

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101222\
 Data File : VX032097.D
 Acq On : 12 Oct 2022 20:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 13 09:23:51 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/13/2022
 Supervised By : Mahesh Dadoda 10/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	74546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	116782	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90393	58.715	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.420%			
35) Dibromofluoromethane	5.385	113	69633	52.676	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.360%			
50) Toluene-d8	8.653	98	245934	51.703	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.400%			
62) 4-Bromofluorobenzene	11.079	95	100246	59.613	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	58739	52.946	ug/l	98
3) Chloromethane	1.288	50	51972	44.736	ug/l	99
4) Vinyl Chloride	1.374	62	62513	46.045	ug/l	99
5) Bromomethane	1.611	94	43506	49.384	ug/l	96
6) Chloroethane	1.685	64	48504	41.983	ug/l	98
7) Trichlorofluoromethane	1.886	101	120271	49.283	ug/l	97
8) Diethyl Ether	2.130	74	40873	49.135	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	60819	49.305	ug/l	93
10) Methyl Iodide	2.453	142	57820	46.284	ug/l	96
11) Tert butyl alcohol	2.995	59	51718	270.006	ug/l #	87
12) 1,1-Dichloroethene	2.319	96	55302	48.704	ug/l	95
13) Acrolein	2.239	56	25929	233.777	ug/l	99
14) Allyl chloride	2.666	41	89845	55.609	ug/l	95
15) Acrylonitrile	3.068	53	162115	265.496	ug/l	100
16) Acetone	2.386	43	138703	265.091	ug/l	99
17) Carbon Disulfide	2.508	76	106155	43.535	ug/l	99
18) Methyl Acetate	2.703	43	99046	57.372	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	213295	55.978	ug/l	99
20) Methylene Chloride	2.788	84	63995	46.543	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	59774	47.536	ug/l	99
22) Diisopropyl ether	3.763	45	208962	57.532	ug/l	98
23) Vinyl Acetate	3.721	43	819384	301.804	ug/l	100
24) 1,1-Dichloroethane	3.611	63	116867	53.677	ug/l	99
25) 2-Butanone	4.562	43	225729	275.978	ug/l	99
26) 2,2-Dichloropropane	4.477	77	83828	53.603	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	74722	49.662	ug/l	94
28) Bromochloromethane	4.891	49	49929	53.576	ug/l	92
29) Tetrahydrofuran	5.007	42	141428	267.986	ug/l	95
30) Chloroform	5.099	83	134958	55.649	ug/l	97
31) Cyclohexane	5.470	56	92583	50.340	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	116358	56.461	ug/l	100
36) 1,1-Dichloropropene	5.690	75	90943	51.881	ug/l	100
37) Ethyl Acetate	4.714	43	91188	55.255	ug/l	99
38) Carbon Tetrachloride	5.678	117	98276	54.832	ug/l	100
39) Methylcyclohexane	7.379	83	103267	49.389	ug/l	96
40) Benzene	6.037	78	257500	50.166	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51966	60.555	ug/l	99
42) 1,2-Dichloroethane	6.086	62	110668	59.166	ug/l	99
43) Isopropyl Acetate	6.342	43	150738	60.202	ug/l	99
44) Trichloroethene	7.129	130	73397	48.767	ug/l	100
45) 1,2-Dichloropropane	7.433	63	67565	53.562	ug/l	95
46) Dibromomethane	7.580	93	51497	52.677	ug/l	96
47) Bromodichloromethane	7.824	83	99470	58.900	ug/l	99
48) Methyl methacrylate	7.696	41	75711	63.279	ug/l	97
49) 1,4-Dioxane	7.690	88	26895	993.212	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	480380	289.510	ug/l	100
52) Toluene	8.720	92	172837	51.500	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	98800	54.241	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	107108	58.563	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	73454	51.857	ug/l	99
56) Ethyl methacrylate	9.116	69	107568	59.244	ug/l	98
57) 1,3-Dichloropropane	9.311	76	121683	53.459	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	267110	284.992	ug/l	96
59) 2-Hexanone	9.433	43	355569	290.627	ug/l	99
60) Dibromochloromethane	9.525	129	75467	58.216	ug/l	99
61) 1,2-Dibromoethane	9.610	107	76471	53.684	ug/l	98
64) Tetrachloroethene	9.275	164	69976	47.880	ug/l	97
65) Chlorobenzene	10.079	112	188903	48.160	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	70999	52.312	ug/l	98
67) Ethyl Benzene	10.195	91	341771	51.506	ug/l	98
68) m/p-Xylenes	10.305	106	259132	98.270	ug/l	95
69) o-Xylene	10.640	106	129287	50.443	ug/l	97
70) Styrene	10.659	104	217681	53.128	ug/l	98
71) Bromoform	10.799	173	51057	57.464	ug/l #	99
73) Isopropylbenzene	10.963	105	355728	50.429	ug/l	97
74) N-amyl acetate	10.848	43	135789	63.037	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	108378	48.356	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	100785m	52.579	ug/l	
77) Bromobenzene	11.201	156	82639	47.559	ug/l	97
78) n-propylbenzene	11.305	91	417414	52.025	ug/l	98
79) 2-Chlorotoluene	11.366	91	247245	51.207	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	307618	52.580	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	27335	50.561	ug/l #	84
82) 4-Chlorotoluene	11.457	91	291456	52.707	ug/l	97
83) tert-Butylbenzene	11.713	119	298320	51.521	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	303641	51.090	ug/l	99
85) sec-Butylbenzene	11.890	105	383560	53.505	ug/l	99
86) p-Isopropyltoluene	12.012	119	329129	54.530	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	159978	48.354	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	164142	48.200	ug/l	99
89) n-Butylbenzene	12.335	91	296983	58.757	ug/l	99
90) Hexachloroethane	12.542	117	49843	51.881	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	162676	49.455	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24989	60.911	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	103860	52.022	ug/l	98
94) Hexachlorobutadiene	13.725	225	43132	53.416	ug/l	98
95) Naphthalene	13.774	128	362171	52.940	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	105440	52.067	ug/l	99

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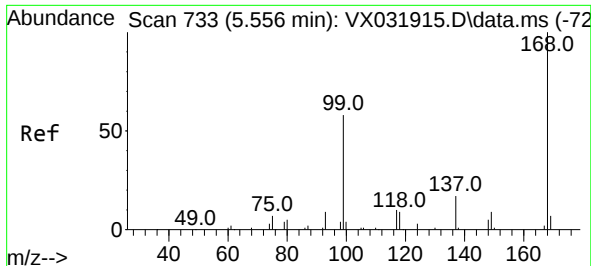
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

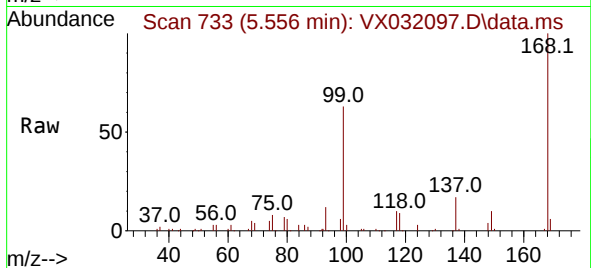
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
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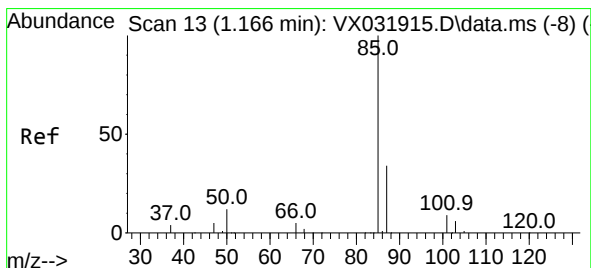
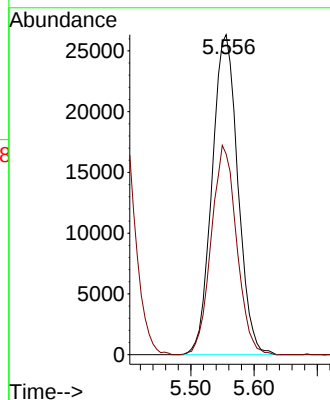
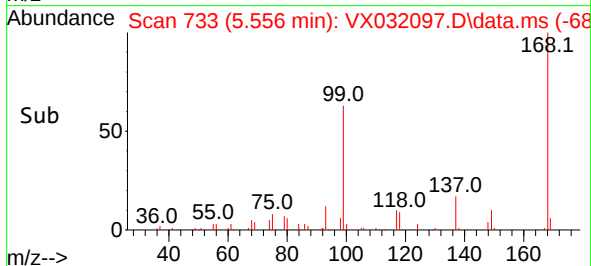
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



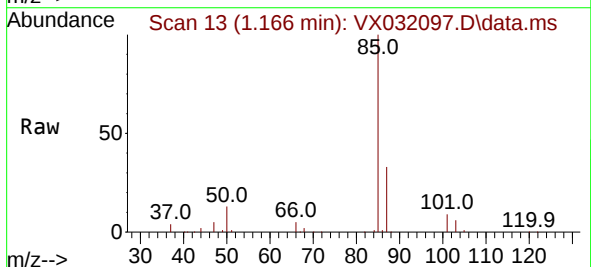
Tgt Ion:168 Resp: 74540
Ion Ratio Lower Upper
168 100
99 62.8 48.8 73.2

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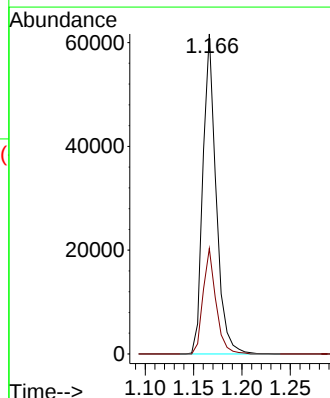
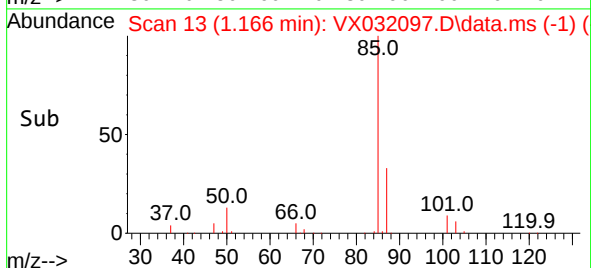
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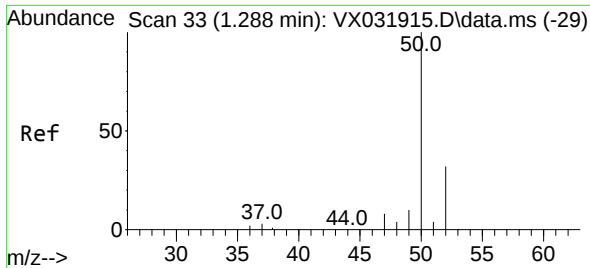


#2
Dichlorodifluoromethane
Concen: 52.946 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11



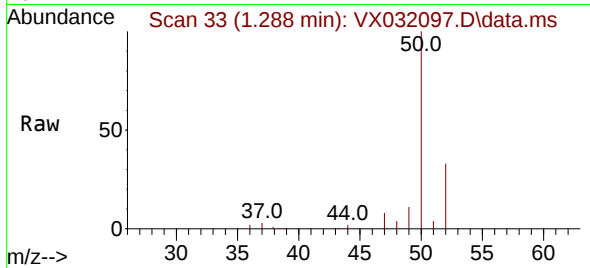
Tgt Ion: 85 Resp: 58739
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.4





#3
Chloromethane
Concen: 44.736 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

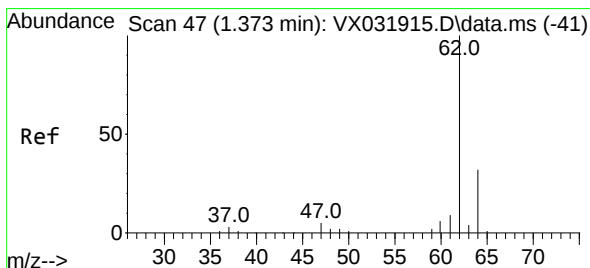
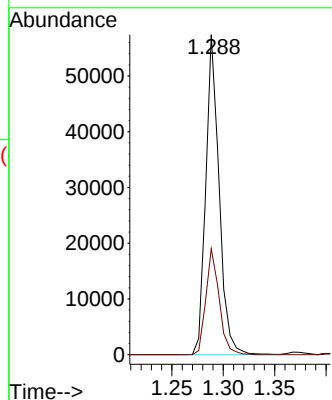
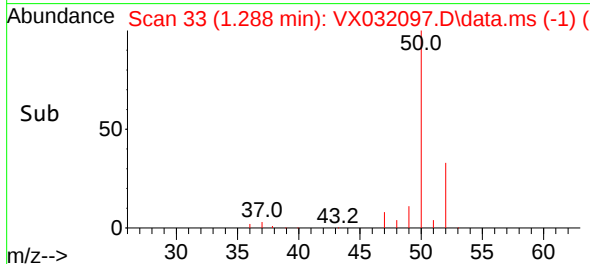
Instrument :
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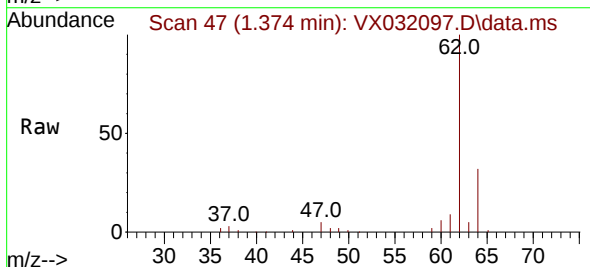
Tgt Ion: 50 Resp: 51972
Ion Ratio Lower Upper
50 100
52 33.1 26.9 40.3

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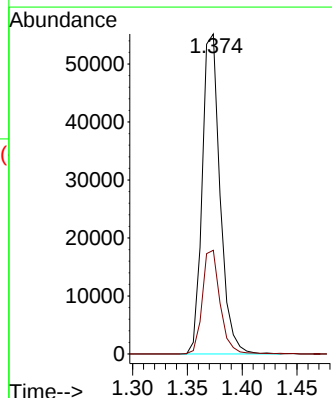
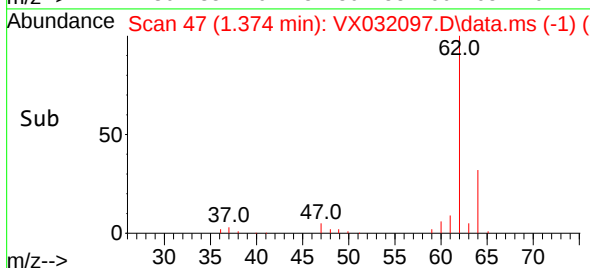
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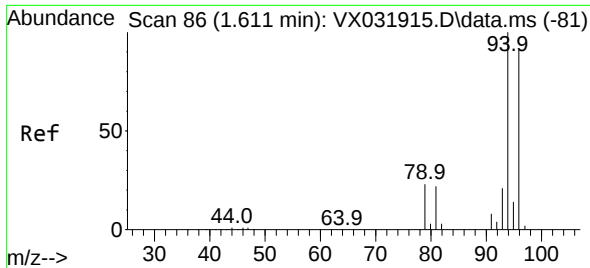


#4
Vinyl Chloride
Concen: 46.045 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11



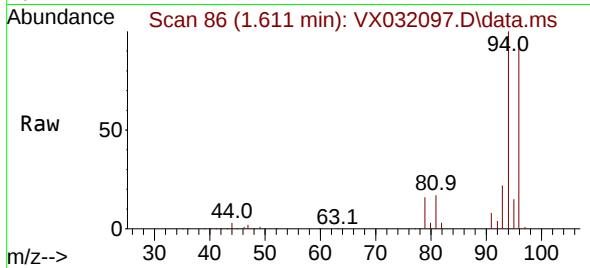
Tgt Ion: 62 Resp: 62513
Ion Ratio Lower Upper
62 100
64 32.4 25.3 37.9





#5
Bromomethane
Concen: 49.384 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

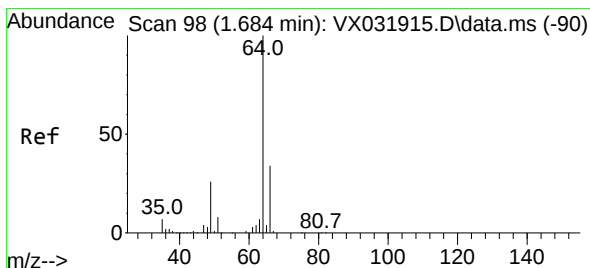
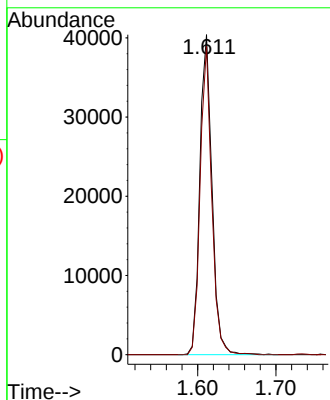
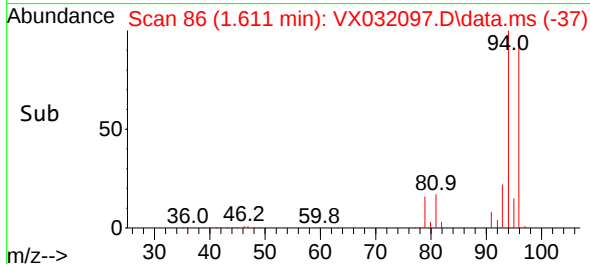
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Tgt Ion: 94 Resp: 43500
Ion Ratio Lower Upper
94 100
96 96.4 74.4 111.6

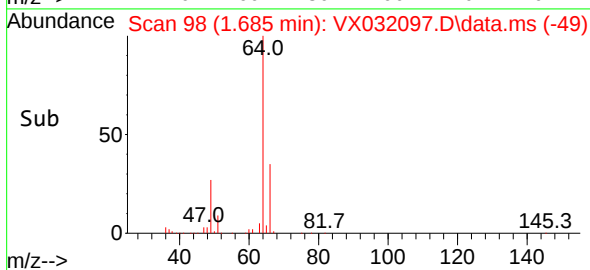
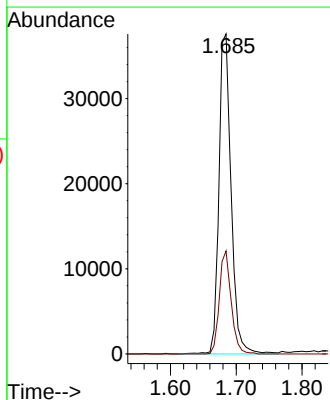
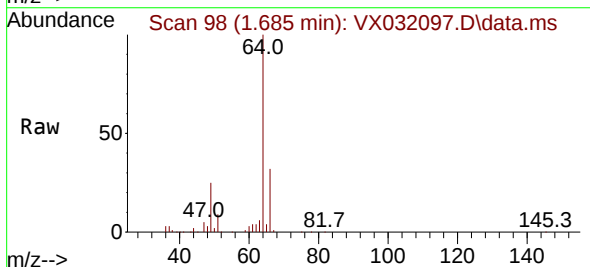
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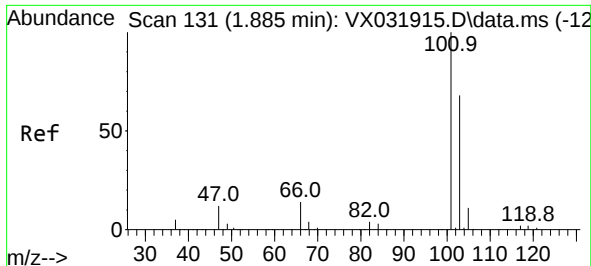
Reviewed By :John Carlone 10/13/2022
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#6
Chloroethane
Concen: 41.983 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.001 min
Lab File: VX032097.D
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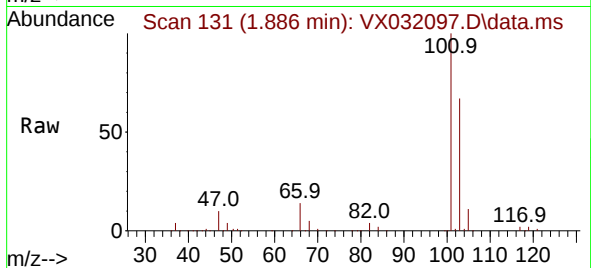
Tgt Ion: 64 Resp: 48504
Ion Ratio Lower Upper
64 100
66 32.2 25.0 37.4





#7
Trichlorofluoromethane
Concen: 49.283 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

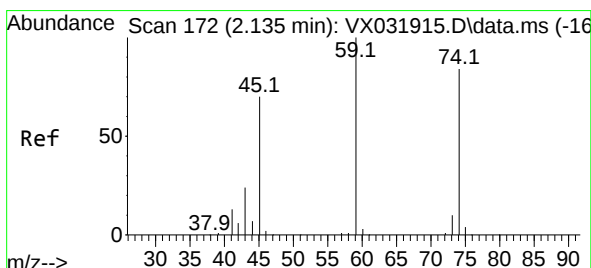
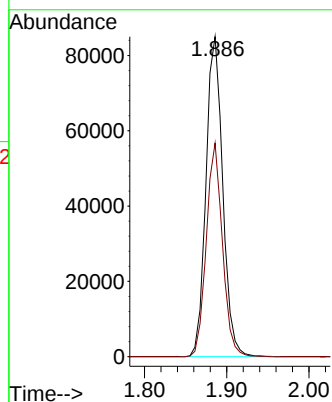
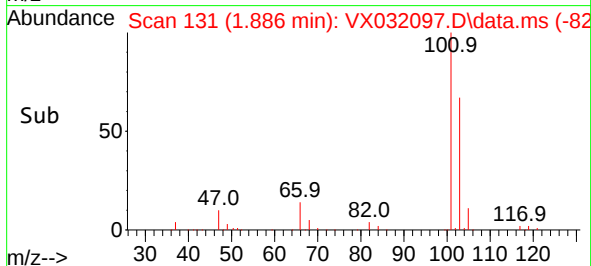
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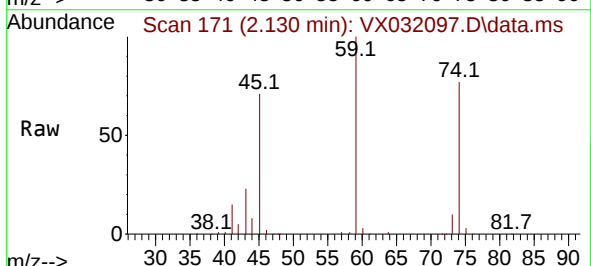
Tgt Ion:101 Resp: 12027
Ion Ratio Lower Upper
101 100
103 66.8 51.8 77.6

Manual Integrations
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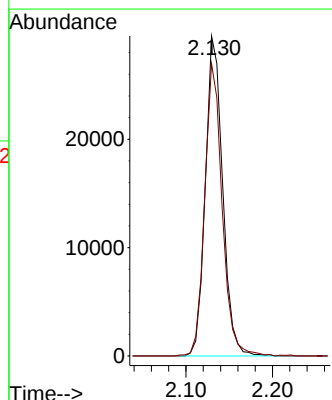
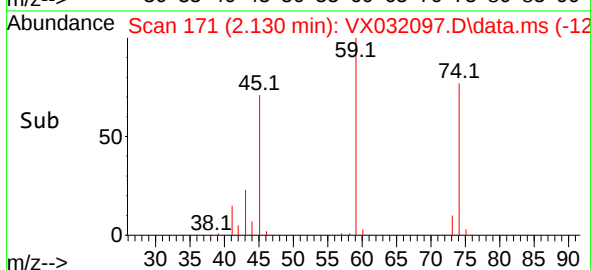
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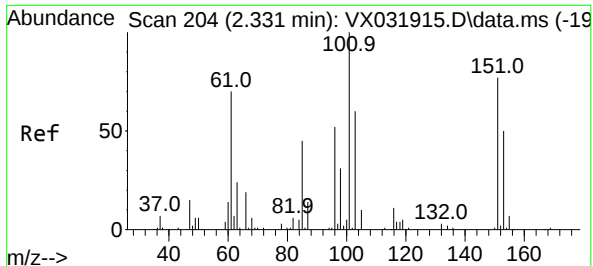


#8
Diethyl Ether
Concen: 49.135 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
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Acq: 12 Oct 2022 20:11



Tgt Ion: 74 Resp: 40873
Ion Ratio Lower Upper
74 100
45 92.7 48.5 145.6





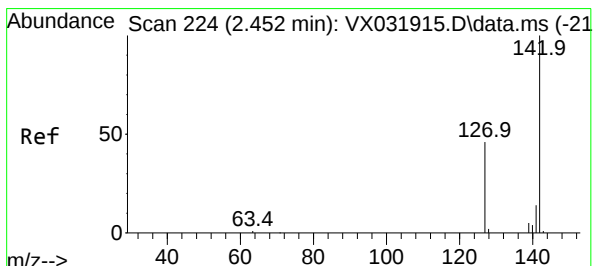
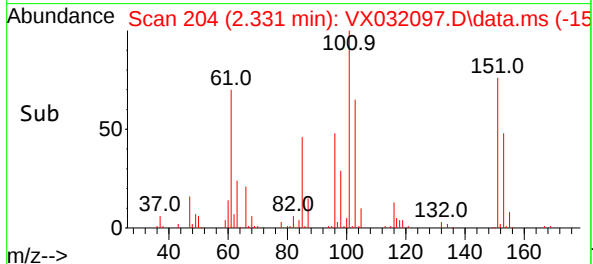
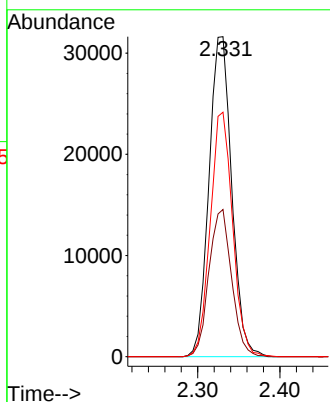
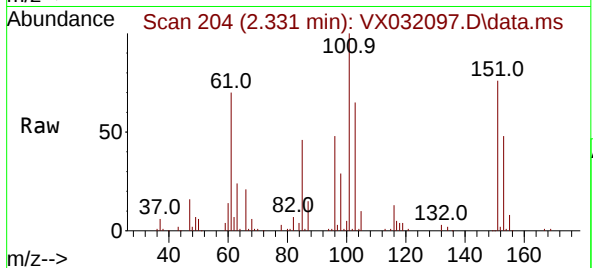
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.305 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 60819
Ion Ratio Lower Upper
101 100
85 45.8 38.6 57.8
151 75.2 54.0 81.0

