

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079577.D
 Acq On : 05 Aug 2024 13:37
 Operator : RP/MD
 Sample : VD0805SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 06 02:44:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	227119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	411097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	371830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	185307	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	116925	50.676	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.360%
35) Dibromofluoromethane	7.805	113	122740	44.111	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.220%
50) Toluene-d8	10.269	98	498832	46.165	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.320%
62) 4-Bromofluorobenzene	12.569	95	143275	45.820	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.640%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	32746	18.401	ug/l	99
3) Chloromethane	2.146	50	59716	18.212	ug/l	95
4) Vinyl Chloride	2.281	62	71899	18.442	ug/l	96
5) Bromomethane	2.675	94	49554	18.477	ug/l	96
6) Chloroethane	2.828	64	44304	17.685	ug/l #	89
7) Trichlorofluoromethane	3.164	101	75198	19.395	ug/l	96
8) Diethyl Ether	3.593	74	23317	19.909	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.958	101	46436	18.937	ug/l	97
10) Methyl Iodide	4.158	142	47990	17.597	ug/l	99
11) Tert butyl alcohol	5.058	59	13719	130.124	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	45501	18.542	ug/l	88
13) Acrolein	3.793	56	17160	97.152	ug/l	85
14) Allyl chloride	4.558	41	67430	20.809	ug/l #	85
15) Acrylonitrile	5.252	53	59713	109.109	ug/l	95
16) Acetone	4.022	43	43182	96.301	ug/l	98
17) Carbon Disulfide	4.269	76	127937	15.794	ug/l	99
18) Methyl Acetate	4.564	43	29138	20.929	ug/l #	87
19) Methyl tert-butyl Ether	5.322	73	104665	20.895	ug/l	91
20) Methylene Chloride	4.793	84	64120	5.572	ug/l #	86
21) trans-1,2-Dichloroethene	5.311	96	51874	18.817	ug/l	86
22) Diisopropyl ether	6.216	45	158054	21.922	ug/l #	93
23) Vinyl Acetate	6.152	43	571739	105.489	ug/l #	90
24) 1,1-Dichloroethane	6.105	63	97391	20.157	ug/l	94
25) 2-Butanone	7.081	43	64893	102.078	ug/l	88
26) 2,2-Dichloropropane	7.069	77	76896	19.676	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	61213	19.426	ug/l	88
28) Bromochloromethane	7.428	49	42561	20.088	ug/l #	69
29) Tetrahydrofuran	7.452	42	42853	108.772	ug/l #	79
30) Chloroform	7.593	83	99638	20.364	ug/l	95
31) Cyclohexane	7.881	56	70115	18.297	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	79640	19.725	ug/l	97
36) 1,1-Dichloropropene	8.010	75	65697	17.299	ug/l	98
37) Ethyl Acetate	7.163	43	28378	18.225	ug/l	99
38) Carbon Tetrachloride	7.993	117	70823	17.739	ug/l	99
39) Methylcyclohexane	9.275	83	73412	16.201	ug/l	91
40) Benzene	8.252	78	216024	17.909	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	14489	16.916	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	53703	18.683	ug/l	95
43) Isopropyl Acetate	8.363	43	57791	19.748	ug/l #	93
44) Trichloroethene	9.028	130	51899	17.284	ug/l	97
45) 1,2-Dichloropropane	9.305	63	55568	18.930	ug/l	99
46) Dibromomethane	9.393	93	28325	17.405	ug/l	92
47) Bromodichloromethane	9.581	83	74953	18.757	ug/l	99
48) Methyl methacrylate	9.381	41	25420	19.409	ug/l	83
49) 1,4-Dioxane	9.381	88	5748	340.872	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	147543	98.750	ug/l	95
52) Toluene	10.334	92	135075	18.106	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	68903	18.672	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	81081	18.267	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	40852	19.057	ug/l	95
56) Ethyl methacrylate	10.599	69	48163	18.961	ug/l	89
57) 1,3-Dichloropropane	10.875	76	69904	19.190	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	102279	87.313	ug/l	89
59) 2-Hexanone	10.922	43	104440	100.228	ug/l	93
60) Dibromochloromethane	11.075	129	50753	18.123	ug/l	98
61) 1,2-Dibromoethane	11.175	107	36749	18.298	ug/l	99
64) Tetrachloroethene	10.804	164	41542	16.569	ug/l	93
65) Chlorobenzene	11.604	112	148919	18.086	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	50553	18.661	ug/l	99
67) Ethyl Benzene	11.681	91	248071	18.404	ug/l	99
68) m/p-Xylenes	11.793	106	198029	37.031	ug/l	93
69) o-Xylene	12.116	106	91526	18.672	ug/l	94
70) Styrene	12.134	104	160647	18.694	ug/l	97
71) Bromoform	12.298	173	28063	18.324	ug/l #	96
73) Isopropylbenzene	12.416	105	235849	19.388	ug/l	100
74) N-amyl acetate	12.234	43	55399	20.326	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	46792	19.437	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	57656	35.595	ug/l #	100
77) Bromobenzene	12.698	156	55235	17.777	ug/l	83
78) n-propylbenzene	12.757	91	296925	19.169	ug/l	97
79) 2-Chlorotoluene	12.846	91	163742	18.985	ug/l	96
80) 1,3,5-Trimethylbenzene	12.898	105	195587	18.948	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	16497	19.425	ug/l	95
82) 4-Chlorotoluene	12.946	91	175096	19.474	ug/l	96
83) tert-Butylbenzene	13.163	119	169244	19.326	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	198898	19.381	ug/l	99
85) sec-Butylbenzene	13.340	105	258151	18.802	ug/l	99
86) p-Isopropyltoluene	13.457	119	218020	19.363	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	116891	18.161	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	117094	18.505	ug/l	98
89) n-Butylbenzene	13.787	91	203521	19.463	ug/l	98
90) Hexachloroethane	14.051	117	43564	18.141	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	102884	18.704	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6550	20.449	ug/l	84
93) 1,2,4-Trichlorobenzene	15.098	180	60853	17.558	ug/l	98
94) Hexachlorobutadiene	15.198	225	32620	17.439	ug/l	96
95) Naphthalene	15.328	128	112197	18.704	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	52815	17.324	ug/l	99

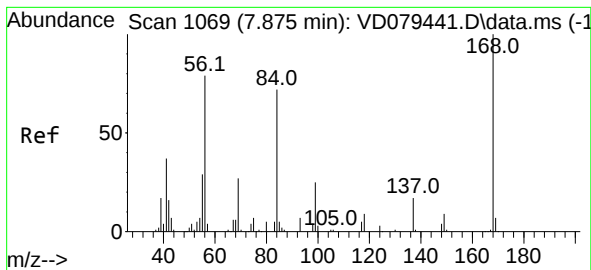
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079577.D

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Instrument :

MSVOA_D

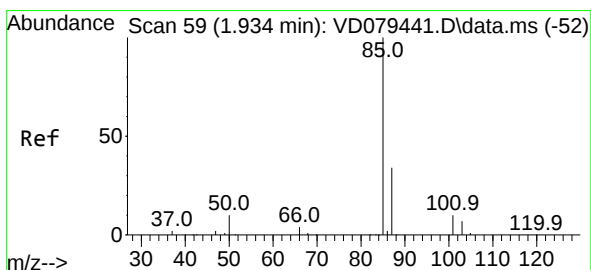
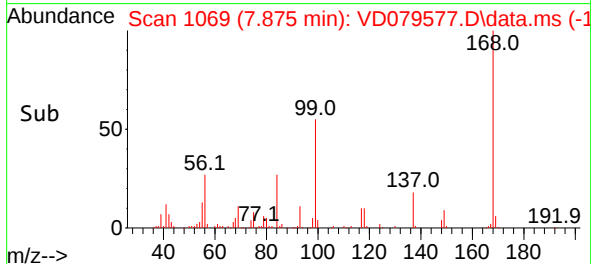
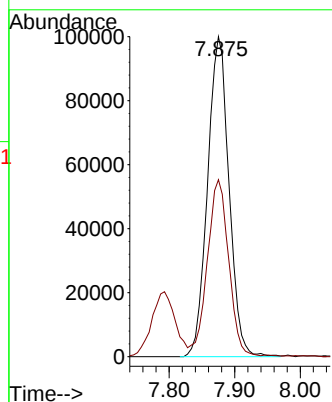
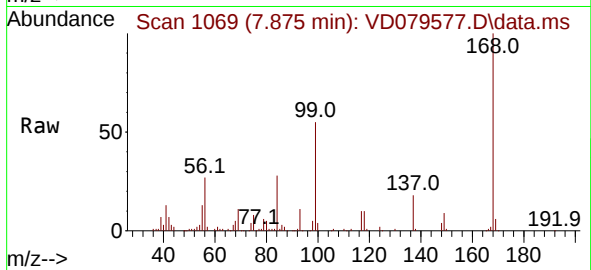
ClientSampleId :

Tgt Ion:168 Resp: 227119

Ion Ratio Lower Upper

168 100

99 55.1 41.1 61.7



#2

Dichlorodifluoromethane

Concen: 18.401 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD079577.D

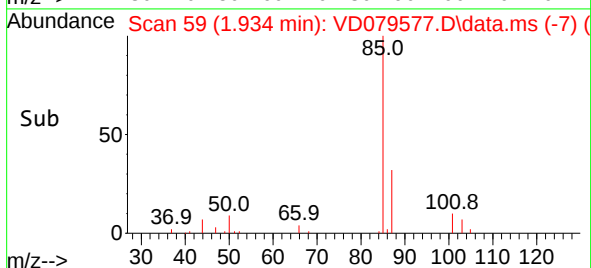
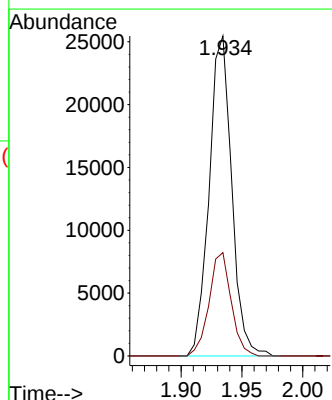
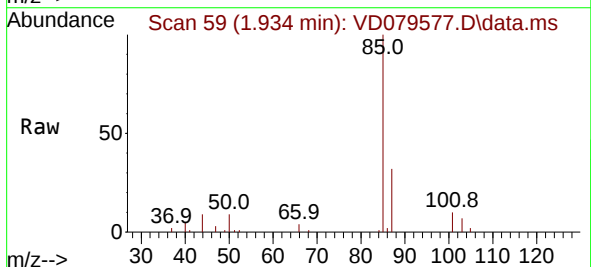
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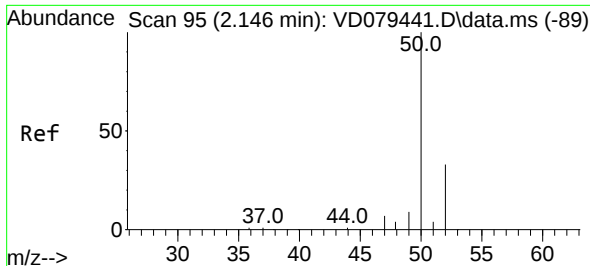
Tgt Ion: 85 Resp: 32746

Ion Ratio Lower Upper

85 100

87 32.3 16.0 48.0

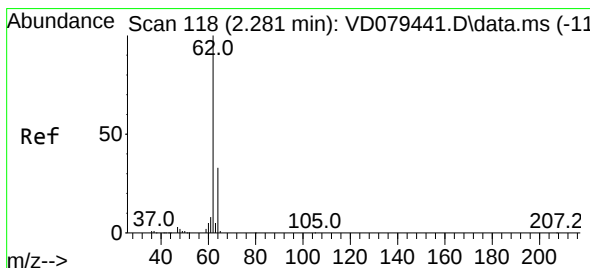
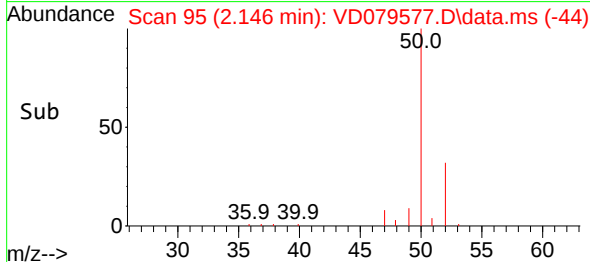
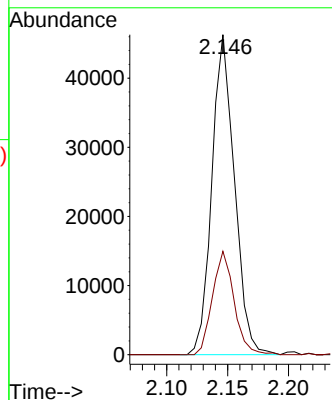
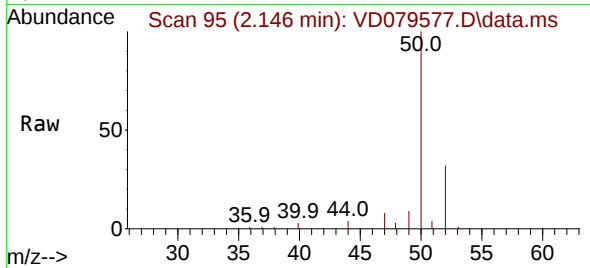




#3
Chloromethane
Concen: 18.212 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

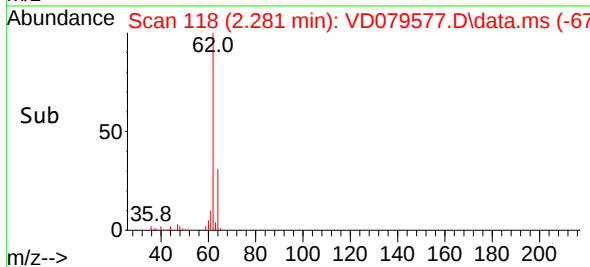
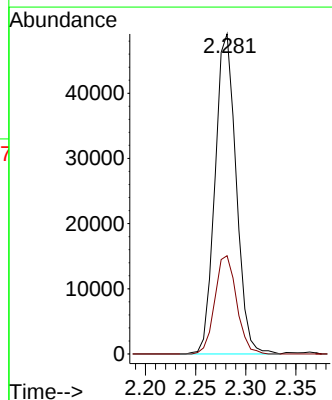
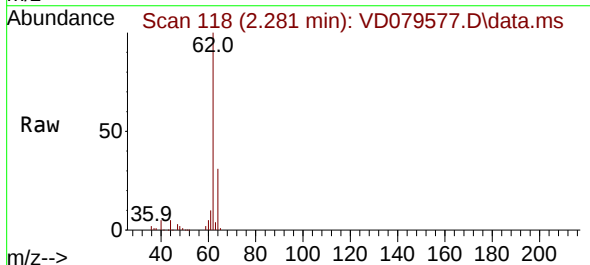
Instrument :
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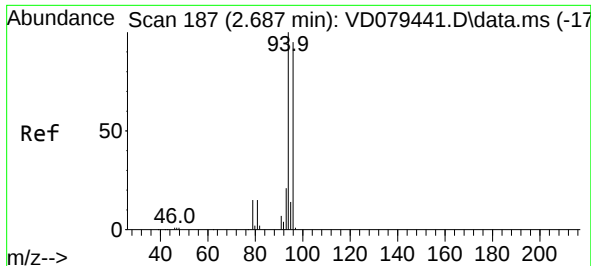
Tgt Ion: 50 Resp: 59716
Ion Ratio Lower Upper
50 100
52 32.3 28.2 42.2



#4
Vinyl Chloride
Concen: 18.442 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

Tgt Ion: 62 Resp: 71899
Ion Ratio Lower Upper
62 100
64 30.7 26.3 39.5

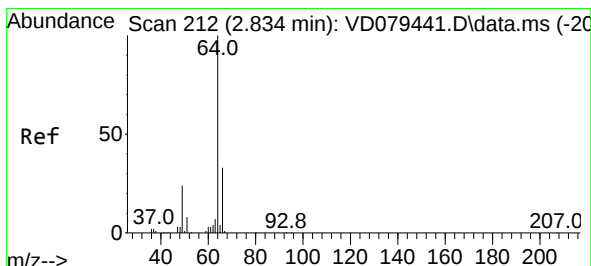
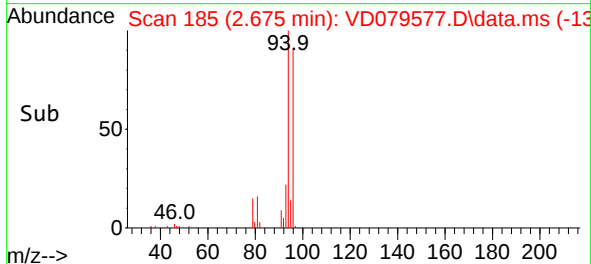
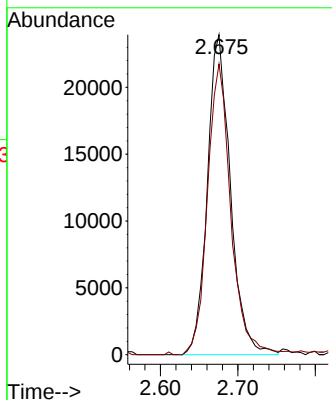
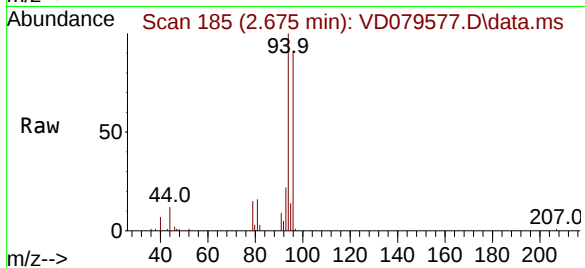




#5
Bromomethane
Concen: 18.477 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

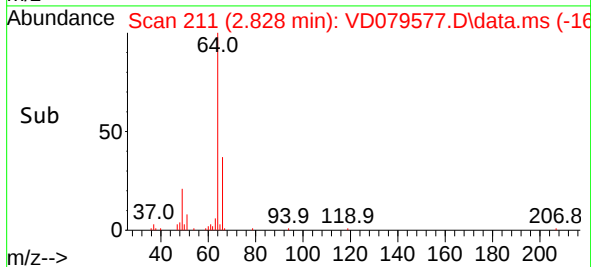
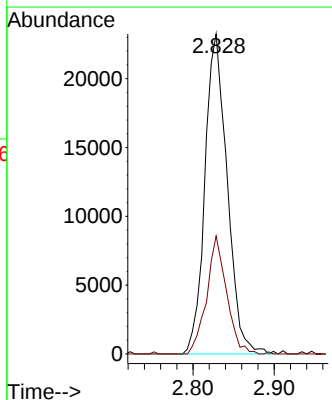
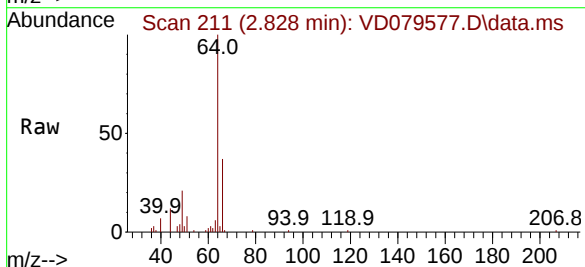
Instrument :
MSVOA_D
ClientSampleId :

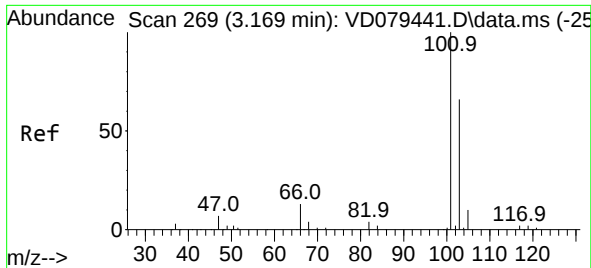
Tgt Ion: 94 Resp: 49554
Ion Ratio Lower Upper
94 100
96 92.3 76.9 115.3



#6
Chloroethane
Concen: 17.685 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

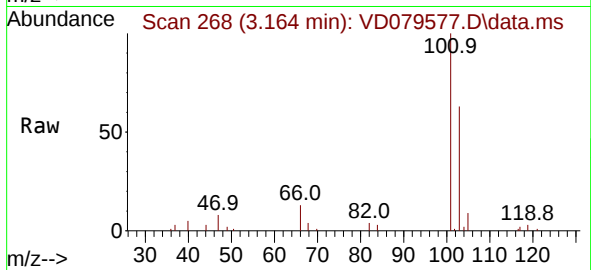
Tgt Ion: 64 Resp: 44304
Ion Ratio Lower Upper
64 100
66 36.8 24.5 36.7#



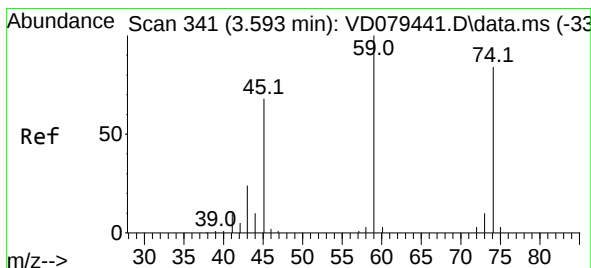
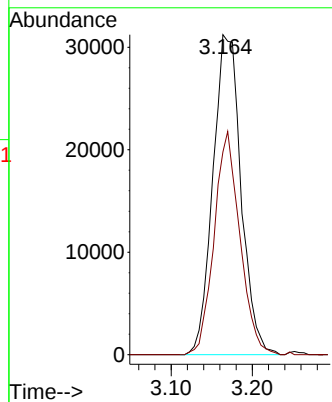
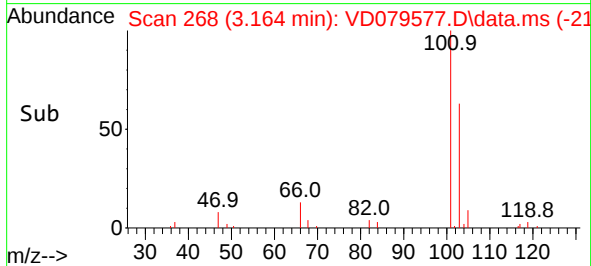


#7
 Trichlorofluoromethane
 Concen: 19.395 ug/l
 RT: 3.164 min Scan# 269
 Delta R.T. -0.006 min
 Lab File: VD079577.D
 Acq: 05 Aug 2024 13:37

Instrument :
 MSVOA_D
 ClientSampleId :

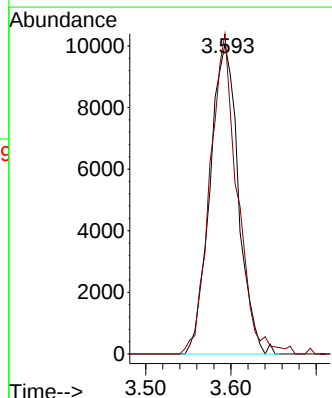
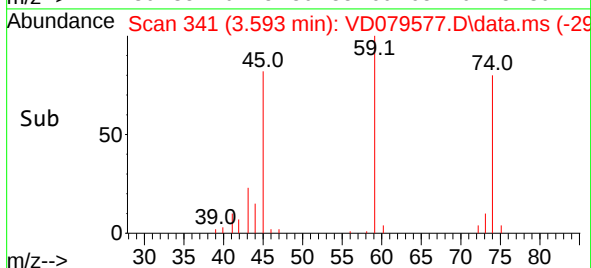
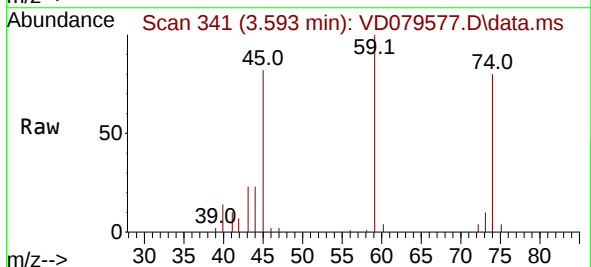


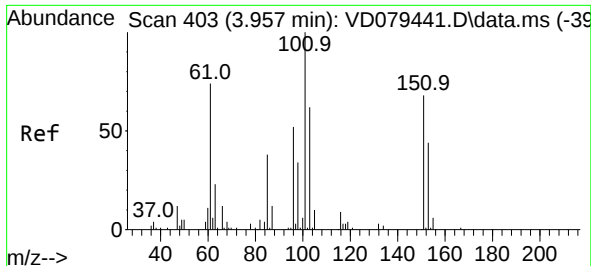
Tgt Ion:101 Resp: 75198
 Ion Ratio Lower Upper
 101 100
 103 63.4 53.2 79.8



#8
 Diethyl Ether
 Concen: 19.909 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD079577.D
 Acq: 05 Aug 2024 13:37

Tgt Ion: 74 Resp: 23317
 Ion Ratio Lower Upper
 74 100
 45 100.0 37.9 113.6

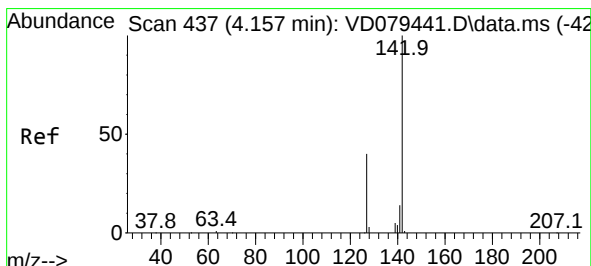
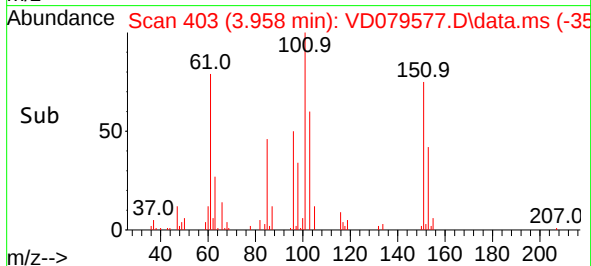
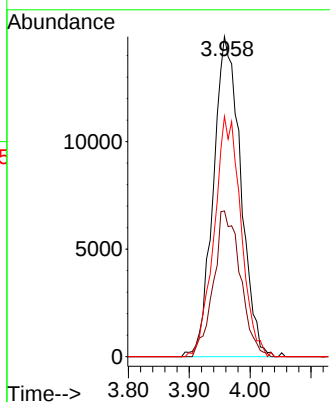
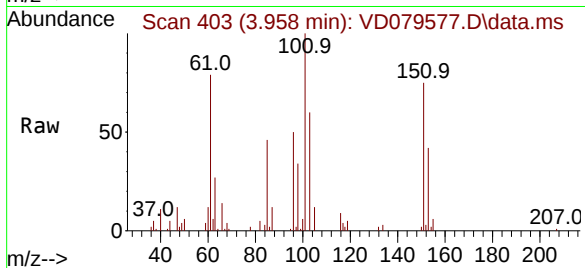




