

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101222\
 Data File : VX032073.D
 Acq On : 12 Oct 2022 10:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 13 09:09:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	63916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	104325	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81090	61.432	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.860%			
35) Dibromofluoromethane	5.379	113	61476	52.059	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.120%			
50) Toluene-d8	8.647	98	213205	50.174	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.340%			
62) 4-Bromofluorobenzene	11.079	95	85417	56.860	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46286	48.660	ug/l	98
3) Chloromethane	1.288	50	44730	44.906	ug/l	98
4) Vinyl Chloride	1.374	62	50720	43.571	ug/l	98
5) Bromomethane	1.612	94	40139	53.431	ug/l	95
6) Chloroethane	1.685	64	44601	45.025	ug/l	96
7) Trichlorofluoromethane	1.886	101	99140	47.380	ug/l	98
8) Diethyl Ether	2.130	74	37131	52.060	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	48871	46.208	ug/l	94
10) Methyl Iodide	2.453	142	47169	44.171	ug/l	96
11) Tert butyl alcohol	2.983	59	45016	274.103	ug/l	97
12) 1,1-Dichloroethene	2.319	96	43953	45.146	ug/l	91
13) Acrolein	2.233	56	21678	227.541	ug/l	99
14) Allyl chloride	2.660	41	69397	50.096	ug/l	96
15) Acrylonitrile	3.062	53	136238	260.224	ug/l	99
16) Acetone	2.386	43	118184	263.440	ug/l	100
17) Carbon Disulfide	2.508	76	90459	43.268	ug/l	100
18) Methyl Acetate	2.703	43	82955	56.043	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	182396	55.829	ug/l	97
20) Methylene Chloride	2.788	84	56261	47.724	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	50264	46.621	ug/l	95
22) Diisopropyl ether	3.757	45	186145	59.773	ug/l	94
23) Vinyl Acetate	3.721	43	717113	308.063	ug/l	99
24) 1,1-Dichloroethane	3.605	63	97453	52.204	ug/l	100
25) 2-Butanone	4.556	43	193311	275.650	ug/l	100
26) 2,2-Dichloropropane	4.477	77	47604	35.503	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	64027	49.631	ug/l	91
28) Bromochloromethane	4.898	49	47046	58.879	ug/l	93
29) Tetrahydrofuran	5.007	42	124681	275.544	ug/l	97
30) Chloroform	5.093	83	115838	55.709	ug/l	98
31) Cyclohexane	5.471	56	77434	49.105	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	93798	53.083	ug/l	99
36) 1,1-Dichloropropene	5.690	75	74173	47.367	ug/l	99
37) Ethyl Acetate	4.715	43	79497	53.923	ug/l	100
38) Carbon Tetrachloride	5.678	117	81021	50.602	ug/l	99
39) Methylcyclohexane	7.379	83	85970	46.026	ug/l	97
40) Benzene	6.038	78	225101	49.091	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	44851	58.505	ug/l	98
42) 1,2-Dichloroethane	6.086	62	97331	58.250	ug/l	99
43) Isopropyl Acetate	6.336	43	131224	58.666	ug/l	100
44) Trichloroethene	7.123	130	61125	45.462	ug/l	92
45) 1,2-Dichloropropane	7.428	63	59303	52.626	ug/l	96
46) Dibromomethane	7.580	93	44480	50.932	ug/l	93
47) Bromodichloromethane	7.818	83	87634	58.087	ug/l	99
48) Methyl methacrylate	7.690	41	65665	61.436	ug/l	97
49) 1,4-Dioxane	7.690	88	25367	1052.785	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	419015	282.681	ug/l	100
52) Toluene	8.720	92	145691	48.595	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	82424	50.734	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	88508	54.172	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	63959	50.545	ug/l	98
56) Ethyl methacrylate	9.116	69	93740	57.793	ug/l	98
57) 1,3-Dichloropropane	9.311	76	108408	53.314	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	225615	269.462	ug/l	96
59) 2-Hexanone	9.433	43	308558	282.317	ug/l	100
60) Dibromochloromethane	9.519	129	67186	58.017	ug/l	99
61) 1,2-Dibromoethane	9.610	107	67596	53.120	ug/l	100
64) Tetrachloroethene	9.275	164	59680	45.745	ug/l	98
65) Chlorobenzene	10.079	112	161385	46.091	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	61296	50.593	ug/l	99
67) Ethyl Benzene	10.195	91	285549	48.207	ug/l	99
68) m/p-Xylenes	10.299	106	220610	93.721	ug/l	96
69) o-Xylene	10.640	106	110132	48.136	ug/l	97
70) Styrene	10.659	104	186694	51.044	ug/l	99
71) Bromoform	10.799	173	44655	56.301	ug/l #	99
73) Isopropylbenzene	10.963	105	296696	47.550	ug/l	98
74) N-amyl acetate	10.842	43	115807	60.777	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	96945	48.901	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	87713m	51.732	ug/l	
77) Bromobenzene	11.201	156	69829	45.432	ug/l	97
78) n-propylbenzene	11.305	91	344326	48.517	ug/l	98
79) 2-Chlorotoluene	11.366	91	206982	48.463	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	255749	49.420	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	20593	43.595	ug/l #	85
82) 4-Chlorotoluene	11.457	91	244945	50.078	ug/l	97
83) tert-Butylbenzene	11.713	119	245590	47.950	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	255695	48.638	ug/l	98
85) sec-Butylbenzene	11.890	105	314215	49.552	ug/l	98
86) p-Isopropyltoluene	12.012	119	268179	50.231	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	136243	46.555	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	136744	45.396	ug/l	99
89) n-Butylbenzene	12.335	91	229036	51.228	ug/l	99
90) Hexachloroethane	12.542	117	42355	49.893	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	137244	47.169	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21282	58.646	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	86401	48.926	ug/l	100
94) Hexachlorobutadiene	13.725	225	34165	47.833	ug/l	99
95) Naphthalene	13.774	128	298861	49.388	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	87236	48.700	ug/l	98

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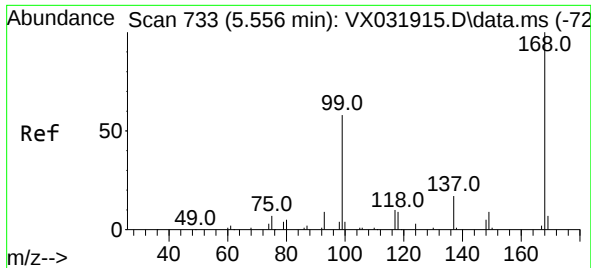
Manual Integrations
APPROVED

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



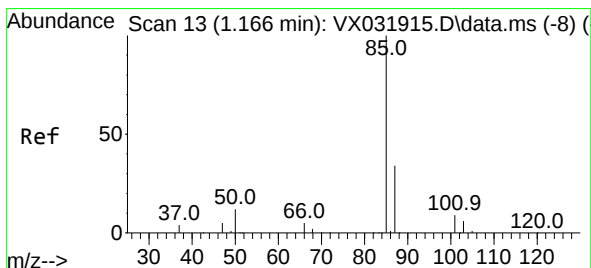
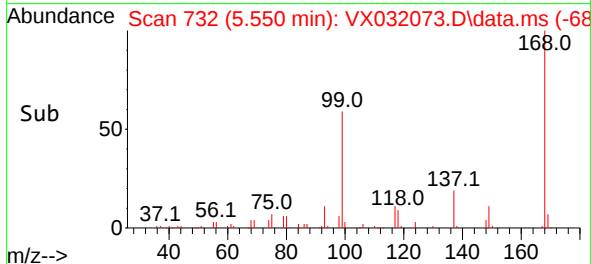
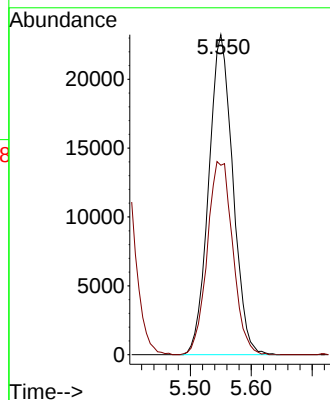
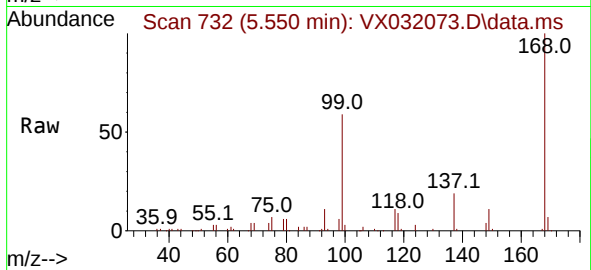
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 63910
Ion Ratio Lower Upper
168 100
99 59.2 48.8 73.2

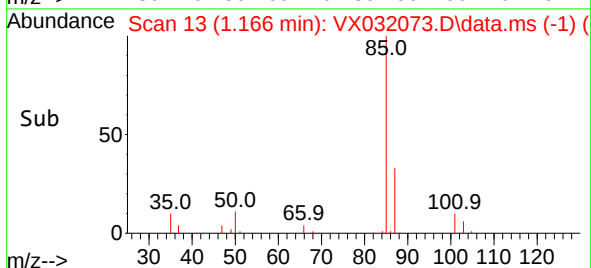
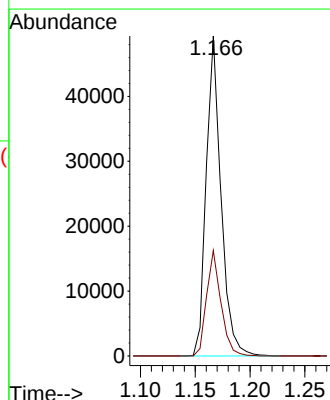
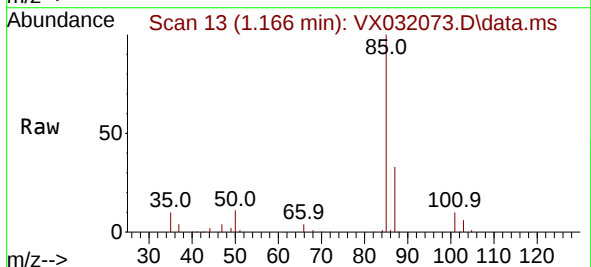
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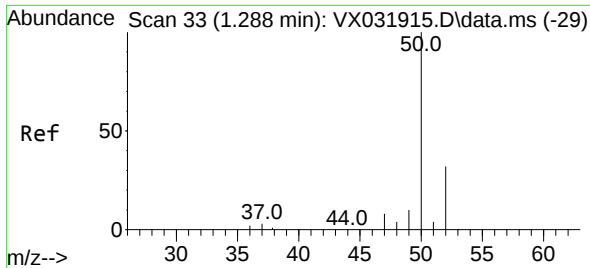
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#2
Dichlorodifluoromethane
Concen: 48.660 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

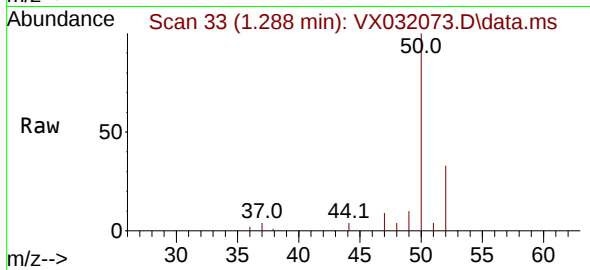
Tgt Ion: 85 Resp: 46286
Ion Ratio Lower Upper
85 100
87 33.0 15.8 47.4





#3
Chloromethane
Concen: 44.906 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

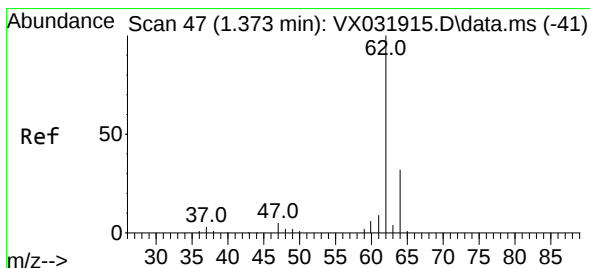
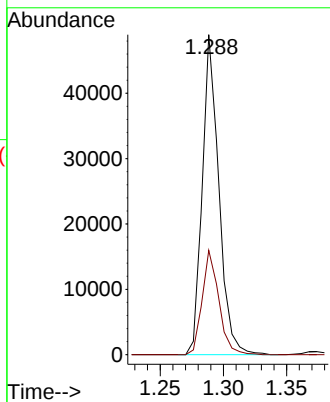
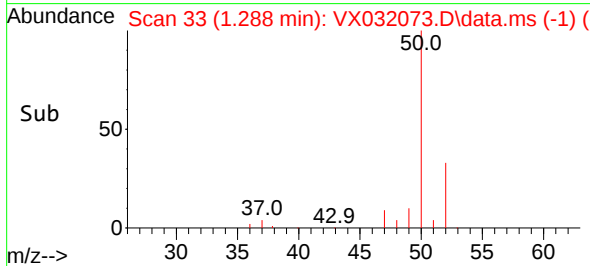
Instrument :
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ClientSampleId :
VSTDCCC050



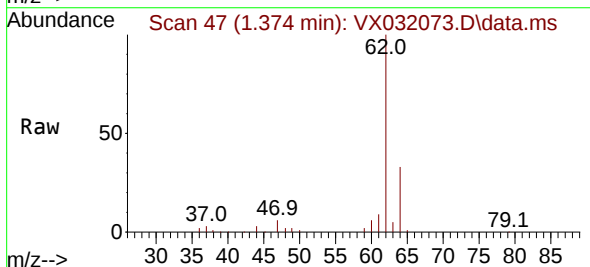
Tgt Ion: 50 Resp: 44730
Ion Ratio Lower Upper
50 100
52 32.6 26.9 40.3

Manual Integrations
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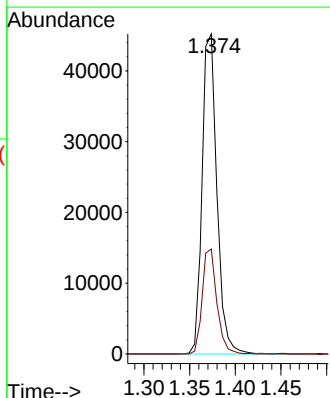
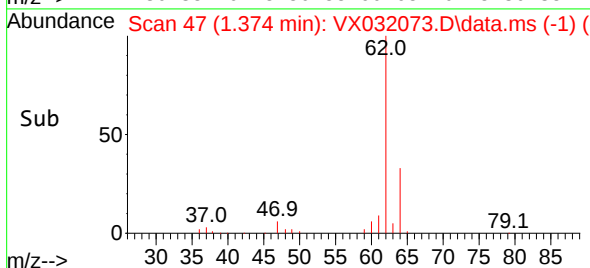
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Supervised By :Mahesh Dadoda 10/13/2022

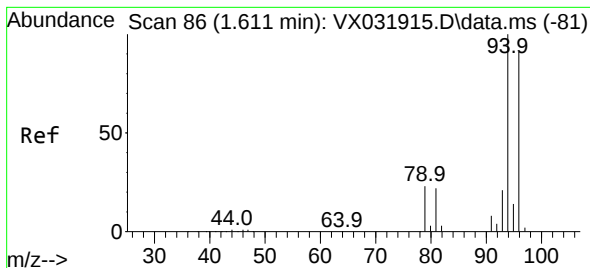


#4
Vinyl Chloride
Concen: 43.571 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09



Tgt Ion: 62 Resp: 50720
Ion Ratio Lower Upper
62 100
64 32.8 25.3 37.9





#5

Bromomethane

Concen: 53.431 ug/l

RT: 1.612 min Scan# 80

Delta R.T. 0.001 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 40139

Ion Ratio Lower Upper

94 100

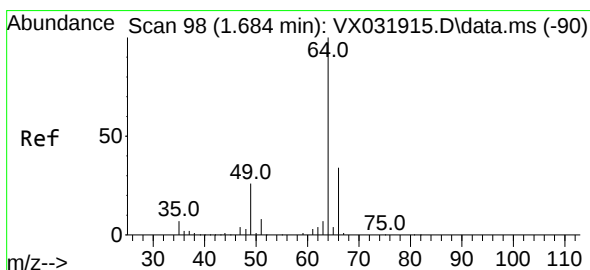
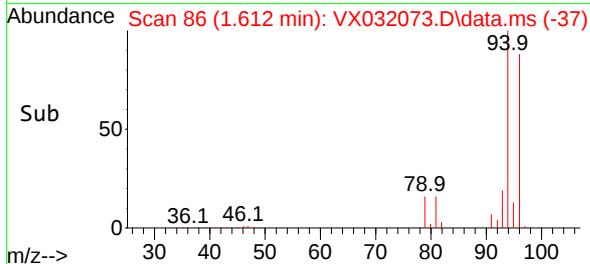
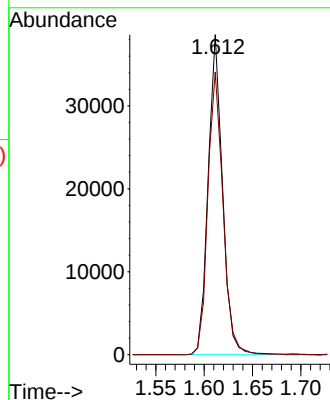
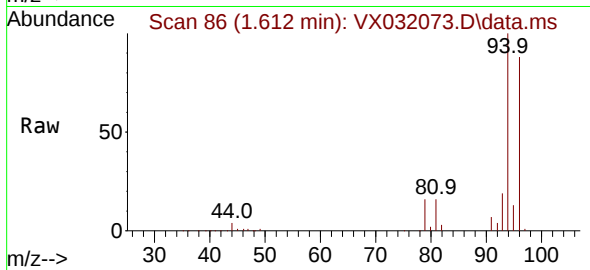
96 88.3 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 45.025 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.001 min

Lab File: VX032073.D

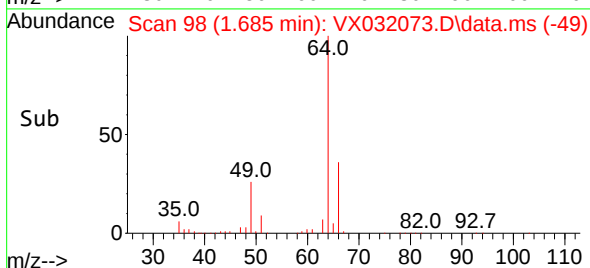
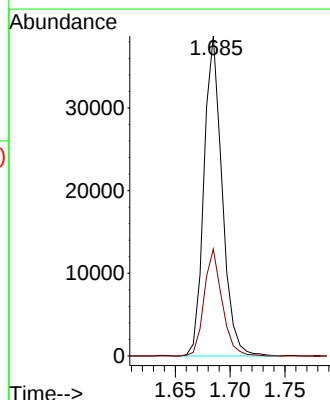
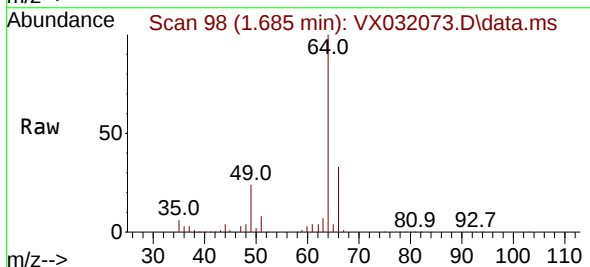
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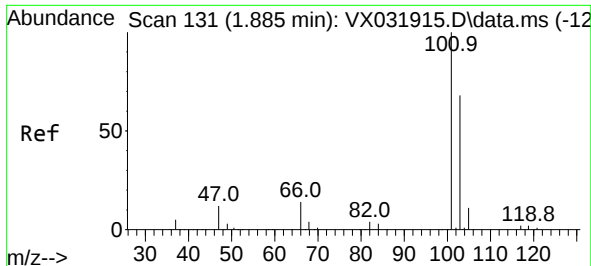
Tgt Ion: 64 Resp: 44601

Ion Ratio Lower Upper

64 100

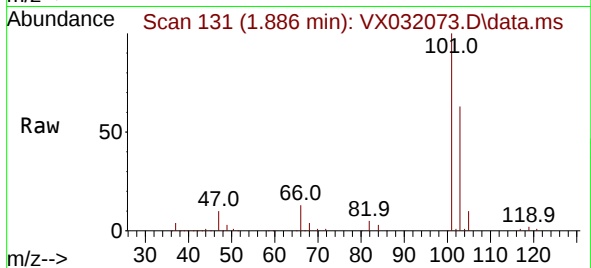
66 33.4 25.0 37.4





#7
Trichlorofluoromethane
Concen: 47.380 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

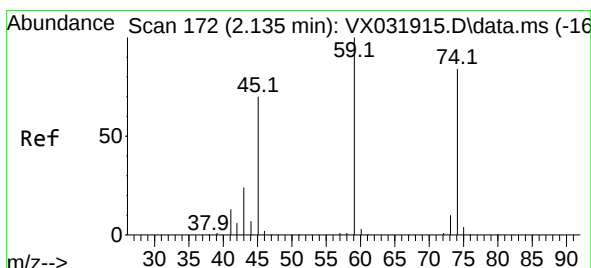
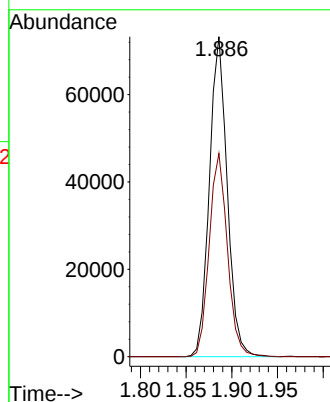
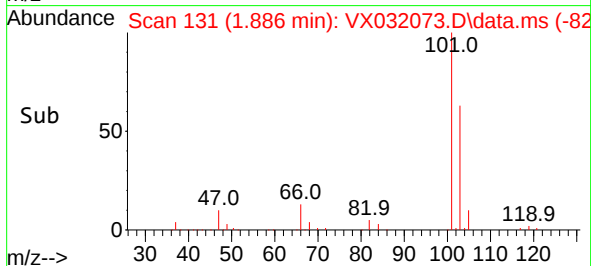
Instrument :
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Tgt Ion:101 Resp: 99140
Ion Ratio Lower Upper
101 100
103 63.5 51.8 77.6

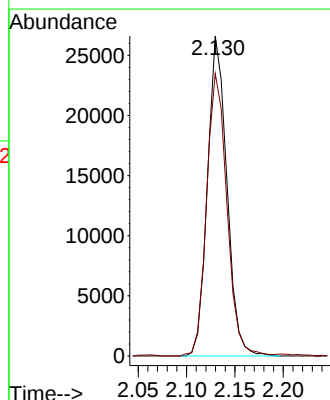
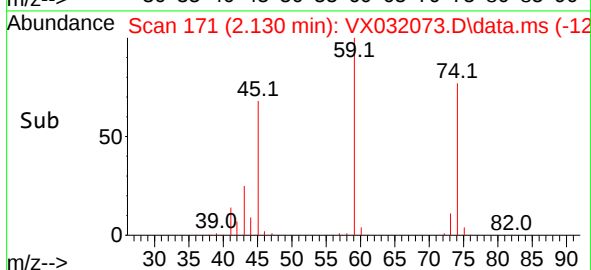
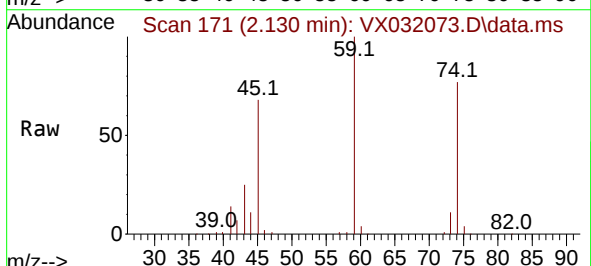
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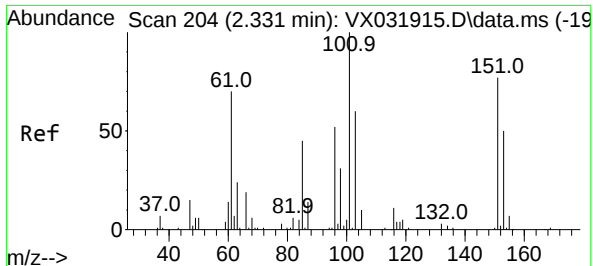
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#8
Diethyl Ether
Concen: 52.060 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Tgt Ion: 74 Resp: 37131
Ion Ratio Lower Upper
74 100
45 92.7 48.5 145.6





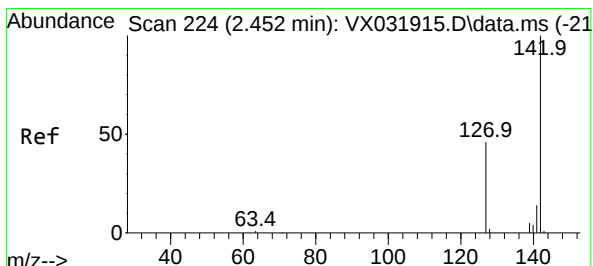
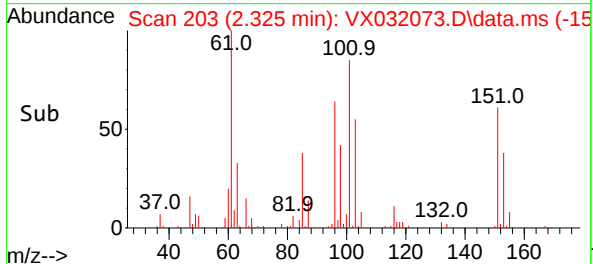
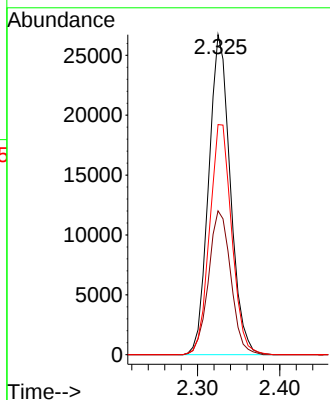
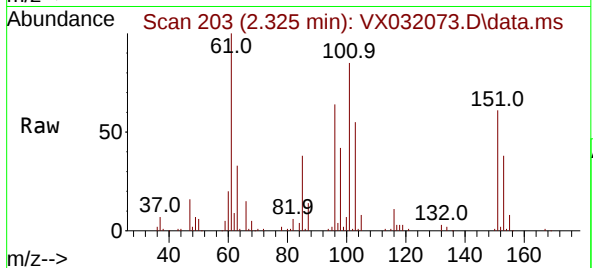
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.208 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 4887
Ion Ratio Lower Upper
101 100
85 46.2 38.6 57.8
151 73.6 54.0 81.0

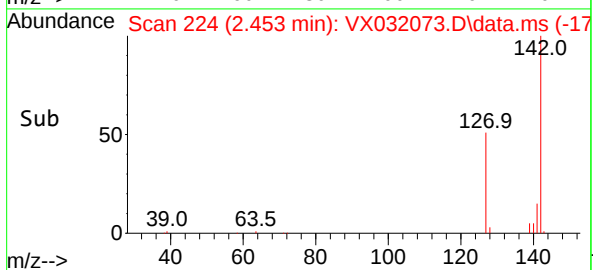
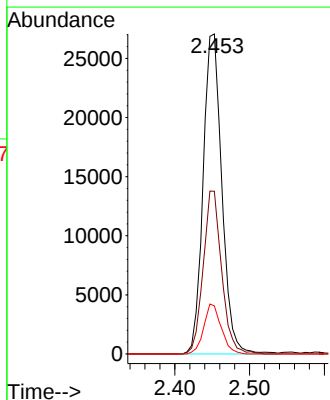
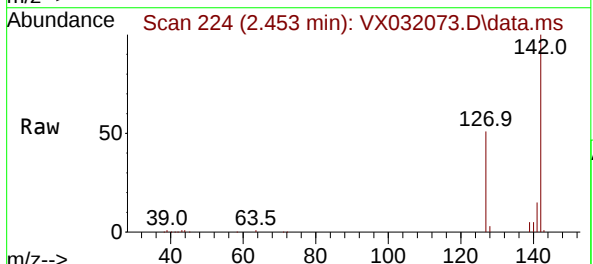
Manual Integrations
APPROVED

