

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032051.D
 Acq On : 11 Oct 2022 20:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/12/2022
 Supervised By : Mahesh Dadoda 10/12/2022

Quant Time: Oct 12 05:20:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	67793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	105399	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76801	54.855	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.720%			
35) Dibromofluoromethane	5.385	113	61435	51.494	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.980%			
50) Toluene-d8	8.653	98	224584	52.314	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.620%			
62) 4-Bromofluorobenzene	11.079	95	87092	57.384	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51303	50.850	ug/l	97
3) Chloromethane	1.288	50	46126	43.659	ug/l	97
4) Vinyl Chloride	1.374	62	54379	44.043	ug/l	97
5) Bromomethane	1.611	94	43263	54.358	ug/l	99
6) Chloroethane	1.685	64	45442	43.250	ug/l	98
7) Trichlorofluoromethane	1.886	101	104076	46.895	ug/l	98
8) Diethyl Ether	2.130	74	35803	47.327	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	52101	46.445	ug/l	93
10) Methyl Iodide	2.453	142	46560	41.298	ug/l	99
11) Tert butyl alcohol	2.989	59	43758	251.205	ug/l	99
12) 1,1-Dichloroethene	2.319	96	47324	45.829	ug/l	96
13) Acrolein	2.239	56	25428	253.400	ug/l	97
14) Allyl chloride	2.660	41	73943	50.325	ug/l	97
15) Acrylonitrile	3.068	53	137948	248.422	ug/l	99
16) Acetone	2.386	43	117992	247.971	ug/l	99
17) Carbon Disulfide	2.514	76	94743	42.726	ug/l	100
18) Methyl Acetate	2.703	43	84735	53.971	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	173974	50.206	ug/l	99
20) Methylene Chloride	2.788	84	55229	44.169	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	52027	45.496	ug/l	97
22) Diisopropyl ether	3.763	45	177379	53.701	ug/l	98
23) Vinyl Acetate	3.721	43	686768	278.155	ug/l	98
24) 1,1-Dichloroethane	3.611	63	99681	50.344	ug/l	97
25) 2-Butanone	4.562	43	192164	258.344	ug/l	99
26) 2,2-Dichloropropane	4.477	77	64269	45.190	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	64874	47.412	ug/l	91
28) Bromochloromethane	4.903	49	47030	55.492	ug/l	91
29) Tetrahydrofuran	5.007	42	122763	255.790	ug/l	96
30) Chloroform	5.092	83	113088	51.276	ug/l	96
31) Cyclohexane	5.477	56	80748	48.278	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	94999	50.688	ug/l	99
36) 1,1-Dichloropropene	5.690	75	76281	48.216	ug/l	100
37) Ethyl Acetate	4.714	43	78177	52.488	ug/l	99
38) Carbon Tetrachloride	5.684	117	79953	49.426	ug/l	99
39) Methylcyclohexane	7.379	83	89158	47.247	ug/l	99
40) Benzene	6.044	78	224563	48.474	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	42986	55.500	ug/l	97
42) 1,2-Dichloroethane	6.092	62	91442	54.168	ug/l	100
43) Isopropyl Acetate	6.342	43	125877	55.702	ug/l	99
44) Trichloroethene	7.129	130	62373	45.918	ug/l	93
45) 1,2-Dichloropropane	7.434	63	57940	50.892	ug/l	92
46) Dibromomethane	7.580	93	43289	49.063	ug/l	94
47) Bromodichloromethane	7.824	83	81628	53.555	ug/l	98
48) Methyl methacrylate	7.690	41	62915	58.263	ug/l	98
49) 1,4-Dioxane	7.690	88	24748	1014.079	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	416632	278.209	ug/l	100
52) Toluene	8.720	92	150536	49.699	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	80698	49.203	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	88695	53.733	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	62909	49.209	ug/l	95
56) Ethyl methacrylate	9.116	69	89402	54.557	ug/l	98
57) 1,3-Dichloropropane	9.311	76	104969	51.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	231050	273.141	ug/l	97
59) 2-Hexanone	9.433	43	310643	281.328	ug/l	99
60) Dibromochloromethane	9.518	129	62401	53.336	ug/l	99
61) 1,2-Dibromoethane	9.610	107	65398	50.869	ug/l	99
64) Tetrachloroethene	9.275	164	60404	45.285	ug/l	97
65) Chlorobenzene	10.079	112	162512	45.396	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	59332	47.899	ug/l	98
67) Ethyl Benzene	10.195	91	293929	48.534	ug/l	100
68) m/p-Xylenes	10.305	106	226011	93.911	ug/l	97
69) o-Xylene	10.640	106	111237	47.554	ug/l	97
70) Styrene	10.659	104	188048	50.287	ug/l	99
71) Bromoform	10.799	173	40647	50.125	ug/l #	99
73) Isopropylbenzene	10.963	105	299742	47.737	ug/l	98
74) N-amyl acetate	10.841	43	113298	59.087	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	95286	47.762	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	77080m	45.175	ug/l	
77) Bromobenzene	11.201	156	69850	45.160	ug/l	97
78) n-propylbenzene	11.305	91	355317	49.751	ug/l	99
79) 2-Chlorotoluene	11.366	91	208899	48.605	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	256667	49.286	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21986	46.032	ug/l #	81
82) 4-Chlorotoluene	11.457	91	244850	49.744	ug/l	98
83) tert-Butylbenzene	11.713	119	254584	49.394	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	261865	49.499	ug/l	98
85) sec-Butylbenzene	11.890	105	325296	50.977	ug/l	98
86) p-Isopropyltoluene	12.012	119	276343	51.435	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	137678	46.750	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	138274	45.616	ug/l	99
89) n-Butylbenzene	12.335	91	243685	54.162	ug/l	99
90) Hexachloroethane	12.542	117	41258	48.337	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	138242	47.214	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20583	56.363	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	85831	48.298	ug/l	98
94) Hexachlorobutadiene	13.725	225	36639	50.975	ug/l	98
95) Naphthalene	13.774	128	309512	50.827	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	89161	49.462	ug/l	97

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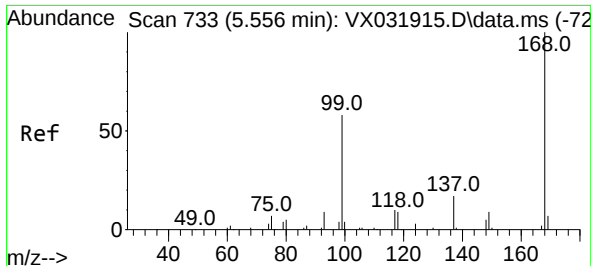
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

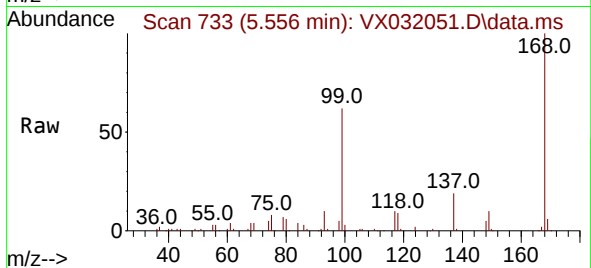
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

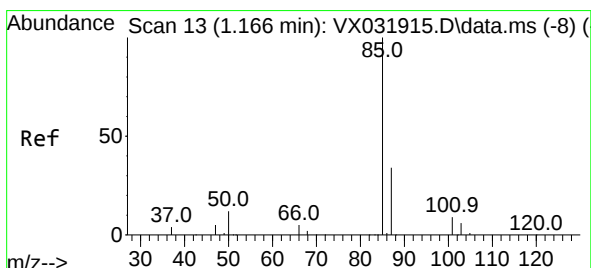
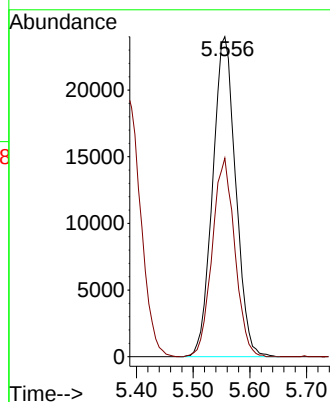
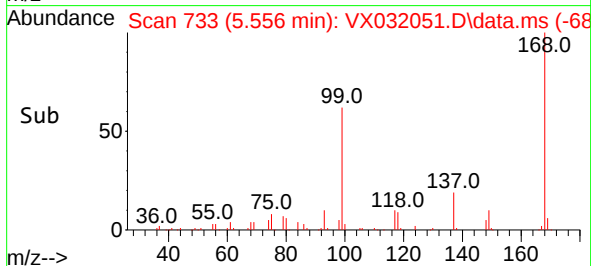
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Tgt Ion:168 Resp: 6779
Ion Ratio Lower Upper
168 100
99 62.1 48.8 73.2

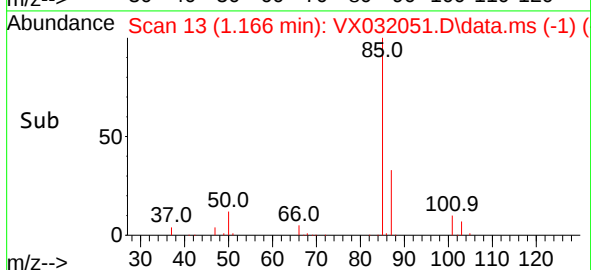
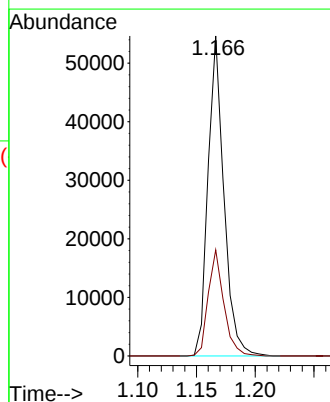
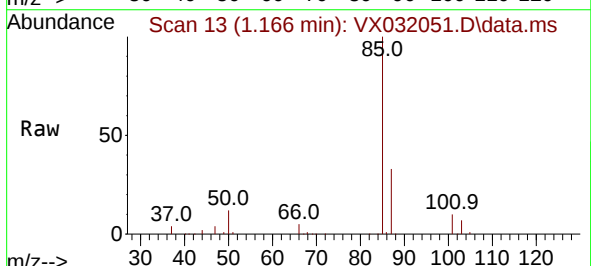
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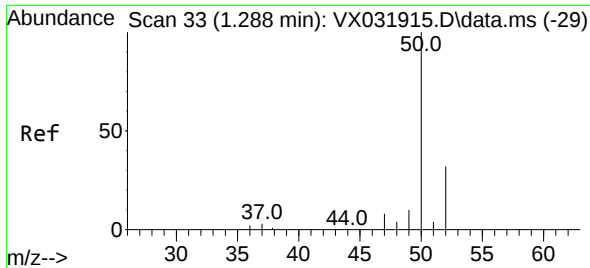
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#2
Dichlorodifluoromethane
Concen: 50.850 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

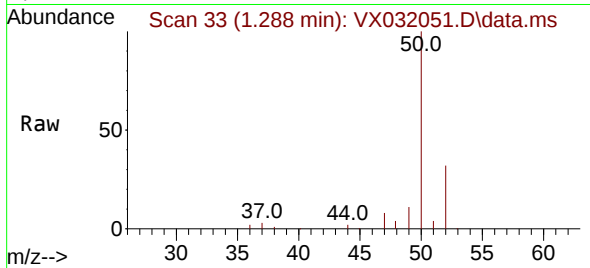
Tgt Ion: 85 Resp: 51303
Ion Ratio Lower Upper
85 100
87 33.2 15.8 47.4





#3
Chloromethane
Concen: 43.659 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

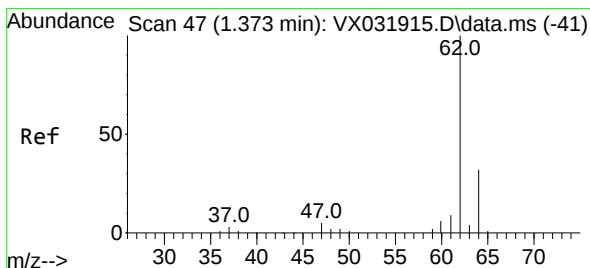
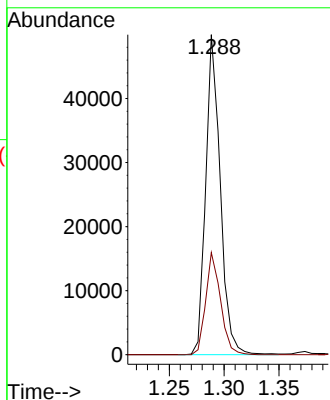
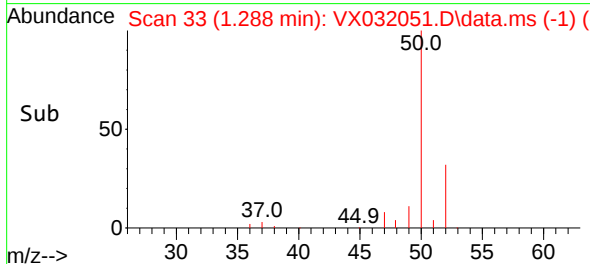
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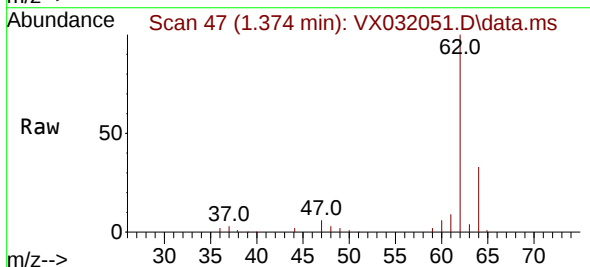
Tgt Ion: 50 Resp: 46120
Ion Ratio Lower Upper
50 100
52 31.9 26.9 40.3

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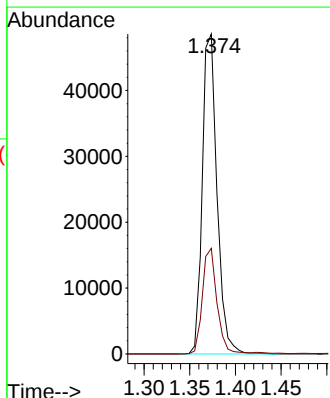
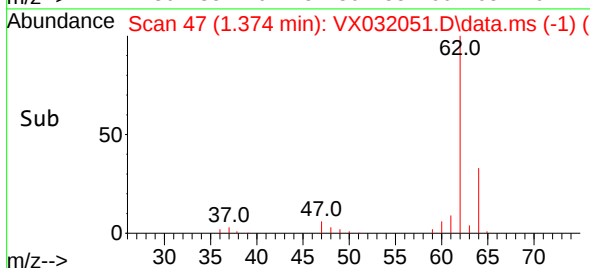
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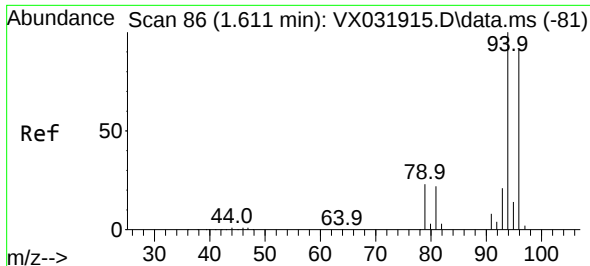


#4
Vinyl Chloride
Concen: 44.043 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48



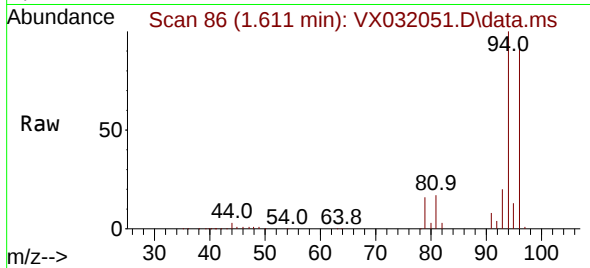
Tgt Ion: 62 Resp: 54379
Ion Ratio Lower Upper
62 100
64 33.0 25.3 37.9





#5
Bromomethane
Concen: 54.358 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

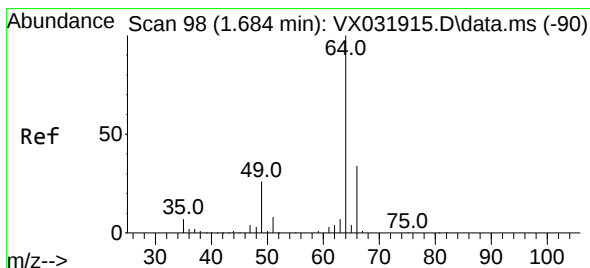
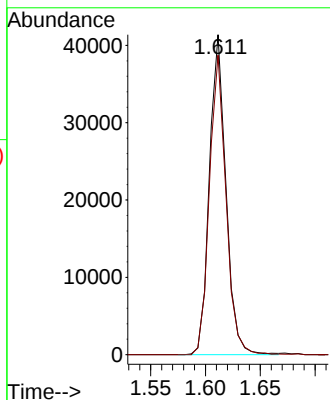
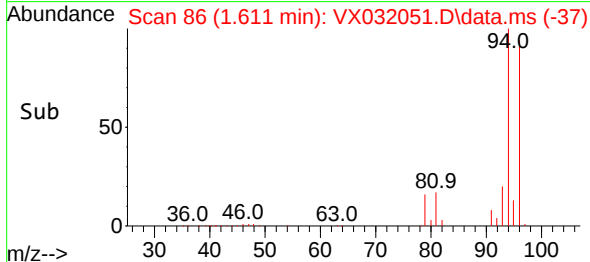
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Tgt Ion: 94 Resp: 4326
Ion Ratio Lower Upper
94 100
96 93.6 74.4 111.6

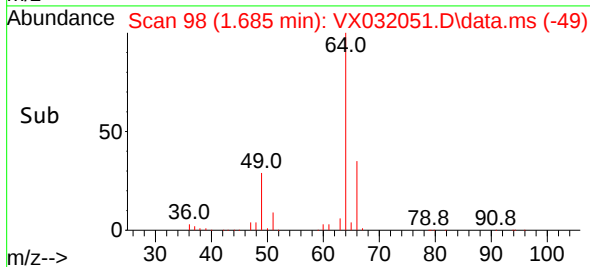
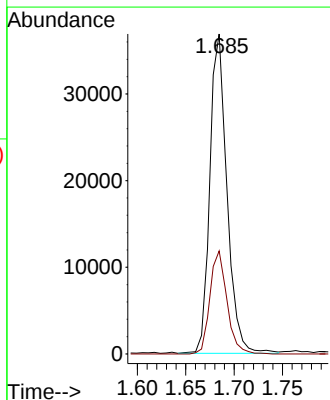
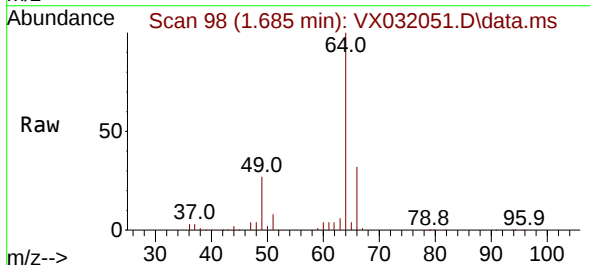
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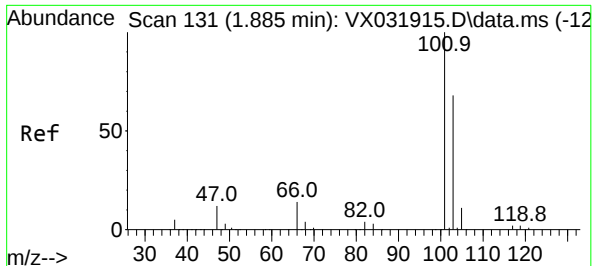
Reviewed By :John Carlone 10/12/2022
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#6
Chloroethane
Concen: 43.250 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.001 min
Lab File: VX032051.D
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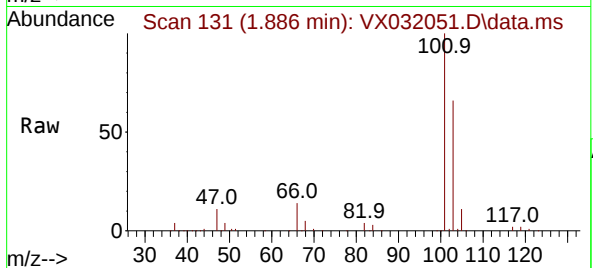
Tgt Ion: 64 Resp: 45442
Ion Ratio Lower Upper
64 100
66 32.3 25.0 37.4





#7
Trichlorofluoromethane
Concen: 46.895 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

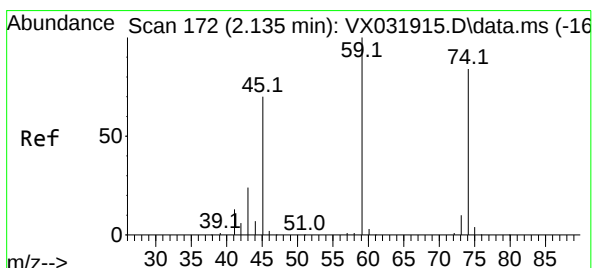
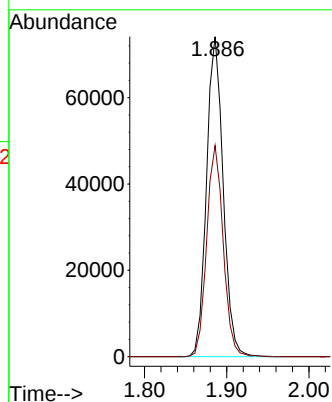
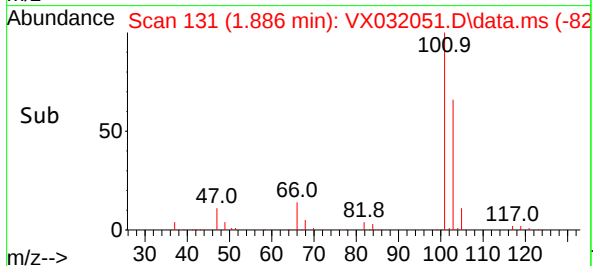
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 104070
Ion Ratio Lower Upper
101 100
103 66.0 51.8 77.6

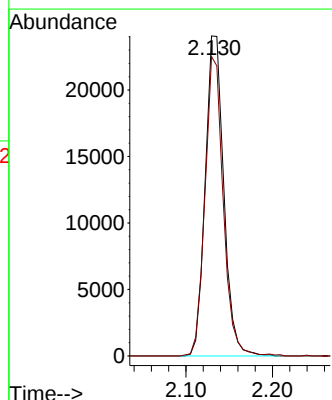
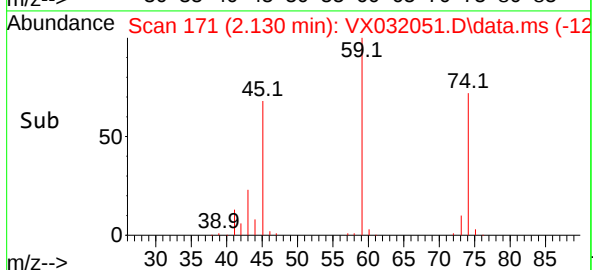
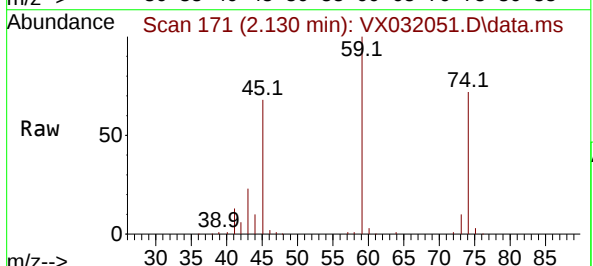
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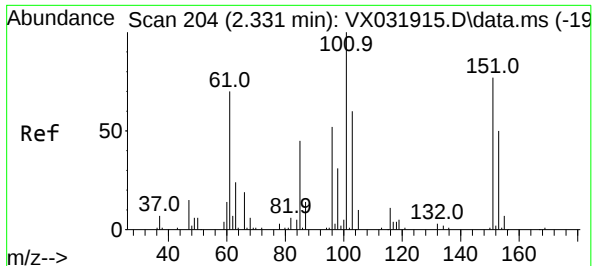
Reviewed By :John Carlone 10/12/2022
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#8
Diethyl Ether
Concen: 47.327 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
Lab File: VX032051.D
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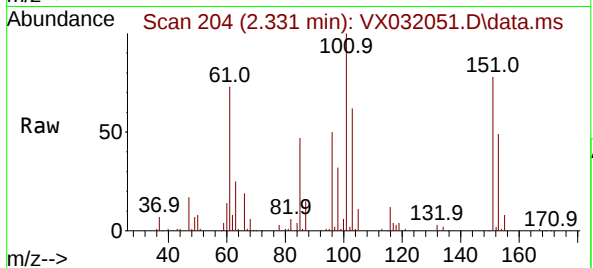
Tgt Ion: 74 Resp: 35803
Ion Ratio Lower Upper
74 100
45 92.4 48.5 145.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.445 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

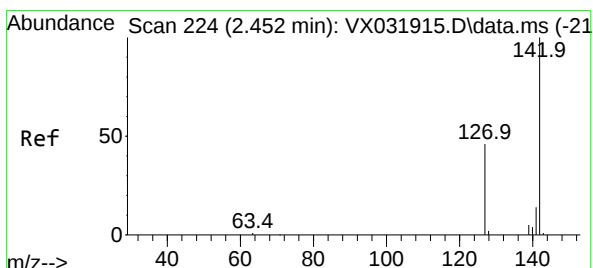
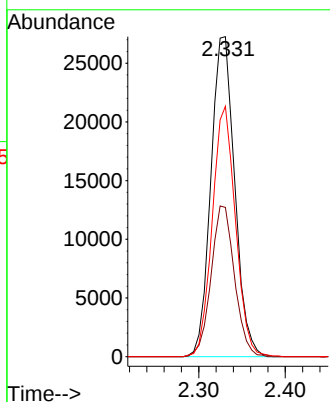
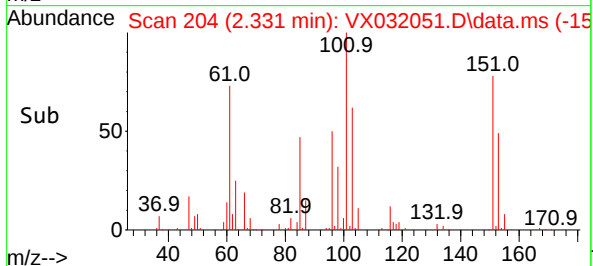
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



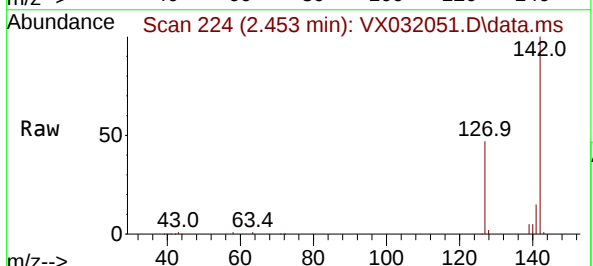
Tgt Ion:101 Resp: 5210
Ion Ratio Lower Upper
101 100
85 46.3 38.6 57.8
151 76.2 54.0 81.0

