

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111224\
 Data File : VD079999.D
 Acq On : 12 Nov 2024 16:56
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 13 03:25:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 13 03:23:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	252067	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	244405	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	129196	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	87773	23.361	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.440%
7) Chloroethane-d5	2.799	69	78242	25.136	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.560%
11) 1,1-Dichloroethene-d2	3.916	65	36991	24.016	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.080%
21) 2-Butanone-d5	6.987	46	44267	55.957	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.920%
24) Chloroform-d	7.569	84	202528	28.290	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.160%
26) 1,2-Dichloroethane-d4	8.234	65	103274	26.604	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	8.204	84	376461	26.784	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.120%
36) 1,2-Dichloropropane-d6	9.210	67	119824	26.426	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.720%
41) Toluene-d8	10.269	98	349772	27.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.360%
43) trans-1,3-Dichloroprop...	10.522	79	50601	27.728	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.920%
47) 2-Hexanone-d5	10.875	63	41461	62.104	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.200%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	103989	28.632	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.520%
66) 1,2-Dichlorobenzene-d4	13.810	152	122018	27.253	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	91185	23.789	ug/L	99
3) Chloromethane	2.146	50	80552	25.693	ug/L	98
5) Vinyl chloride	2.281	62	100077	25.425	ug/L	99
6) Bromomethane	2.693	94	74738	26.874	ug/L	96
8) Chloroethane	2.834	64	61522	24.547	ug/L	99
9) Trichlorofluoromethane	3.175	101	166678	25.318	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	102475	25.741	ug/L	96
12) 1,1-Dichloroethene	3.940	96	87840	26.009	ug/L	88
13) Acetone	4.016	43	50810	54.149	ug/L	97
14) Carbon disulfide	4.269	76	281923	24.990	ug/L	100
15) Methyl Acetate	4.563	43	38980	26.481	ug/L #	90
16) Methylene chloride	4.799	84	102341	24.469	ug/L	93
17) trans-1,2-Dichloroethene	5.310	96	91713	24.665	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	192091	26.559	ug/L	99
19) 1,1-Dichloroethane	6.110	63	180058	25.917	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	102769	25.336	ug/L	99
22) 2-Butanone	7.081	43	59458	53.390	ug/L	99
23) Bromochloromethane	7.428	128	50509	25.075	ug/L	91
25) Chloroform	7.599	83	194271	24.190	ug/L	100

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 Quant Title : SFAM01.0
 QLast Update : Wed Nov 13 03:23:57 2024
 Response via : Initial Calibration

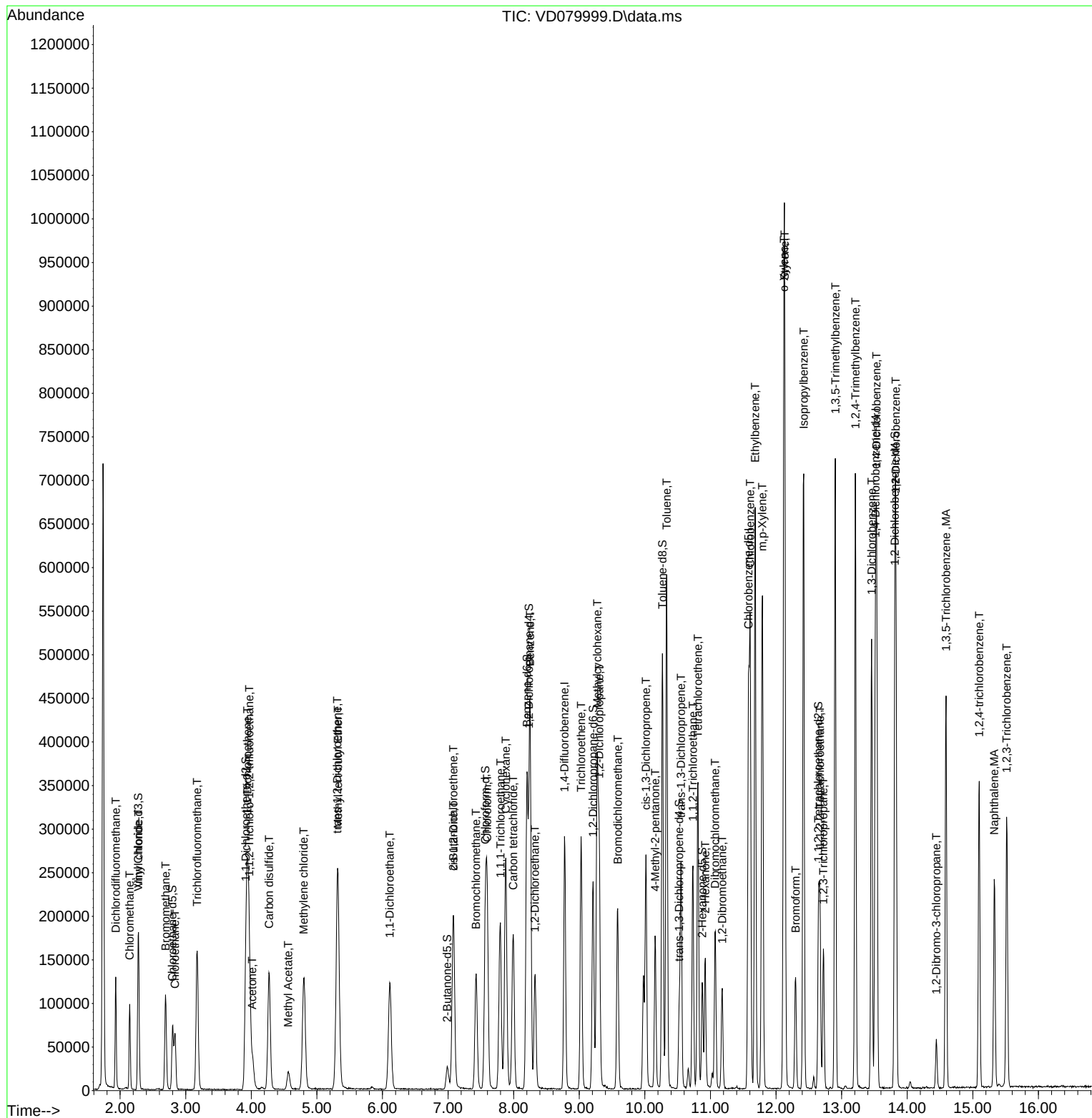
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	118073	25.177	ug/L	95
29) Cyclohexane	7.881	56	137452	26.014	ug/L	100
30) 1,1,1-Trichloroethane	7.799	97	161556	25.832	ug/L	98
31) Carbon tetrachloride	7.993	117	140752	25.632	ug/L	99
33) Benzene	8.251	78	403922	26.446	ug/L	100
34) Trichloroethene	9.028	95	103176	25.190	ug/L	96
35) Methylcyclohexane	9.275	83	153024	25.561	ug/L	98
37) 1,2-Dichloropropane	9.304	63	111121	26.045	ug/L	99
38) Bromodichloromethane	9.587	83	142595	26.227	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	163576	26.540	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	113023	56.104	ug/L	99
42) Toluene	10.334	91	446195	26.744	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	140611	26.487	ug/L	94
45) 1,1,2-Trichloroethane	10.734	97	84216	25.909	ug/L	98
46) Tetrachloroethene	10.810	164	83772	24.046	ug/L	95
48) 2-Hexanone	10.922	43	94625	58.250	ug/L	96
49) Dibromochloromethane	11.069	129	98120	25.631	ug/L	98
50) 1,2-Dibromoethane	11.181	107	76607	25.831	ug/L	98
51) Chlorobenzene	11.604	112	276042	25.236	ug/L	96
52) Ethylbenzene	11.681	91	479639	26.639	ug/L	97
53) m,p-Xylene	11.792	106	182294	27.001	ug/L	90
54) o-Xylene	12.122	106	173239	26.922	ug/L	98
55) Styrene	12.134	104	315264	27.233	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	97367	25.790	ug/L	98
59) Bromoform	12.298	173	61603	25.835	ug/L	99
60) Isopropylbenzene	12.422	105	467221	26.456	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	67700	26.885	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	382244	27.559	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	361851	26.202	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	217473	25.087	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	225517	24.834	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	198817	24.823	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	14650	26.698	ug/L	94
69) 1,3,5-Trichlorobenzene	14.592	180	144886	24.743	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	117961	23.908	ug/L	98
71) Naphthalene	15.328	128	207098	24.568	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	106620	24.477	ug/L	96

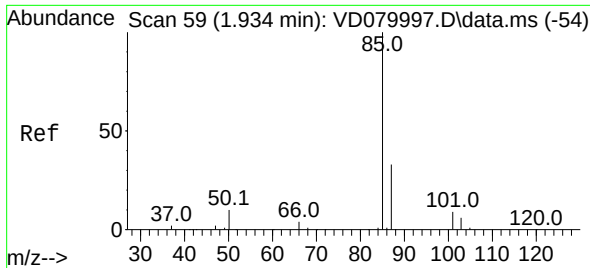
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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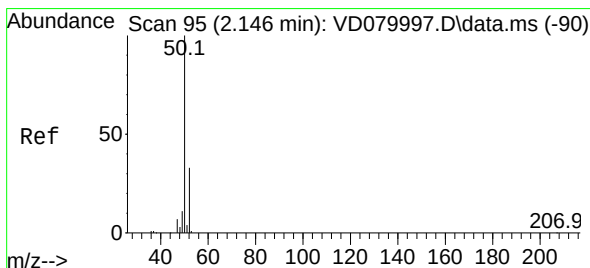
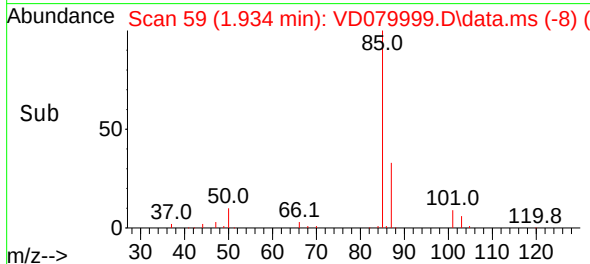
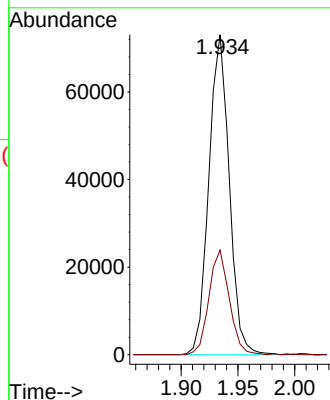
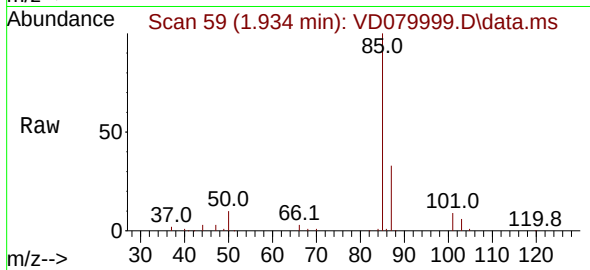




#2
 Dichlorodifluoromethane
 Concen: 23.789 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079999.D
 Acq: 12 Nov 2024 16:56

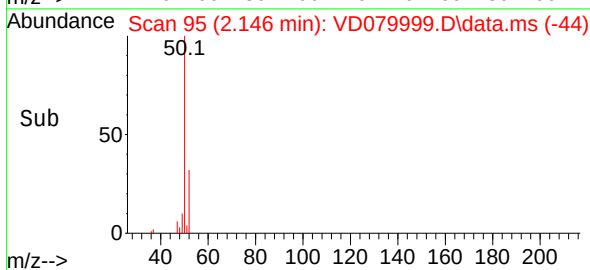
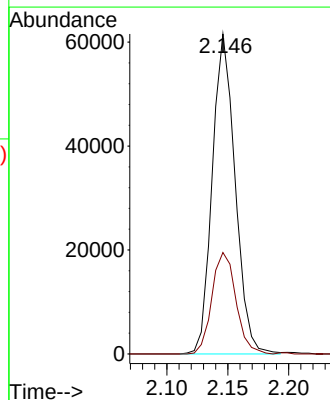
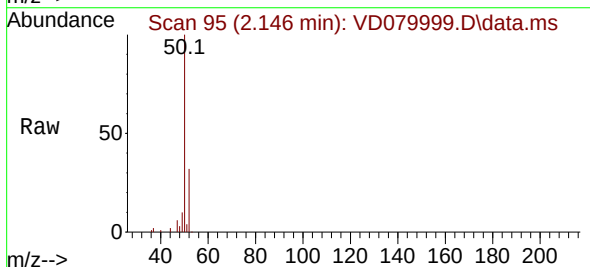
Instrument :
 MSVOA_D
 ClientSampleId :

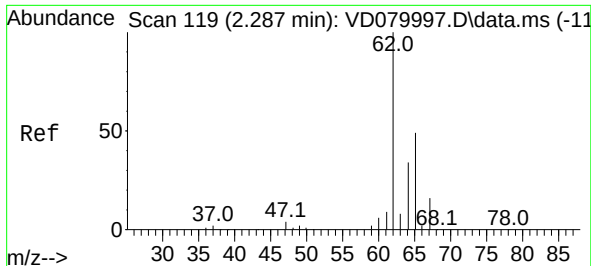
Tgt Ion: 85 Resp: 91185
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.4 38.2



#3
 Chloromethane
 Concen: 25.693 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079999.D
 Acq: 12 Nov 2024 16:56

Tgt Ion: 50 Resp: 80552
 Ion Ratio Lower Upper
 50 100
 52 31.7 21.6 40.0

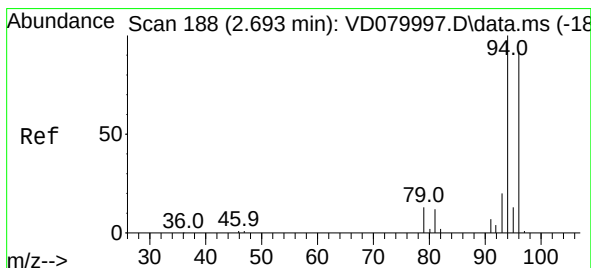
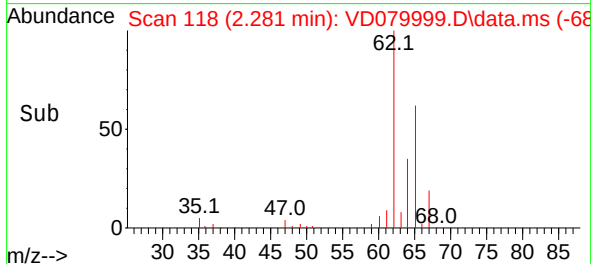
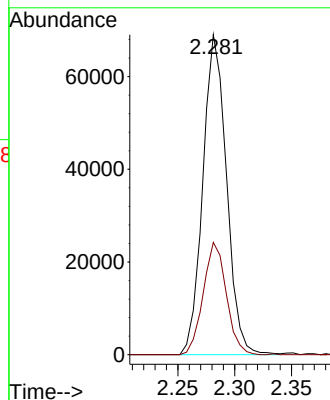
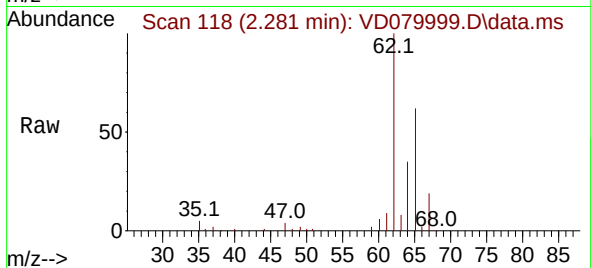




#5
 Vinyl chloride
 Concen: 25.425 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD079999.D
 Acq: 12 Nov 2024 16:56

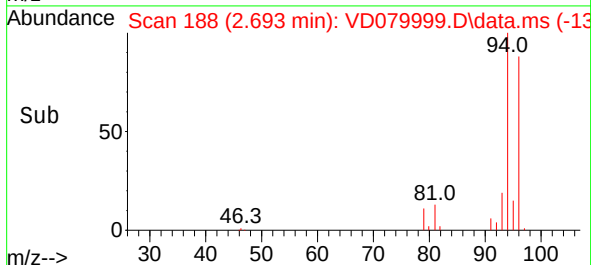
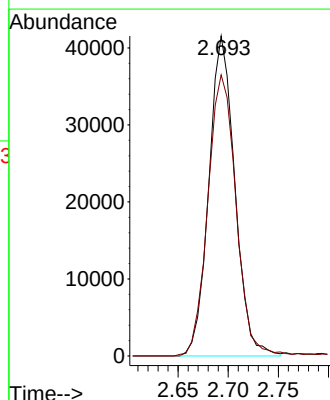
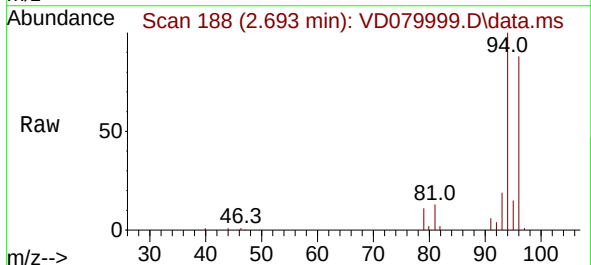
Instrument :
 MSVOA_D
 ClientSampleId :

