

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111224\
 Data File : VD079994.D
 Acq On : 12 Nov 2024 11:56
 Operator : RP/MD
 Sample : VSTD100
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 13 01:46:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 13 01:43:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	299483	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	297779	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	160479	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	365731	81.929	ug/L	0.00
7) Chloroethane-d5	2.799	69	296566	80.093	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	175631	95.975	ug/L	0.00
21) 2-Butanone-d5	6.987	46	218442	230.491	ug/L	0.00
24) Chloroform-d	7.569	84	871738	102.491	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	452179	98.040	ug/L	0.00
32) Benzene-d6	8.204	84	1697936	99.149	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	547765	99.152	ug/L	0.00
41) Toluene-d8	10.269	98	1608030	103.158	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	238562	107.296	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	210570	258.876	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	453631	102.512	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	581255	104.518	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	403502	88.601	ug/L	99
3) Chloromethane	2.146	50	341714	91.736	ug/L	95
5) Vinyl chloride	2.281	62	431448	92.259	ug/L	96
6) Bromomethane	2.687	94	328485	99.416	ug/L	98
8) Chloroethane	2.834	64	248617	83.491	ug/L	94
9) Trichlorofluoromethane	3.175	101	704676	90.093	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	433120	91.117	ug/L	99
12) 1,1-Dichloroethene	3.940	96	405144	100.968	ug/L	97
13) Acetone	4.022	43	250600	223.385	ug/L	96
14) Carbon disulfide	4.275	76	1267482	94.564	ug/L	100
15) Methyl Acetate	4.563	43	188035	107.798	ug/L #	81
16) Methylene chloride	4.805	84	456617	91.889	ug/L	96
17) trans-1,2-Dichloroethene	5.316	96	448467	101.317	ug/L	95
18) Methyl tert-butyl Ether	5.322	73	1012782	117.554	ug/L	98
19) 1,1-Dichloroethane	6.110	63	803011	97.285	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	510660	105.961	ug/L	98
22) 2-Butanone	7.081	43	304957	232.063	ug/L	99
23) Bromochloromethane	7.428	128	229332	95.825	ug/L	96
25) Chloroform	7.599	83	869434	91.119	ug/L	100
27) 1,2-Dichloroethane	8.328	62	531695	95.425	ug/L	98
29) Cyclohexane	7.881	56	719974	111.839	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	704517	92.459	ug/L	99
31) Carbon tetrachloride	7.993	117	612100	91.489	ug/L	99
33) Benzene	8.251	78	1876013	100.812	ug/L	100
34) Trichloroethene	9.028	95	486015	97.389	ug/L	95
35) Methylcyclohexane	9.275	83	772614	105.926	ug/L	100
37) 1,2-Dichloropropane	9.304	63	501295	96.434	ug/L	99
38) Bromodichloromethane	9.587	83	637147	96.183	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	821019	109.333	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	574656	234.126	ug/L	98
42) Toluene	10.334	91	2099088	103.262	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	695897	107.591	ug/L	98