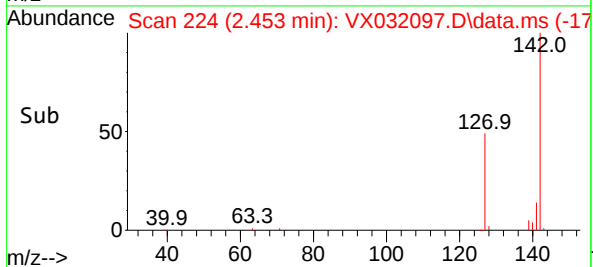
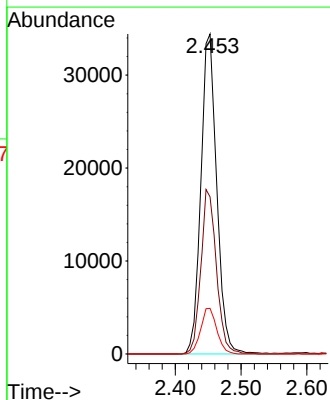
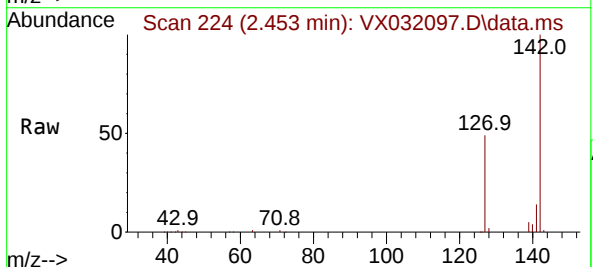
Manual Integrations
APPROVED

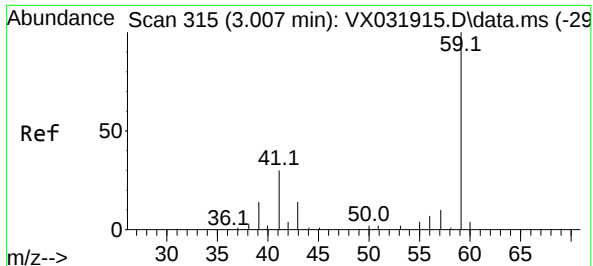
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#10
Methyl Iodide
Concen: 46.284 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

Tgt Ion:142 Resp: 57820
Ion Ratio Lower Upper
142 100
127 50.3 37.4 56.0
141 14.5 11.6 17.4





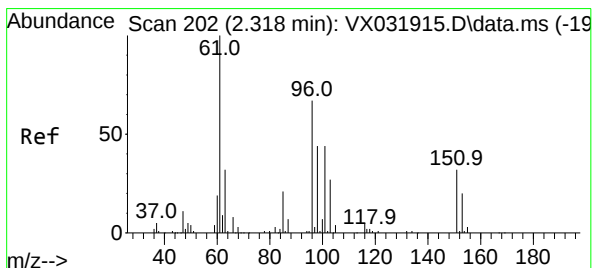
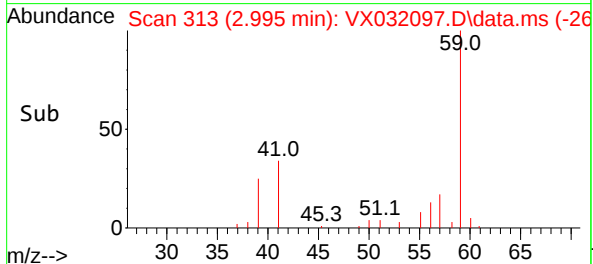
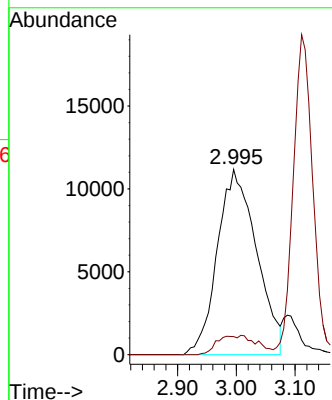
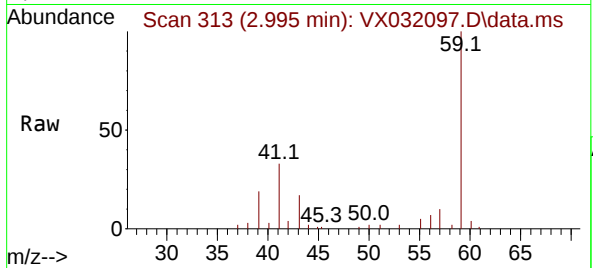
#11
Tert butyl alcohol
Concen: 270.006 ug/l
RT: 2.995 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 51718
Ion Ratio Lower Upper
59 100
57 5.5 8.2 12.2

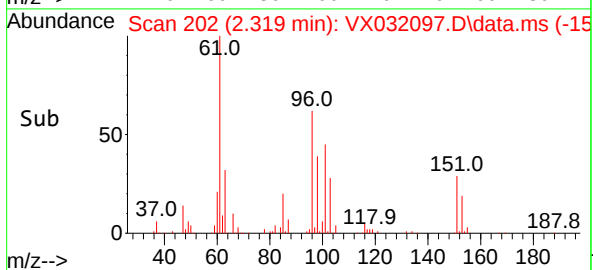
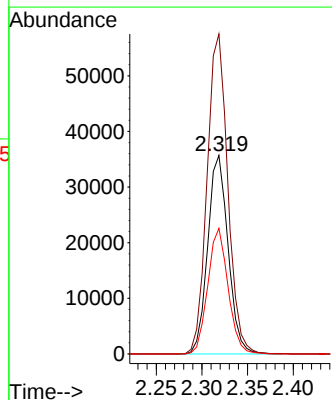
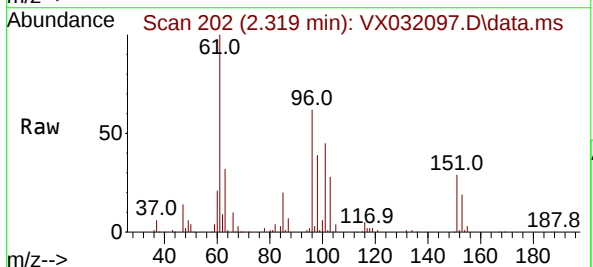
Manual Integrations
APPROVED

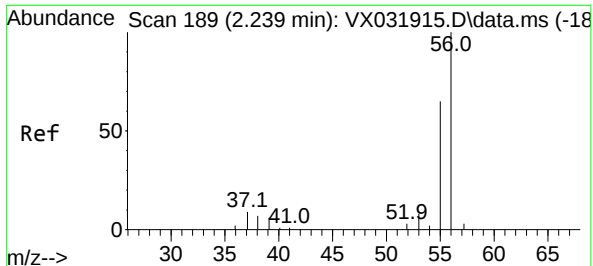
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#12
1,1-Dichloroethene
Concen: 48.704 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

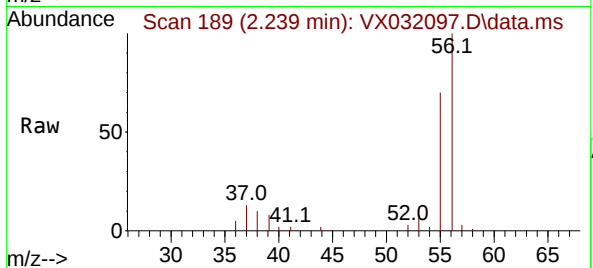
Tgt Ion: 96 Resp: 55302
Ion Ratio Lower Upper
96 100
61 161.2 135.3 202.9
98 63.3 49.4 74.2





#13
Acrolein
Concen: 233.777 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

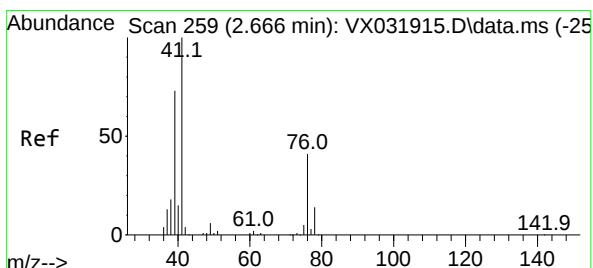
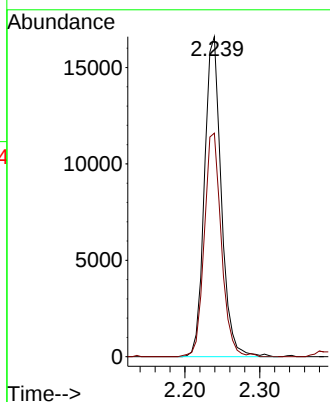
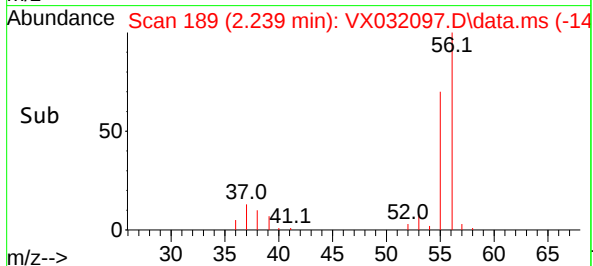
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 25929
Ion Ratio Lower Upper
56 100
55 71.0 56.0 84.0

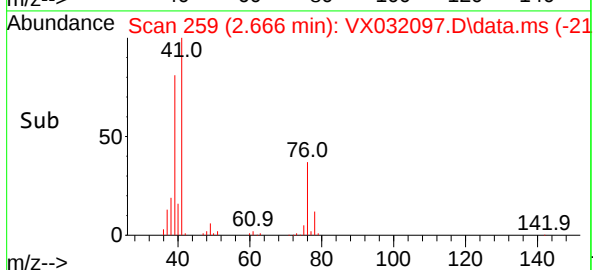
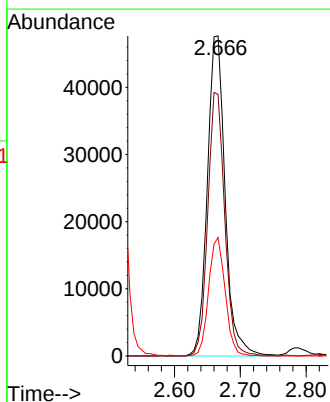
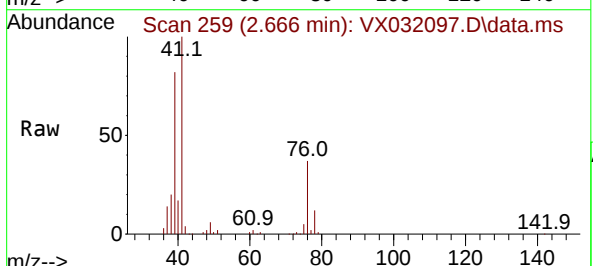
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#14
Allyl chloride
Concen: 55.609 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

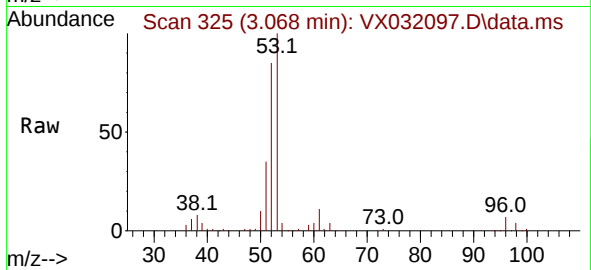
Tgt Ion: 41 Resp: 89845
Ion Ratio Lower Upper
41 100
39 78.4 58.2 87.4
76 34.4 26.9 40.3





#15
Acrylonitrile
Concen: 265.496 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

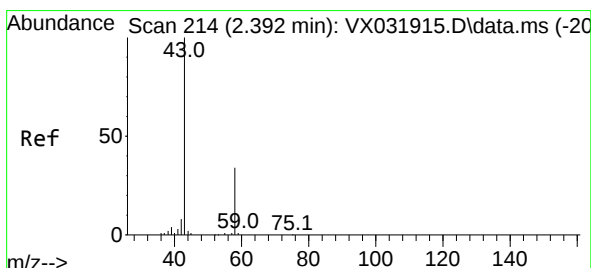
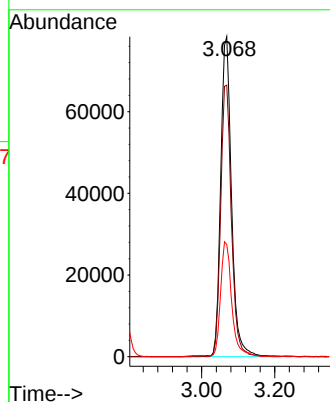
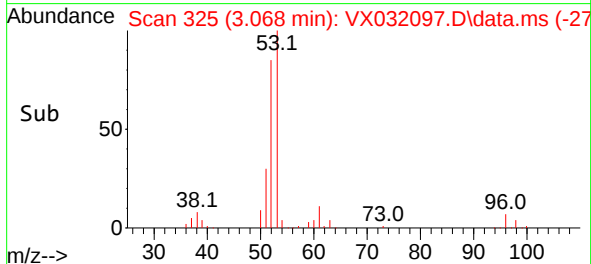
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



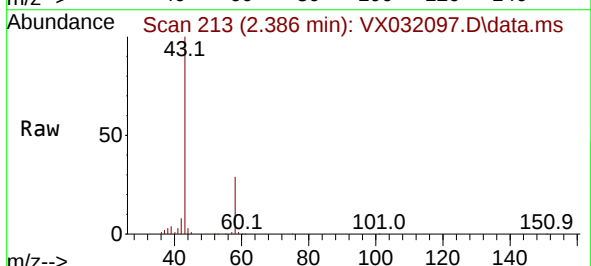
Tgt Ion: 53 Resp: 162115
Ion Ratio Lower Upper
53 100
52 83.8 66.9 100.3
51 37.0 30.0 45.0

Manual Integrations
APPROVED

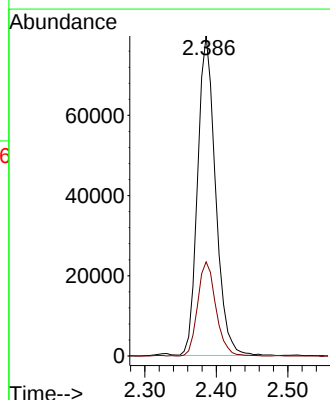
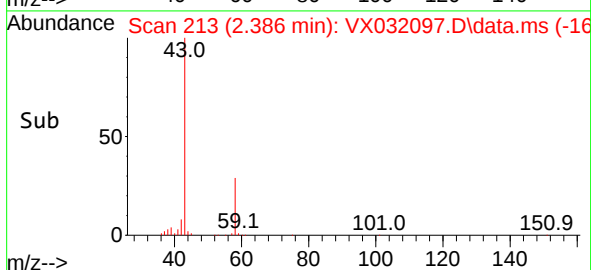
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022

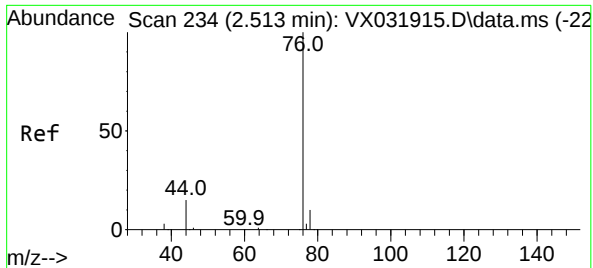


#16
Acetone
Concen: 265.091 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11



Tgt Ion: 43 Resp: 138703
Ion Ratio Lower Upper
43 100
58 29.4 23.8 35.8





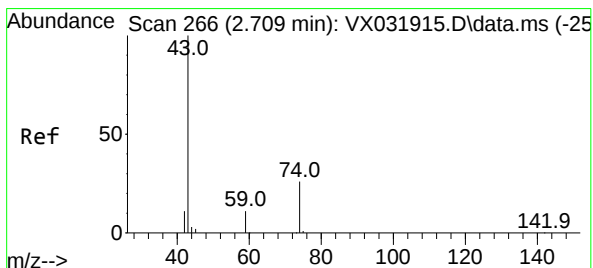
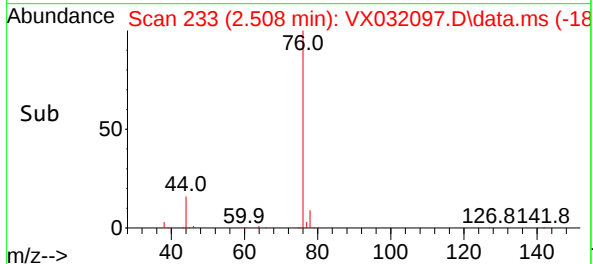
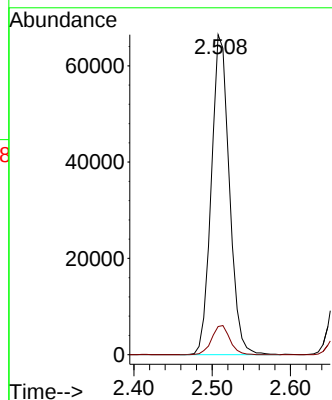
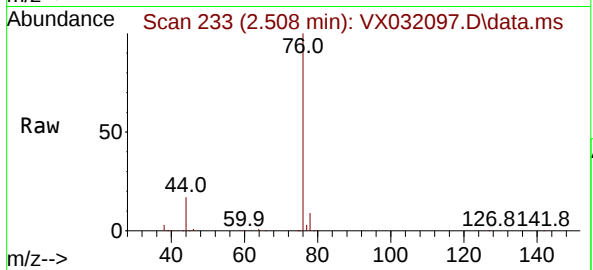
#17
Carbon Disulfide
Concen: 43.535 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 10615
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

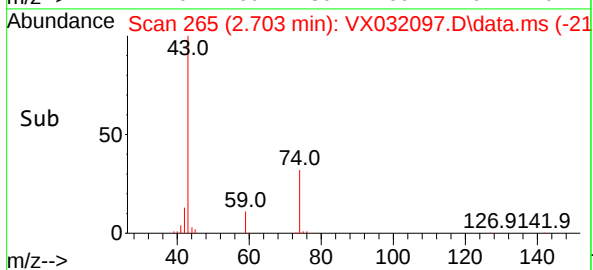
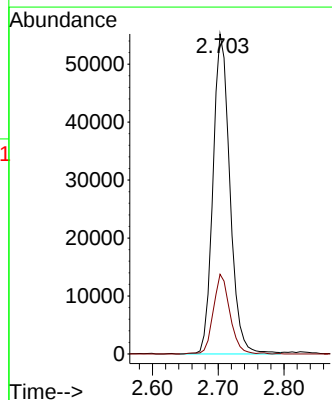
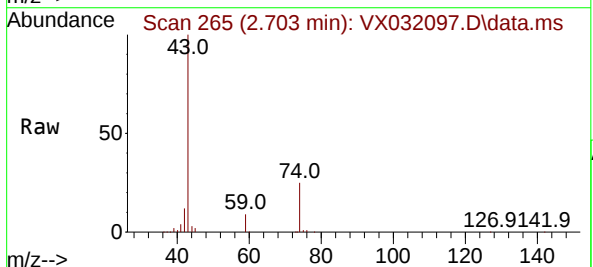
Manual Integrations
APPROVED

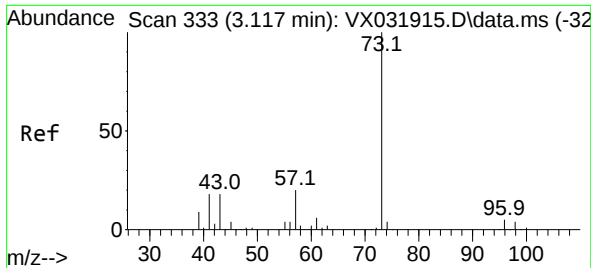
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#18
Methyl Acetate
Concen: 57.372 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

Tgt Ion: 43 Resp: 99046
Ion Ratio Lower Upper
43 100
74 24.3 18.6 27.8





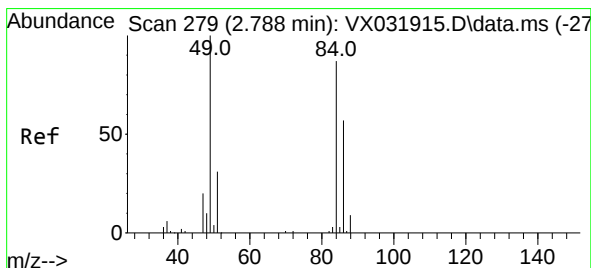
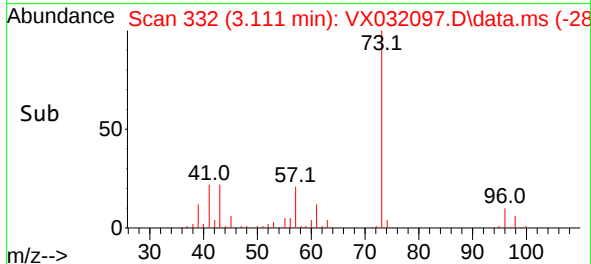
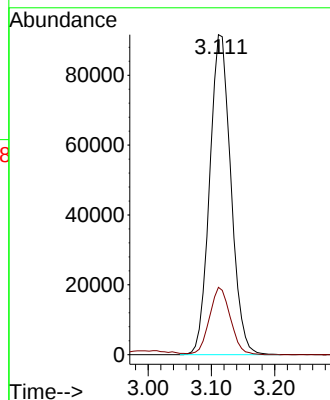
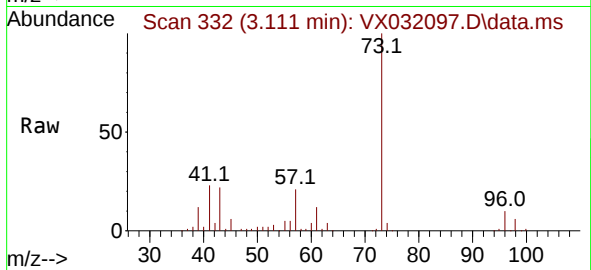
#19
Methyl tert-butyl Ether
Concen: 55.978 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 213295
Ion Ratio Lower Upper
73 100
57 21.1 17.2 25.8

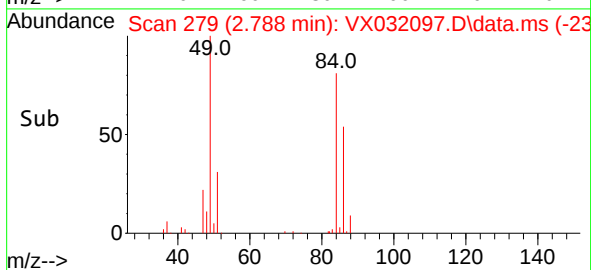
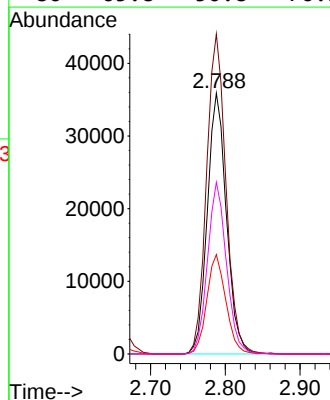
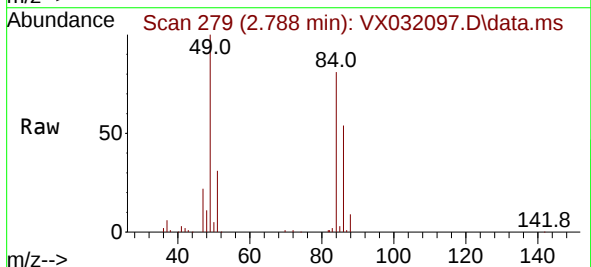
Manual Integrations
APPROVED

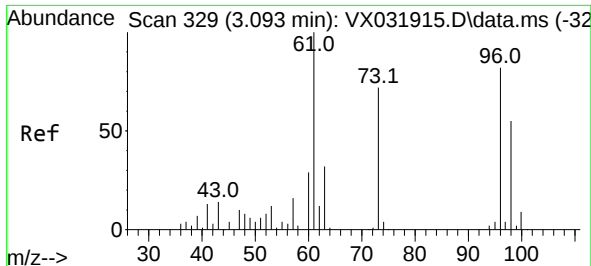
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#20
Methylene Chloride
Concen: 46.543 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

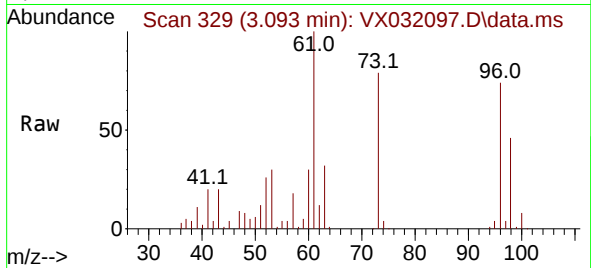
Tgt Ion: 84 Resp: 63995
Ion Ratio Lower Upper
84 100
49 122.7 105.9 158.9
51 38.1 32.2 48.2
86 65.8 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 47.536 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

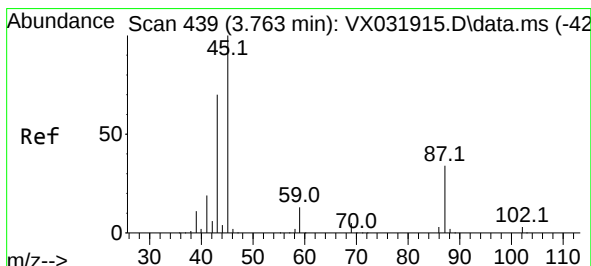
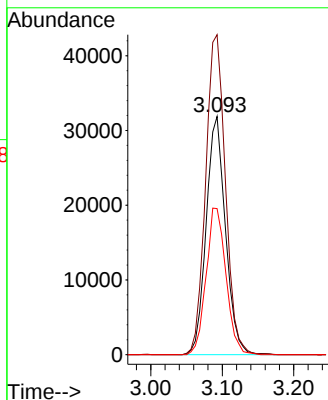
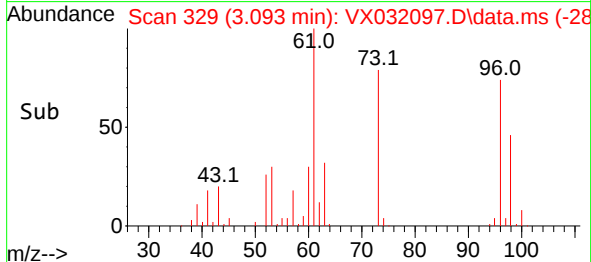
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



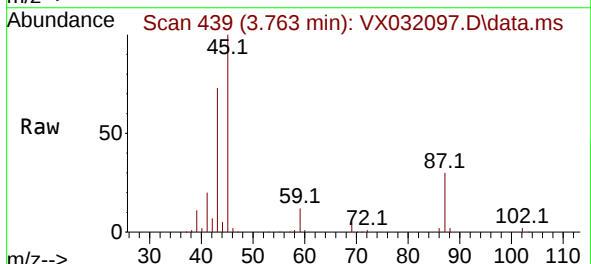
Tgt Ion: 96 Resp: 59774
Ion Ratio Lower Upper
96 100
61 134.3 106.7 160.1
98 61.3 48.7 73.1

Manual Integrations
APPROVED

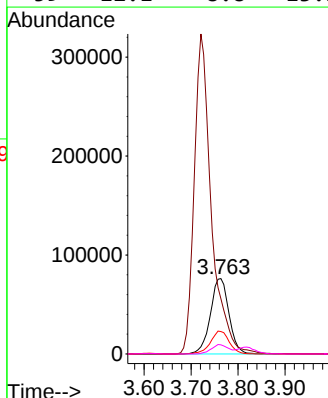
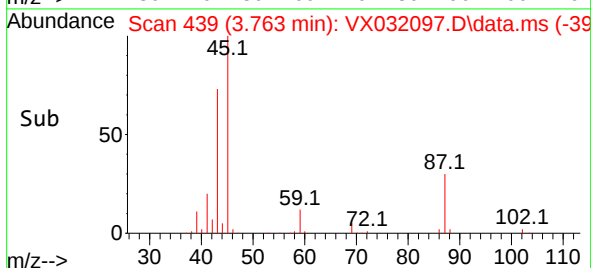
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022