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.937 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD079577.D
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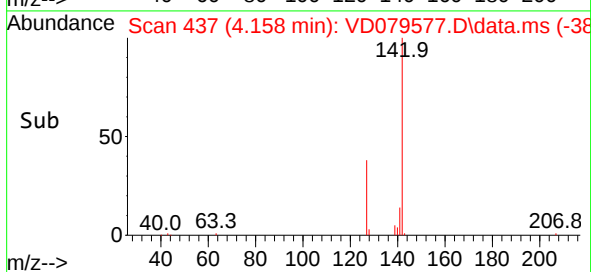
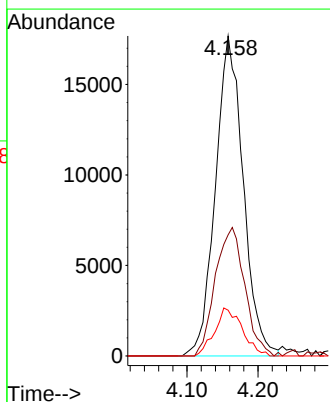
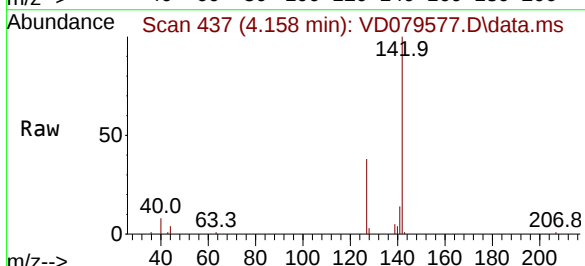
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 46436
Ion Ratio Lower Upper
101 100
85 44.6 33.5 50.3
151 73.6 60.3 90.5



#10
Methyl Iodide
Concen: 17.597 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.006 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

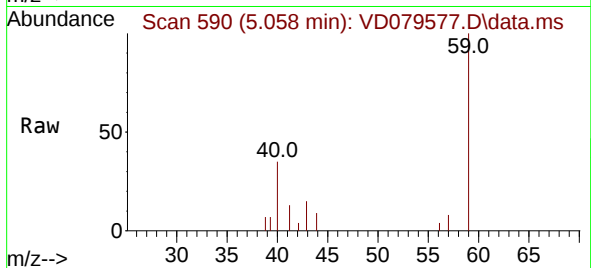
Tgt Ion:142 Resp: 47990
Ion Ratio Lower Upper
142 100
127 42.5 34.2 51.4
141 14.9 11.7 17.5



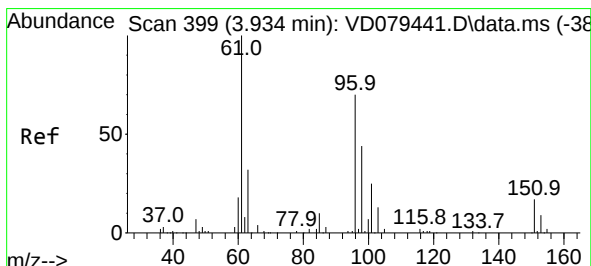
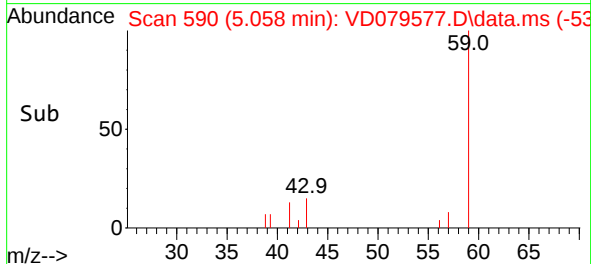
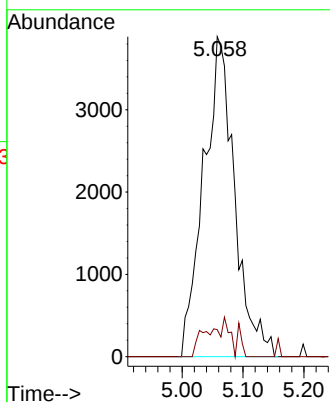


#11
Tert butyl alcohol
Concen: 130.124 ug/l
RT: 5.058 min Scan# 59
Delta R.T. 0.012 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

Instrument :
MSVOA_D
ClientSampleId :

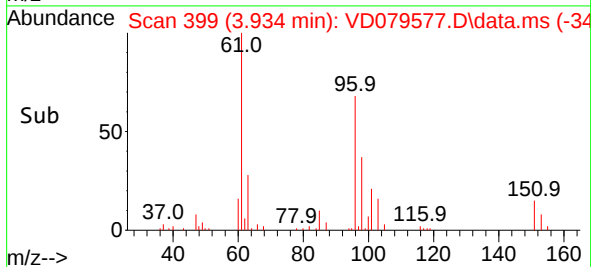
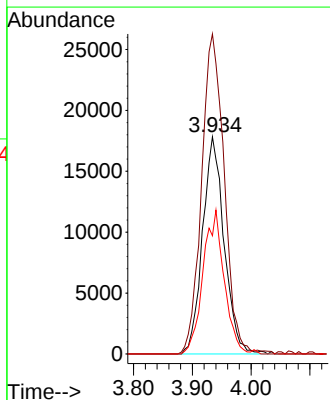
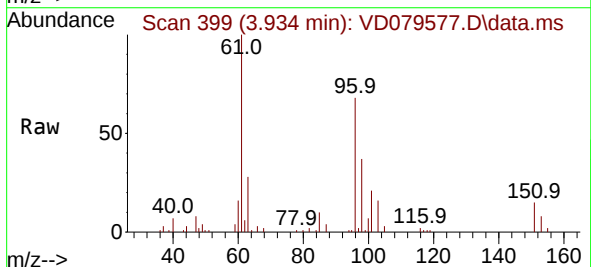


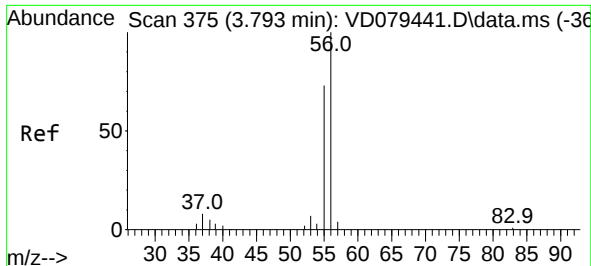
Tgt Ion: 59 Resp: 13719
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 18.542 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

Tgt Ion: 96 Resp: 45501
Ion Ratio Lower Upper
96 100
61 147.4 107.3 160.9
98 54.4 51.7 77.5





#13

Acrolein

Concen: 97.152 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Instrument :

MSVOA_D

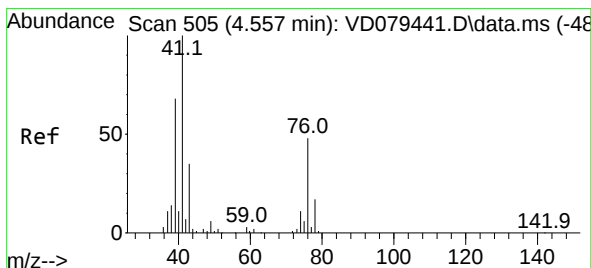
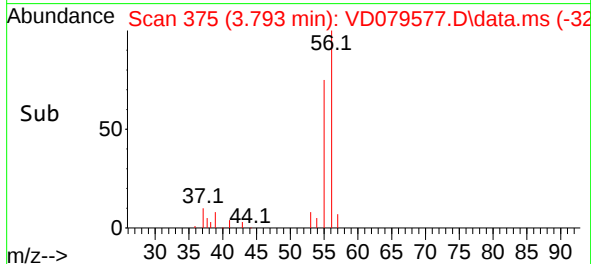
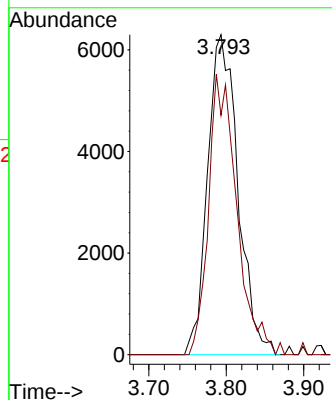
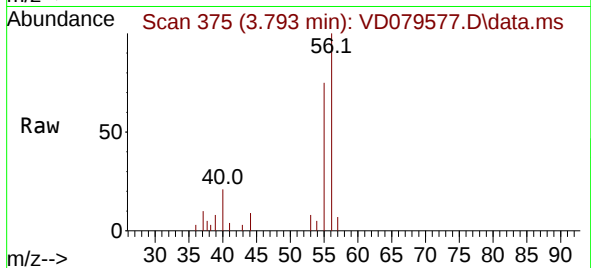
ClientSampleId :

Tgt Ion: 56 Resp: 17160

Ion Ratio Lower Upper

56 100

55 81.4 55.3 82.9



#14

Allyl chloride

Concen: 20.809 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.006 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

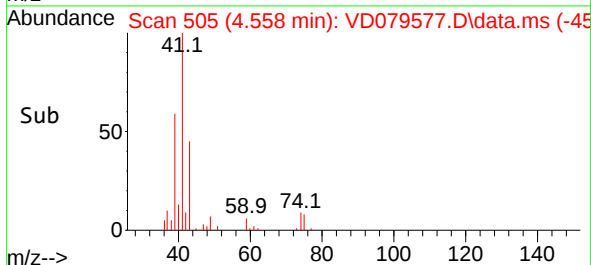
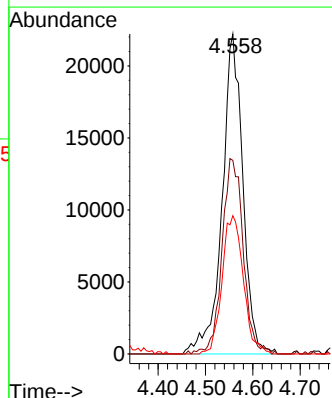
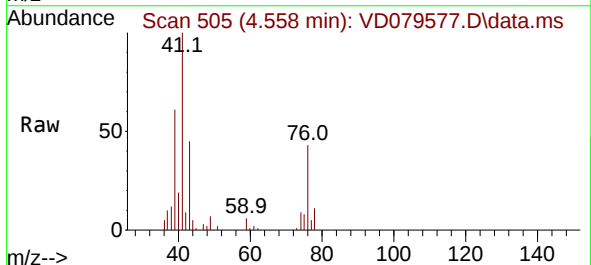
Tgt Ion: 41 Resp: 67430

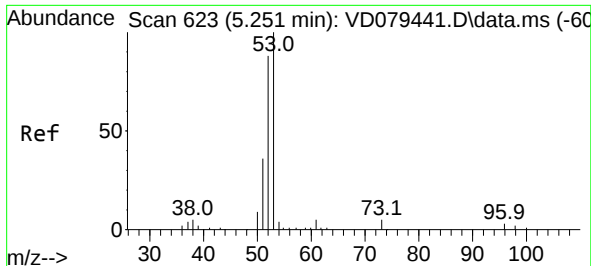
Ion Ratio Lower Upper

41 100

39 61.6 58.0 87.0

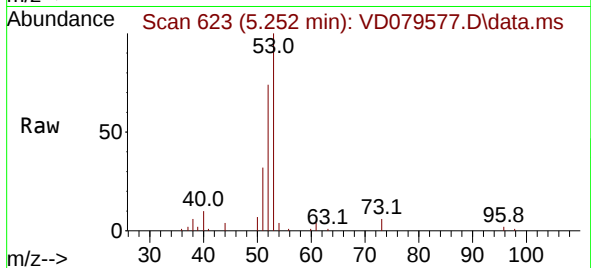
76 44.4 45.9 68.9#



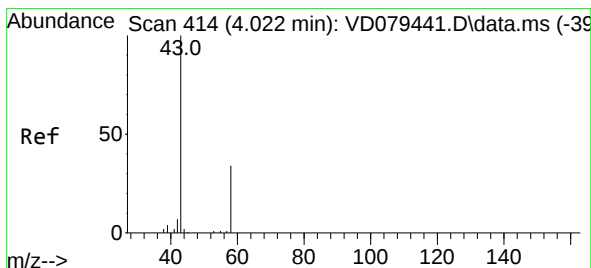
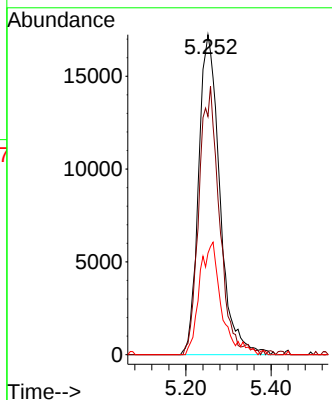
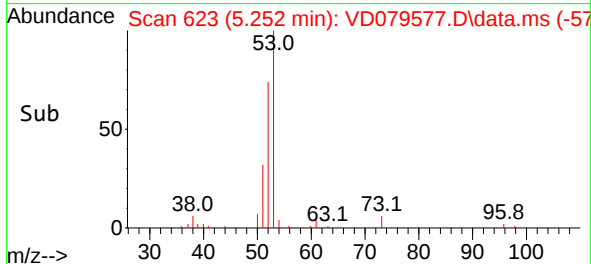


#15
Acrylonitrile
Concen: 109.109 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

Instrument :
MSVOA_D
ClientSampleId :

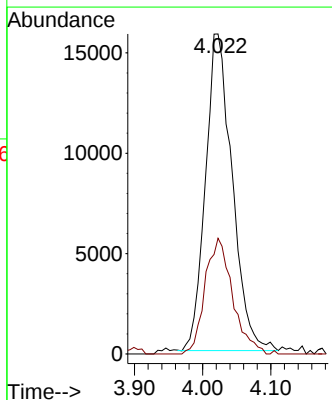
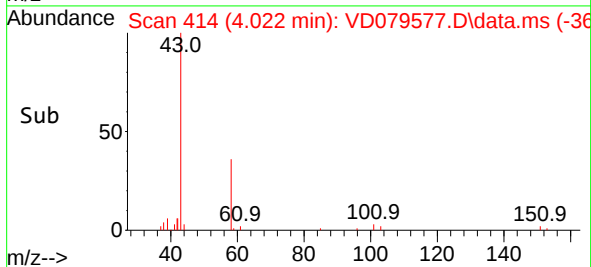
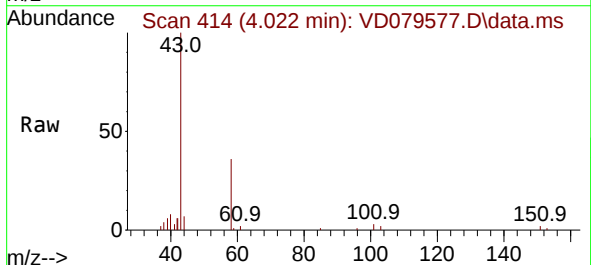


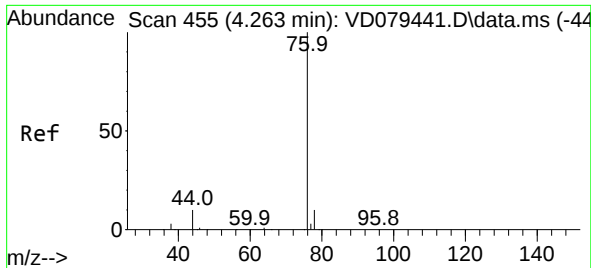
Tgt Ion: 53 Resp: 59713
Ion Ratio Lower Upper
53 100
52 79.4 67.7 101.5
51 34.0 28.6 42.8



#16
Acetone
Concen: 96.301 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

Tgt Ion: 43 Resp: 43182
Ion Ratio Lower Upper
43 100
58 36.5 30.4 45.6

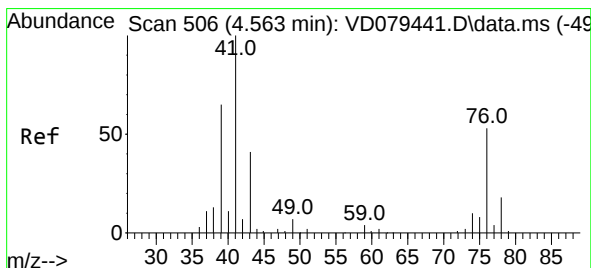
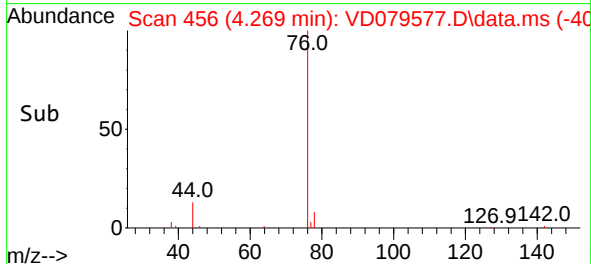
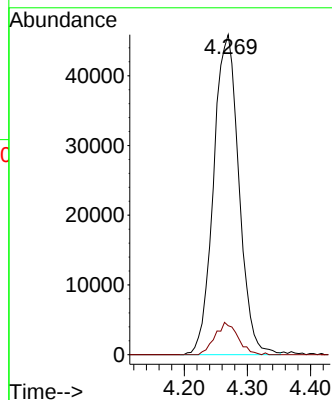
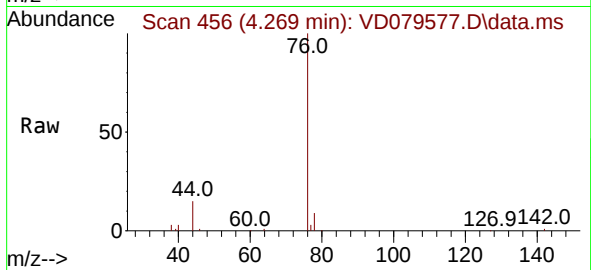




#17
Carbon Disulfide
Concen: 15.794 ug/l
RT: 4.269 min Scan# 455
Delta R.T. 0.006 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

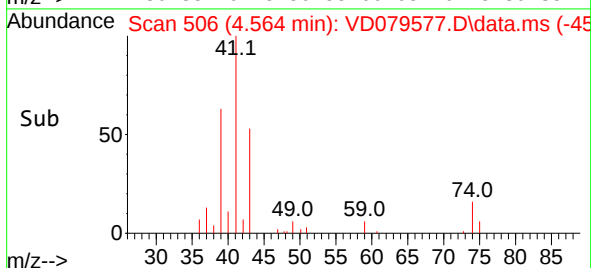
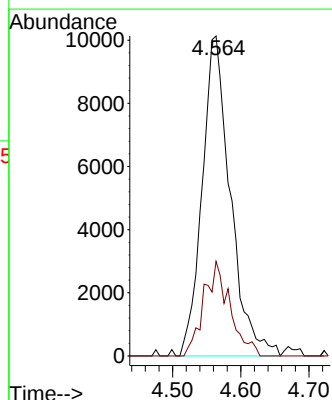
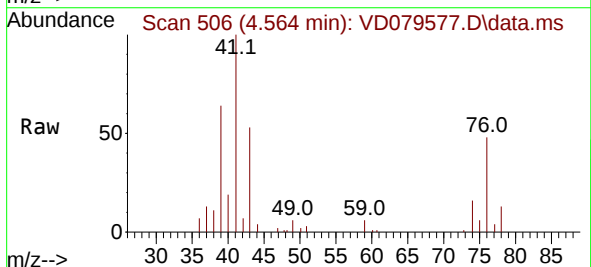
Instrument :
MSVOA_D
ClientSampleId :

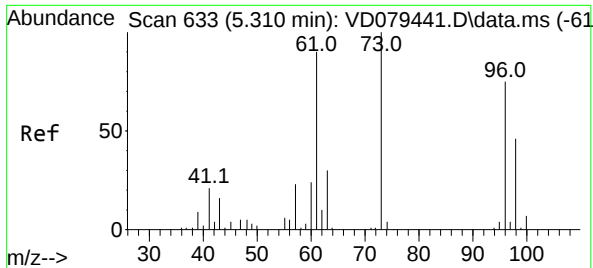
Tgt Ion: 76 Resp: 127937
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 20.929 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

Tgt Ion: 43 Resp: 29138
Ion Ratio Lower Upper
43 100
74 27.4 28.1 42.1#

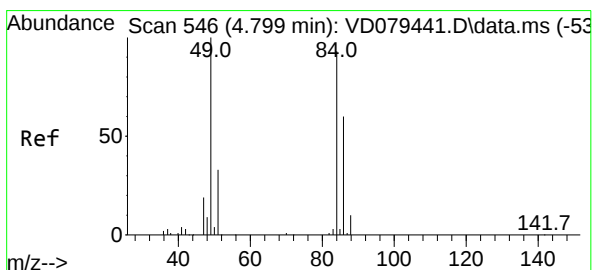
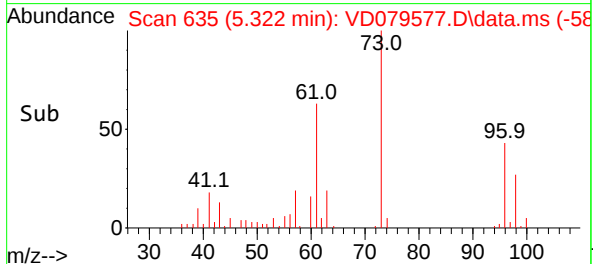
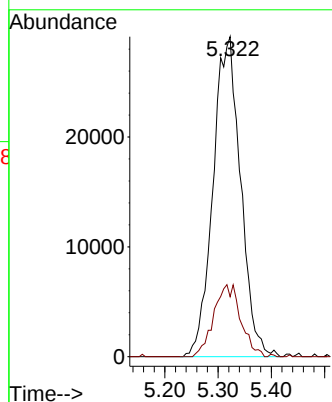
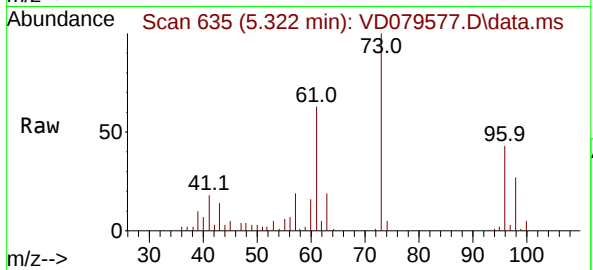




#19
Methyl tert-butyl Ether
Concen: 20.895 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

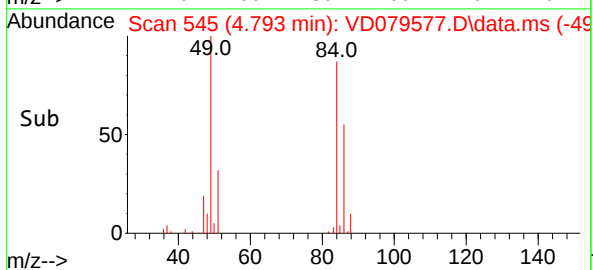
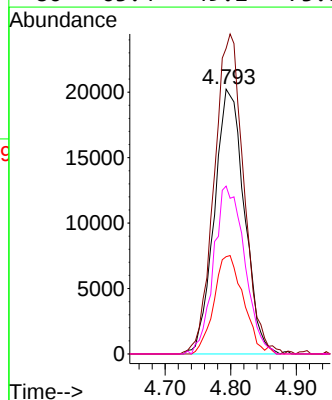
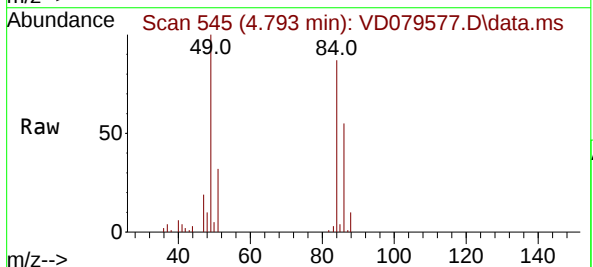
Instrument :
MSVOA_D
ClientSampleId :

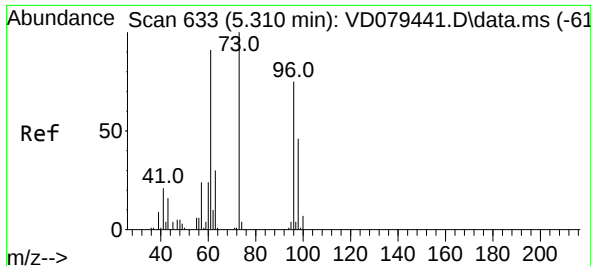
Tgt Ion: 73 Resp: 104665
Ion Ratio Lower Upper
73 100
57 18.8 18.3 27.5



#20
Methylene Chloride
Concen: 5.572 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

Tgt Ion: 84 Resp: 64120
Ion Ratio Lower Upper
84 100
49 115.4 75.6 113.4#
51 36.7 24.2 36.2#
86 63.4 49.2 73.8

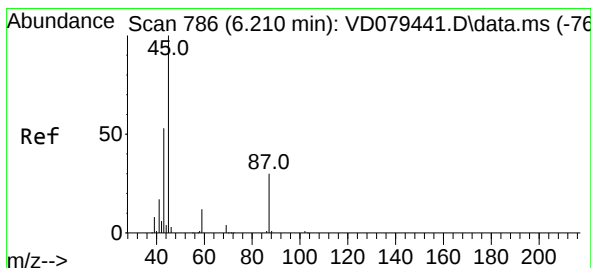
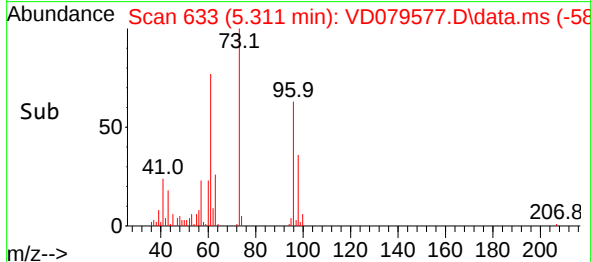
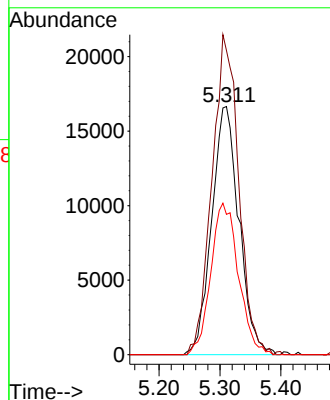
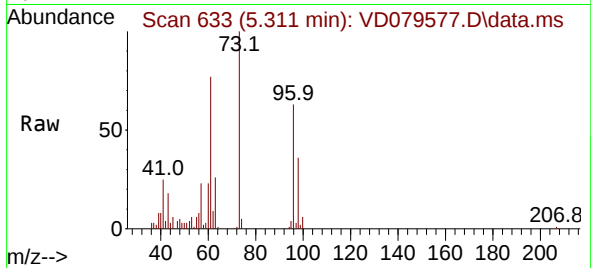




#21
trans-1,2-Dichloroethene
Concen: 18.817 ug/l
RT: 5.311 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

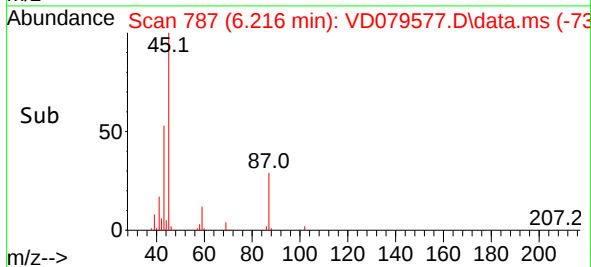
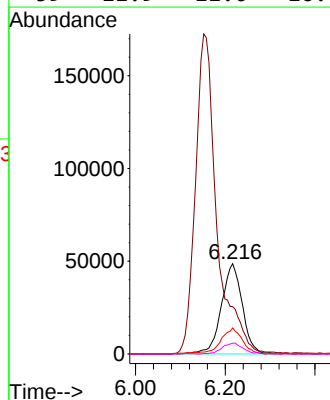
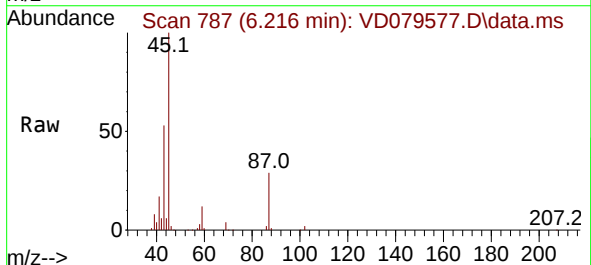
Instrument :
MSVOA_D
ClientSampleId :