Manual Integrations
APPROVED

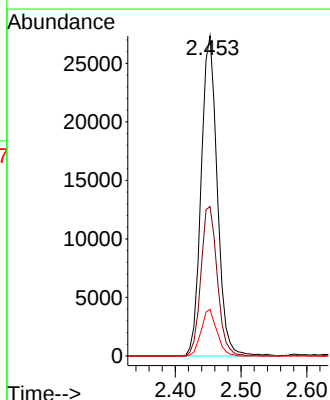
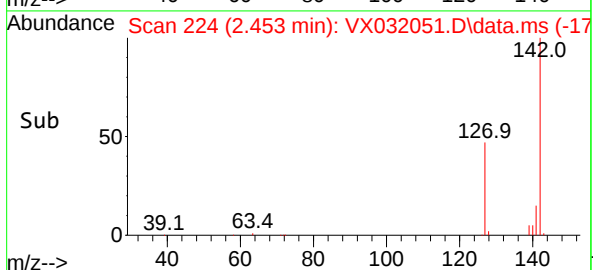
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

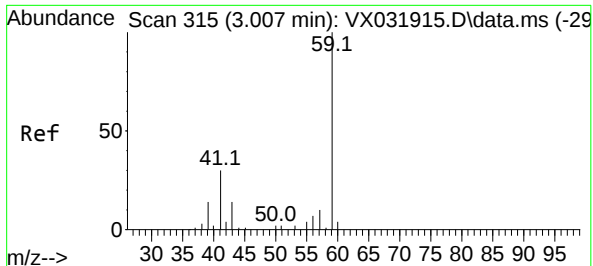


#10
Methyl Iodide
Concen: 41.298 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48



Tgt Ion:142 Resp: 46560
Ion Ratio Lower Upper
142 100
127 47.3 37.4 56.0
141 14.2 11.6 17.4





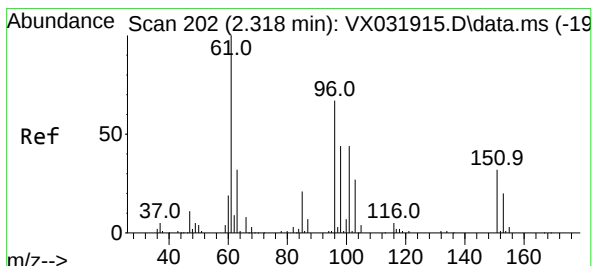
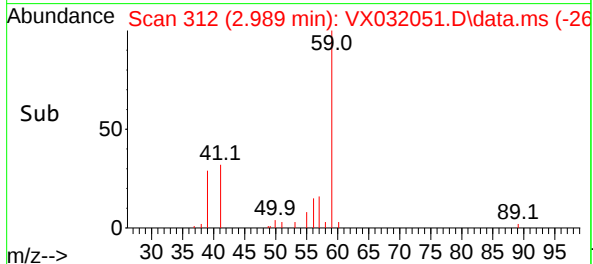
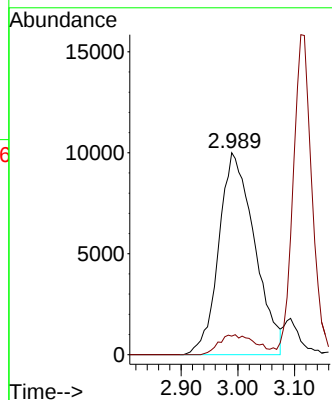
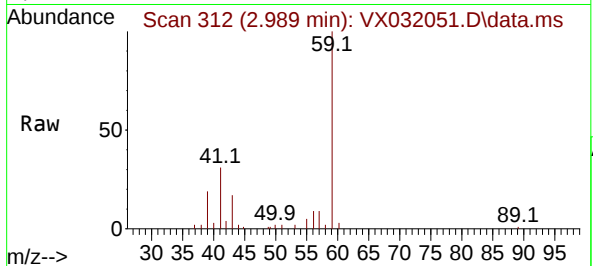
#11
Tert butyl alcohol
Concen: 251.205 ug/l
RT: 2.989 min Scan# 315
Delta R.T. -0.018 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 43758
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

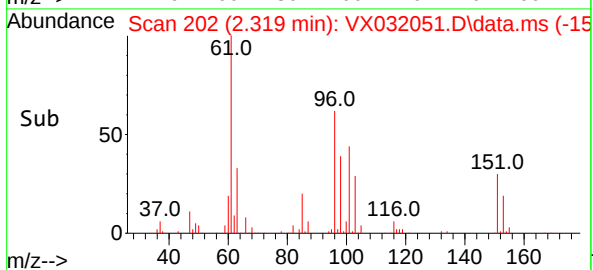
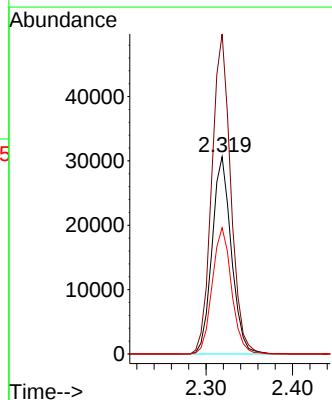
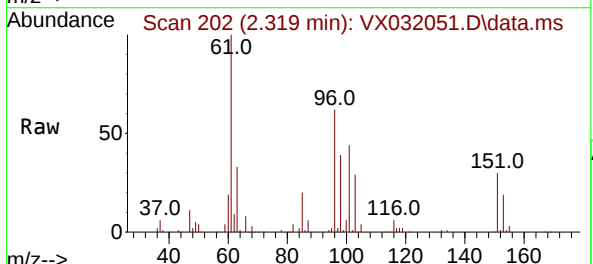
Manual Integrations
APPROVED

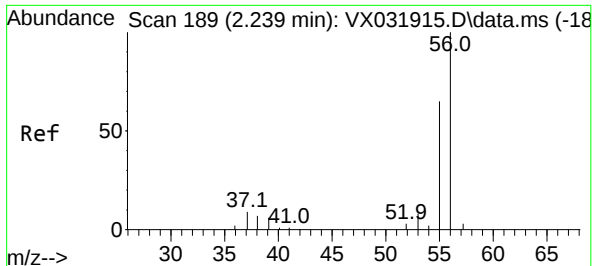
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#12
1,1-Dichloroethene
Concen: 45.829 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

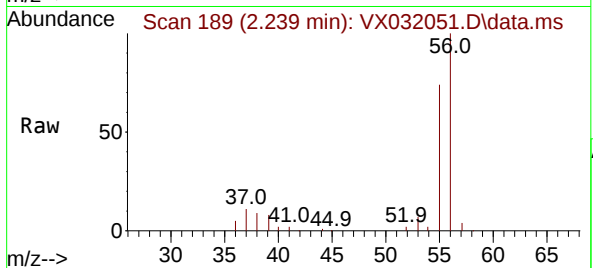
Tgt Ion: 96 Resp: 47324
Ion Ratio Lower Upper
96 100
61 162.3 135.3 202.9
98 64.0 49.4 74.2





#13
Acrolein
Concen: 253.400 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

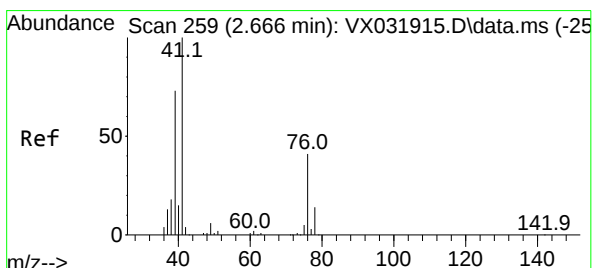
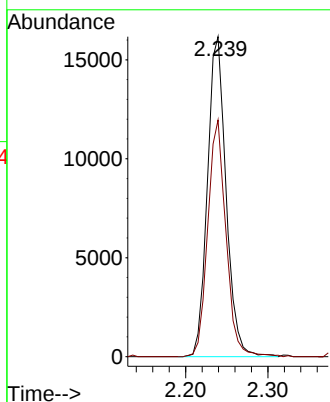
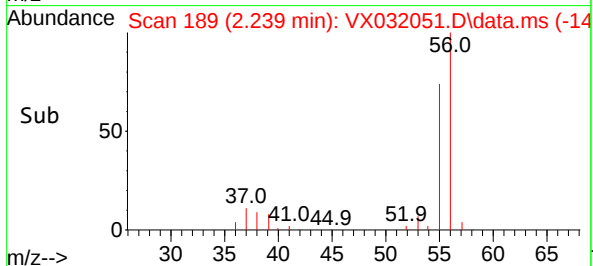
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 25428
Ion Ratio Lower Upper
56 100
55 72.4 56.0 84.0

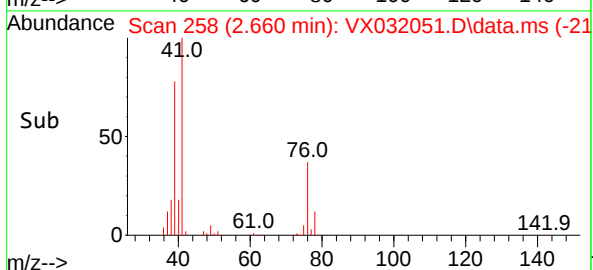
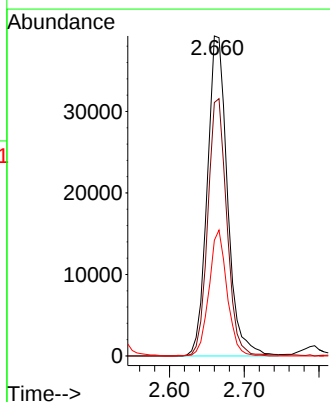
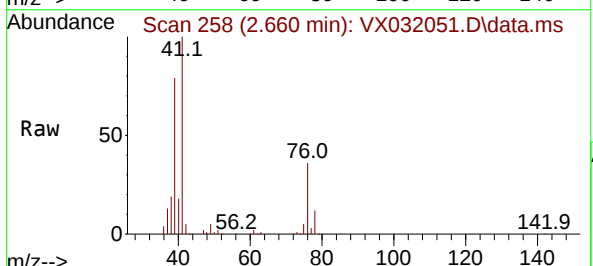
Manual Integrations
APPROVED

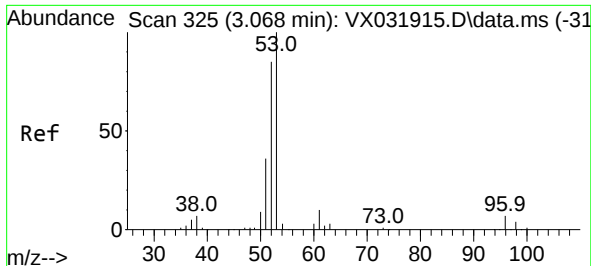
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#14
Allyl chloride
Concen: 50.325 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

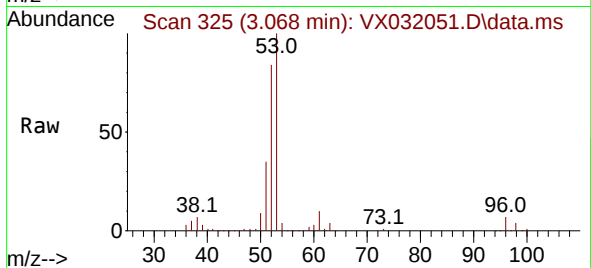
Tgt Ion: 41 Resp: 73943
Ion Ratio Lower Upper
41 100
39 75.4 58.2 87.4
76 35.2 26.9 40.3





#15
Acrylonitrile
Concen: 248.422 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

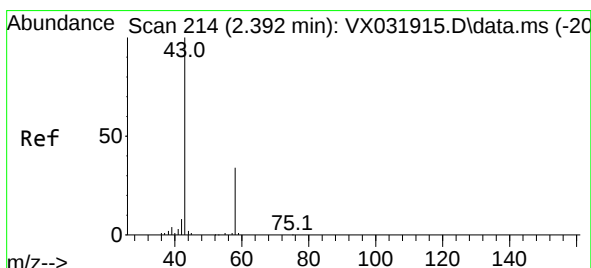
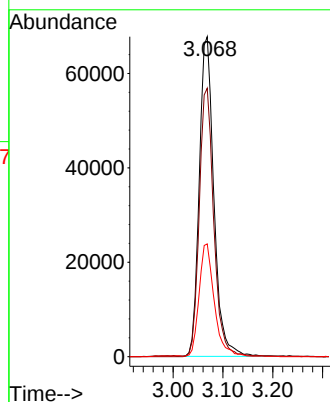
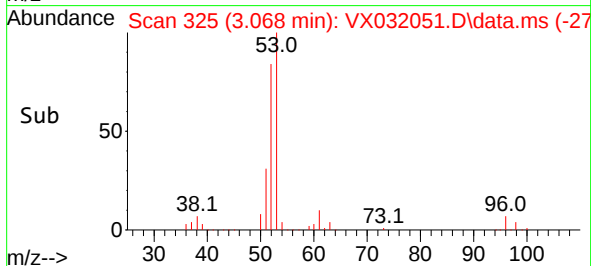
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



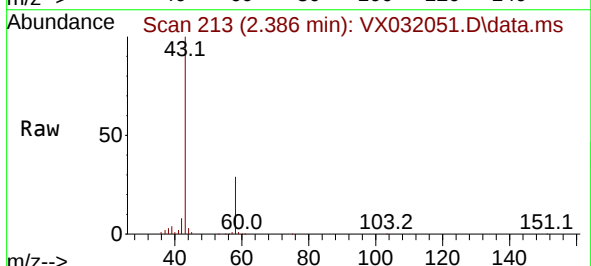
Tgt Ion: 53 Resp: 137948
Ion Ratio Lower Upper
53 100
52 83.7 66.9 100.3
51 36.4 30.0 45.0

Manual Integrations
APPROVED

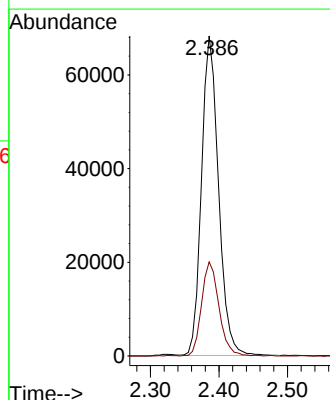
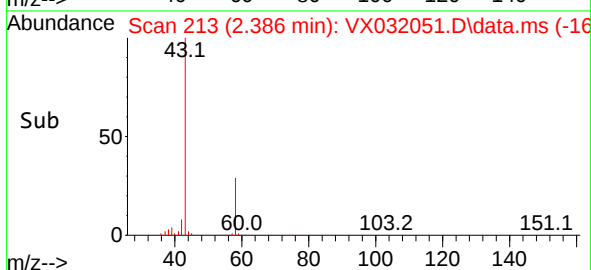
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

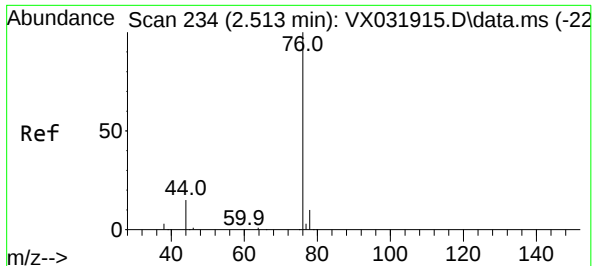


#16
Acetone
Concen: 247.971 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48



Tgt Ion: 43 Resp: 117992
Ion Ratio Lower Upper
43 100
58 29.5 23.8 35.8





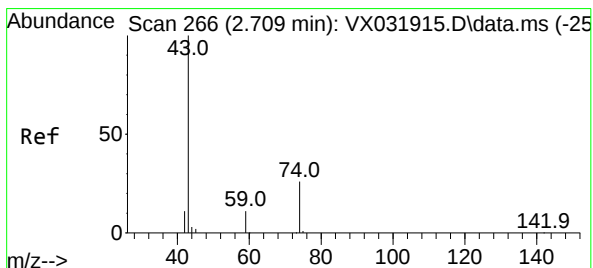
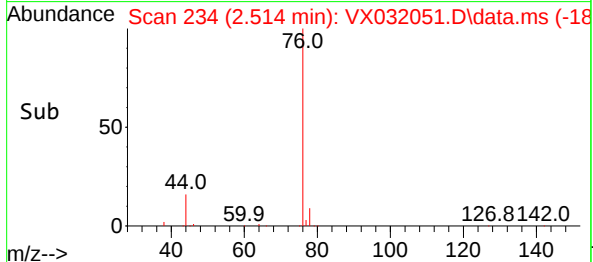
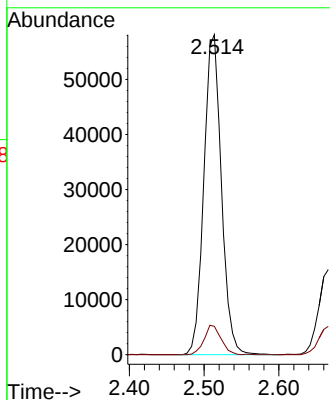
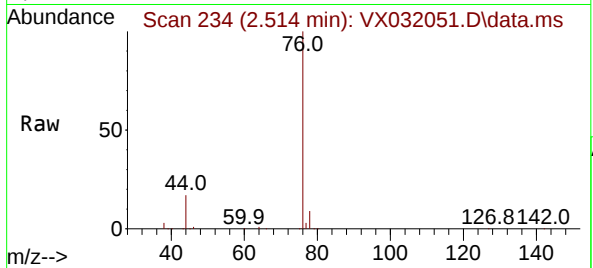
#17
Carbon Disulfide
Concen: 42.726 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 9474
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

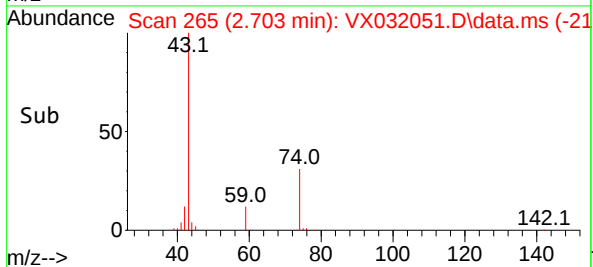
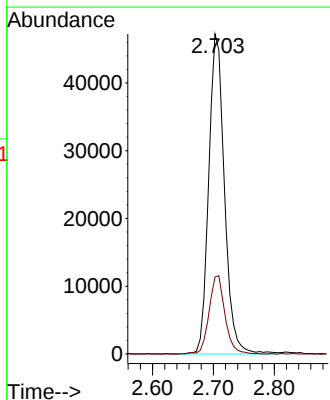
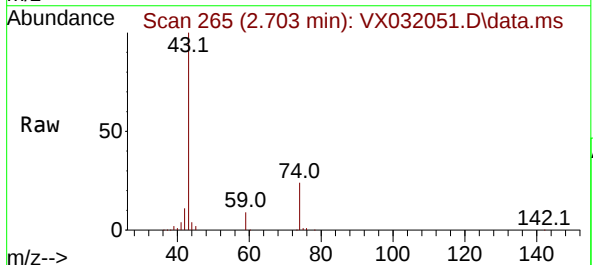
Manual Integrations
APPROVED

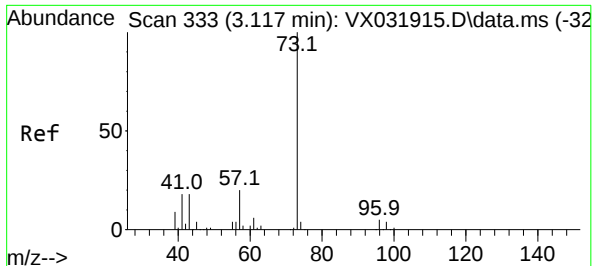
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#18
Methyl Acetate
Concen: 53.971 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

Tgt Ion: 43 Resp: 84735
Ion Ratio Lower Upper
43 100
74 24.7 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 50.206 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 173974

Ion Ratio Lower Upper

73 100

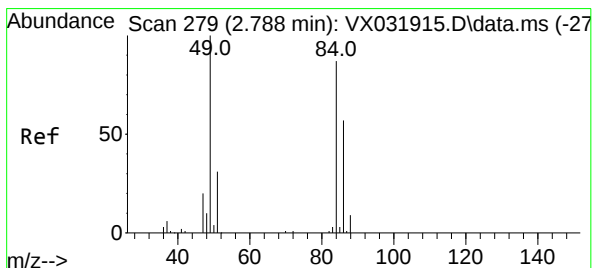
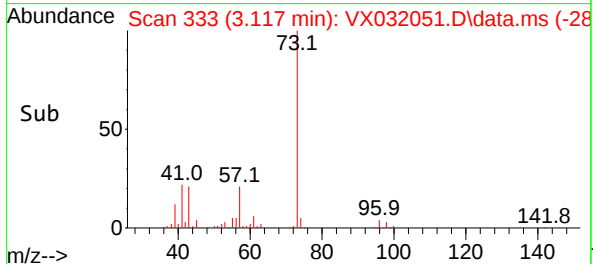
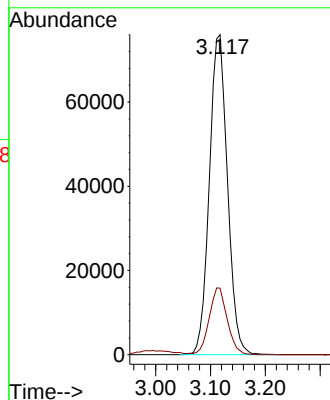
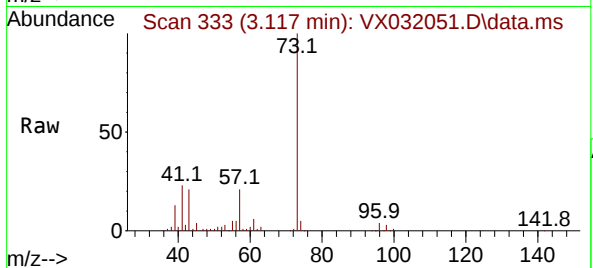
57 20.8 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#20

Methylene Chloride

Concen: 44.169 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

Tgt Ion: 84 Resp: 55229

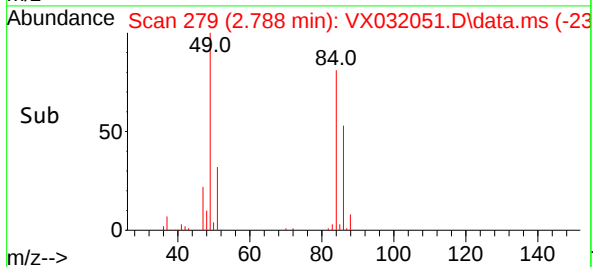
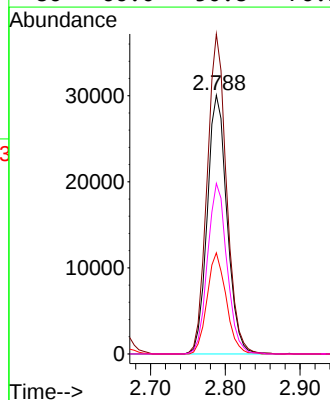
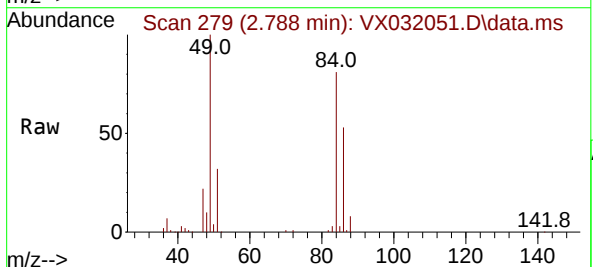
Ion Ratio Lower Upper

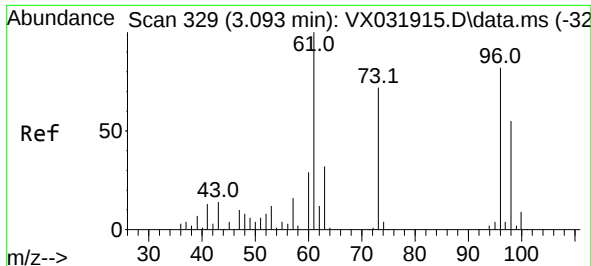
84 100

49 123.7 105.9 158.9

51 39.1 32.2 48.2

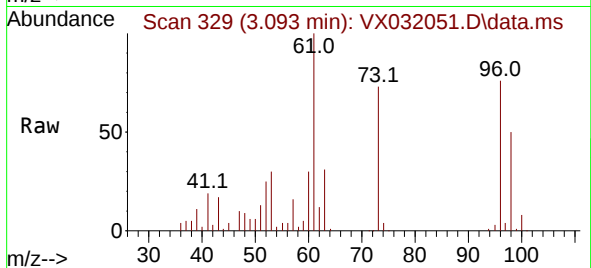
86 66.0 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 45.496 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

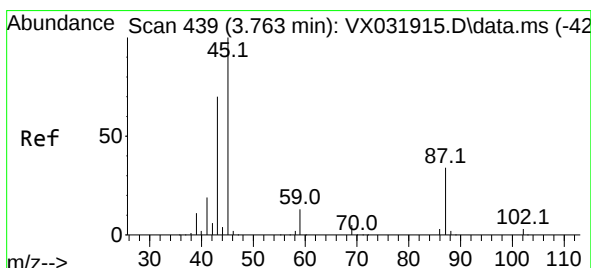
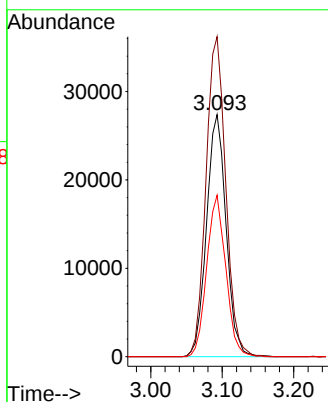
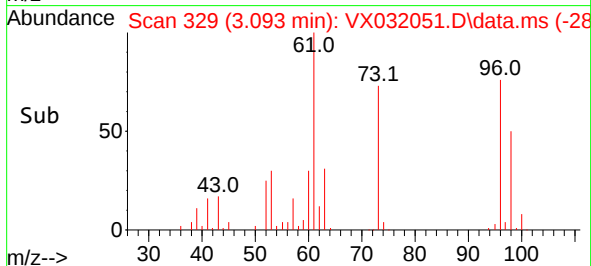
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



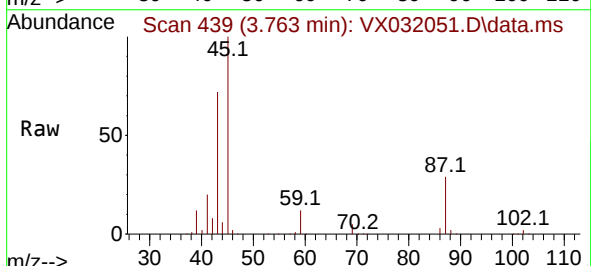
Tgt Ion: 96 Resp: 5202
Ion Ratio Lower Upper
96 100
61 132.2 106.7 160.1
98 66.7 48.7 73.1

Manual Integrations
APPROVED

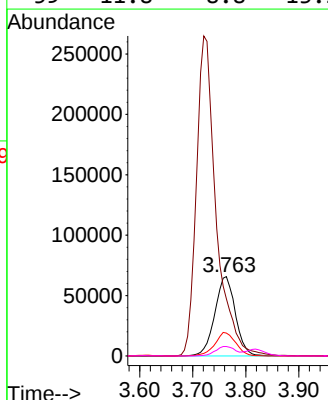
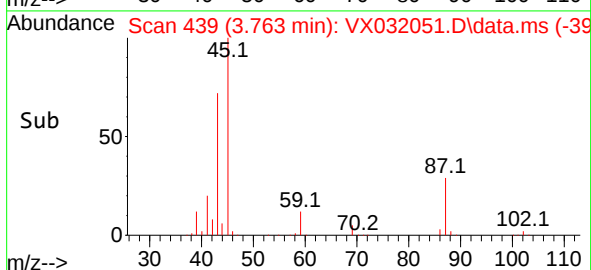
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