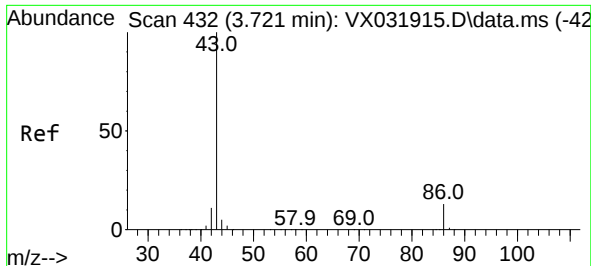


#22
Diisopropyl ether
Concen: 57.532 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11



Tgt Ion: 45 Resp: 208962
Ion Ratio Lower Upper
45 100
43 72.8 59.0 88.6
87 29.6 22.6 33.8
59 12.1 8.8 13.2





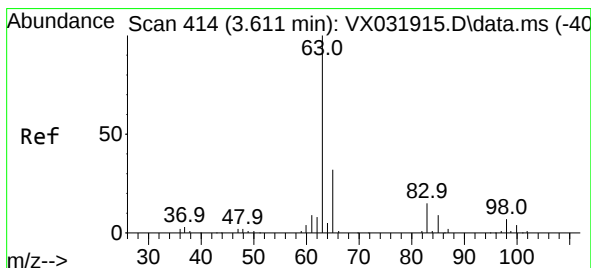
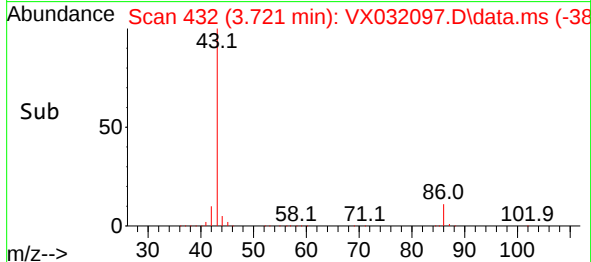
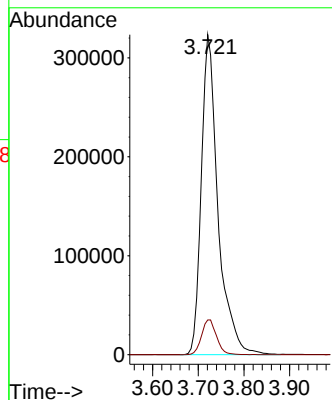
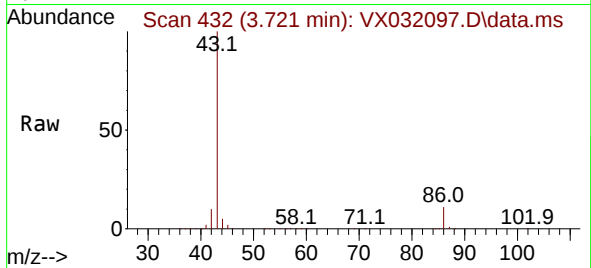
#23
 Vinyl Acetate
 Concen: 301.804 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032097.D
 Acq: 12 Oct 2022 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 819384
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.7 13.1

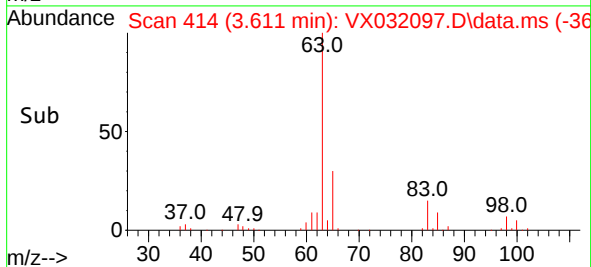
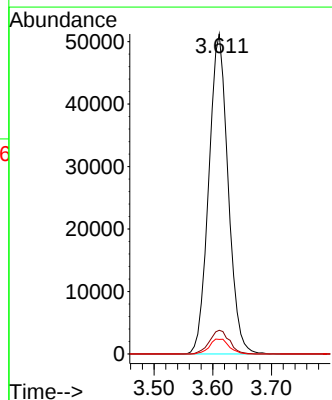
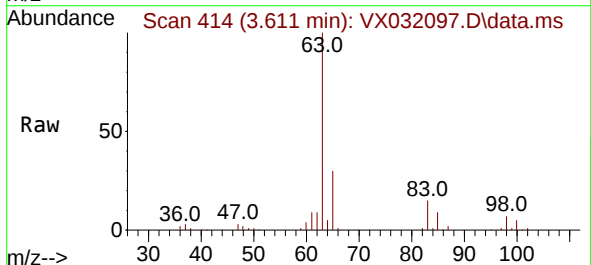
Manual Integrations
 APPROVED

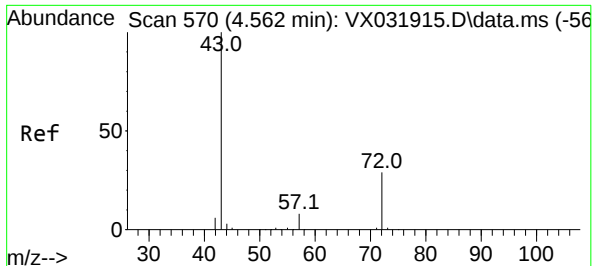
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/13/2022



#24
 1,1-Dichloroethane
 Concen: 53.677 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032097.D
 Acq: 12 Oct 2022 20:11

Tgt Ion: 63 Resp: 116867
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 275.978 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 225729

Ion Ratio Lower Upper

43 100

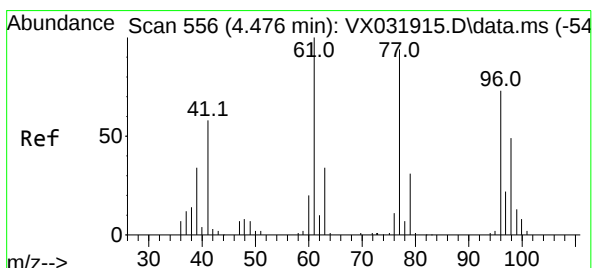
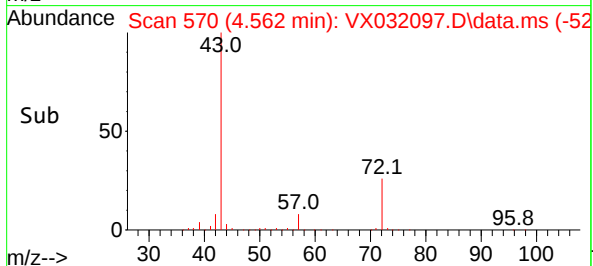
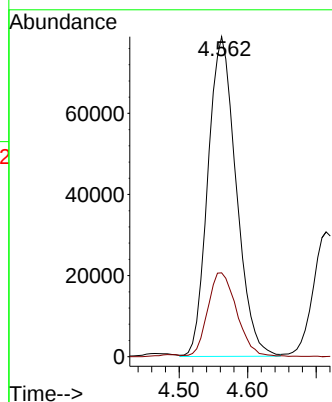
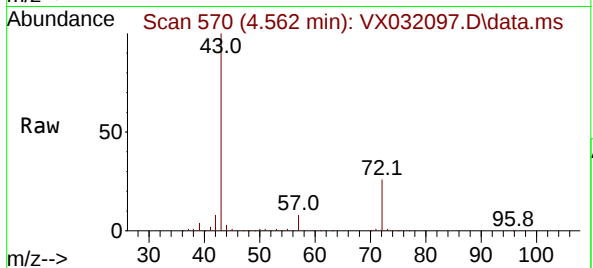
72 26.0 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#26

2,2-Dichloropropane

Concen: 53.603 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.001 min

Lab File: VX032097.D

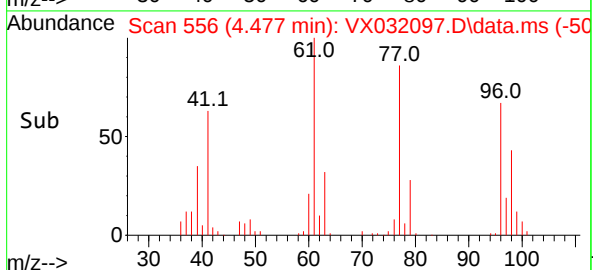
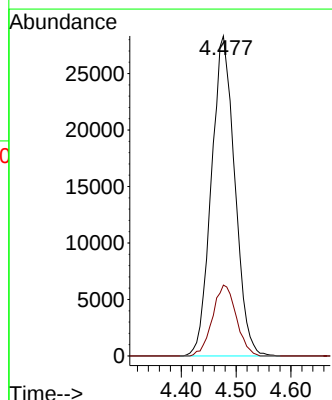
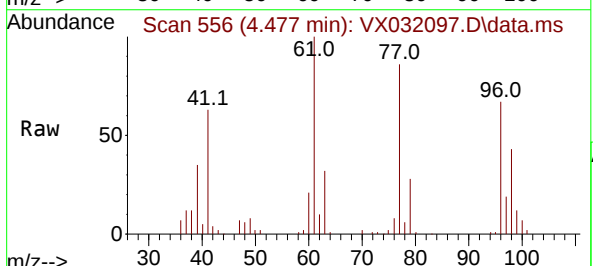
Acq: 12 Oct 2022 20:11

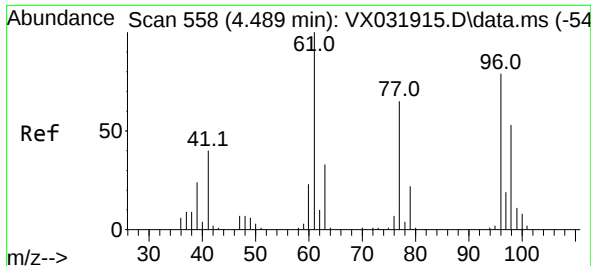
Tgt Ion: 77 Resp: 83828

Ion Ratio Lower Upper

77 100

97 22.5 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 49.662 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 7472

Ion Ratio Lower Upper

96 100

61 142.0 0.0 305.2

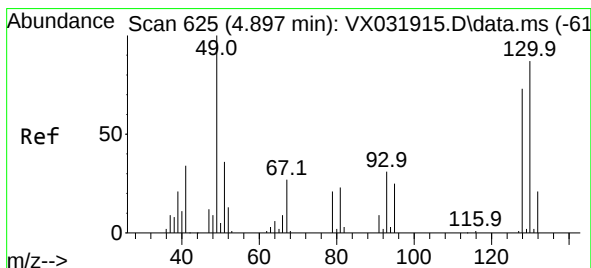
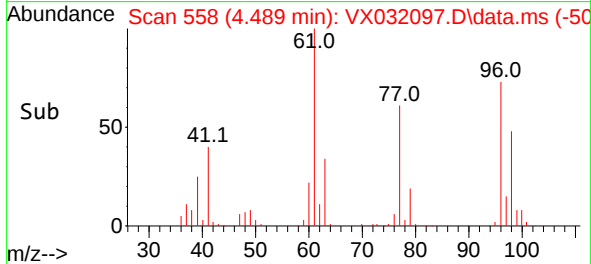
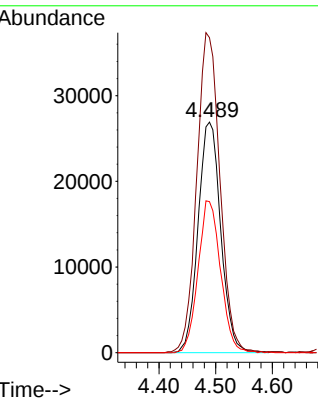
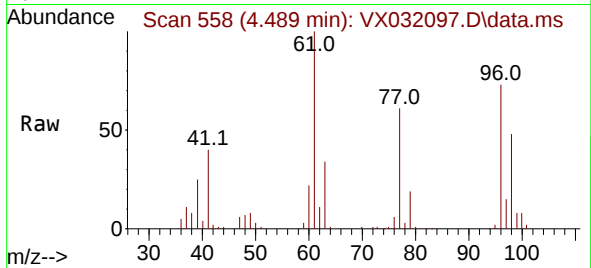
98 65.5 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#28

Bromochloromethane

Concen: 53.576 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

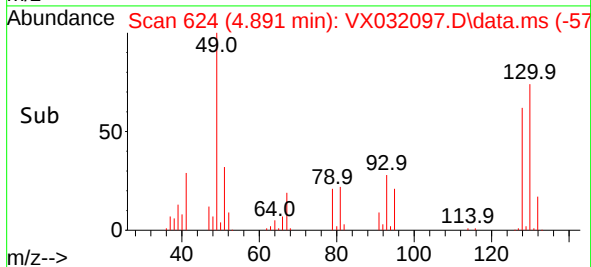
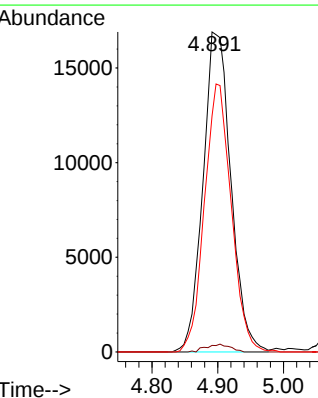
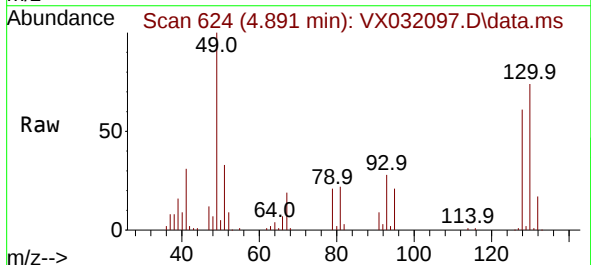
Tgt Ion: 49 Resp: 49929

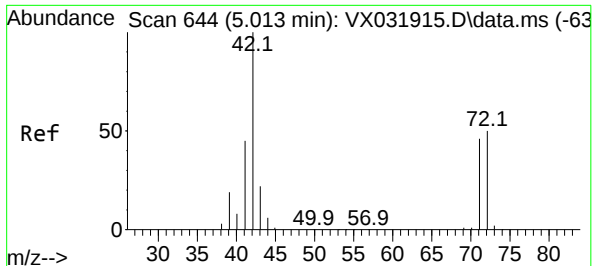
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.6

130 80.5 59.0 88.4





#29

Tetrahydrofuran

Concen: 267.986 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 141428

Ion Ratio Lower Upper

42 100

72 48.6 36.4 54.6

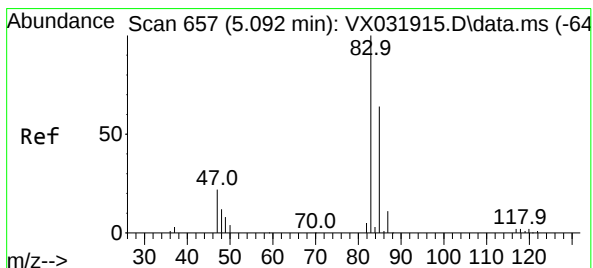
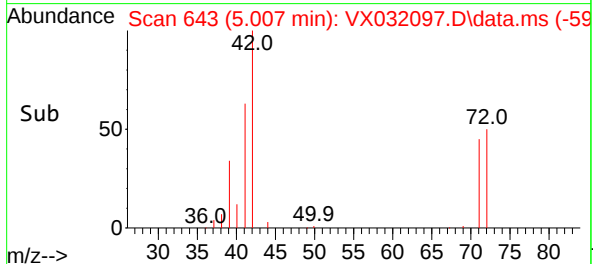
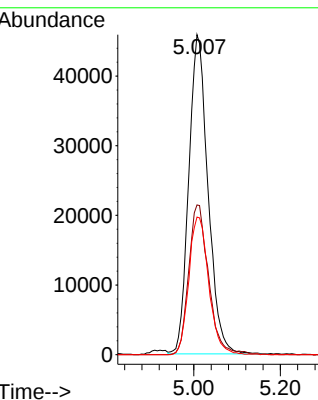
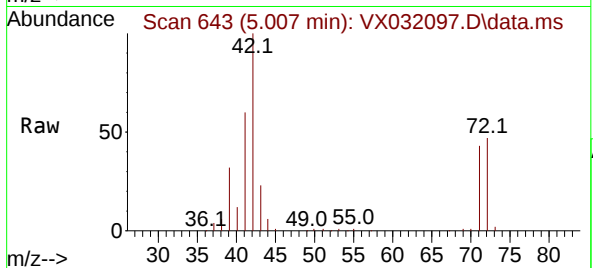
71 44.6 33.5 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#30

Chloroform

Concen: 55.649 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.007 min

Lab File: VX032097.D

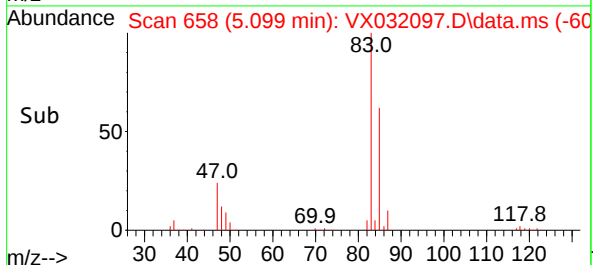
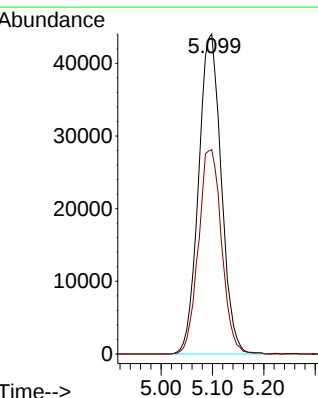
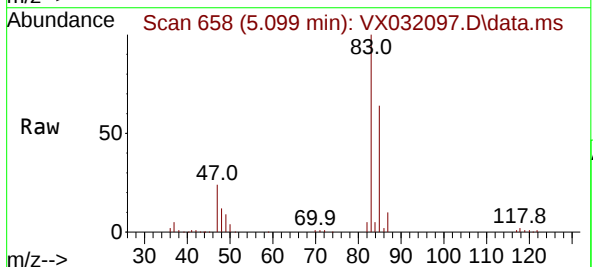
Acq: 12 Oct 2022 20:11

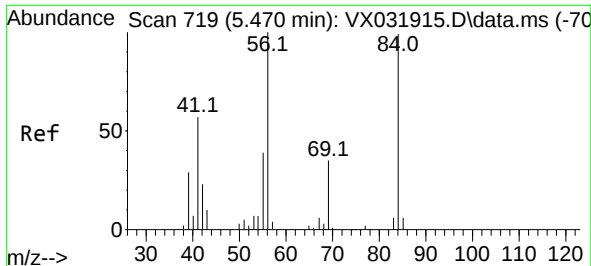
Tgt Ion: 83 Resp: 134958

Ion Ratio Lower Upper

83 100

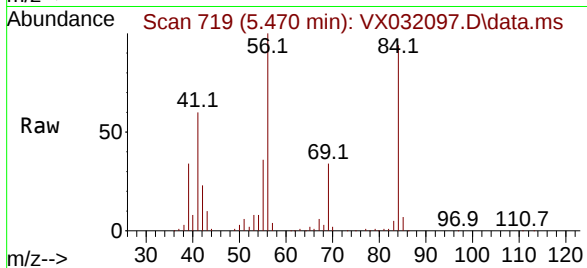
85 63.9 52.8 79.2





#31
Cyclohexane
Concen: 50.340 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

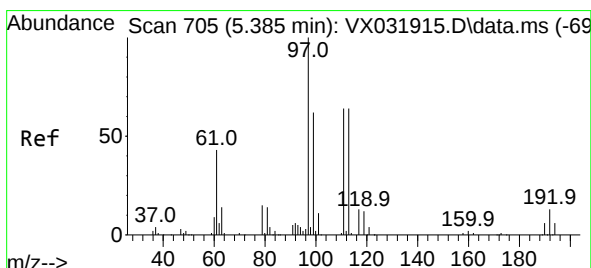
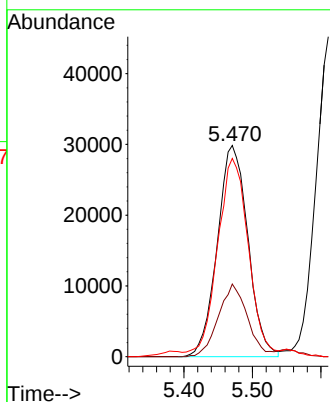
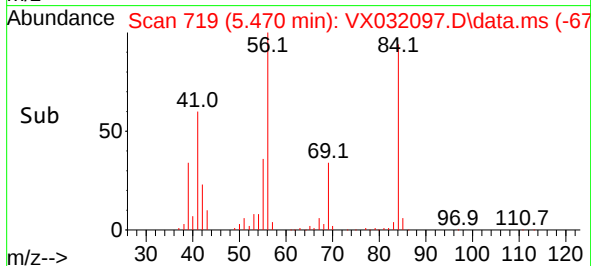
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



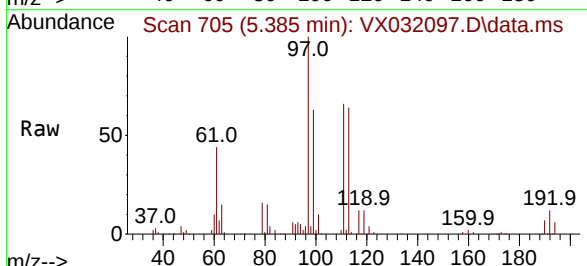
Tgt Ion: 56 Resp: 9258
Ion Ratio Lower Upper
56 100
69 34.4 25.1 37.7
84 91.5 70.2 105.4

Manual Integrations
APPROVED

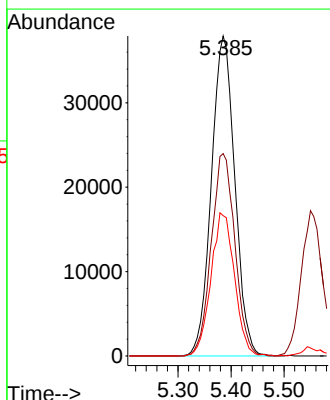
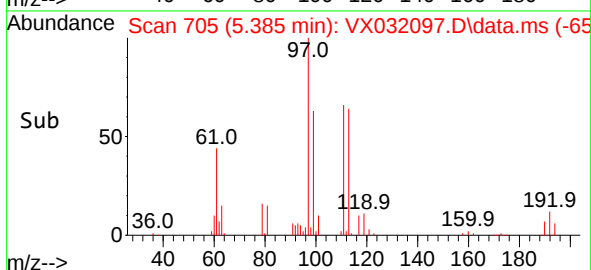
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022

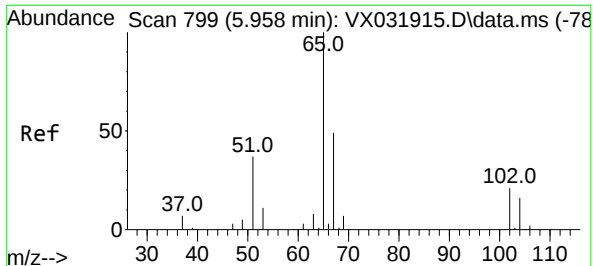


#32
1,1,1-Trichloroethane
Concen: 56.461 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11



Tgt Ion: 97 Resp: 116358
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 45.0 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 58.715 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 9039

Ion Ratio Lower Upper

65 100

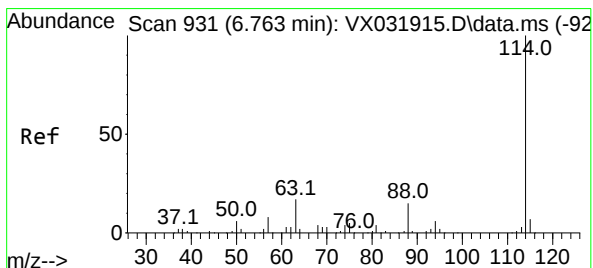
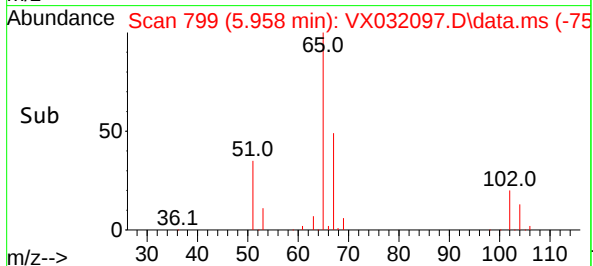
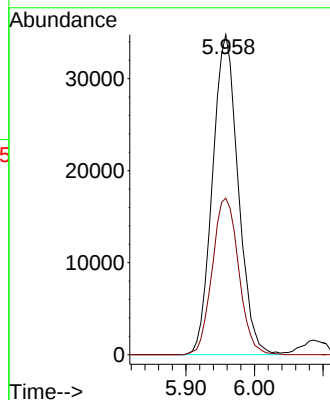
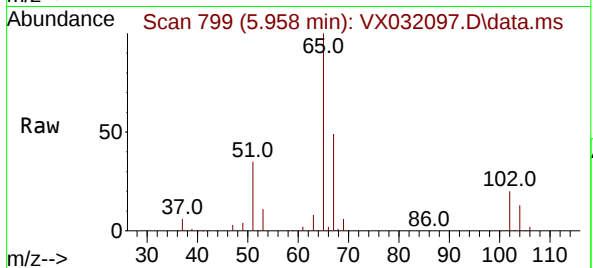
67 50.4 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

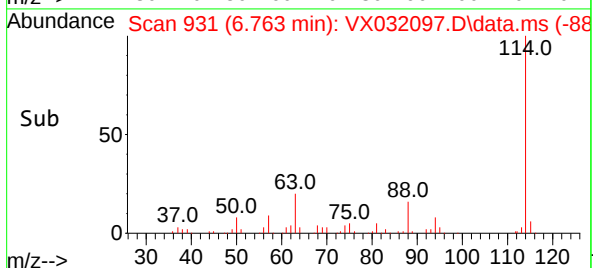
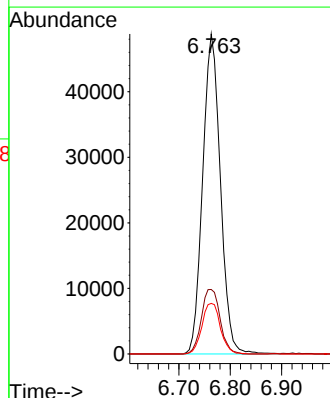
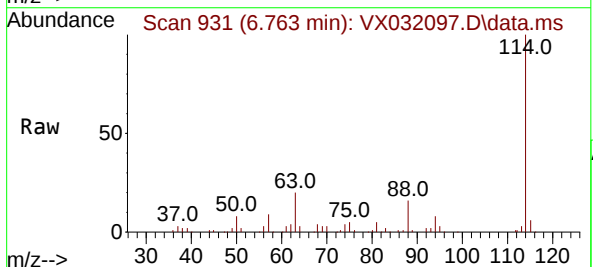
Tgt Ion:114 Resp: 116782

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

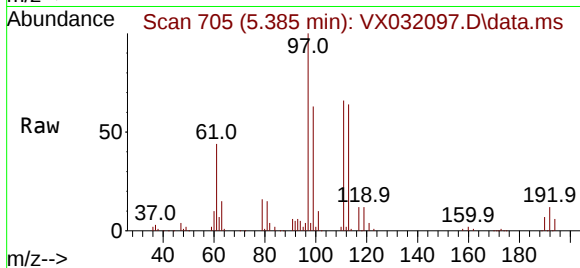
88 15.8 0.0 33.0





#35
Dibromofluoromethane
Concen: 52.676 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