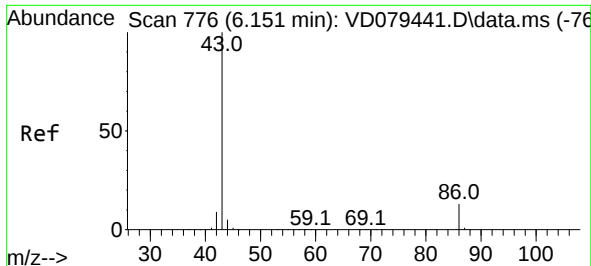
Tgt Ion: 96 Resp: 51874
Ion Ratio Lower Upper
96 100
61 122.6 84.5 126.7
98 56.5 50.5 75.7



#22
Diisopropyl ether
Concen: 21.922 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

Tgt Ion: 45 Resp: 158054
Ion Ratio Lower Upper
45 100
43 51.0 41.7 62.5
87 28.9 30.2 45.2#
59 11.9 11.0 16.6

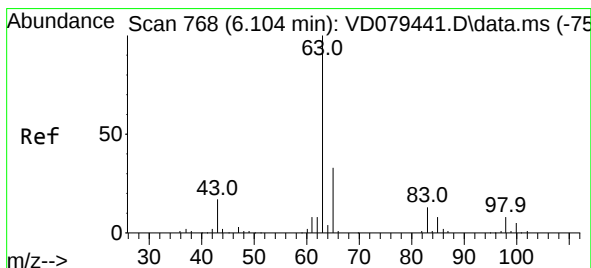
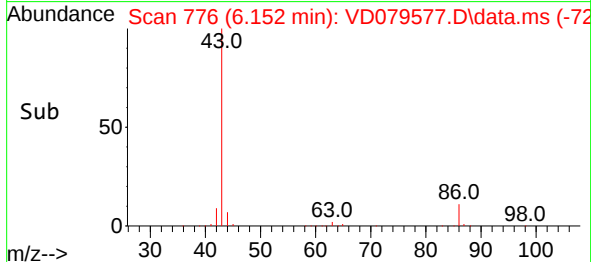
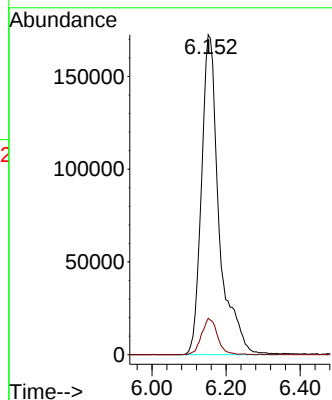
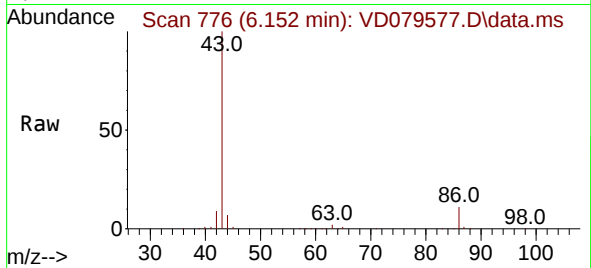




#23
 Vinyl Acetate
 Concen: 105.489 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD079577.D
 Acq: 05 Aug 2024 13:37

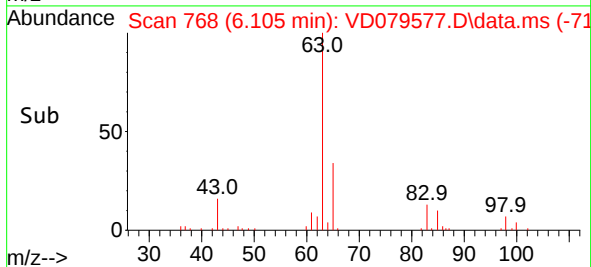
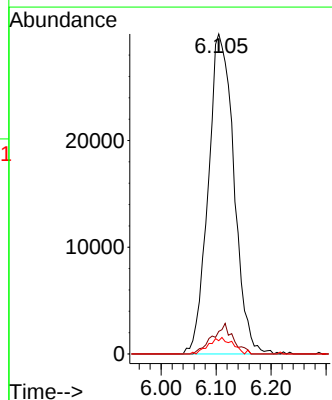
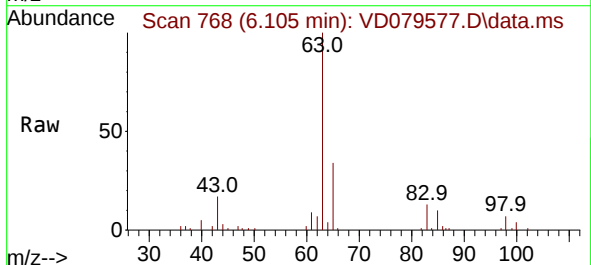
Instrument :
 MSVOA_D
 ClientSampleId :

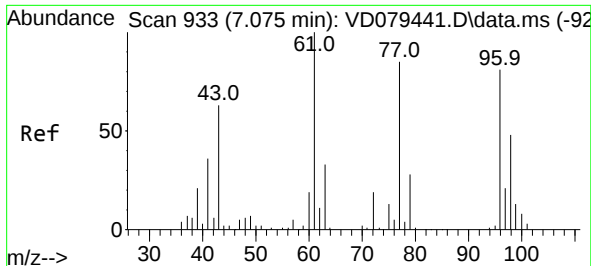
Tgt Ion: 43 Resp: 571739
 Ion Ratio Lower Upper
 43 100
 86 11.4 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 20.157 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD079577.D
 Acq: 05 Aug 2024 13:37

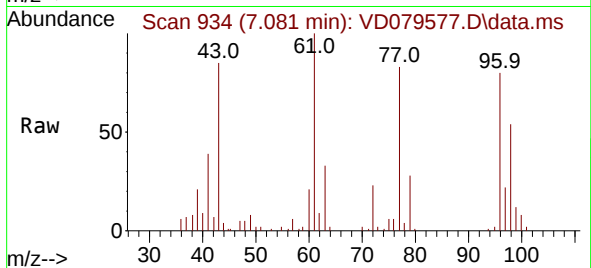
Tgt Ion: 63 Resp: 97391
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.7 14.0
 100 4.1 2.9 8.6



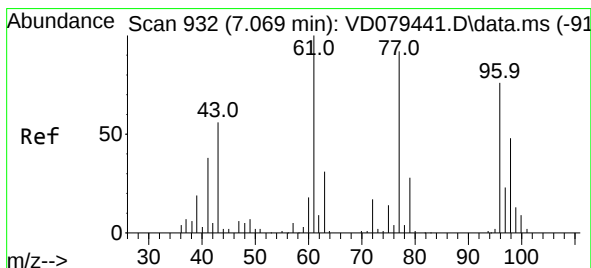
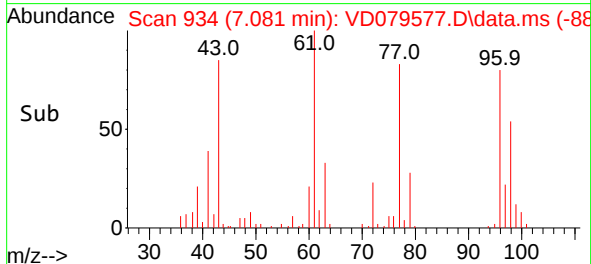
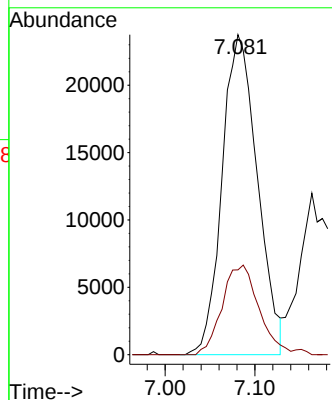


#25
2-Butanone
Concen: 102.078 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

Instrument :
MSVOA_D
ClientSampleId :

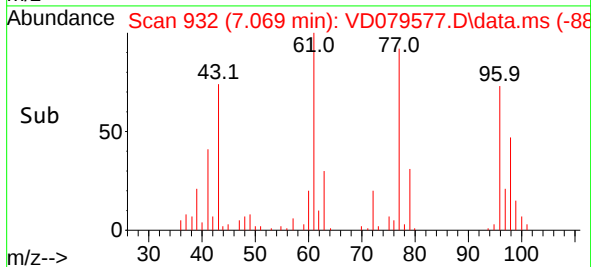
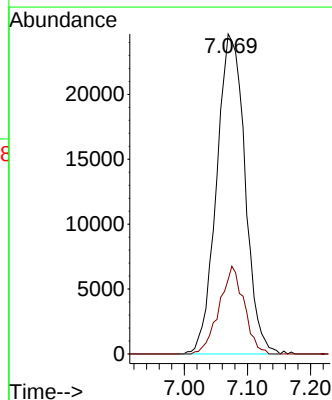
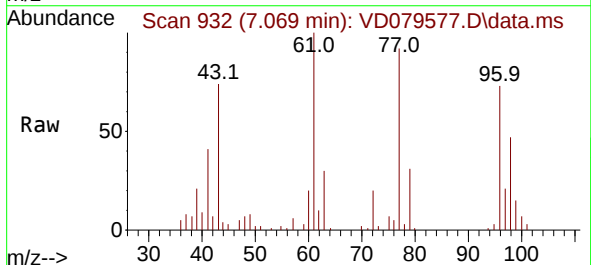


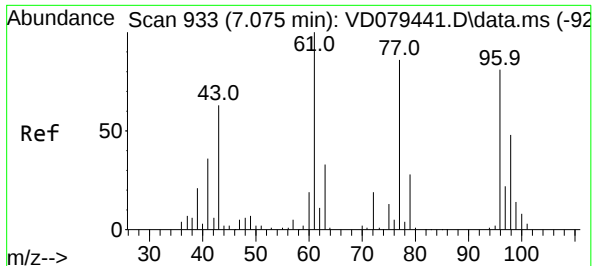
Tgt Ion: 43 Resp: 64893
Ion Ratio Lower Upper
43 100
72 26.5 26.4 39.6



#26
2,2-Dichloropropane
Concen: 19.676 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

Tgt Ion: 77 Resp: 76896
Ion Ratio Lower Upper
77 100
97 24.1 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 19.426 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

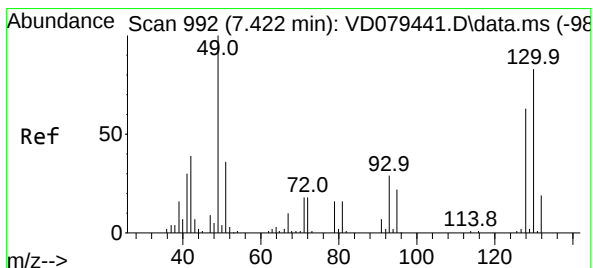
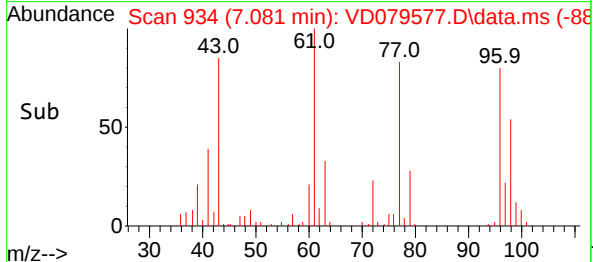
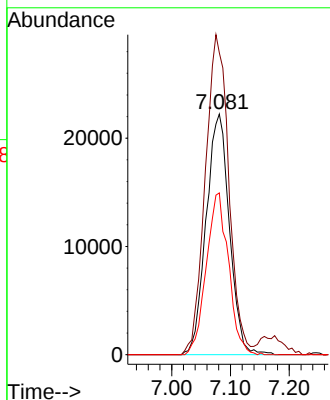
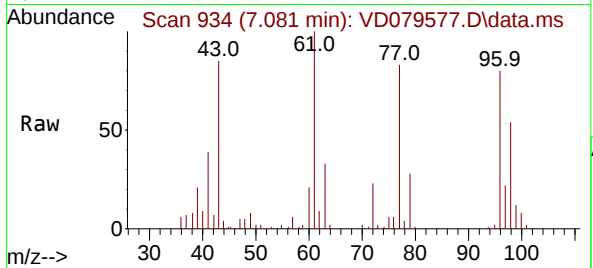
Tgt Ion: 96 Resp: 61213

Ion Ratio Lower Upper

96 100

61 134.2 0.0 229.0

98 64.2 0.0 127.2



#28

Bromochloromethane

Concen: 20.088 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.012 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

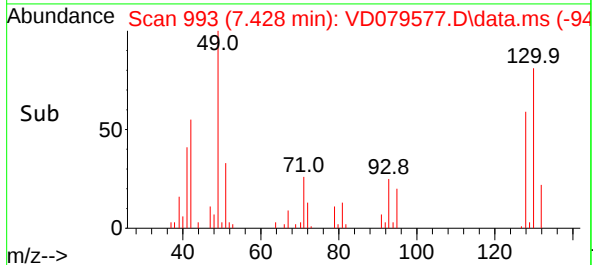
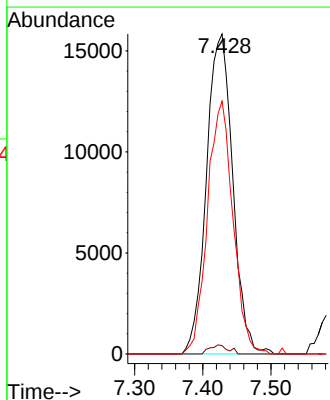
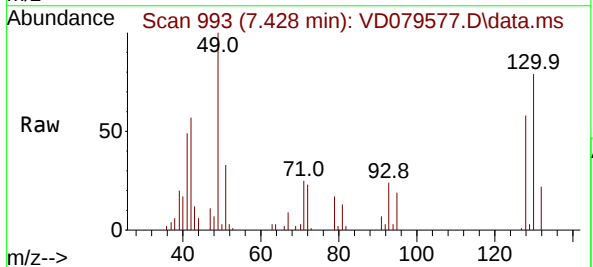
Tgt Ion: 49 Resp: 42561

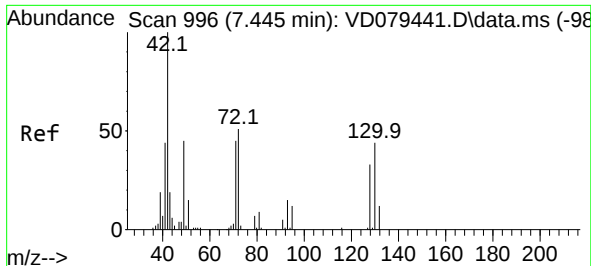
Ion Ratio Lower Upper

49 100

129 2.0 0.0 7.0

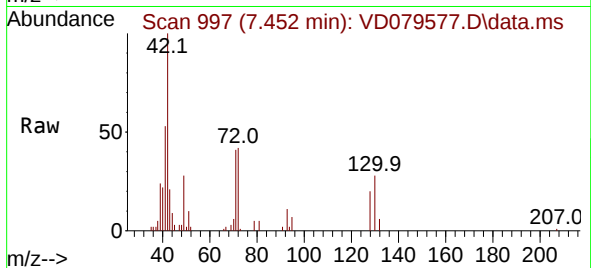
130 76.5 87.7 131.5#



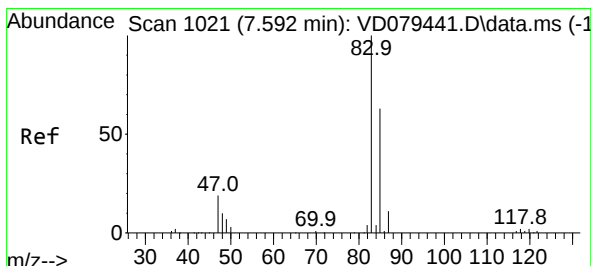
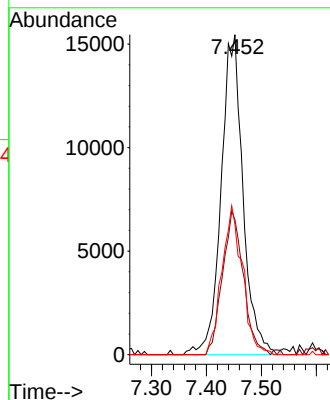
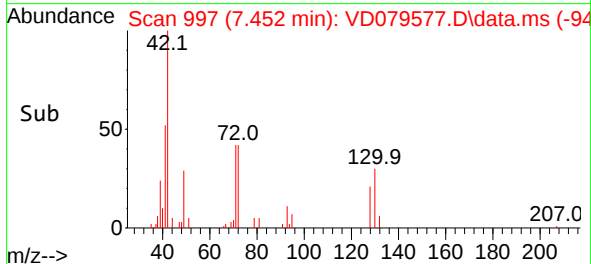


#29
Tetrahydrofuran
Concen: 108.772 ug/l
RT: 7.452 min Scan# 996
Delta R.T. 0.006 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

Instrument :
MSVOA_D
ClientSampleId :

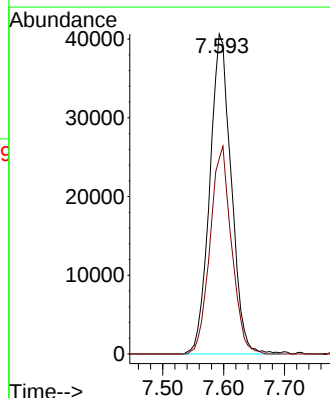
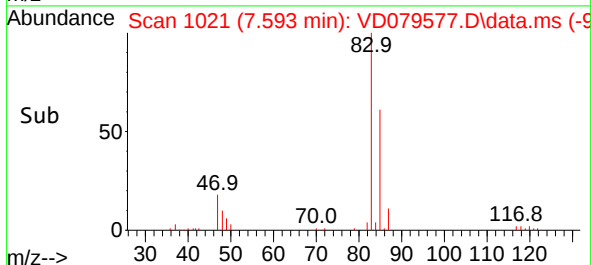
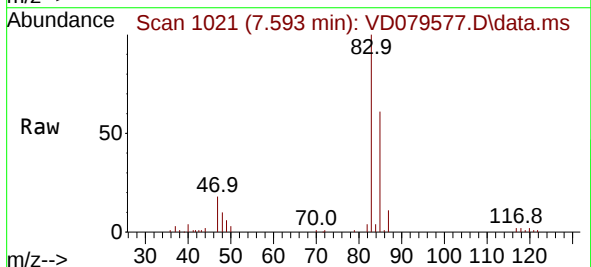


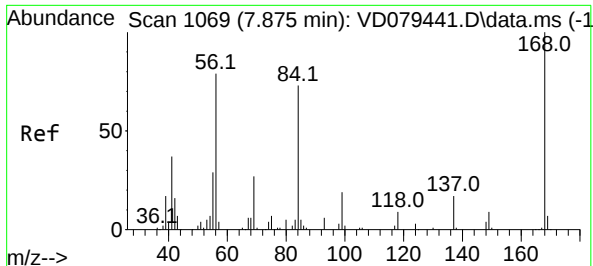
Tgt Ion: 42 Resp: 42853
Ion Ratio Lower Upper
42 100
72 42.7 49.4 74.0#
71 43.7 45.0 67.6#



#30
Chloroform
Concen: 20.364 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

Tgt Ion: 83 Resp: 99638
Ion Ratio Lower Upper
83 100
85 61.1 51.8 77.6

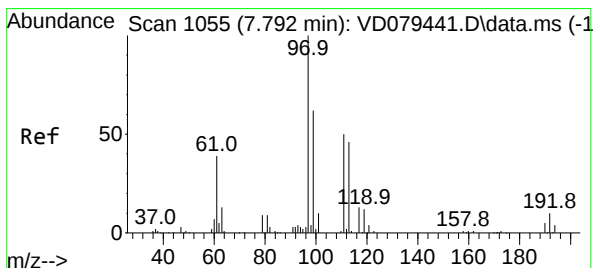
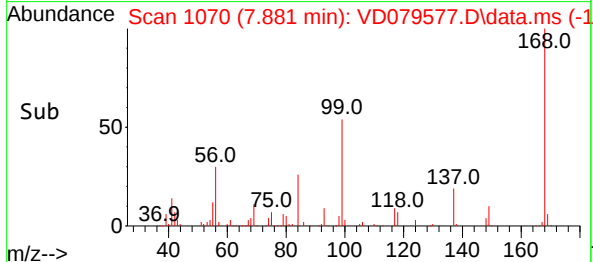
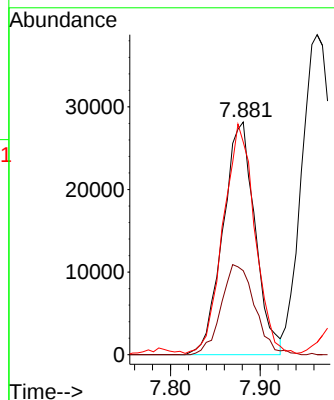
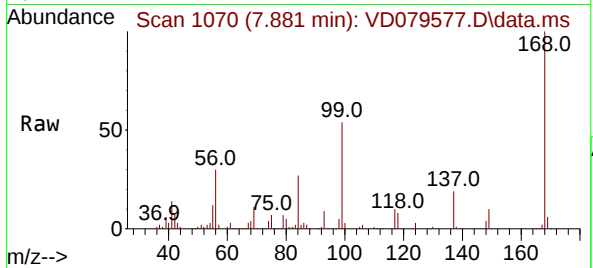




#31
Cyclohexane
Concen: 18.297 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

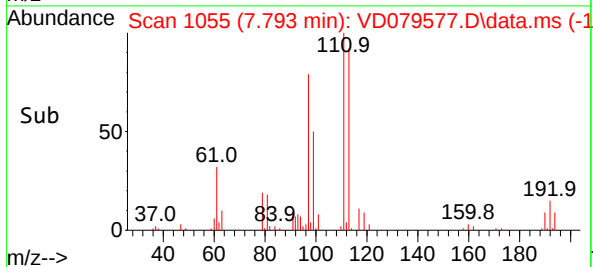
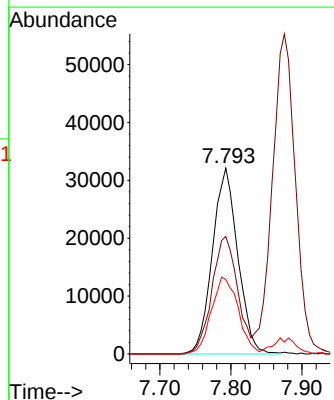
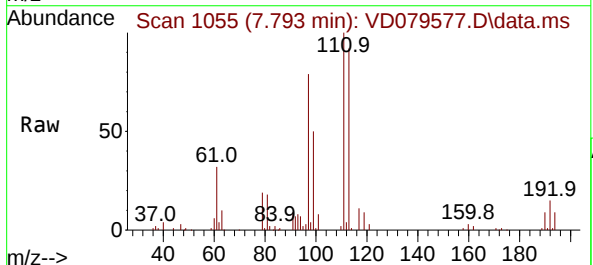
Instrument :
MSVOA_D
ClientSampleId :

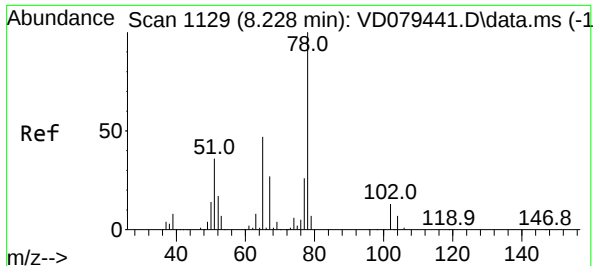
Tgt Ion: 56 Resp: 70115
Ion Ratio Lower Upper
56 100
69 36.1 28.0 42.0
84 90.0 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 19.725 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

Tgt Ion: 97 Resp: 79640
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 43.7 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 50.676 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Instrument :

MSVOA_D

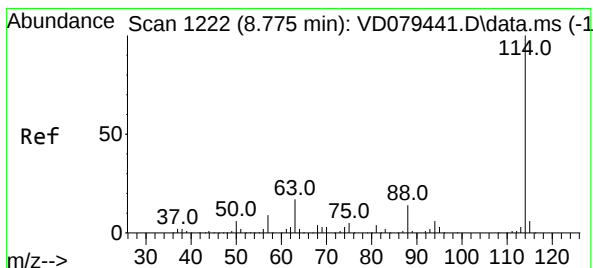
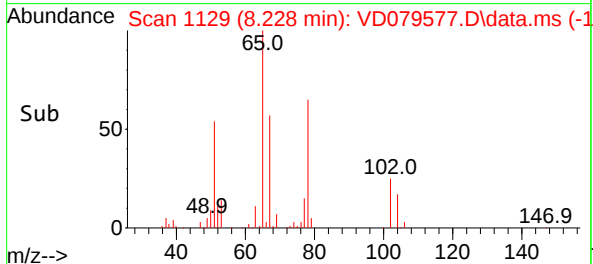
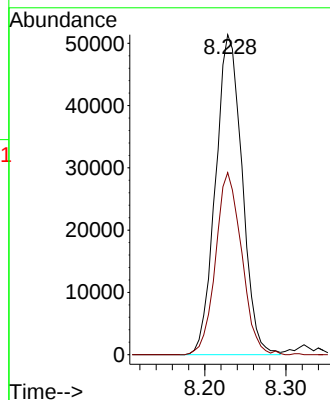
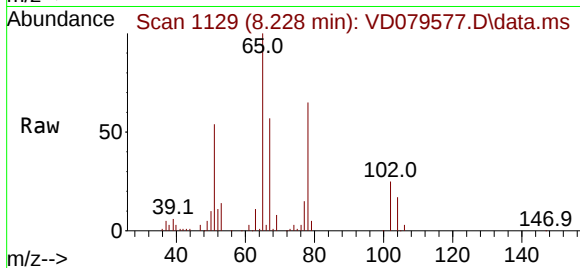
ClientSampleId :

Tgt Ion: 65 Resp: 116925

Ion Ratio Lower Upper

65 100

67 55.7 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

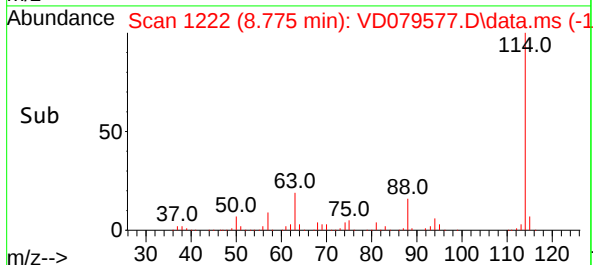
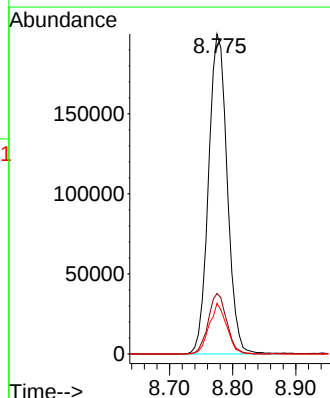
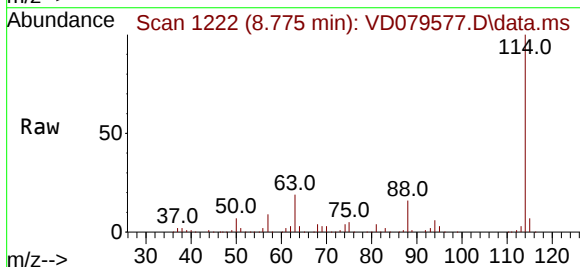
Tgt Ion: 114 Resp: 411097