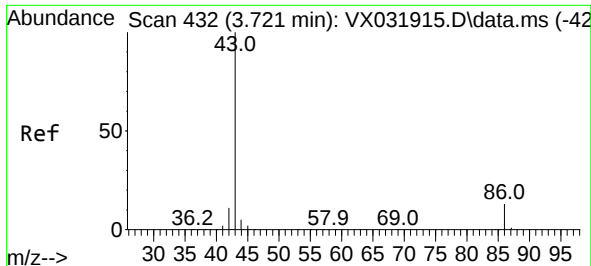


#22
Diisopropyl ether
Concen: 53.701 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48



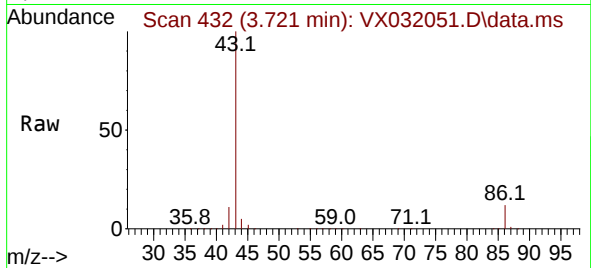
Tgt Ion: 45 Resp: 177379
Ion Ratio Lower Upper
45 100
43 71.8 59.0 88.6
87 28.8 22.6 33.8
59 11.8 8.8 13.2





#23
 Vinyl Acetate
 Concen: 278.155 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032051.D
 Acq: 11 Oct 2022 20:48

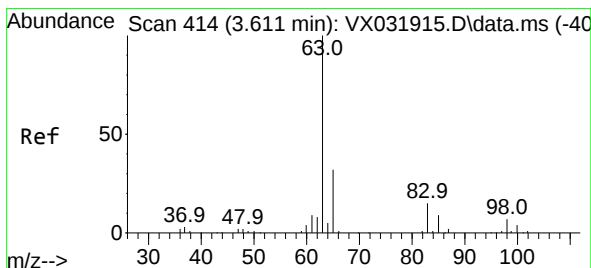
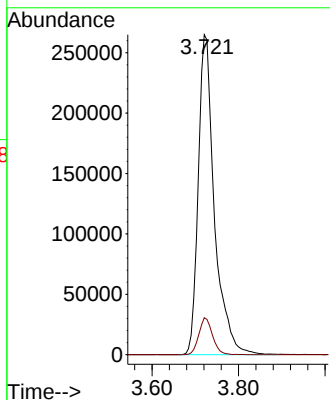
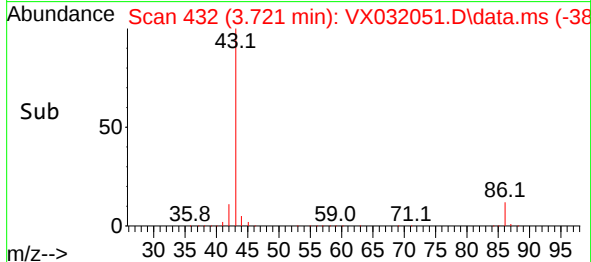
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



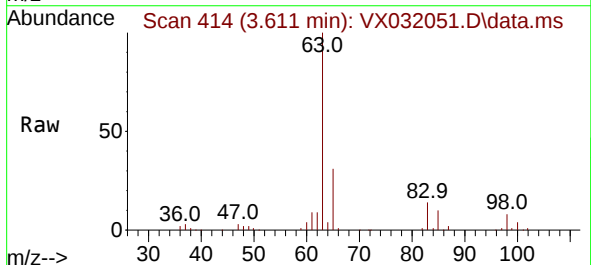
Tgt Ion: 43 Resp: 686768
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.7 13.1

Manual Integrations
 APPROVED

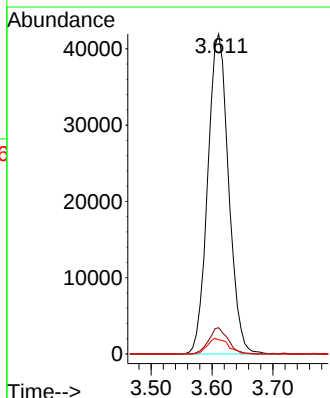
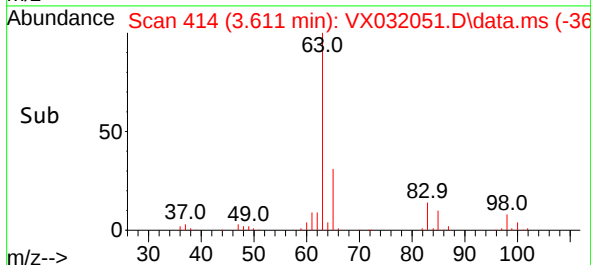
Reviewed By :John Carlone 10/12/2022
 Supervised By :Mahesh Dadoda 10/12/2022

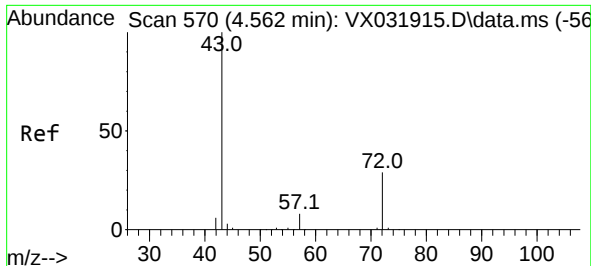


#24
 1,1-Dichloroethane
 Concen: 50.344 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032051.D
 Acq: 11 Oct 2022 20:48



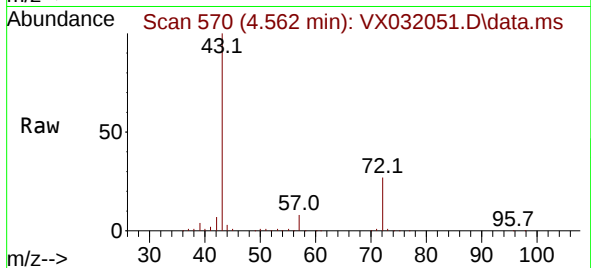
Tgt Ion: 63 Resp: 99681
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.4
 100 4.4 2.4 7.2





#25
2-Butanone
Concen: 258.344 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

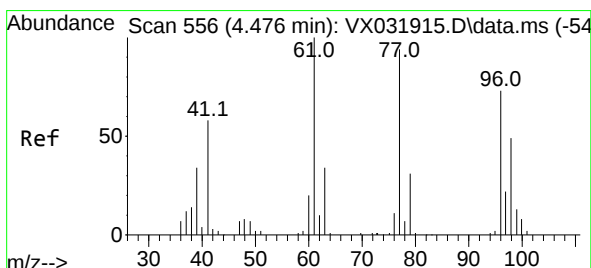
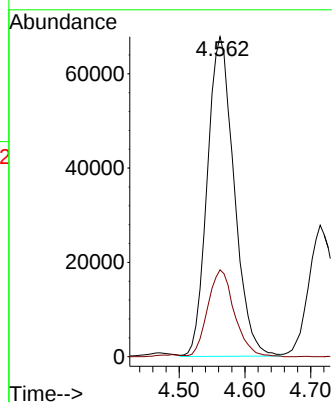
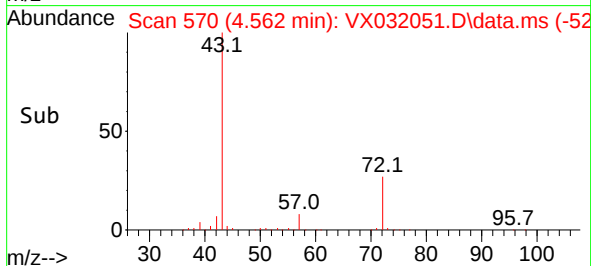
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 192164
Ion Ratio Lower Upper
43 100
72 27.1 21.1 31.7

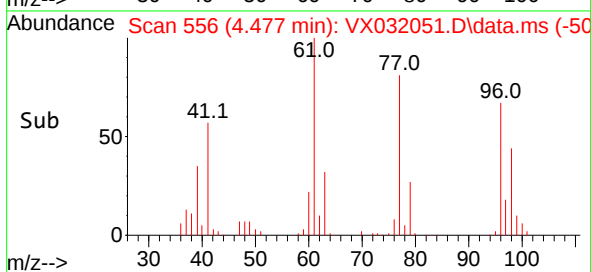
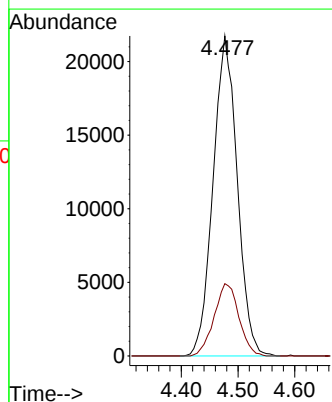
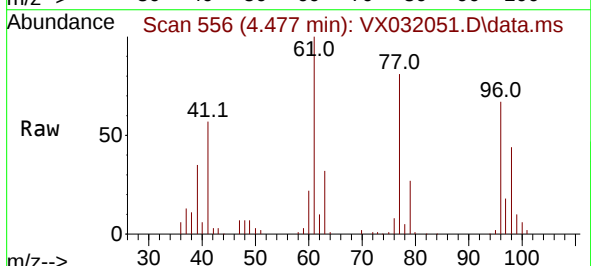
Manual Integrations
APPROVED

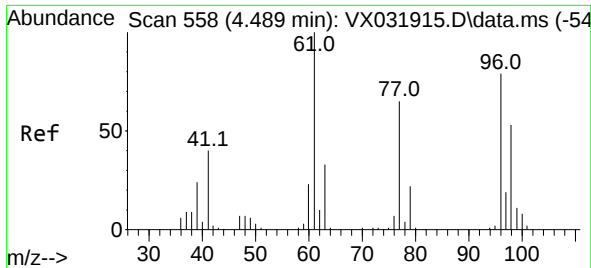
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#26
2,2-Dichloropropane
Concen: 45.190 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.001 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

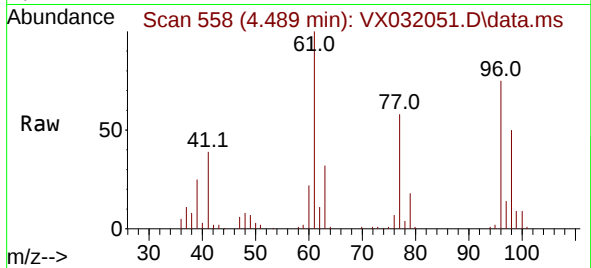
Tgt Ion: 77 Resp: 64269
Ion Ratio Lower Upper
77 100
97 23.1 10.9 32.6





#27
 cis-1,2-Dichloroethene
 Concen: 47.412 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX032051.D
 Acq: 11 Oct 2022 20:48

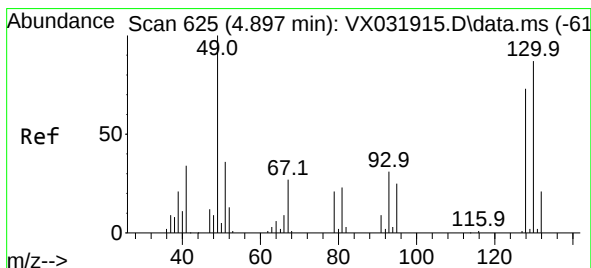
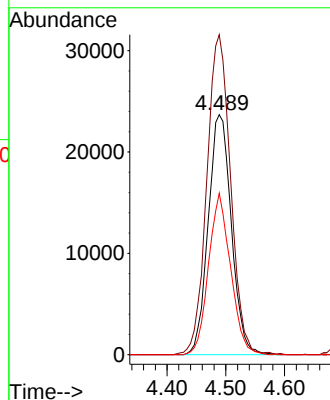
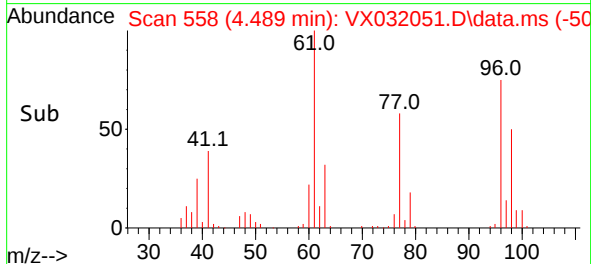
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



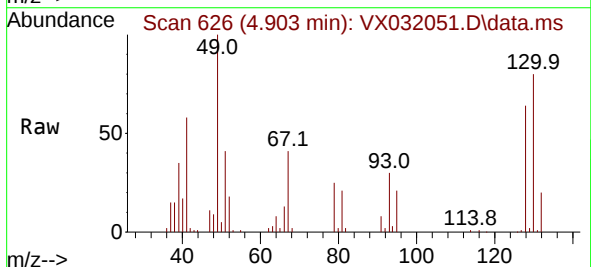
Tgt Ion: 96 Resp: 64874
 Ion Ratio Lower Upper
 96 100
 61 136.9 0.0 305.2
 98 63.9 0.0 128.4

Manual Integrations
 APPROVED

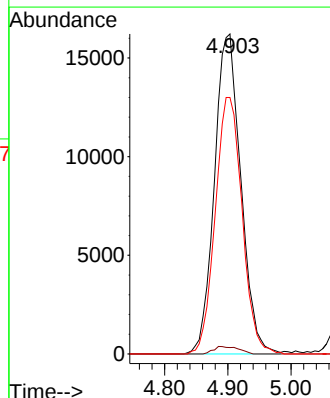
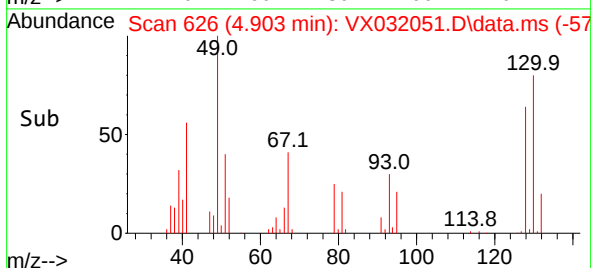
Reviewed By :John Carlone 10/12/2022
 Supervised By :Mahesh Dadoda 10/12/2022

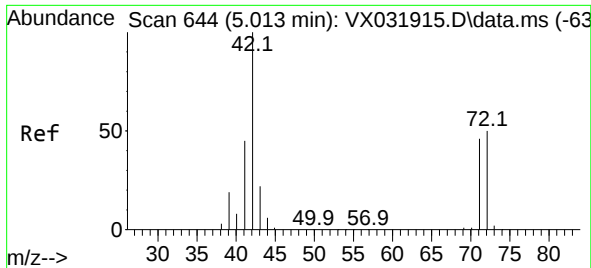


#28
 Bromochloromethane
 Concen: 55.492 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. 0.006 min
 Lab File: VX032051.D
 Acq: 11 Oct 2022 20:48



Tgt Ion: 49 Resp: 47030
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.6
 130 81.5 59.0 88.4





#29

Tetrahydrofuran

Concen: 255.790 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 12276

Ion Ratio Lower Upper

42 100

72 47.9 36.4 54.6

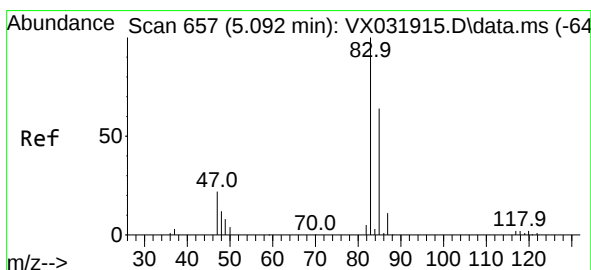
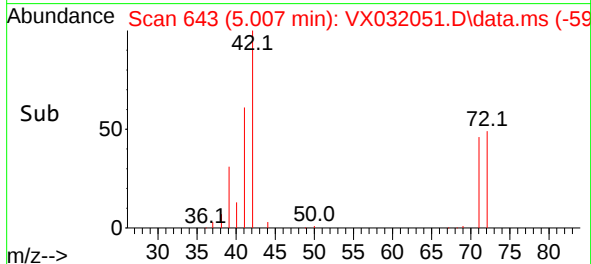
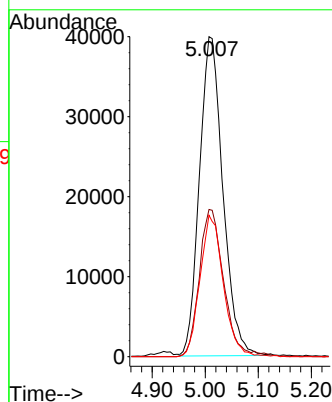
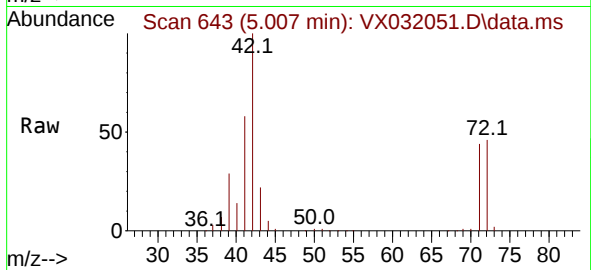
71 44.1 33.5 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#30

Chloroform

Concen: 51.276 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX032051.D

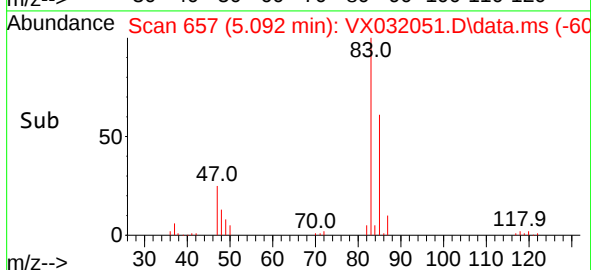
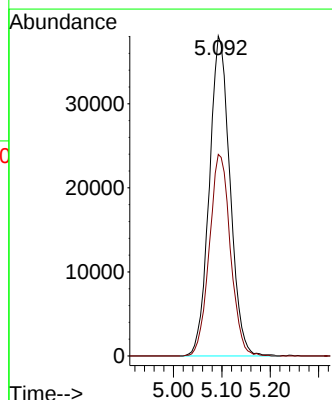
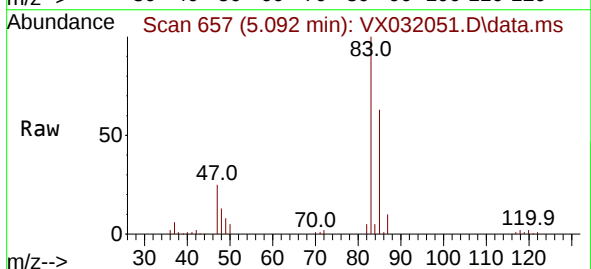
Acq: 11 Oct 2022 20:48

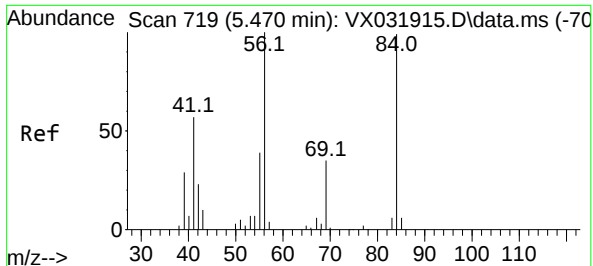
Tgt Ion: 83 Resp: 113088

Ion Ratio Lower Upper

83 100

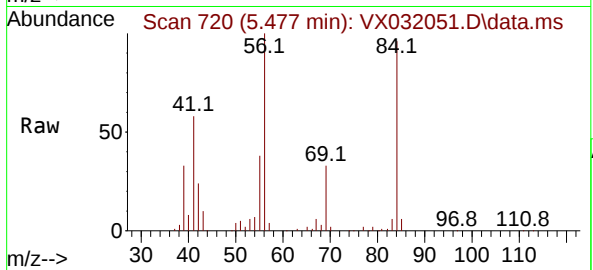
85 63.0 52.8 79.2





#31
Cyclohexane
Concen: 48.278 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

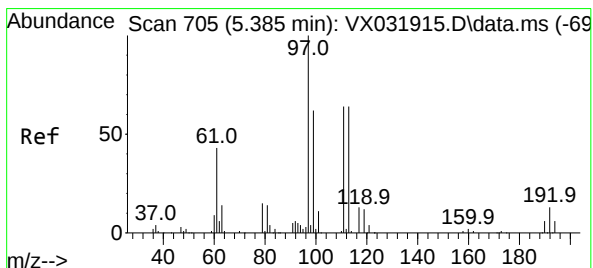
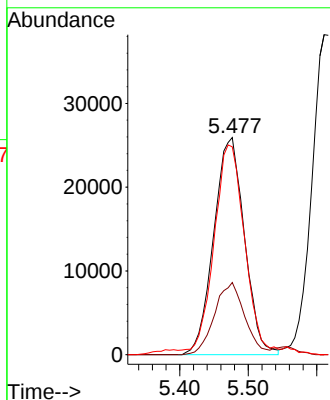
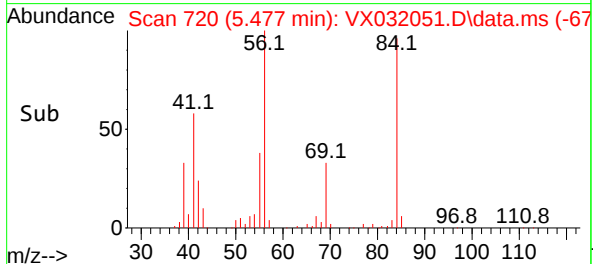
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 80748
Ion Ratio Lower Upper
56 100
69 33.2 25.1 37.7
84 93.8 70.2 105.4

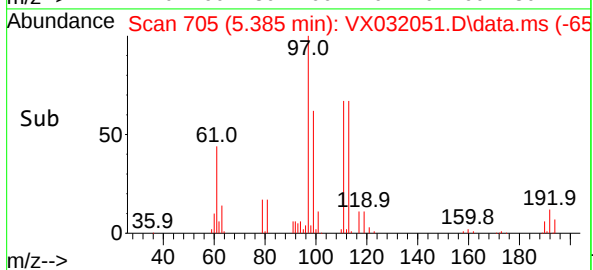
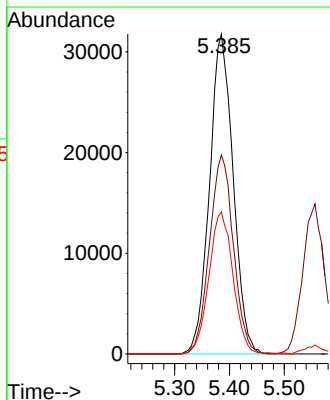
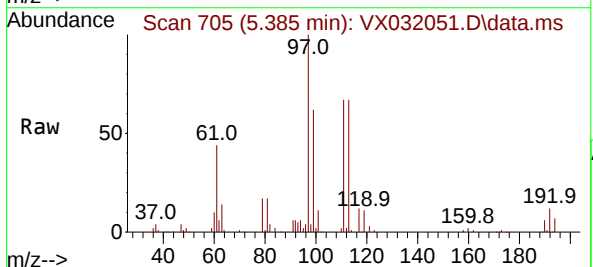
Manual Integrations
APPROVED

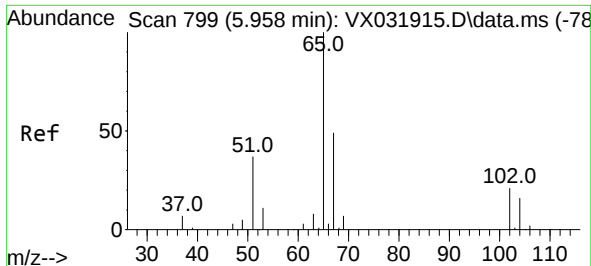
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#32
1,1,1-Trichloroethane
Concen: 50.688 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

Tgt Ion: 97 Resp: 94999
Ion Ratio Lower Upper
97 100
99 63.1 51.3 76.9
61 45.5 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 54.855 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7680

Ion Ratio Lower Upper

65 100

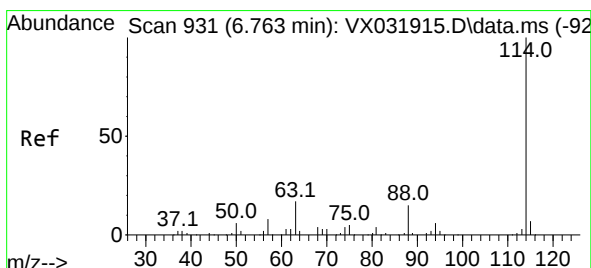
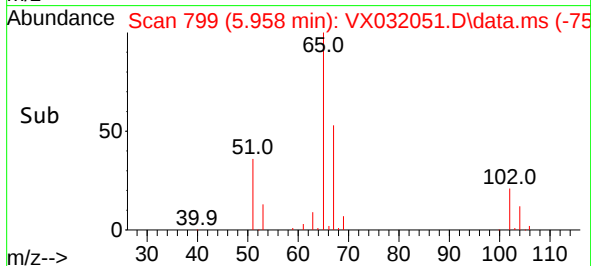
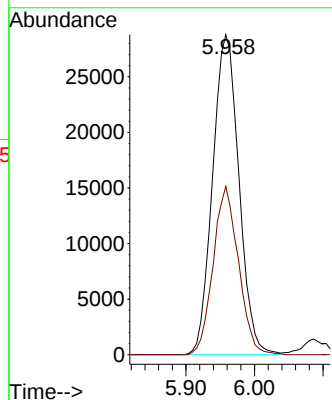
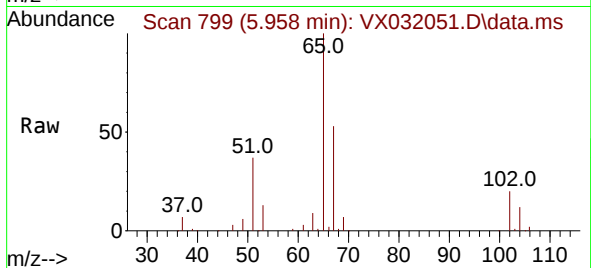
67 50.5 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

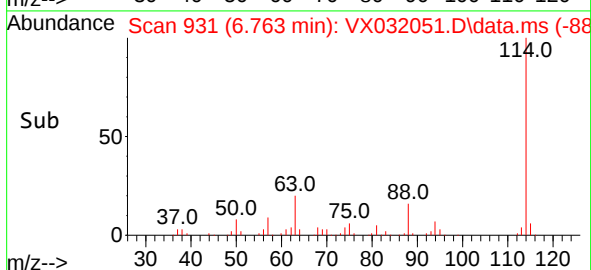
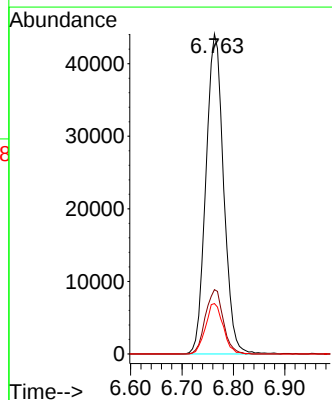
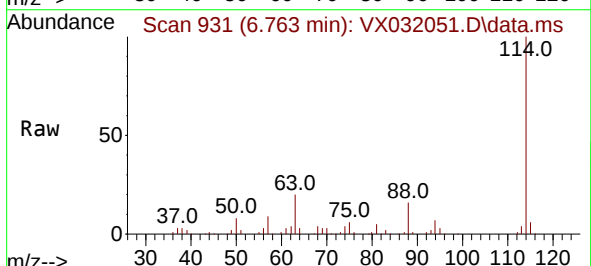
Tgt Ion:114 Resp: 105399