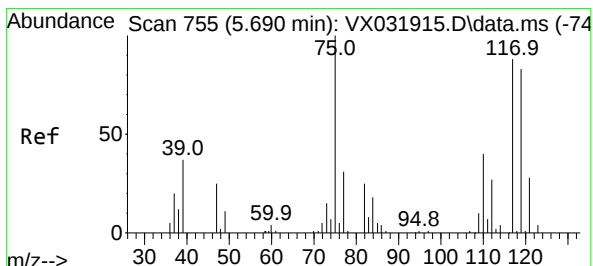
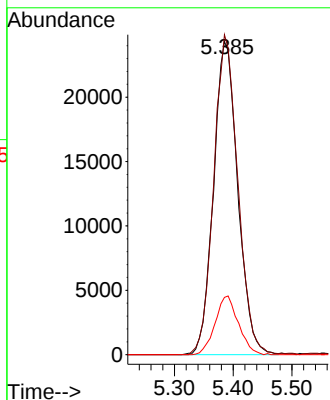
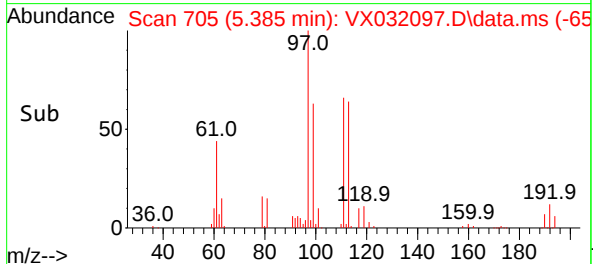
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



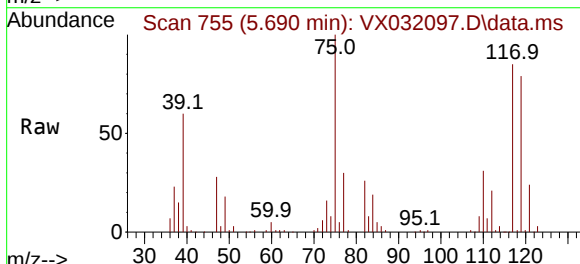
Tgt Ion:113 Resp: 6963
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 18.0 14.1 21.1

Manual Integrations
APPROVED

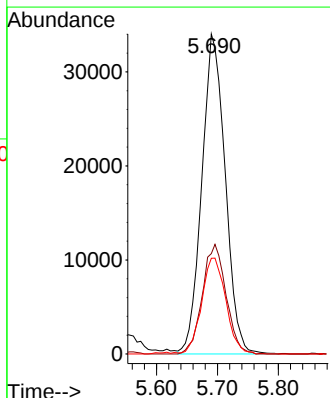
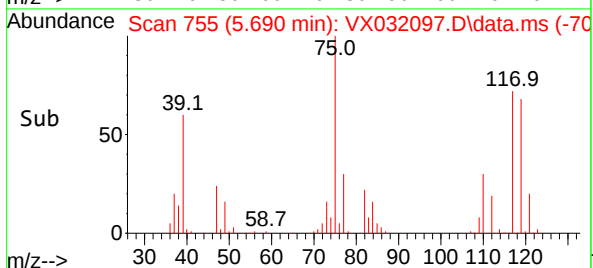
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022

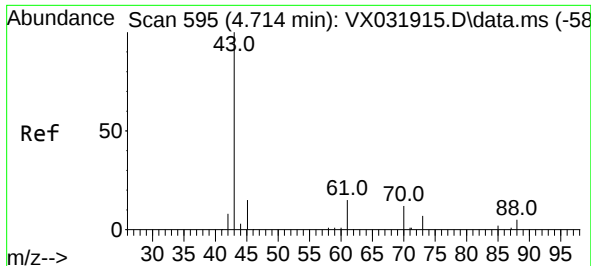


#36
1,1-Dichloropropene
Concen: 51.881 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11



Tgt Ion: 75 Resp: 90943
Ion Ratio Lower Upper
75 100
110 34.7 17.5 52.5
77 30.9 24.9 37.3





#37

Ethyl Acetate

Concen: 55.255 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 91188

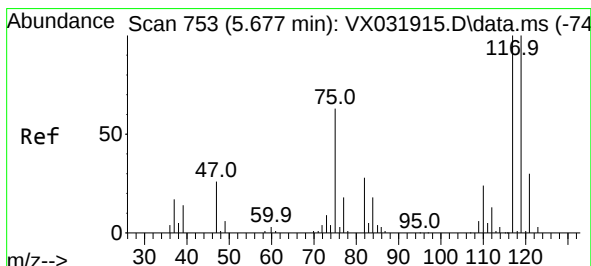
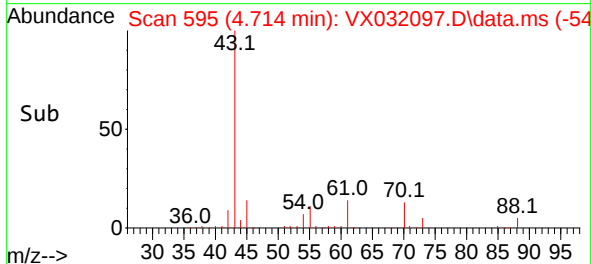
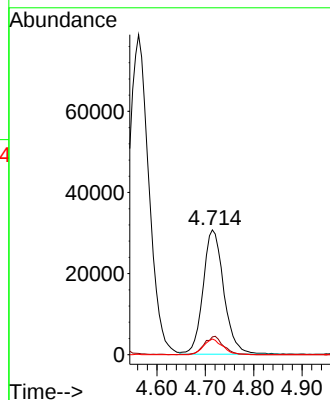
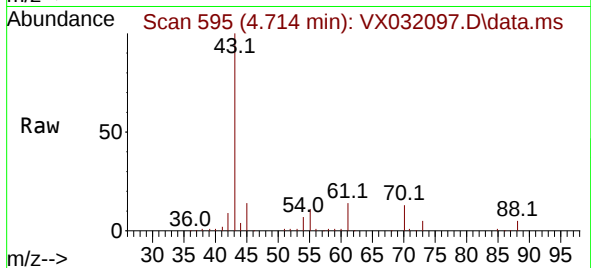
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.1	16.7
70	11.5	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#38

Carbon Tetrachloride

Concen: 54.832 ug/l

RT: 5.678 min Scan# 753

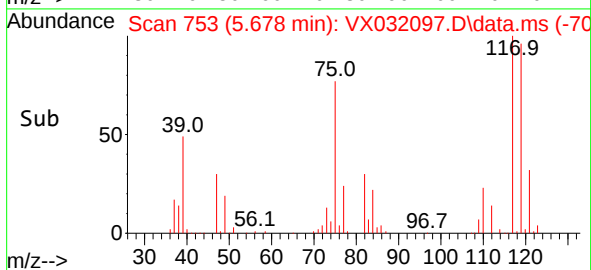
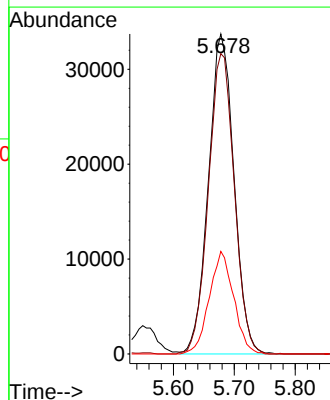
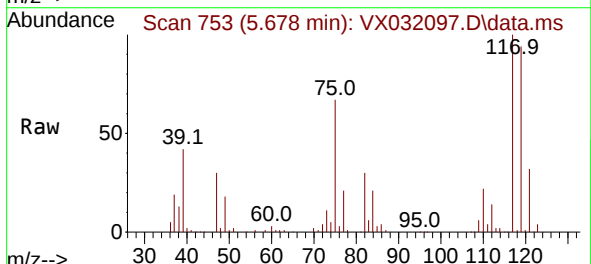
Delta R.T. 0.001 min

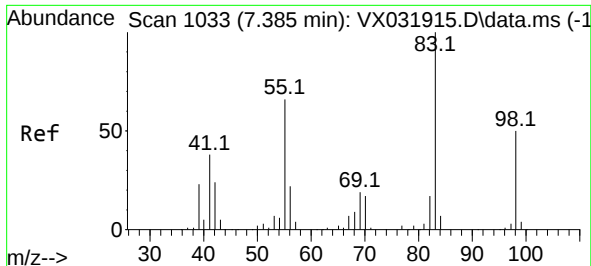
Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

Tgt Ion:117 Resp: 98276

Ion	Ratio	Lower	Upper
117	100		
119	93.6	74.6	112.0
121	32.1	25.3	37.9





#39

Methylcyclohexane

Concen: 49.389 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 10326

Ion Ratio Lower Upper

83 100

55 72.2 61.0 91.4

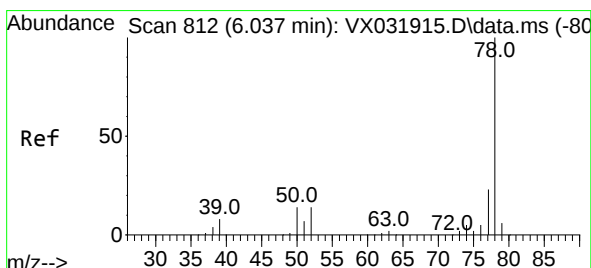
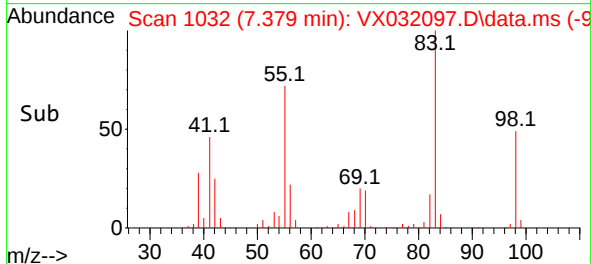
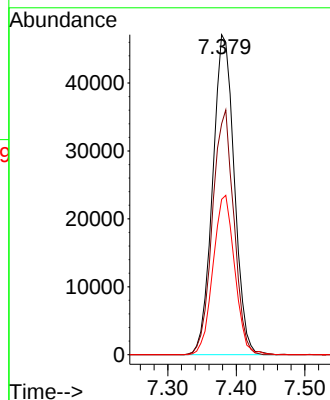
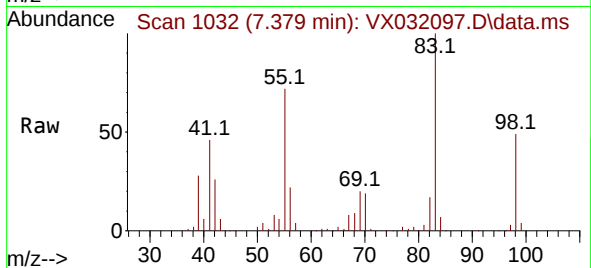
98 48.5 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#40

Benzene

Concen: 50.166 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX032097.D

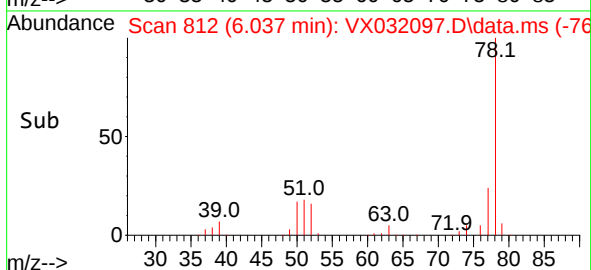
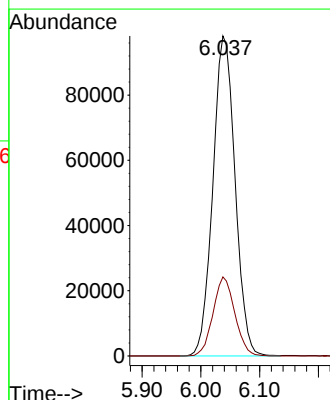
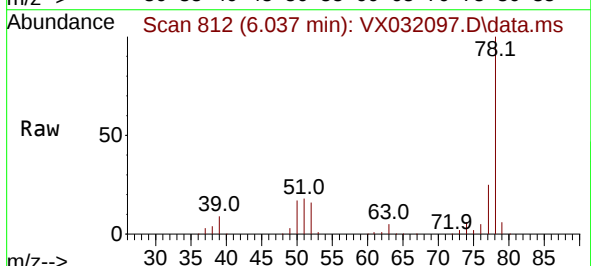
Acq: 12 Oct 2022 20:11

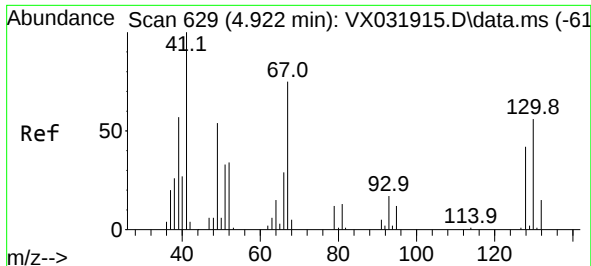
Tgt Ion: 78 Resp: 257500

Ion Ratio Lower Upper

78 100

77 24.7 18.7 28.1





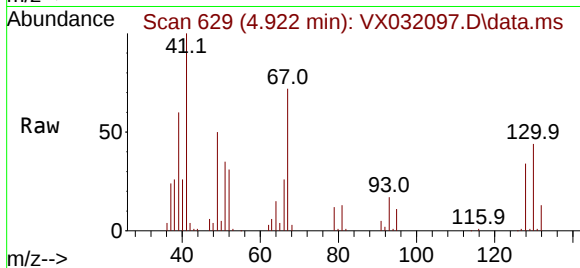
#41
Methacrylonitrile
Concen: 60.555 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



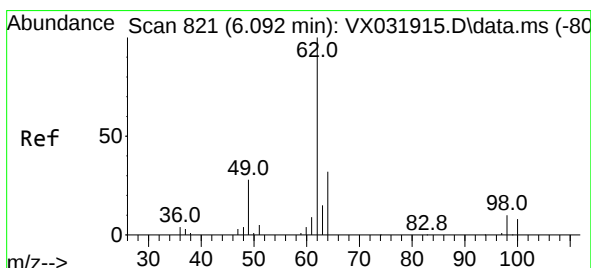
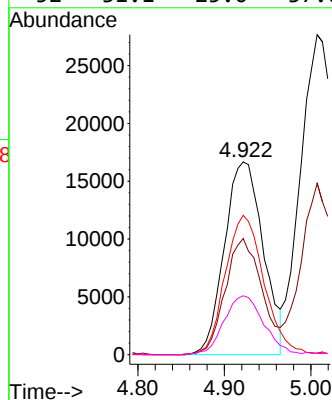
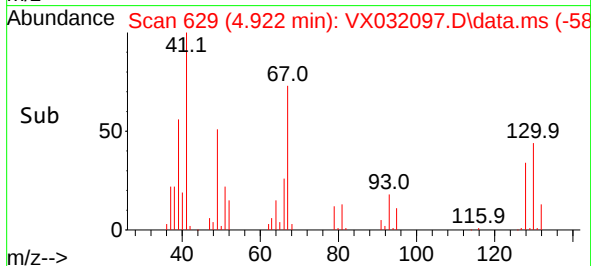
Tgt Ion: 41 Resp: 51960
Ion Ratio Lower Upper
41 100
39 57.3 45.0 67.6
67 72.2 58.2 87.4
52 31.1 25.0 37.6

Manual Integrations

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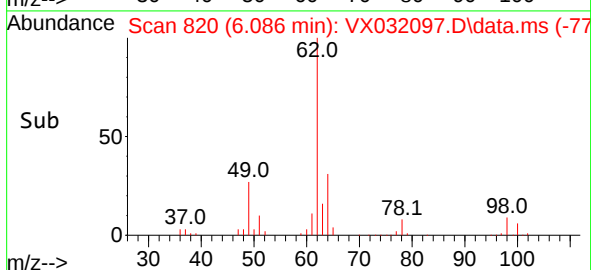
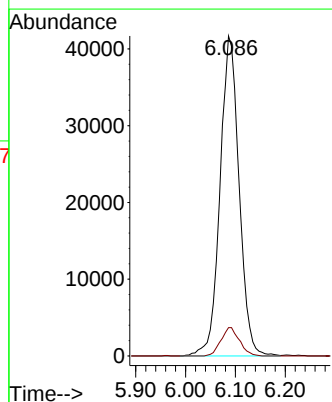
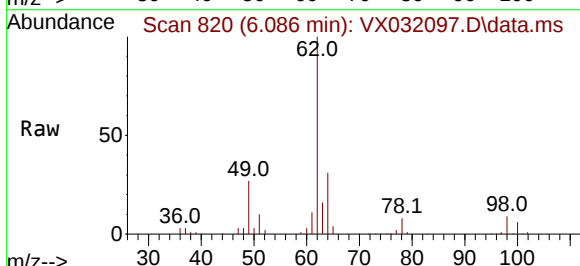
Reviewed By :John Carlone 10/13/2022

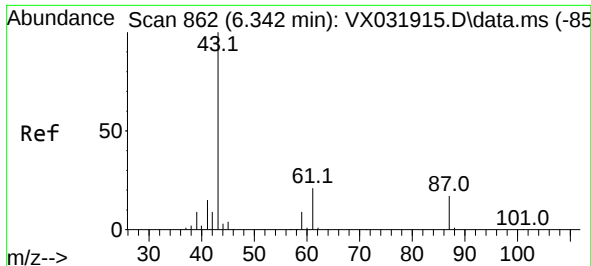
Supervised By :Mahesh Dadoda 10/13/2022



#42
1,2-Dichloroethane
Concen: 59.166 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

Tgt Ion: 62 Resp: 110668
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.8





#43

Isopropyl Acetate

Concen: 60.202 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

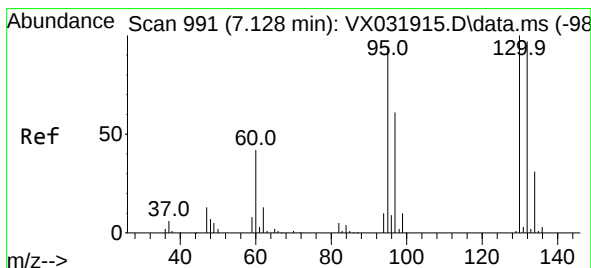
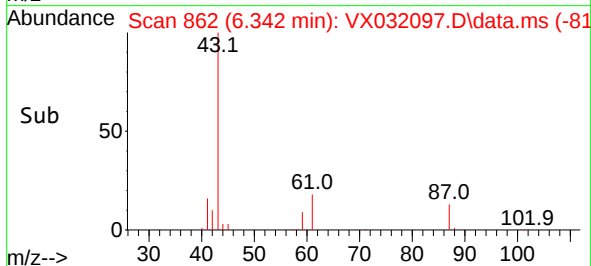
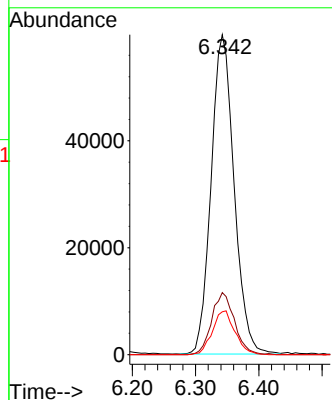
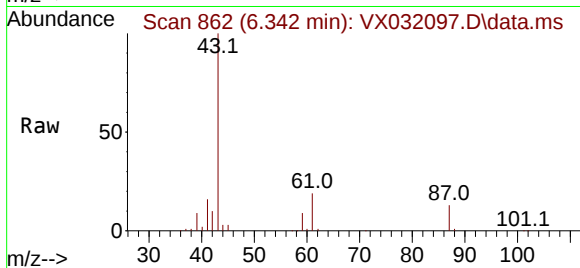
Tgt Ion:	43	Resp:	150738
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.3	22.9
87	13.5	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#44

Trichloroethene

Concen: 48.767 ug/l

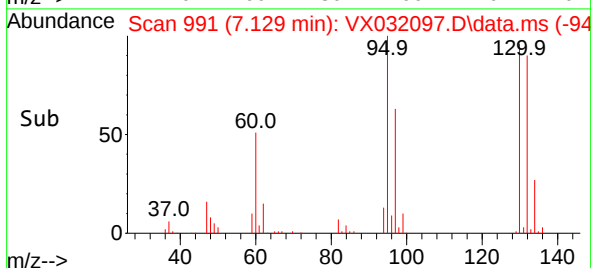
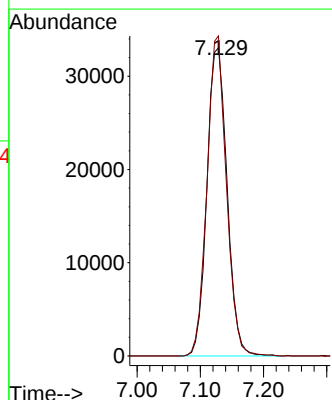
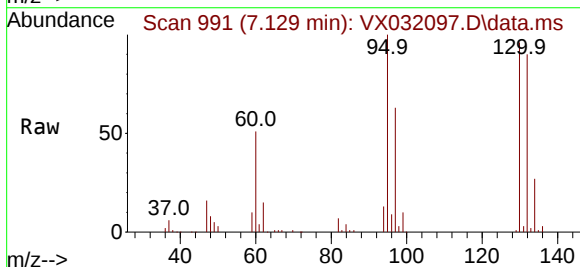
RT: 7.129 min Scan# 991

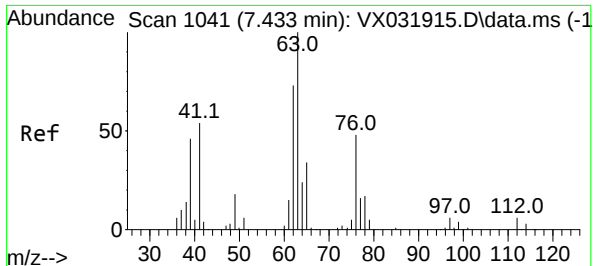
Delta R.T. 0.001 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

Tgt Ion:	130	Resp:	73397
Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	206.8





#45

1,2-Dichloropropane

Concen: 53.562 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 6756

Ion Ratio Lower Upper

63 100

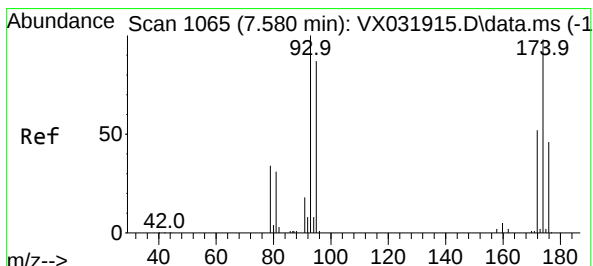
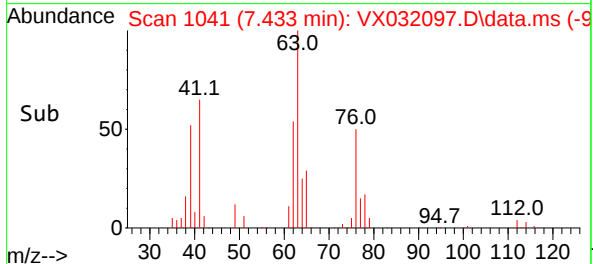
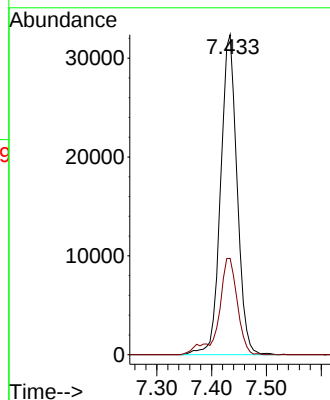
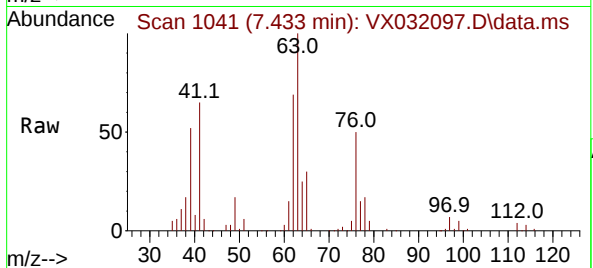
65 30.1 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#46

Dibromomethane

Concen: 52.677 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

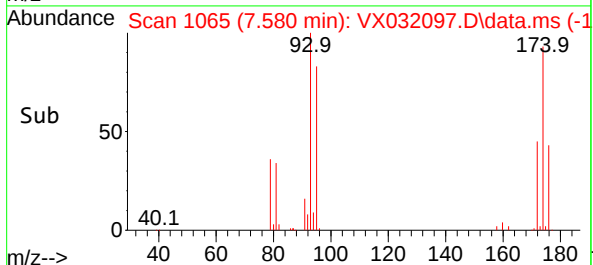
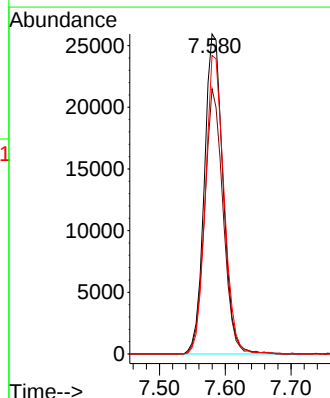
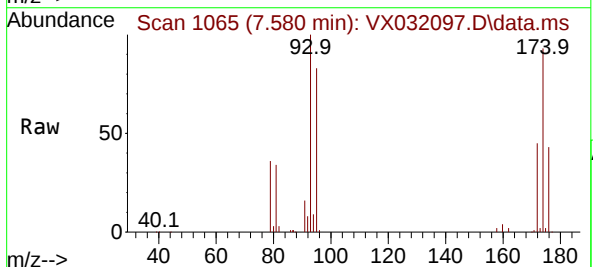
Tgt Ion: 93 Resp: 51497

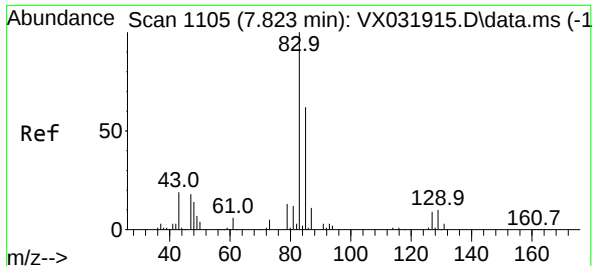
Ion Ratio Lower Upper

93 100

95 81.8 65.5 98.3

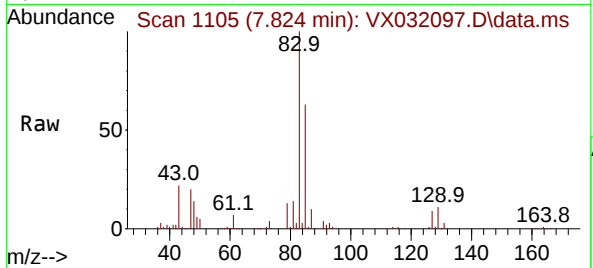
174 92.2 67.6 101.4





#47
Bromodichloromethane
Concen: 58.900 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