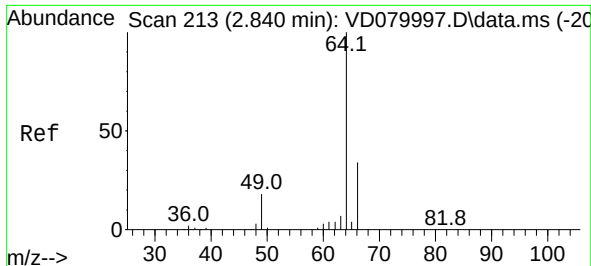
Tgt Ion: 62 Resp: 100077
 Ion Ratio Lower Upper
 62 100
 64 35.1 25.1 46.7



#6
 Bromomethane
 Concen: 26.874 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD079999.D
 Acq: 12 Nov 2024 16:56

Tgt Ion: 94 Resp: 74738
 Ion Ratio Lower Upper
 94 100
 96 87.9 64.5 119.7

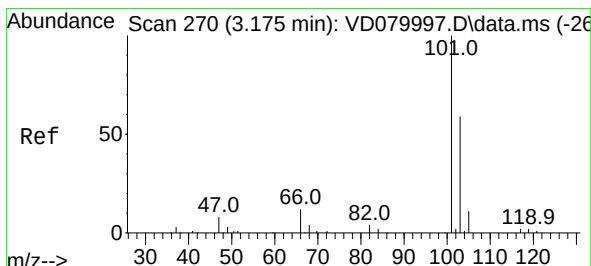
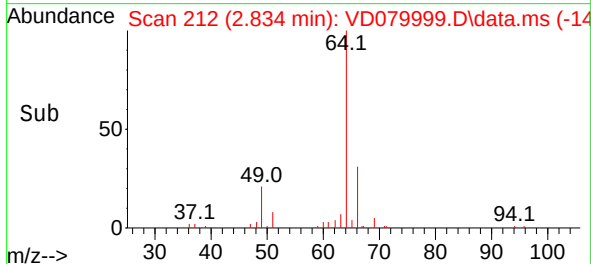
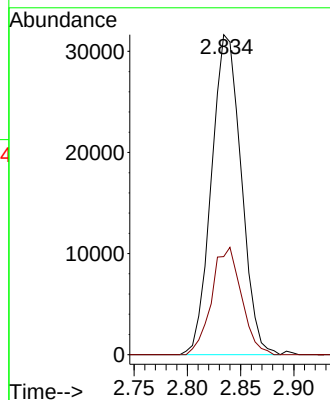
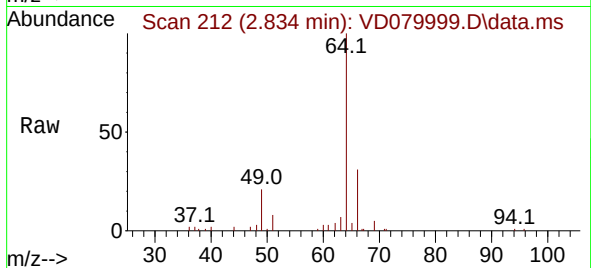




#8
Chloroethane
Concen: 24.547 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

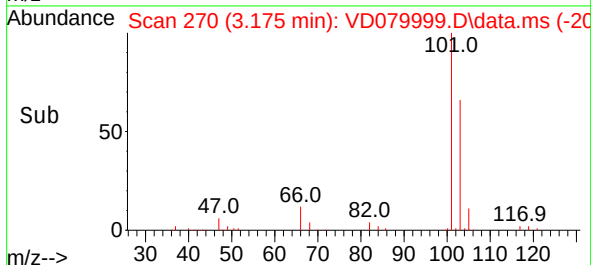
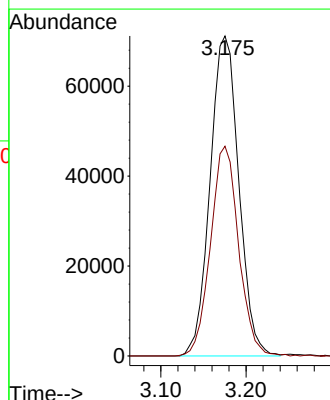
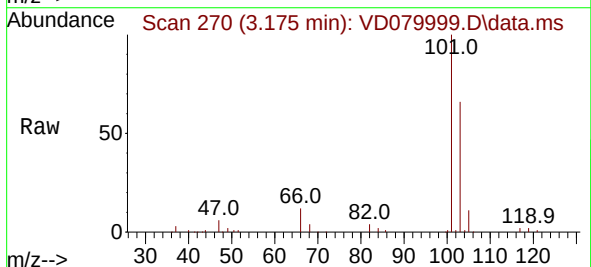
Instrument :
MSVOA_D
ClientSampleId :

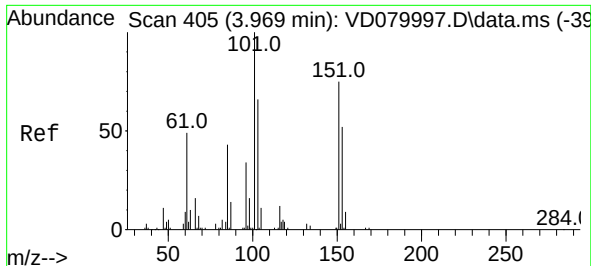
Tgt Ion: 64 Resp: 61522
Ion Ratio Lower Upper
64 100
66 30.7 21.7 40.3



#9
Trichlorofluoromethane
Concen: 25.318 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

Tgt Ion:101 Resp: 166678
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.8

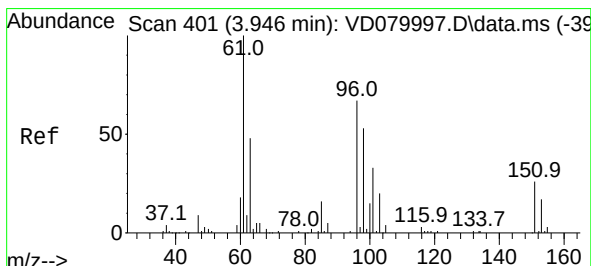
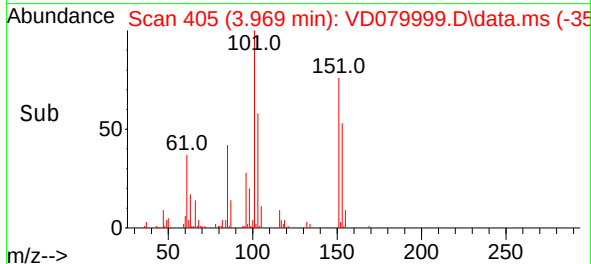
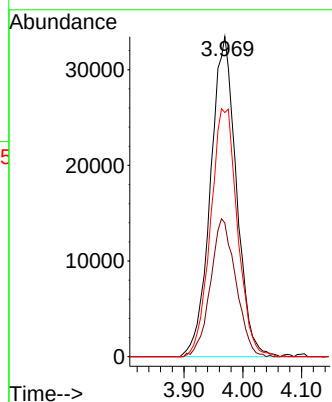
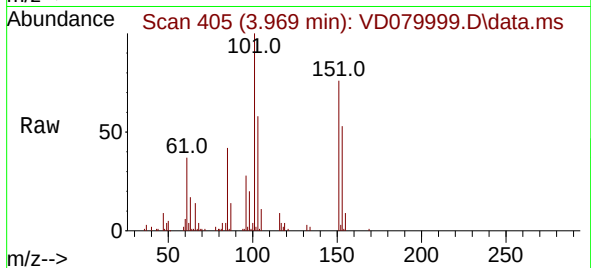




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.741 ug/L
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

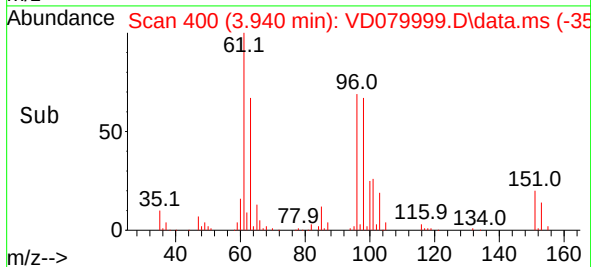
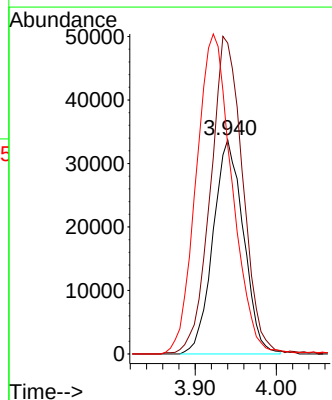
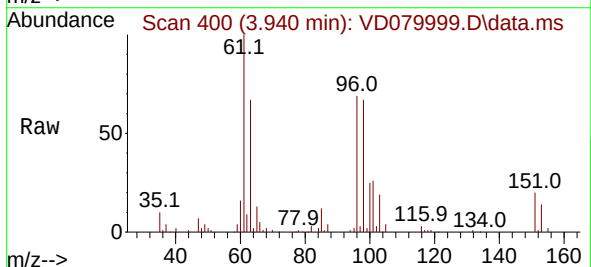
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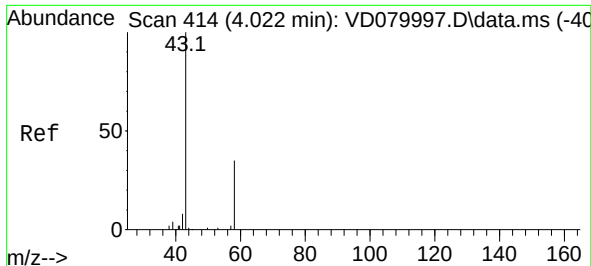
Tgt Ion:	101	Resp:	102475
Ion	Ratio	Lower	Upper
101	100		
85	42.3	34.9	52.3
151	80.4	60.7	91.1



#12
1,1-Dichloroethene
Concen: 26.009 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

Tgt Ion:	96	Resp:	87840
Ion	Ratio	Lower	Upper
96	100		
61	145.2	111.2	206.6
63	97.2	78.9	146.5





#13

Acetone

Concen: 54.149 ug/L

RT: 4.016 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD079999.D

Acq: 12 Nov 2024 16:56

Instrument :

MSVOA_D

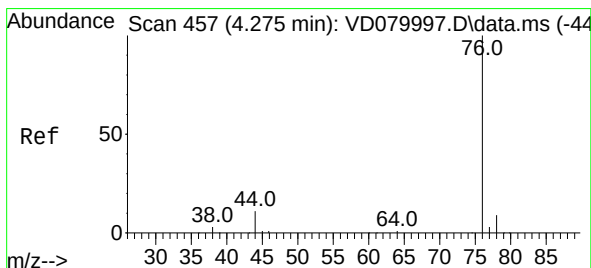
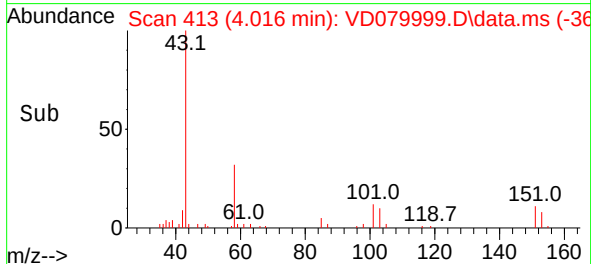
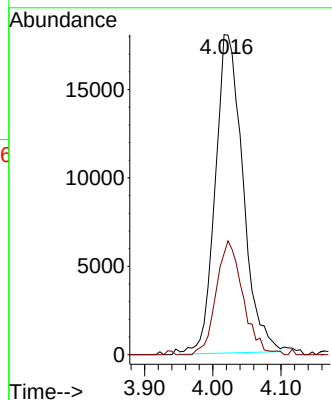
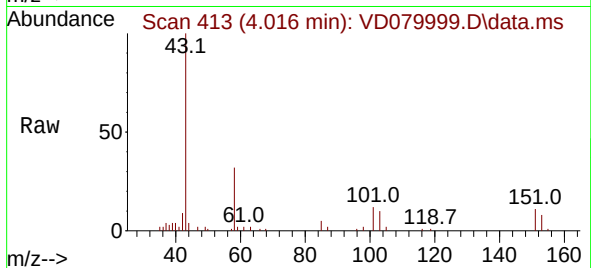
ClientSampleId :

Tgt Ion: 43 Resp: 50810

Ion Ratio Lower Upper

43 100

58 34.2 0.0 71.8



#14

Carbon disulfide

Concen: 24.990 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD079999.D

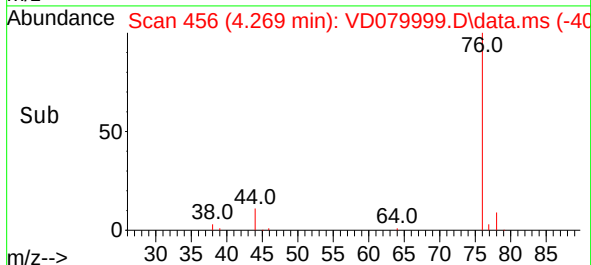
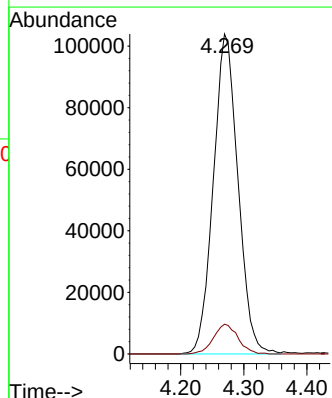
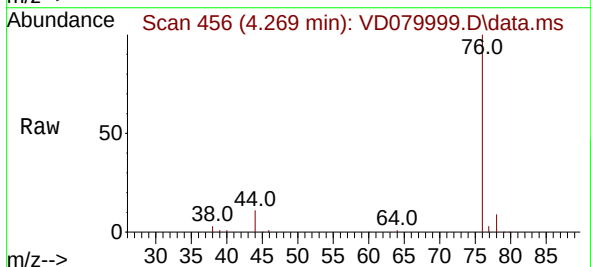
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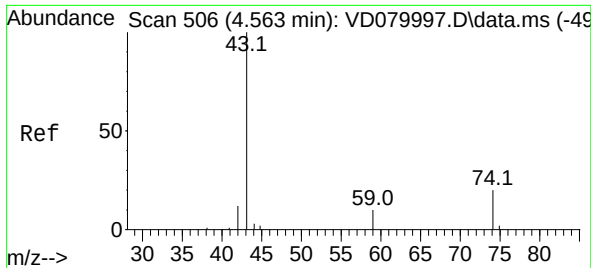
Tgt Ion: 76 Resp: 281923

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

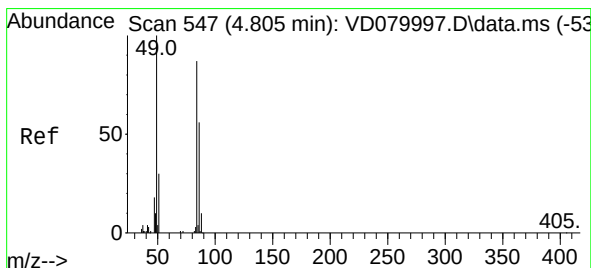
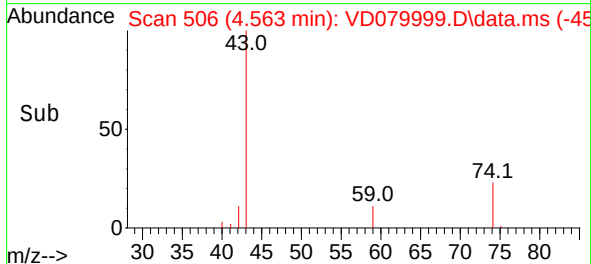
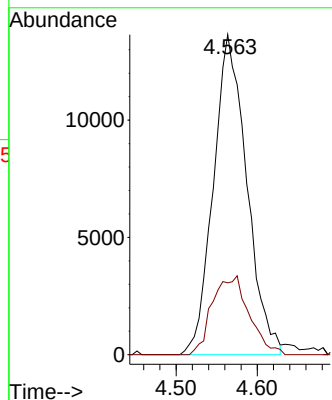
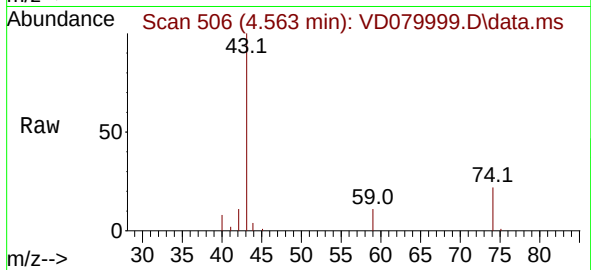