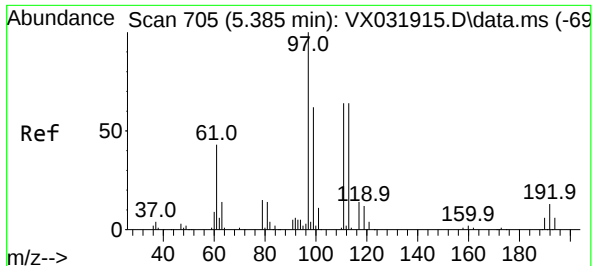
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.494 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 61435

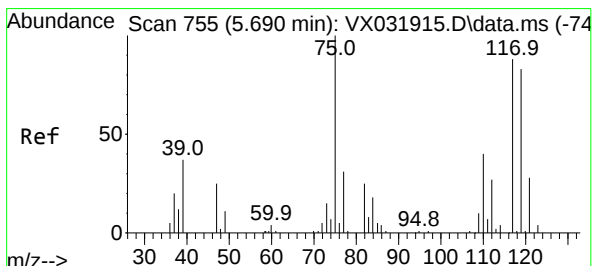
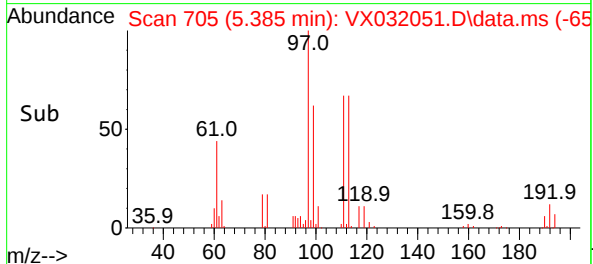
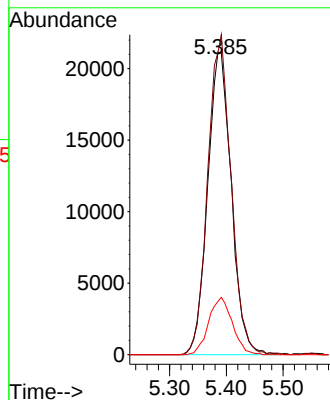
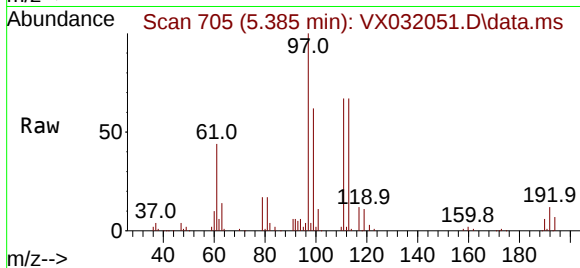
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.4	123.6
192	18.9	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#36

1,1-Dichloropropene

Concen: 48.216 ug/l

RT: 5.690 min Scan# 755

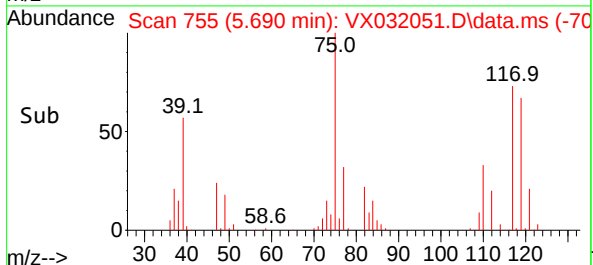
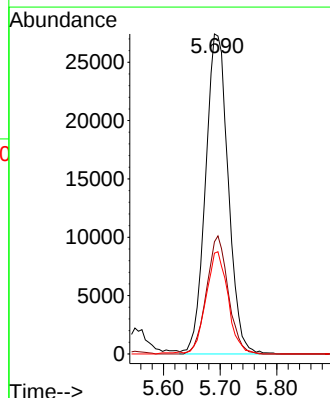
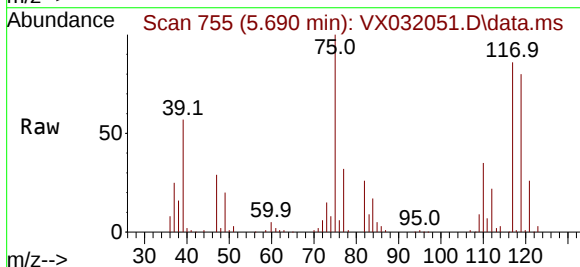
Delta R.T. -0.000 min

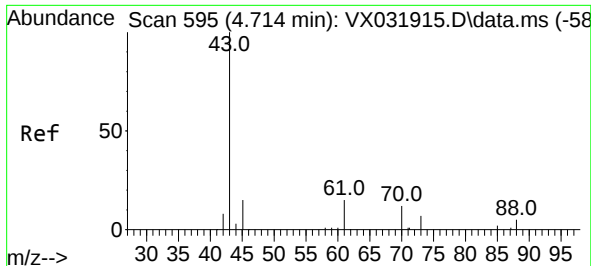
Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

Tgt Ion: 75 Resp: 76281

Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.5	52.5
77	31.0	24.9	37.3





#37

Ethyl Acetate

Concen: 52.488 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 7817

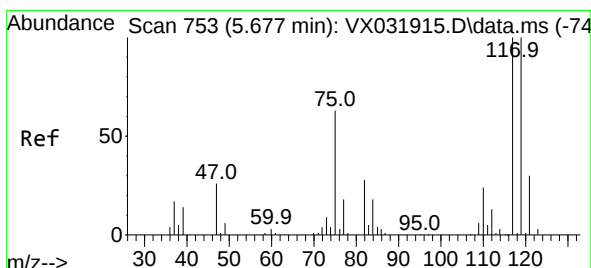
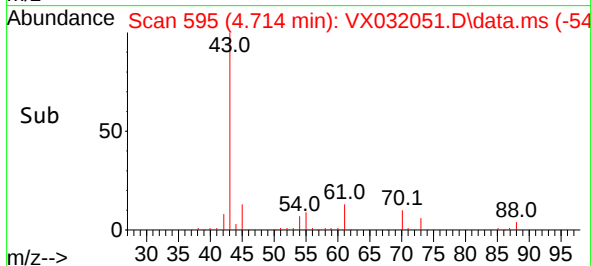
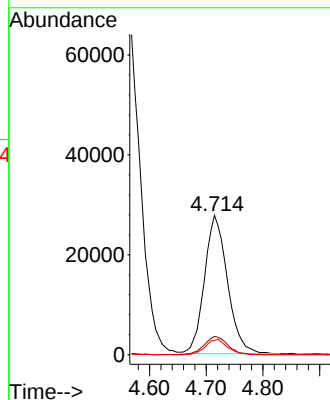
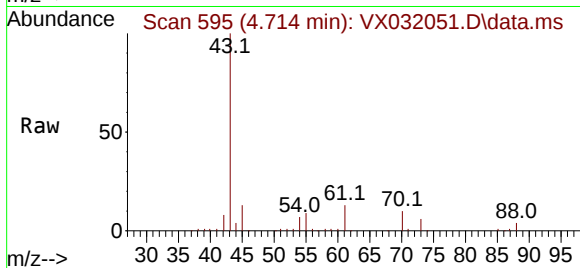
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.1	16.7
70	10.6	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#38

Carbon Tetrachloride

Concen: 49.426 ug/l

RT: 5.684 min Scan# 754

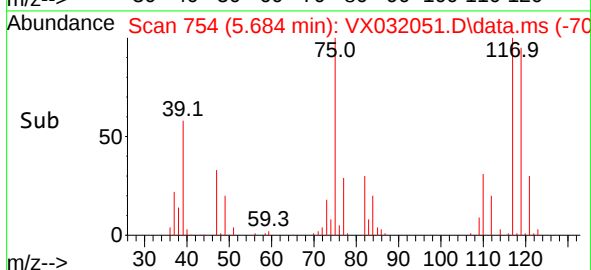
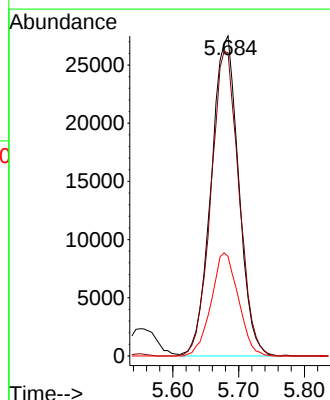
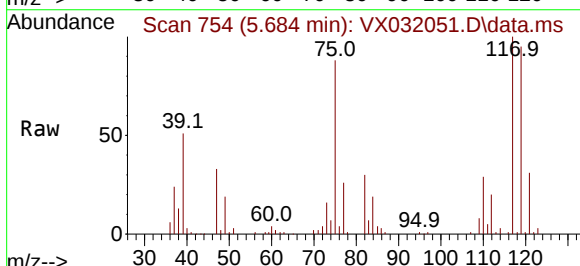
Delta R.T. 0.007 min

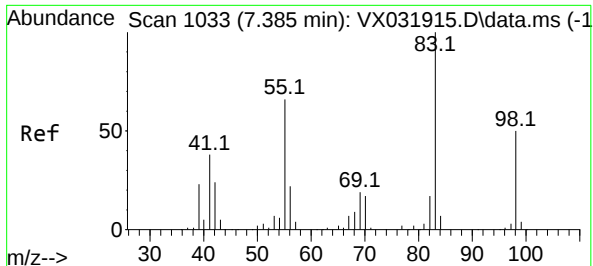
Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

Tgt Ion: 117 Resp: 79953

Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.6	112.0
121	31.1	25.3	37.9





#39

Methylcyclohexane

Concen: 47.247 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 8915

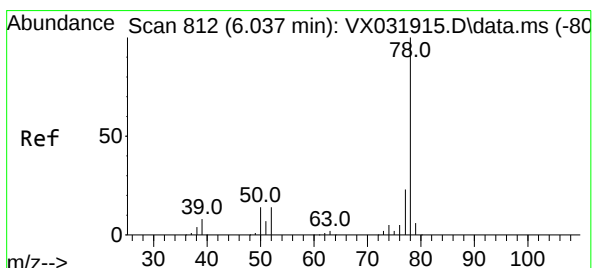
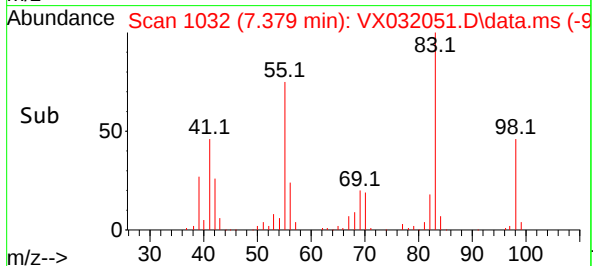
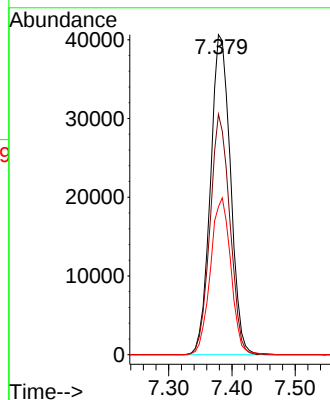
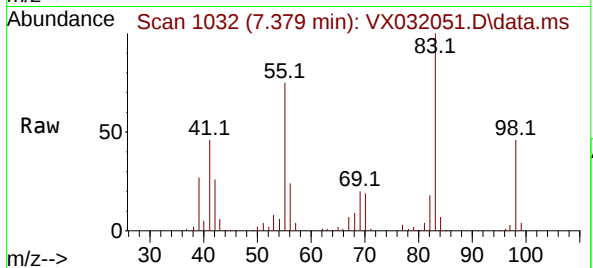
Ion	Ratio	Lower	Upper
83	100		
55	75.1	61.0	91.4
98	46.2	37.7	56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#40

Benzene

Concen: 48.474 ug/l

RT: 6.044 min Scan# 813

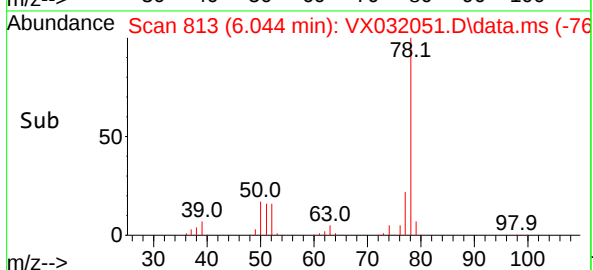
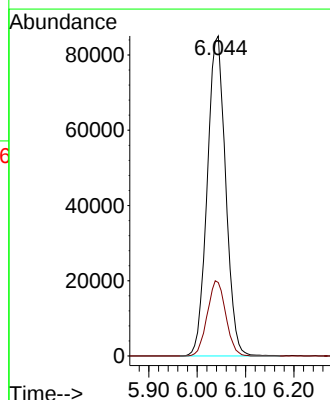
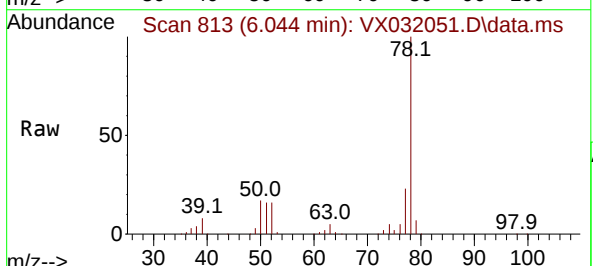
Delta R.T. 0.007 min

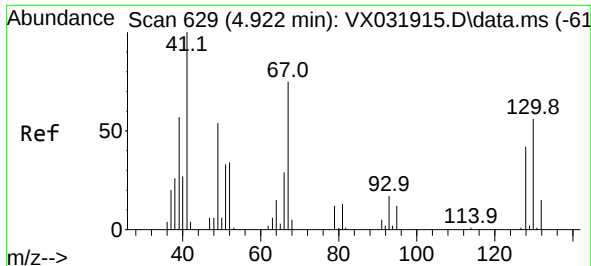
Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

Tgt Ion: 78 Resp: 224563

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.7	28.1





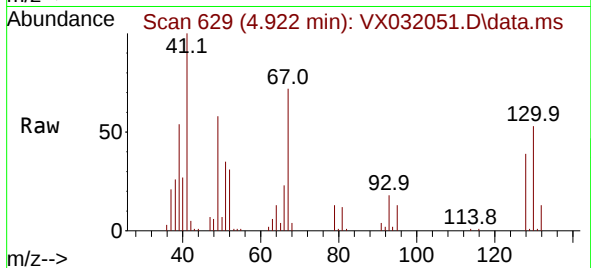
#41
Methacrylonitrile
Concen: 55.500 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



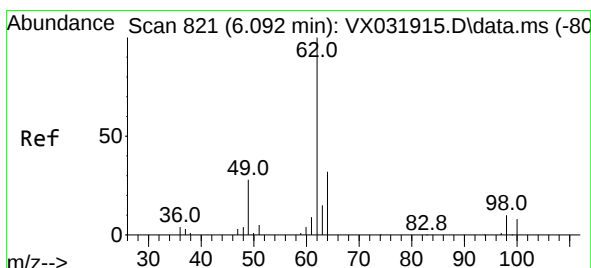
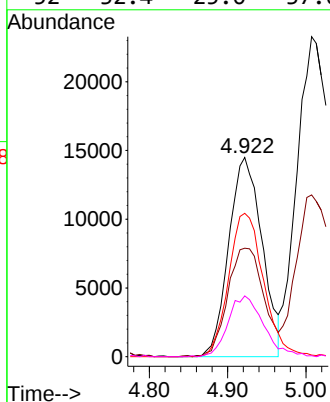
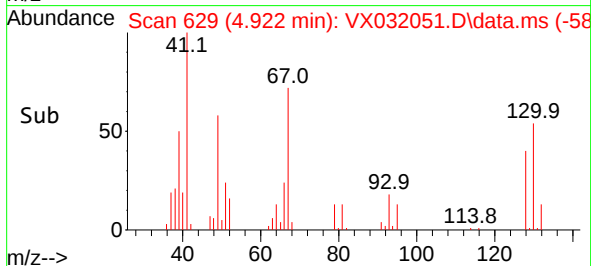
Tgt Ion: 41 Resp: 42980
Ion Ratio Lower Upper
41 100
39 58.6 45.0 67.6
67 75.2 58.2 87.4
52 32.4 25.0 37.6

Manual Integrations

APPROVED

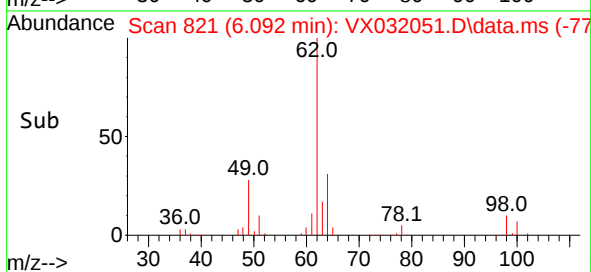
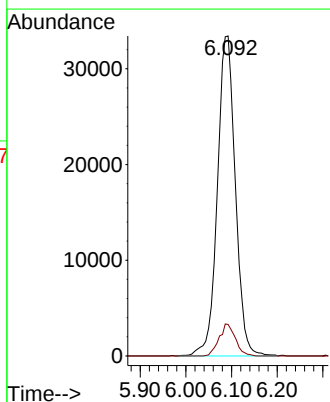
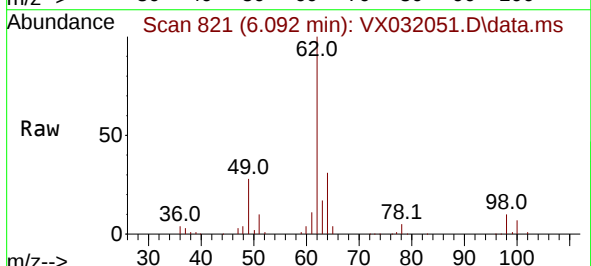
Reviewed By :John Carlone 10/12/2022

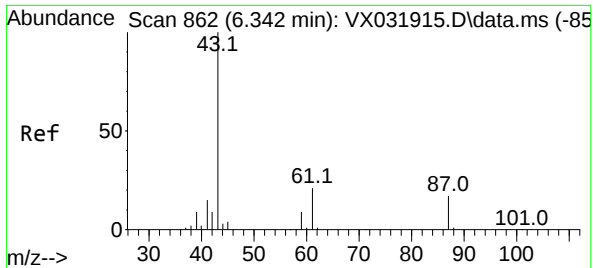
Supervised By :Mahesh Dadoda 10/12/2022



#42
1,2-Dichloroethane
Concen: 54.168 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

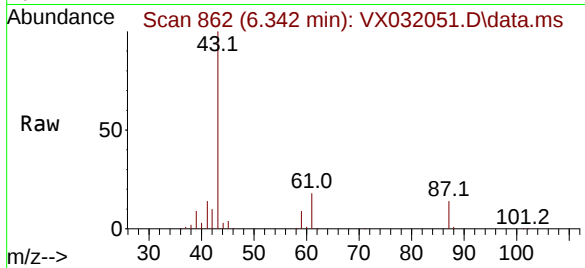
Tgt Ion: 62 Resp: 91442
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.8





#43
Isopropyl Acetate
Concen: 55.702 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

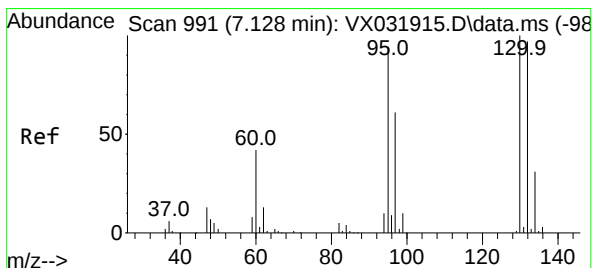
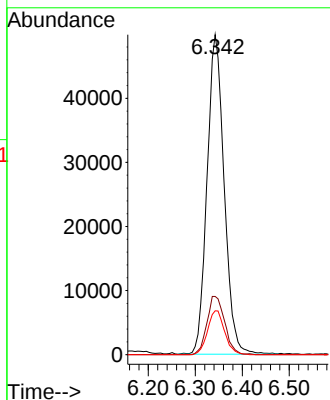
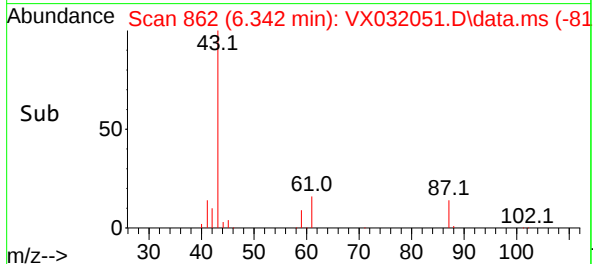
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 12587
Ion Ratio Lower Upper
43 100
61 19.0 15.3 22.9
87 13.7 10.6 15.8

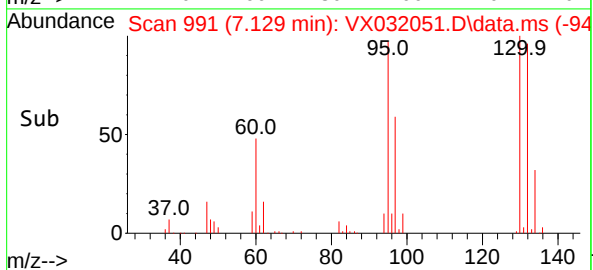
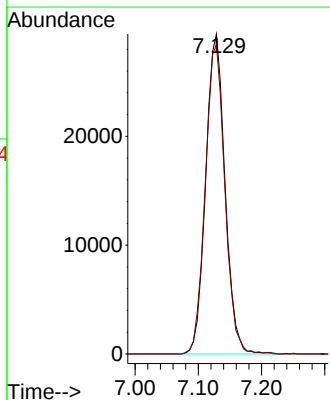
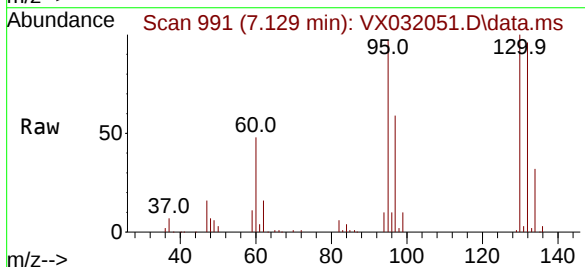
Manual Integrations
APPROVED

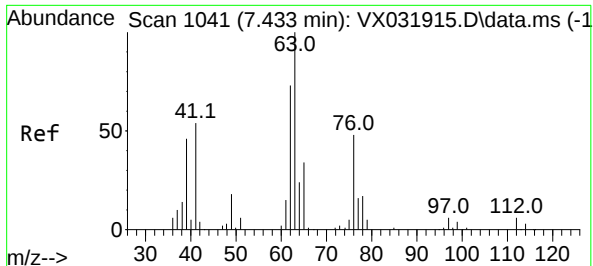
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#44
Trichloroethene
Concen: 45.918 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

Tgt Ion:130 Resp: 62373
Ion Ratio Lower Upper
130 100
95 96.7 0.0 206.8





#45

1,2-Dichloropropane

Concen: 50.892 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.001 min

Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 57940

Ion Ratio Lower Upper

63 100

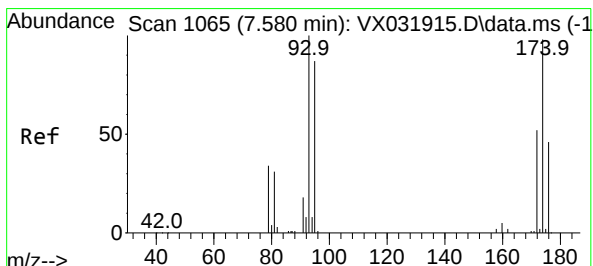
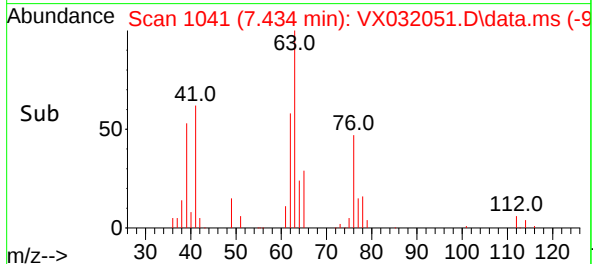
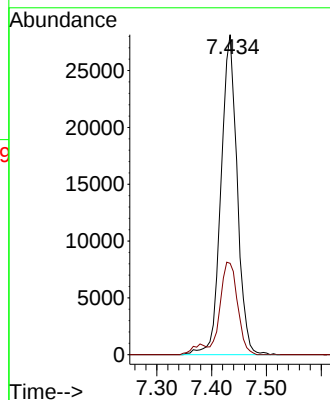
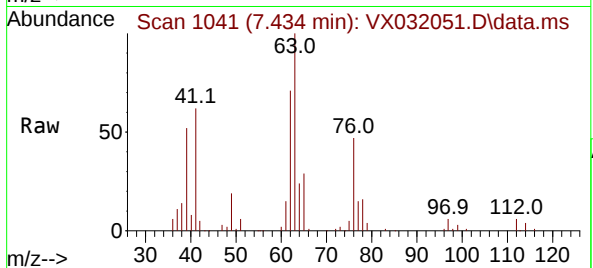
65 28.5 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#46

Dibromomethane

Concen: 49.063 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

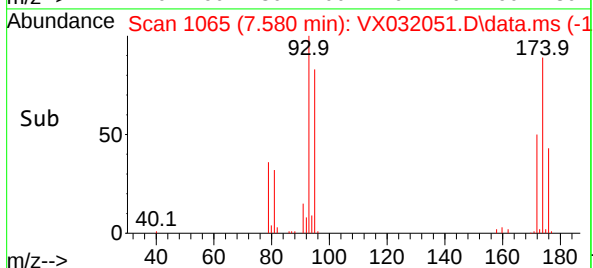
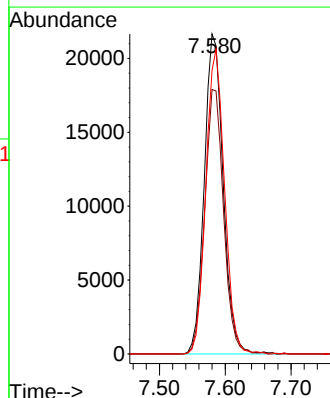
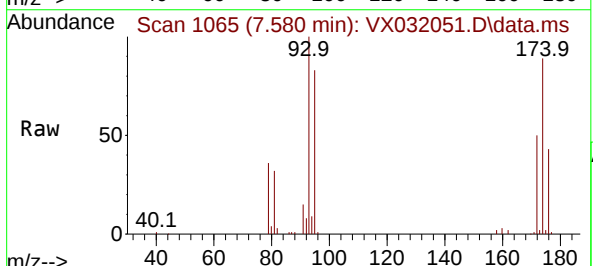
Tgt Ion: 93 Resp: 43289