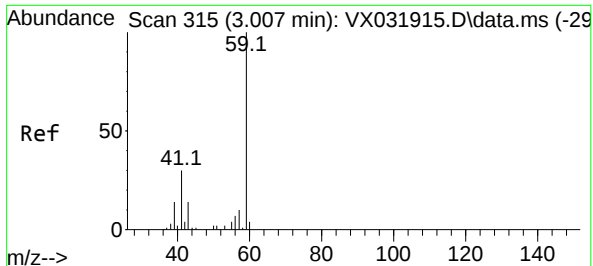
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#10
Methyl Iodide
Concen: 44.171 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Tgt Ion:142 Resp: 47169
Ion Ratio Lower Upper
142 100
127 50.1 37.4 56.0
141 14.6 11.6 17.4





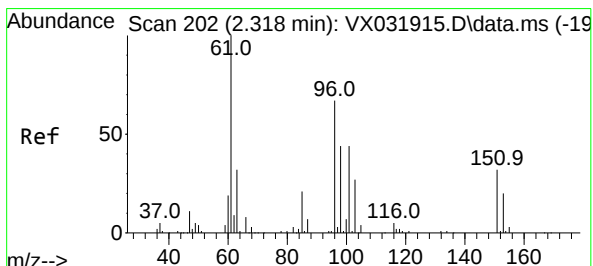
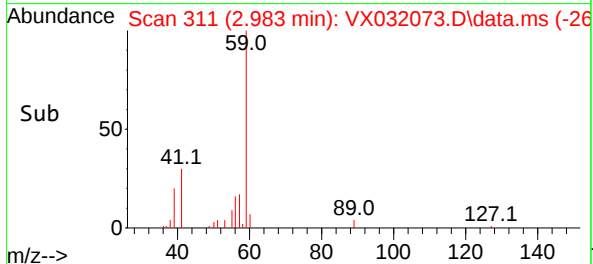
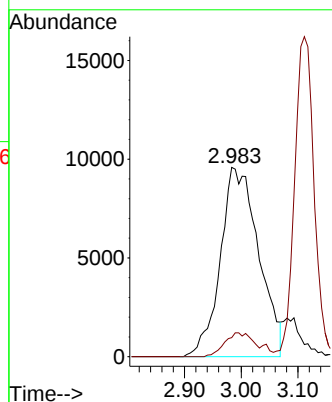
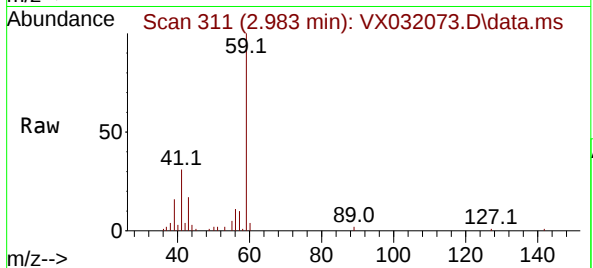
#11
Tert butyl alcohol
Concen: 274.103 ug/l
RT: 2.983 min Scan# 315
Delta R.T. -0.024 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 45010
Ion Ratio Lower Upper
59 100
57 9.2 8.2 12.2

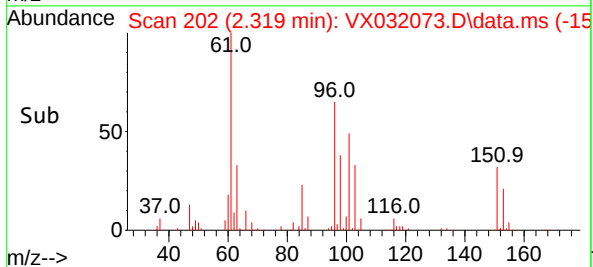
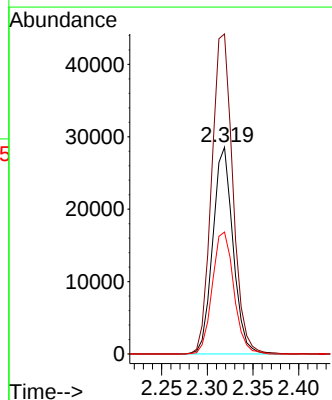
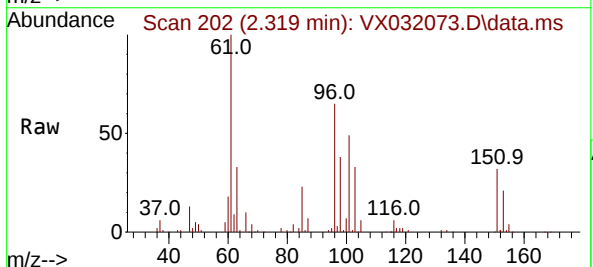
Manual Integrations
APPROVED

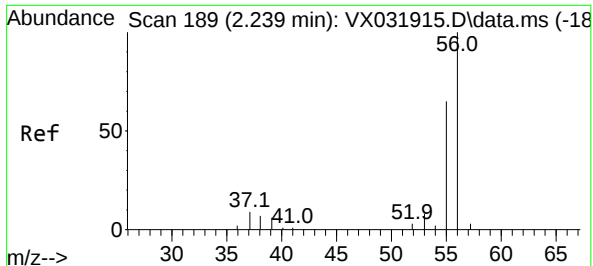
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#12
1,1-Dichloroethene
Concen: 45.146 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

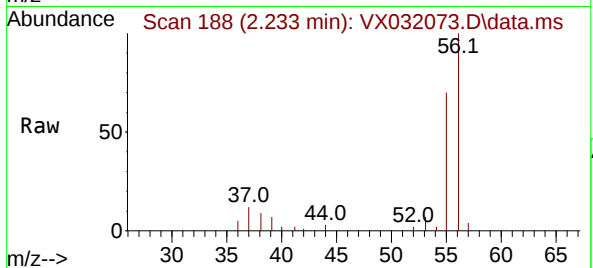
Tgt Ion: 96 Resp: 43953
Ion Ratio Lower Upper
96 100
61 154.8 135.3 202.9
98 59.0 49.4 74.2





#13
Acrolein
Concen: 227.541 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

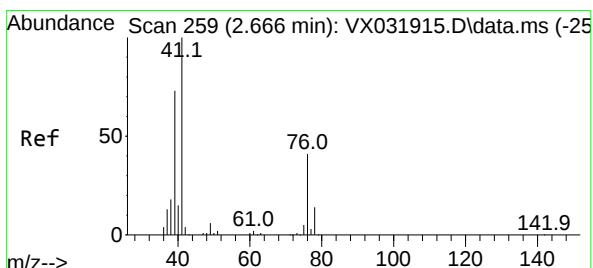
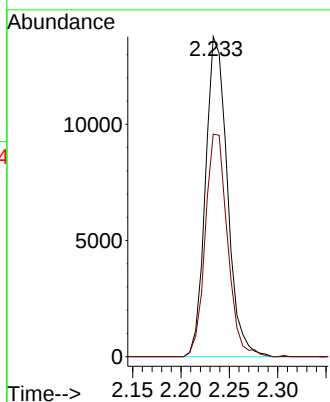
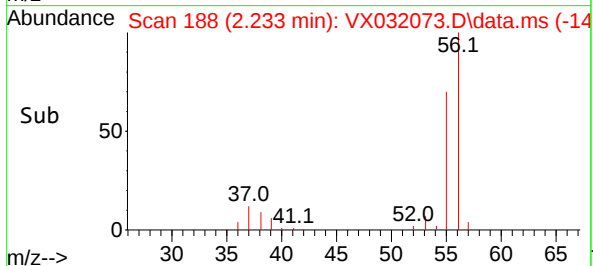
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



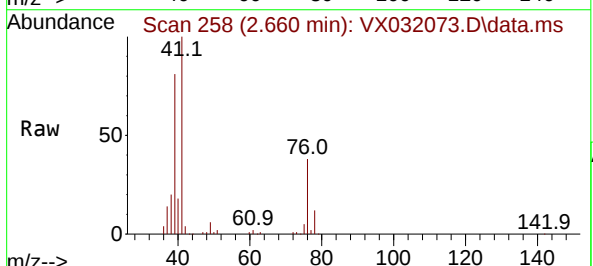
Tgt Ion: 56 Resp: 21678
Ion Ratio Lower Upper
56 100
55 70.8 56.0 84.0

Manual Integrations
APPROVED

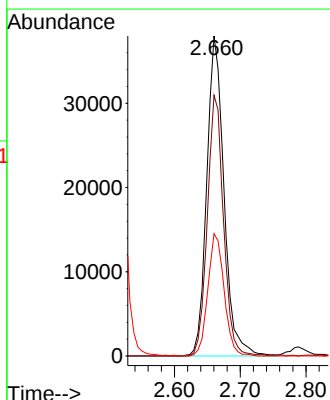
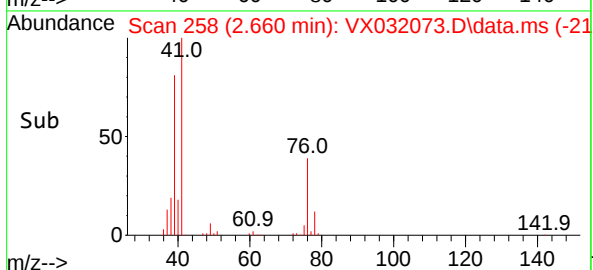
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#14
Allyl chloride
Concen: 50.096 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09



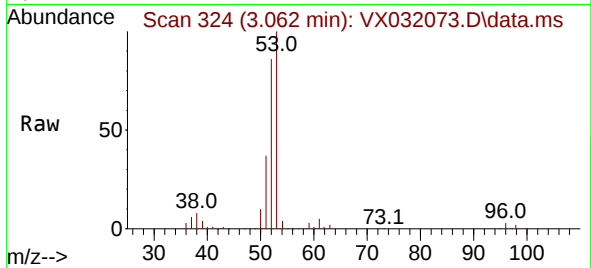
Tgt Ion: 41 Resp: 69397
Ion Ratio Lower Upper
41 100
39 76.4 58.2 87.4
76 36.1 26.9 40.3





#15
Acrylonitrile
Concen: 260.224 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

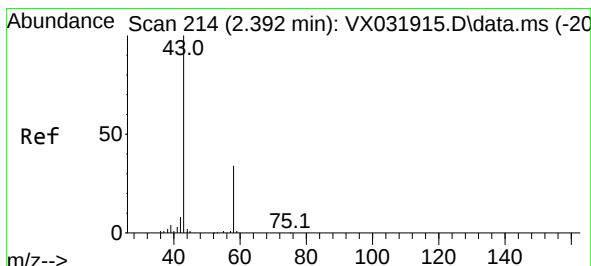
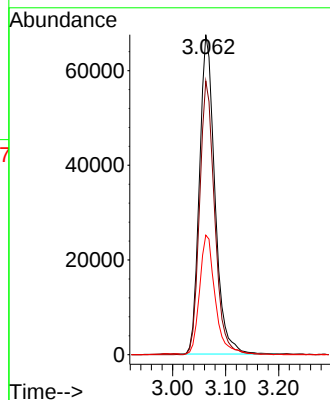
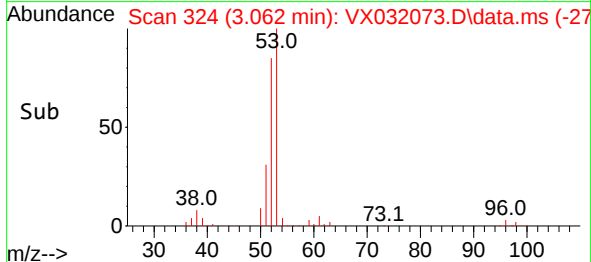
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 136238
Ion Ratio Lower Upper
53 100
52 84.0 66.9 100.3
51 38.2 30.0 45.0

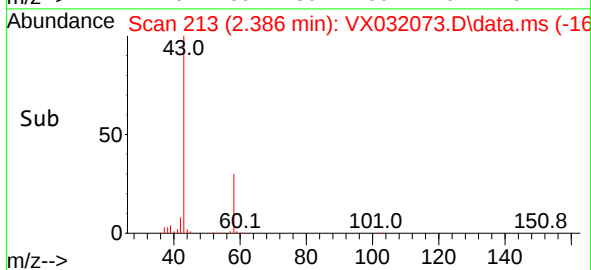
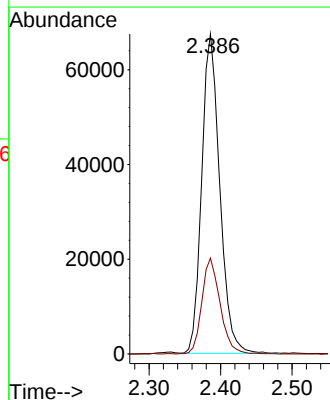
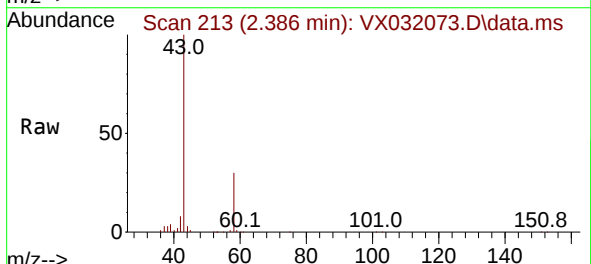
Manual Integrations
APPROVED

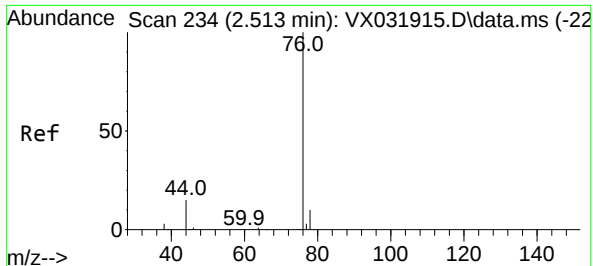
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#16
Acetone
Concen: 263.440 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Tgt Ion: 43 Resp: 118184
Ion Ratio Lower Upper
43 100
58 30.0 23.8 35.8





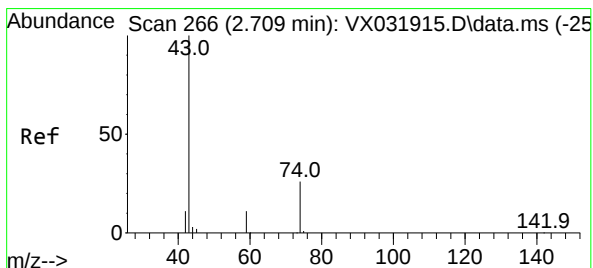
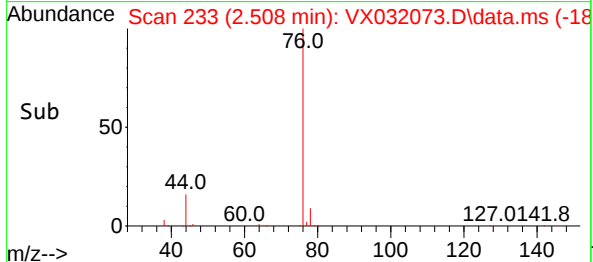
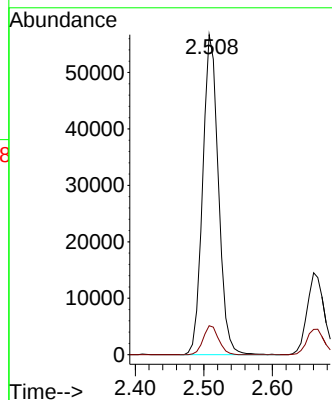
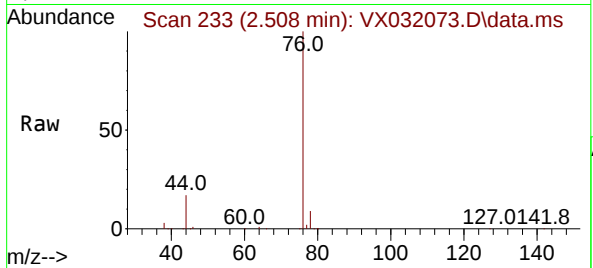
#17
Carbon Disulfide
Concen: 43.268 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 9045
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

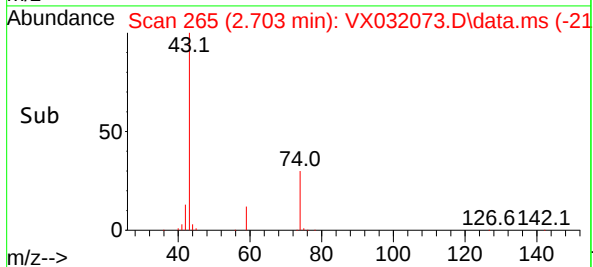
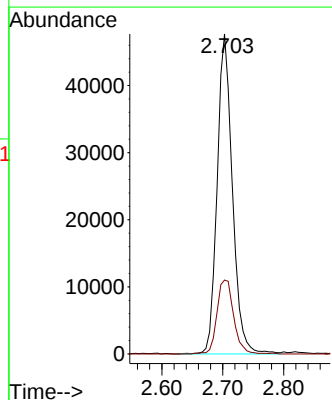
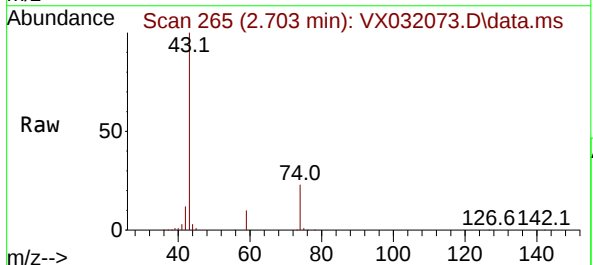
Manual Integrations
APPROVED

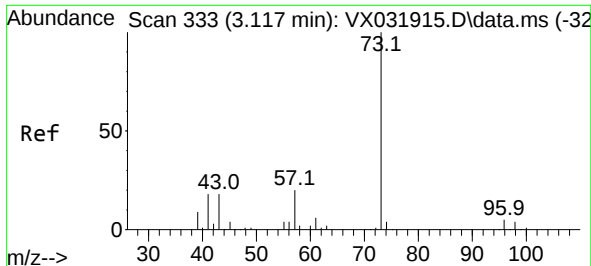
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#18
Methyl Acetate
Concen: 56.043 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Tgt Ion: 43 Resp: 82955
Ion Ratio Lower Upper
43 100
74 25.3 18.6 27.8





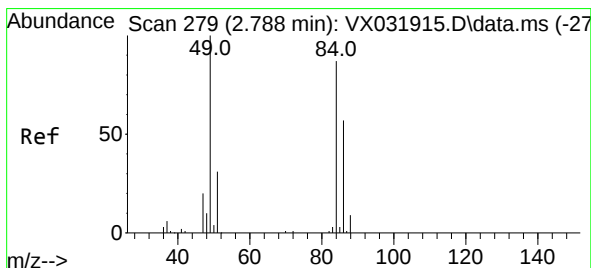
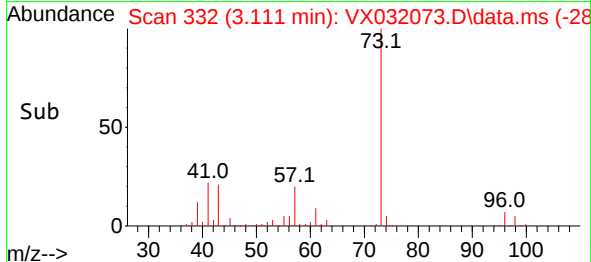
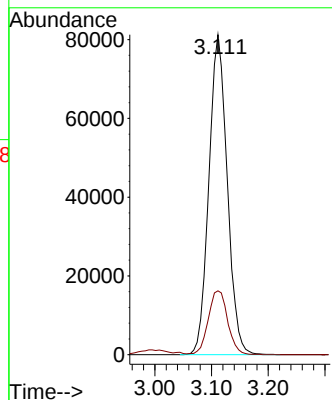
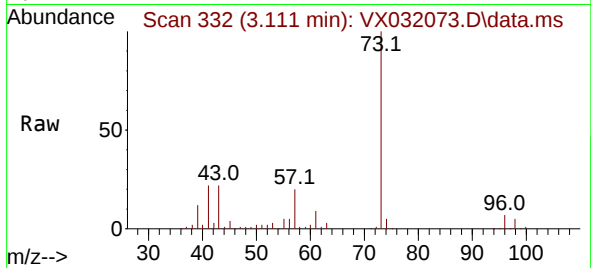
#19
Methyl tert-butyl Ether
Concen: 55.829 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 182390
Ion Ratio Lower Upper
73 100
57 19.9 17.2 25.8

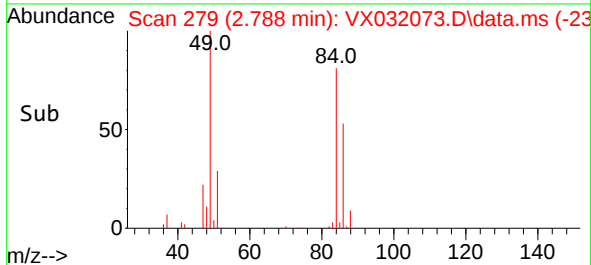
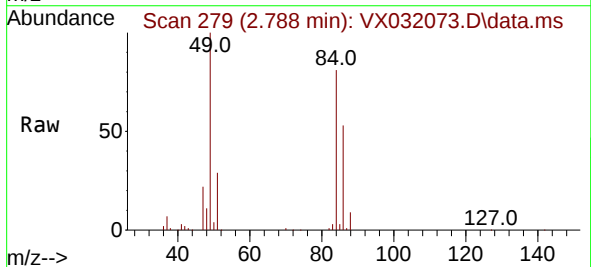
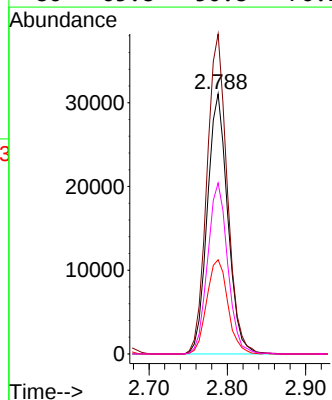
Manual Integrations
APPROVED

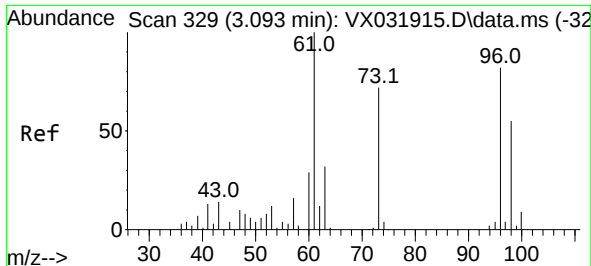
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#20
Methylene Chloride
Concen: 47.724 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

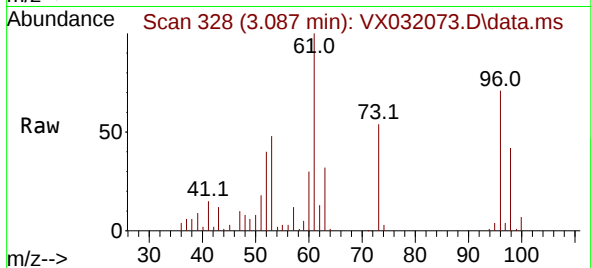
Tgt Ion: 84 Resp: 56261
Ion Ratio Lower Upper
84 100
49 123.0 105.9 158.9
51 36.2 32.2 48.2
86 65.8 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 46.621 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

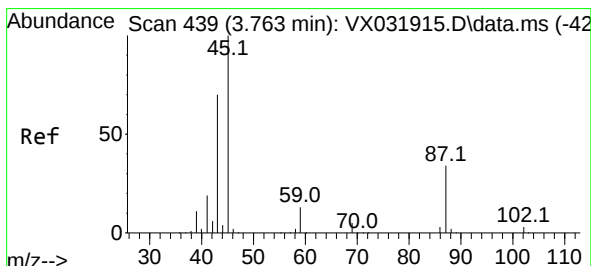
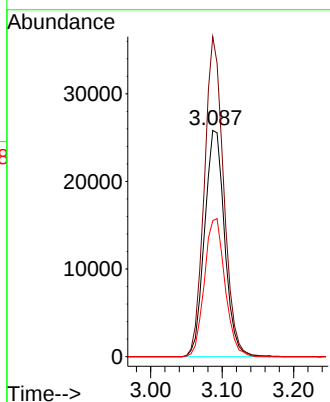
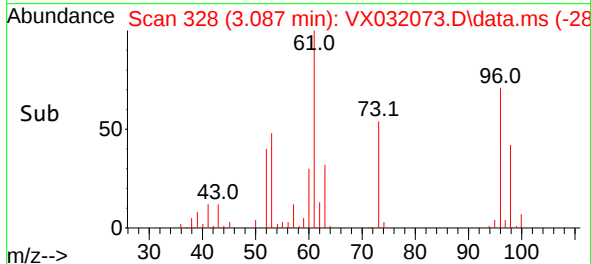
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



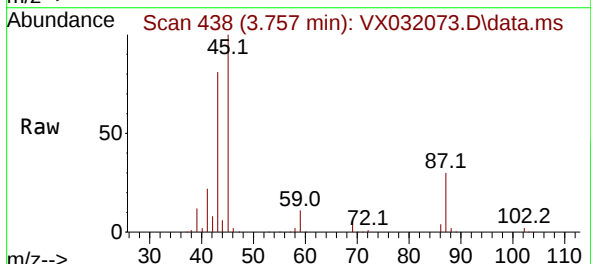
Tgt Ion: 96 Resp: 50264
Ion Ratio Lower Upper
96 100
61 141.4 106.7 160.1
98 60.1 48.7 73.1

Manual Integrations
APPROVED

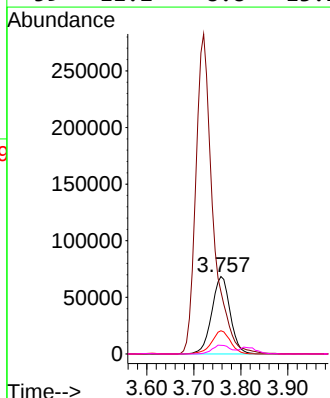
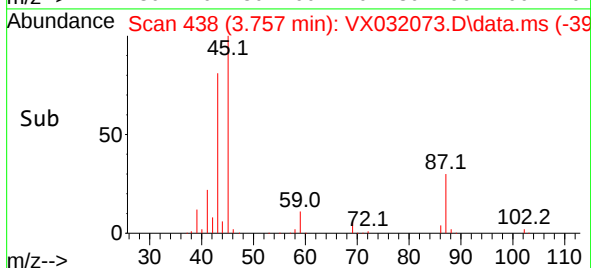
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022

