

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076745.D
 Acq On : 17 Jul 2023 10:19
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 18 01:21:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/18/2023
 Supervised By : Mahesh Dadoda 07/18/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	218354	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	378281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	349288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	160211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	94061	43.249	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.500%		
35) Dibromofluoromethane	7.804	113	112034	47.130	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.260%		
50) Toluene-d8	10.269	98	388749	45.714	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.420%		
62) 4-Bromofluorobenzene	12.575	95	126950	46.146	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.300%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	81408	47.677	ug/l	97
3) Chloromethane	2.146	50	125286	42.535	ug/l	98
4) Vinyl Chloride	2.281	62	183785	46.807	ug/l	98
5) Bromomethane	2.687	94	143619	44.456	ug/l	99
6) Chloroethane	2.834	64	137431	46.359	ug/l	99
7) Trichlorofluoromethane	3.169	101	169565	48.534	ug/l	90
8) Diethyl Ether	3.587	74	58875	48.944	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.963	101	113010	49.208	ug/l	97
10) Methyl Iodide	4.157	142	128185	49.514	ug/l	92
11) Tert butyl alcohol	5.051	59	37901	233.536	ug/l	100
12) 1,1-Dichloroethene	3.934	96	104093	48.243	ug/l	94
13) Acrolein	3.793	56	24383	220.469	ug/l	98
14) Allyl chloride	4.551	41	132728	46.827	ug/l	92
15) Acrylonitrile	5.246	53	133288	225.606	ug/l	99
16) Acetone	4.016	43	137463	264.654	ug/l	91
17) Carbon Disulfide	4.263	76	243607	48.339	ug/l	97
18) Methyl Acetate	4.557	43	85921	44.029	ug/l	94
19) Methyl tert-butyl Ether	5.310	73	274234	47.394	ug/l	98
20) Methylene Chloride	4.793	84	134482	41.791	ug/l	93
21) trans-1,2-Dichloroethene	5.304	96	116314	46.376	ug/l	97
22) Diisopropyl ether	6.210	45	327116	48.736	ug/l	95
23) Vinyl Acetate	6.151	43	788965m	237.571	ug/l	
24) 1,1-Dichloroethane	6.104	63	220922	48.818	ug/l	96
25) 2-Butanone	7.081	43	175747	252.820	ug/l #	87
26) 2,2-Dichloropropane	7.069	77	201477	51.647	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	153611	49.683	ug/l	96
28) Bromochloromethane	7.416	49	49140	43.433	ug/l	90
29) Tetrahydrofuran	7.440	42	98581	240.021	ug/l	93
30) Chloroform	7.592	83	252234	50.889	ug/l	96
31) Cyclohexane	7.875	56	159414	49.805	ug/l	94
32) 1,1,1-Trichloroethane	7.787	97	211107	52.789	ug/l	97
36) 1,1-Dichloropropene	8.004	75	171849	55.323	ug/l	98
37) Ethyl Acetate	7.163	43	67541	48.620	ug/l	97
38) Carbon Tetrachloride	7.992	117	175861	59.126	ug/l	97
39) Methylcyclohexane	9.275	83	201284	56.120	ug/l	98
40) Benzene	8.245	78	525017	53.567	ug/l	100

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Manual Integrations APPROVED

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 Supervised By : Mahesh Dadoda 07/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.387	41	43716m	51.533	ug/l	
42) 1,2-Dichloroethane	8.322	62	133588	52.457	ug/l	100
43) Isopropyl Acetate	8.357	43	138331	51.024	ug/l	93
44) Trichloroethene	9.028	130	147359	55.174	ug/l	96
45) 1,2-Dichloropropane	9.304	63	134799	53.280	ug/l	100
46) Dibromomethane	9.392	93	79423	53.631	ug/l	92
47) Bromodichloromethane	9.581	83	198737	53.477	ug/l	99
48) Methyl methacrylate	9.381	41	60268	48.843	ug/l	87
49) 1,4-Dioxane	9.381	88	18804	991.059	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	364741	252.684	ug/l	94
52) Toluene	10.334	92	347087	53.919	ug/l	94
53) t-1,3-Dichloropropene	10.551	75	184753	53.561	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	217439	53.486	ug/l #	91
55) 1,1,2-Trichloroethane	10.733	97	113714	52.584	ug/l	92
56) Ethyl methacrylate	10.598	69	130678	52.356	ug/l	93
57) 1,3-Dichloropropane	10.881	76	182643	51.862	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	227154	235.116	ug/l	99
59) 2-Hexanone	10.922	43	274778	266.781	ug/l	93
60) Dibromochloromethane	11.075	129	134997	53.737	ug/l	95
61) 1,2-Dibromoethane	11.181	107	104335	52.040	ug/l	99
64) Tetrachloroethene	10.810	164	113752	57.113	ug/l	90
65) Chlorobenzene	11.604	112	378462	53.874	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	142900	54.638	ug/l	96
67) Ethyl Benzene	11.681	91	672164	54.483	ug/l	97
68) m/p-Xylenes	11.792	106	525979	111.009	ug/l	92
69) o-Xylene	12.122	106	249925	54.546	ug/l	91
70) Styrene	12.133	104	436478	54.418	ug/l	97
71) Bromoform	12.298	173	80105	55.923	ug/l #	97
73) Isopropylbenzene	12.422	105	659237	56.715	ug/l	97
74) N-amyl acetate	12.233	43	131194	53.576	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	130373	52.239	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	69506m	45.620	ug/l	
77) Bromobenzene	12.704	156	149349	55.665	ug/l	89
78) n-propylbenzene	12.763	91	808722	57.391	ug/l	95
79) 2-Chlorotoluene	12.851	91	434440	56.227	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	542377	57.707	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	39790	55.582	ug/l	98
82) 4-Chlorotoluene	12.945	91	460263	57.022	ug/l	95
83) tert-Butylbenzene	13.169	119	481435	58.176	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	544496	56.691	ug/l	95
85) sec-Butylbenzene	13.345	105	725510	57.382	ug/l	96
86) p-Isopropyltoluene	13.463	119	602270	57.678	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	310312	56.231	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	301895	55.837	ug/l	97
89) n-Butylbenzene	13.786	91	572839	56.063	ug/l	99
90) Hexachloroethane	14.051	117	113757	58.927	ug/l	89
91) 1,2-Dichlorobenzene	13.833	146	267899	55.092	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	17707	49.761	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	168304	56.692	ug/l	99
94) Hexachlorobutadiene	15.204	225	80204	56.174	ug/l	99
95) Naphthalene	15.333	128	349991	54.448	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	149618	56.161	ug/l	98

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ClientSampleId :
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Manual Integrations
APPROVED

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

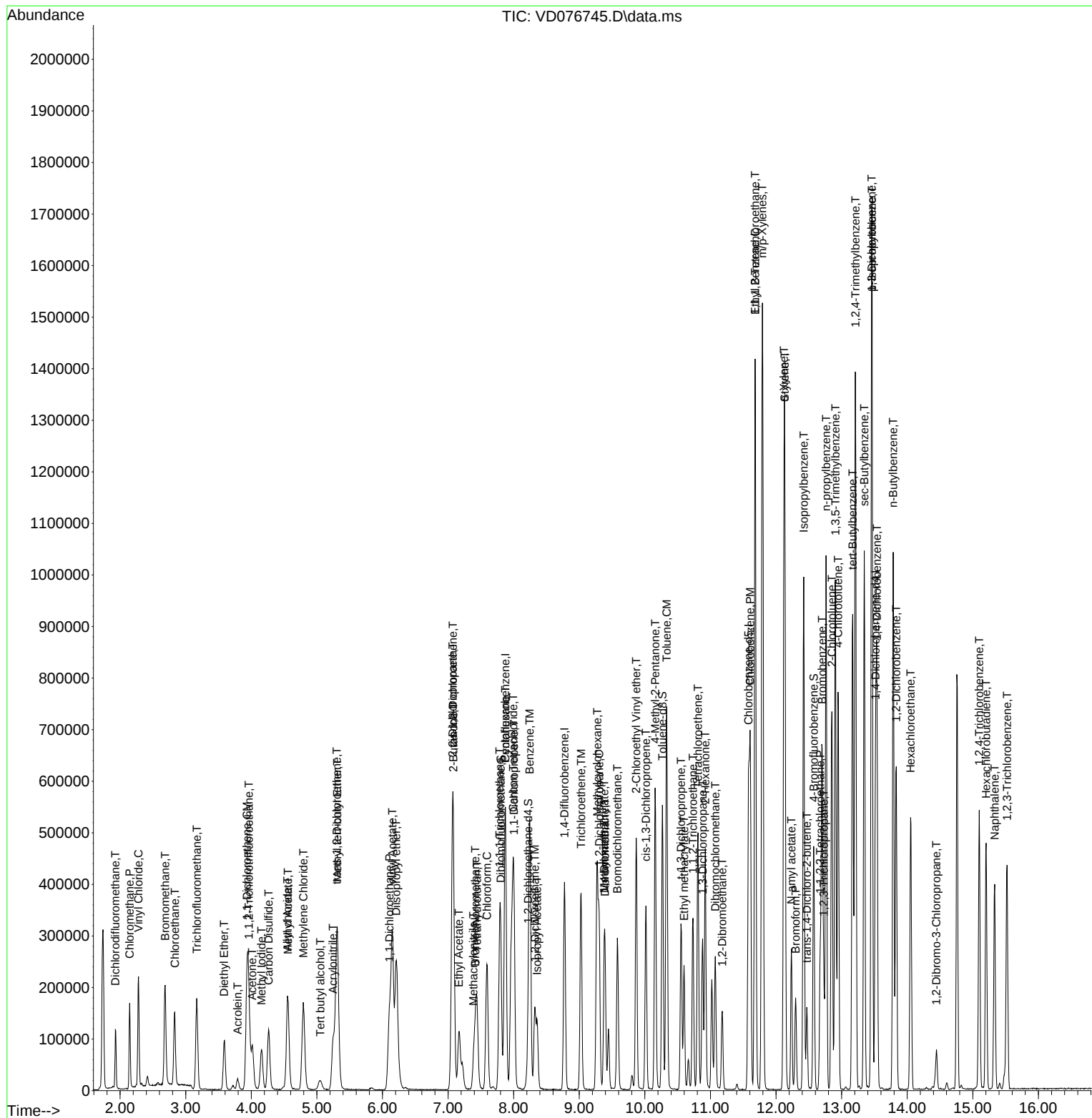
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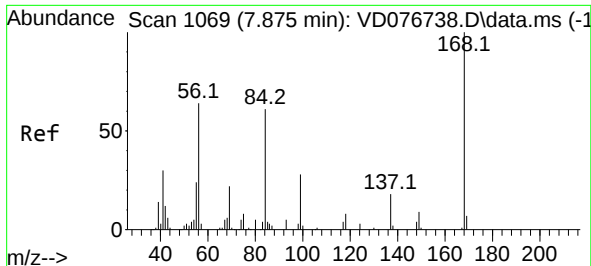
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APPROVED

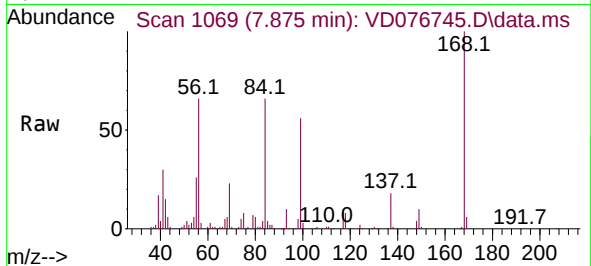
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

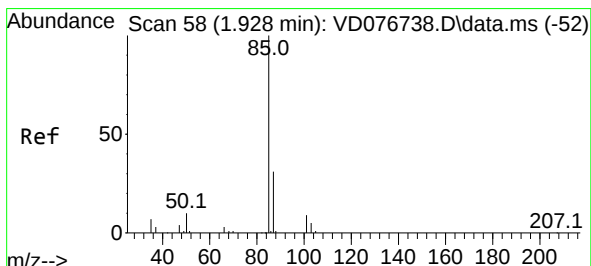
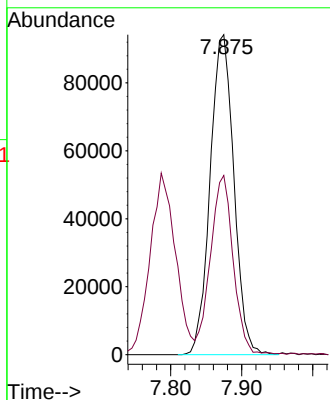
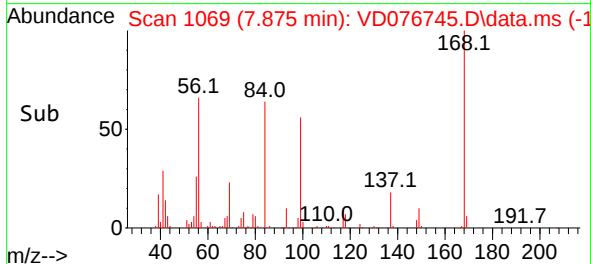
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



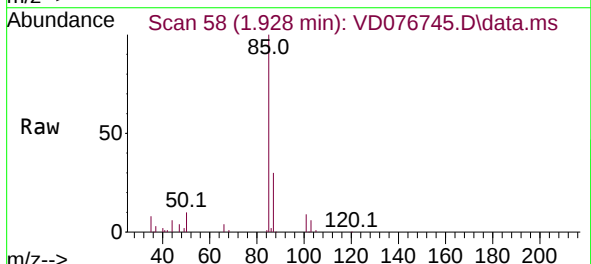
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Ion Ratio Lower Upper
168 100
99 55.6 36.7 55.1

Manual Integrations
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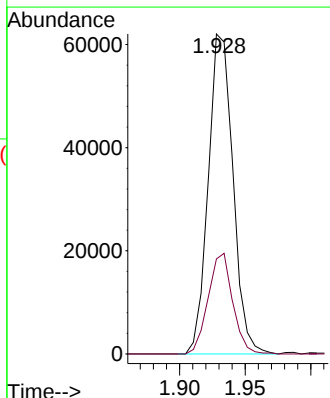
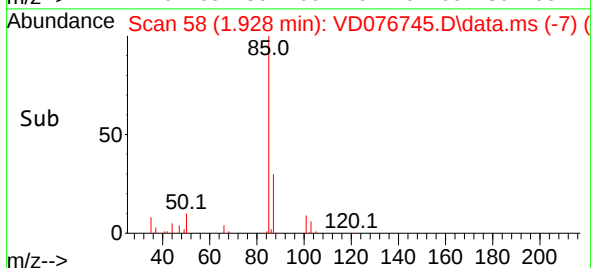
Reviewed By :John Carlone 07/18/2023
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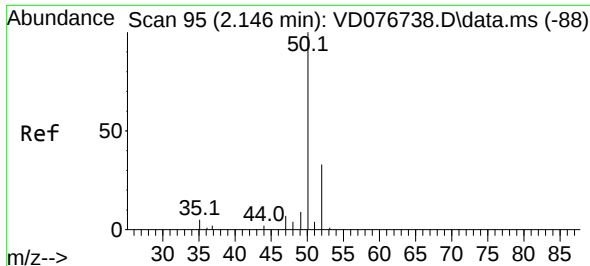


#2
Dichlorodifluoromethane
Concen: 47.677 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19



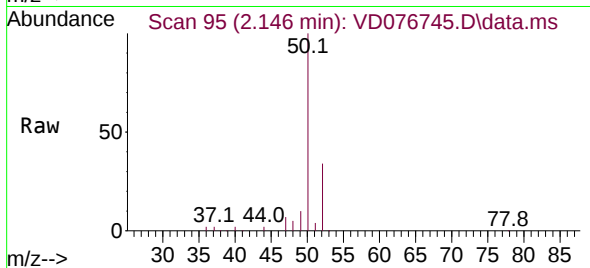
Tgt Ion: 85 Resp: 81408
Ion Ratio Lower Upper
85 100
87 29.7 15.7 47.0





#3
Chloromethane
Concen: 42.535 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

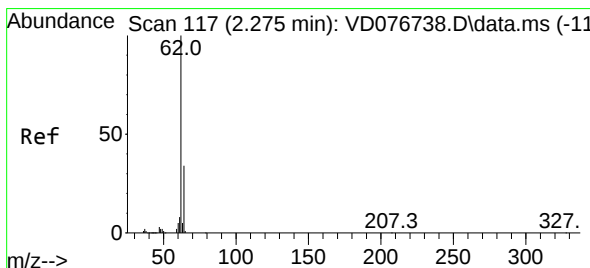
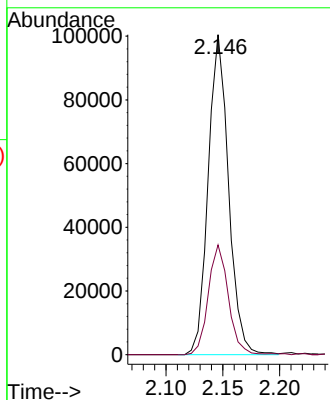
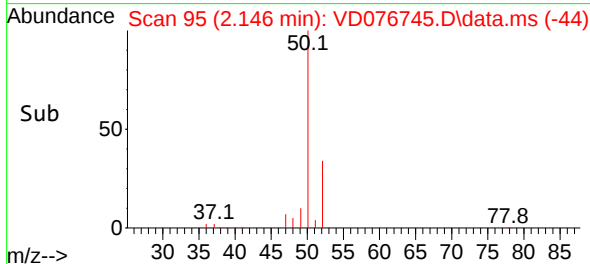
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 125280
Ion Ratio Lower Upper
50 100
52 34.3 26.6 40.0

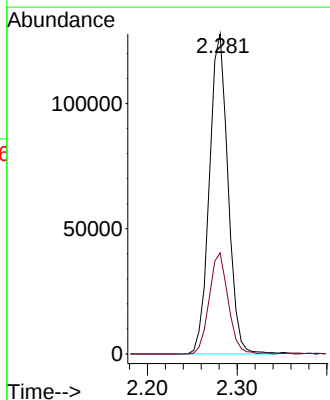
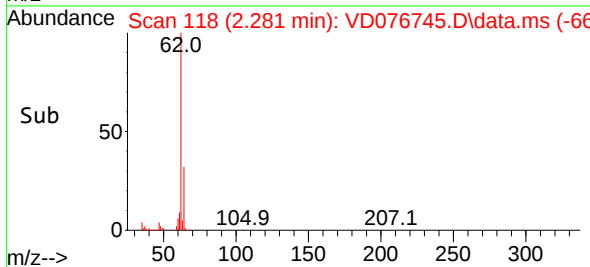
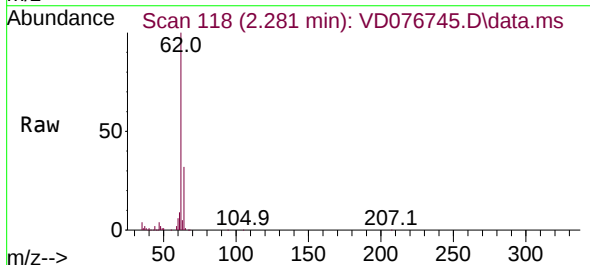
Manual Integrations
APPROVED

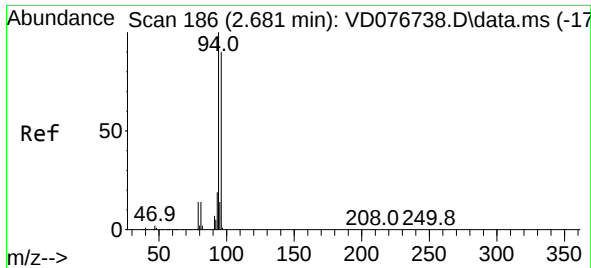
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#4
Vinyl Chloride
Concen: 46.807 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Tgt Ion: 62 Resp: 183785
Ion Ratio Lower Upper
62 100
64 31.5 26.0 39.0





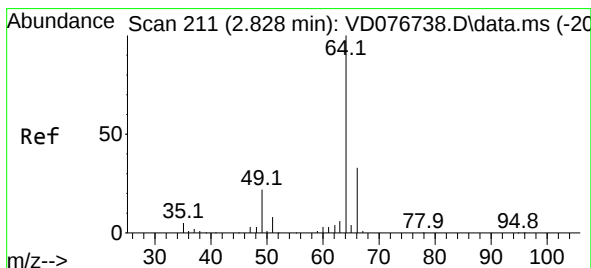
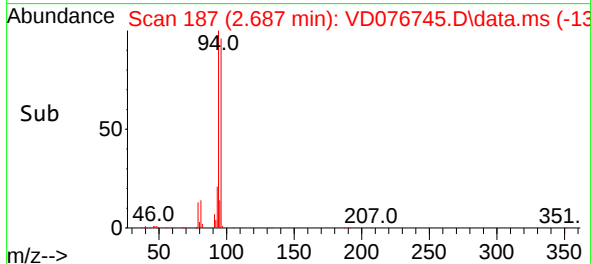
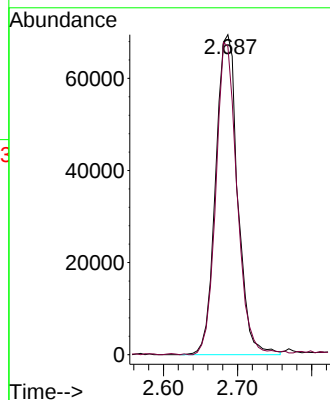
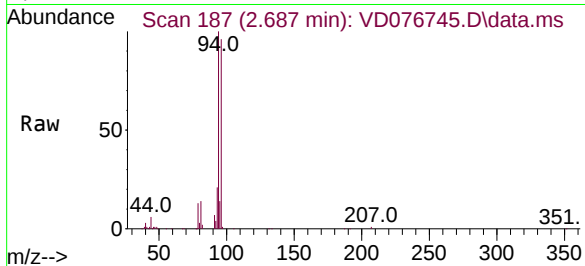
#5
Bromomethane
Concen: 44.456 ug/l
RT: 2.687 min Scan# 186
Delta R.T. 0.006 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 143619
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.8

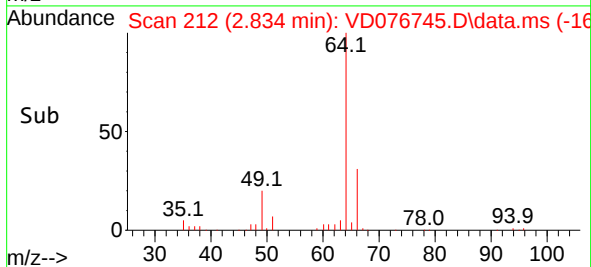
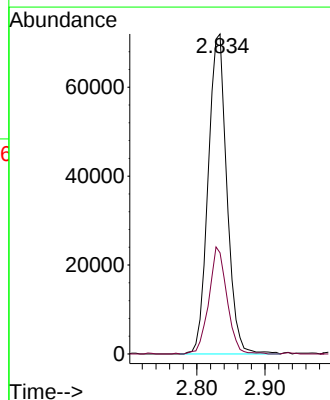
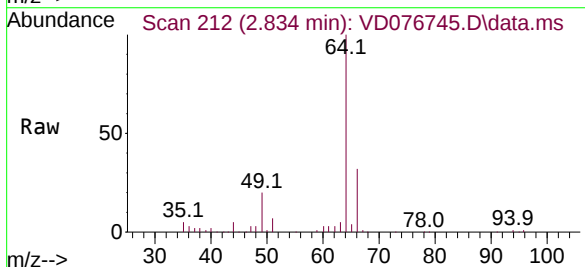
Manual Integrations
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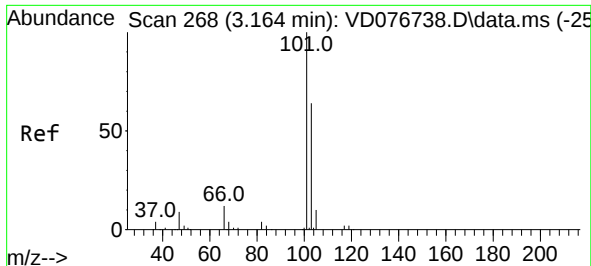
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#6
Chloroethane
Concen: 46.359 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

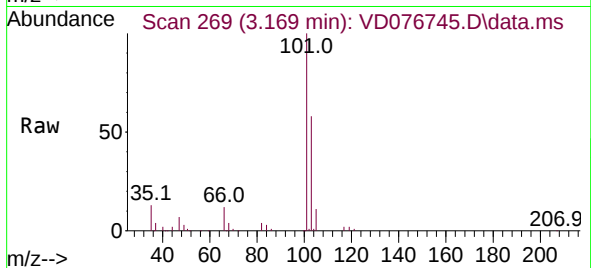
Tgt Ion: 64 Resp: 137431
Ion Ratio Lower Upper
64 100
66 31.6 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 48.534 ug/l
 RT: 3.169 min Scan# 20
 Delta R.T. 0.005 min
 Lab File: VD076745.D
 Acq: 17 Jul 2023 10:19

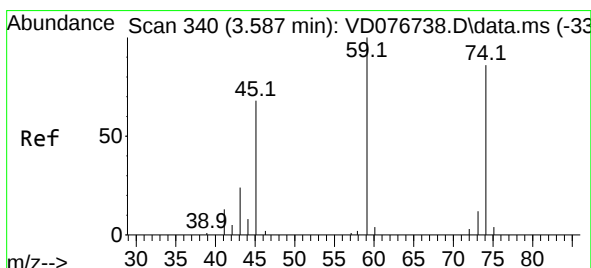
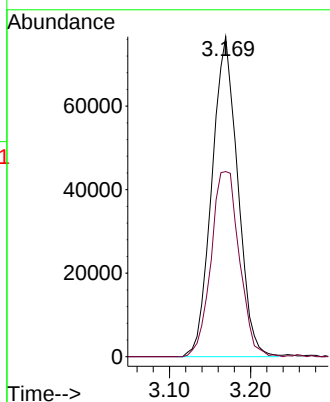
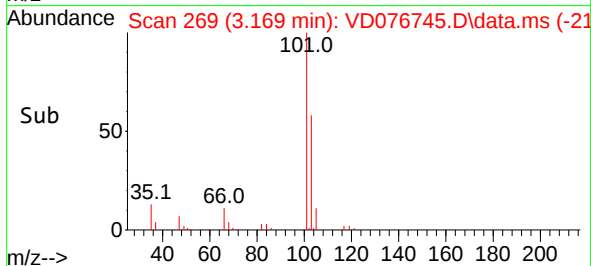
Instrument :
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Tgt Ion:101 Resp: 16956
 Ion Ratio Lower Upper
 101 100
 103 57.9 52.3 78.5

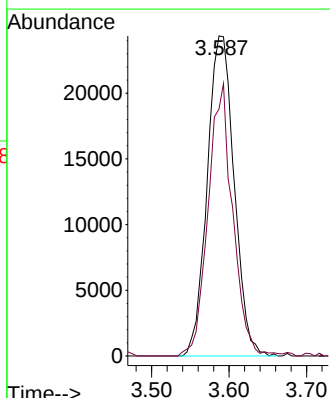
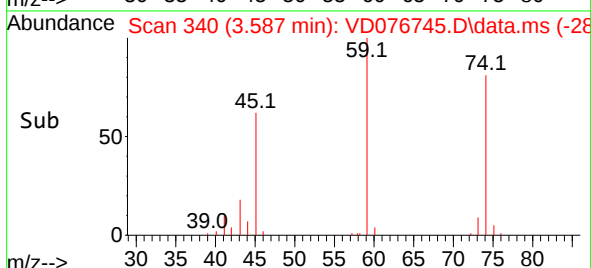
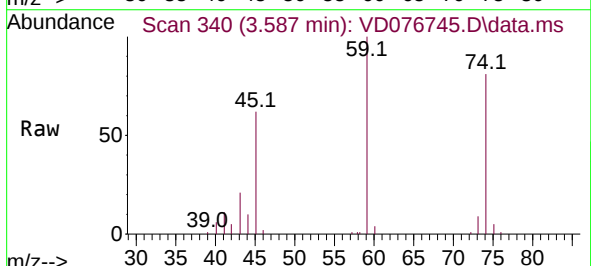
Manual Integrations
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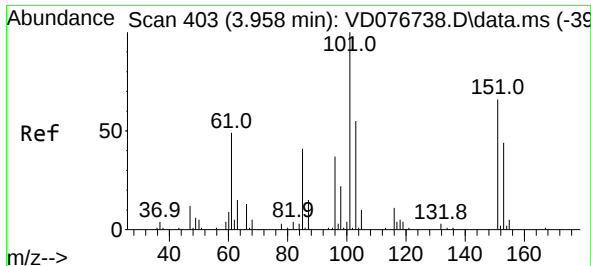
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#8
 Diethyl Ether
 Concen: 48.944 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VD076745.D
 Acq: 17 Jul 2023 10:19