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.0

88 15.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 44.111 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

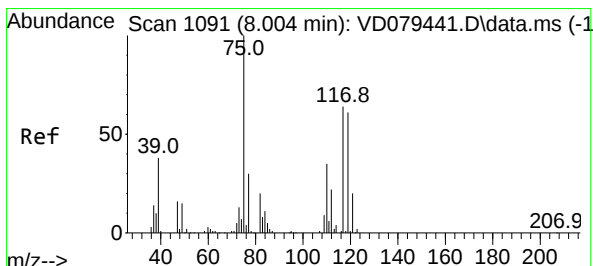
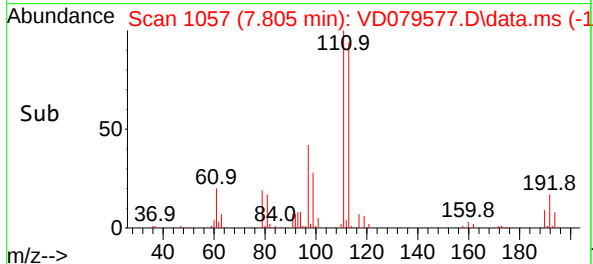
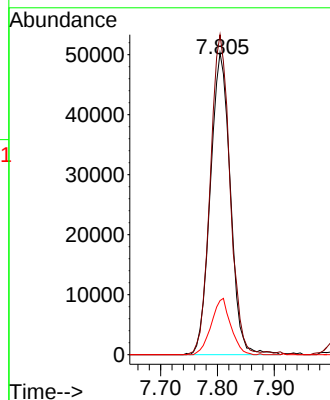
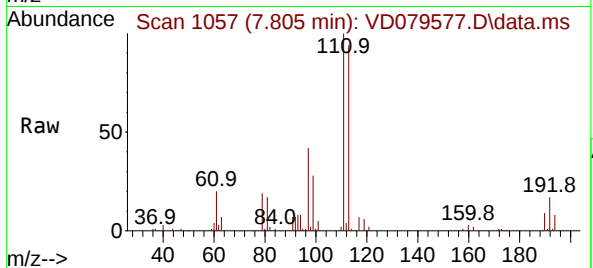
Tgt Ion:113 Resp: 122740

Ion Ratio Lower Upper

113 100

111 104.4 84.0 126.0

192 18.1 15.4 23.0



#36

1,1-Dichloropropene

Concen: 17.299 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

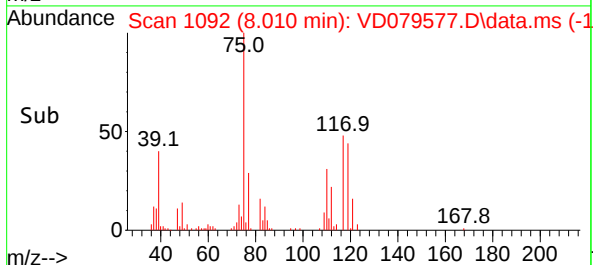
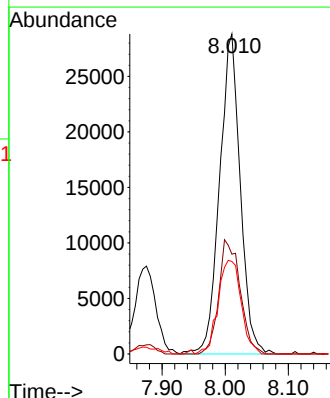
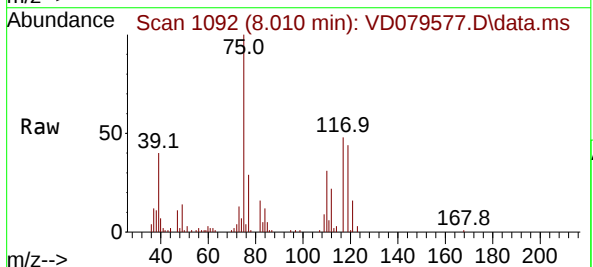
Tgt Ion: 75 Resp: 65697

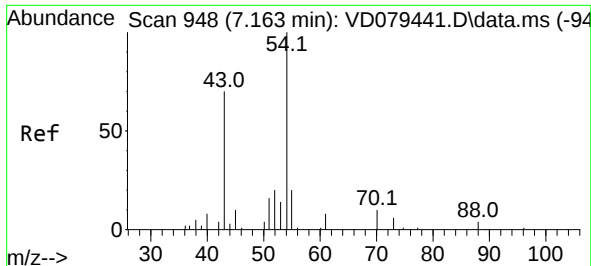
Ion Ratio Lower Upper

75 100

110 36.9 19.6 58.7

77 32.6 26.1 39.1





#37

Ethyl Acetate

Concen: 18.225 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.012 min

Lab File: VD079577.D

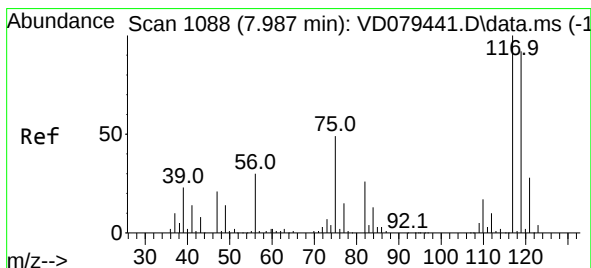
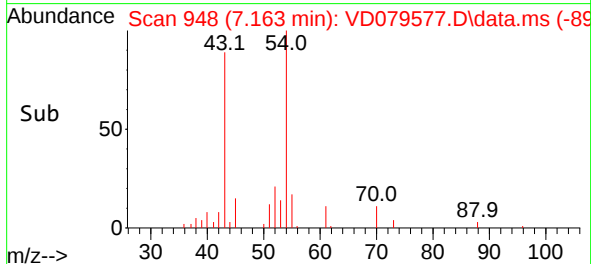
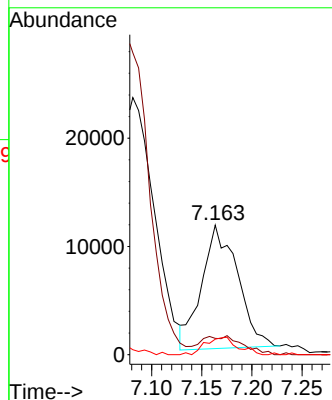
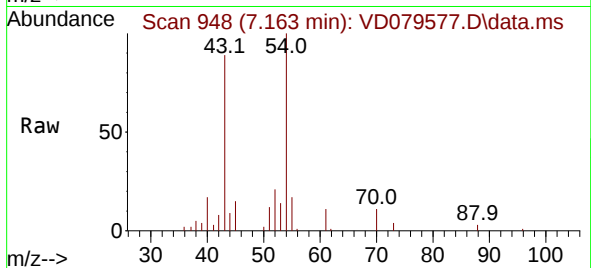
Acq: 05 Aug 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	43	Resp:	28378
Ion	Ratio	Lower	Upper
43	100		
61	17.2	13.9	20.9
70	12.6	9.8	14.6



#38

Carbon Tetrachloride

Concen: 17.739 ug/l

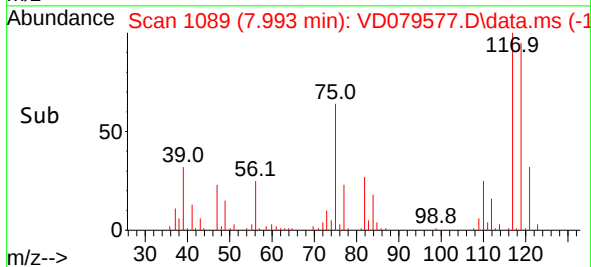
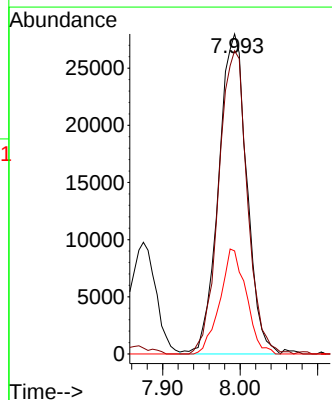
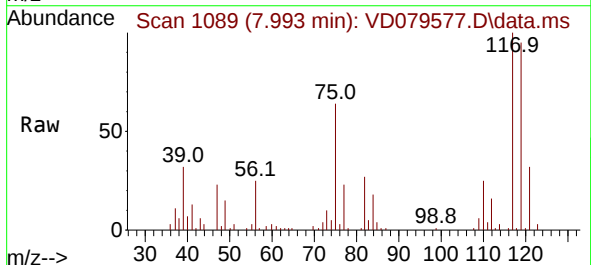
RT: 7.993 min Scan# 1089

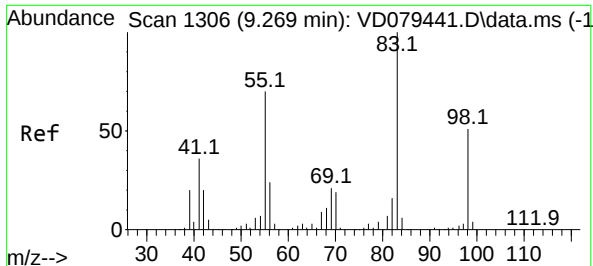
Delta R.T. 0.006 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Tgt Ion:	117	Resp:	70823
Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.4	113.0
121	32.2	25.0	37.4





#39

Methylcyclohexane

Concen: 16.201 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

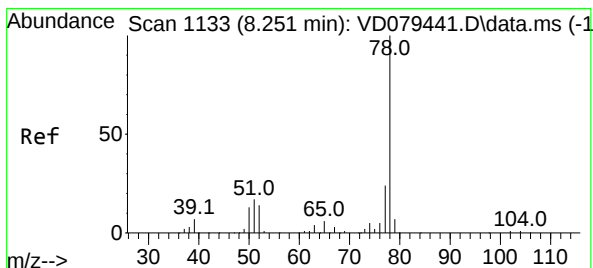
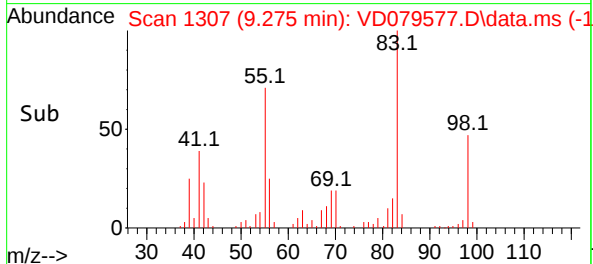
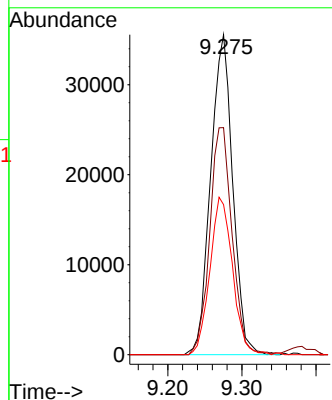
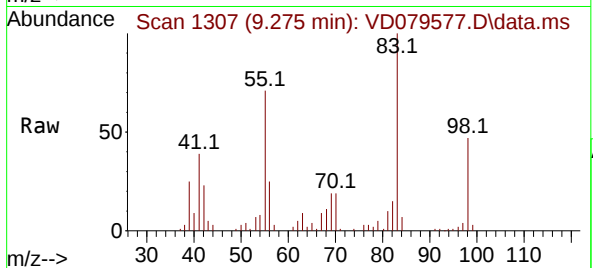
Tgt Ion: 83 Resp: 73412

Ion Ratio Lower Upper

83 100

55 71.0 50.1 75.1

98 46.9 41.9 62.9



#40

Benzene

Concen: 17.909 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD079577.D

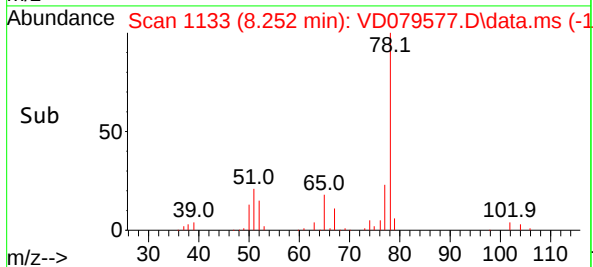
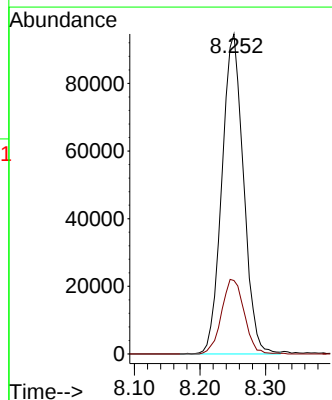
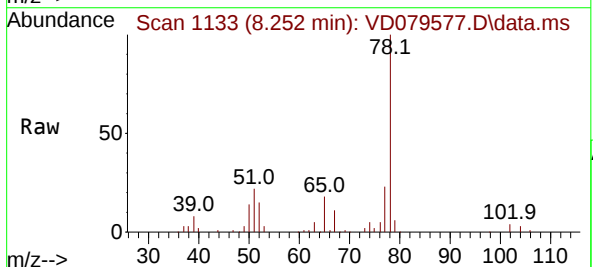
Acq: 05 Aug 2024 13:37

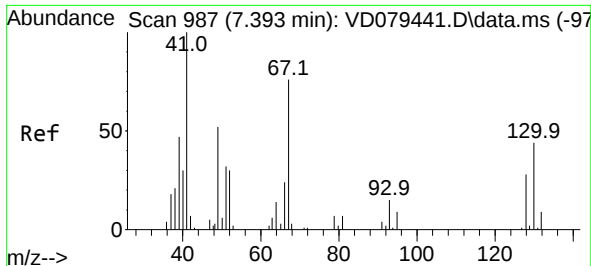
Tgt Ion: 78 Resp: 216024

Ion Ratio Lower Upper

78 100

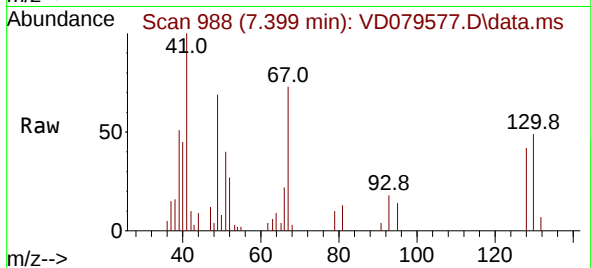
77 23.0 18.1 27.1



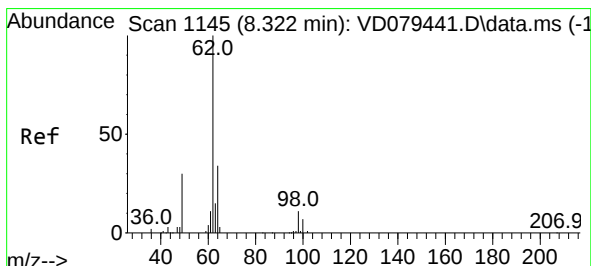
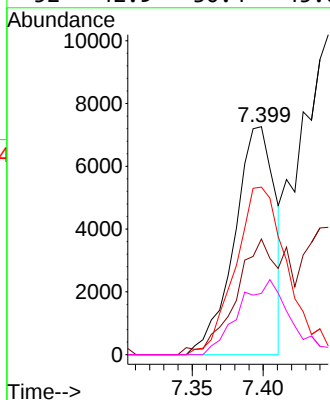
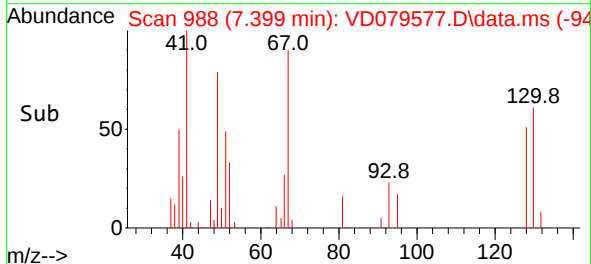


#41
Methacrylonitrile
Concen: 16.916 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

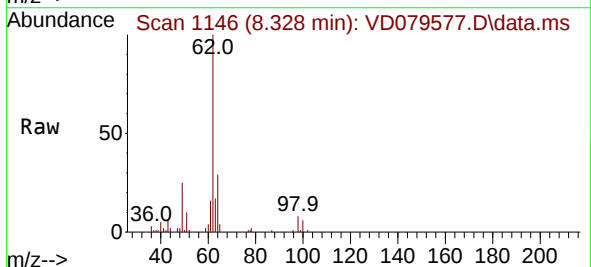
Instrument :
MSVOA_D
ClientSampleId :



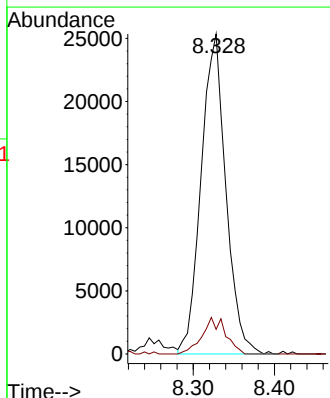
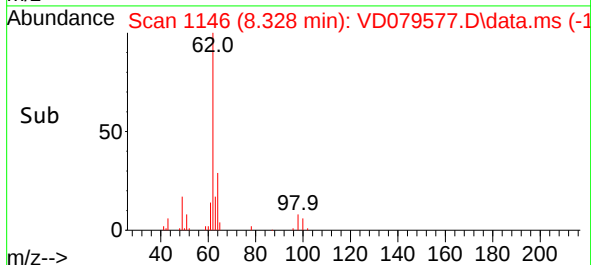
Tgt Ion: 41 Resp: 14489
Ion Ratio Lower Upper
41 100
39 64.0 41.4 62.0#
67 94.1 85.8 128.6
52 42.9 30.4 45.6

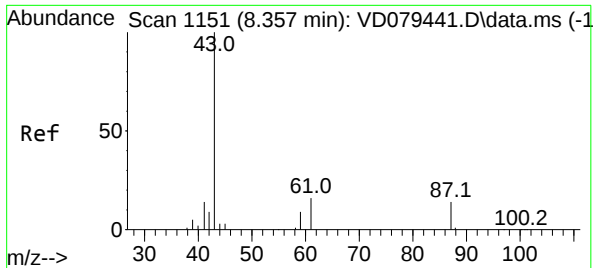


#42
1,2-Dichloroethane
Concen: 18.683 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37



Tgt Ion: 62 Resp: 53703
Ion Ratio Lower Upper
62 100
98 10.8 0.0 25.8

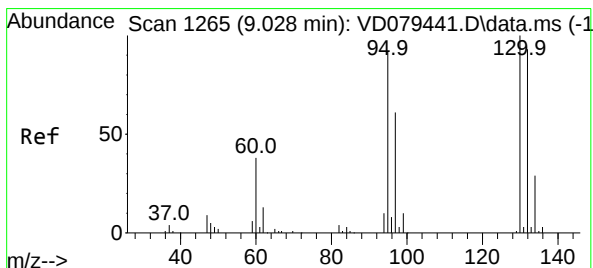
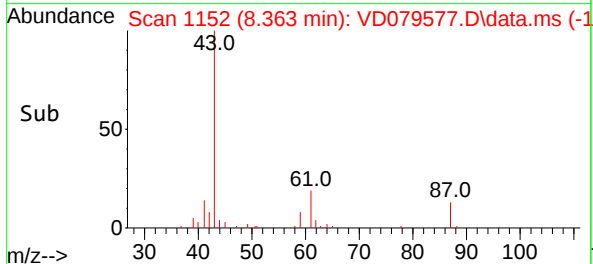
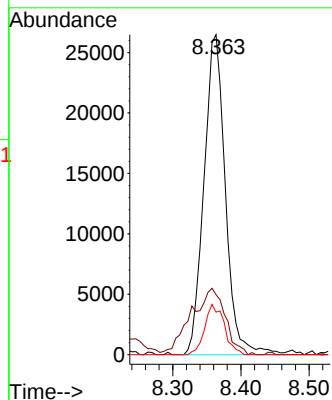
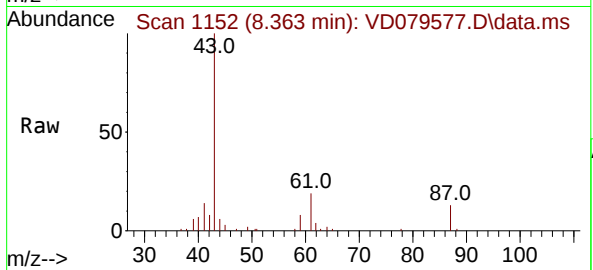




#43
Isopropyl Acetate
Concen: 19.748 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

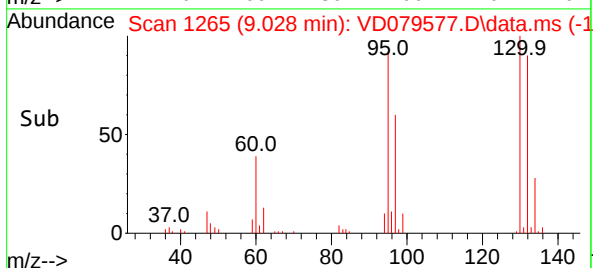
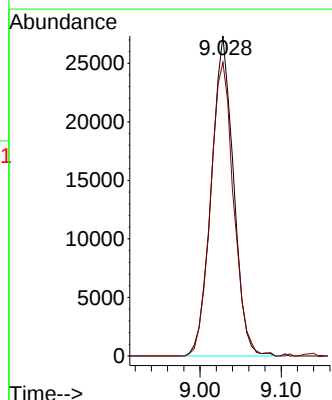
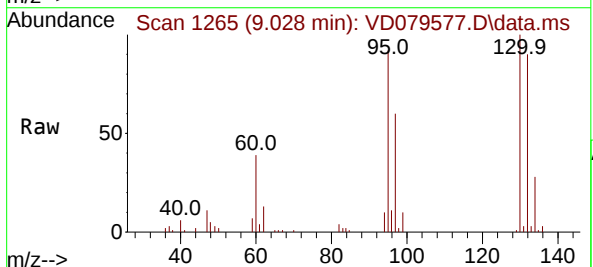
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 57791
Ion Ratio Lower Upper
43 100
61 33.3 29.3 43.9
87 14.4 14.9 22.3#



#44
Trichloroethene
Concen: 17.284 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

Tgt Ion:130 Resp: 51899
Ion Ratio Lower Upper
130 100
95 91.7 0.0 177.8





#45

1,2-Dichloropropane

Concen: 18.930 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Instrument :

MSVOA_D

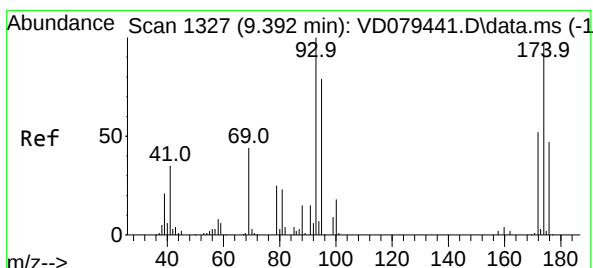
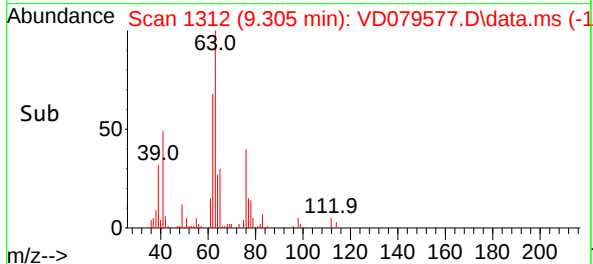
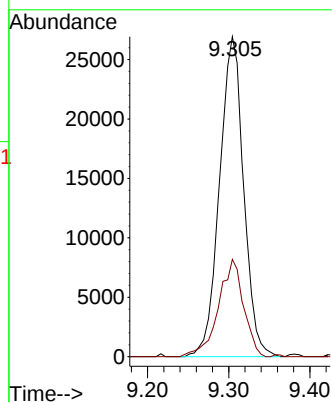
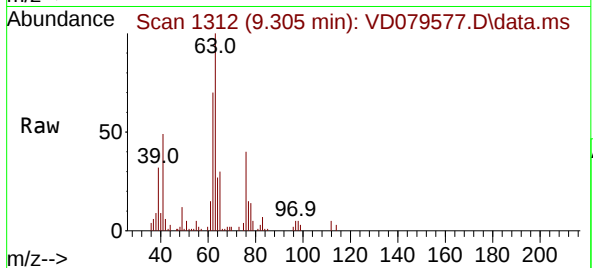
ClientSampleId :

Tgt Ion: 63 Resp: 55568

Ion Ratio Lower Upper

63 100

65 30.4 23.8 35.8



#46

Dibromomethane

Concen: 17.405 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

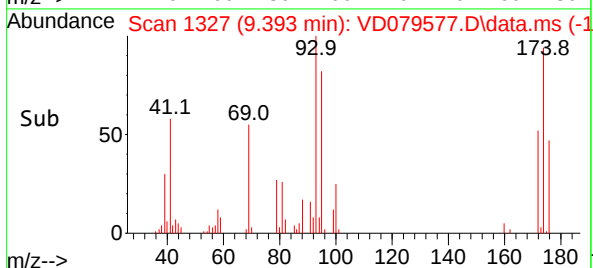
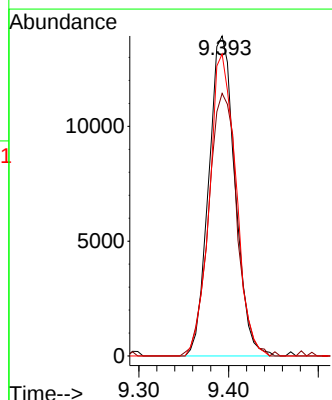
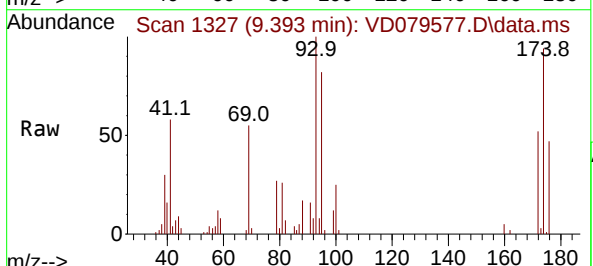
Tgt Ion: 93 Resp: 28325

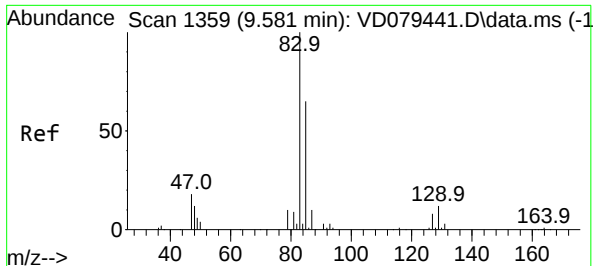
Ion Ratio Lower Upper

93 100

95 88.6 65.6 98.4

174 95.2 82.3 123.5





#47

Bromodichloromethane

Concen: 18.757 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. 0.000 min

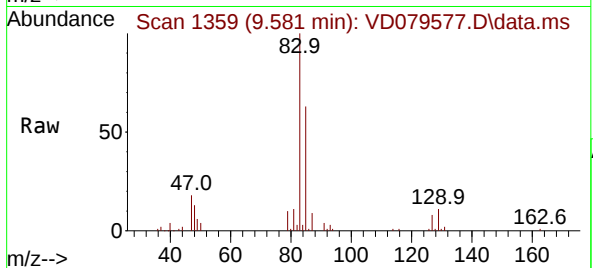
Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

