

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051324\
 Data File : VD078910.D
 Acq On : 13 May 2024 12:39
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 14 06:10:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 05:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	158553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	253054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	244557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	131832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	219116	147.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 294.660%#	
35) Dibromofluoromethane	7.804	113	255714	151.804	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 303.600%#	
50) Toluene-d8	10.269	98	1017966	161.200	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 322.400%#	
62) 4-Bromofluorobenzene	12.569	95	294802	166.177	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 332.360%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	195938	132.254	ug/l	97
3) Chloromethane	2.146	50	283438	148.510	ug/l	99
4) Vinyl Chloride	2.281	62	465560	149.333	ug/l	100
5) Bromomethane	2.669	94	461789	152.163	ug/l	97
6) Chloroethane	2.828	64	394515	139.112	ug/l	95
7) Trichlorofluoromethane	3.169	101	451534	145.414	ug/l	98
8) Diethyl Ether	3.593	74	112951	148.736	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.963	101	229918	140.219	ug/l	99
10) Methyl Iodide	4.163	142	312593	159.568	ug/l	100
11) Tert butyl alcohol	5.052	59	51099	743.376	ug/l #	80
12) 1,1-Dichloroethene	3.940	96	237247	147.812	ug/l	95
13) Acrolein	3.793	56	109260	737.996	ug/l	99
14) Allyl chloride	4.563	41	235063	150.087	ug/l	97
15) Acrylonitrile	5.252	53	218136	758.795	ug/l	98
16) Acetone	4.016	43	183115	772.208	ug/l	97
17) Carbon Disulfide	4.269	76	679712	149.161	ug/l	98
18) Methyl Acetate	4.558	43	75494	138.267	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	497889	159.200	ug/l	95
20) Methylene Chloride	4.793	84	259808	149.322	ug/l	95
21) trans-1,2-Dichloroethene	5.310	96	261997	146.450	ug/l	98
22) Diisopropyl ether	6.216	45	527216	148.832	ug/l	97
23) Vinyl Acetate	6.157	43	1691659	796.199	ug/l	99
24) 1,1-Dichloroethane	6.110	63	392448	139.753	ug/l	98
25) 2-Butanone	7.081	43	250558	790.015	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	346302	140.329	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	314549	149.733	ug/l	99
28) Bromochloromethane	7.422	49	141038	150.601	ug/l	94
29) Tetrahydrofuran	7.440	42	143048	779.794	ug/l	97
30) Chloroform	7.593	83	439062	138.043	ug/l	98
31) Cyclohexane	7.875	56	292388	134.566	ug/l	97
32) 1,1,1-Trichloroethane	7.799	97	386211	141.790	ug/l	99
36) 1,1-Dichloropropene	8.010	75	308179	147.019	ug/l	98
37) Ethyl Acetate	7.163	43	106167	148.615	ug/l	100
38) Carbon Tetrachloride	7.993	117	359754	146.652	ug/l	95
39) Methylcyclohexane	9.275	83	410849	161.310	ug/l	94
40) Benzene	8.251	78	1004915	148.220	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	64942	168.946	ug/l	89
42) 1,2-Dichloroethane	8.322	62	233258	142.138	ug/l	97
43) Isopropyl Acetate	8.357	43	201318	158.823	ug/l	99
44) Trichloroethene	9.028	130	266153	148.001	ug/l	96
45) 1,2-Dichloropropane	9.304	63	212268	142.473	ug/l	99
46) Dibromomethane	9.393	93	142527	145.317	ug/l	99
47) Bromodichloromethane	9.581	83	346053	146.573	ug/l	98
48) Methyl methacrylate	9.381	41	97418	157.874	ug/l	96
49) 1,4-Dioxane	9.381	88	30295	3511.438	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	531806	787.685	ug/l	96
52) Toluene	10.334	92	690423	159.087	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	314462	156.743	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	371991	154.481	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	184165	145.338	ug/l	95
56) Ethyl methacrylate	10.598	69	223414	171.369	ug/l	97
57) 1,3-Dichloropropane	10.881	76	295949	149.990	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	460993	822.964	ug/l	98
59) 2-Hexanone	10.922	43	391401	832.882	ug/l	94
60) Dibromochloromethane	11.075	129	265120	153.480	ug/l	98
61) 1,2-Dibromoethane	11.181	107	177738	153.838	ug/l	96
64) Tetrachloroethene	10.810	164	229837	148.132	ug/l	98
65) Chlorobenzene	11.604	112	774984	152.348	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	275498	156.658	ug/l	99
67) Ethyl Benzene	11.681	91	1354389	165.530	ug/l	99
68) m/p-Xylenes	11.792	106	1120920	336.963	ug/l	98
69) o-Xylene	12.122	106	527429	173.915	ug/l	97
70) Styrene	12.134	104	915068	170.250	ug/l	99
71) Bromoform	12.298	173	152053	150.938	ug/l #	98
73) Isopropylbenzene	12.422	105	1293789	164.427	ug/l	100
74) N-amyl acetate	12.234	43	199610	156.345	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	201199	141.759	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	254299	271.996	ug/l #	100
77) Bromobenzene	12.698	156	321939	155.591	ug/l	96
78) n-propylbenzene	12.763	91	1504809	158.227	ug/l	99
79) 2-Chlorotoluene	12.845	91	813383	153.877	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	1074549	164.373	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	70293	150.191	ug/l	97
82) 4-Chlorotoluene	12.945	91	850221	153.319	ug/l	98
83) tert-Butylbenzene	13.163	119	943686	163.225	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	1132948	167.314	ug/l	99
85) sec-Butylbenzene	13.345	105	1405192	162.936	ug/l	99
86) p-Isopropyltoluene	13.457	119	1311508	174.546	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	685761	156.618	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	637252	148.612	ug/l	99
89) n-Butylbenzene	13.786	91	1088203	161.625	ug/l	98
90) Hexachloroethane	14.051	117	228962	144.463	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	569165	155.358	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	28332	149.943	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	354283	164.701	ug/l	98
94) Hexachlorobutadiene	15.204	225	175042	155.711	ug/l	95
95) Naphthalene	15.328	128	665867	181.728	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	312389	163.256	ug/l	99

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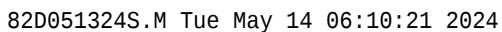
Instrument :
MSVOA_D
ClientSampleId :

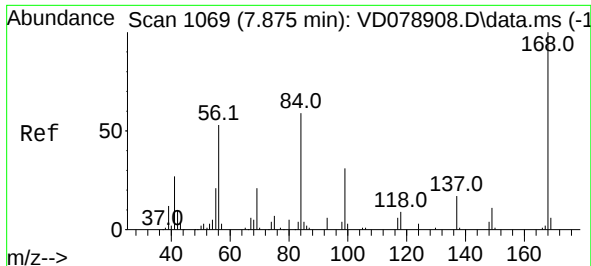
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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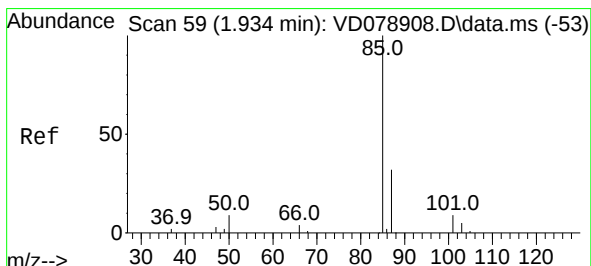
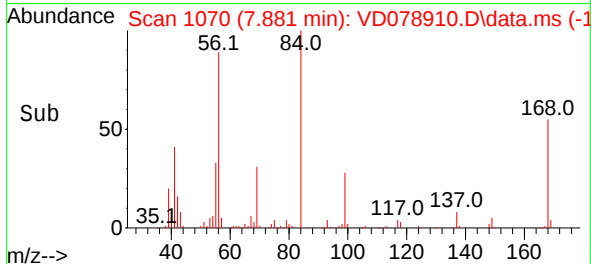
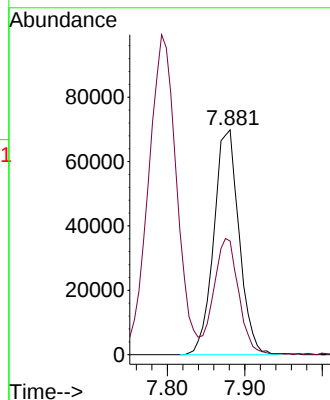
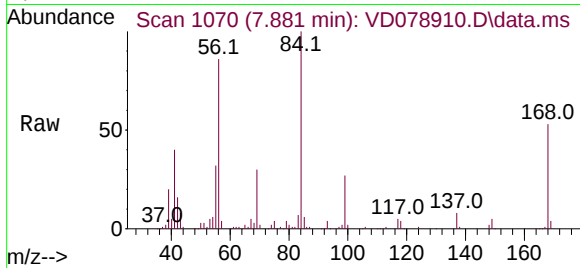




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD078910.D
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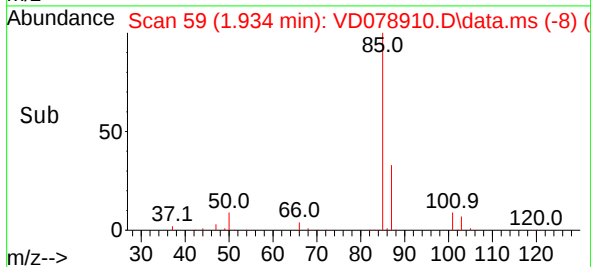
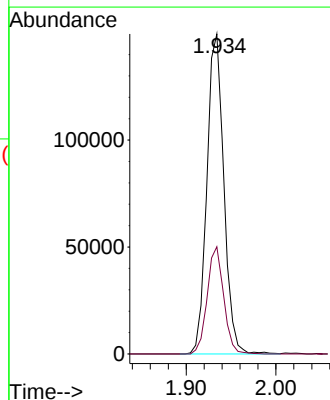
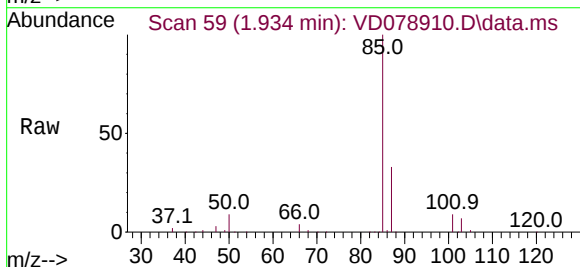
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ClientSampleId :

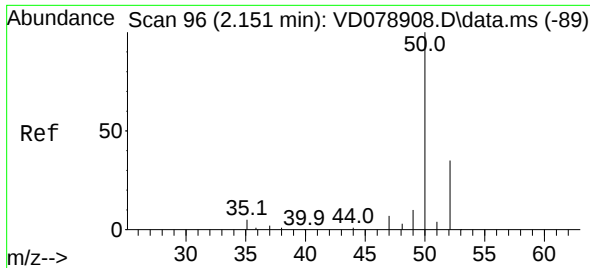
Tgt Ion:168 Resp: 158553
Ion Ratio Lower Upper
168 100
99 50.0 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 132.254 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Tgt Ion: 85 Resp: 195938
Ion Ratio Lower Upper
85 100
87 33.5 16.0 48.0

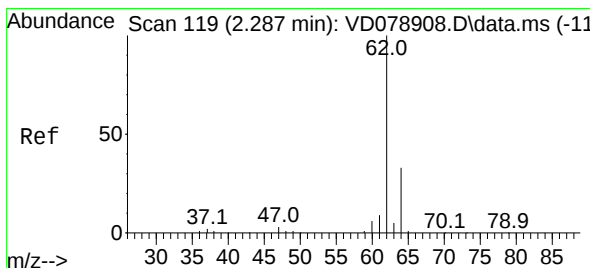
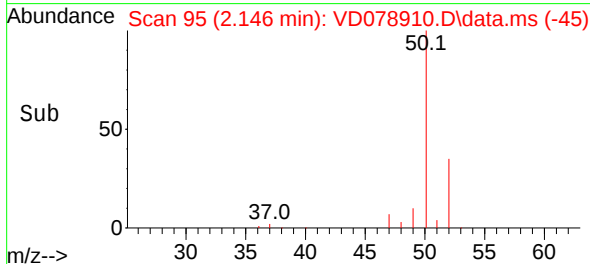
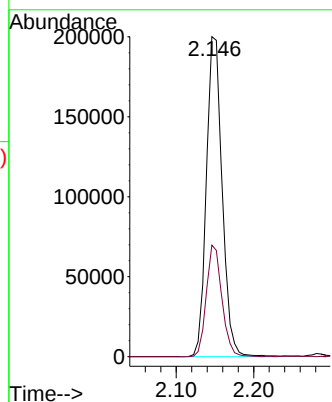
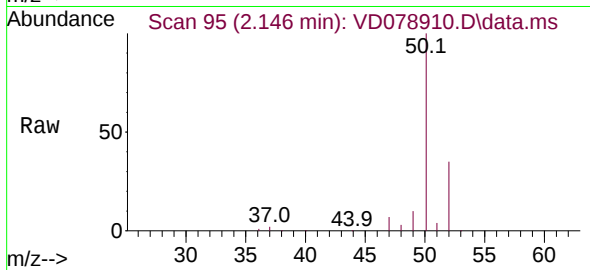




#3
Chloromethane
Concen: 148.510 ug/l
RT: 2.146 min Scan# 96
Delta R.T. -0.005 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

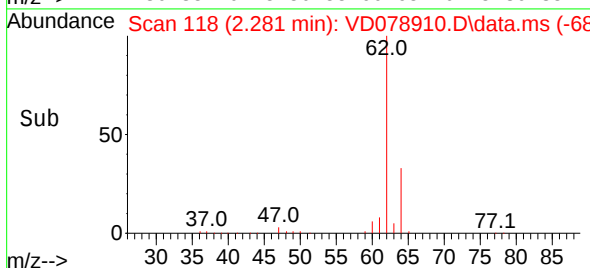
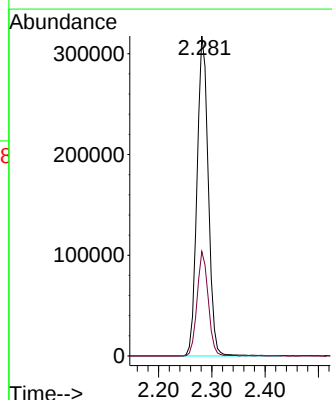
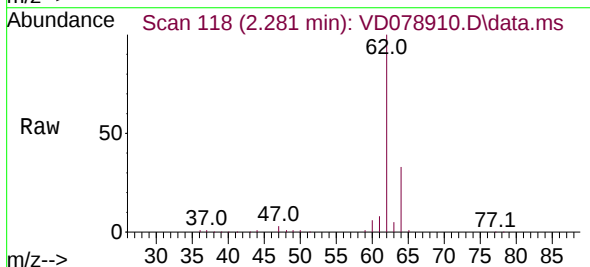
Instrument :
MSVOA_D
ClientSampleId :

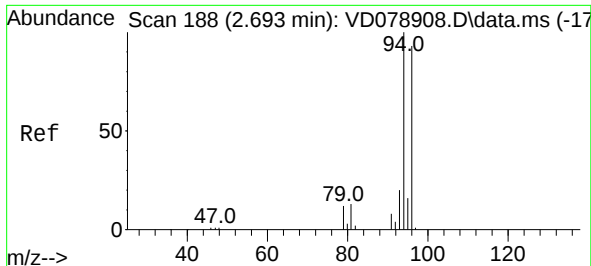
Tgt Ion: 50 Resp: 283438
Ion Ratio Lower Upper
50 100
52 34.8 28.2 42.2



#4
Vinyl Chloride
Concen: 149.333 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Tgt Ion: 62 Resp: 465560
Ion Ratio Lower Upper
62 100
64 32.6 26.3 39.5

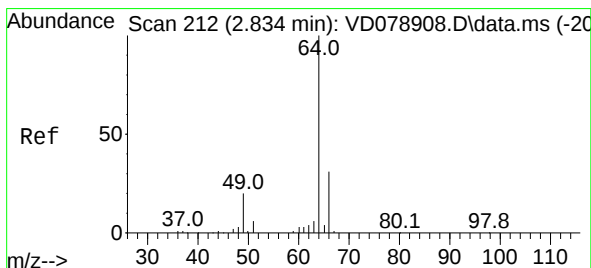
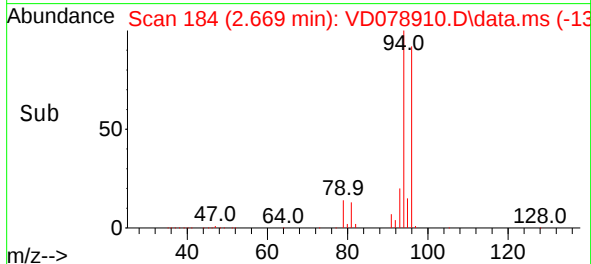
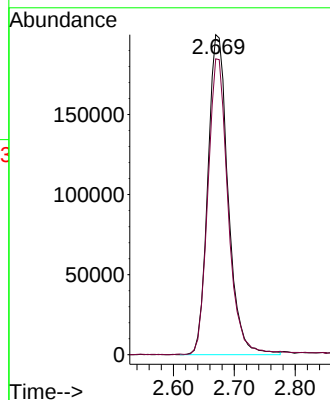
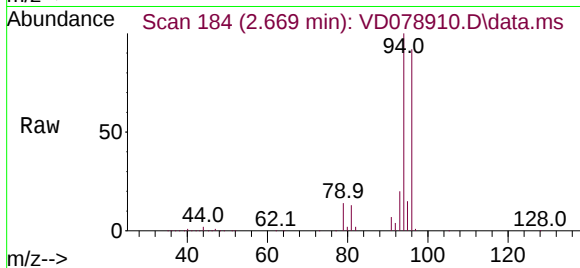




#5
Bromomethane
Concen: 152.163 ug/l
RT: 2.669 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

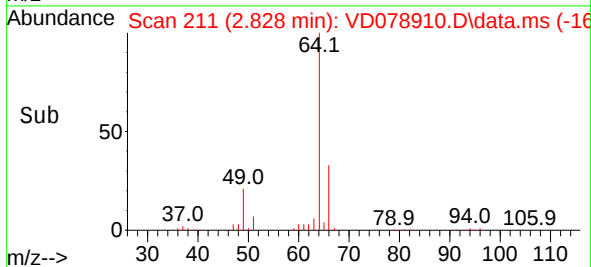
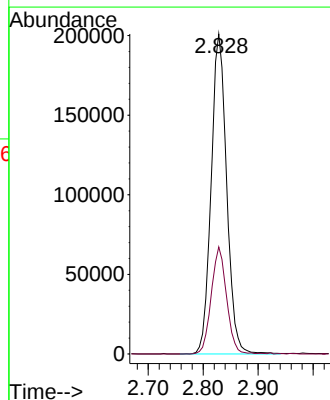
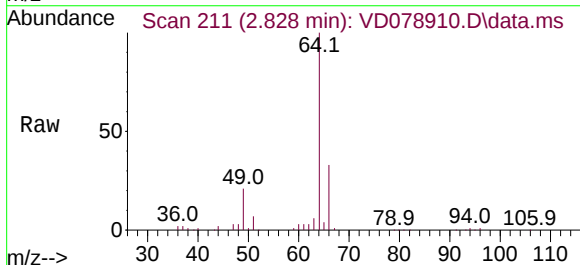
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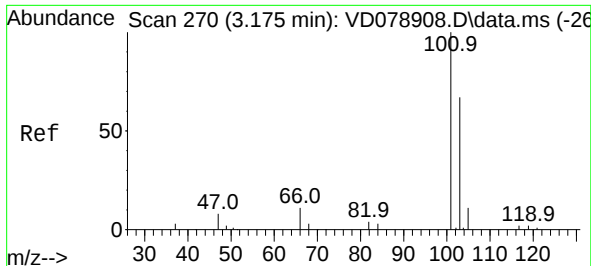
Tgt Ion: 94 Resp: 461789
Ion Ratio Lower Upper
94 100
96 92.9 76.9 115.3



#6
Chloroethane
Concen: 139.112 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Tgt Ion: 64 Resp: 394515
Ion Ratio Lower Upper
64 100
66 33.4 24.5 36.7

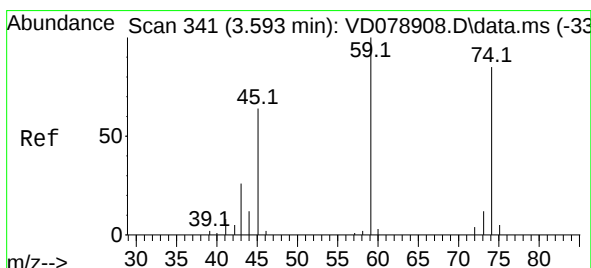
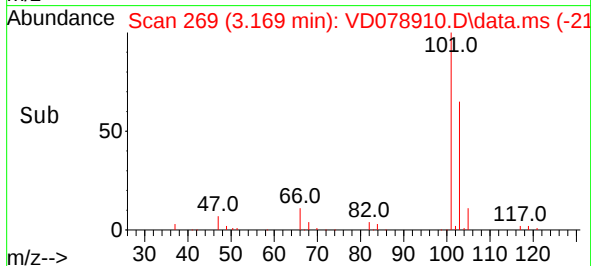
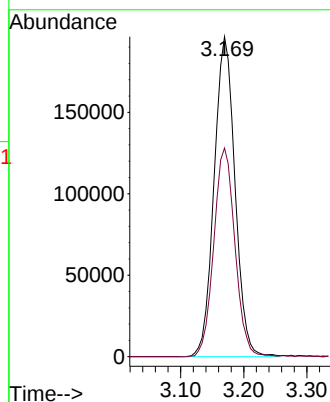
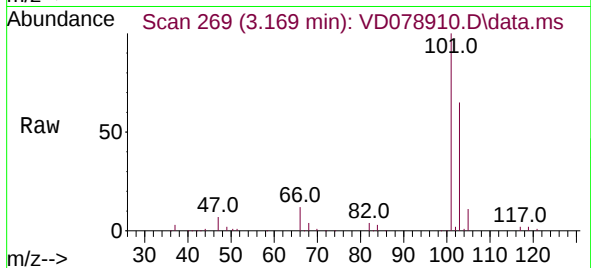




#7
Trichlorofluoromethane
Concen: 145.414 ug/l
RT: 3.169 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

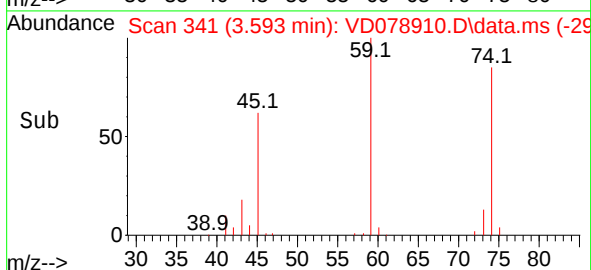
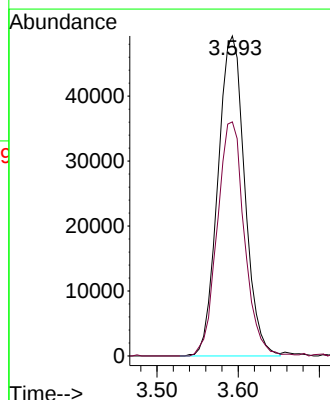
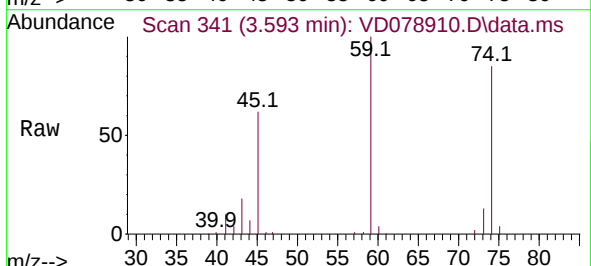
Instrument :
MSVOA_D
ClientSampleId :

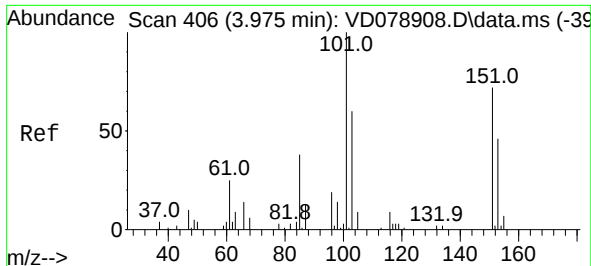
Tgt Ion:101 Resp: 451534
Ion Ratio Lower Upper
101 100
103 65.2 53.2 79.8



#8
Diethyl Ether
Concen: 148.736 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Tgt Ion: 74 Resp: 112951
Ion Ratio Lower Upper
74 100
45 74.2 37.9 113.6

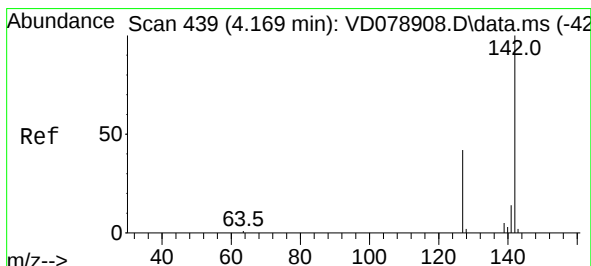
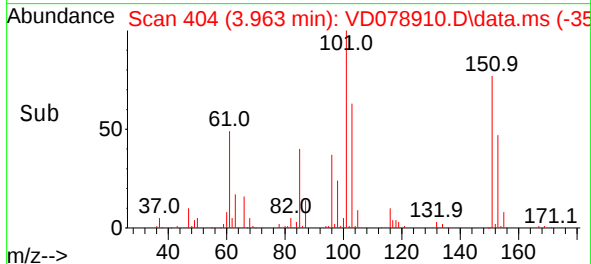
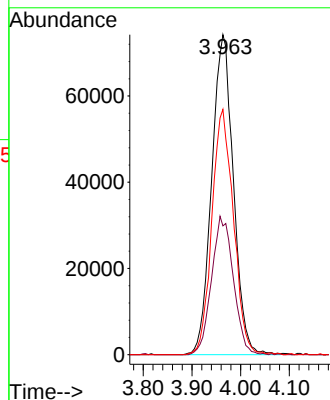
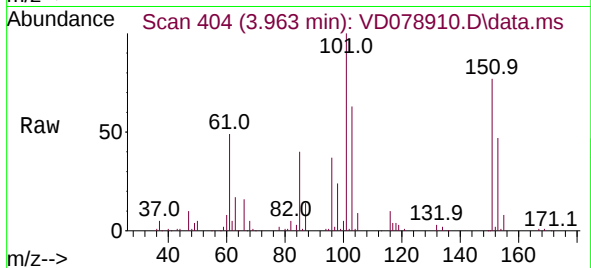




#9
1,1,2-Trichlorotrifluoroethane
Concen: 140.219 ug/l
RT: 3.963 min Scan# 406
Delta R.T. -0.011 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