Tgt Ion: 74 Resp: 58875
 Ion Ratio Lower Upper
 74 100
 45 77.5 37.5 112.7





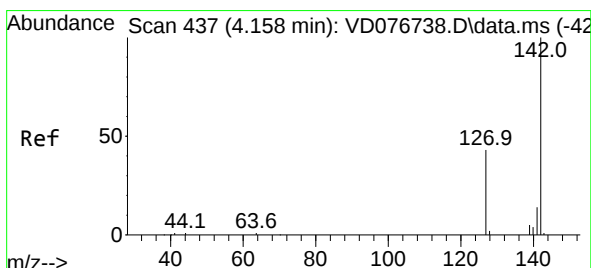
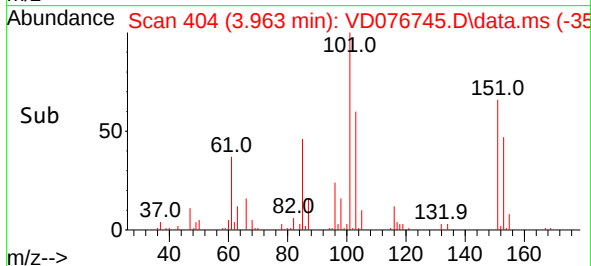
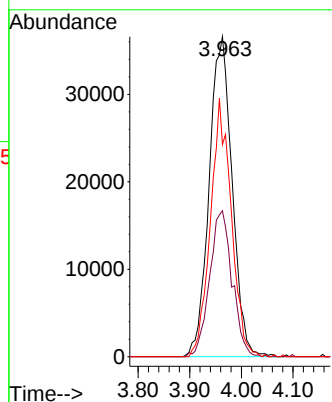
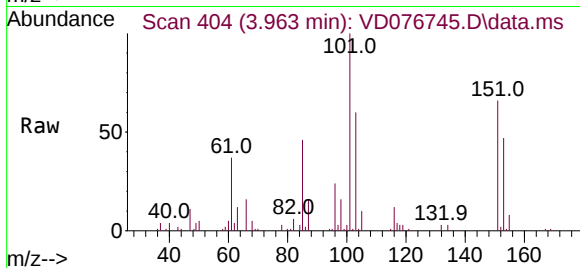
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.208 ug/l
RT: 3.963 min Scan# 403
Delta R.T. 0.005 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 113010
Ion Ratio Lower Upper
101 100
85 44.7 33.8 50.6
151 73.1 59.8 89.6

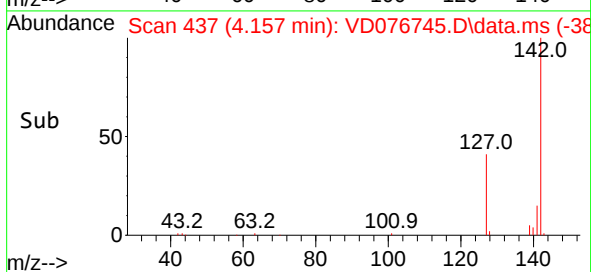
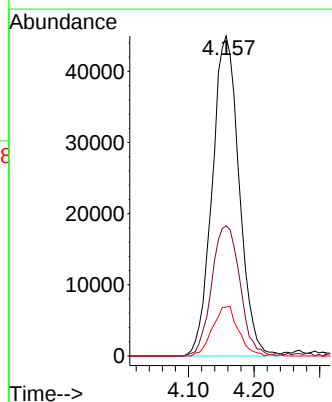
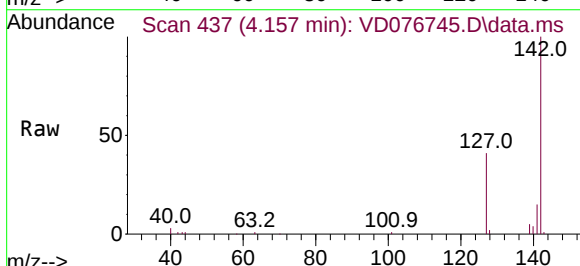
Manual Integrations
APPROVED

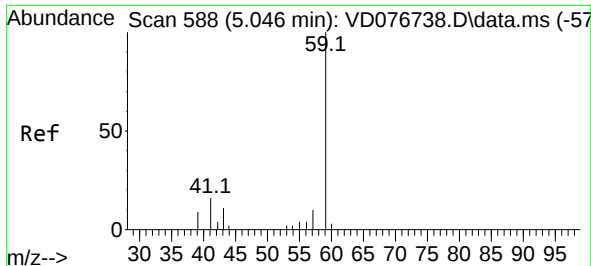
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#10
Methyl Iodide
Concen: 49.514 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.001 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Tgt Ion:142 Resp: 128185
Ion Ratio Lower Upper
142 100
127 42.7 29.4 44.0
141 15.0 11.1 16.7





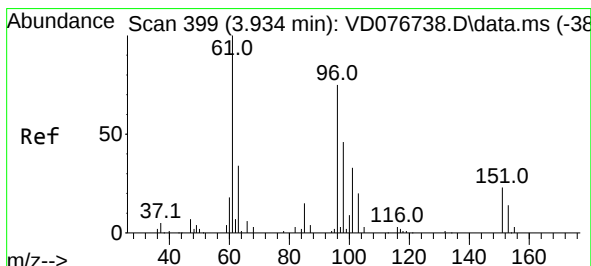
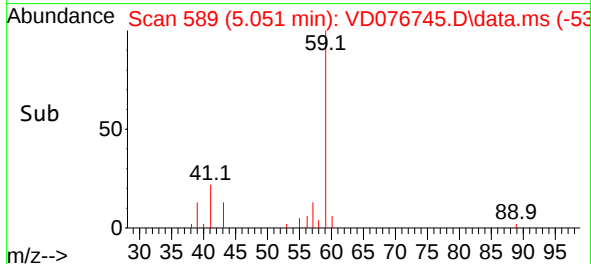
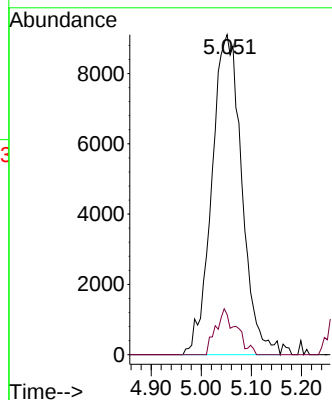
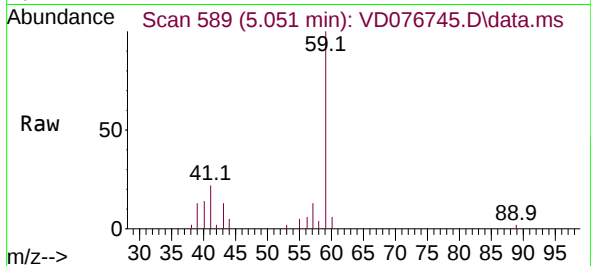
#11
Tert butyl alcohol
Concen: 233.536 ug/l
RT: 5.051 min Scan# 589
Delta R.T. 0.005 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 3790
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.8

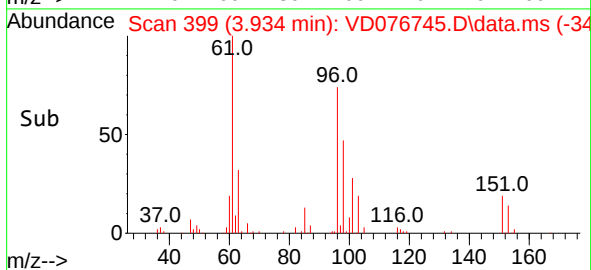
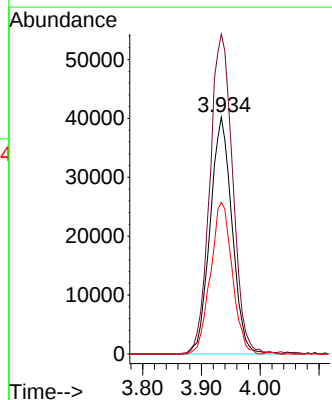
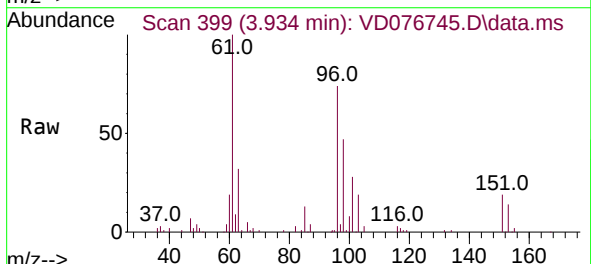
Manual Integrations
APPROVED

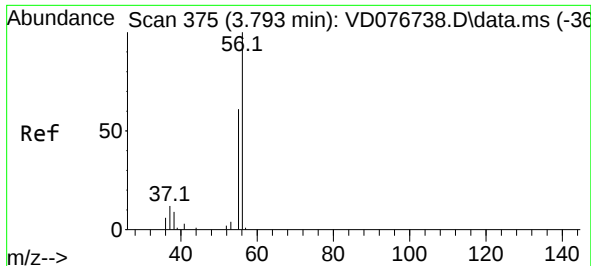
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#12
1,1-Dichloroethene
Concen: 48.243 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

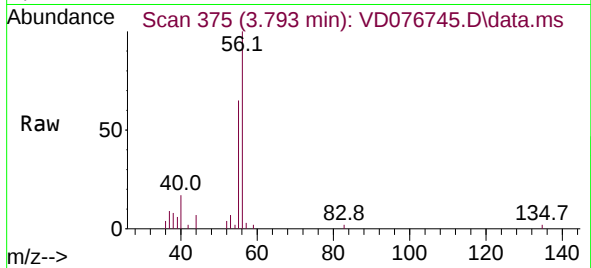
Tgt Ion: 96 Resp: 104093
Ion Ratio Lower Upper
96 100
61 135.1 100.6 150.8
98 63.9 50.2 75.2





#13
Acrolein
Concen: 220.469 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

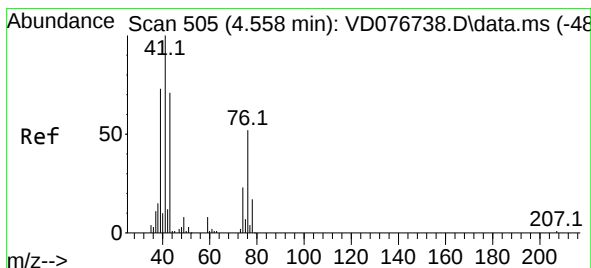
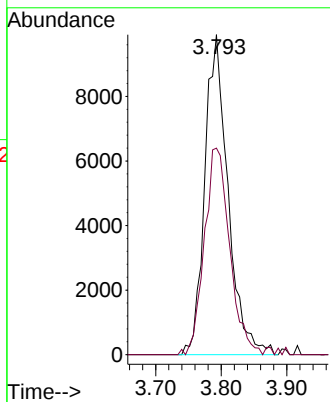
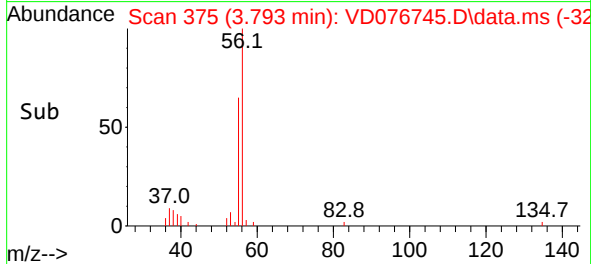
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



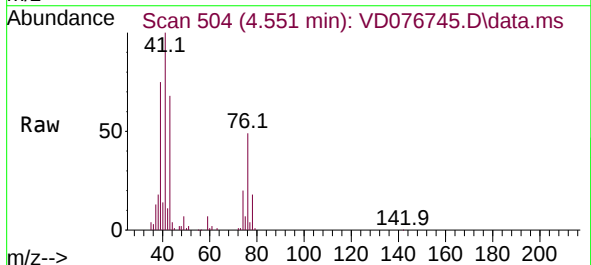
Tgt Ion: 56 Resp: 2438
Ion Ratio Lower Upper
56 100
55 70.5 55.1 82.7

Manual Integrations
APPROVED

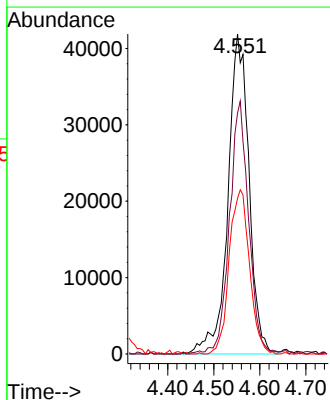
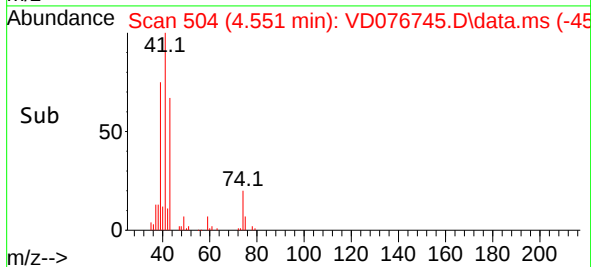
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

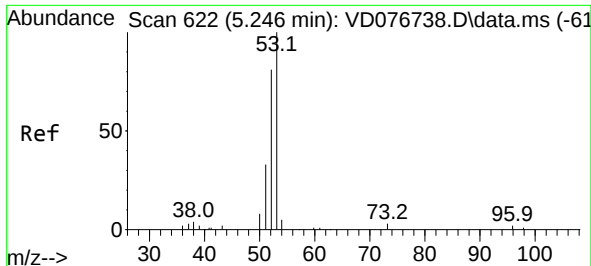


#14
Allyl chloride
Concen: 46.827 ug/l
RT: 4.551 min Scan# 504
Delta R.T. -0.007 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19



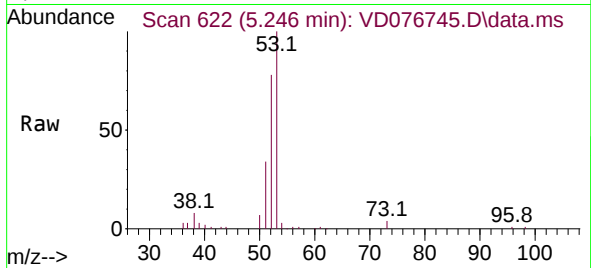
Tgt Ion: 41 Resp: 132728
Ion Ratio Lower Upper
41 100
39 72.0 53.8 80.6
76 49.6 45.8 68.8





#15
Acrylonitrile
Concen: 225.606 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

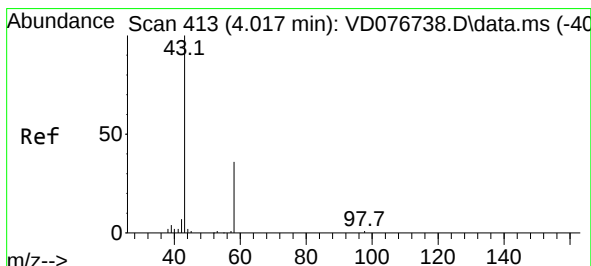
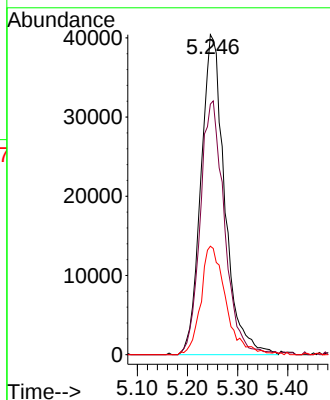
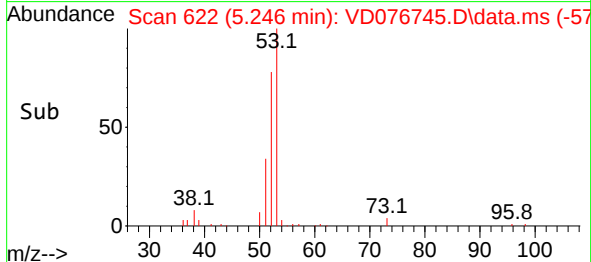
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 133288
Ion Ratio Lower Upper
53 100
52 80.6 65.0 97.4
51 35.6 28.3 42.5

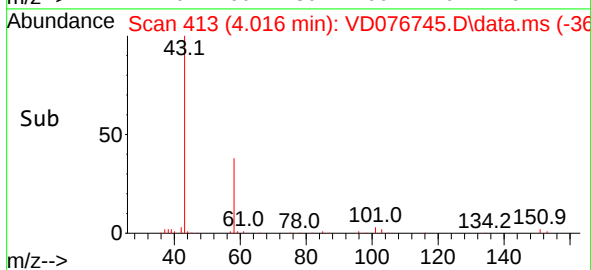
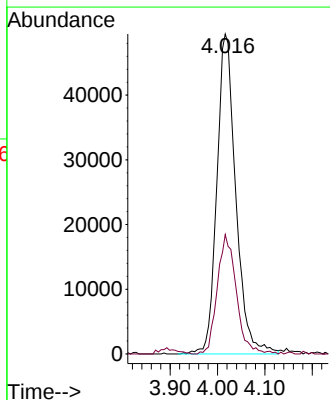
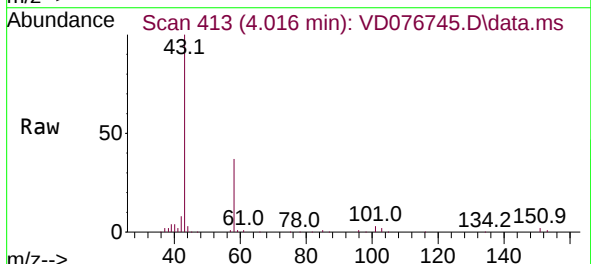
Manual Integrations
APPROVED

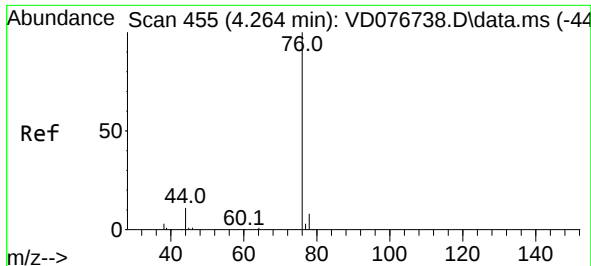
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#16
Acetone
Concen: 264.654 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.001 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

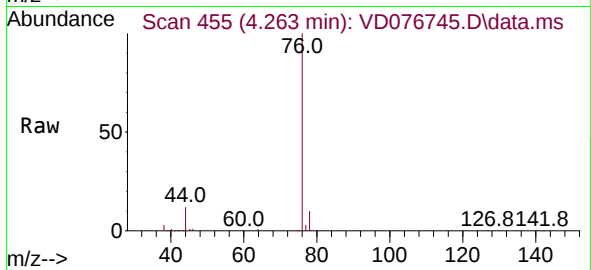
Tgt Ion: 43 Resp: 137463
Ion Ratio Lower Upper
43 100
58 37.3 34.7 52.1





#17
Carbon Disulfide
Concen: 48.339 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

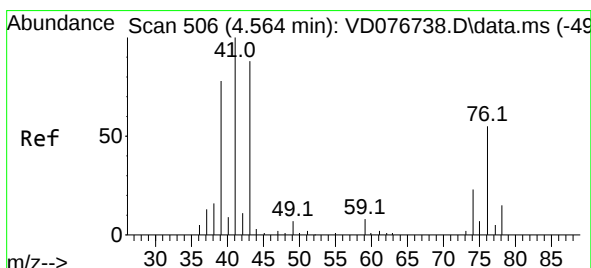
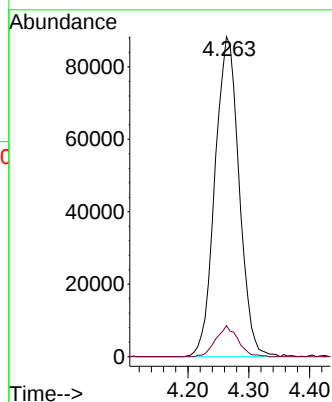
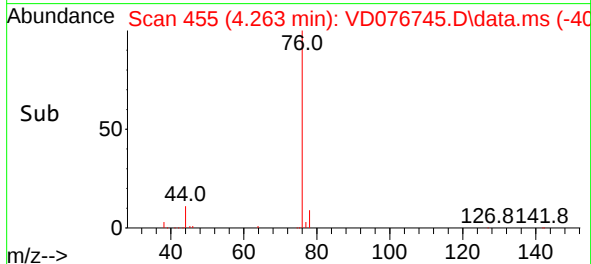
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 24360
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2

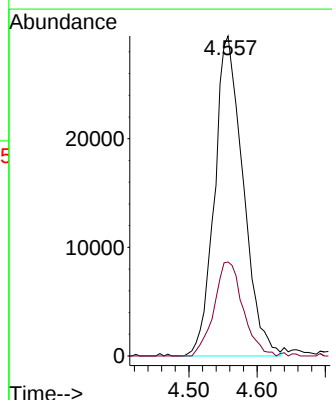
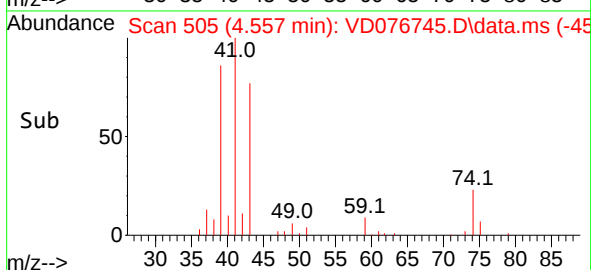
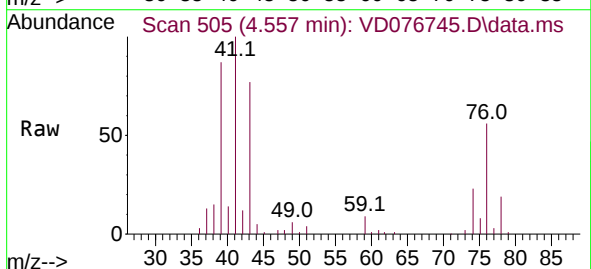
Manual Integrations
APPROVED

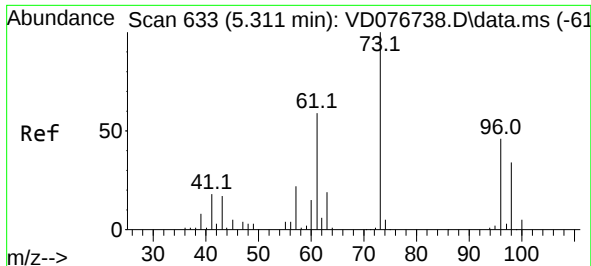
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#18
Methyl Acetate
Concen: 44.029 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.007 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

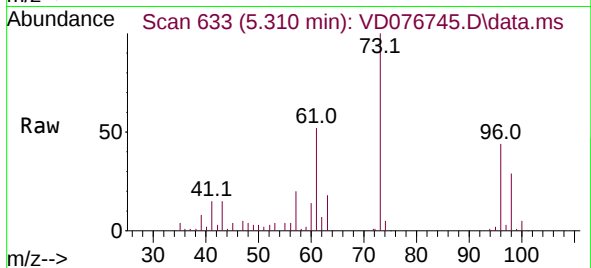
Tgt Ion: 43 Resp: 85921
Ion Ratio Lower Upper
43 100
74 29.6 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 47.394 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

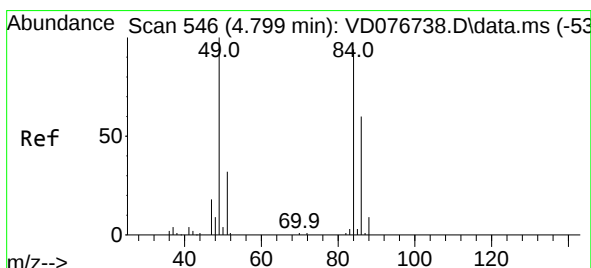
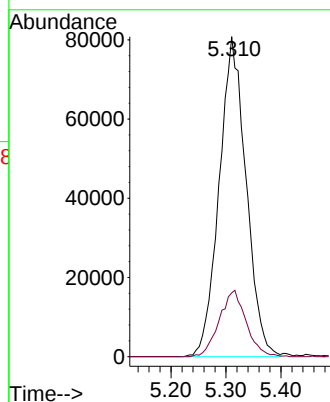
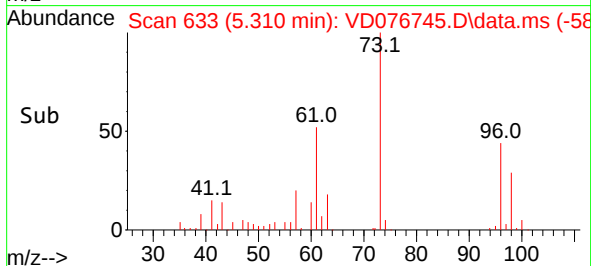
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 274234
Ion Ratio Lower Upper
73 100
57 19.9 16.6 25.0

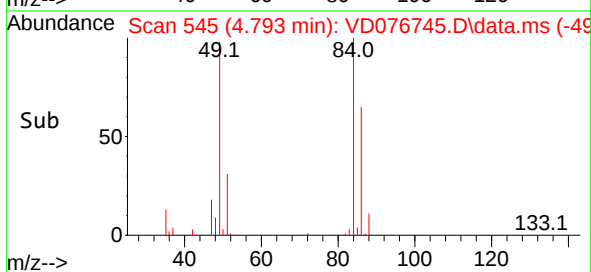
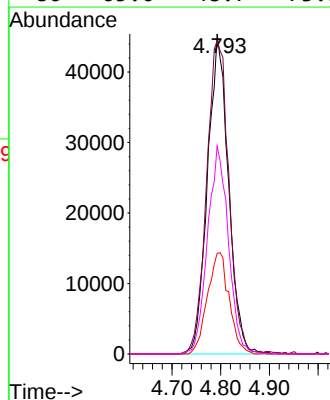
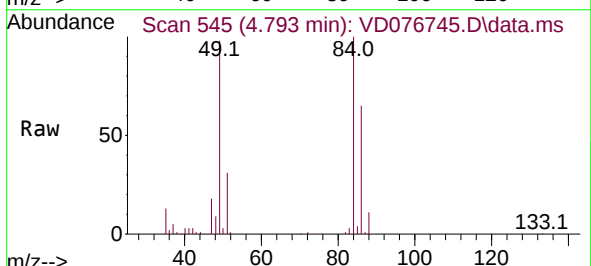
Manual Integrations
APPROVED

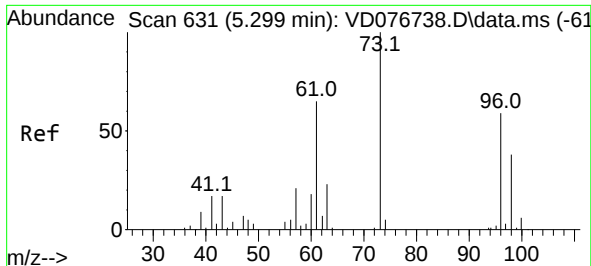
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#20
Methylene Chloride
Concen: 41.791 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

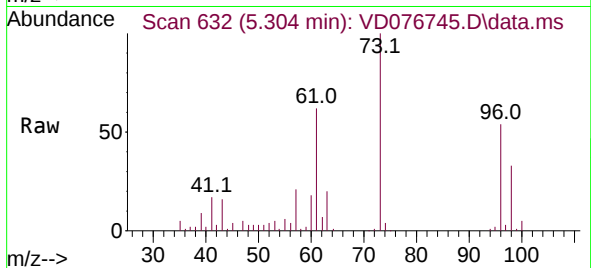
Tgt Ion: 84 Resp: 134482
Ion Ratio Lower Upper
84 100
49 97.9 71.4 107.2
51 31.4 24.5 36.7
86 65.0 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 46.376 ug/l
RT: 5.304 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