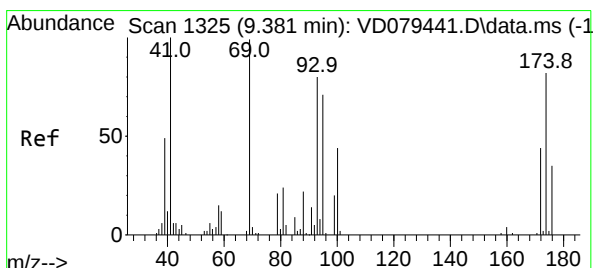
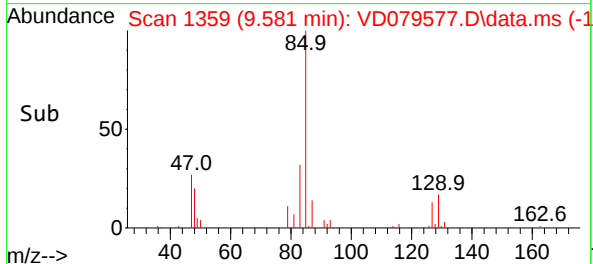
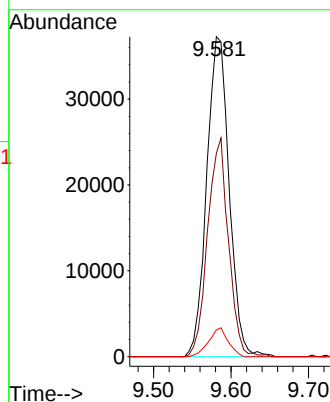
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	83	Resp:	74953
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.1	75.1
127	8.4	6.8	10.2



#48

Methyl methacrylate

Concen: 19.409 ug/l

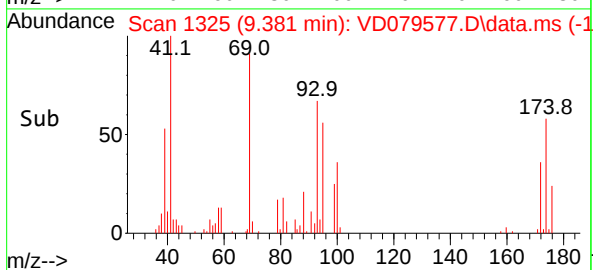
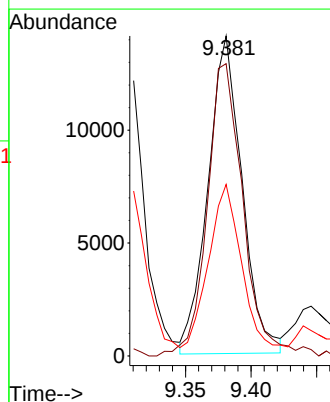
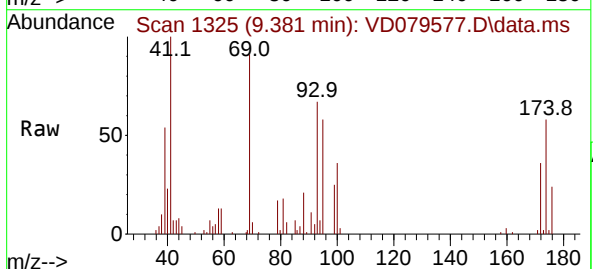
RT: 9.381 min Scan# 1325

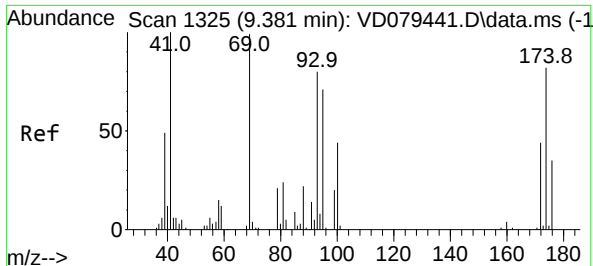
Delta R.T. 0.000 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Tgt Ion:	41	Resp:	25420
Ion	Ratio	Lower	Upper
41	100		
69	97.3	96.7	145.1
39	50.1	43.8	65.6





#49

1,4-Dioxane

Concen: 340.872 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.012 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

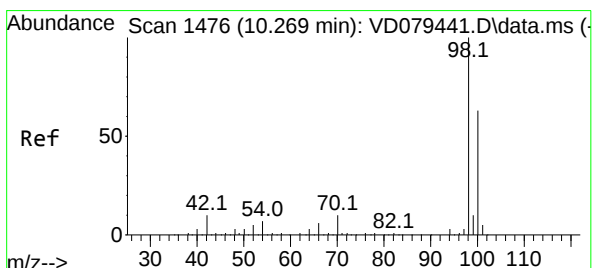
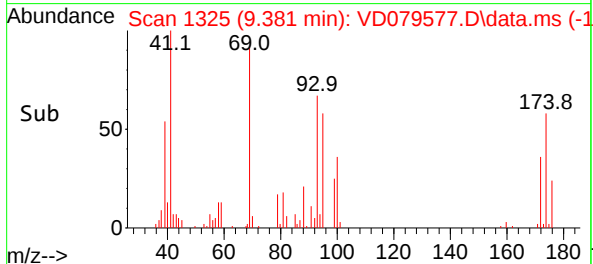
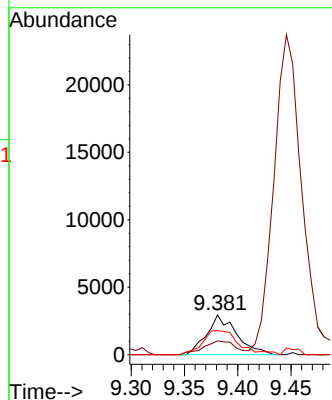
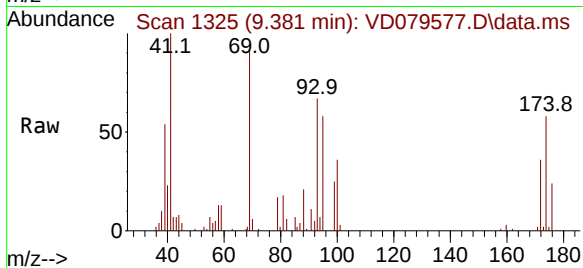
Tgt Ion: 88 Resp: 5748

Ion Ratio Lower Upper

88 100

43 38.0 21.5 32.3#

58 73.2 42.2 63.4#



#50

Toluene-d8

Concen: 46.165 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079577.D

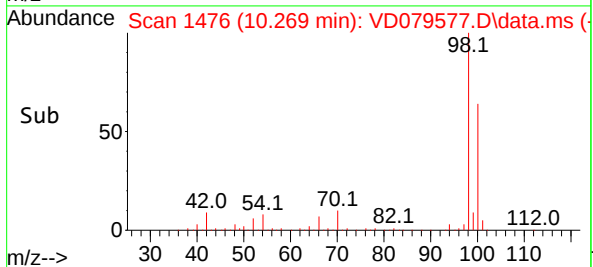
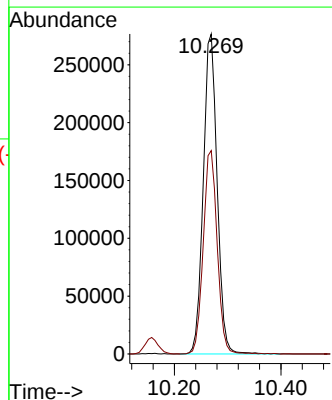
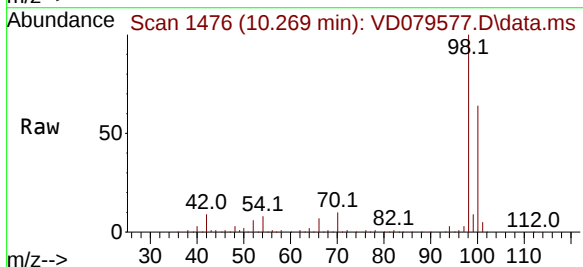
Acq: 05 Aug 2024 13:37

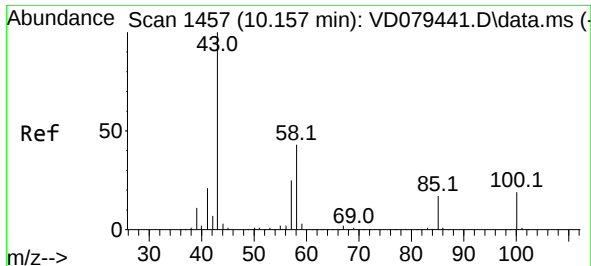
Tgt Ion: 98 Resp: 498832

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 98.750 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Instrument :

MSVOA_D

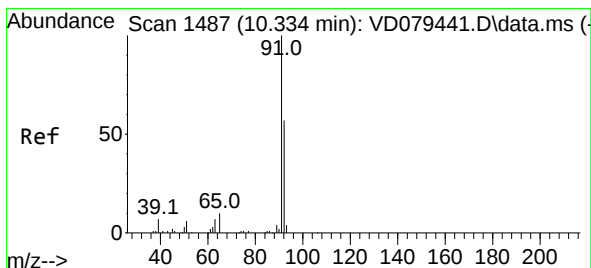
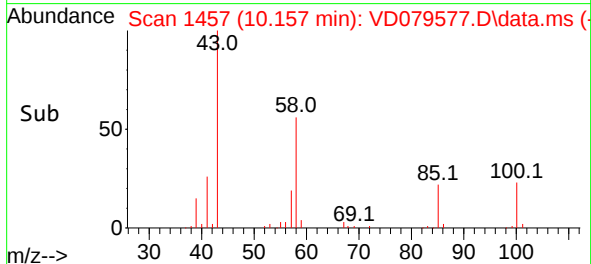
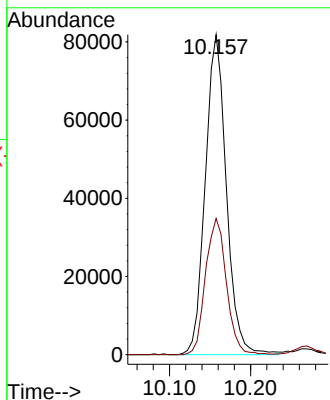
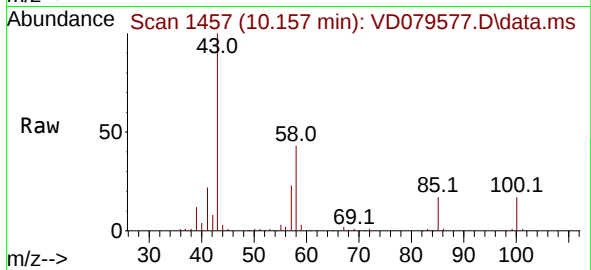
ClientSampleId :

Tgt Ion: 43 Resp: 147543

Ion Ratio Lower Upper

43 100

58 42.3 36.6 55.0



#52

Toluene

Concen: 18.106 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.006 min

Lab File: VD079577.D

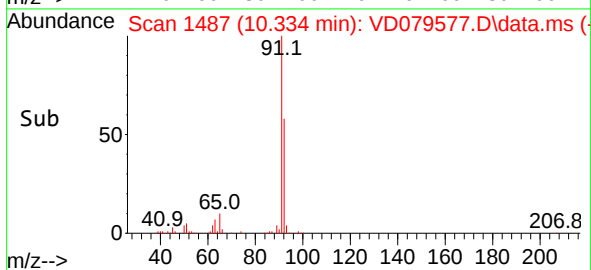
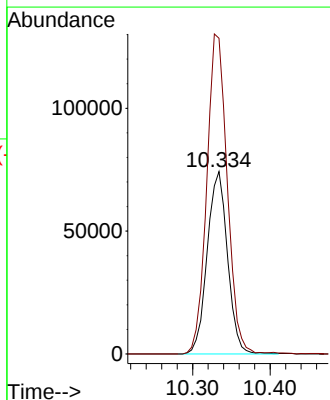
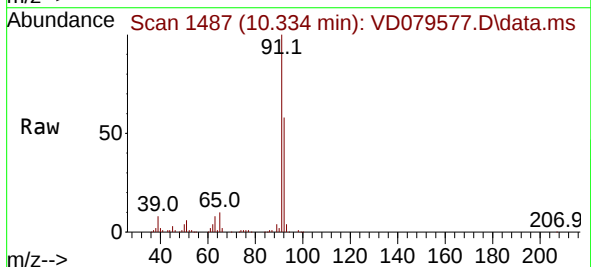
Acq: 05 Aug 2024 13:37

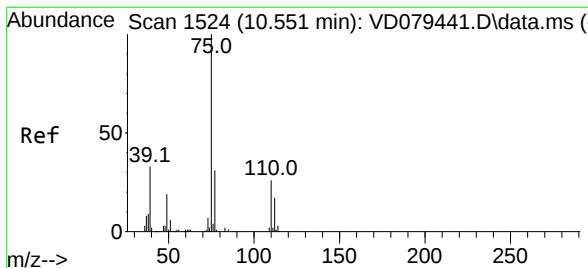
Tgt Ion: 92 Resp: 135075

Ion Ratio Lower Upper

92 100

91 176.5 141.7 212.5

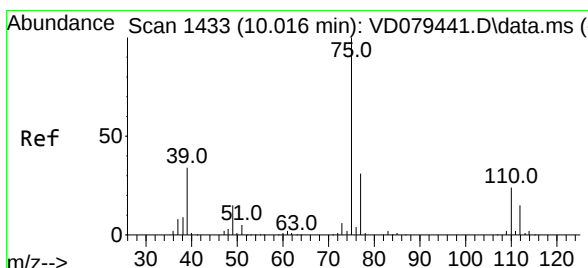
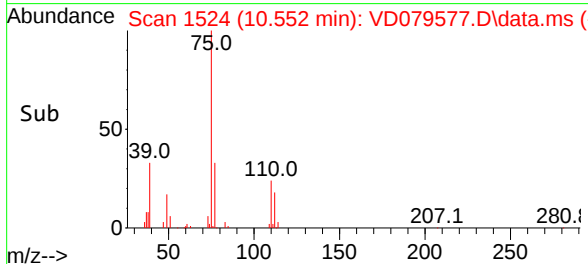
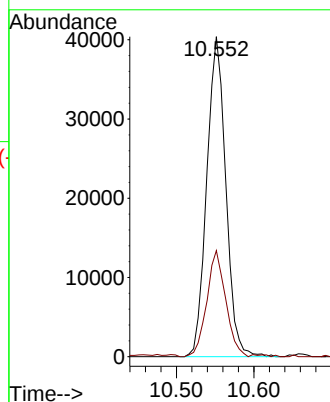
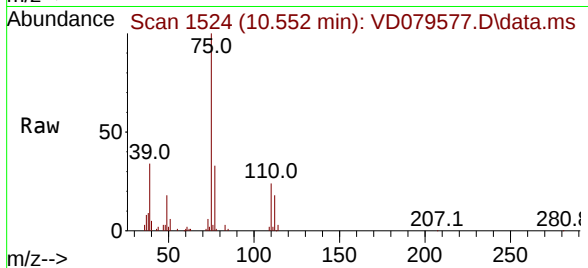




#53
 t-1,3-Dichloropropene
 Concen: 18.672 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD079577.D
 Acq: 05 Aug 2024 13:37

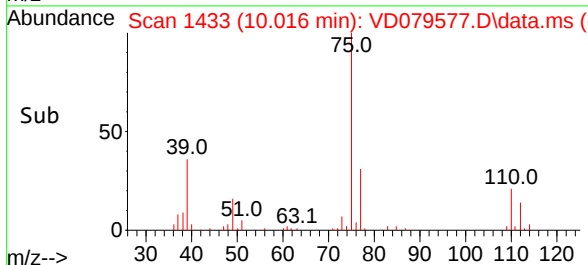
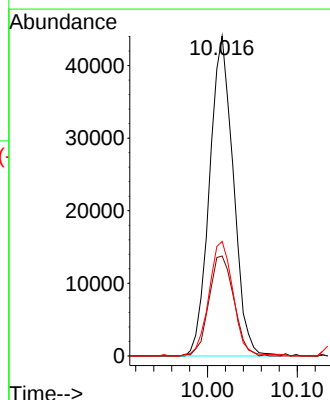
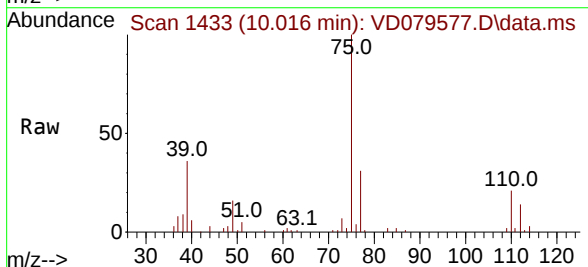
Instrument :
 MSVOA_D
 ClientSampleId :

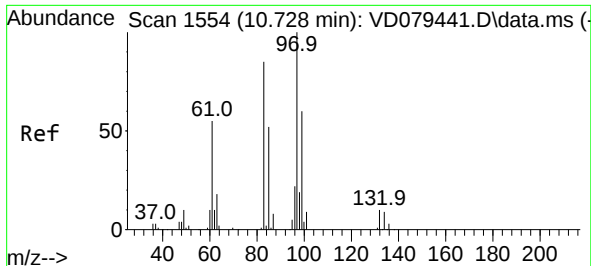
Tgt Ion: 75 Resp: 68903
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 18.267 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079577.D
 Acq: 05 Aug 2024 13:37

Tgt Ion: 75 Resp: 81081
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.4 36.6
 39 35.8 24.2 36.2

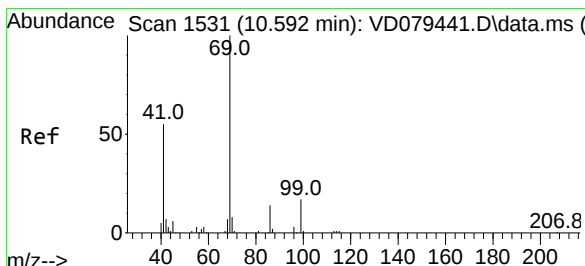
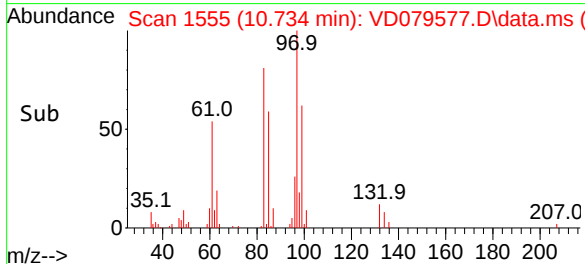
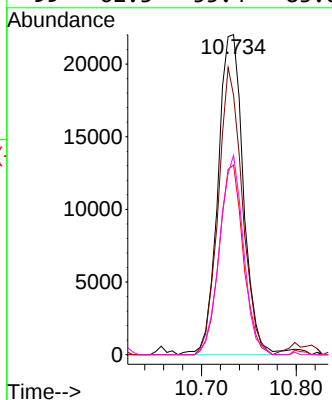
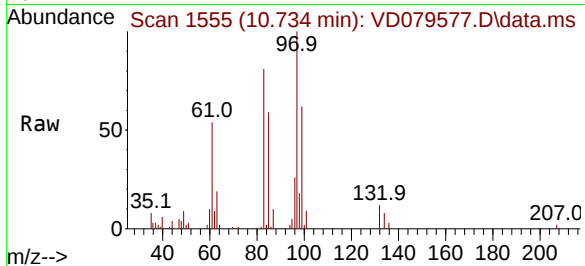




#55
1,1,2-Trichloroethane
Concen: 19.057 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

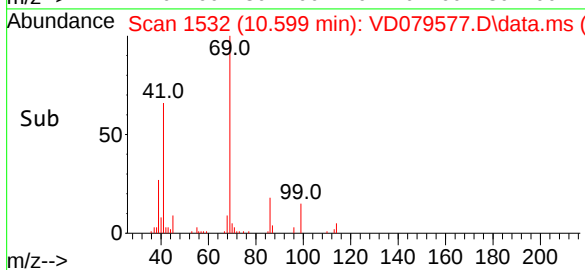
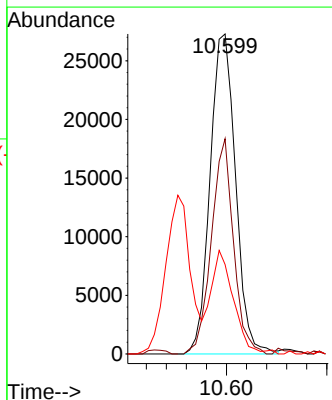
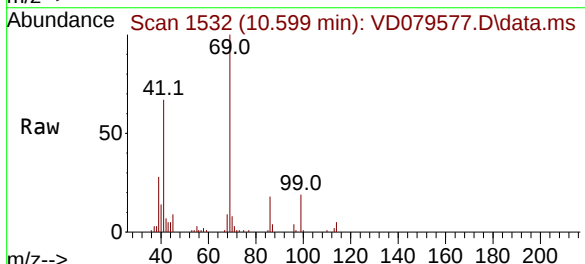
Instrument :
MSVOA_D
ClientSampleId :

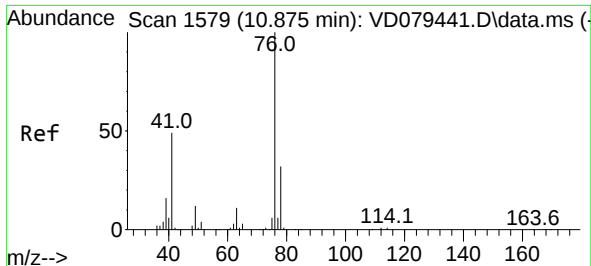
Tgt Ion: 97	Resp: 40852
Ion Ratio	Lower Upper
97 100	
83 81.1	65.8 98.8
85 59.2	43.8 65.8
99 62.3	55.4 83.0



#56
Ethyl methacrylate
Concen: 18.961 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

Tgt Ion: 69	Resp: 48163
Ion Ratio	Lower Upper
69 100	
41 58.5	39.8 59.6
39 29.1	20.2 30.4

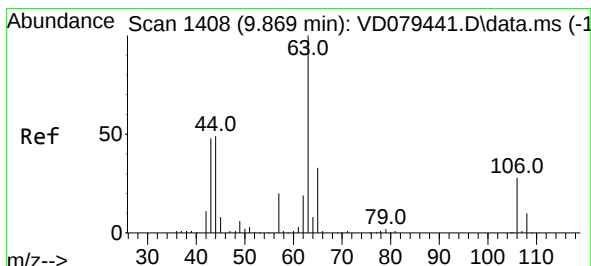
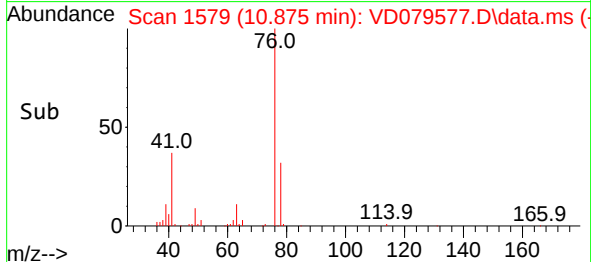
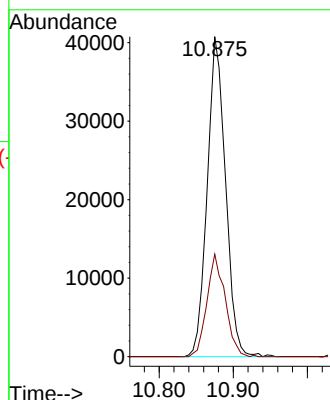
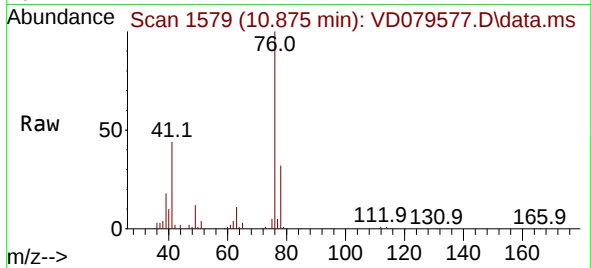




#57
1,3-Dichloropropane
Concen: 19.190 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

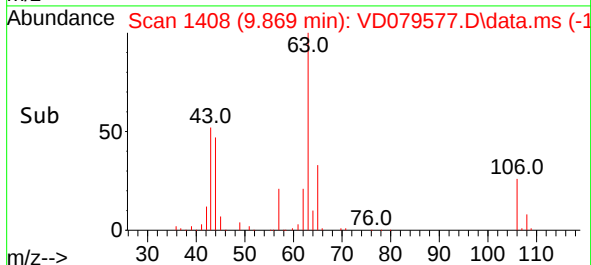
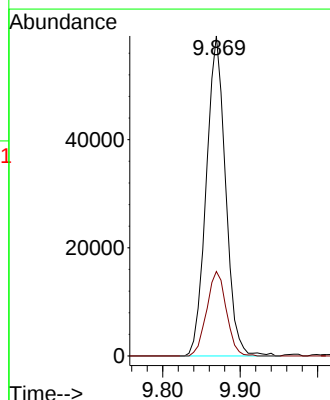
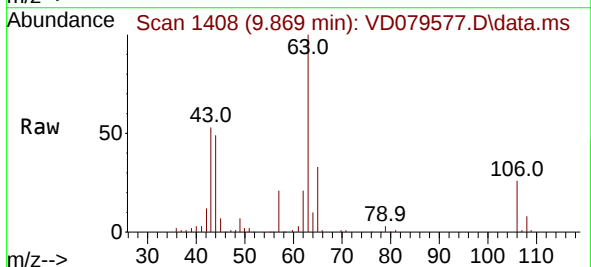
Instrument :
MSVOA_D
ClientSampleId :

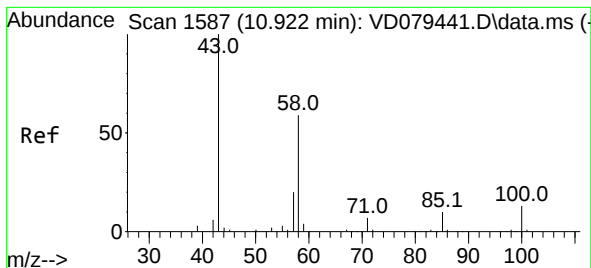
Tgt Ion: 76 Resp: 69904
Ion Ratio Lower Upper
76 100
78 32.0 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 87.313 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

Tgt Ion: 63 Resp: 102279
Ion Ratio Lower Upper
63 100
106 26.8 26.4 39.6





#59

2-Hexanone

Concen: 100.228 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. 0.006 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Instrument :

