

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032748.D
 Acq On : 11 Nov 2022 01:22
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Quant Time: Nov 11 04:56:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 04:46:19 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2022
 Supervised By : Mahesh Dadoda 11/11/2022

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

Internal Standards						
1) Bromochloromethane	4.904	128	12568	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	85314	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	93711	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	35452	35.927	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 119.767%#			
60) 4-Bromofluorobenzene	11.079	95	55166	31.986	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 106.633%			
63) Toluene-d8	8.647	98	96645	21.929	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 73.100%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	55541	84.711	ug/l	96
3) Chloromethane	1.295	50	52579	79.403	ug/l	97
4) Vinyl Chloride	1.374	62	60522	72.061	ug/l	100
5) Bromomethane	1.612	94	51460	67.217	ug/l	99
6) Chloroethane	1.685	64	47657	66.557	ug/l	91
7) Trichlorofluoromethane	1.886	101	117269	67.581	ug/l	98
8) Diethyl Ether	2.130	74	37762	65.592	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.331	101	62429	73.051	ug/l	98
10) 1,1-Dichloroethene	2.319	96	58908	74.070	ug/l	89
11) Methyl Iodide	2.453	142	67965	78.128	ug/l	98
12) Methyl Acetate	2.703	43	86250	86.880	ug/l #	86
13) Acrolein	2.240	56	57808	557.138	ug/l	97
14) Acrylonitrile	3.063	53	155636	395.511	ug/l	99
15) Acetone	2.386	58	40178	380.183	ug/l	80
16) Carbon Disulfide	2.514	76	147102	80.916	ug/l	97
17) Allyl chloride	2.666	41	94294	90.179	ug/l	88
18) Methylene Chloride	2.788	84	65370	71.820	ug/l	90
19) trans-1,2-Dichloroethene	3.093	96	64885	71.790	ug/l #	83
20) Diisopropyl ether	3.758	45	215061	90.921	ug/l #	93
21) 1,1-Dichloroethane	3.611	63	118686	79.574	ug/l	95
22) cis-1,2-Dichloroethene	4.489	96	77031	71.222	ug/l	88
23) tert-Butyl Alcohol	2.977	59	55654	385.718	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	210884	76.842	ug/l #	91
25) Chloroform	5.093	83	133222	75.994	ug/l	98
26) Cyclohexane	5.471	56	105080	84.773	ug/l #	84
29) 1,1-Dichloropropene	5.696	75	95278	66.650	ug/l	97
30) 2-Butanone	4.556	43	220334	368.855	ug/l #	90
31) 2,2-Dichloropropane	4.477	77	81222	58.650	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	121300	64.696	ug/l	94
33) Carbon Tetrachloride	5.678	117	107884	63.648	ug/l	98
34) Benzene	6.038	78	268079	64.269	ug/l #	97
35) Methacrylonitrile	4.922	41	50850	79.279	ug/l	93
36) 1,2-Dichloroethane	6.086	62	111846	72.911	ug/l #	91
37) Trichloroethene	7.129	130	75537	56.917	ug/l	98
38) Methylcyclohexane	7.379	83	107762	62.826	ug/l	89
39) 1,2-Dichloropropane	7.428	63	68647	70.053	ug/l	96
40) Dibromomethane	7.580	93	51836	62.781	ug/l	98
41) Bromodichloromethane	7.824	83	100514	66.192	ug/l	98
42) Vinyl Acetate	3.721	43	871678	395.829	ug/l #	91

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 MSVOA_X
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 VSTDICC050

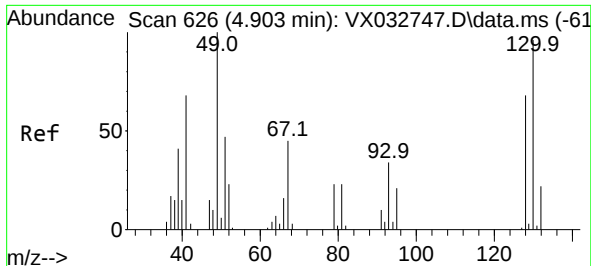
Manual Integrations
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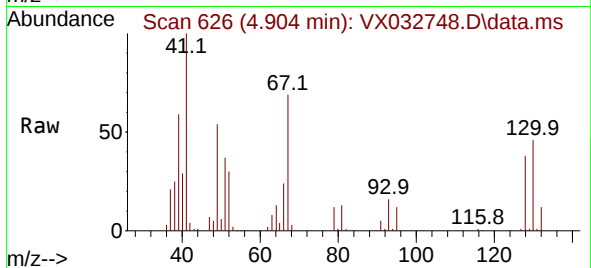
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	89887	74.206	ug/l #	87
44) Isopropyl Acetate	6.342	43	154101	79.287	ug/l	93
45) 1,4-Dioxane	7.690	88	29220	1181.229	ug/l #	86
46) Methyl methacrylate	7.690	41	77863	84.002	ug/l	82
47) n-amyl Acetate	10.842	43	142758	84.267	ug/l	94
48) t-1,3-Dichloropropene	8.976	75	105345	69.684	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	110285	67.226	ug/l #	89
50) 1,1,2-Trichloroethane	9.153	97	72315	61.566	ug/l	97
51) Ethyl methacrylate	9.116	69	111066	70.350	ug/l	81
52) 1,3-Dichloropropane	9.311	76	117222	63.756	ug/l	100
53) Dibromochloromethane	9.525	129	80885	61.534	ug/l	99
54) 1,2-Dibromoethane	9.610	107	79162	61.069	ug/l	100
55) 2-Chloroethyl vinyl ether	8.245	63	258543	338.057	ug/l #	93
56) Bromoform	10.799	173	57453	59.633	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	472112	347.198	ug/l #	92
59) 2-Hexanone	9.433	43	353059	348.109	ug/l	92
61) Tetrachloroethene	9.275	164	66235	45.221	ug/l	96
62) Toluene	8.720	91	308475	56.357	ug/l	97
64) Chlorobenzene	10.080	112	193438	52.855	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	74969	53.554	ug/l	99
66) Ethyl Benzene	10.195	91	352041	57.294	ug/l	97
67) m/p-Xylenes	10.299	106	274777	109.170	ug/l	89
68) o-Xylene	10.640	106	135707	54.770	ug/l	91
69) Styrene	10.653	104	226435	56.050	ug/l	94
70) Isopropylbenzene	10.964	105	362525	56.122	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.214	83	108956	58.260	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	87657m	53.890	ug/l	
73) Bromobenzene	11.201	156	87248	50.963	ug/l	88
74) n-propylbenzene	11.305	91	418195	58.528	ug/l	95
75) 2-Chlorotoluene	11.366	91	247882	57.581	ug/l	94
76) 1,3,5-Trimethylbenzene	11.451	105	307863	56.575	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	30178	62.654	ug/l	97
78) 4-Chlorotoluene	11.457	91	288392	58.764	ug/l	93
79) tert-butylbenzene	11.713	119	296154	54.529	ug/l	94
80) 1,2,4-Trimethylbenzene	11.750	105	304075	56.348	ug/l	95
81) sec-Butylbenzene	11.890	105	364617	54.943	ug/l	95
82) p-Isopropyltoluene	12.012	119	309040	53.440	ug/l	95
83) 1,3-Dichlorobenzene	11.969	146	162255	50.273	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	164162	49.972	ug/l	98
85) n-Butylbenzene	12.335	91	259856	56.931	ug/l	95
86) Hexachloroethane	12.536	117	50563	54.800	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	161426	50.302	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	12.945	75	24011	63.838	ug/l #	81
89) 1,2,4-Trichlorobenzene	13.585	180	99272	47.689	ug/l	100
90) Hexachlorobutadiene	13.725	225	39555	47.109	ug/l	98
91) Naphthalene	13.774	128	337534	50.938	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	99422	47.939	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

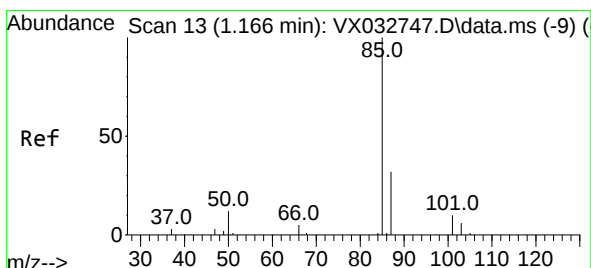
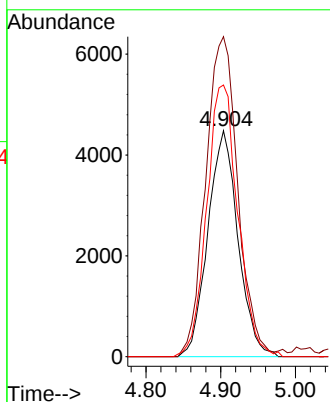
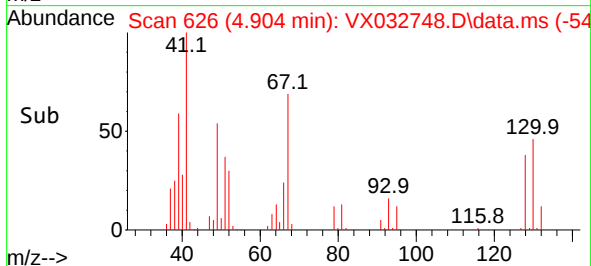
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



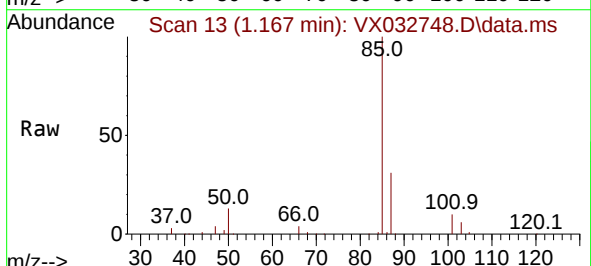
Tgt Ion:128 Resp: 1256
Ion Ratio Lower Upper
128 100
49 150.7 0.0 293.0
130 124.3 0.0 321.5

Manual Integrations
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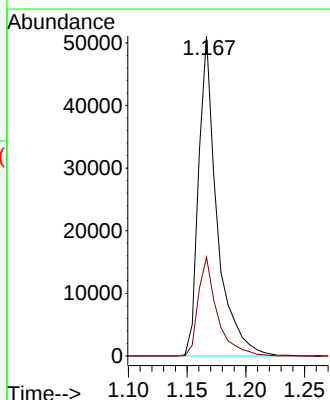
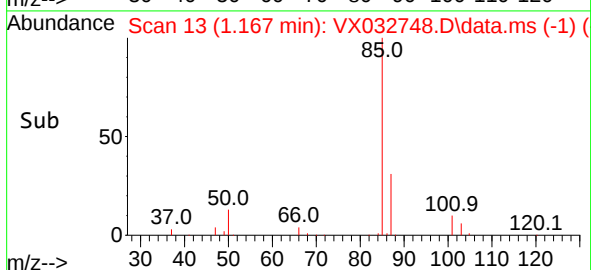
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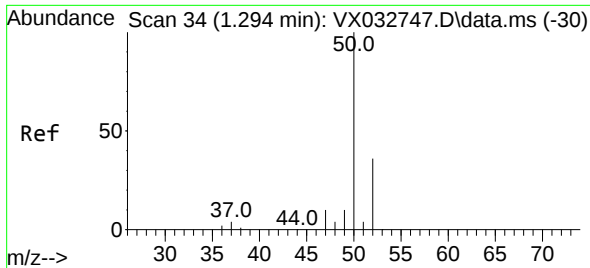


#2
Dichlorodifluoromethane
Concen: 84.711 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22



Tgt Ion: 85 Resp: 55541
Ion Ratio Lower Upper
85 100
87 30.8 16.5 49.5





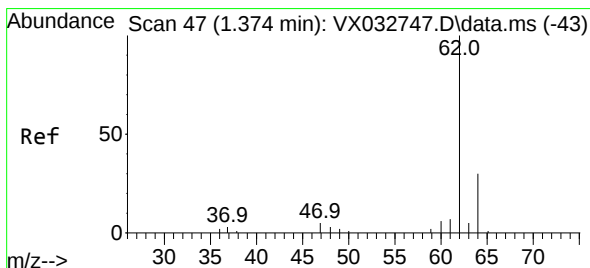
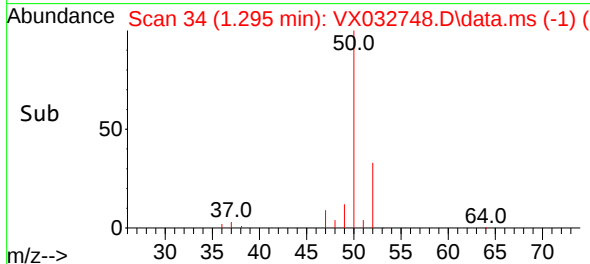
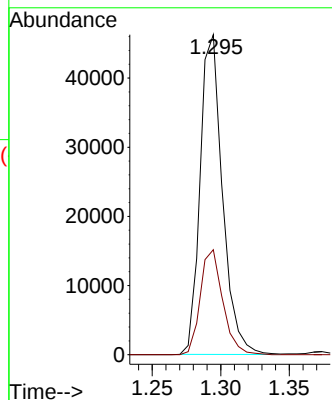
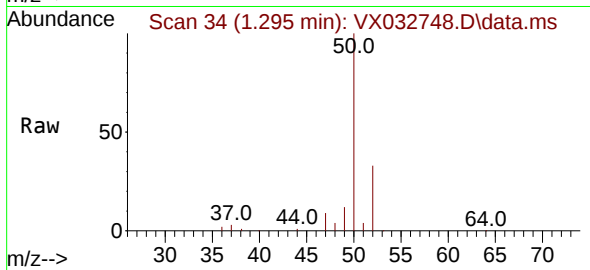
#3
Chloromethane
Concen: 79.403 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 50 Resp: 52579
Ion Ratio Lower Upper
50 100
52 32.9 27.6 41.4

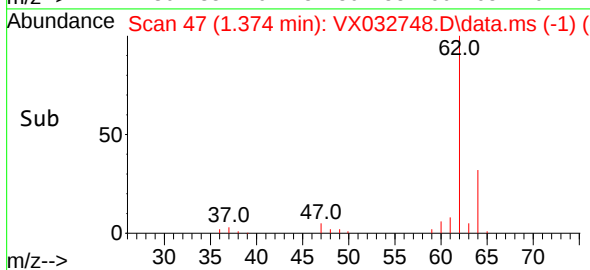
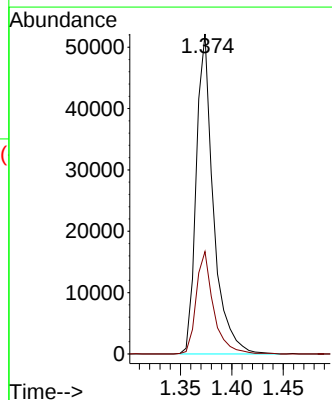
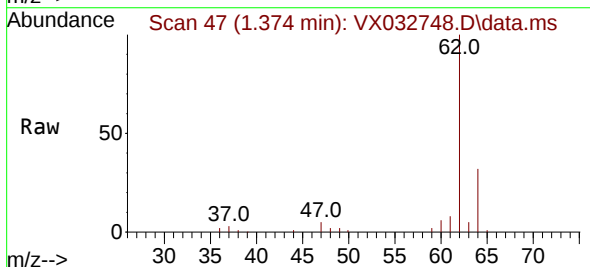
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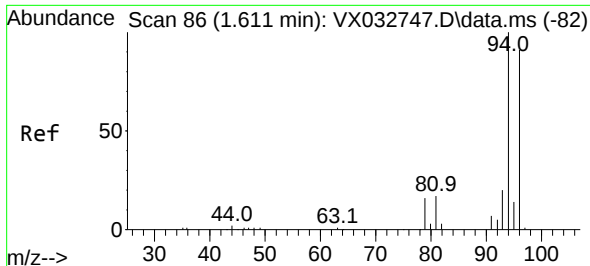
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#4
Vinyl Chloride
Concen: 72.061 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Tgt Ion: 62 Resp: 60522
Ion Ratio Lower Upper
62 100
64 32.0 25.7 38.5





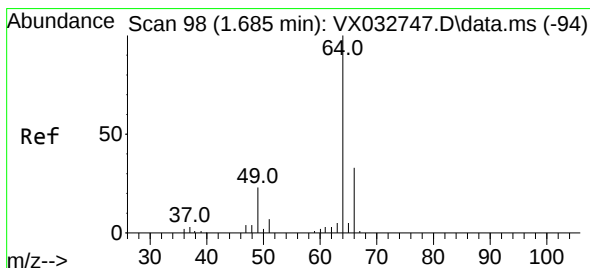
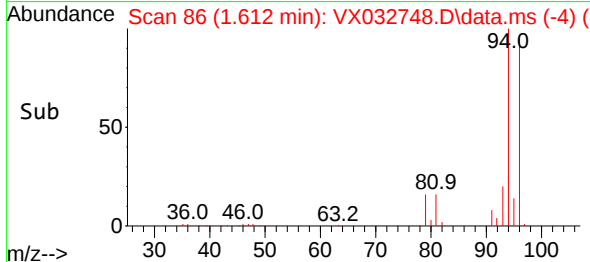
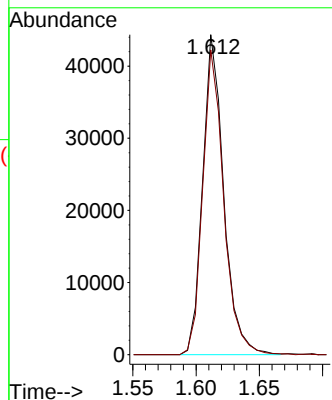
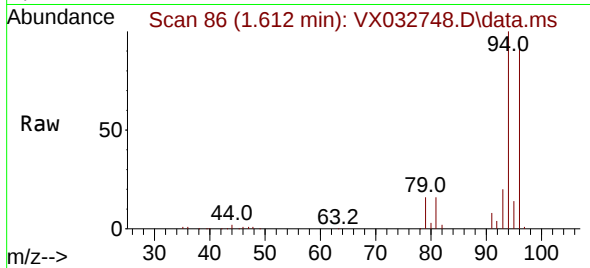
#5
Bromomethane
Concen: 67.217 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 94 Resp: 51460
Ion Ratio Lower Upper
94 100
96 95.2 76.8 115.2

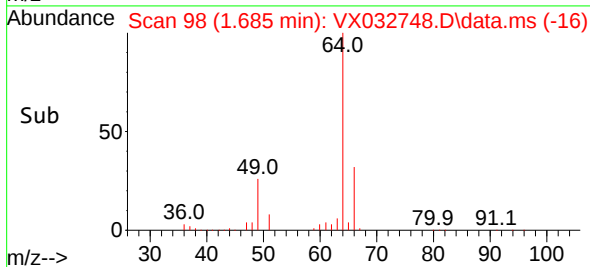
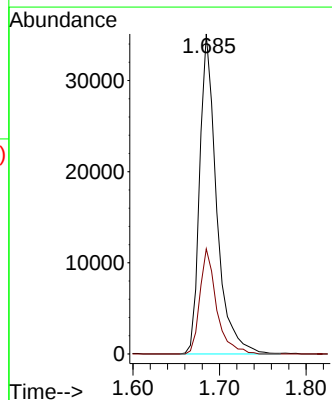
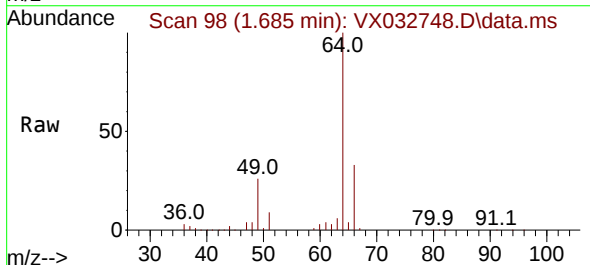
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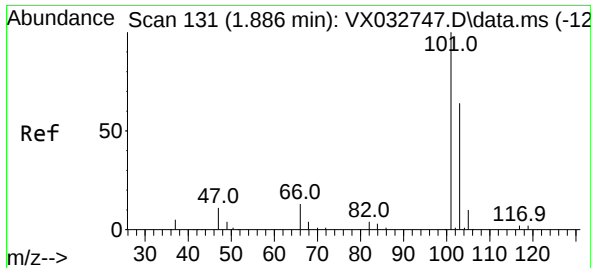
Reviewed By :John Carlone 11/11/2022
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#6
Chloroethane
Concen: 66.557 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

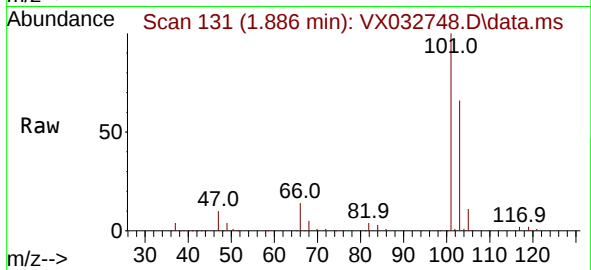
Tgt Ion: 64 Resp: 47657
Ion Ratio Lower Upper
64 100
66 32.8 30.6 46.0





#7
Trichlorofluoromethane
Concen: 67.581 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

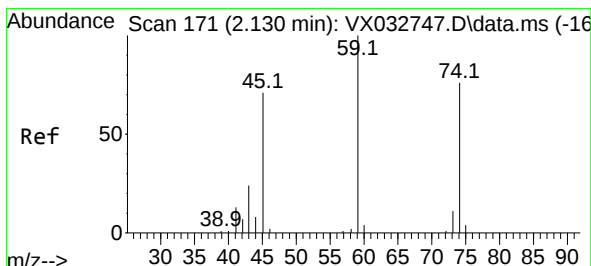
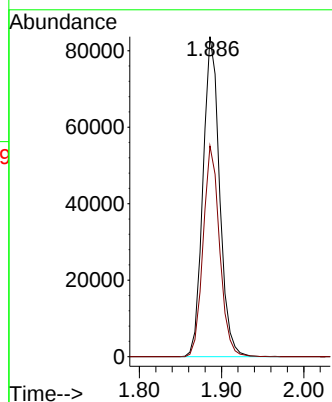
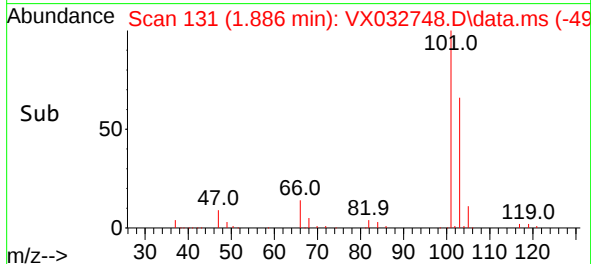
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:101 Resp: 117269
Ion Ratio Lower Upper
101 100
103 65.8 51.7 77.5

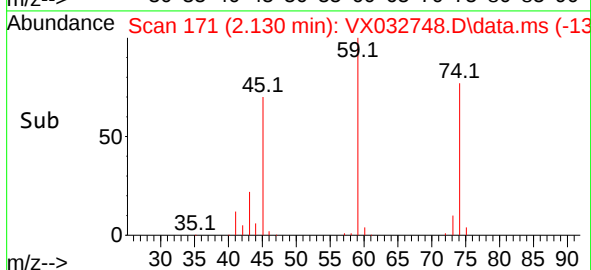
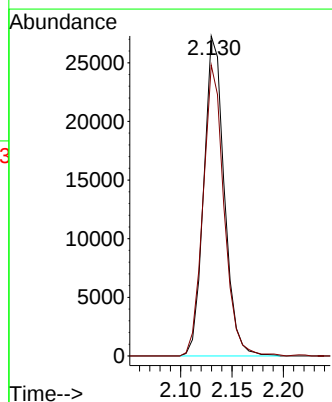
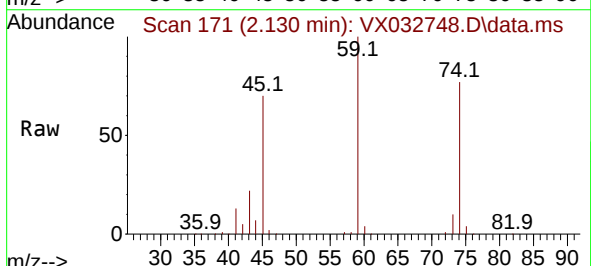
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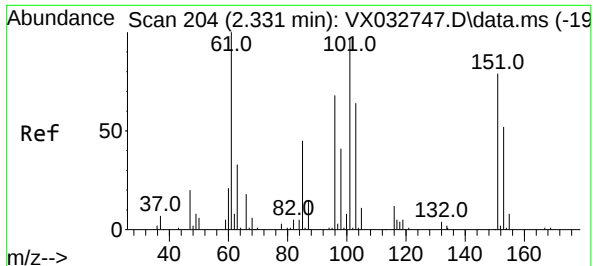
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#8
Diethyl Ether
Concen: 65.592 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Tgt Ion: 74 Resp: 37762
Ion Ratio Lower Upper
74 100
45 93.0 14.2 127.8





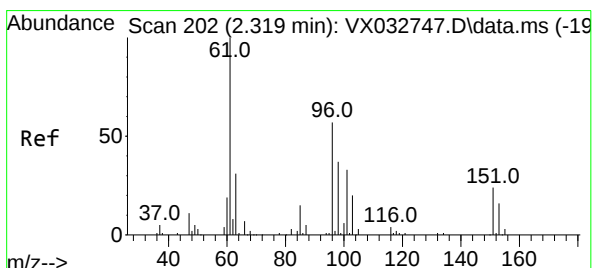
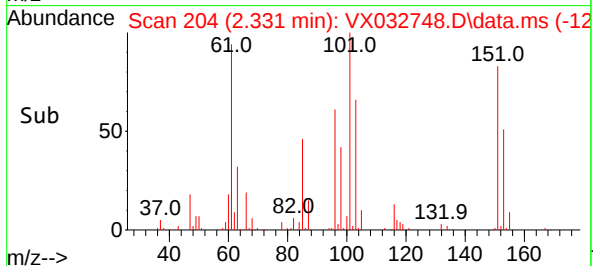
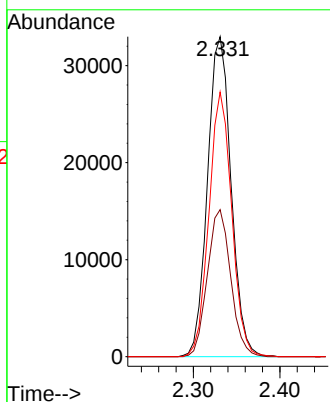
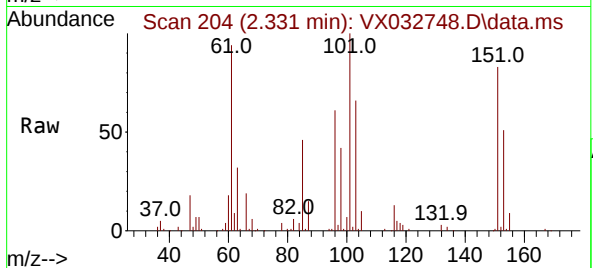
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1,1,2-Trichlorotrifluoroethane
Concen: 73.051 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:101 Resp: 62429
Ion Ratio Lower Upper
101 100
85 45.5 0.0 88.8
151 80.0 0.0 156.6