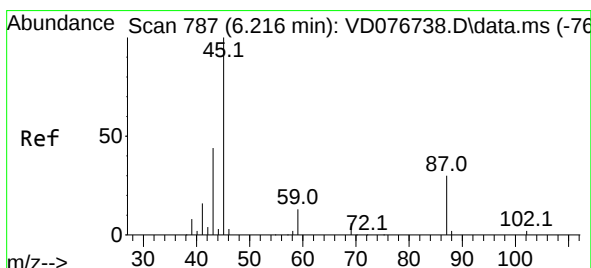
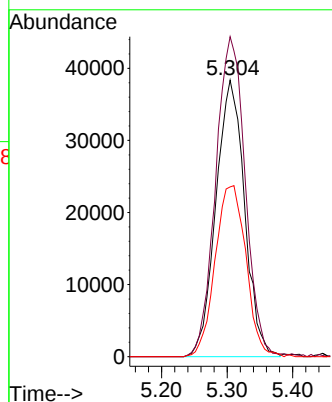
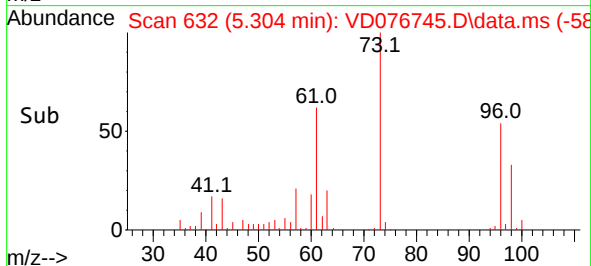
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 116314
Ion Ratio Lower Upper
96 100
61 115.7 89.3 133.9
98 61.4 48.6 73.0

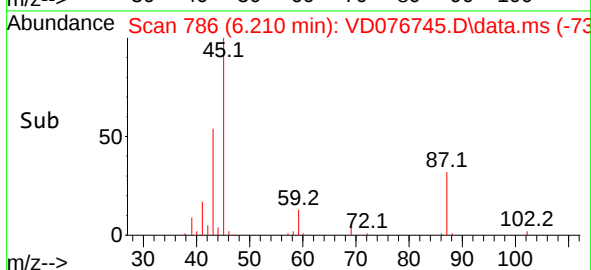
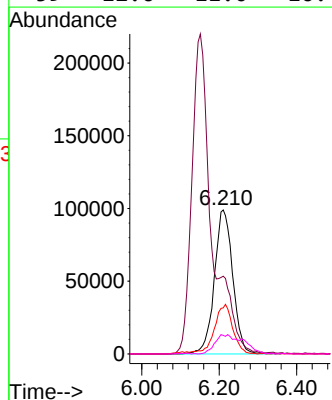
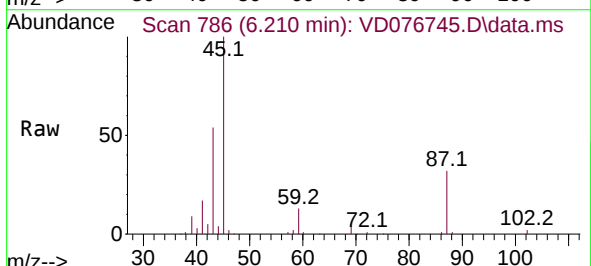
Manual Integrations
APPROVED

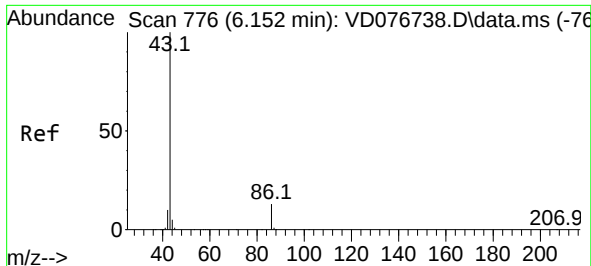
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#22
Diisopropyl ether
Concen: 48.736 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

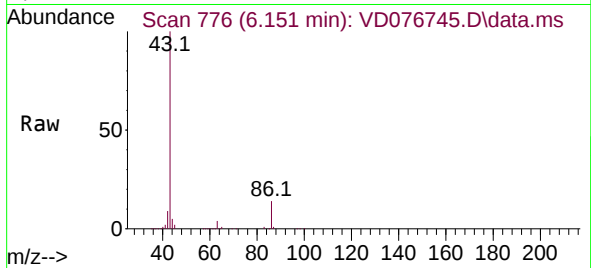
Tgt Ion: 45 Resp: 327116
Ion Ratio Lower Upper
45 100
43 53.2 40.0 60.0
87 32.1 28.2 42.4
59 12.6 11.0 16.4





#23
 Vinyl Acetate
 Concen: 237.571 ug/l m
 RT: 6.151 min Scan# 776
 Delta R.T. -0.001 min
 Lab File: VD076745.D
 Acq: 17 Jul 2023 10:19

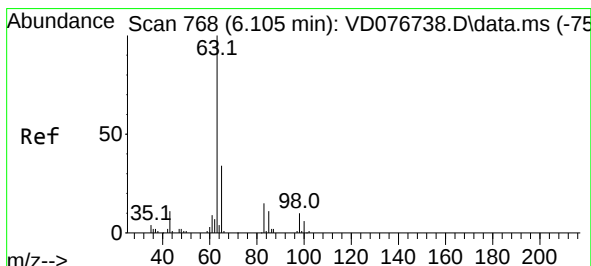
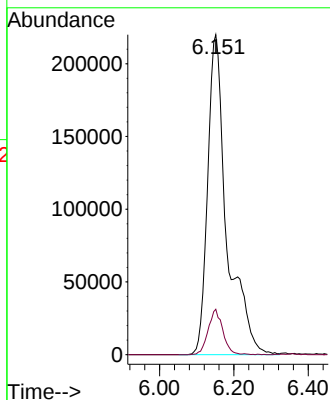
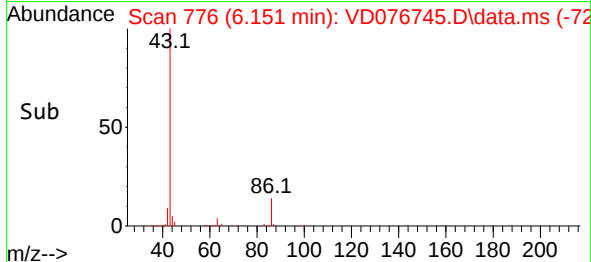
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



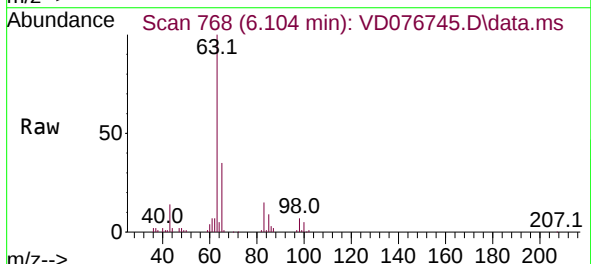
Tgt Ion: 43 Resp: 78896
 Ion Ratio Lower Upper
 43 100
 86 14.2 12.5 18.7

Manual Integrations
 APPROVED

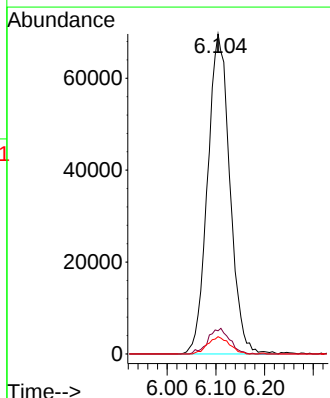
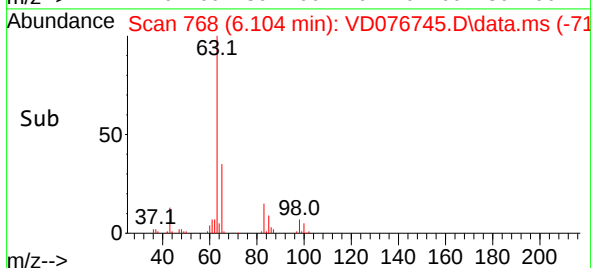
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

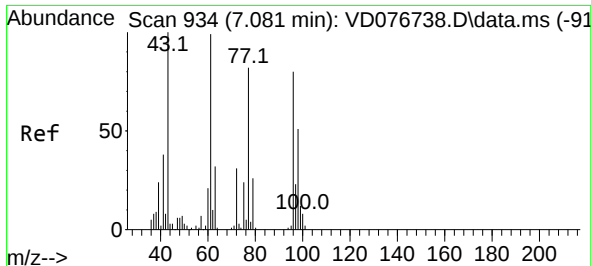


#24
 1,1-Dichloroethane
 Concen: 48.818 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.001 min
 Lab File: VD076745.D
 Acq: 17 Jul 2023 10:19



Tgt Ion: 63 Resp: 220922
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.5 13.7
 100 5.4 2.5 7.5





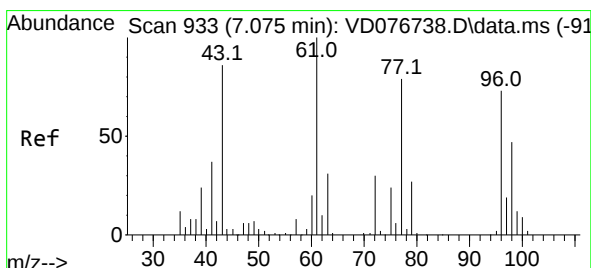
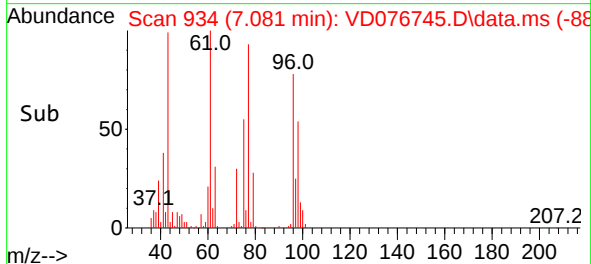
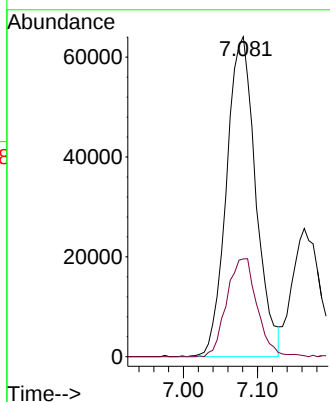
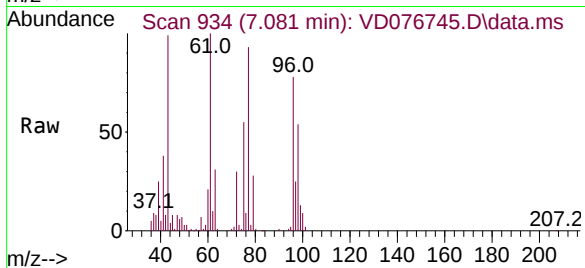
#25
2-Butanone
Concen: 252.820 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 17574
Ion Ratio Lower Upper
43 100
72 30.5 30.7 46.1

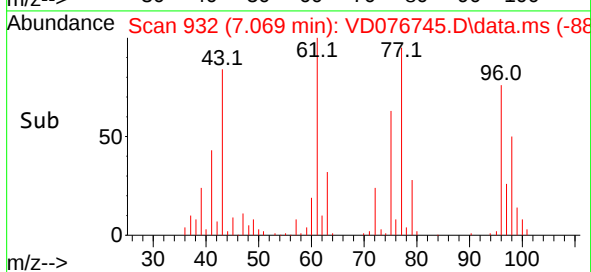
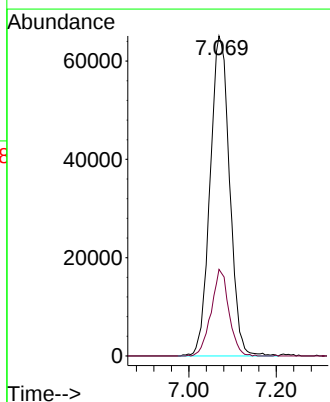
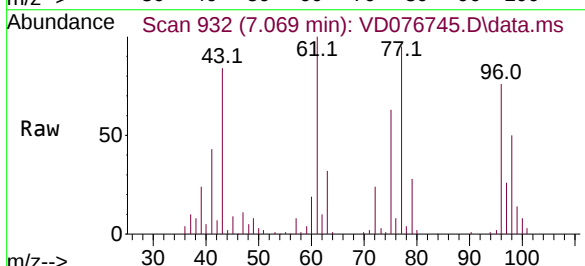
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#26
2,2-Dichloropropane
Concen: 51.647 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Tgt Ion: 77 Resp: 201477
Ion Ratio Lower Upper
77 100
97 24.6 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 49.683 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076745.D

Acq: 17 Jul 2023 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 15361

Ion Ratio Lower Upper

96 100

61 126.0 0.0 239.2

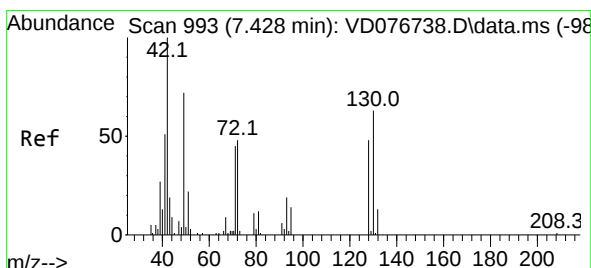
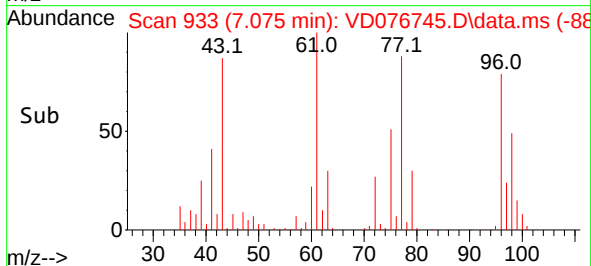
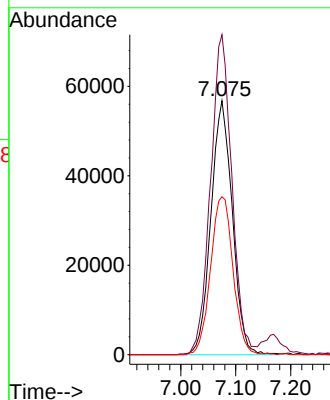
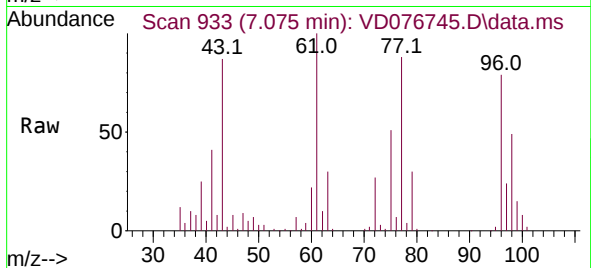
98 65.3 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#28

Bromochloromethane

Concen: 43.433 ug/l

RT: 7.416 min Scan# 991

Delta R.T. -0.012 min

Lab File: VD076745.D

Acq: 17 Jul 2023 10:19

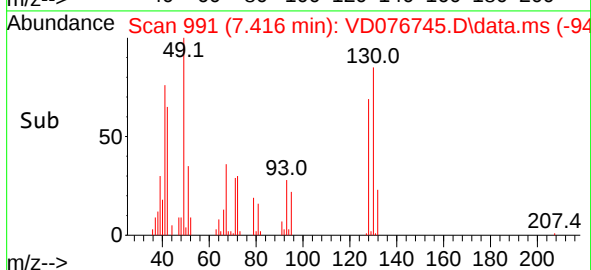
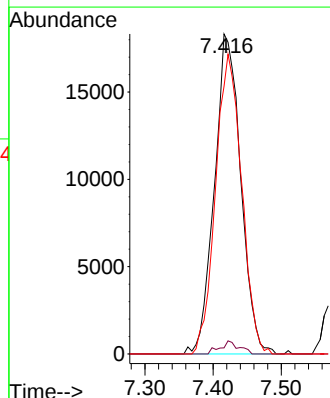
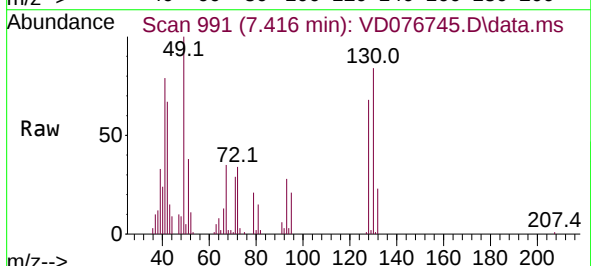
Tgt Ion: 49 Resp: 49140

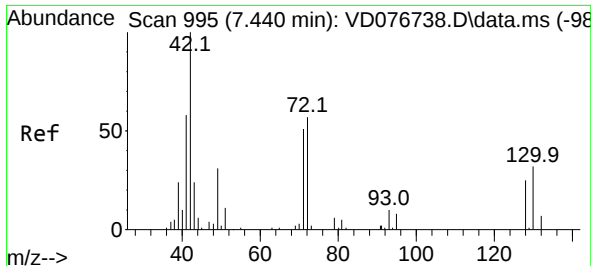
Ion Ratio Lower Upper

49 100

129 2.9 0.0 6.0

130 93.0 83.2 124.8





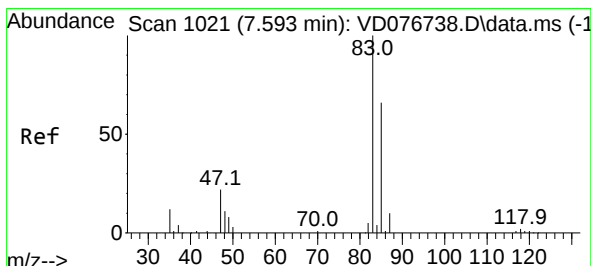
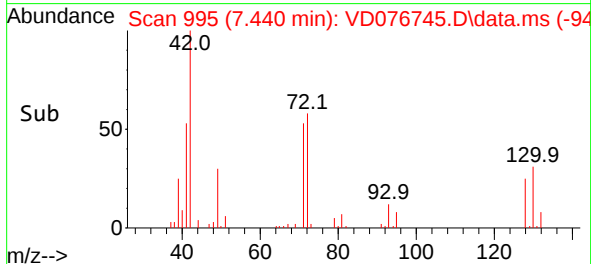
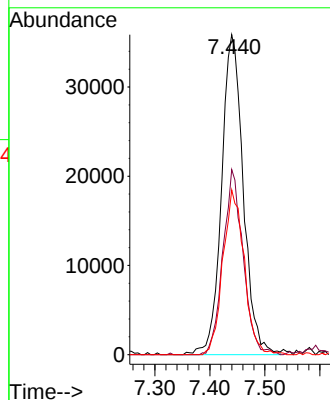
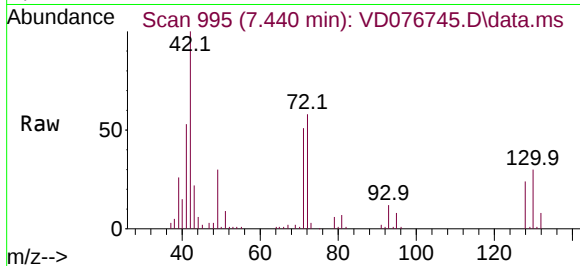
#29
Tetrahydrofuran
Concen: 240.021 ug/l
RT: 7.440 min Scan# 995
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 9858
Ion Ratio Lower Upper
42 100
72 53.5 46.5 69.7
71 50.4 44.5 66.7

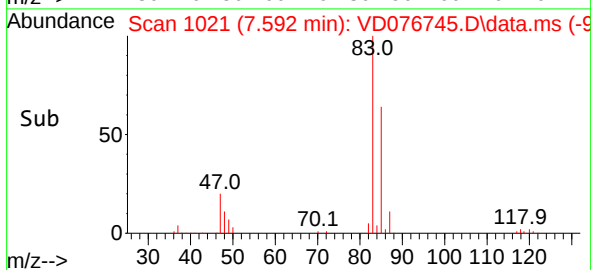
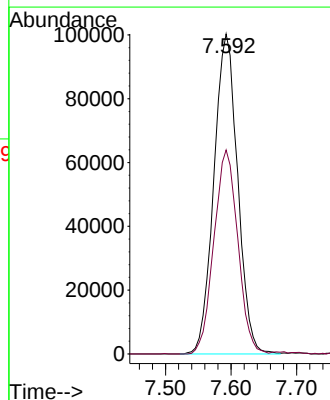
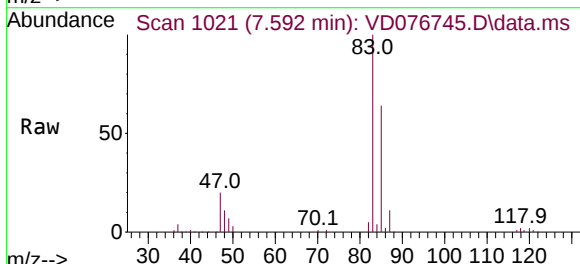
Manual Integrations
APPROVED

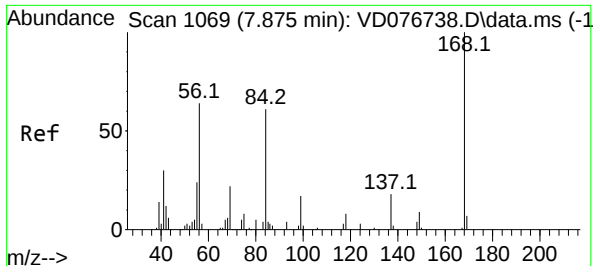
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#30
Chloroform
Concen: 50.889 ug/l
RT: 7.592 min Scan# 1021
Delta R.T. -0.001 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

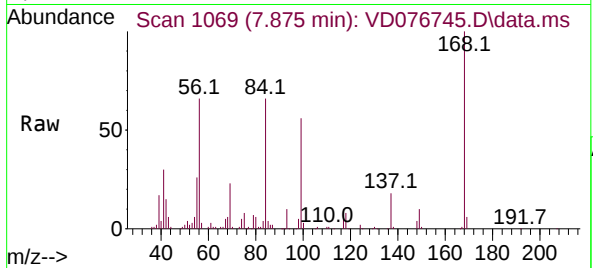
Tgt Ion: 83 Resp: 252234
Ion Ratio Lower Upper
83 100
85 63.8 53.4 80.2





#31
Cyclohexane
Concen: 49.805 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

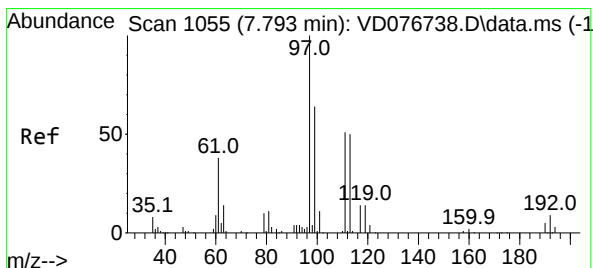
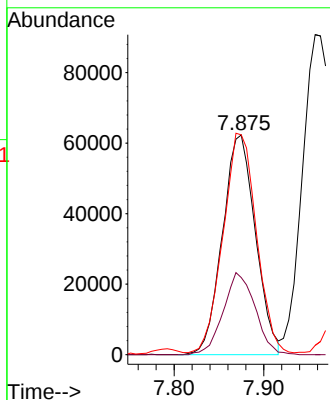
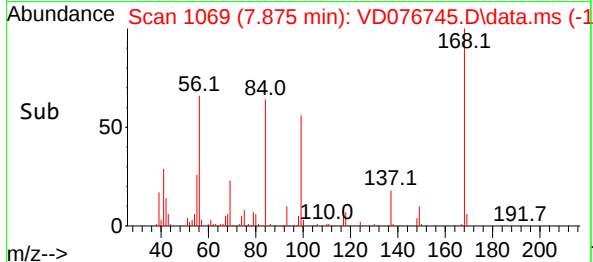
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 159414
Ion Ratio Lower Upper
56 100
69 34.6 28.6 43.0
84 98.4 84.8 127.2

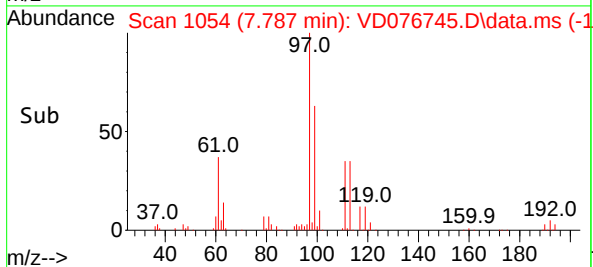
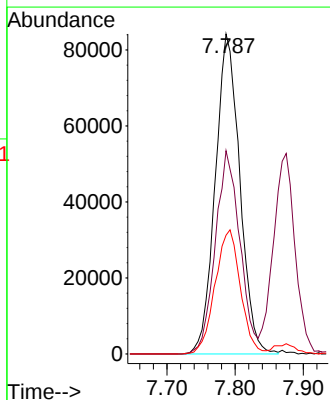
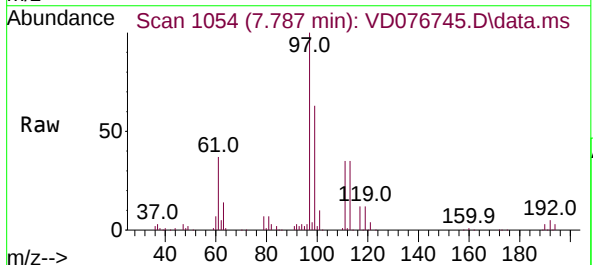
Manual Integrations
APPROVED

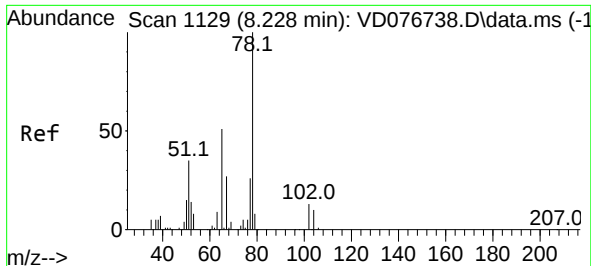
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#32
1,1,1-Trichloroethane
Concen: 52.789 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Tgt Ion: 97 Resp: 211107
Ion Ratio Lower Upper
97 100
99 63.5 52.0 78.0
61 40.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 43.249 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VD076745.D

Acq: 17 Jul 2023 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 9406

Ion Ratio Lower Upper

65 100

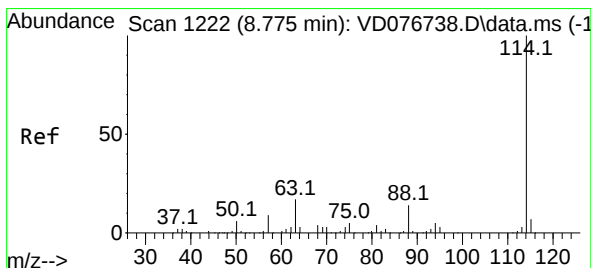
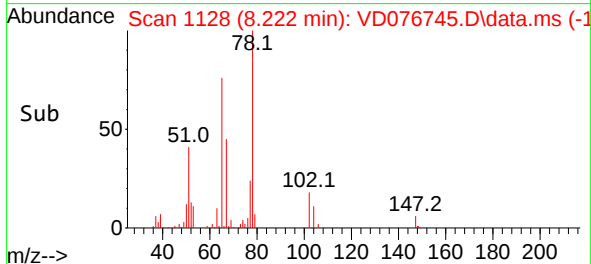
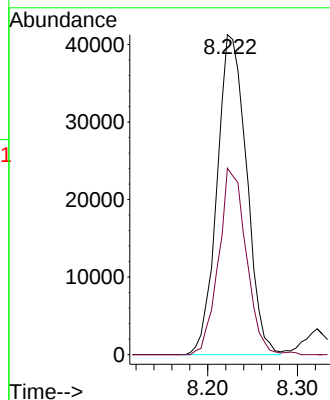
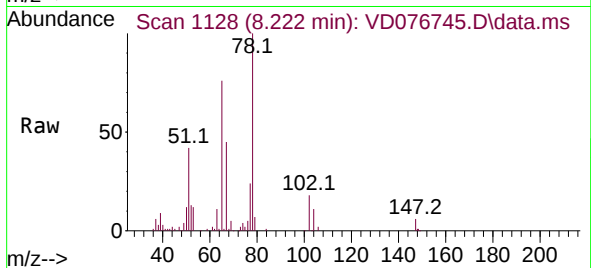
67 54.7 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076745.D