MSVOA_D

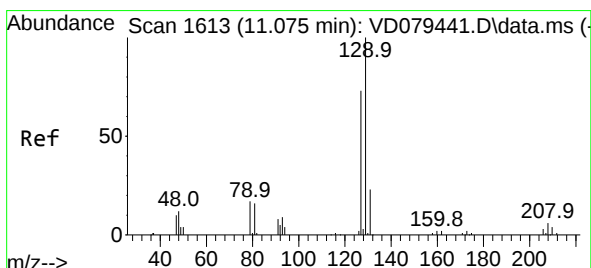
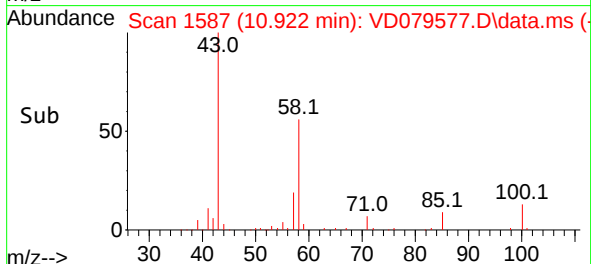
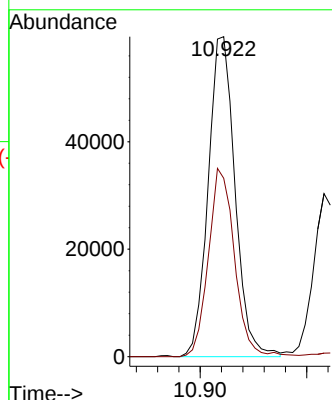
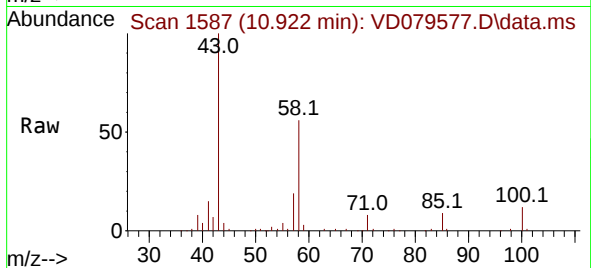
ClientSampleId :

Tgt Ion: 43 Resp: 104440

Ion Ratio Lower Upper

43 100

58 57.2 31.1 93.5



#60

Dibromochloromethane

Concen: 18.123 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. 0.006 min

Lab File: VD079577.D

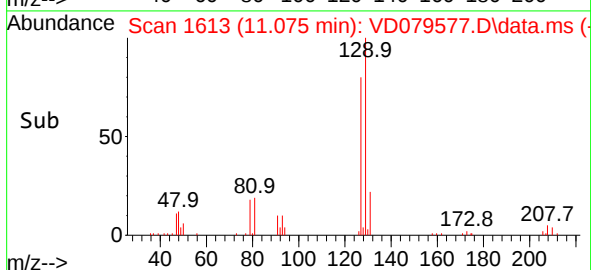
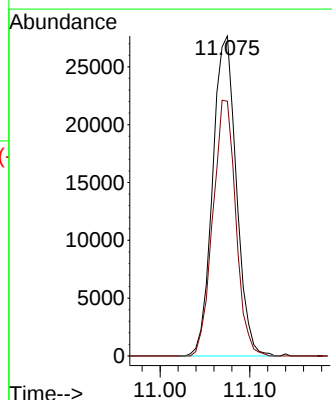
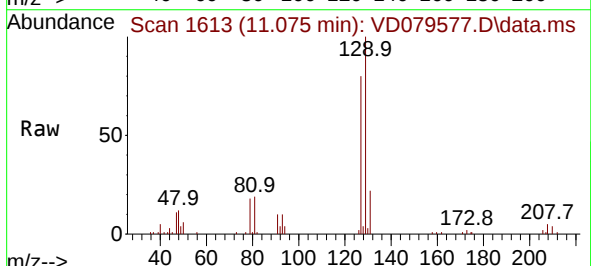
Acq: 05 Aug 2024 13:37

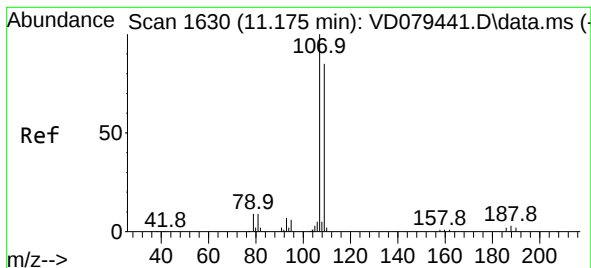
Tgt Ion:129 Resp: 50753

Ion Ratio Lower Upper

129 100

127 77.3 38.0 113.9





#61

1,2-Dibromoethane

Concen: 18.298 ug/l

RT: 11.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Instrument :

MSVOA_D

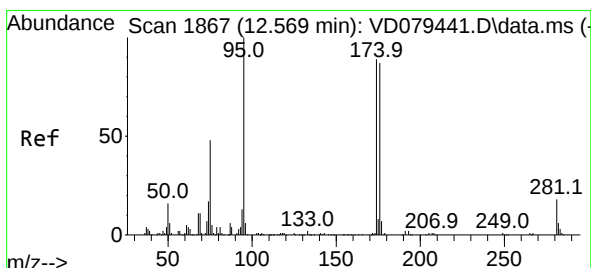
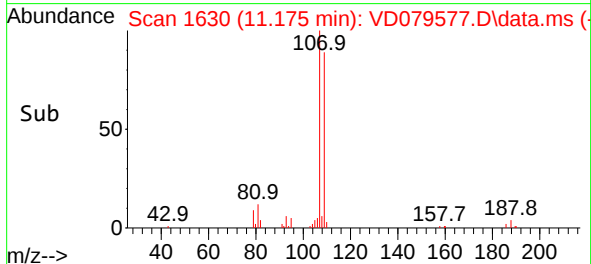
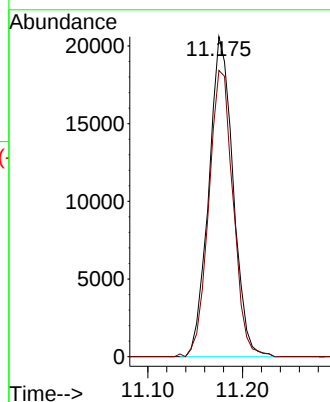
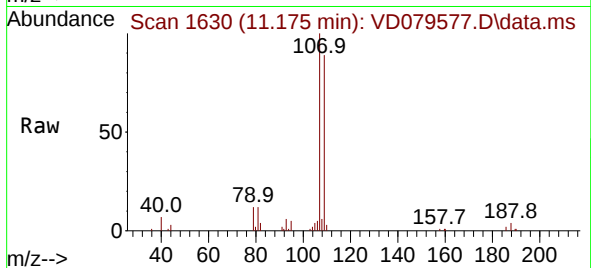
ClientSampleId :

Tgt Ion:107 Resp: 36749

Ion Ratio Lower Upper

107 100

109 89.4 72.0 108.0



#62

4-Bromofluorobenzene

Concen: 45.820 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

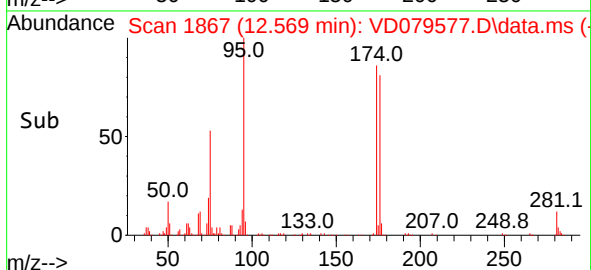
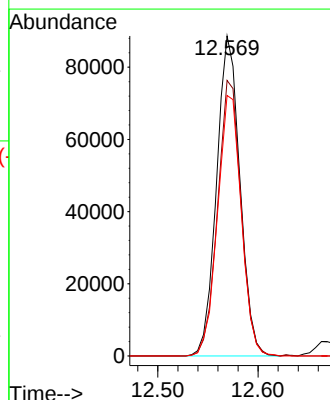
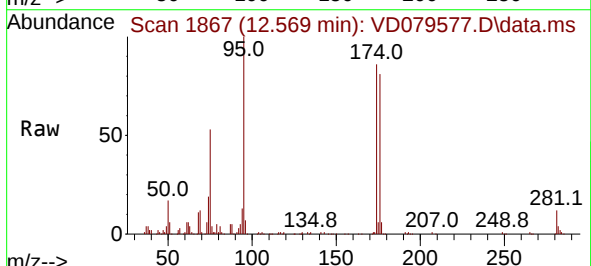
Tgt Ion: 95 Resp: 143275

Ion Ratio Lower Upper

95 100

174 86.4 0.0 195.4

176 83.0 0.0 192.6

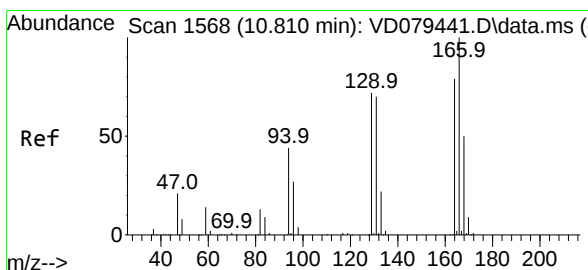
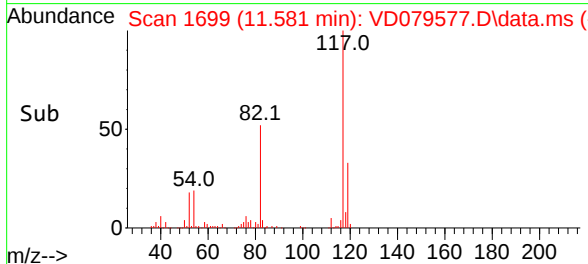
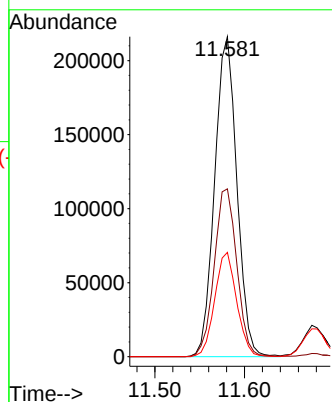
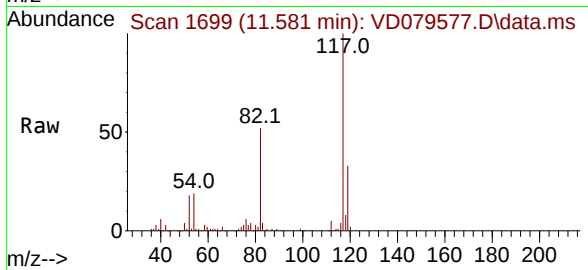




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

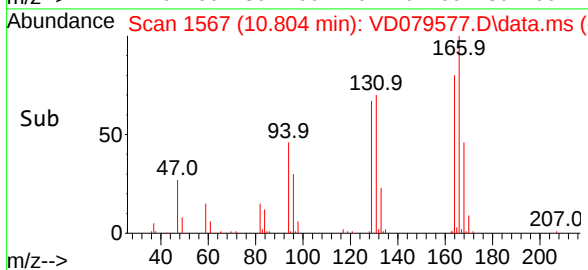
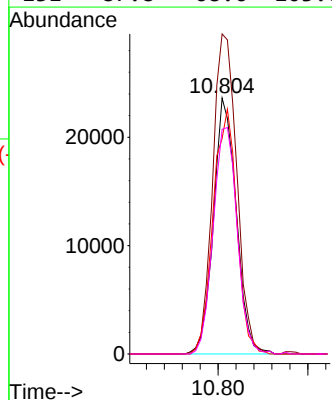
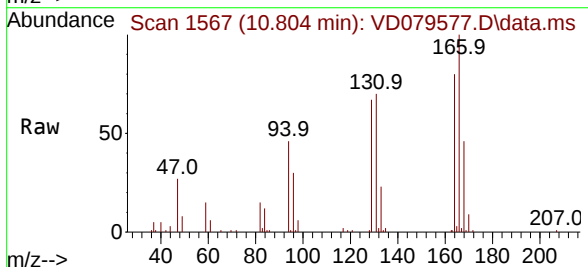
Instrument :
MSVOA_D
ClientSampleId :

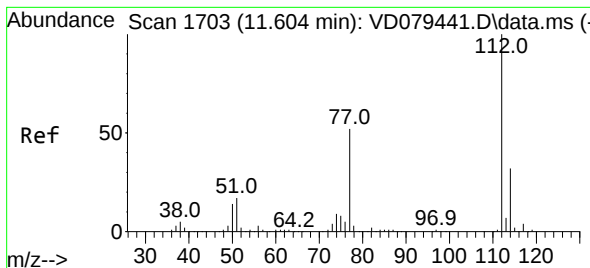
Tgt Ion:117 Resp: 371830
Ion Ratio Lower Upper
117 100
82 52.4 39.8 59.6
119 32.6 25.7 38.5



#64
Tetrachloroethene
Concen: 16.569 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

Tgt Ion:164 Resp: 41542
Ion Ratio Lower Upper
164 100
166 125.1 108.6 163.0
129 84.2 74.6 112.0
131 87.8 68.6 103.0





#65

Chlorobenzene

Concen: 18.086 ug/l

RT: 11.604 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Instrument :

MSVOA_D

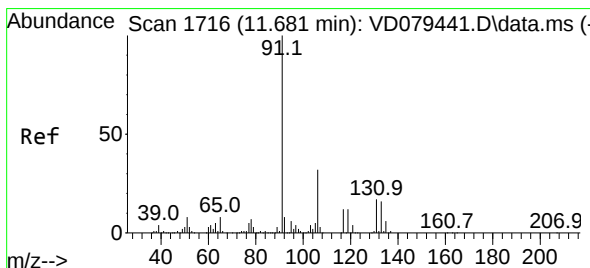
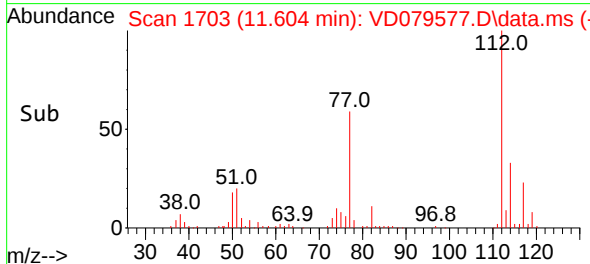
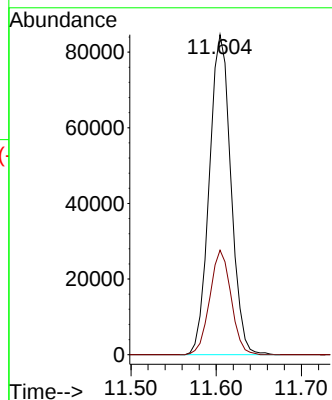
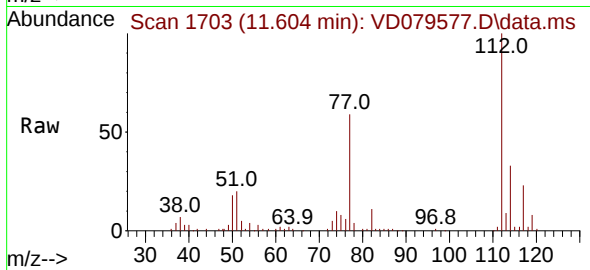
ClientSampleId :

Tgt Ion:112 Resp: 148919

Ion Ratio Lower Upper

112 100

114 32.7 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 18.661 ug/l

RT: 11.675 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

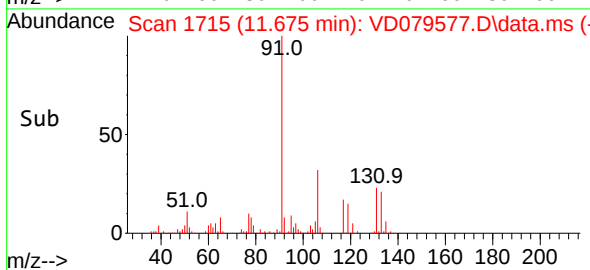
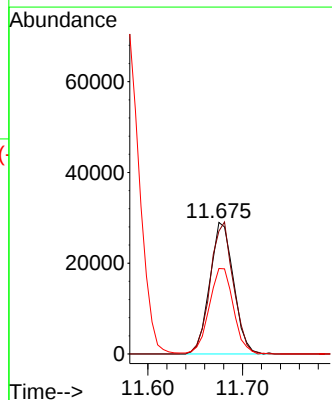
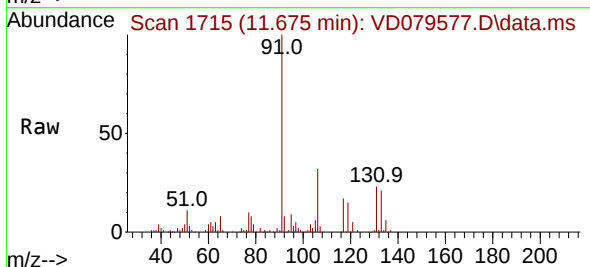
Tgt Ion:131 Resp: 50553

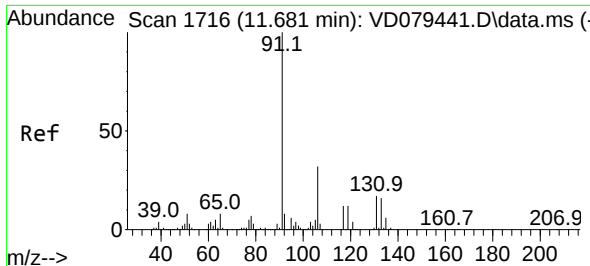
Ion Ratio Lower Upper

131 100

133 98.0 49.2 147.6

119 66.2 33.4 100.2

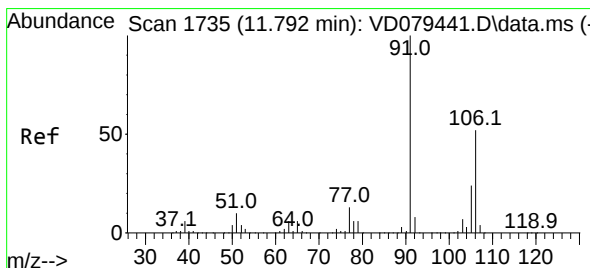
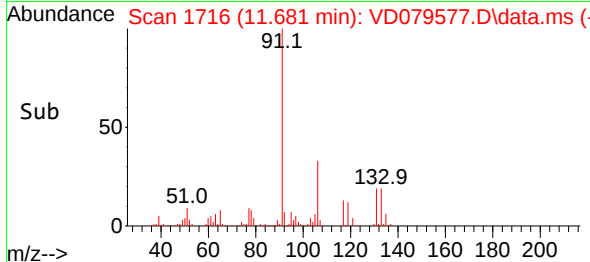
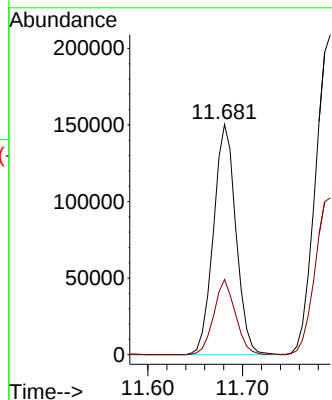
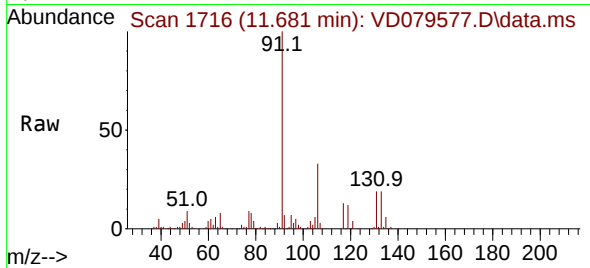




#67
Ethyl Benzene
Concen: 18.404 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

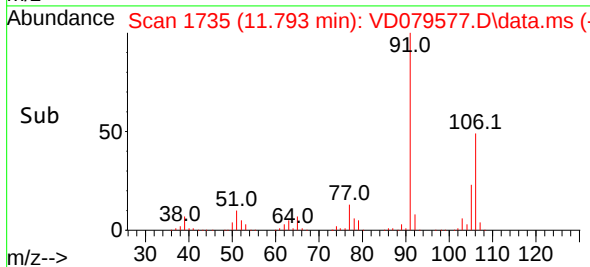
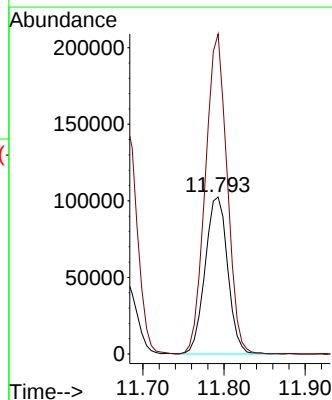
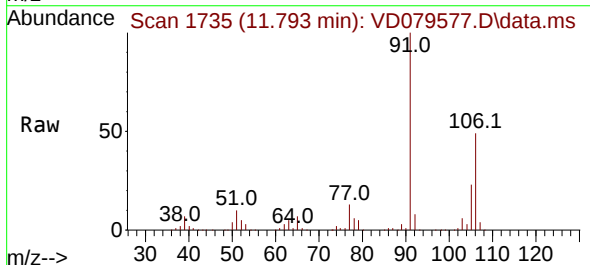
Instrument :
MSVOA_D
ClientSampleId :

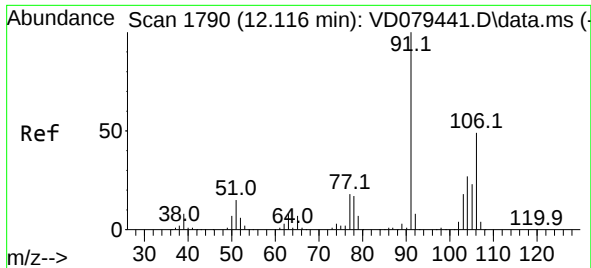
Tgt Ion: 91 Resp: 248071
Ion Ratio Lower Upper
91 100
106 32.7 25.8 38.6



#68
m/p-Xylenes
Concen: 37.031 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

Tgt Ion: 106 Resp: 198029
Ion Ratio Lower Upper
106 100
91 196.0 148.5 222.7

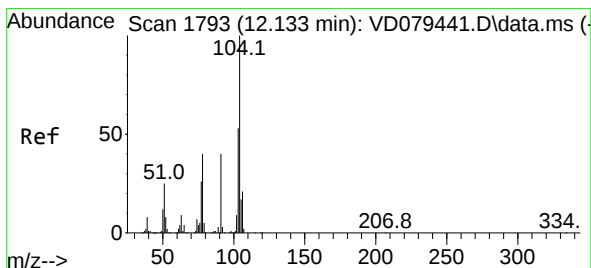
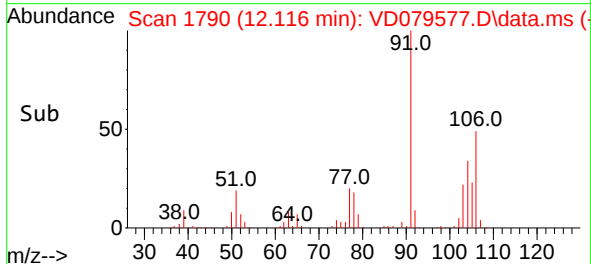
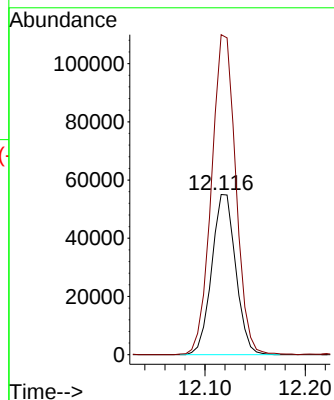
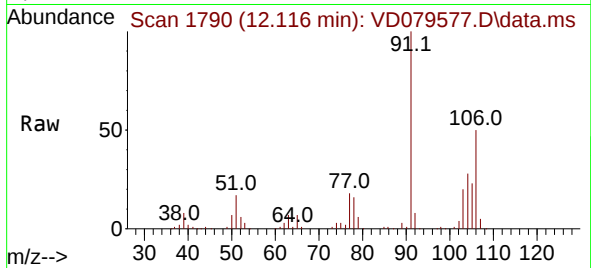




#69
o-Xylene
Concen: 18.672 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

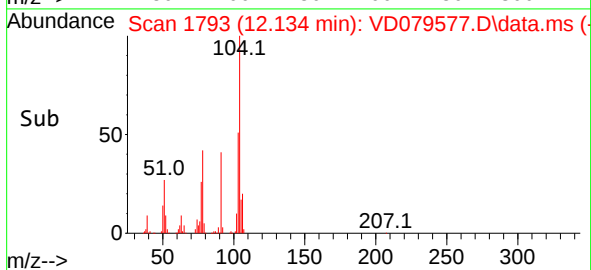
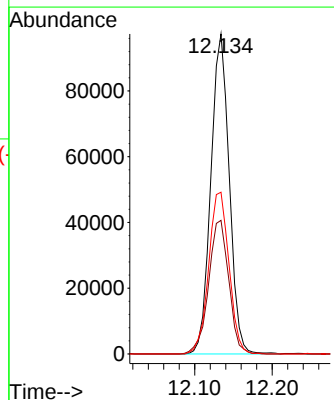
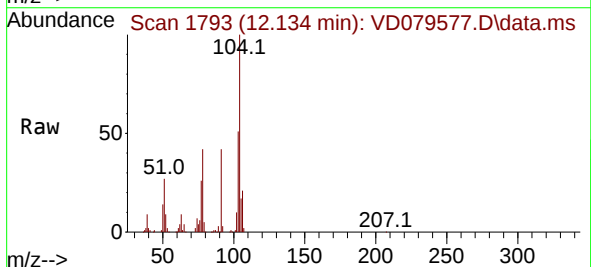
Instrument :
MSVOA_D
ClientSampleId :

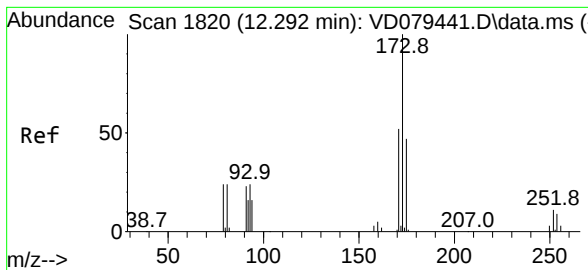
Tgt Ion:106 Resp: 91526
Ion Ratio Lower Upper
106 100
91 202.9 96.7 290.1



#70
Styrene
Concen: 18.694 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

Tgt Ion:104 Resp: 160647
Ion Ratio Lower Upper
104 100
78 45.7 33.0 49.6
103 55.7 44.2 66.4





#71

Bromoform

Concen: 18.324 ug/l

RT: 12.298 min Scan# 1820

Delta R.T. 0.006 min

Lab File: VD079577.D

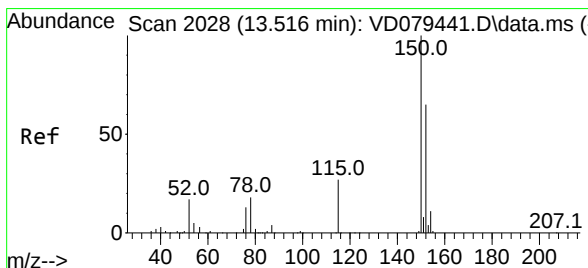
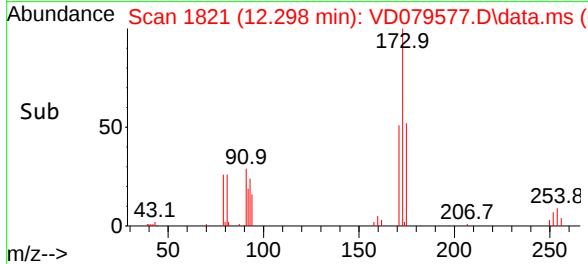
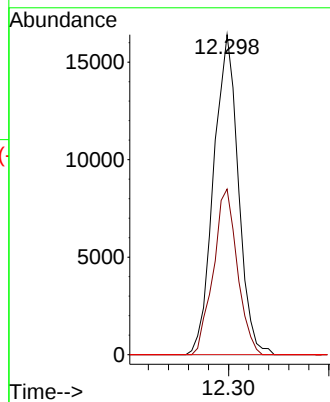
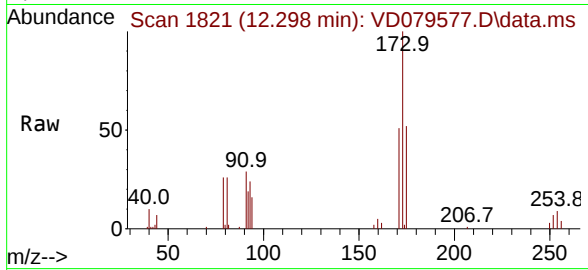
Acq: 05 Aug 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	28063
Ion Ratio	Lower	Upper
173	100	
175	50.1	23.7 71.1
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