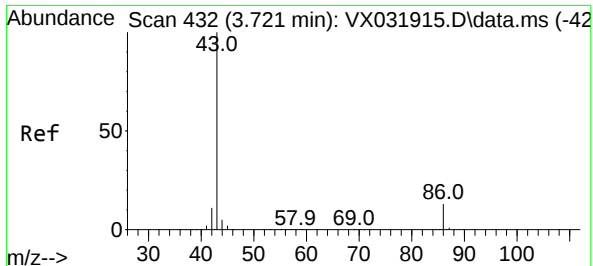


#22
Diisopropyl ether
Concen: 59.773 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09



Tgt Ion: 45 Resp: 186145
Ion Ratio Lower Upper
45 100
43 80.4 59.0 88.6
87 29.9 22.6 33.8
59 11.2 8.8 13.2





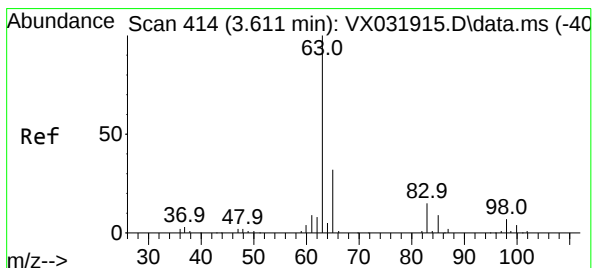
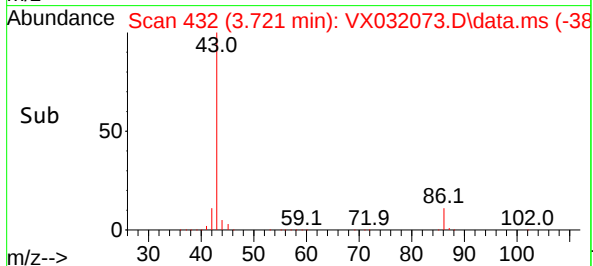
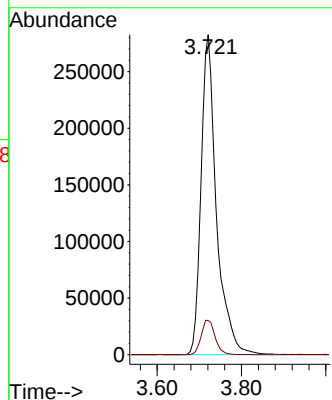
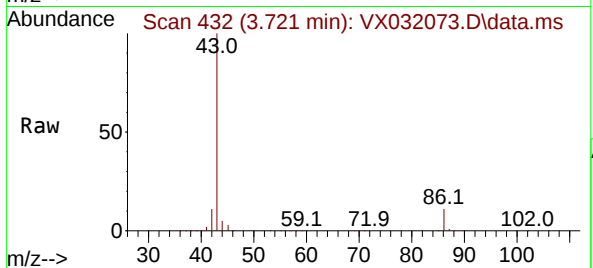
#23
 Vinyl Acetate
 Concen: 308.063 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VX032073.D
 Acq: 12 Oct 2022 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 71711
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.7 13.1

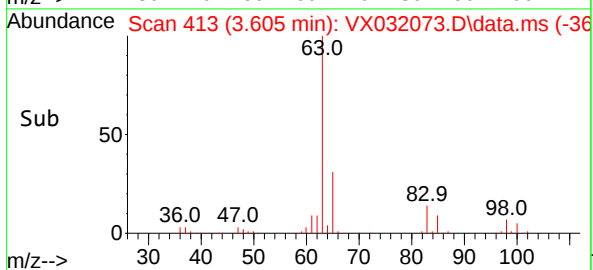
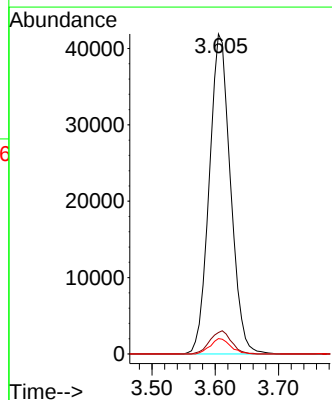
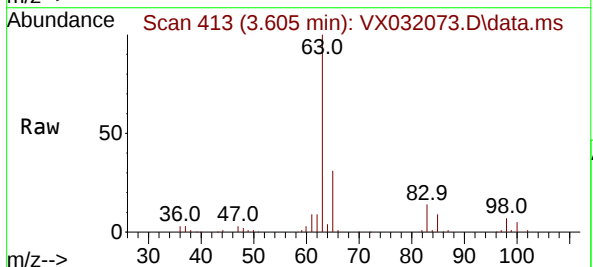
Manual Integrations
 APPROVED

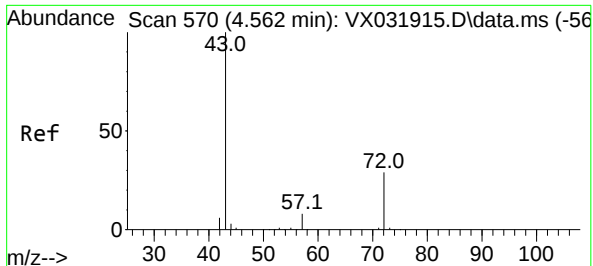
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/13/2022



#24
 1,1-Dichloroethane
 Concen: 52.204 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX032073.D
 Acq: 12 Oct 2022 10:09

Tgt Ion: 63 Resp: 97453
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 4.8 2.4 7.2





#25

2-Butanone

Concen: 275.650 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 19331

Ion Ratio Lower Upper

43 100

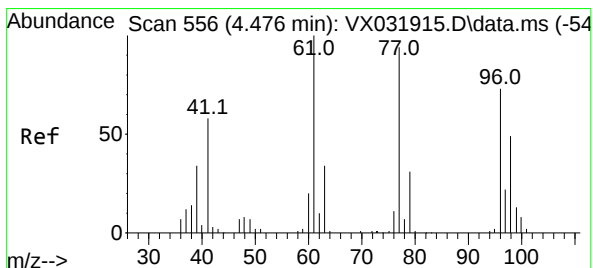
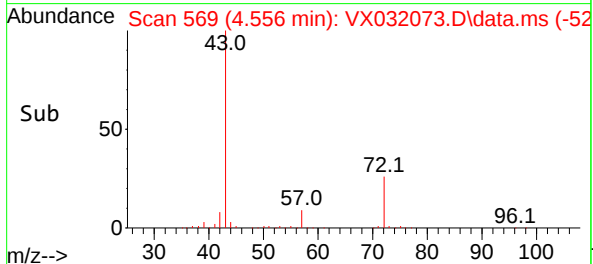
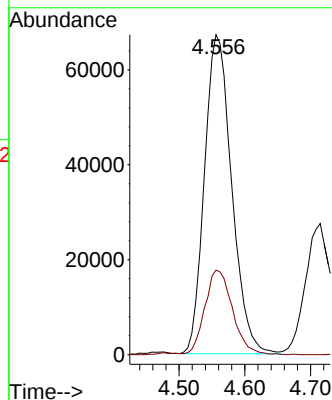
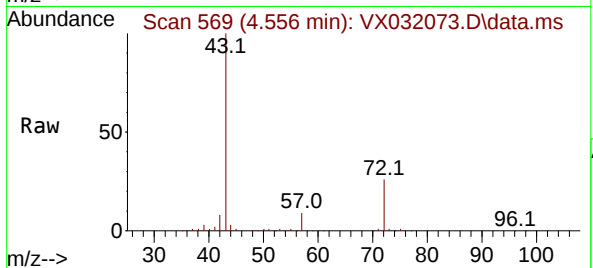
72 26.4 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#26

2,2-Dichloropropane

Concen: 35.503 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.001 min

Lab File: VX032073.D

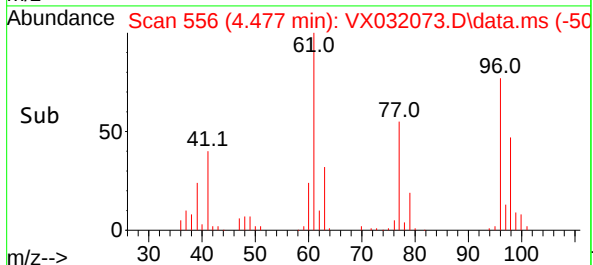
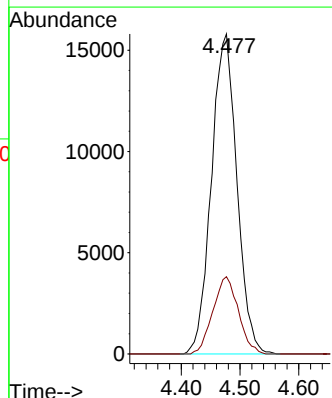
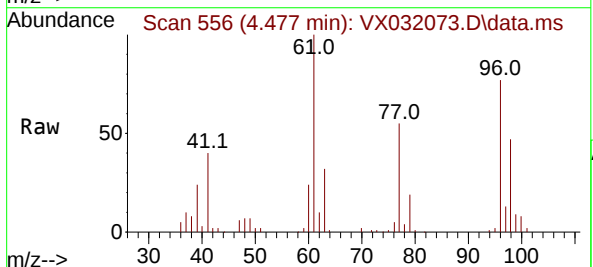
Acq: 12 Oct 2022 10:09

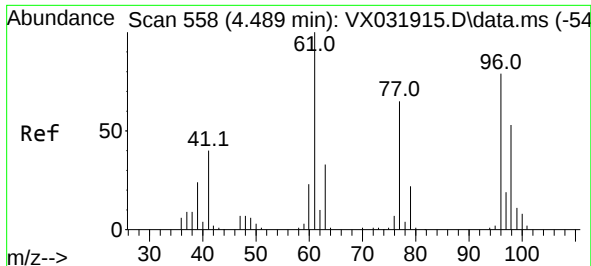
Tgt Ion: 77 Resp: 47604

Ion Ratio Lower Upper

77 100

97 24.1 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 49.631 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 6402

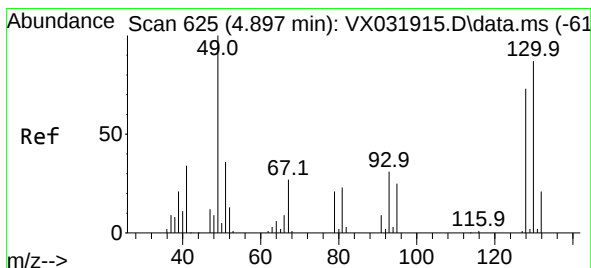
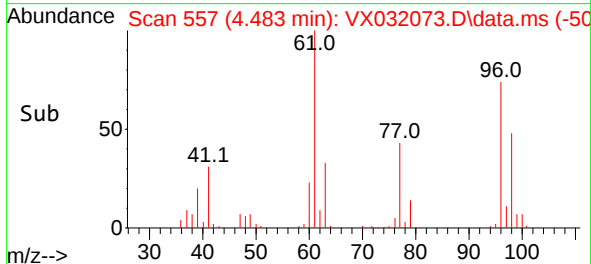
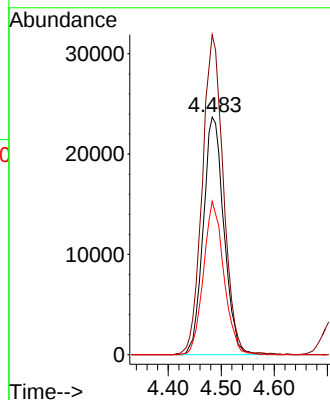
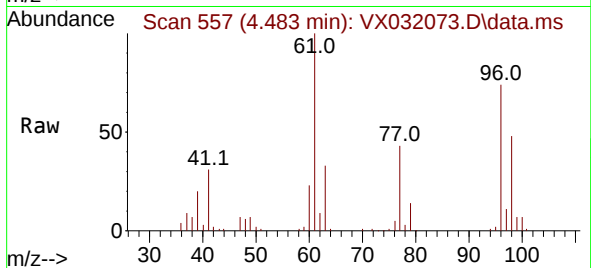
Ion	Ratio	Lower	Upper
96	100		
61	137.4	0.0	305.2
98	63.5	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#28

Bromochloromethane

Concen: 58.879 ug/l

RT: 4.898 min Scan# 625

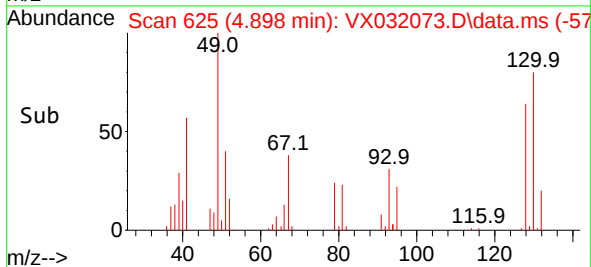
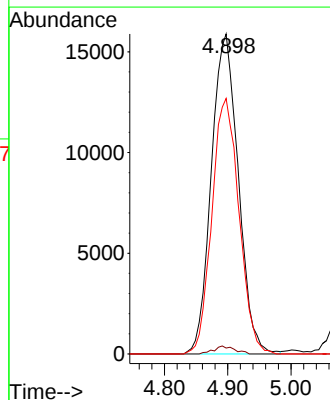
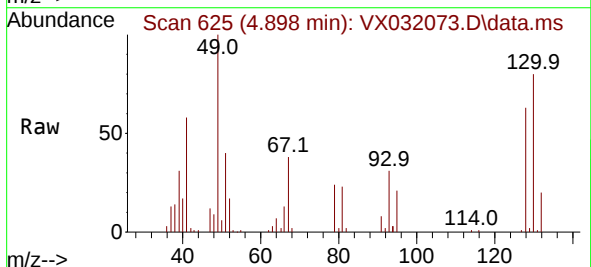
Delta R.T. 0.000 min

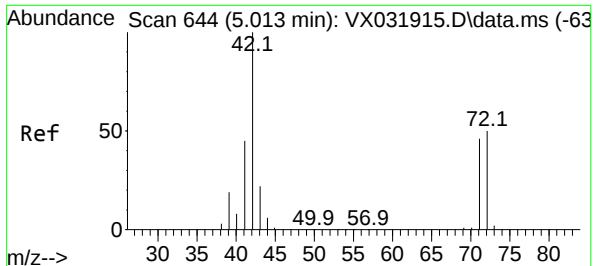
Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Tgt Ion: 49 Resp: 47046

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	80.2	59.0	88.4





#29

Tetrahydrofuran

Concen: 275.544 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 12468

Ion Ratio Lower Upper

42 100

72 47.0 36.4 54.6

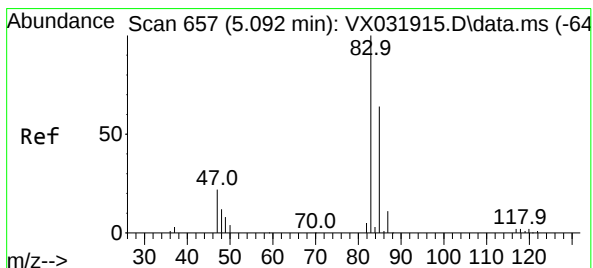
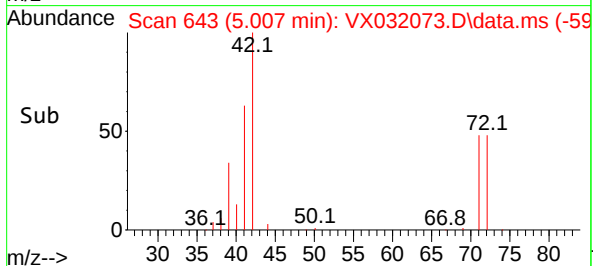
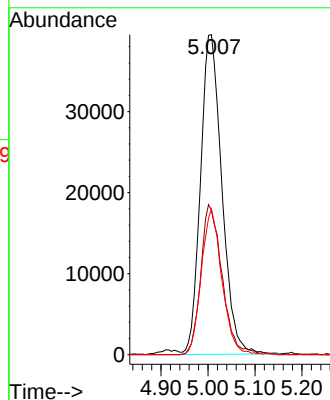
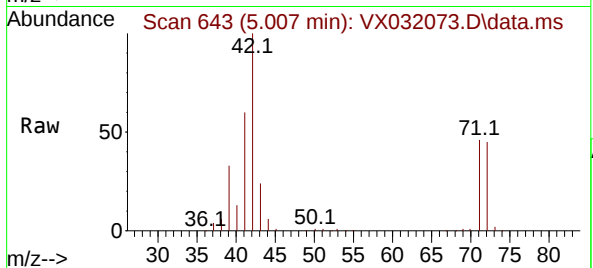
71 43.7 33.5 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#30

Chloroform

Concen: 55.709 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.001 min

Lab File: VX032073.D

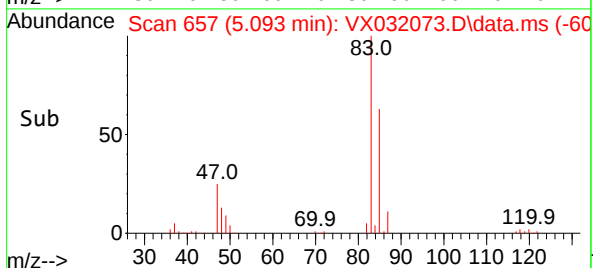
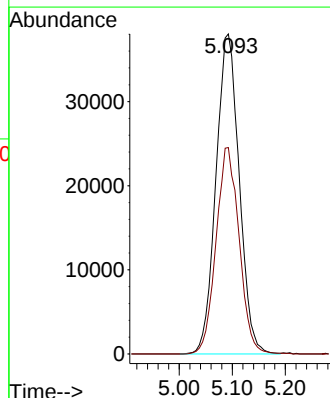
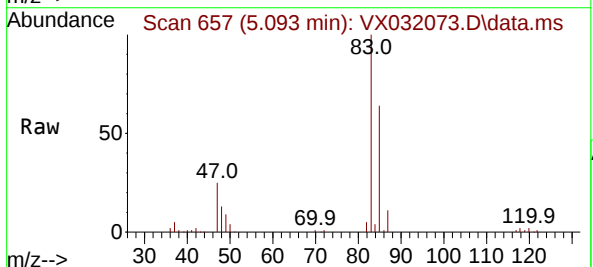
Acq: 12 Oct 2022 10:09

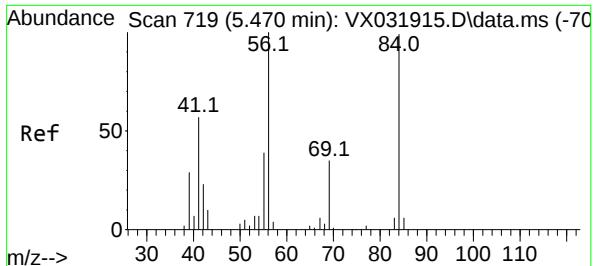
Tgt Ion: 83 Resp: 115838

Ion Ratio Lower Upper

83 100

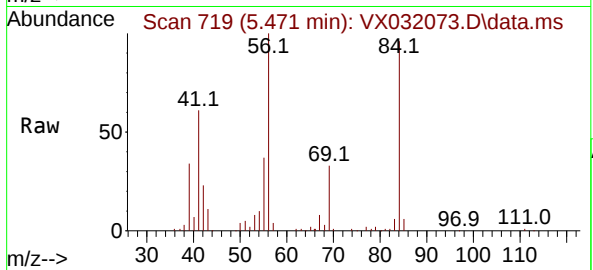
85 64.5 52.8 79.2





#31
Cyclohexane
Concen: 49.105 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

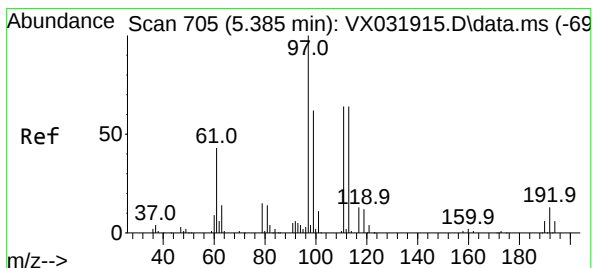
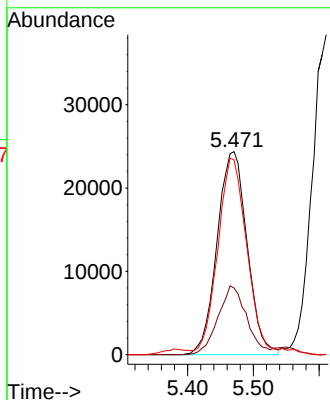
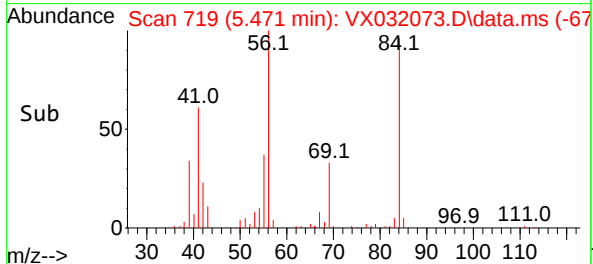
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



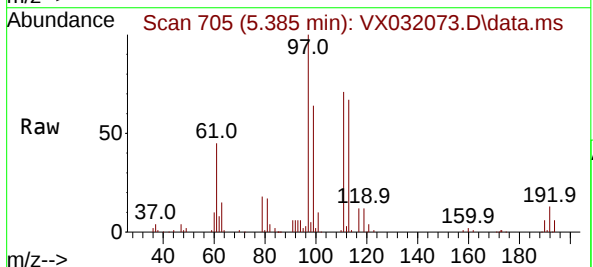
Tgt Ion: 56 Resp: 77434
Ion Ratio Lower Upper
56 100
69 32.8 25.1 37.7
84 93.6 70.2 105.4

Manual Integrations
APPROVED

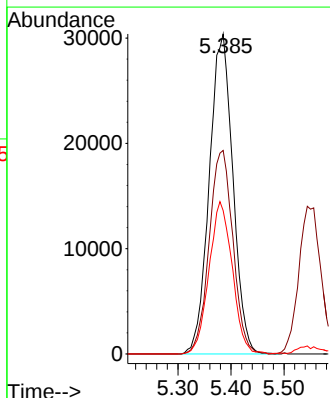
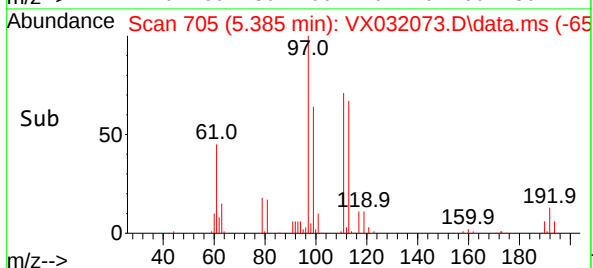
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022

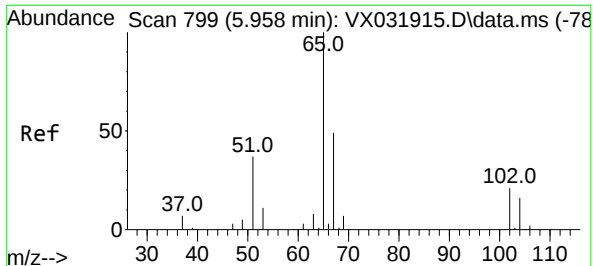


#32
1,1,1-Trichloroethane
Concen: 53.083 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09



Tgt Ion: 97 Resp: 93798
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 47.0 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 61.432 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 81090

Ion Ratio Lower Upper

65 100

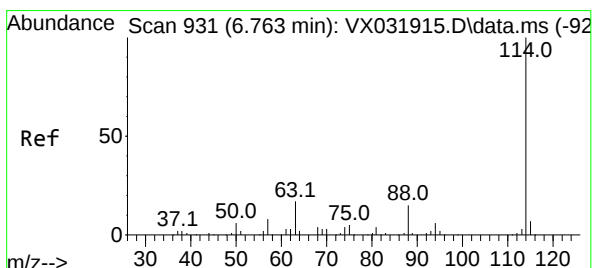
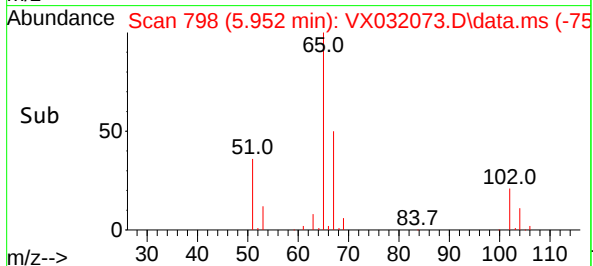
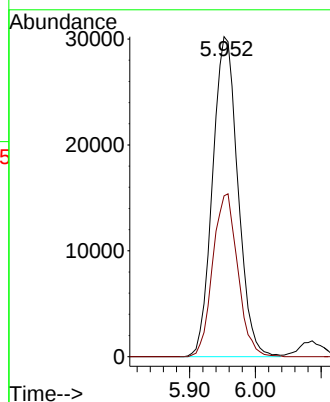
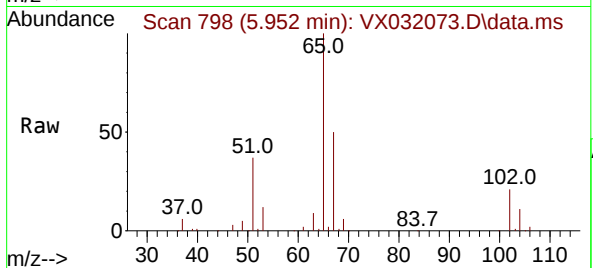
67 50.2 0.0 102.4

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: VX032073.D

Acq: 12 Oct 2022 10:09

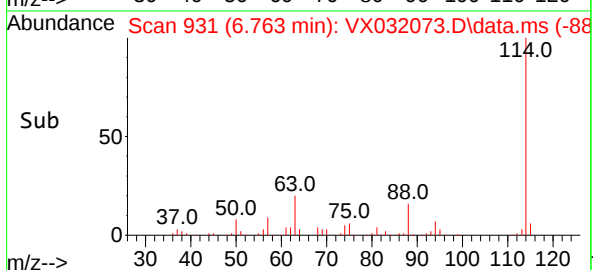
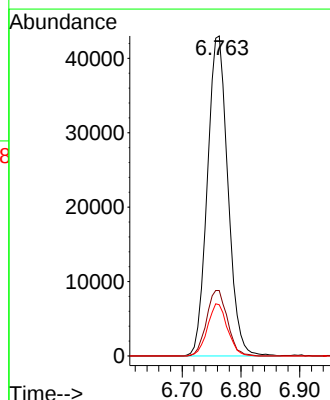
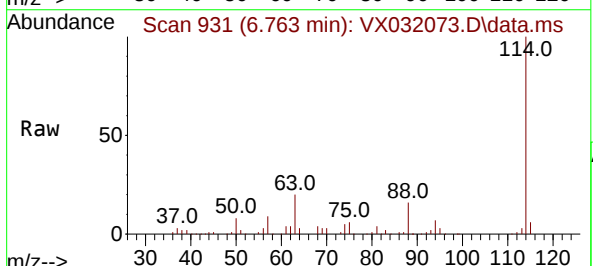
Tgt Ion:114 Resp: 104325

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

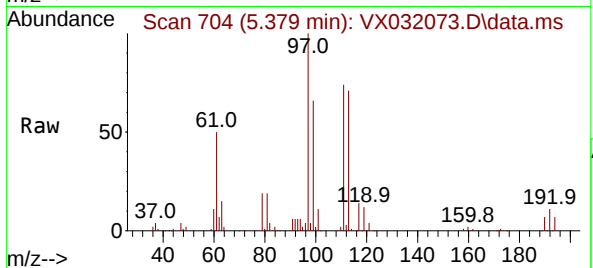
88 16.0 0.0 33.0





#35
Dibromofluoromethane
Concen: 52.059 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