Acq: 17 Jul 2023 10:19

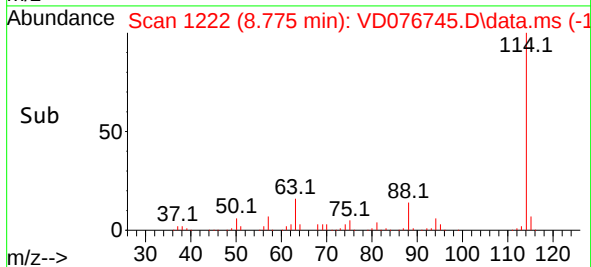
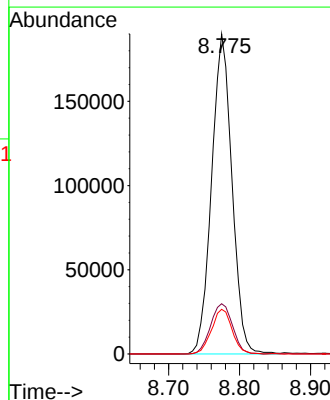
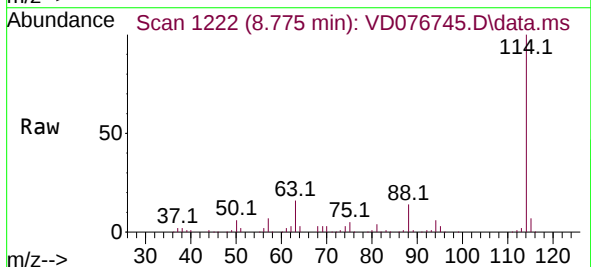
Tgt Ion:114 Resp: 378281

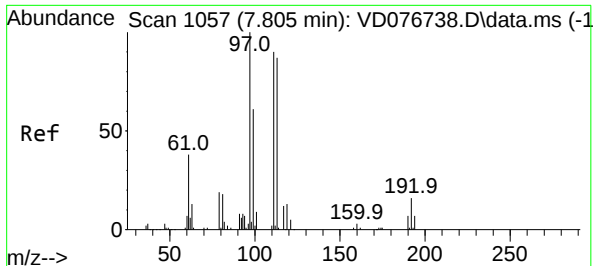
Ion Ratio Lower Upper

114 100

63 15.7 0.0 33.4

88 14.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 47.130 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076745.D

Acq: 17 Jul 2023 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 112034

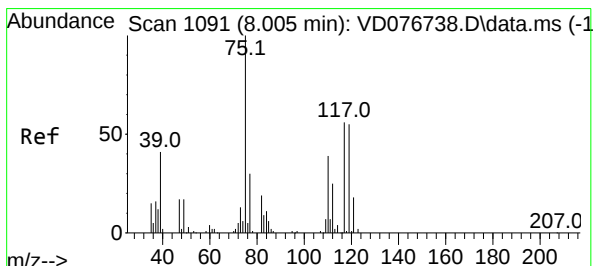
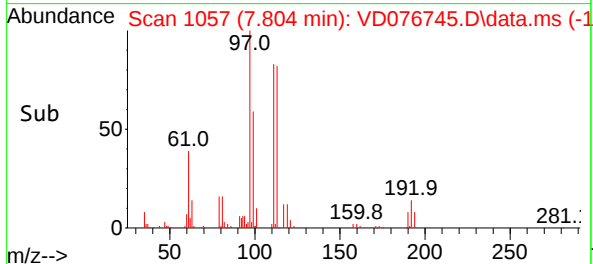
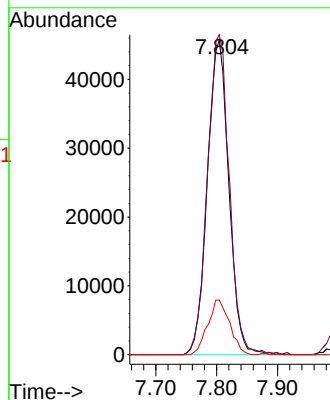
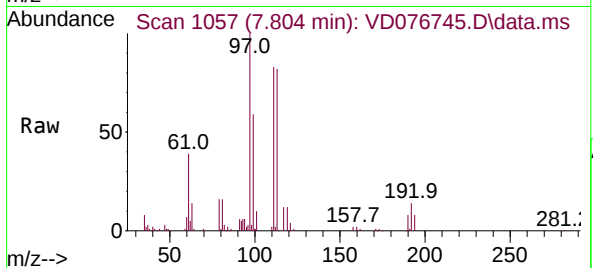
Ion	Ratio	Lower	Upper
113	100		
111	103.3	84.7	127.1
192	17.8	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#36

1,1-Dichloropropene

Concen: 55.323 ug/l

RT: 8.004 min Scan# 1091

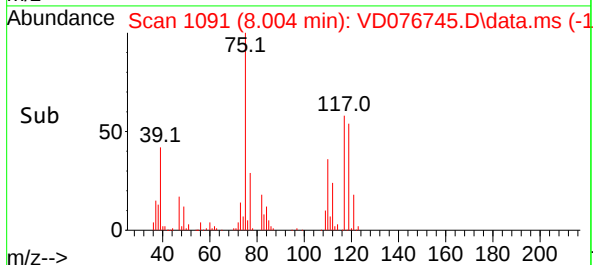
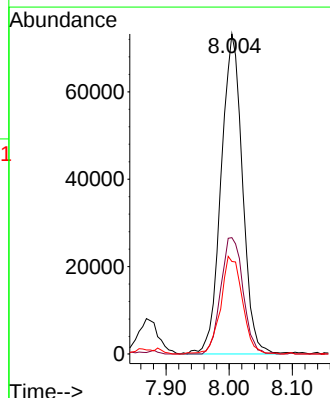
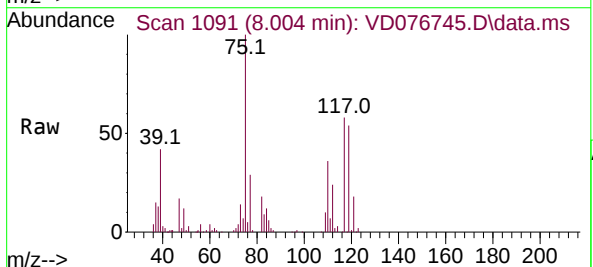
Delta R.T. -0.001 min

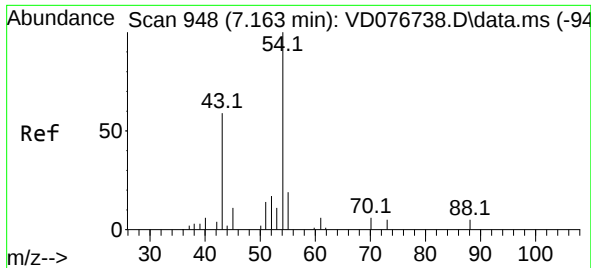
Lab File: VD076745.D

Acq: 17 Jul 2023 10:19

Tgt Ion: 75 Resp: 171849

Ion	Ratio	Lower	Upper
75	100		
110	37.9	19.9	59.6
77	31.0	24.7	37.1





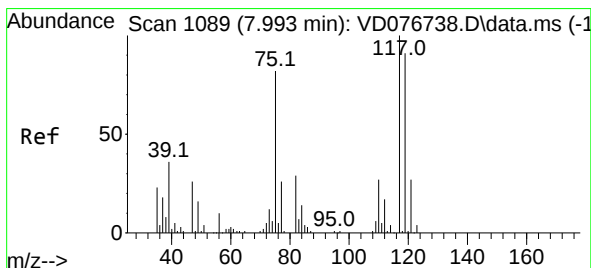
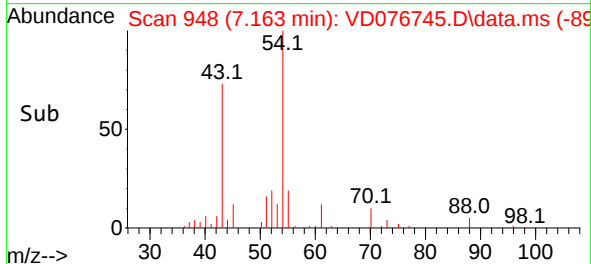
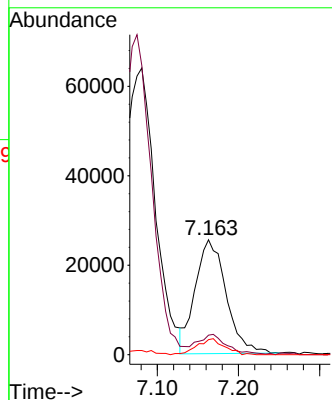
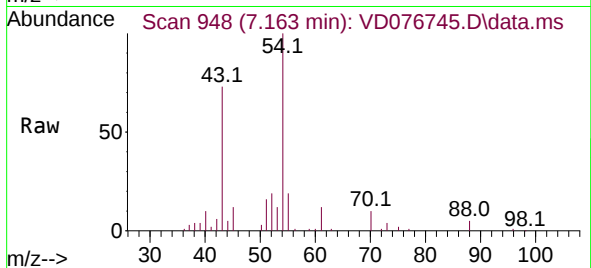
#37
Ethyl Acetate
Concen: 48.620 ug/l
RT: 7.163 min Scan# 948
Delta R.T. 0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 6754
Ion Ratio Lower Upper
43 100
61 16.5 14.9 22.3
70 12.4 10.0 15.0

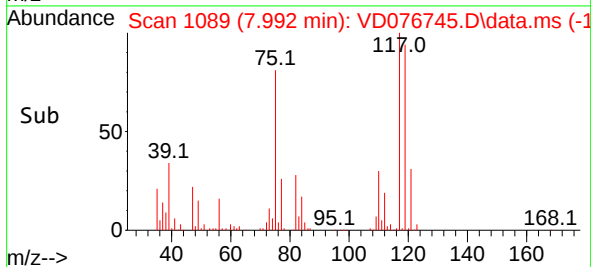
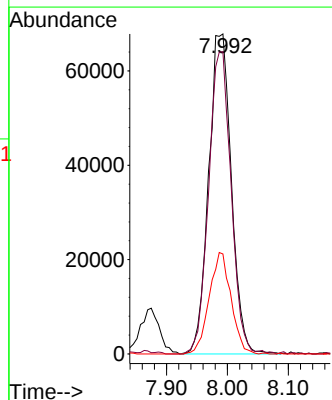
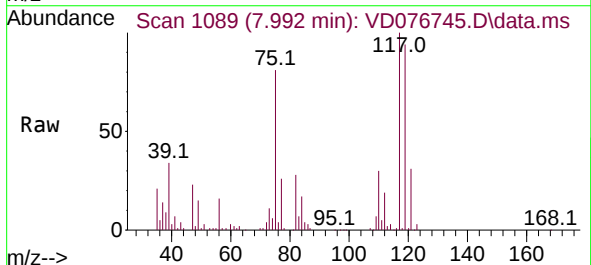
Manual Integrations
APPROVED

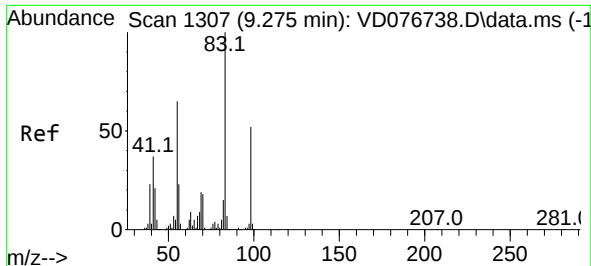
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#38
Carbon Tetrachloride
Concen: 59.126 ug/l
RT: 7.992 min Scan# 1089
Delta R.T. -0.001 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Tgt Ion:117 Resp: 175861
Ion Ratio Lower Upper
117 100
119 94.4 78.0 117.0
121 31.3 24.2 36.2





#39

Methylcyclohexane

Concen: 56.120 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD076745.D

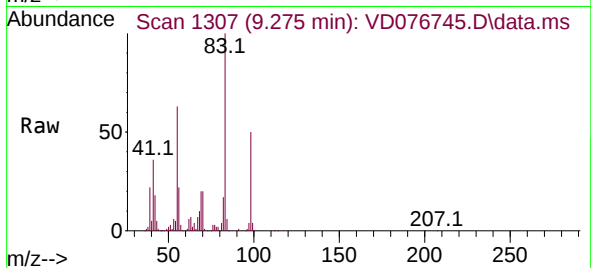
Acq: 17 Jul 2023 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



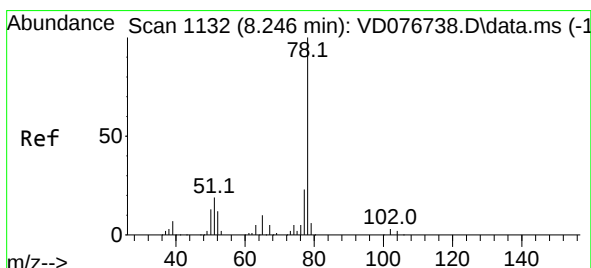
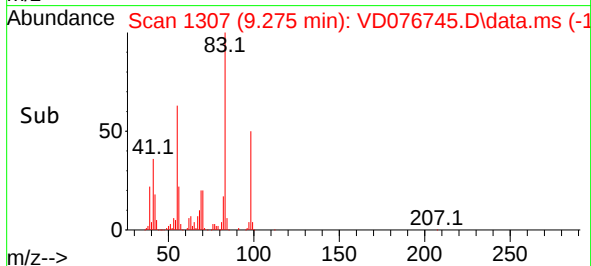
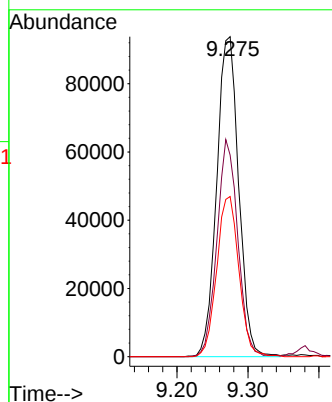
Tgt Ion:	83	Resp:	201284
Ion	Ratio	Lower	Upper
83	100		
55	63.0	49.4	74.0
98	50.1	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#40

Benzene

Concen: 53.567 ug/l

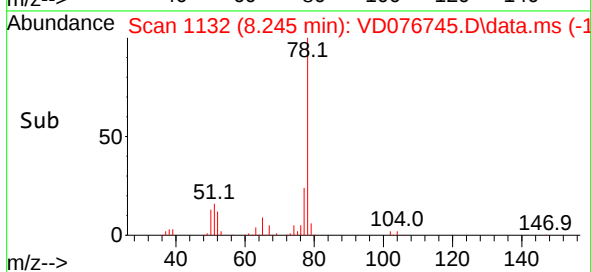
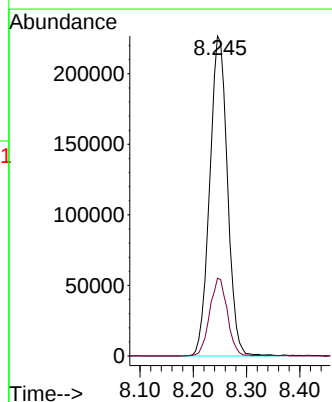
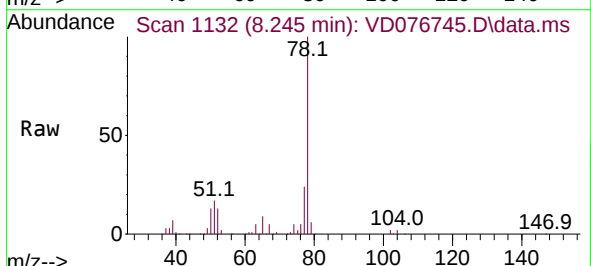
RT: 8.245 min Scan# 1132

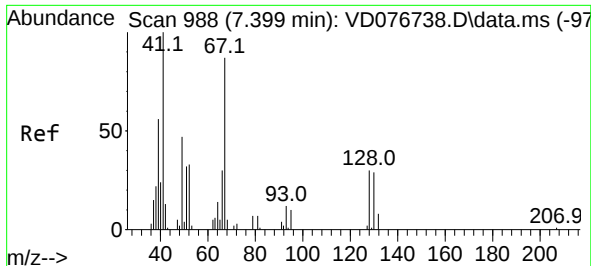
Delta R.T. -0.001 min

Lab File: VD076745.D

Acq: 17 Jul 2023 10:19

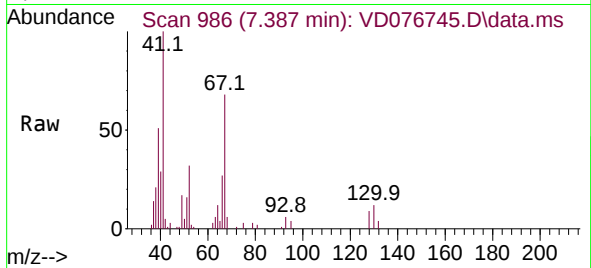
Tgt Ion:	78	Resp:	525017
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.0





#41
Methacrylonitrile
Concen: 51.533 ug/l m
RT: 7.387 min Scan# 986
Delta R.T. -0.012 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

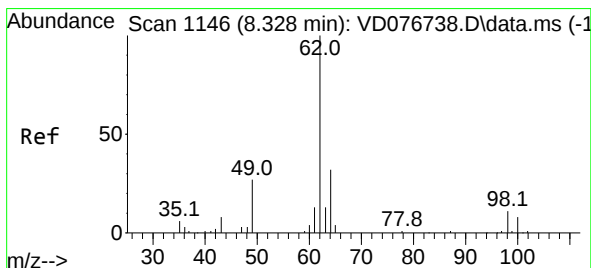
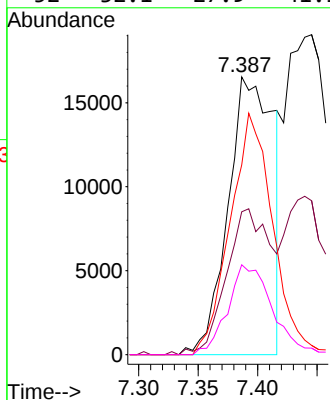
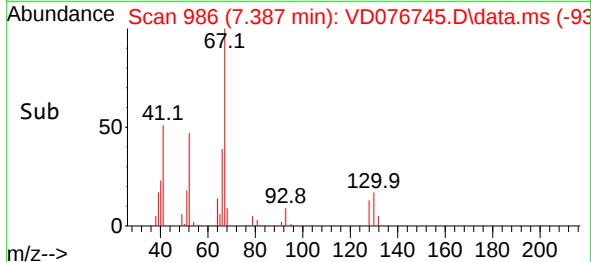
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 43710
Ion Ratio Lower Upper
41 100
39 51.6 34.0 51.0
67 82.4 77.0 115.4
52 32.1 27.9 41.9

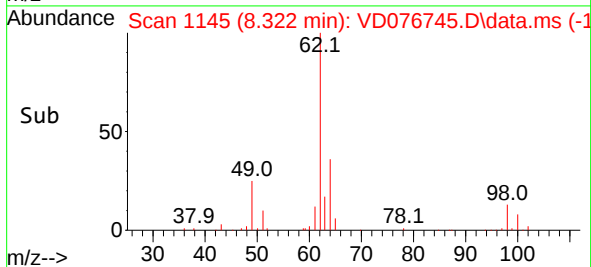
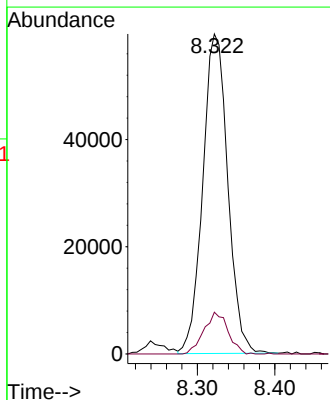
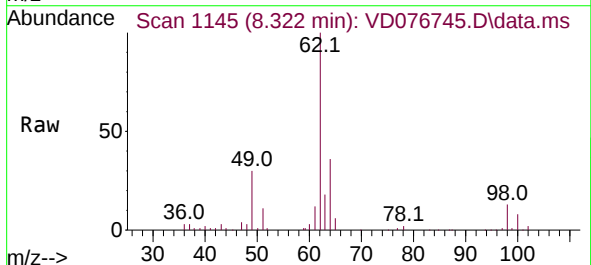
Manual Integrations
APPROVED

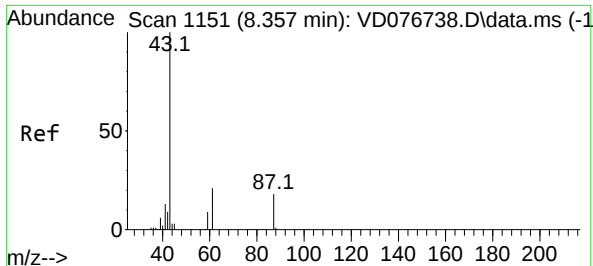
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#42
1,2-Dichloroethane
Concen: 52.457 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Tgt Ion: 62 Resp: 133588
Ion Ratio Lower Upper
62 100
98 12.6 0.0 25.4





#43

Isopropyl Acetate

Concen: 51.024 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD076745.D

Acq: 17 Jul 2023 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 13833

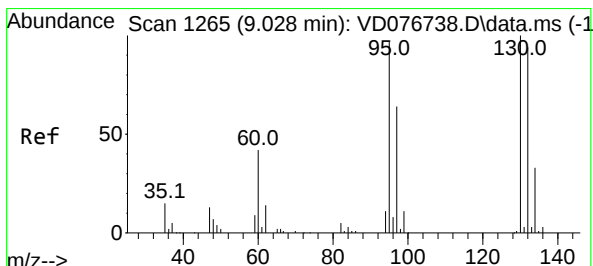
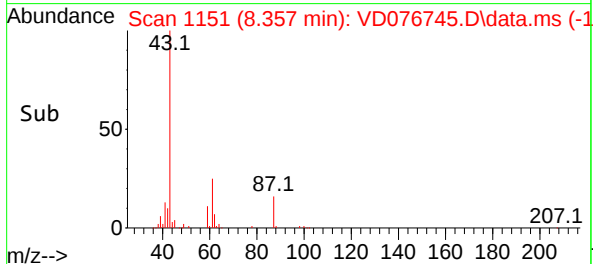
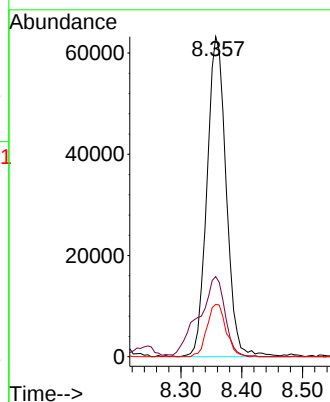
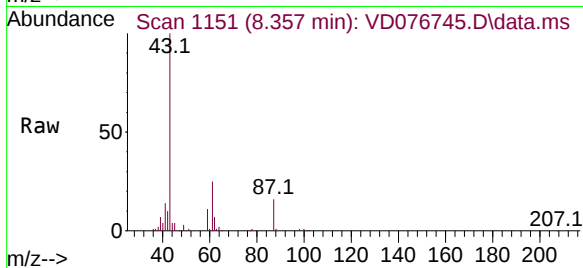
Ion	Ratio	Lower	Upper
43	100		
61	34.1	31.4	47.0
87	16.2	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#44

Trichloroethene

Concen: 55.174 ug/l

RT: 9.028 min Scan# 1265

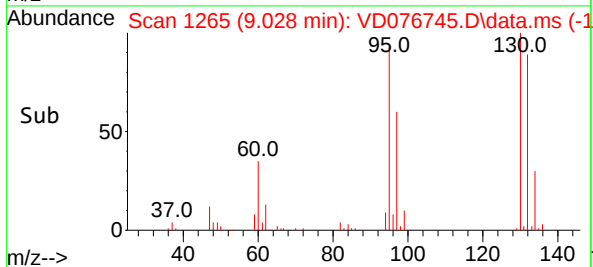
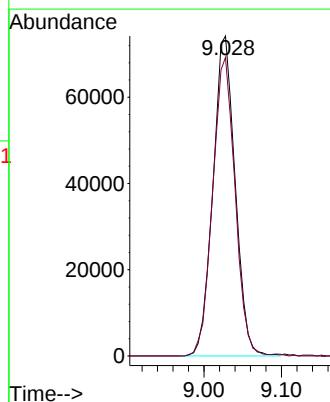
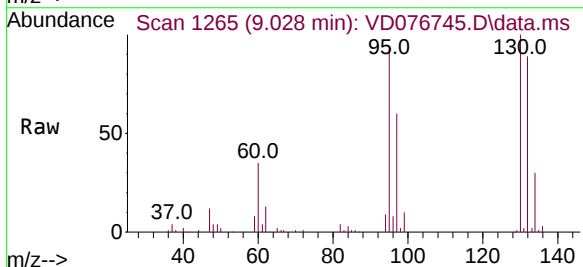
Delta R.T. -0.000 min

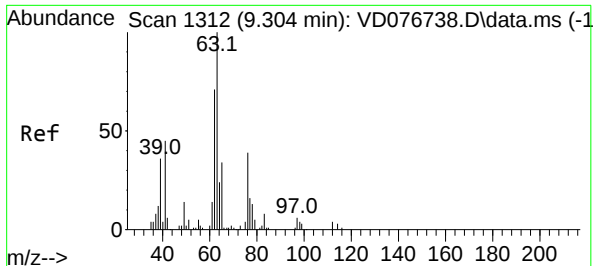
Lab File: VD076745.D

Acq: 17 Jul 2023 10:19

Tgt Ion:130 Resp: 147359

Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	179.2





#45

1,2-Dichloropropane

Concen: 53.280 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076745.D

Acq: 17 Jul 2023 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 134799

Ion Ratio Lower Upper

63 100

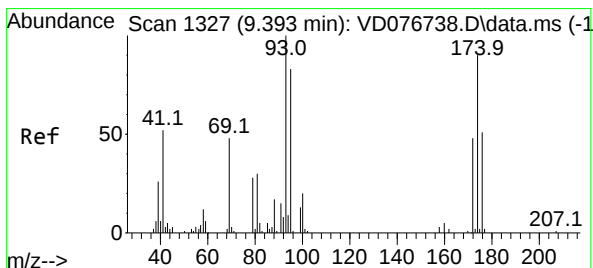
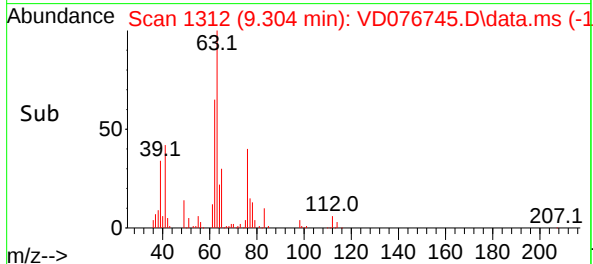
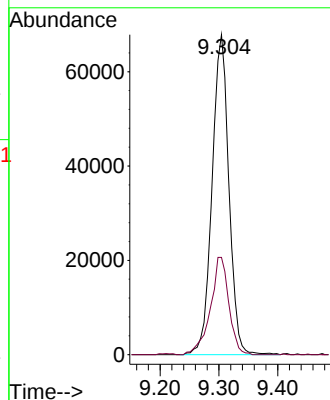
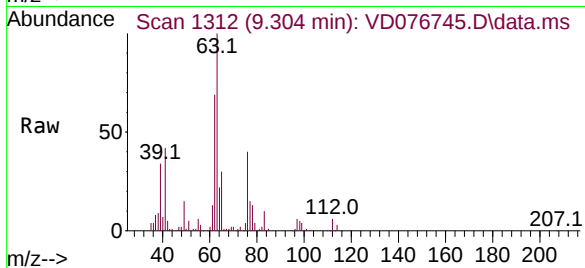
65 30.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#46