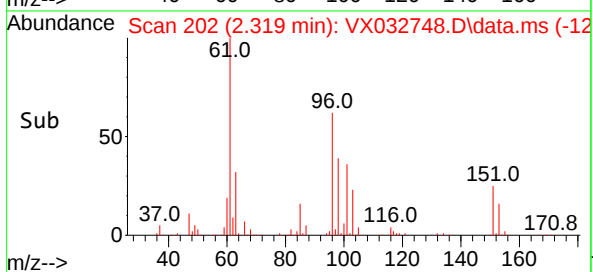
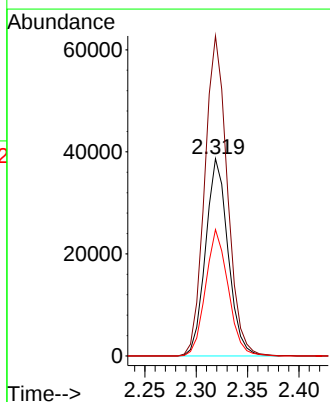
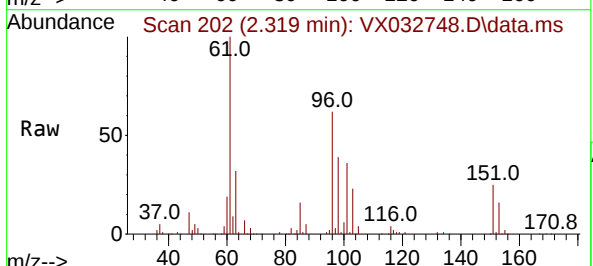
Manual Integrations
APPROVED

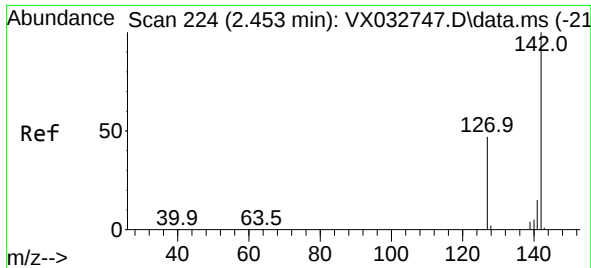
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#10
1,1-Dichloroethene
Concen: 74.070 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

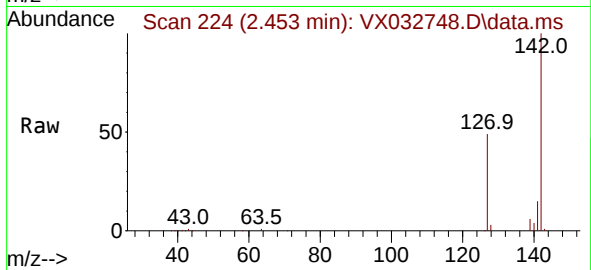
Tgt Ion: 96 Resp: 58908
Ion Ratio Lower Upper
96 100
61 162.2 115.8 173.6
98 64.0 49.7 74.5





#11
Methyl Iodide
Concen: 78.128 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

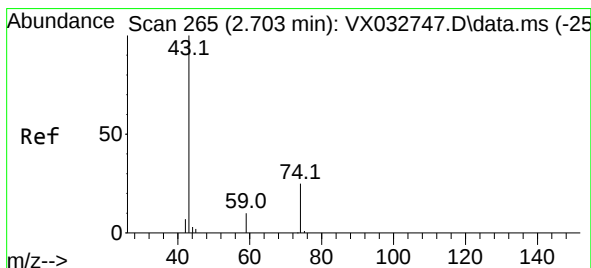
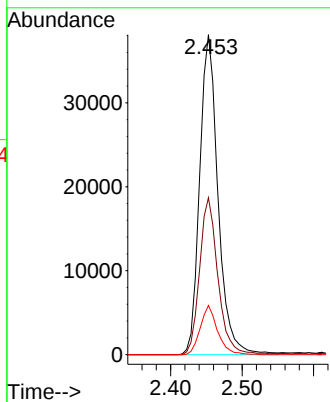
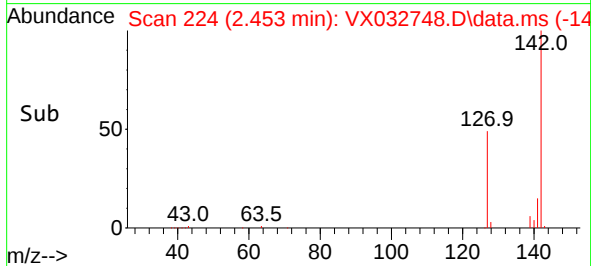
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:142 Resp: 6796
Ion Ratio Lower Upper
142 100
127 49.0 23.8 71.2
141 15.4 7.6 22.8

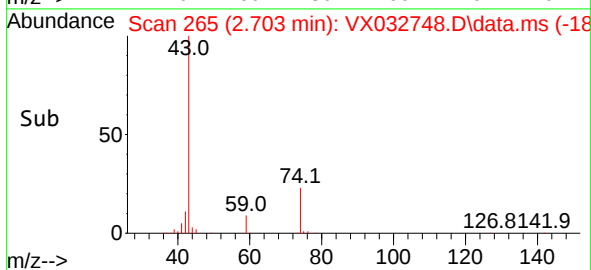
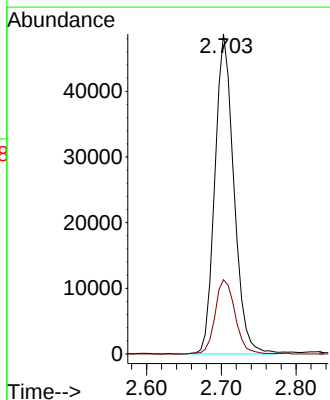
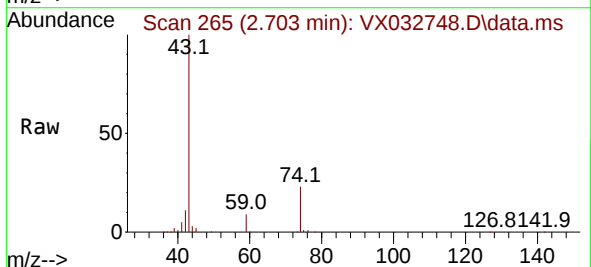
Manual Integrations
APPROVED

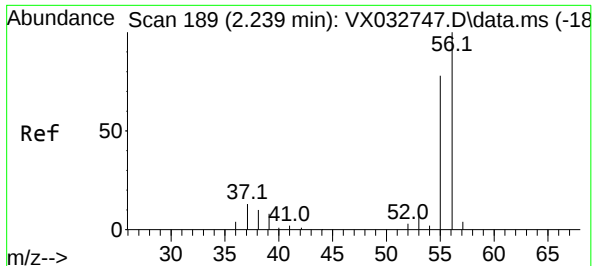
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#12
Methyl Acetate
Concen: 86.880 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Tgt Ion: 43 Resp: 86250
Ion Ratio Lower Upper
43 100
74 23.2 24.8 37.2#





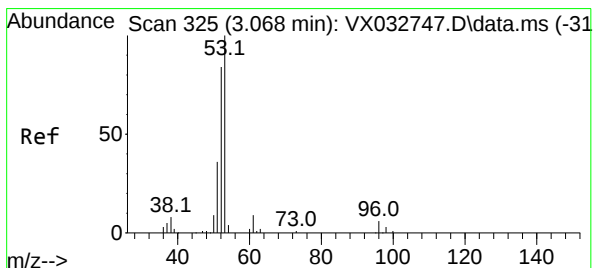
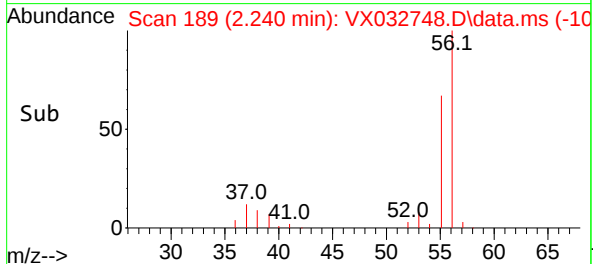
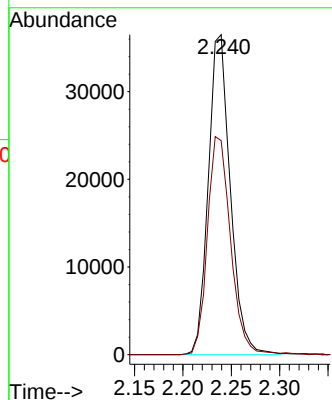
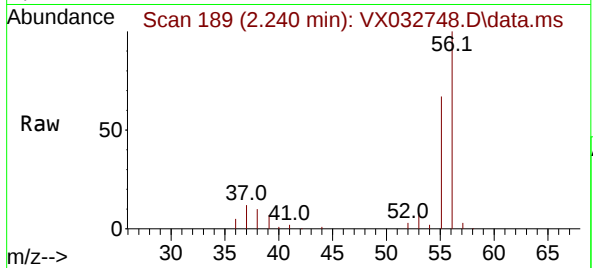
#13
Acrolein
Concen: 557.138 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 56 Resp: 57808
Ion Ratio Lower Upper
56 100
55 70.7 58.4 87.6

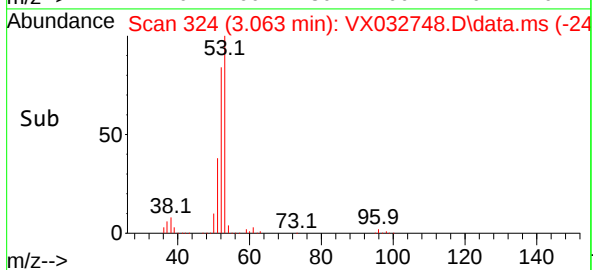
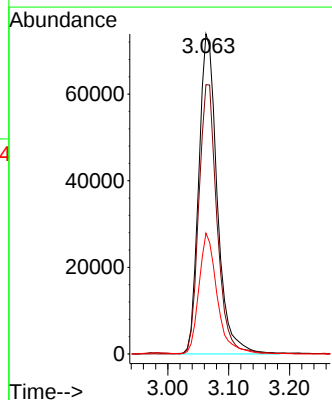
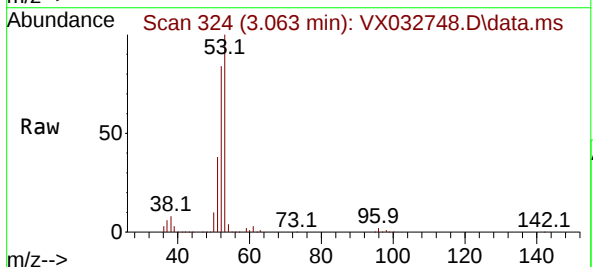
Manual Integrations
APPROVED

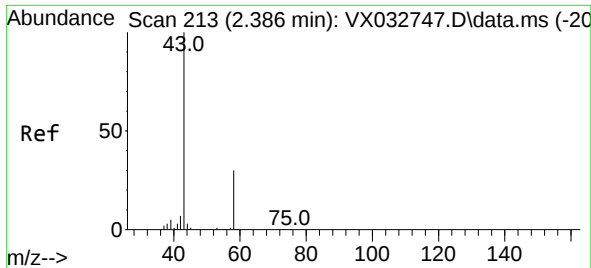
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#14
Acrylonitrile
Concen: 395.511 ug/l
RT: 3.063 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Tgt Ion: 53 Resp: 155636
Ion Ratio Lower Upper
53 100
52 82.7 41.5 124.5
51 37.4 18.3 54.9





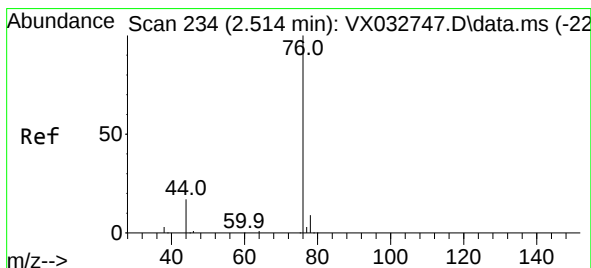
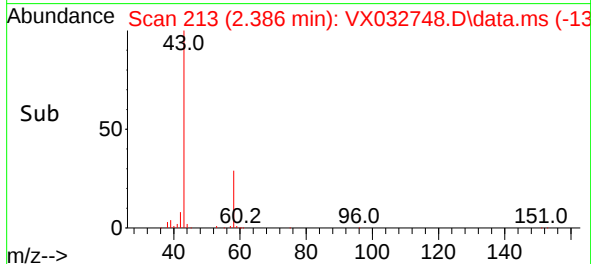
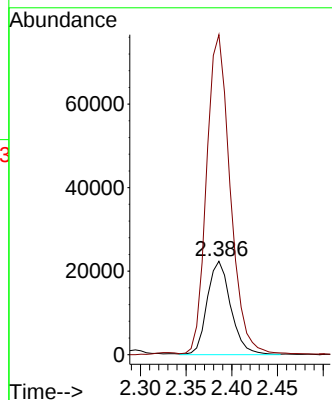
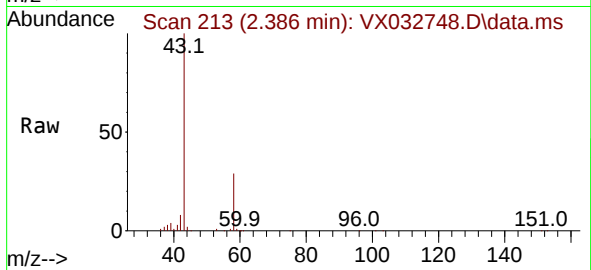
#15
Acetone
Concen: 380.183 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 58 Resp: 40178
Ion Ratio Lower Upper
58 100
43 343.0 242.6 364.0

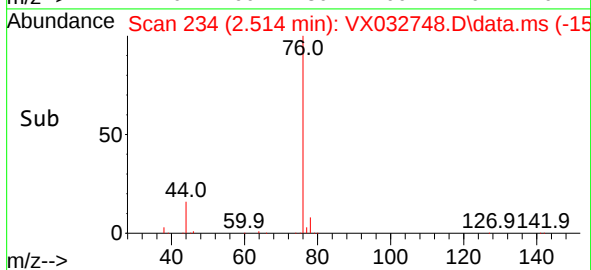
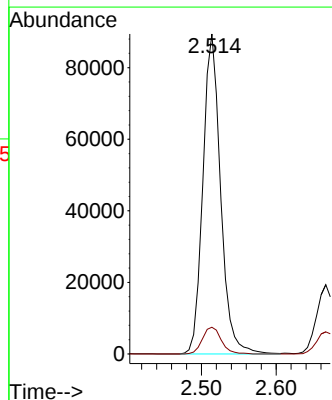
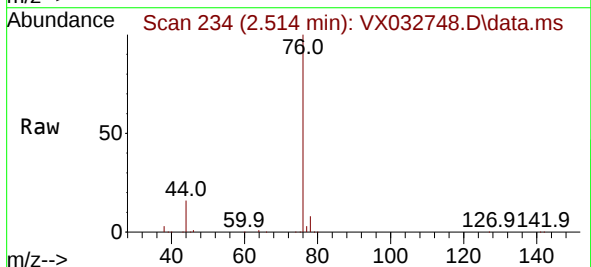
Manual Integrations
APPROVED

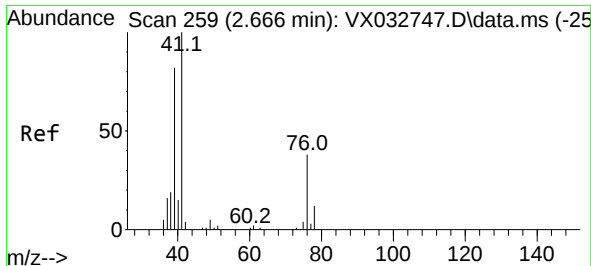
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#16
Carbon Disulfide
Concen: 80.916 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Tgt Ion: 76 Resp: 147102
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3





#17

Allyl chloride

Concen: 90.179 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX032748.D

Acq: 11 Nov 2022 01:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

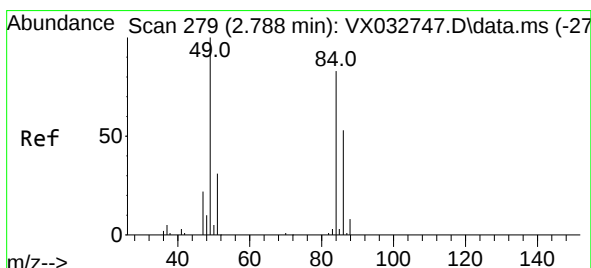
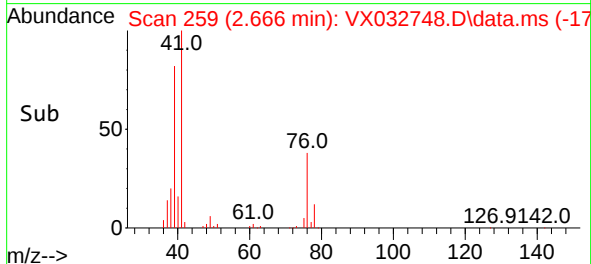
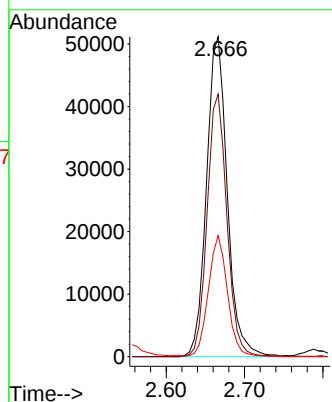
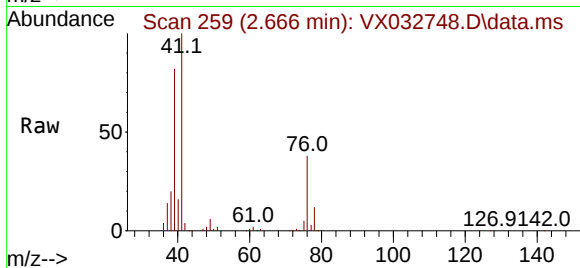
Tgt Ion:	41	Resp:	94294
Ion	Ratio	Lower	Upper
41	100		
39	82.0	37.0	111.0
76	37.8	23.8	71.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#18

Methylene Chloride

Concen: 71.820 ug/l

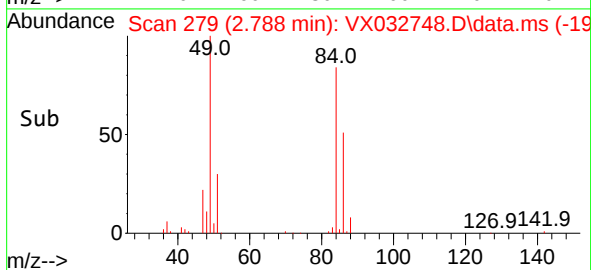
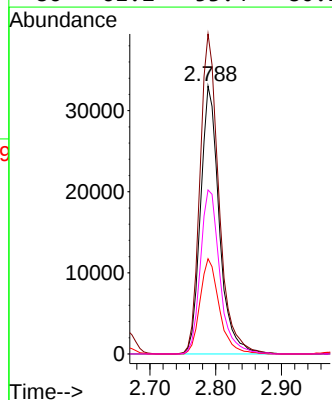
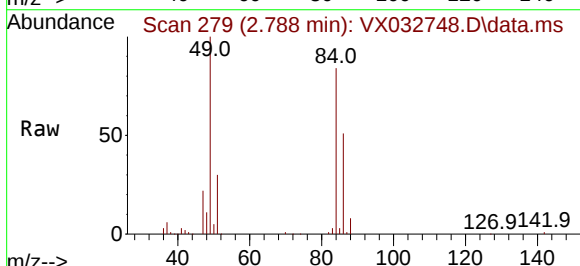
RT: 2.788 min Scan# 279

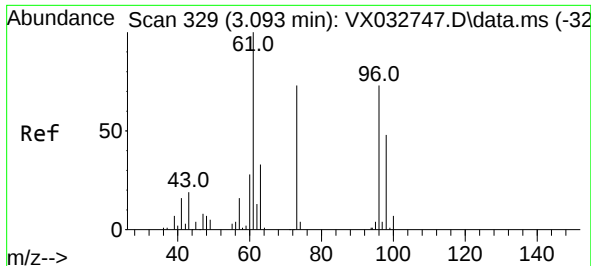
Delta R.T. 0.000 min

Lab File: VX032748.D

Acq: 11 Nov 2022 01:22

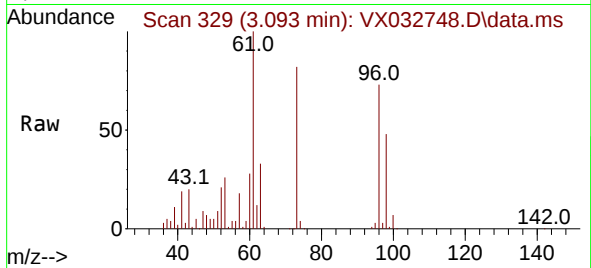
Tgt Ion:	84	Resp:	65370
Ion	Ratio	Lower	Upper
84	100		
49	119.5	84.6	127.0
51	35.5	26.5	39.7
86	61.2	53.4	80.2





#19
trans-1,2-Dichloroethene
Concen: 71.790 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

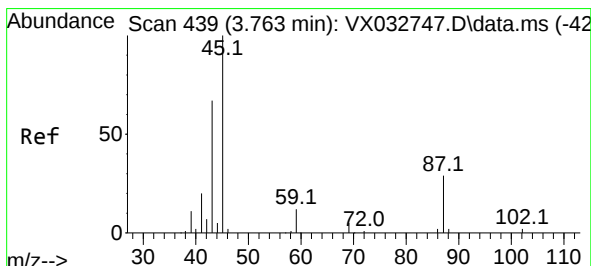
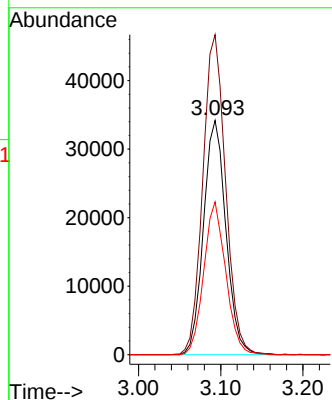
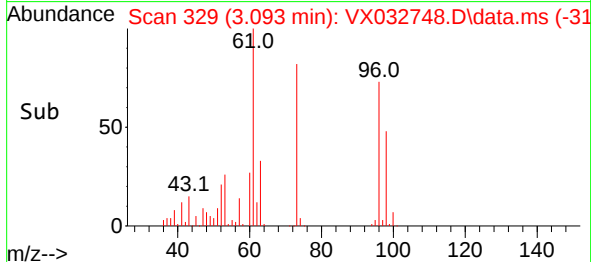
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 96 Resp: 6488
Ion Ratio Lower Upper
96 100
61 136.6 87.4 131.0
98 65.2 51.5 77.3

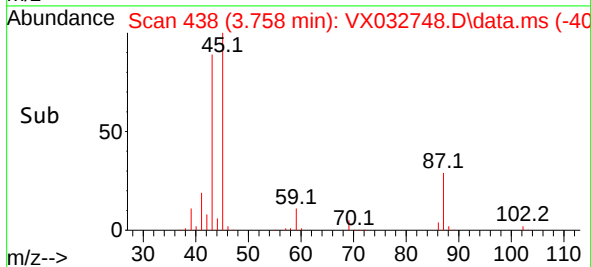
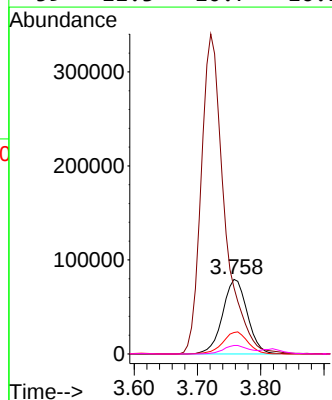
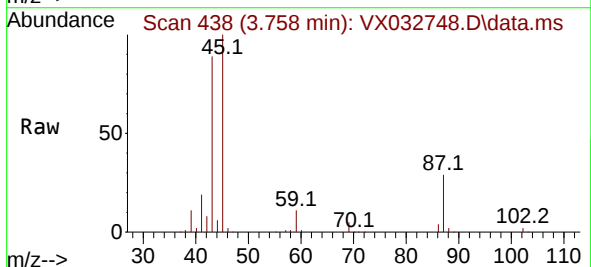
Manual Integrations
APPROVED

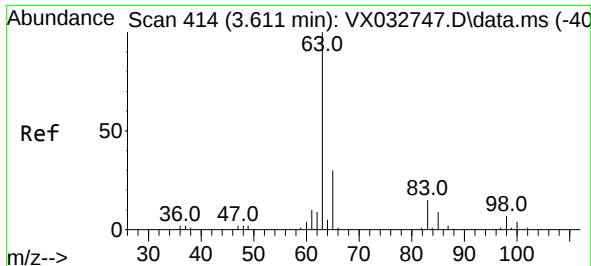
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#20
Diisopropyl ether
Concen: 90.921 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Tgt Ion: 45 Resp: 215061
Ion Ratio Lower Upper
45 100
43 88.7 74.5 111.7
87 28.8 30.4 45.6
59 11.3 10.7 16.1





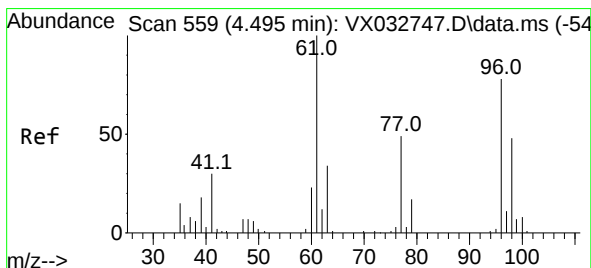
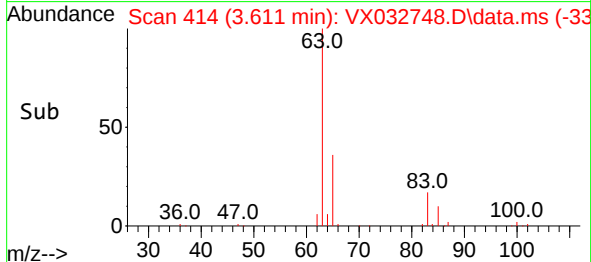
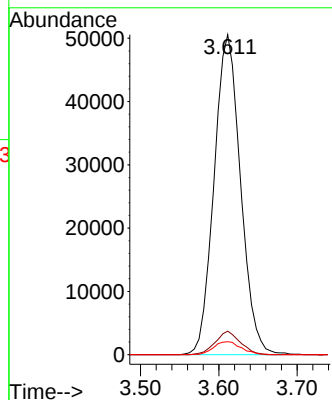
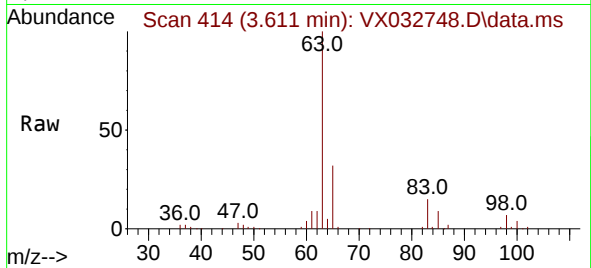
#21
1,1-Dichloroethane
Concen: 79.574 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 11868
Ion Ratio Lower Upper
63 100
98 7.3 4.5 13.7
100 4.0 2.8 8.3