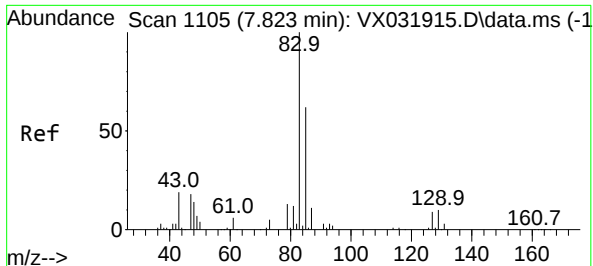
Ion Ratio Lower Upper

93 100

95 82.5 65.5 98.3

174 94.2 67.6 101.4





#47

Bromodichloromethane

Concen: 53.555 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.001 min

Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

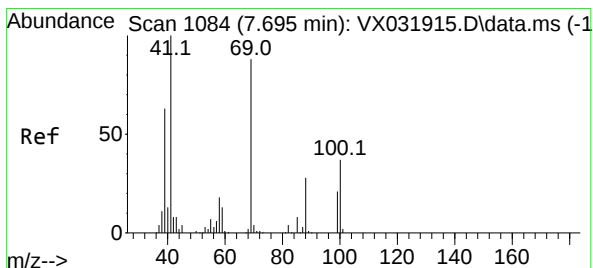
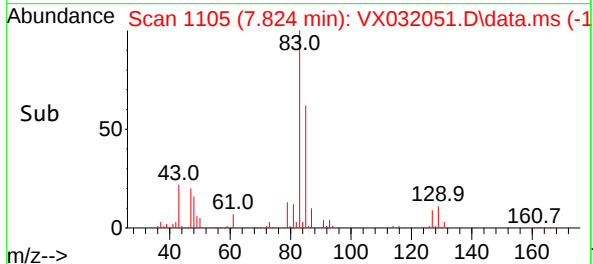
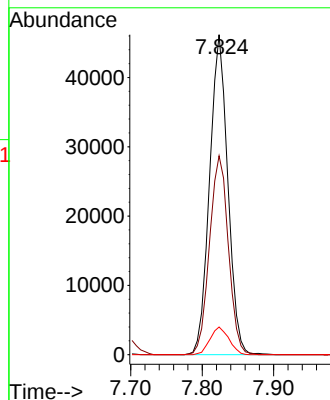
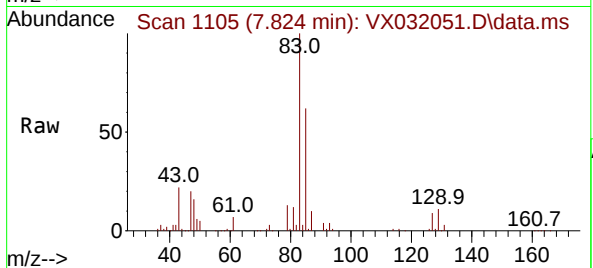
Tgt Ion:	83	Resp:	81628
Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.0	76.6
127	8.7	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#48

Methyl methacrylate

Concen: 58.263 ug/l

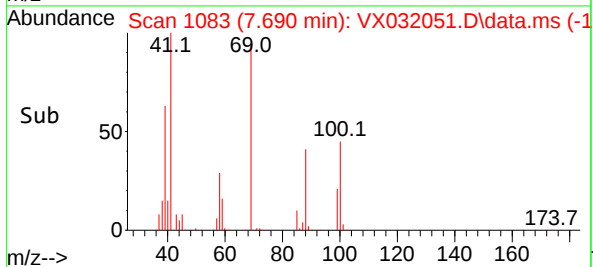
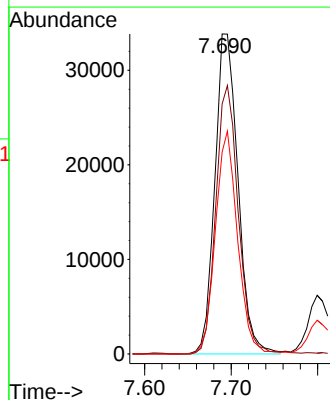
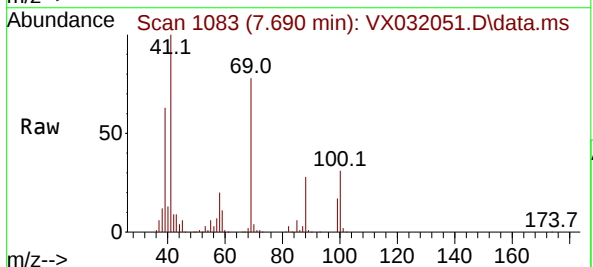
RT: 7.690 min Scan# 1083

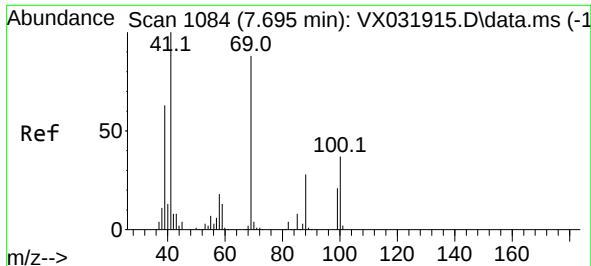
Delta R.T. -0.005 min

Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

Tgt Ion:	41	Resp:	62915
Ion	Ratio	Lower	Upper
41	100		
69	81.8	64.6	96.8
39	66.6	51.4	77.0





#49

1,4-Dioxane

Concen: 1014.079 ug/l

RT: 7.690 min Scan# 1084

Delta R.T. -0.005 min

Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 24748

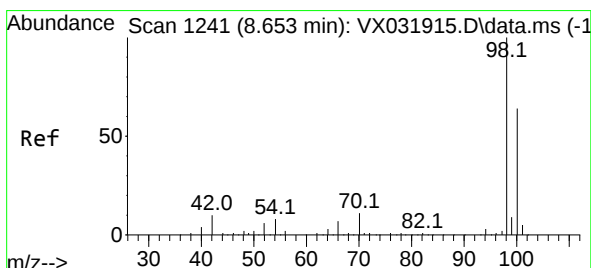
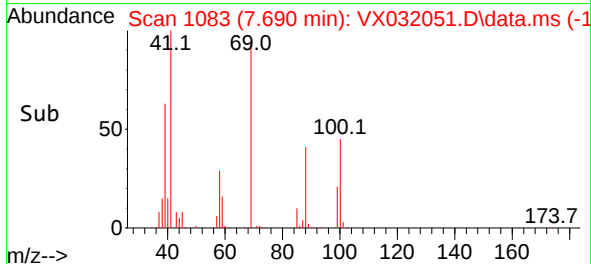
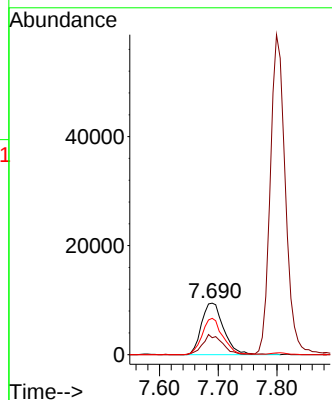
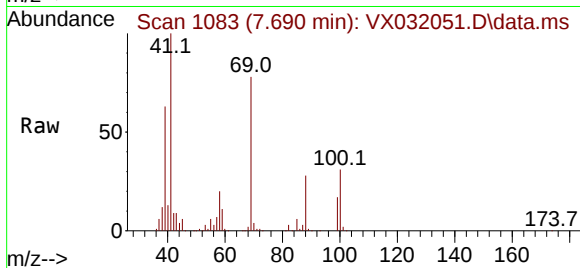
Ion	Ratio	Lower	Upper
88	100		
43	34.6	27.1	40.7
58	65.6	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#50

Toluene-d8

Concen: 52.314 ug/l

RT: 8.653 min Scan# 1241

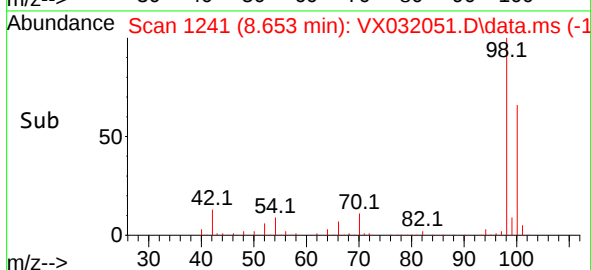
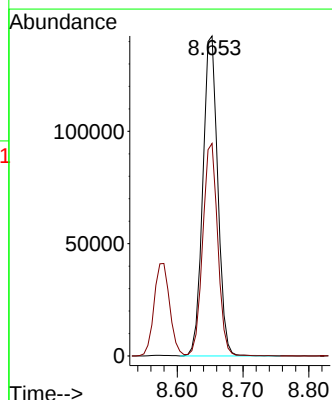
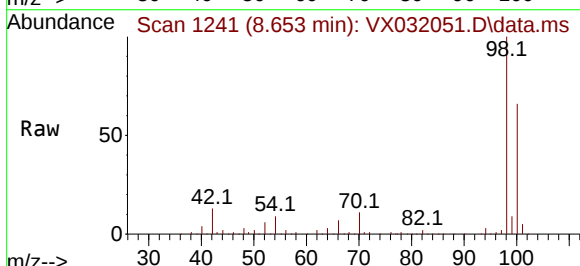
Delta R.T. -0.000 min

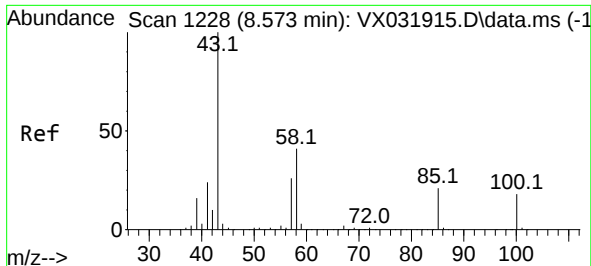
Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

Tgt Ion: 98 Resp: 224584

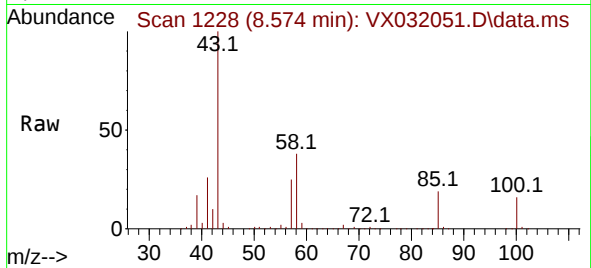
Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 278.209 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

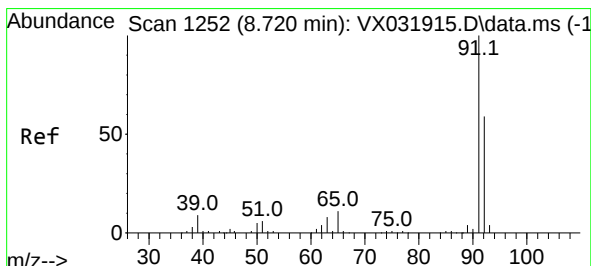
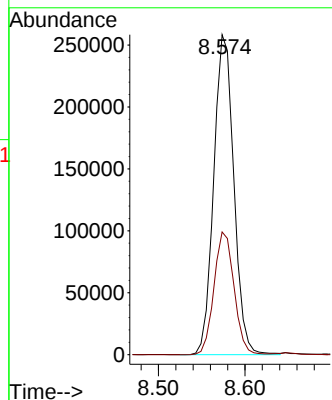
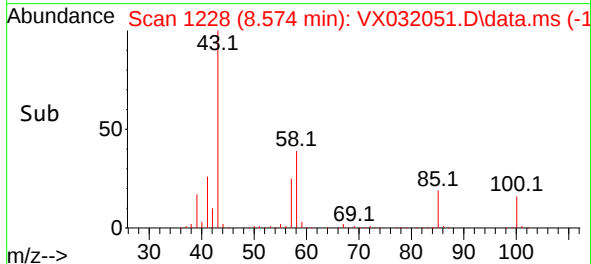
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



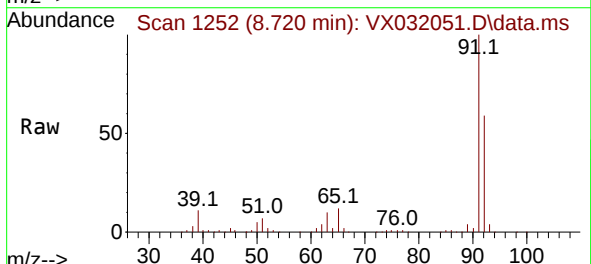
Tgt Ion: 43 Resp: 41663
Ion Ratio Lower Upper
43 100
58 38.3 30.6 46.0

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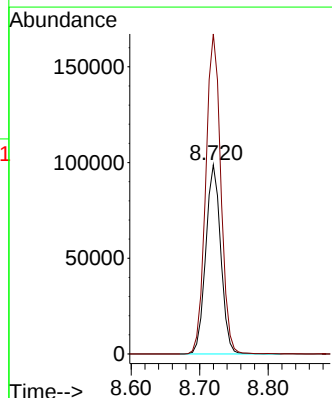
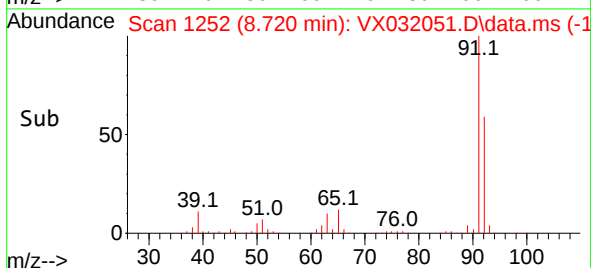
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

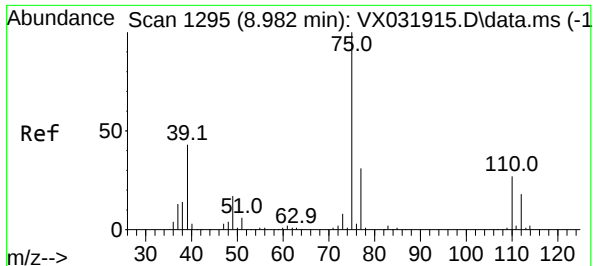


#52
Toluene
Concen: 49.699 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48



Tgt Ion: 92 Resp: 150536
Ion Ratio Lower Upper
92 100
91 169.9 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 49.203 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 80698

Ion Ratio Lower Upper

75 100

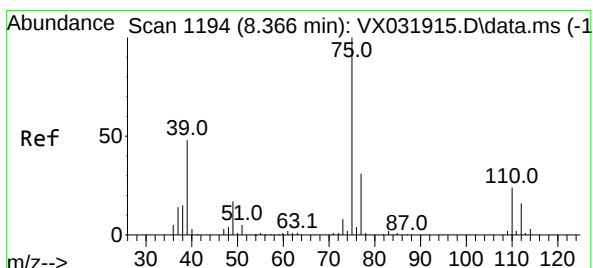
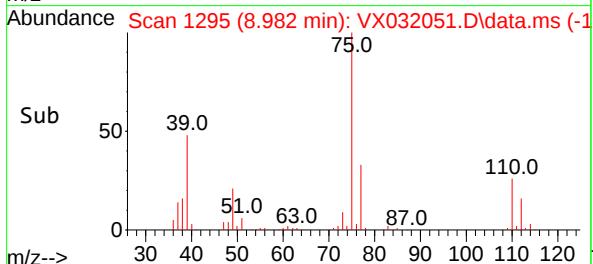
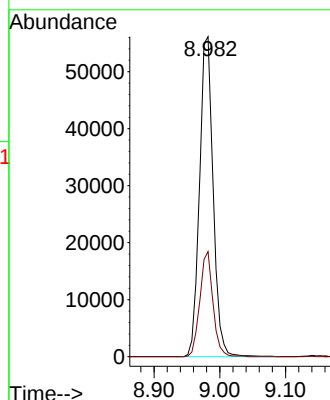
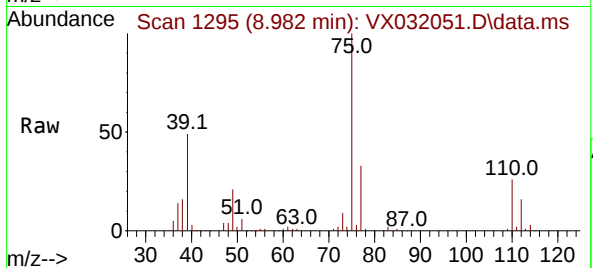
77 32.8 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#54

cis-1,3-Dichloropropene

Concen: 53.733 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

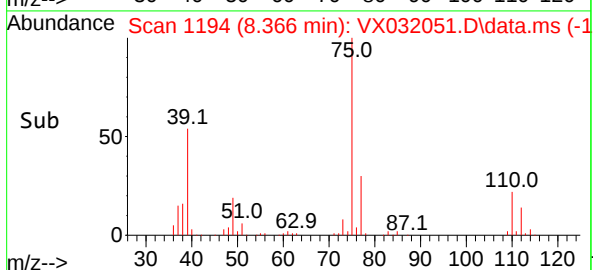
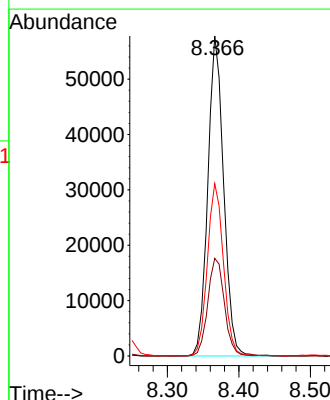
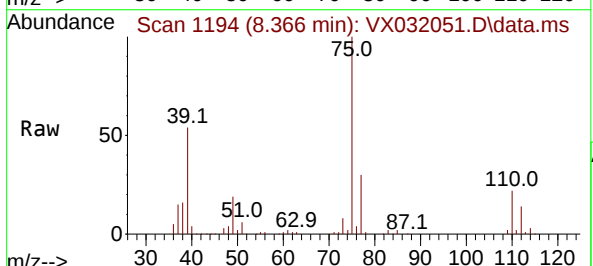
Tgt Ion: 75 Resp: 88695

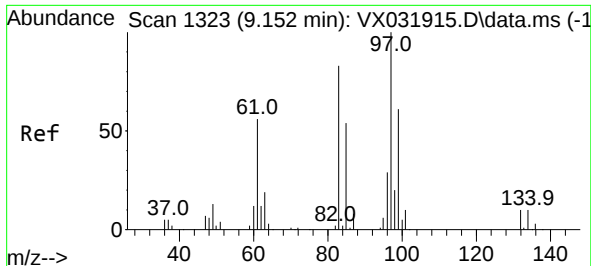
Ion Ratio Lower Upper

75 100

77 30.5 24.4 36.6

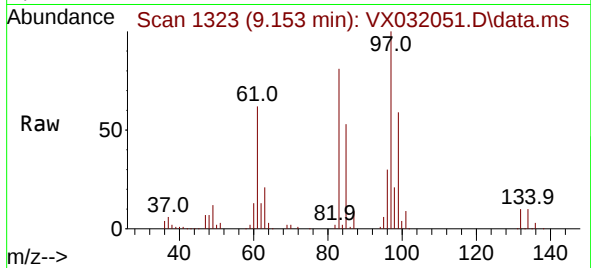
39 53.7 43.7 65.5





#55
1,1,2-Trichloroethane
Concen: 49.209 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

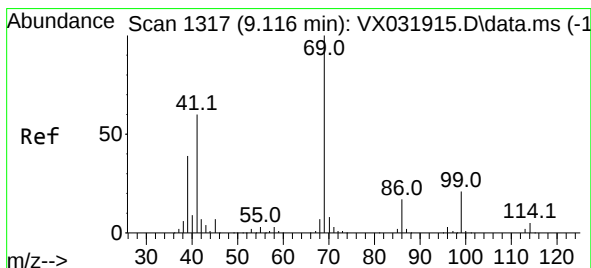
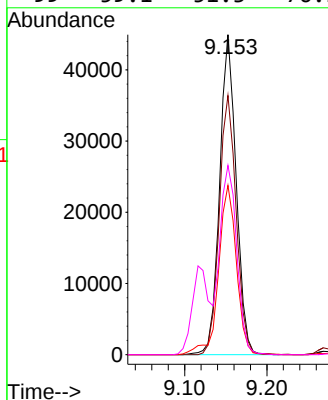
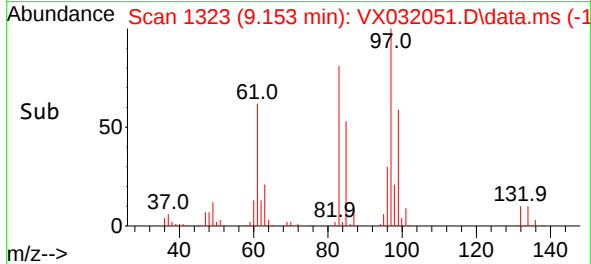
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



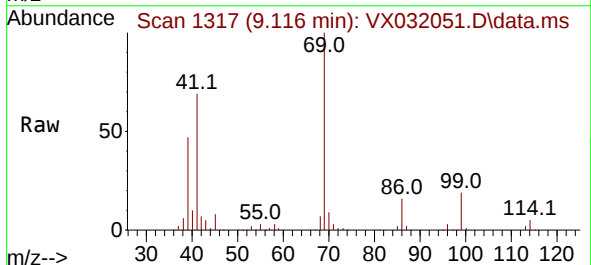
Tgt Ion: 97 Resp: 62909
Ion Ratio Lower Upper
97 100
83 81.0 69.0 103.6
85 52.9 44.1 66.1
99 59.1 51.3 76.9

Manual Integrations
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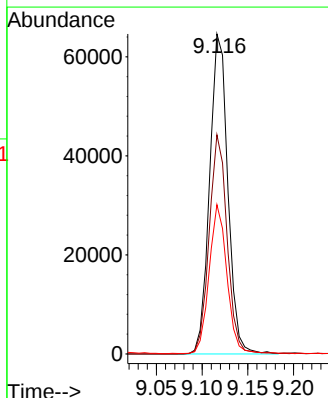
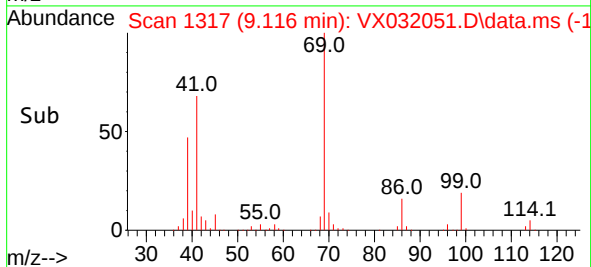
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

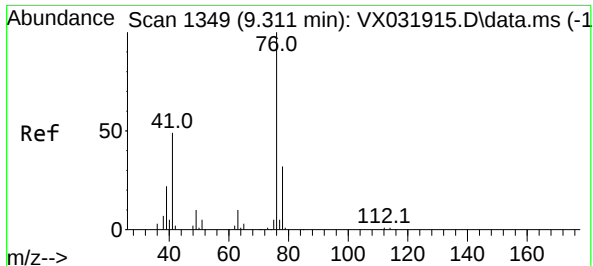


#56
Ethyl methacrylate
Concen: 54.557 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48



Tgt Ion: 69 Resp: 89402
Ion Ratio Lower Upper
69 100
41 67.8 54.2 81.4
39 45.7 34.2 51.2





#57

1,3-Dichloropropane

Concen: 51.096 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 104969

Ion Ratio Lower Upper

76 100

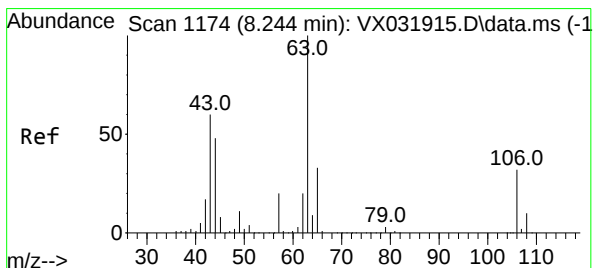
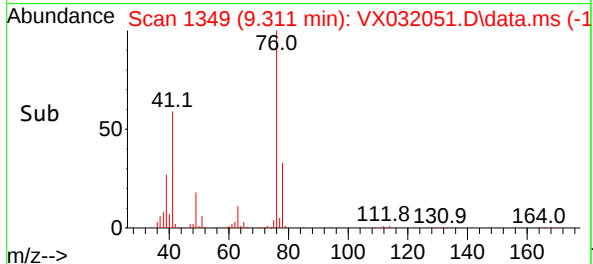
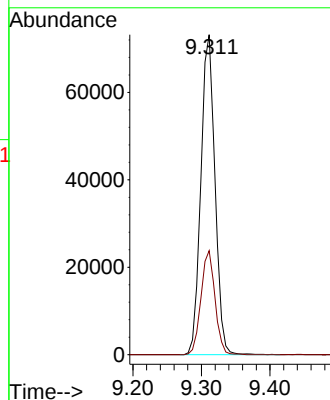
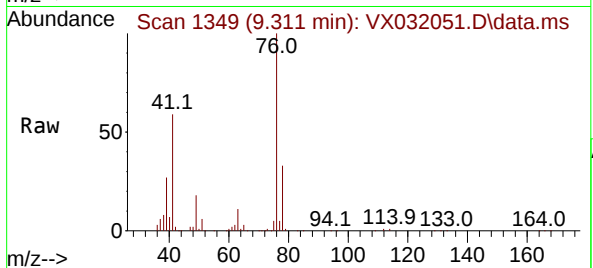
78 32.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 273.141 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX032051.D

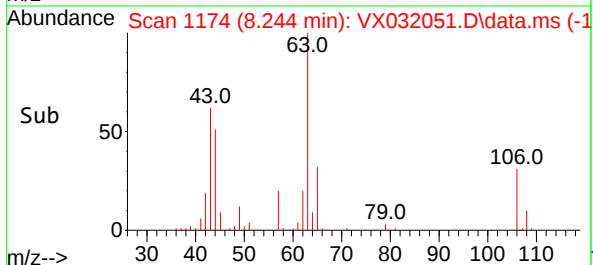
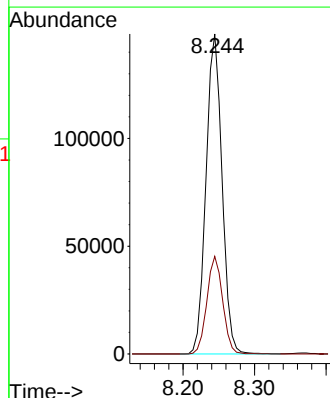
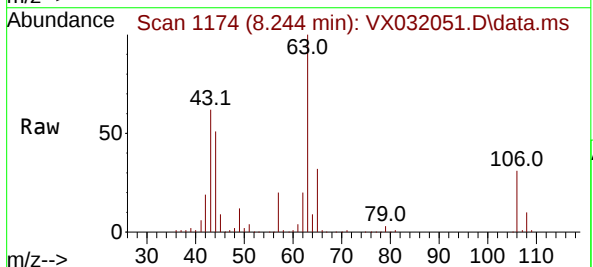
Acq: 11 Oct 2022 20:48

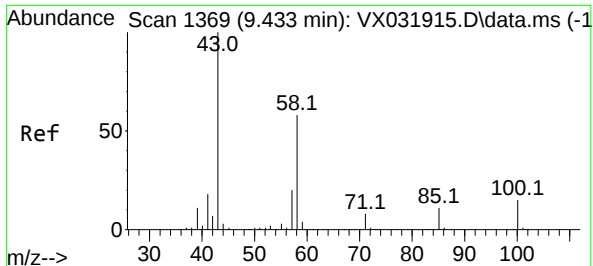
Tgt Ion: 63 Resp: 231050

Ion Ratio Lower Upper

63 100

106 30.0 22.6 34.0





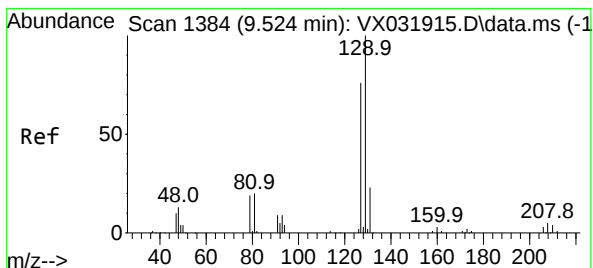
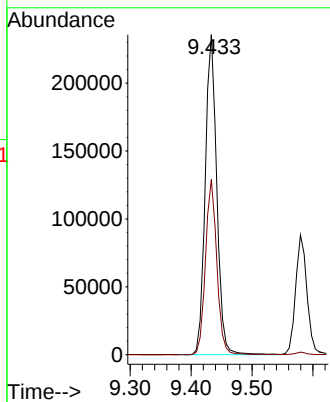
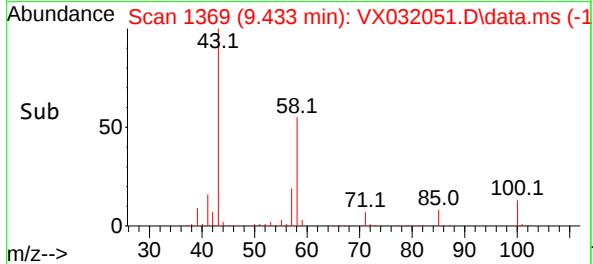
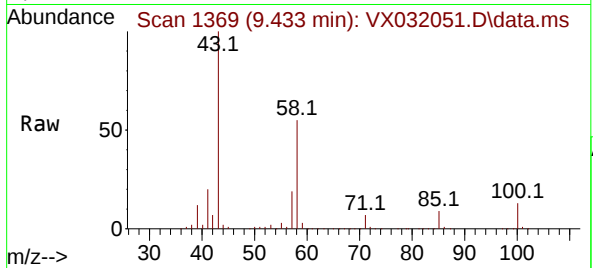
#59
2-Hexanone
Concen: 281.328 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 31064
Ion Ratio Lower Upper
43 100
58 53.9 26.7 80.0