#15
Methyl Acetate
Concen: 26.481 ug/L
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

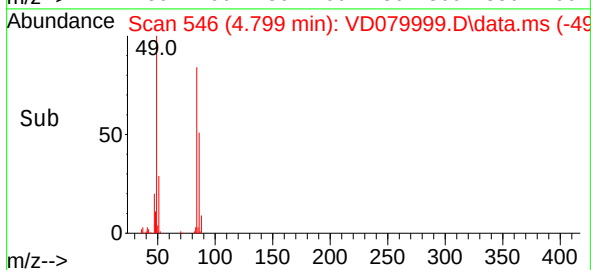
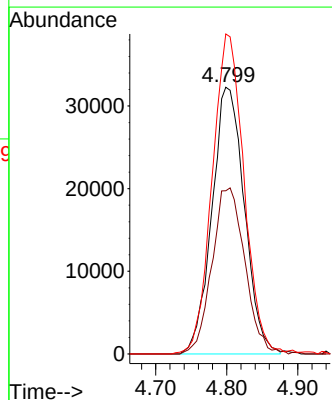
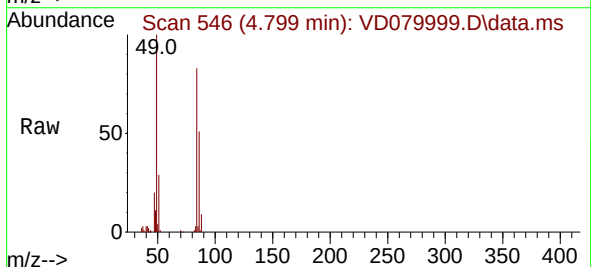
Instrument :
MSVOA_D
ClientSampleId :

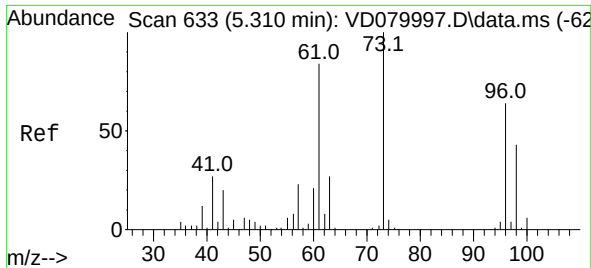
Tgt Ion: 43 Resp: 38980
Ion Ratio Lower Upper
43 100
74 13.1 0.2 0.2#



#16
Methylene chloride
Concen: 24.469 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

Tgt Ion: 84 Resp: 102341
Ion Ratio Lower Upper
84 100
86 61.2 45.4 84.4
49 120.0 77.3 143.7

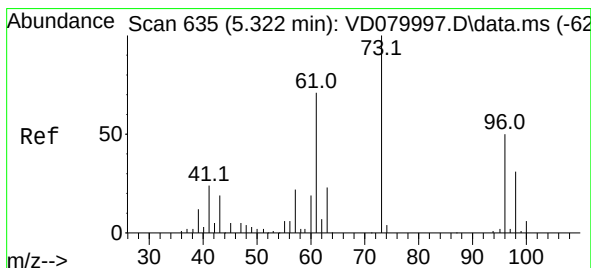
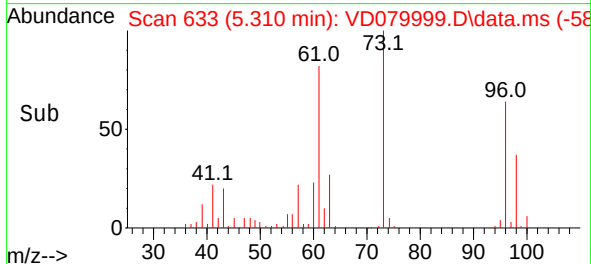
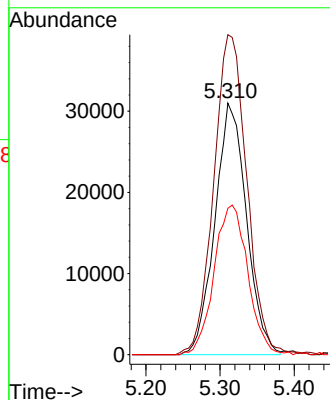
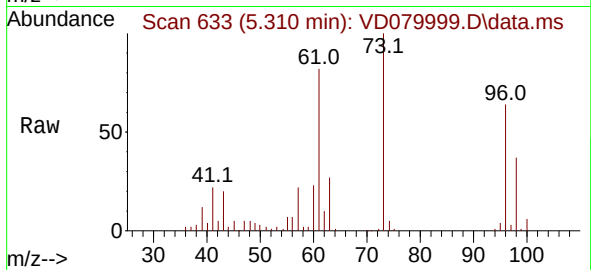




#17
trans-1,2-Dichloroethene
Concen: 24.665 ug/L
RT: 5.310 min Scan# 633
Delta R.T. 0.000 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

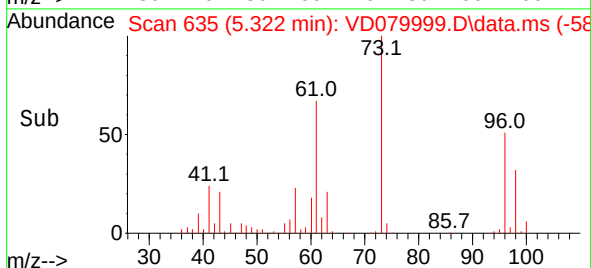
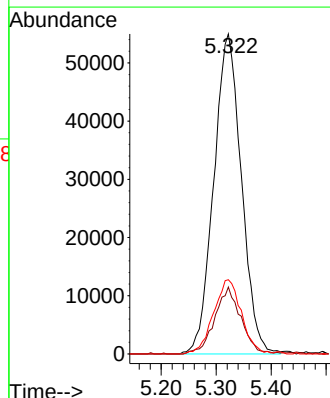
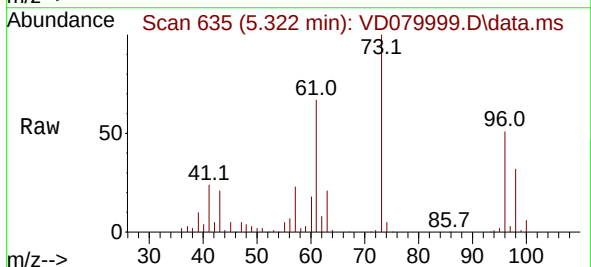
Instrument :
MSVOA_D
ClientSampleId :

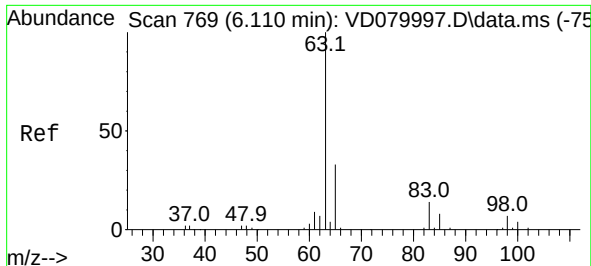
Tgt Ion: 96 Resp: 91713
Ion Ratio Lower Upper
96 100
61 127.2 91.1 169.3
98 58.2 41.6 77.2



#18
Methyl tert-butyl Ether
Concen: 26.559 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

Tgt Ion: 73 Resp: 192091
Ion Ratio Lower Upper
73 100
43 19.7 16.1 24.1
57 23.4 18.5 27.7

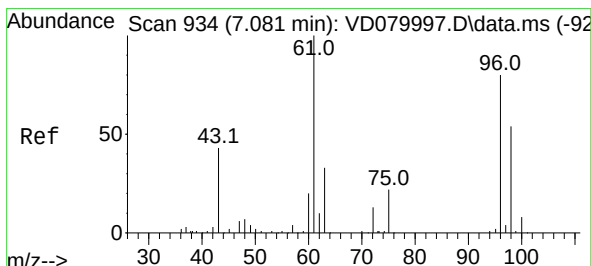
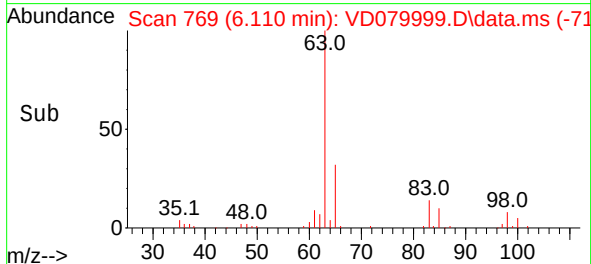
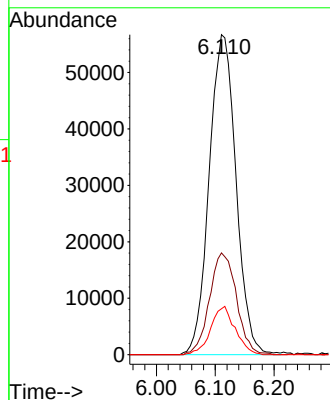
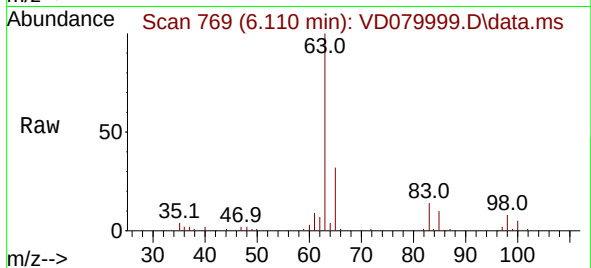




#19
1,1-Dichloroethane
Concen: 25.917 ug/L
RT: 6.110 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

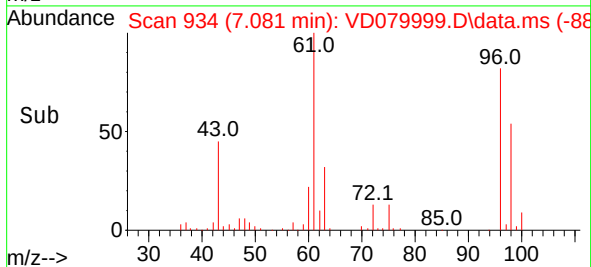
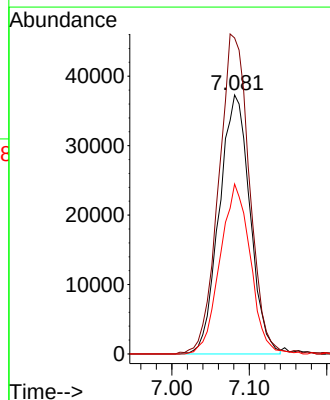
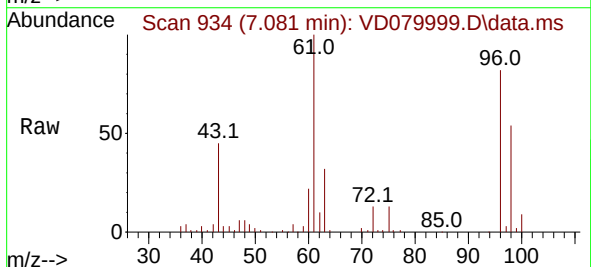
Instrument :
MSVOA_D
ClientSampleId :

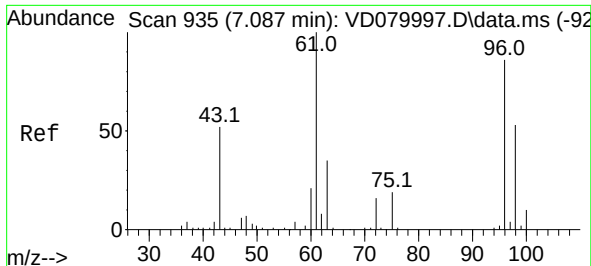
Tgt Ion: 63 Resp: 180058
Ion Ratio Lower Upper
63 100
65 31.8 21.9 40.7
83 14.4 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 25.336 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

Tgt Ion: 96 Resp: 102769
Ion Ratio Lower Upper
96 100
61 121.9 84.8 157.4
98 65.6 44.4 82.5





#22

2-Butanone

Concen: 53.390 ug/L

RT: 7.081 min Scan# 935

Delta R.T. -0.006 min

Lab File: VD079999.D

Acq: 12 Nov 2024 16:56

Instrument :

MSVOA_D

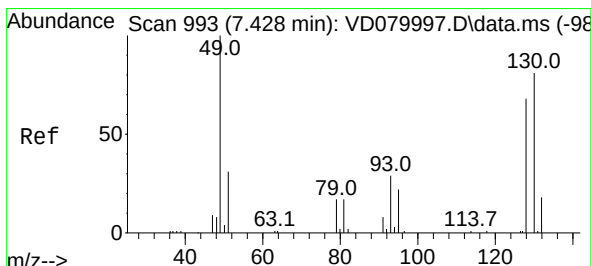
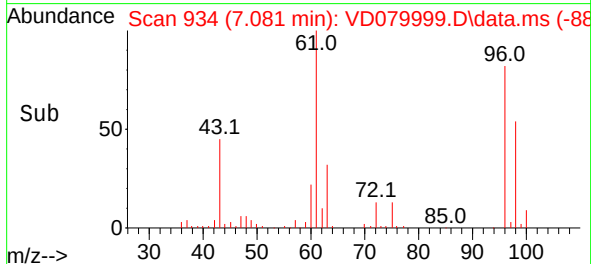
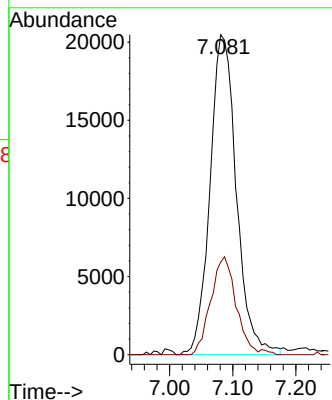
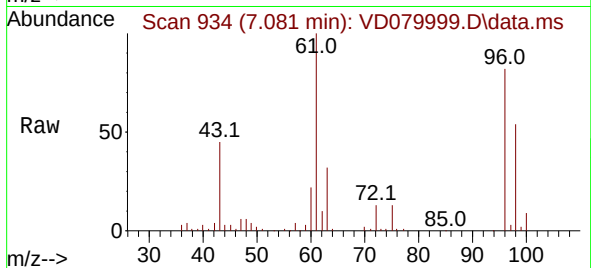
ClientSampleId :

Tgt Ion: 43 Resp: 59458

Ion Ratio Lower Upper

43 100

72 29.1 14.3 42.9



#23

Bromochloromethane

Concen: 25.075 ug/L

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD079999.D

Acq: 12 Nov 2024 16:56

Tgt Ion:128 Resp: 50509

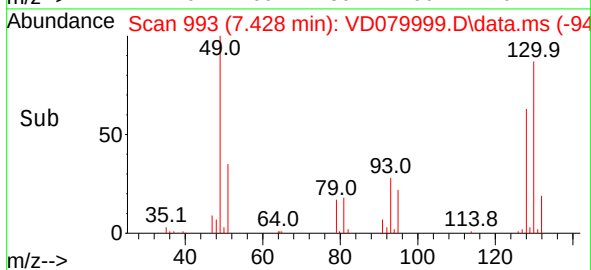
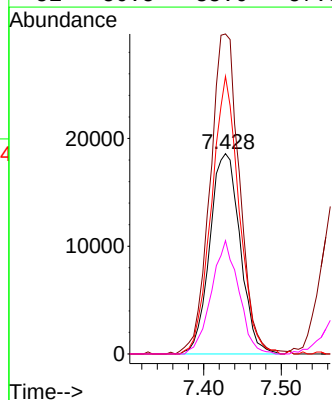
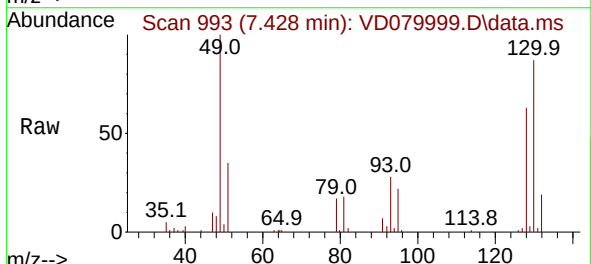
Ion Ratio Lower Upper

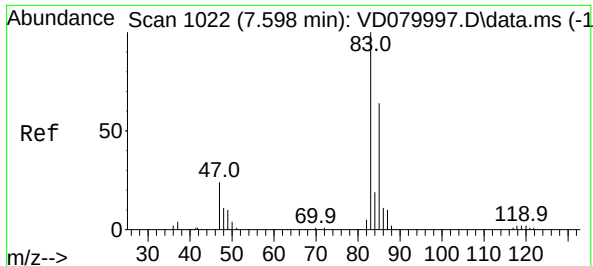
128 100

49 159.7 103.2 191.6

130 138.5 90.6 168.2

51 56.5 38.6 57.8





#25

Chloroform

Concen: 24.190 ug/L

RT: 7.599 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079999.D

Acq: 12 Nov 2024 16:56

Instrument :