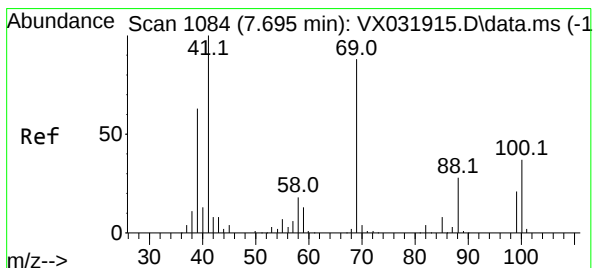
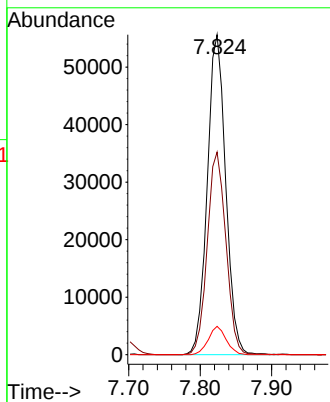
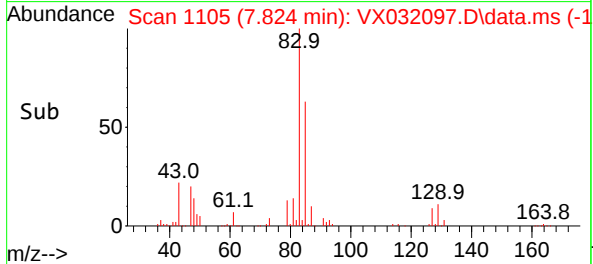
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



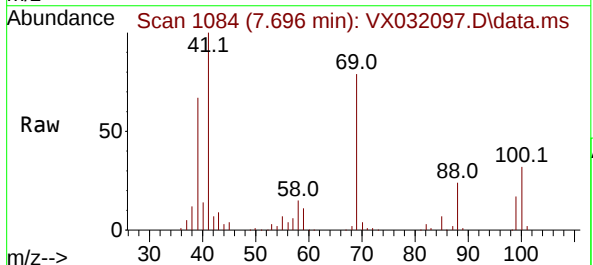
Tgt Ion: 83 Resp: 99470
Ion Ratio Lower Upper
83 100
85 63.3 51.0 76.6
127 8.9 7.0 10.6

Manual Integrations
APPROVED

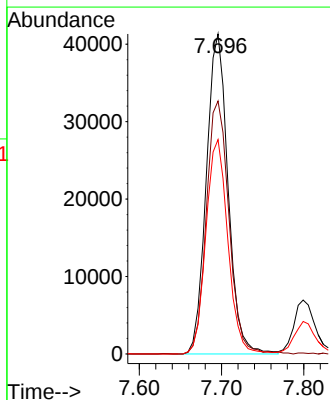
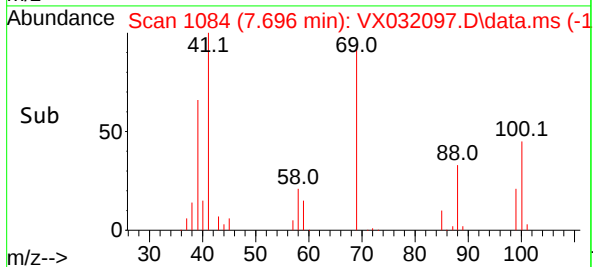
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022

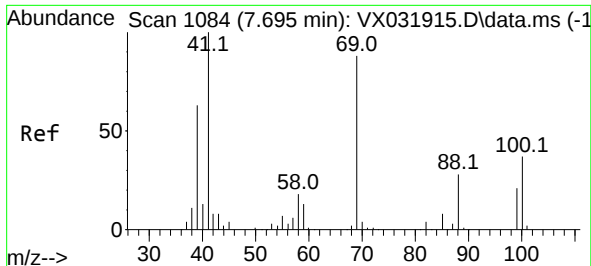


#48
Methyl methacrylate
Concen: 63.279 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.001 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11



Tgt Ion: 41 Resp: 75711
Ion Ratio Lower Upper
41 100
69 82.4 64.6 96.8
39 67.8 51.4 77.0





#49

1,4-Dioxane

Concen: 993.212 ug/l

RT: 7.690 min Scan# 1084

Delta R.T. -0.005 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

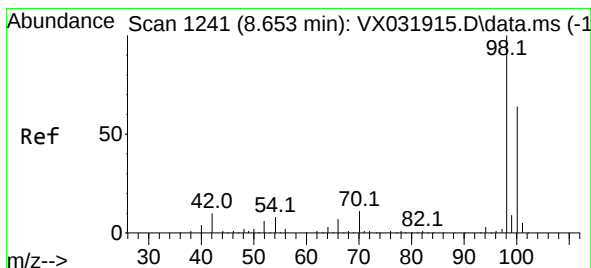
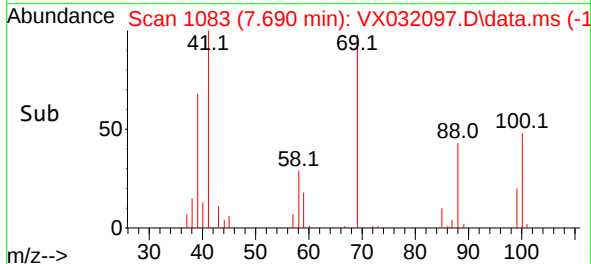
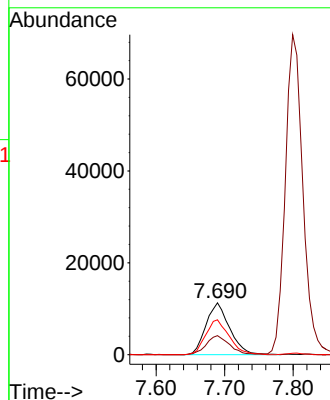
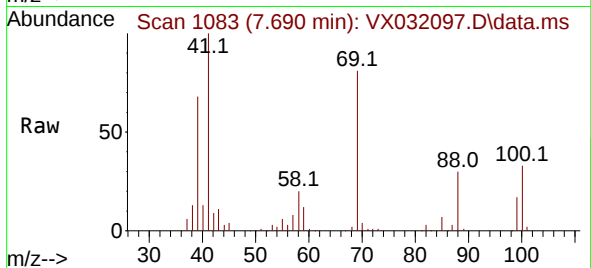
Tgt Ion: 88 Resp: 2689
 Ion Ratio Lower Upper
 88 100
 43 36.6 27.1 40.7
 58 67.1 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#50

Toluene-d8

Concen: 51.703 ug/l

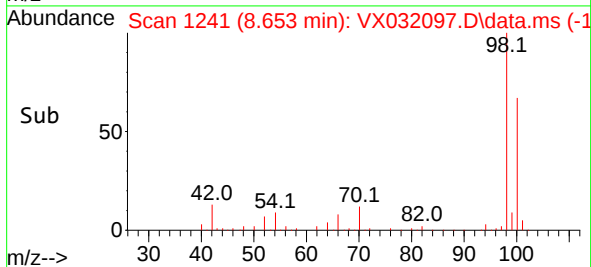
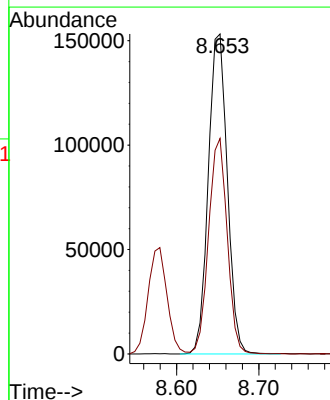
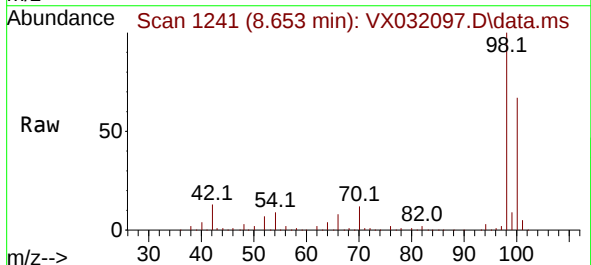
RT: 8.653 min Scan# 1241

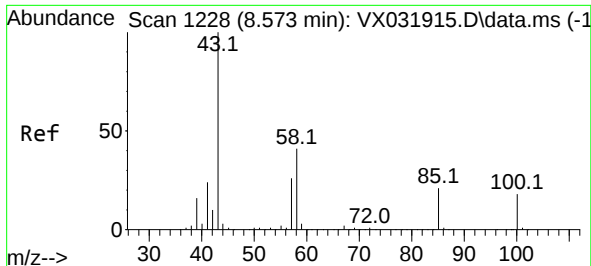
Delta R.T. -0.000 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

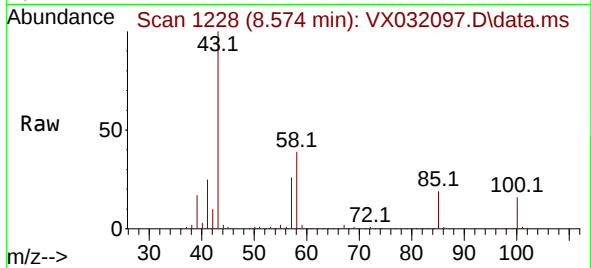
Tgt Ion: 98 Resp: 245934
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 289.510 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

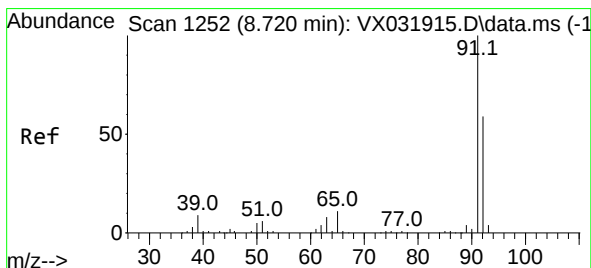
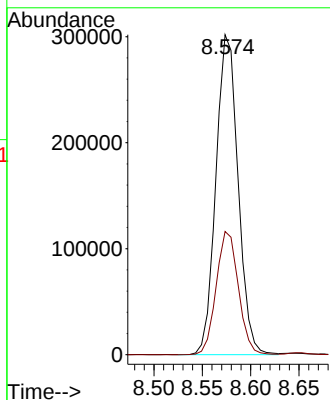
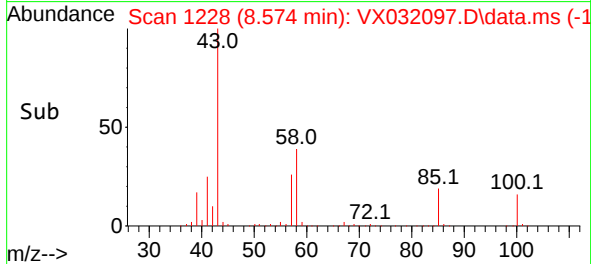
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 480380
Ion Ratio Lower Upper
43 100
58 38.6 30.6 46.0

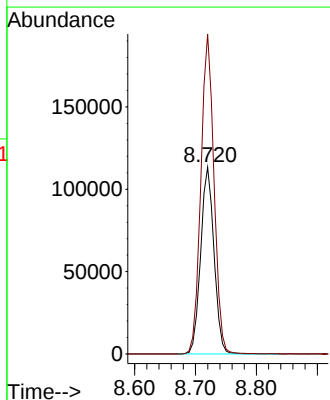
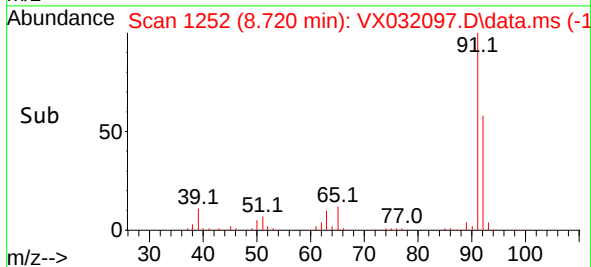
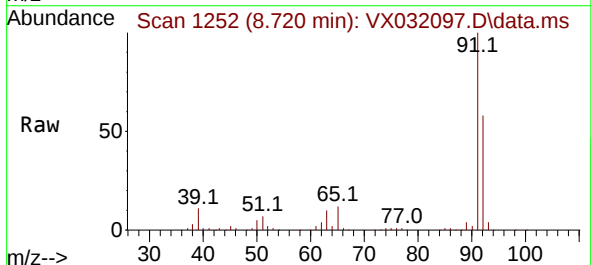
Manual Integrations
APPROVED

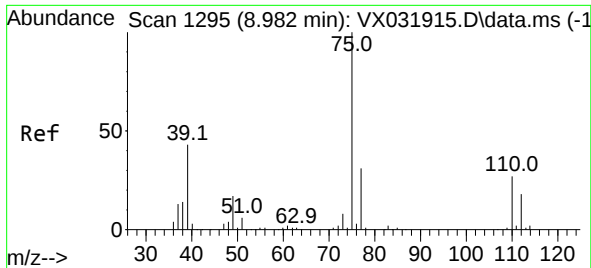
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#52
Toluene
Concen: 51.500 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

Tgt Ion: 92 Resp: 172837
Ion Ratio Lower Upper
92 100
91 168.9 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 54.241 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 98800

Ion Ratio Lower Upper

75 100

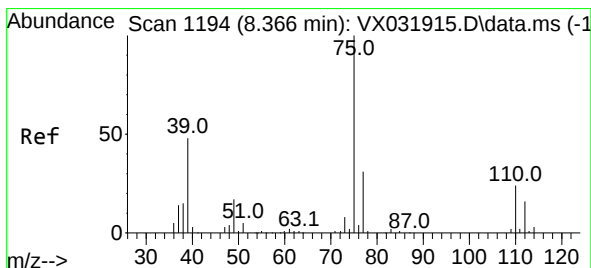
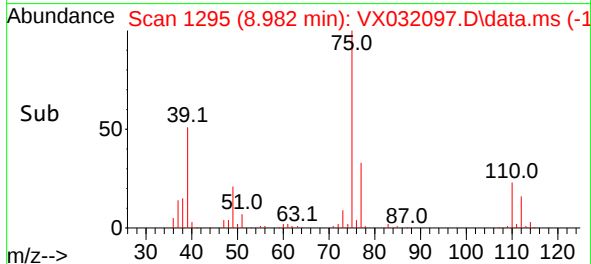
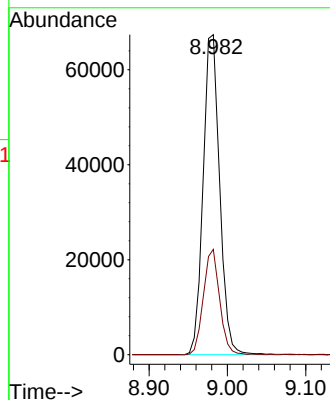
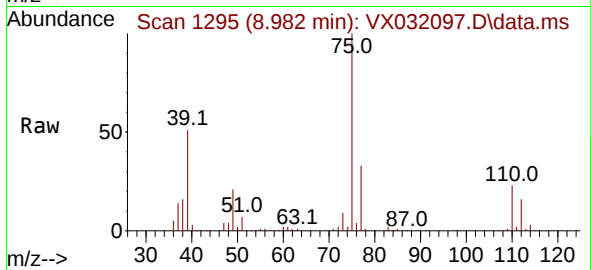
77 32.9 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#54

cis-1,3-Dichloropropene

Concen: 58.563 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

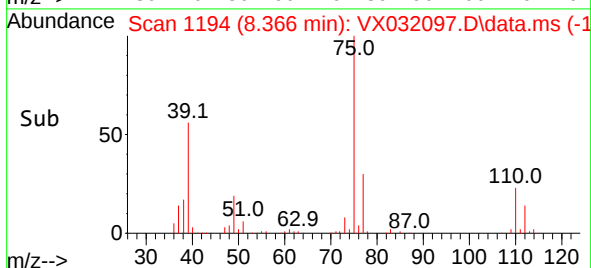
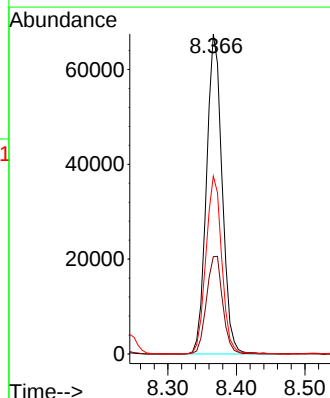
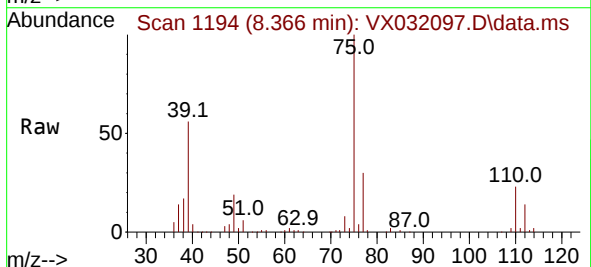
Tgt Ion: 75 Resp: 107108

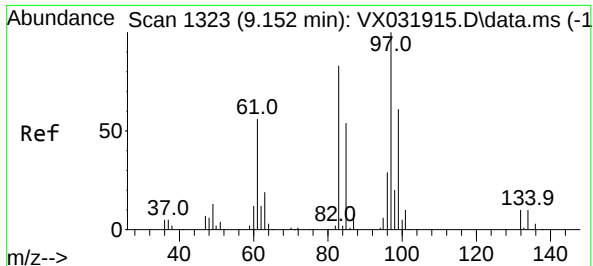
Ion Ratio Lower Upper

75 100

77 30.4 24.4 36.6

39 55.6 43.7 65.5





#55

1,1,2-Trichloroethane

Concen: 51.857 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.001 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 73454

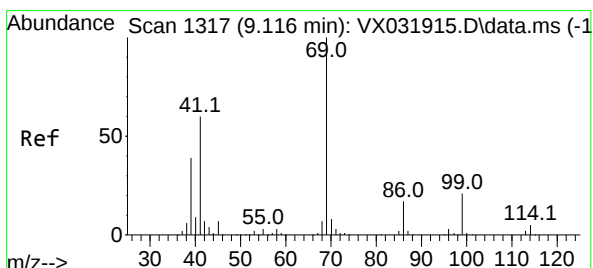
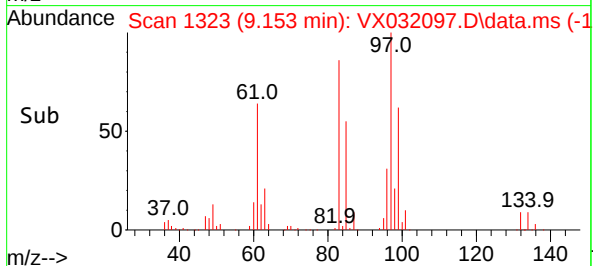
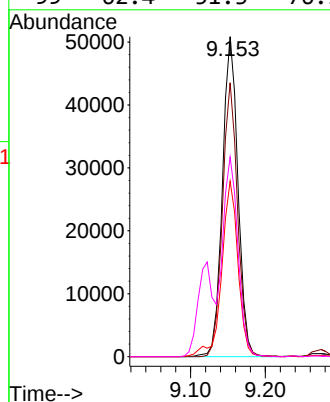
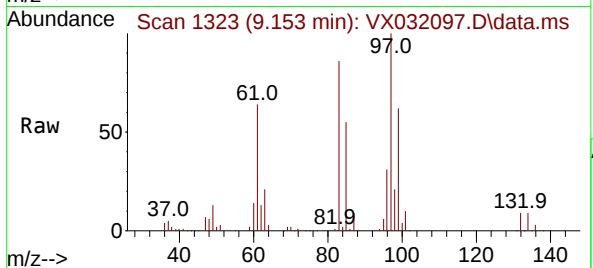
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.0	103.6
85	54.8	44.1	66.1
99	62.4	51.3	76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#56

Ethyl methacrylate

Concen: 59.244 ug/l

RT: 9.116 min Scan# 1317

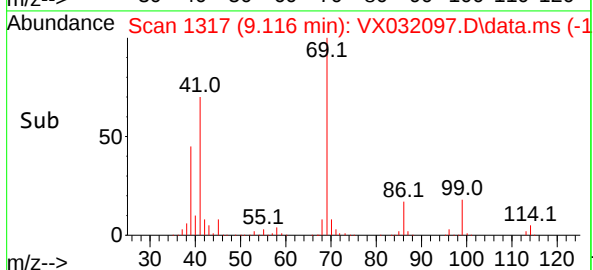
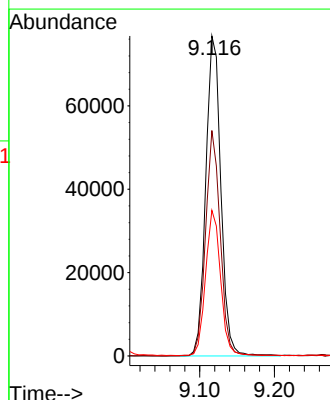
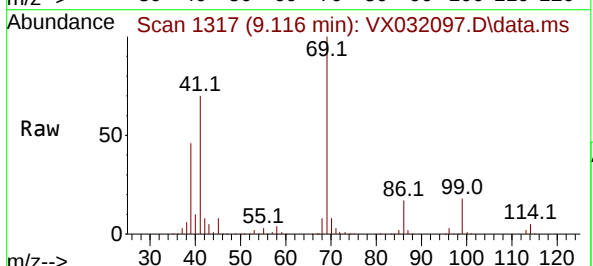
Delta R.T. 0.000 min

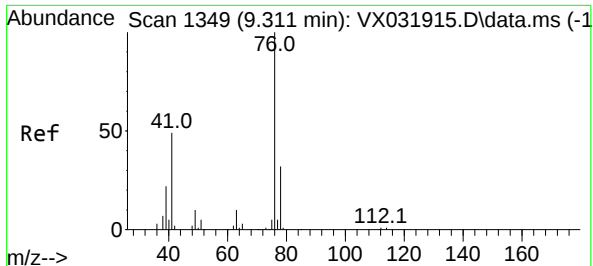
Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

Tgt Ion: 69 Resp: 107568

Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.2	81.4
39	45.2	34.2	51.2





#57

1,3-Dichloropropane

Concen: 53.459 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 12168

Ion Ratio Lower Upper

76 100

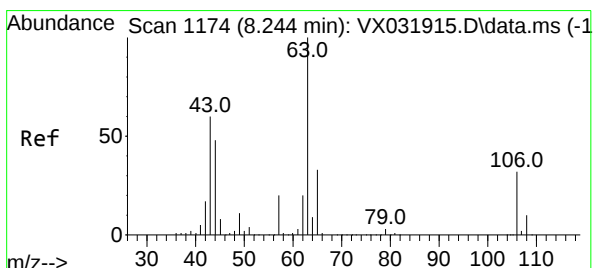
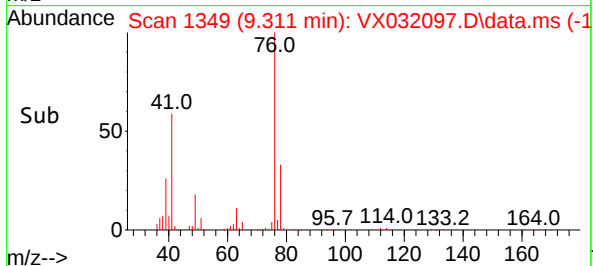
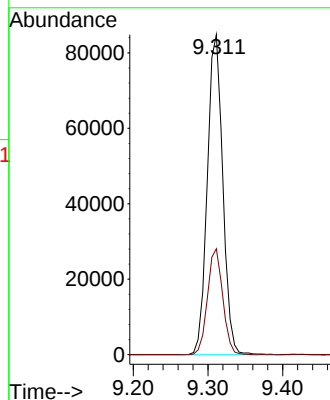
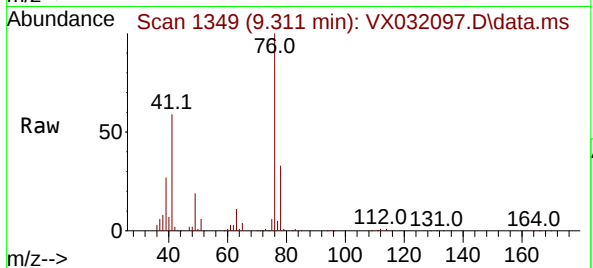
78 32.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 284.992 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX032097.D

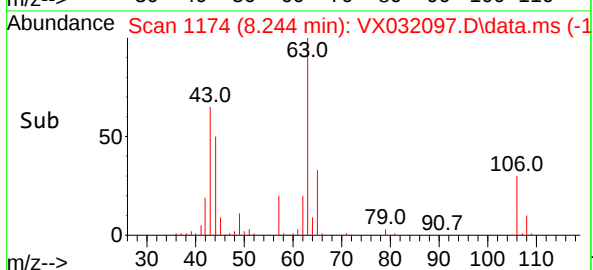
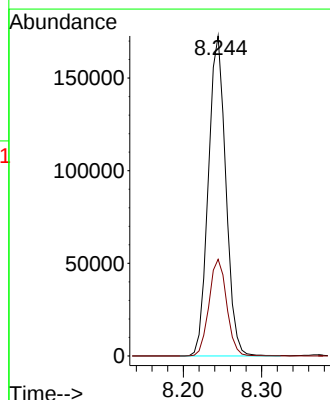
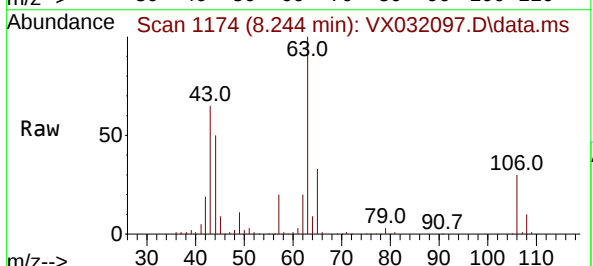
Acq: 12 Oct 2022 20:11

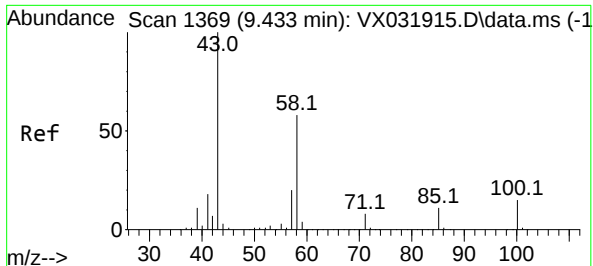
Tgt Ion: 63 Resp: 267110

Ion Ratio Lower Upper

63 100

106 30.5 22.6 34.0





#59

2-Hexanone

Concen: 290.627 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 355569

Ion Ratio Lower Upper

43 100

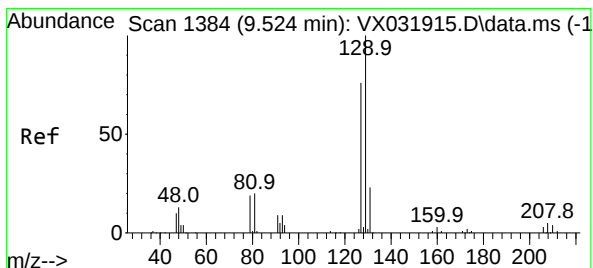
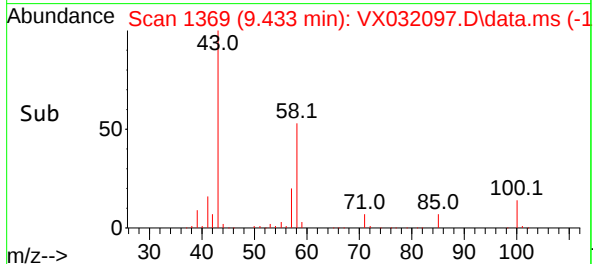
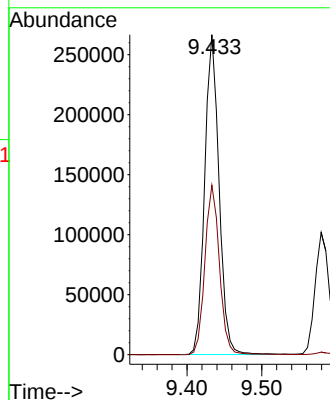
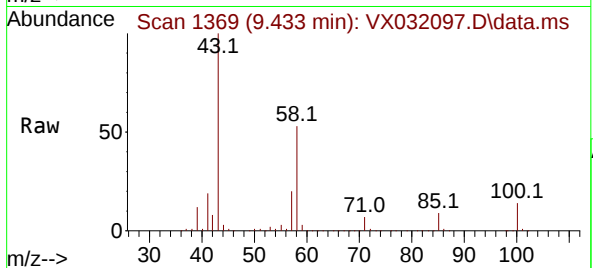
58 53.7 26.7 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#60