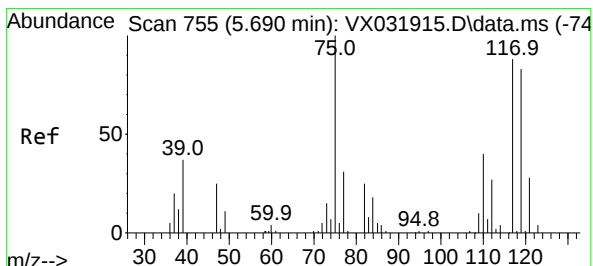
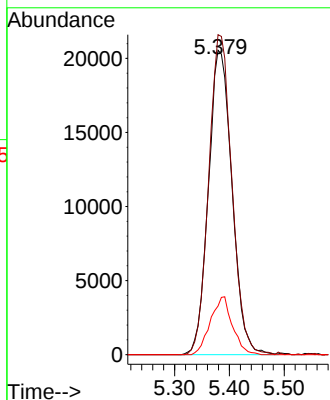
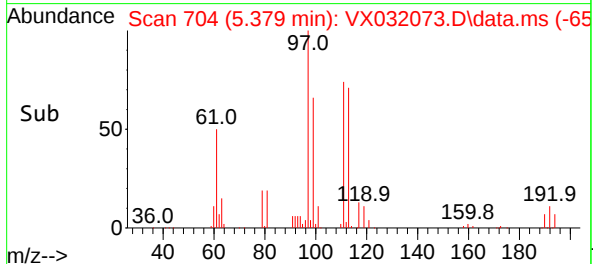
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 61470
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 17.7 14.1 21.1

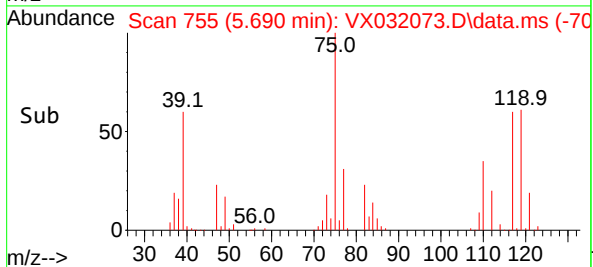
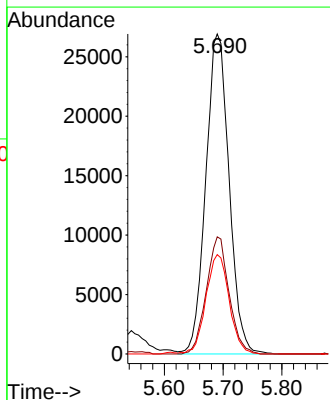
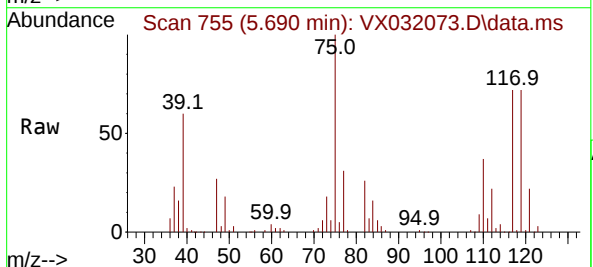
Manual Integrations
APPROVED

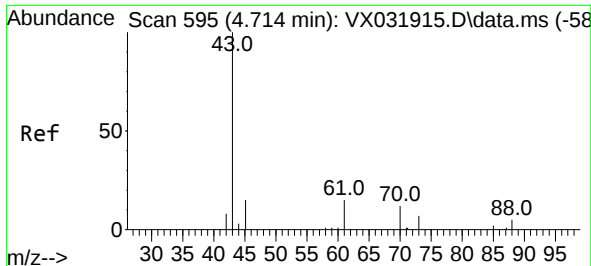
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#36
1,1-Dichloropropene
Concen: 47.367 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Tgt Ion: 75 Resp: 74173
Ion Ratio Lower Upper
75 100
110 35.6 17.5 52.5
77 31.0 24.9 37.3





#37

Ethyl Acetate

Concen: 53.923 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

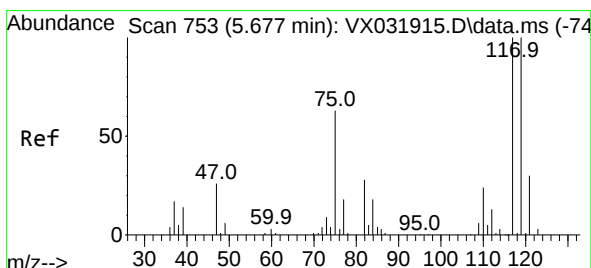
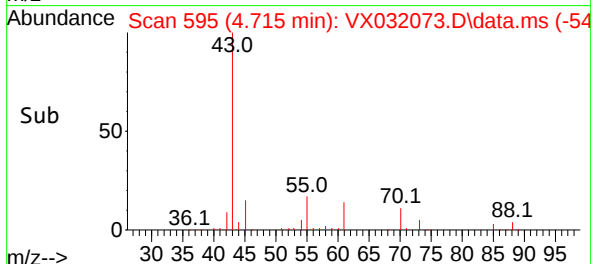
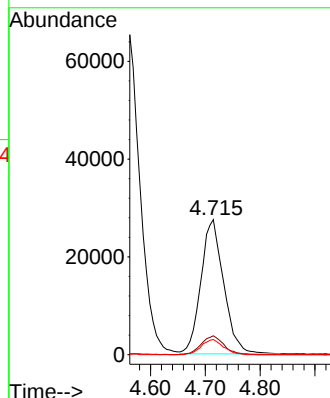
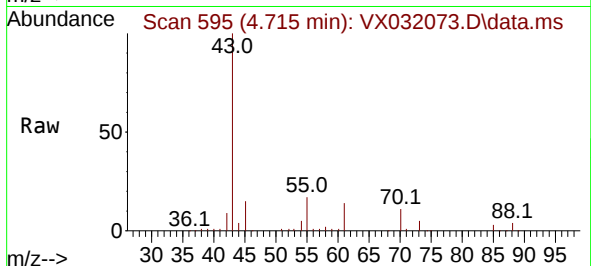
Tgt Ion:	43	Resp:	7949
Ion Ratio	Lower	Upper	
43	100		
61	14.0	11.1	16.7
70	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#38

Carbon Tetrachloride

Concen: 50.602 ug/l

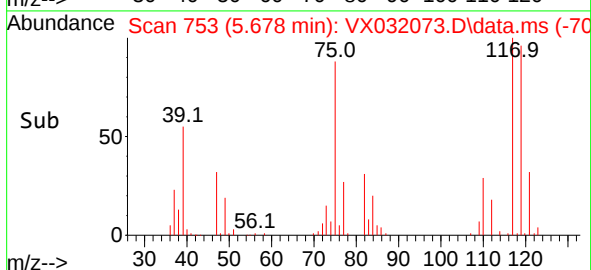
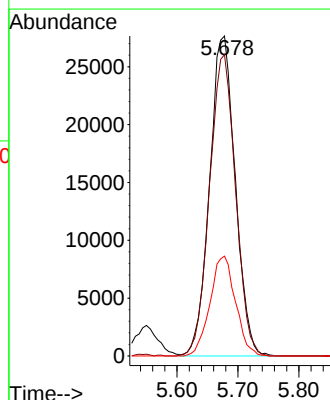
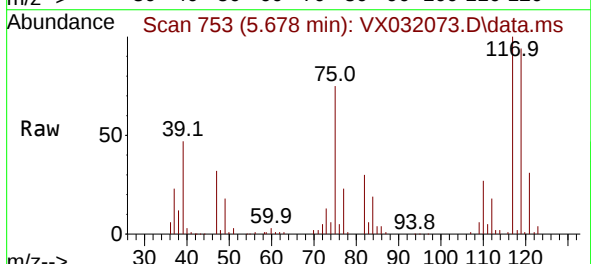
RT: 5.678 min Scan# 753

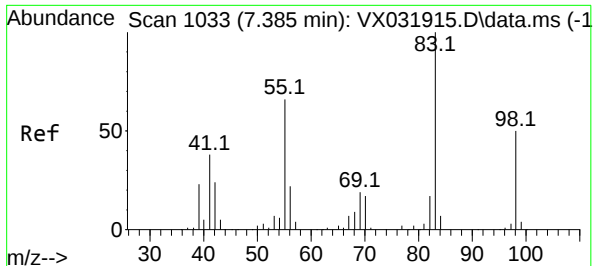
Delta R.T. 0.001 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Tgt Ion:	117	Resp:	81021
Ion Ratio	Lower	Upper	
117	100		
119	94.1	74.6	112.0
121	31.2	25.3	37.9





#39

Methylcyclohexane

Concen: 46.026 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 85970

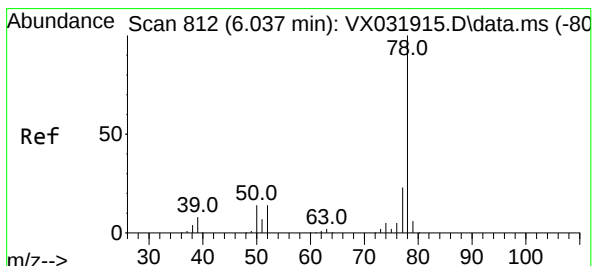
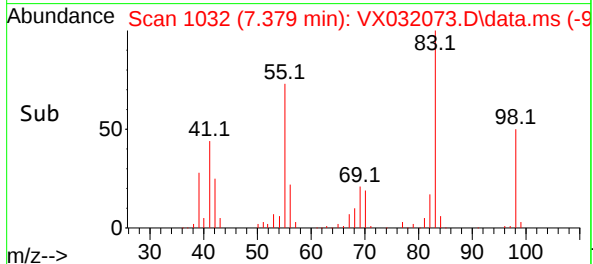
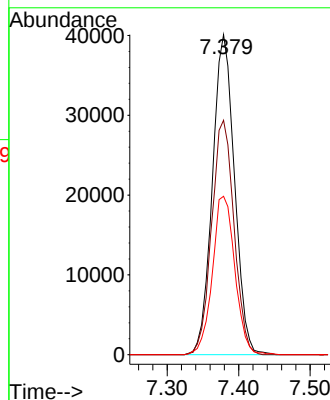
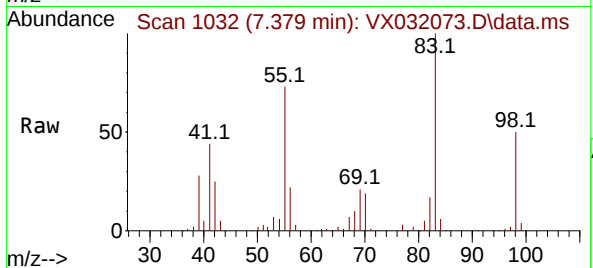
Ion	Ratio	Lower	Upper
83	100		
55	73.2	61.0	91.4
98	49.5	37.7	56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#40

Benzene

Concen: 49.091 ug/l

RT: 6.038 min Scan# 812

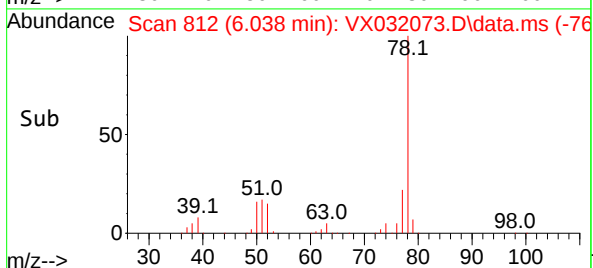
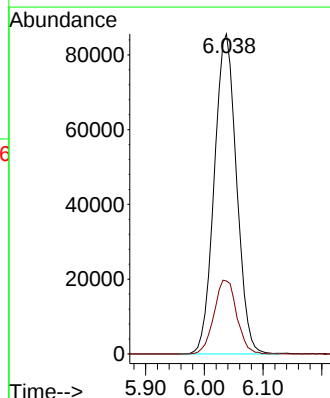
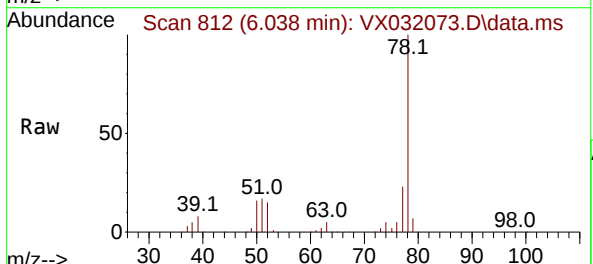
Delta R.T. 0.001 min

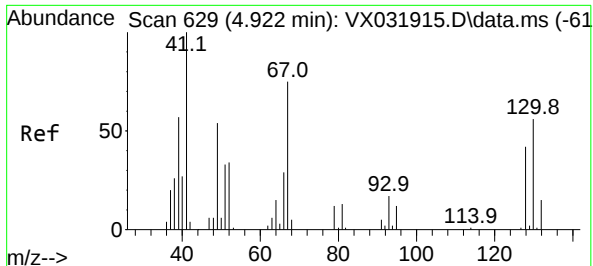
Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Tgt Ion: 78 Resp: 225101

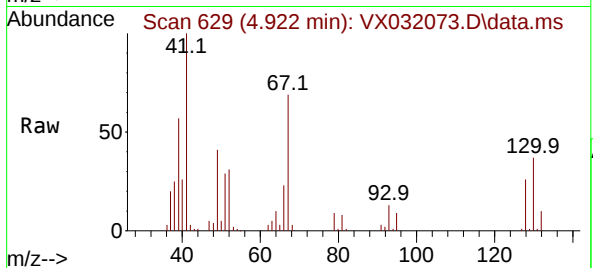
Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.7	28.1





#41
Methacrylonitrile
Concen: 58.505 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

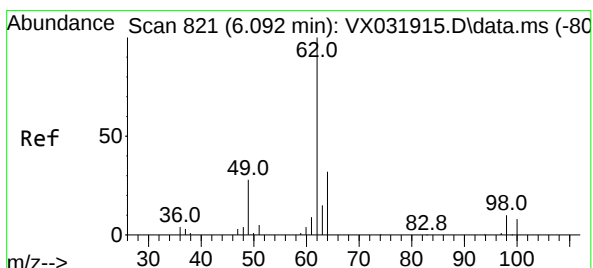
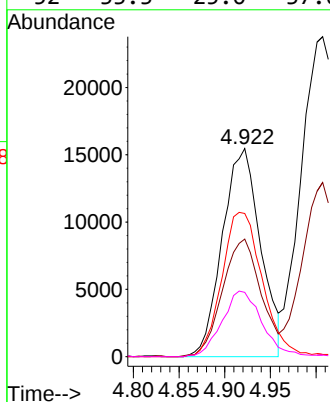
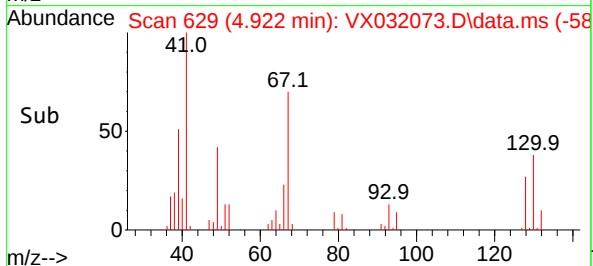
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 4485
Ion Ratio Lower Upper
41 100
39 57.0 45.0 67.6
67 74.3 58.2 87.4
52 33.3 25.0 37.6

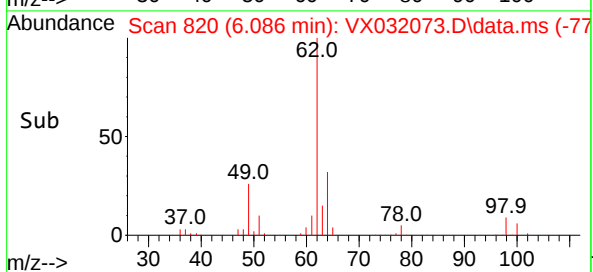
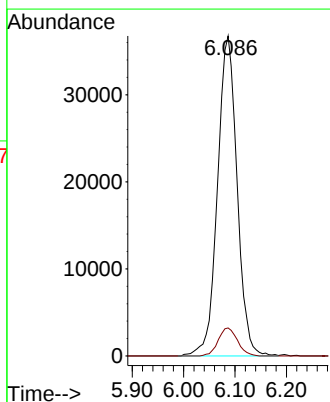
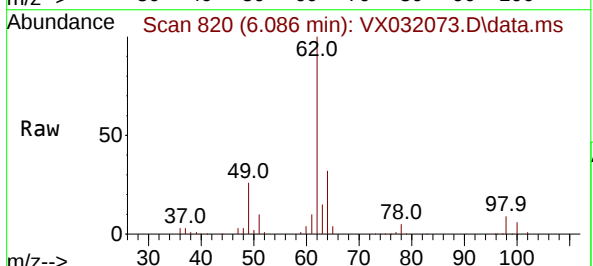
Manual Integrations
APPROVED

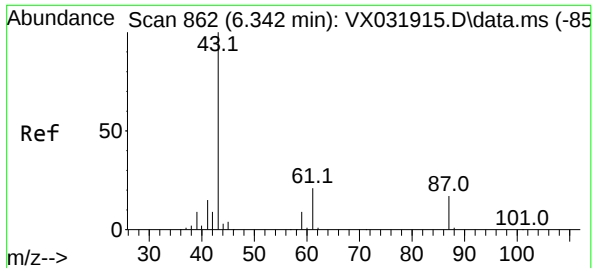
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#42
1,2-Dichloroethane
Concen: 58.250 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Tgt Ion: 62 Resp: 97331
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.8





#43

Isopropyl Acetate

Concen: 58.666 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

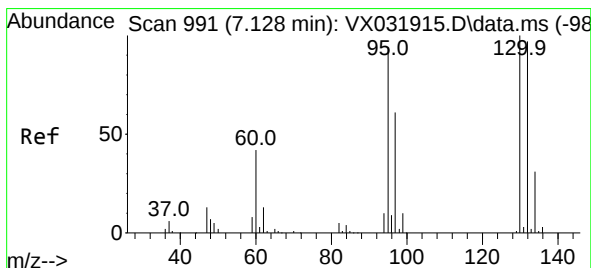
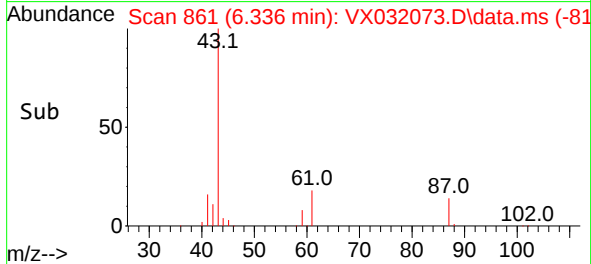
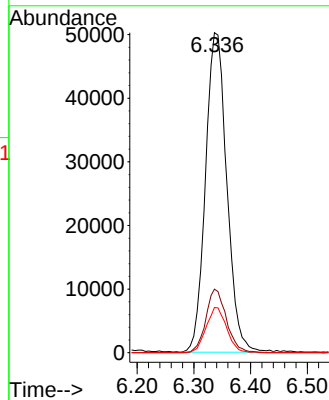
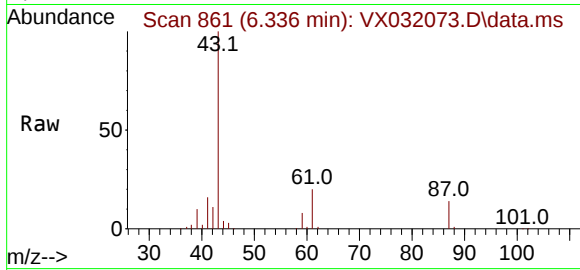
Tgt Ion: 43	Resp: 131224
Ion Ratio	Lower Upper
43 100	
61 19.1	15.3 22.9
87 13.6	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#44

Trichloroethene

Concen: 45.462 ug/l

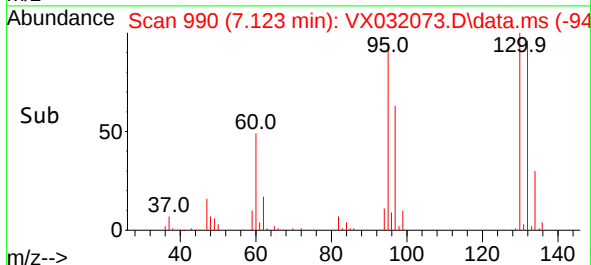
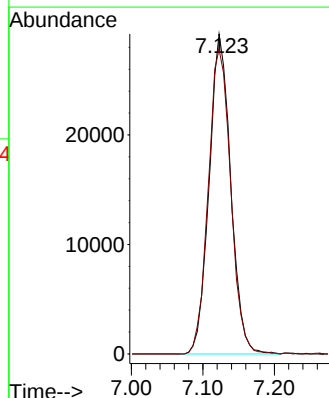
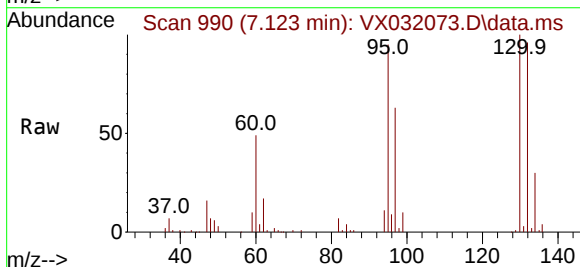
RT: 7.123 min Scan# 990

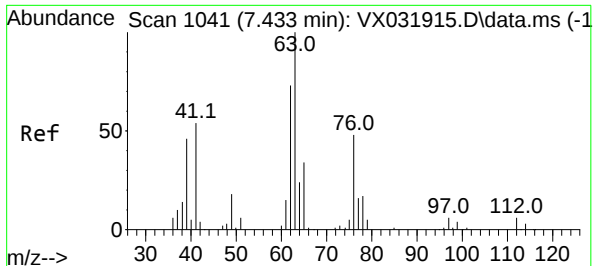
Delta R.T. -0.005 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Tgt	Ion:130	Resp:	61125
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	206.8





#45

1,2-Dichloropropane

Concen: 52.626 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.005 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 5930

Ion Ratio Lower Upper

63 100

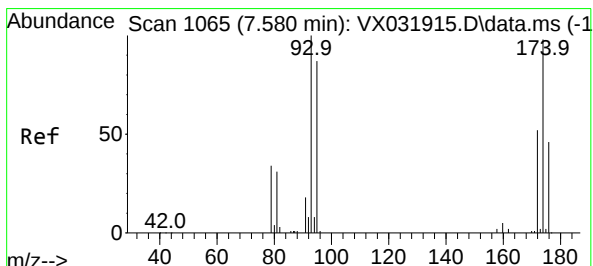
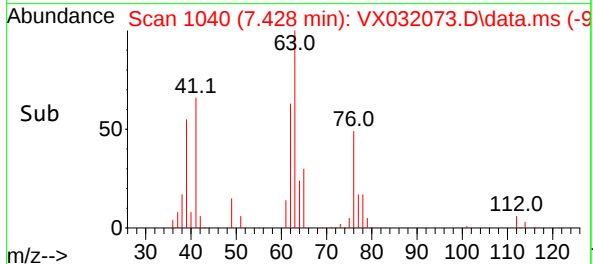
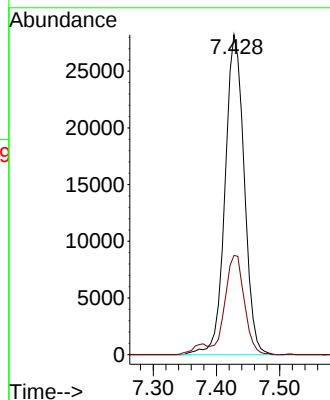
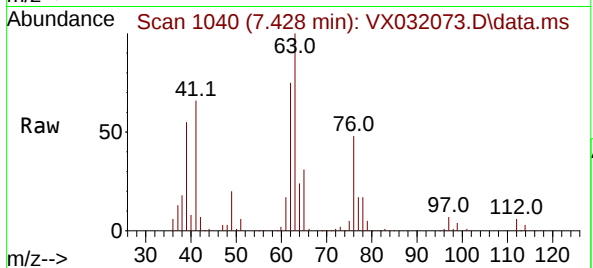
65 31.0 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#46

Dibromomethane

Concen: 50.932 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

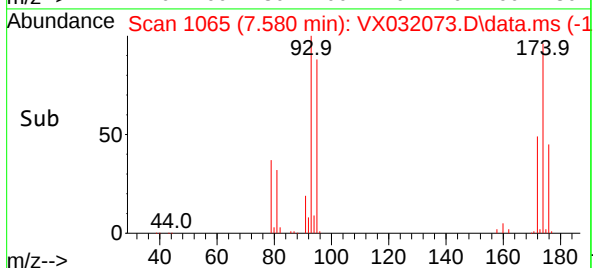
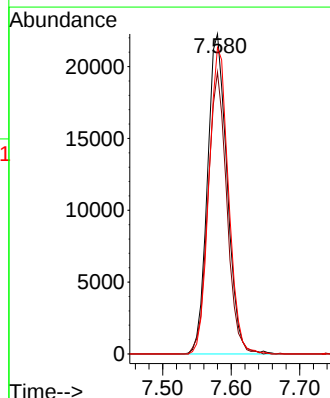
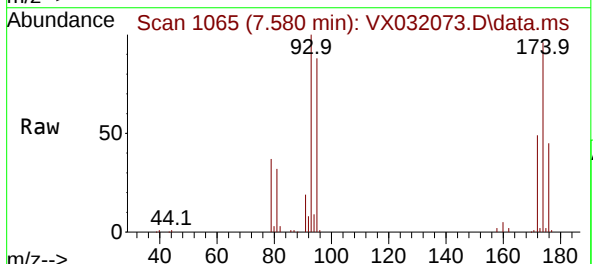
Tgt Ion: 93 Resp: 44480

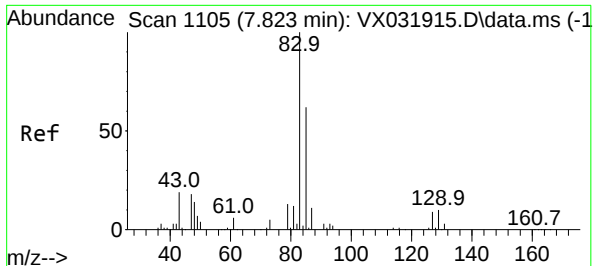
Ion Ratio Lower Upper

93 100

95 84.4 65.5 98.3

174 94.9 67.6 101.4





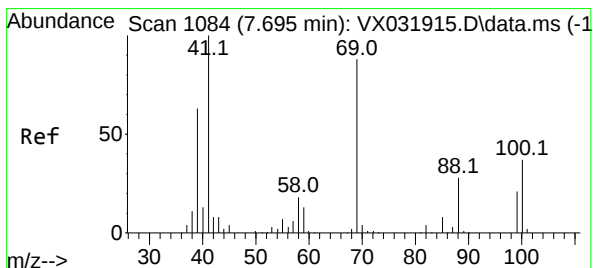
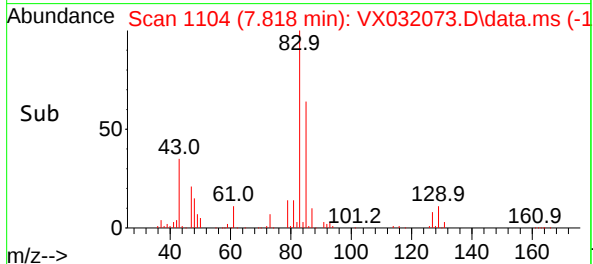
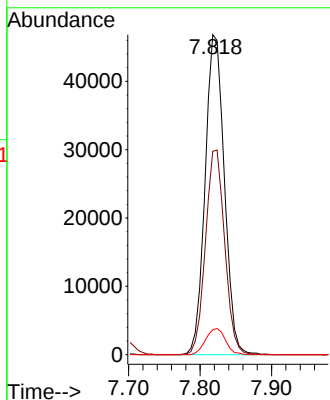
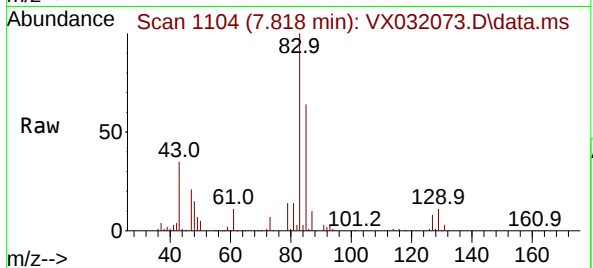
#47
Bromodichloromethane
Concen: 58.087 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 87634
Ion Ratio Lower Upper
83 100
85 63.5 51.0 76.6
127 7.8 7.0 10.6