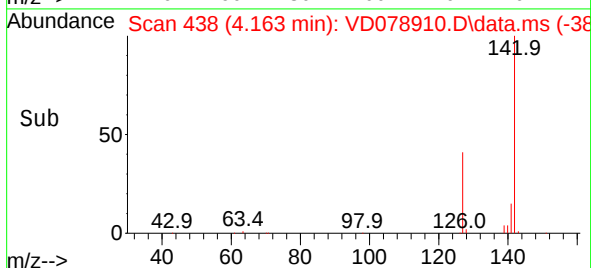
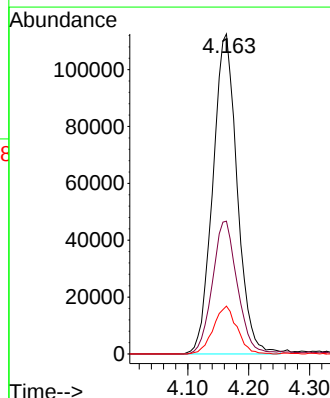
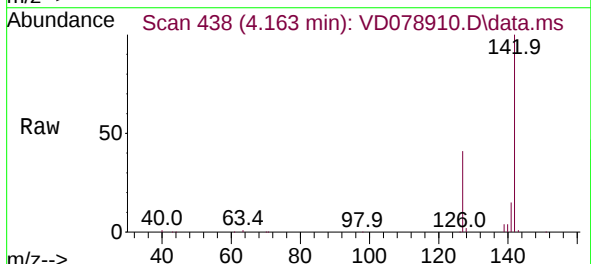
Instrument :
MSVOA_D
ClientSampleId :

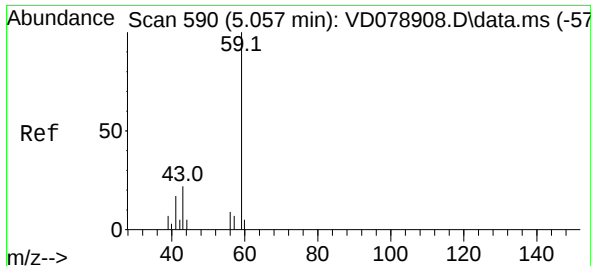
Tgt Ion:101 Resp: 229918
Ion Ratio Lower Upper
101 100
85 43.4 33.5 50.3
151 76.2 60.3 90.5



#10
Methyl Iodide
Concen: 159.568 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Tgt Ion:142 Resp: 312593
Ion Ratio Lower Upper
142 100
127 42.5 34.2 51.4
141 14.6 11.7 17.5





#11

Tert butyl alcohol

Concen: 743.376 ug/l

RT: 5.052 min Scan# 51

Delta R.T. -0.005 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

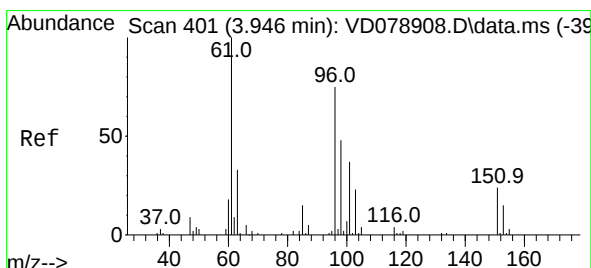
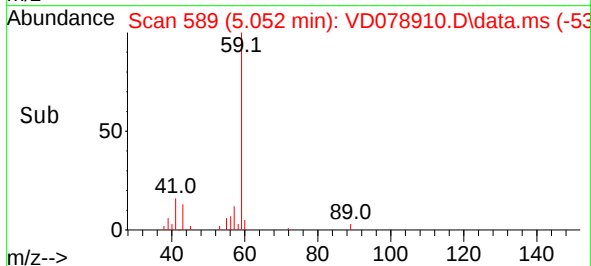
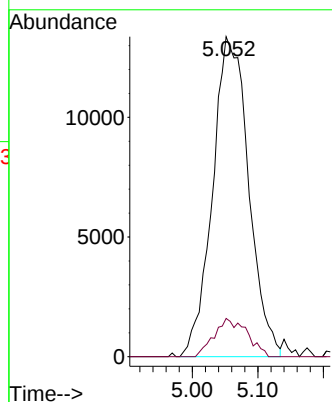
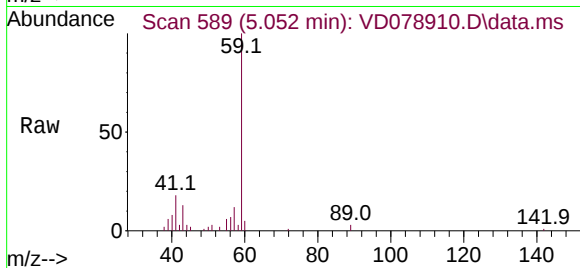
ClientSampleId :

Tgt Ion: 59 Resp: 51099

Ion Ratio Lower Upper

59 100

57 10.9 3.6 5.4#



#12

1,1-Dichloroethene

Concen: 147.812 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.006 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

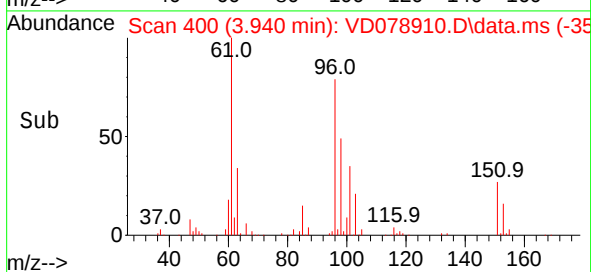
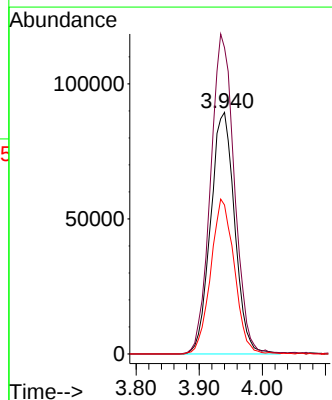
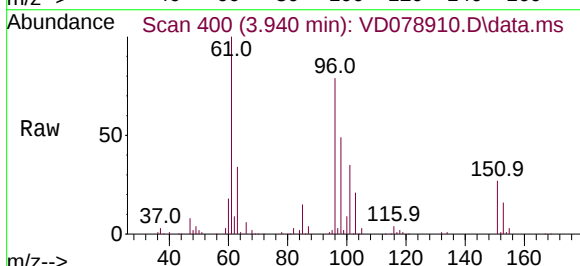
Tgt Ion: 96 Resp: 237247

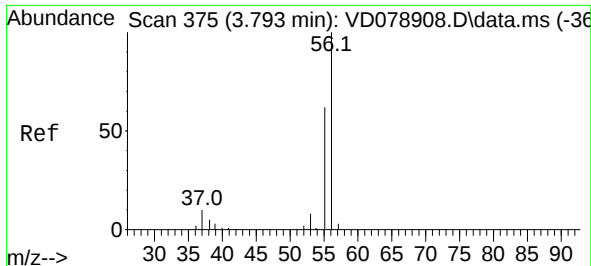
Ion Ratio Lower Upper

96 100

61 126.8 107.3 160.9

98 61.6 51.7 77.5





#13

Acrolein

Concen: 737.996 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

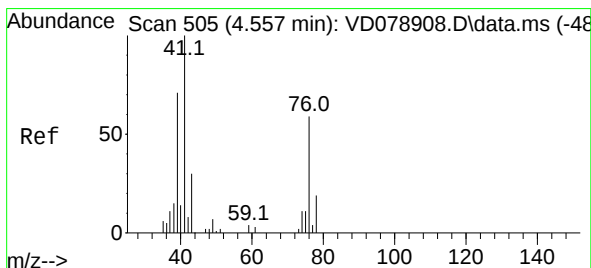
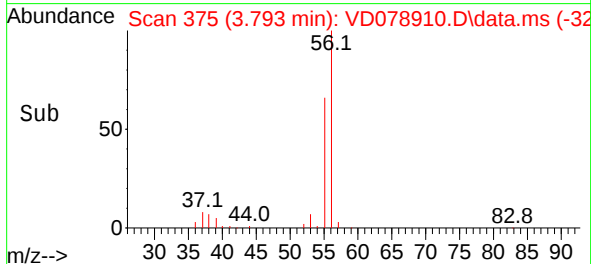
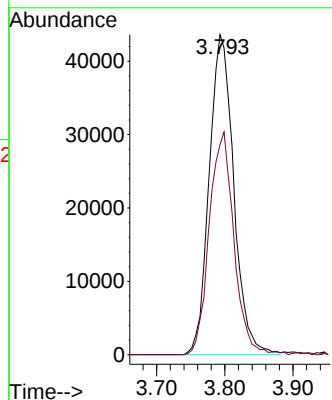
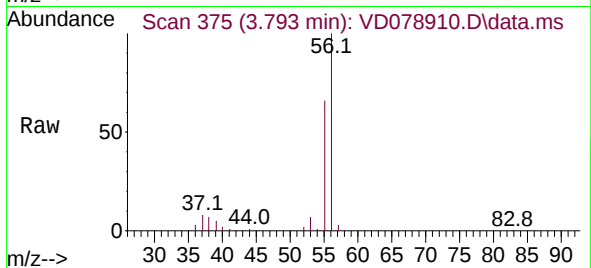
ClientSampleId :

Tgt Ion: 56 Resp: 109260

Ion Ratio Lower Upper

56 100

55 69.8 55.3 82.9



#14

Allyl chloride

Concen: 150.087 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

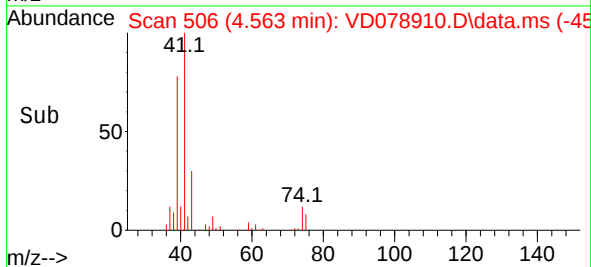
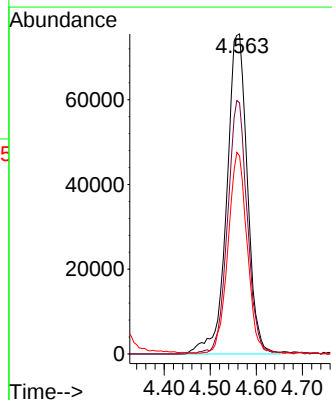
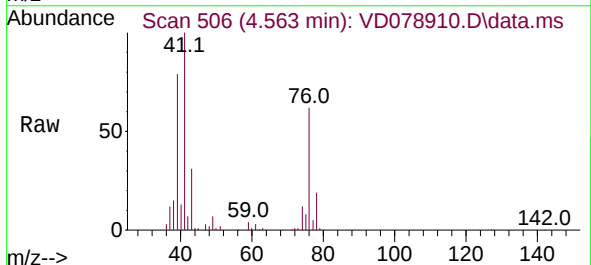
Tgt Ion: 41 Resp: 235063

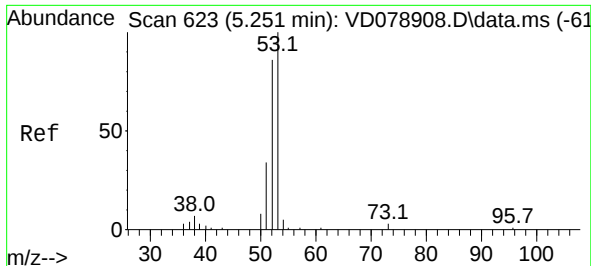
Ion Ratio Lower Upper

41 100

39 75.4 58.0 87.0

76 58.7 45.9 68.9





#15

Acrylonitrile

Concen: 758.795 ug/l

RT: 5.252 min Scan# 61

Delta R.T. 0.000 min

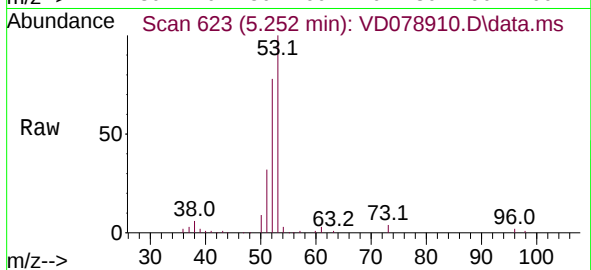
Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

ClientSampleId :



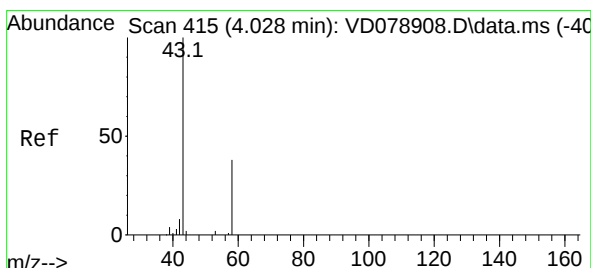
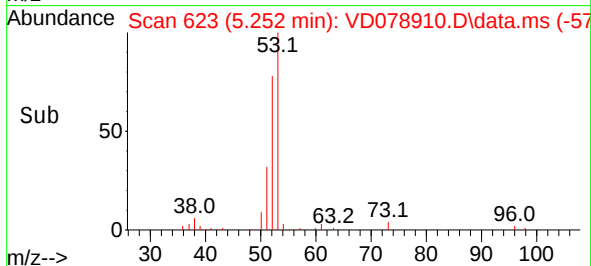
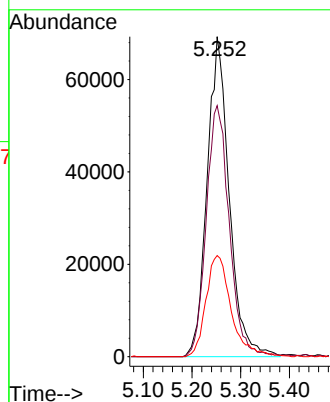
Tgt Ion: 53 Resp: 218136

Ion Ratio Lower Upper

53 100

52 81.8 67.7 101.5

51 36.1 28.6 42.8



#16

Acetone

Concen: 772.208 ug/l

RT: 4.016 min Scan# 413

Delta R.T. -0.011 min

Lab File: VD078910.D

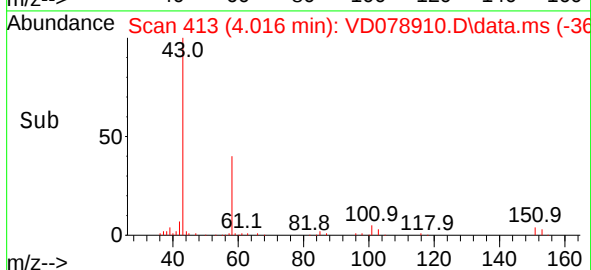
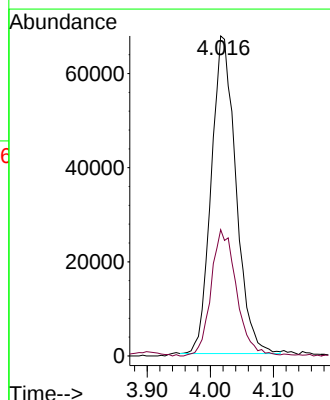
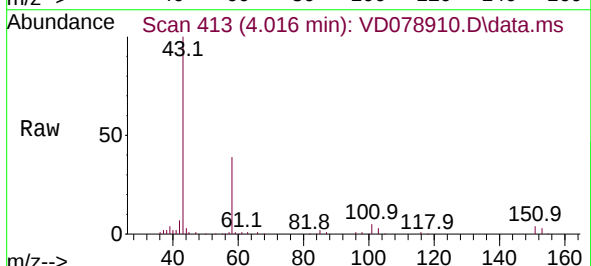
Acq: 13 May 2024 12:39

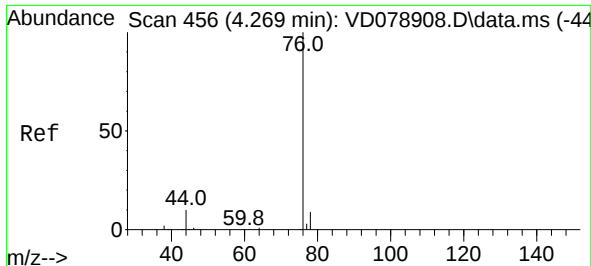
Tgt Ion: 43 Resp: 183115

Ion Ratio Lower Upper

43 100

58 39.8 30.4 45.6

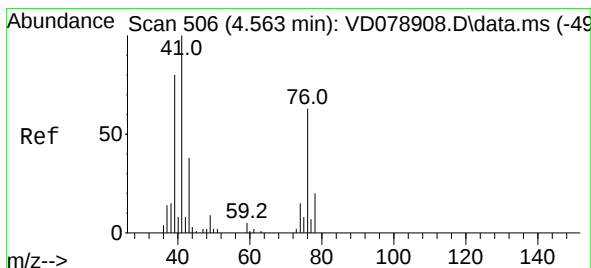
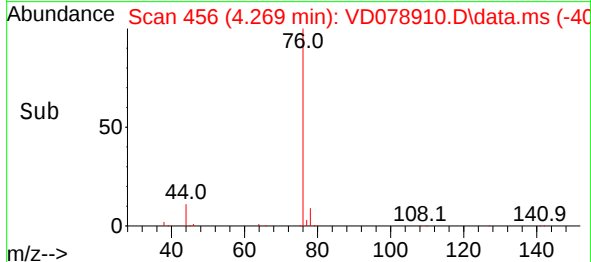
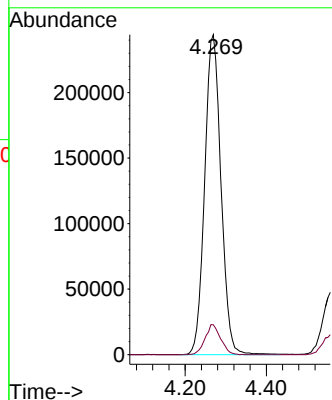
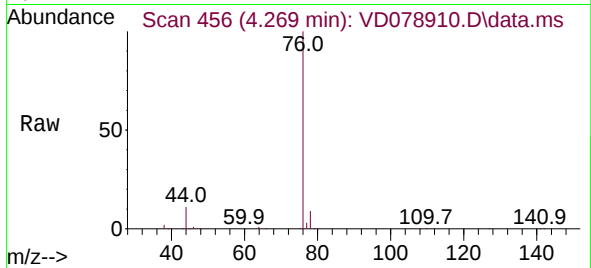




#17
Carbon Disulfide
Concen: 149.161 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

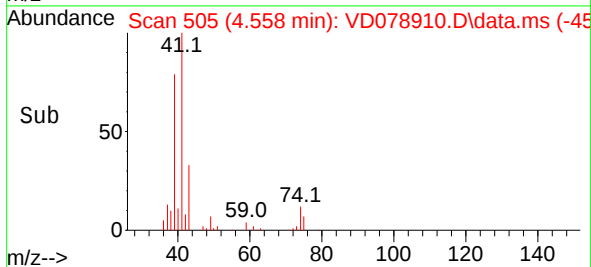
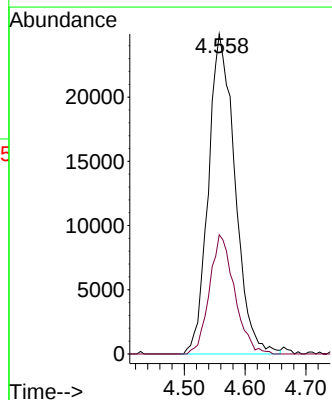
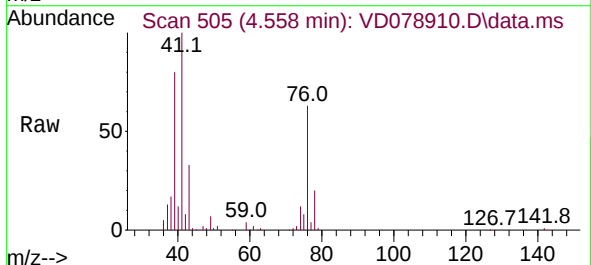
Instrument :
MSVOA_D
ClientSampleId :

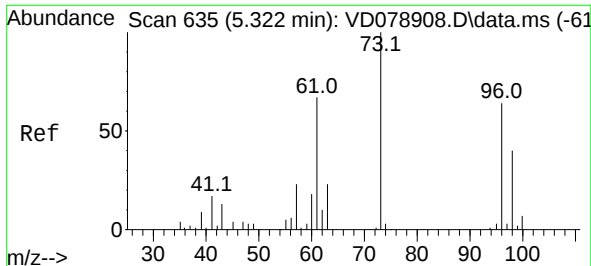
Tgt Ion: 76 Resp: 679712
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3



#18
Methyl Acetate
Concen: 138.267 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Tgt Ion: 43 Resp: 75494
Ion Ratio Lower Upper
43 100
74 35.1 28.1 42.1

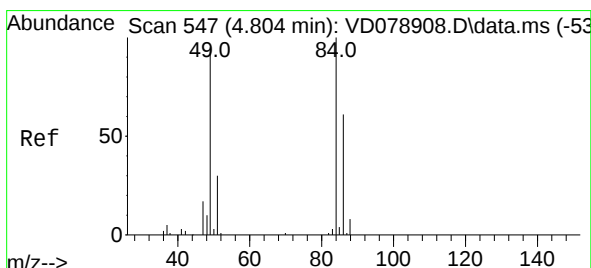
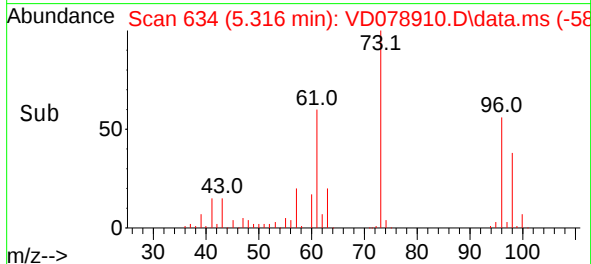
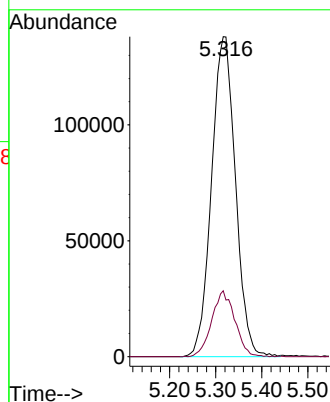
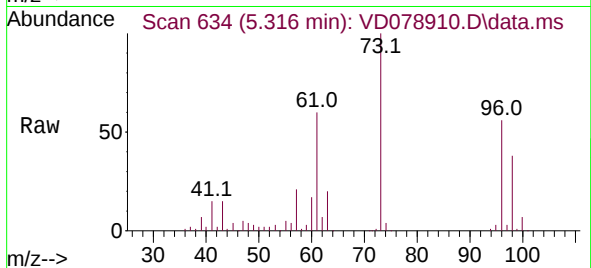




#19
Methyl tert-butyl Ether
Concen: 159.200 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

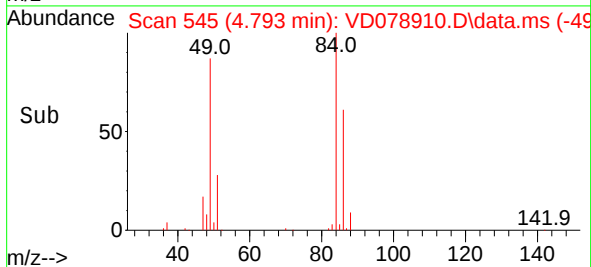
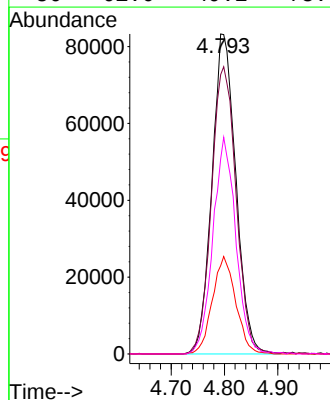
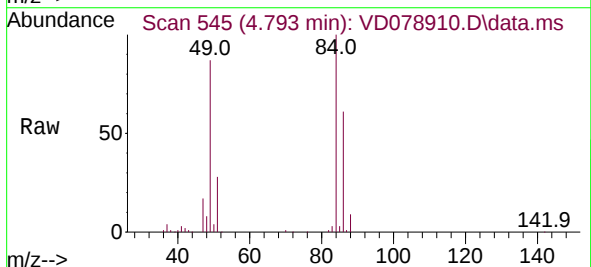
Instrument :
MSVOA_D
ClientSampleId :

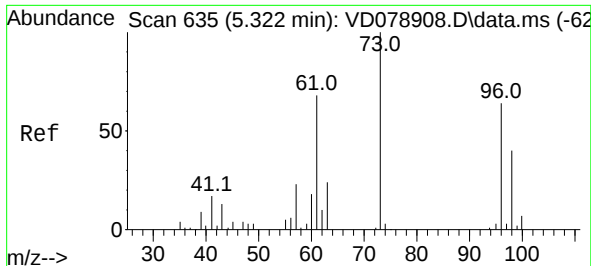
Tgt Ion: 73 Resp: 497889
Ion Ratio Lower Upper
73 100
57 20.6 18.3 27.5



#20
Methylene Chloride
Concen: 149.322 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.011 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

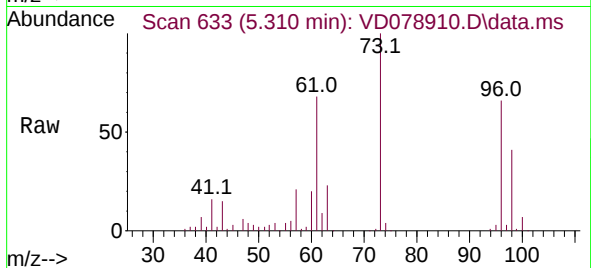
Tgt Ion: 84 Resp: 259808
Ion Ratio Lower Upper
84 100
49 87.3 75.6 113.4
51 27.6 24.2 36.2
86 61.0 49.2 73.8



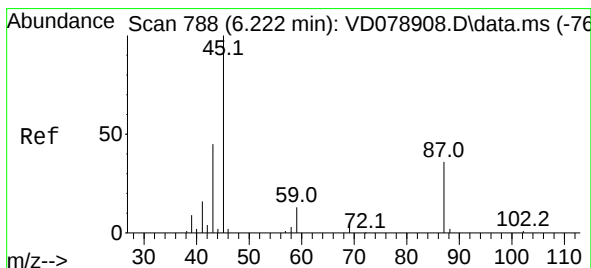
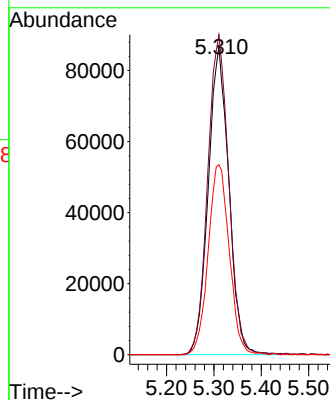
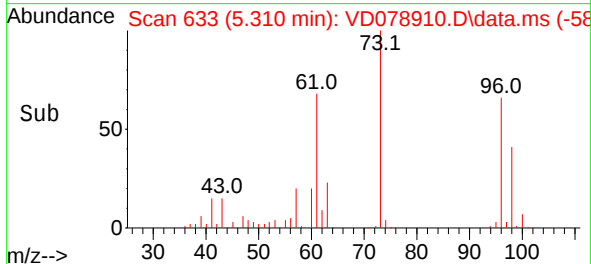


#21
trans-1,2-Dichloroethene
Concen: 146.450 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

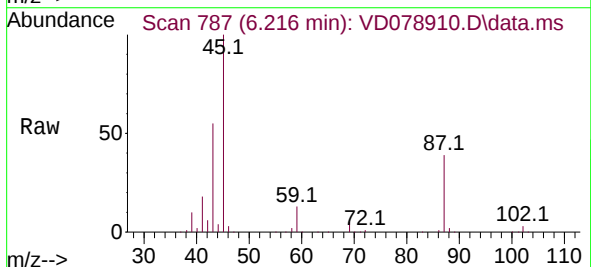
Instrument :
MSVOA_D
ClientSampleId :