Dibromochloromethane

Concen: 58.216 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.001 min

Lab File: VX032097.D

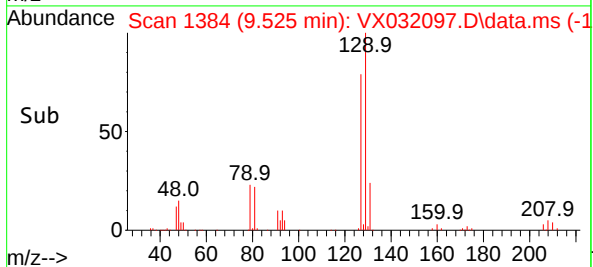
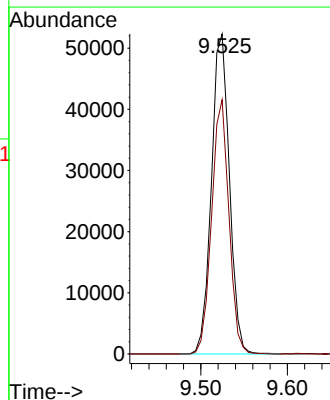
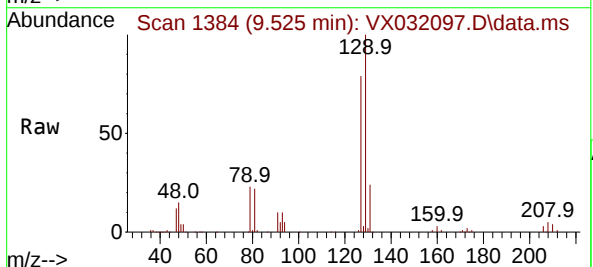
Acq: 12 Oct 2022 20:11

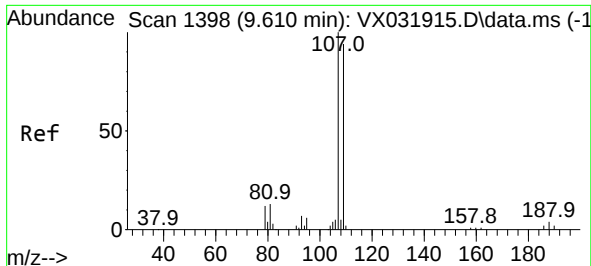
Tgt Ion:129 Resp: 75467

Ion Ratio Lower Upper

129 100

127 76.4 38.7 116.1





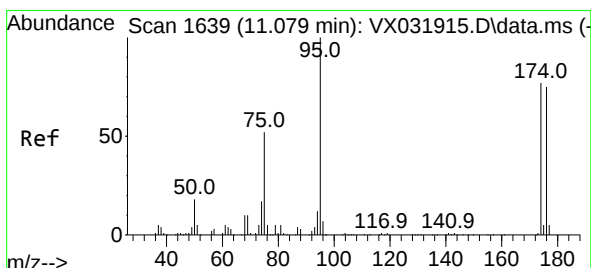
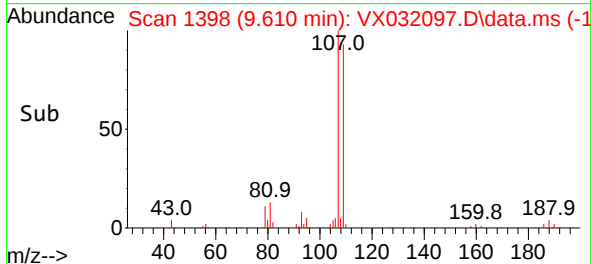
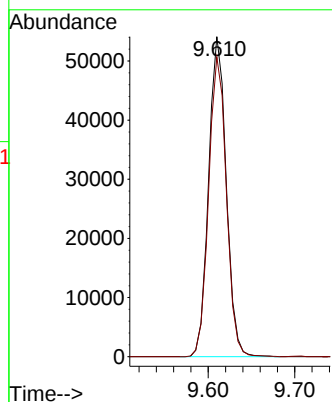
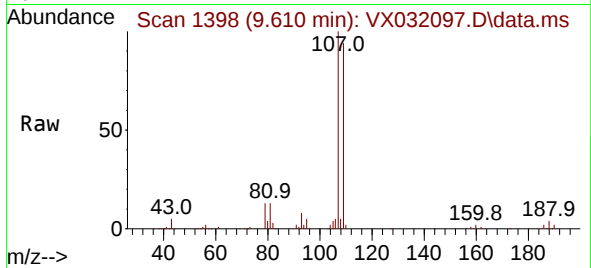
#61
1,2-Dibromoethane
Concen: 53.684 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 7647
Ion Ratio Lower Upper
107 100
109 94.3 74.2 111.4

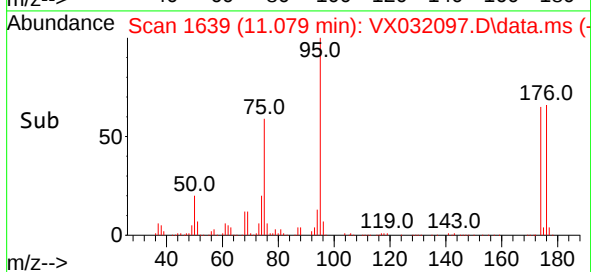
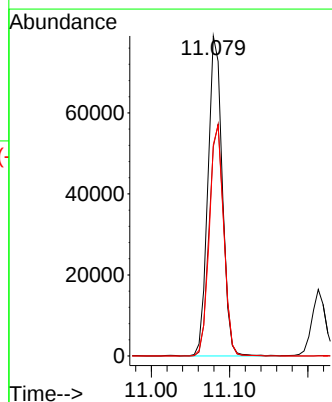
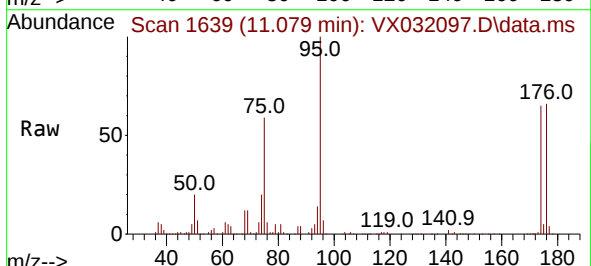
Manual Integrations
APPROVED

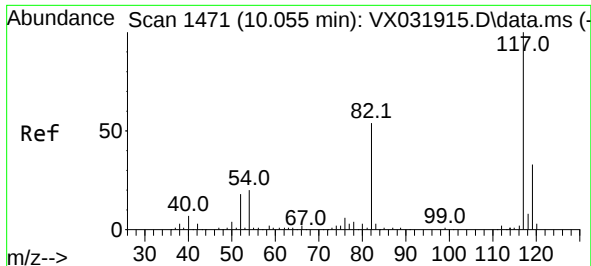
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#62
4-Bromofluorobenzene
Concen: 59.613 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

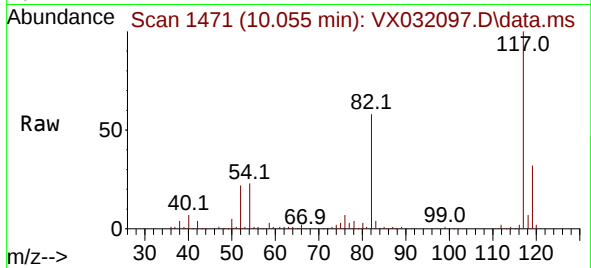
Tgt Ion: 95 Resp: 100246
Ion Ratio Lower Upper
95 100
174 73.1 0.0 153.2
176 72.0 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

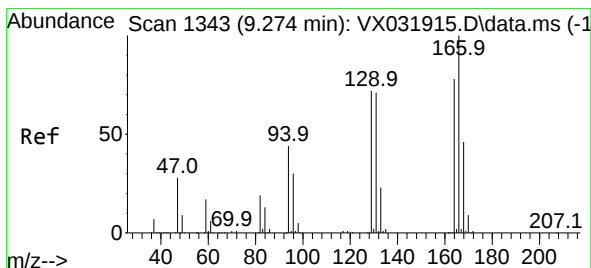
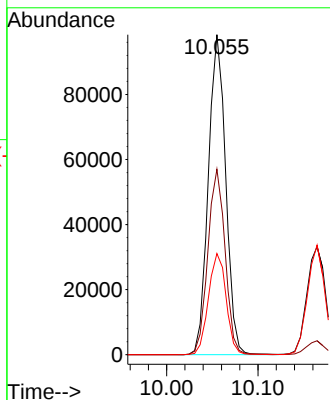
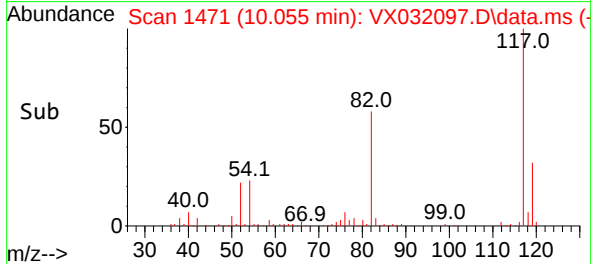
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 129452
Ion Ratio Lower Upper
117 100
82 58.0 46.8 70.2
119 31.6 26.4 39.6

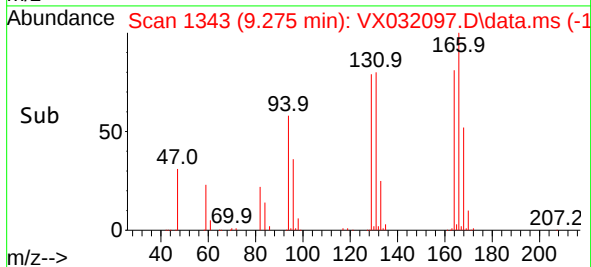
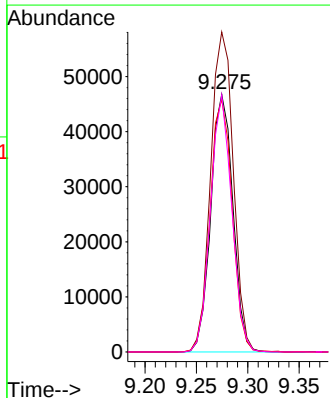
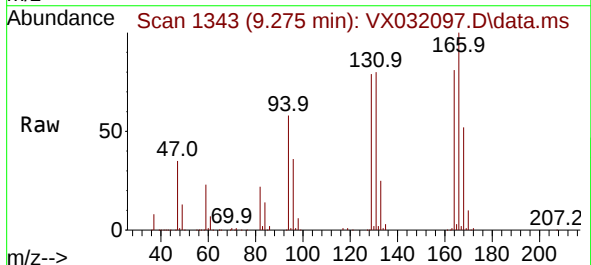
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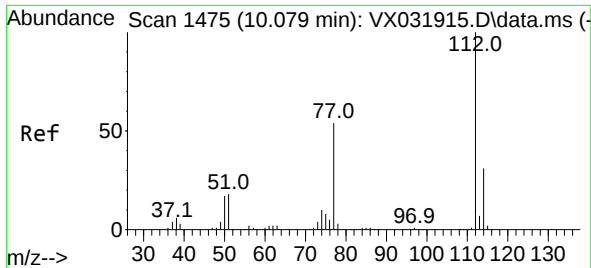
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#64
Tetrachloroethene
Concen: 47.880 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

Tgt Ion:164 Resp: 69976
Ion Ratio Lower Upper
164 100
166 124.2 99.0 148.4
129 98.0 78.0 117.0
131 99.8 74.2 111.2





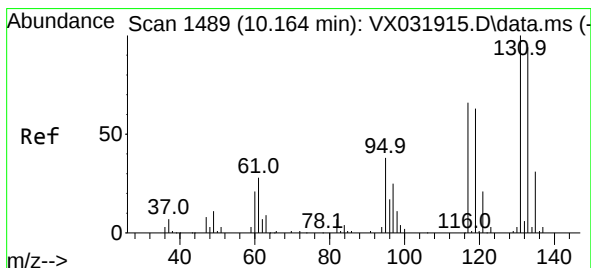
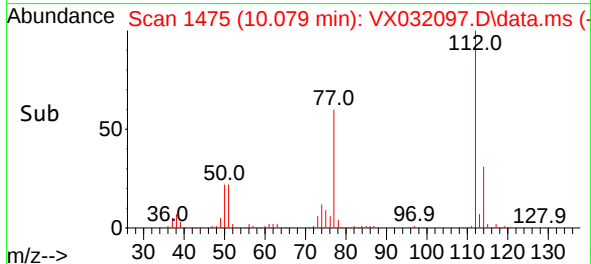
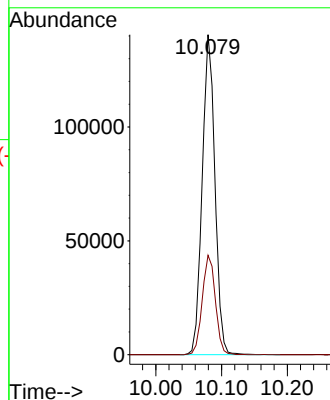
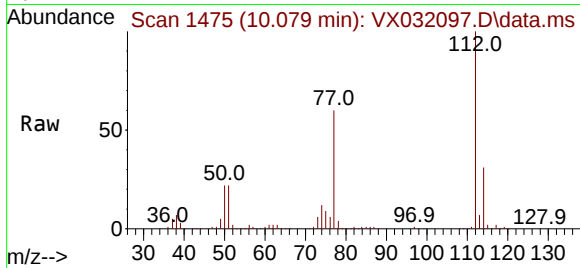
#65
Chlorobenzene
Concen: 48.160 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 18890
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5

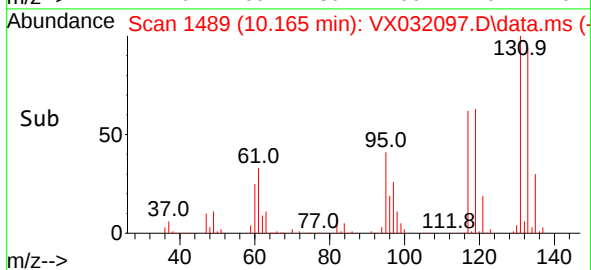
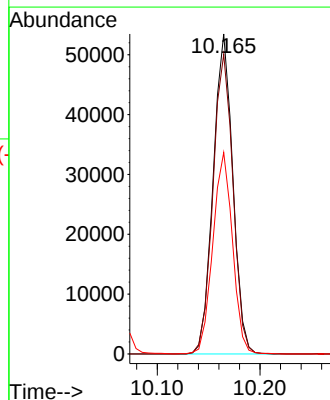
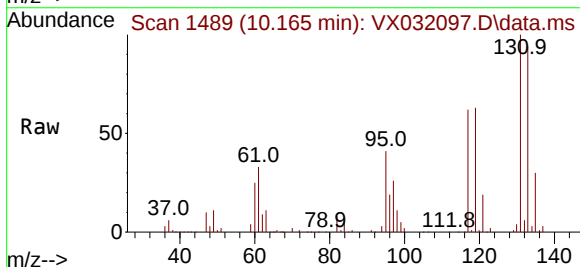
Manual Integrations
APPROVED

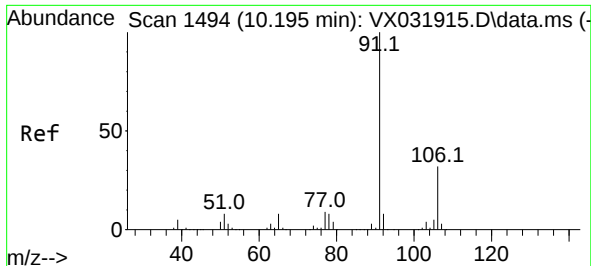
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 52.312 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

Tgt Ion:131 Resp: 70999
Ion Ratio Lower Upper
131 100
133 95.7 46.6 139.7
119 63.1 31.9 95.9





#67

Ethyl Benzene

Concen: 51.506 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 34177

Ion Ratio Lower Upper

91 100

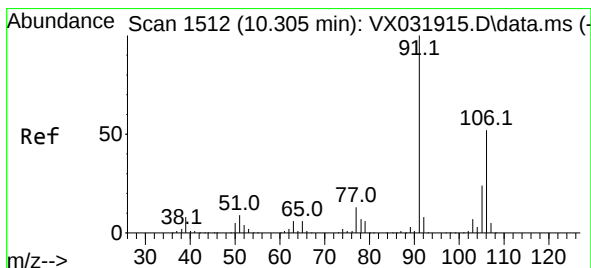
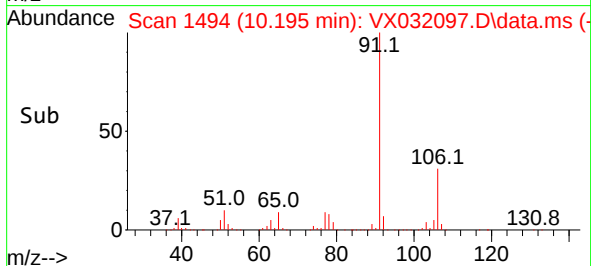
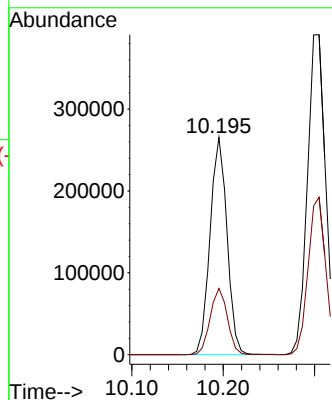
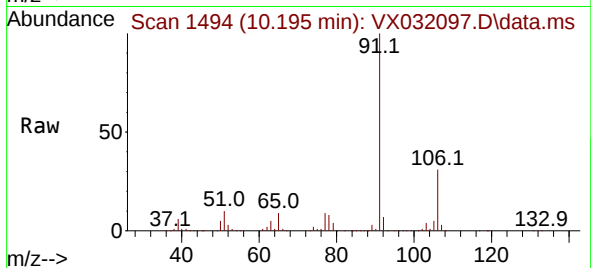
106 30.5 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#68

m/p-Xylenes

Concen: 98.270 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX032097.D

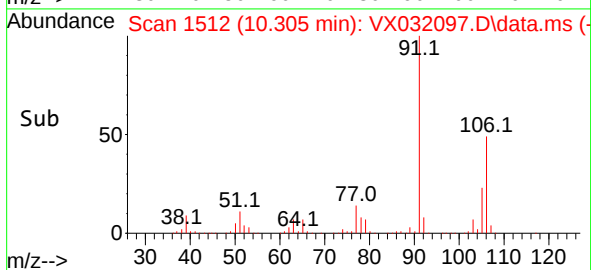
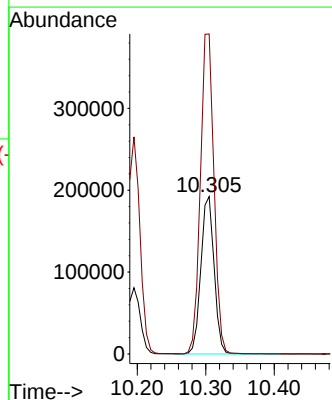
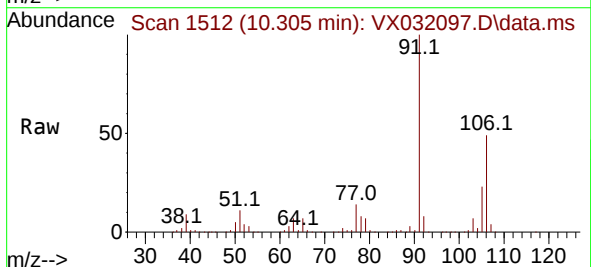
Acq: 12 Oct 2022 20:11

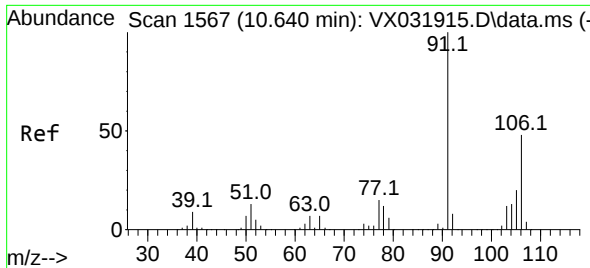
Tgt Ion:106 Resp: 259132

Ion Ratio Lower Upper

106 100

91 208.7 161.0 241.4





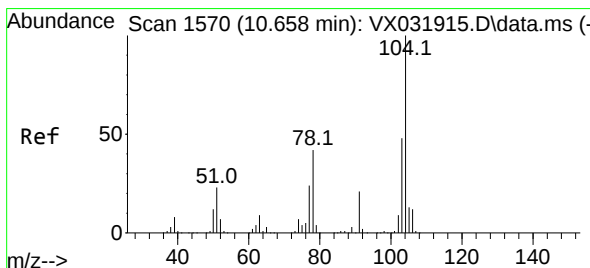
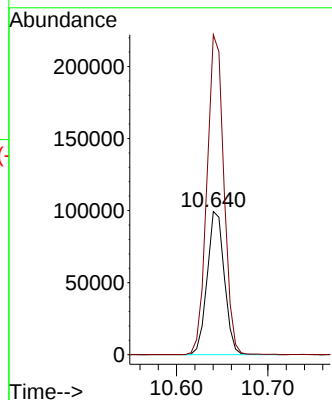
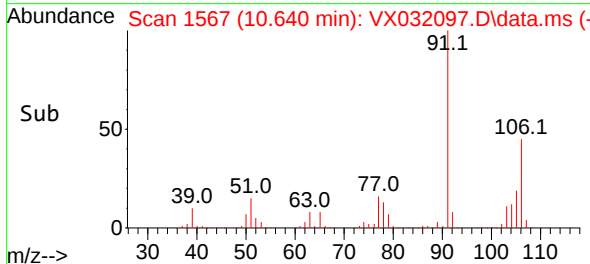
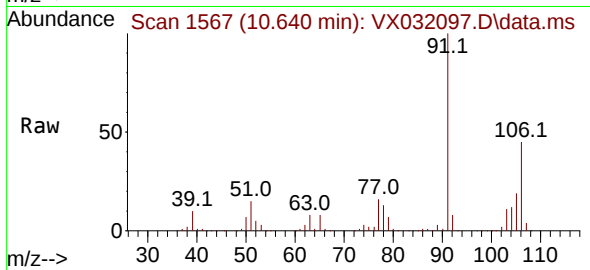
#69
o-Xylene
Concen: 50.443 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 12928
Ion Ratio Lower Upper
106 100
91 219.8 107.2 321.6

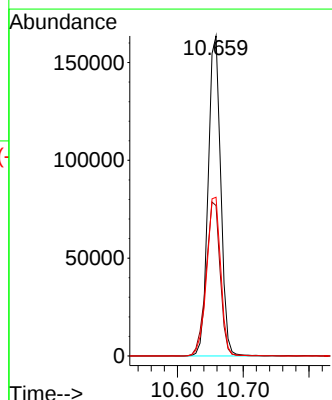
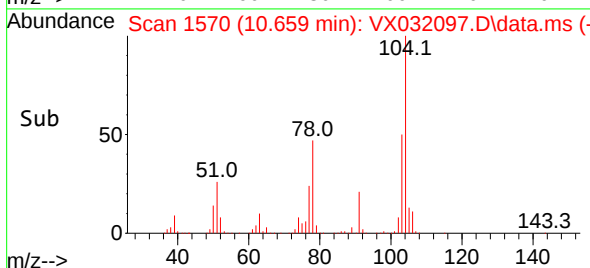
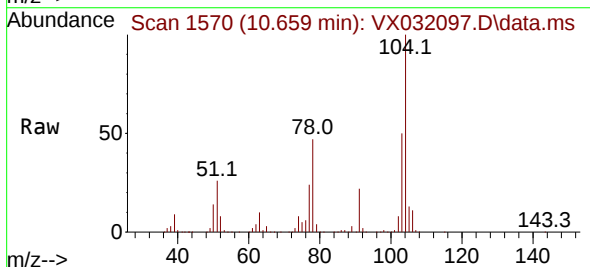
Manual Integrations
APPROVED

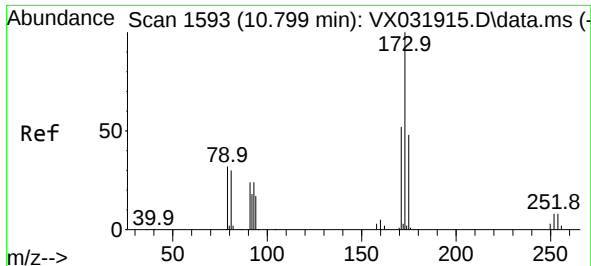
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#70
Styrene
Concen: 53.128 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

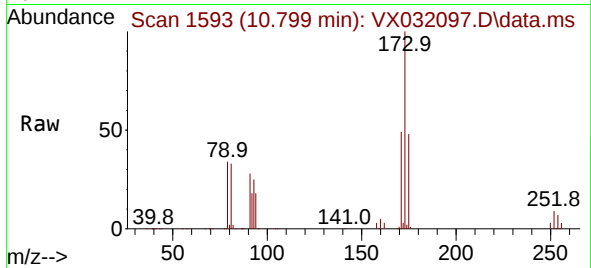
Tgt Ion:104 Resp: 217681
Ion Ratio Lower Upper
104 100
78 54.1 41.4 62.2
103 55.1 43.8 65.8





#71
Bromoform
Concen: 57.464 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

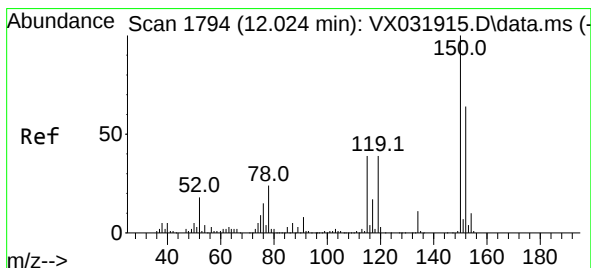
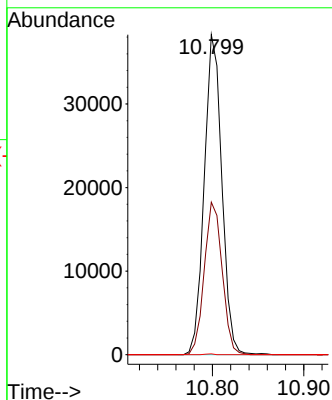
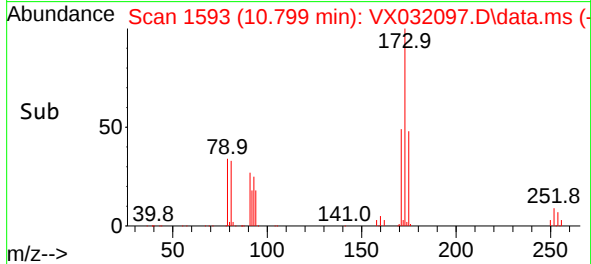
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 5105
Ion Ratio Lower Upper
173 100
175 48.5 24.0 72.0
254 0.1 0.0 0.0