Dibromomethane

Concen: 53.631 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.001 min

Lab File: VD076745.D

Acq: 17 Jul 2023 10:19

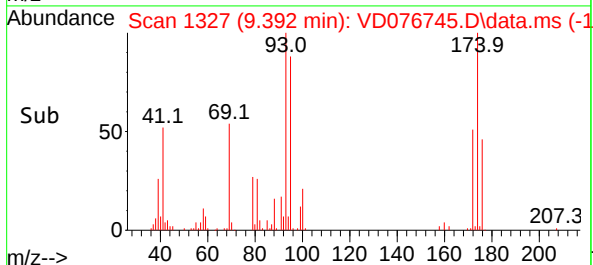
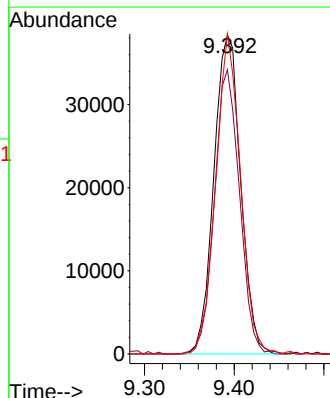
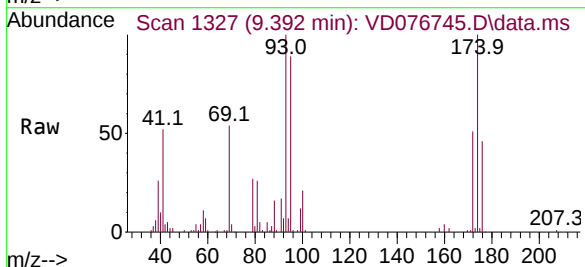
Tgt Ion: 93 Resp: 79423

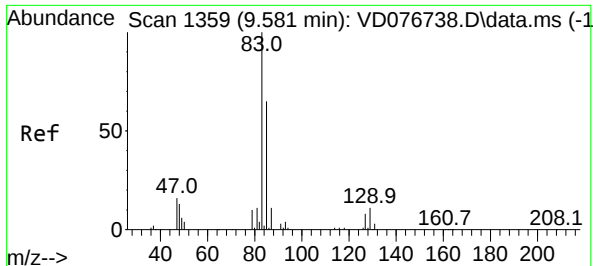
Ion Ratio Lower Upper

93 100

95 83.9 67.7 101.5

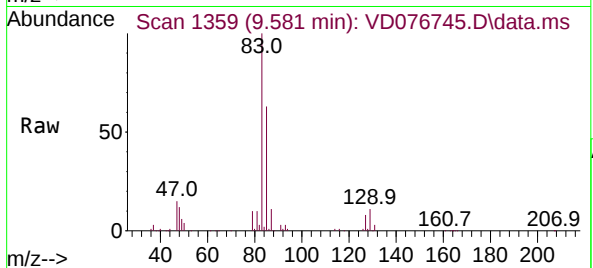
174 92.8 85.4 128.2





#47
Bromodichloromethane
Concen: 53.477 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

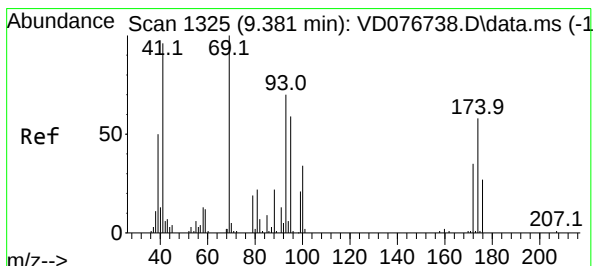
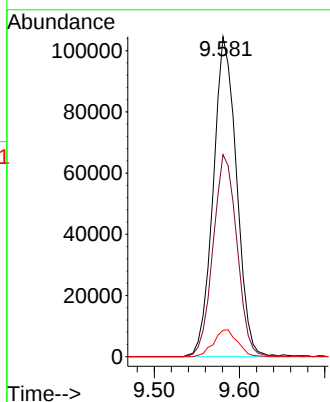
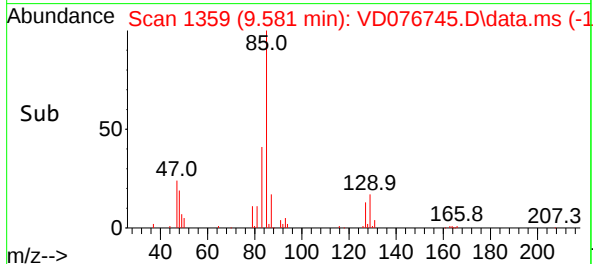
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 19873
Ion Ratio Lower Upper
83 100
85 63.2 50.2 75.4
127 8.2 6.3 9.5

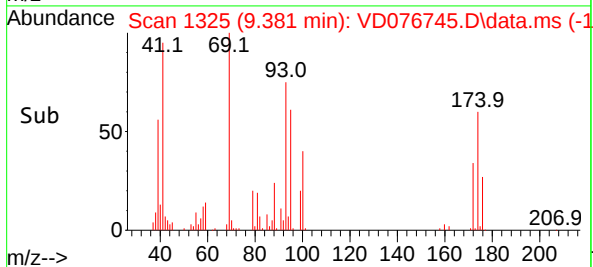
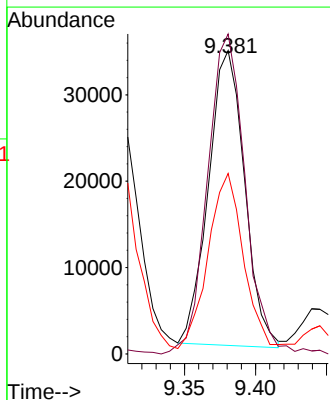
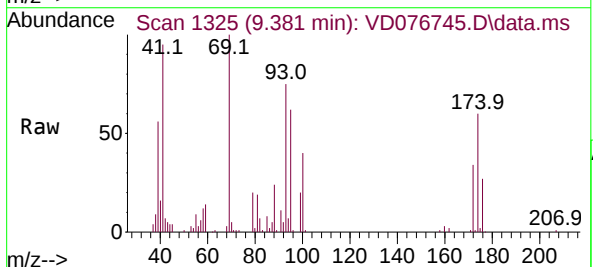
Manual Integrations
APPROVED

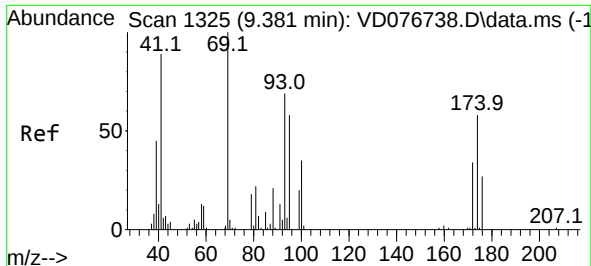
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#48
Methyl methacrylate
Concen: 48.843 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

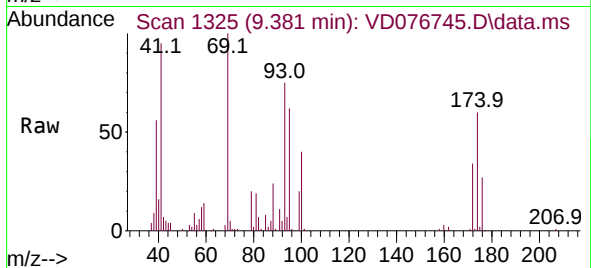
Tgt Ion: 41 Resp: 60268
Ion Ratio Lower Upper
41 100
69 113.7 102.2 153.2
39 61.3 41.4 62.2





#49
1,4-Dioxane
Concen: 991.059 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

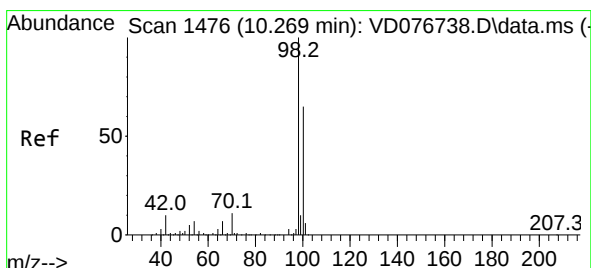
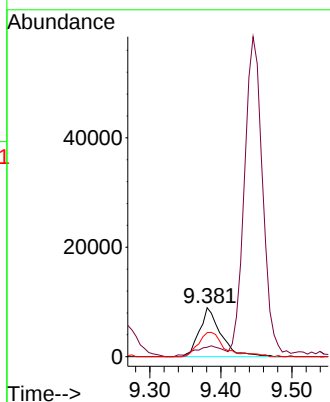
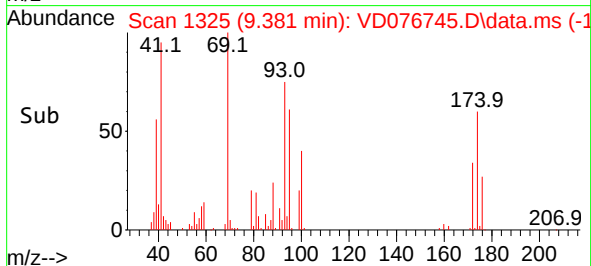
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



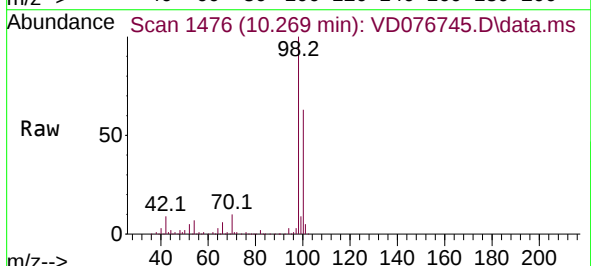
Tgt Ion: 88 Resp: 18804
Ion Ratio Lower Upper
88 100
43 28.2 19.0 28.6
58 60.2 43.5 65.3

Manual Integrations
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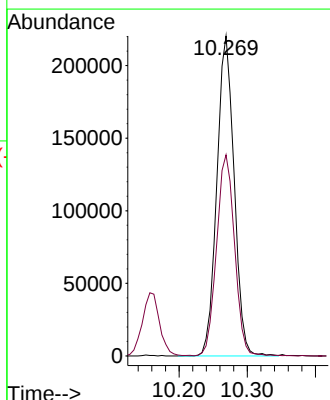
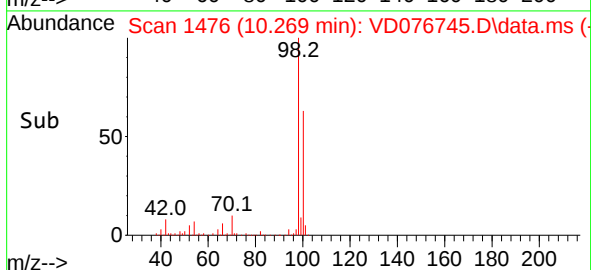
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

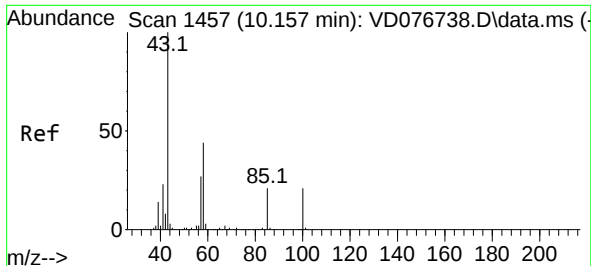


#50
Toluene-d8
Concen: 45.714 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19



Tgt Ion: 98 Resp: 388749
Ion Ratio Lower Upper
98 100
100 65.6 50.3 75.5





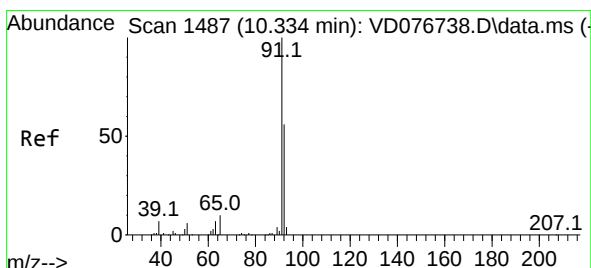
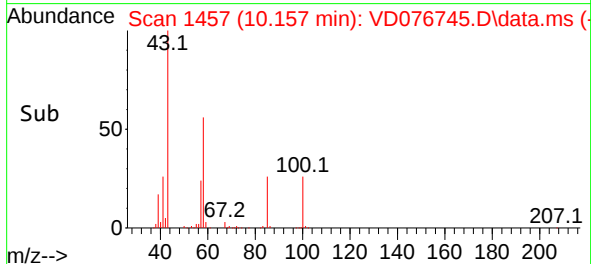
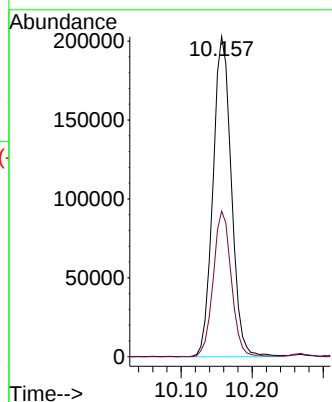
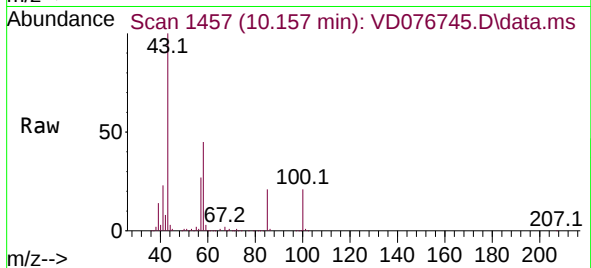
#51
4-Methyl-2-Pentanone
Concen: 252.684 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 36474
Ion Ratio Lower Upper
43 100
58 44.7 38.9 58.3

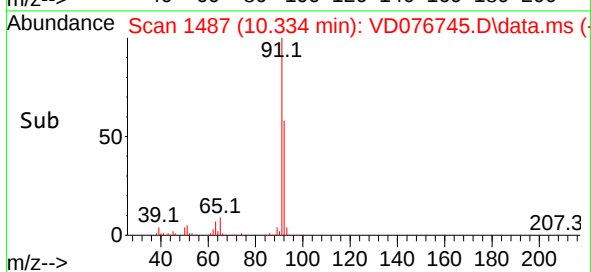
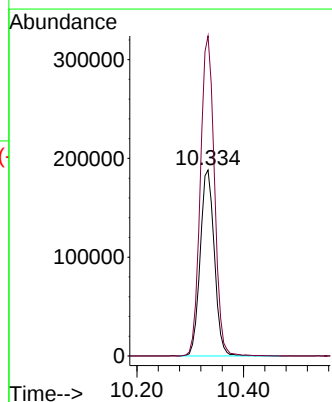
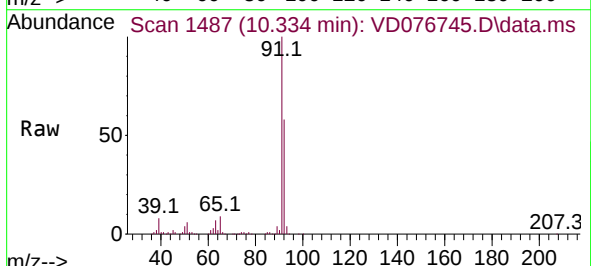
Manual Integrations
APPROVED

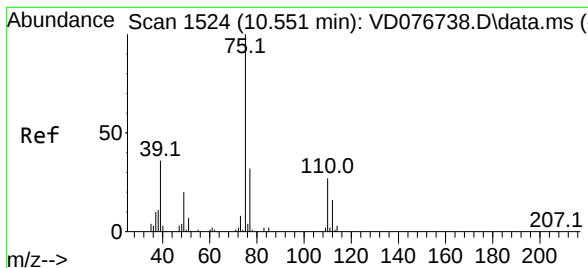
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#52
Toluene
Concen: 53.919 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

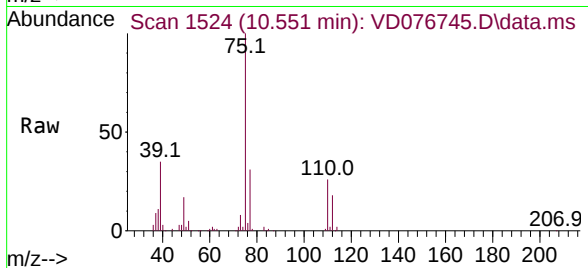
Tgt Ion: 92 Resp: 347087
Ion Ratio Lower Upper
92 100
91 170.9 143.0 214.4





#53
 t-1,3-Dichloropropene
 Concen: 53.561 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD076745.D
 Acq: 17 Jul 2023 10:19

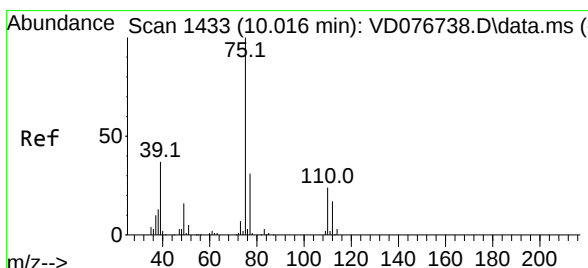
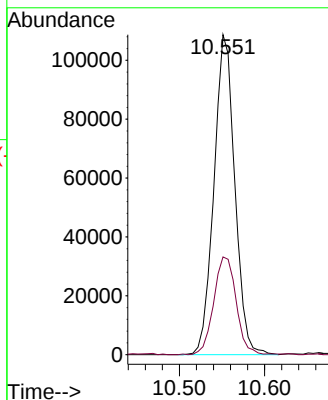
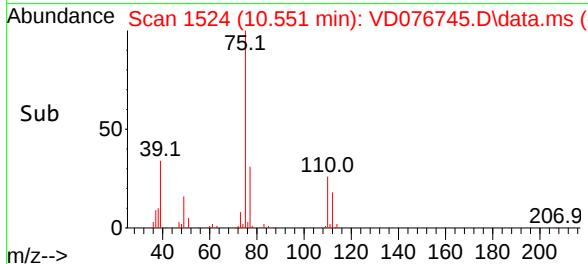
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



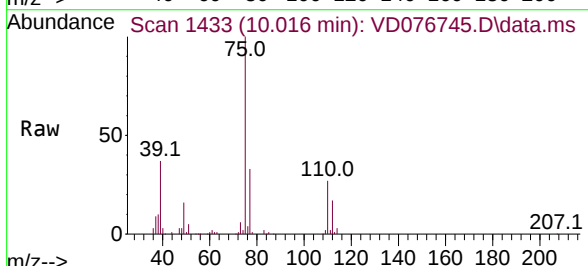
Tgt Ion: 75 Resp: 18475
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.3 37.9

Manual Integrations
 APPROVED

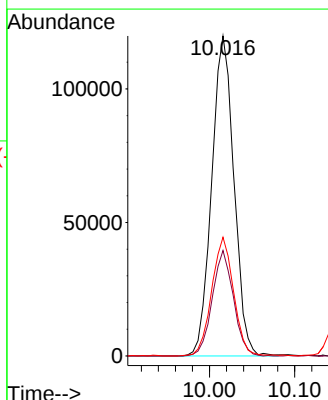
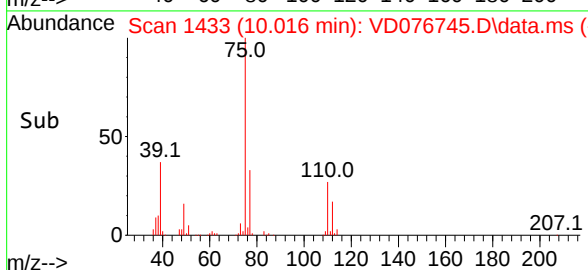
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

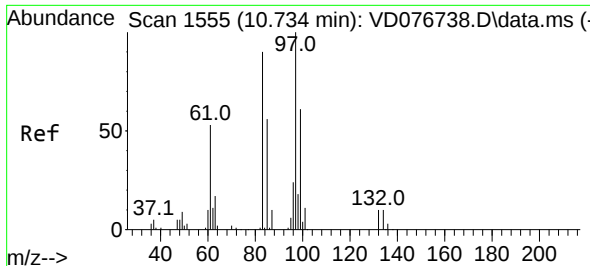


#54
 cis-1,3-Dichloropropene
 Concen: 53.486 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD076745.D
 Acq: 17 Jul 2023 10:19



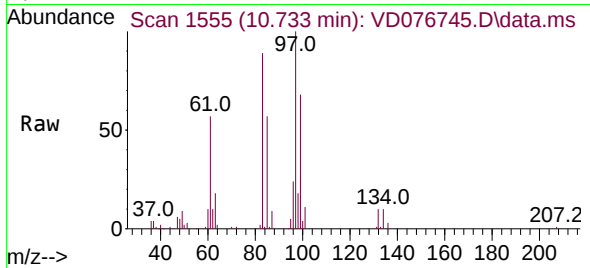
Tgt Ion: 75 Resp: 217439
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.5 38.3
 39 37.1 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 52.584 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

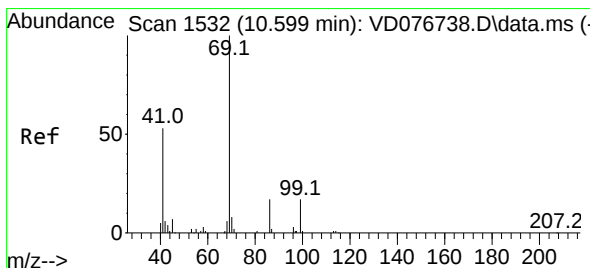
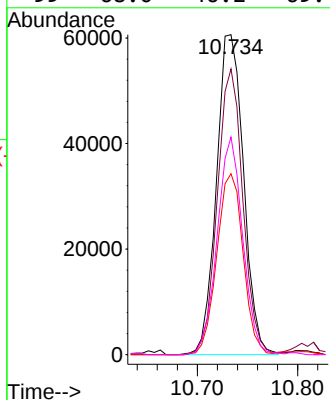
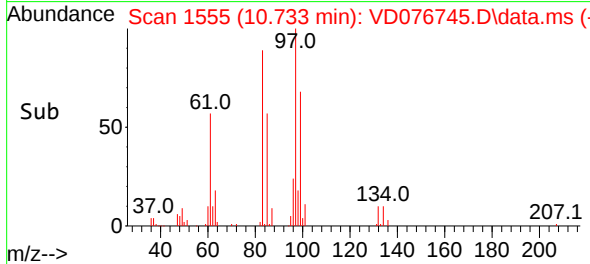
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



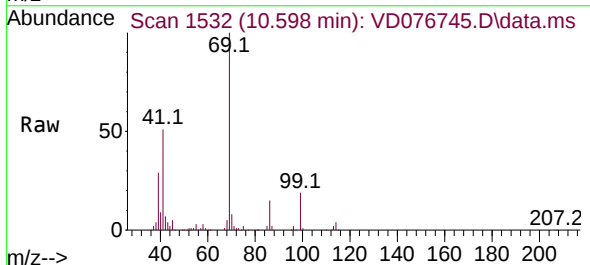
Tgt Ion:	97	Resp:	113714
Ion	Ratio	Lower	Upper
97	100		
83	89.3	65.8	98.6
85	56.5	45.7	68.5
99	68.0	46.2	69.4

Manual Integrations
APPROVED

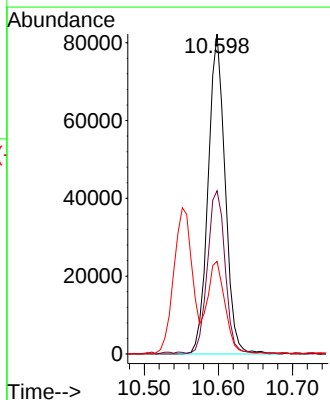
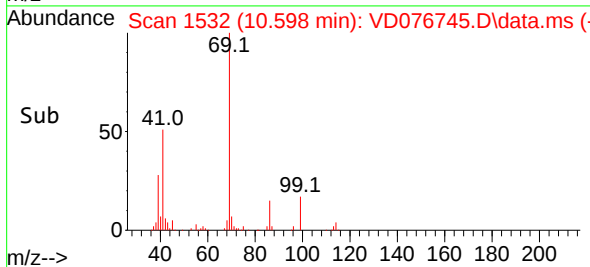
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

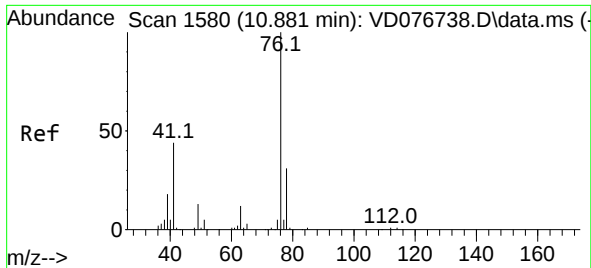


#56
Ethyl methacrylate
Concen: 52.356 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19



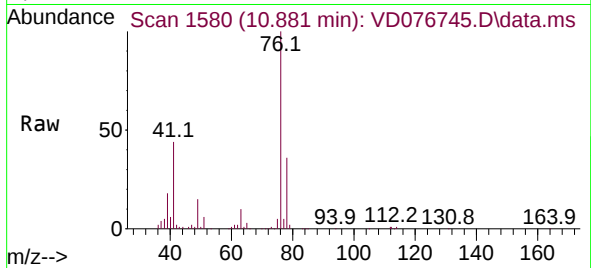
Tgt Ion:	69	Resp:	130678
Ion	Ratio	Lower	Upper
69	100		
41	52.7	39.1	58.7
39	29.8	20.0	30.0





#57
1,3-Dichloropropane
Concen: 51.862 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

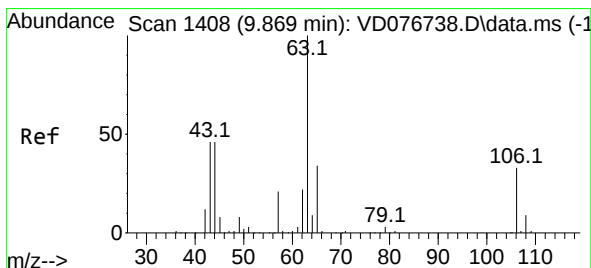
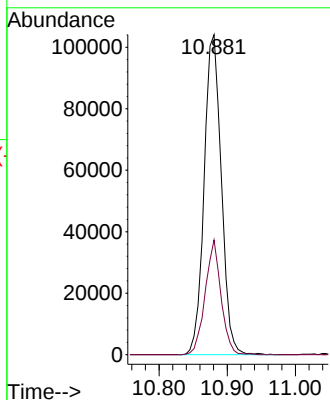
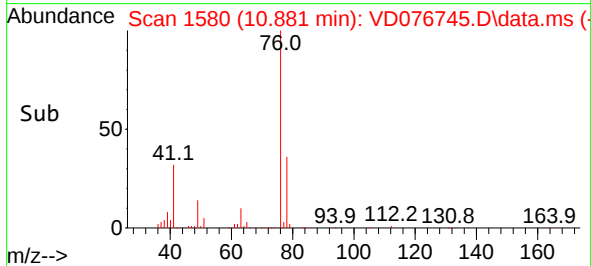
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 18264
Ion Ratio Lower Upper
76 100
78 33.0 26.4 39.6