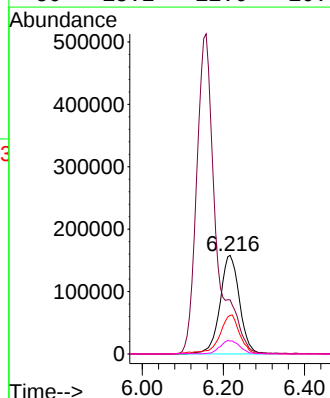
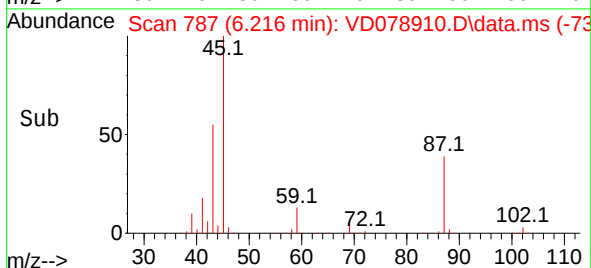
Tgt Ion: 96 Resp: 261997
Ion Ratio Lower Upper
96 100
61 103.8 84.5 126.7
98 61.6 50.5 75.7

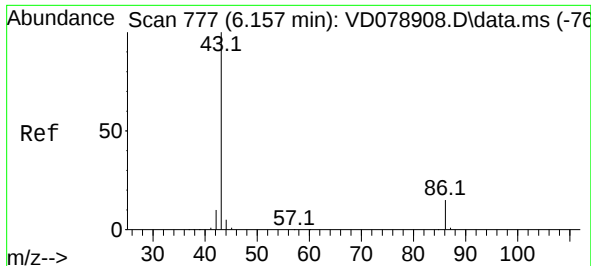


#22
Diisopropyl ether
Concen: 148.832 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39



Tgt Ion: 45 Resp: 527216
Ion Ratio Lower Upper
45 100
43 54.1 41.7 62.5
87 39.2 30.2 45.2
59 13.2 11.0 16.6





#23

Vinyl Acetate

Concen: 796.199 ug/l

RT: 6.157 min Scan# 777

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

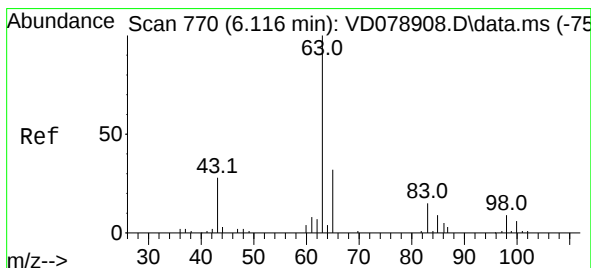
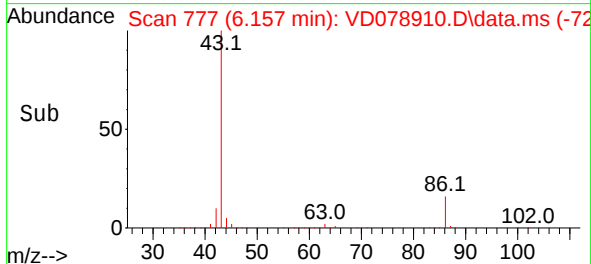
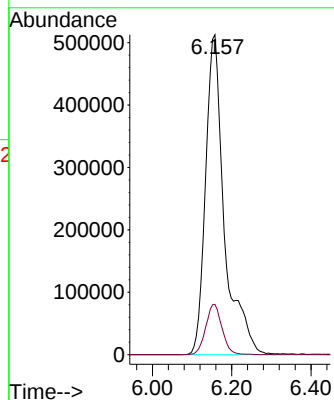
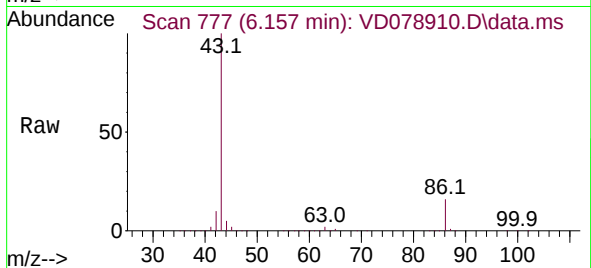
ClientSampleId :

Tgt Ion: 43 Resp: 1691659

Ion Ratio Lower Upper

43 100

86 15.7 12.3 18.5



#24

1,1-Dichloroethane

Concen: 139.753 ug/l

RT: 6.110 min Scan# 769

Delta R.T. -0.006 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

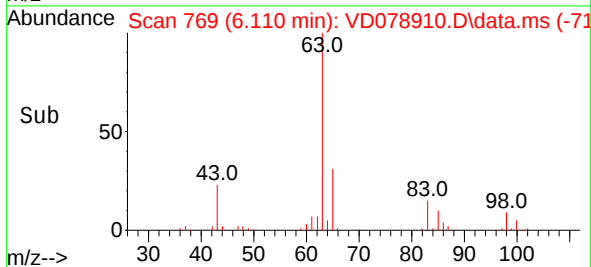
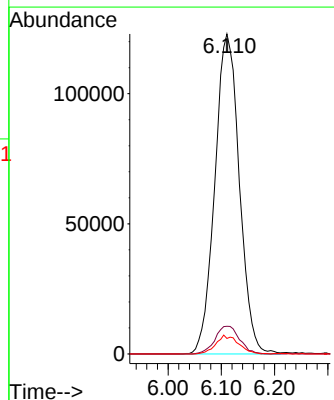
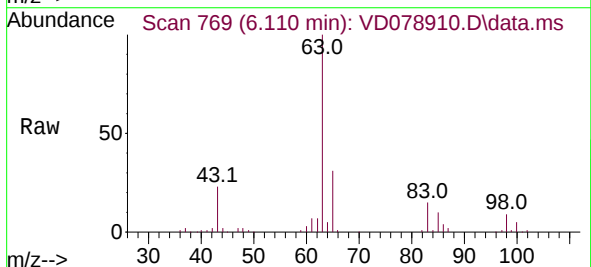
Tgt Ion: 63 Resp: 392448

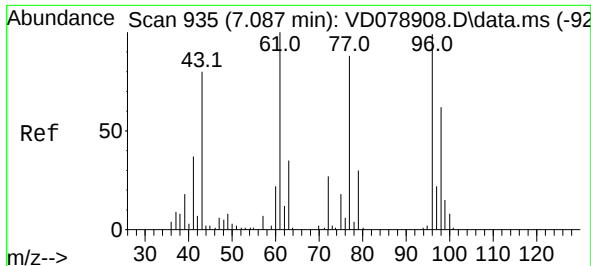
Ion Ratio Lower Upper

63 100

98 8.6 4.7 14.0

100 4.9 2.9 8.6





#25

2-Butanone

Concen: 790.015 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.006 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

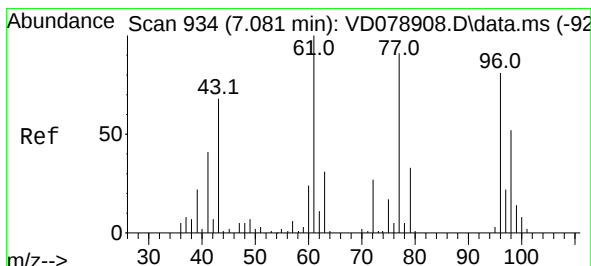
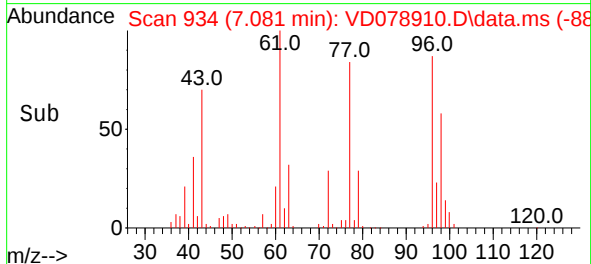
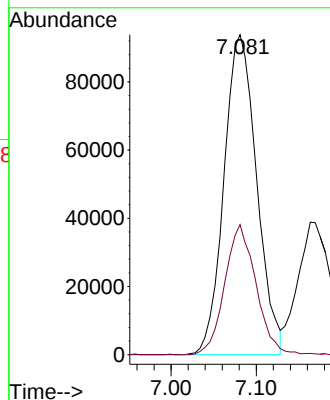
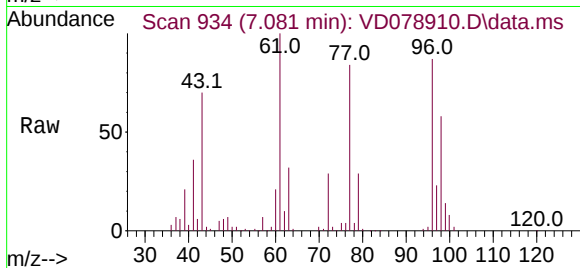
ClientSampleId :

Tgt Ion: 43 Resp: 250558

Ion Ratio Lower Upper

43 100

72 40.7 26.4 39.6#



#26

2,2-Dichloropropane

Concen: 140.329 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD078910.D

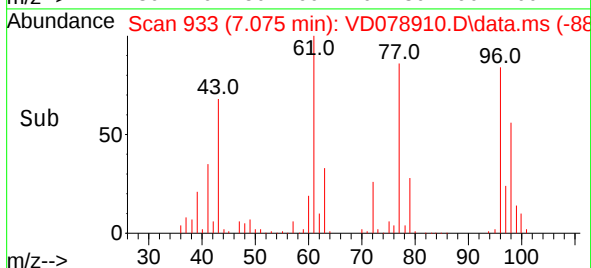
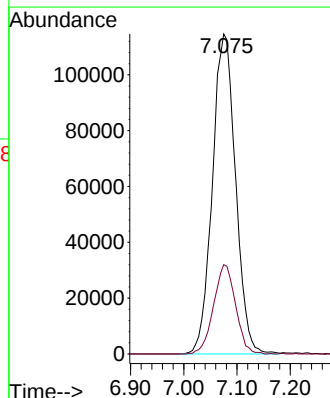
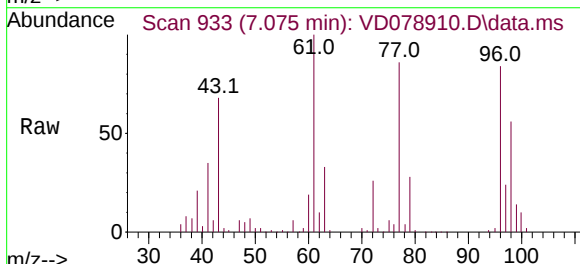
Acq: 13 May 2024 12:39

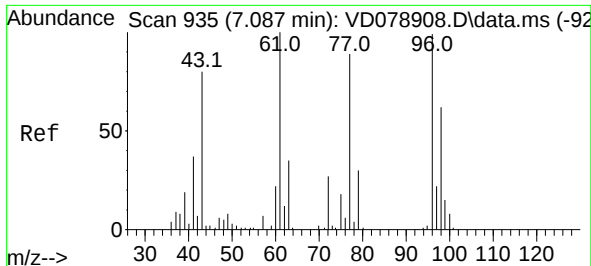
Tgt Ion: 77 Resp: 346302

Ion Ratio Lower Upper

77 100

97 26.5 12.4 37.2

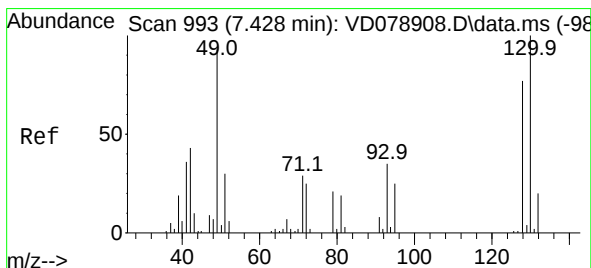
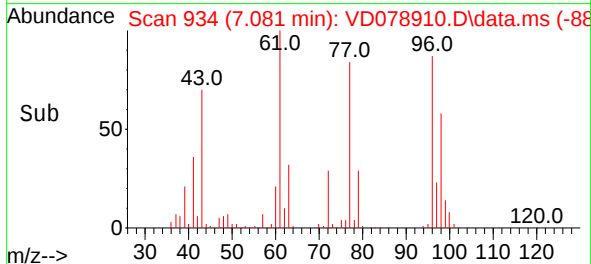
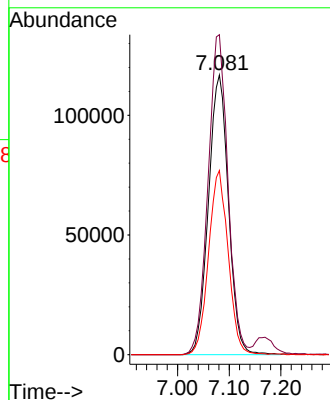
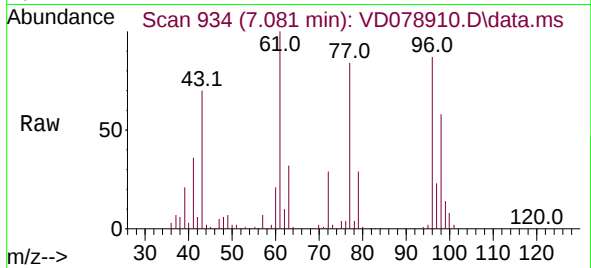




#27
cis-1,2-Dichloroethene
Concen: 149.733 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

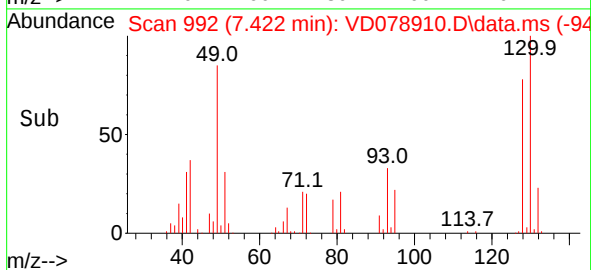
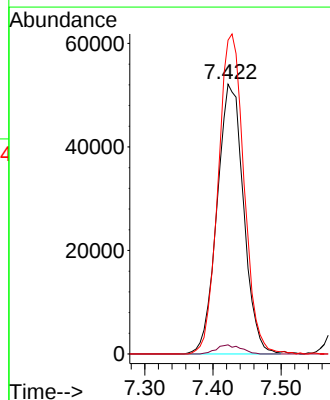
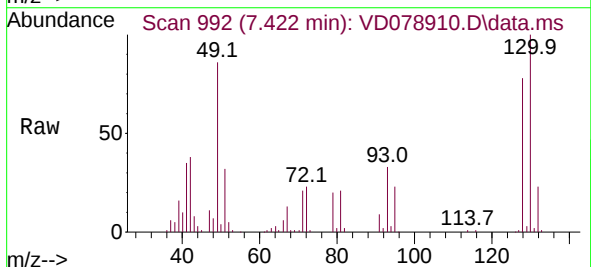
Instrument :
MSVOA_D
ClientSampleId :

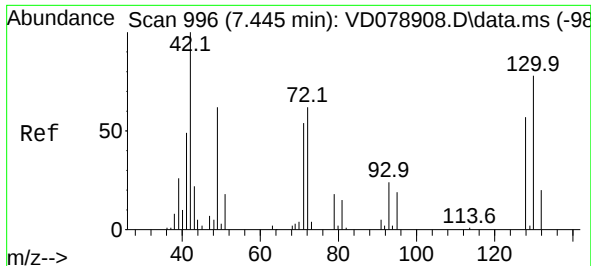
Tgt Ion: 96 Resp: 314549
Ion Ratio Lower Upper
96 100
61 114.2 0.0 229.0
98 64.5 0.0 127.2



#28
Bromochloromethane
Concen: 150.601 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

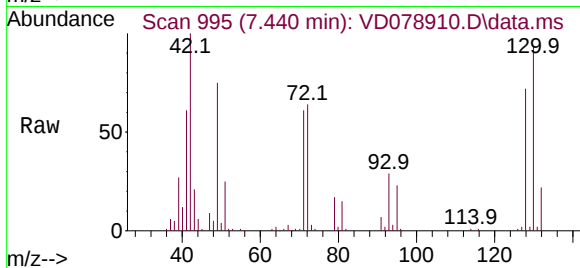
Tgt Ion: 49 Resp: 141038
Ion Ratio Lower Upper
49 100
129 3.1 0.0 7.0
130 115.6 87.7 131.5



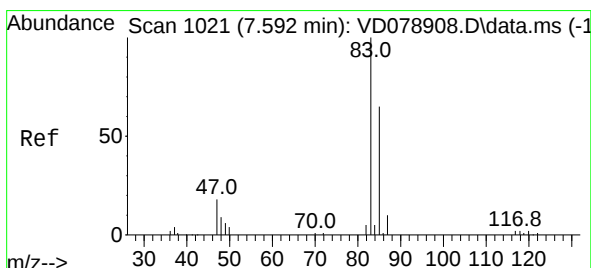
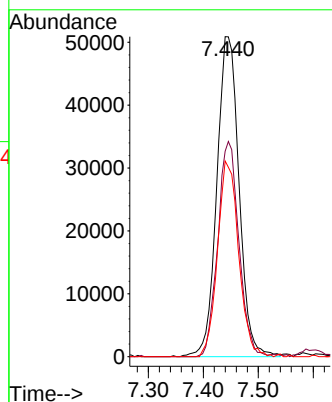
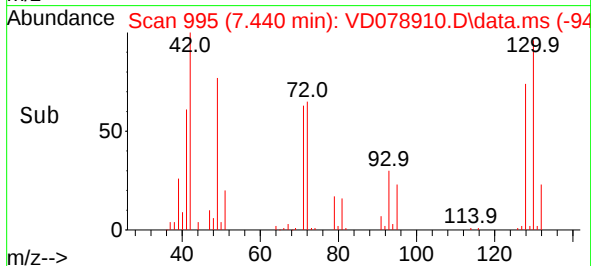


#29
Tetrahydrofuran
Concen: 779.794 ug/l
RT: 7.440 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Instrument :
MSVOA_D
ClientSampleId :

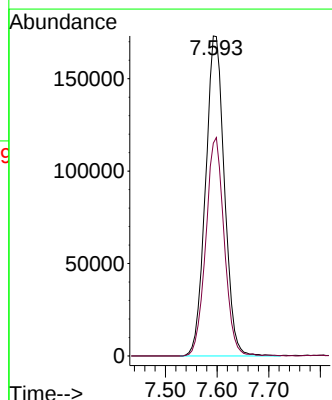
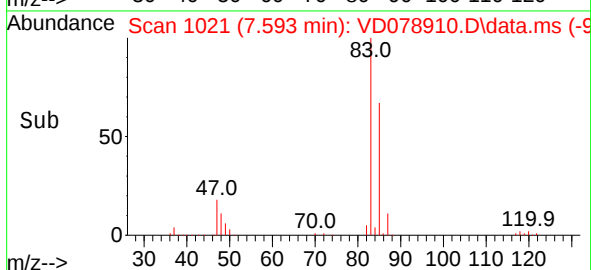
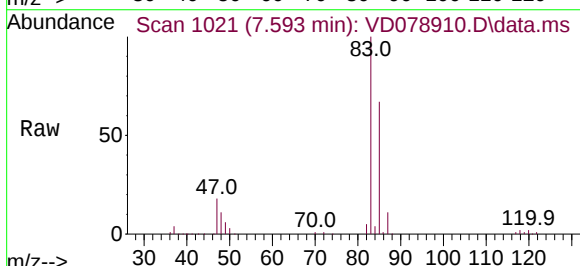


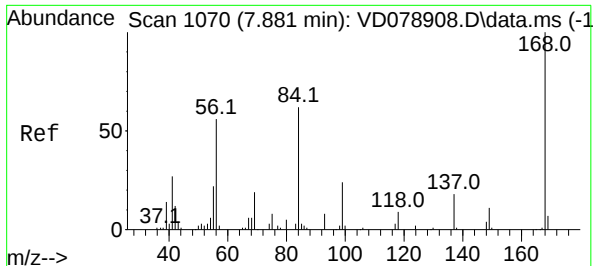
Tgt Ion: 42 Resp: 143048
Ion Ratio Lower Upper
42 100
72 63.7 49.4 74.0
71 58.1 45.0 67.6



#30
Chloroform
Concen: 138.043 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

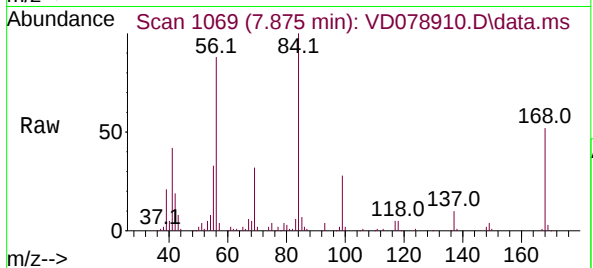
Tgt Ion: 83 Resp: 439062
Ion Ratio Lower Upper
83 100
85 66.5 51.8 77.6



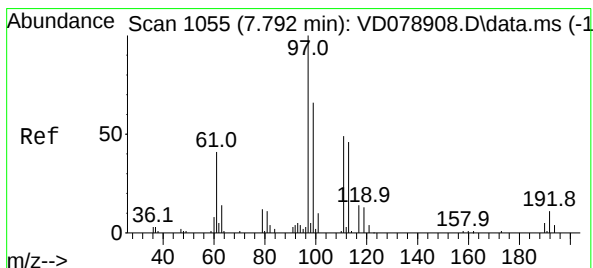
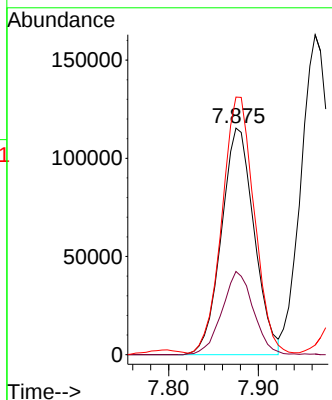
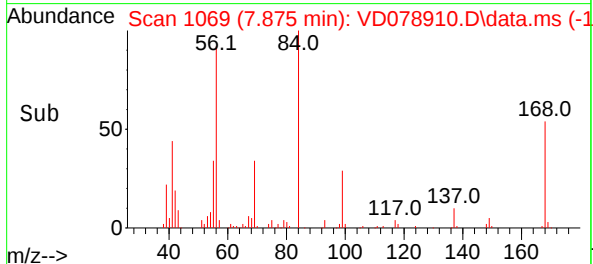


#31
Cyclohexane
Concen: 134.566 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Instrument :
MSVOA_D
ClientSampleId :

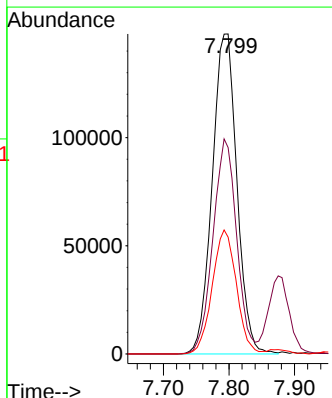
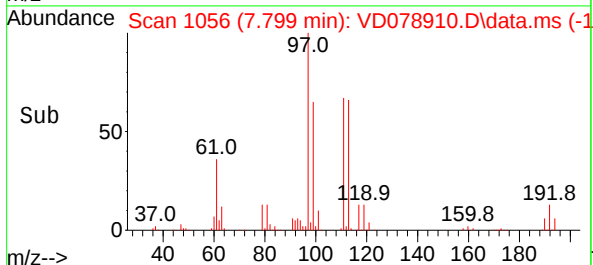
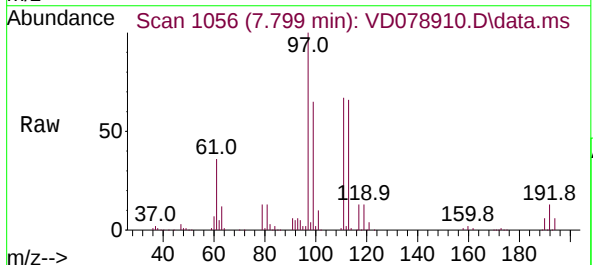


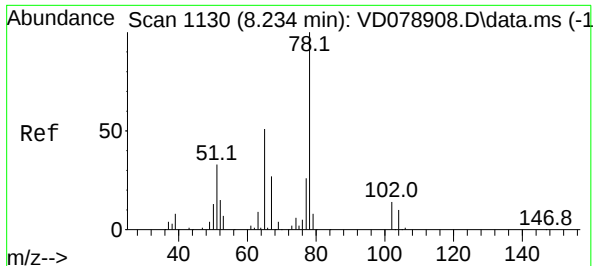
Tgt Ion: 56 Resp: 292388
Ion Ratio Lower Upper
56 100
69 36.5 28.0 42.0
84 112.1 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 141.790 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Tgt Ion: 97 Resp: 386211
Ion Ratio Lower Upper
97 100
99 64.7 51.3 76.9
61 38.0 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 147.332 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

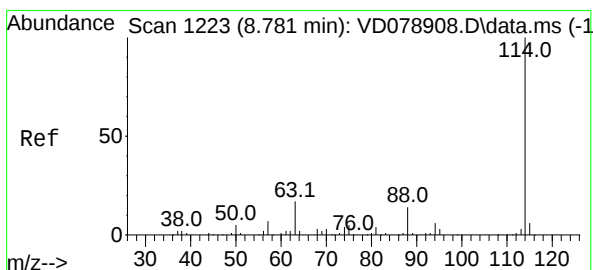
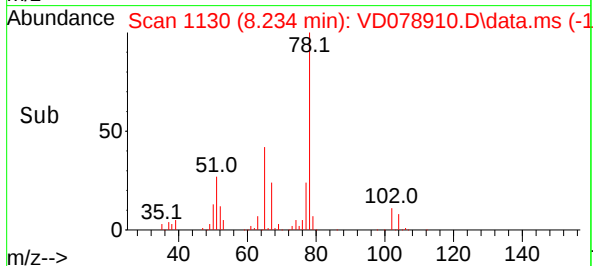
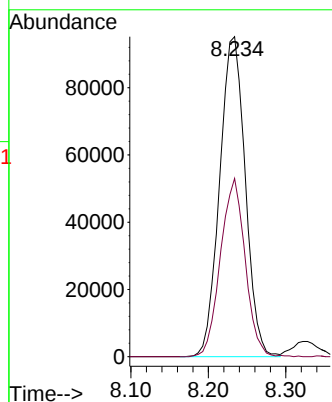
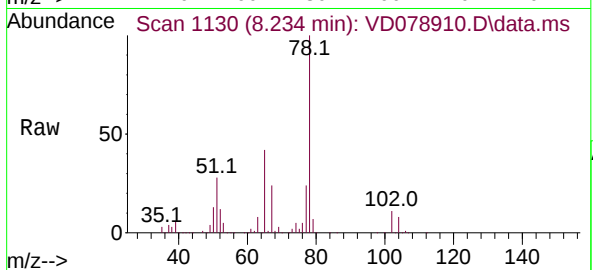
ClientSampleId :

Tgt Ion: 65 Resp: 219116

Ion Ratio Lower Upper

65 100

67 53.8 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

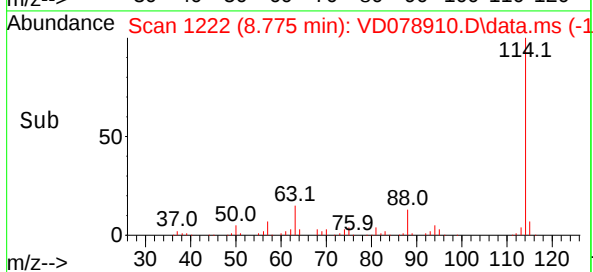
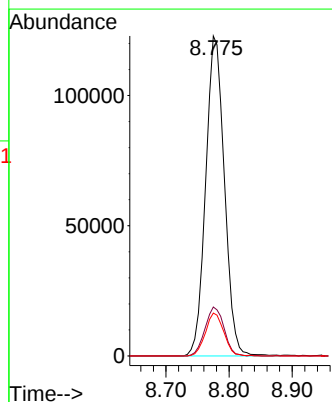
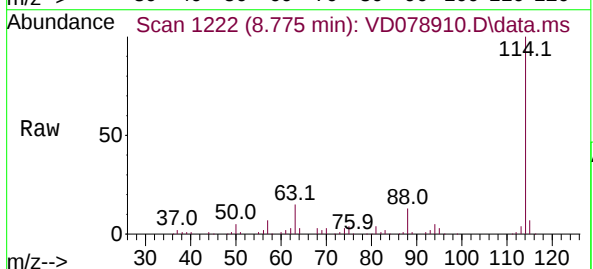
Tgt Ion: 114 Resp: 253054