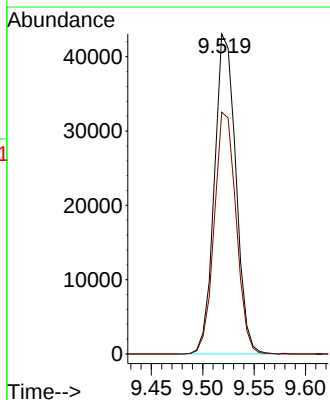
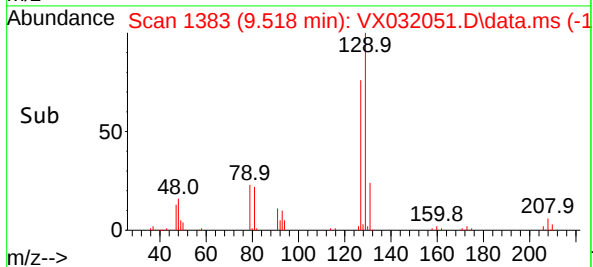
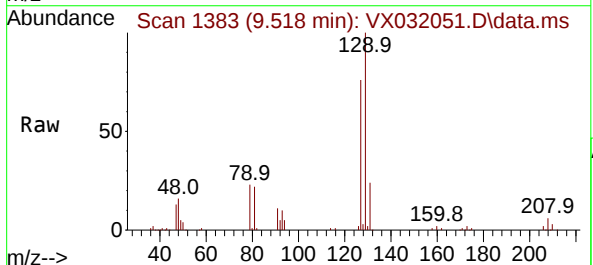
Manual Integrations
APPROVED

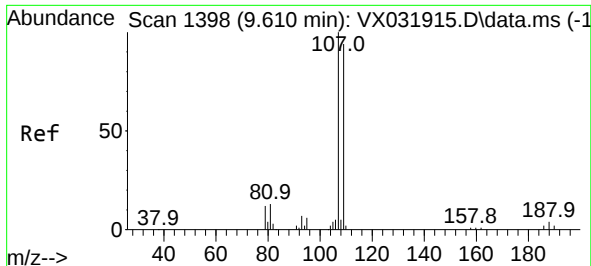
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#60
Dibromochloromethane
Concen: 53.336 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.005 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

Tgt Ion:129 Resp: 62401
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1





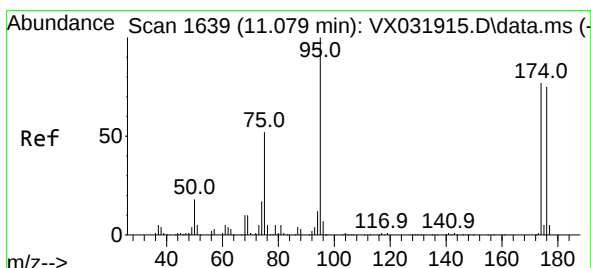
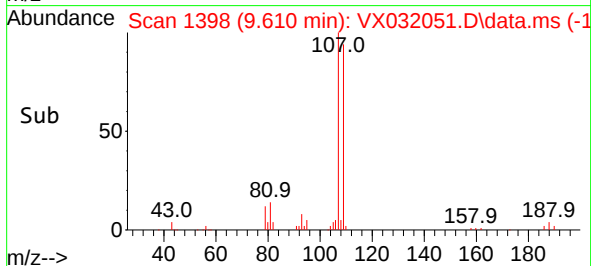
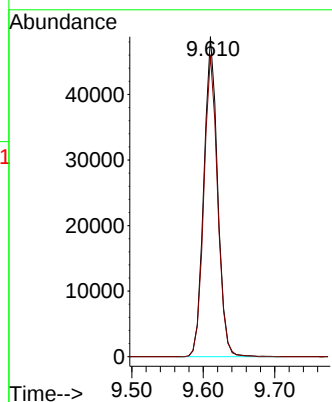
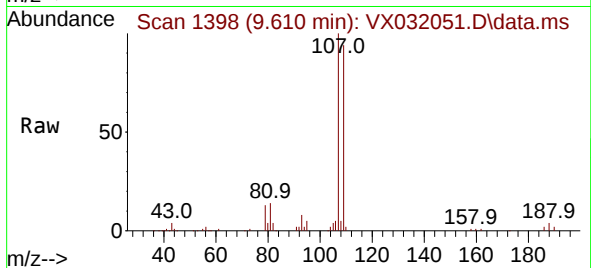
#61
1,2-Dibromoethane
Concen: 50.869 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 65398
Ion Ratio Lower Upper
107 100
109 94.0 74.2 111.4

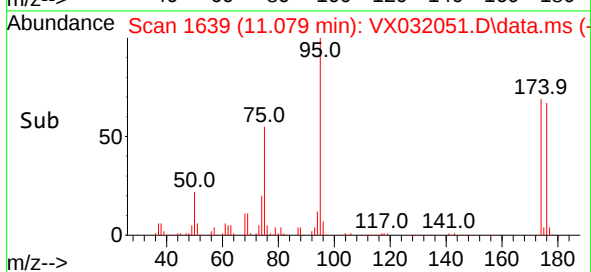
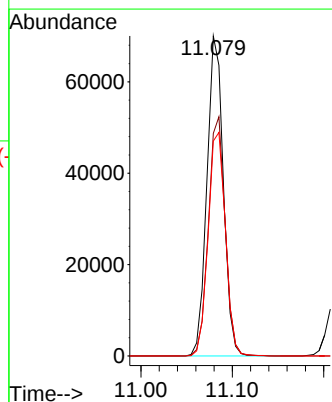
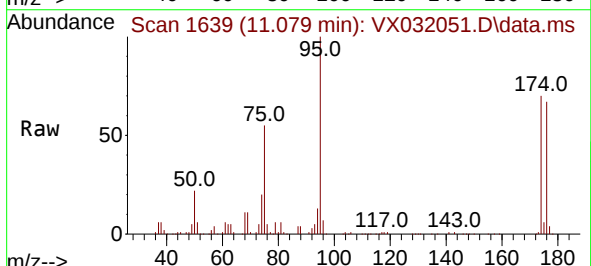
Manual Integrations
APPROVED

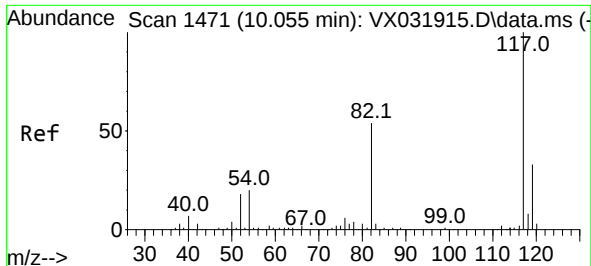
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#62
4-Bromofluorobenzene
Concen: 57.384 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

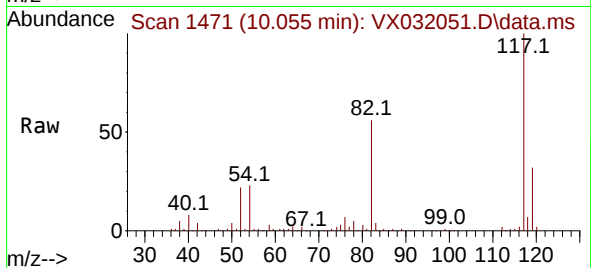
Tgt Ion: 95 Resp: 87092
Ion Ratio Lower Upper
95 100
174 76.3 0.0 153.2
176 73.6 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

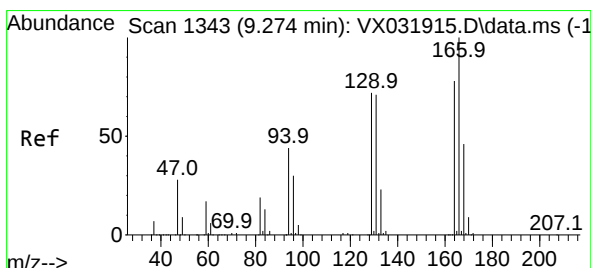
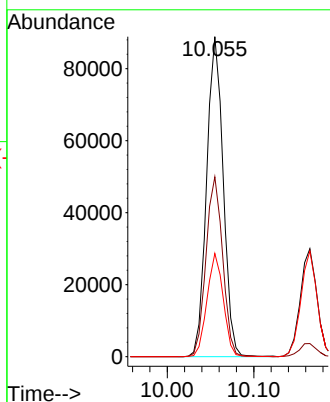
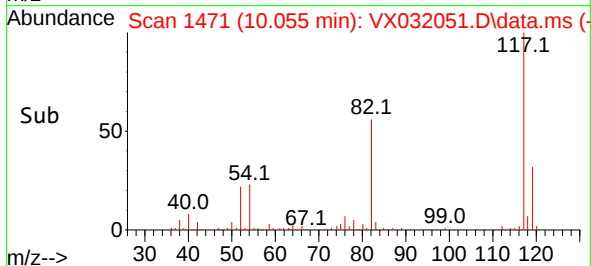
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



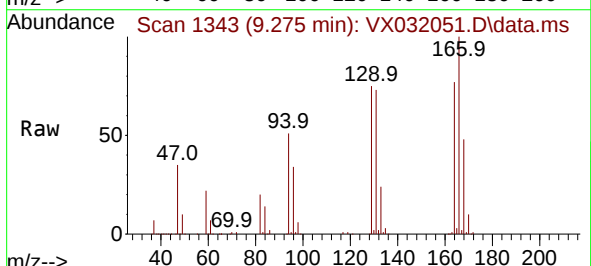
Tgt Ion:117 Resp: 11814
Ion Ratio Lower Upper
117 100
82 56.2 46.8 70.2
119 32.2 26.4 39.6

Manual Integrations
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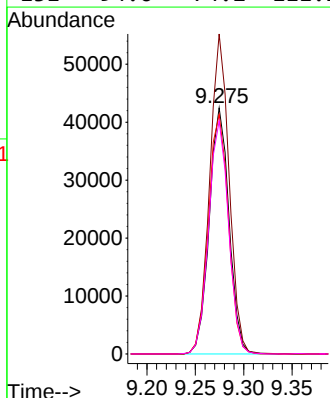
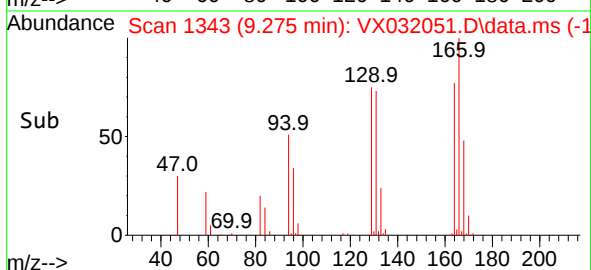
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

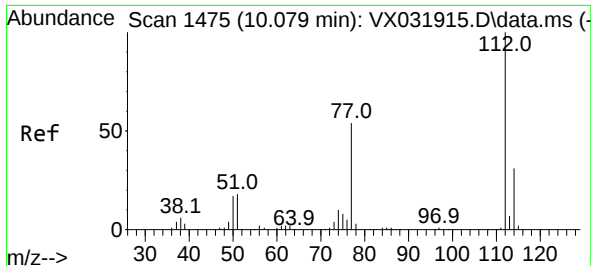


#64
Tetrachloroethene
Concen: 45.285 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48



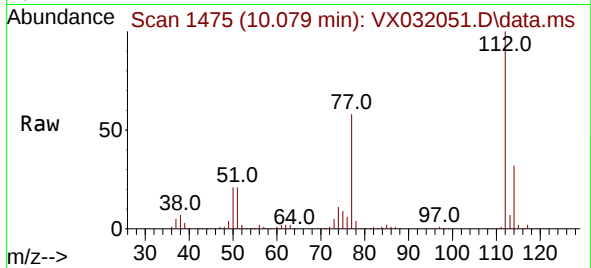
Tgt Ion:164 Resp: 60404
Ion Ratio Lower Upper
164 100
166 130.0 99.0 148.4
129 97.3 78.0 117.0
131 94.6 74.2 111.2





#65
Chlorobenzene
Concen: 45.396 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

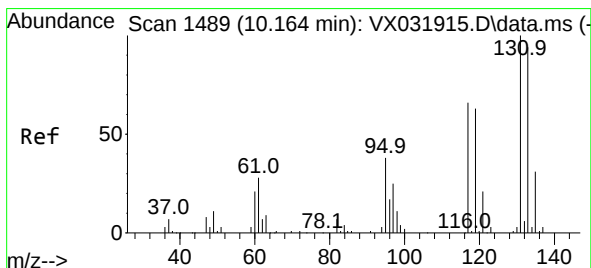
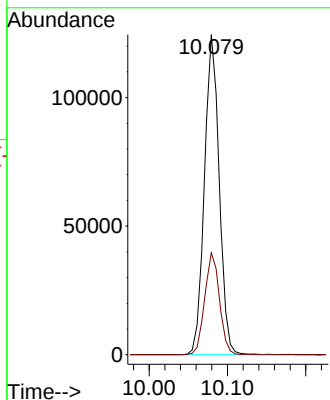
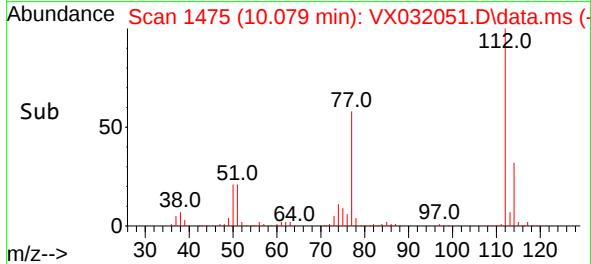
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 162512
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

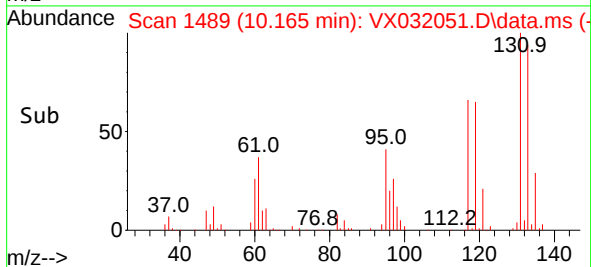
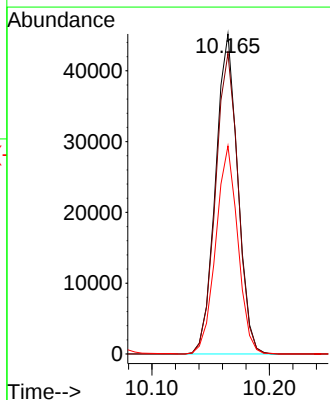
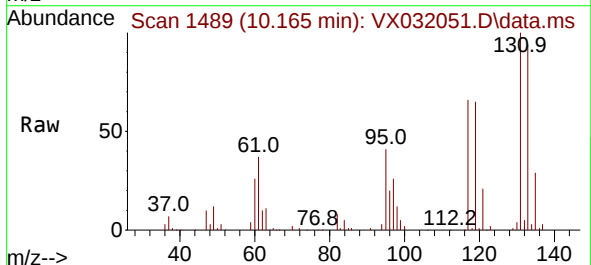
Manual Integrations
APPROVED

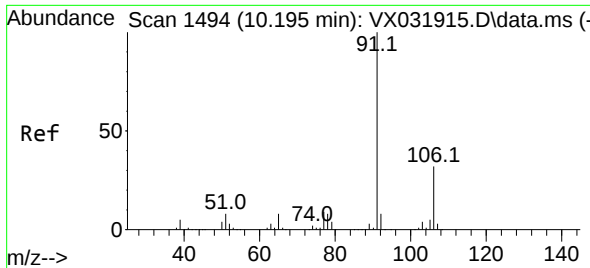
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 47.899 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

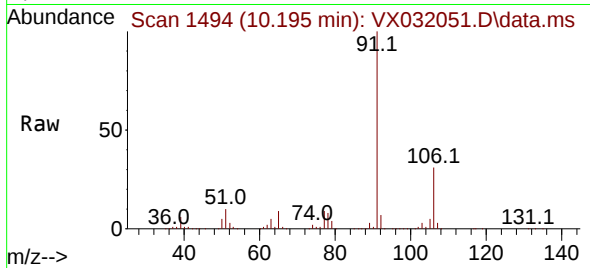
Tgt Ion:131 Resp: 59332
Ion Ratio Lower Upper
131 100
133 96.0 46.6 139.7
119 64.5 31.9 95.9





#67
Ethyl Benzene
Concen: 48.534 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

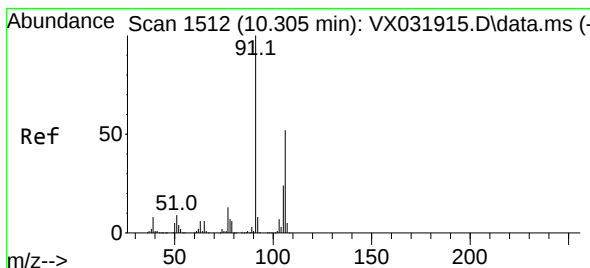
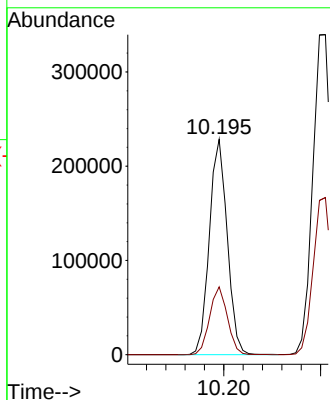
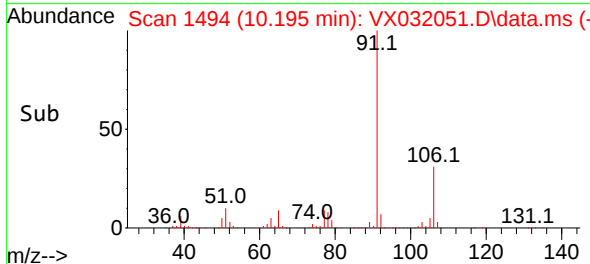
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



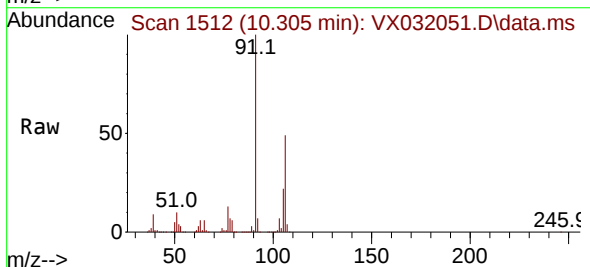
Tgt Ion: 91 Resp: 293929
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8

Manual Integrations
APPROVED

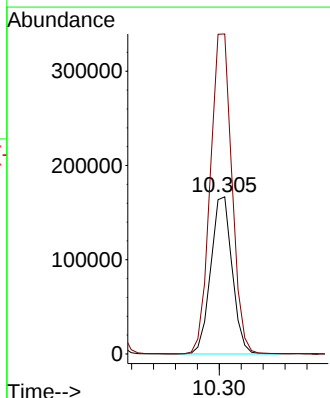
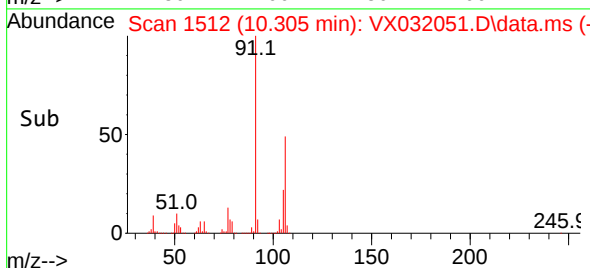
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

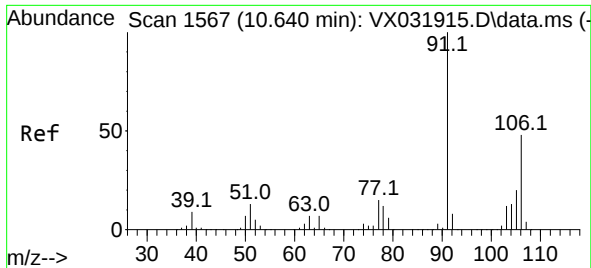


#68
m/p-Xylenes
Concen: 93.911 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48



Tgt Ion:106 Resp: 226011
Ion Ratio Lower Upper
106 100
91 206.2 161.0 241.4





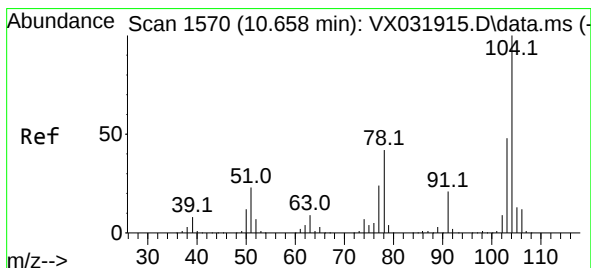
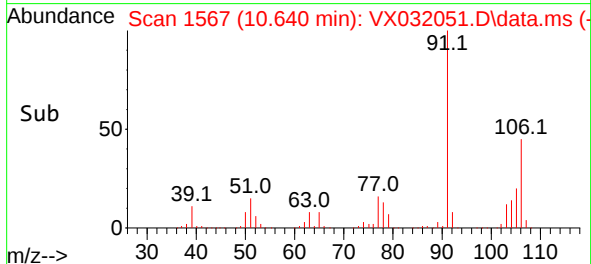
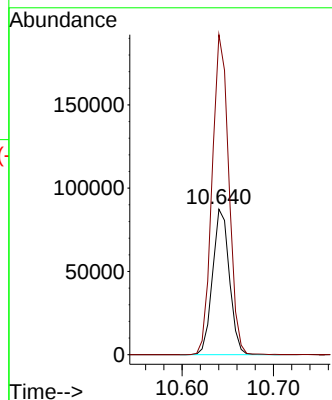
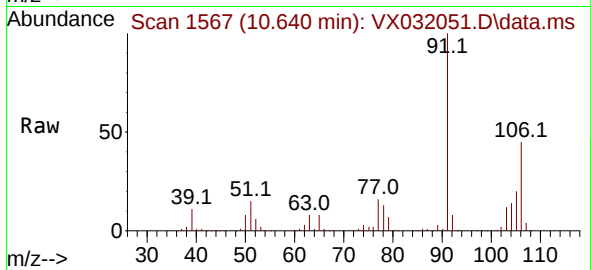
#69
o-Xylene
Concen: 47.554 ug/l
RT: 10.640 min Scan# 11123
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 11123
Ion Ratio Lower Upper
106 100
91 218.6 107.2 321.6

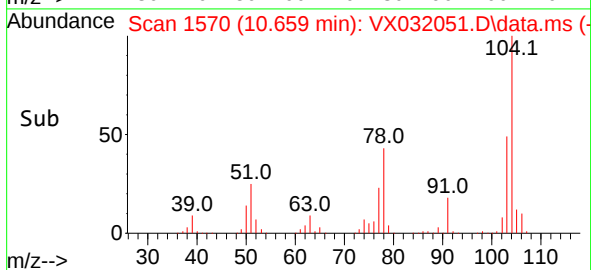
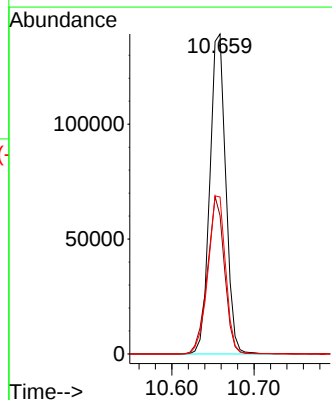
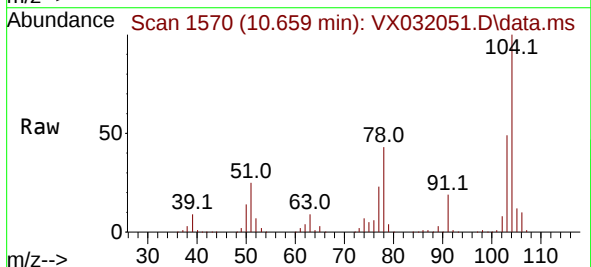
Manual Integrations
APPROVED

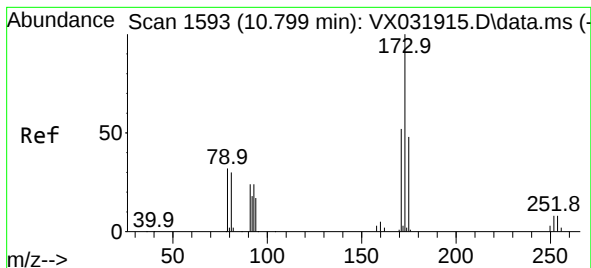
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#70
Styrene
Concen: 50.287 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

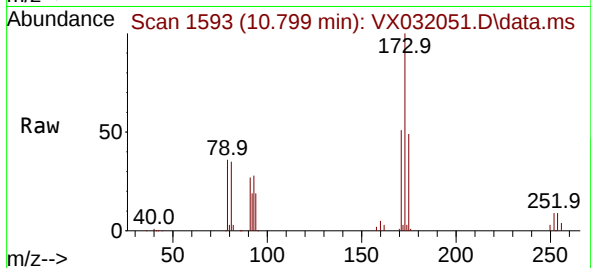
Tgt Ion:104 Resp: 188048
Ion Ratio Lower Upper
104 100
78 52.6 41.4 62.2
103 54.3 43.8 65.8





#71
Bromoform
Concen: 50.125 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

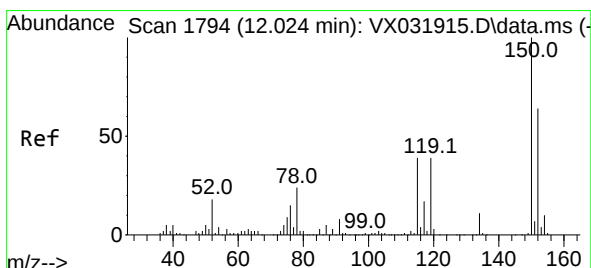
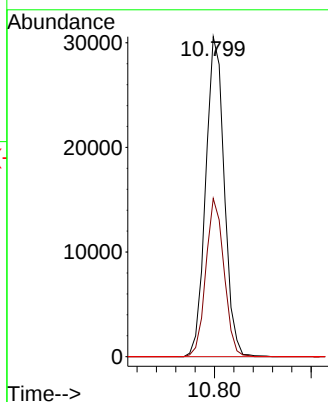
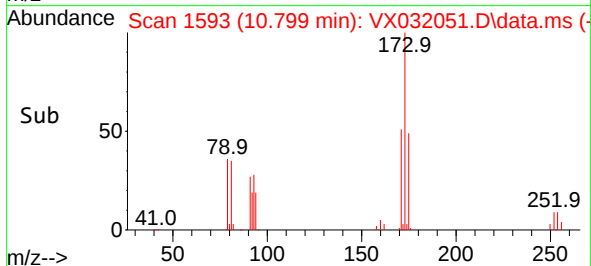
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 4064
Ion Ratio Lower Upper
173 100
175 48.4 24.0 72.0
254 0.0 0.0 0.0