MSVOA_D

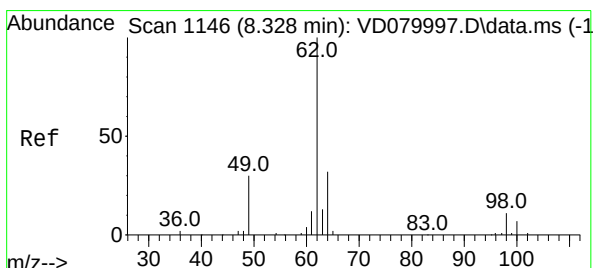
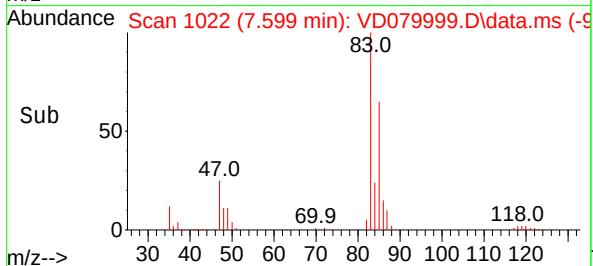
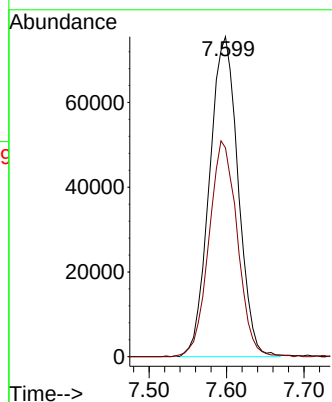
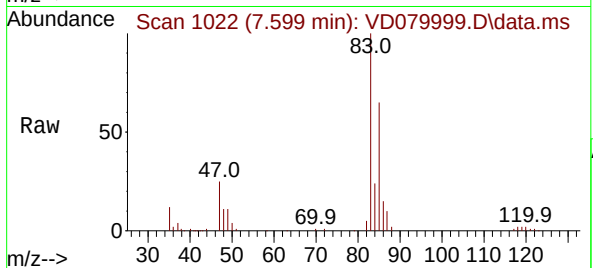
ClientSampleId :

Tgt Ion: 83 Resp: 194271

Ion Ratio Lower Upper

83 100

85 65.2 45.6 84.6



#27

1,2-Dichloroethane

Concen: 25.177 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD079999.D

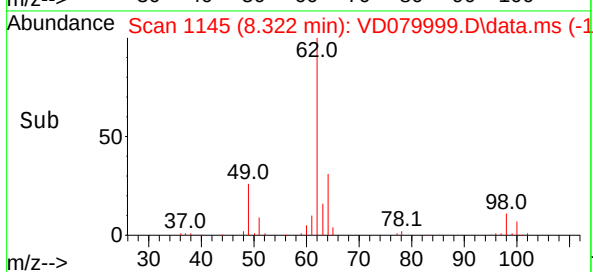
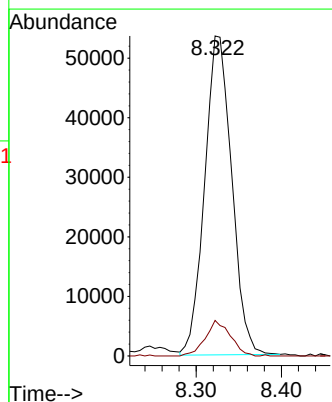
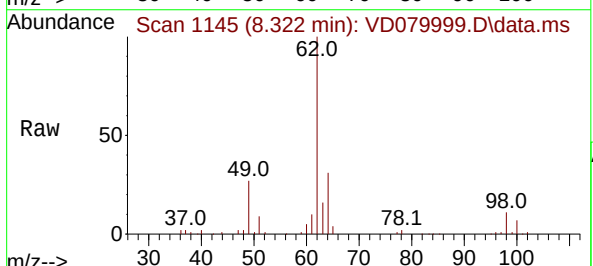
Acq: 12 Nov 2024 16:56

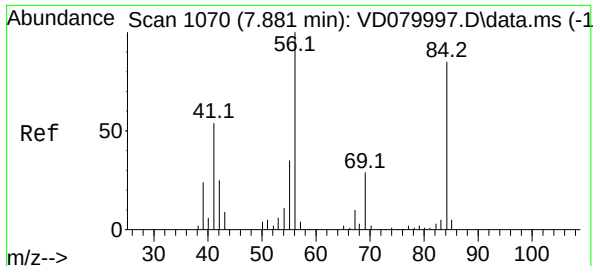
Tgt Ion: 62 Resp: 118073

Ion Ratio Lower Upper

62 100

98 11.1 7.5 11.3

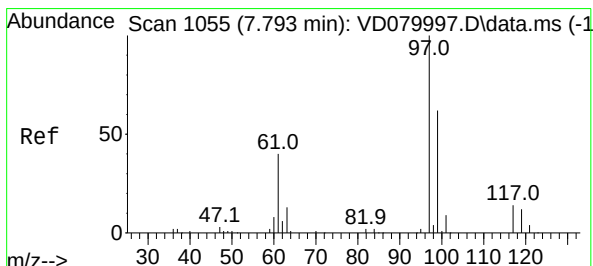
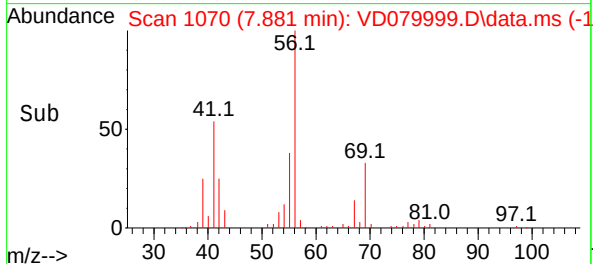
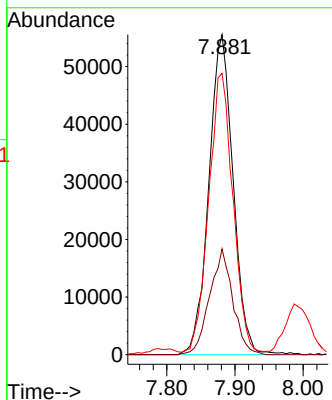
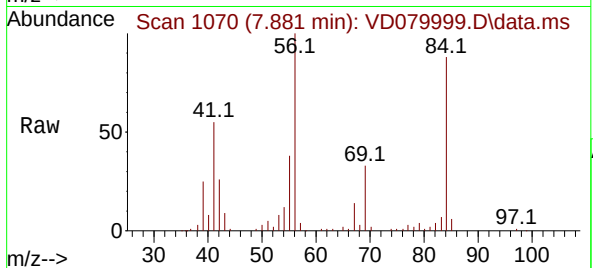




#29
Cyclohexane
Concen: 26.014 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

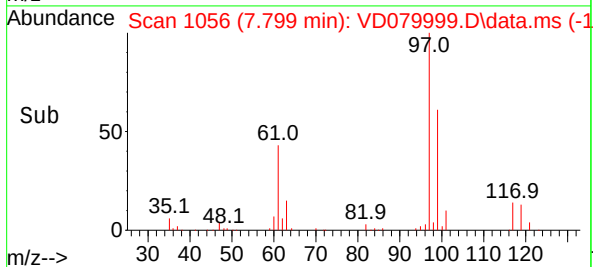
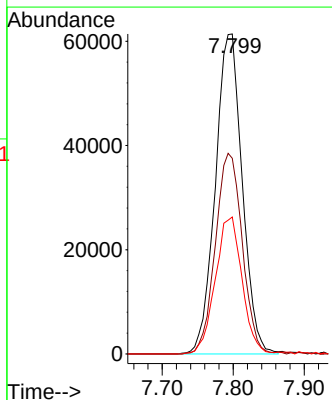
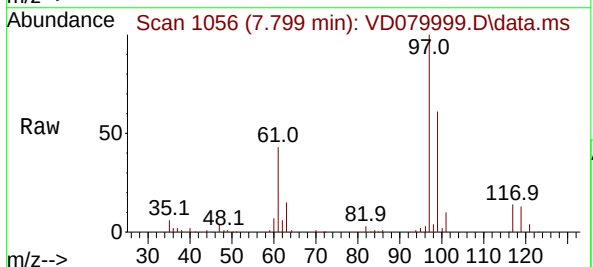
Instrument :
MSVOA_D
ClientSampleId :

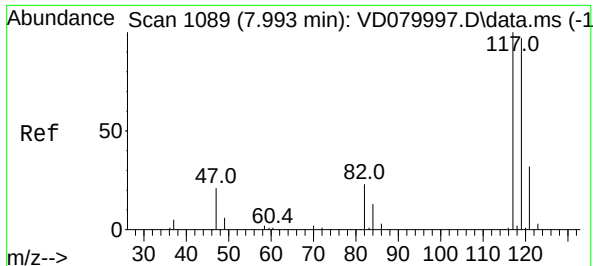
Tgt Ion: 56 Resp: 137452
Ion Ratio Lower Upper
56 100
69 31.6 25.6 38.4
84 88.9 71.0 106.6



#30
1,1,1-Trichloroethane
Concen: 25.832 ug/L
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

Tgt Ion: 97 Resp: 161556
Ion Ratio Lower Upper
97 100
99 62.6 51.5 77.3
61 42.6 34.3 51.5

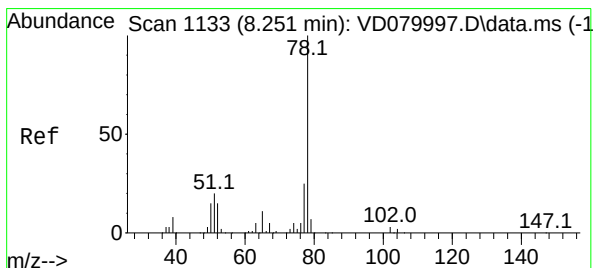
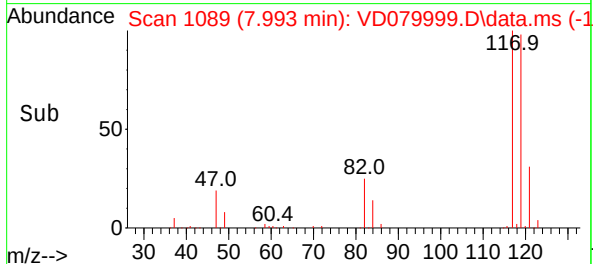
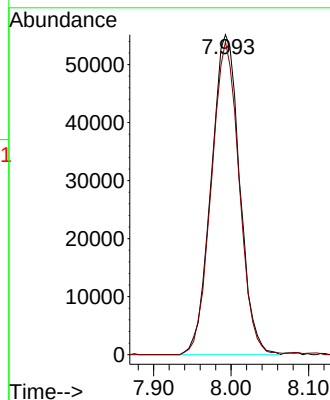
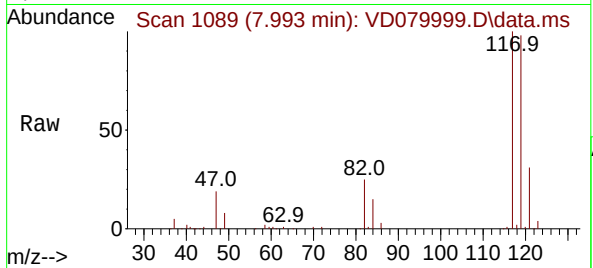




#31
Carbon tetrachloride
Concen: 25.632 ug/L
RT: 7.993 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

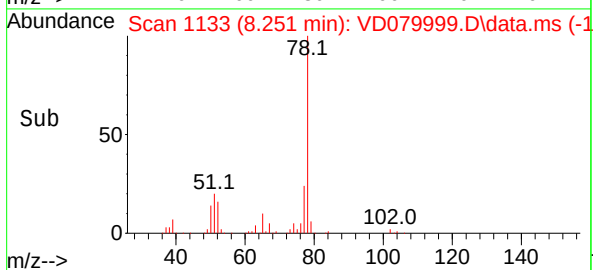
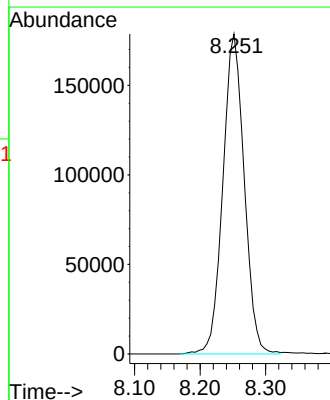
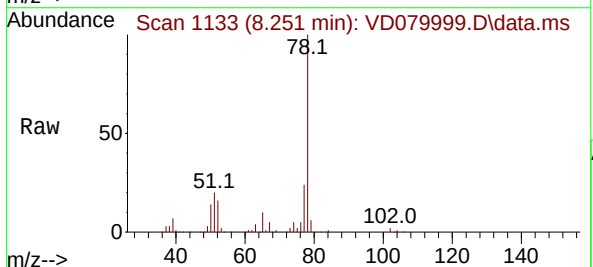
Instrument :
MSVOA_D
ClientSampleId :

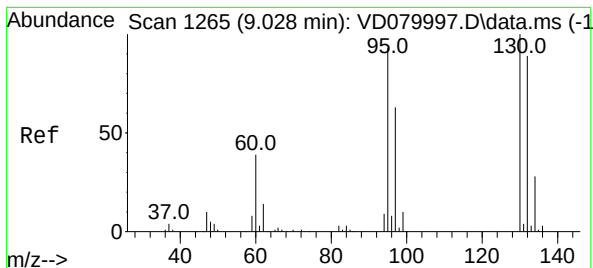
Tgt Ion:117 Resp: 140752
Ion Ratio Lower Upper
117 100
119 95.5 76.8 115.2



#33
Benzene
Concen: 26.446 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

Tgt Ion: 78 Resp: 403922





#34

Trichloroethene

Concen: 25.190 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD079999.D

Acq: 12 Nov 2024 16:56

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 103176

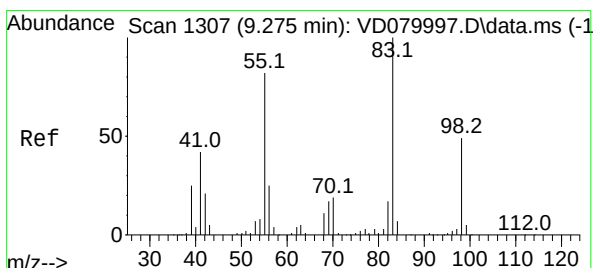
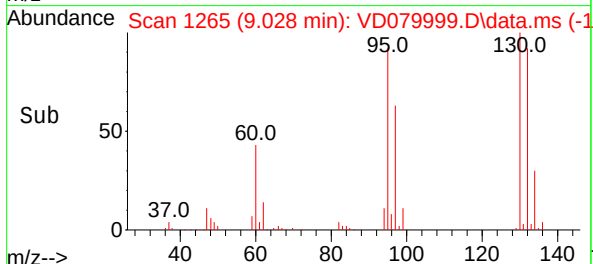
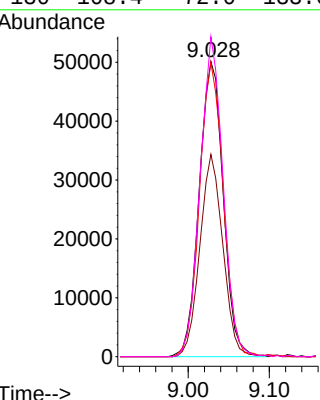
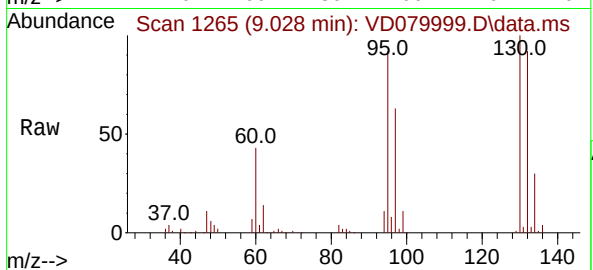
Ion Ratio Lower Upper

95 100

97 68.5 47.7 88.5

132 99.7 72.8 135.2

130 108.4 72.0 133.6



#35

Methylcyclohexane

Concen: 25.561 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD079999.D

Acq: 12 Nov 2024 16:56

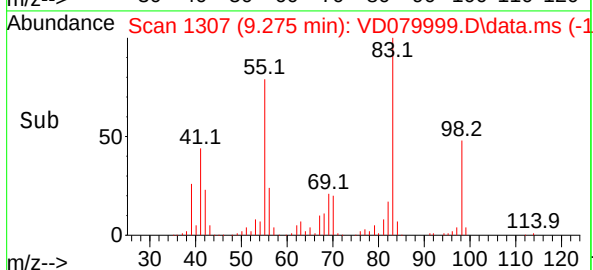
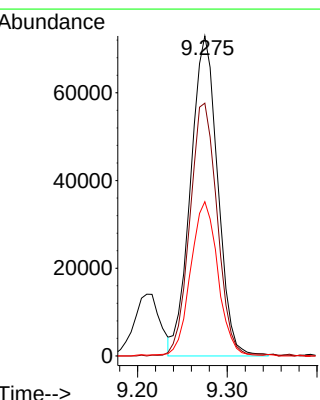
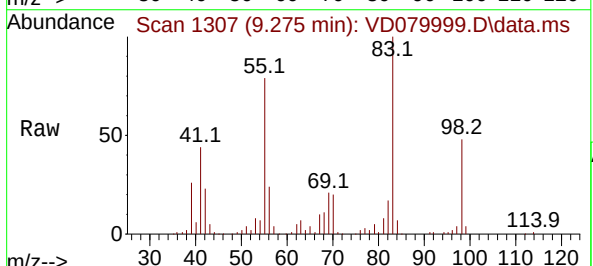
Tgt Ion: 83 Resp: 153024