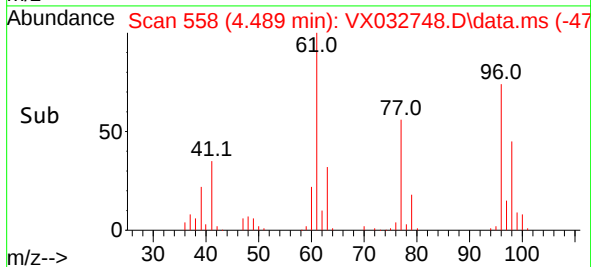
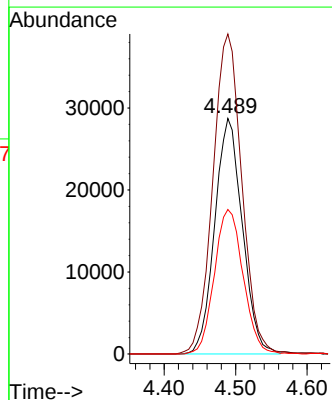
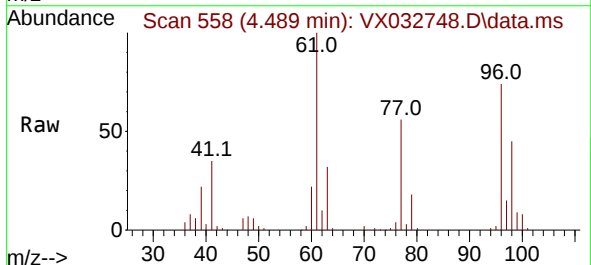
Manual Integrations
APPROVED

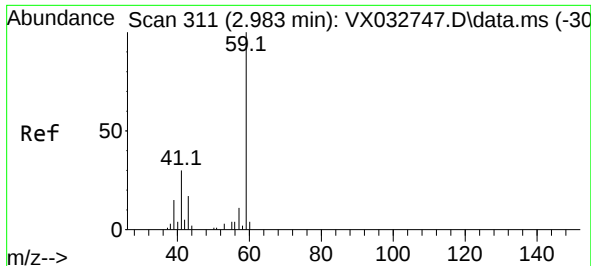
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#22
cis-1,2-Dichloroethene
Concen: 71.222 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Tgt Ion: 96 Resp: 77031
Ion Ratio Lower Upper
96 100
61 142.6 98.0 147.0
98 63.8 52.2 78.4





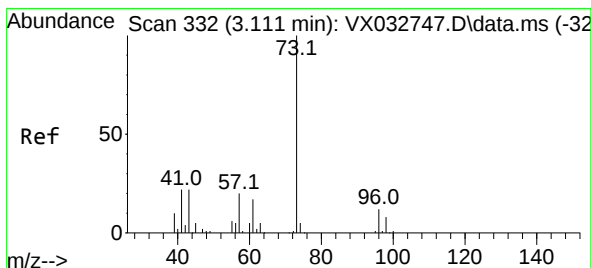
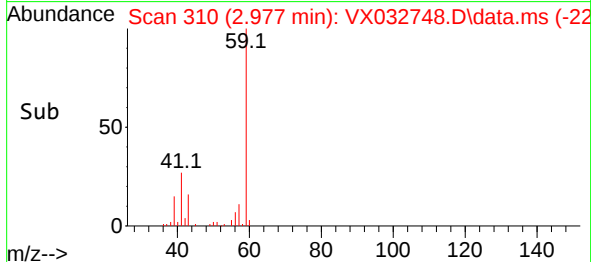
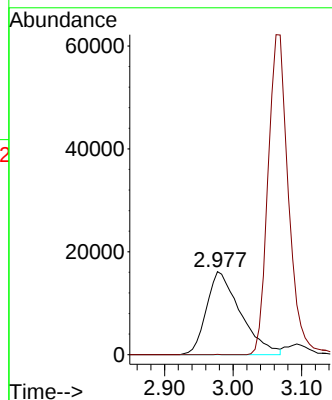
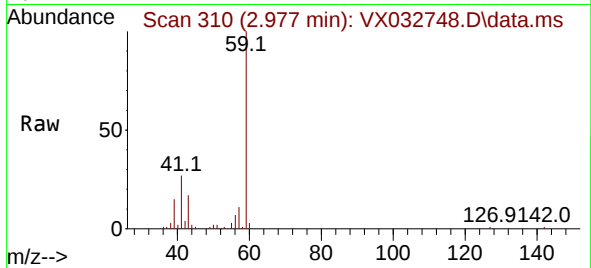
#23
tert-Butyl Alcohol
Concen: 385.718 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 59 Resp: 55654
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

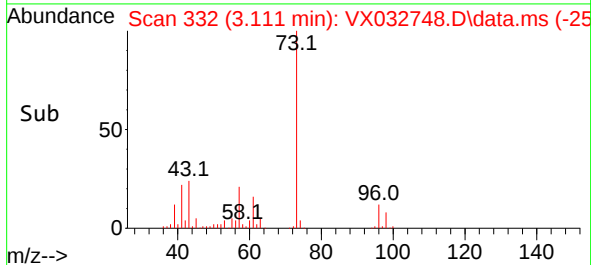
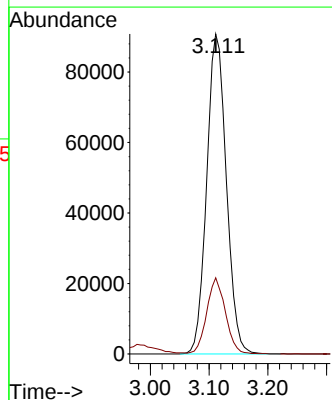
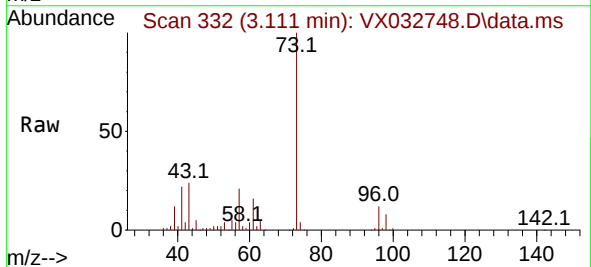
Manual Integrations
APPROVED

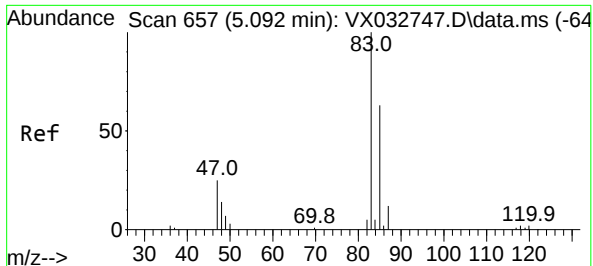
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#24
Methyl tert-Butyl Ether
Concen: 76.842 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Tgt Ion: 73 Resp: 210884
Ion Ratio Lower Upper
73 100
43 22.7 14.8 22.2#





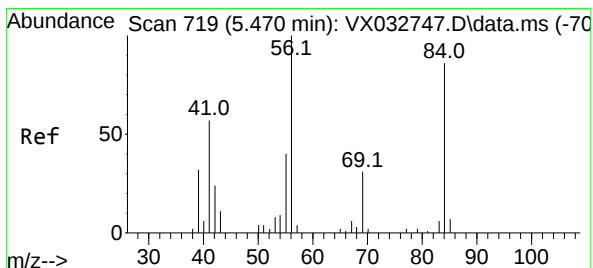
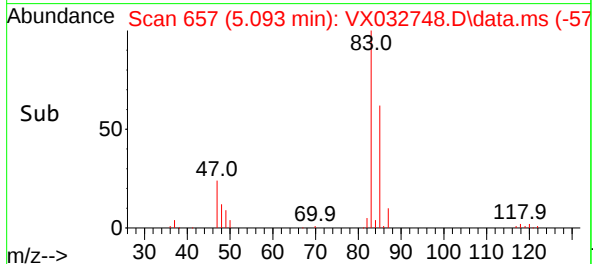
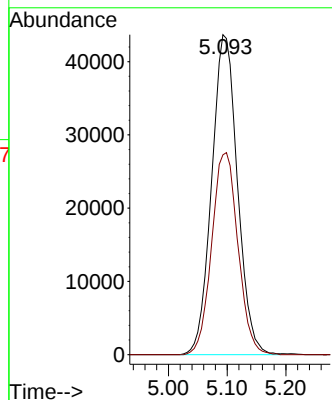
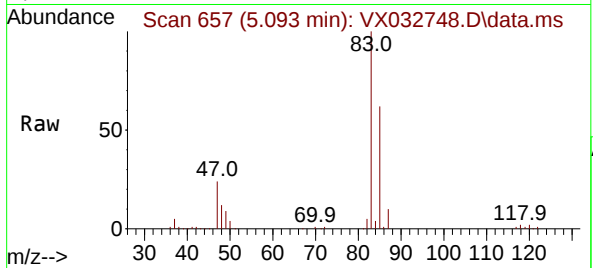
#25
Chloroform
Concen: 75.994 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 83 Resp: 13322
Ion Ratio Lower Upper
83 100
85 62.5 51.4 77.0

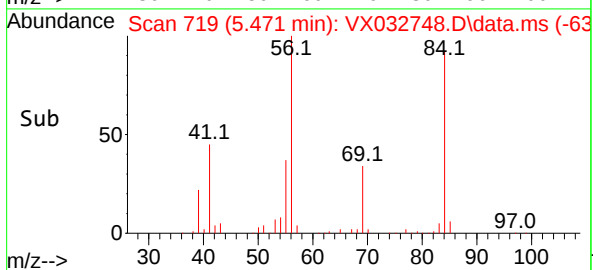
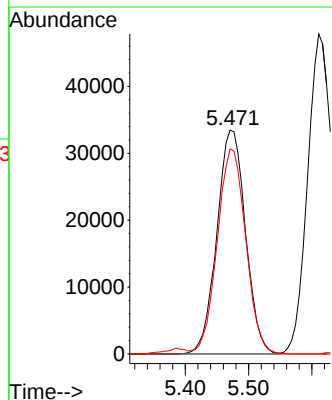
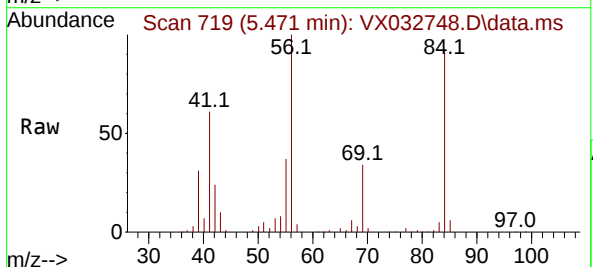
Manual Integrations
APPROVED

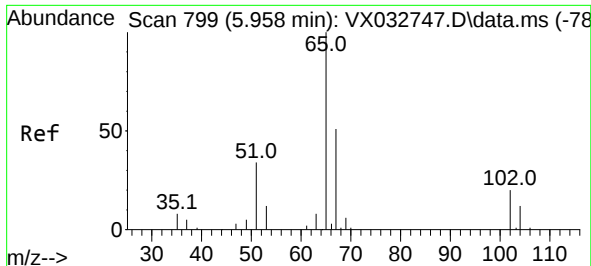
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#26
Cyclohexane
Concen: 84.773 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Tgt Ion: 56 Resp: 105080
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.1 86.6 130.0





#27
1,2-Dichloroethane-d4
Concen: 35.927 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Instrument :

MSVOA_X

ClientSampleId :

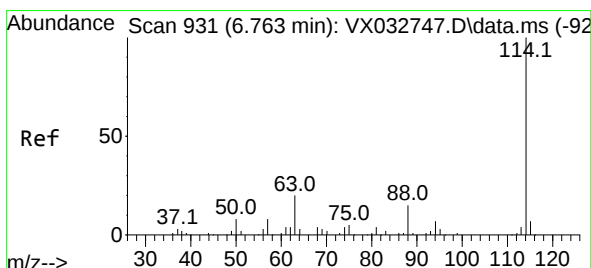
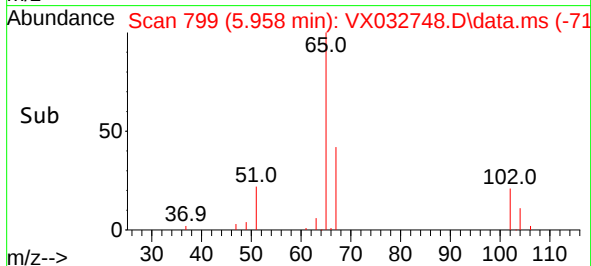
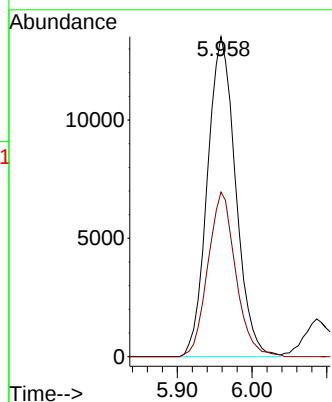
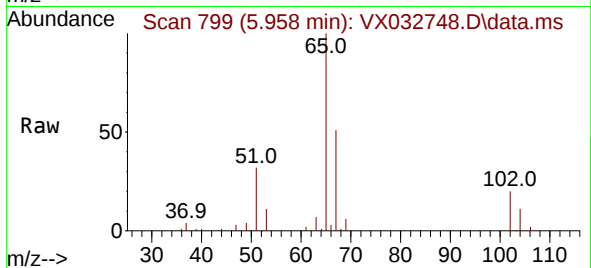
VSTDIC050

Tgt Ion: 65 Resp: 35452
Ion Ratio Lower Upper
65 100
67 50.7 41.8 62.6

Manual Integrations

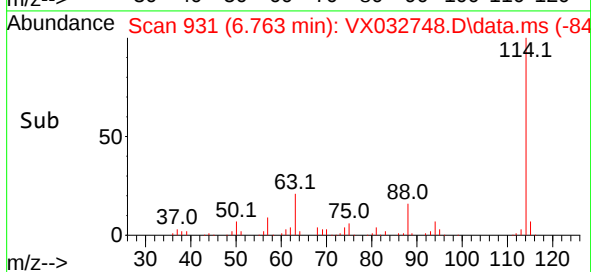
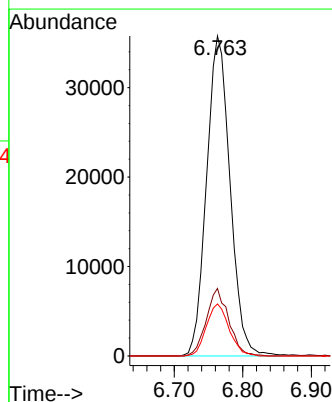
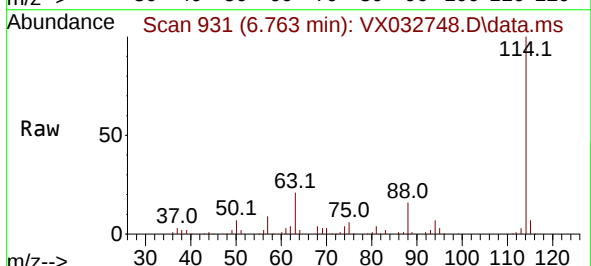
APPROVED

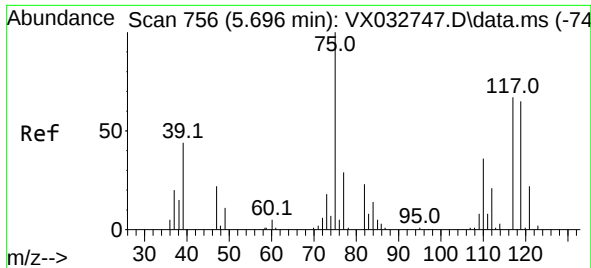
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Tgt Ion:114 Resp: 85314
Ion Ratio Lower Upper
114 100
63 20.0 13.6 20.4
88 15.7 11.8 17.6





#29

1,1-Dichloropropene

Concen: 66.650 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX032748.D

Acq: 11 Nov 2022 01:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 95278

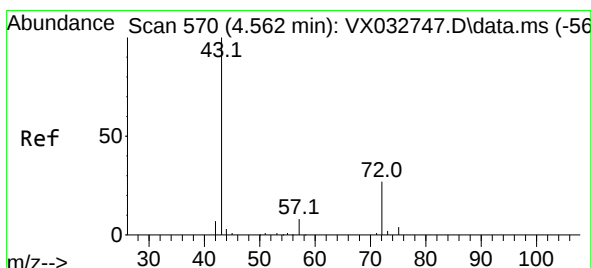
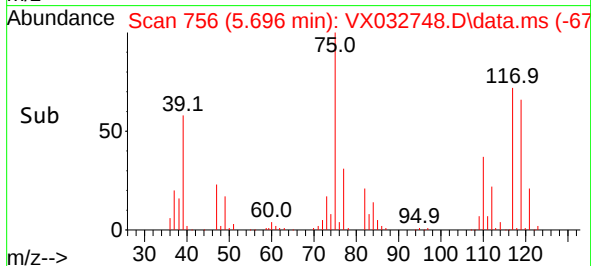
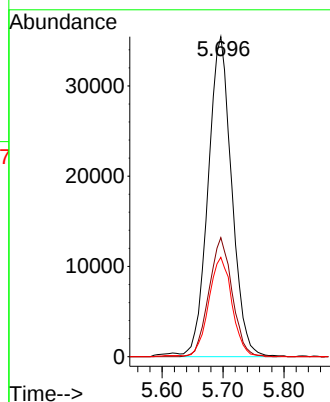
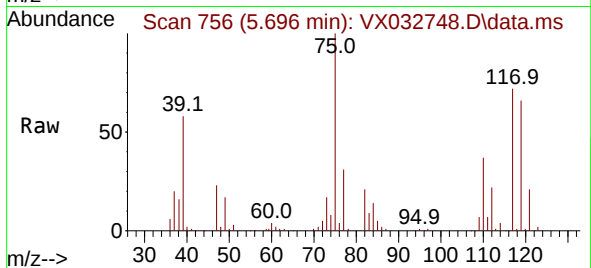
Ion	Ratio	Lower	Upper
75	100		
110	36.7	0.0	80.4
77	30.7	0.0	62.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#30

2-Butanone

Concen: 368.855 ug/l

RT: 4.556 min Scan# 569

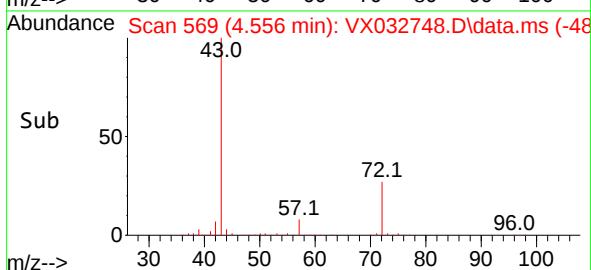
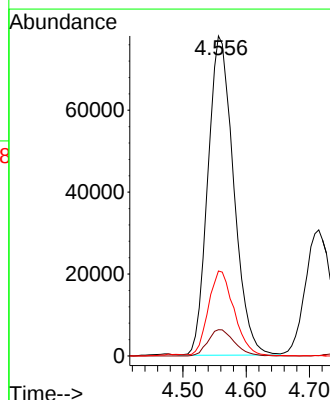
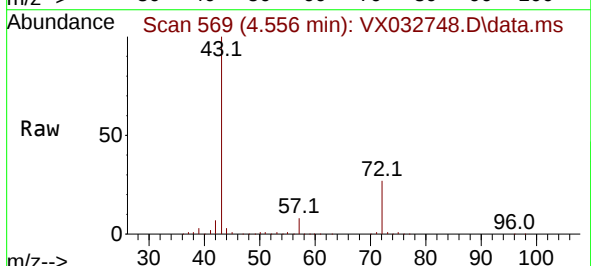
Delta R.T. -0.006 min

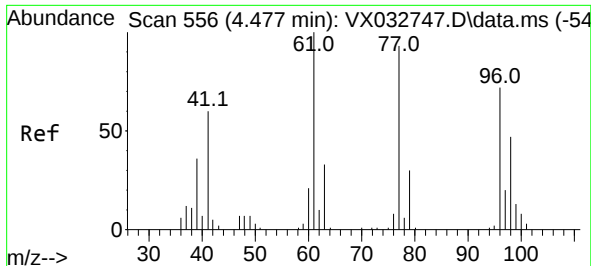
Lab File: VX032748.D

Acq: 11 Nov 2022 01:22

Tgt Ion: 43 Resp: 220334

Ion	Ratio	Lower	Upper
43	100		
57	8.5	7.5	11.3
72	26.4	26.6	39.8





#31

2,2-Dichloropropane

Concen: 58.650 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX032748.D

Acq: 11 Nov 2022 01:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 77 Resp: 8122

Ion Ratio Lower Upper

77 100

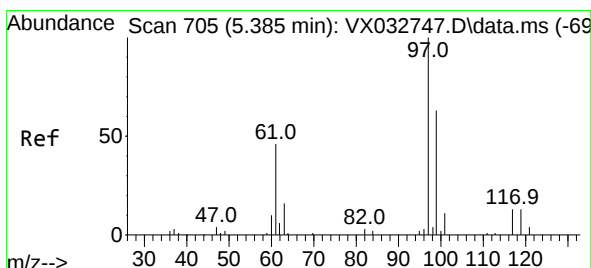
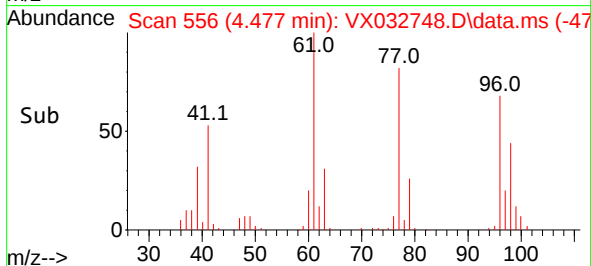
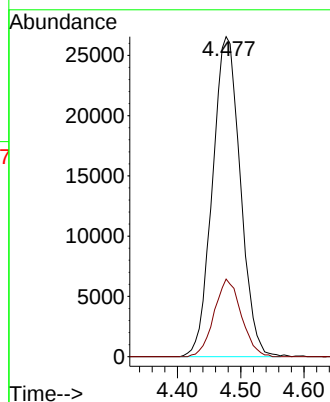
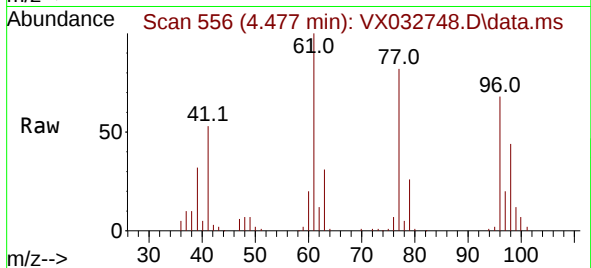
97 23.6 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#32

1,1,1-Trichloroethane

Concen: 64.696 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032748.D

Acq: 11 Nov 2022 01:22

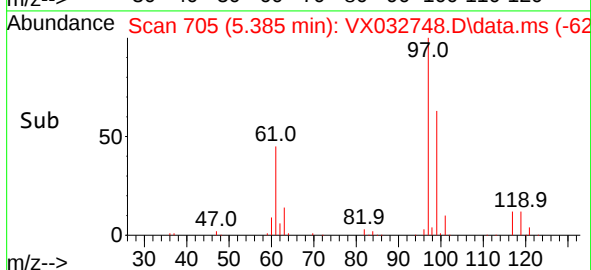
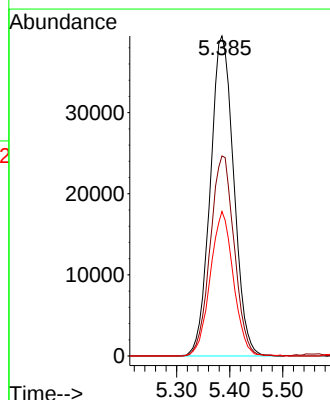
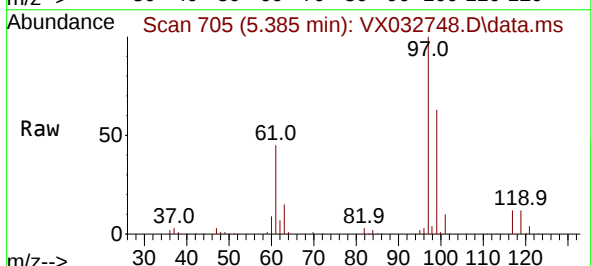
Tgt Ion: 97 Resp: 121300

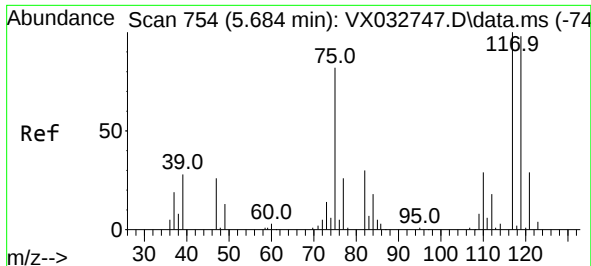
Ion Ratio Lower Upper

97 100

99 63.8 53.8 80.6

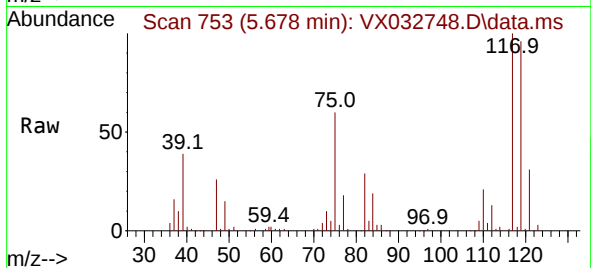
61 44.5 31.3 46.9





#33
Carbon Tetrachloride
Concen: 63.648 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