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

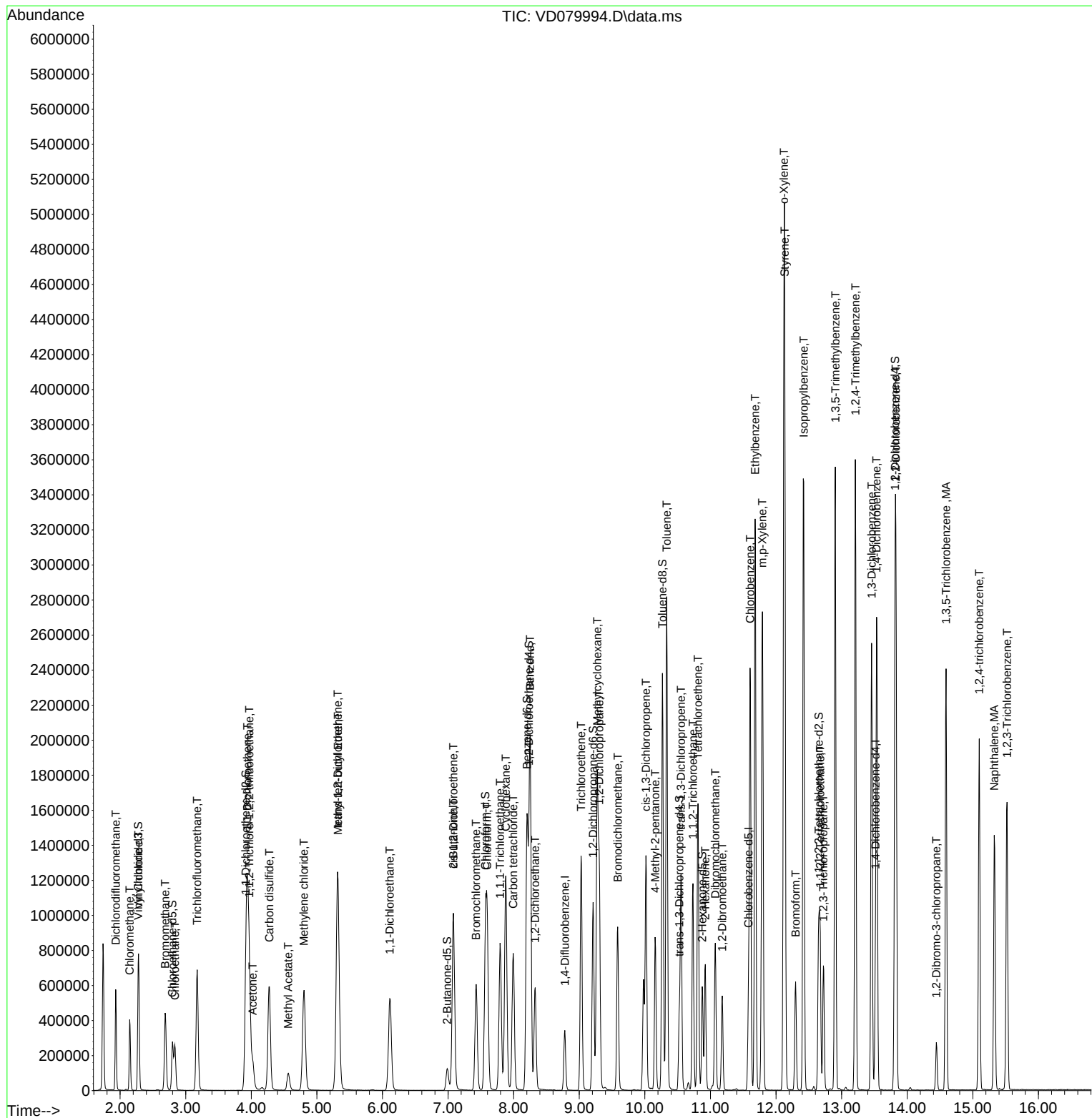
45) 1,1,2-Trichloroethane	10.734	97	381899	96.432	ug/L	98
46) Tetrachloroethene	10.810	164	388116	91.436	ug/L	95
48) 2-Hexanone	10.922	43	461490	233.166	ug/L	100
49) Dibromochloromethane	11.075	129	444992	95.408	ug/L	100
50) 1,2-Dibromoethane	11.181	107	365322	101.102	ug/L	99
51) Chlorobenzene	11.604	112	1325460	99.457	ug/L	97
52) Ethylbenzene	11.681	91	2341314	106.726	ug/L	100
53) m,p-Xylene	11.792	106	883567	107.415	ug/L	93
54) o-Xylene	12.122	106	880791	112.345	ug/L	98
55) Styrene	12.134	104	1568090	111.175	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	452009	98.265	ug/L	99
59) Bromoform	12.298	173	283162	95.603	ug/L	100
60) Isopropylbenzene	12.422	105	2340153	106.678	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	303838	97.139	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	1914381	111.118	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	1918434	111.835	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	1069715	99.344	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	1089182	96.560	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	999463	100.460	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	68235	100.109	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	753056	103.536	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	653111	106.567	ug/L	99
71) Naphthalene	15.328	128	1234539	117.907	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	588062	108.687	ug/L	100

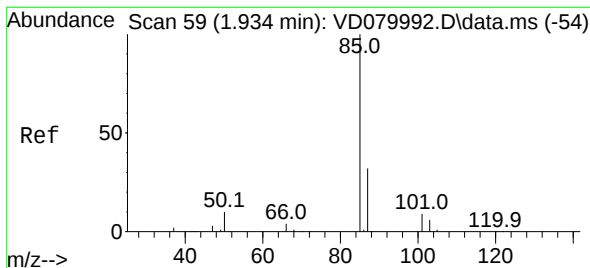
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#2

Dichlorodifluoromethane

Concen: 88.601 ug/L

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD079994.D

Acq: 12 Nov 2024 11:56

Instrument :