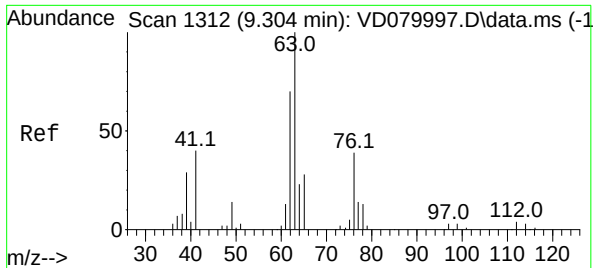
Ion Ratio Lower Upper

83 100

55 79.2 61.2 91.8

98 48.5 38.2 57.2

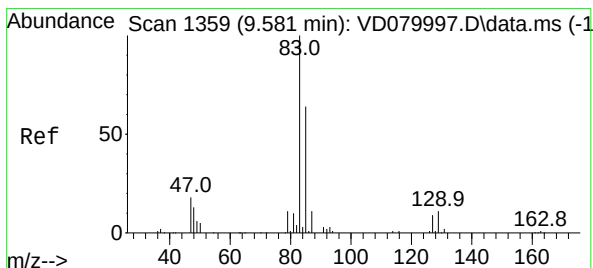
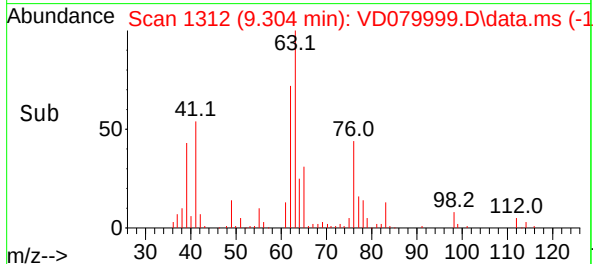
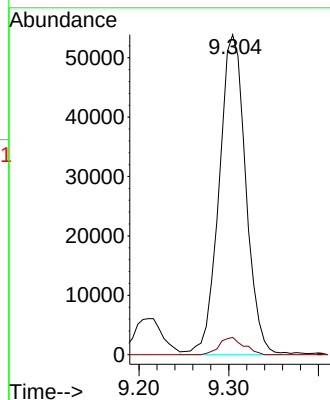
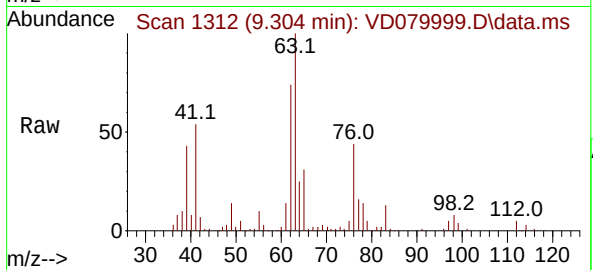




#37
1,2-Dichloropropane
Concen: 26.045 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

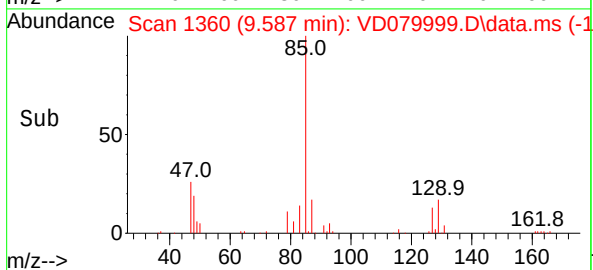
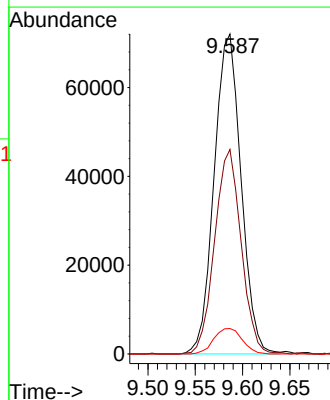
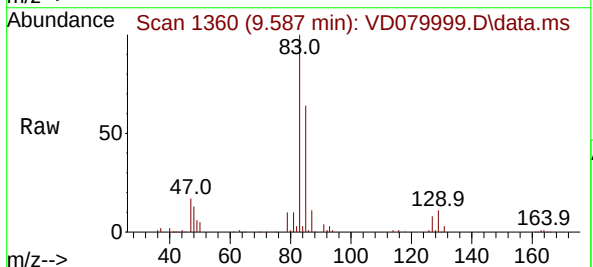
Instrument :
MSVOA_D
ClientSampleId :

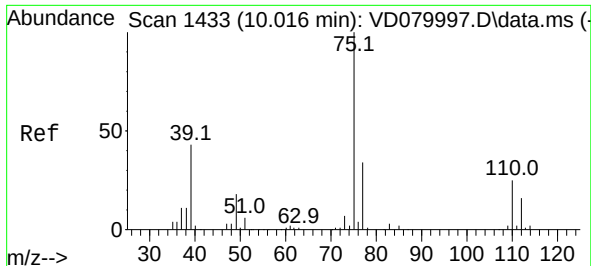
Tgt Ion: 63 Resp: 111121
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.6



#38
Bromodichloromethane
Concen: 26.227 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

Tgt Ion: 83 Resp: 142595
Ion Ratio Lower Upper
83 100
85 63.9 46.0 85.4
127 8.0 6.7 10.1

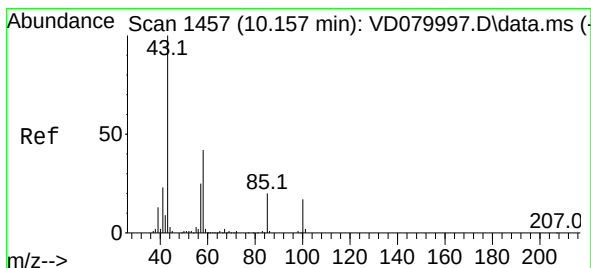
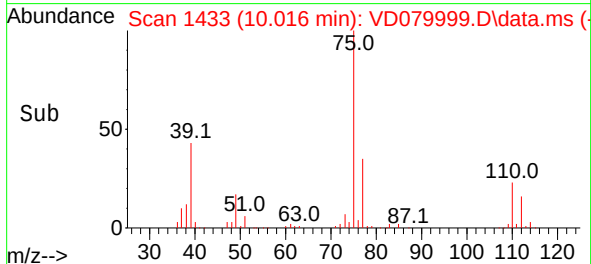
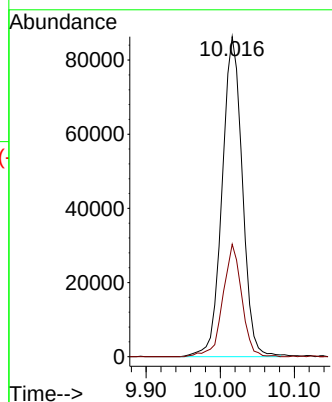
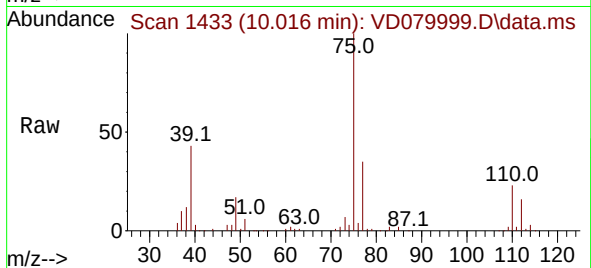




#39
cis-1,3-Dichloropropene
Concen: 26.540 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

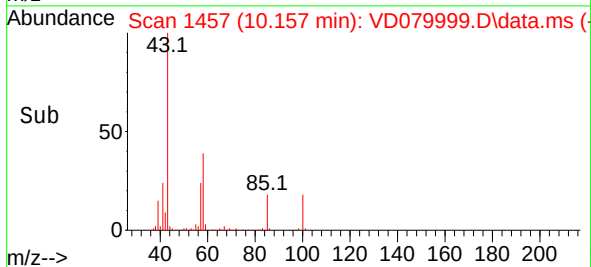
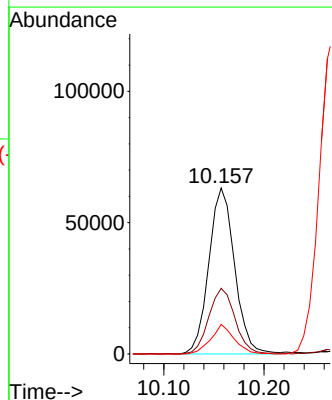
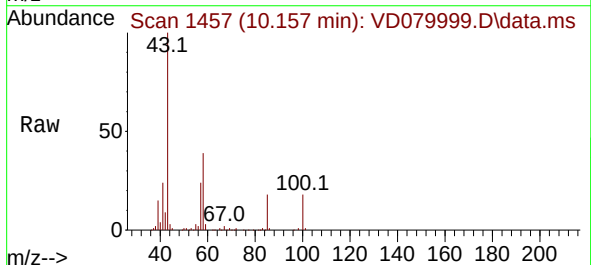
Instrument :
MSVOA_D
ClientSampleId :

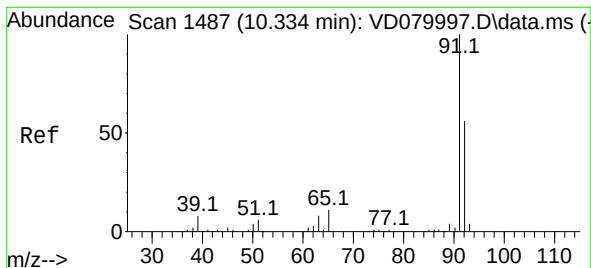
Tgt Ion: 75 Resp: 163576
Ion Ratio Lower Upper
75 100
77 35.2 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 56.104 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

Tgt Ion: 43 Resp: 113023
Ion Ratio Lower Upper
43 100
58 40.0 31.5 47.3
100 16.1 12.7 19.1





#42

Toluene

Concen: 26.744 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079999.D

Acq: 12 Nov 2024 16:56

Instrument :

MSVOA_D

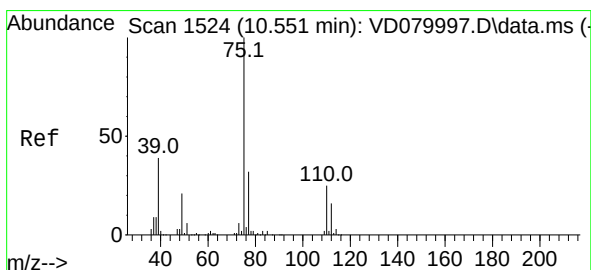
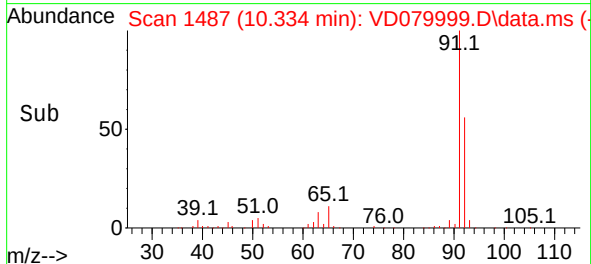
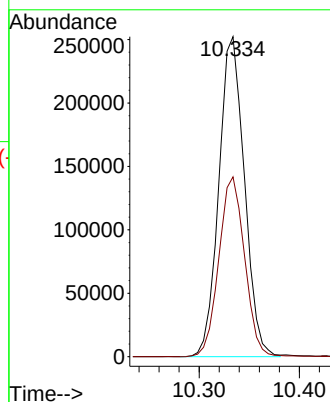
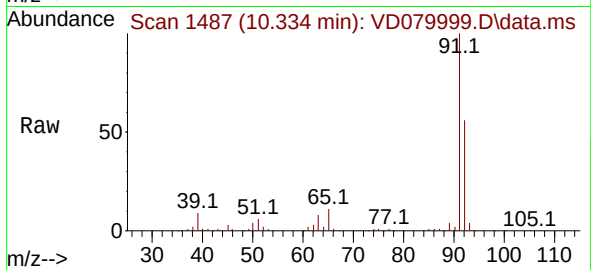
ClientSampleId :

Tgt Ion: 91 Resp: 446195

Ion Ratio Lower Upper

91 100

92 56.2 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 26.487 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079999.D

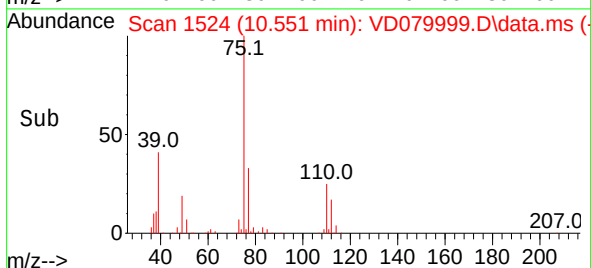
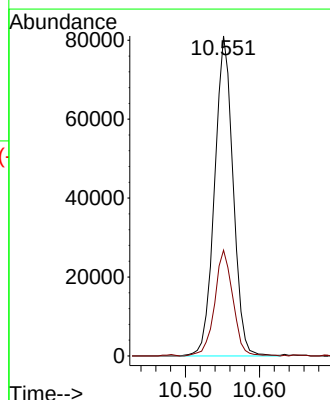
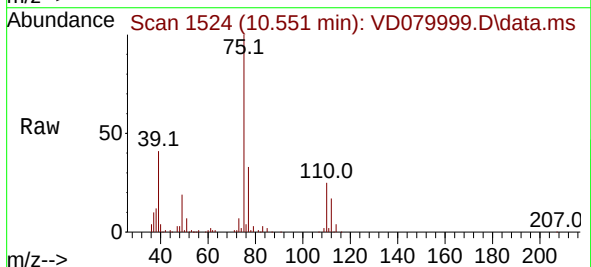
Acq: 12 Nov 2024 16:56

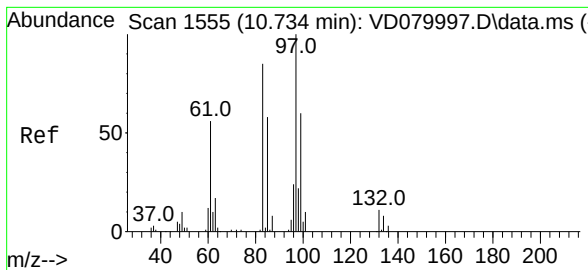
Tgt Ion: 75 Resp: 140611

Ion Ratio Lower Upper

75 100

77 33.1 21.0 39.0





#45

1,1,2-Trichloroethane

Concen: 25.909 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD079999.D

Acq: 12 Nov 2024 16:56

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 84216

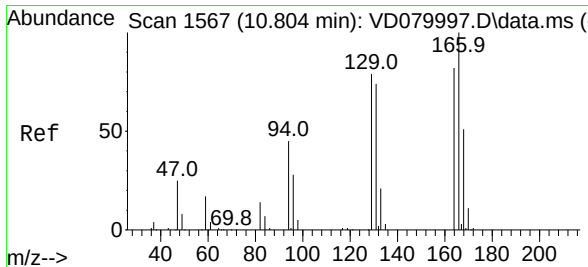
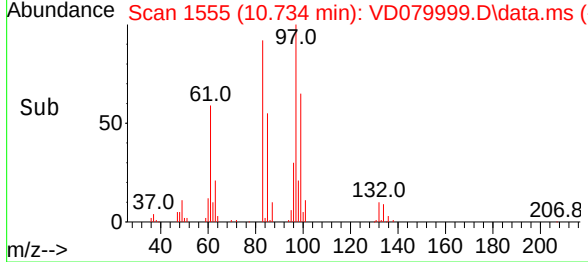
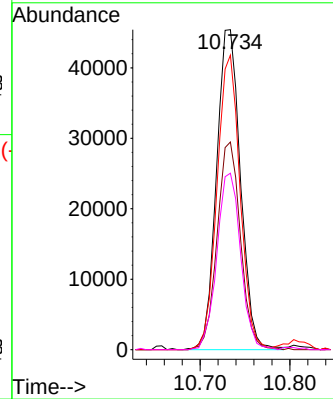
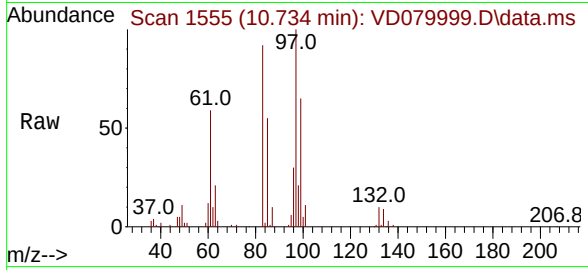
Ion Ratio Lower Upper