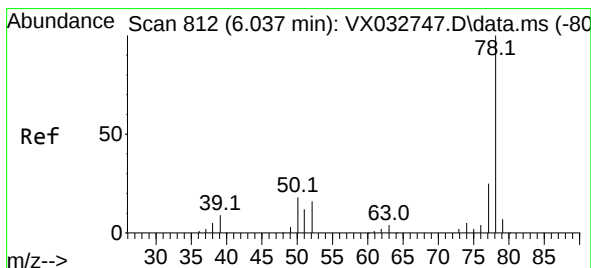
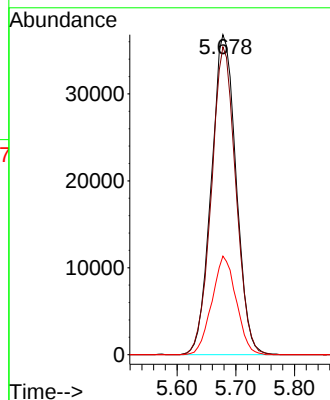
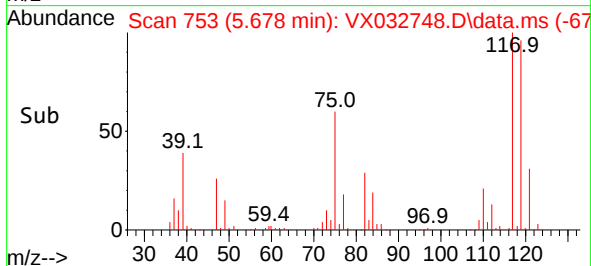
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



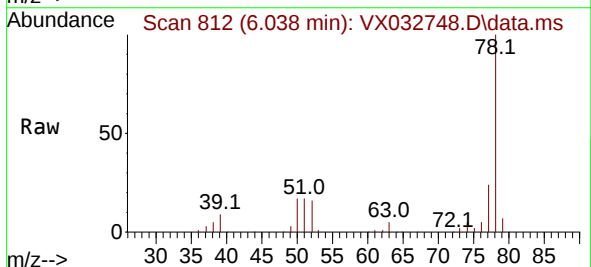
Tgt Ion:117 Resp: 107884
Ion Ratio Lower Upper
117 100
119 96.2 75.4 113.2
121 30.8 24.4 36.6

Manual Integrations
APPROVED

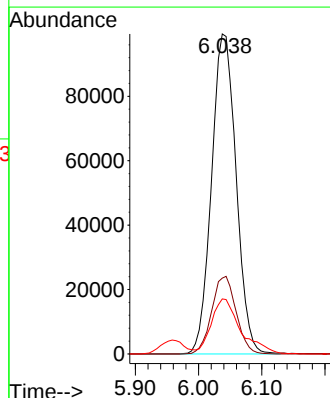
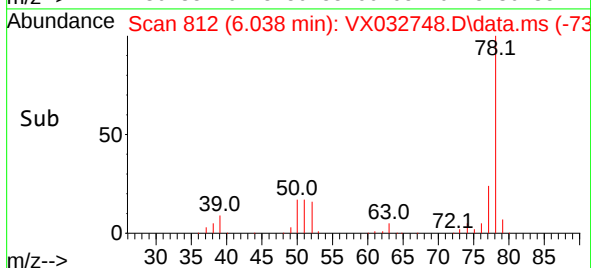
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

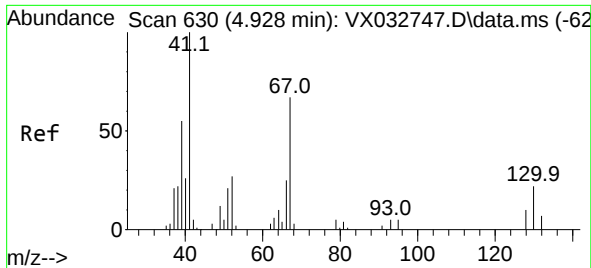


#34
Benzene
Concen: 64.269 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22



Tgt Ion: 78 Resp: 268079
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6
51 16.9 10.6 15.8#





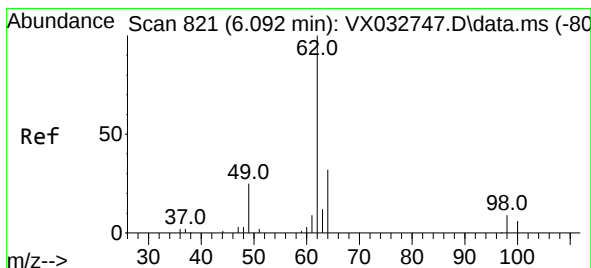
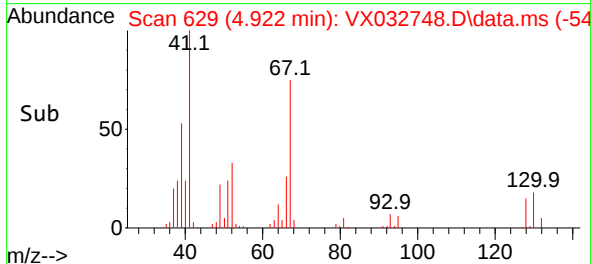
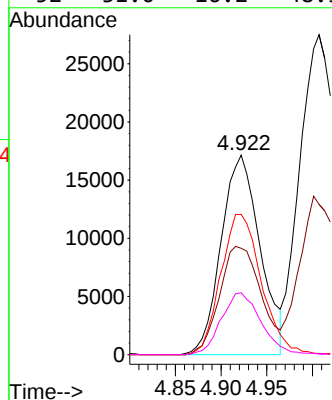
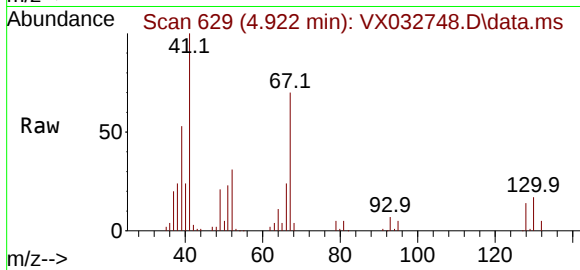
#35
Methacrylonitrile
Concen: 79.279 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 41	Resp: 50850
Ion Ratio	Lower Upper
41	100
39	53.3 26.9 80.7
67	70.3 40.6 121.8
52	31.0 16.2 48.5

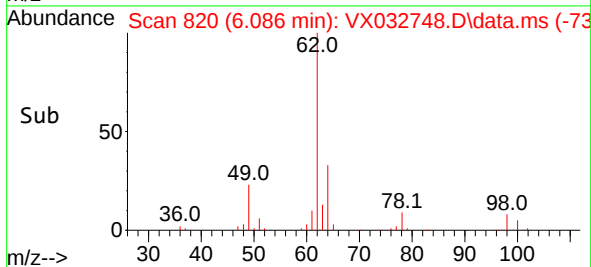
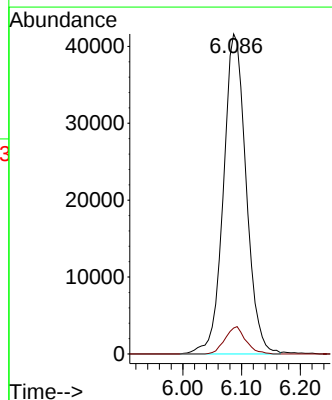
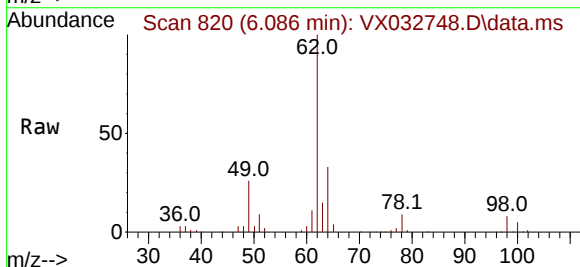
Manual Integrations
APPROVED

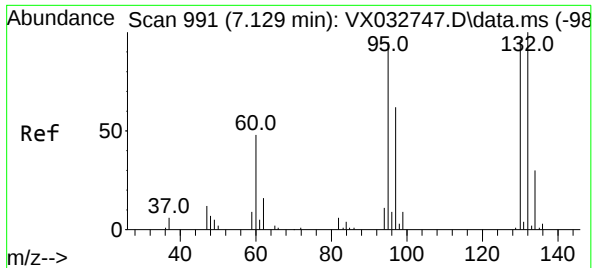
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#36
1,2-Dichloroethane
Concen: 72.911 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

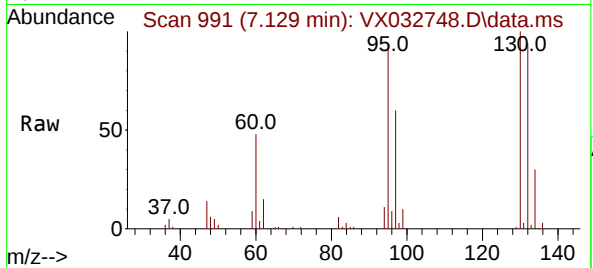
Tgt Ion: 62	Resp: 111846
Ion Ratio	Lower Upper
62	100
98	7.8 8.8 13.2#





#37
Trichloroethene
Concen: 56.917 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

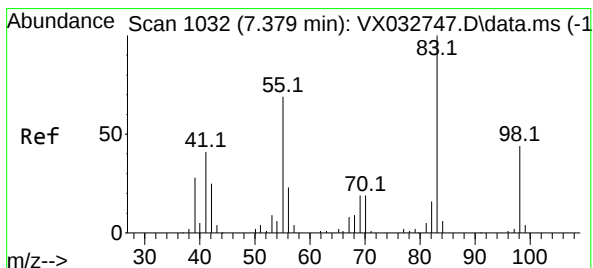
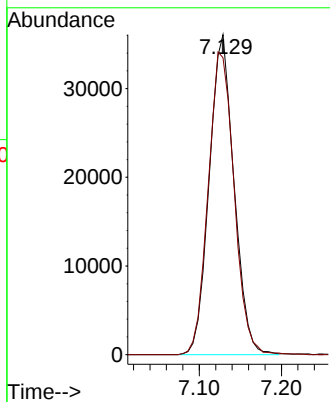
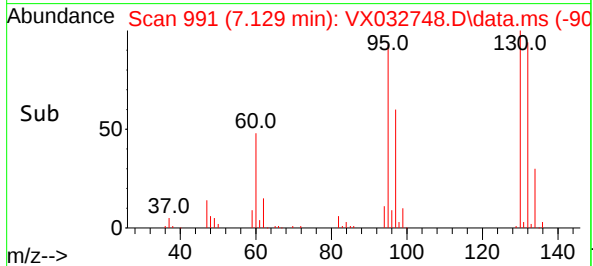
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



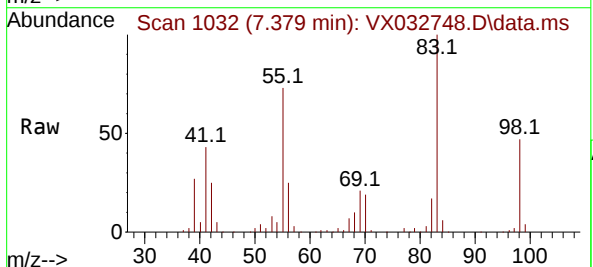
Tgt Ion:130 Resp: 7553
Ion Ratio Lower Upper
130 100
95 92.8 72.4 108.6

Manual Integrations
APPROVED

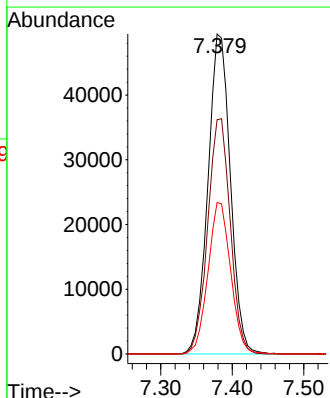
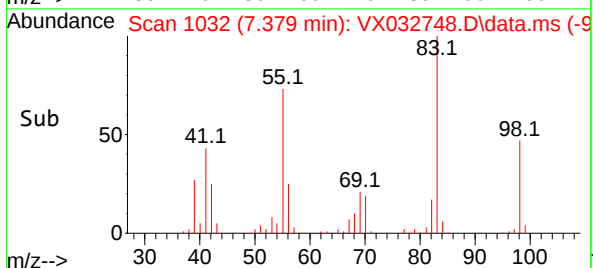
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

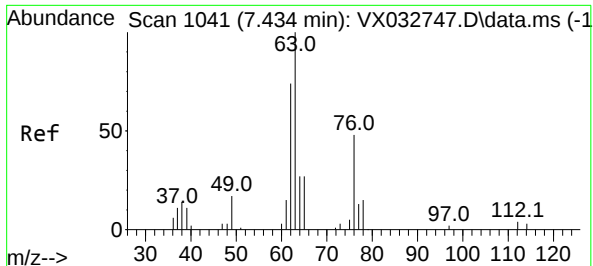


#38
Methylcyclohexane
Concen: 62.826 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22



Tgt Ion: 83 Resp: 107762
Ion Ratio Lower Upper
83 100
55 73.8 31.6 94.7
98 47.9 26.9 80.6





#39

1,2-Dichloropropane

Concen: 70.053 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX032748.D

Acq: 11 Nov 2022 01:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 6864

Ion Ratio Lower Upper

63 100

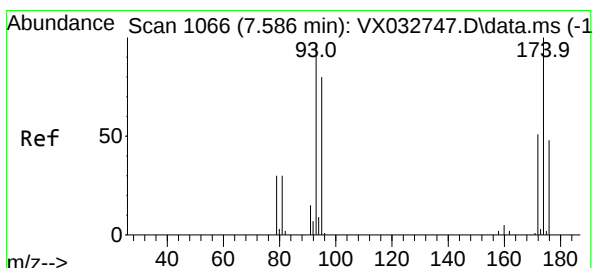
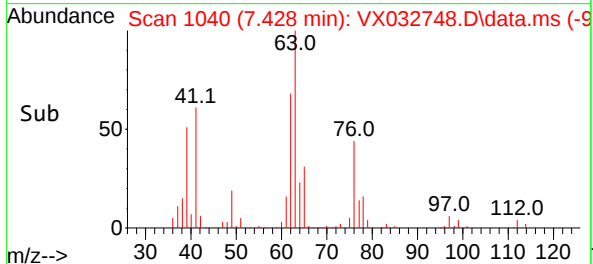
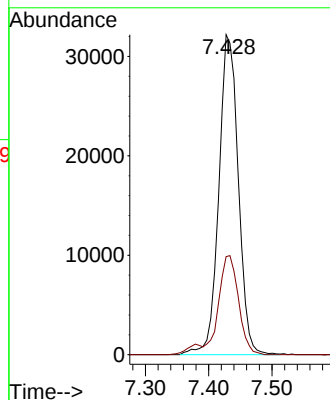
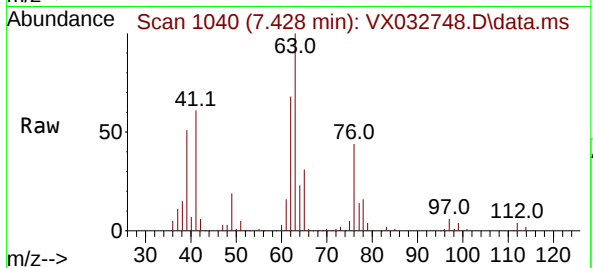
65 30.6 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#40

Dibromomethane

Concen: 62.781 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX032748.D

Acq: 11 Nov 2022 01:22

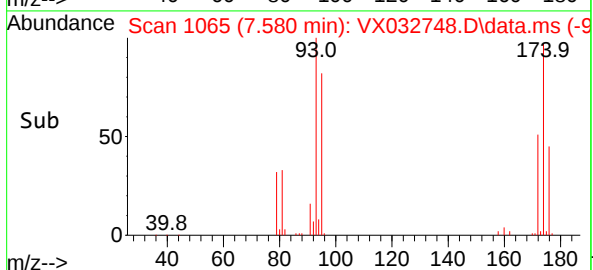
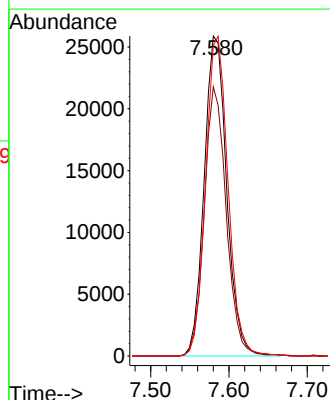
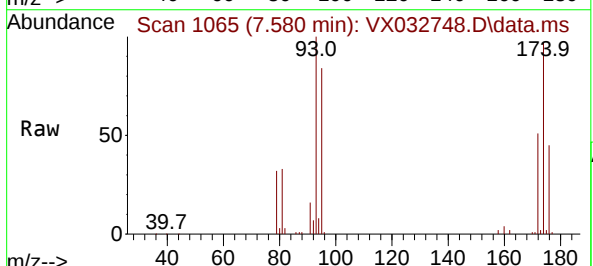
Tgt Ion: 93 Resp: 51836

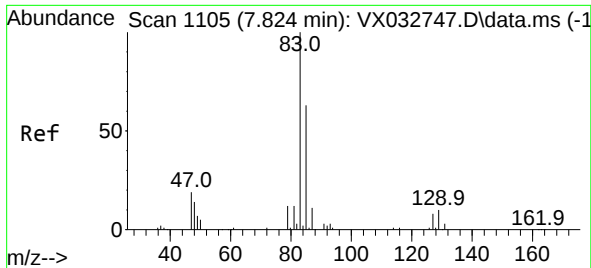
Ion Ratio Lower Upper

93 100

95 81.8 0.0 165.0

174 99.2 0.0 205.2





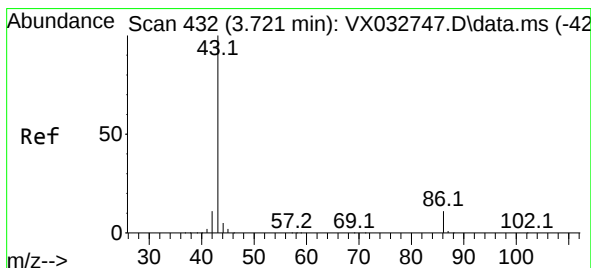
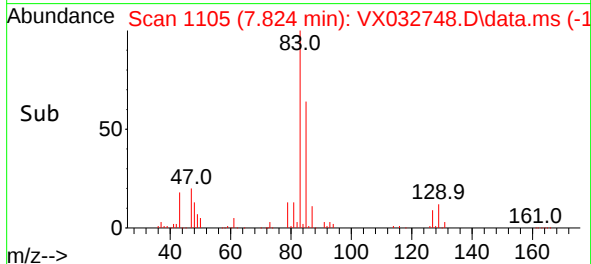
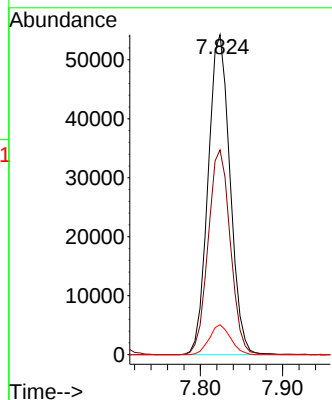
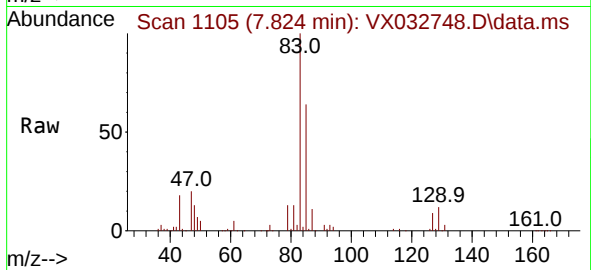
#41
Bromodichloromethane
Concen: 66.192 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 100514
Ion Ratio Lower Upper
83 100
85 64.0 52.3 78.5
127 9.4 6.8 10.2

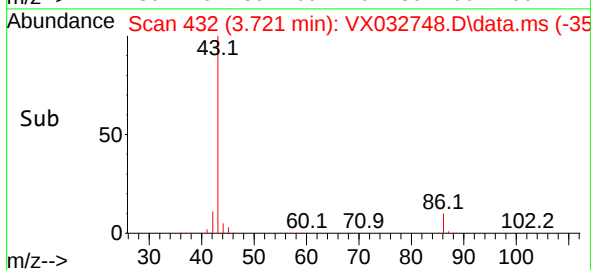
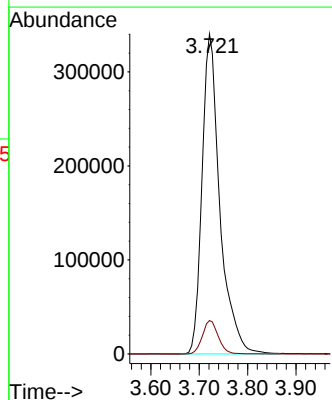
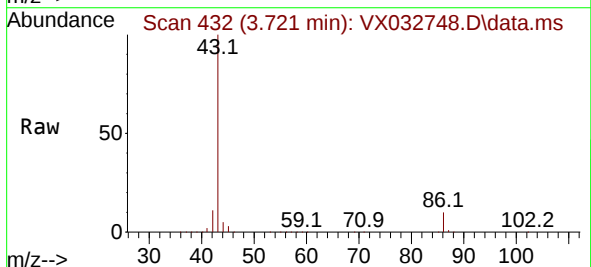
Manual Integrations
APPROVED

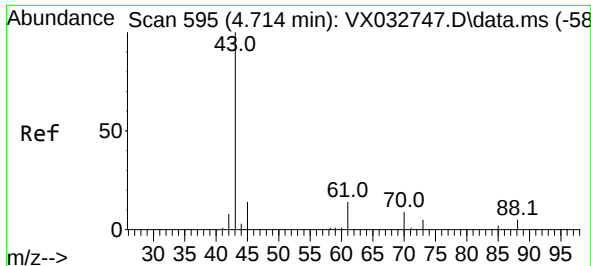
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#42
Vinyl Acetate
Concen: 395.829 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Tgt Ion: 43 Resp: 871678
Ion Ratio Lower Upper
43 100
86 9.3 10.3 15.5#





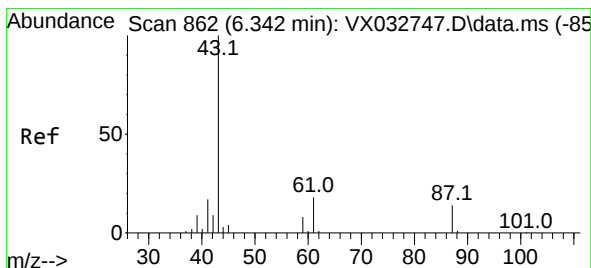
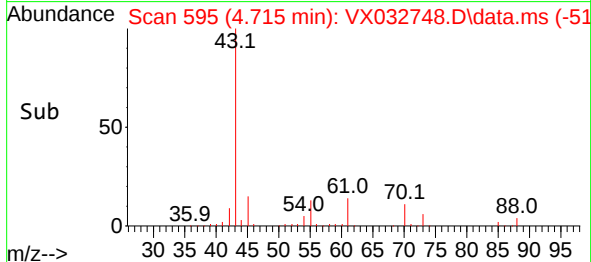
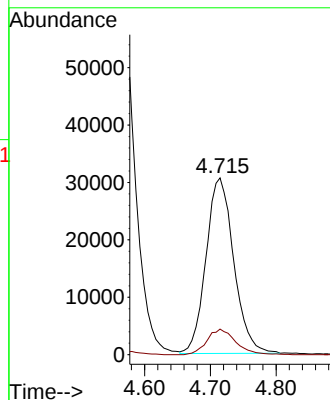
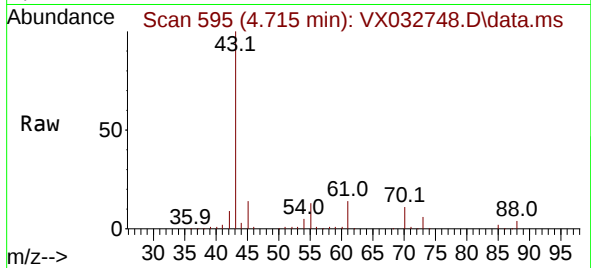
#43
Ethyl Acetate
Concen: 74.206 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 43 Resp: 8988
Ion Ratio Lower Upper
43 100
45 15.0 8.2 12.2

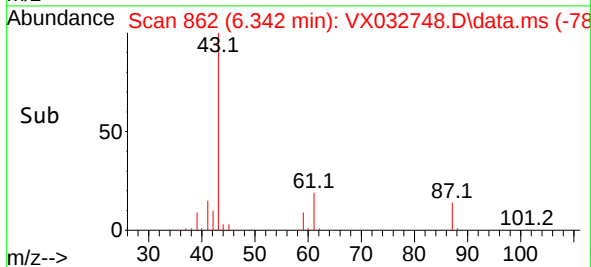
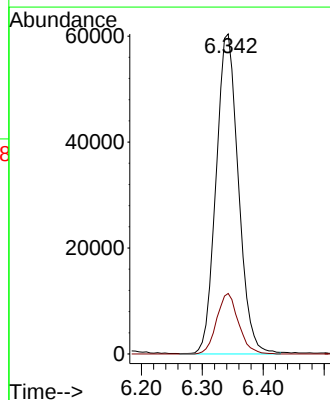
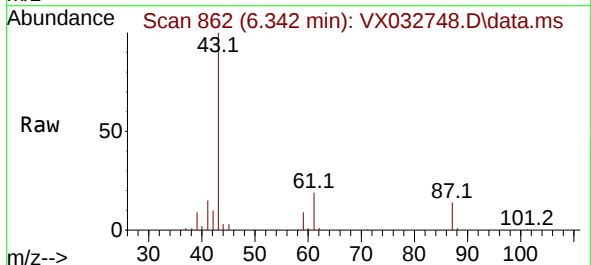
Manual Integrations
APPROVED

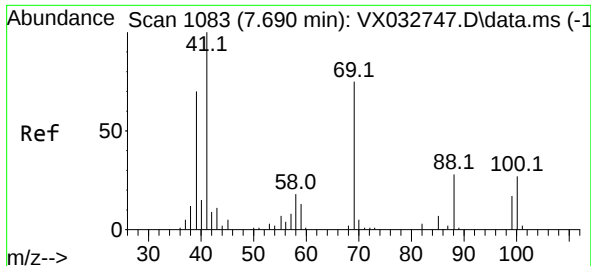
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#44
Isopropyl Acetate
Concen: 79.287 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Tgt Ion: 43 Resp: 154101
Ion Ratio Lower Upper
43 100
61 18.4 17.2 25.8





#45

1,4-Dioxane

Concen: 1181.229 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VX032748.D

Acq: 11 Nov 2022 01:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 88 Resp: 29220