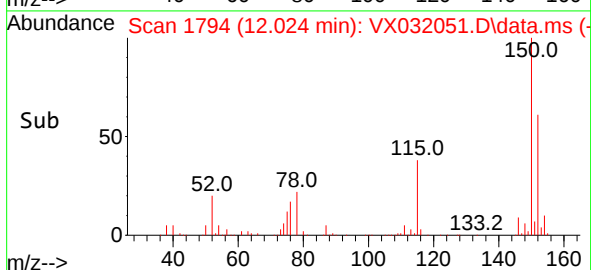
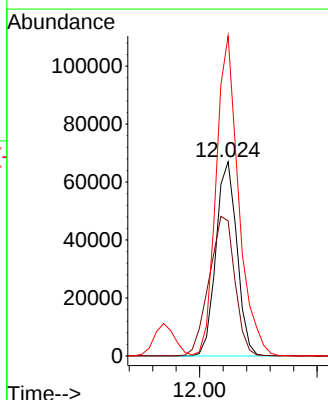
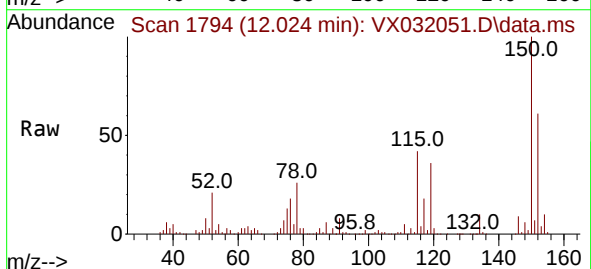
Manual Integrations
APPROVED

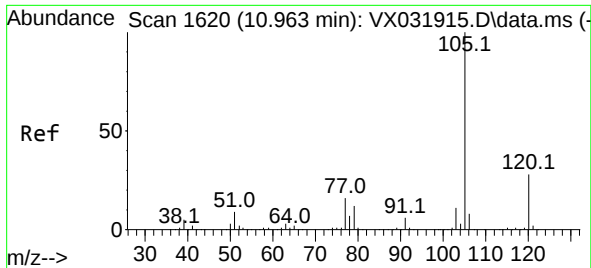
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

Tgt Ion:152 Resp: 83252
Ion Ratio Lower Upper
152 100
115 88.4 43.4 130.1
150 176.3 0.0 346.8





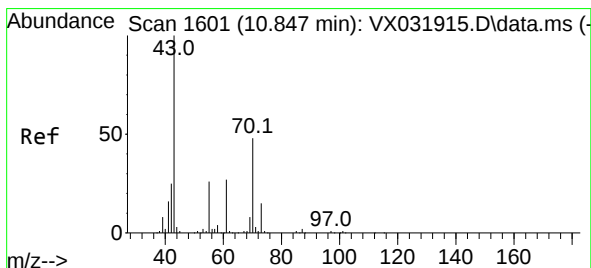
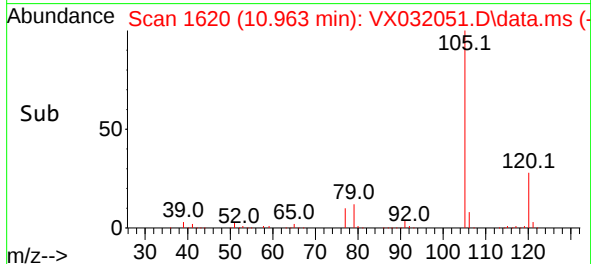
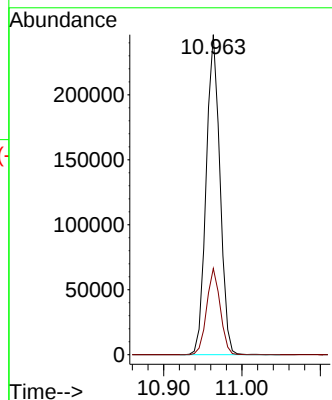
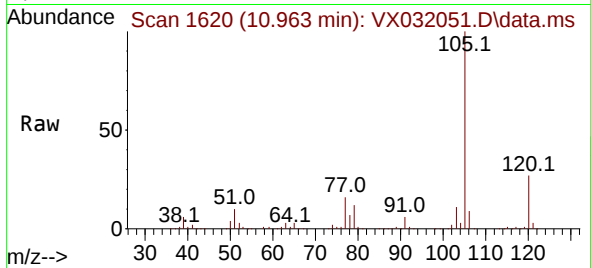
#73
Isopropylbenzene
Concen: 47.737 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 29974
Ion Ratio Lower Upper
105 100
120 26.4 13.7 41.0

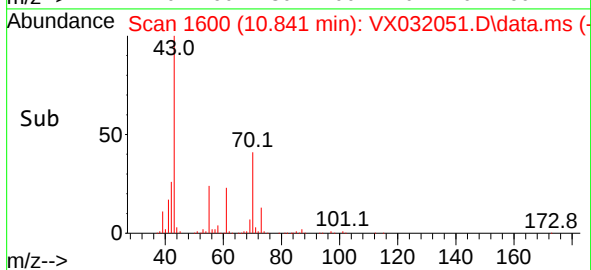
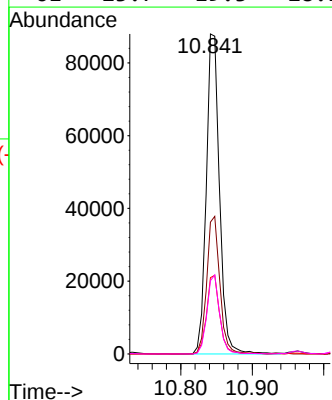
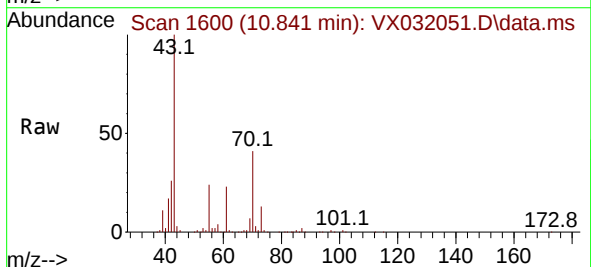
Manual Integrations
APPROVED

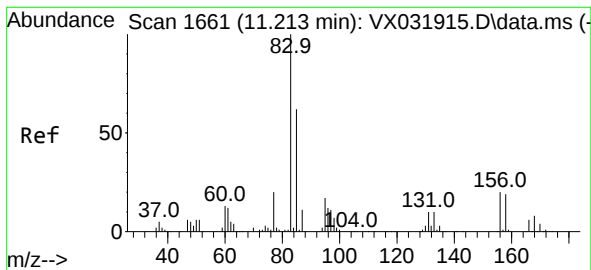
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#74
N-ethyl acetate
Concen: 59.087 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

Tgt Ion: 43 Resp: 113298
Ion Ratio Lower Upper
43 100
70 42.6 33.4 50.2
55 24.5 18.2 27.2
61 23.7 19.3 28.9





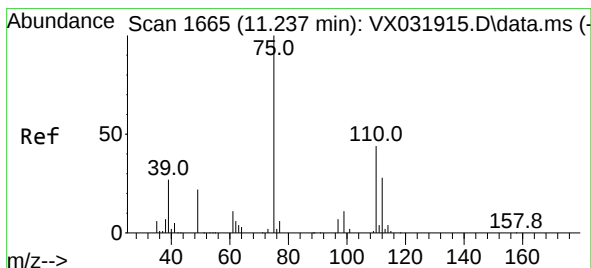
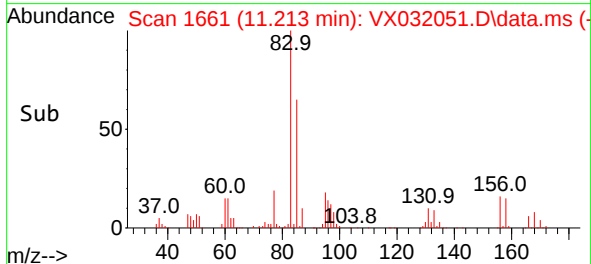
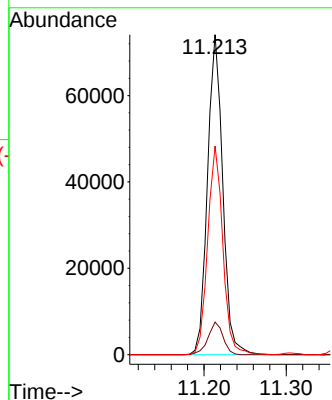
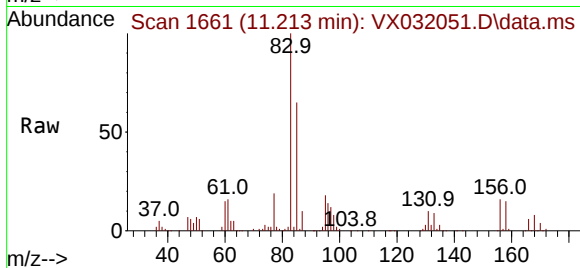
#75
1,1,2,2-Tetrachloroethane
Concen: 47.762 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 95280
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.4
85 64.8 32.6 97.8

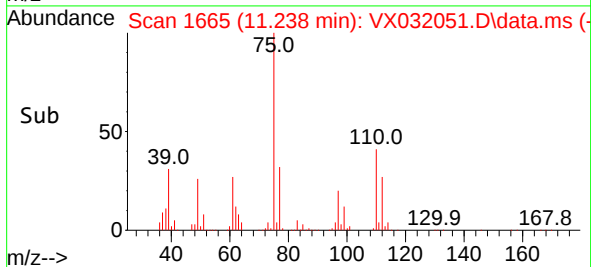
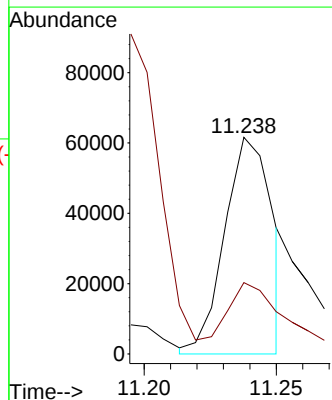
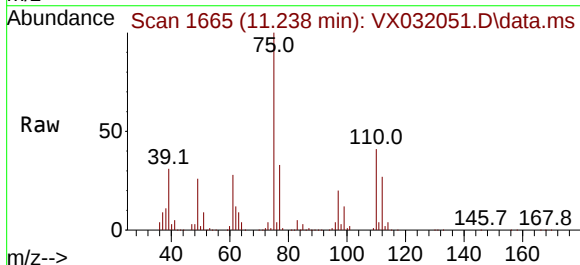
Manual Integrations
APPROVED

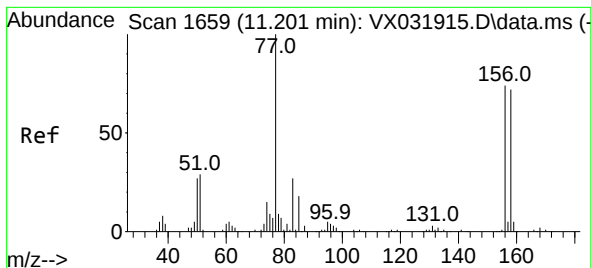
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#76
1,2,3-Trichloropropane
Concen: 45.175 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

Tgt Ion: 75 Resp: 77080
Ion Ratio Lower Upper
75 100
77 42.1 20.3 60.9





#77

Bromobenzene

Concen: 45.160 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 69850

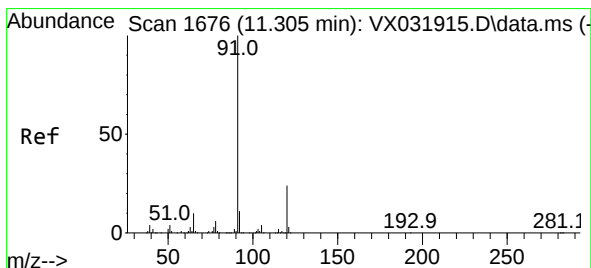
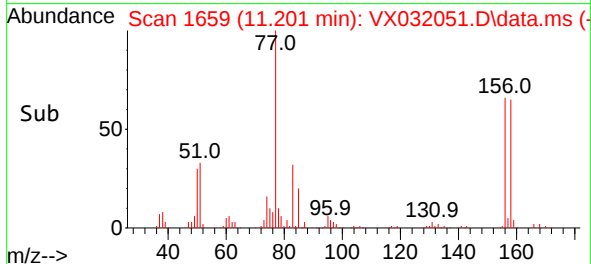
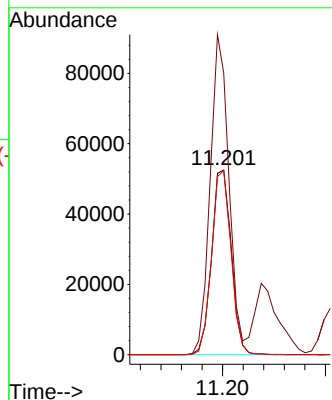
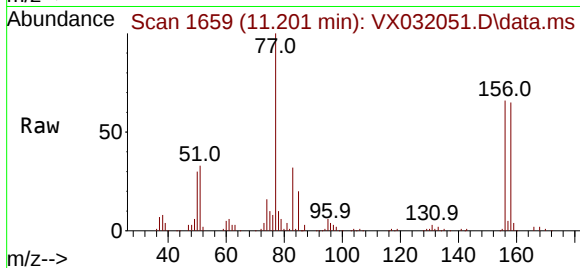
Ion	Ratio	Lower	Upper
156	100		
77	163.8	79.5	238.6
158	97.9	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#78

n-propylbenzene

Concen: 49.751 ug/l

RT: 11.305 min Scan# 1676

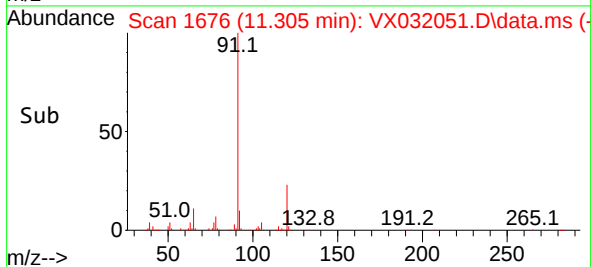
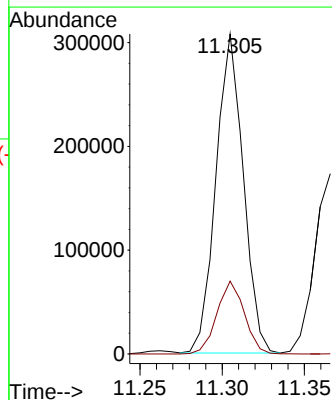
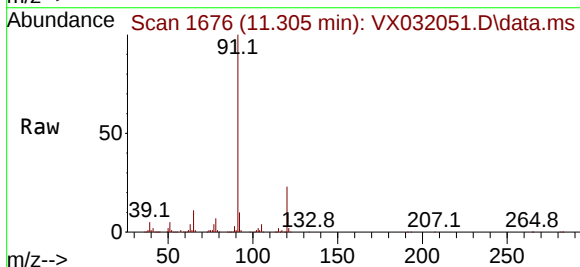
Delta R.T. -0.000 min

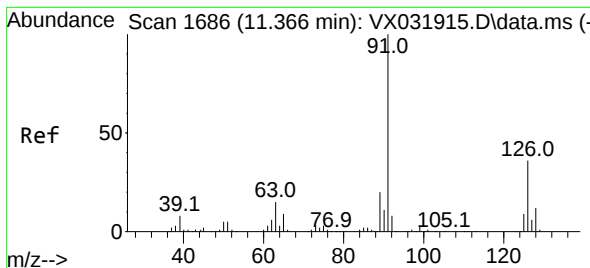
Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

Tgt Ion: 91 Resp: 355317

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.8	35.4





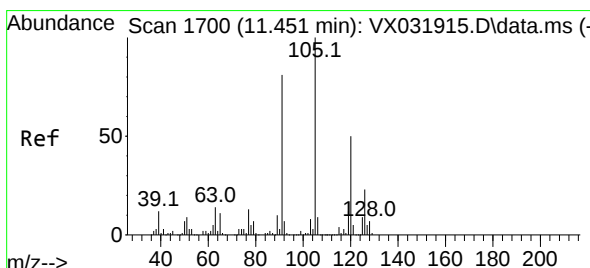
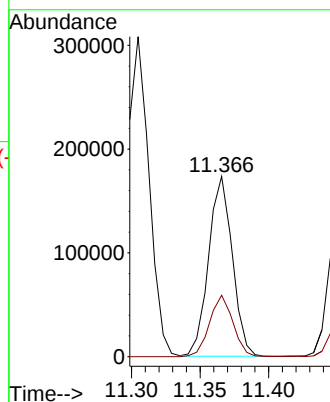
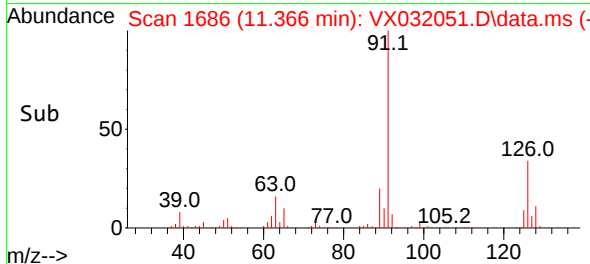
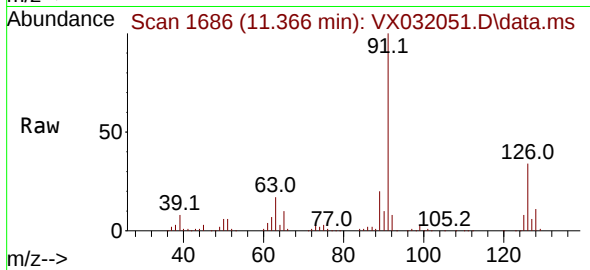
#79
2-Chlorotoluene
Concen: 48.605 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 208899
Ion Ratio Lower Upper
91 100
126 33.7 17.4 52.3

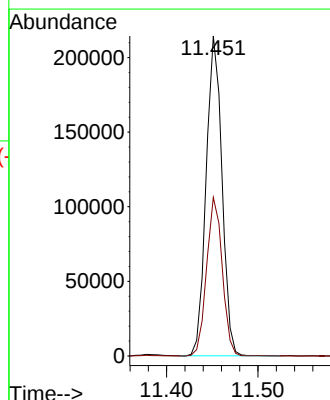
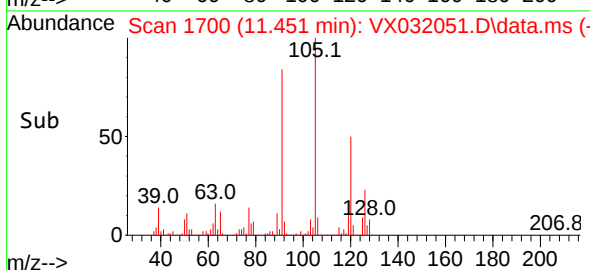
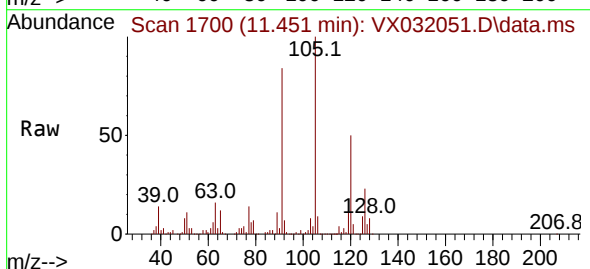
Manual Integrations
APPROVED

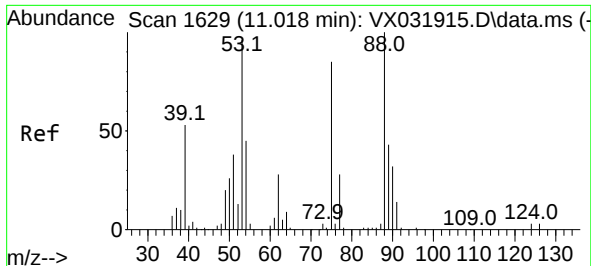
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.286 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

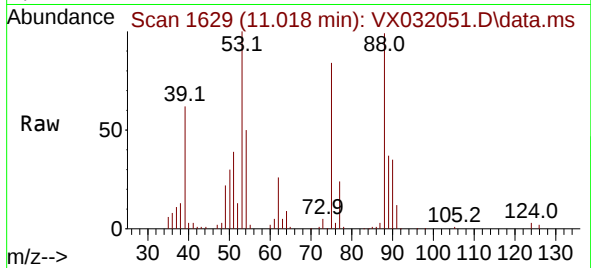
Tgt Ion:105 Resp: 256667
Ion Ratio Lower Upper
105 100
120 49.0 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 46.032 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

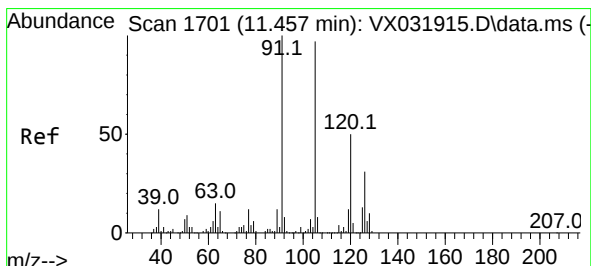
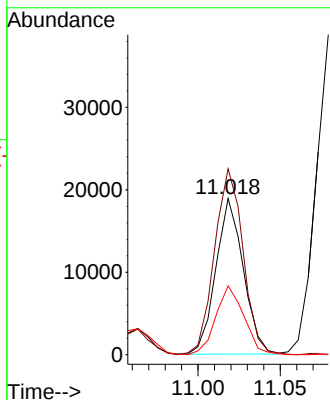
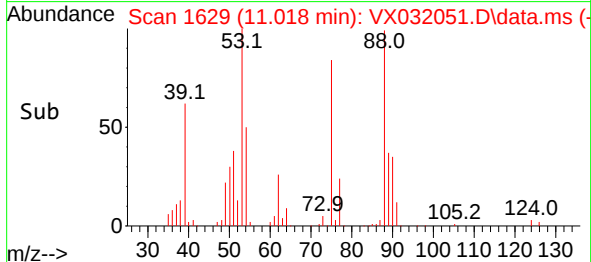
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



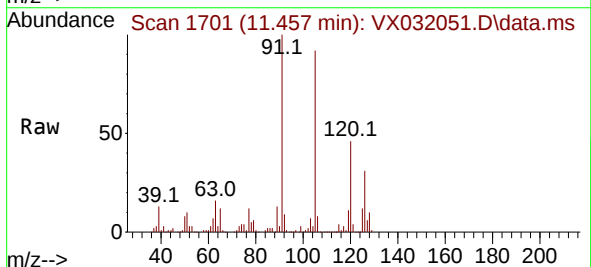
Tgt Ion: 75 Resp: 21980
Ion Ratio Lower Upper
75 100
53 123.9 77.6 116.4
89 45.1 37.4 56.0

Manual Integrations
APPROVED

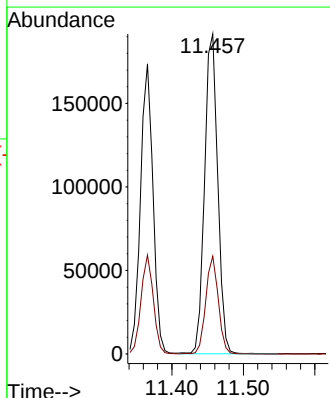
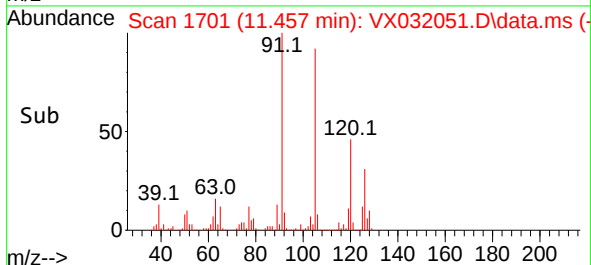
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

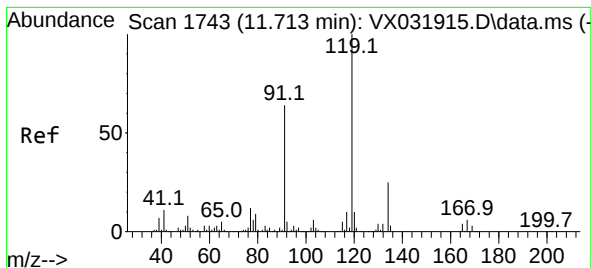


#82
4-Chlorotoluene
Concen: 49.744 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48



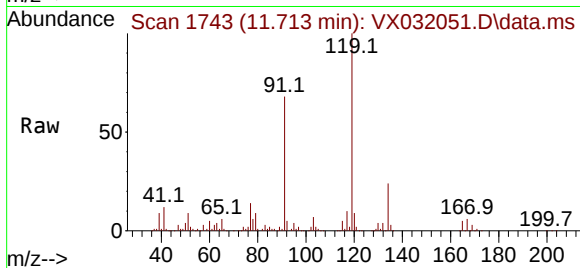
Tgt Ion: 91 Resp: 244850
Ion Ratio Lower Upper
91 100
126 29.1 15.1 45.3





#83
tert-Butylbenzene
Concen: 49.394 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

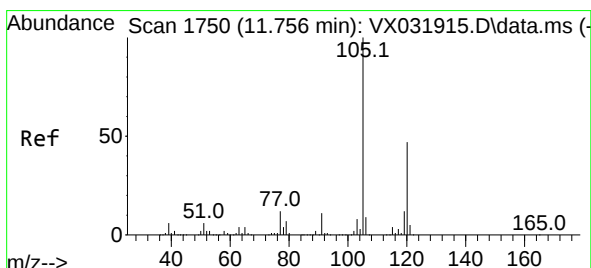
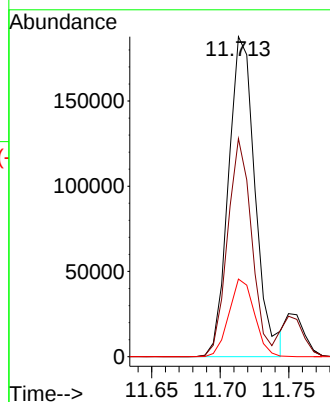
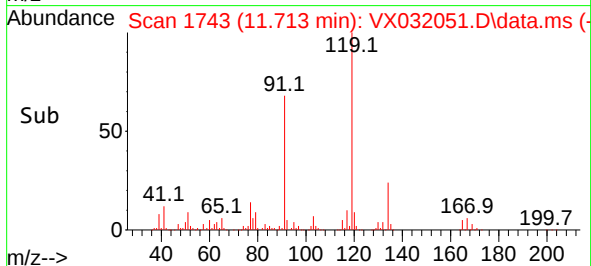
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 254584
Ion Ratio Lower Upper
119 100
91 61.8 29.2 87.6
134 23.2 11.6 34.8