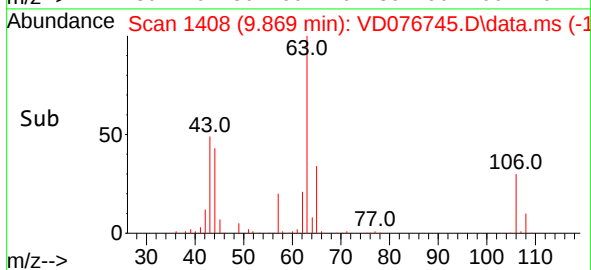
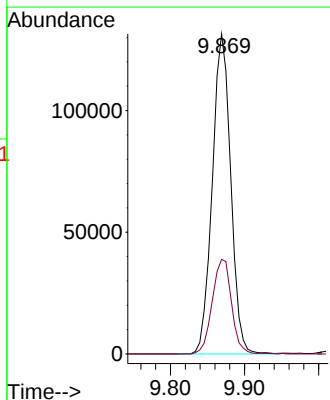
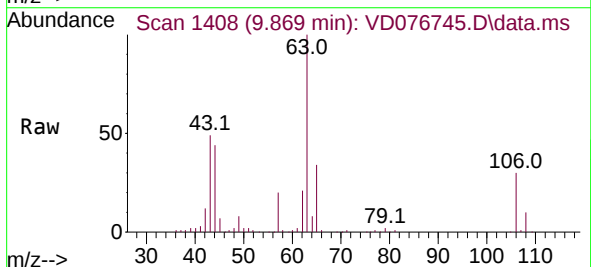
Manual Integrations
APPROVED

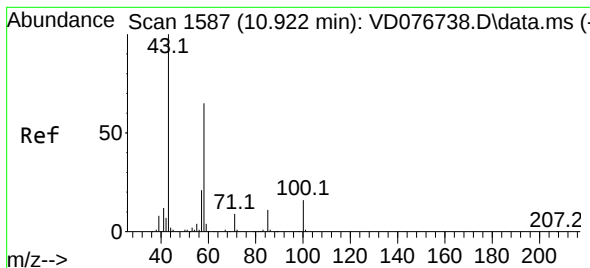
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#58
2-Chloroethyl Vinyl ether
Concen: 235.116 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

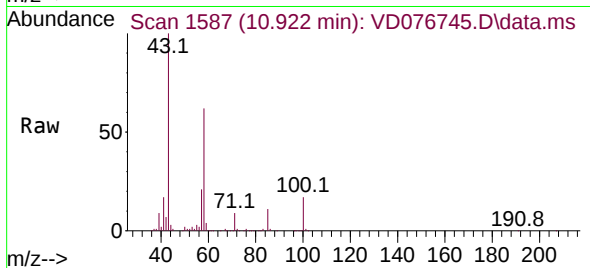
Tgt Ion: 63 Resp: 227154
Ion Ratio Lower Upper
63 100
106 31.0 25.3 37.9





#59
2-Hexanone
Concen: 266.781 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

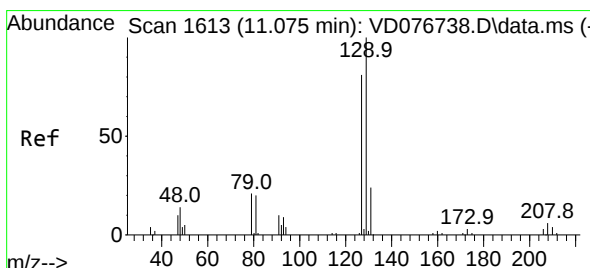
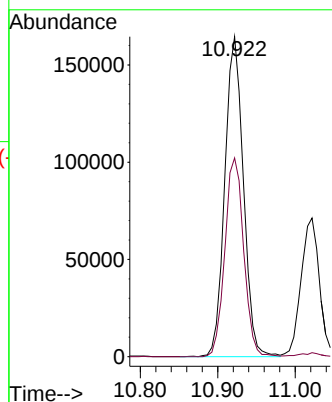
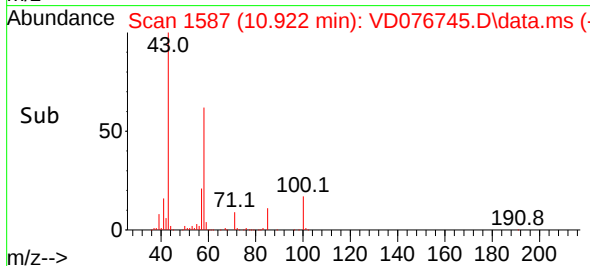
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 274778
Ion Ratio Lower Upper
43 100
58 62.8 34.1 102.2

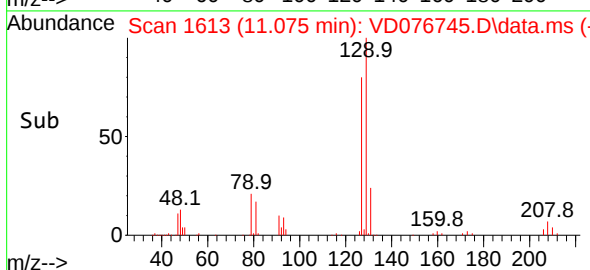
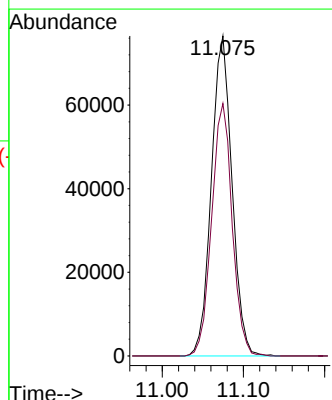
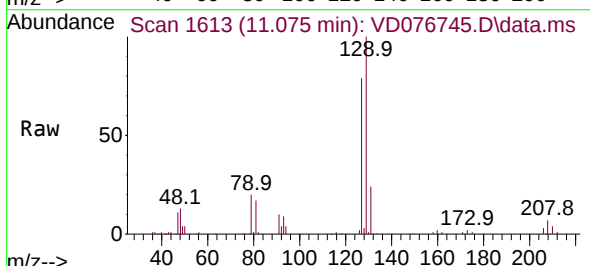
Manual Integrations
APPROVED

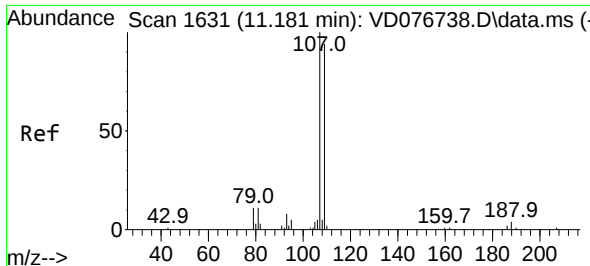
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#60
Dibromochloromethane
Concen: 53.737 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

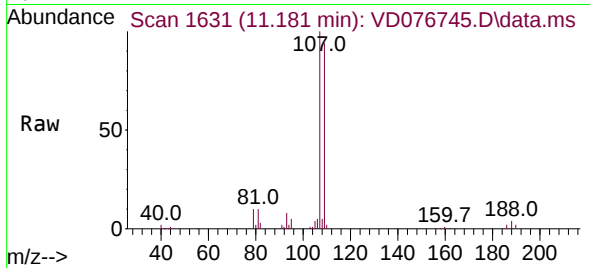
Tgt Ion:129 Resp: 134997
Ion Ratio Lower Upper
129 100
127 78.5 37.1 111.5





#61
1,2-Dibromoethane
Concen: 52.040 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

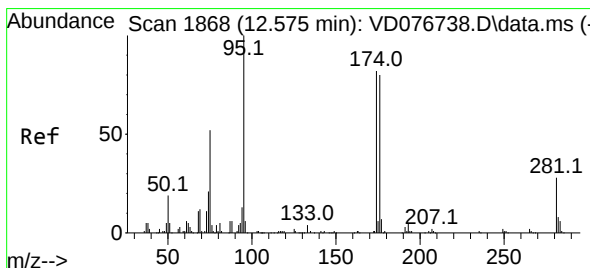
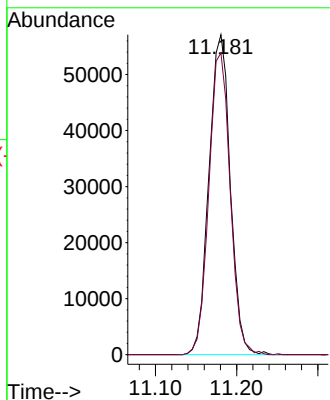
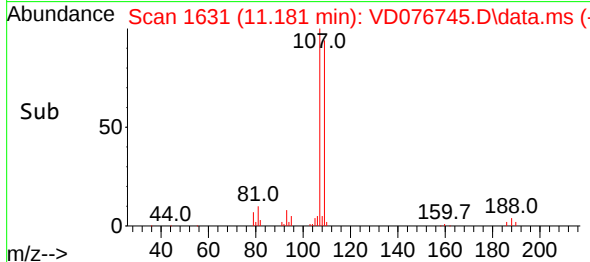
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



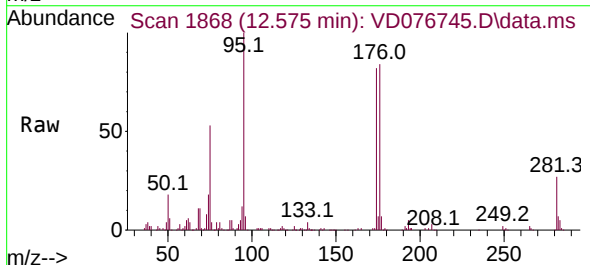
Tgt Ion:107 Resp: 104335
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4

Manual Integrations
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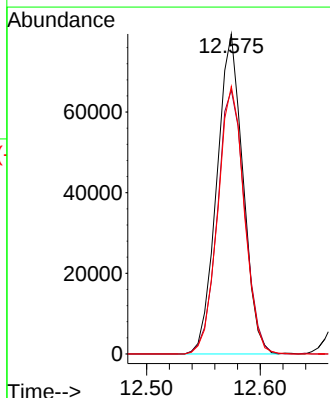
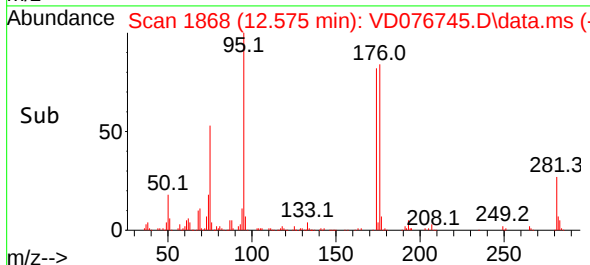
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

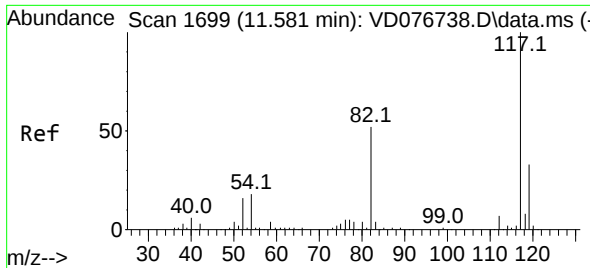


#62
4-Bromofluorobenzene
Concen: 46.146 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19



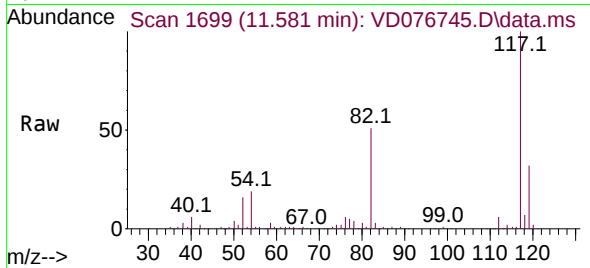
Tgt Ion: 95 Resp: 126950
Ion Ratio Lower Upper
95 100
174 85.8 0.0 201.8
176 84.5 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

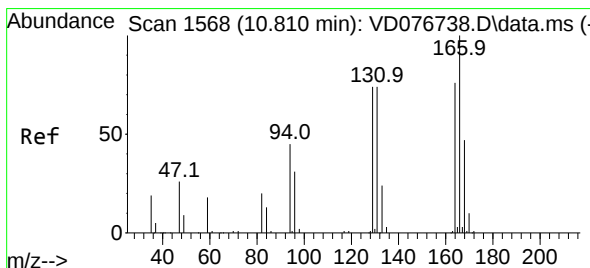
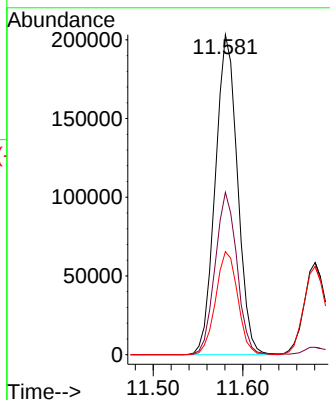
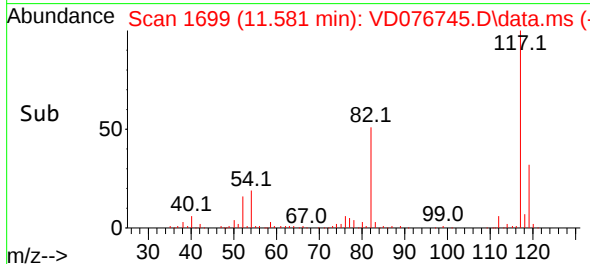
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



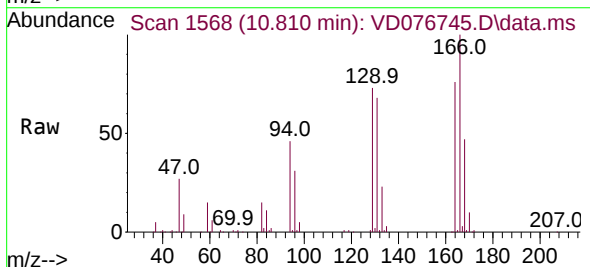
Tgt Ion:117 Resp: 349288
Ion Ratio Lower Upper
117 100
82 50.7 38.3 57.5
119 32.2 25.0 37.4

Manual Integrations
APPROVED

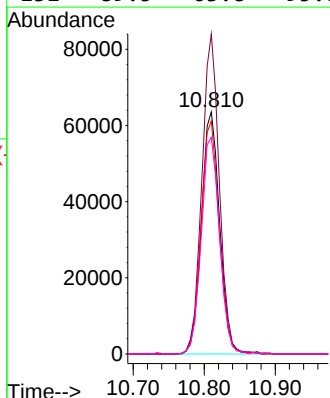
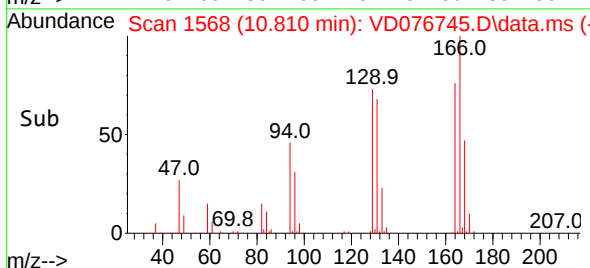
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

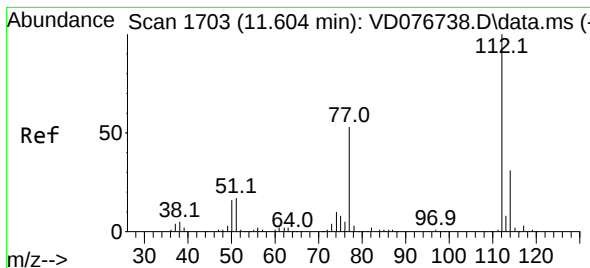


#64
Tetrachloroethene
Concen: 57.113 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19



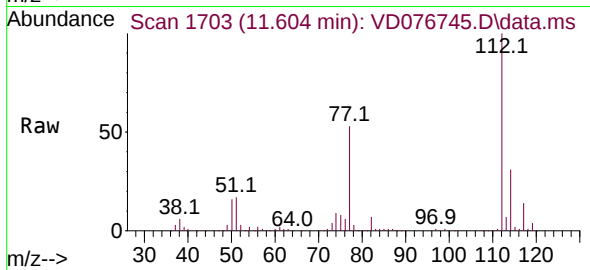
Tgt Ion:164 Resp: 113752
Ion Ratio Lower Upper
164 100
166 132.2 99.2 148.8
129 96.2 68.4 102.6
131 89.5 63.8 95.8





#65
Chlorobenzene
Concen: 53.874 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

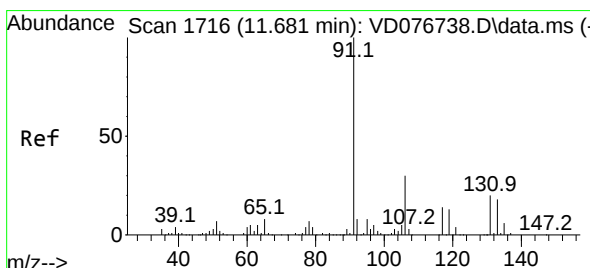
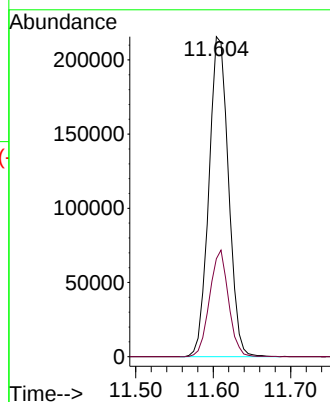
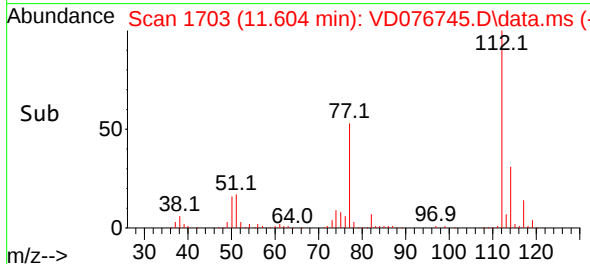
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



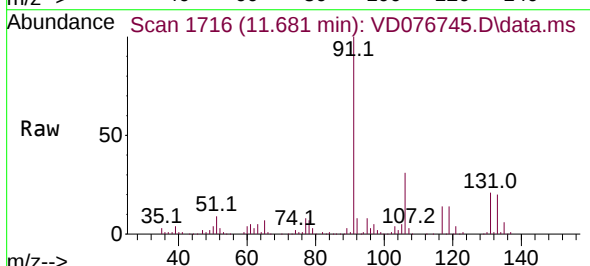
Tgt Ion:112 Resp: 378462
Ion Ratio Lower Upper
112 100
114 30.6 25.1 37.7

Manual Integrations
APPROVED

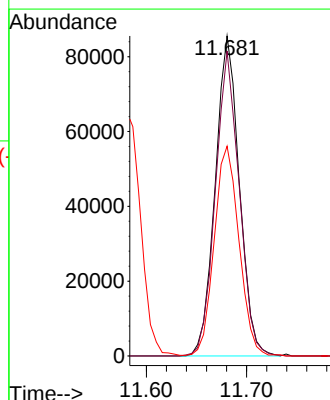
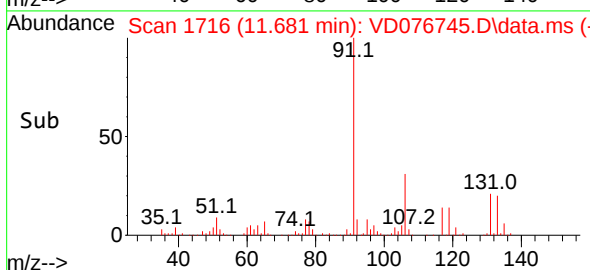
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

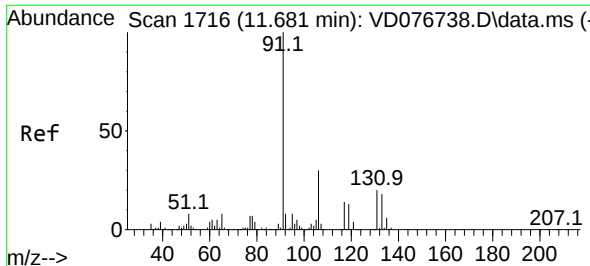


#66
1,1,1,2-Tetrachloroethane
Concen: 54.638 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19



Tgt Ion:131 Resp: 142900
Ion Ratio Lower Upper
131 100
133 93.9 48.5 145.5
119 67.4 35.6 106.9





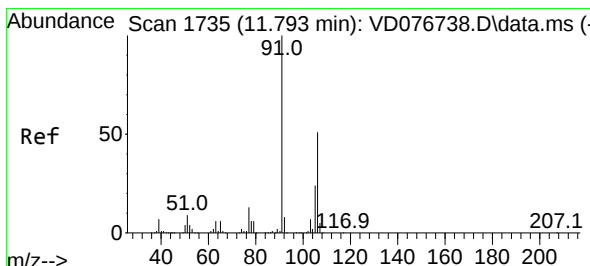
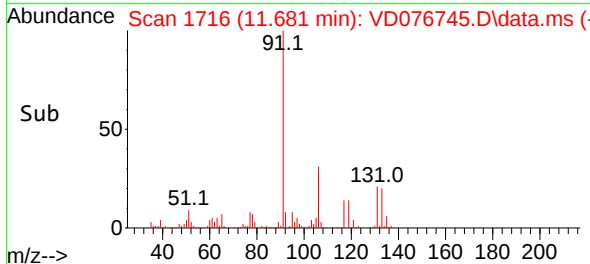
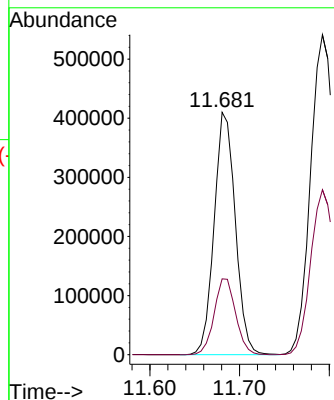
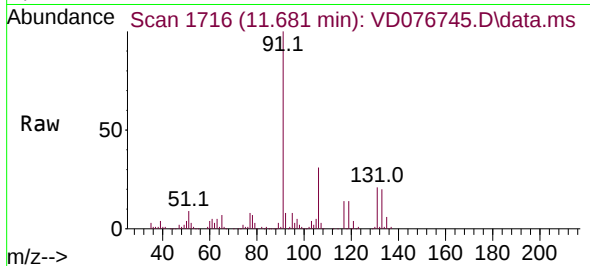
#67
Ethyl Benzene
Concen: 54.483 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 672164
Ion Ratio Lower Upper
91 100
106 31.3 26.5 39.7

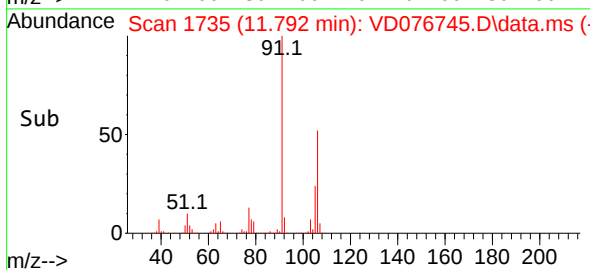
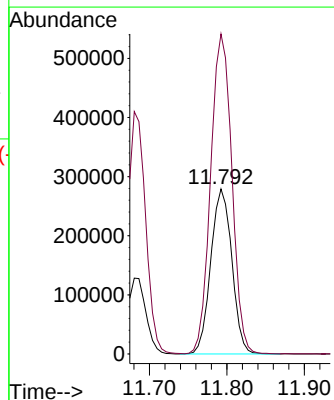
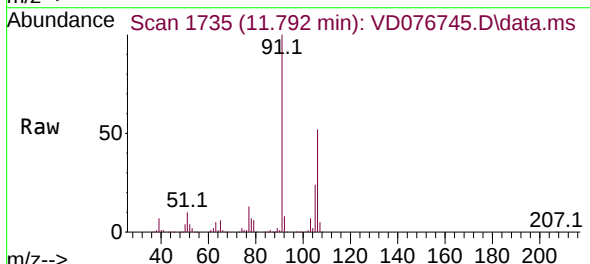
Manual Integrations
APPROVED

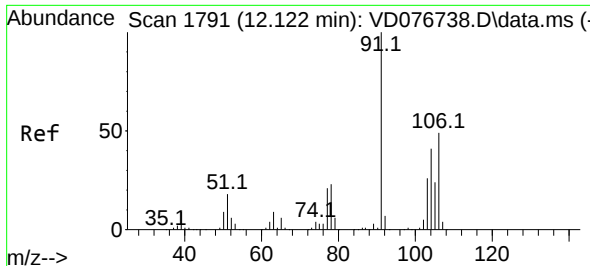
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#68
m/p-Xylenes
Concen: 111.009 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Tgt Ion:106 Resp: 525979
Ion Ratio Lower Upper
106 100
91 195.7 147.0 220.6





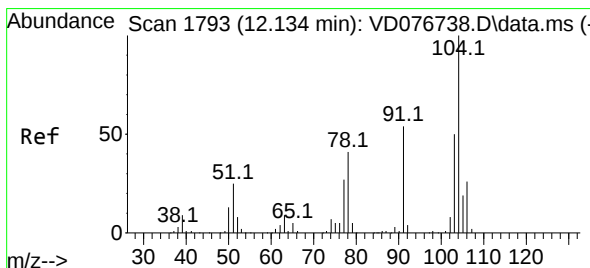
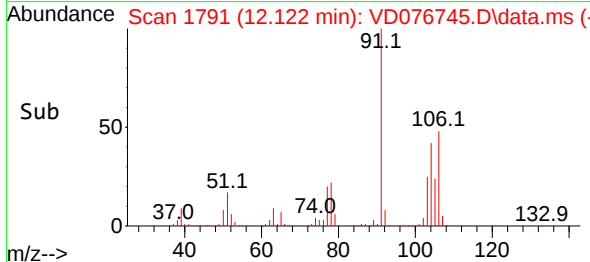
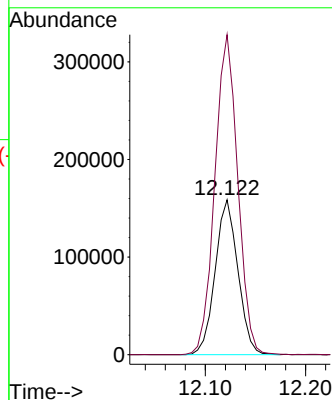
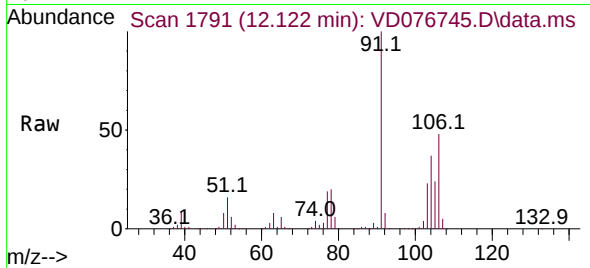
#69
o-Xylene
Concen: 54.546 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 249925
Ion Ratio Lower Upper
106 100
91 208.6 97.9 293.6

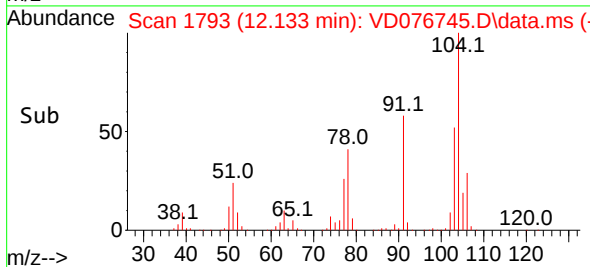
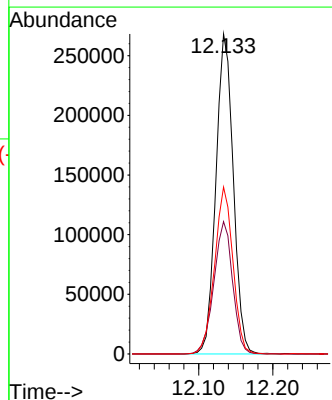
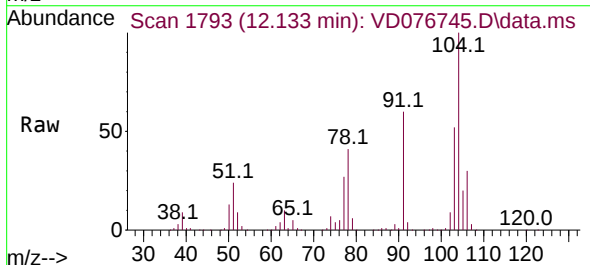
Manual Integrations
APPROVED