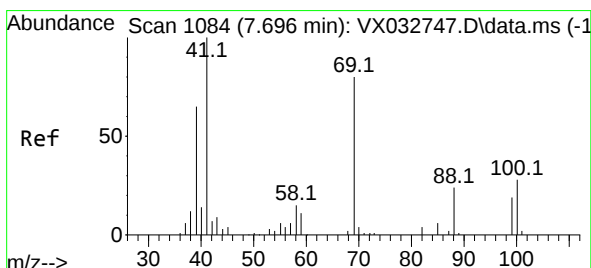
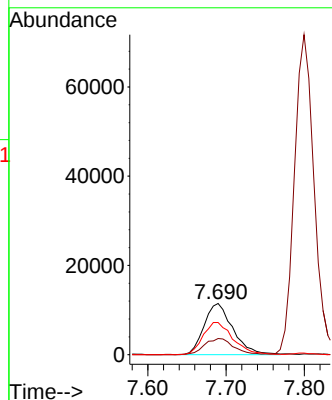
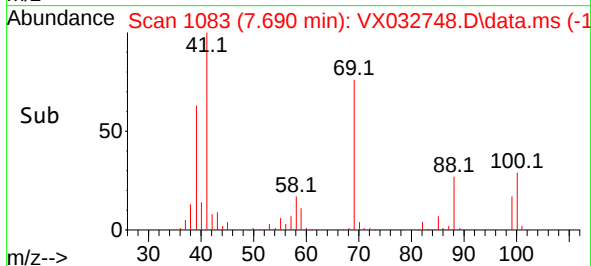
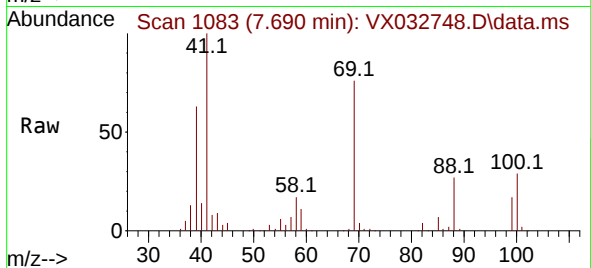
Ion	Ratio	Lower	Upper
88	100		
43	32.4	20.4	30.6
58	65.5	44.0	66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#46

Methyl methacrylate

Concen: 84.002 ug/l

RT: 7.690 min Scan# 1083

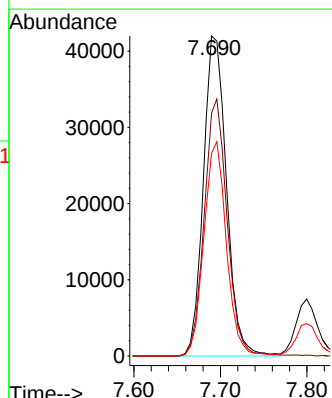
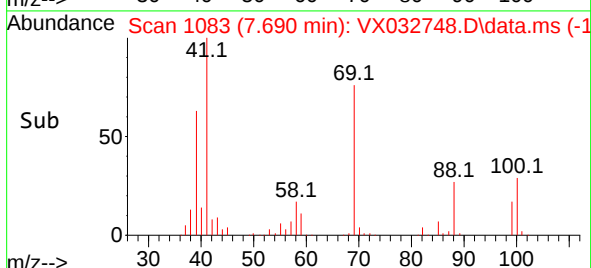
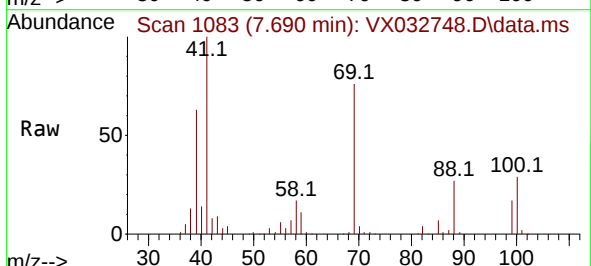
Delta R.T. -0.006 min

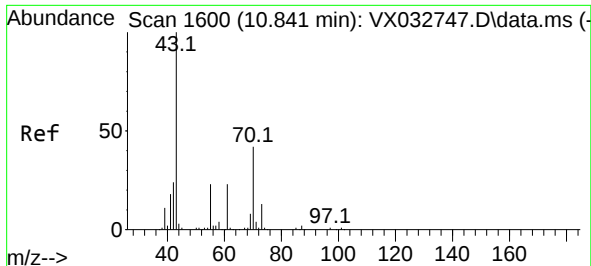
Lab File: VX032748.D

Acq: 11 Nov 2022 01:22

Tgt Ion: 41 Resp: 77863

Ion	Ratio	Lower	Upper
41	100		
69	75.9	50.5	151.5
39	63.2	34.6	103.8





#47

n-amyl acetate

Concen: 84.267 ug/l

RT: 10.842 min Scan# 142758

Delta R.T. 0.000 min

Lab File: VX032748.D

Acq: 11 Nov 2022 01:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 43 Resp: 142758

Ion Ratio Lower Upper

43 100

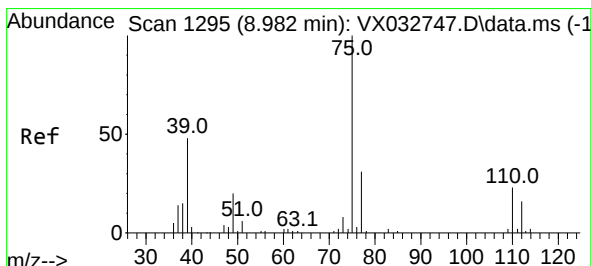
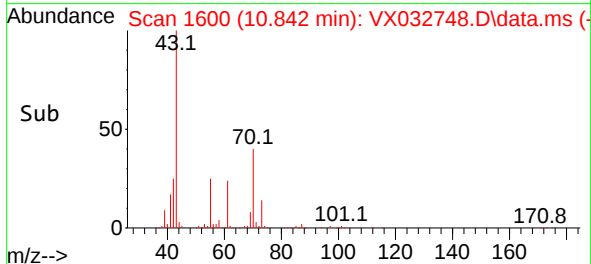
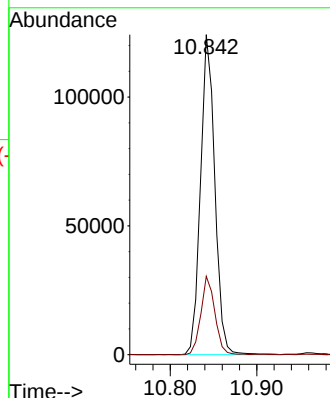
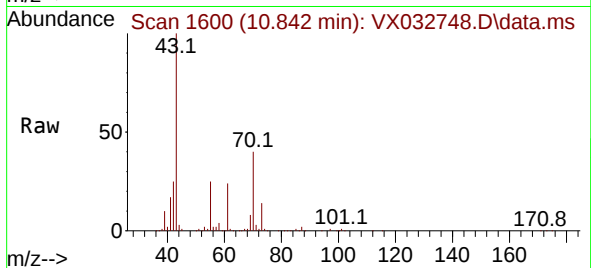
55 23.9 21.6 32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#48

t-1,3-Dichloropropene

Concen: 69.684 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX032748.D

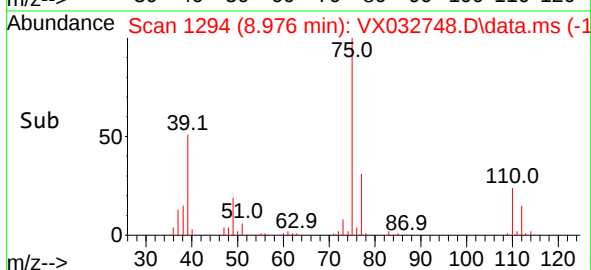
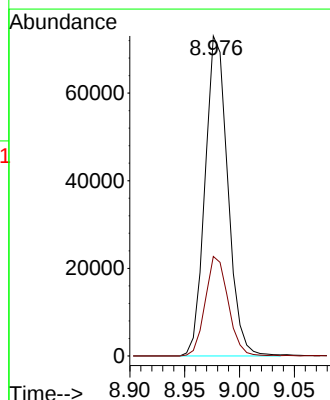
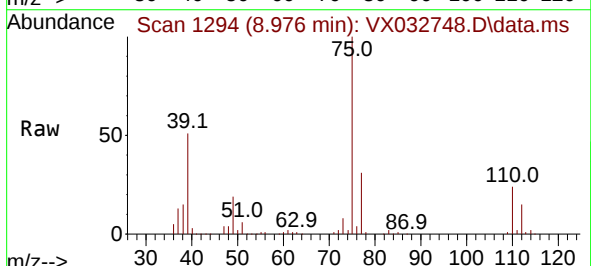
Acq: 11 Nov 2022 01:22

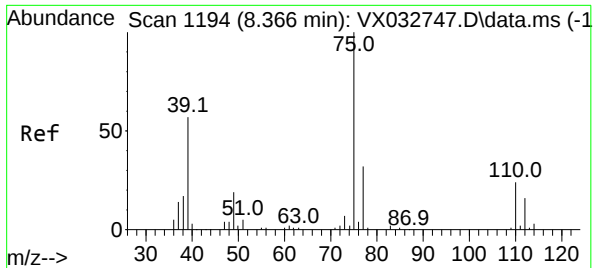
Tgt Ion: 75 Resp: 105345

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 67.226 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032748.D

Acq: 11 Nov 2022 01:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 11028

Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5

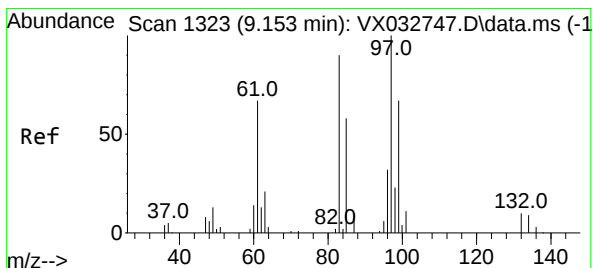
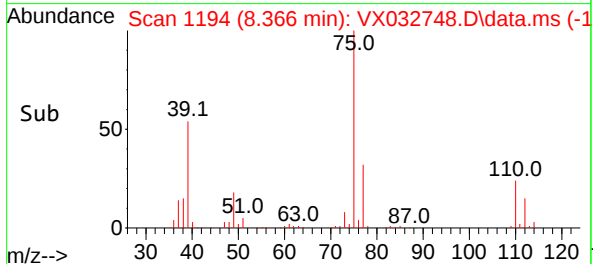
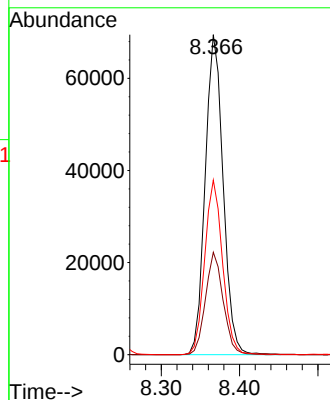
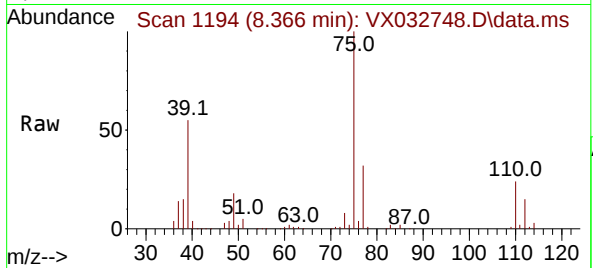
39 54.5 34.1 51.1

Manual Integrations

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Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#50

1,1,2-Trichloroethane

Concen: 61.566 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX032748.D

Acq: 11 Nov 2022 01:22

Tgt Ion: 97 Resp: 72315

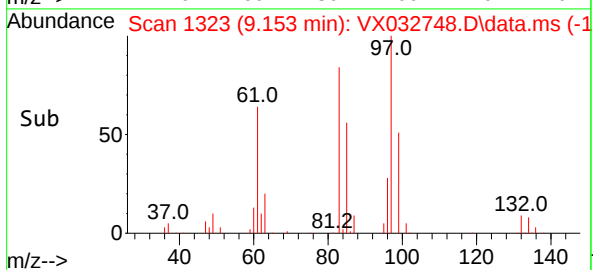
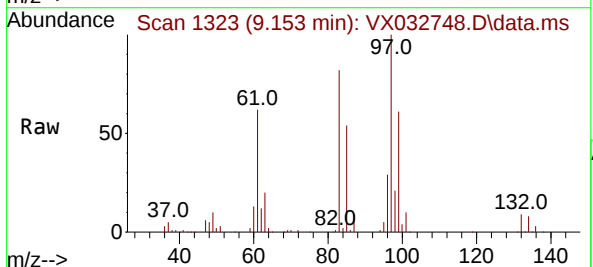
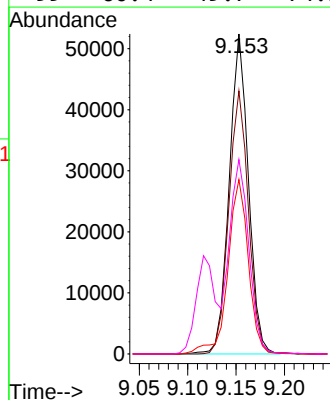
Ion Ratio Lower Upper

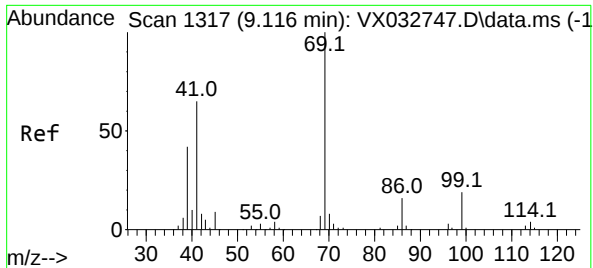
97 100

83 82.2 62.2 93.4

85 54.5 44.2 66.2

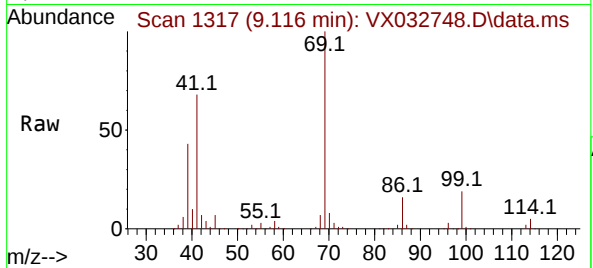
99 60.4 49.7 74.5





#51
Ethyl methacrylate
Concen: 70.350 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

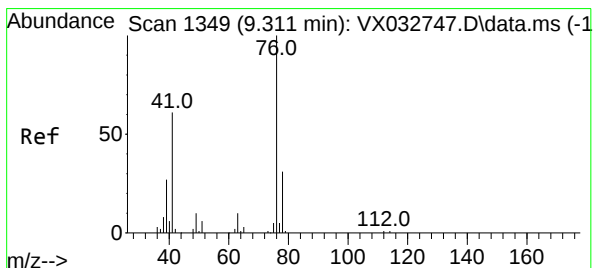
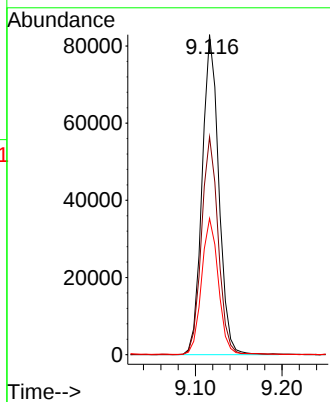
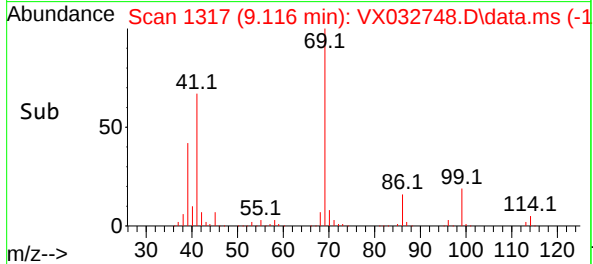
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



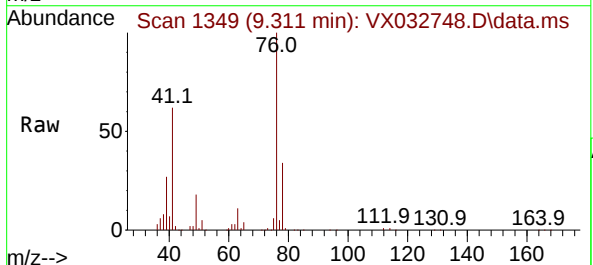
Tgt Ion: 69 Resp: 111060
Ion Ratio Lower Upper
69 100
41 68.0 25.9 77.7
39 42.5 17.8 53.3

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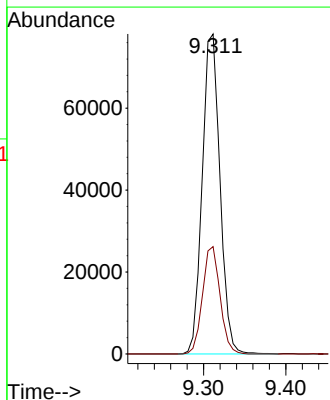
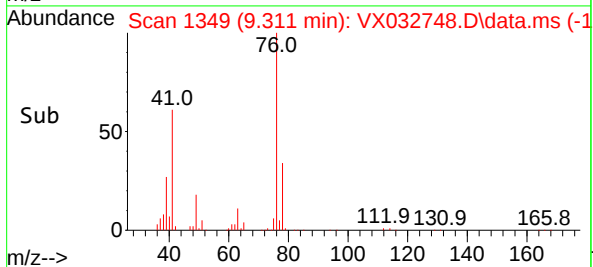
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

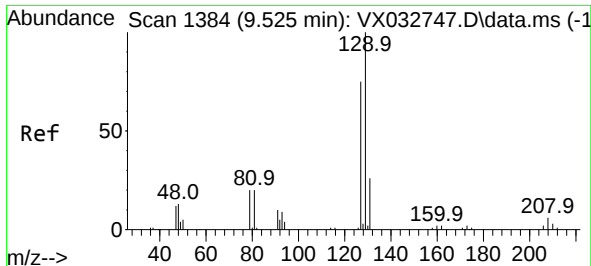


#52
1,3-Dichloropropane
Concen: 63.756 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22



Tgt Ion: 76 Resp: 117222
Ion Ratio Lower Upper
76 100
78 33.1 0.0 66.0





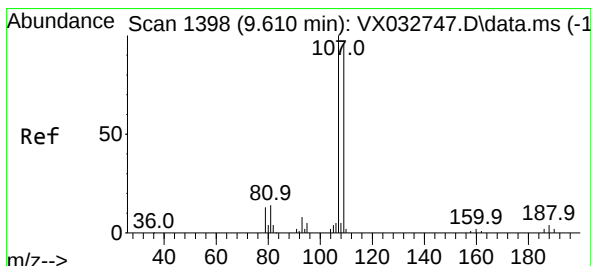
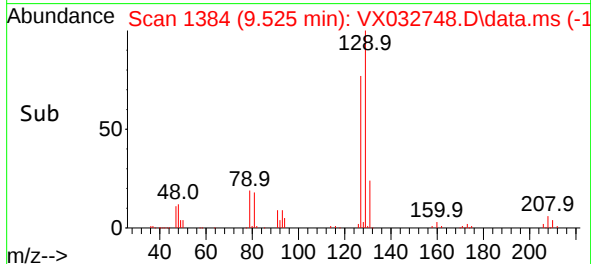
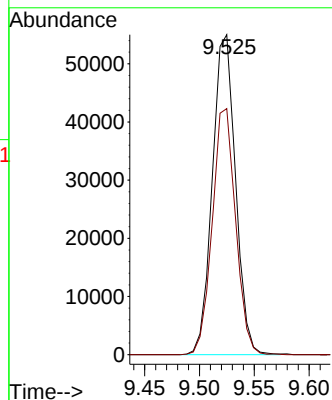
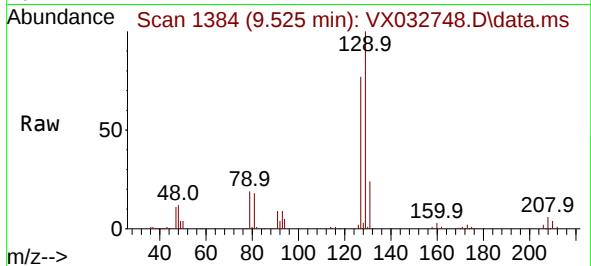
#53
Dibromochloromethane
Concen: 61.534 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:129 Resp: 8088
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0

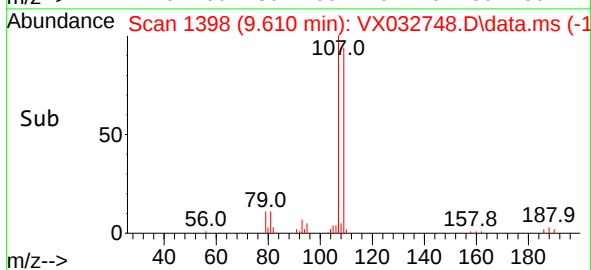
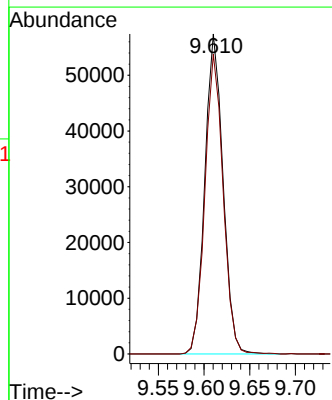
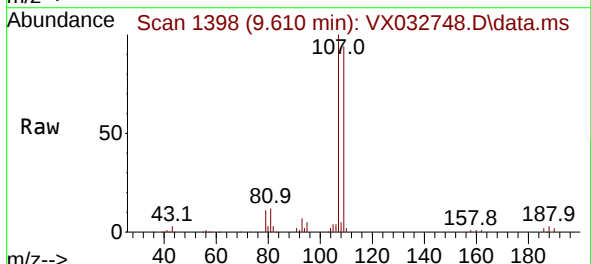
Manual Integrations
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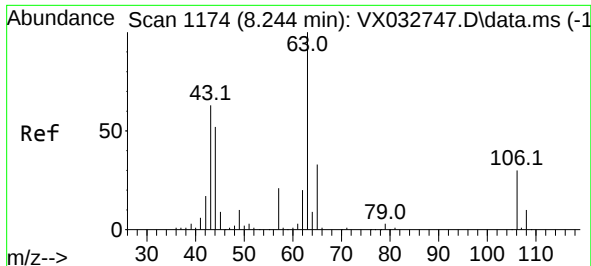
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#54
1,2-Dibromoethane
Concen: 61.069 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

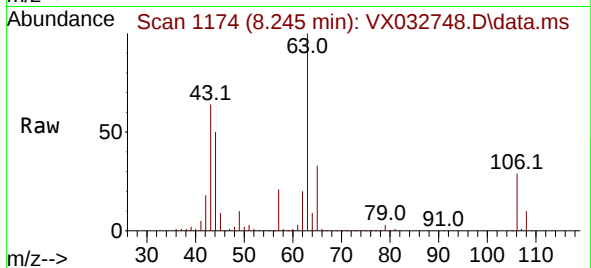
Tgt Ion:107 Resp: 79162
Ion Ratio Lower Upper
107 100
109 93.7 75.0 112.6





#55
2-Chloroethyl vinyl ether
Concen: 338.057 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

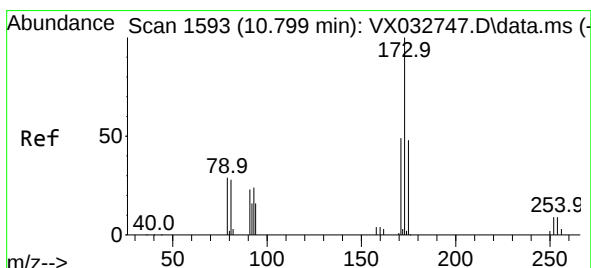
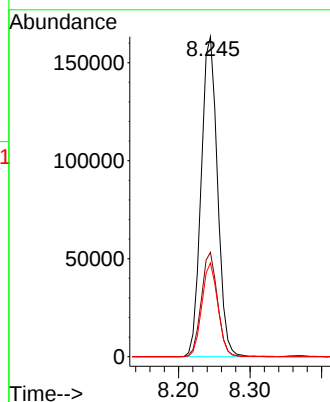
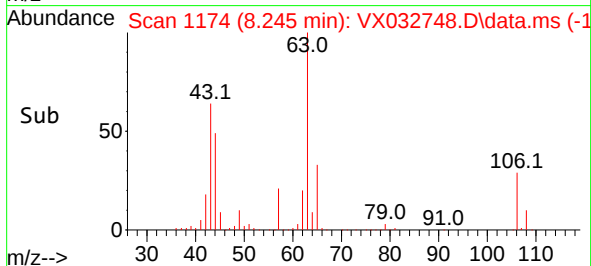
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 63 Resp: 25854
Ion Ratio Lower Upper
63 100
65 32.2 25.5 38.3
106 28.7 28.9 43.3

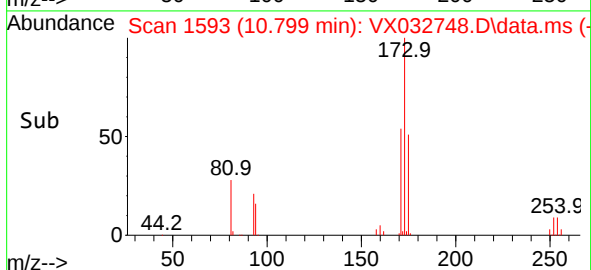
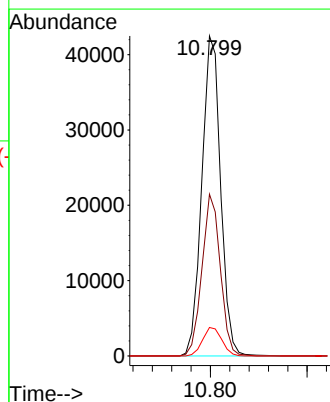
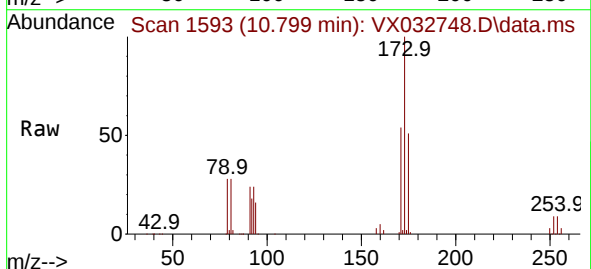
Manual Integrations
APPROVED

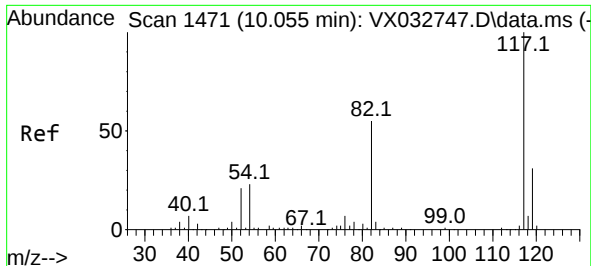
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#56
Bromoform
Concen: 59.633 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Tgt Ion:173 Resp: 57453
Ion Ratio Lower Upper
173 100
175 49.2 38.6 58.0
254 9.1 6.8 10.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032748.D