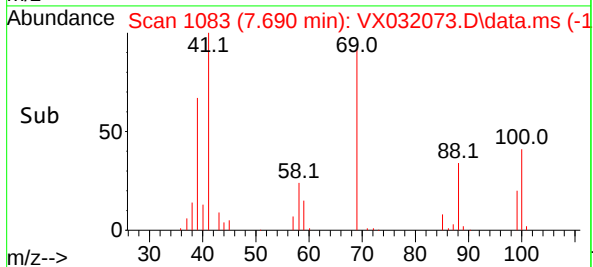
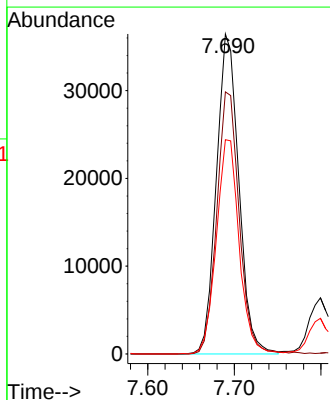
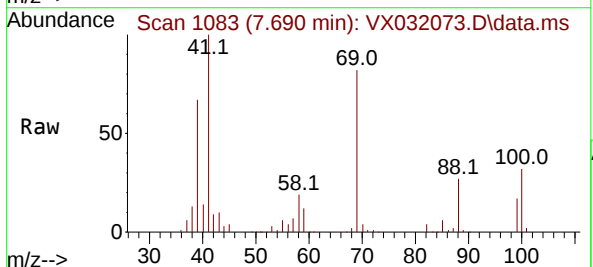
Manual Integrations
APPROVED

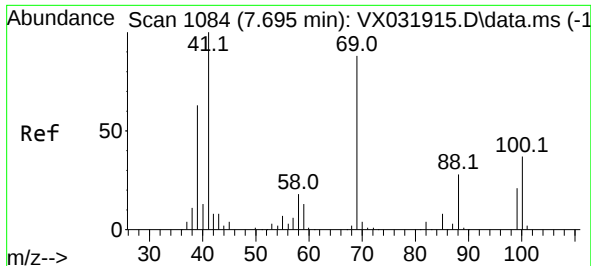
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#48
Methyl methacrylate
Concen: 61.436 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.005 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Tgt Ion: 41 Resp: 65665
Ion Ratio Lower Upper
41 100
69 82.0 64.6 96.8
39 68.2 51.4 77.0





#49

1,4-Dioxane

Concen: 1052.785 ug/l

RT: 7.690 min Scan# 1084

Delta R.T. -0.005 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

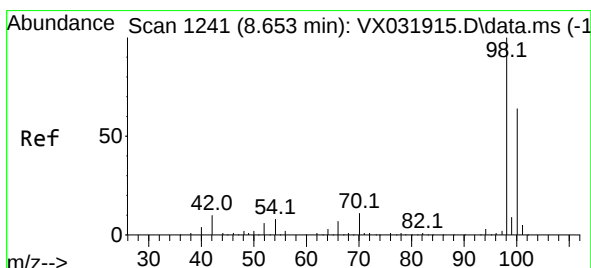
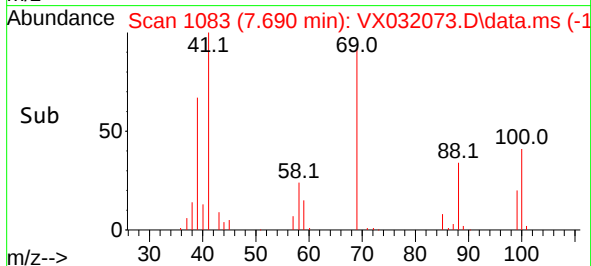
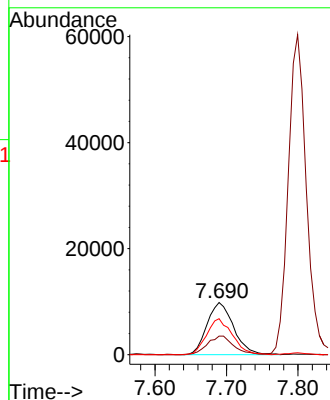
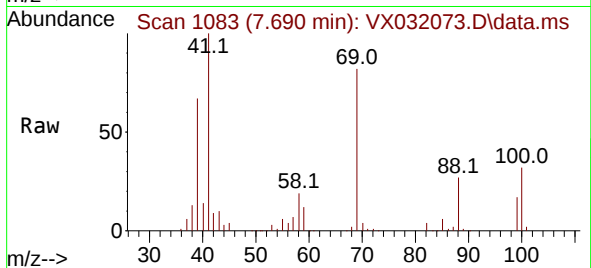
Tgt Ion: 88 Resp: 2536
 Ion Ratio Lower Upper
 88 100
 43 35.3 27.1 40.7
 58 66.8 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#50

Toluene-d8

Concen: 50.174 ug/l

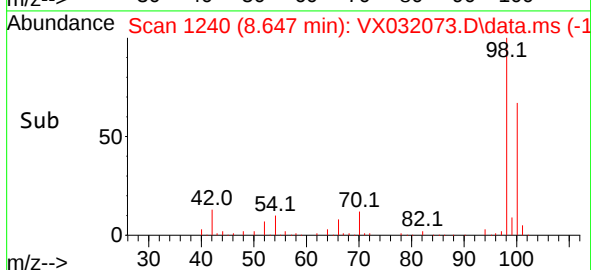
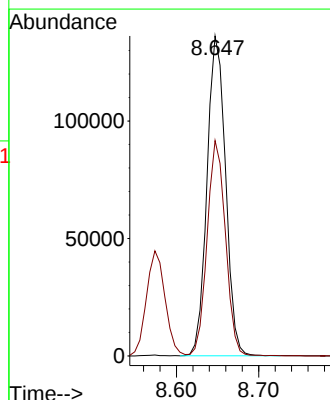
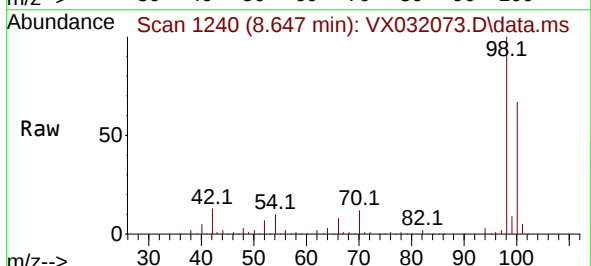
RT: 8.647 min Scan# 1240

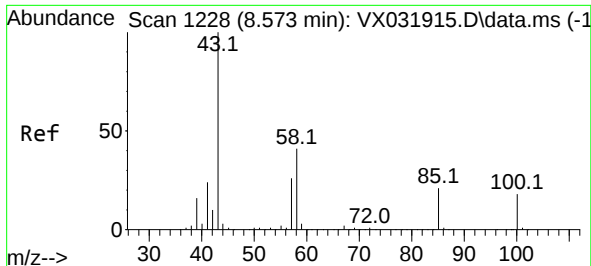
Delta R.T. -0.006 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Tgt Ion: 98 Resp: 213205
 Ion Ratio Lower Upper
 98 100
 100 66.6 52.5 78.7





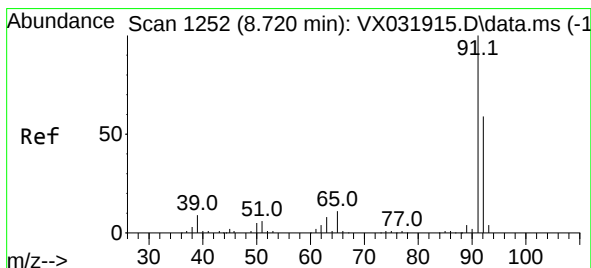
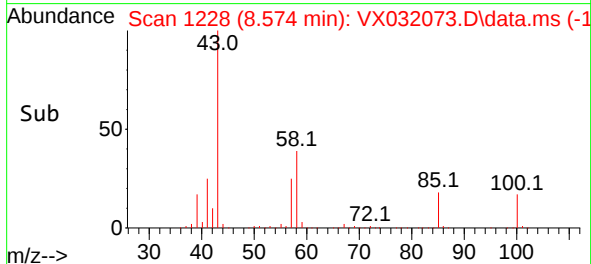
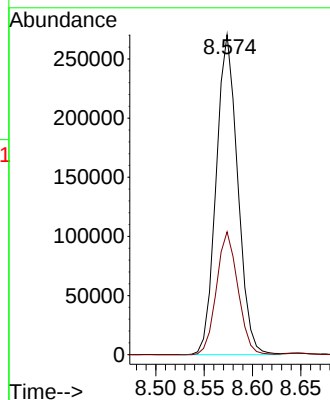
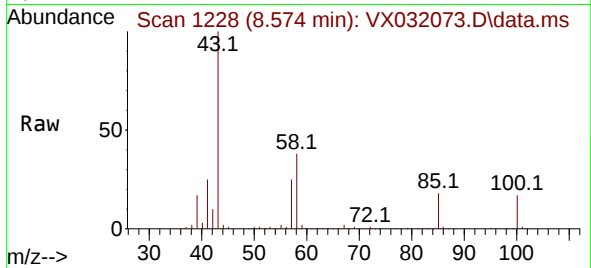
#51
4-Methyl-2-Pentanone
Concen: 282.681 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 419015
Ion Ratio Lower Upper
43 100
58 38.1 30.6 46.0

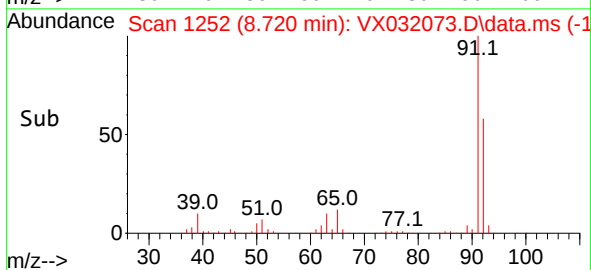
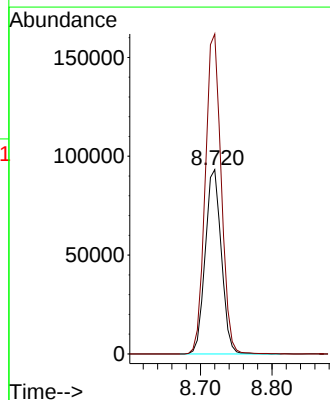
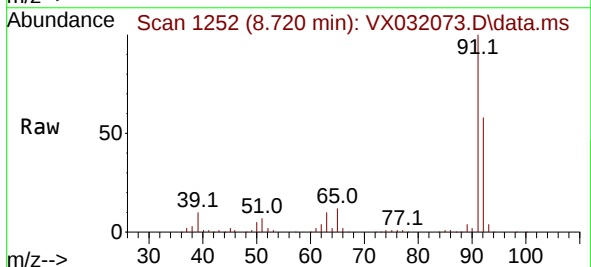
Manual Integrations
APPROVED

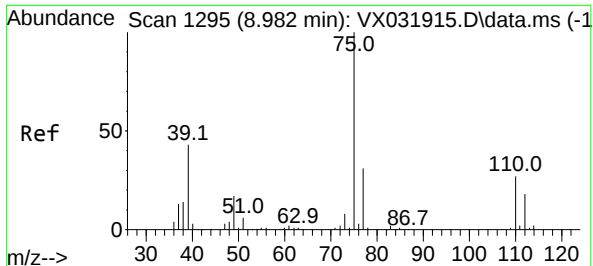
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#52
Toluene
Concen: 48.595 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Tgt Ion: 92 Resp: 145691
Ion Ratio Lower Upper
92 100
91 172.4 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 50.734 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 82424

Ion Ratio Lower Upper

75 100

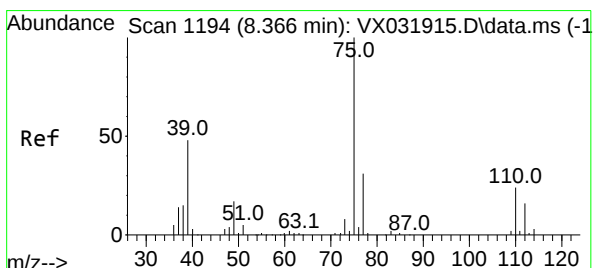
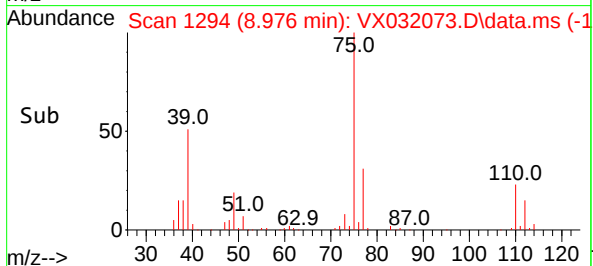
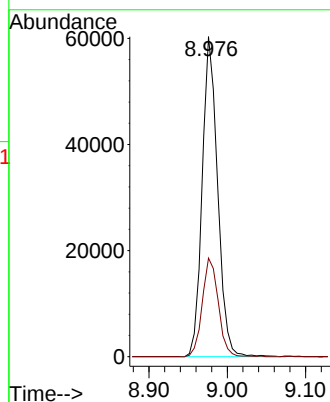
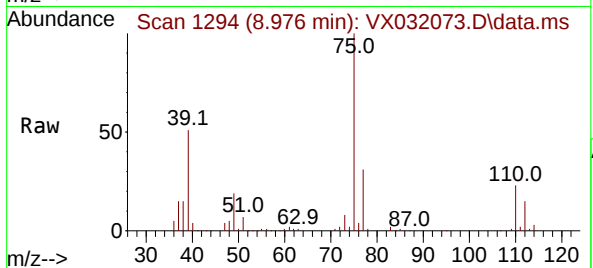
77 30.8 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#54

cis-1,3-Dichloropropene

Concen: 54.172 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

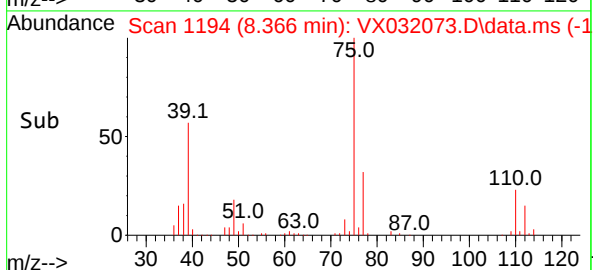
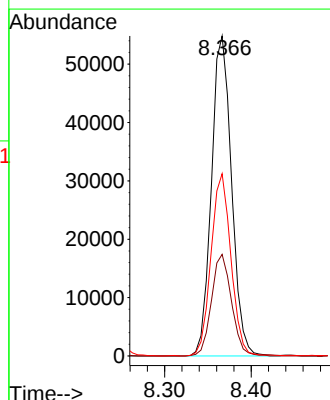
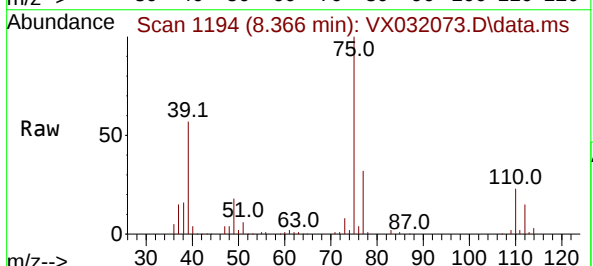
Tgt Ion: 75 Resp: 88508

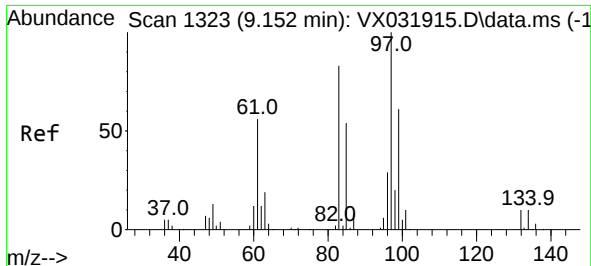
Ion Ratio Lower Upper

75 100

77 31.7 24.4 36.6

39 56.9 43.7 65.5





#55

1,1,2-Trichloroethane

Concen: 50.545 ug/l

RT: 9.153 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 6395

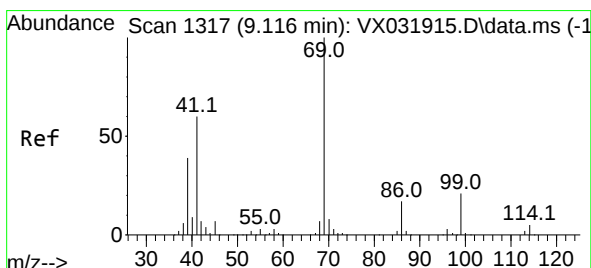
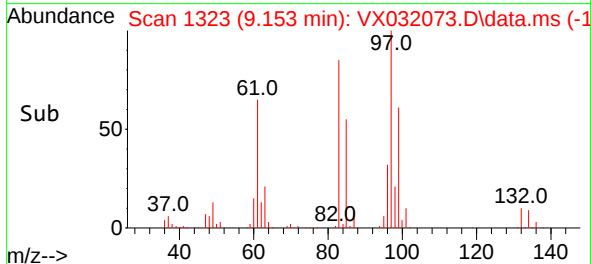
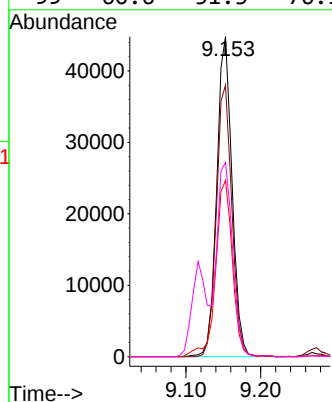
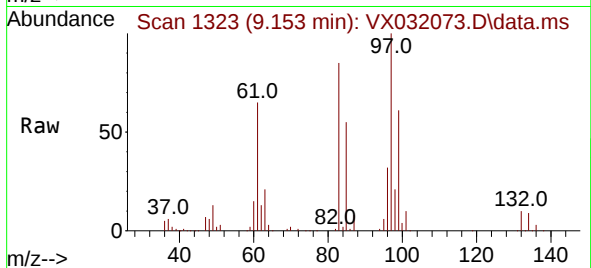
Ion	Ratio	Lower	Upper
97	100		
83	84.9	69.0	103.6
85	55.1	44.1	66.1
99	60.6	51.3	76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#56

Ethyl methacrylate

Concen: 57.793 ug/l

RT: 9.116 min Scan# 1317

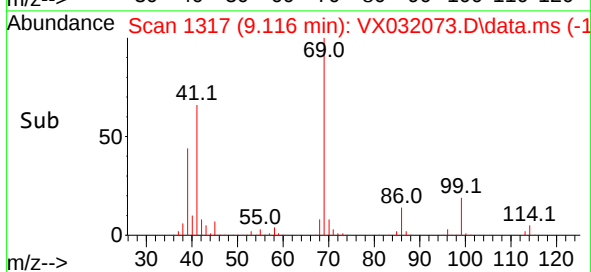
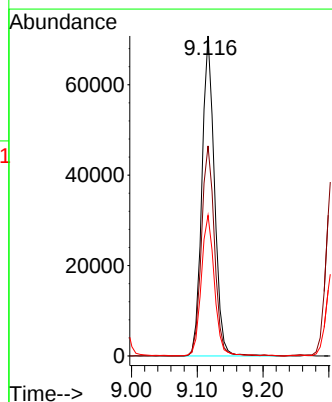
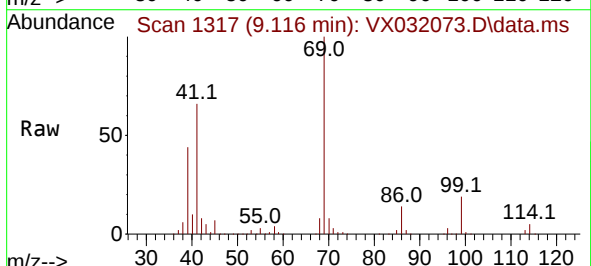
Delta R.T. 0.000 min

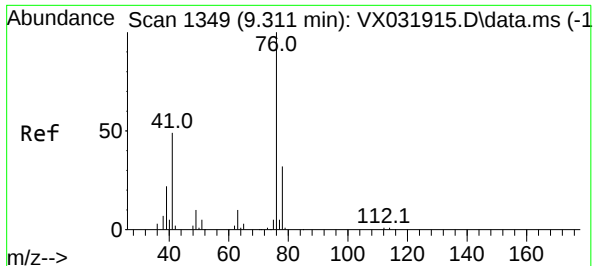
Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Tgt Ion: 69 Resp: 93740

Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.2	81.4
39	45.7	34.2	51.2





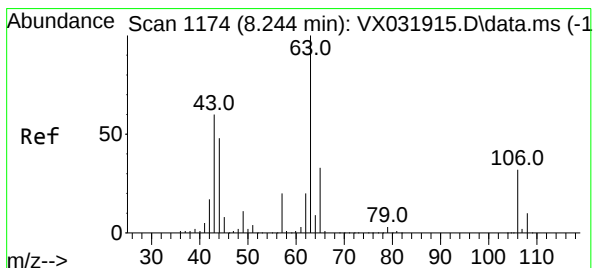
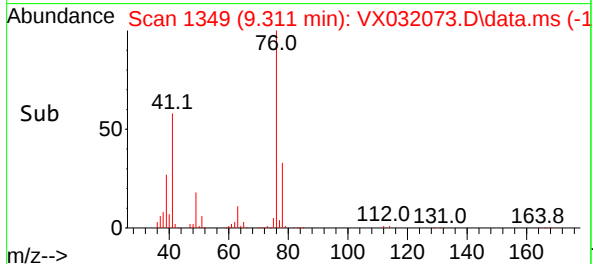
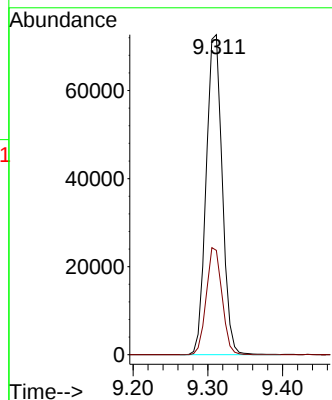
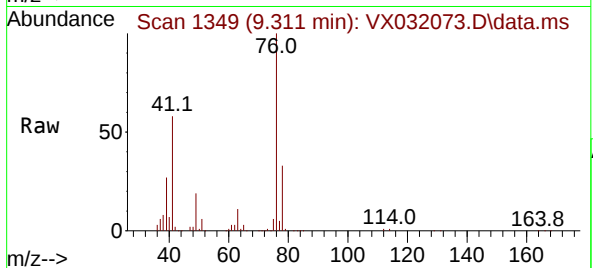
#57
1,3-Dichloropropane
Concen: 53.314 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 108408
Ion Ratio Lower Upper
76 100
78 32.8 25.5 38.3

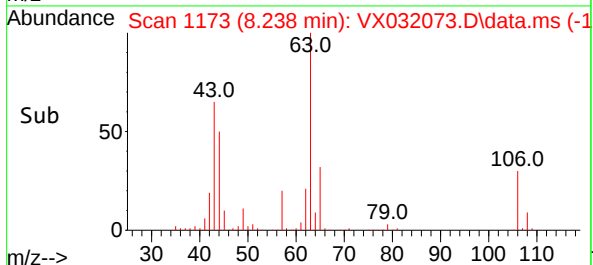
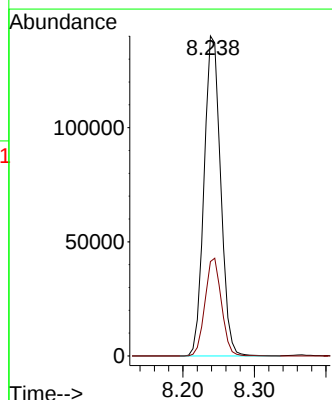
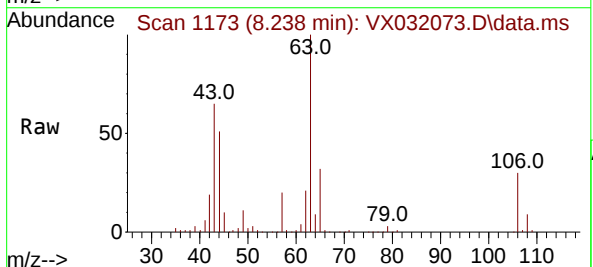
Manual Integrations
APPROVED

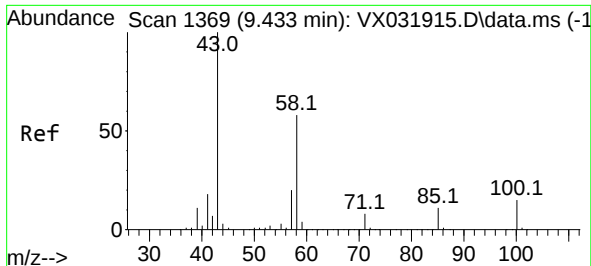
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#58
2-Chloroethyl Vinyl ether
Concen: 269.462 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Tgt Ion: 63 Resp: 225615
Ion Ratio Lower Upper
63 100
106 30.3 22.6 34.0





#59

2-Hexanone

Concen: 282.317 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 308558

Ion Ratio Lower Upper

43 100

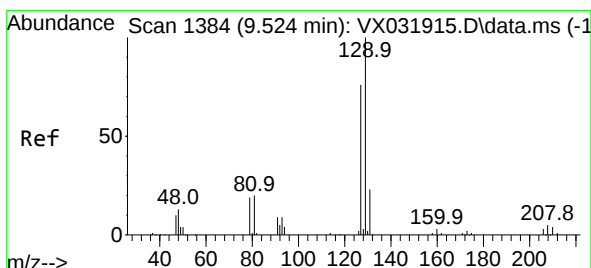
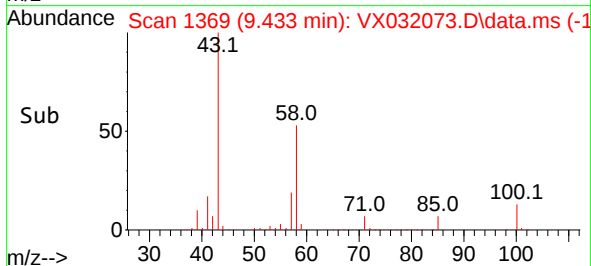
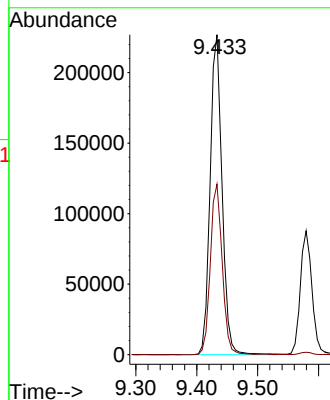
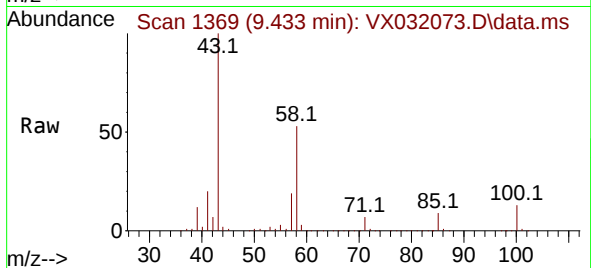
58 53.4 26.7 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#60