MSVOA_D

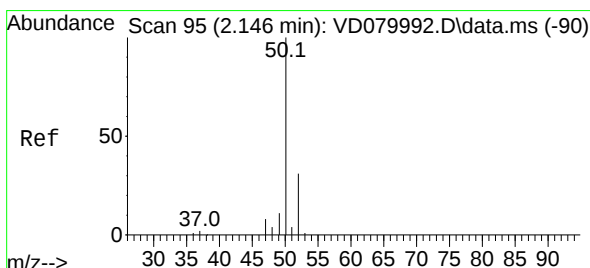
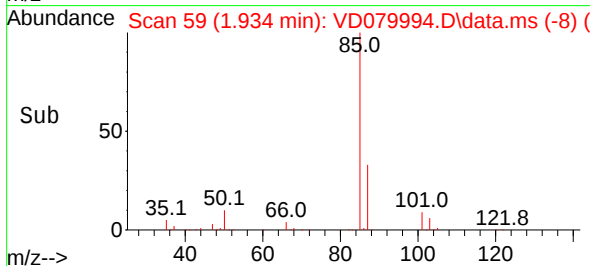
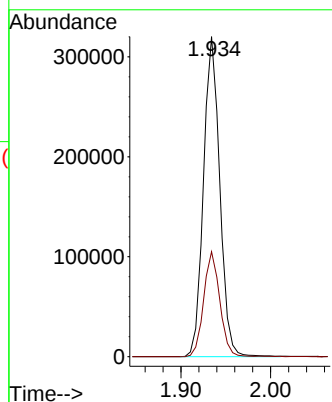
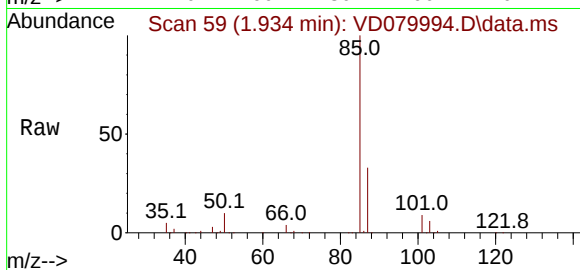
ClientSampleId :

Tgt Ion: 85 Resp: 403502

Ion Ratio Lower Upper

85 100

87 32.4 25.4 38.2



#3

Chloromethane

Concen: 91.736 ug/L

RT: 2.146 min Scan# 95

Delta R.T. -0.000 min

Lab File: VD079994.D

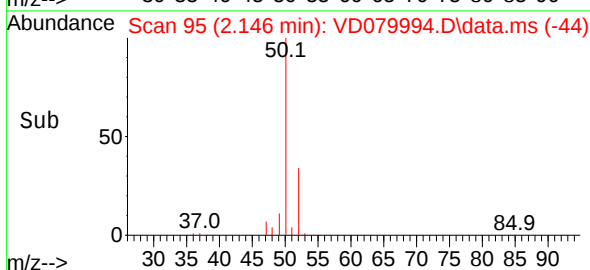
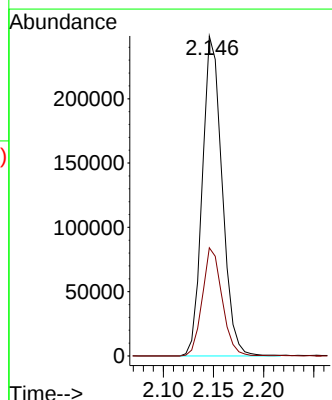
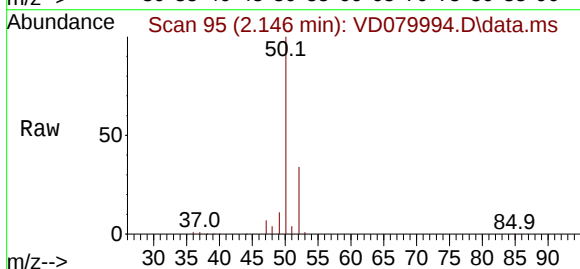
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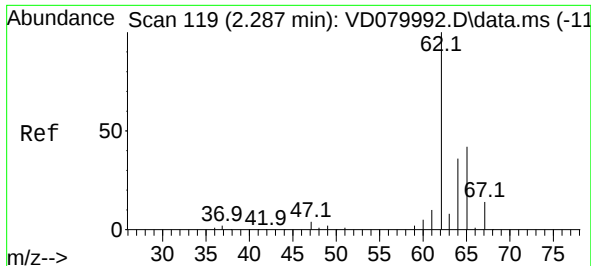
Tgt Ion: 50 Resp: 341714