97 100

99 64.9 45.2 84.0

83 92.0 61.5 114.3

85 55.2 38.0 70.6



#46

Tetrachloroethene

Concen: 24.046 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VD079999.D

Acq: 12 Nov 2024 16:56

Tgt Ion:164 Resp: 83772

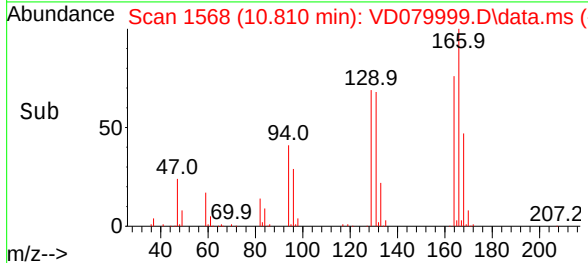
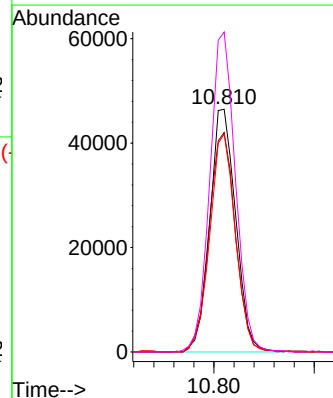
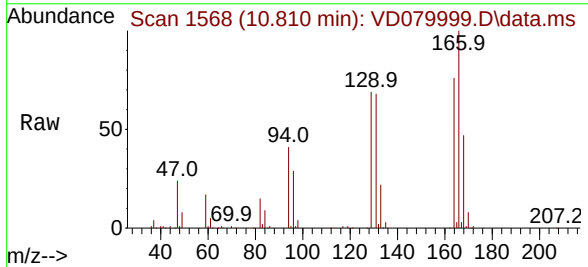
Ion Ratio Lower Upper

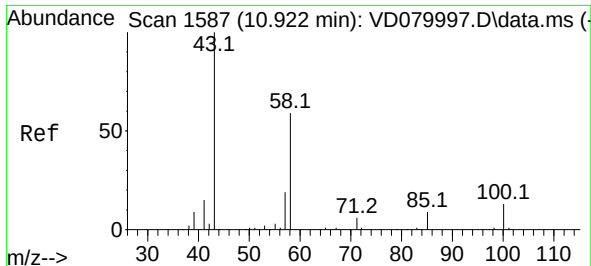
164 100

129 90.4 69.1 128.3

131 89.8 65.4 121.4

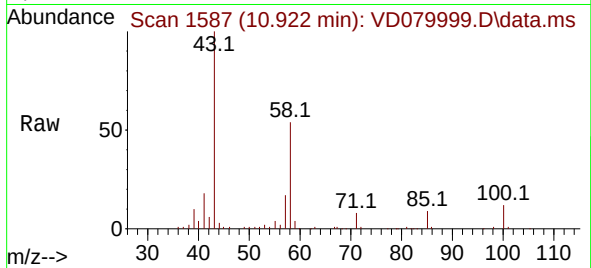
166 131.8 95.9 178.1



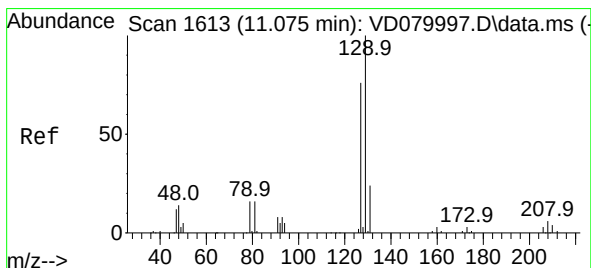
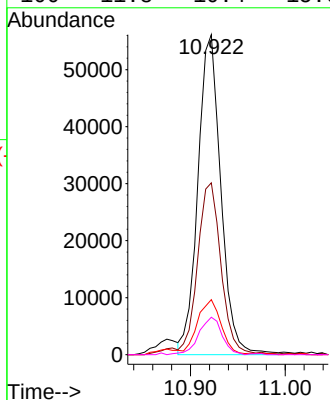
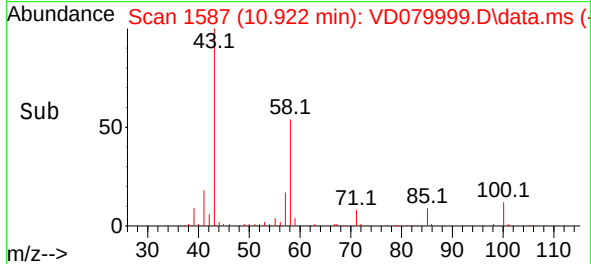


#48
2-Hexanone
Concen: 58.250 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

Instrument :
MSVOA_D
ClientSampleId :

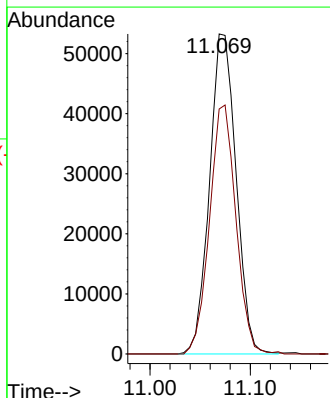
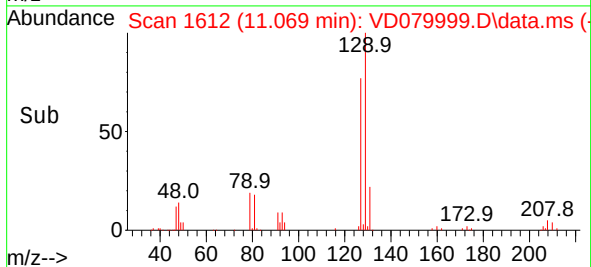
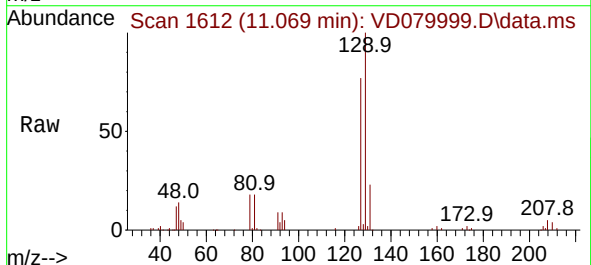


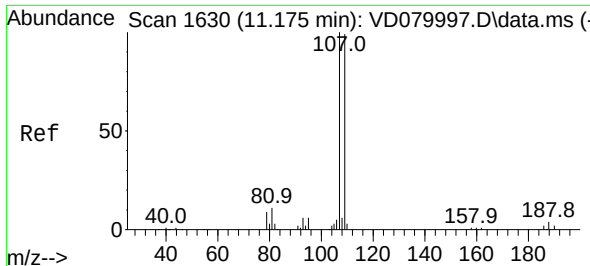
Tgt Ion: 43 Resp: 94625
Ion Ratio Lower Upper
43 100
58 54.4 45.9 68.9
57 17.6 15.2 22.8
100 11.8 10.4 15.6



#49
Dibromochloromethane
Concen: 25.631 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

Tgt Ion:129 Resp: 98120
Ion Ratio Lower Upper
129 100
127 76.6 54.9 102.1

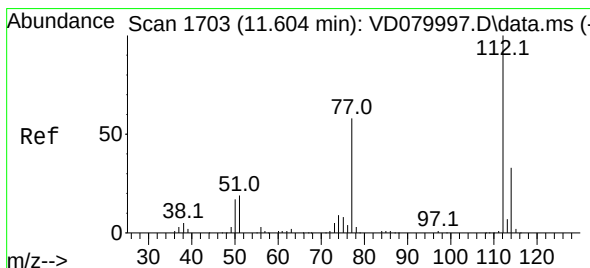
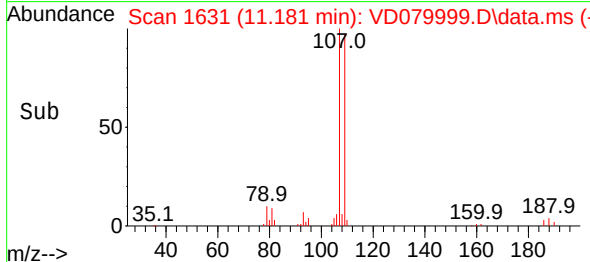
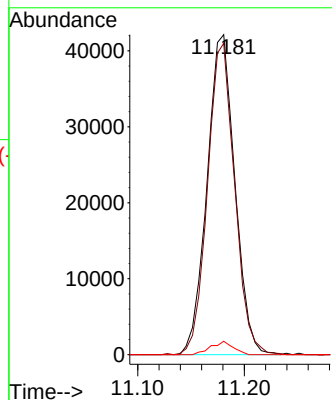
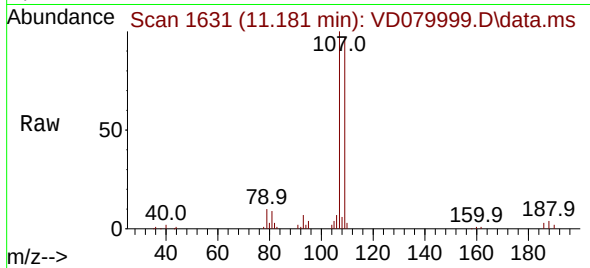




#50
1,2-Dibromoethane
Concen: 25.831 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

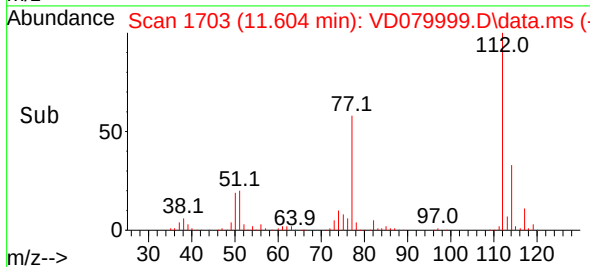
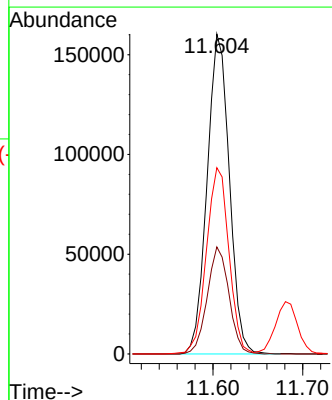
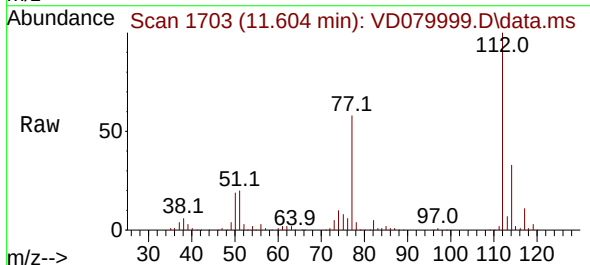
Instrument :
MSVOA_D
ClientSampleId :

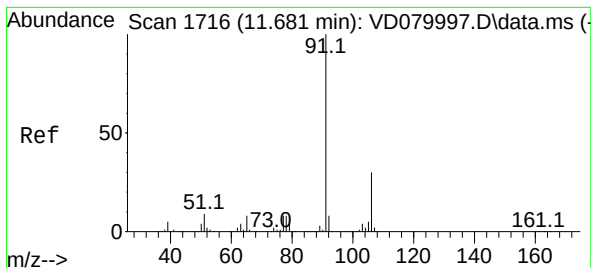
Tgt Ion:107 Resp: 76607
Ion Ratio Lower Upper
107 100
109 97.3 66.6 123.8
188 4.2 2.8 4.2



#51
Chlorobenzene
Concen: 25.236 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

Tgt Ion:112 Resp: 276042
Ion Ratio Lower Upper
112 100
114 33.5 21.8 40.4
77 58.2 49.1 73.7

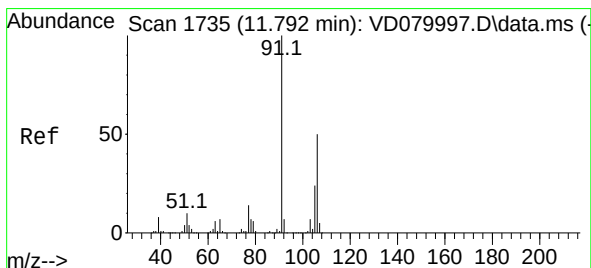
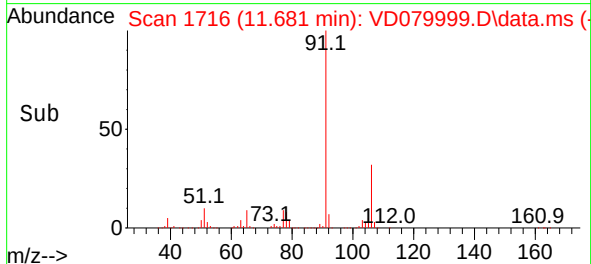
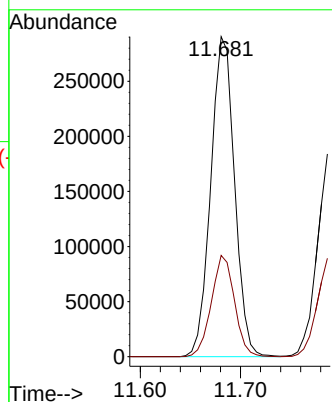
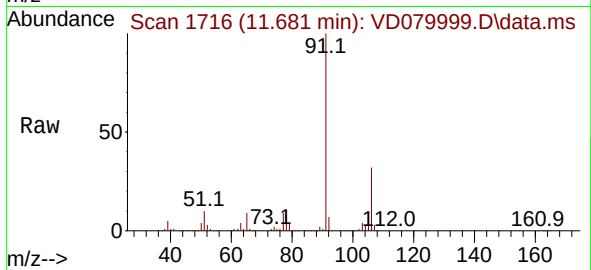




#52
Ethylbenzene
Concen: 26.639 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

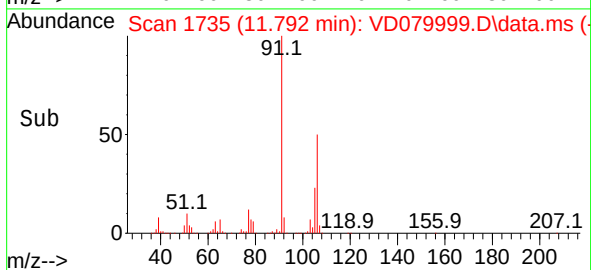
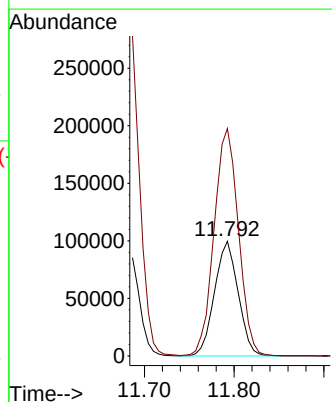
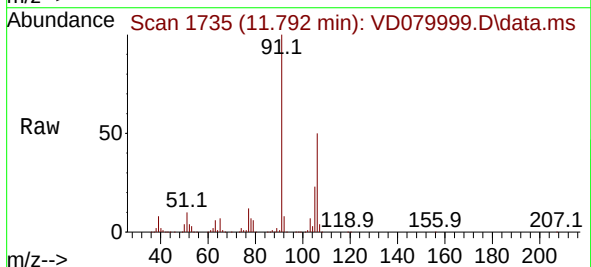
Instrument :
MSVOA_D
ClientSampleId :

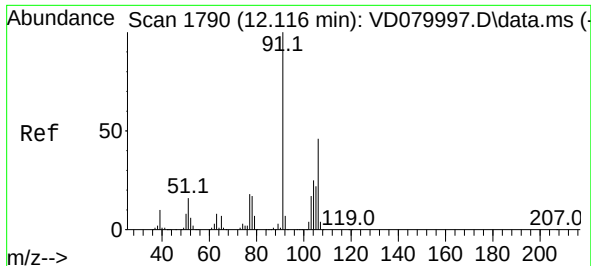
Tgt Ion: 91 Resp: 479639
Ion Ratio Lower Upper
91 100
106 31.7 21.2 39.4



#53
m,p-Xylene
Concen: 27.001 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

Tgt Ion:106 Resp: 182294
Ion Ratio Lower Upper
106 100
91 198.3 149.3 277.3





#54

o-Xylene

Concen: 26.922 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD079999.D

Acq: 12 Nov 2024 16:56

Instrument :