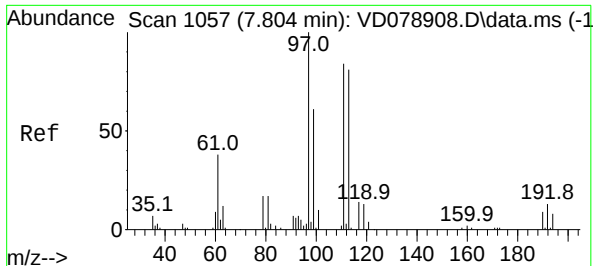
Ion Ratio Lower Upper

114 100

63 15.3 0.0 34.0

88 13.4 0.0 27.2

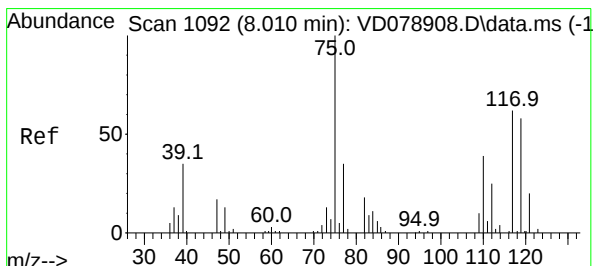
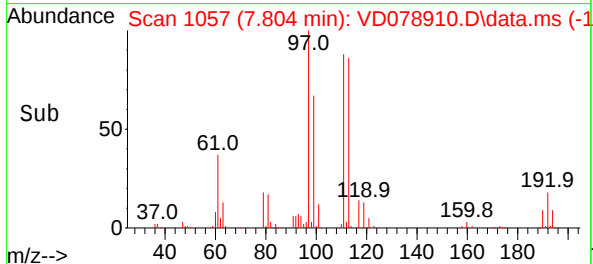
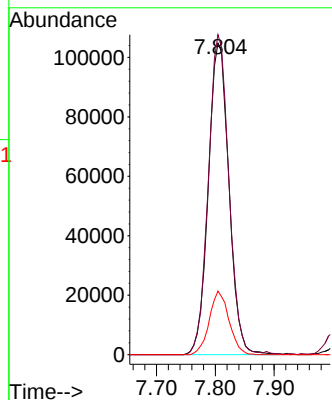
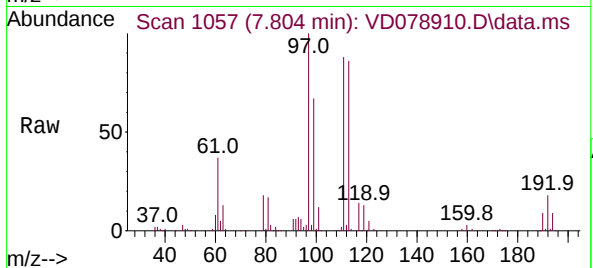




#35
Dibromofluoromethane
Concen: 151.804 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

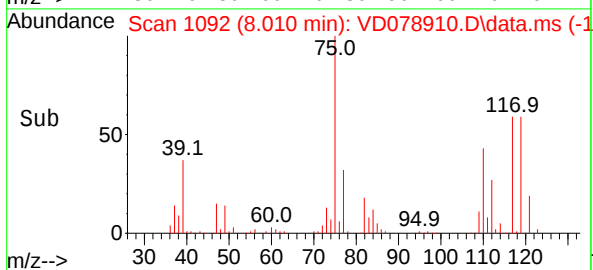
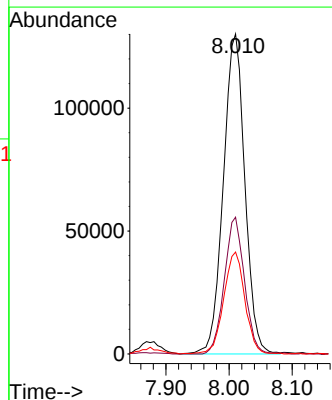
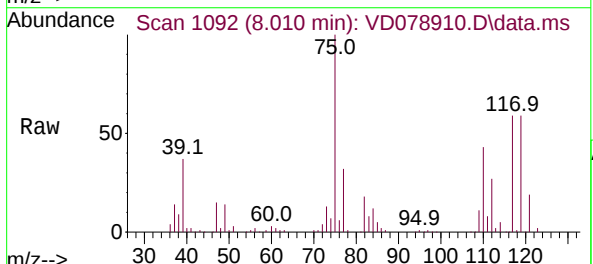
Instrument :
MSVOA_D
ClientSampleId :

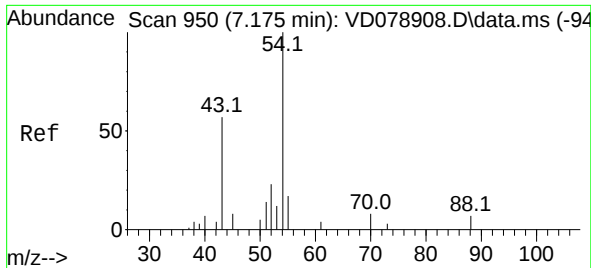
Tgt Ion:113 Resp: 255714
Ion Ratio Lower Upper
113 100
111 101.8 84.0 126.0
192 19.5 15.4 23.0



#36
1,1-Dichloropropene
Concen: 147.019 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Tgt Ion: 75 Resp: 308179
Ion Ratio Lower Upper
75 100
110 40.0 19.6 58.7
77 31.4 26.1 39.1





#37

Ethyl Acetate

Concen: 148.615 ug/l

RT: 7.163 min Scan# 948

Delta R.T. -0.011 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

ClientSampleId :

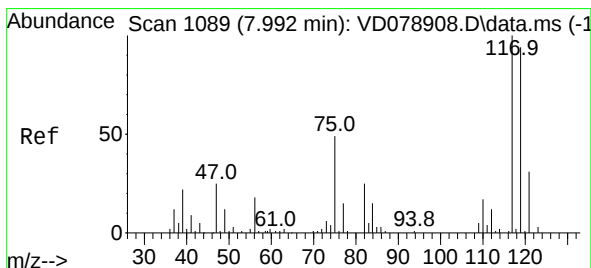
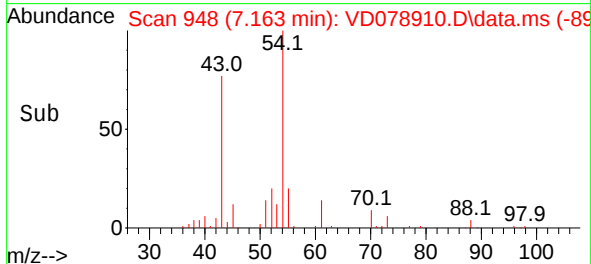
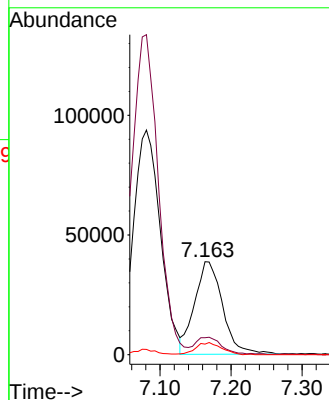
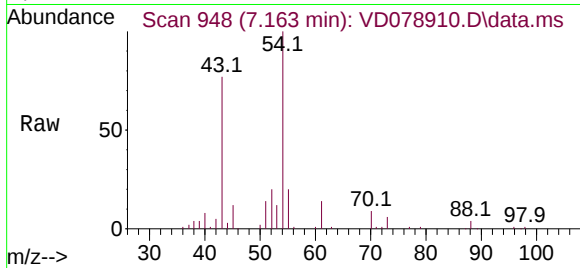
Tgt Ion: 43 Resp: 106167

Ion Ratio Lower Upper

43 100

61 17.2 13.9 20.9

70 12.0 9.8 14.6



#38

Carbon Tetrachloride

Concen: 146.652 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

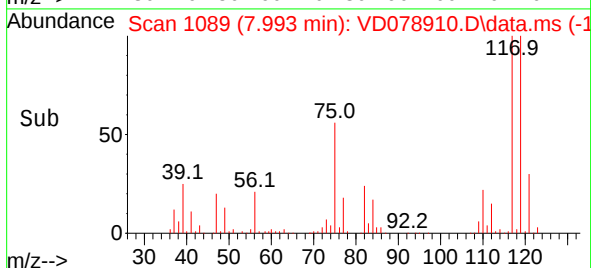
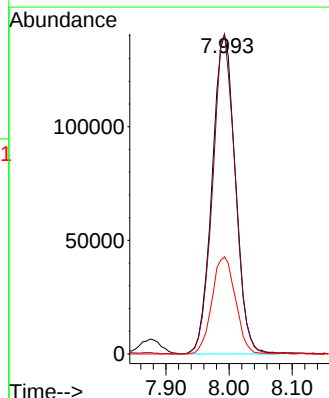
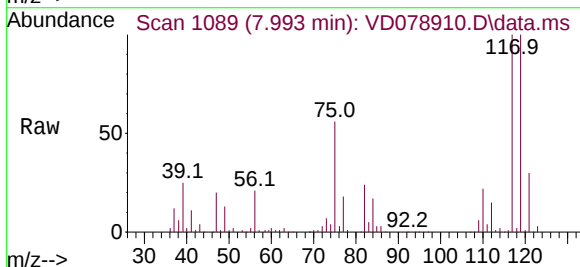
Tgt Ion: 117 Resp: 359754

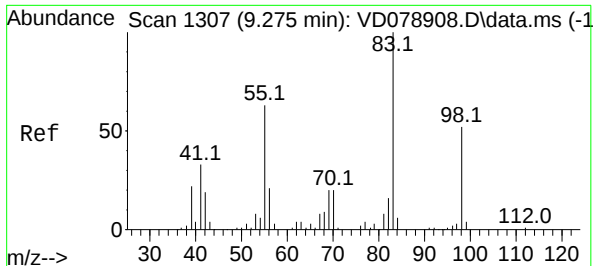
Ion Ratio Lower Upper

117 100

119 100.2 75.4 113.0

121 30.4 25.0 37.4





#39

Methylcyclohexane

Concen: 161.310 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

ClientSampleId :

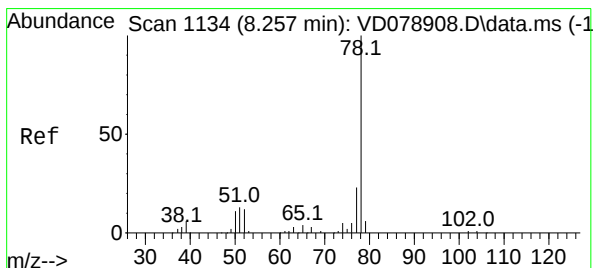
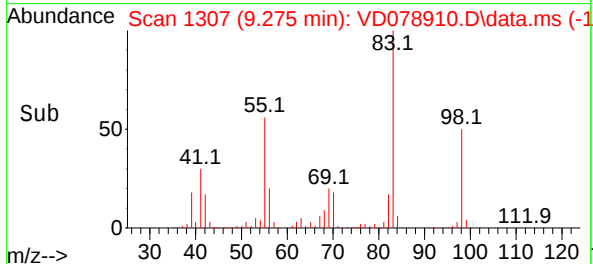
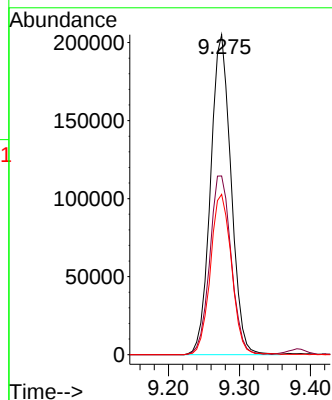
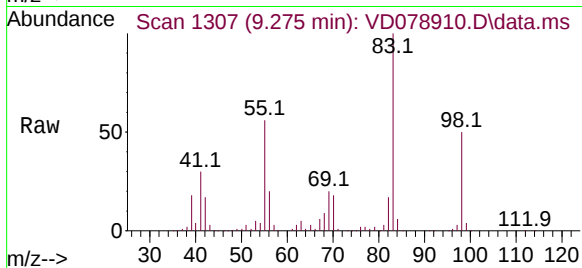
Tgt Ion: 83 Resp: 410849

Ion Ratio Lower Upper

83 100

55 55.8 50.1 75.1

98 50.1 41.9 62.9



#40

Benzene

Concen: 148.220 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VD078910.D

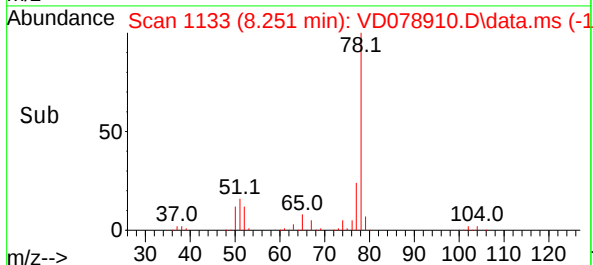
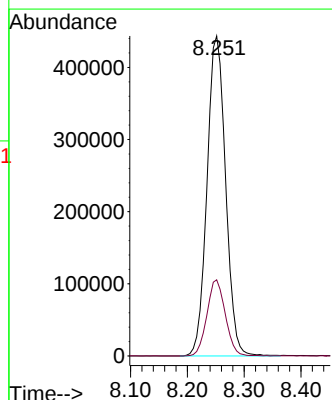
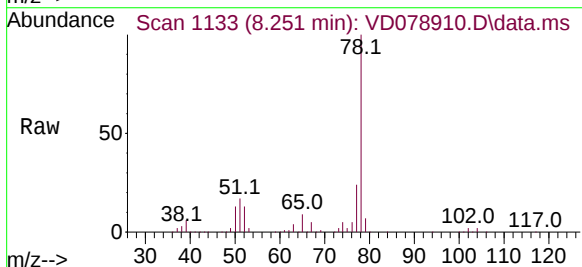
Acq: 13 May 2024 12:39

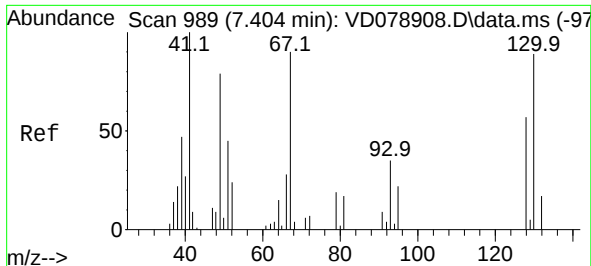
Tgt Ion: 78 Resp: 1004915

Ion Ratio Lower Upper

78 100

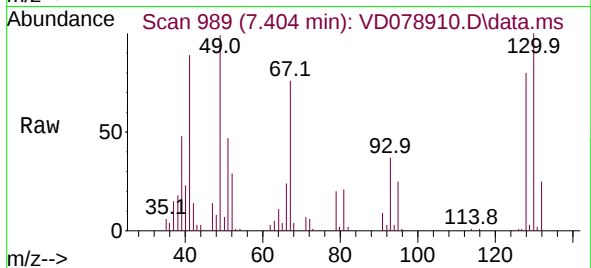
77 23.8 18.1 27.1



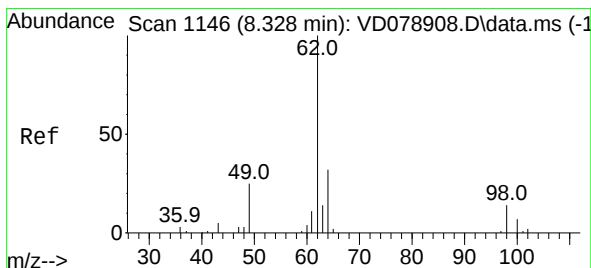
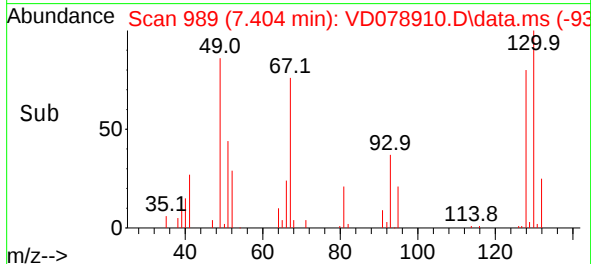
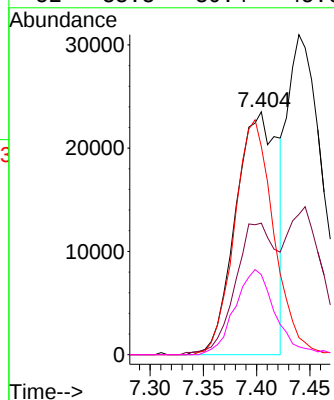


#41
Methacrylonitrile
Concen: 168.946 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Instrument :
MSVOA_D
ClientSampleId :

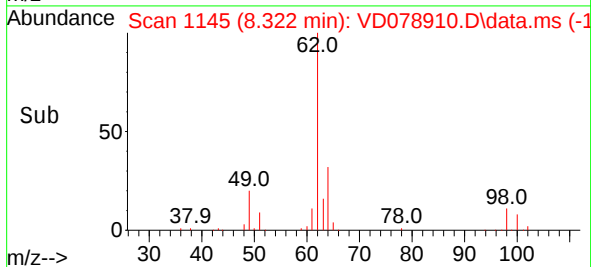
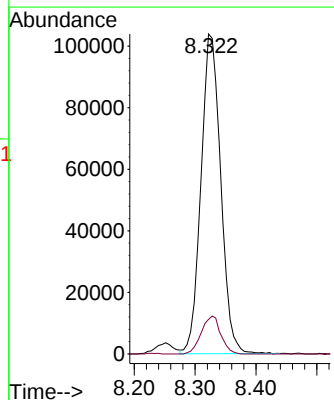
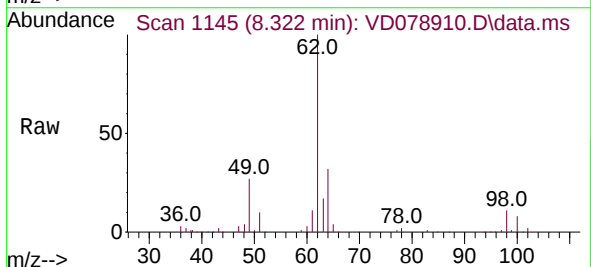


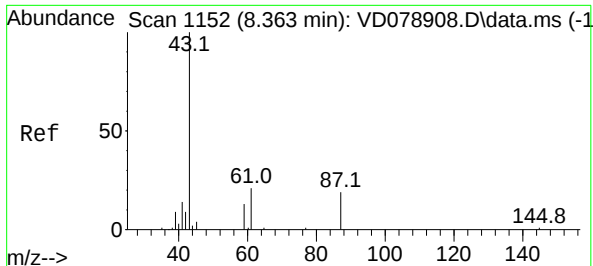
Tgt Ion:	41	Resp:	64942
Ion	Ratio	Lower	Upper
41	100		
39	53.1	41.4	62.0
67	90.0	85.8	128.6
52	33.3	30.4	45.6



#42
1,2-Dichloroethane
Concen: 142.138 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Tgt Ion:	62	Resp:	233258
Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	25.8





#43

Isopropyl Acetate

Concen: 158.823 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

ClientSampleId :

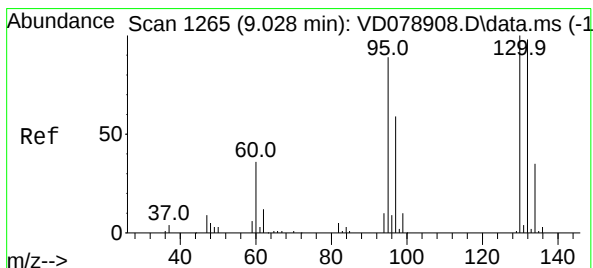
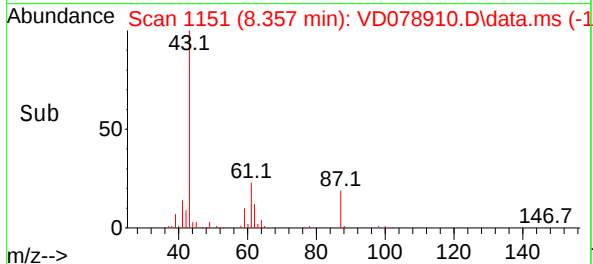
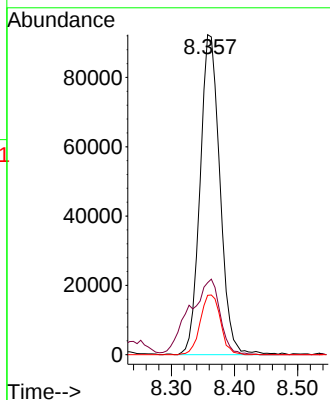
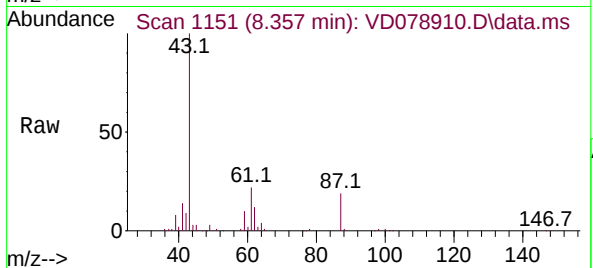
Tgt Ion: 43 Resp: 201318

Ion Ratio Lower Upper

43 100

61 36.4 29.3 43.9

87 19.0 14.9 22.3



#44

Trichloroethene

Concen: 148.001 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD078910.D

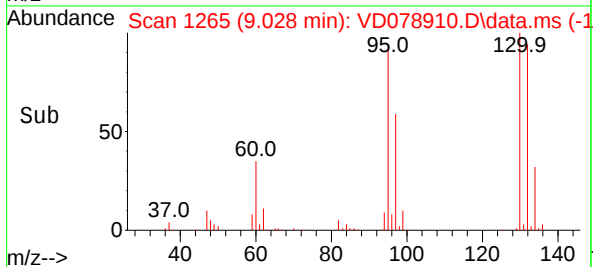
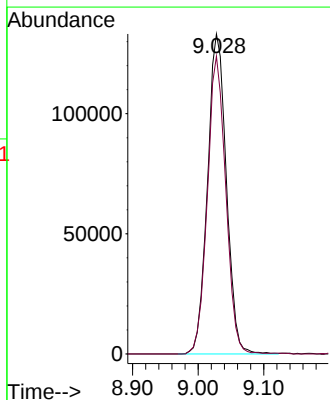
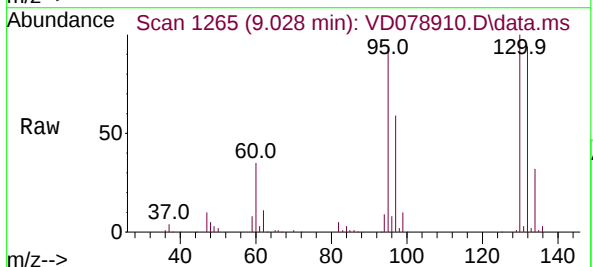
Acq: 13 May 2024 12:39

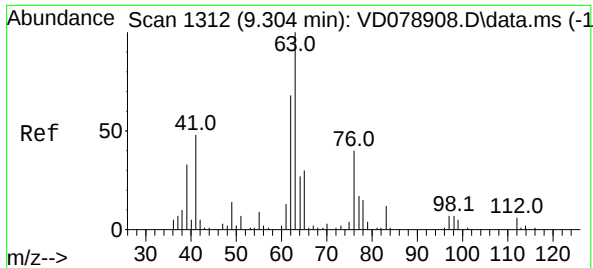
Tgt Ion:130 Resp: 266153

Ion Ratio Lower Upper

130 100

95 93.1 0.0 177.8

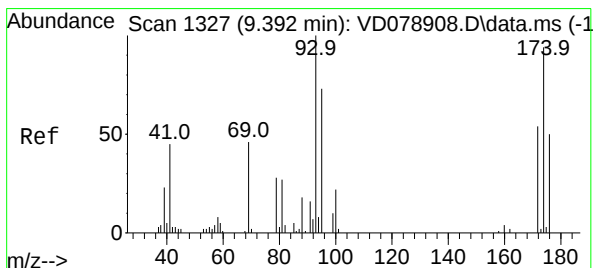
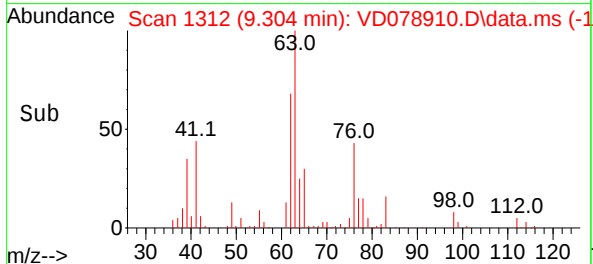
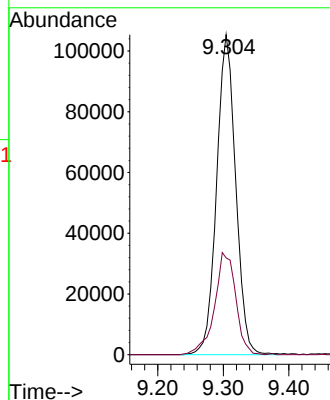
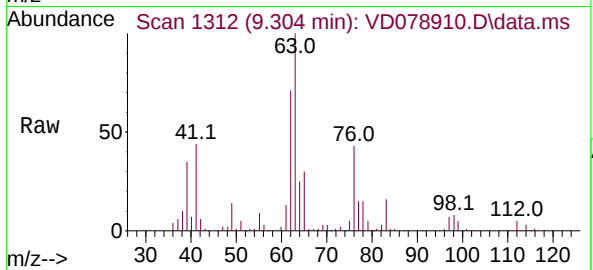




#45
1,2-Dichloropropane
Concen: 142.473 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

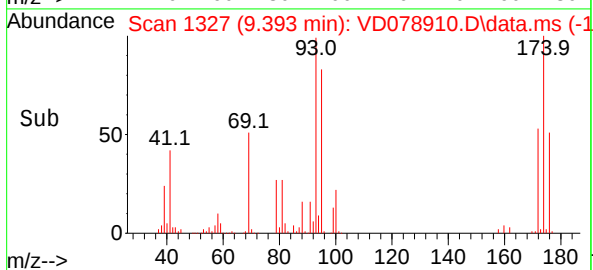
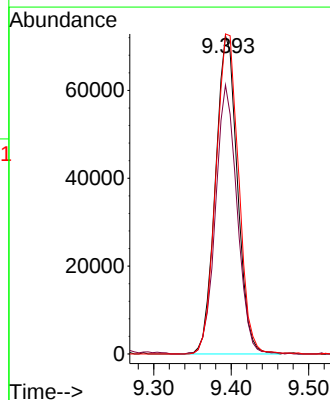
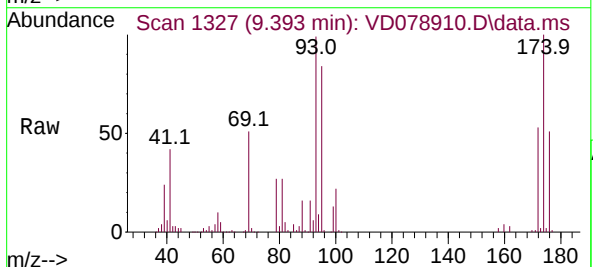
Instrument :
MSVOA_D
ClientSampleId :