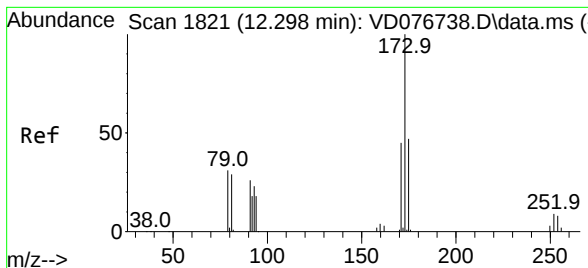
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#70
Styrene
Concen: 54.418 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.001 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

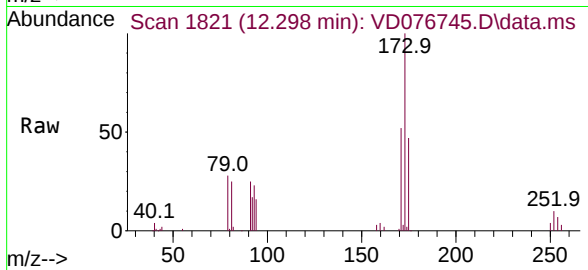
Tgt Ion:104 Resp: 436478
Ion Ratio Lower Upper
104 100
78 44.6 33.2 49.8
103 55.0 43.6 65.4





#71
Bromoform
Concen: 55.923 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

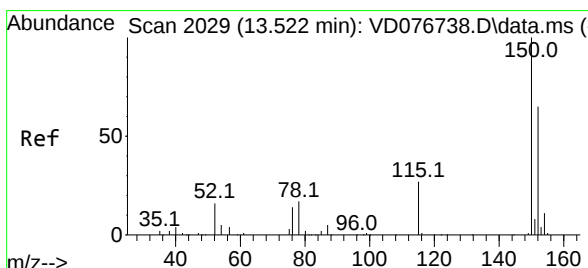
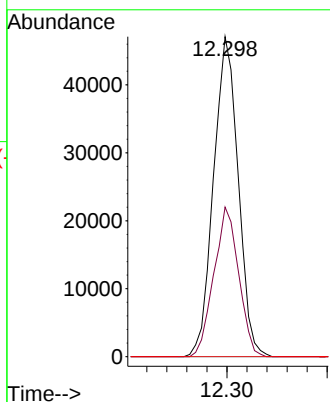
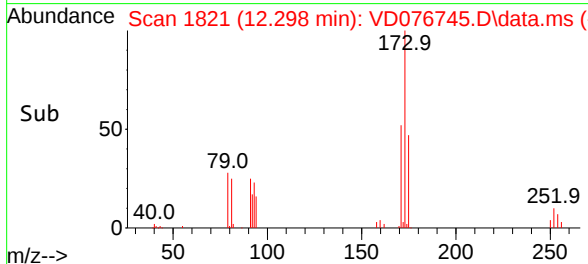
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



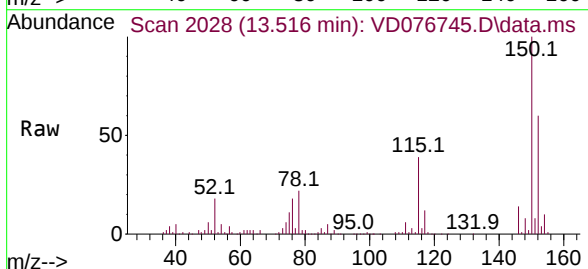
Tgt Ion:173 Resp: 8010
Ion Ratio Lower Upper
173 100
175 47.1 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

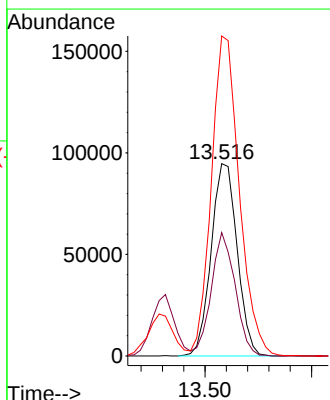
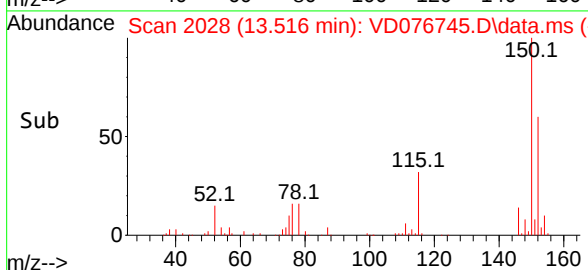
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

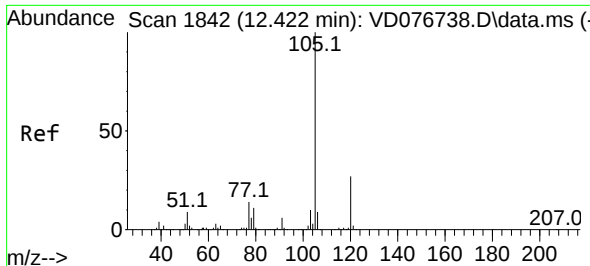


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19



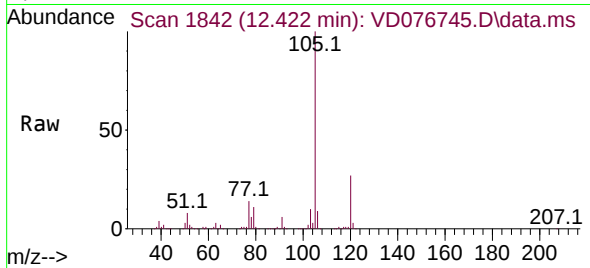
Tgt Ion:152 Resp: 160211
Ion Ratio Lower Upper
152 100
115 59.1 27.1 81.3
150 178.7 0.0 353.6





#73
Isopropylbenzene
Concen: 56.715 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

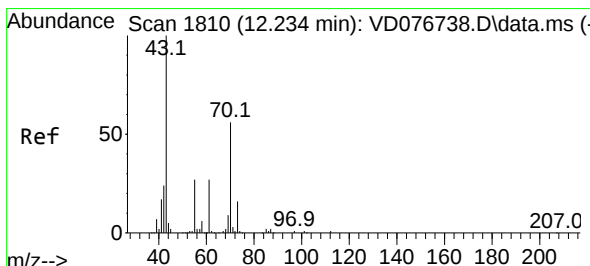
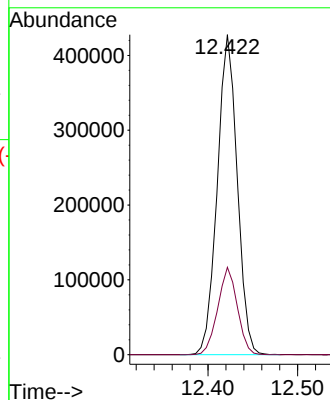
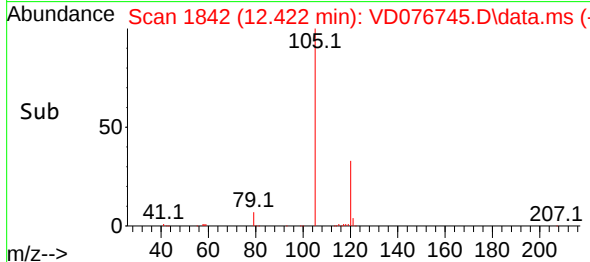
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 65923
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9

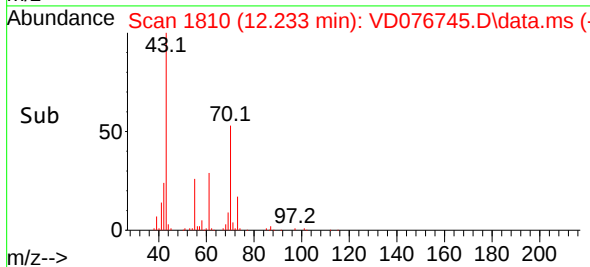
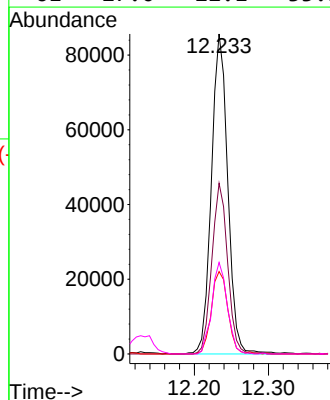
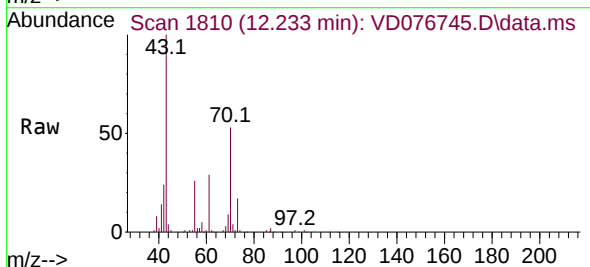
Manual Integrations
APPROVED

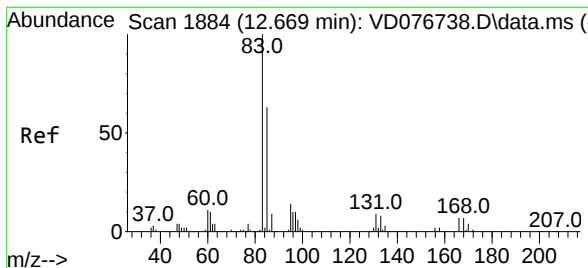
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#74
N-ethyl acetate
Concen: 53.576 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Tgt Ion: 43 Resp: 131194
Ion Ratio Lower Upper
43 100
70 51.6 45.0 67.4
55 26.1 23.8 35.6
61 27.0 22.1 33.1





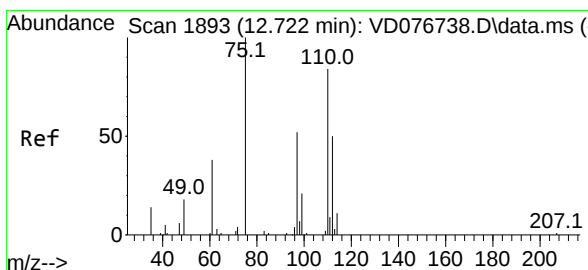
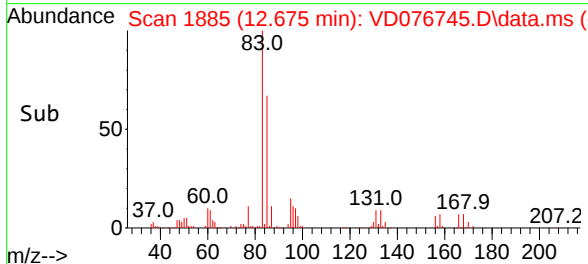
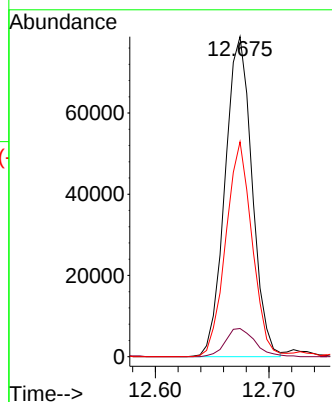
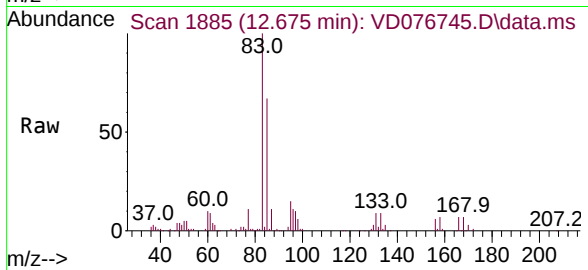
#75
1,1,2,2-Tetrachloroethane
Concen: 52.239 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 13037
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 65.5 32.6 97.8

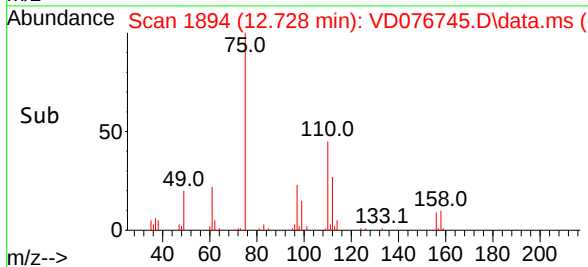
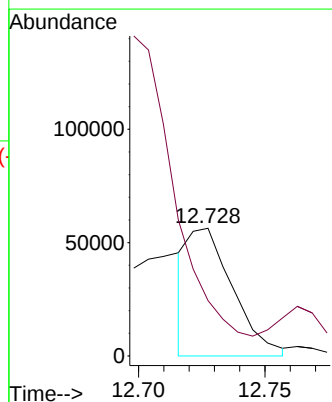
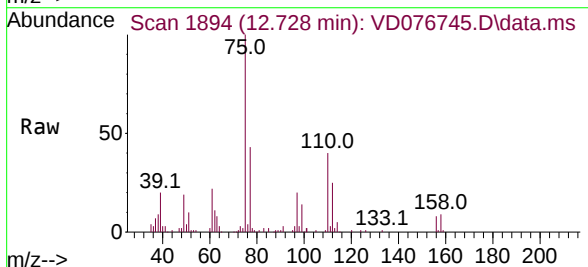
Manual Integrations
APPROVED

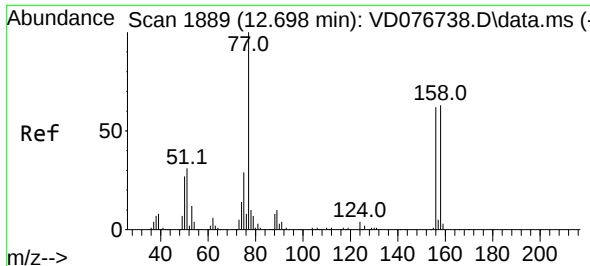
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#76
1,2,3-Trichloropropane
Concen: 45.620 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

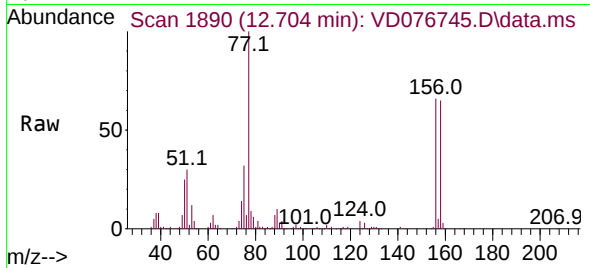
Tgt Ion: 75 Resp: 69506
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 55.665 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

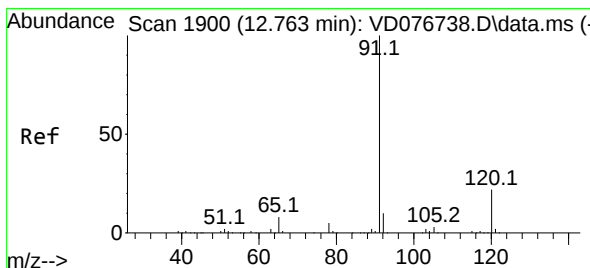
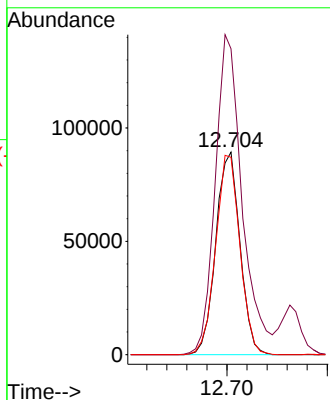
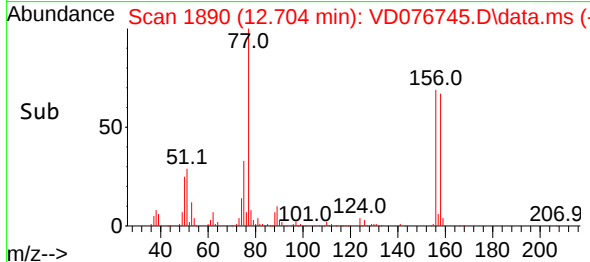
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



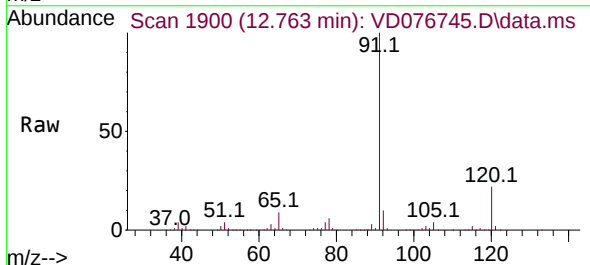
Tgt Ion:156 Resp: 149349
Ion Ratio Lower Upper
156 100
77 175.9 76.8 230.4
158 99.0 48.6 145.9

Manual Integrations
APPROVED

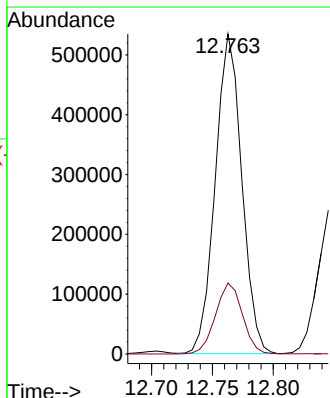
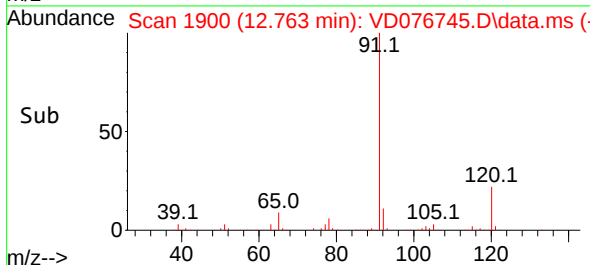
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

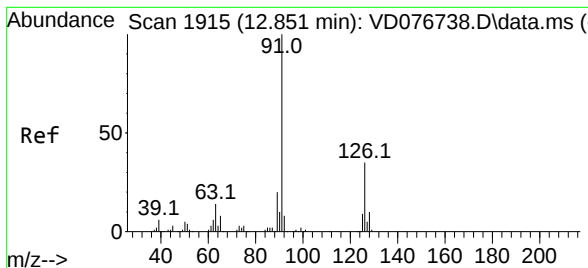


#78
n-propylbenzene
Concen: 57.391 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19



Tgt Ion: 91 Resp: 808722
Ion Ratio Lower Upper
91 100
120 22.5 12.4 37.2





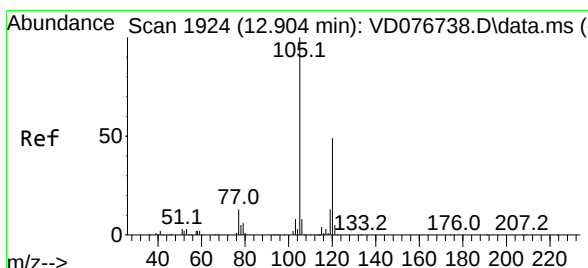
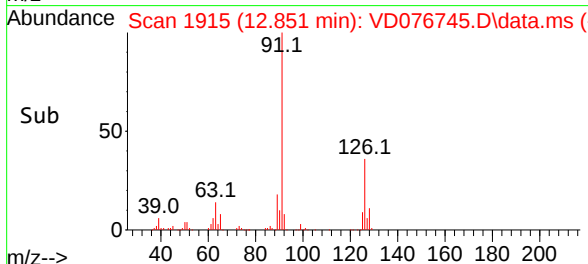
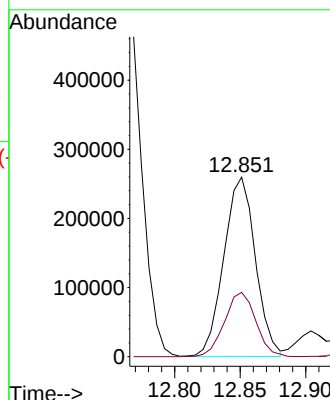
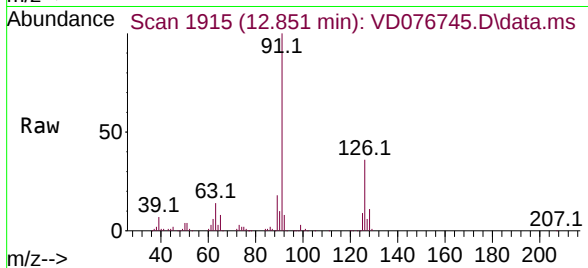
#79
2-Chlorotoluene
Concen: 56.227 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 434440
Ion Ratio Lower Upper
91 100
126 35.6 19.4 58.1

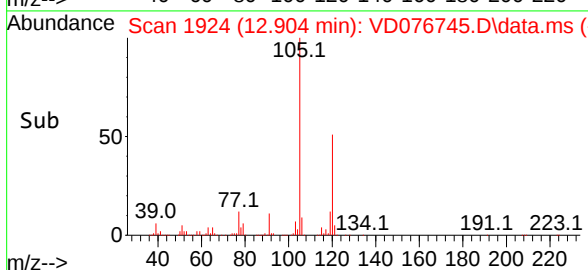
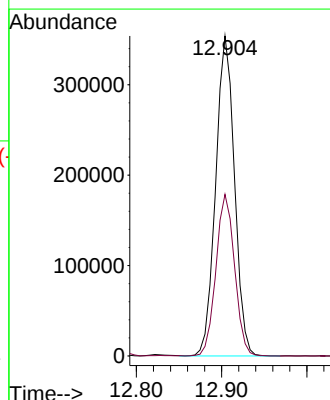
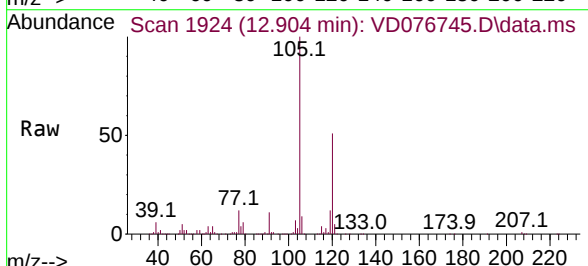
Manual Integrations
APPROVED

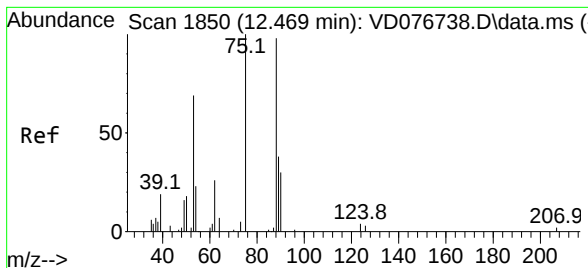
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 57.707 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

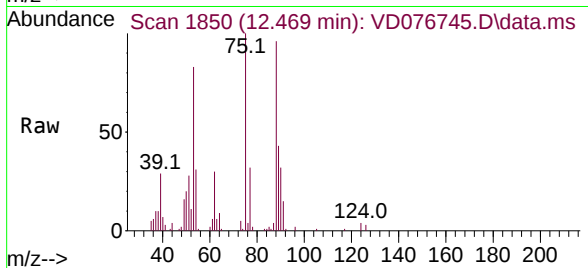
Tgt Ion:105 Resp: 542377
Ion Ratio Lower Upper
105 100
120 50.0 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 55.582 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

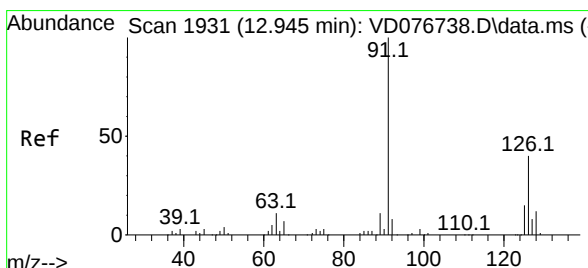
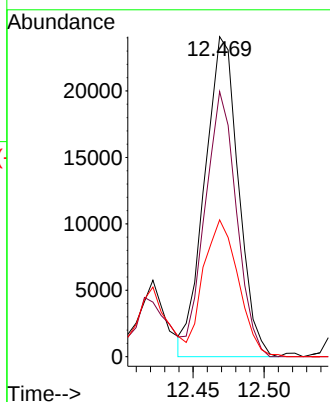
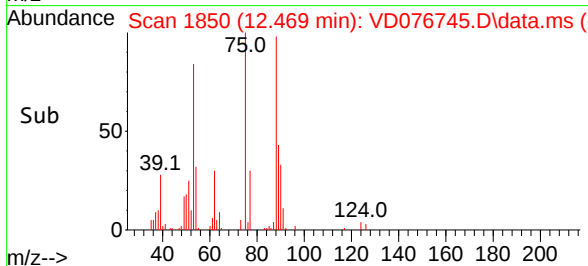
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 39790
Ion Ratio Lower Upper
75 100
53 77.8 63.0 94.4
89 44.1 37.9 56.9

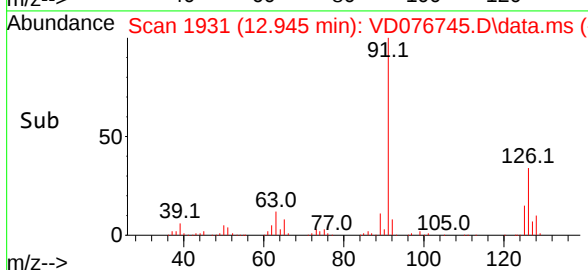
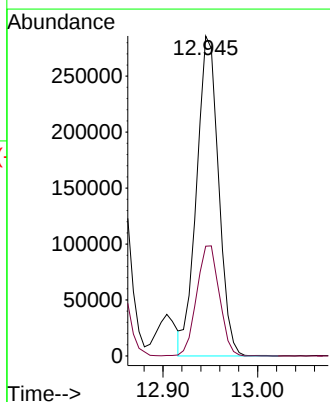
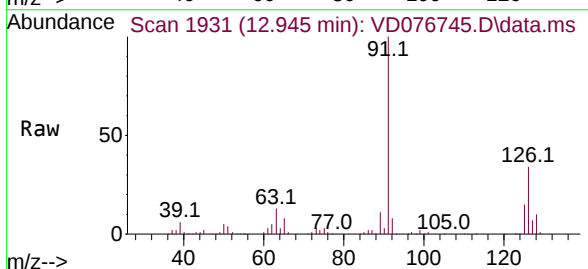
Manual Integrations
APPROVED

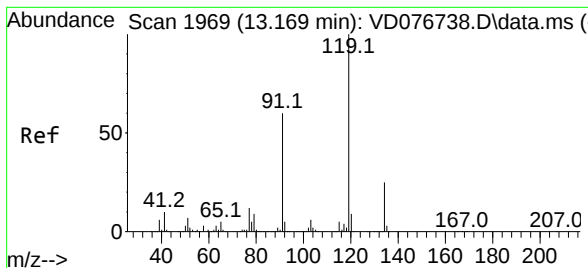
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#82
4-Chlorotoluene
Concen: 57.022 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Tgt Ion: 91 Resp: 460263
Ion Ratio Lower Upper
91 100
126 35.6 19.4 58.4





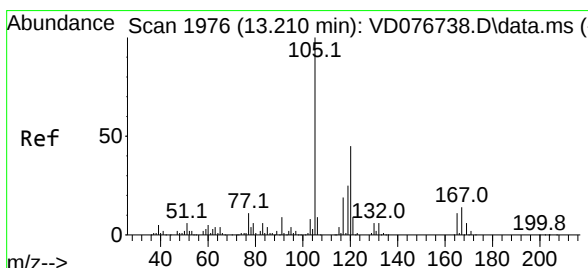
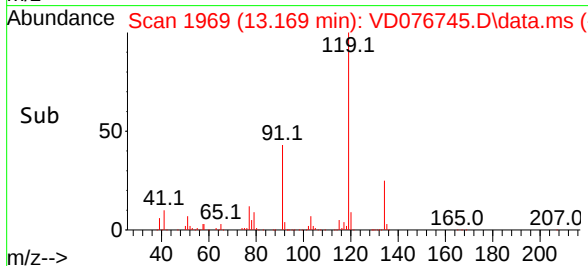
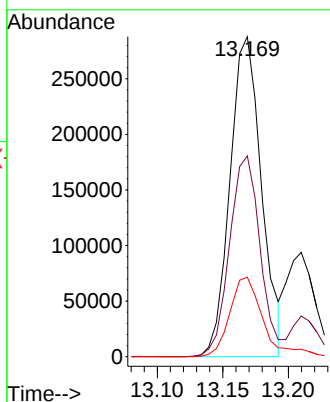
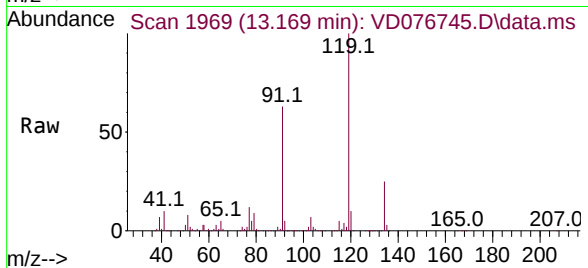
#83
tert-Butylbenzene
Concen: 58.176 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 481435
Ion Ratio Lower Upper
119 100
91 60.6 29.3 87.8
134 26.3 14.1 42.3