Dibromochloromethane

Concen: 58.017 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.005 min

Lab File: VX032073.D

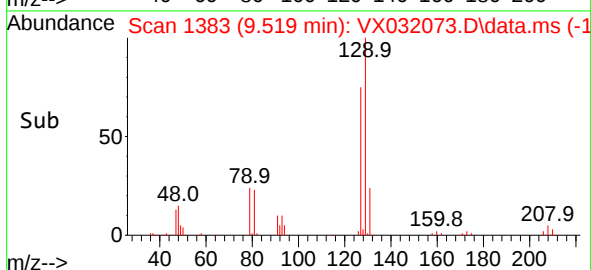
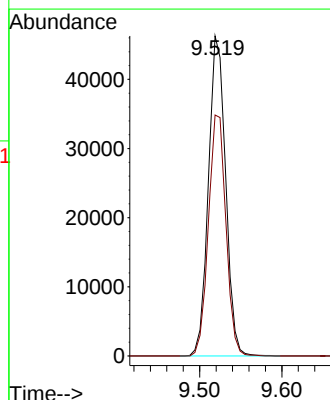
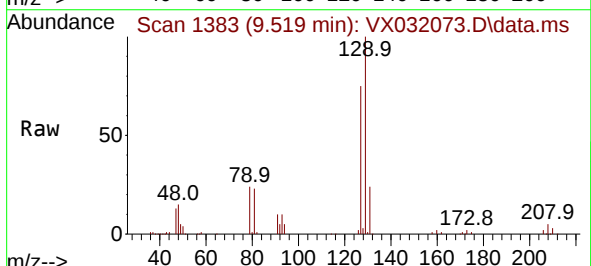
Acq: 12 Oct 2022 10:09

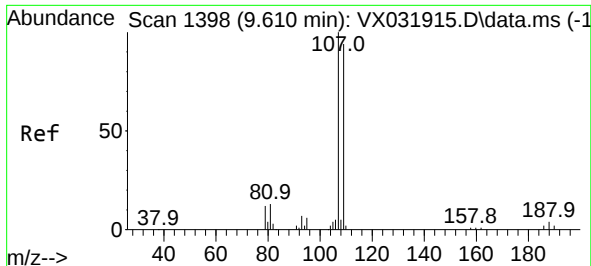
Tgt Ion:129 Resp: 67186

Ion Ratio Lower Upper

129 100

127 76.7 38.7 116.1





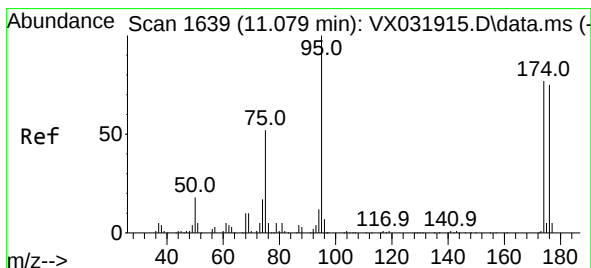
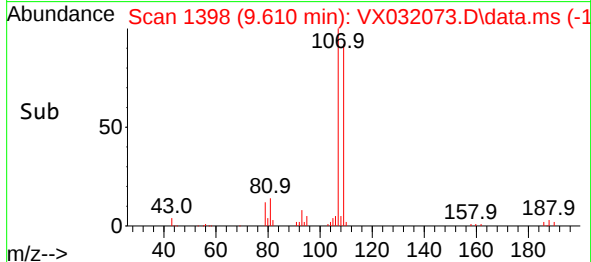
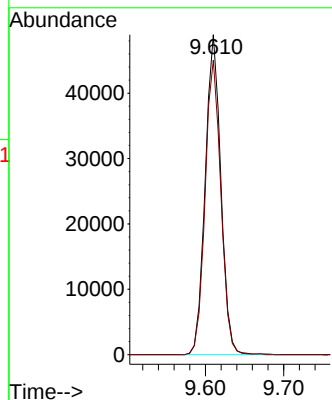
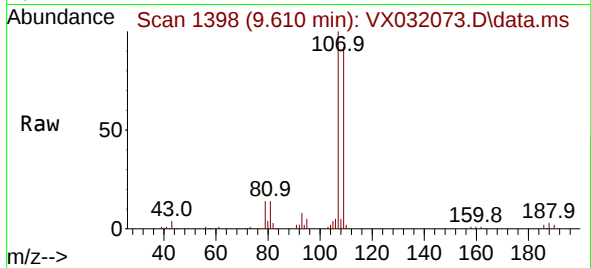
#61
1,2-Dibromoethane
Concen: 53.120 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 67590
Ion Ratio Lower Upper
107 100
109 92.9 74.2 111.4

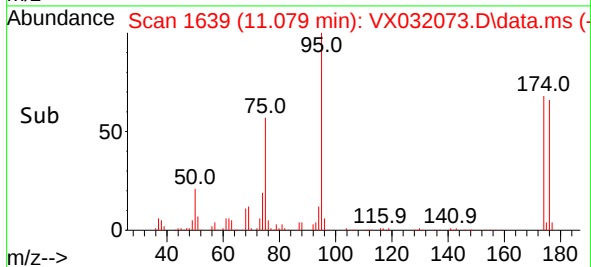
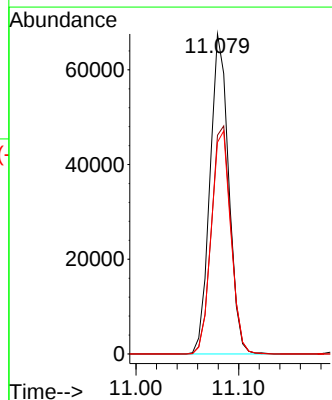
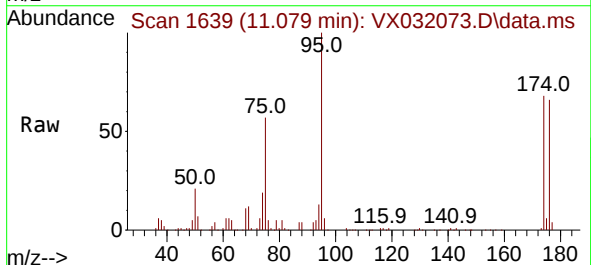
Manual Integrations
APPROVED

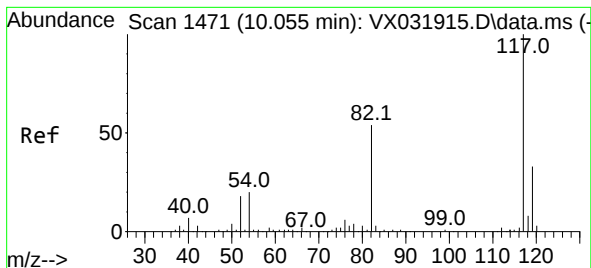
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#62
4-Bromofluorobenzene
Concen: 56.860 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

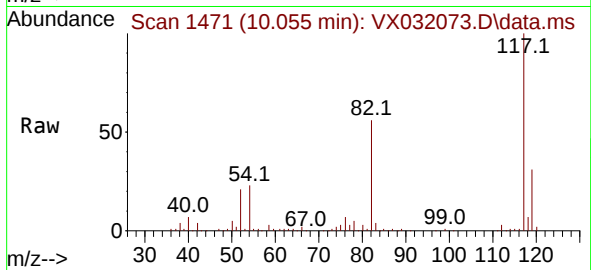
Tgt Ion: 95 Resp: 85417
Ion Ratio Lower Upper
95 100
174 74.3 0.0 153.2
176 72.7 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

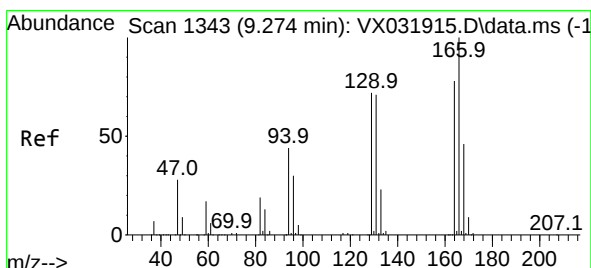
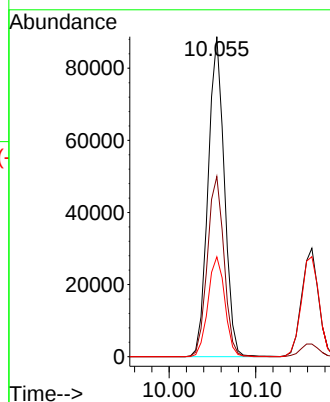
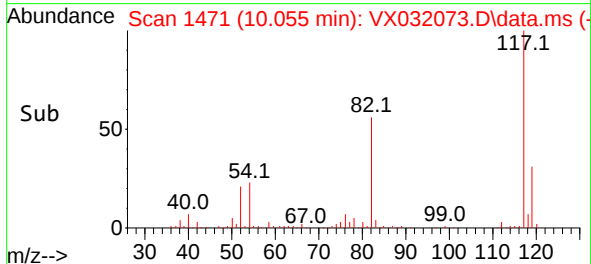
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 11558
Ion Ratio Lower Upper
117 100
82 56.3 46.8 70.2
119 31.2 26.4 39.6

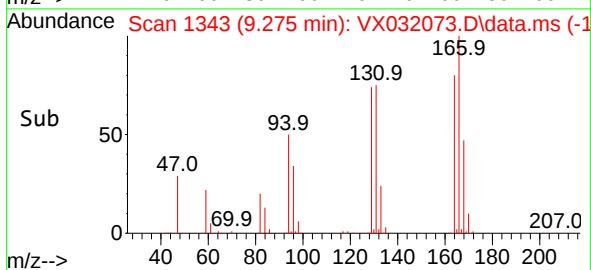
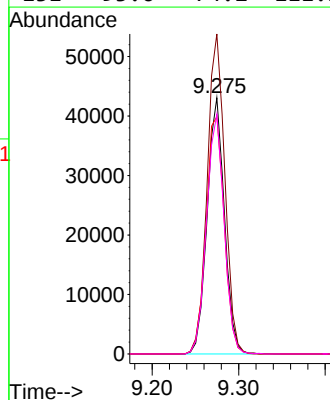
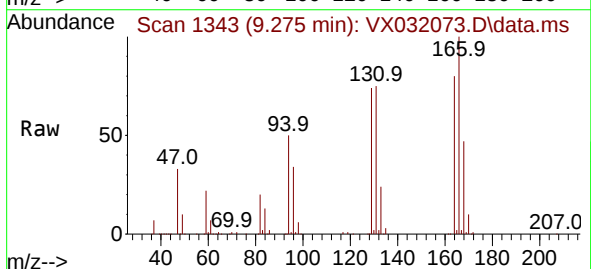
Manual Integrations
APPROVED

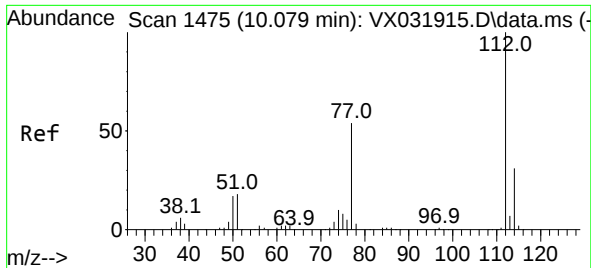
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#64
Tetrachloroethene
Concen: 45.745 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Tgt Ion:164 Resp: 59680
Ion Ratio Lower Upper
164 100
166 124.9 99.0 148.4
129 92.6 78.0 117.0
131 93.6 74.2 111.2





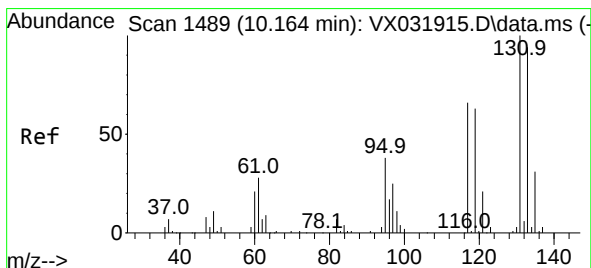
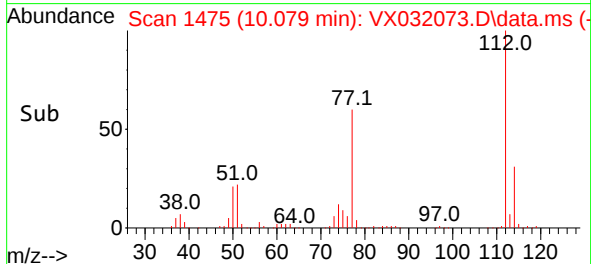
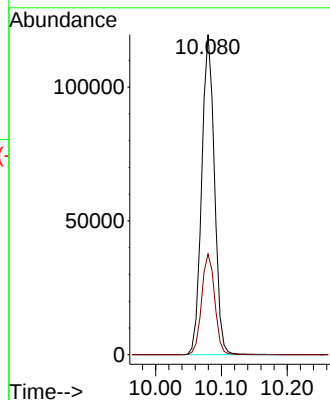
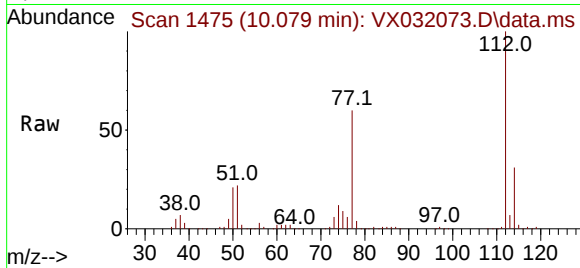
#65
Chlorobenzene
Concen: 46.091 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 161385
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

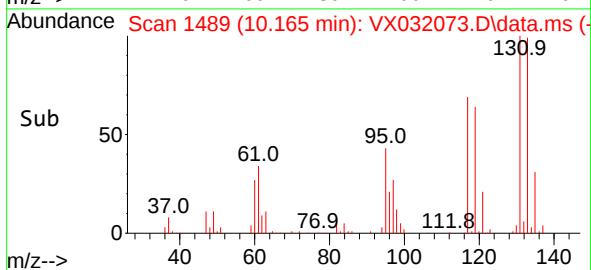
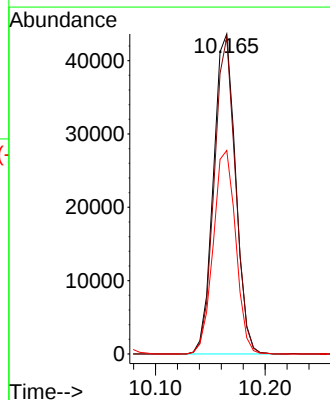
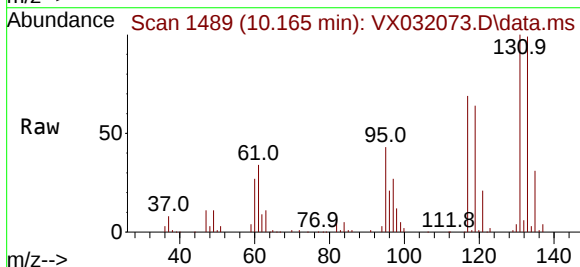
Manual Integrations
APPROVED

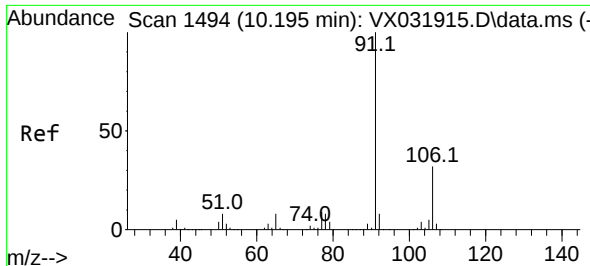
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 50.593 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

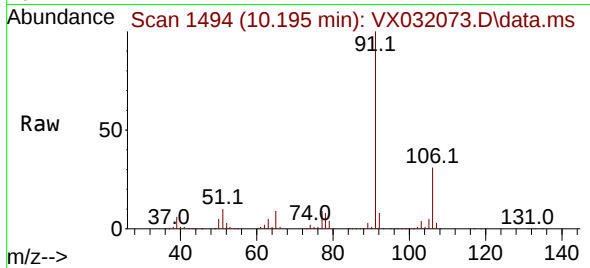
Tgt Ion:131 Resp: 61296
Ion Ratio Lower Upper
131 100
133 94.9 46.6 139.7
119 64.4 31.9 95.9





#67
Ethyl Benzene
Concen: 48.207 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

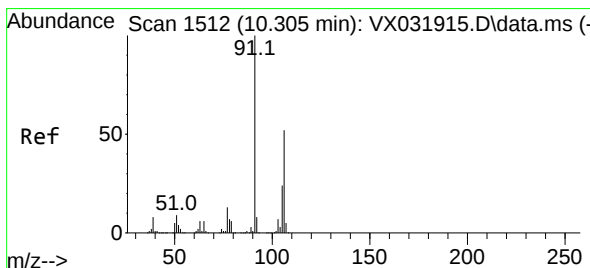
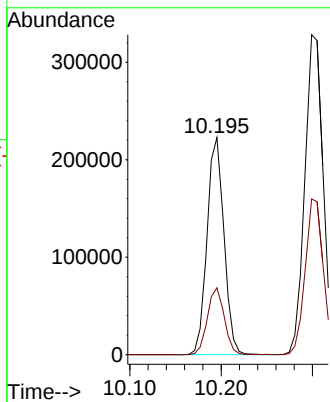
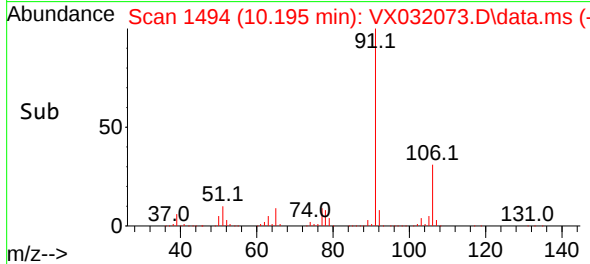
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 285549
Ion Ratio Lower Upper
91 100
106 30.8 25.2 37.8

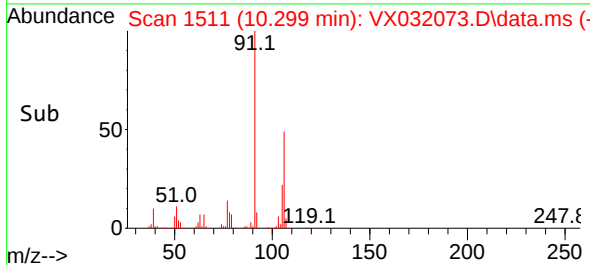
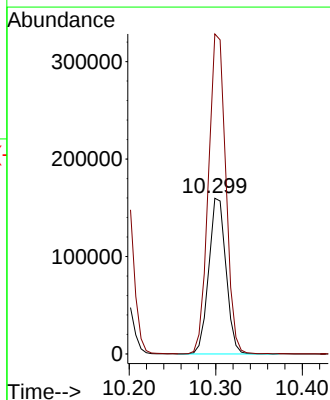
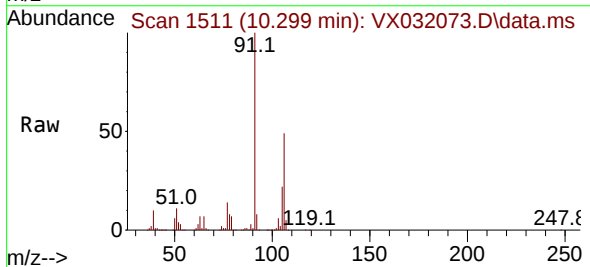
Manual Integrations
APPROVED

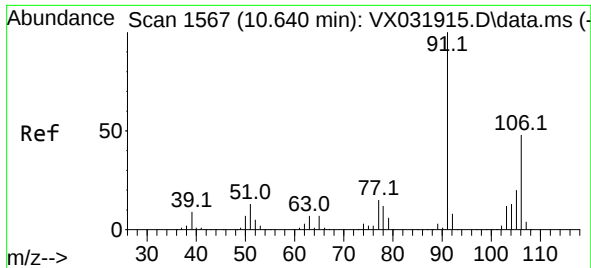
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#68
m/p-Xylenes
Concen: 93.721 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Tgt Ion:106 Resp: 220610
Ion Ratio Lower Upper
106 100
91 207.6 161.0 241.4





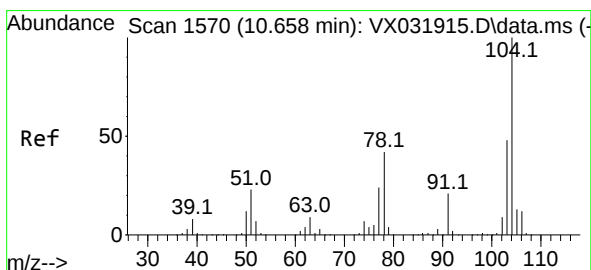
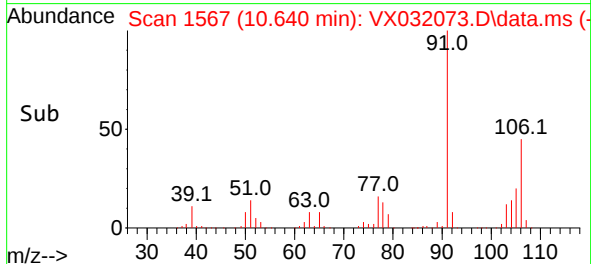
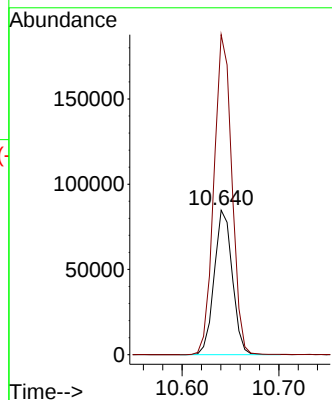
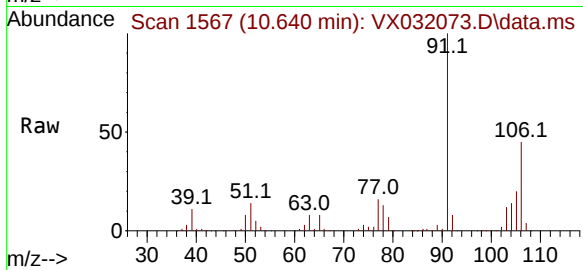
#69
o-Xylene
Concen: 48.136 ug/l
RT: 10.640 min Scan# 11013
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 11013
Ion Ratio Lower Upper
106 100
91 219.5 107.2 321.6

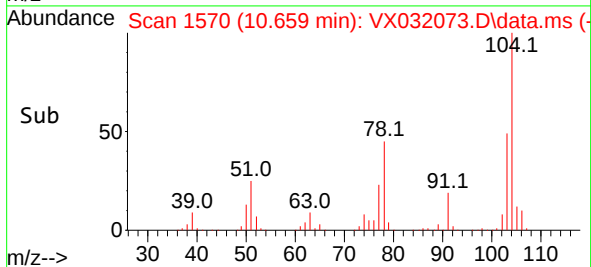
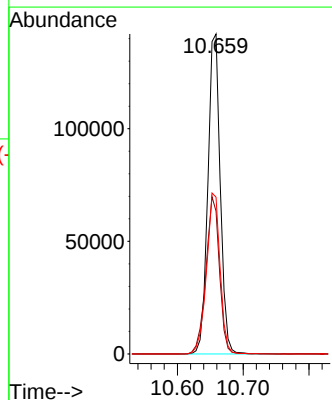
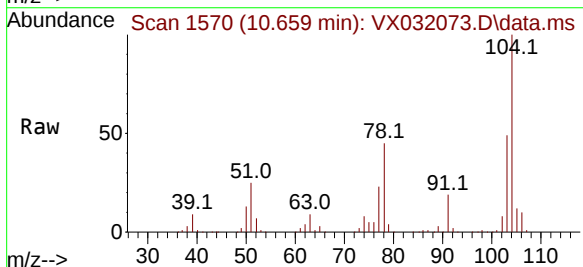
Manual Integrations
APPROVED

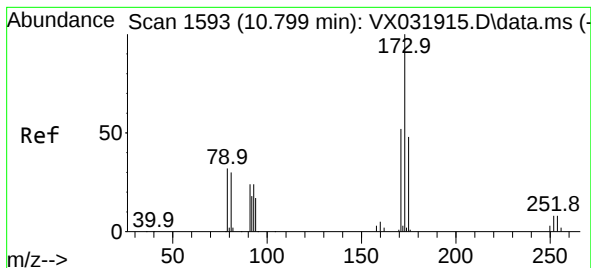
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#70
Styrene
Concen: 51.044 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

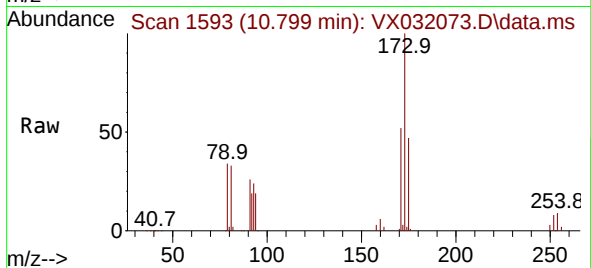
Tgt Ion:104 Resp: 186694
Ion Ratio Lower Upper
104 100
78 53.3 41.4 62.2
103 54.9 43.8 65.8





#71
Bromoform
Concen: 56.301 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

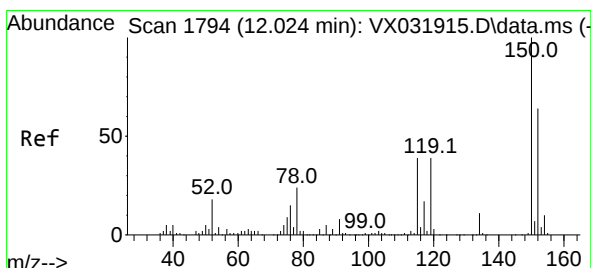
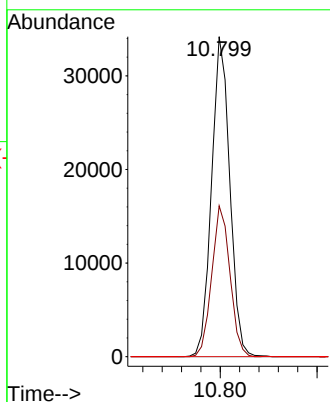
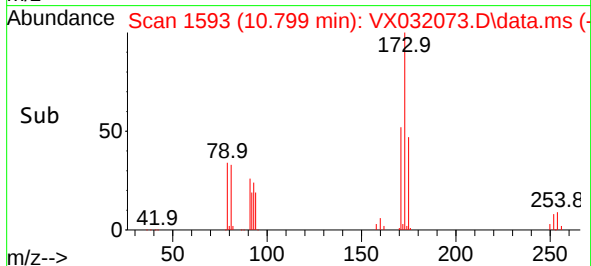
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