Ion Ratio Lower Upper

50 100

52 33.8 21.6 40.0

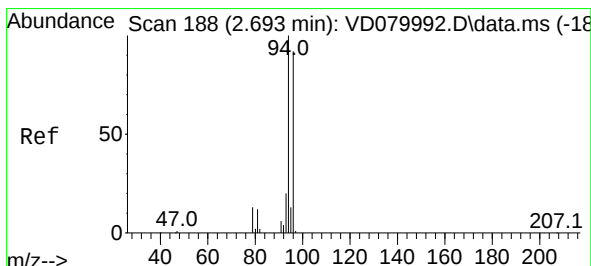
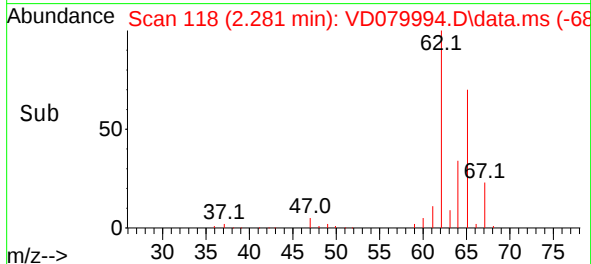
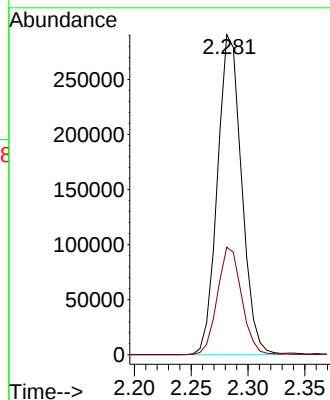
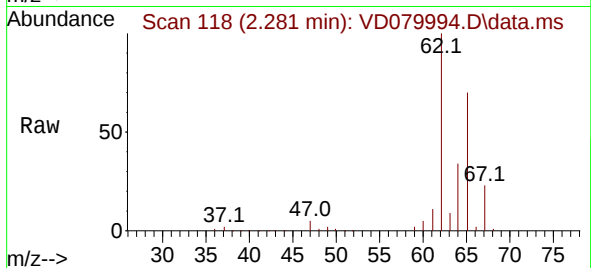




#5
 Vinyl chloride
 Concen: 92.259 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD079994.D
 Acq: 12 Nov 2024 11:56

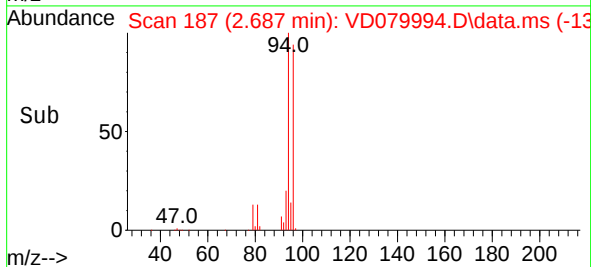
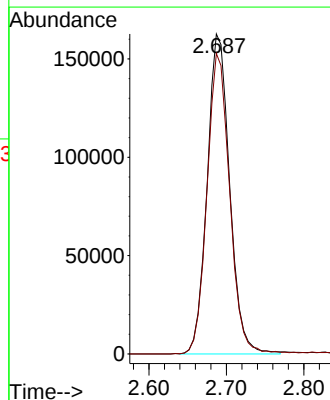
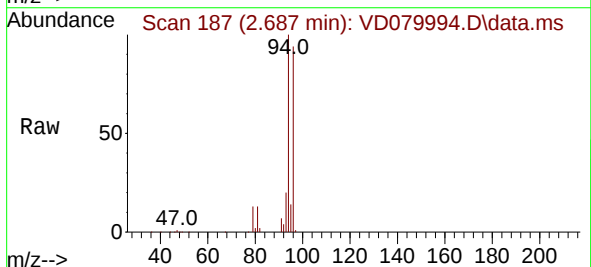
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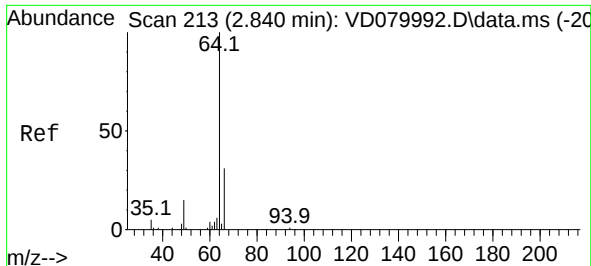
Tgt Ion: 62 Resp: 431448
 Ion Ratio Lower Upper
 62 100
 64 33.6 25.1 46.7



#6
 Bromomethane
 Concen: 99.416 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD079994.D
 Acq: 12 Nov 2024 11:56