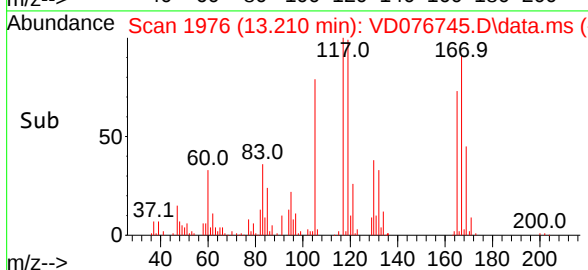
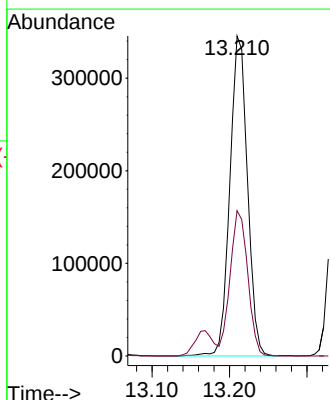
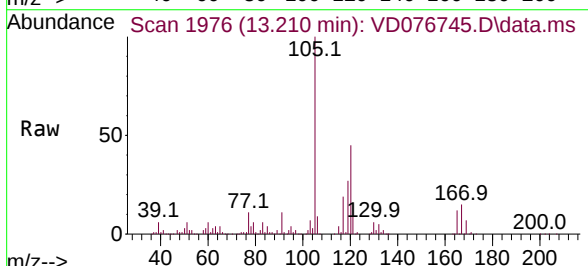
Manual Integrations
APPROVED

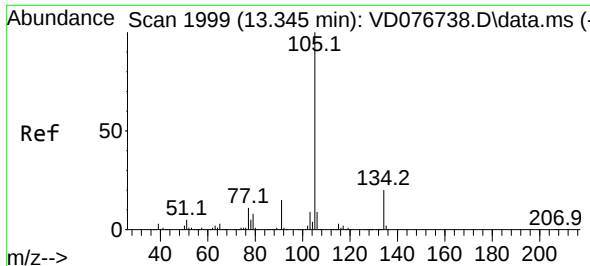
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 56.691 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Tgt Ion:105 Resp: 544496
Ion Ratio Lower Upper
105 100
120 45.3 24.3 72.9





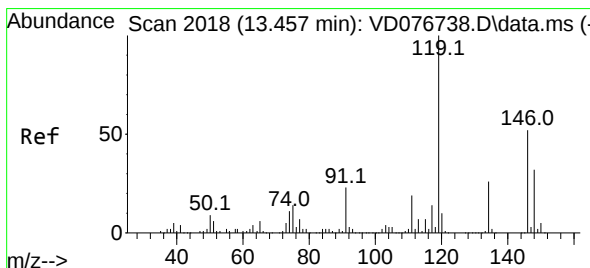
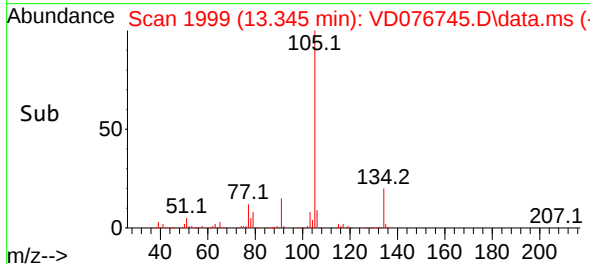
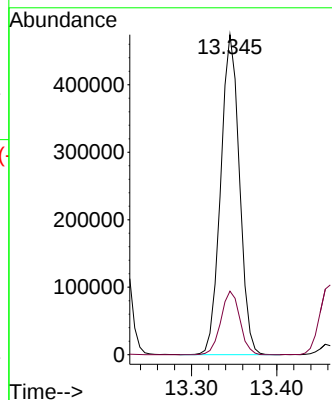
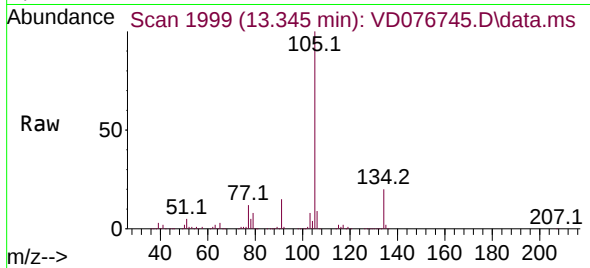
#85
sec-Butylbenzene
Concen: 57.382 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 725510
Ion Ratio Lower Upper
105 100
134 20.1 10.9 32.9

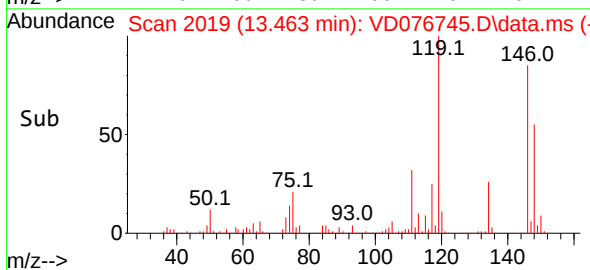
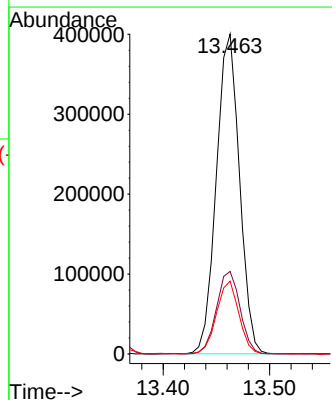
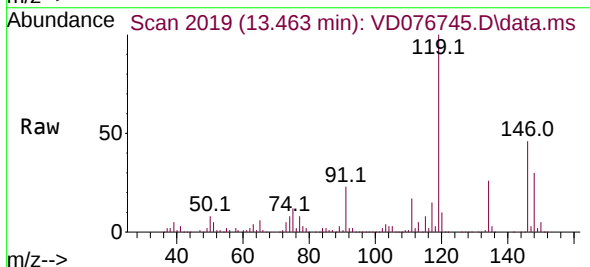
Manual Integrations
APPROVED

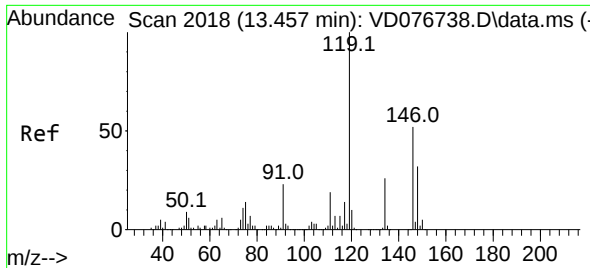
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#86
p-Isopropyltoluene
Concen: 57.678 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Tgt Ion:119 Resp: 602270
Ion Ratio Lower Upper
119 100
134 26.4 14.2 42.6
91 22.2 10.5 31.5





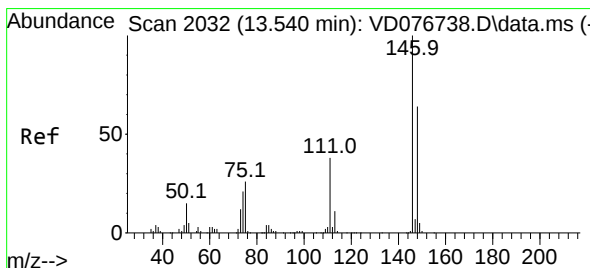
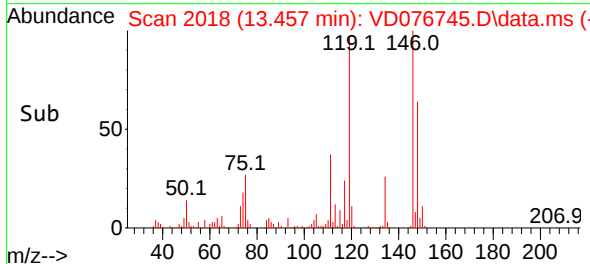
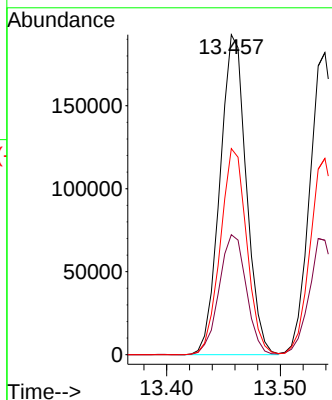
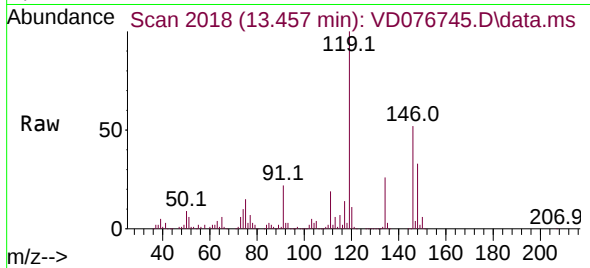
#87
1,3-Dichlorobenzene
Concen: 56.231 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 31031
Ion Ratio Lower Upper
146 100
111 38.7 17.9 53.8
148 64.5 32.3 96.8

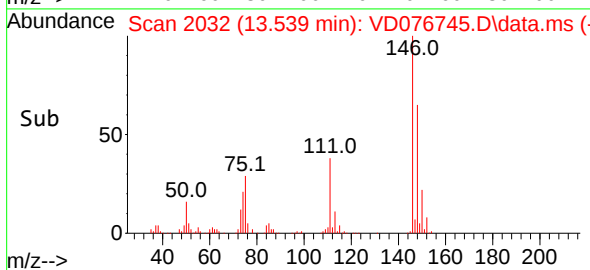
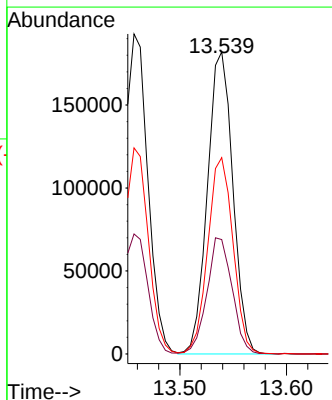
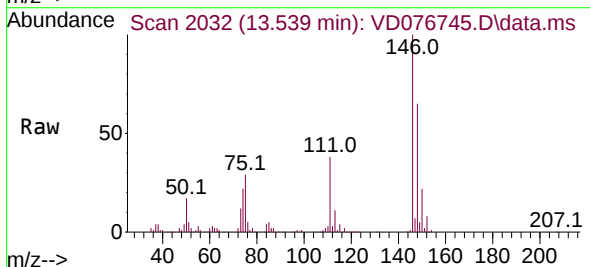
Manual Integrations
APPROVED

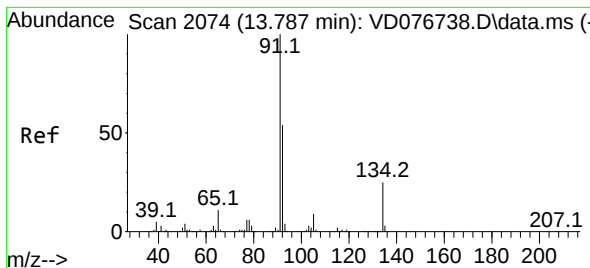
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#88
1,4-Dichlorobenzene
Concen: 55.837 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.001 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Tgt Ion:146 Resp: 301895
Ion Ratio Lower Upper
146 100
111 38.1 17.4 52.3
148 64.6 31.7 95.1





#89

n-Butylbenzene

Concen: 56.063 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.001 min

Lab File: VD076745.D

Acq: 17 Jul 2023 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

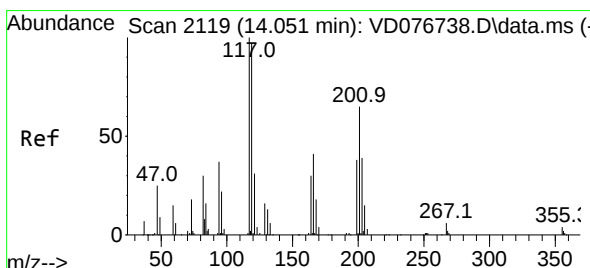
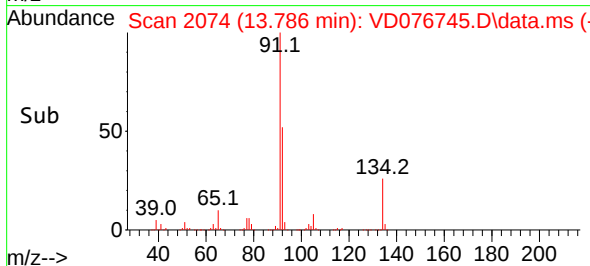
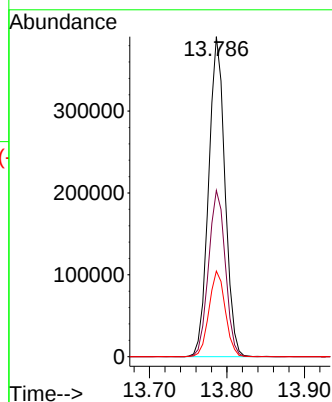
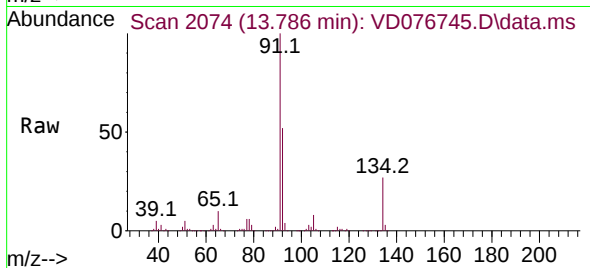
Tgt Ion:	91	Resp:	572839
Ion Ratio	Lower	Upper	
91	100		
92	53.3	26.5	79.5
134	26.7	13.8	41.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#90

Hexachloroethane

Concen: 58.927 ug/l

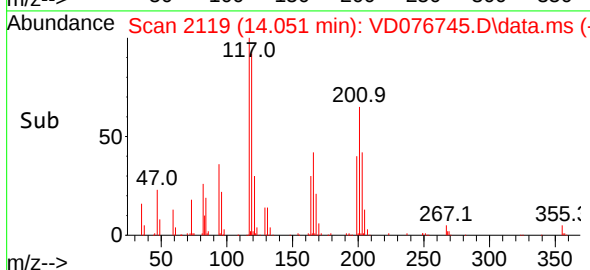
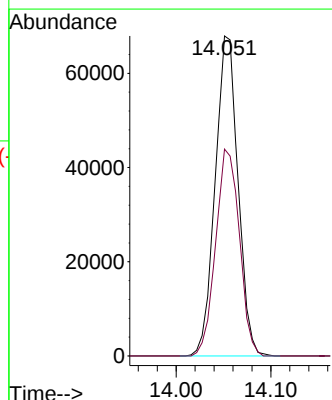
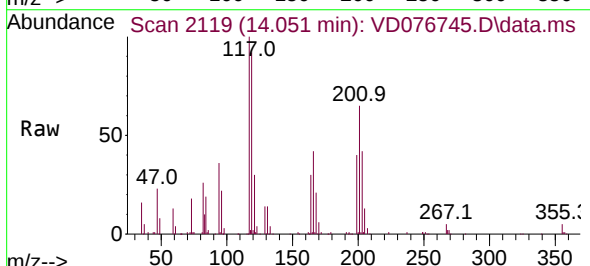
RT: 14.051 min Scan# 2119

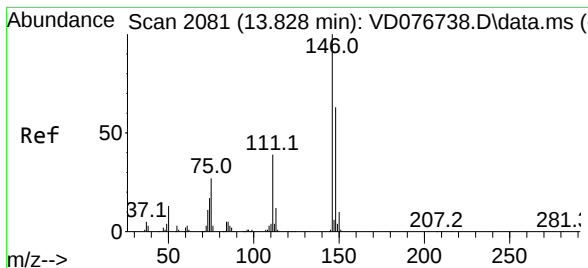
Delta R.T. -0.000 min

Lab File: VD076745.D

Acq: 17 Jul 2023 10:19

Tgt Ion:	117	Resp:	113757
Ion Ratio	Lower	Upper	
117	100		
201	67.2	38.5	115.5





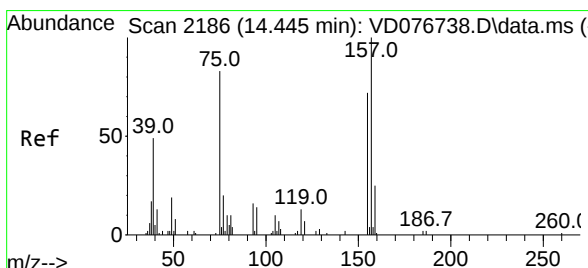
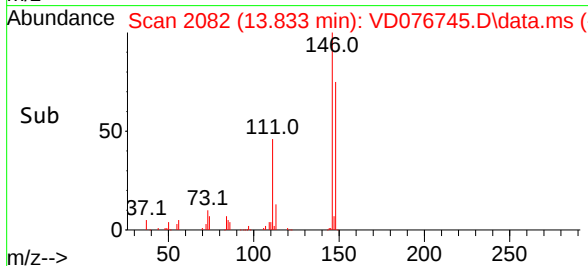
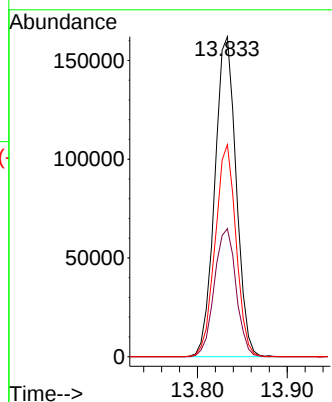
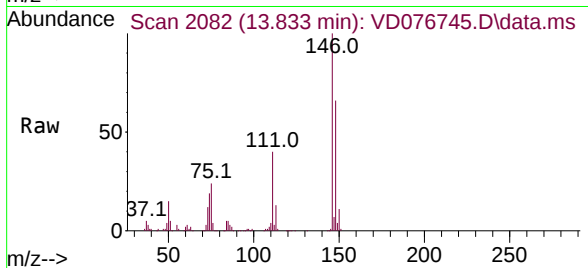
#91
1,2-Dichlorobenzene
Concen: 55.092 ug/l
RT: 13.833 min Scan# 2081
Delta R.T. 0.005 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 26789
Ion Ratio Lower Upper
146 100
111 40.7 18.3 54.8
148 64.6 31.6 94.7

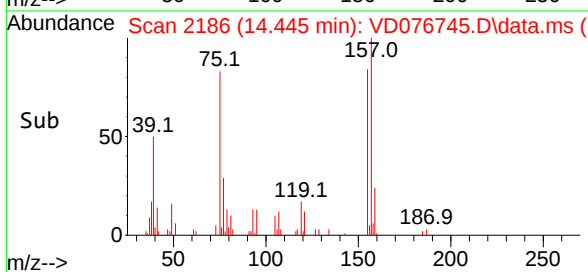
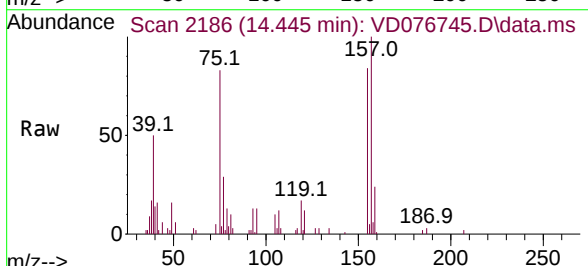
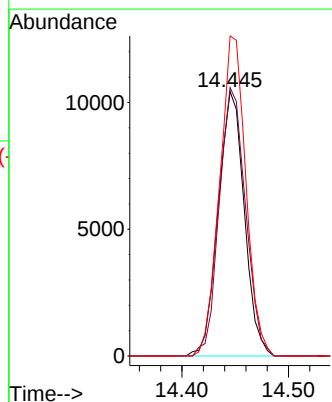
Manual Integrations
APPROVED

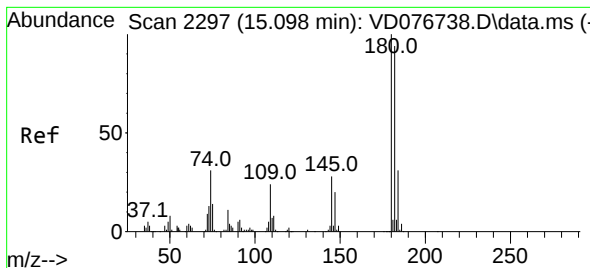
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.761 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Tgt Ion: 75 Resp: 17707
Ion Ratio Lower Upper
75 100
155 102.4 47.9 143.8
157 121.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 56.692 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD076745.D

Acq: 17 Jul 2023 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 168304

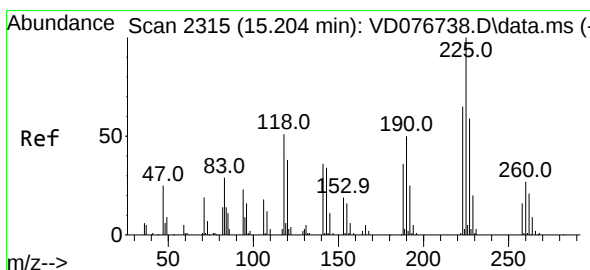
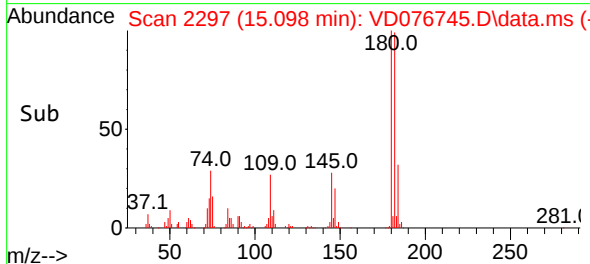
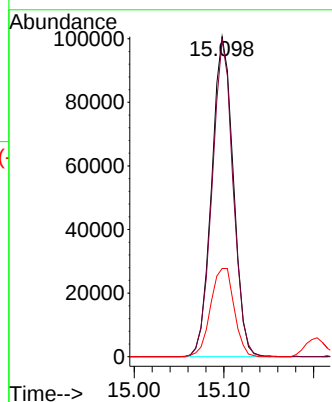
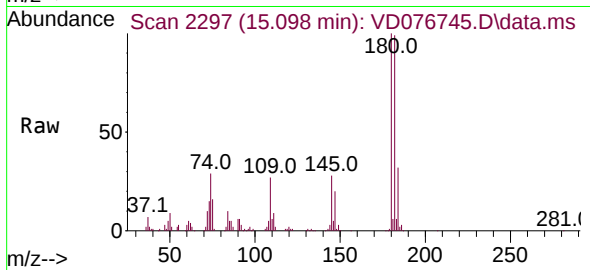
Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.5	145.6
145	30.0	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#94

Hexachlorobutadiene

Concen: 56.174 ug/l

RT: 15.204 min Scan# 2315

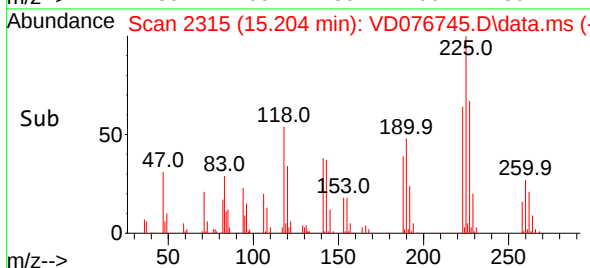
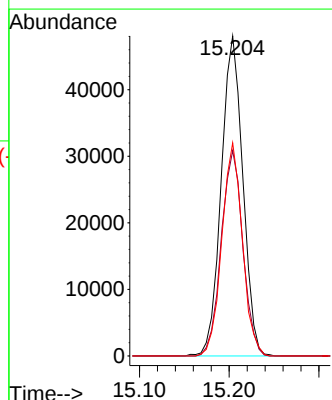
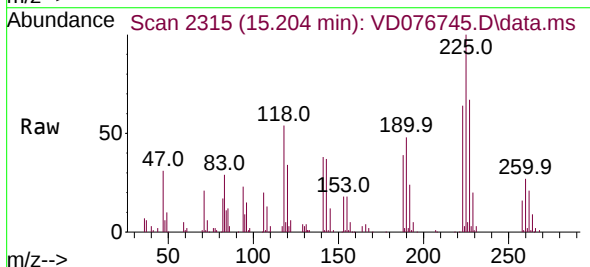
Delta R.T. -0.000 min

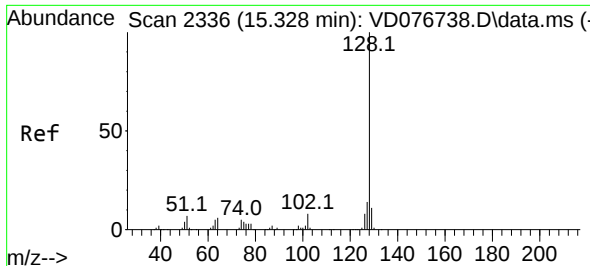
Lab File: VD076745.D

Acq: 17 Jul 2023 10:19

Tgt Ion:225 Resp: 80204

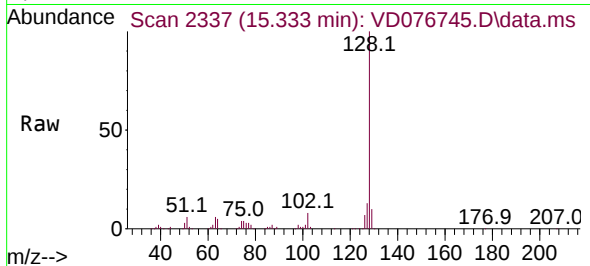
Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.6	94.8
227	63.3	31.7	95.1





#95
Naphthalene
Concen: 54.448 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.005 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

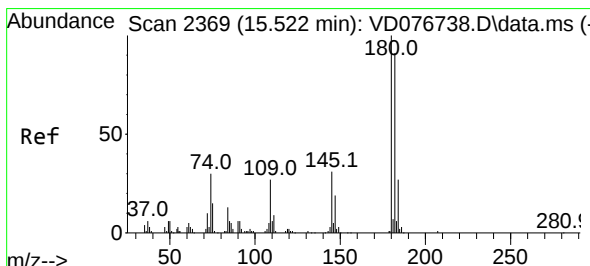
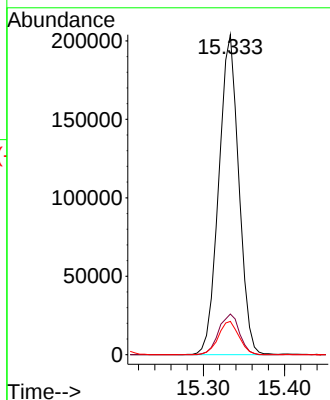
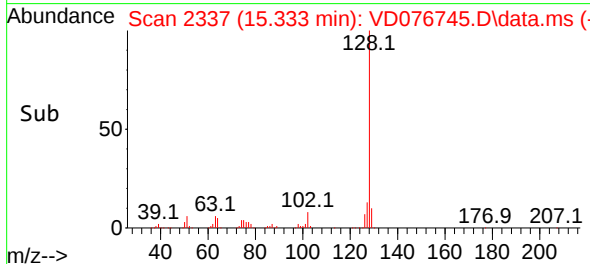
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 34999
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 56.161 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. -0.001 min
Lab File: VD076745.D
Acq: 17 Jul 2023 10:19

Tgt Ion:180 Resp: 149618
Ion Ratio Lower Upper
180 100
182 96.1 47.3 141.9
145 33.2 15.1 45.3