Acq: 11 Nov 2022 01:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 117 Resp: 9371

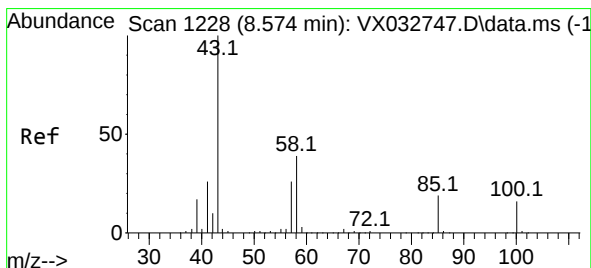
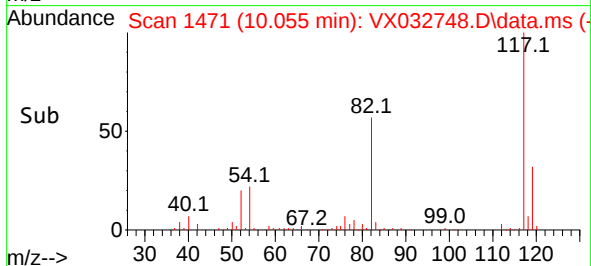
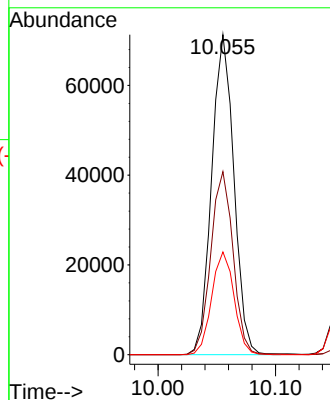
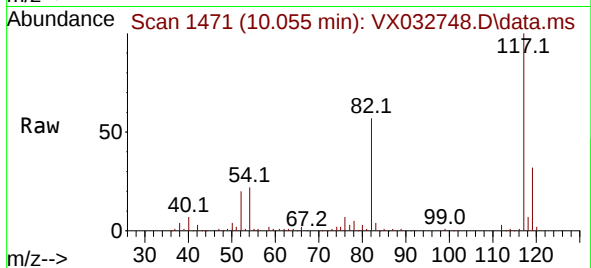
Ion	Ratio	Lower	Upper
117	100		
82	57.4	40.0	60.0
119	32.4	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#58

4-Methyl-2-Pentanone

Concen: 347.198 ug/l

RT: 8.574 min Scan# 1228

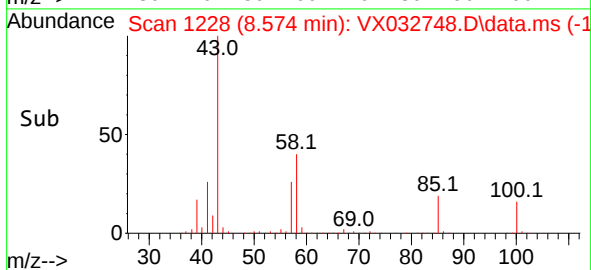
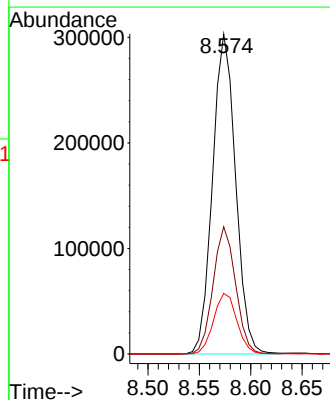
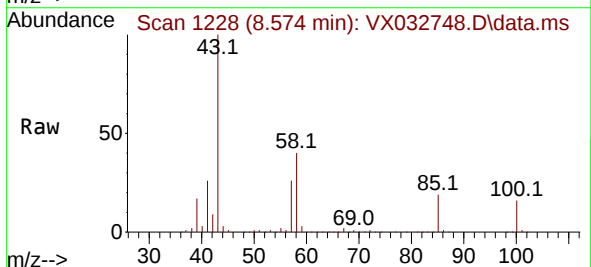
Delta R.T. 0.000 min

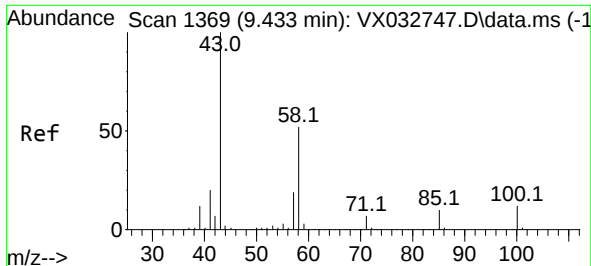
Lab File: VX032748.D

Acq: 11 Nov 2022 01:22

Tgt Ion: 43 Resp: 472112

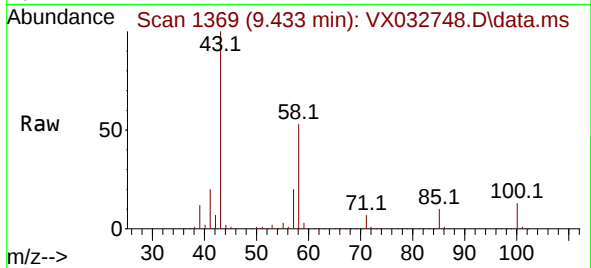
Ion	Ratio	Lower	Upper
43	100		
58	38.9	34.9	52.3
85	19.3	19.4	29.2





#59
2-Hexanone
Concen: 348.109 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

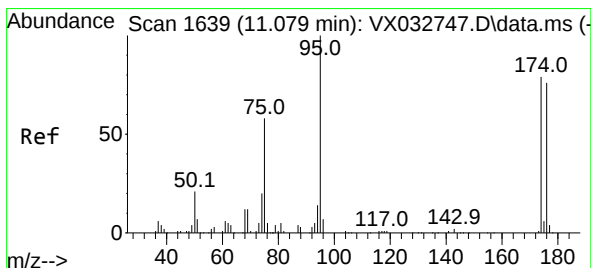
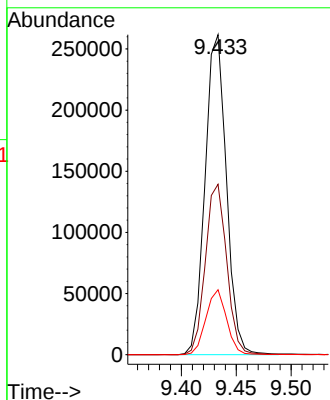
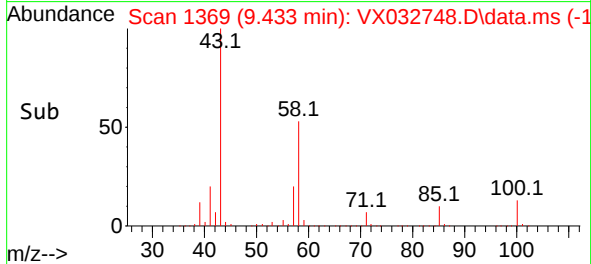
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 353059
Ion Ratio Lower Upper
43 100
58 53.5 49.0 73.6
57 19.7 17.0 25.4

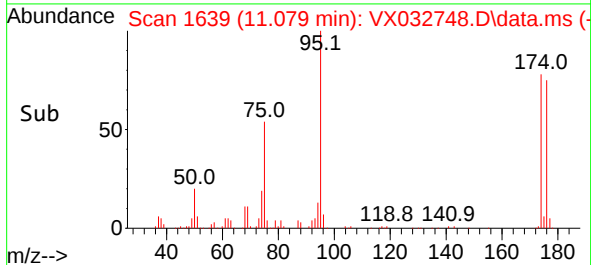
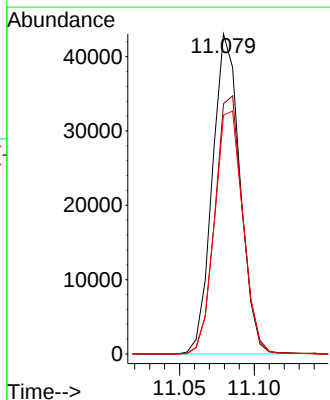
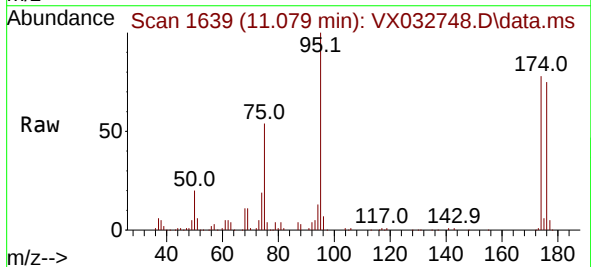
Manual Integrations
APPROVED

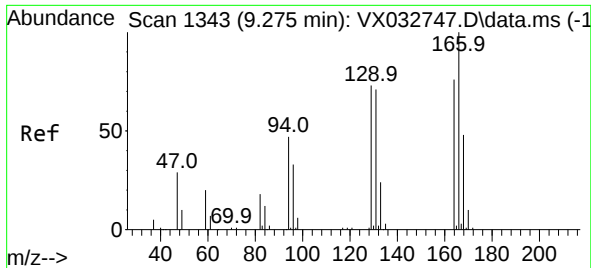
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#60
4-Bromofluorobenzene
Concen: 31.986 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Tgt Ion: 95 Resp: 55166
Ion Ratio Lower Upper
95 100
174 81.2 68.2 102.2
176 78.3 68.1 102.1





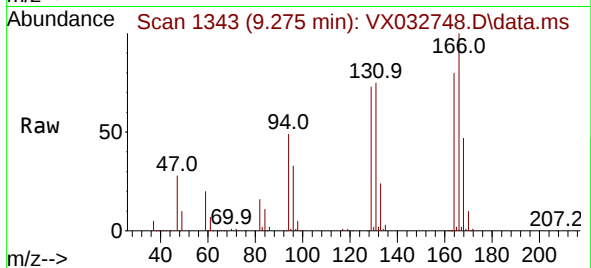
#61
Tetrachloroethene
Concen: 45.221 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050



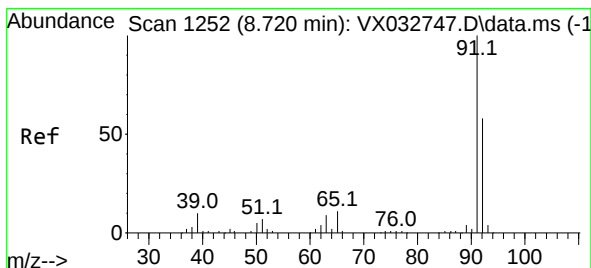
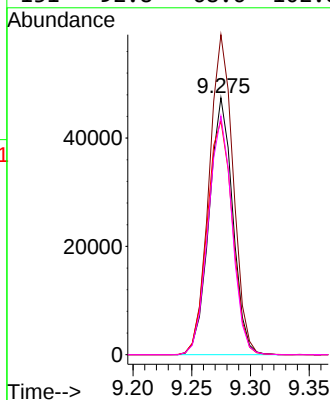
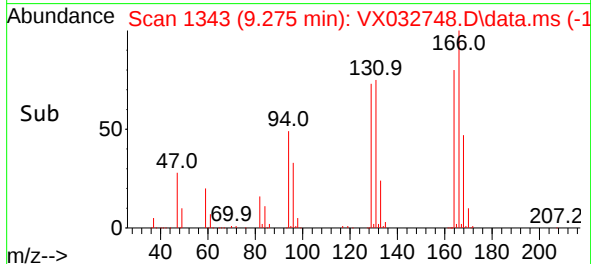
Tgt Ion:164 Resp: 66235
Ion Ratio Lower Upper
164 100
166 124.5 102.8 154.2
129 90.8 73.0 109.4
131 92.8 68.6 102.8

Manual Integrations

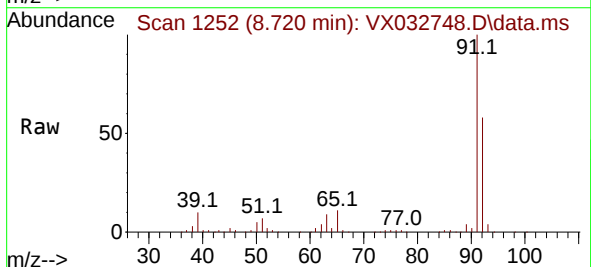
APPROVED

Reviewed By :John Carlone 11/11/2022

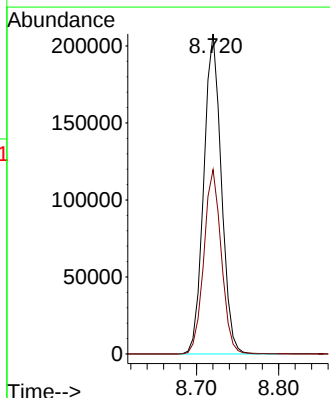
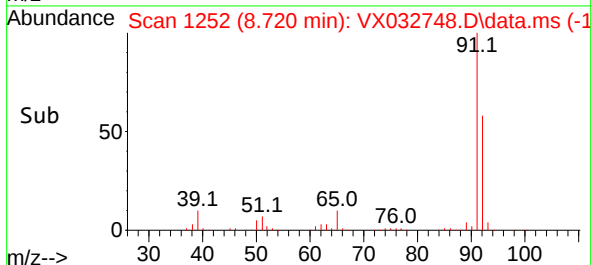
Supervised By :Mahesh Dadoda 11/11/2022

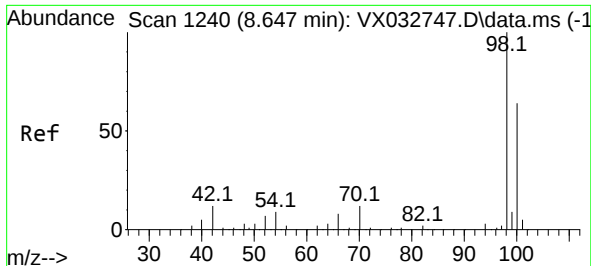


#62
Toluene
Concen: 56.357 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22



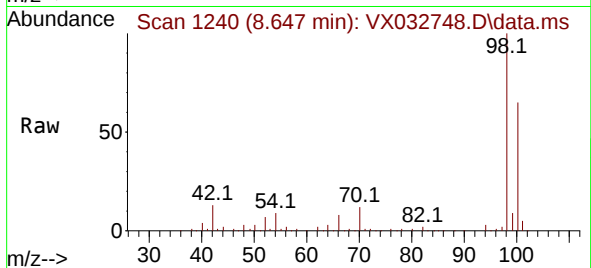
Tgt Ion: 91 Resp: 308475
Ion Ratio Lower Upper
91 100
92 57.2 47.3 70.9





#63
Toluene-d8
Concen: 21.929 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

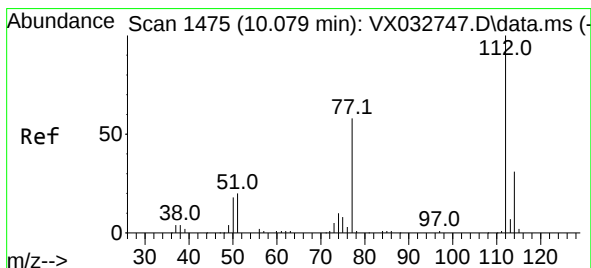
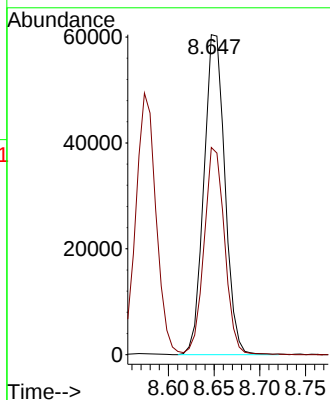
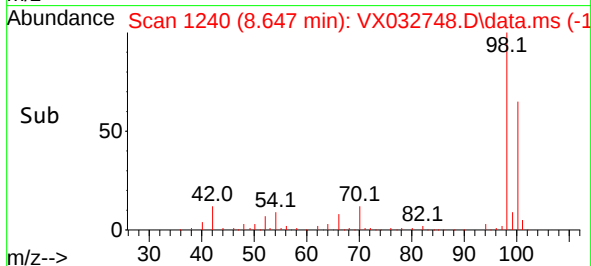
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 98 Resp: 96649
Ion Ratio Lower Upper
98 100
100 63.3 53.8 80.8

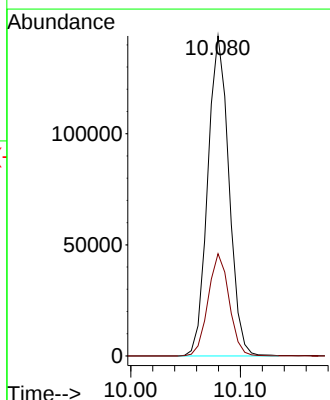
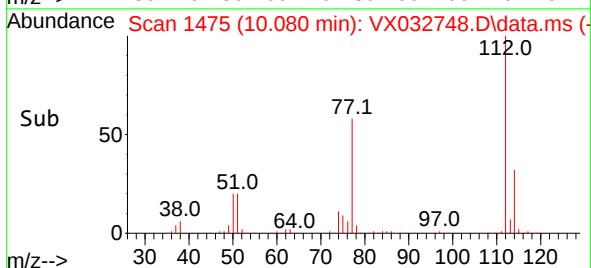
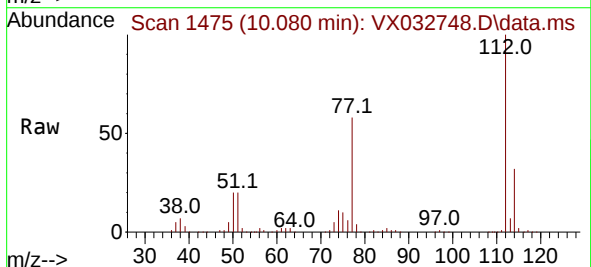
Manual Integrations
APPROVED

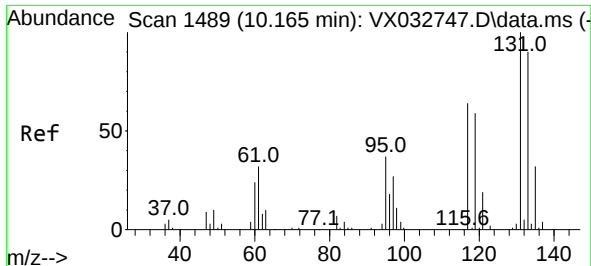
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#64
Chlorobenzene
Concen: 52.855 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Tgt Ion:112 Resp: 193438
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5





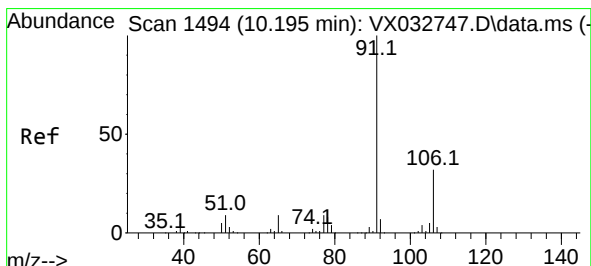
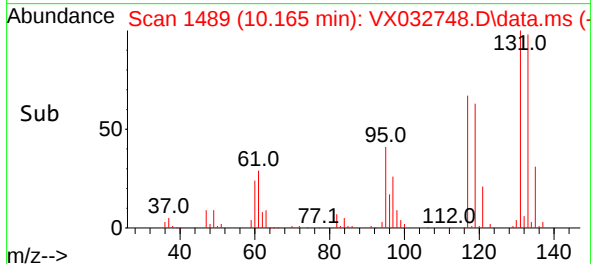
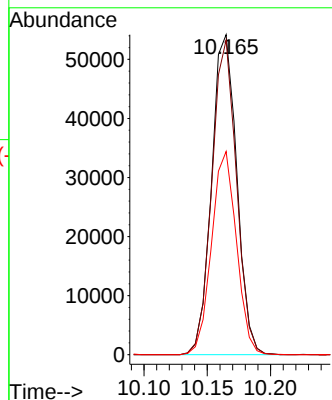
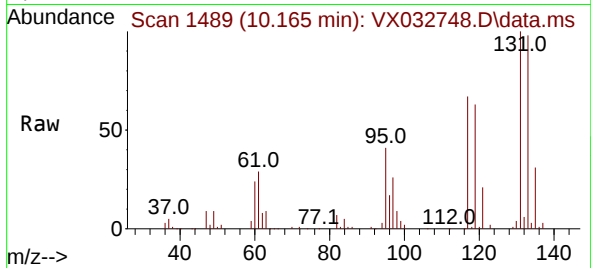
#65
1,1,1,2-Tetrachloroethane
Concen: 53.554 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:131 Resp: 74969
Ion Ratio Lower Upper
131 100
133 96.1 0.0 189.4
119 62.7 0.0 127.0

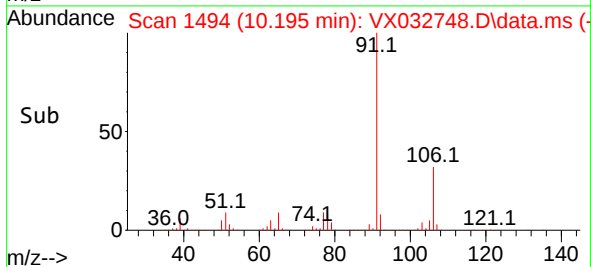
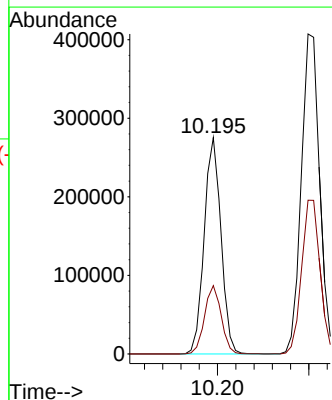
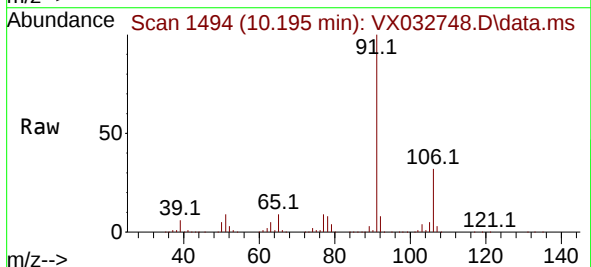
Manual Integrations
APPROVED

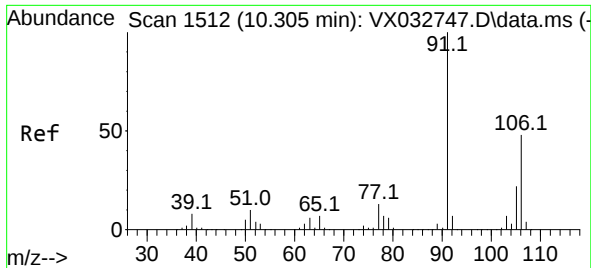
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#66
Ethyl Benzene
Concen: 57.294 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Tgt Ion: 91 Resp: 352041
Ion Ratio Lower Upper
91 100
106 31.6 26.7 40.1





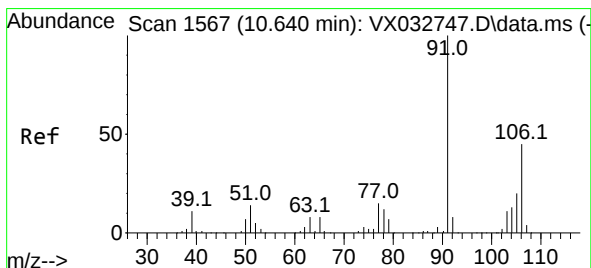
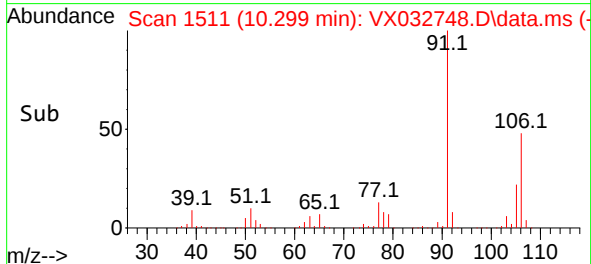
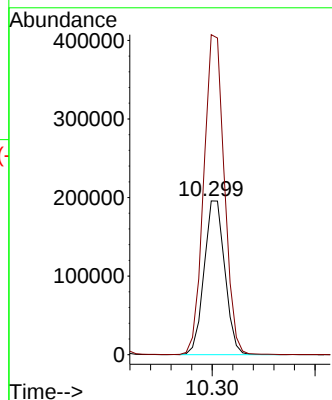
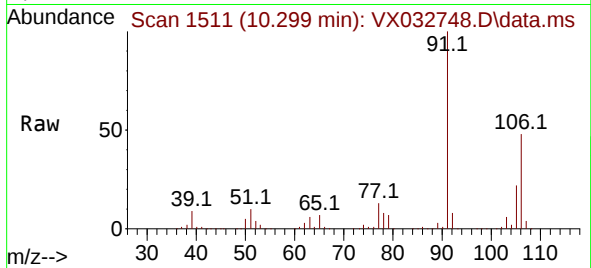
#67
m/p-Xylenes
Concen: 109.170 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 27477
Ion Ratio Lower Upper
106 100
91 206.5 152.3 228.5

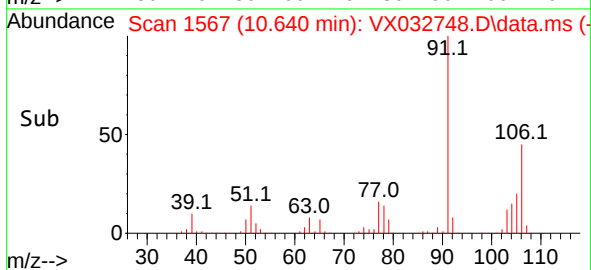
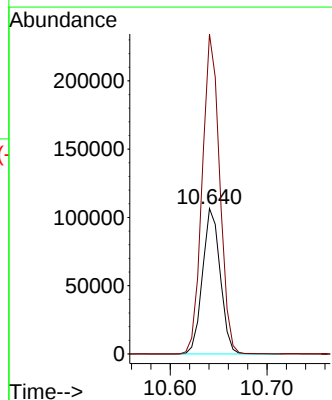
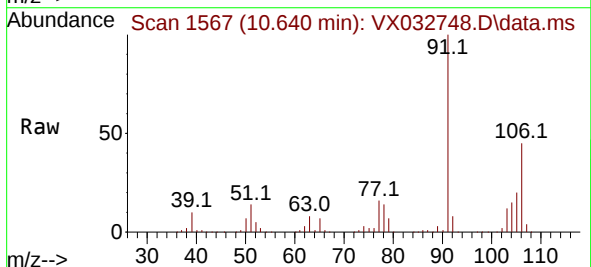
Manual Integrations
APPROVED