Tgt Ion: 94 Resp: 328485
 Ion Ratio Lower Upper
 94 100
 96 93.9 64.5 119.7

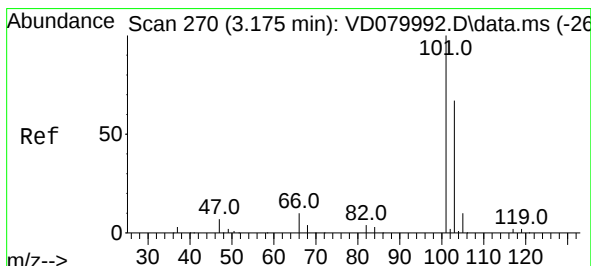
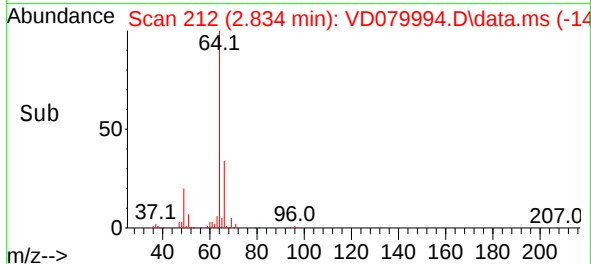
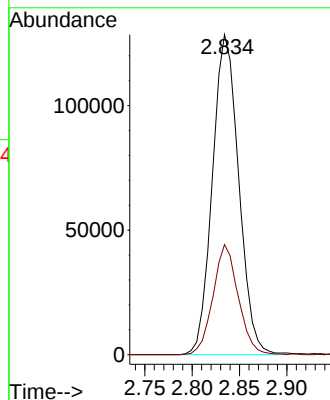
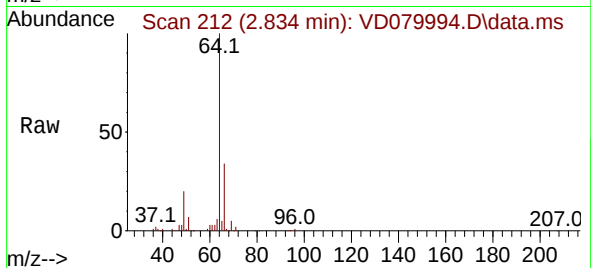




#8
Chloroethane
Concen: 83.491 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

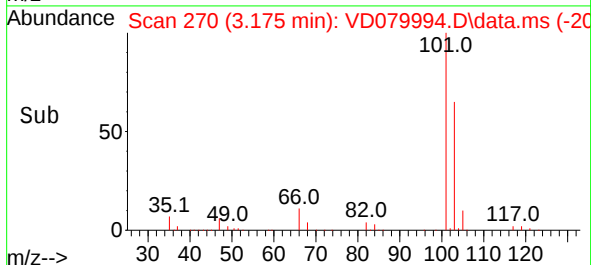
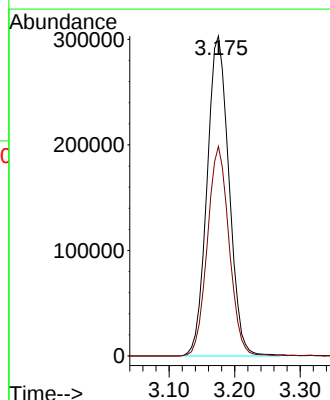
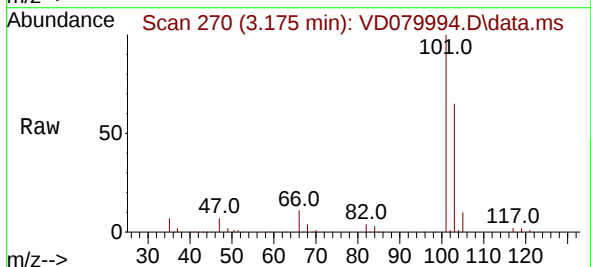
Instrument :
MSVOA_D
ClientSampleId :

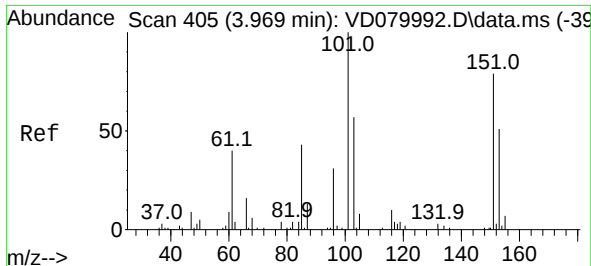
Tgt Ion: 64 Resp: 248617
Ion Ratio Lower Upper
64 100
66 34.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 90.093 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