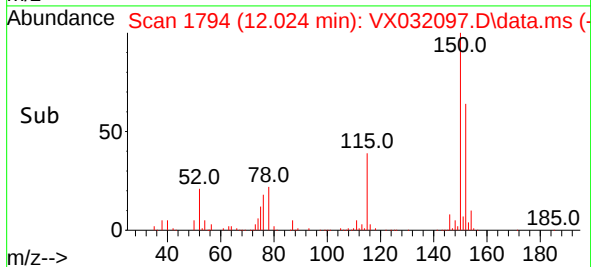
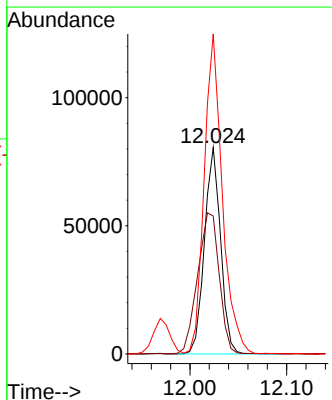
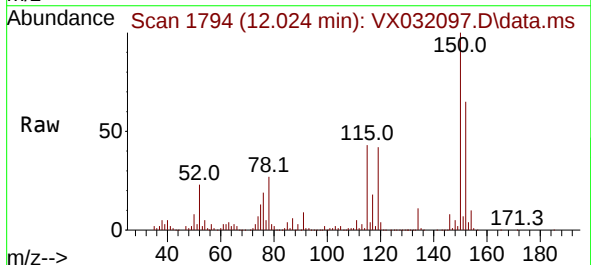
Manual Integrations
APPROVED

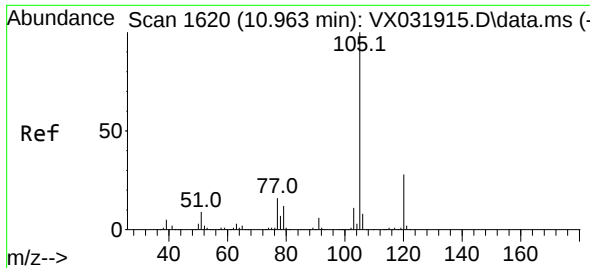
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

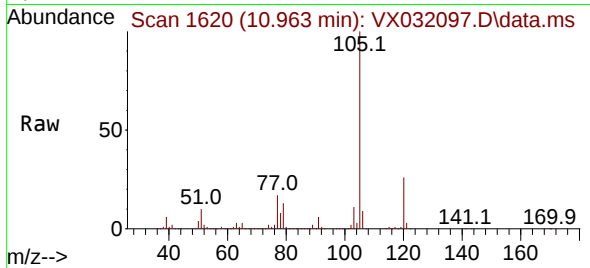
Tgt Ion:152 Resp: 93527
Ion Ratio Lower Upper
152 100
115 91.2 43.4 130.1
150 174.4 0.0 346.8





#73
Isopropylbenzene
Concen: 50.429 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

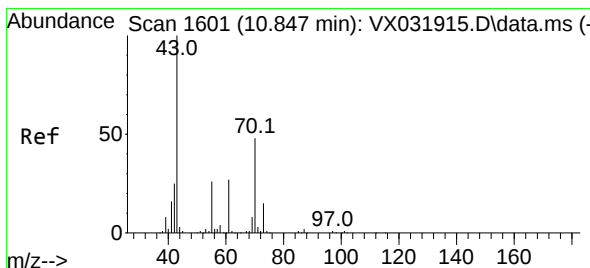
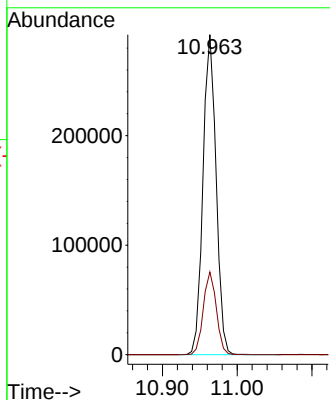
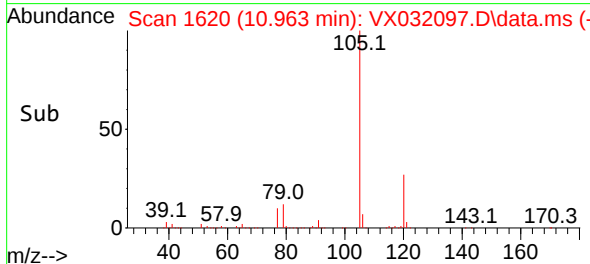
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



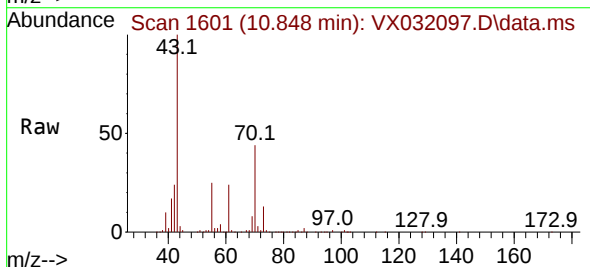
Tgt Ion:105 Resp: 355728
Ion Ratio Lower Upper
105 100
120 25.7 13.7 41.0

Manual Integrations
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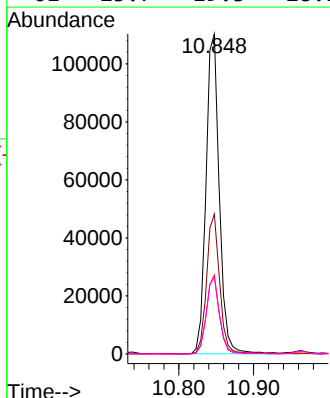
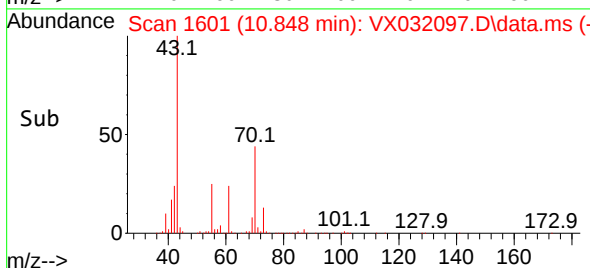
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022

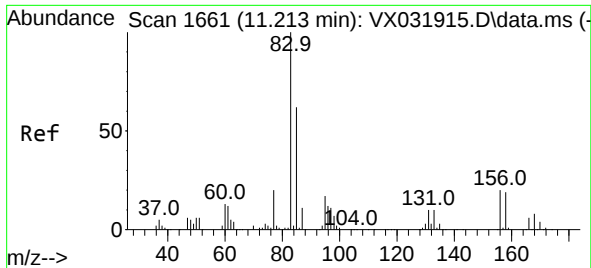


#74
N-ethyl acetate
Concen: 63.037 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11



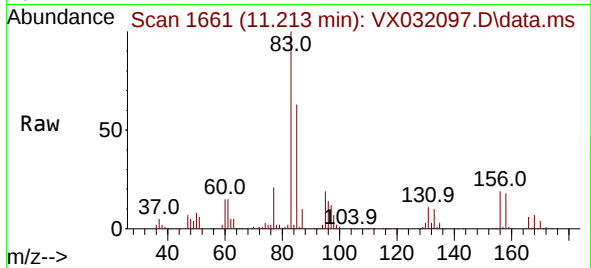
Tgt Ion: 43 Resp: 135789
Ion Ratio Lower Upper
43 100
70 43.3 33.4 50.2
55 24.4 18.2 27.2
61 23.7 19.3 28.9





#75
1,1,2,2-Tetrachloroethane
Concen: 48.356 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

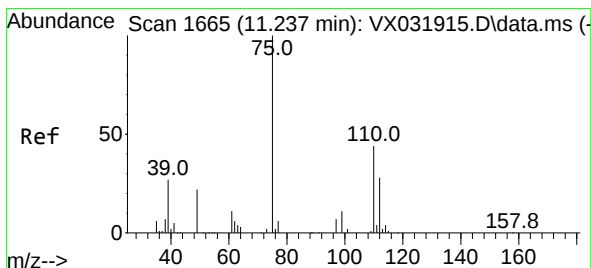
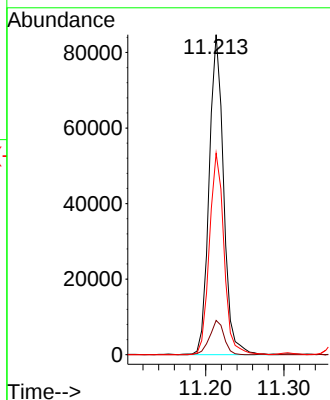
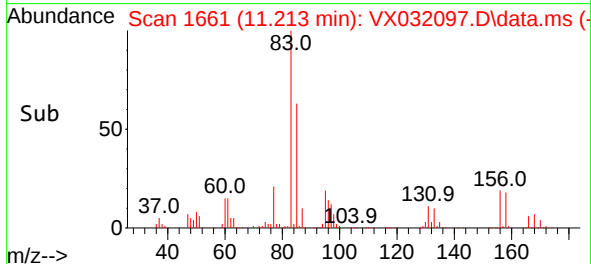
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



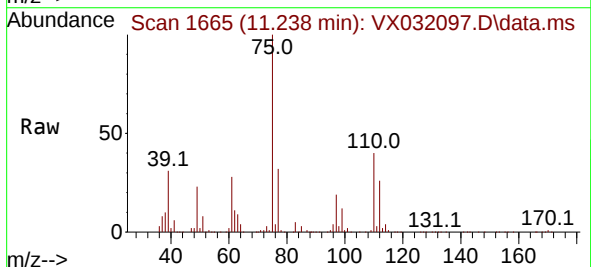
Tgt Ion: 83 Resp: 108378
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.4
85 63.5 32.6 97.8

Manual Integrations
APPROVED

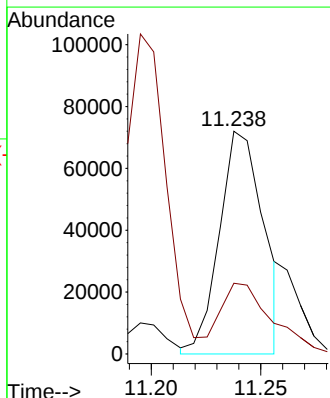
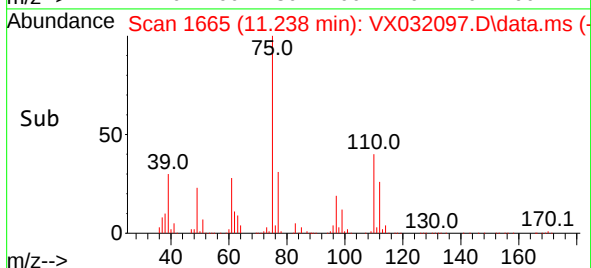
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022

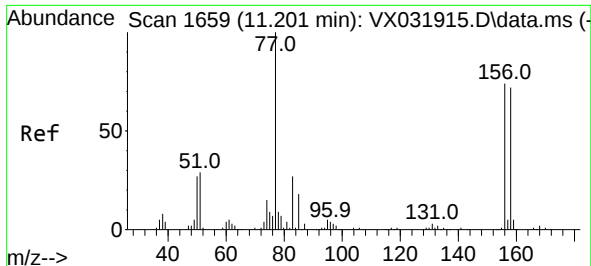


#76
1,2,3-Trichloropropane
Concen: 52.579 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11



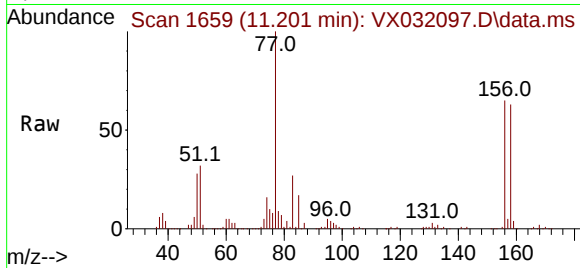
Tgt Ion: 75 Resp: 100785
Ion Ratio Lower Upper
75 100
77 38.4 20.3 60.9





#77
Bromobenzene
Concen: 47.559 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

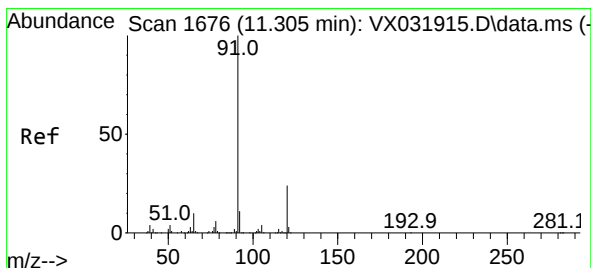
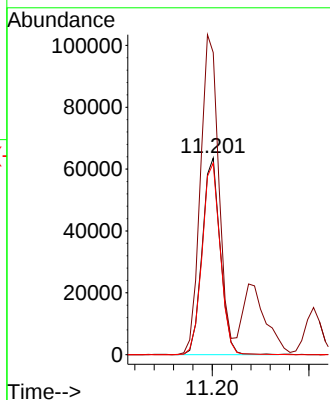
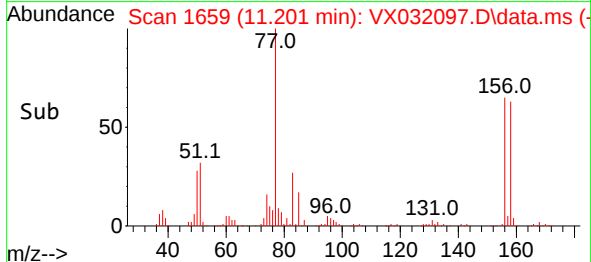
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



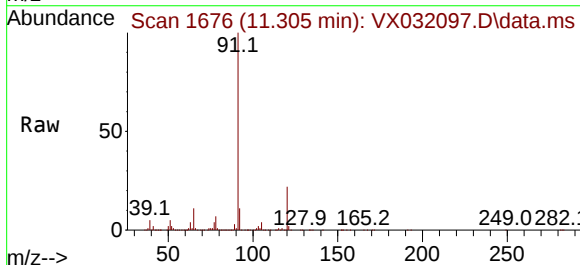
Tgt Ion:156 Resp: 82639
Ion Ratio Lower Upper
156 100
77 165.3 79.5 238.6
158 97.9 48.4 145.3

Manual Integrations
APPROVED

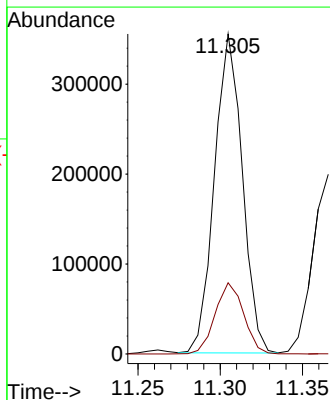
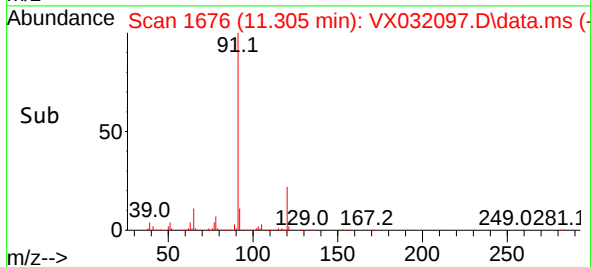
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022

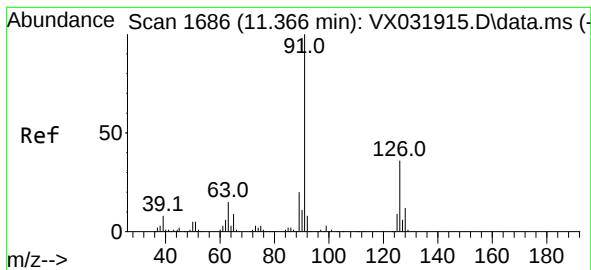


#78
n-propylbenzene
Concen: 52.025 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11



Tgt Ion: 91 Resp: 417414
Ion Ratio Lower Upper
91 100
120 22.9 11.8 35.4





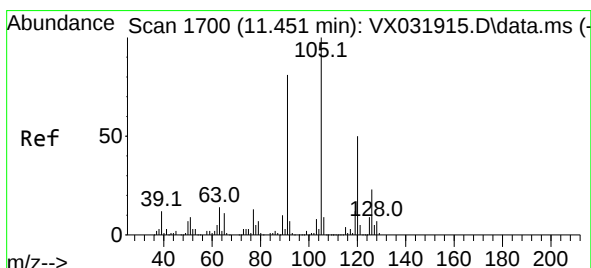
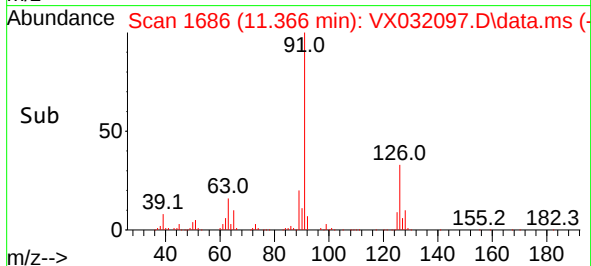
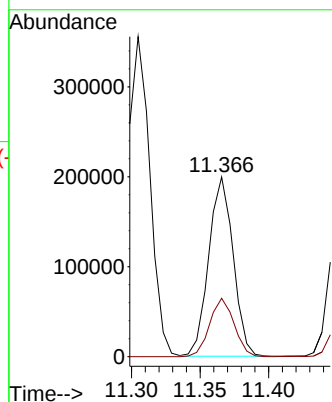
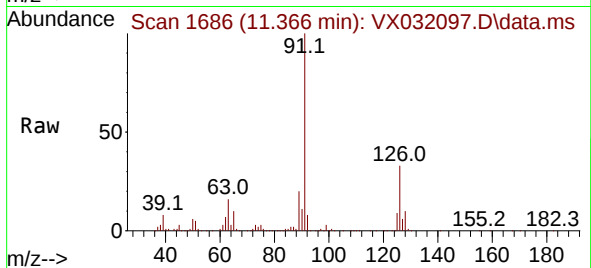
#79
2-Chlorotoluene
Concen: 51.207 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 247249
Ion Ratio Lower Upper
91 100
126 32.6 17.4 52.3

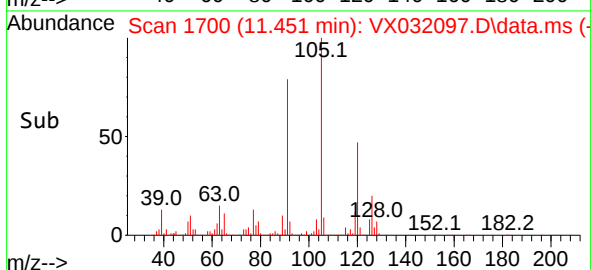
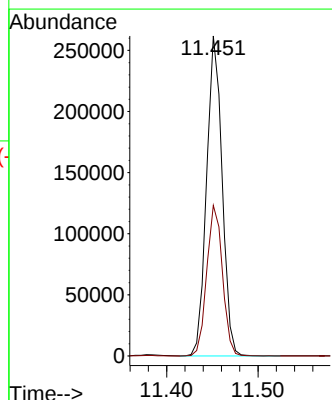
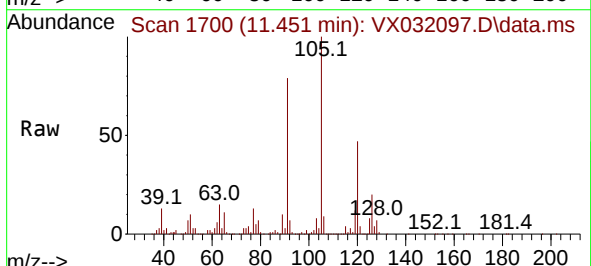
Manual Integrations
APPROVED

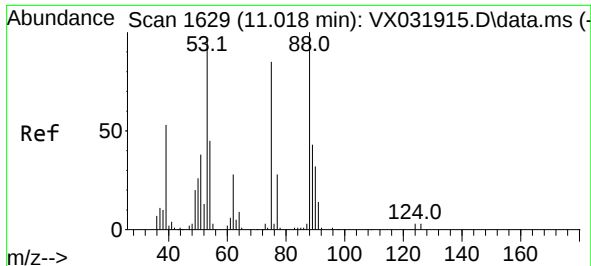
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.580 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

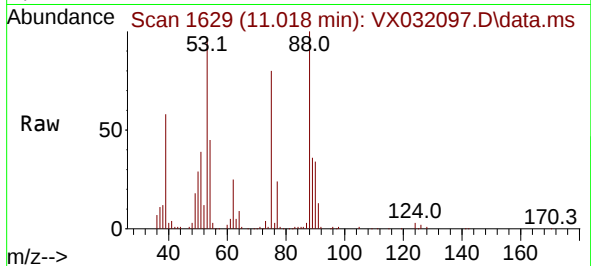
Tgt Ion:105 Resp: 307618
Ion Ratio Lower Upper
105 100
120 47.7 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 50.561 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

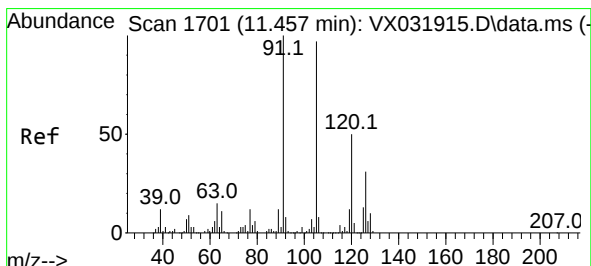
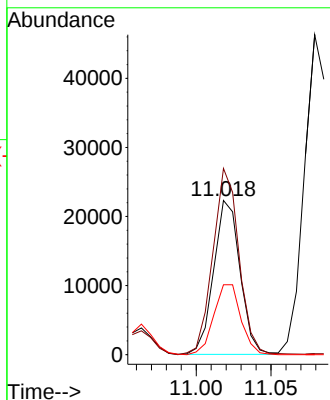
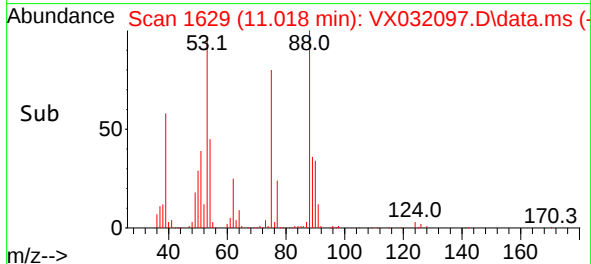
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



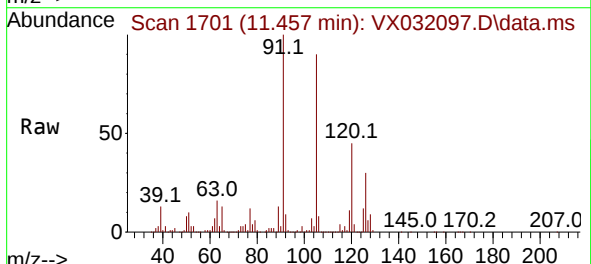
Tgt Ion: 75 Resp: 27335
Ion Ratio Lower Upper
75 100
53 120.0 77.6 116.4
89 46.7 37.4 56.0

Manual Integrations
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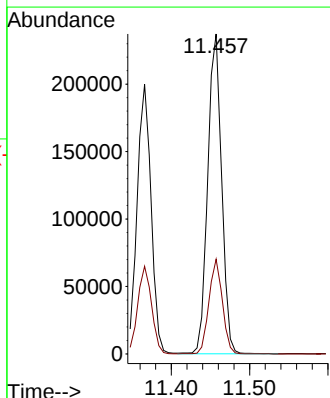
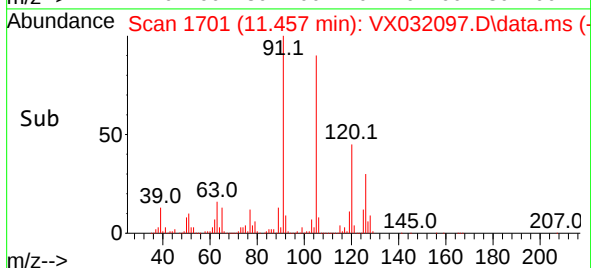
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022

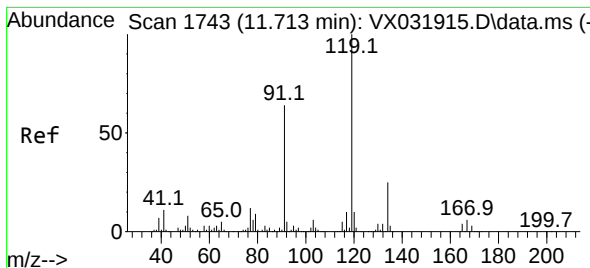


#82
4-Chlorotoluene
Concen: 52.707 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11



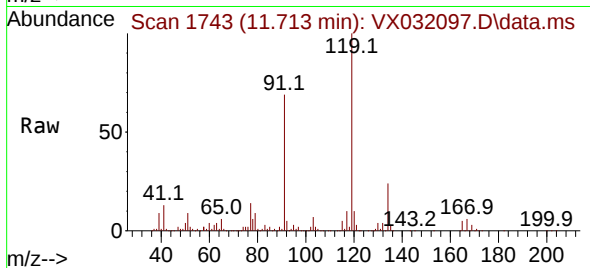
Tgt Ion: 91 Resp: 291456
Ion Ratio Lower Upper
91 100
126 28.7 15.1 45.3





#83
tert-Butylbenzene
Concen: 51.521 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

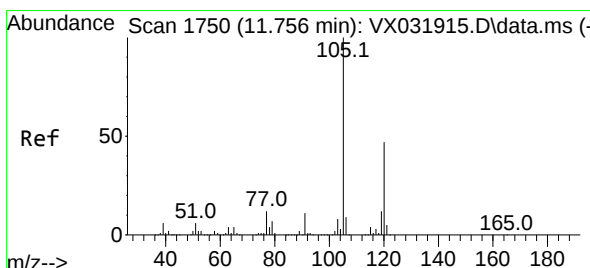
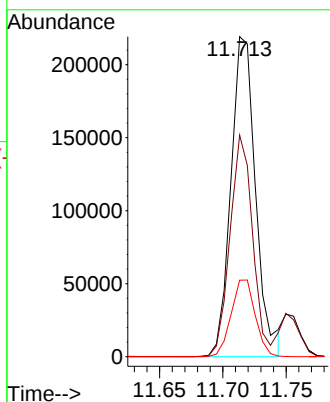
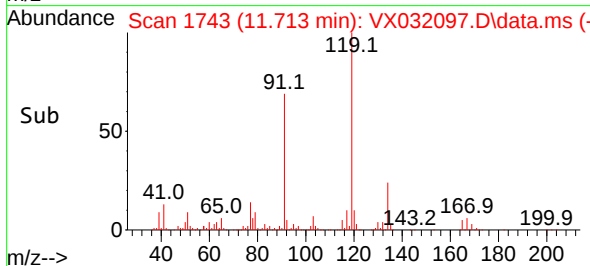
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