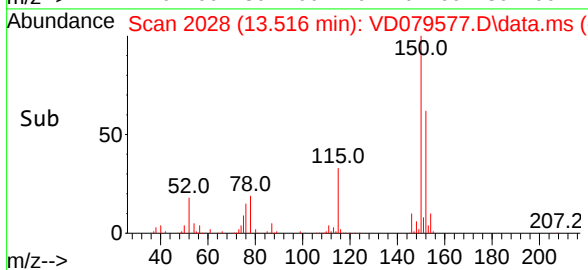
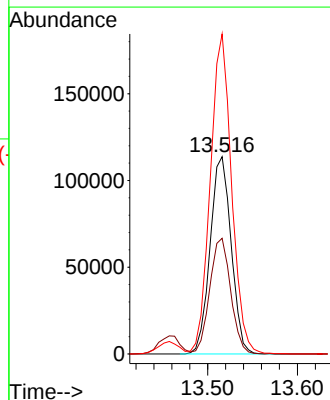
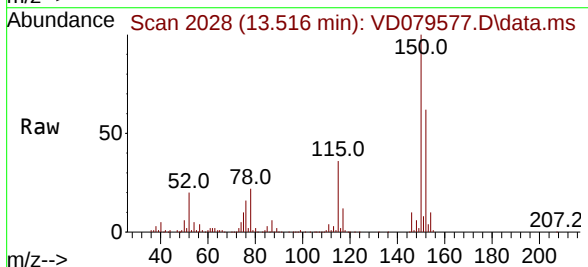
RT: 13.516 min Scan# 2028

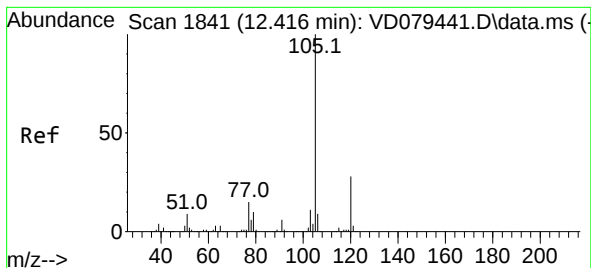
Delta R.T. 0.006 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Tgt Ion:152	Resp:	185307
Ion Ratio	Lower	Upper
152	100	
115	58.4	26.5 79.5
150	164.2	0.0 341.6





#73

Isopropylbenzene

Concen: 19.388 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Instrument :

MSVOA_D

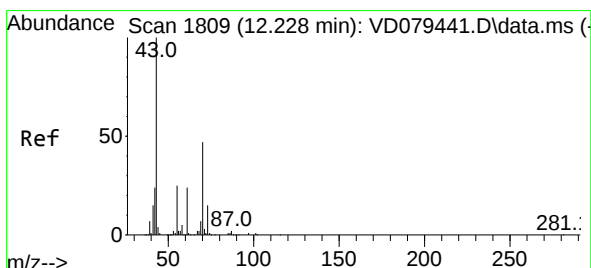
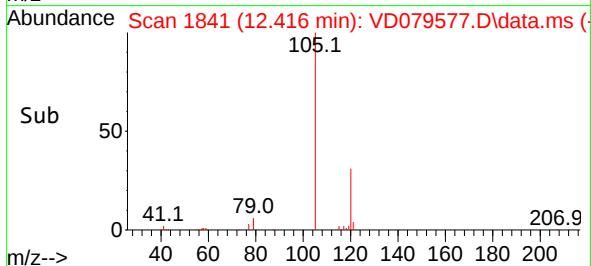
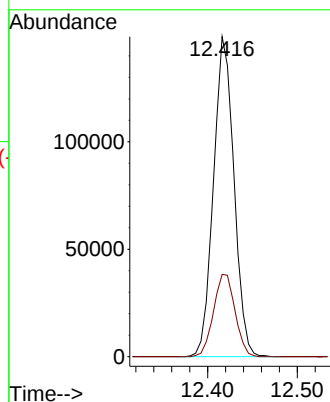
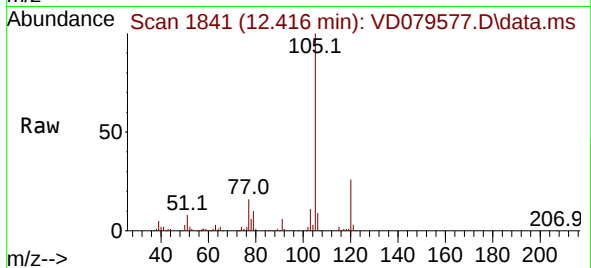
ClientSampleId :

Tgt Ion:105 Resp: 235849

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7



#74

N-ethyl acetate

Concen: 20.326 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Tgt Ion: 43 Resp: 55399

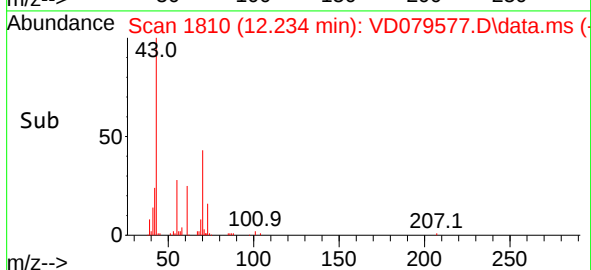
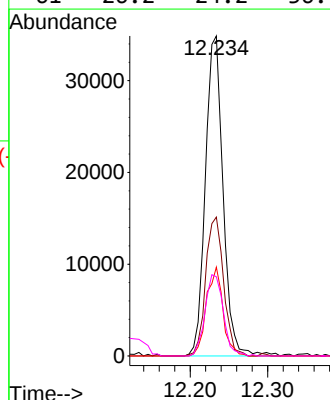
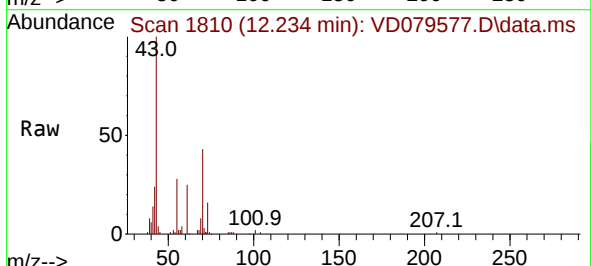
Ion Ratio Lower Upper

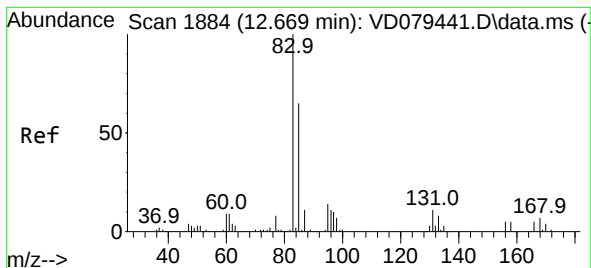
43 100

70 43.9 44.3 66.5#

55 25.8 23.2 34.8

61 26.2 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.437 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

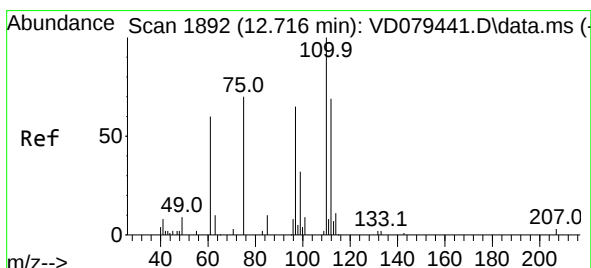
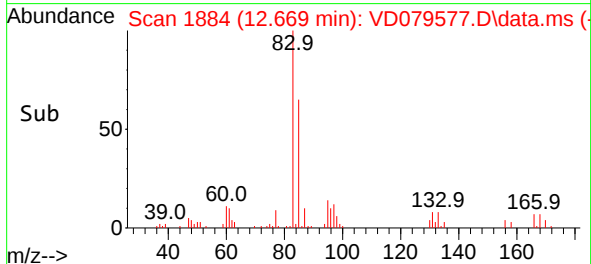
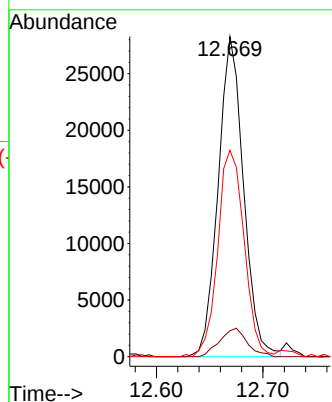
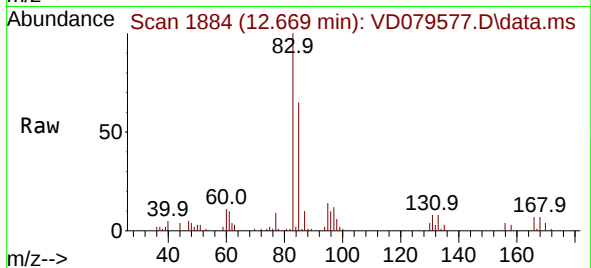
Tgt Ion: 83 Resp: 46792

Ion Ratio Lower Upper

83 100

131 9.6 5.5 16.5

85 66.8 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 35.595 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079577.D

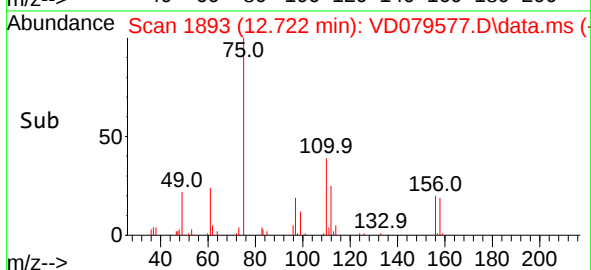
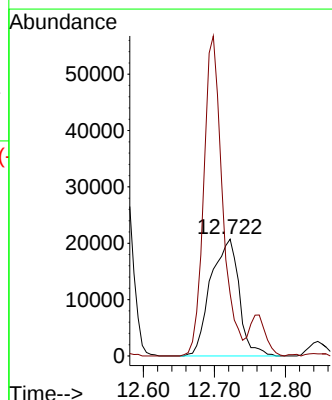
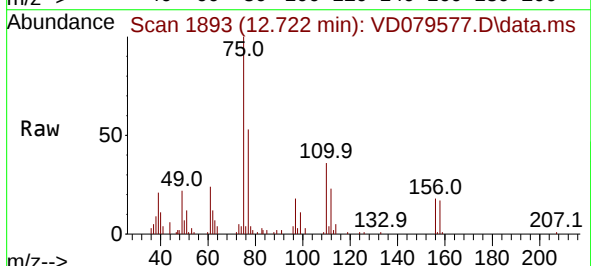
Acq: 05 Aug 2024 13:37

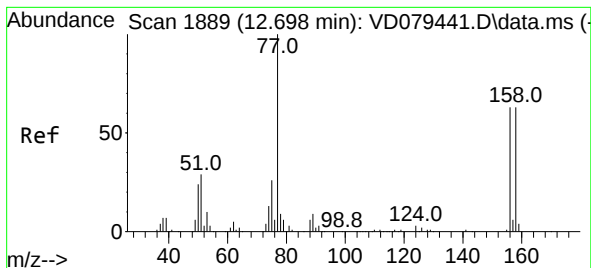
Tgt Ion: 75 Resp: 57656

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 17.777 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

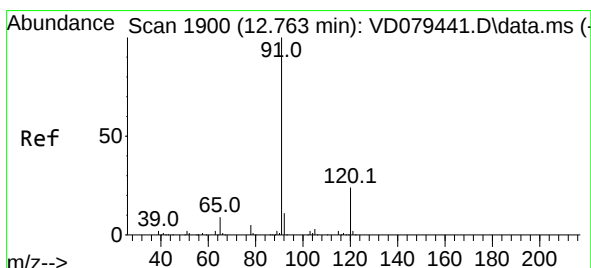
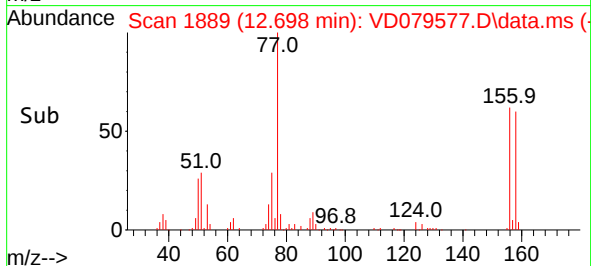
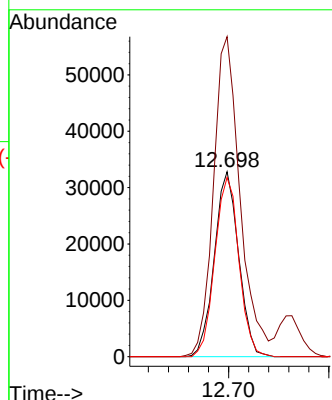
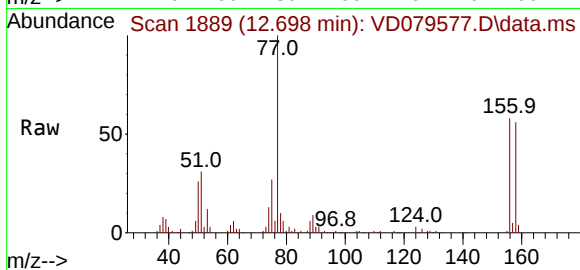
Tgt Ion:156 Resp: 55235

Ion Ratio Lower Upper

156 100

77 188.6 77.3 231.9

158 95.9 49.6 149.0



#78

n-propylbenzene

Concen: 19.169 ug/l

RT: 12.757 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VD079577.D

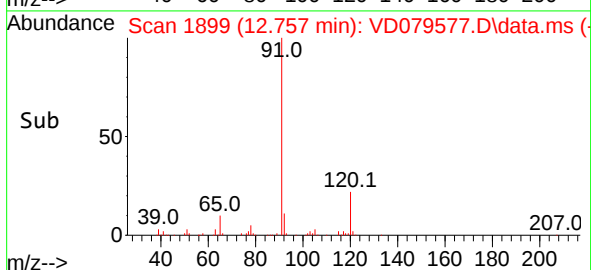
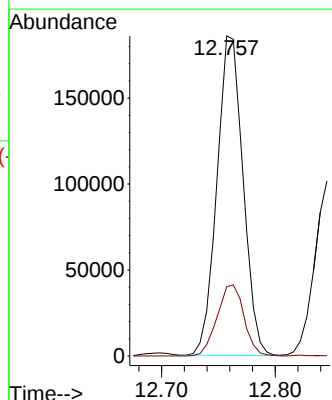
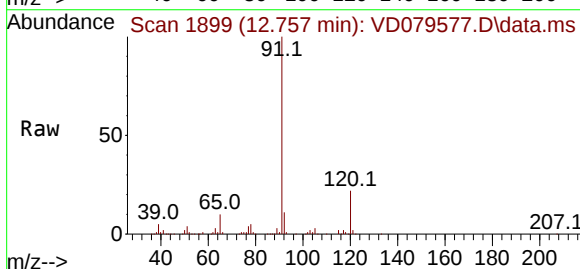
Acq: 05 Aug 2024 13:37

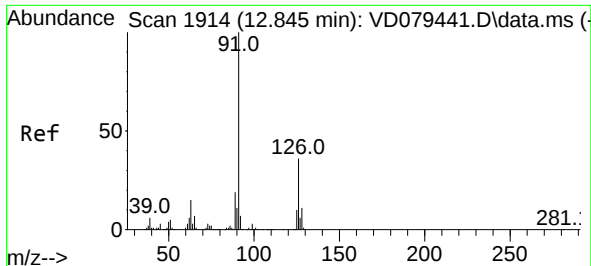
Tgt Ion: 91 Resp: 296925

Ion Ratio Lower Upper

91 100

120 22.9 12.3 36.8





#79

2-Chlorotoluene

Concen: 18.985 ug/l

RT: 12.846 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Instrument :

MSVOA_D

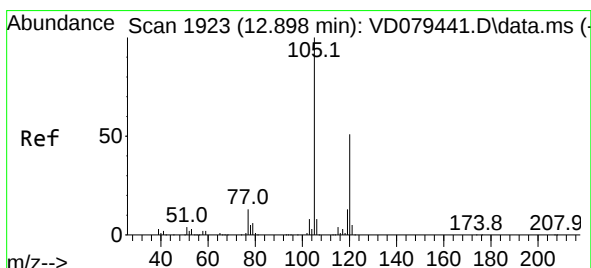
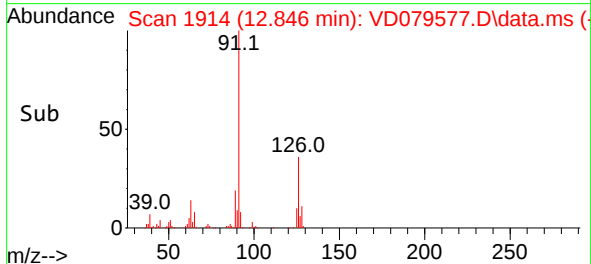
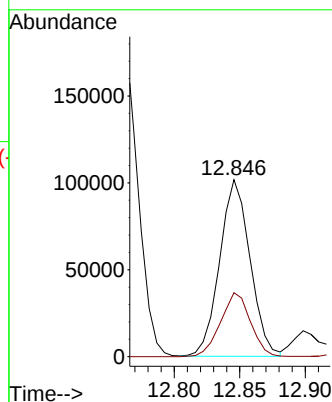
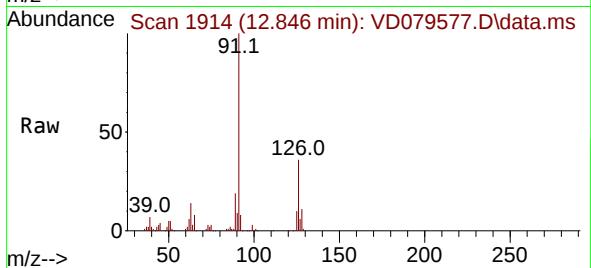
ClientSampleId :

Tgt Ion: 91 Resp: 163742

Ion Ratio Lower Upper

91 100

126 35.8 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 18.948 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. -0.006 min

Lab File: VD079577.D

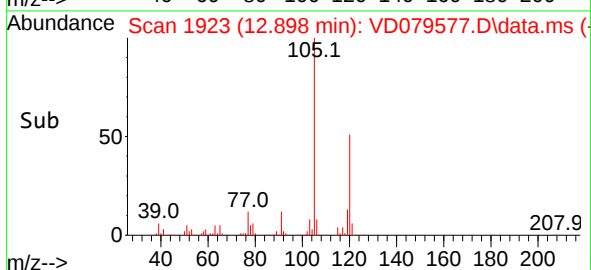
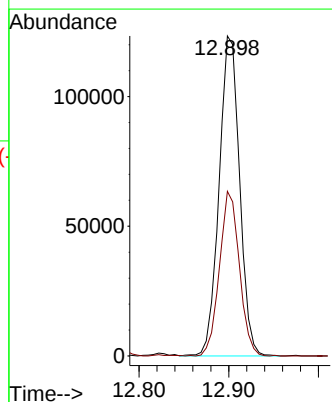
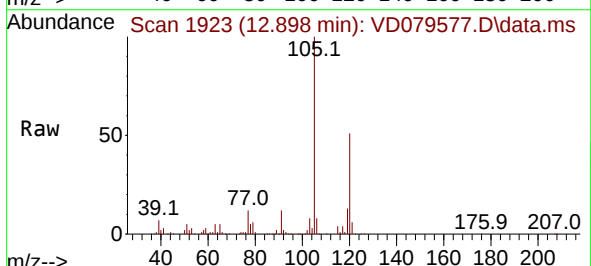
Acq: 05 Aug 2024 13:37

Tgt Ion: 105 Resp: 195587

Ion Ratio Lower Upper

105 100

120 50.0 25.7 77.1

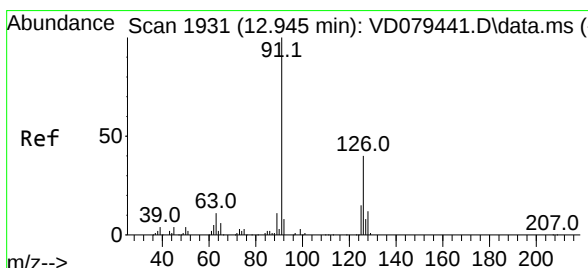
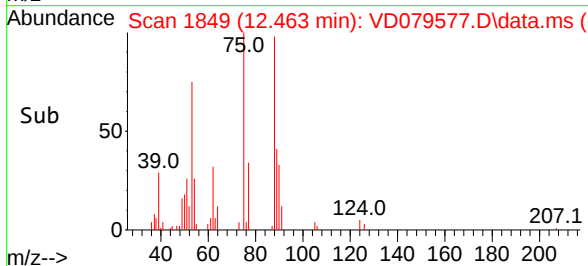
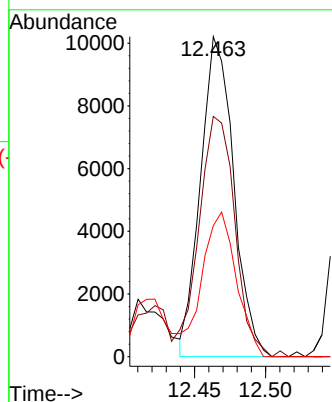
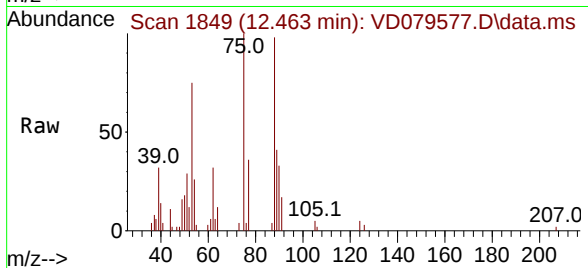




#81
trans-1,4-Dichloro-2-butene
Concen: 19.425 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

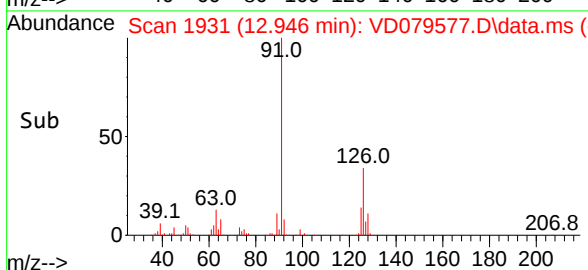
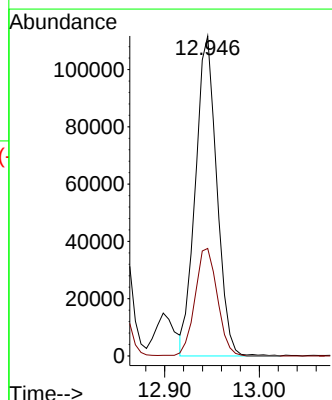
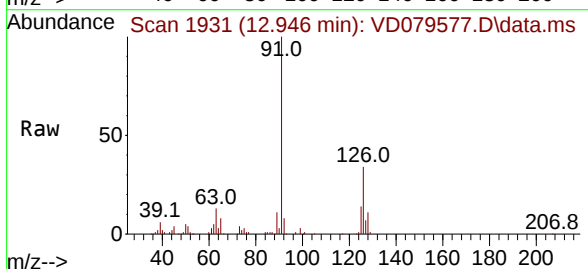
Instrument :
MSVOA_D
ClientSampleId :

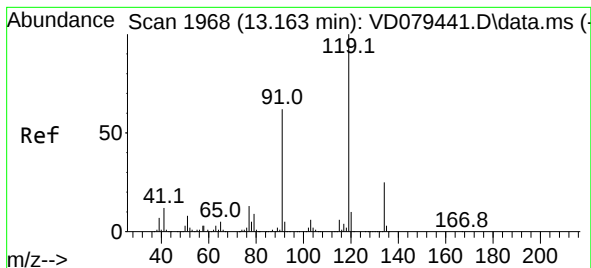
Tgt Ion	Ratio	Lower	Upper
75	100		
53	81.8	61.4	92.2
89	46.8	35.4	53.0



#82
4-Chlorotoluene
Concen: 19.474 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	18.9	56.9

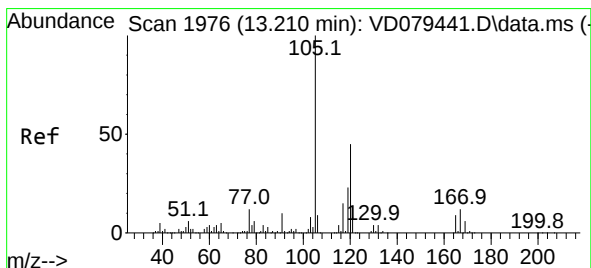
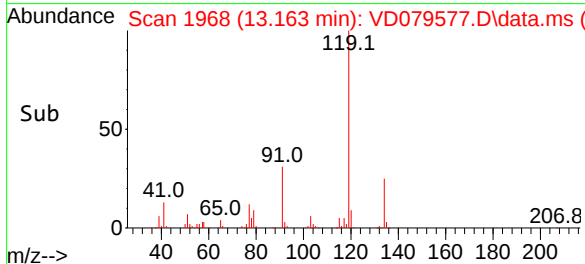
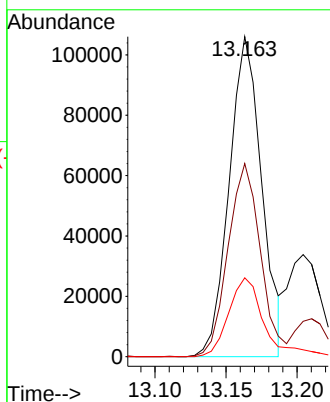
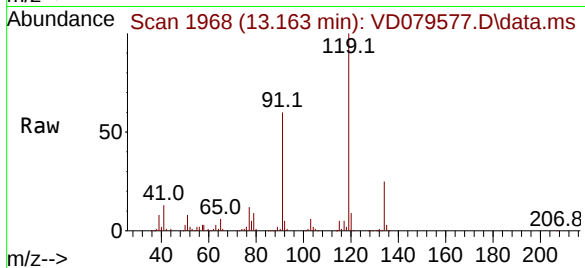




#83
 tert-Butylbenzene
 Concen: 19.326 ug/l
 RT: 13.163 min Scan# 1968
 Delta R.T. 0.000 min
 Lab File: VD079577.D
 Acq: 05 Aug 2024 13:37