Tgt Ion:101 Resp: 704676
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.8

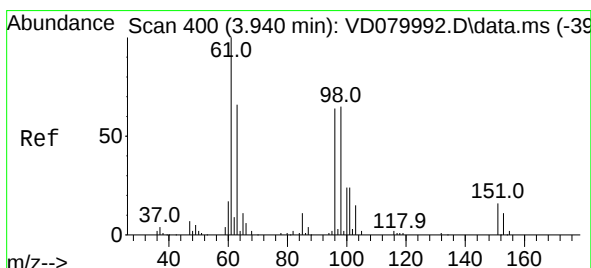
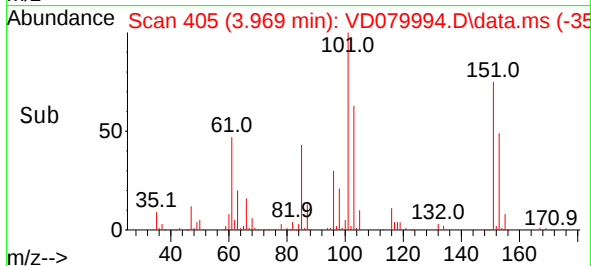
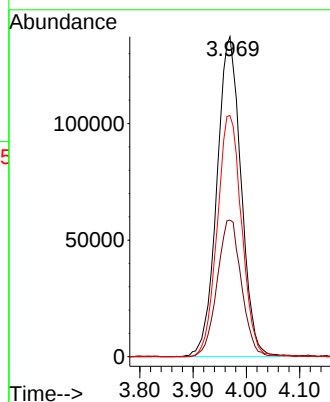
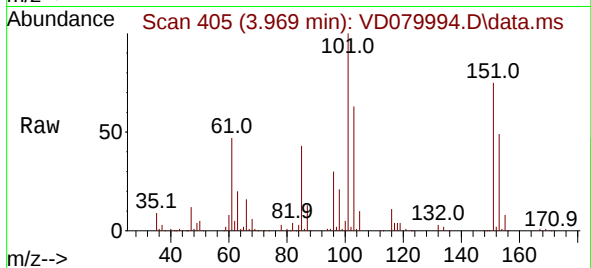




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 91.117 ug/L
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

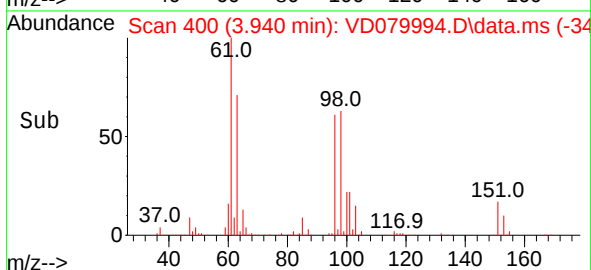
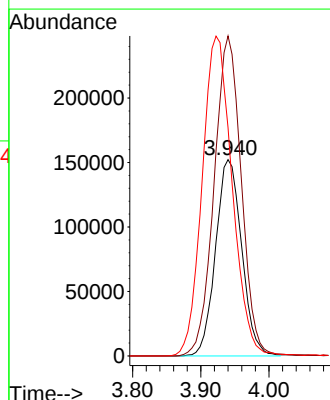
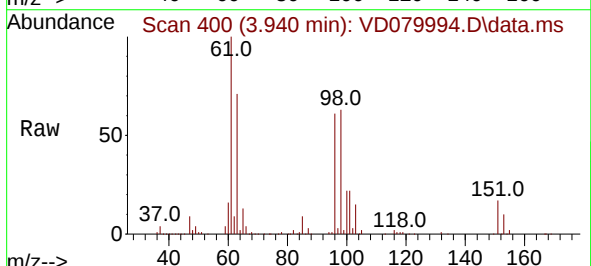
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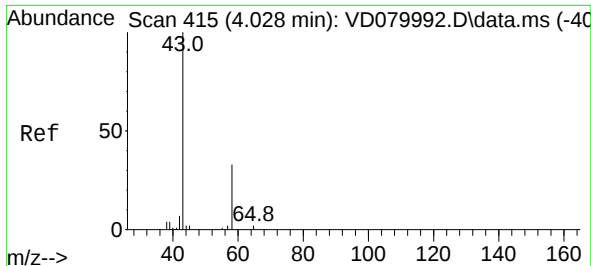
Tgt Ion:101 Resp: 433120
Ion Ratio Lower Upper
101 100
85 42.8 34.9 52.3
151 76.1 60.7 91.1



#12
1,1-Dichloroethene
Concen: 100.968 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

Tgt Ion: 96 Resp: 405144
Ion Ratio Lower Upper
96 100
61 163.0 111.2 206.6
63 116.3 78.9 146.5