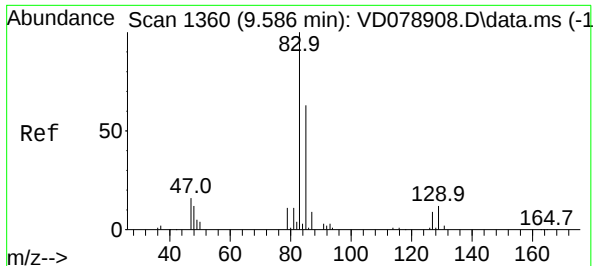
Tgt Ion: 63 Resp: 212268
Ion Ratio Lower Upper
63 100
65 30.3 23.8 35.8



#46
Dibromomethane
Concen: 145.317 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

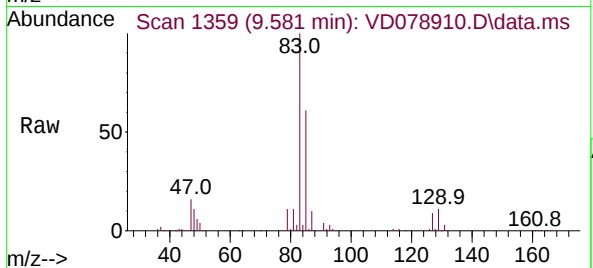
Tgt Ion: 93 Resp: 142527
Ion Ratio Lower Upper
93 100
95 83.1 65.6 98.4
174 104.1 82.3 123.5



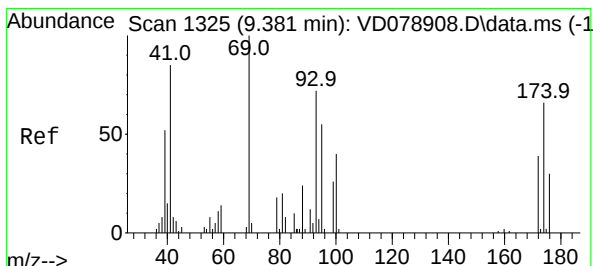
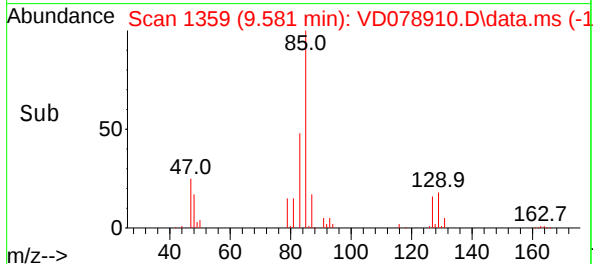
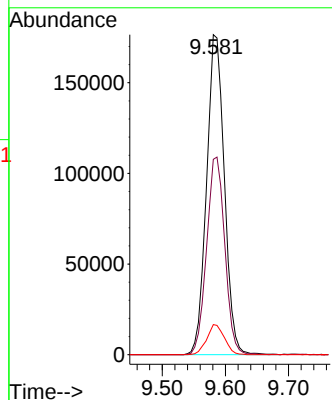


#47
Bromodichloromethane
Concen: 146.573 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Instrument :
MSVOA_D
ClientSampleId :

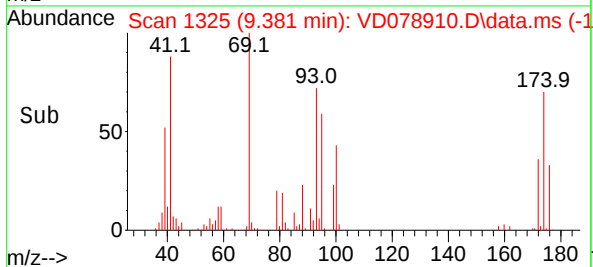
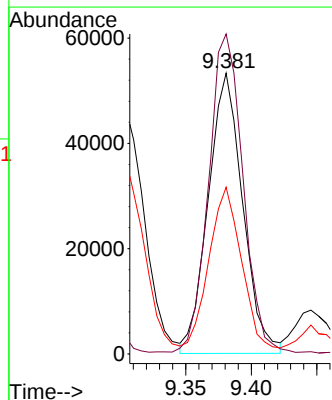
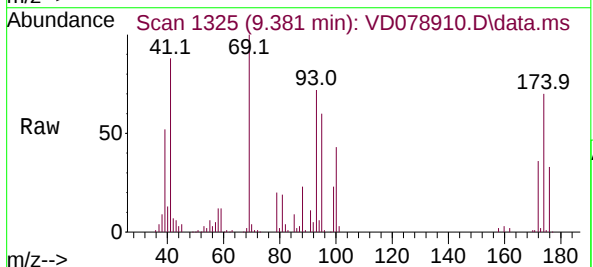


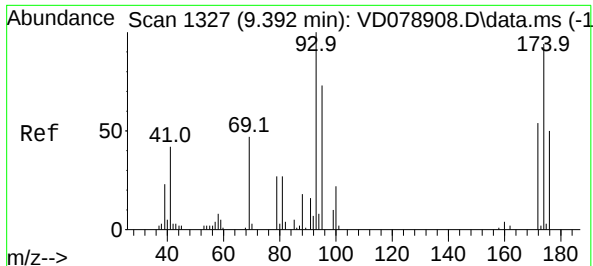
Tgt Ion: 83 Resp: 346053
Ion Ratio Lower Upper
83 100
85 61.0 50.1 75.1
127 9.4 6.8 10.2



#48
Methyl methacrylate
Concen: 157.874 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Tgt Ion: 41 Resp: 97418
Ion Ratio Lower Upper
41 100
69 115.2 96.7 145.1
39 53.5 43.8 65.6





#49

1,4-Dioxane

Concen: 3511.438 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.011 min

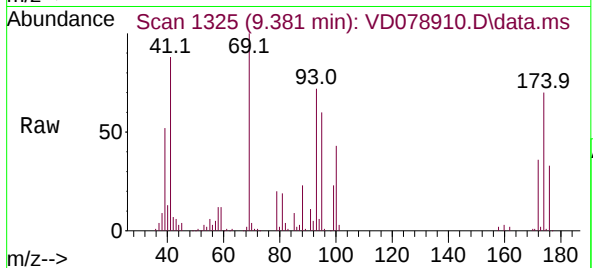
Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

ClientSampleId :



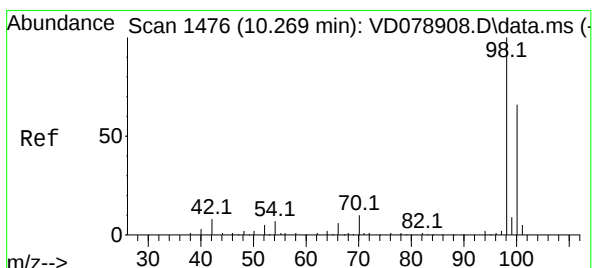
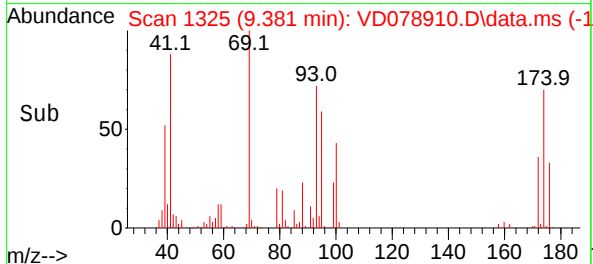
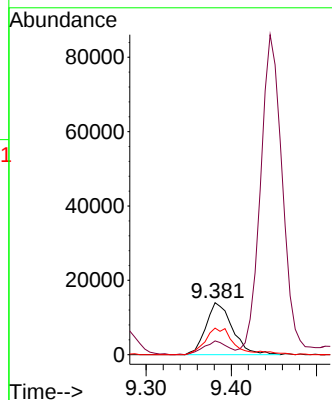
Tgt Ion: 88 Resp: 30295

Ion Ratio Lower Upper

88 100

43 23.6 21.5 32.3

58 51.8 42.2 63.4



#50

Toluene-d8

Concen: 161.200 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078910.D

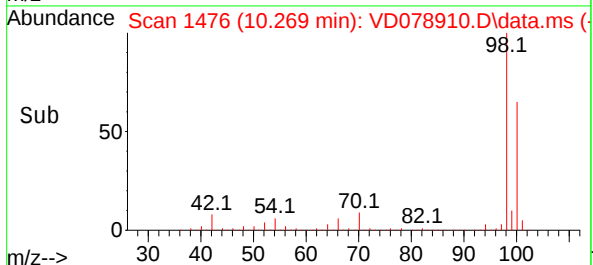
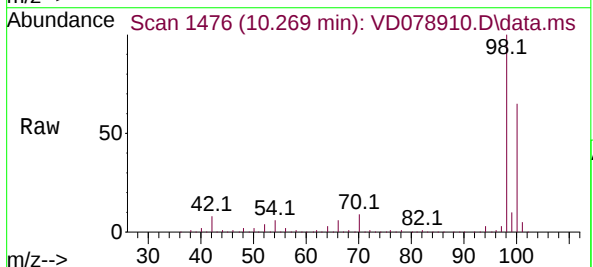
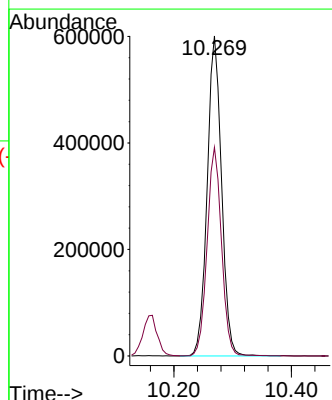
Acq: 13 May 2024 12:39

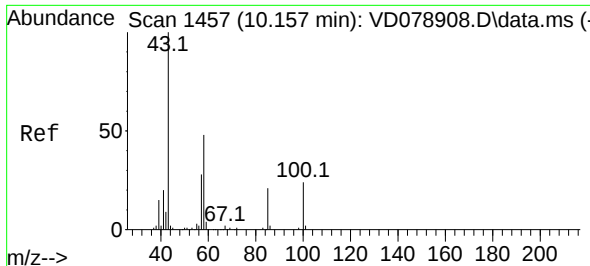
Tgt Ion: 98 Resp: 1017966

Ion Ratio Lower Upper

98 100

100 65.4 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 787.685 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

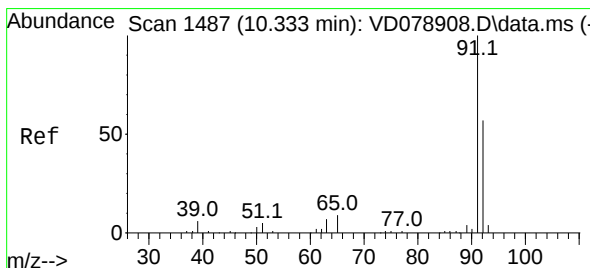
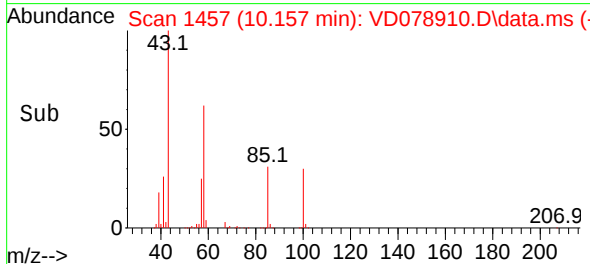
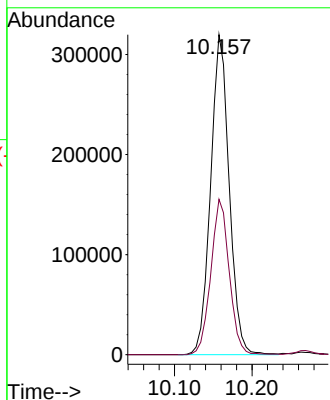
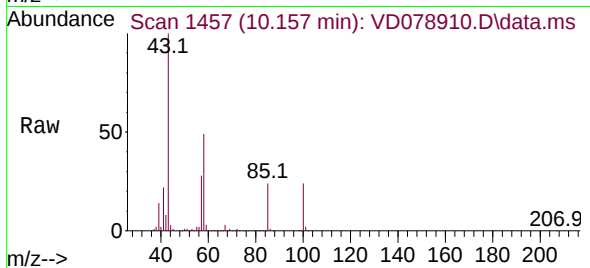
ClientSampleId :

Tgt Ion: 43 Resp: 531806

Ion Ratio Lower Upper

43 100

58 48.1 36.6 55.0



#52

Toluene

Concen: 159.087 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078910.D

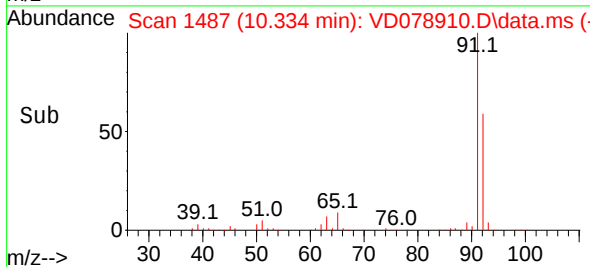
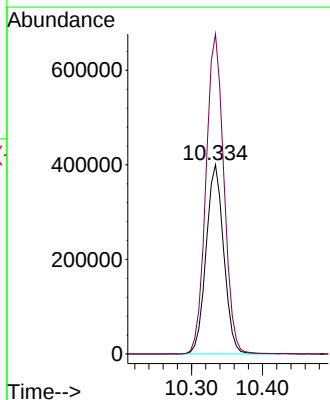
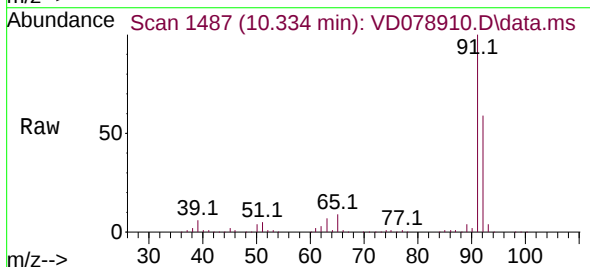
Acq: 13 May 2024 12:39

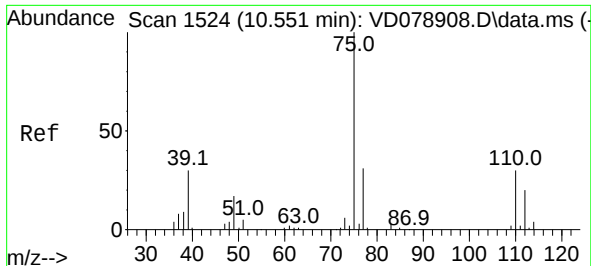
Tgt Ion: 92 Resp: 690423

Ion Ratio Lower Upper

92 100

91 172.4 141.7 212.5





#53

t-1,3-Dichloropropene

Concen: 156.743 ug/l

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

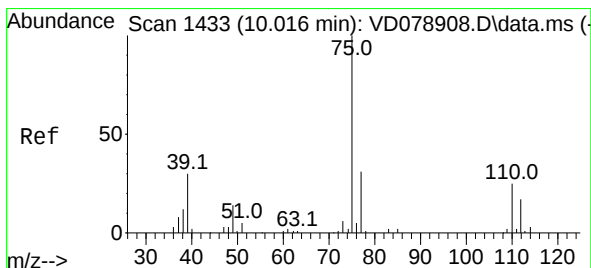
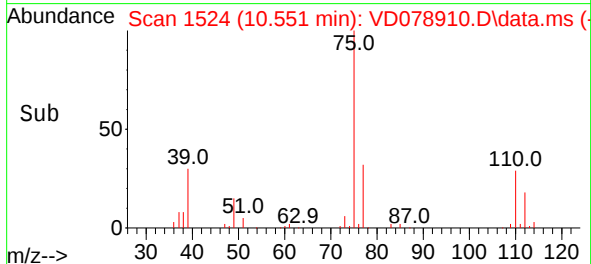
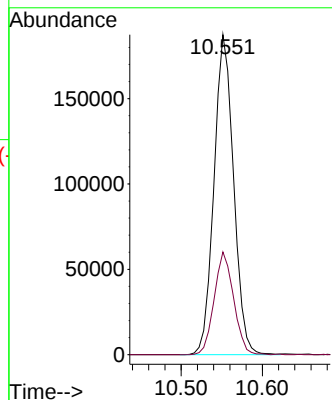
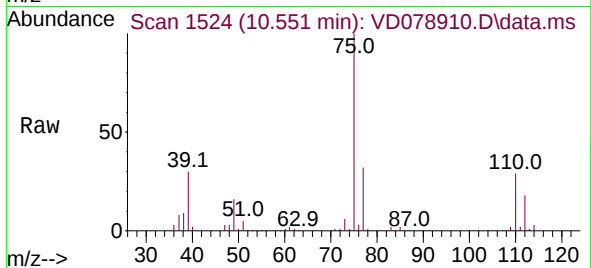
ClientSampleId :

Tgt Ion: 75 Resp: 314462

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 154.481 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

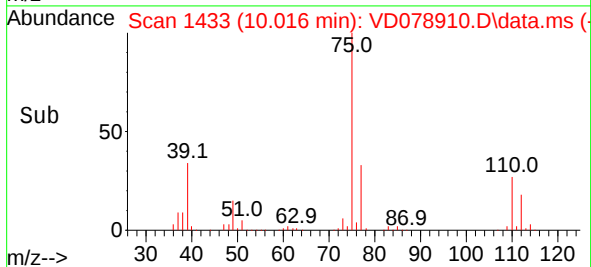
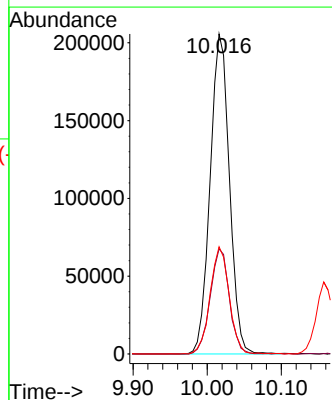
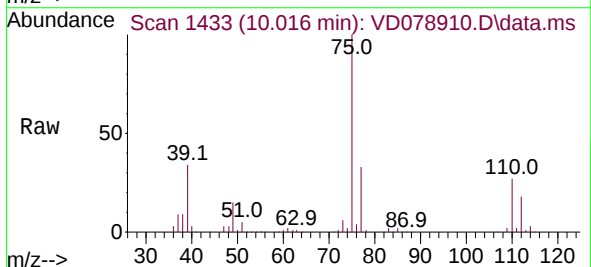
Tgt Ion: 75 Resp: 371991

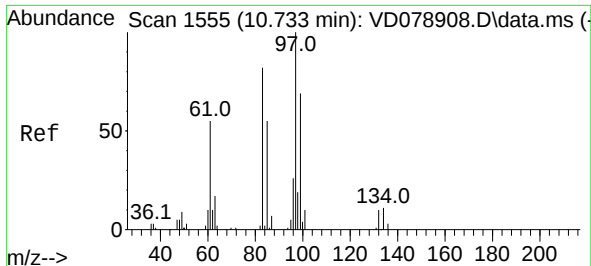
Ion Ratio Lower Upper

75 100

77 32.9 24.4 36.6

39 33.5 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 145.338 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 184165

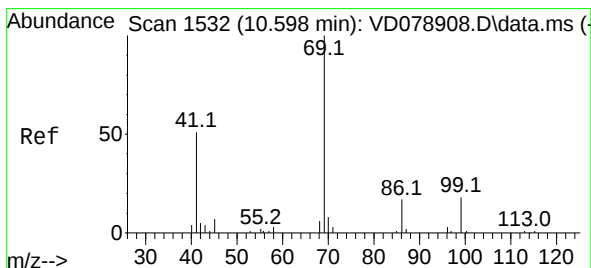
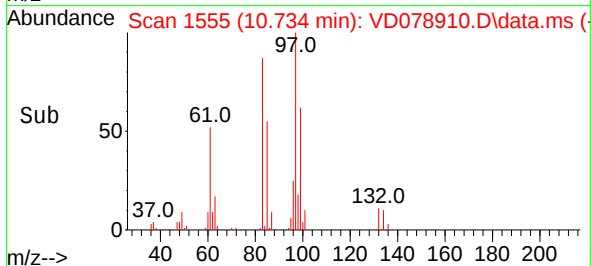
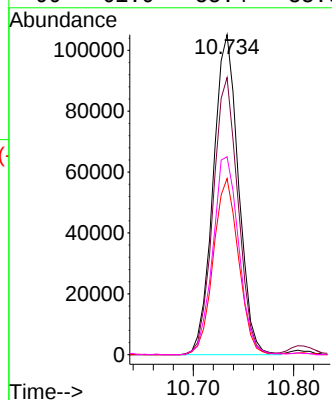
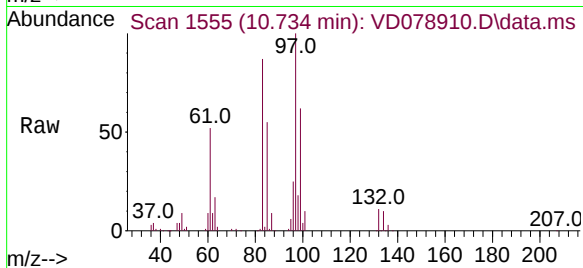
Ion Ratio Lower Upper

97 100

83 86.6 65.8 98.8

85 55.1 43.8 65.8

99 61.9 55.4 83.0



#56

Ethyl methacrylate

Concen: 171.369 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

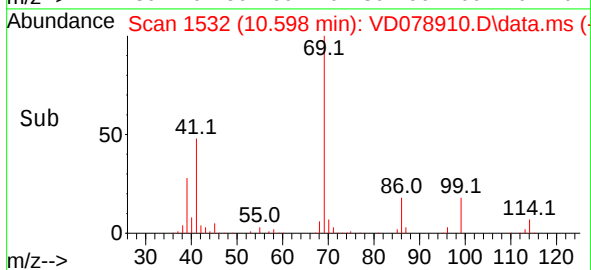
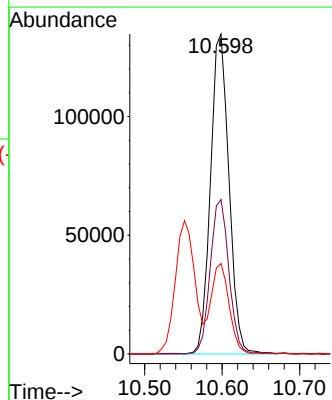
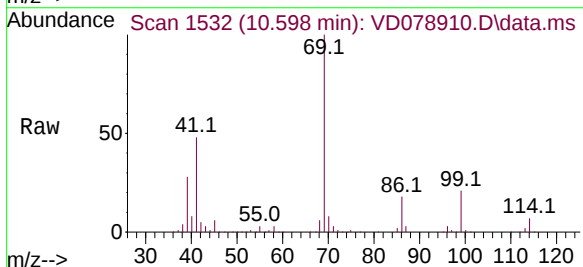
Tgt Ion: 69 Resp: 223414

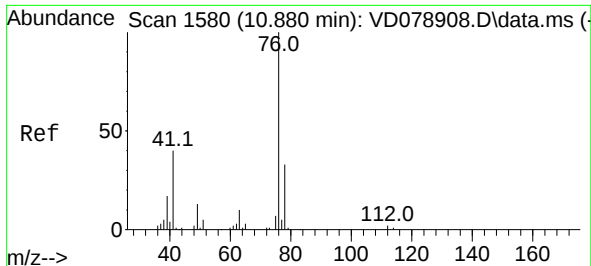
Ion Ratio Lower Upper

69 100

41 49.0 39.8 59.6

39 28.2 20.2 30.4





#57

1,3-Dichloropropane

Concen: 149.990 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

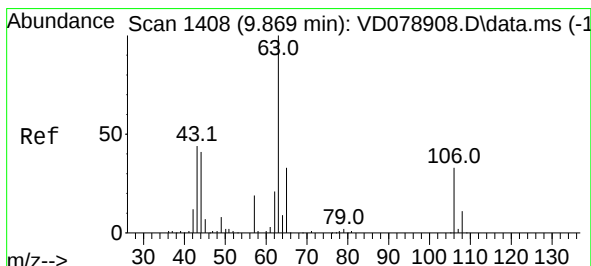
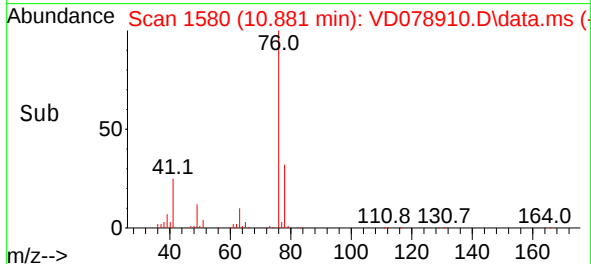
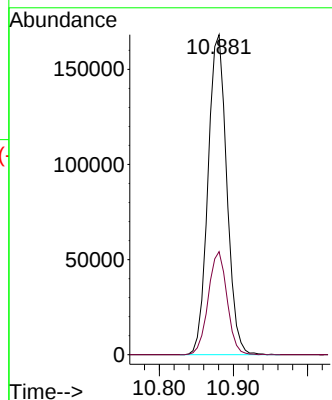
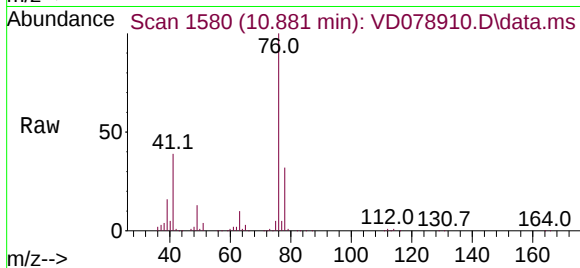
ClientSampleId :

Tgt Ion: 76 Resp: 295949

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 822.964 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078910.D

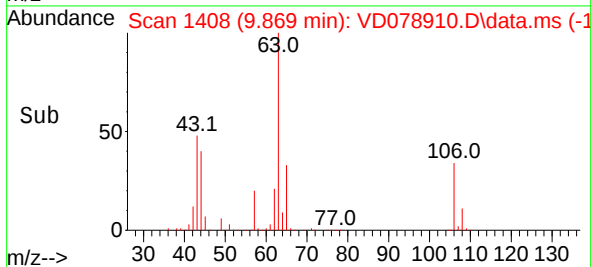
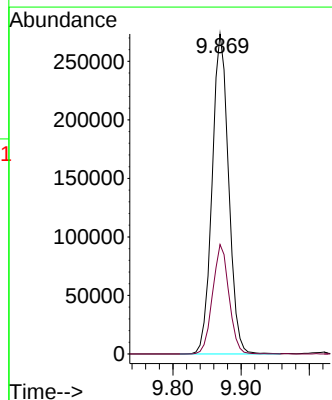
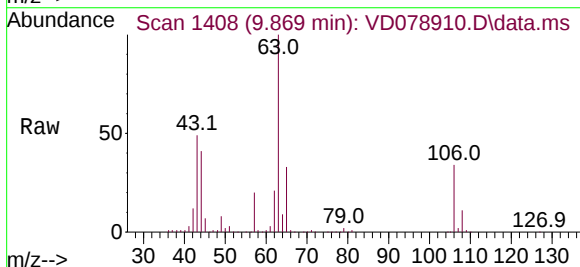
Acq: 13 May 2024 12:39