MSVOA_D

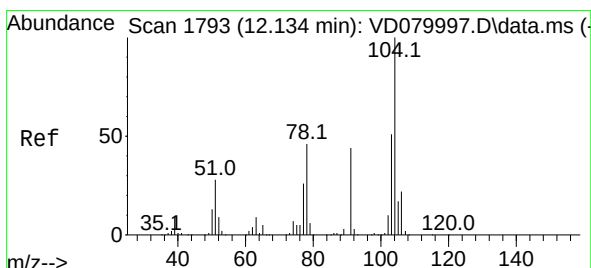
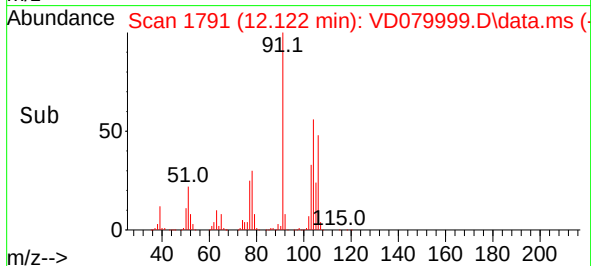
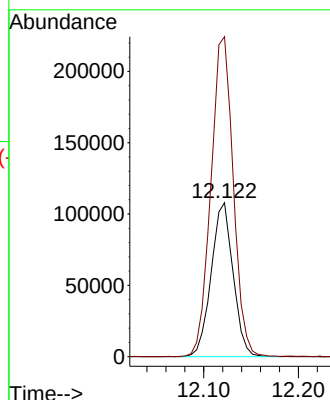
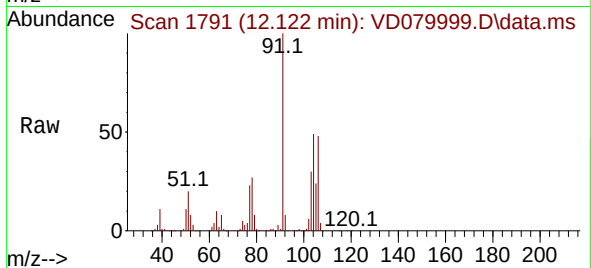
ClientSampleId :

Tgt Ion:106 Resp: 173239

Ion Ratio Lower Upper

106 100

91 207.9 148.0 274.8



#55

Styrene

Concen: 27.233 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD079999.D

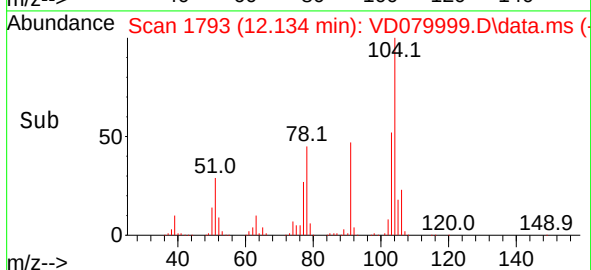
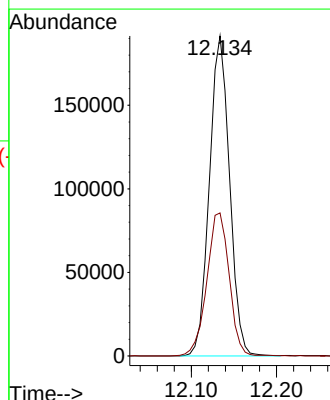
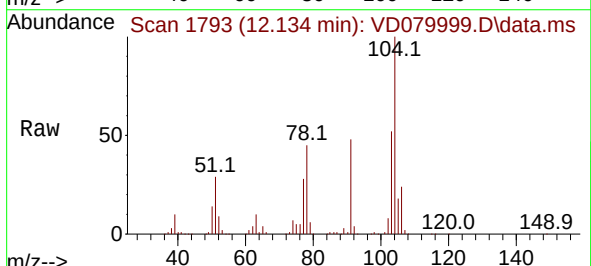
Acq: 12 Nov 2024 16:56

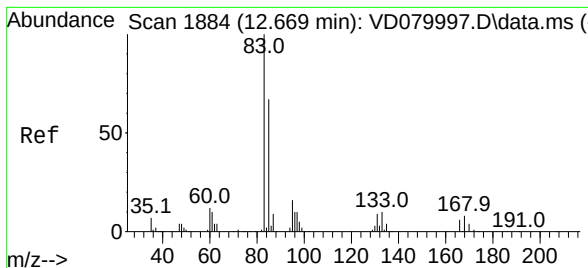
Tgt Ion:104 Resp: 315264

Ion Ratio Lower Upper

104 100

78 44.7 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 25.790 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079999.D

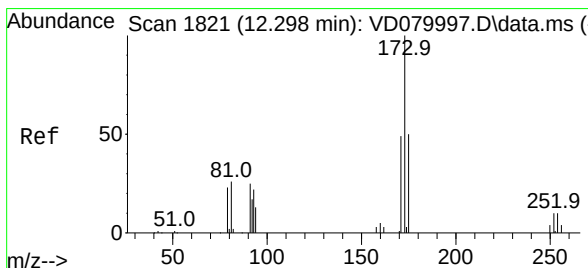
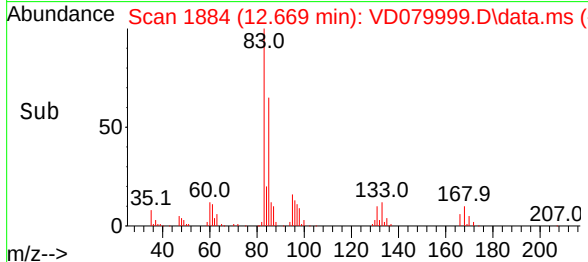
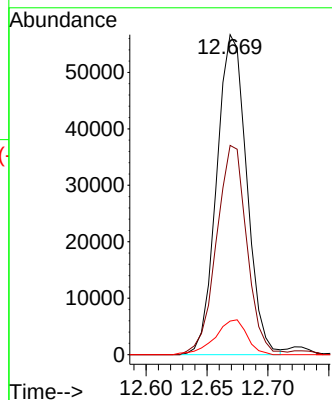
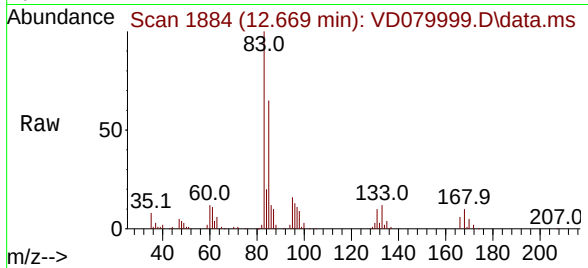
Acq: 12 Nov 2024 16:56

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	97367
Ion	Ratio	Lower	Upper
83	100		
85	65.4	44.4	82.4
131	10.5	8.6	13.0



#59

Bromoform

Concen: 25.835 ug/L

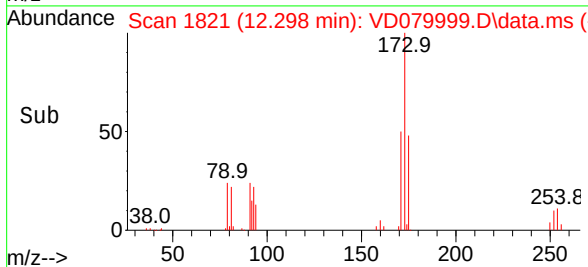
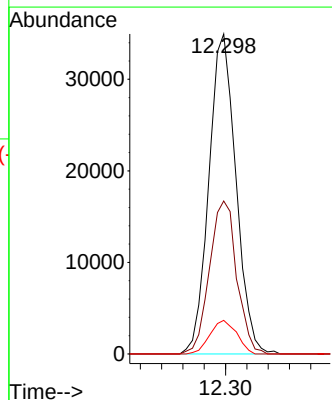
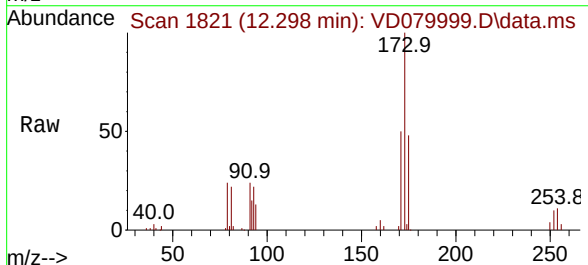
RT: 12.298 min Scan# 1821

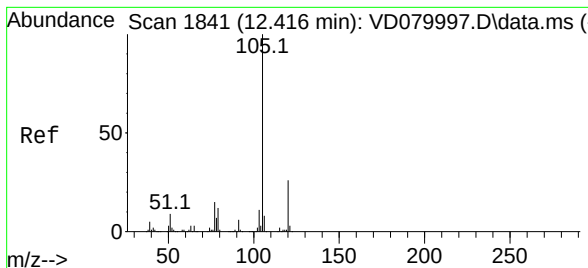
Delta R.T. 0.000 min

Lab File: VD079999.D

Acq: 12 Nov 2024 16:56

Tgt Ion:	173	Resp:	61603
Ion	Ratio	Lower	Upper
173	100		
175	48.1	39.0	58.6
254	10.4	8.3	12.5





#60

Isopropylbenzene

Concen: 26.456 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VD079999.D

Acq: 12 Nov 2024 16:56

Instrument :

MSVOA_D

ClientSampleId :

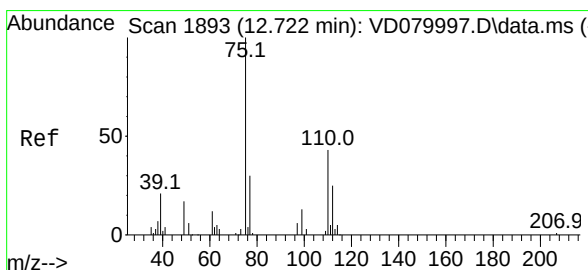
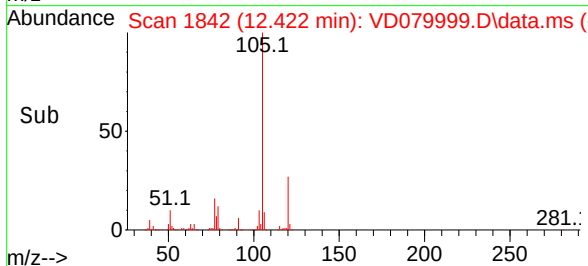
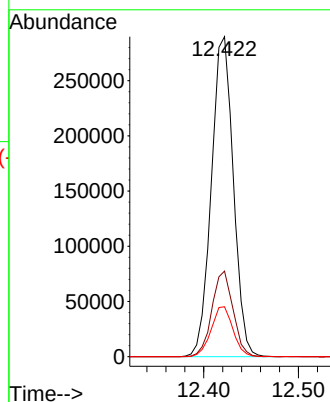
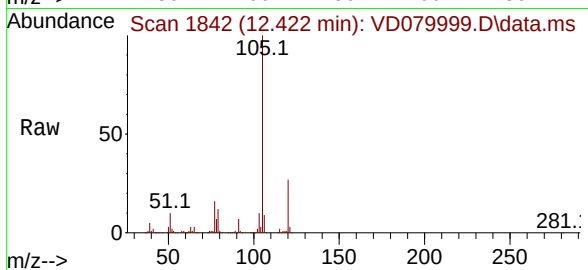
Tgt Ion:105 Resp: 467221

Ion Ratio Lower Upper

105 100

120 25.7 21.3 31.9

77 15.5 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 26.885 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079999.D

Acq: 12 Nov 2024 16:56

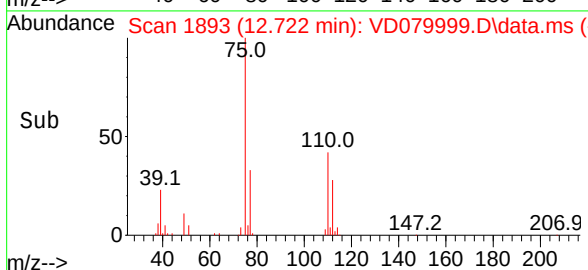
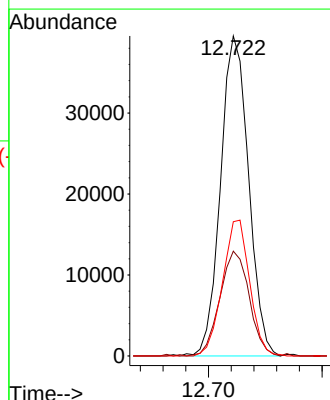
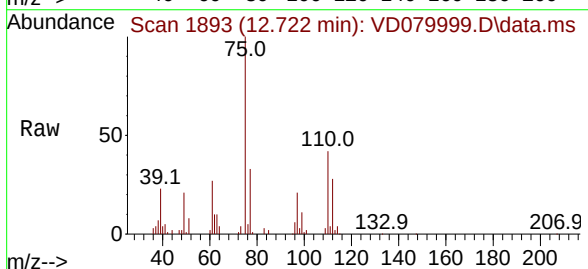
Tgt Ion: 75 Resp: 67700

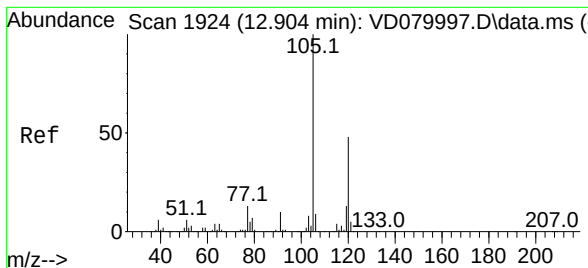
Ion Ratio Lower Upper

75 100

77 34.2 26.3 39.5

110 41.2 30.2 45.2

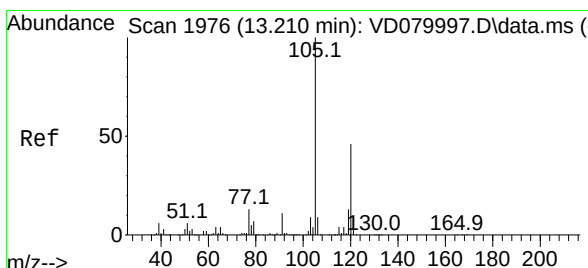
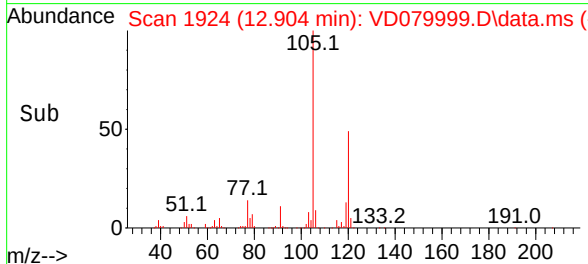
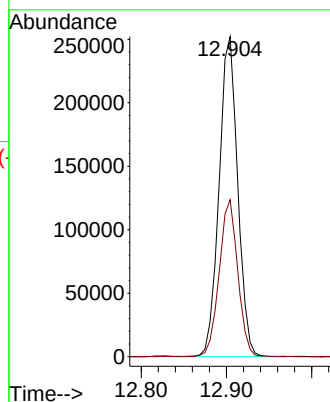
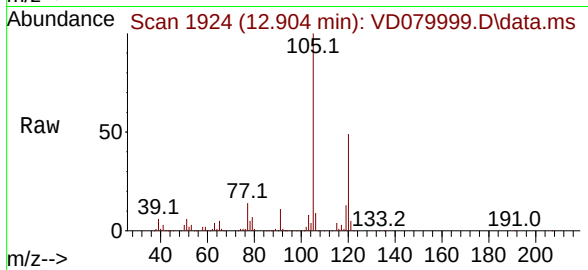




#62
 1,3,5-Trimethylbenzene
 Concen: 27.559 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD079999.D
 Acq: 12 Nov 2024 16:56

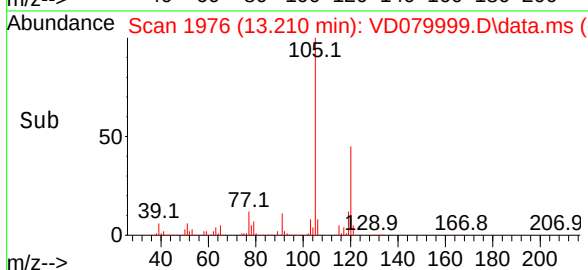
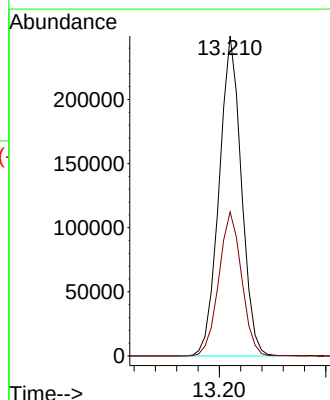
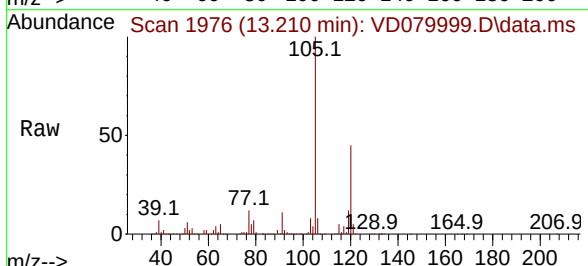
Instrument :
 MSVOA_D
 ClientSampleId :