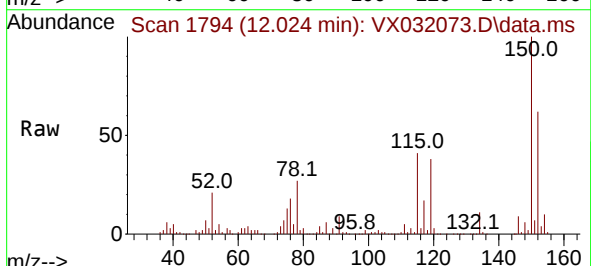
Tgt Ion:173 Resp: 4465
Ion Ratio Lower Upper
173 100
175 47.1 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

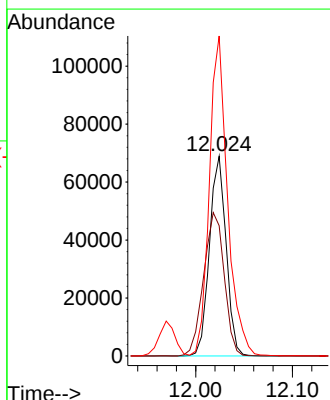
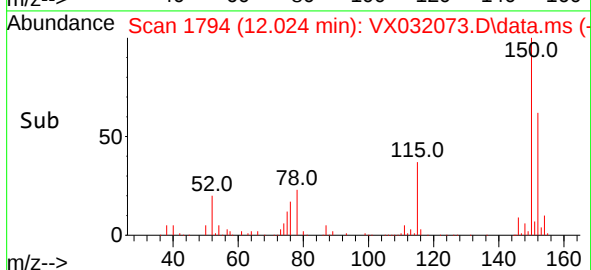
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022

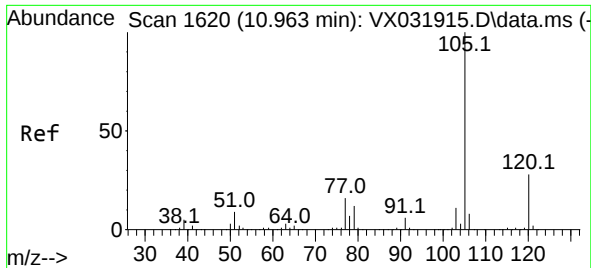


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09



Tgt Ion:152 Resp: 82729
Ion Ratio Lower Upper
152 100
115 88.8 43.4 130.1
150 174.9 0.0 346.8





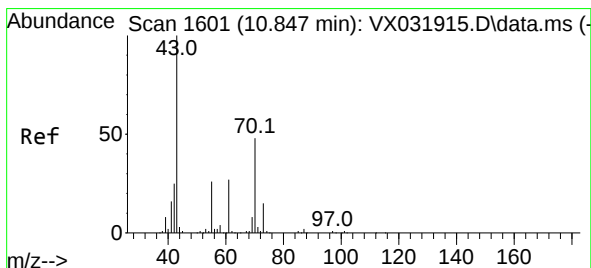
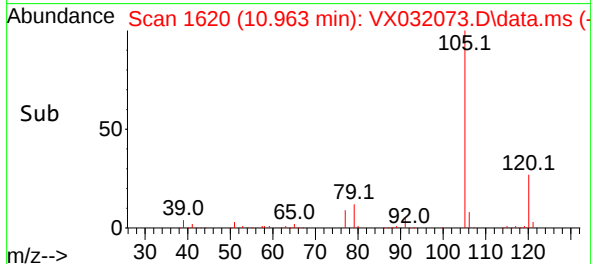
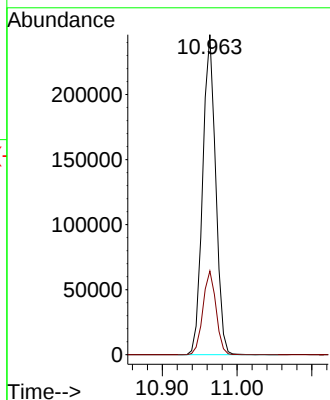
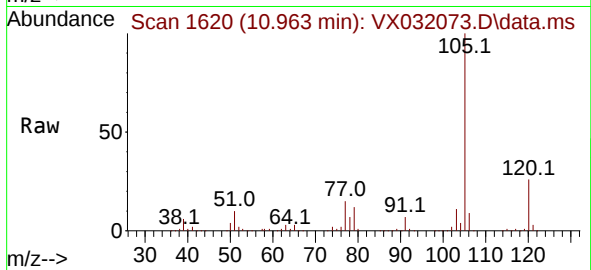
#73
Isopropylbenzene
Concen: 47.550 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 296690
Ion Ratio Lower Upper
105 100
120 26.3 13.7 41.0

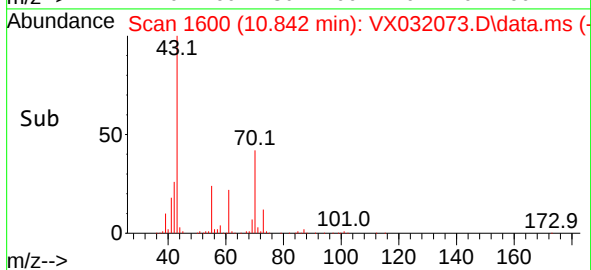
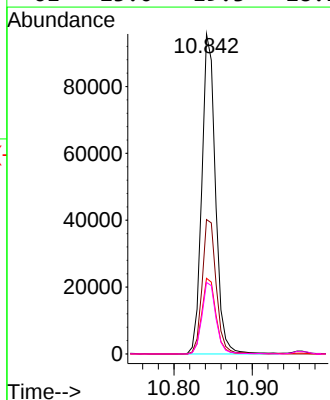
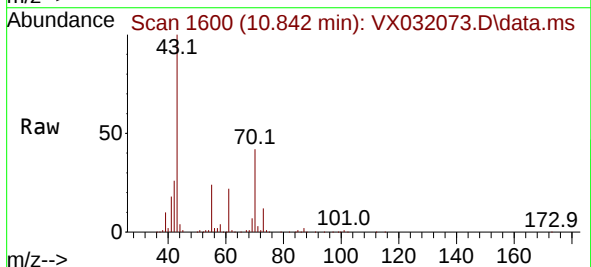
Manual Integrations
APPROVED

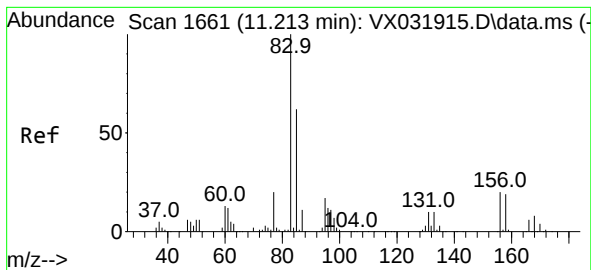
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#74
N-ethyl acetate
Concen: 60.777 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.005 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Tgt Ion: 43 Resp: 115807
Ion Ratio Lower Upper
43 100
70 43.3 33.4 50.2
55 24.6 18.2 27.2
61 23.0 19.3 28.9





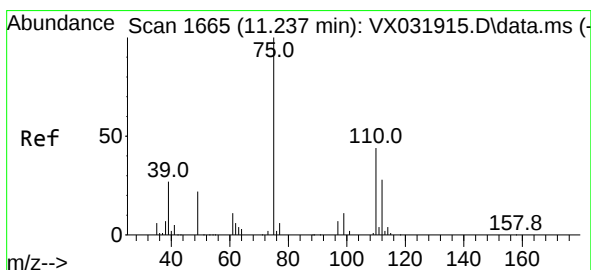
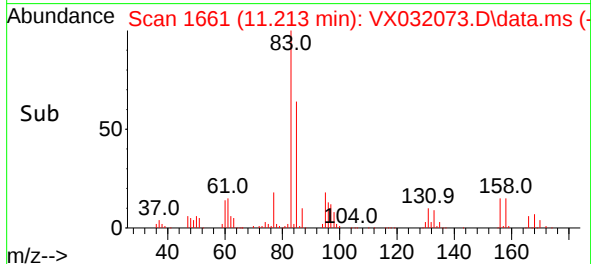
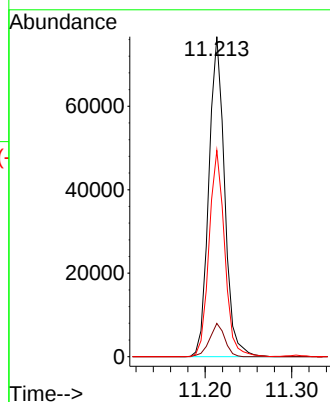
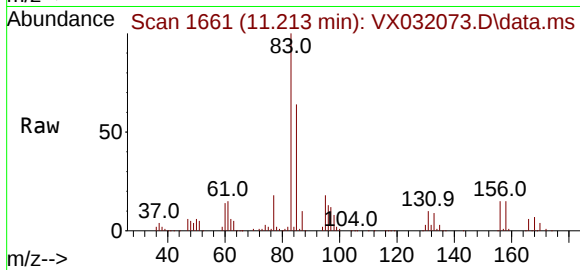
#75
1,1,2,2-Tetrachloroethane
Concen: 48.901 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9694
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.4
85 63.9 32.6 97.8

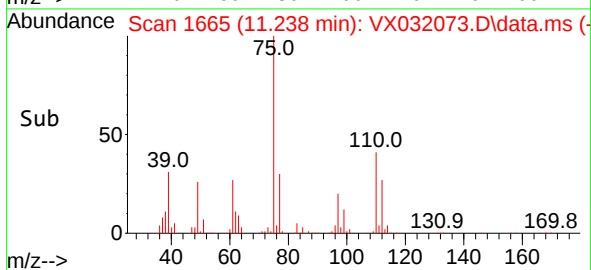
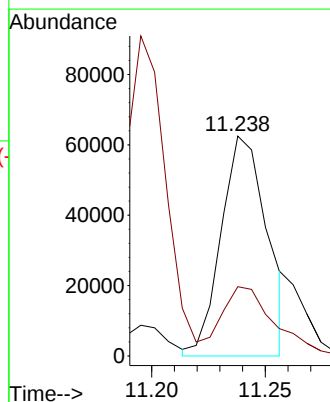
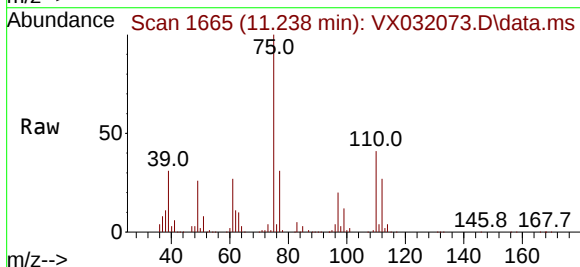
Manual Integrations
APPROVED

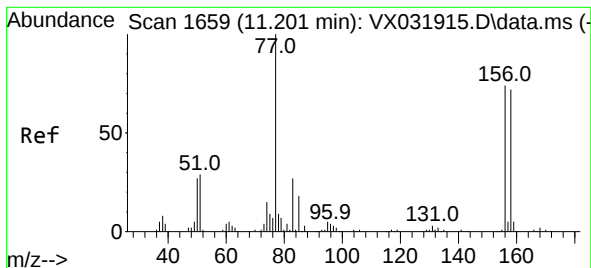
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#76
1,2,3-Trichloropropane
Concen: 51.732 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Tgt Ion: 75 Resp: 87713
Ion Ratio Lower Upper
75 100
77 36.7 20.3 60.9





#77

Bromobenzene

Concen: 45.432 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

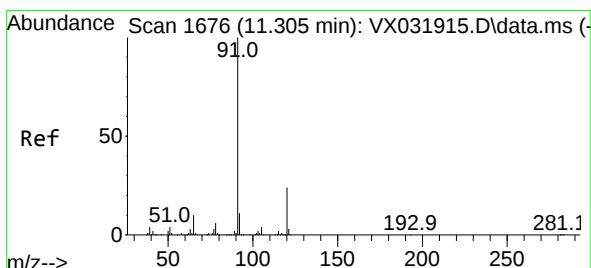
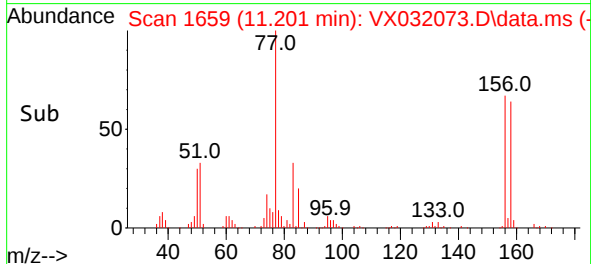
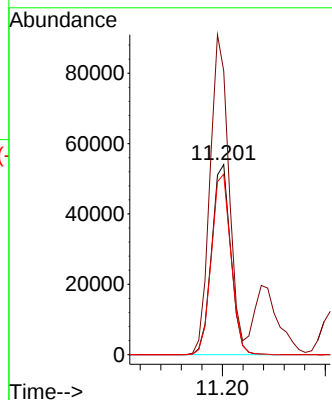
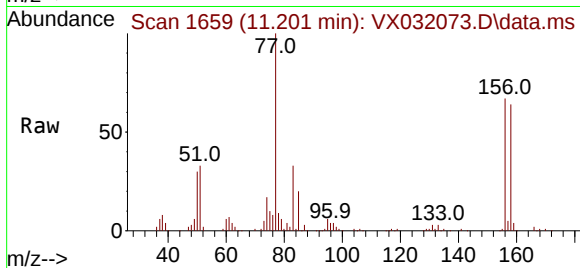
Tgt Ion:	156	Resp:	69829
Ion Ratio	Lower	Upper	
156	100		
77	165.7	79.5	238.6
158	96.5	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#78

n-propylbenzene

Concen: 48.517 ug/l

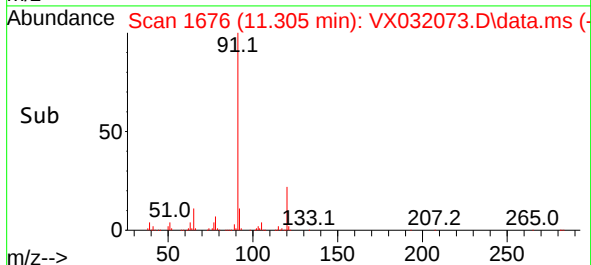
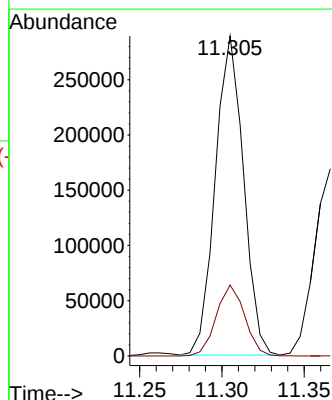
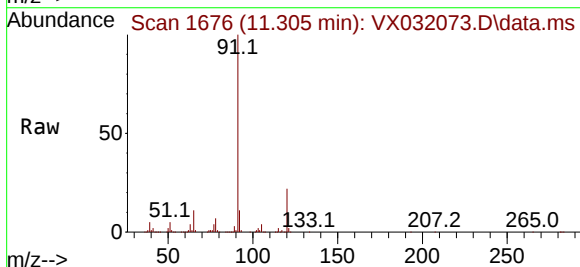
RT: 11.305 min Scan# 1676

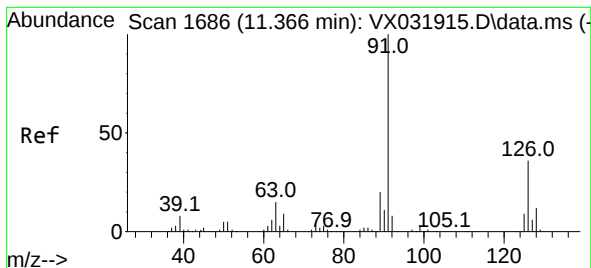
Delta R.T. -0.000 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Tgt Ion:	91	Resp:	344326
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.8	35.4





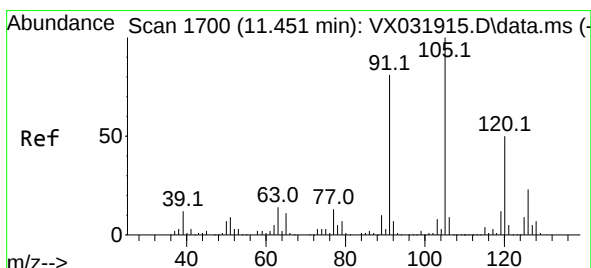
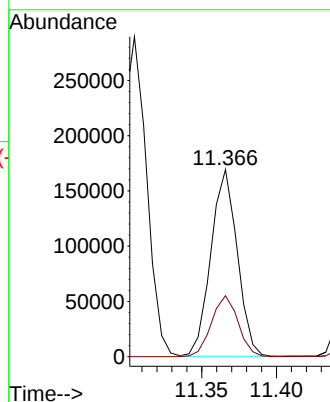
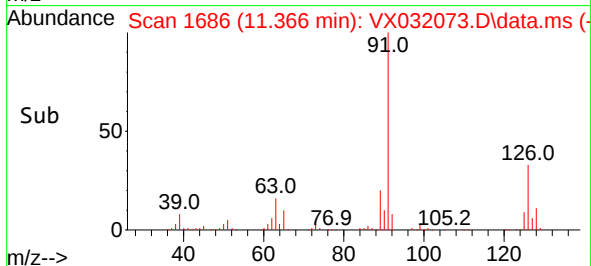
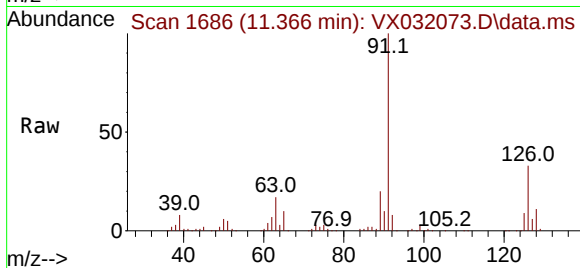
#79
2-Chlorotoluene
Concen: 48.463 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 20698
Ion Ratio Lower Upper
91 100
126 33.0 17.4 52.3

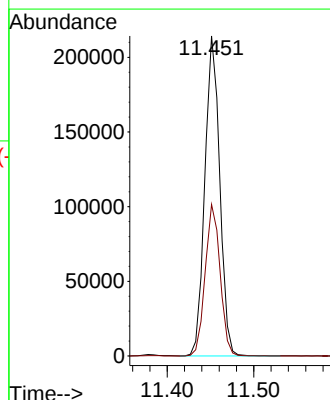
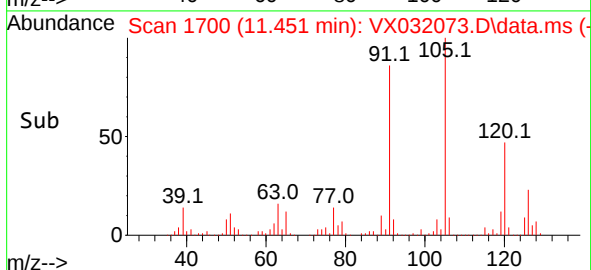
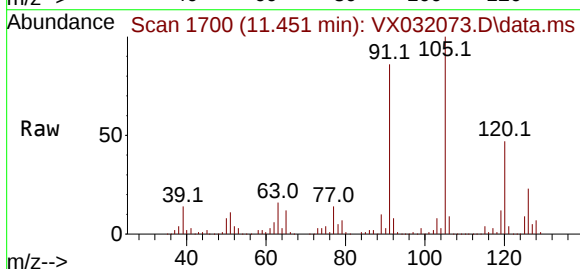
Manual Integrations
APPROVED

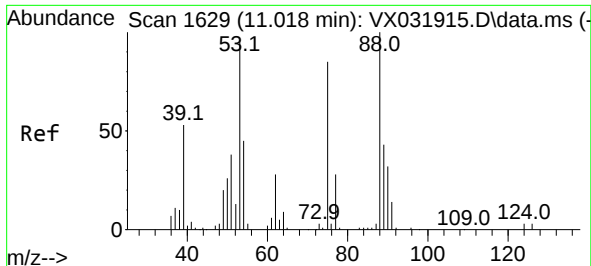
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.420 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Tgt Ion:105 Resp: 255749
Ion Ratio Lower Upper
105 100
120 47.5 24.5 73.5





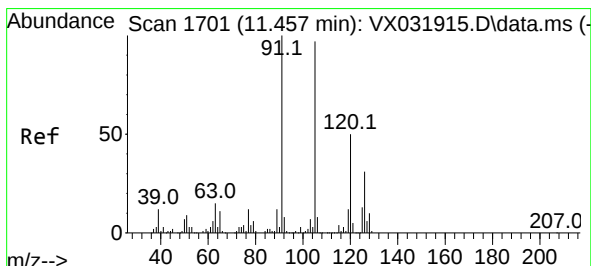
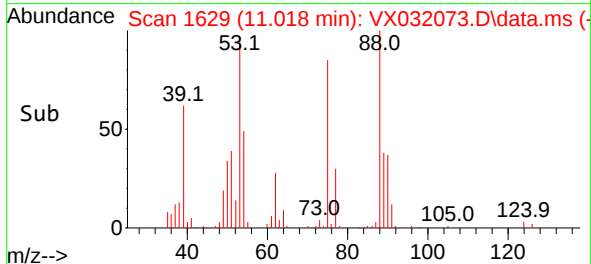
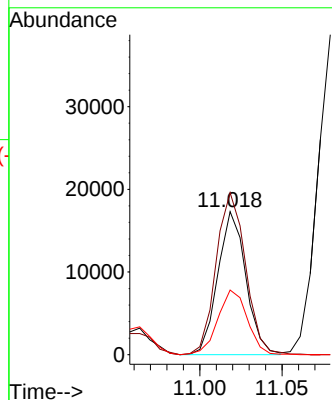
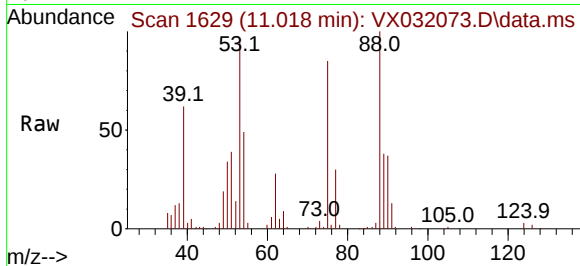
#81
trans-1,4-Dichloro-2-butene
Concen: 43.595 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 20593
Ion Ratio Lower Upper
75 100
53 118.5 77.6 116.4
89 47.4 37.4 56.0

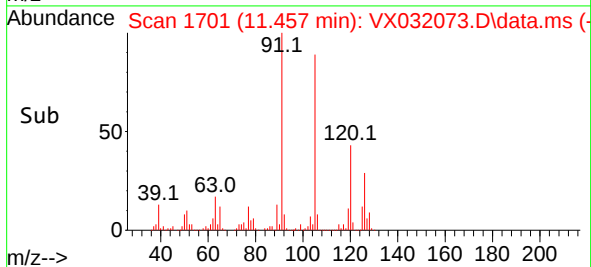
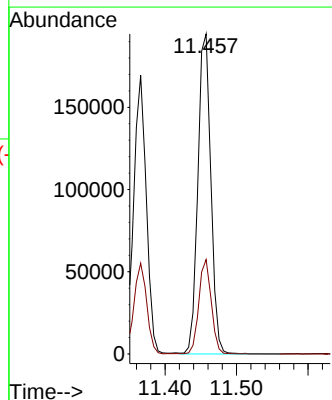
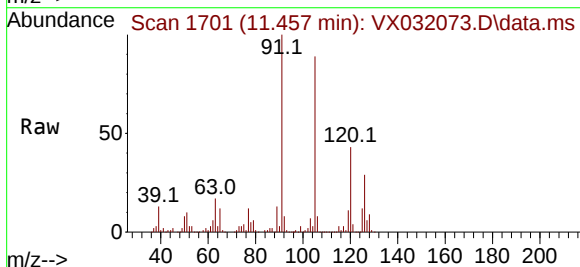
Manual Integrations
APPROVED

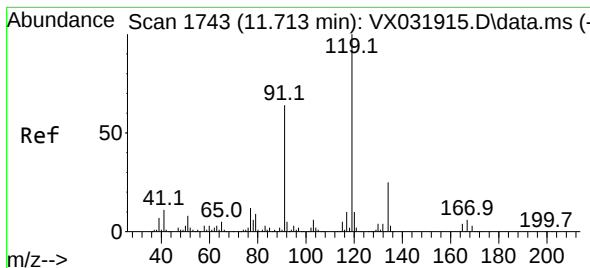
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022



#82
4-Chlorotoluene
Concen: 50.078 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

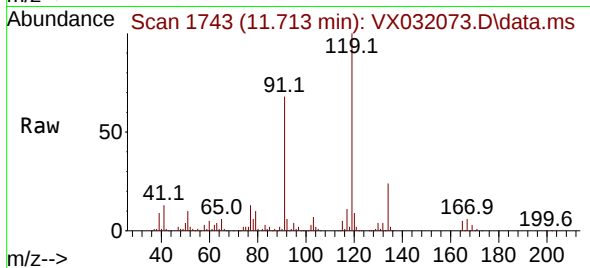
Tgt Ion: 91 Resp: 244945
Ion Ratio Lower Upper
91 100
126 28.4 15.1 45.3





#83
tert-Butylbenzene
Concen: 47.950 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

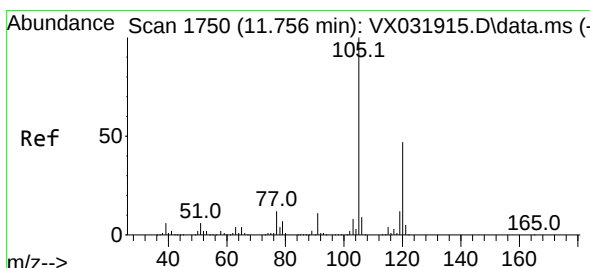
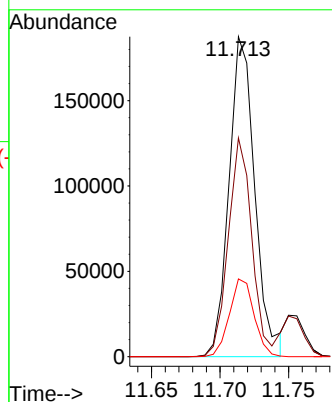
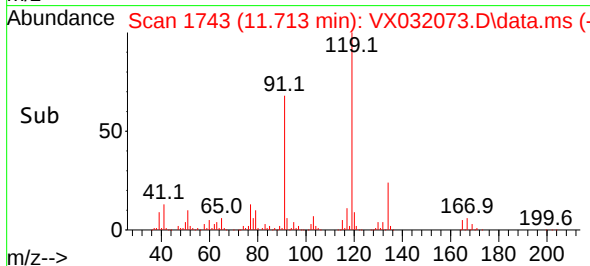
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



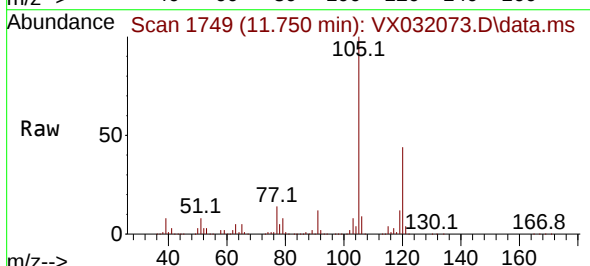
Tgt Ion:119 Resp: 245590
Ion Ratio Lower Upper
119 100
91 62.3 29.2 87.6
134 23.3 11.6 34.8