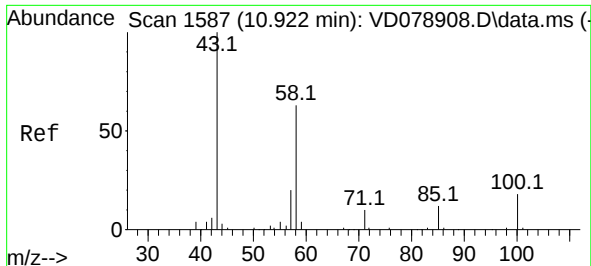
Tgt Ion: 63 Resp: 460993

Ion Ratio Lower Upper

63 100

106 33.9 26.4 39.6

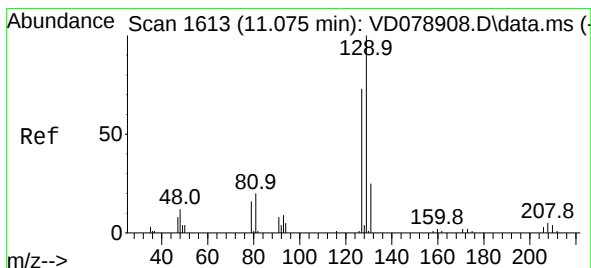
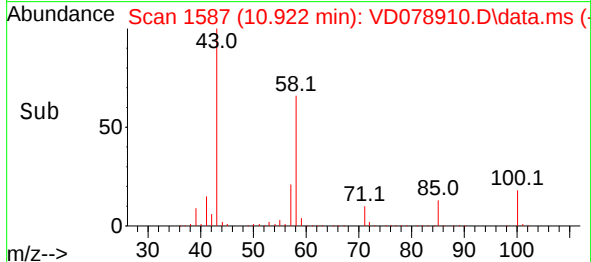
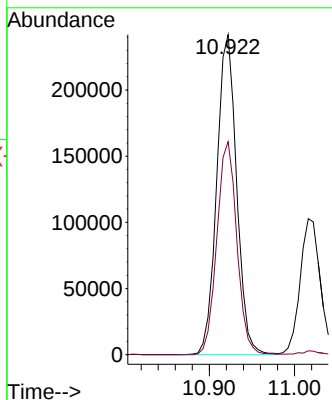
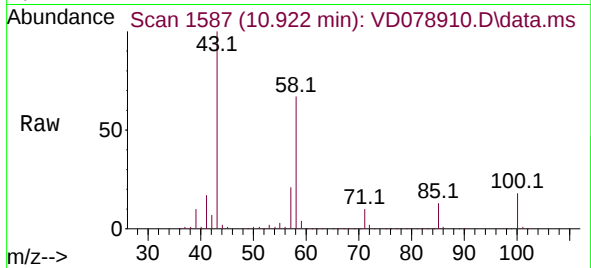




#59
2-Hexanone
Concen: 832.882 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

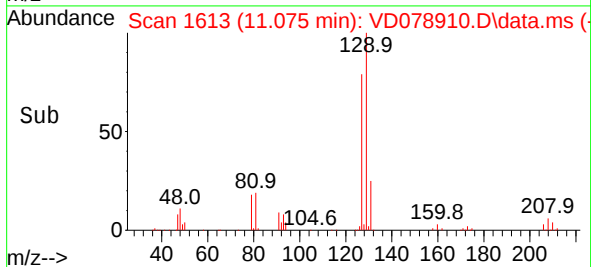
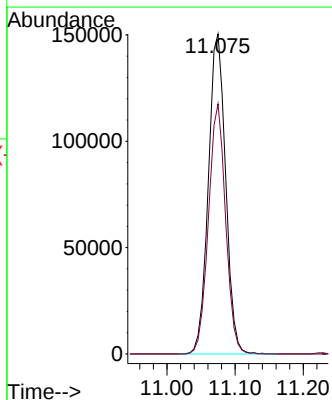
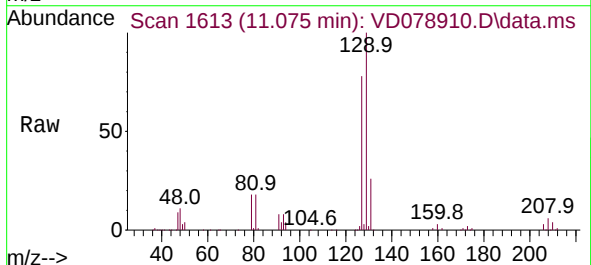
Instrument :
MSVOA_D
ClientSampleId :

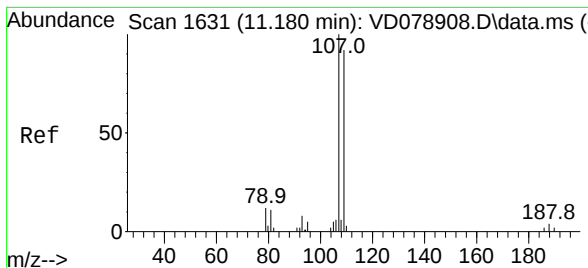
Tgt Ion: 43 Resp: 391401
Ion Ratio Lower Upper
43 100
58 66.9 31.1 93.5



#60
Dibromochloromethane
Concen: 153.480 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Tgt Ion:129 Resp: 265120
Ion Ratio Lower Upper
129 100
127 77.5 38.0 113.9





#61

1,2-Dibromoethane

Concen: 153.838 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

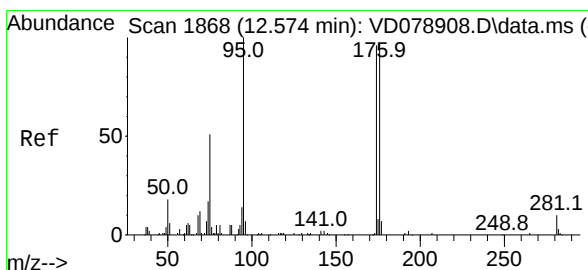
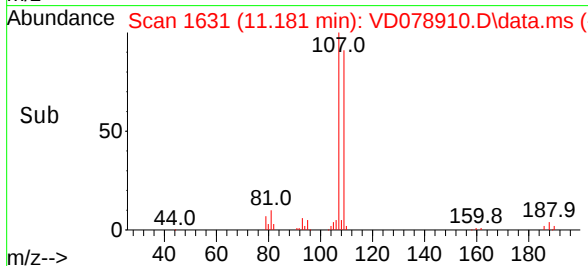
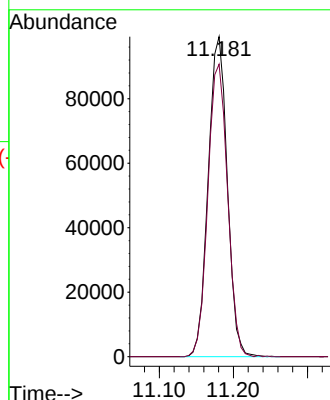
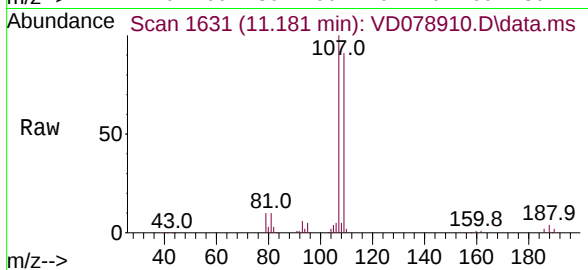
ClientSampleId :

Tgt Ion:107 Resp: 177738

Ion Ratio Lower Upper

107 100

109 94.2 72.0 108.0



#62

4-Bromofluorobenzene

Concen: 166.177 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

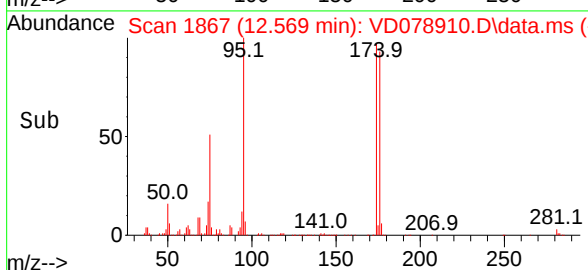
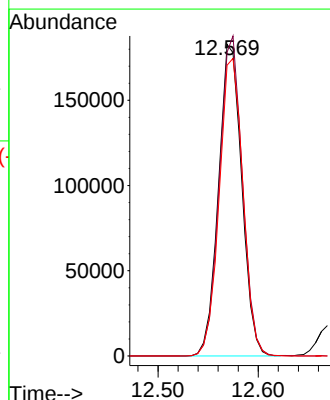
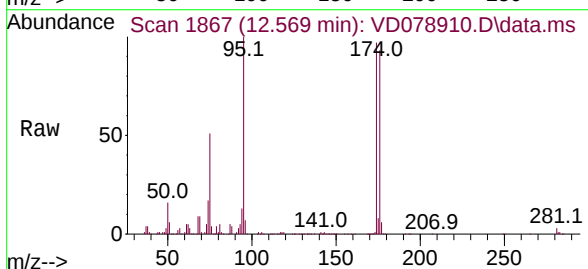
Tgt Ion: 95 Resp: 294802

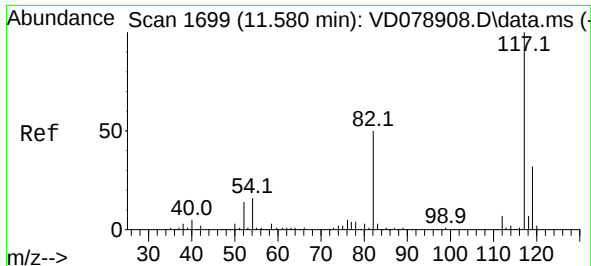
Ion Ratio Lower Upper

95 100

174 101.5 0.0 195.4

176 97.2 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

ClientSampleId :

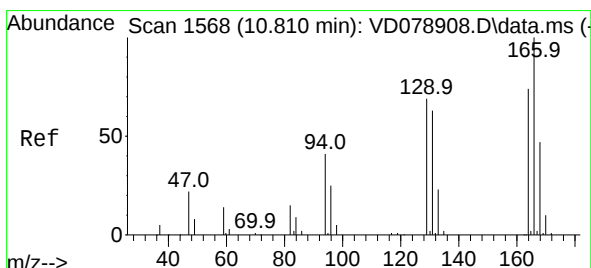
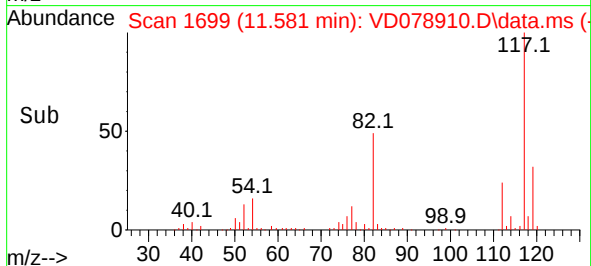
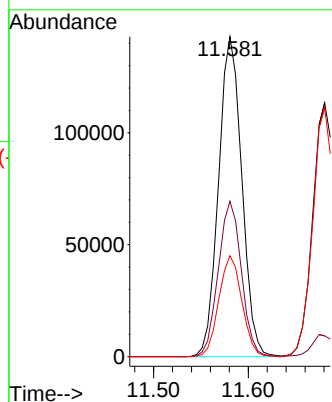
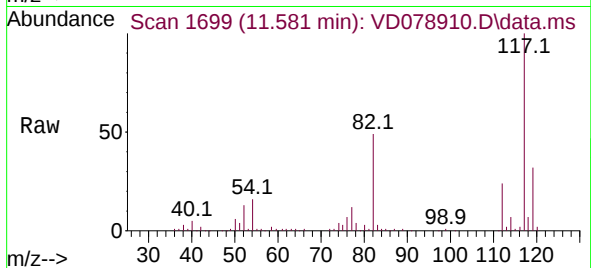
Tgt Ion:117 Resp: 244557

Ion Ratio Lower Upper

117 100

82 48.6 39.8 59.6

119 31.6 25.7 38.5



#64

Tetrachloroethene

Concen: 148.132 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Tgt Ion:164 Resp: 229837

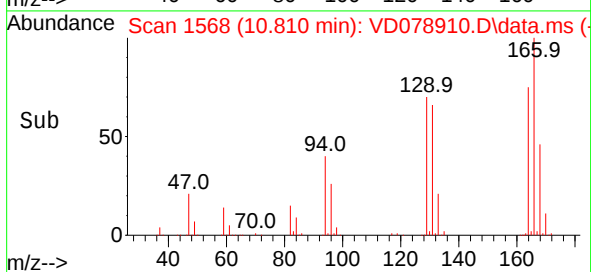
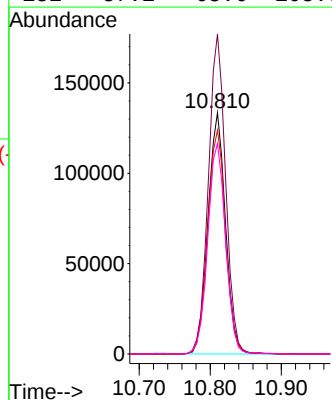
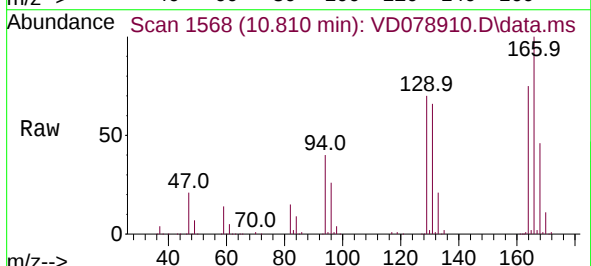
Ion Ratio Lower Upper

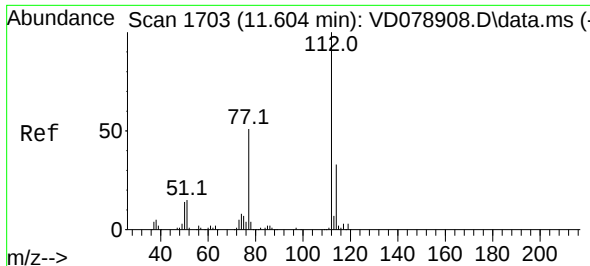
164 100

166 132.6 108.6 163.0

129 92.7 74.6 112.0

131 87.1 68.6 103.0





#65

Chlorobenzene

Concen: 152.348 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

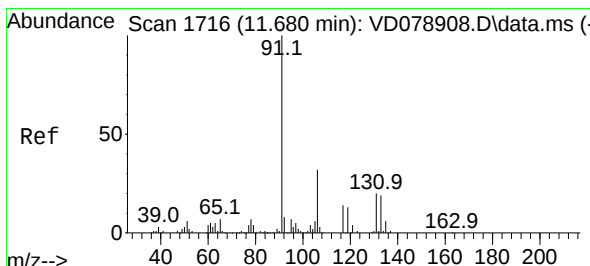
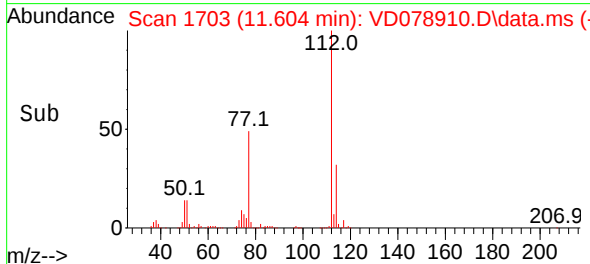
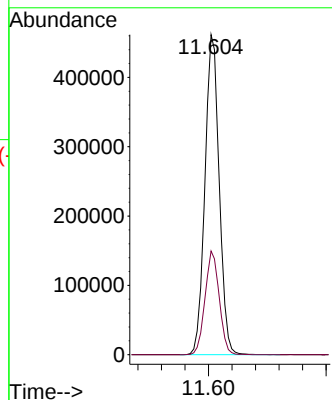
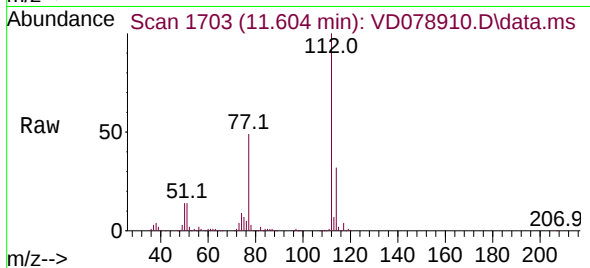
ClientSampleId :

Tgt Ion:112 Resp: 774984

Ion Ratio Lower Upper

112 100

114 32.4 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 156.658 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

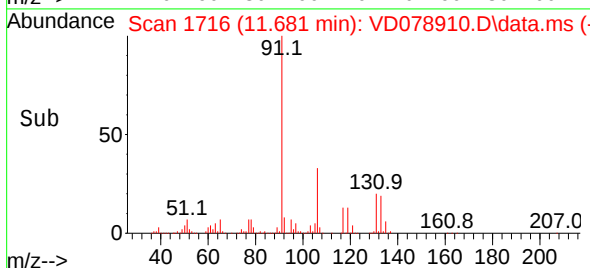
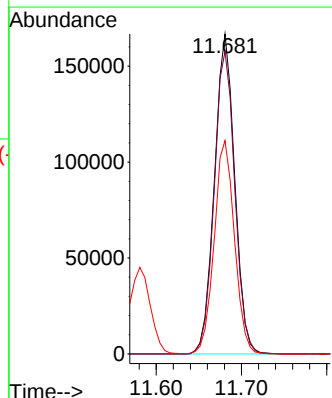
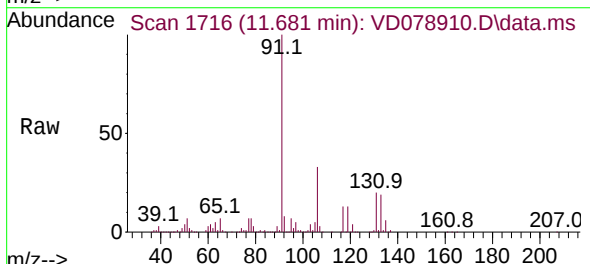
Tgt Ion:131 Resp: 275498

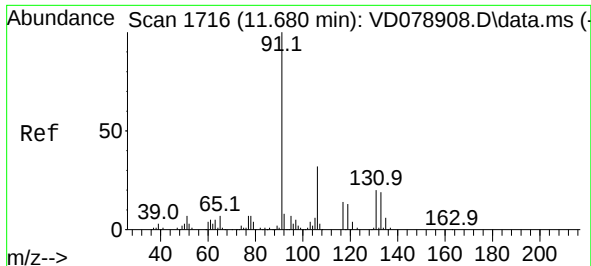
Ion Ratio Lower Upper

131 100

133 96.1 49.2 147.6

119 66.8 33.4 100.2





#67

Ethyl Benzene

Concen: 165.530 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

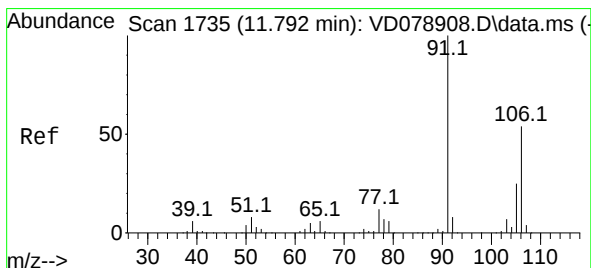
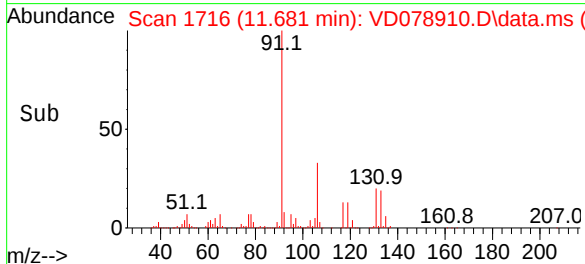
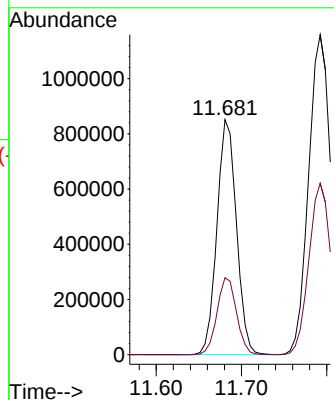
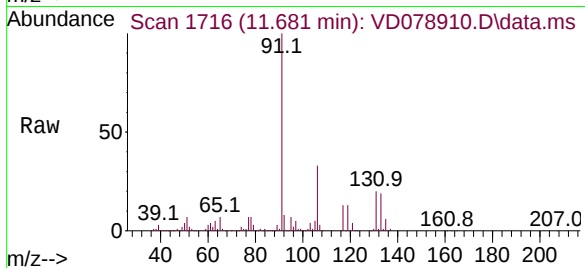
ClientSampleId :

Tgt Ion: 91 Resp: 1354389

Ion Ratio Lower Upper

91 100

106 32.7 25.8 38.6



#68

m/p-Xylenes

Concen: 336.963 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078910.D

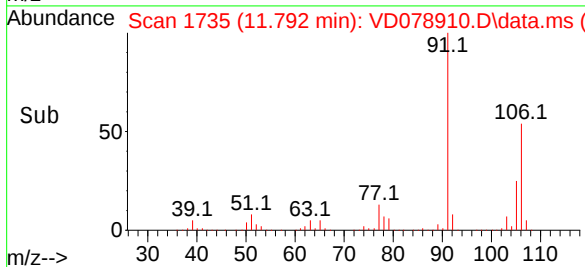
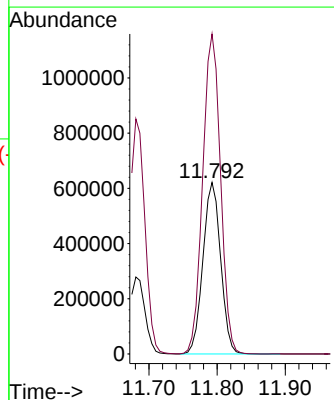
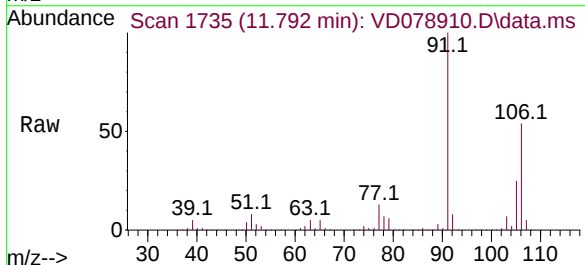
Acq: 13 May 2024 12:39

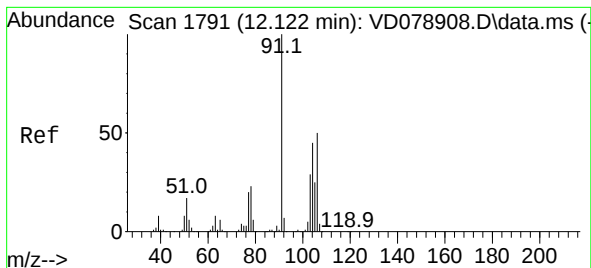
Tgt Ion:106 Resp: 1120920

Ion Ratio Lower Upper

106 100

91 188.0 148.5 222.7





#69

o-Xylene

Concen: 173.915 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

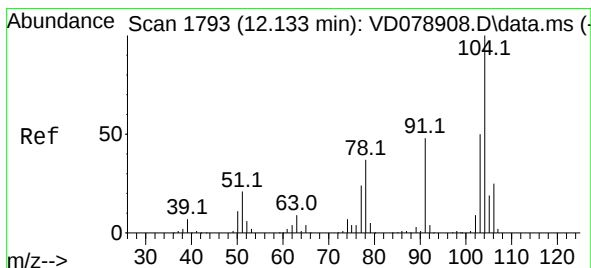
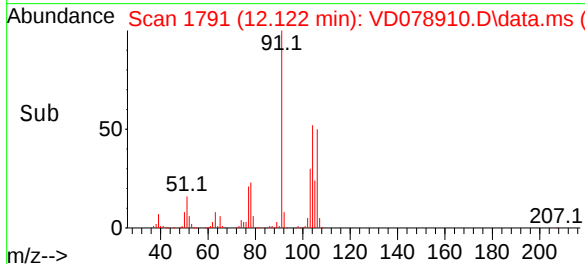
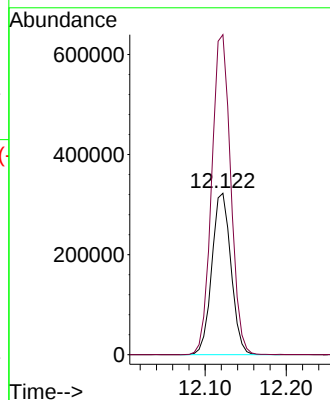
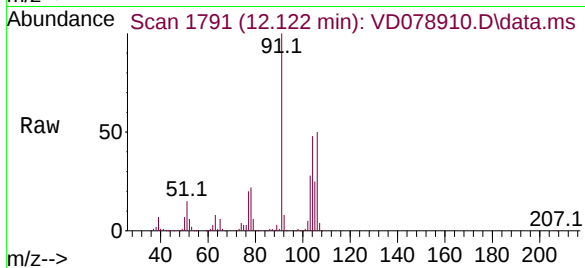
ClientSampleId :

Tgt Ion:106 Resp: 527429

Ion Ratio Lower Upper

106 100

91 197.6 96.7 290.1



#70

Styrene

Concen: 170.250 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

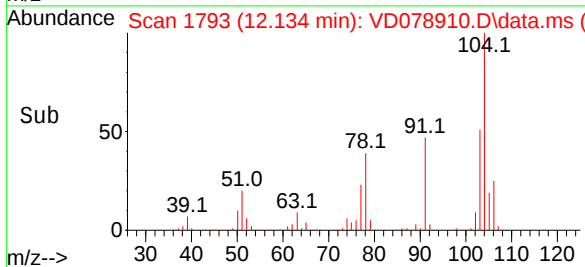
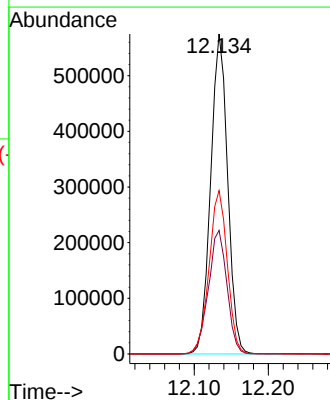
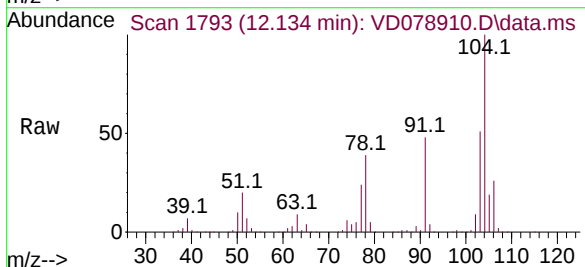
Tgt Ion:104 Resp: 915068