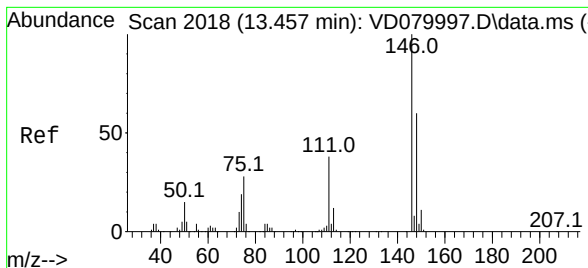
Tgt Ion:105 Resp: 382244
 Ion Ratio Lower Upper
 105 100
 120 48.9 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 26.202 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD079999.D
 Acq: 12 Nov 2024 16:56

Tgt Ion:105 Resp: 361851
 Ion Ratio Lower Upper
 105 100
 120 45.9 36.8 55.2





#64

1,3-Dichlorobenzene

Concen: 25.087 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079999.D

Acq: 12 Nov 2024 16:56

Instrument :

MSVOA_D

ClientSampleId :

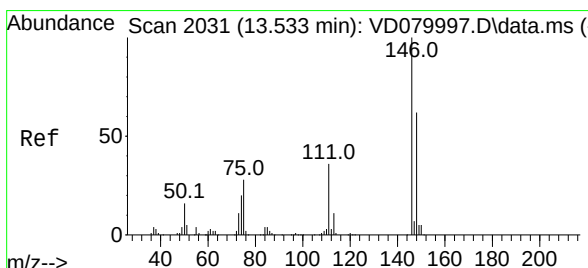
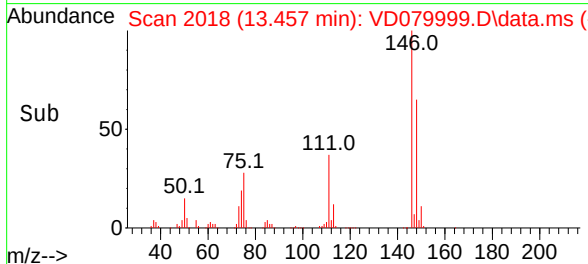
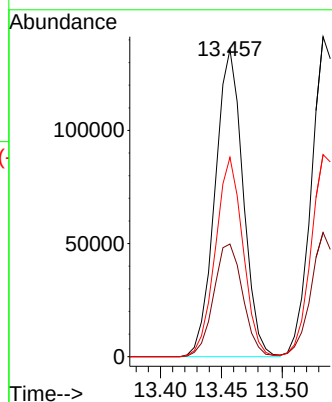
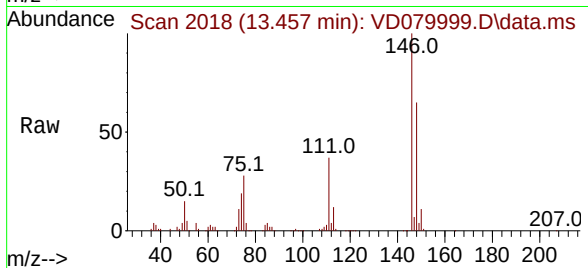
Tgt Ion:146 Resp: 217473

Ion Ratio Lower Upper

146 100

111 36.7 28.2 52.4

148 64.9 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 24.834 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD079999.D

Acq: 12 Nov 2024 16:56

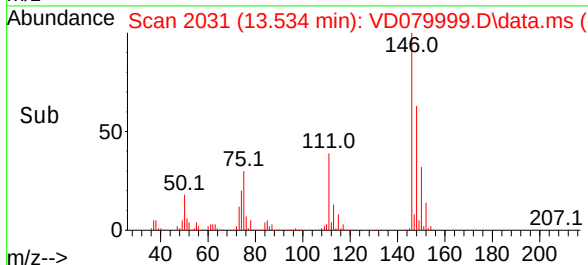
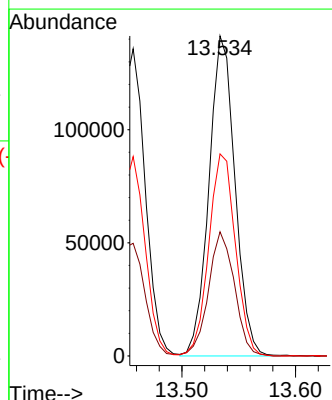
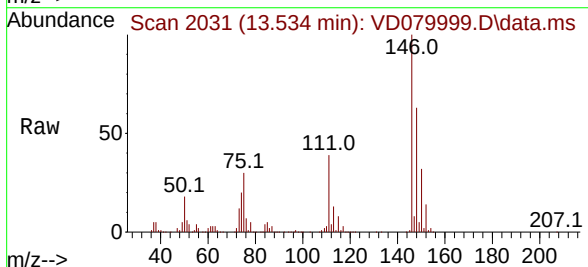
Tgt Ion:146 Resp: 225517

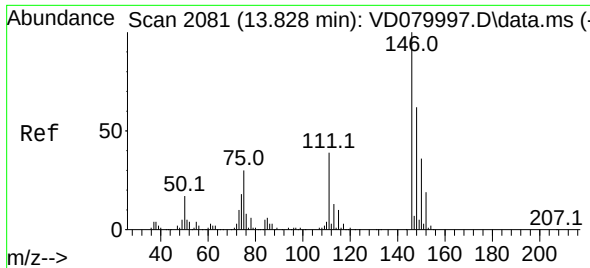
Ion Ratio Lower Upper

146 100

111 38.8 26.2 48.8

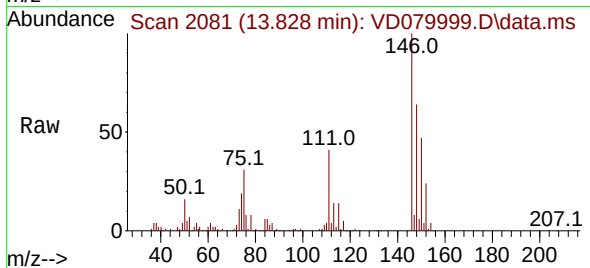
148 63.2 46.1 85.5



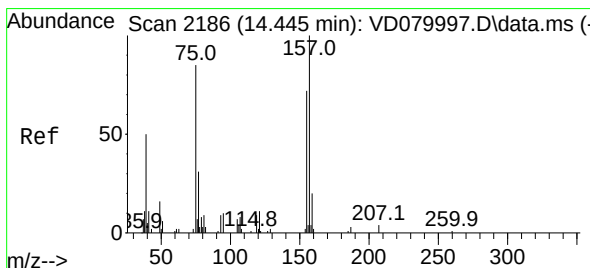
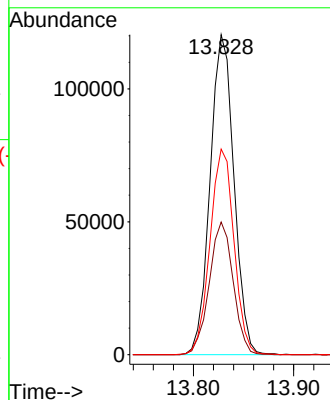
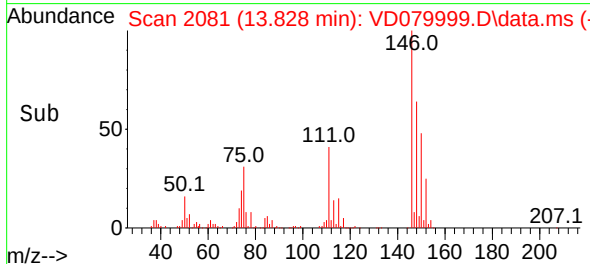


#67
1,2-Dichlorobenzene
Concen: 24.823 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

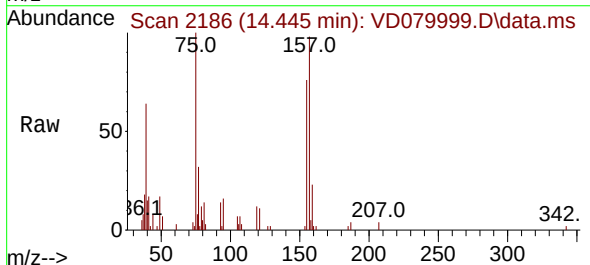
Instrument :
MSVOA_D
ClientSampleId :



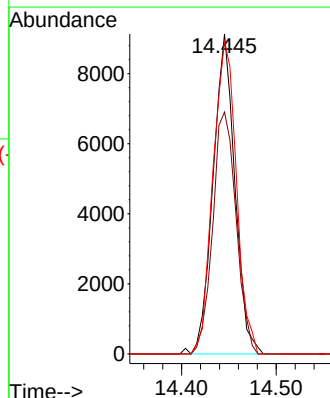
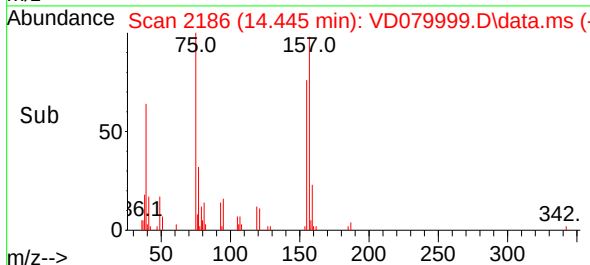
Tgt Ion:146 Resp: 198817
Ion Ratio Lower Upper
146 100
111 41.4 33.0 49.6
148 64.2 51.0 76.4

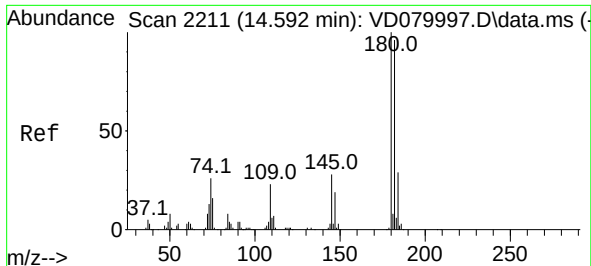


#68
1,2-Dibromo-3-chloropropane
Concen: 26.698 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56



Tgt Ion: 75 Resp: 14650
Ion Ratio Lower Upper
75 100
155 75.6 68.7 103.1
157 97.8 79.4 119.2





#69

1,3,5-Trichlorobenzene

Concen: 24.743 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

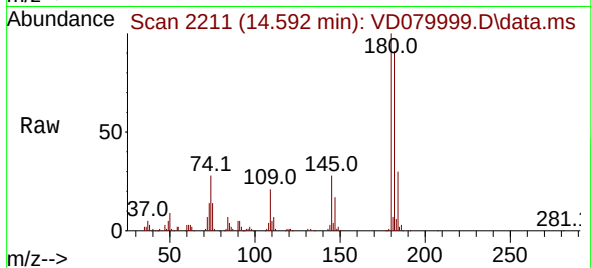
Lab File: VD079999.D

Acq: 12 Nov 2024 16:56

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 144886

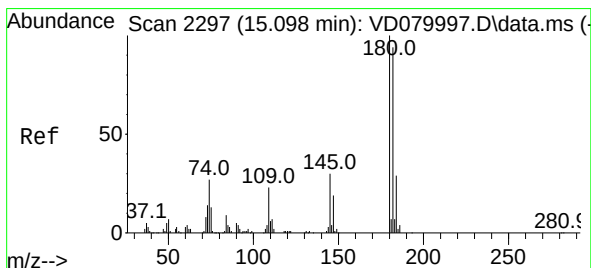
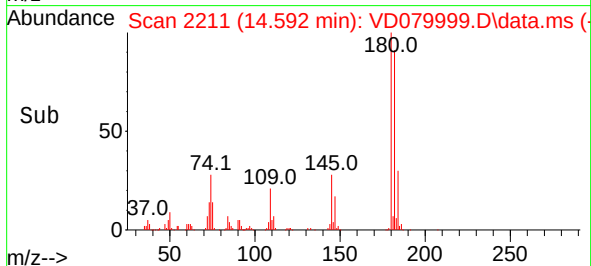
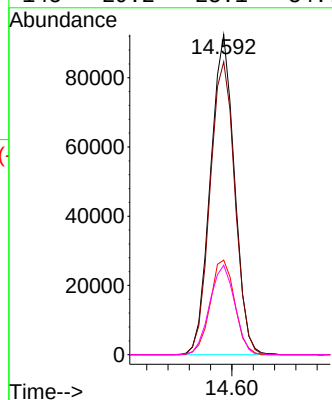
Ion Ratio Lower Upper

180 100

182 93.9 75.8 113.6

184 30.1 24.6 36.8

145 29.2 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 23.908 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD079999.D

Acq: 12 Nov 2024 16:56

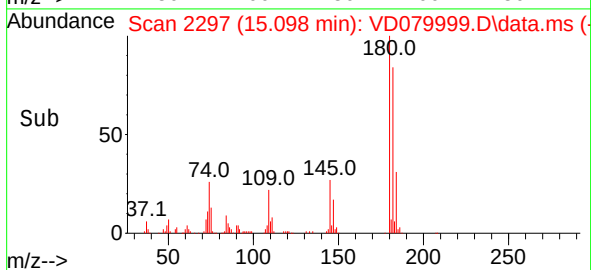
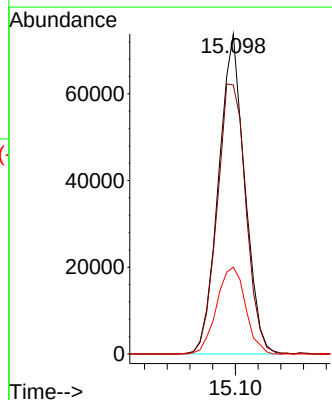
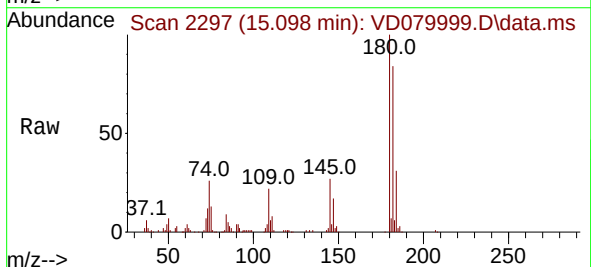
Tgt Ion:180 Resp: 117961

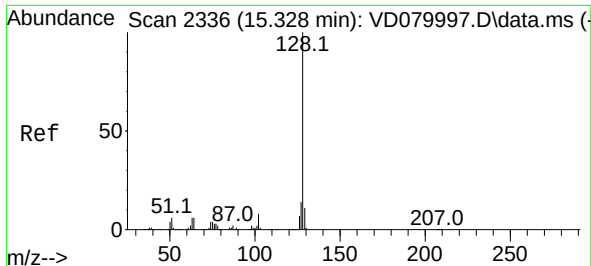
Ion Ratio Lower Upper

180 100

182 93.1 75.9 113.9

145 29.8 23.0 34.4

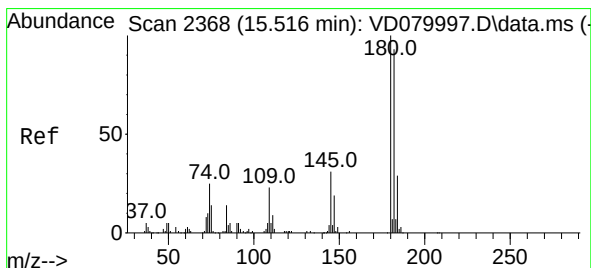
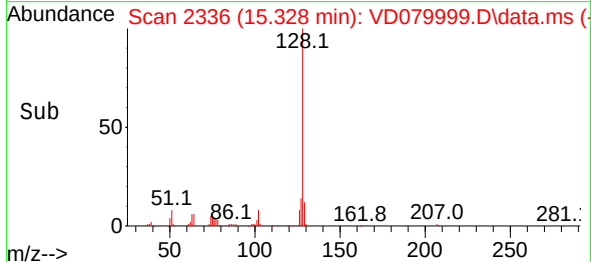
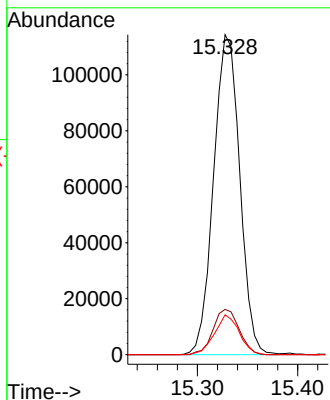
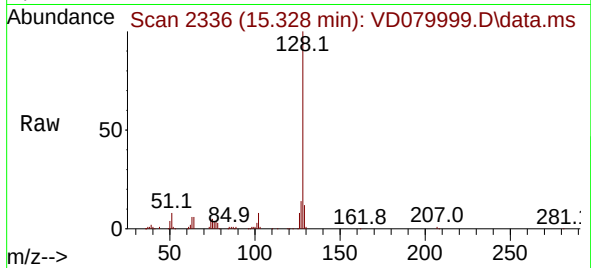




#71
Naphthalene
Concen: 24.568 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 207098
Ion Ratio Lower Upper
128 100
127 14.1 11.0 16.6
129 11.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 24.477 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD079999.D
Acq: 12 Nov 2024 16:56

Tgt Ion:180 Resp: 106620
Ion Ratio Lower Upper
180 100
182 99.3 75.8 113.8
145 32.2 24.9 37.3