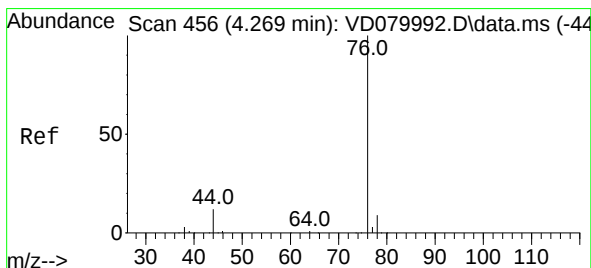
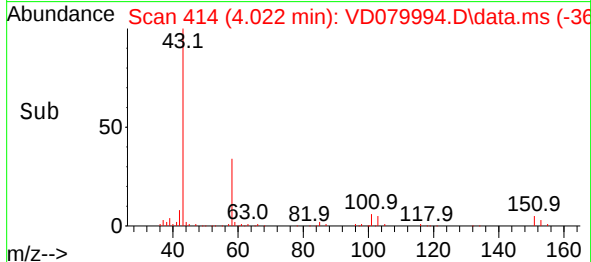
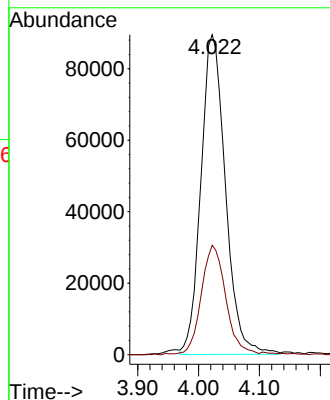
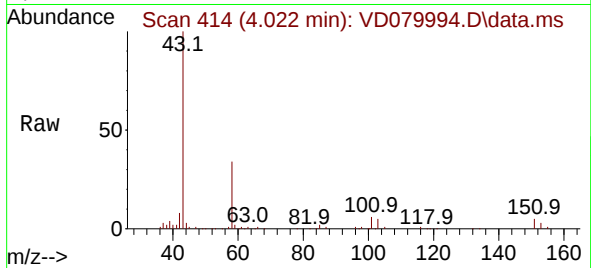




#13
Acetone
Concen: 223.385 ug/L
RT: 4.022 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

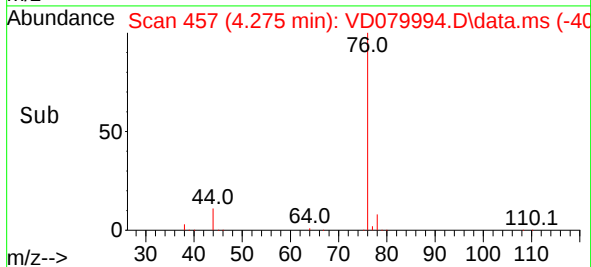
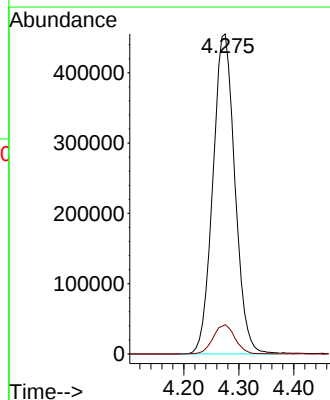
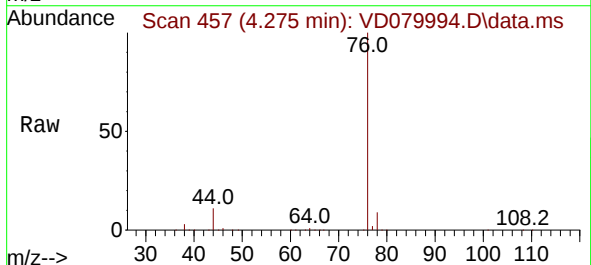
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MSVOA_D
ClientSampleId :

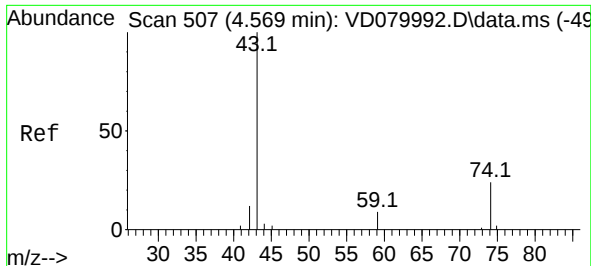
Tgt Ion: 43 Resp: 250600
Ion Ratio Lower Upper
43 100
58 33.8 0.0 71.8



#14
Carbon disulfide
Concen: 94.564 ug/L
RT: 4.275 min Scan# 457
Delta R.T. 0.006 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

Tgt Ion: 76 Resp: 1267482
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2





#15

Methyl Acetate

Concen: 107.798 ug/L

RT: 4.563 min Scan# 507

Delta R.T. -0.006 min

Lab File: VD079994.D

Acq: 12 Nov 2024 11:56

Instrument :