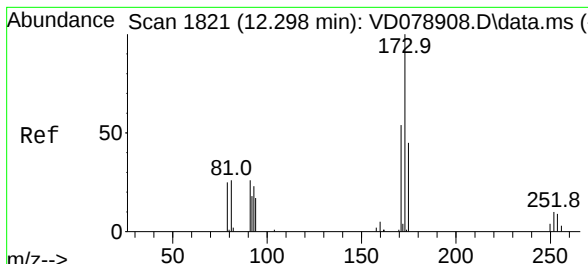
Ion Ratio Lower Upper

104 100

78 42.2 33.0 49.6

103 54.8 44.2 66.4

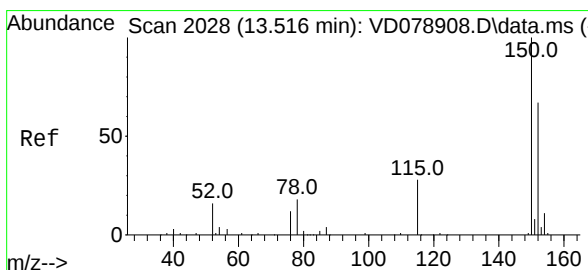
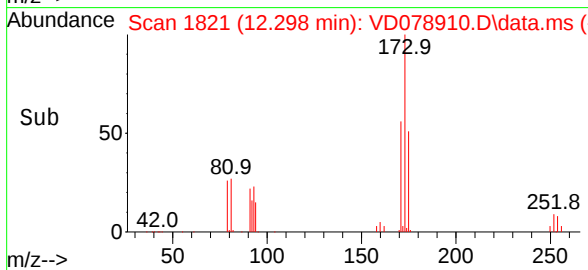
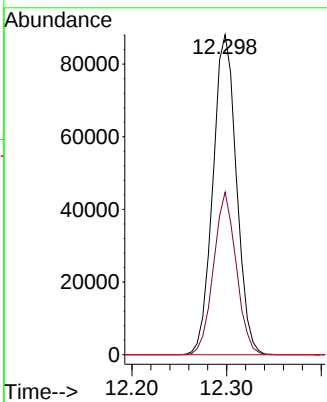
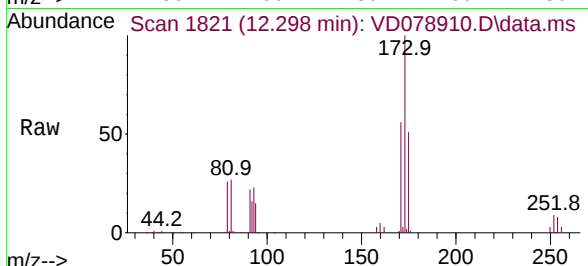




#71
Bromoform
Concen: 150.938 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

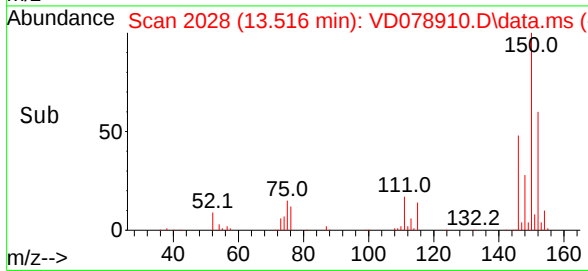
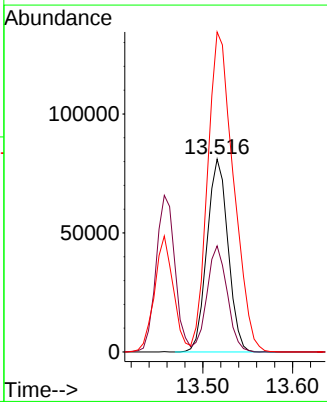
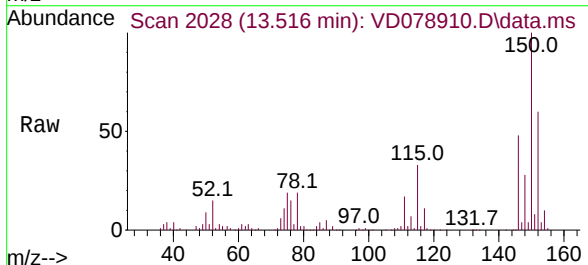
Instrument :
MSVOA_D
ClientSampleId :

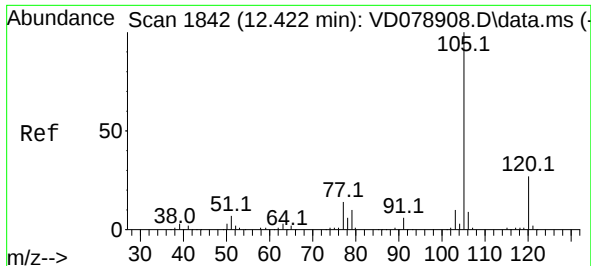
Tgt Ion:	173	Resp:	152053
Ion Ratio	Lower	Upper	
173	100		
175	48.9	23.7	71.1
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Tgt Ion:	152	Resp:	131832
Ion Ratio	Lower	Upper	
152	100		
115	53.0	26.5	79.5
150	204.1	0.0	341.6

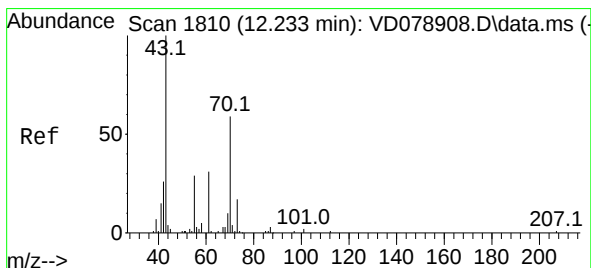
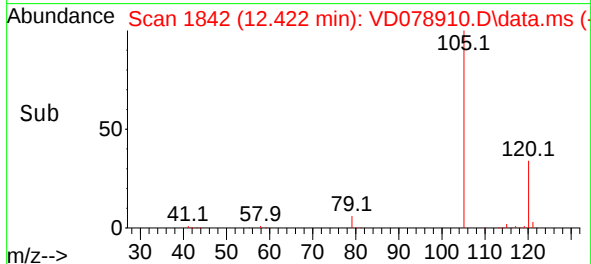
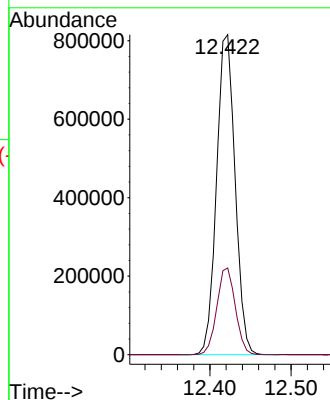
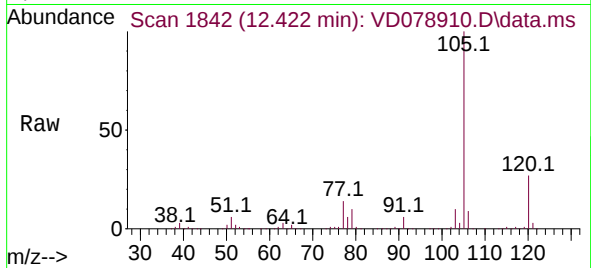




#73
Isopropylbenzene
Concen: 164.427 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

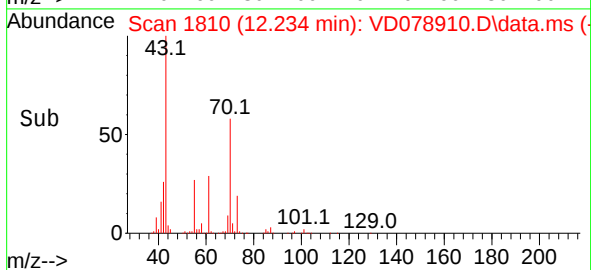
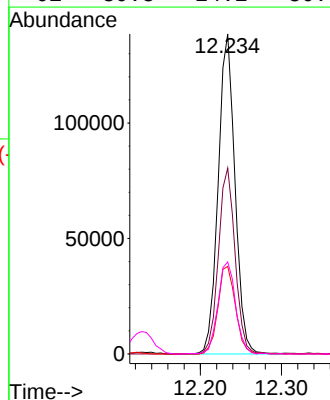
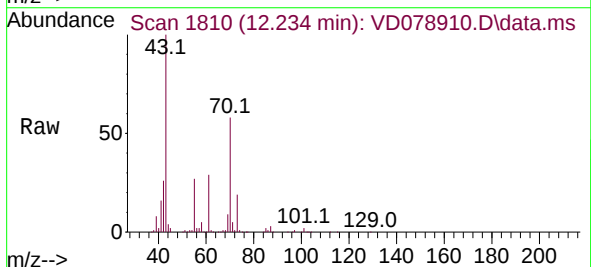
Instrument :
MSVOA_D
ClientSampleId :

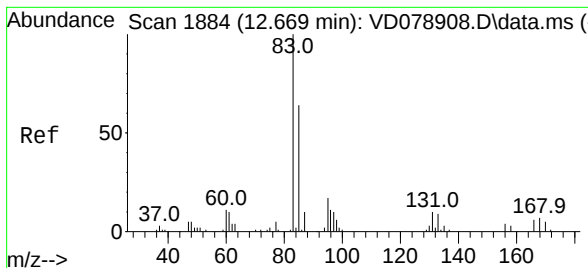
Tgt Ion:105 Resp: 1293789
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.7



#74
N-ethyl acetate
Concen: 156.345 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Tgt Ion: 43 Resp: 199610
Ion Ratio Lower Upper
43 100
70 57.5 44.3 66.5
55 28.5 23.2 34.8
61 30.3 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 141.759 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

ClientSampleId :

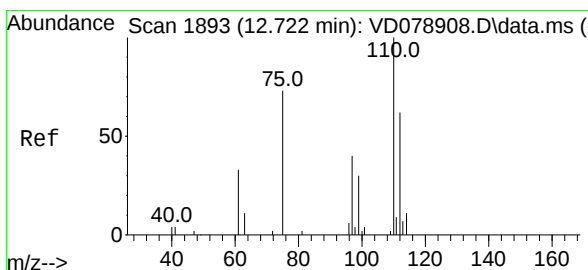
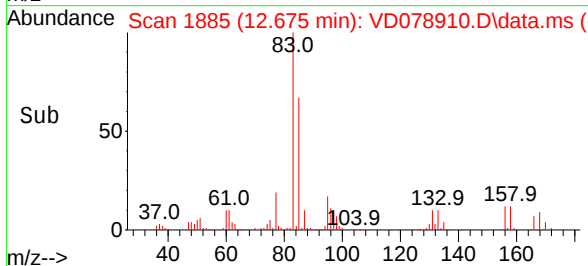
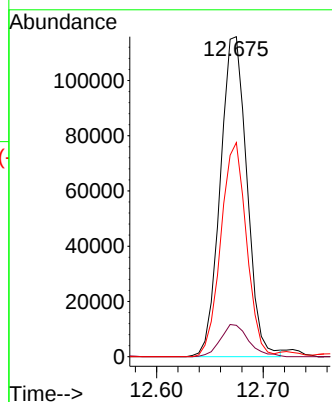
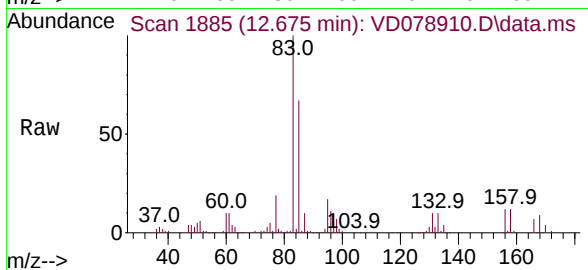
Tgt Ion: 83 Resp: 201199

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.5

85 64.4 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 271.996 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078910.D

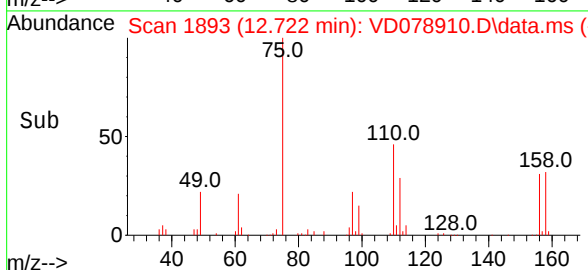
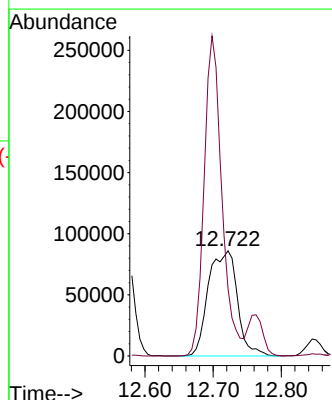
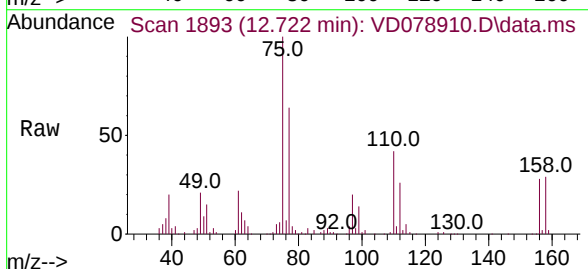
Acq: 13 May 2024 12:39

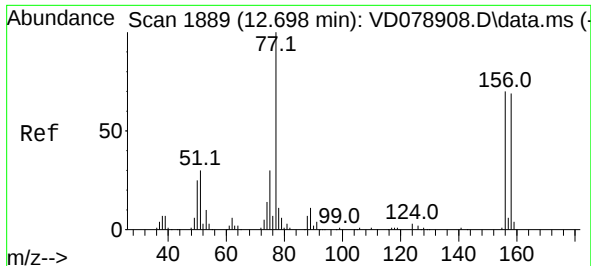
Tgt Ion: 75 Resp: 254299

Ion Ratio Lower Upper

75 100

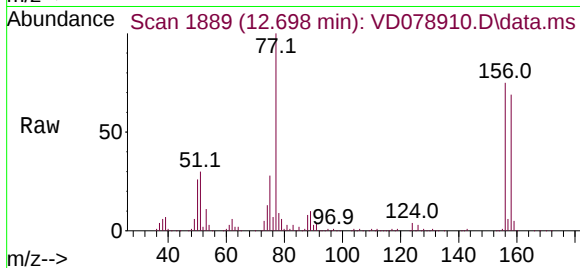
77 0.0 0.0 0.0



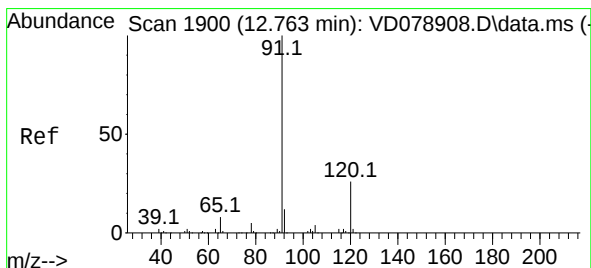
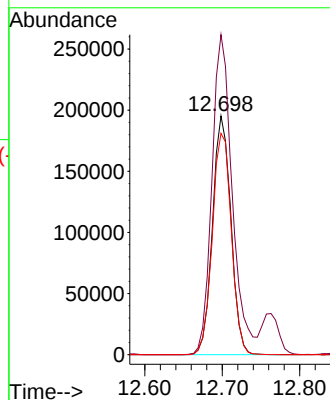
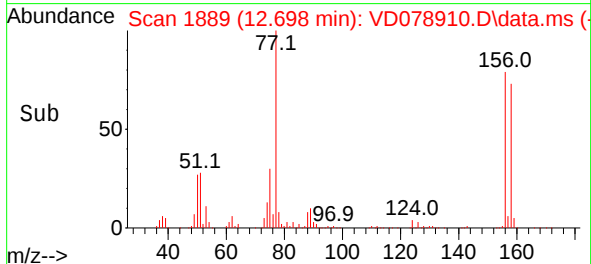


#77
Bromobenzene
Concen: 155.591 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

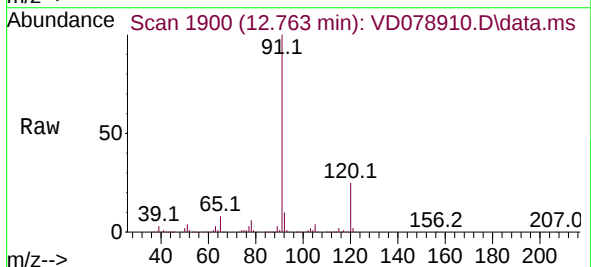
Instrument :
MSVOA_D
ClientSampleId :



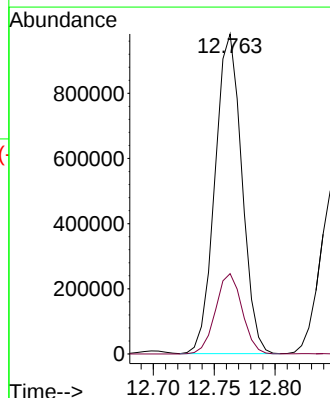
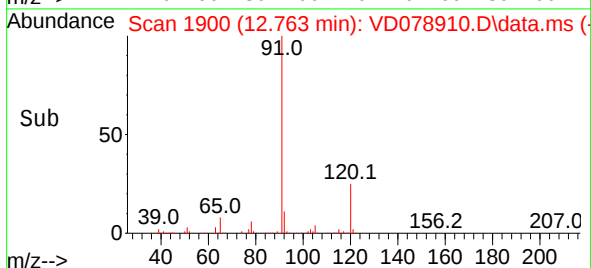
Tgt Ion:156 Resp: 321939
Ion Ratio Lower Upper
156 100
77 148.6 77.3 231.9
158 95.9 49.6 149.0

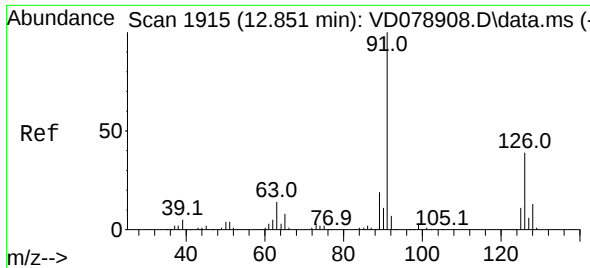


#78
n-propylbenzene
Concen: 158.227 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39



Tgt Ion: 91 Resp: 1504809
Ion Ratio Lower Upper
91 100
120 24.8 12.3 36.8

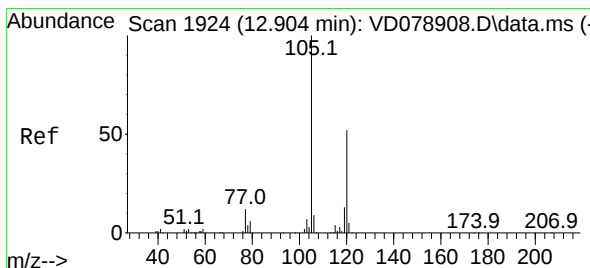
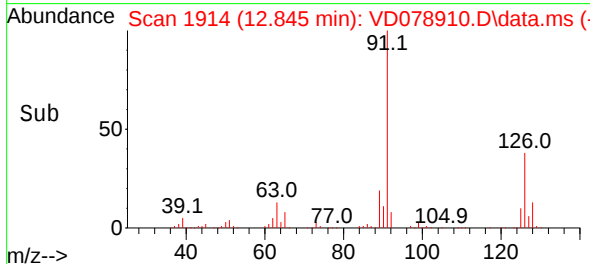
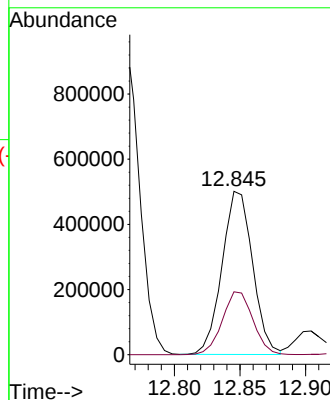
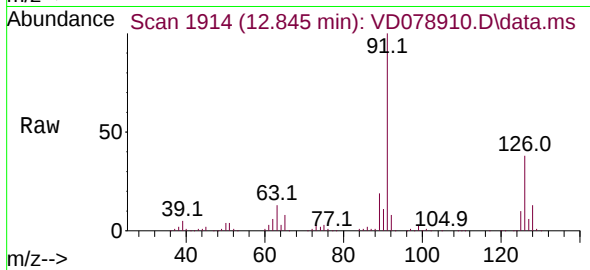




#79
2-Chlorotoluene
Concen: 153.877 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

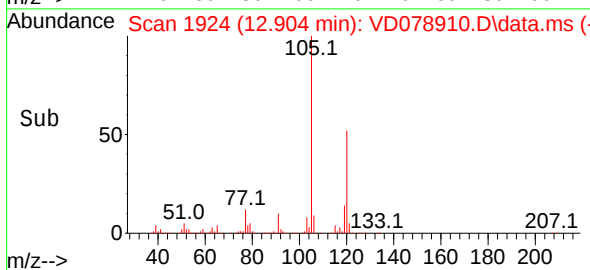
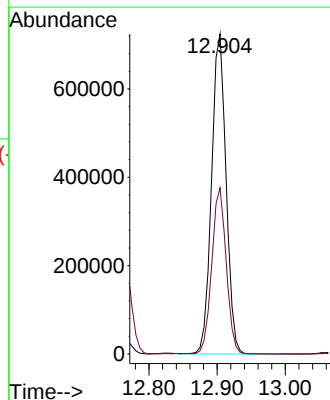
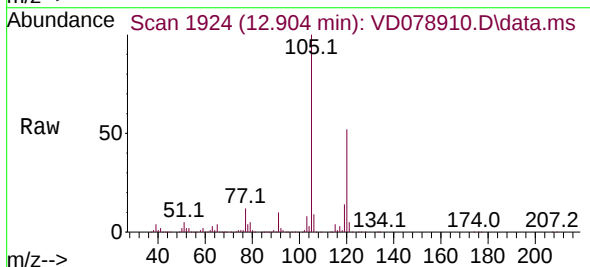
Instrument :
MSVOA_D
ClientSampleId :

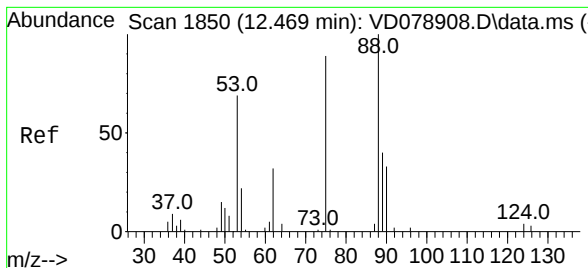
Tgt Ion: 91 Resp: 813383
Ion Ratio Lower Upper
91 100
126 38.6 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 164.373 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Tgt Ion:105 Resp: 1074549
Ion Ratio Lower Upper
105 100
120 51.6 25.7 77.1

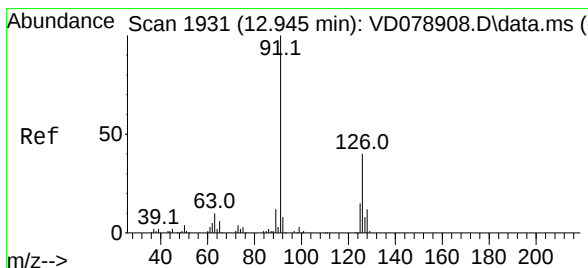
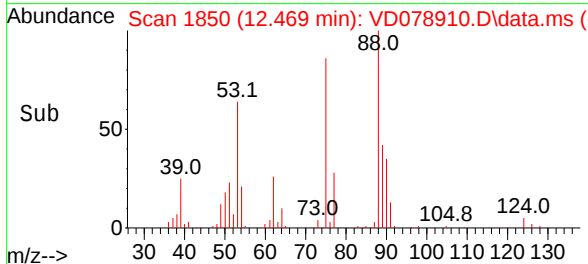
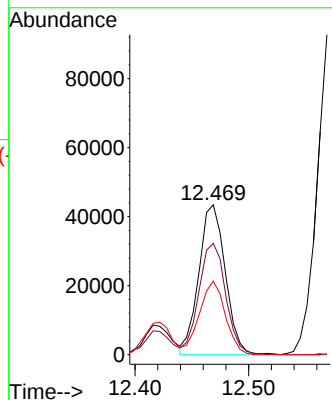
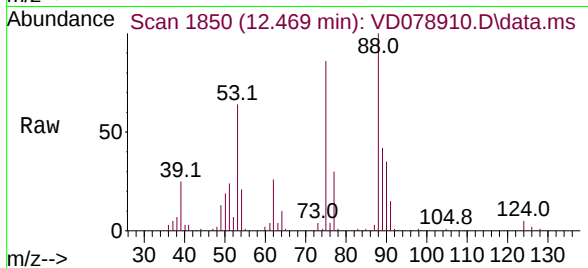




#81
trans-1,4-Dichloro-2-butene
Concen: 150.191 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

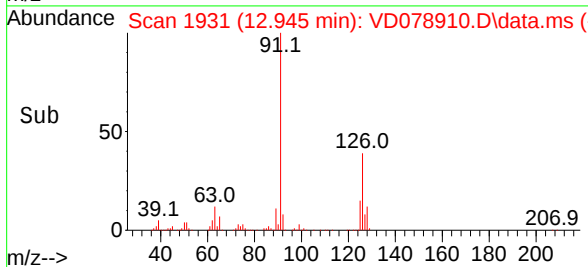
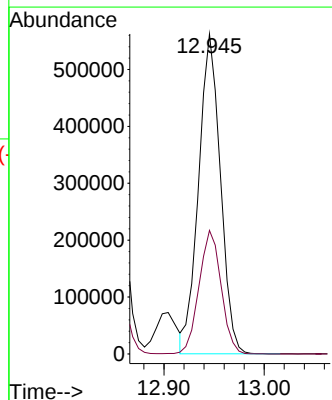
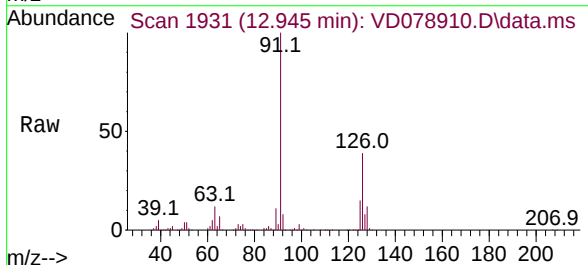
Instrument :
MSVOA_D
ClientSampleId :

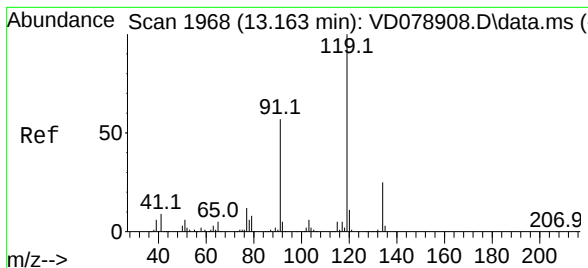
Tgt Ion: 75 Resp: 70293
Ion Ratio Lower Upper
75 100
53 75.6 61.4 92.2
89 48.2 35.4 53.0



#82
4-Chlorotoluene
Concen: 153.319 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Tgt Ion: 91 Resp: 850221
Ion Ratio Lower Upper
91 100
126 39.1 18.9 56.9





#83

tert-Butylbenzene

Concen: 163.225 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

ClientSampleId :

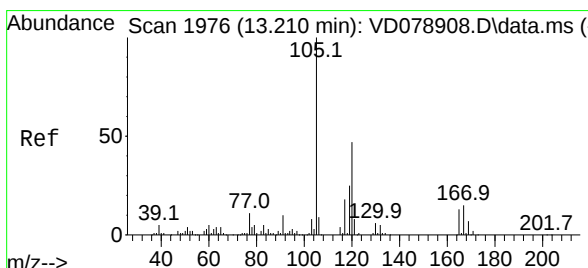
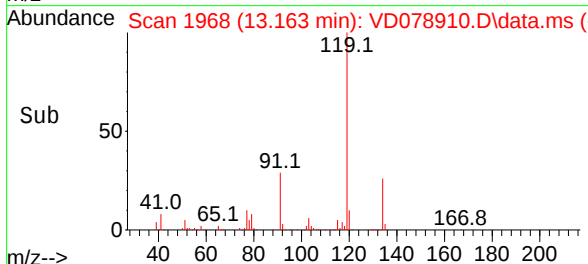
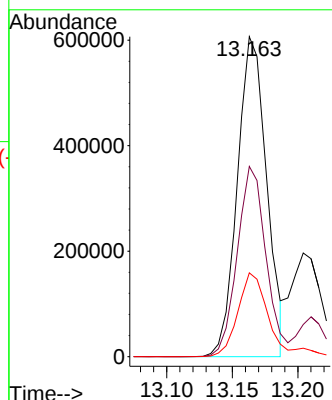
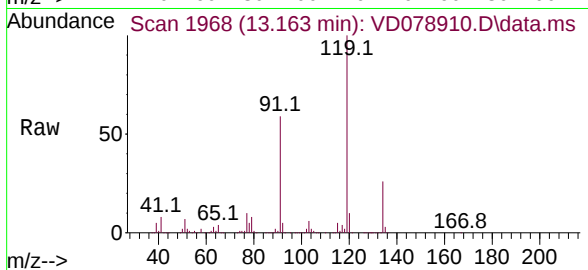
Tgt Ion:119 Resp: 943686