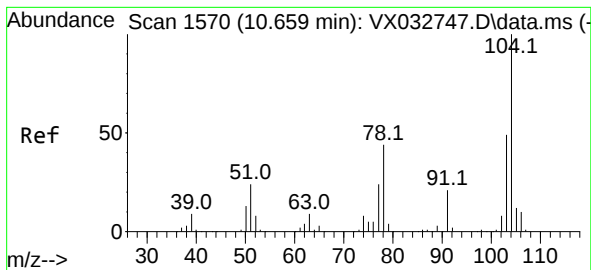
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#68
o-Xylene
Concen: 54.770 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Tgt Ion:106 Resp: 135707
Ion Ratio Lower Upper
106 100
91 217.1 101.9 305.7





#69

Styrene

Concen: 56.050 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX032748.D

Acq: 11 Nov 2022 01:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:104 Resp: 22643

Ion Ratio Lower Upper

104 100

78 53.0 36.6 55.0

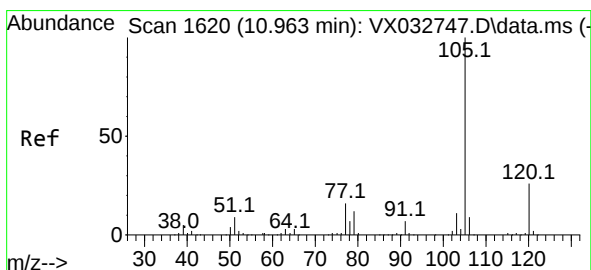
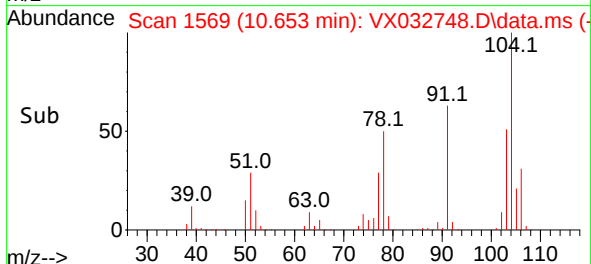
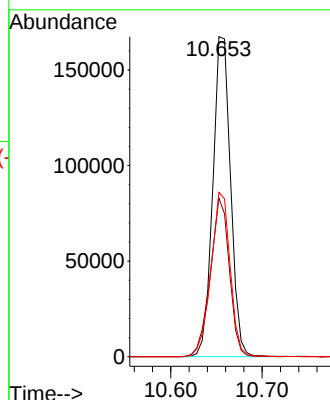
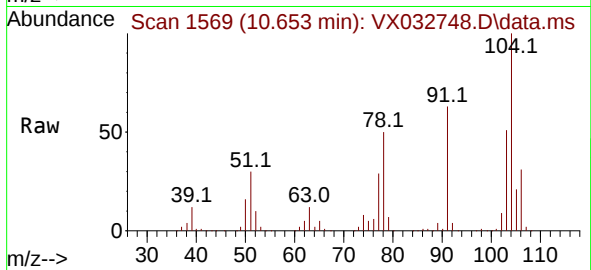
103 55.2 43.3 64.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#70

Isopropylbenzene

Concen: 56.122 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX032748.D

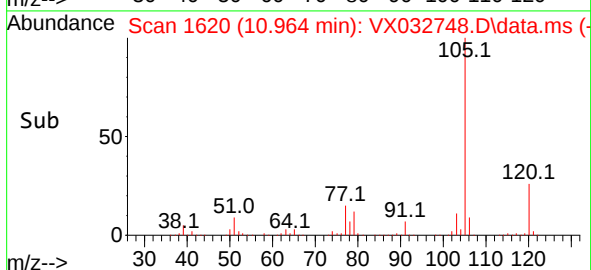
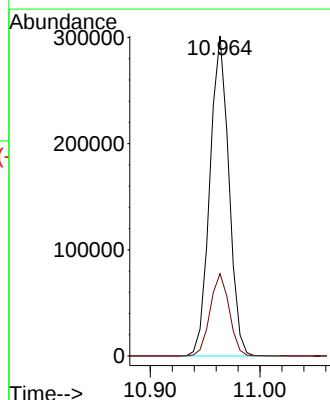
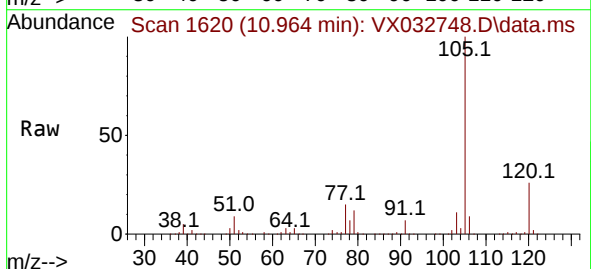
Acq: 11 Nov 2022 01:22

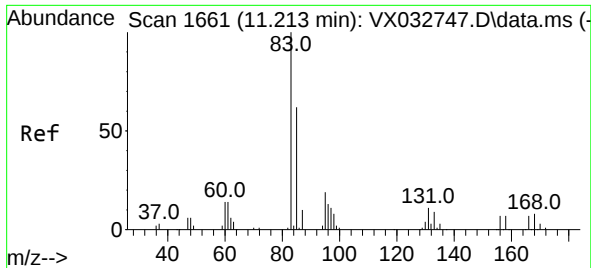
Tgt Ion:105 Resp: 362525

Ion Ratio Lower Upper

105 100

120 25.9 19.3 35.9





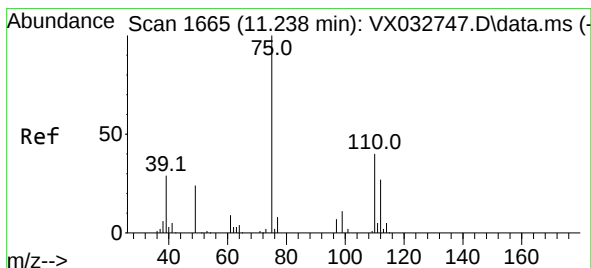
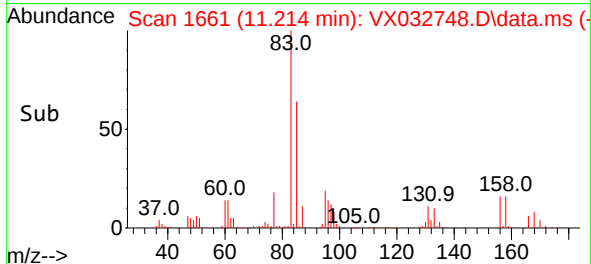
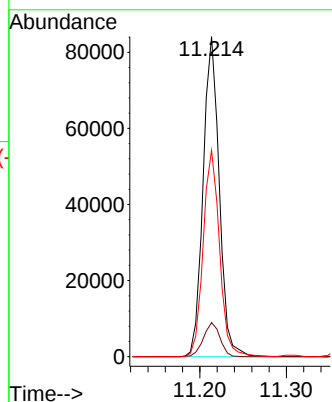
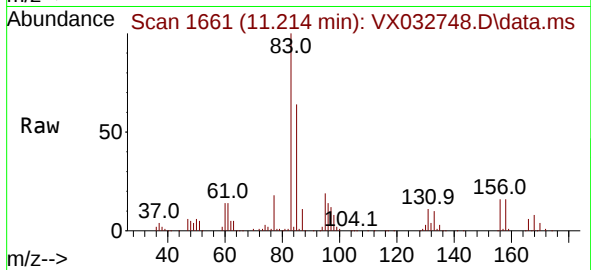
#71
1,1,2,2-Tetrachloroethane
Concen: 58.260 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 83 Resp: 108950
Ion Ratio Lower Upper
83 100
131 10.9 6.0 18.1
85 65.2 32.8 98.3

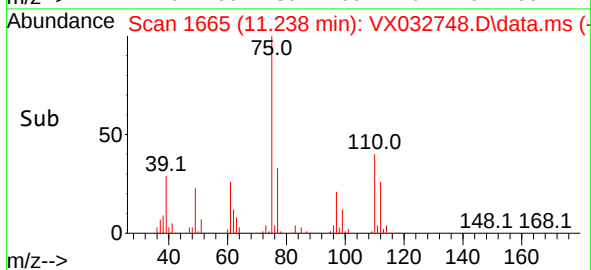
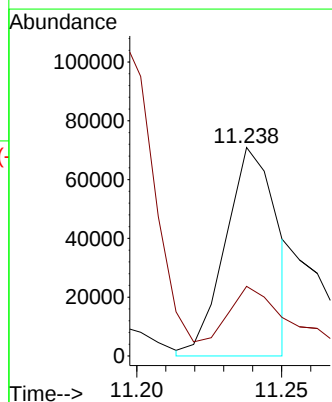
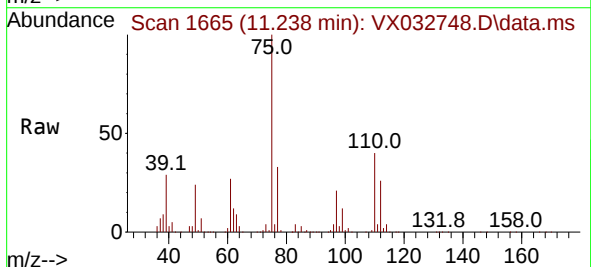
Manual Integrations
APPROVED

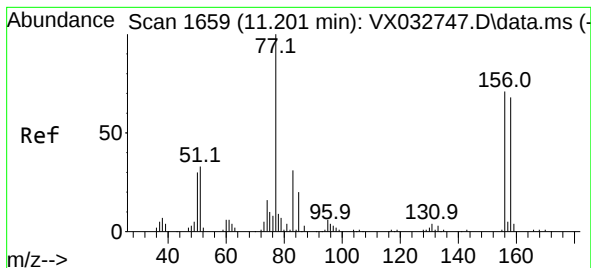
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#72
1,2,3-Trichloropropane
Concen: 53.890 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Tgt Ion: 75 Resp: 87657
Ion Ratio Lower Upper
75 100
77 43.5 0.0 76.6





#73

Bromobenzene

Concen: 50.963 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032748.D

Acq: 11 Nov 2022 01:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

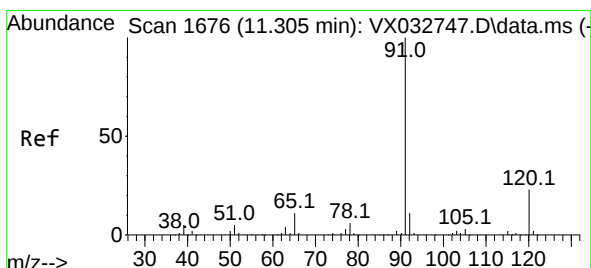
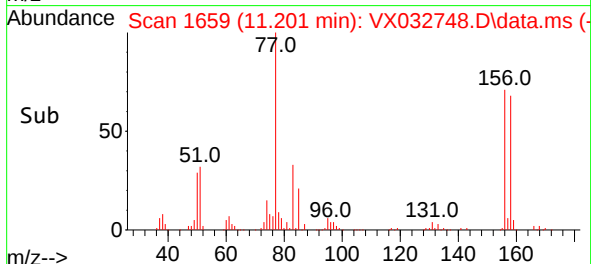
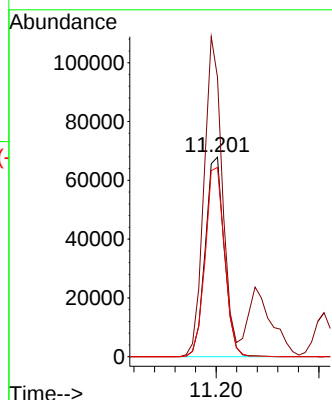
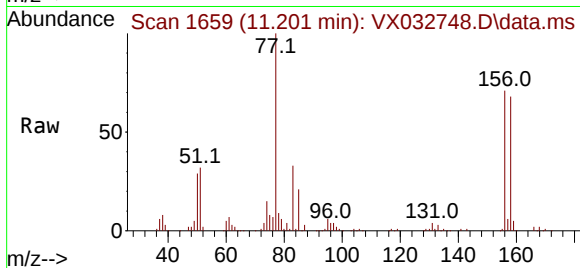
Tgt Ion:	156	Resp:	87248
Ion Ratio	Lower	Upper	
156	100		
77	153.7	0.0	259.2
158	96.5	0.0	193.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#74

n-propylbenzene

Concen: 58.528 ug/l

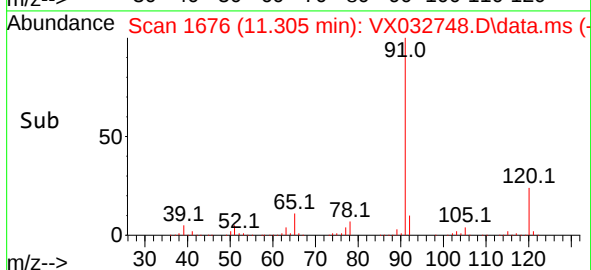
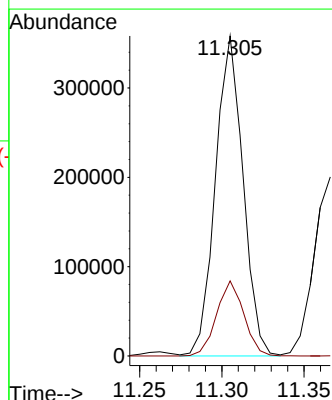
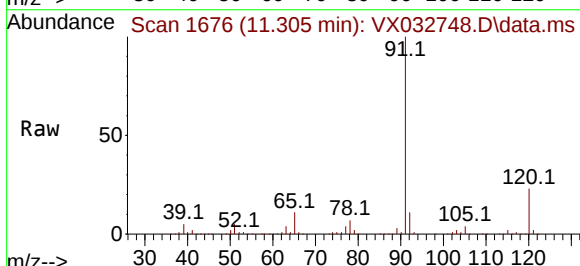
RT: 11.305 min Scan# 1676

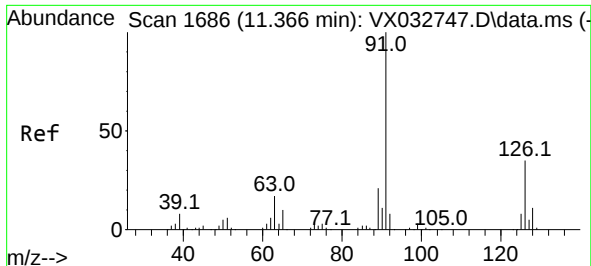
Delta R.T. 0.000 min

Lab File: VX032748.D

Acq: 11 Nov 2022 01:22

Tgt Ion:	91	Resp:	418195
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	51.0





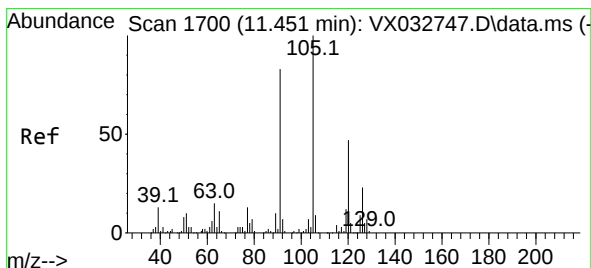
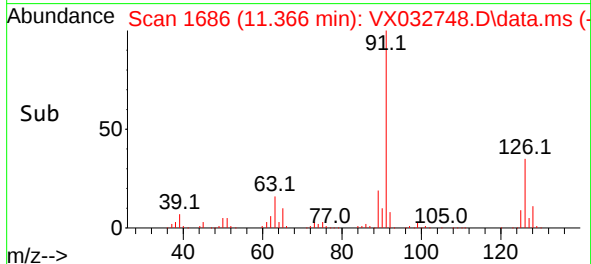
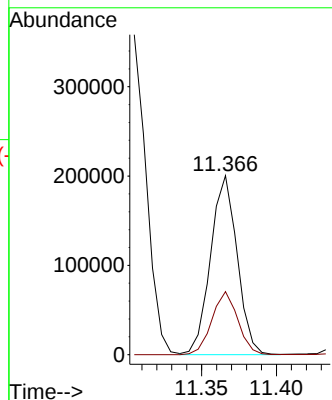
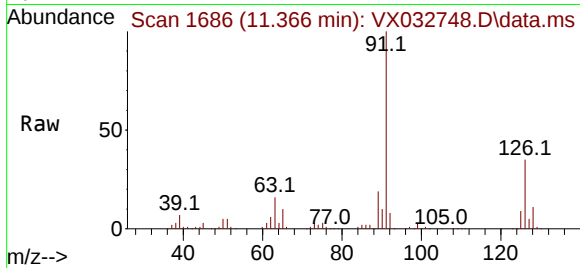
#75
2-Chlorotoluene
Concen: 57.581 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 247882
Ion Ratio Lower Upper
91 100
126 34.3 0.0 76.4

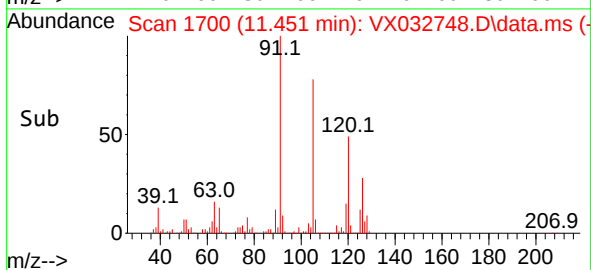
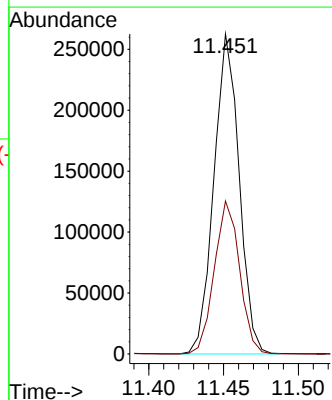
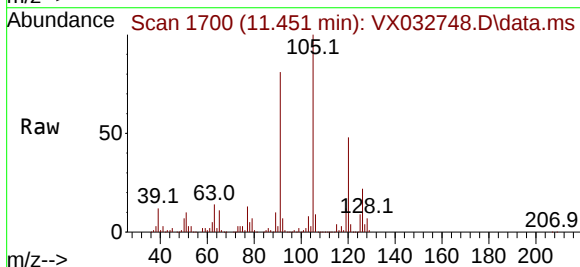
Manual Integrations
APPROVED

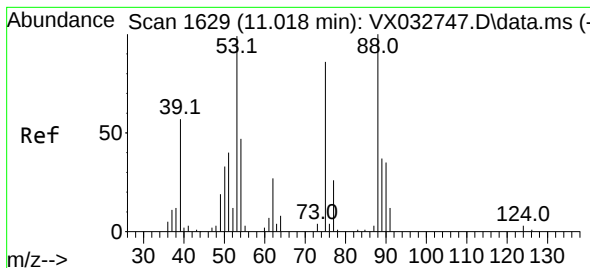
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#76
1,3,5-Trimethylbenzene
Concen: 56.575 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

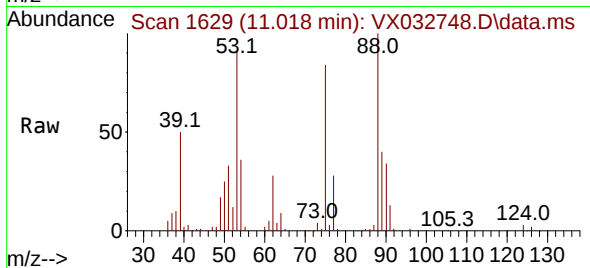
Tgt Ion:105 Resp: 307863
Ion Ratio Lower Upper
105 100
120 47.9 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 62.654 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

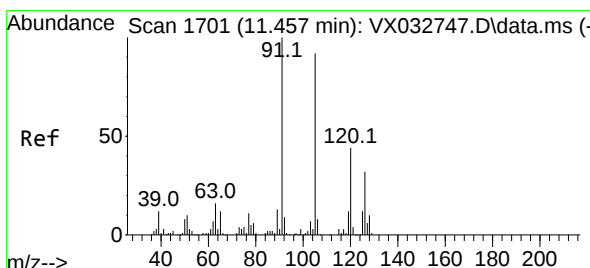
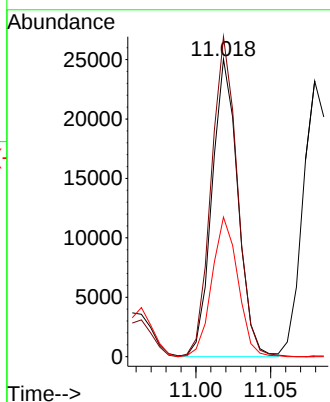
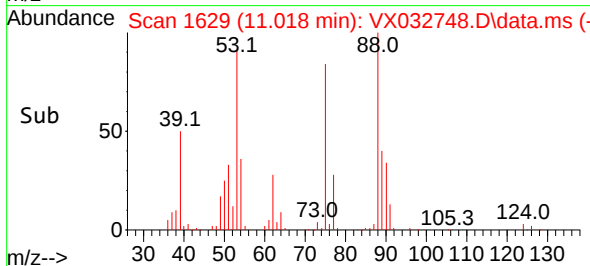
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 75 Resp: 30178
Ion Ratio Lower Upper
75 100
53 107.9 51.8 155.4
89 47.0 22.9 68.8

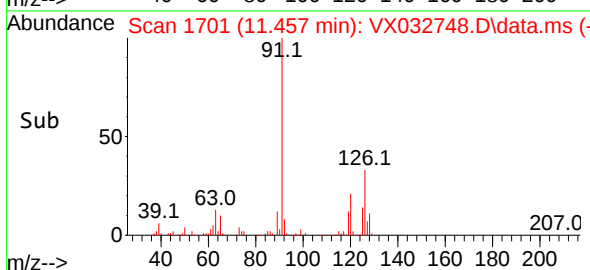
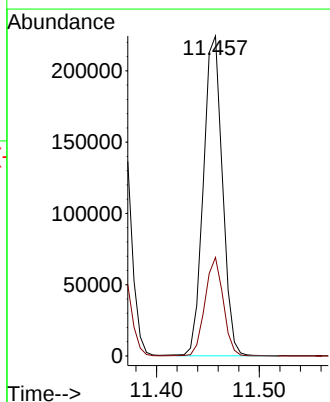
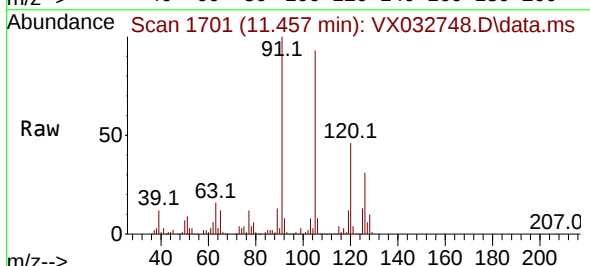
Manual Integrations
APPROVED

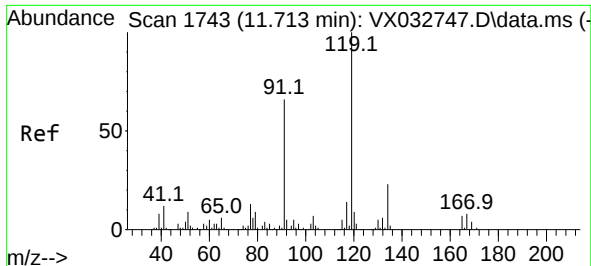
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#78
4-Chlorotoluene
Concen: 58.764 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

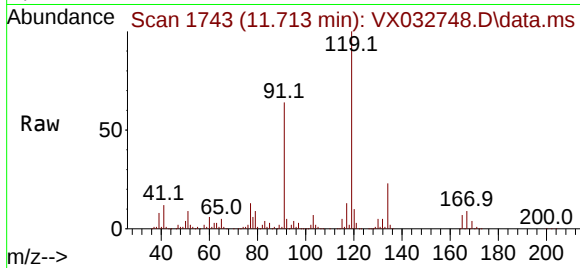
Tgt Ion: 91 Resp: 288392
Ion Ratio Lower Upper
91 100
126 29.5 0.0 67.0





#79
tert-butylbenzene
Concen: 54.529 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

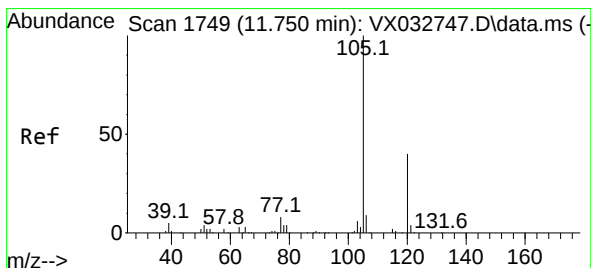
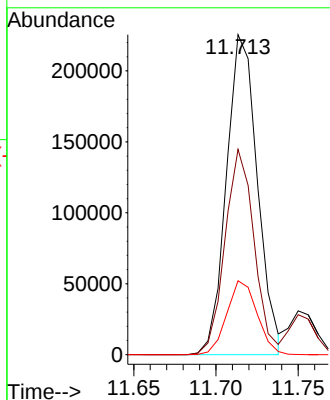
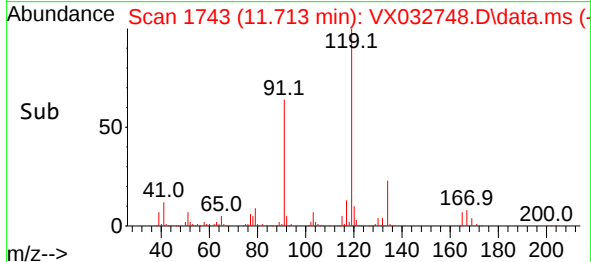
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



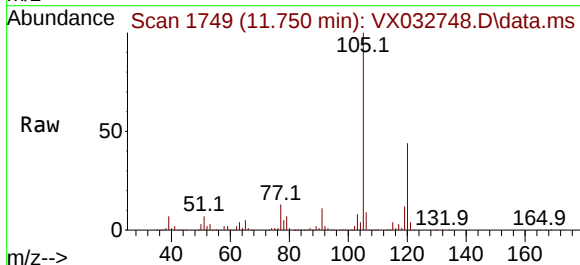
Tgt Ion:119 Resp: 296154
Ion Ratio Lower Upper
119 100
91 60.5 0.0 112.0
134 22.6 0.0 51.0

Manual Integrations
APPROVED

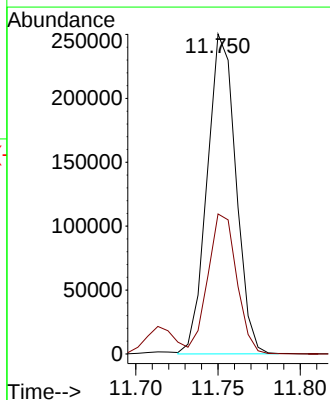
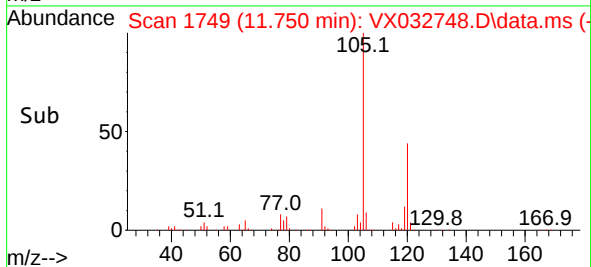
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