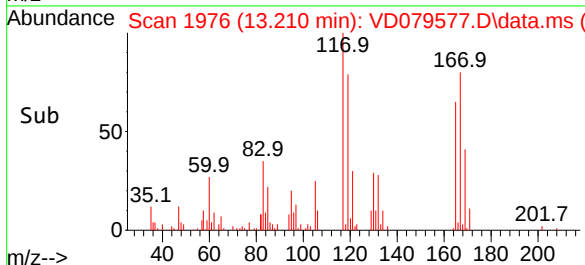
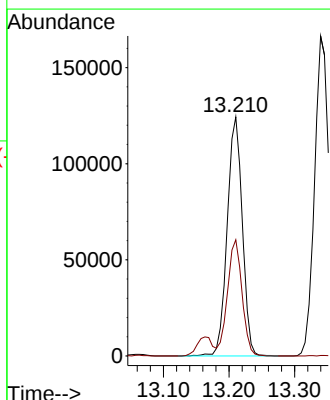
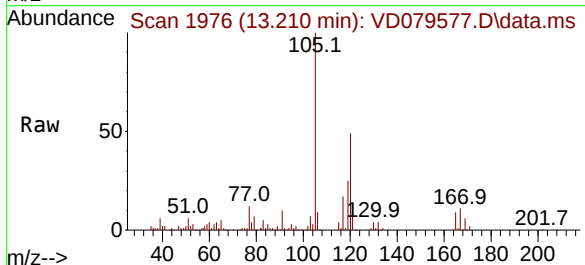
Instrument :
 MSVOA_D
 ClientSampleId :

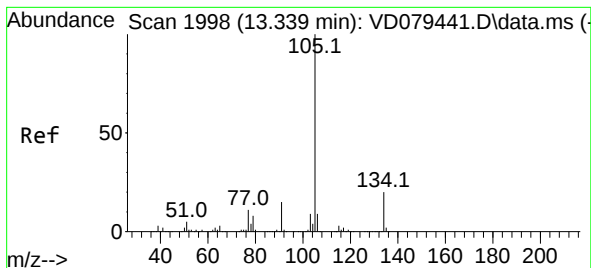
Tgt Ion:119 Resp: 169244
 Ion Ratio Lower Upper
 119 100
 91 60.2 28.2 84.7
 134 26.8 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.381 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.006 min
 Lab File: VD079577.D
 Acq: 05 Aug 2024 13:37

Tgt Ion:105 Resp: 198898
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.6 71.0





#85

sec-Butylbenzene

Concen: 18.802 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Instrument :

MSVOA_D

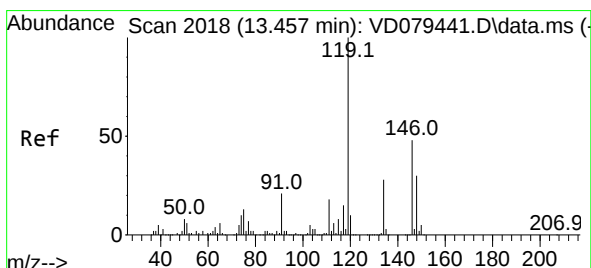
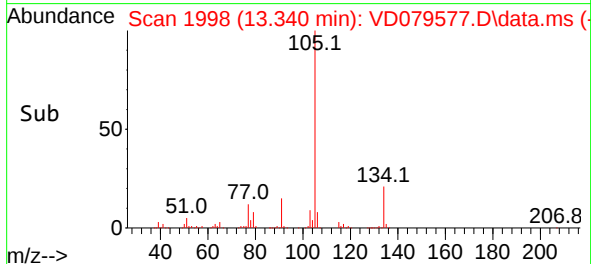
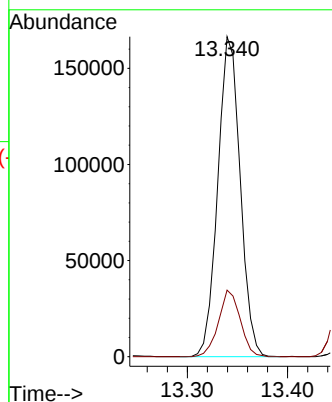
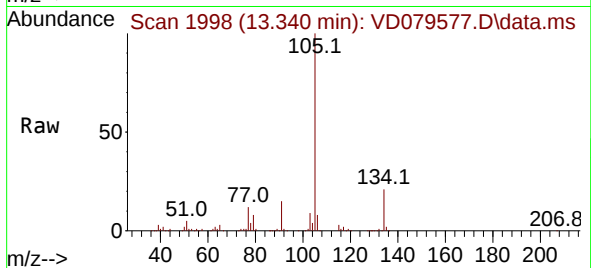
ClientSampleId :

Tgt Ion:105 Resp: 258151

Ion Ratio Lower Upper

105 100

134 20.2 10.3 30.8



#86

p-Isopropyltoluene

Concen: 19.363 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

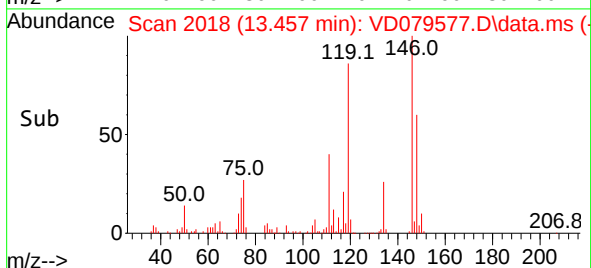
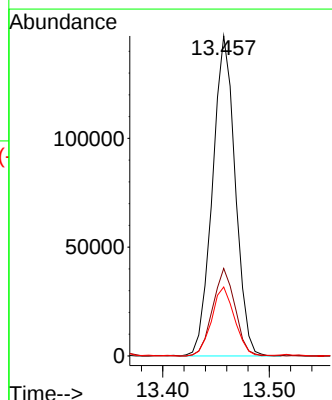
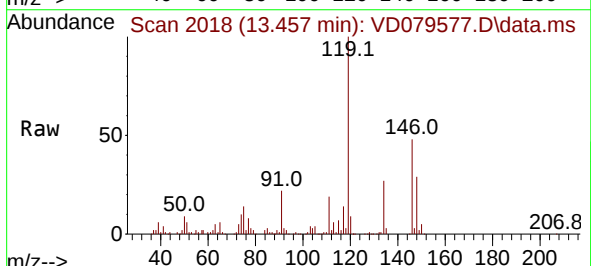
Tgt Ion:119 Resp: 218020

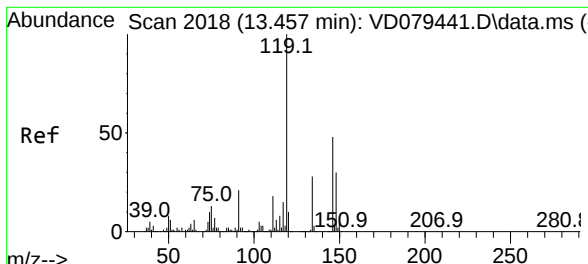
Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.1

91 21.9 10.7 32.1

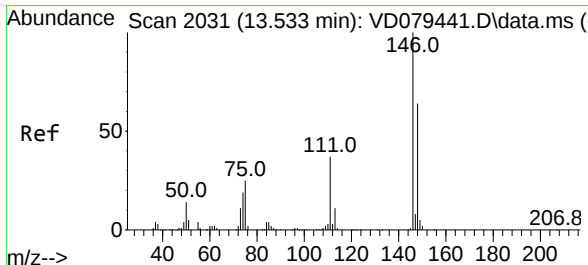
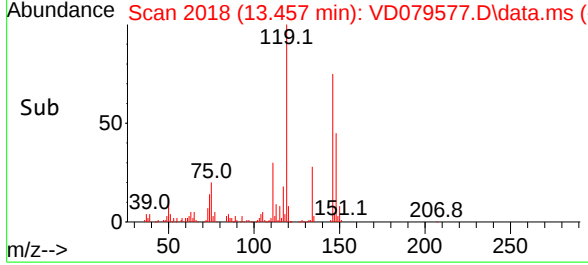
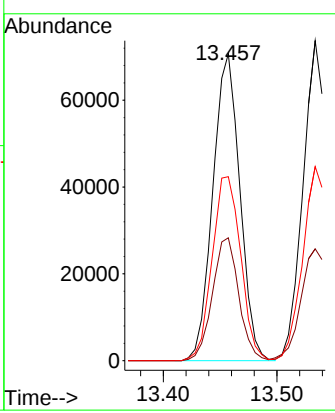
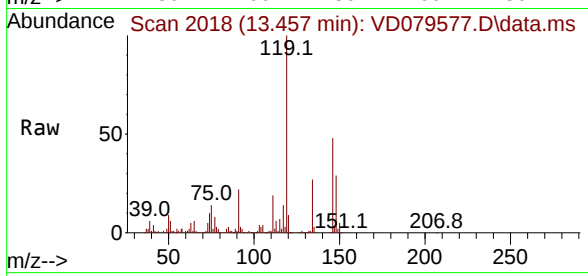




#87
 1,3-Dichlorobenzene
 Concen: 18.161 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD079577.D
 Acq: 05 Aug 2024 13:37

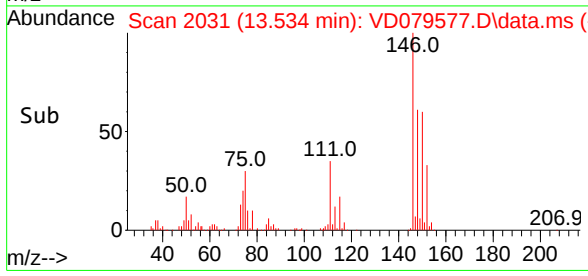
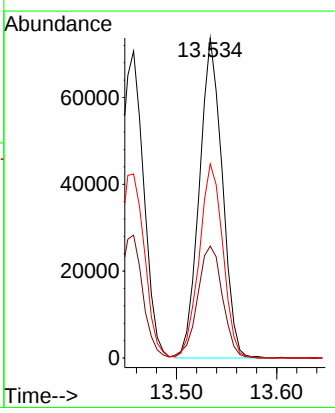
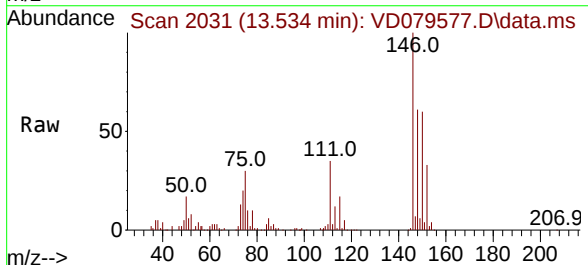
Instrument :
 MSVOA_D
 ClientSampleId :

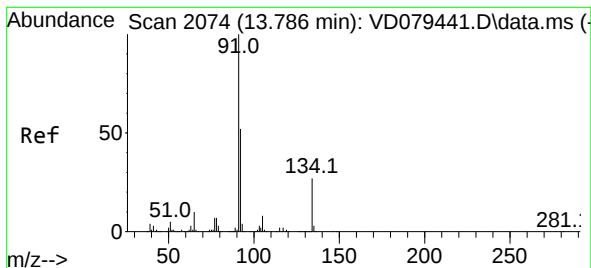
Tgt Ion:	146	Resp:	116891
Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.5	55.5
148	63.3	30.9	92.8



#88
 1,4-Dichlorobenzene
 Concen: 18.505 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VD079577.D
 Acq: 05 Aug 2024 13:37

Tgt Ion:	146	Resp:	117094
Ion	Ratio	Lower	Upper
146	100		
111	38.1	17.5	52.6
148	62.8	31.4	94.2





#89

n-Butylbenzene

Concen: 19.463 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

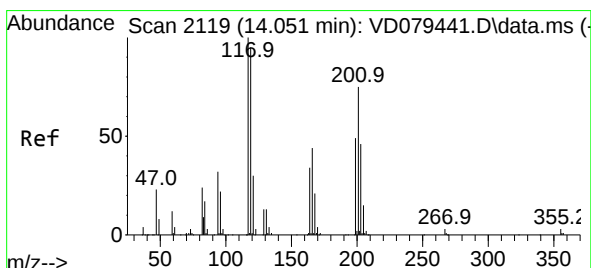
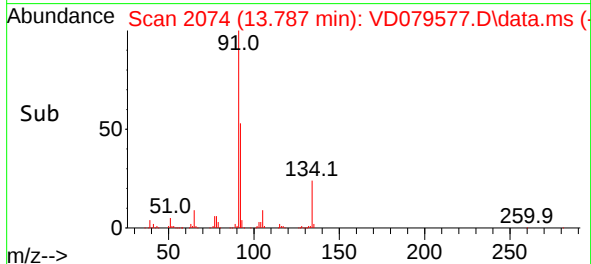
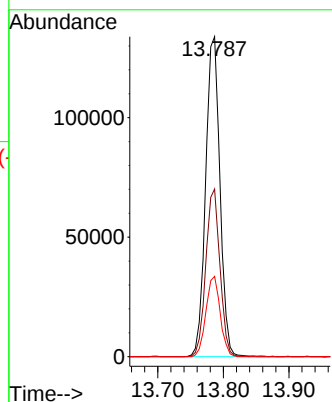
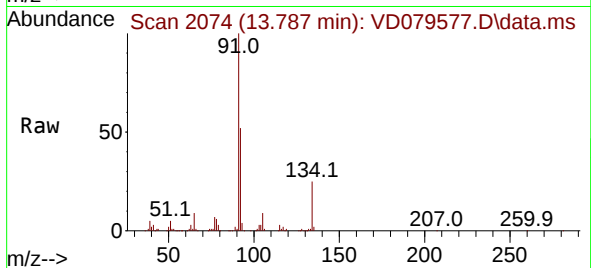
Tgt Ion: 91 Resp: 203521

Ion Ratio Lower Upper

91 100

92 51.7 25.7 77.0

134 25.0 13.6 40.8



#90

Hexachloroethane

Concen: 18.141 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.006 min

Lab File: VD079577.D

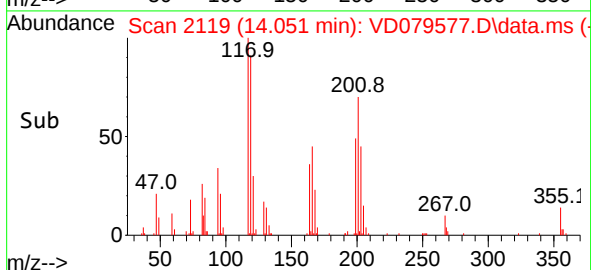
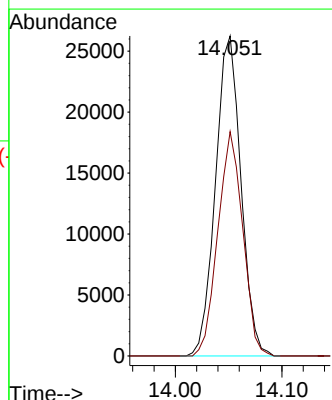
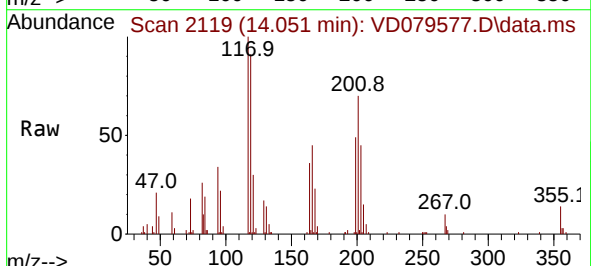
Acq: 05 Aug 2024 13:37

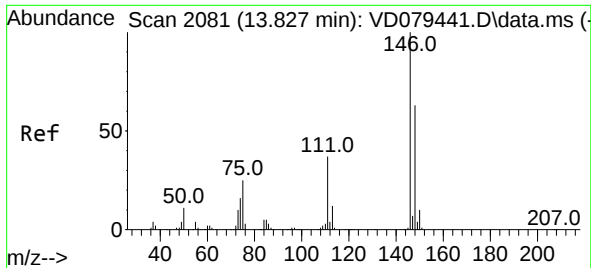
Tgt Ion: 117 Resp: 43564

Ion Ratio Lower Upper

117 100

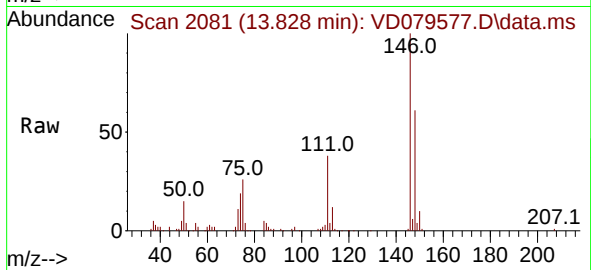
201 68.5 36.3 108.9



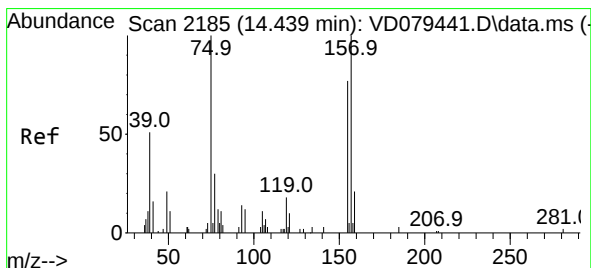
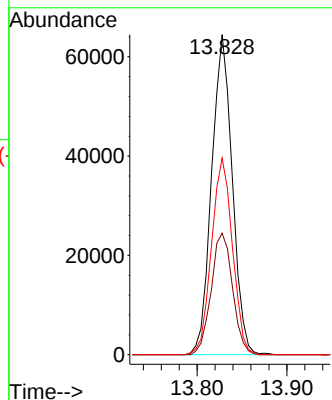
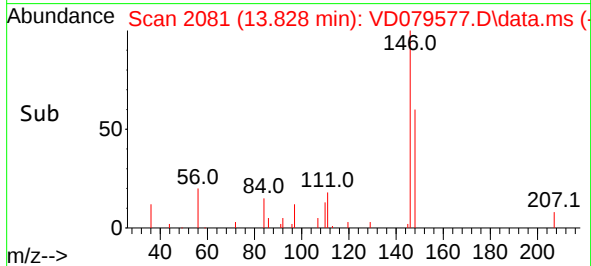


#91
1,2-Dichlorobenzene
Concen: 18.704 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37

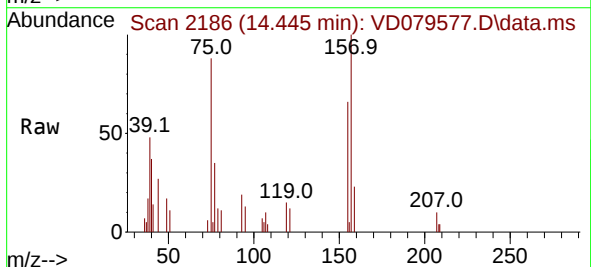
Instrument :
MSVOA_D
ClientSampleId :



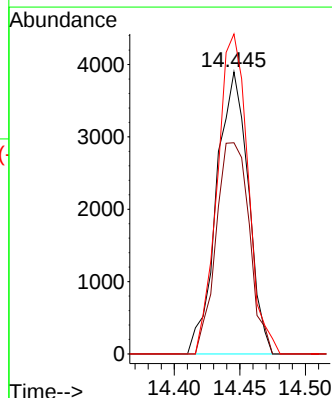
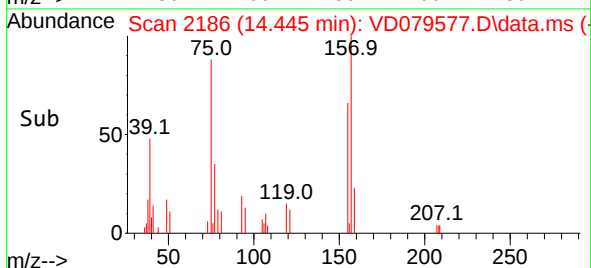
Tgt Ion:146 Resp: 102884
Ion Ratio Lower Upper
146 100
111 39.3 19.1 57.1
148 62.3 31.1 93.5

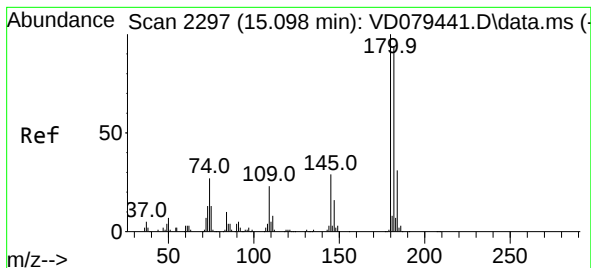


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.449 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD079577.D
Acq: 05 Aug 2024 13:37



Tgt Ion: 75 Resp: 6550
Ion Ratio Lower Upper
75 100
155 78.4 47.7 143.1
157 109.6 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 17.558 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

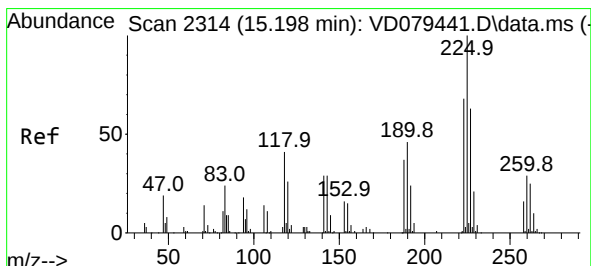
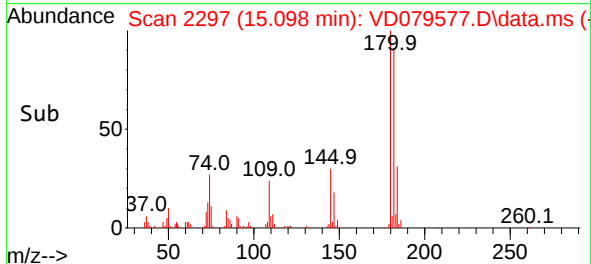
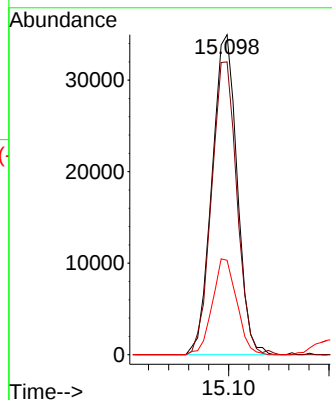
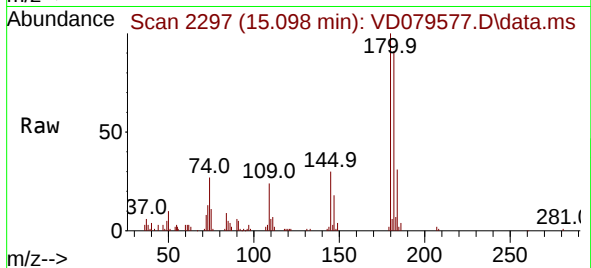
Tgt Ion:180 Resp: 60853

Ion Ratio Lower Upper

180 100

182 92.3 46.9 140.7

145 29.0 14.0 41.9



#94

Hexachlorobutadiene

Concen: 17.439 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. 0.000 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

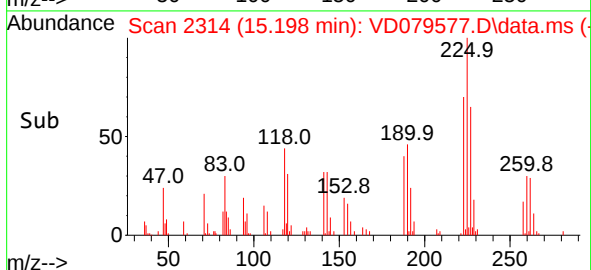
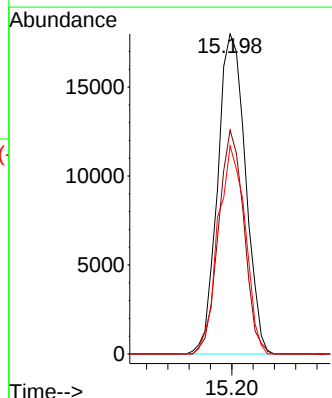
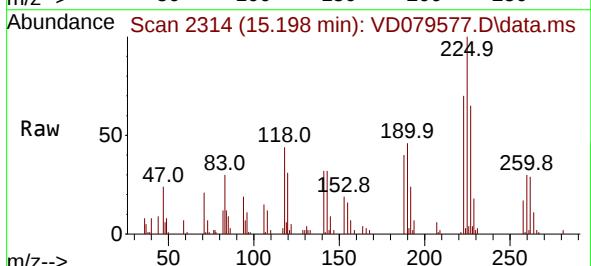
Tgt Ion:225 Resp: 32620

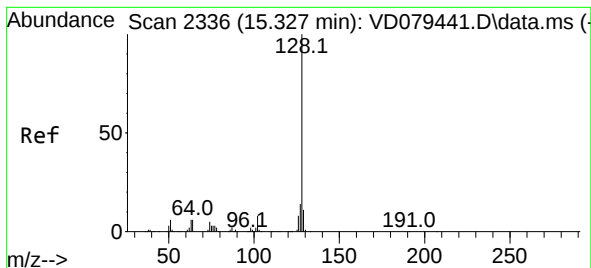
Ion Ratio Lower Upper

225 100

223 64.1 33.3 99.9

227 63.7 33.6 100.6





#95

Naphthalene

Concen: 18.704 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

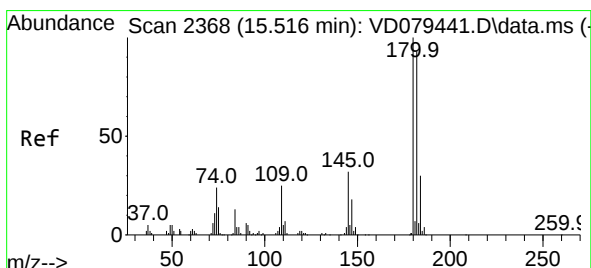
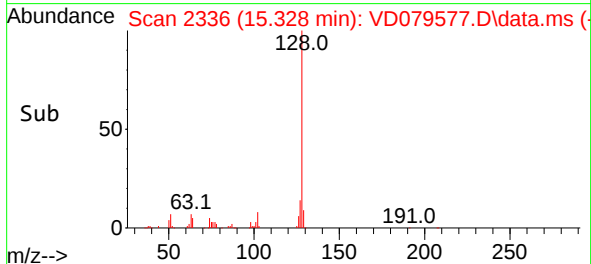
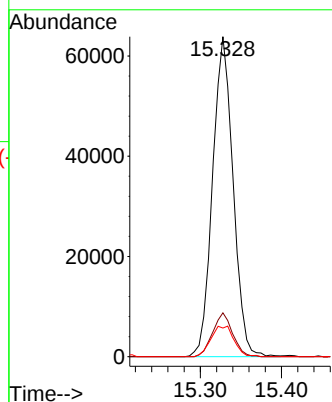
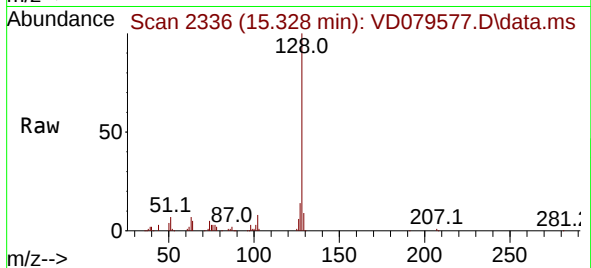
Tgt Ion:128 Resp: 112197

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

129 9.0 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 17.324 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD079577.D

Acq: 05 Aug 2024 13:37

Tgt Ion:180 Resp: 52815

Ion Ratio Lower Upper

180 100

182 95.8 47.8 143.3

145 29.8 16.1 48.2