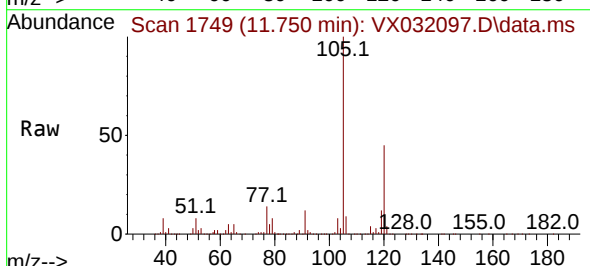
Tgt Ion:119 Resp: 298320
Ion Ratio Lower Upper
119 100
91 63.2 29.2 87.6
134 23.4 11.6 34.8

Manual Integrations
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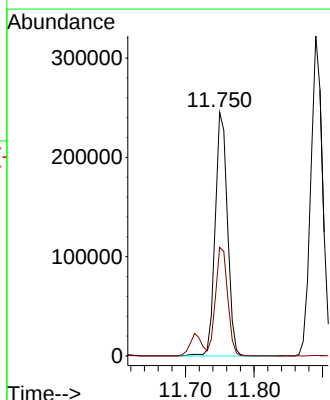
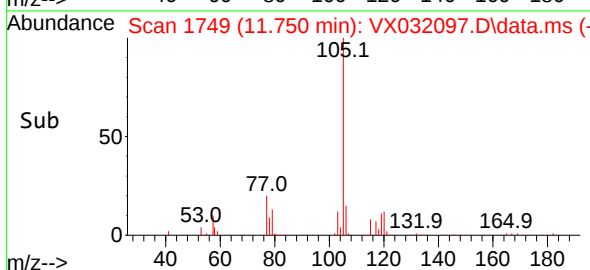
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022

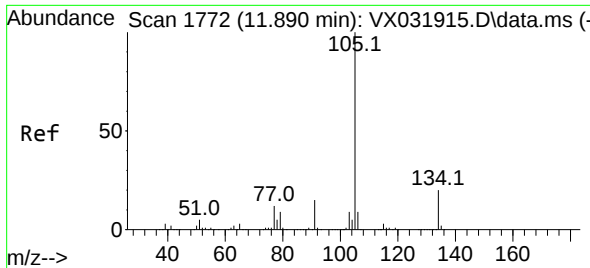


#84
1,2,4-Trimethylbenzene
Concen: 51.090 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11



Tgt Ion:105 Resp: 303641
Ion Ratio Lower Upper
105 100
120 44.2 22.6 67.8





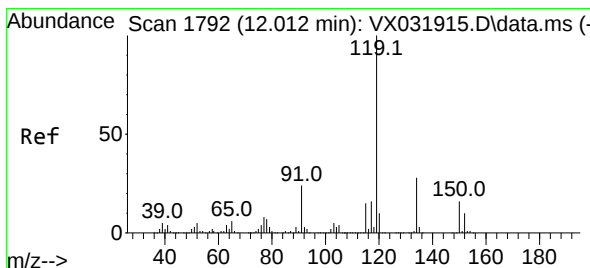
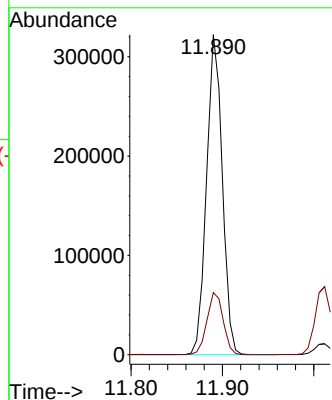
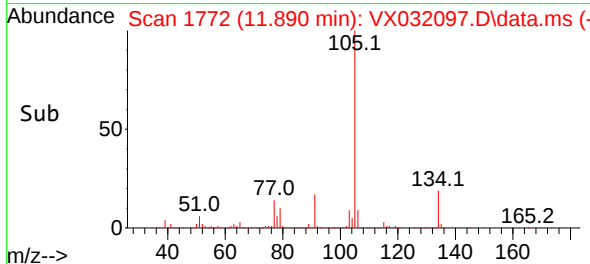
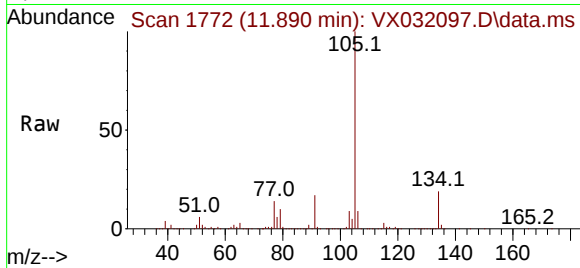
#85
 sec-Butylbenzene
 Concen: 53.505 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032097.D
 Acq: 12 Oct 2022 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 383560
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1

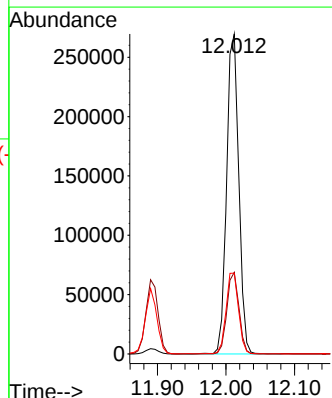
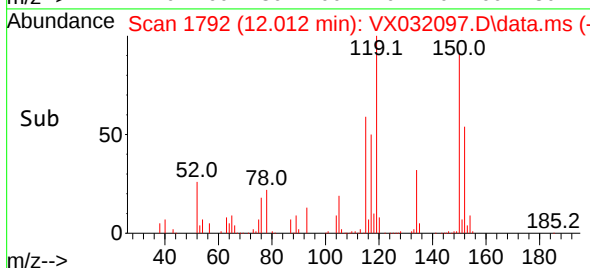
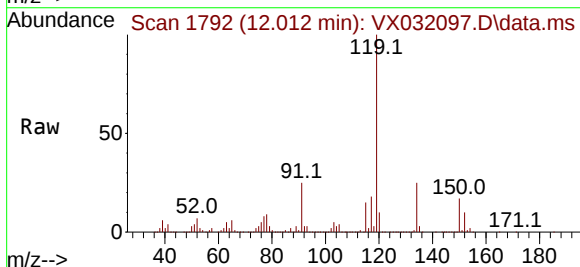
Manual Integrations
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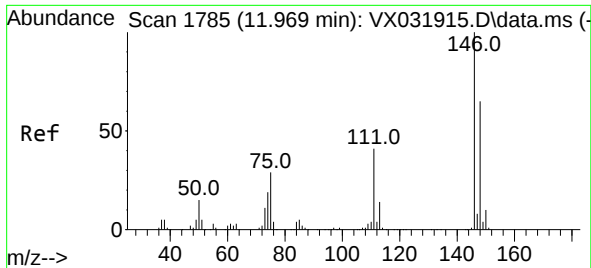
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/13/2022



#86
 p-Isopropyltoluene
 Concen: 54.530 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032097.D
 Acq: 12 Oct 2022 20:11

Tgt Ion:119 Resp: 329129
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.4 40.2
 91 26.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.354 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 159978

Ion Ratio Lower Upper

146 100

111 43.1 19.8 59.4

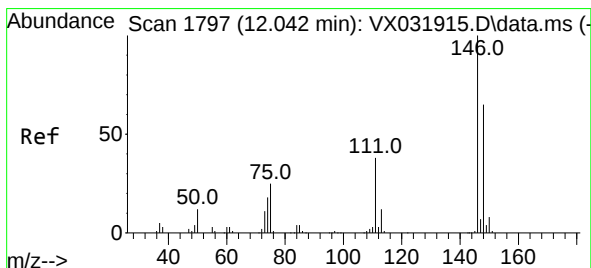
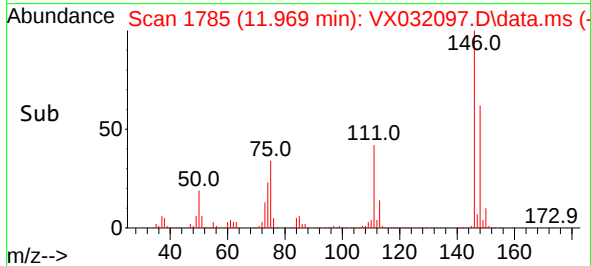
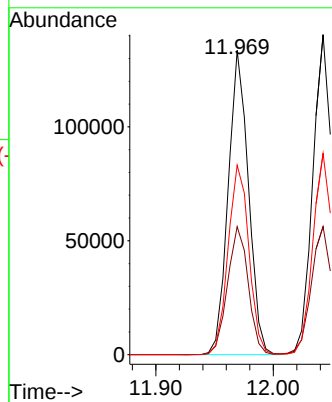
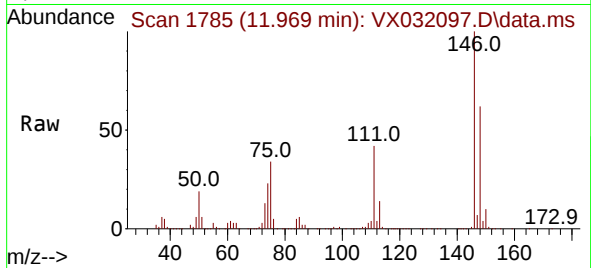
148 64.1 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#88

1,4-Dichlorobenzene

Concen: 48.200 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX032097.D

Acq: 12 Oct 2022 20:11

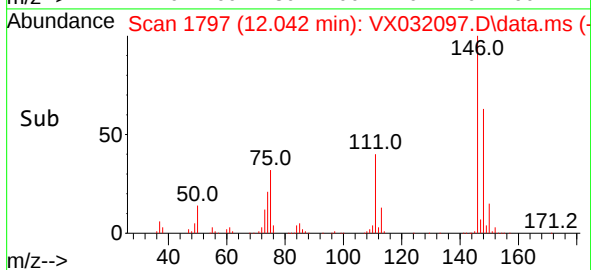
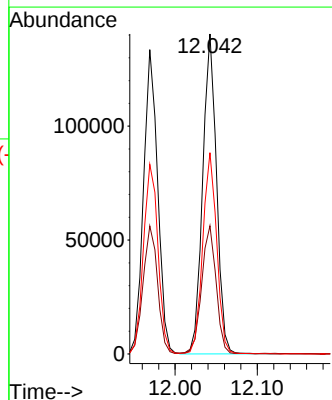
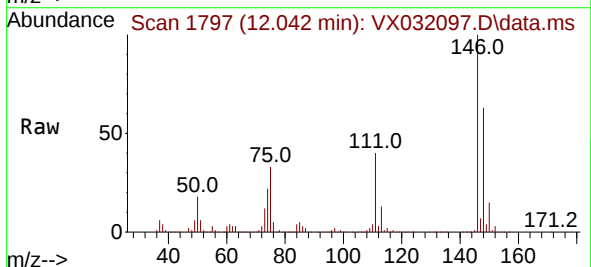
Tgt Ion:146 Resp: 164142

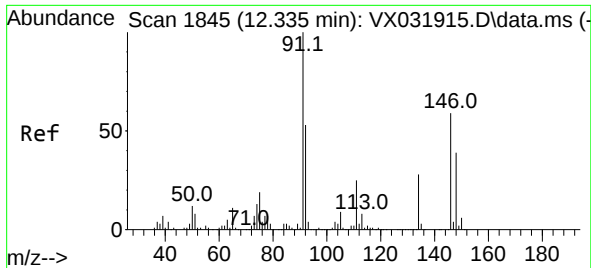
Ion Ratio Lower Upper

146 100

111 41.8 20.5 61.5

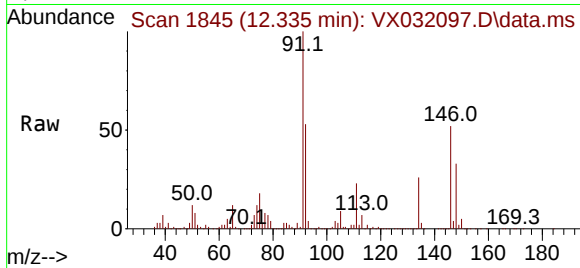
148 63.7 32.0 96.2





#89
n-Butylbenzene
Concen: 58.757 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

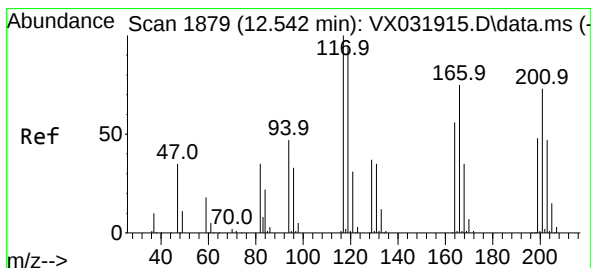
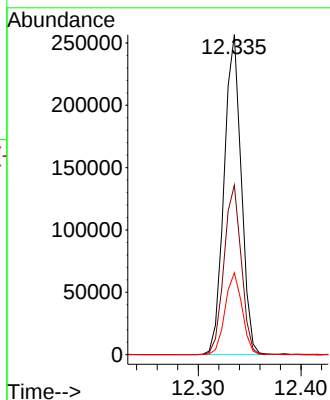
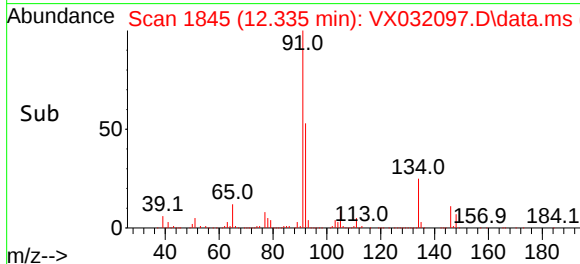
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 296983
Ion Ratio Lower Upper
91 100
92 53.4 27.0 81.0
134 25.5 13.3 39.9

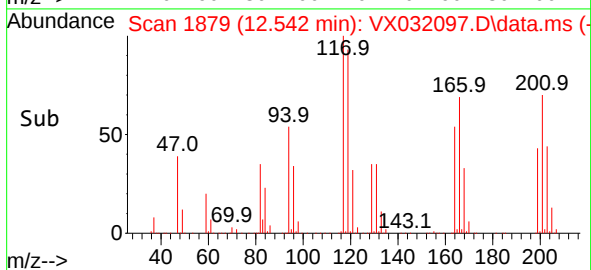
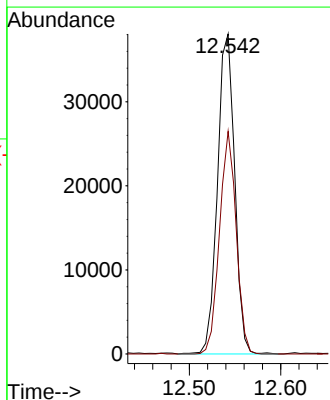
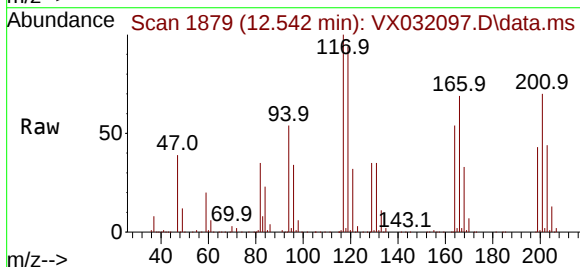
Manual Integrations
APPROVED

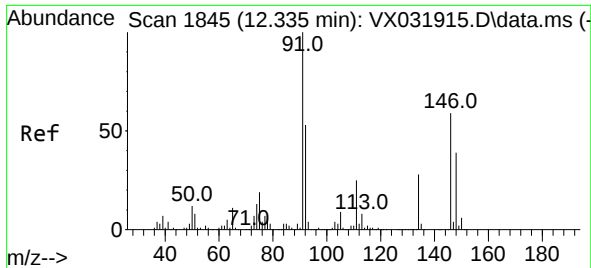
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#90
Hexachloroethane
Concen: 51.881 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

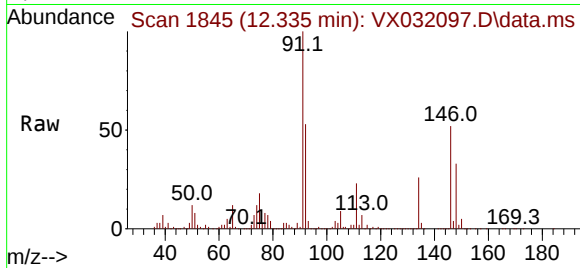
Tgt Ion:117 Resp: 49843
Ion Ratio Lower Upper
117 100
201 67.5 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 49.455 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

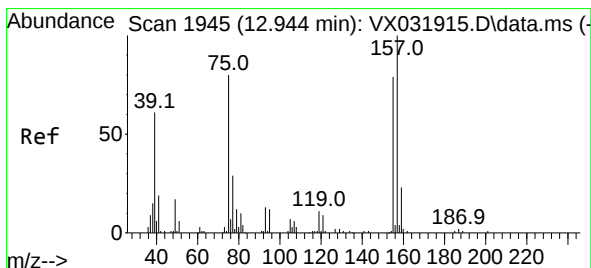
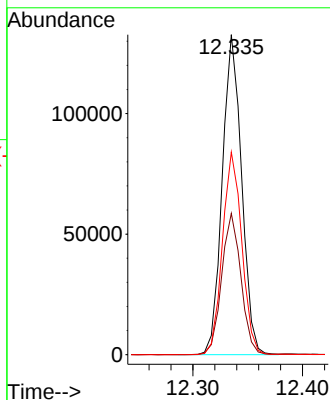
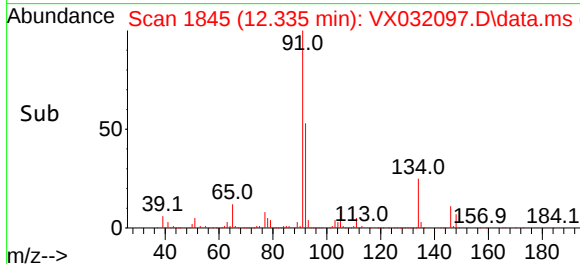
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



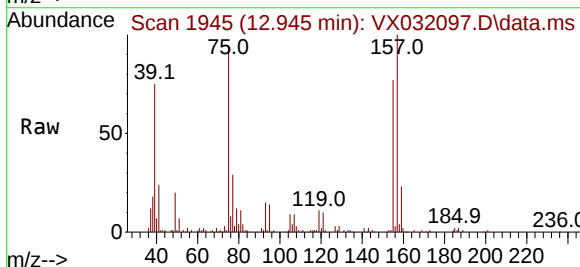
Tgt Ion:146 Resp: 162670
Ion Ratio Lower Upper
146 100
111 44.1 20.6 61.8
148 63.6 31.6 95.0

Manual Integrations
APPROVED

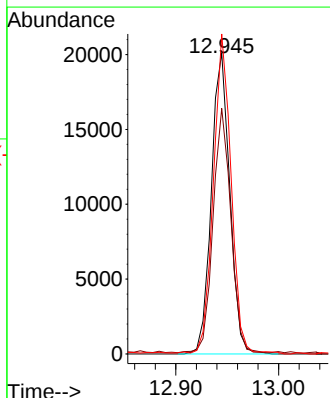
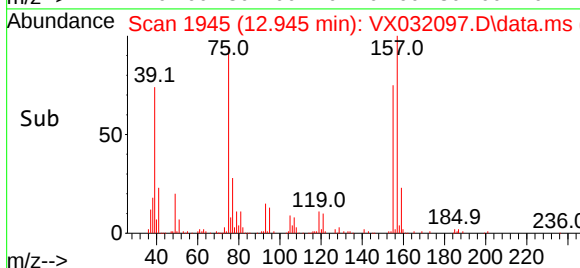
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022

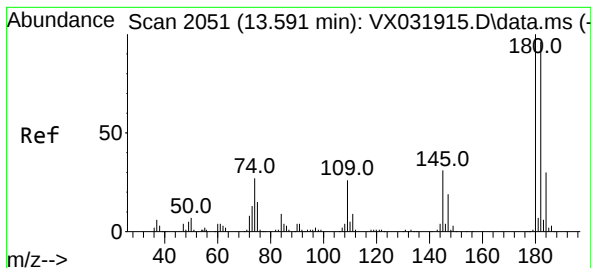


#92
1,2-Dibromo-3-Chloropropane
Concen: 60.911 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11



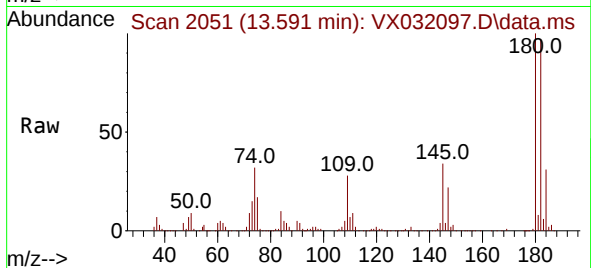
Tgt Ion: 75 Resp: 24989
Ion Ratio Lower Upper
75 100
155 78.2 40.3 120.8
157 102.6 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 52.022 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

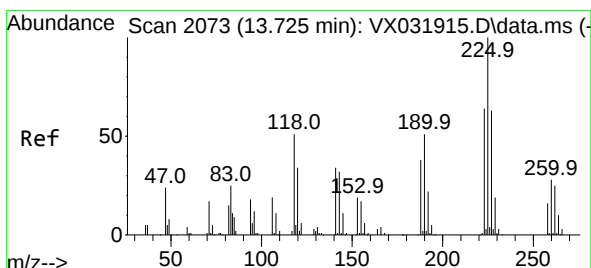
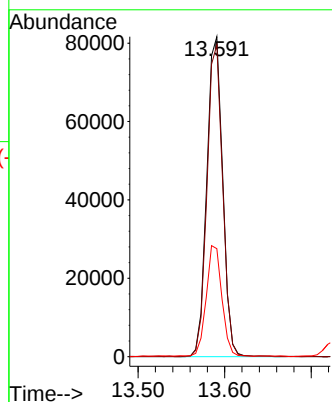
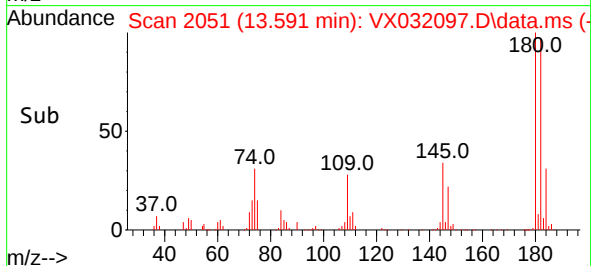
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



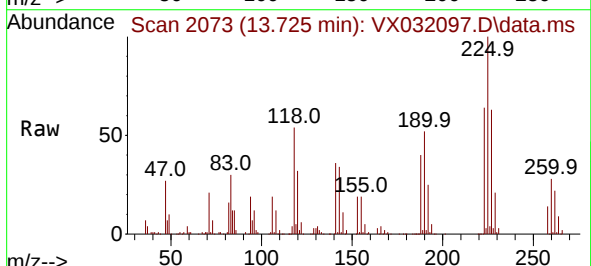
Tgt Ion:180 Resp: 103860
Ion Ratio Lower Upper
180 100
182 96.4 46.9 140.6
145 34.2 16.7 50.1

Manual Integrations
APPROVED

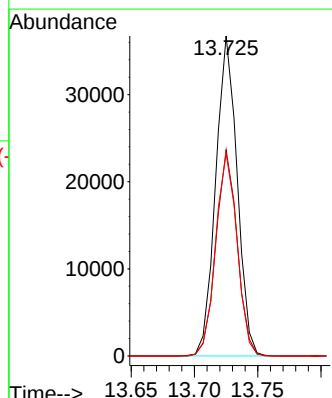
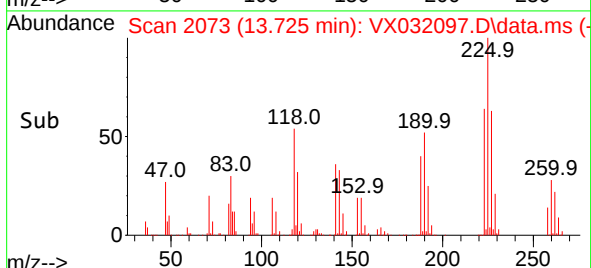
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022

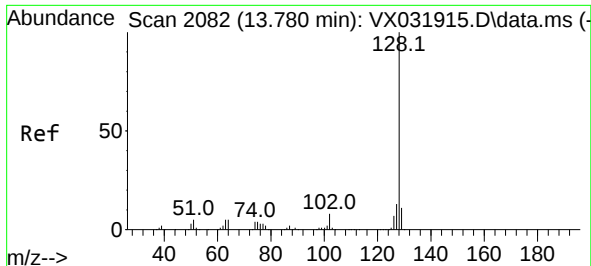


#94
Hexachlorobutadiene
Concen: 53.416 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11



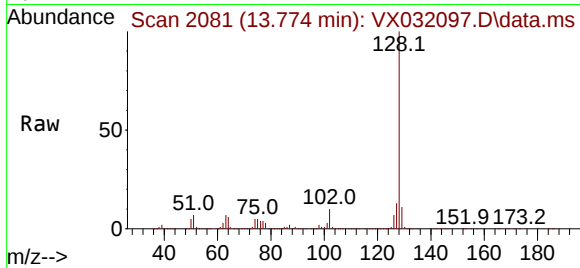
Tgt Ion:225 Resp: 43132
Ion Ratio Lower Upper
225 100
223 63.9 30.8 92.4
227 63.2 32.3 96.9





#95
Naphthalene
Concen: 52.940 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

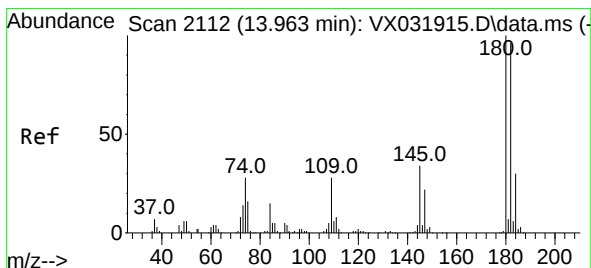
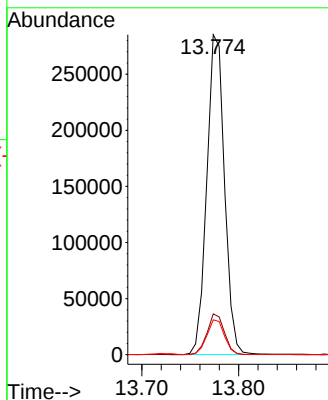
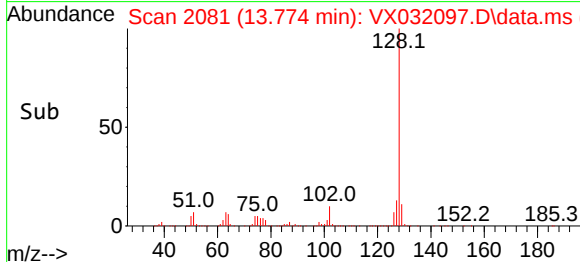
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 36217
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.067 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032097.D
Acq: 12 Oct 2022 20:11

Tgt Ion:180 Resp: 105440
Ion Ratio Lower Upper
180 100
182 96.4 47.9 143.8
145 35.6 17.6 52.8