Ion Ratio Lower Upper

119 100

91 58.5 28.2 84.7

134 27.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 167.314 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078910.D

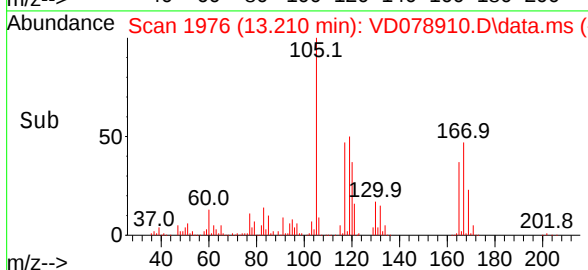
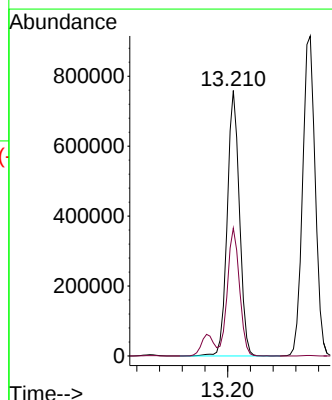
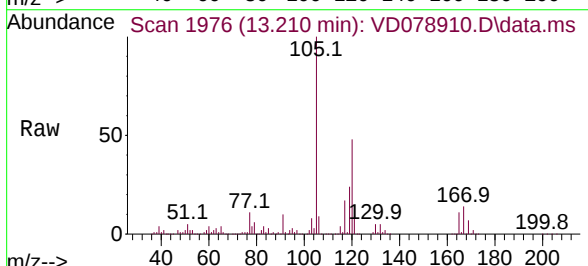
Acq: 13 May 2024 12:39

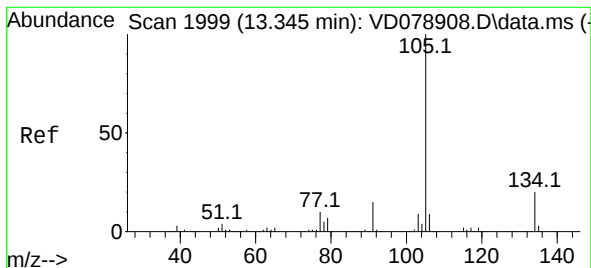
Tgt Ion:105 Resp: 1132948

Ion Ratio Lower Upper

105 100

120 47.9 23.6 71.0





#85

sec-Butylbenzene

Concen: 162.936 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min MSVOA_D

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

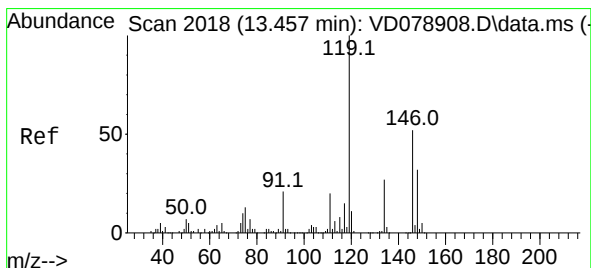
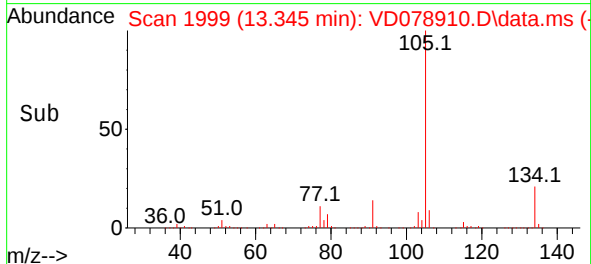
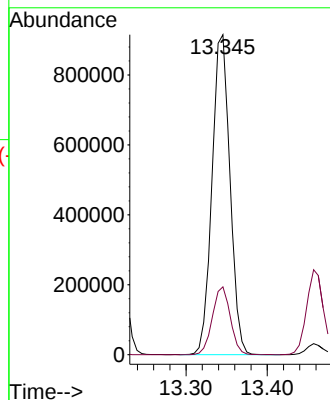
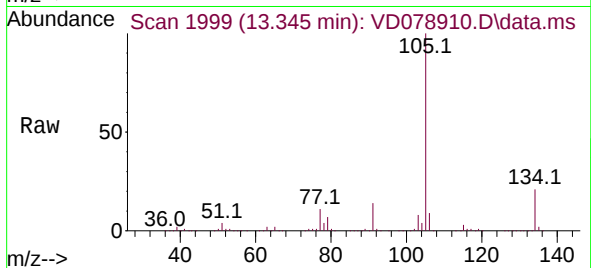
ClientSampleId :

Tgt Ion:105 Resp: 1405192

Ion Ratio Lower Upper

105 100

134 21.1 10.3 30.8



#86

p-Isopropyltoluene

Concen: 174.546 ug/l

RT: 13.457 min Scan# 1818

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

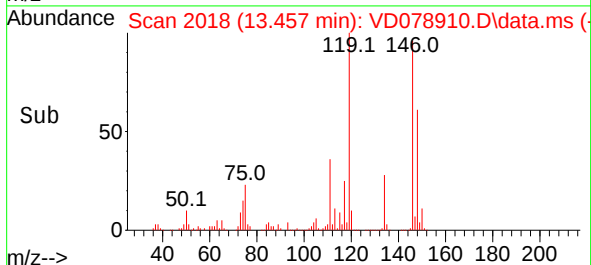
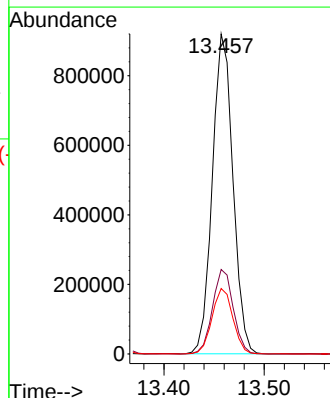
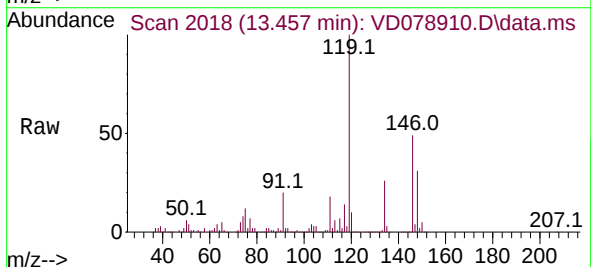
Tgt Ion:119 Resp: 1311508

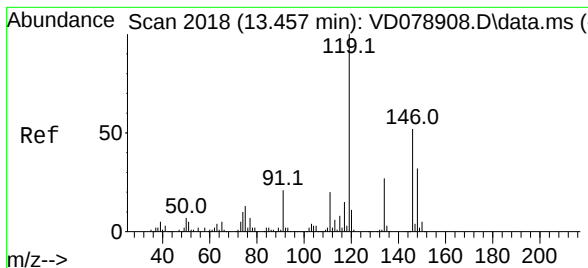
Ion Ratio Lower Upper

119 100

134 26.6 13.7 41.1

91 20.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 156.618 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

ClientSampleId :

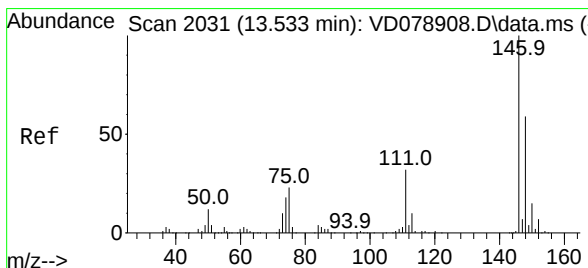
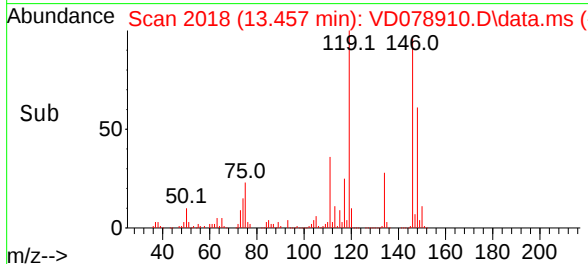
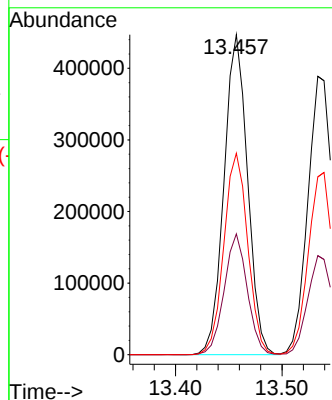
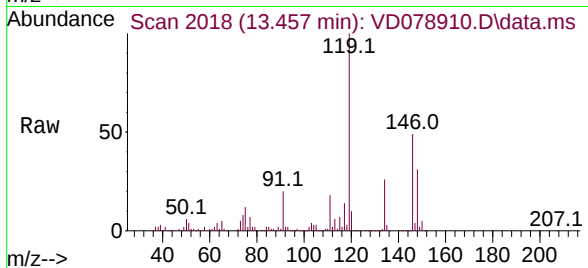
Tgt Ion:146 Resp: 685761

Ion Ratio Lower Upper

146 100

111 37.0 18.5 55.5

148 63.9 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 148.612 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

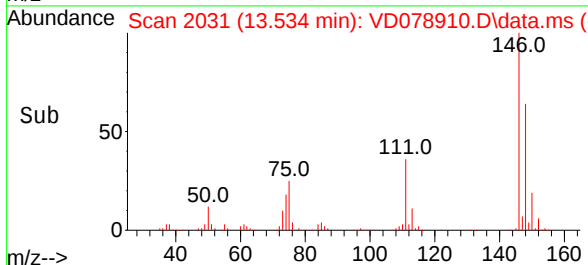
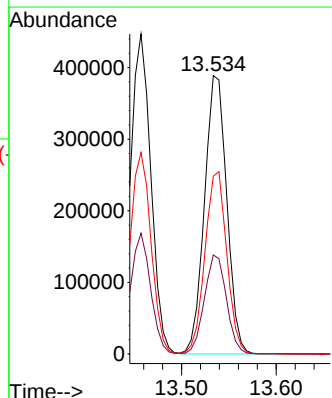
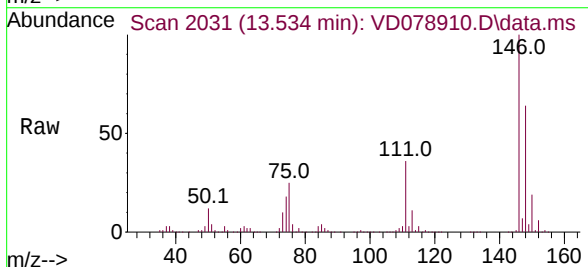
Tgt Ion:146 Resp: 637252

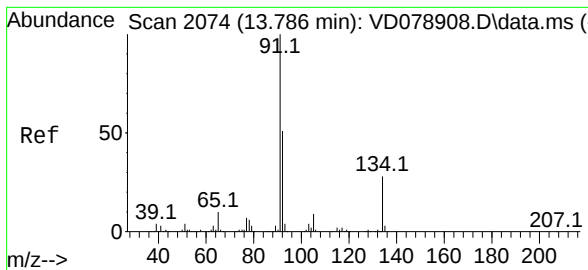
Ion Ratio Lower Upper

146 100

111 35.2 17.5 52.6

148 64.4 31.4 94.2

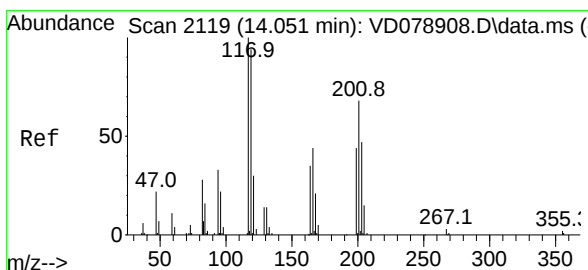
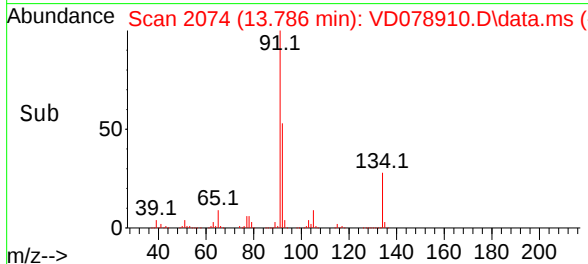
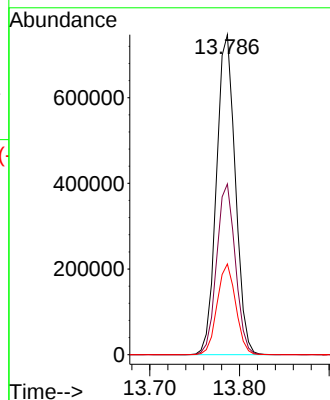
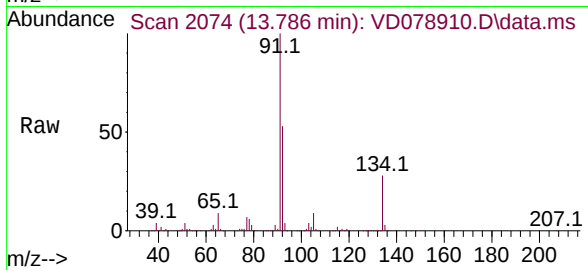




#89
n-Butylbenzene
Concen: 161.625 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

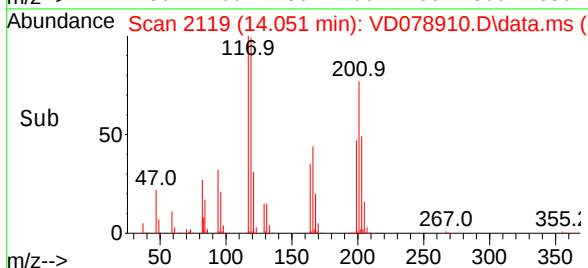
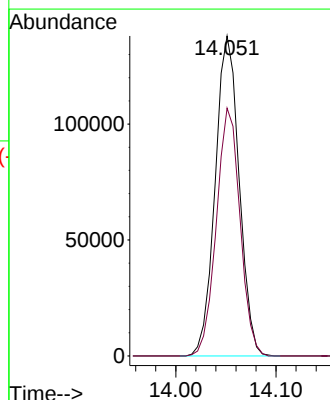
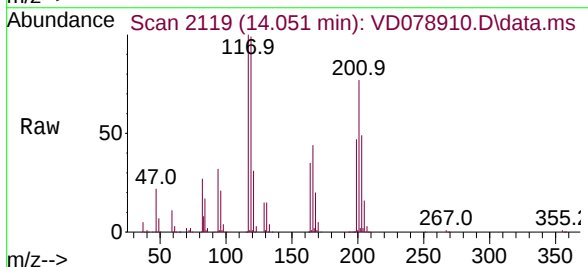
Instrument :
MSVOA_D
ClientSampleId :

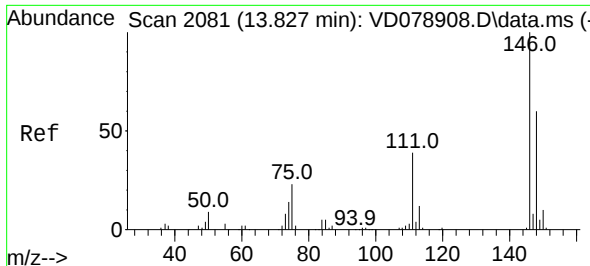
Tgt Ion: 91 Resp: 1088203
Ion Ratio Lower Upper
91 100
92 53.0 25.7 77.0
134 28.0 13.6 40.8



#90
Hexachloroethane
Concen: 144.463 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

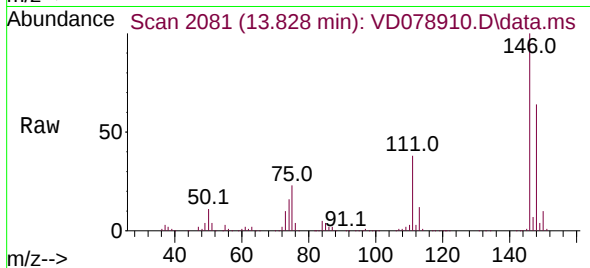
Tgt Ion:117 Resp: 228962
Ion Ratio Lower Upper
117 100
201 76.4 36.3 108.9



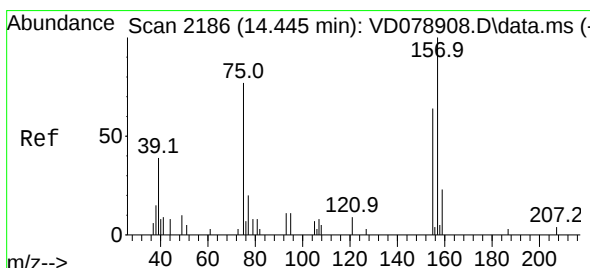
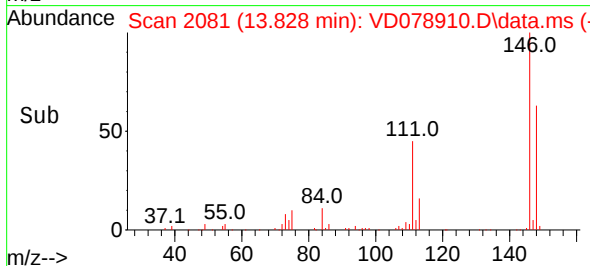
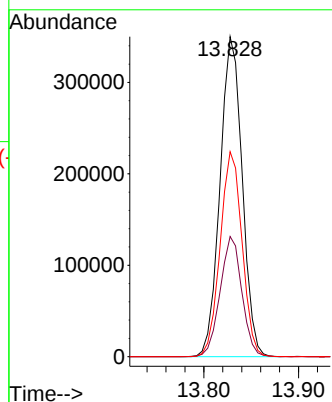


#91
1,2-Dichlorobenzene
Concen: 155.358 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Instrument :
MSVOA_D
ClientSampleId :

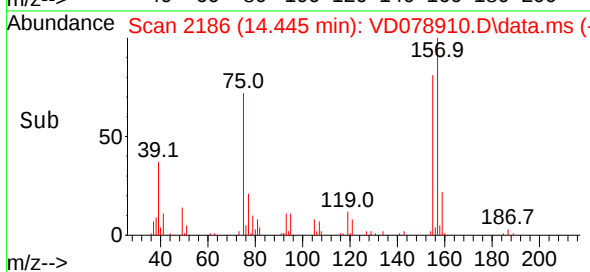
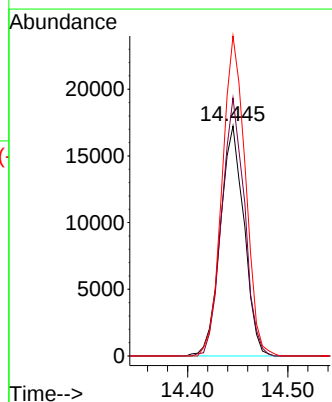
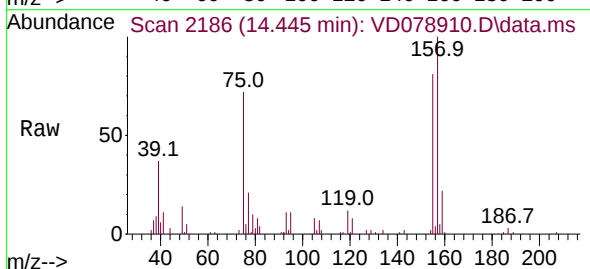


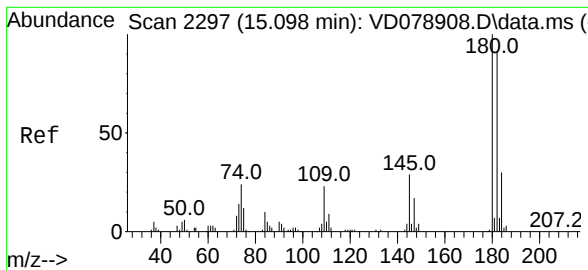
Tgt Ion:146 Resp: 569165
Ion Ratio Lower Upper
146 100
111 36.9 19.1 57.1
148 63.4 31.1 93.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 149.943 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

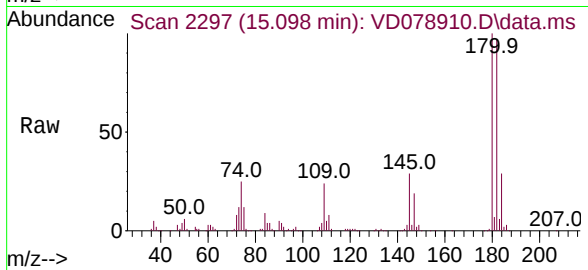
Tgt Ion: 75 Resp: 28332
Ion Ratio Lower Upper
75 100
155 107.4 47.7 143.1
157 136.3 63.4 190.2



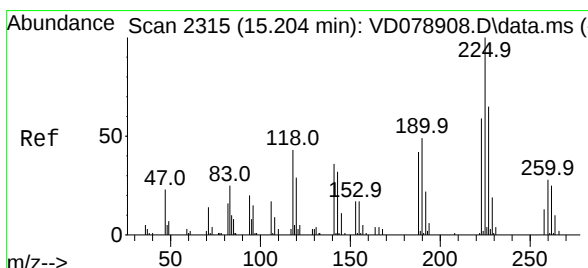
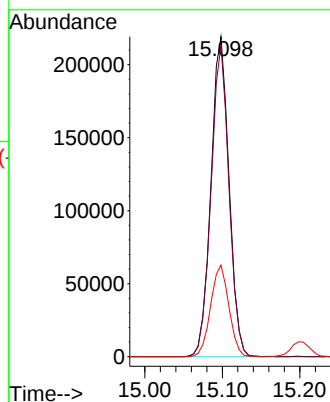
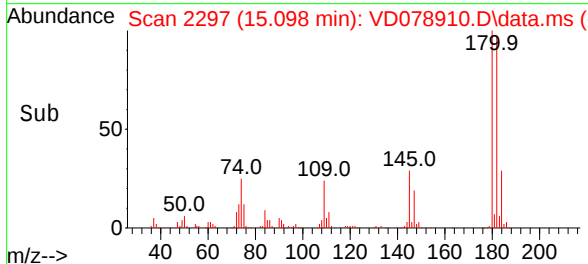


#93
1,2,4-Trichlorobenzene
Concen: 164.701 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Instrument :
MSVOA_D
ClientSampleId :

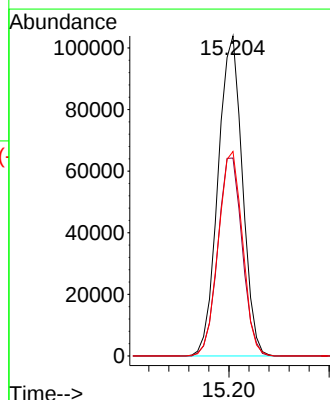
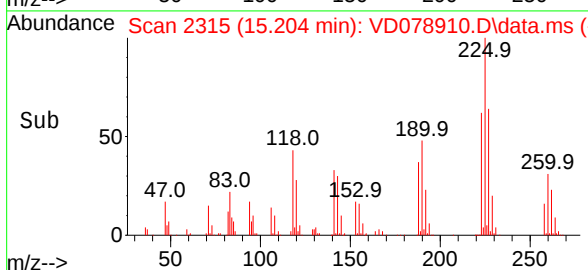
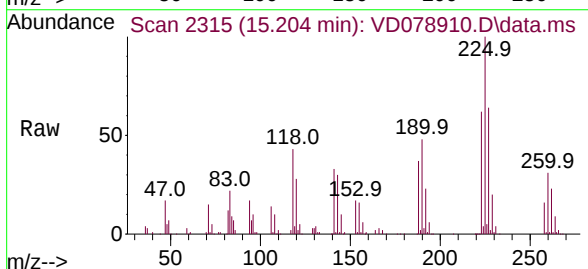


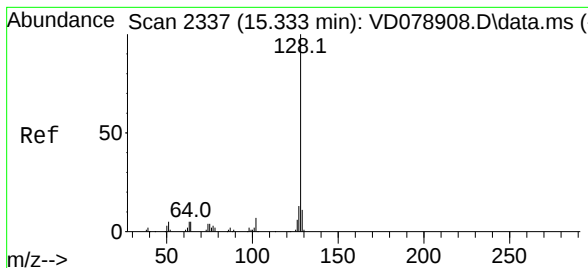
Tgt Ion:180 Resp: 354283
Ion Ratio Lower Upper
180 100
182 96.1 46.9 140.7
145 28.8 14.0 41.9



#94
Hexachlorobutadiene
Concen: 155.711 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD078910.D
Acq: 13 May 2024 12:39

Tgt Ion:225 Resp: 175042
Ion Ratio Lower Upper
225 100
223 62.2 33.3 99.9
227 63.7 33.6 100.6





#95

Naphthalene

Concen: 181.728 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.005 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Instrument :

MSVOA_D

ClientSampleId :

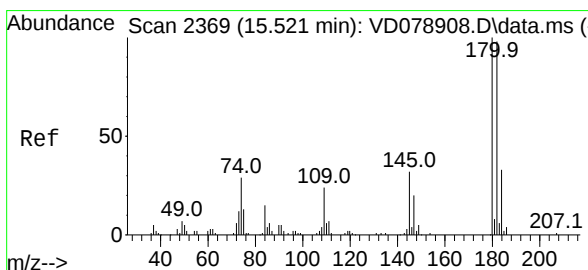
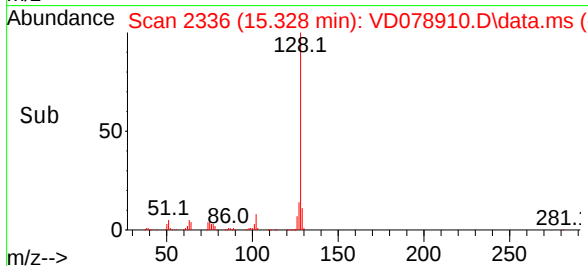
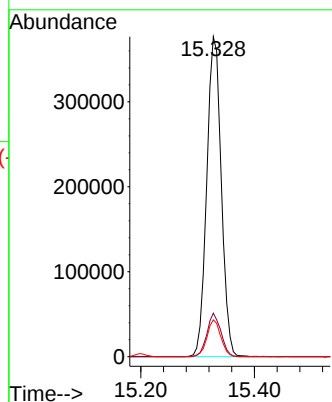
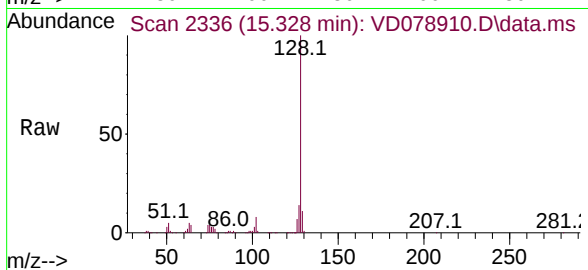
Tgt Ion:128 Resp: 665867

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 11.5 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 163.256 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078910.D

Acq: 13 May 2024 12:39

Tgt Ion:180 Resp: 312389

Ion Ratio Lower Upper

180 100

182 94.7 47.8 143.3

145 30.6 16.1 48.2