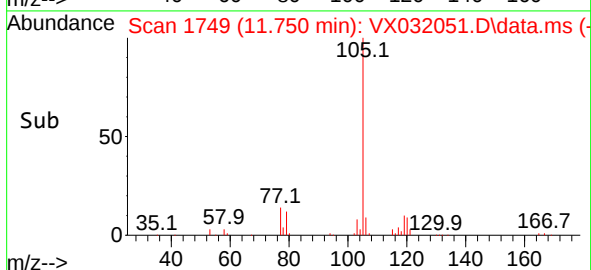
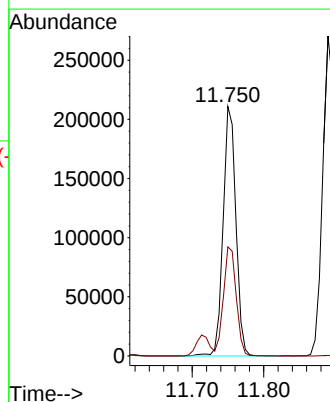
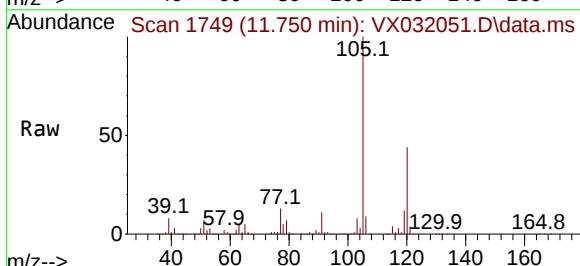
Manual Integrations
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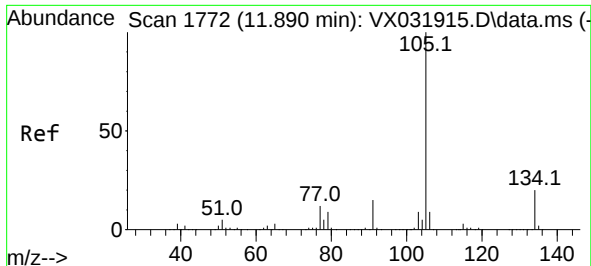
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#84
1,2,4-Trimethylbenzene
Concen: 49.499 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

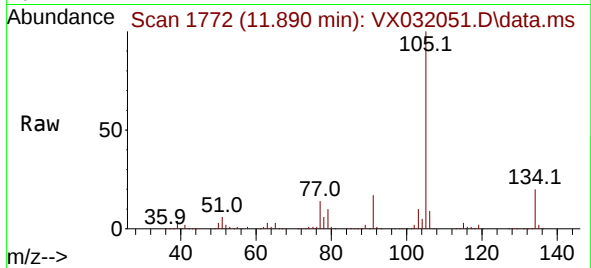
Tgt Ion:105 Resp: 261865
Ion Ratio Lower Upper
105 100
120 43.7 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 50.977 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032051.D
 Acq: 11 Oct 2022 20:48

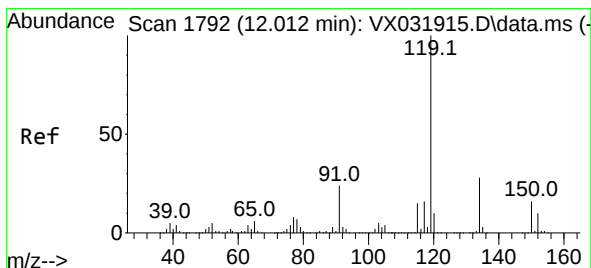
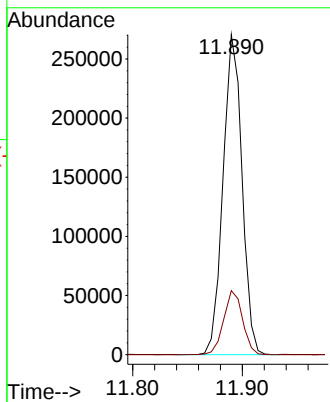
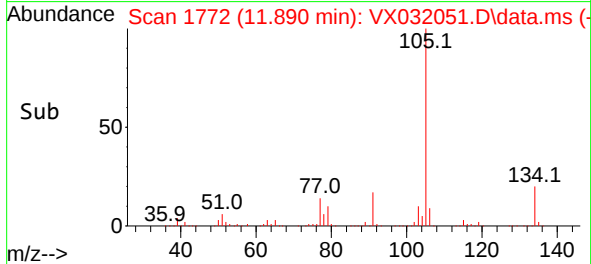
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



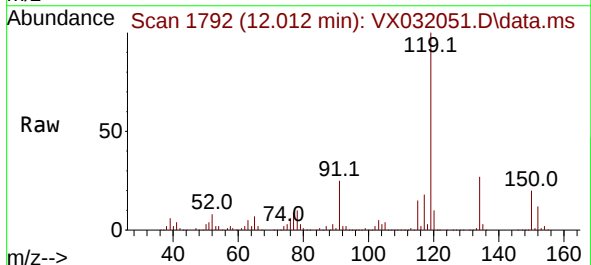
Tgt Ion:105 Resp: 325290
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.1

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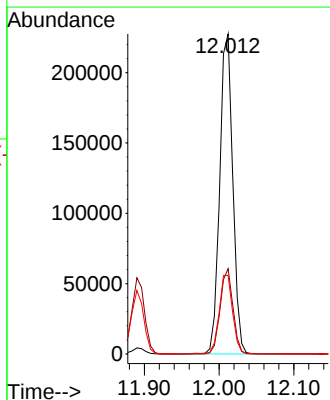
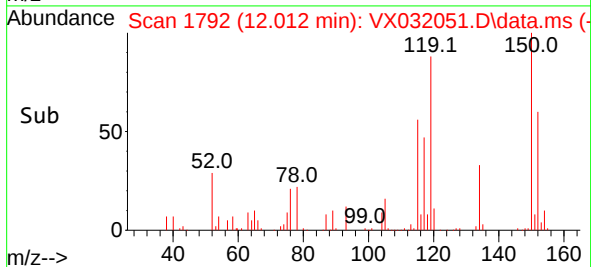
Reviewed By :John Carlone 10/12/2022
 Supervised By :Mahesh Dadoda 10/12/2022

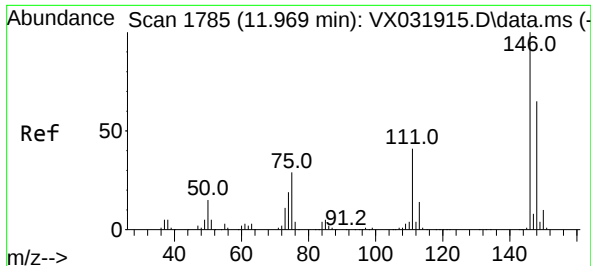


#86
 p-Isopropyltoluene
 Concen: 51.435 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032051.D
 Acq: 11 Oct 2022 20:48



Tgt Ion:119 Resp: 276343
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.4 40.2
 91 25.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.750 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 137678

Ion Ratio Lower Upper

146 100

111 41.4 19.8 59.4

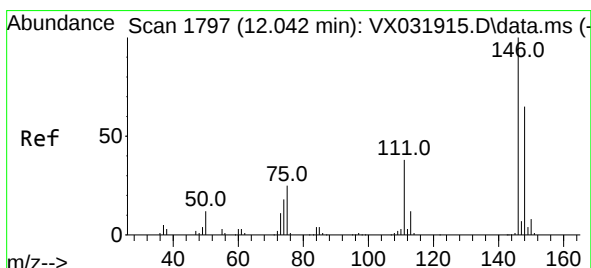
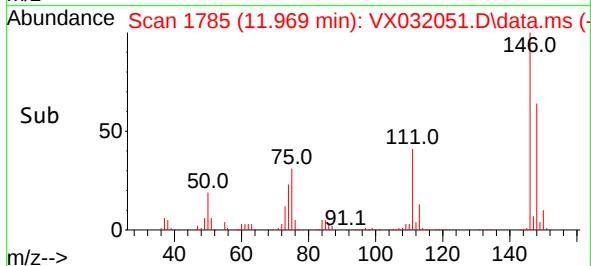
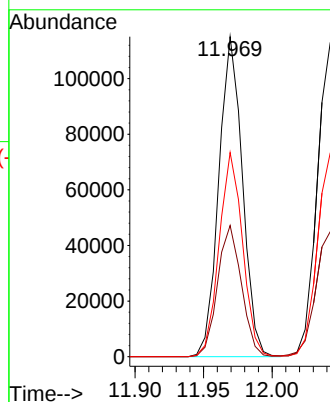
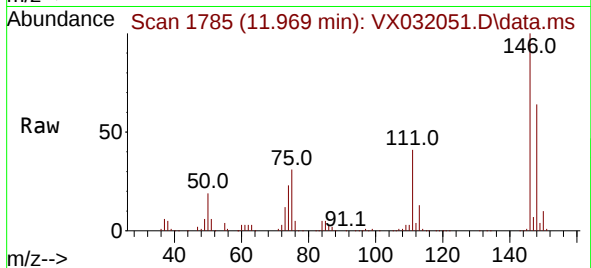
148 63.5 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#88

1,4-Dichlorobenzene

Concen: 45.616 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX032051.D

Acq: 11 Oct 2022 20:48

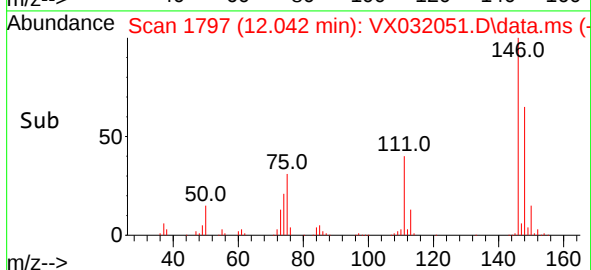
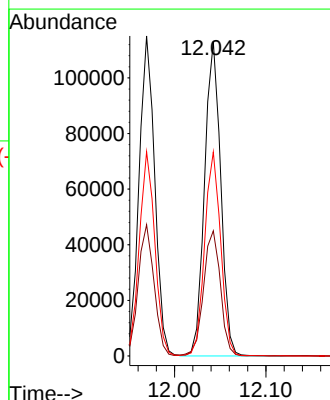
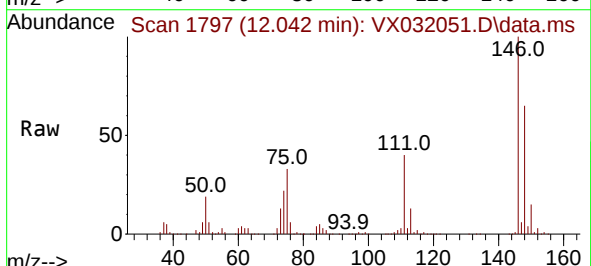
Tgt Ion:146 Resp: 138274

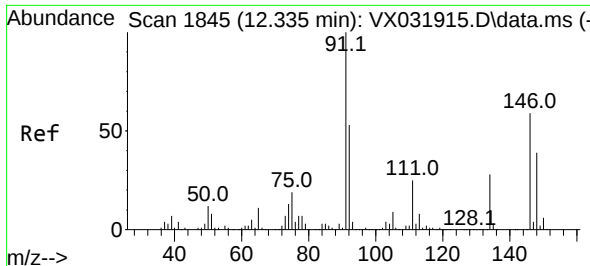
Ion Ratio Lower Upper

146 100

111 41.7 20.5 61.5

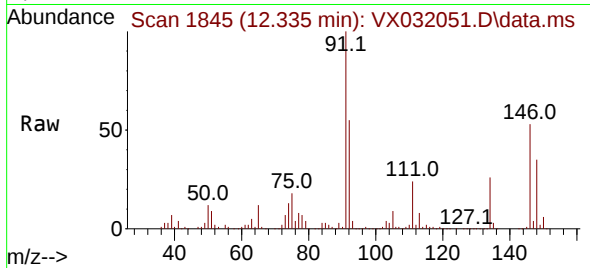
148 64.5 32.0 96.2





#89
n-Butylbenzene
Concen: 54.162 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

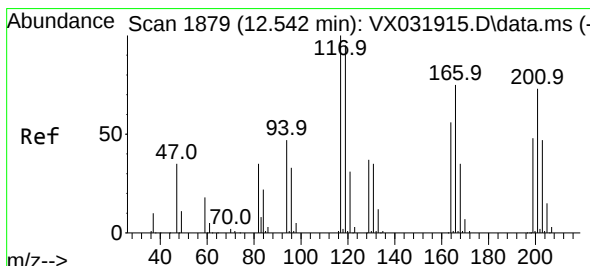
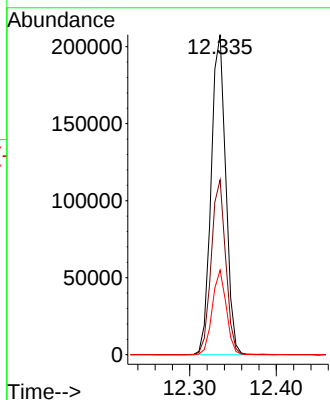
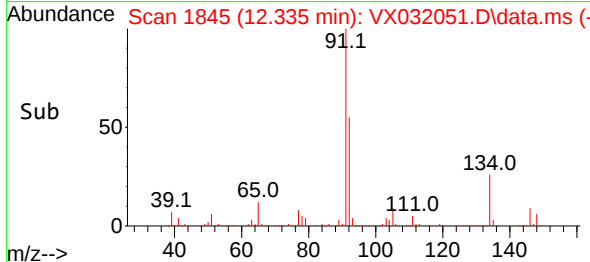
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 24368
Ion Ratio Lower Upper
91 100
92 54.1 27.0 81.0
134 25.3 13.3 39.9

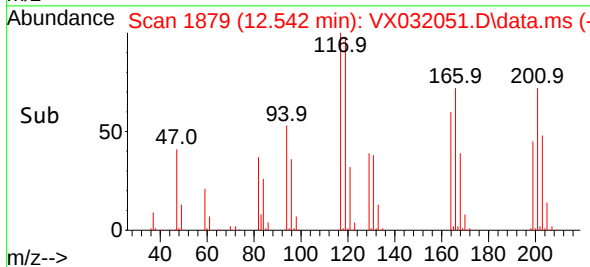
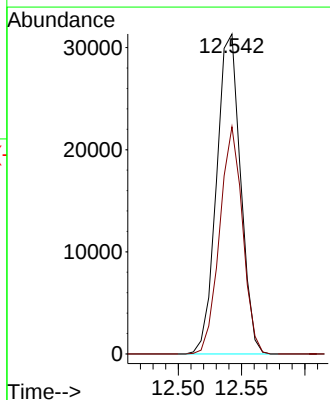
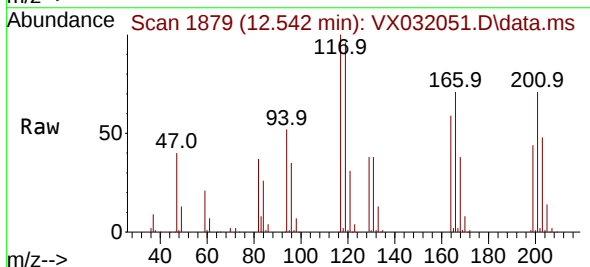
Manual Integrations
APPROVED

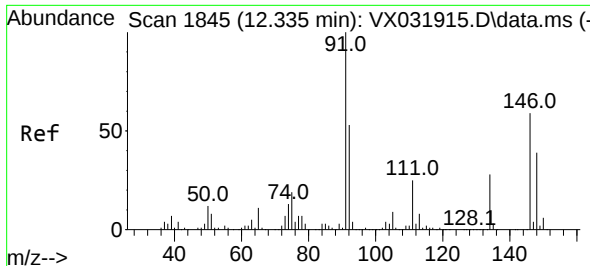
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#90
Hexachloroethane
Concen: 48.337 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

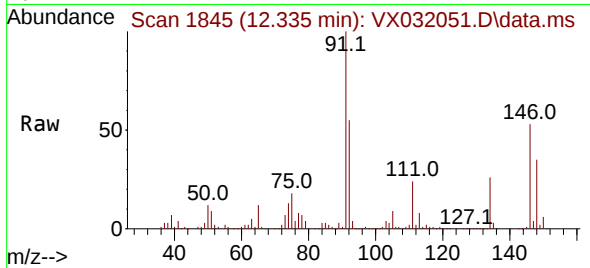
Tgt Ion:117 Resp: 41258
Ion Ratio Lower Upper
117 100
201 67.8 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 47.214 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

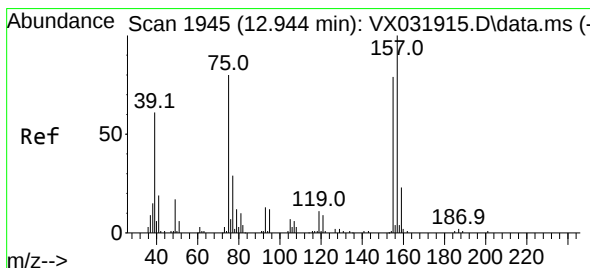
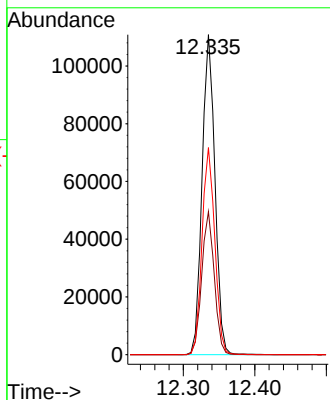
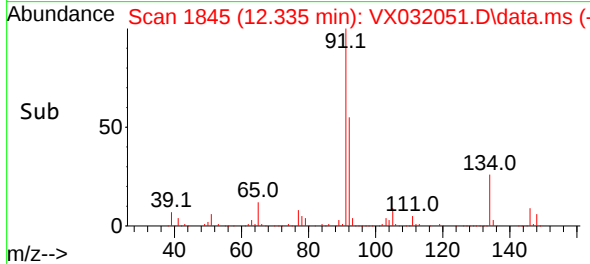
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



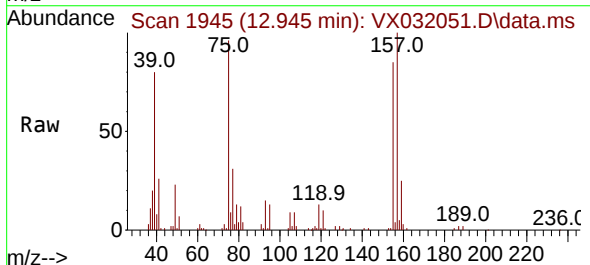
Tgt Ion:146 Resp: 13824
Ion Ratio Lower Upper
146 100
111 43.8 20.6 61.8
148 64.3 31.6 95.0

Manual Integrations
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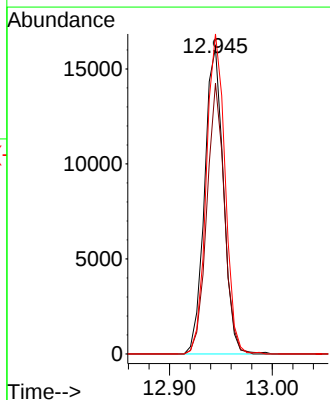
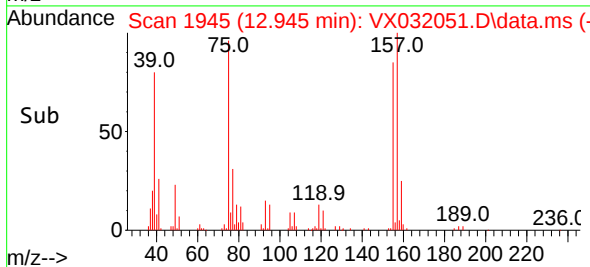
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

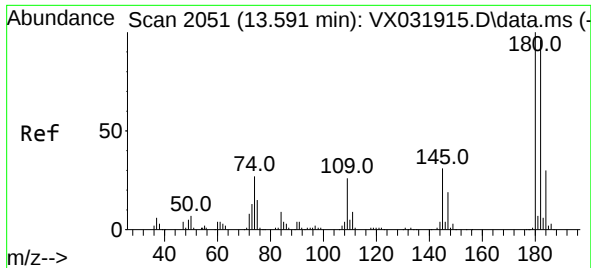


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.363 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48



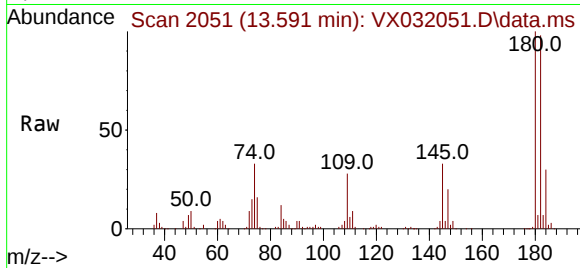
Tgt Ion: 75 Resp: 20583
Ion Ratio Lower Upper
75 100
155 82.0 40.3 120.8
157 103.6 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 48.298 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

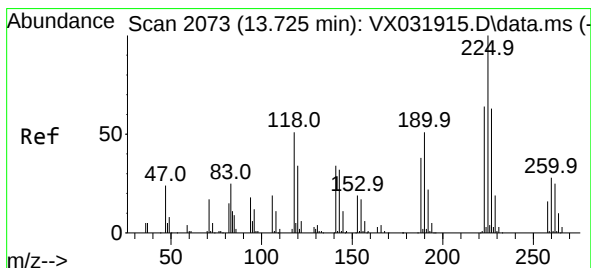
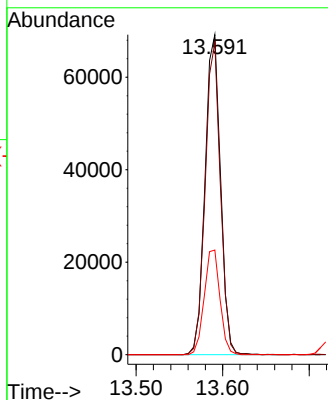
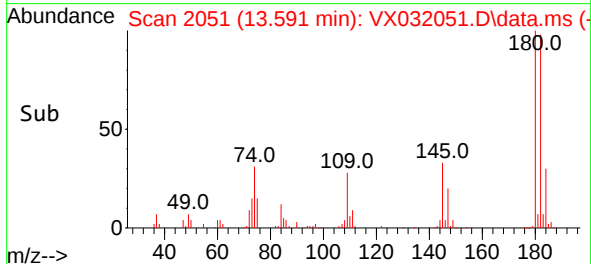
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



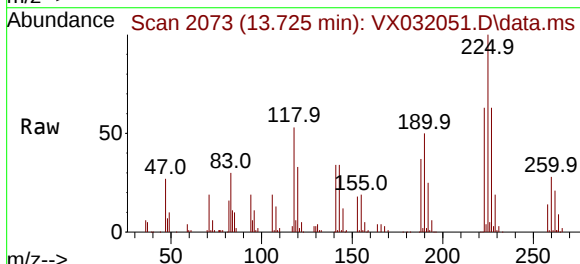
Tgt Ion:180 Resp: 8583
Ion Ratio Lower Upper
180 100
182 95.8 46.9 140.6
145 33.3 16.7 50.1

Manual Integrations
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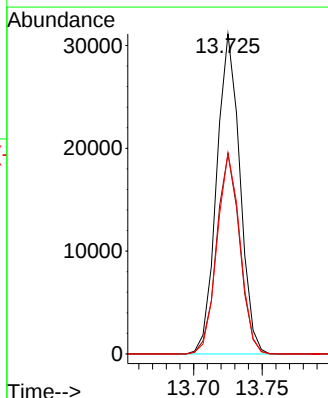
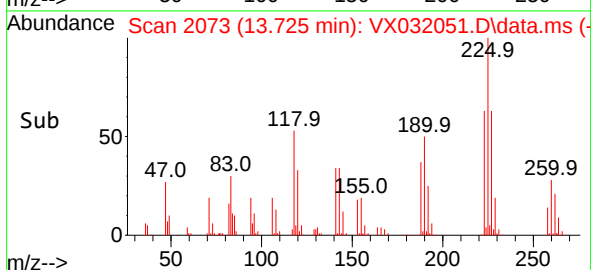
Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

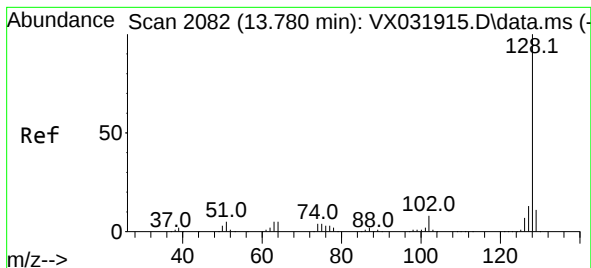


#94
Hexachlorobutadiene
Concen: 50.975 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48



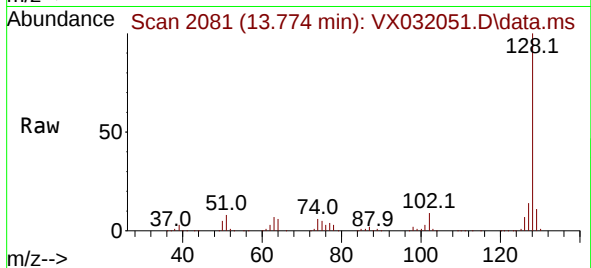
Tgt Ion:225 Resp: 36639
Ion Ratio Lower Upper
225 100
223 62.2 30.8 92.4
227 61.9 32.3 96.9





#95
Naphthalene
Concen: 50.827 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48

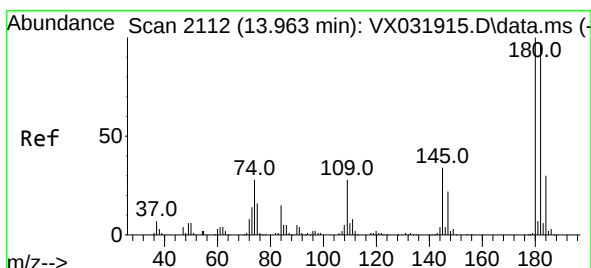
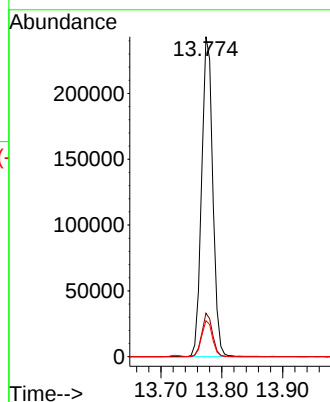
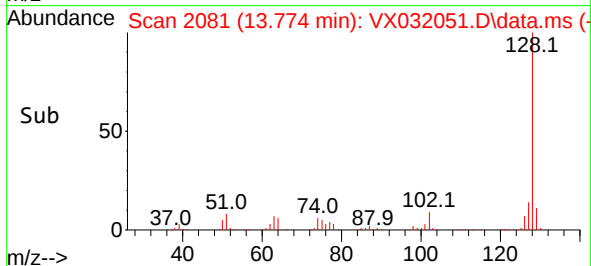
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



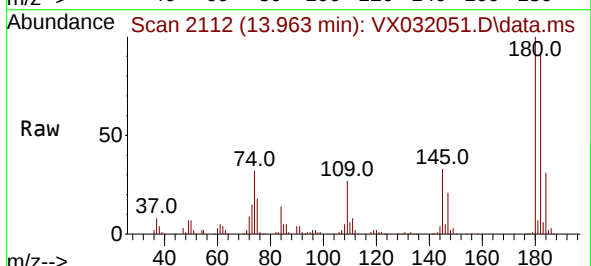
Tgt Ion:128 Resp: 309512
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#96
1,2,3-Trichlorobenzene
Concen: 49.462 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032051.D
Acq: 11 Oct 2022 20:48



Tgt Ion:180 Resp: 89161
Ion Ratio Lower Upper
180 100
182 92.3 47.9 143.8
145 33.5 17.6 52.8