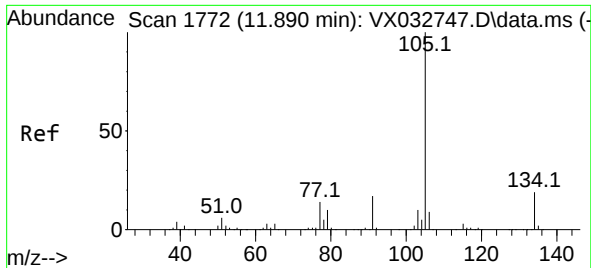


#80
1,2,4-Trimethylbenzene
Concen: 56.348 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22



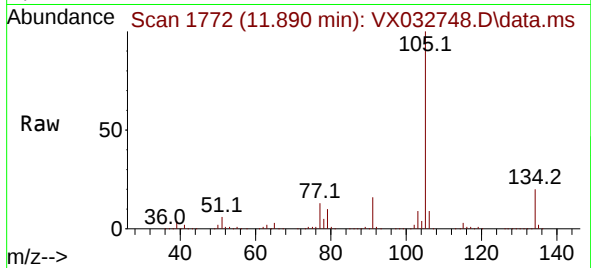
Tgt Ion:105 Resp: 304075
Ion Ratio Lower Upper
105 100
120 43.9 0.0 95.0





#81
 sec-Butylbenzene
 Concen: 54.943 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032748.D
 Acq: 11 Nov 2022 01:22

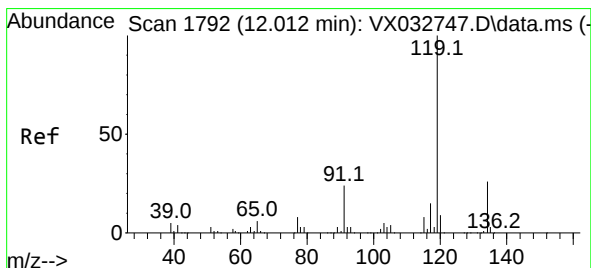
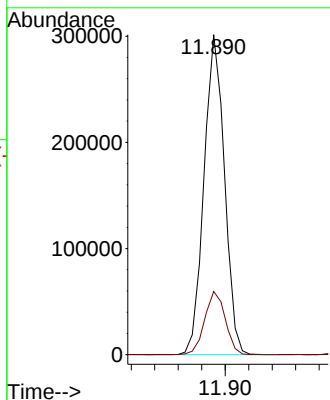
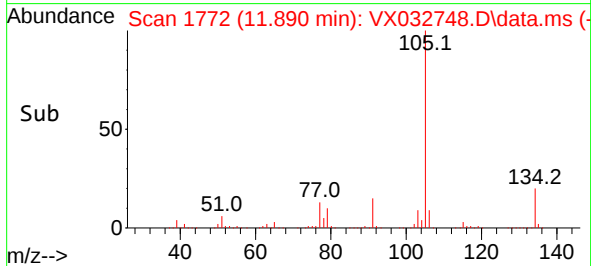
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



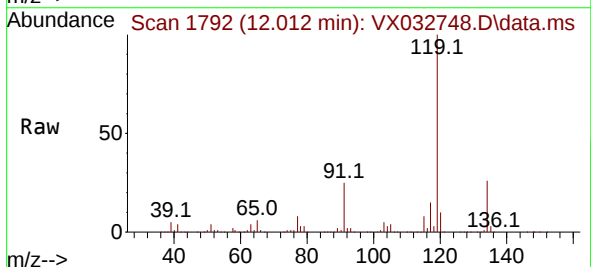
Tgt Ion:105 Resp: 36461
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 44.4

Manual Integrations
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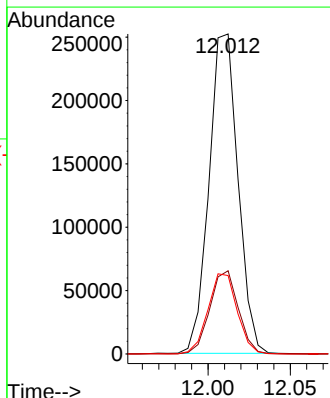
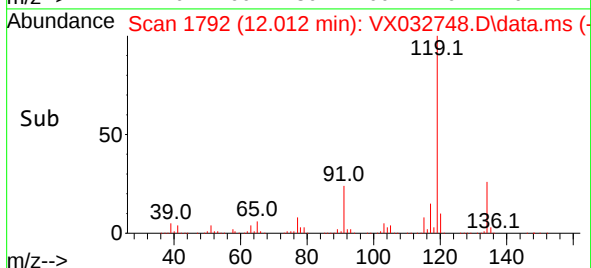
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

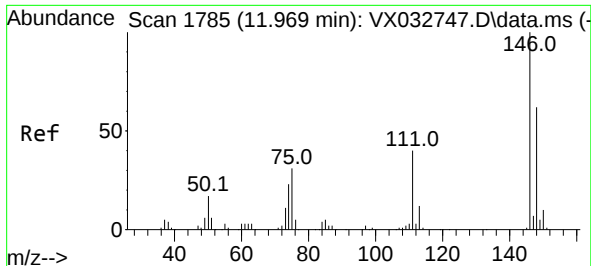


#82
 p-Isopropyltoluene
 Concen: 53.440 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032748.D
 Acq: 11 Nov 2022 01:22



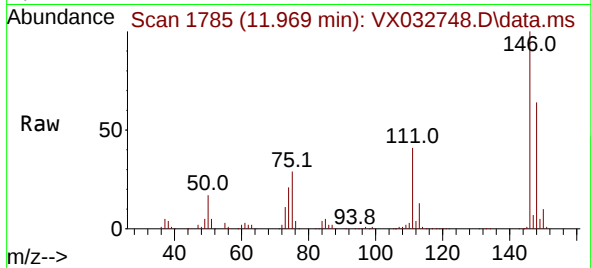
Tgt Ion:119 Resp: 309040
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 55.4
 91 25.4 0.0 45.6





#83
1,3-Dichlorobenzene
Concen: 50.273 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

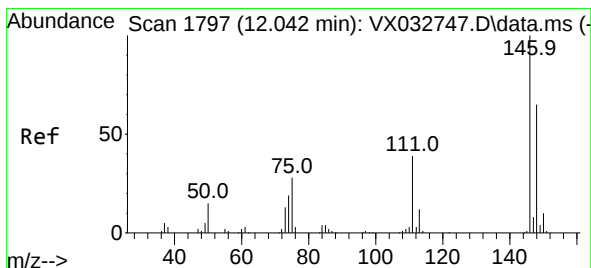
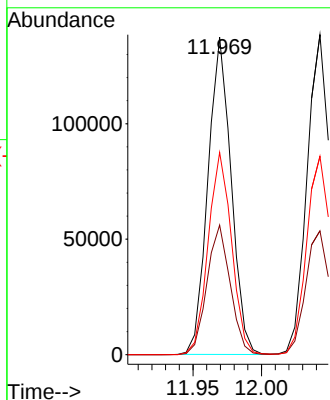
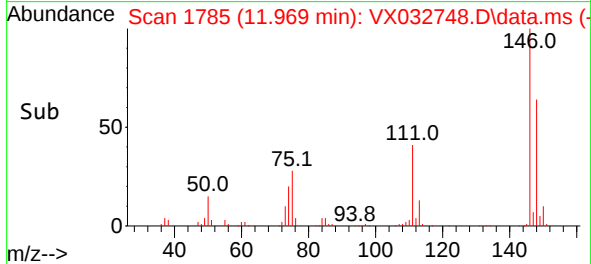
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



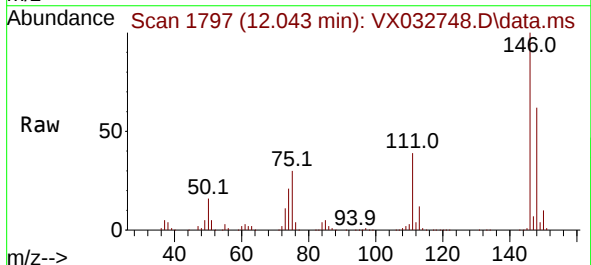
Tgt Ion:146 Resp: 16225
Ion Ratio Lower Upper
146 100
111 40.7 19.4 58.1
148 64.3 32.6 97.7

Manual Integrations
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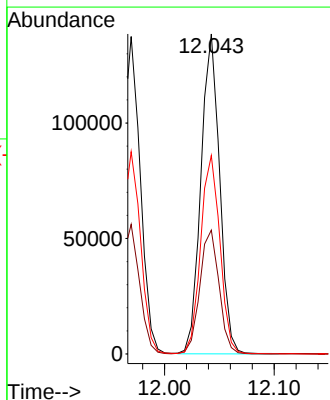
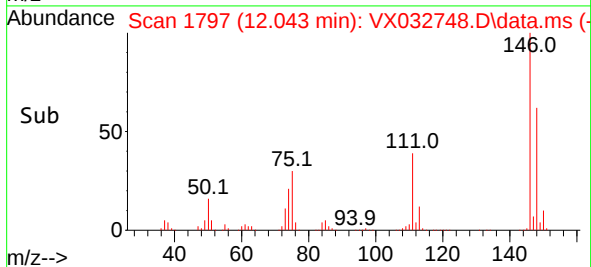
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

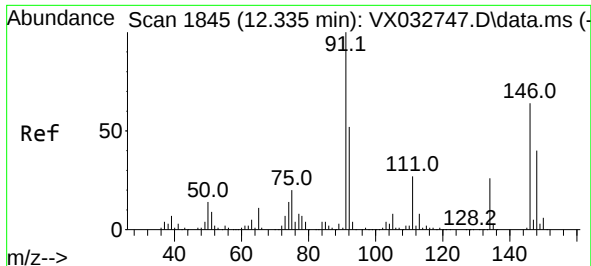


#84
1,4-Dichlorobenzene
Concen: 49.972 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22



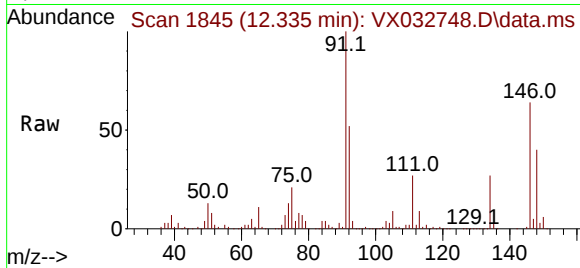
Tgt Ion:146 Resp: 164162
Ion Ratio Lower Upper
146 100
111 39.9 18.9 56.5
148 64.0 31.6 95.0





#85
n-Butylbenzene
Concen: 56.931 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

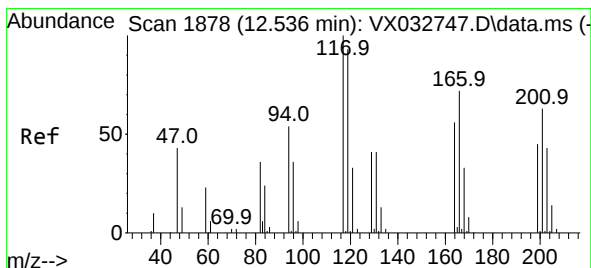
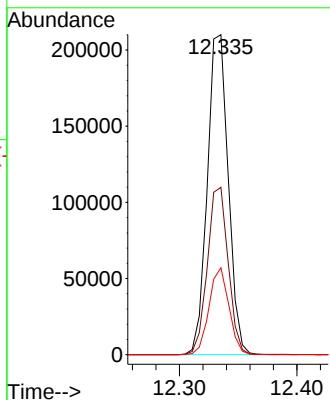
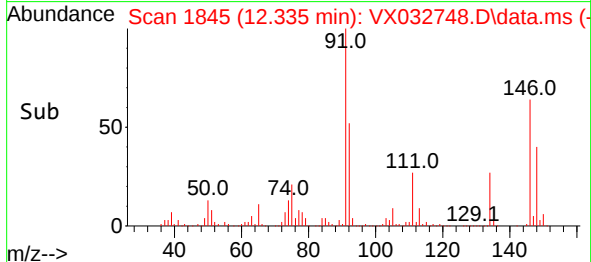
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 91 Resp: 259850
Ion Ratio Lower Upper
91 100
92 52.1 0.0 108.4
134 25.9 0.0 60.6

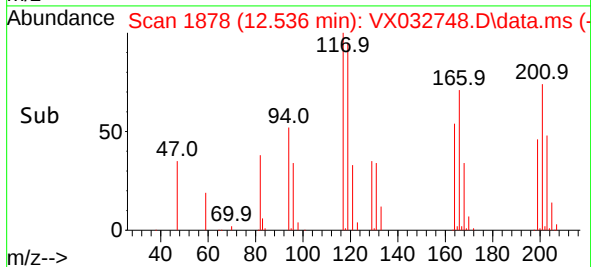
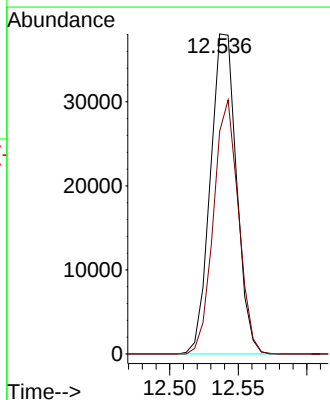
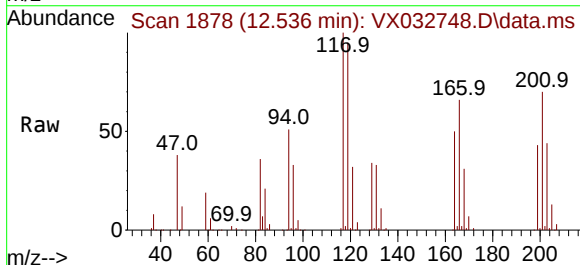
Manual Integrations
APPROVED

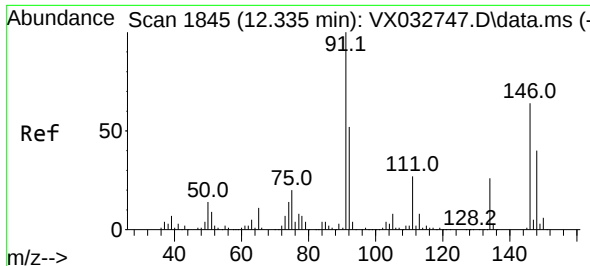
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#86
Hexachloroethane
Concen: 54.800 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

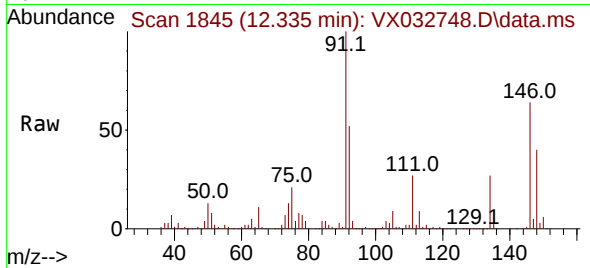
Tgt Ion:117 Resp: 50563
Ion Ratio Lower Upper
117 100
201 75.4 37.7 113.1





#87
1,2-Dichlorobenzene
Concen: 50.302 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

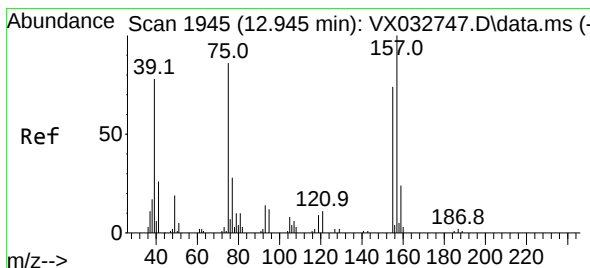
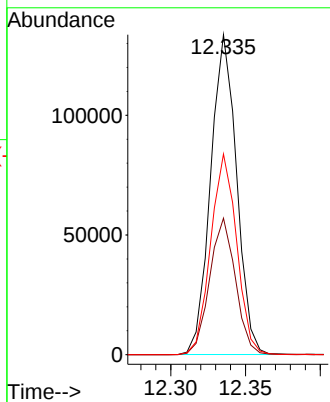
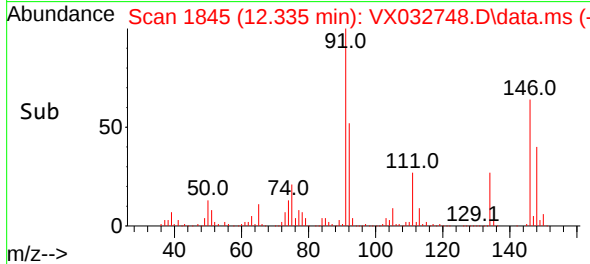
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



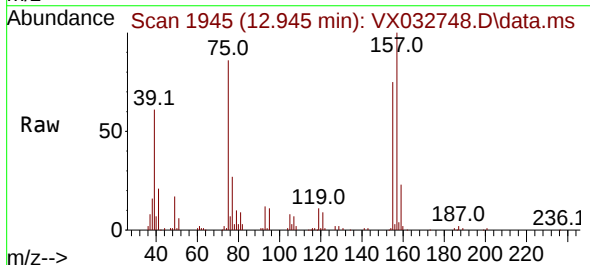
Tgt Ion:146 Resp: 161420
Ion Ratio Lower Upper
146 100
111 42.4 20.0 60.0
148 62.9 33.0 99.0

Manual Integrations
APPROVED

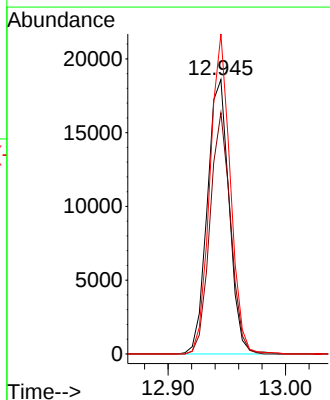
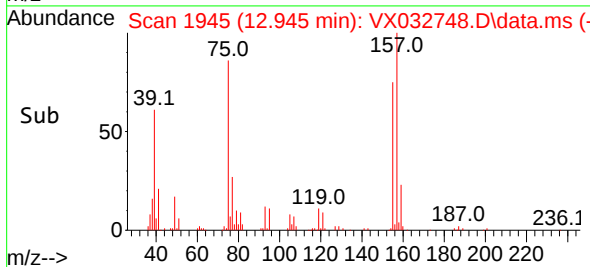
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

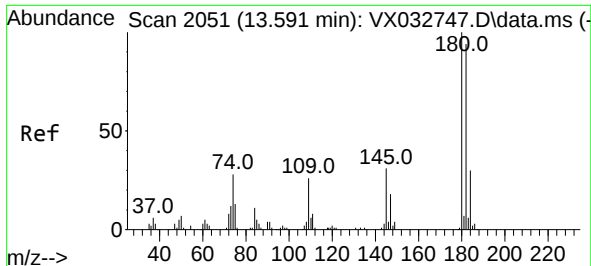


#88
1,2-Dibromo-3-Chloropropane
Concen: 63.838 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22



Tgt Ion: 75 Resp: 24011
Ion Ratio Lower Upper
75 100
155 82.8 85.0 127.6#
157 108.7 101.0 151.6





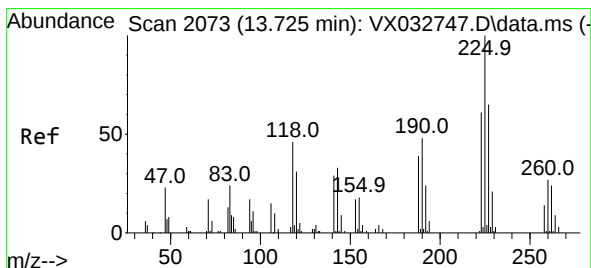
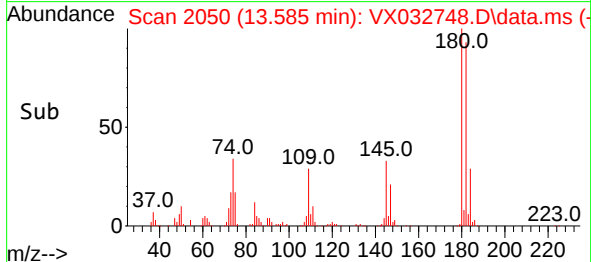
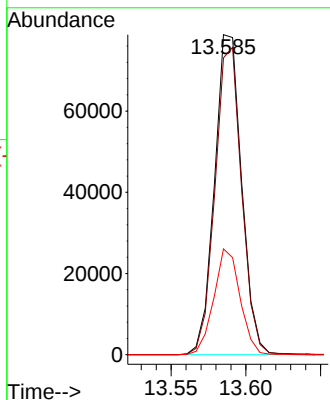
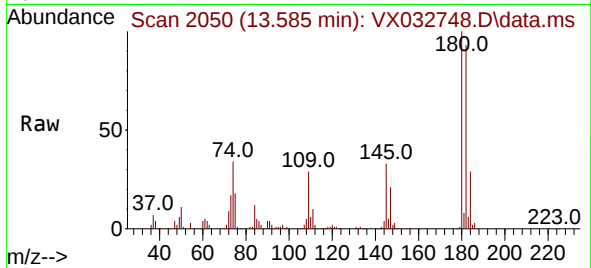
#89
1,2,4-Trichlorobenzene
Concen: 47.689 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:180 Resp: 9927
Ion Ratio Lower Upper
180 100
182 94.2 75.3 112.9
145 32.0 25.9 38.9

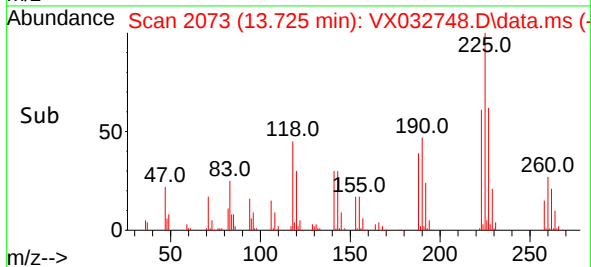
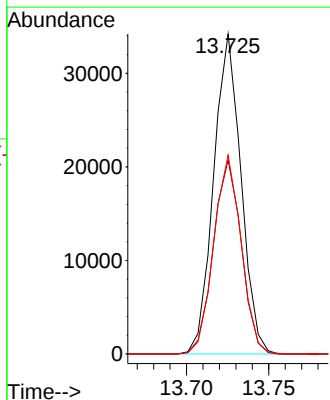
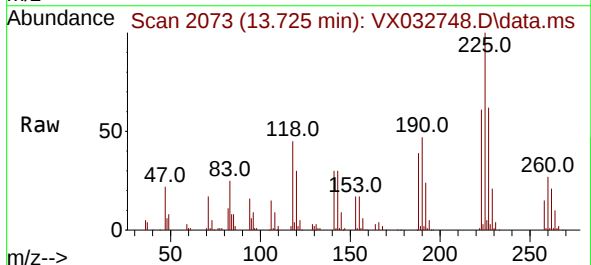
Manual Integrations
APPROVED

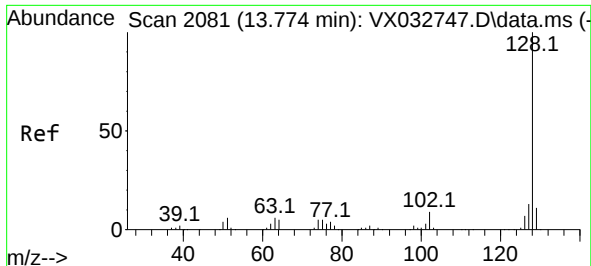
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#90
Hexachlorobutadiene
Concen: 47.109 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

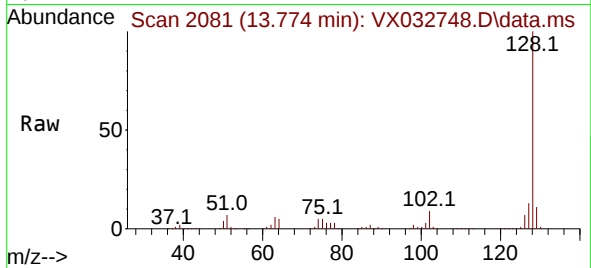
Tgt Ion:225 Resp: 39555
Ion Ratio Lower Upper
225 100
223 61.9 0.0 126.0
227 62.2 0.0 127.6





#91
Naphthalene
Concen: 50.938 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22

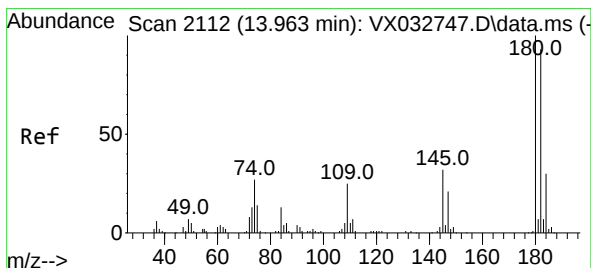
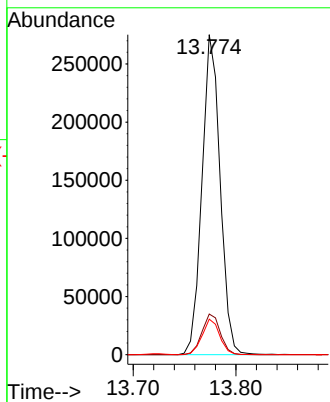
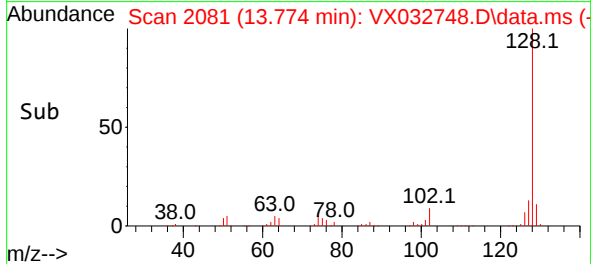
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



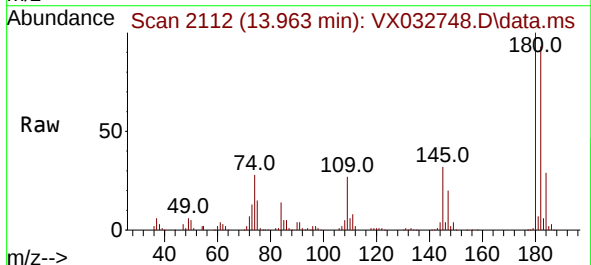
Tgt Ion:128 Resp: 337534
Ion Ratio Lower Upper
128 100
127 12.9 9.9 14.9
129 10.8 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#92
1,2,3-Trichlorobenzene
Concen: 47.939 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032748.D
Acq: 11 Nov 2022 01:22



Tgt Ion:180 Resp: 99422
Ion Ratio Lower Upper
180 100
182 95.1 0.0 199.0
145 34.1 0.0 68.2