Manual Integrations
APPROVED

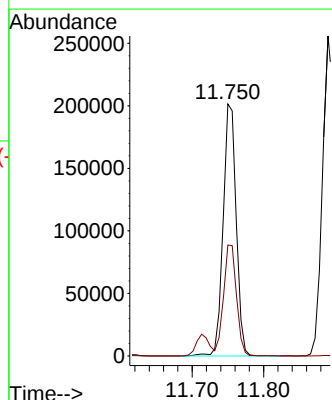
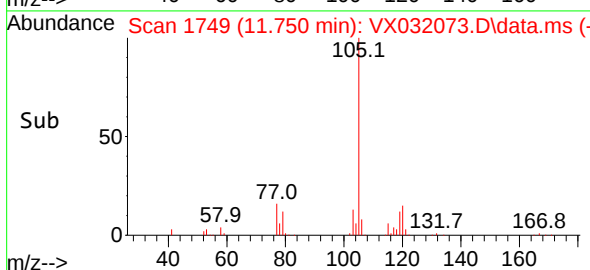
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022

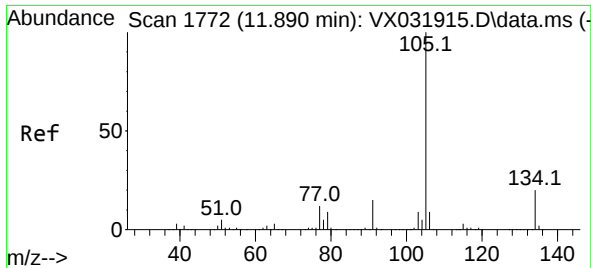


#84
1,2,4-Trimethylbenzene
Concen: 48.638 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09



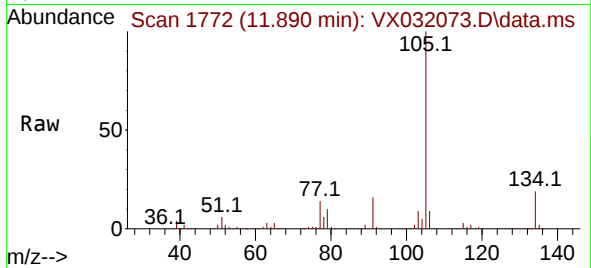
Tgt Ion:105 Resp: 255695
Ion Ratio Lower Upper
105 100
120 43.7 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 49.552 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032073.D
 Acq: 12 Oct 2022 10:09

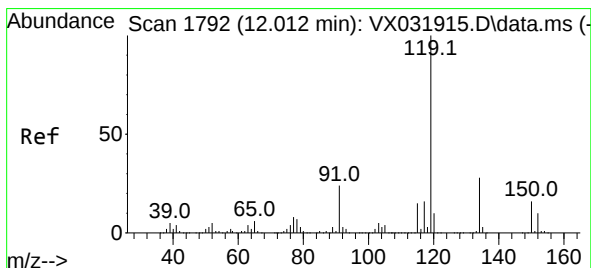
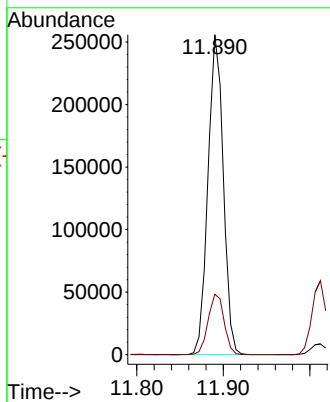
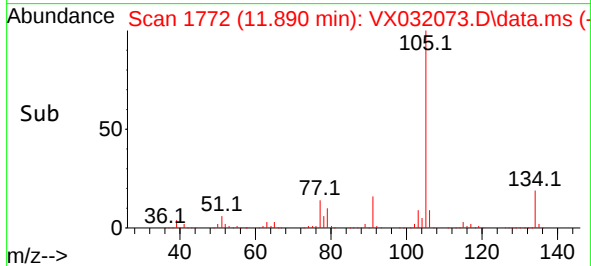
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



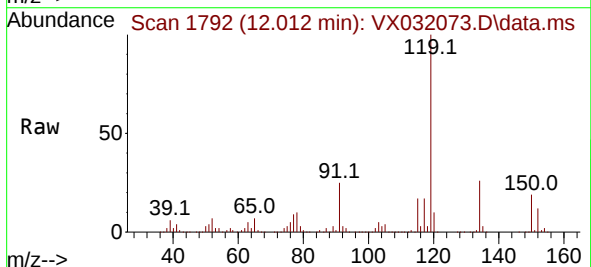
Tgt Ion:105 Resp: 314215
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1

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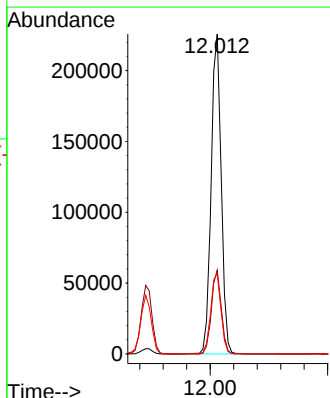
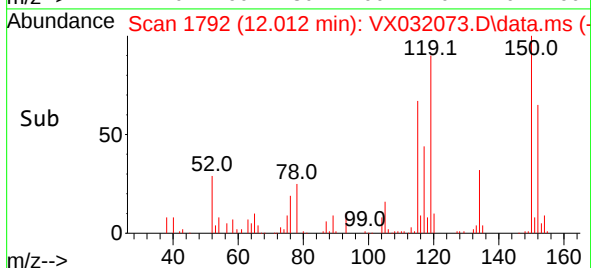
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/13/2022

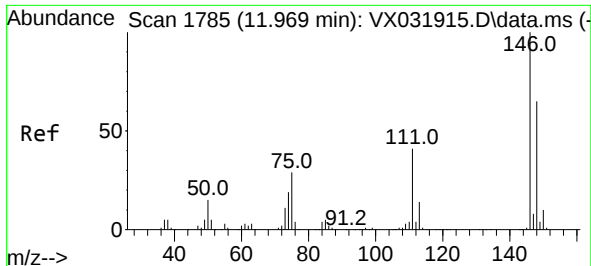


#86
 p-Isopropyltoluene
 Concen: 50.231 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032073.D
 Acq: 12 Oct 2022 10:09



Tgt Ion:119 Resp: 268179
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.4 40.2
 91 25.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.555 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 13624

Ion Ratio Lower Upper

146 100

111 42.5 19.8 59.4

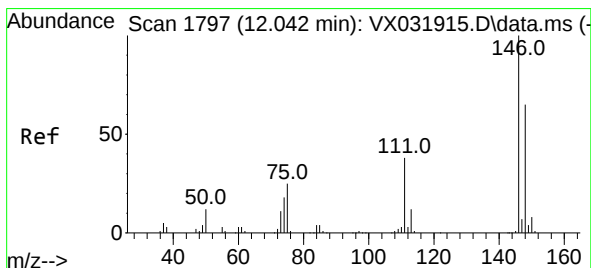
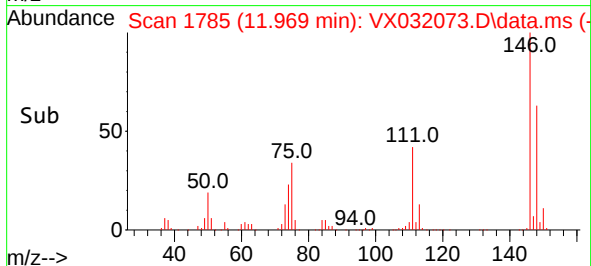
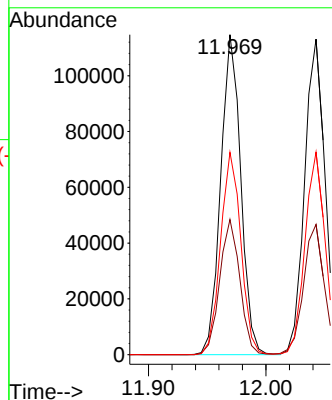
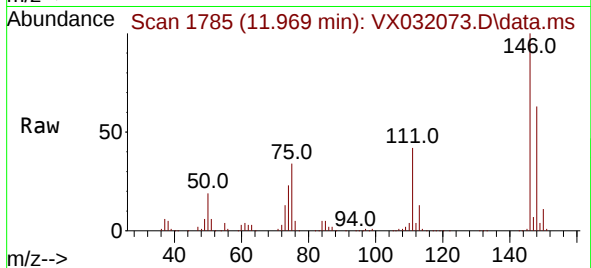
148 64.0 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#88

1,4-Dichlorobenzene

Concen: 45.396 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

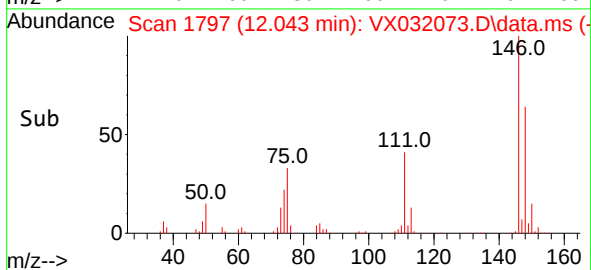
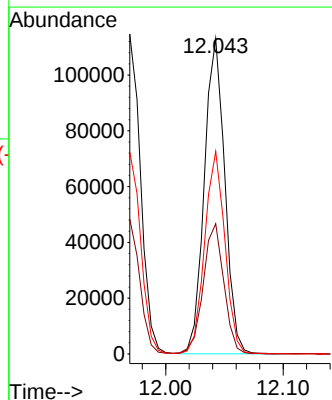
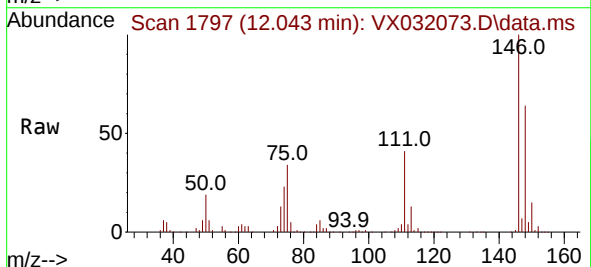
Tgt Ion:146 Resp: 136744

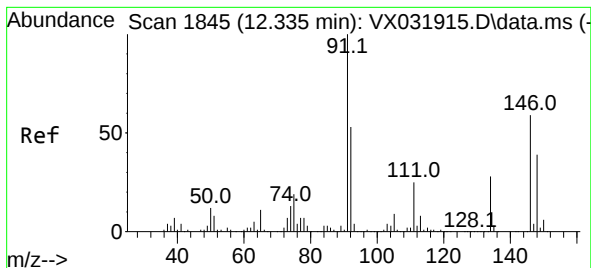
Ion Ratio Lower Upper

146 100

111 41.9 20.5 61.5

148 63.8 32.0 96.2





#89

n-Butylbenzene

Concen: 51.228 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032073.D

Acq: 12 Oct 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 229030

Ion Ratio Lower Upper

91 100

92 53.4 27.0 81.0

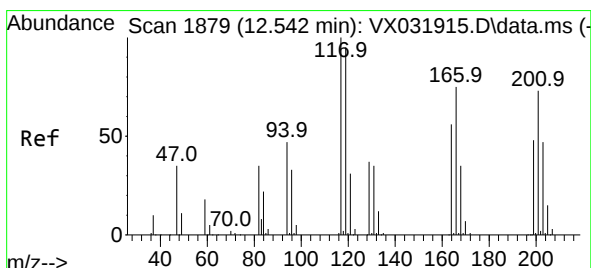
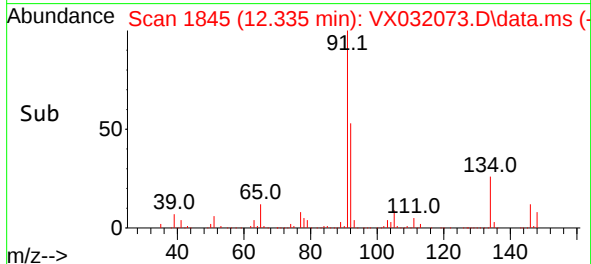
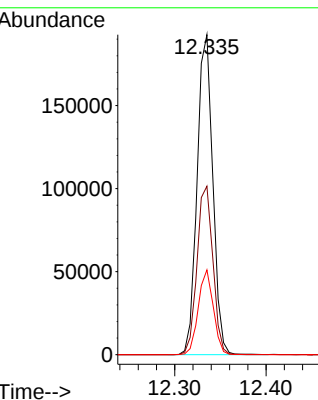
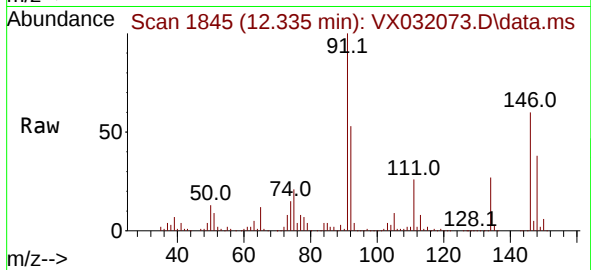
134 25.4 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/13/2022



#90

Hexachloroethane

Concen: 49.893 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX032073.D

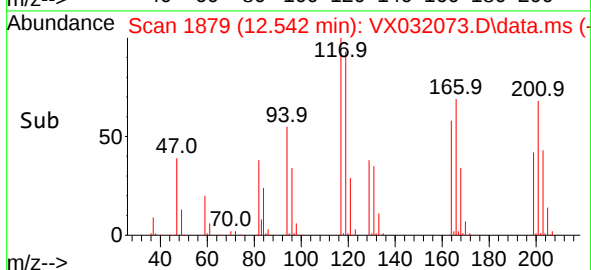
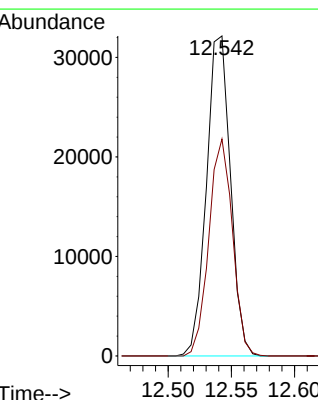
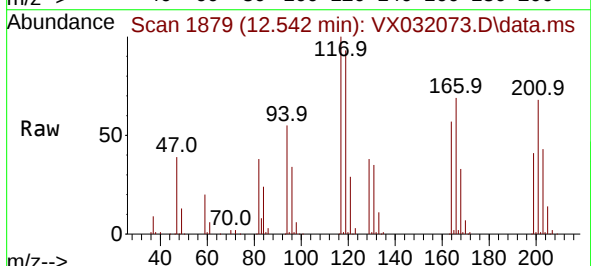
Acq: 12 Oct 2022 10:09

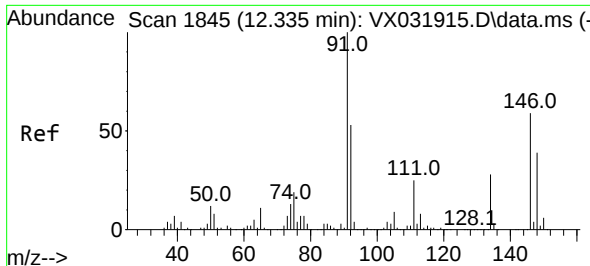
Tgt Ion:117 Resp: 42355

Ion Ratio Lower Upper

117 100

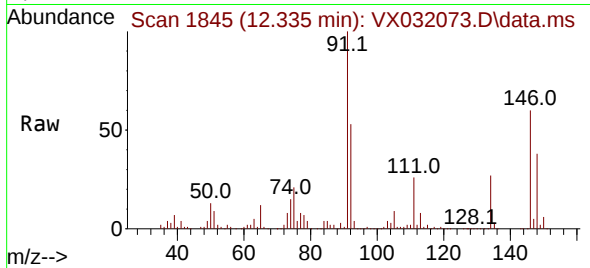
201 66.7 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 47.169 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

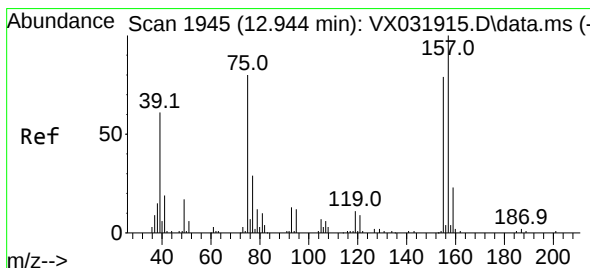
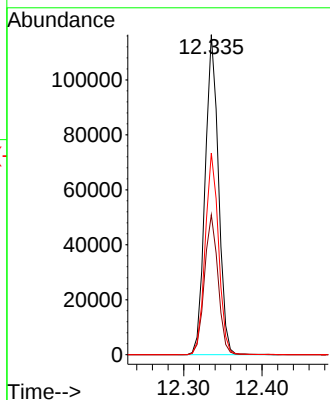
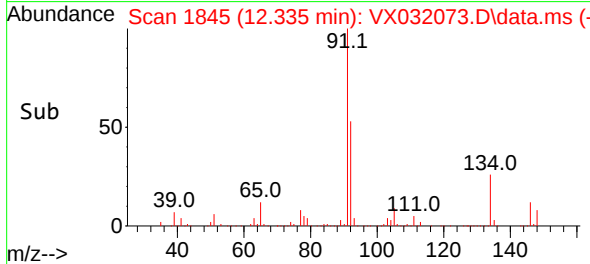
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



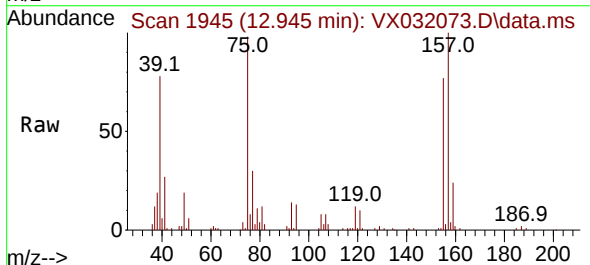
Tgt Ion:146 Resp: 137244
Ion Ratio Lower Upper
146 100
111 44.4 20.6 61.8
148 63.0 31.6 95.0

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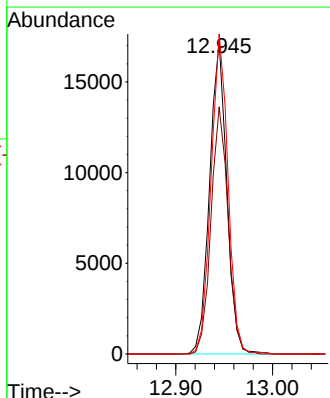
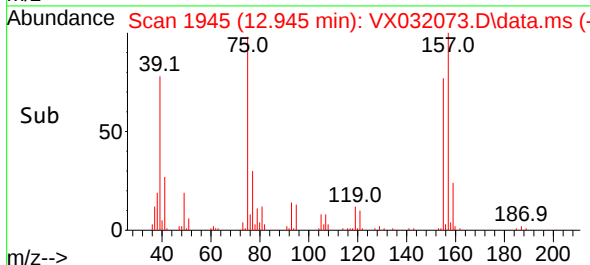
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022

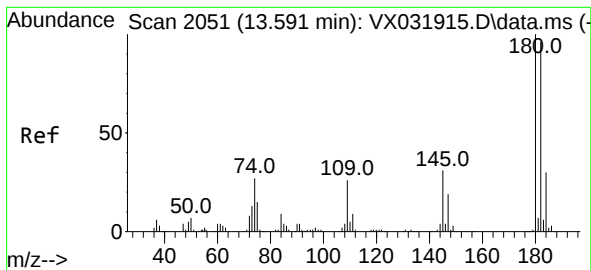


#92
1,2-Dibromo-3-Chloropropane
Concen: 58.646 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09



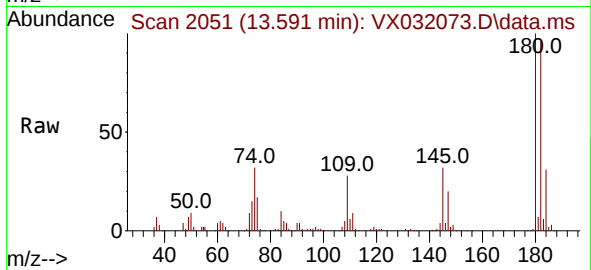
Tgt Ion: 75 Resp: 21282
Ion Ratio Lower Upper
75 100
155 78.3 40.3 120.8
157 101.0 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 48.926 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

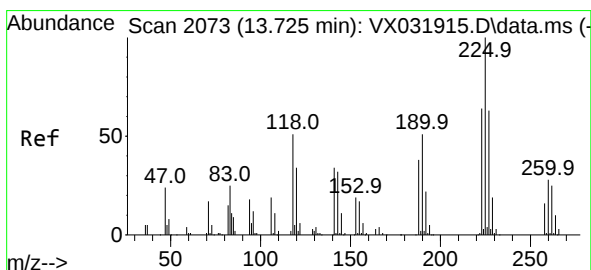
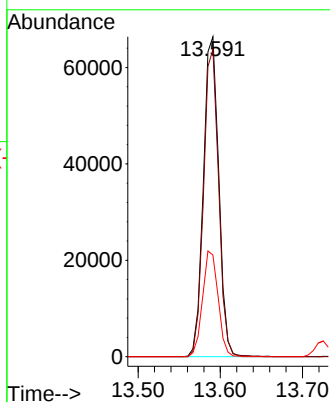
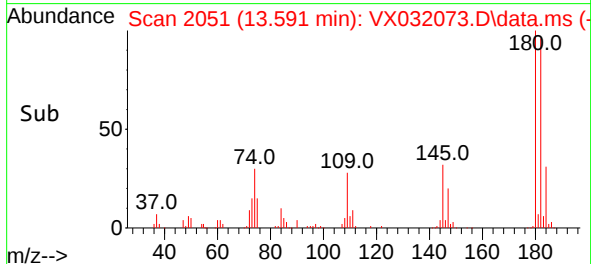
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



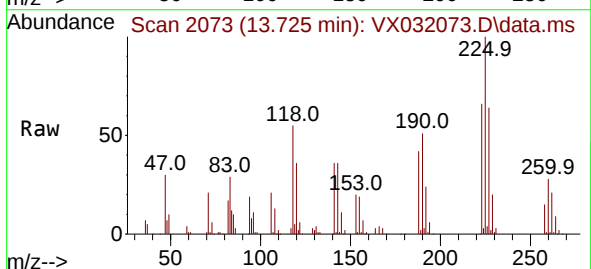
Tgt Ion:180 Resp: 8640
Ion Ratio Lower Upper
180 100
182 93.9 46.9 140.6
145 33.3 16.7 50.1

Manual Integrations
APPROVED

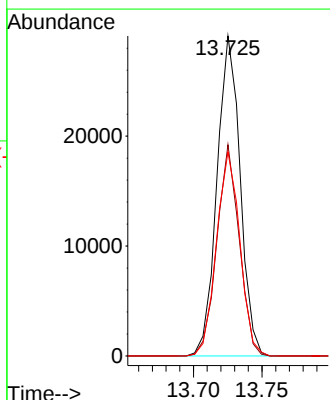
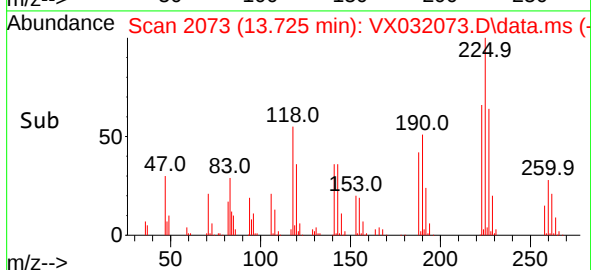
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022

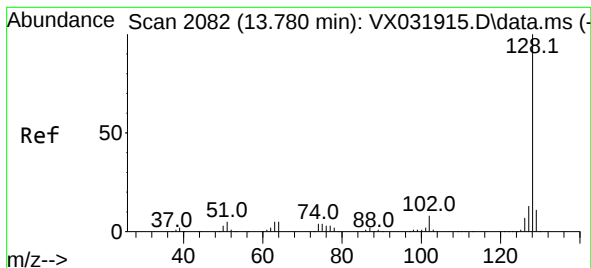


#94
Hexachlorobutadiene
Concen: 47.833 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09



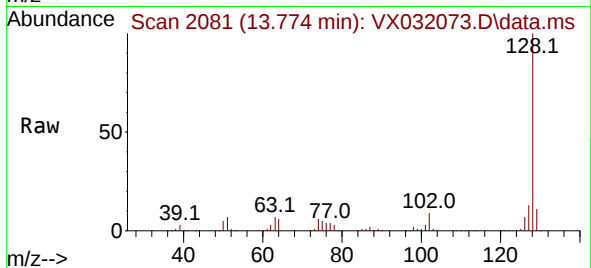
Tgt Ion:225 Resp: 34165
Ion Ratio Lower Upper
225 100
223 63.6 30.8 92.4
227 64.4 32.3 96.9





#95
Naphthalene
Concen: 49.388 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09

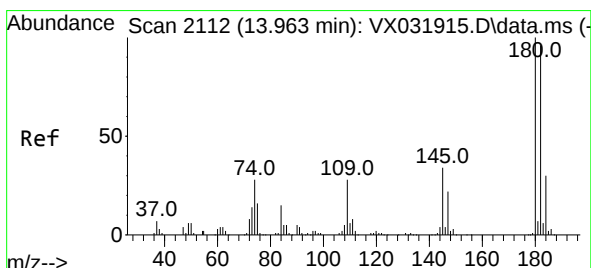
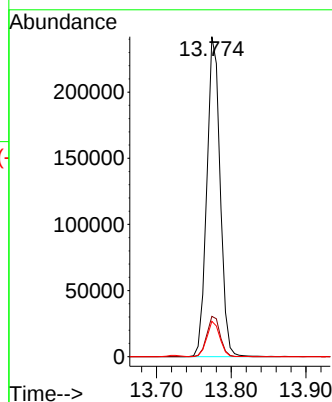
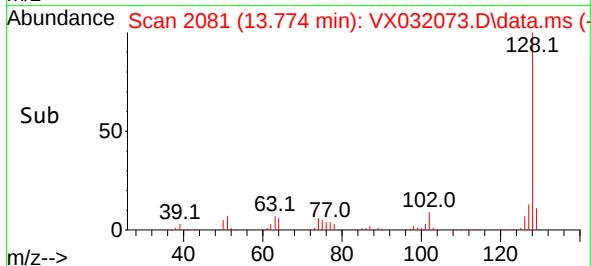
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



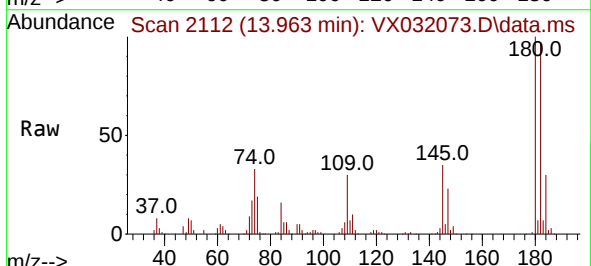
Tgt Ion:128 Resp: 29886
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 48.700 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032073.D
Acq: 12 Oct 2022 10:09



Tgt Ion:180 Resp: 87236
Ion Ratio Lower Upper
180 100
182 94.2 47.9 143.8
145 34.8 17.6 52.8