MSVOA_D

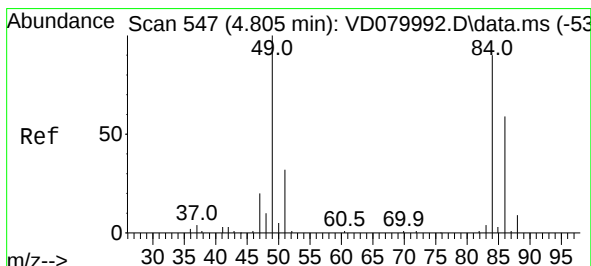
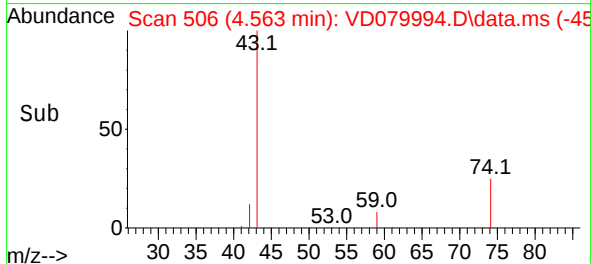
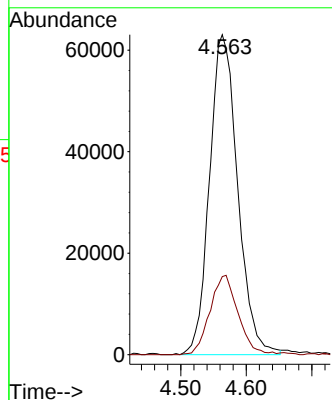
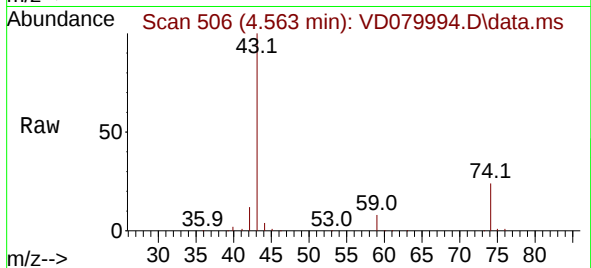
ClientSampleId :

Tgt Ion: 43 Resp: 188035

Ion Ratio Lower Upper

43 100

74 24.5 0.2 0.2#



#16

Methylene chloride

Concen: 91.889 ug/L

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD079994.D

Acq: 12 Nov 2024 11:56

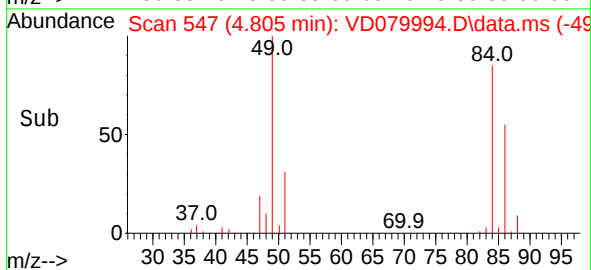
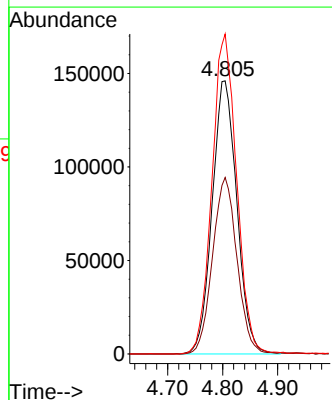
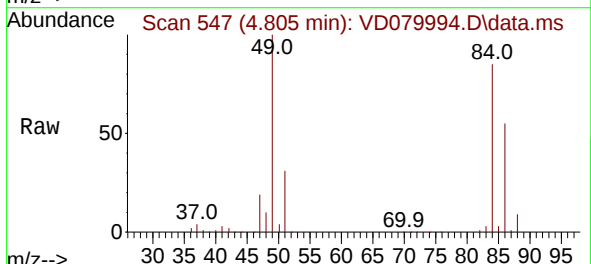
Tgt Ion: 84 Resp: 456617

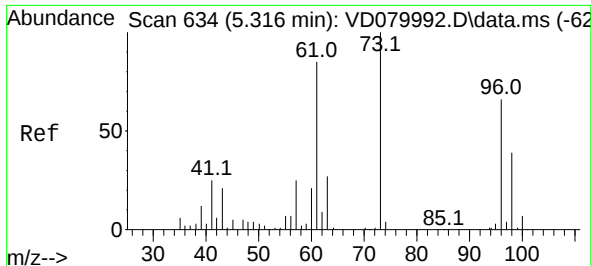
Ion Ratio Lower Upper

84 100

86 64.7 45.4 84.4

49 117.2 77.3 143.7





#17

trans-1,2-Dichloroethene

Concen: 101.317 ug/L

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD079994.D

Acq: 12 Nov 2024 11:56

Instrument :

MSVOA_D

ClientSampleId :

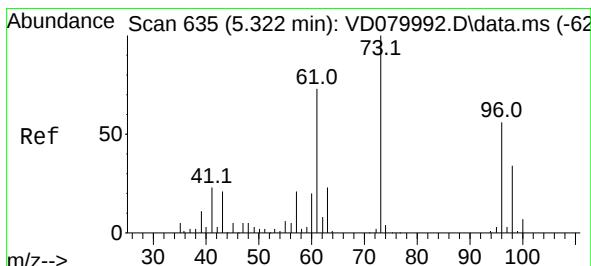
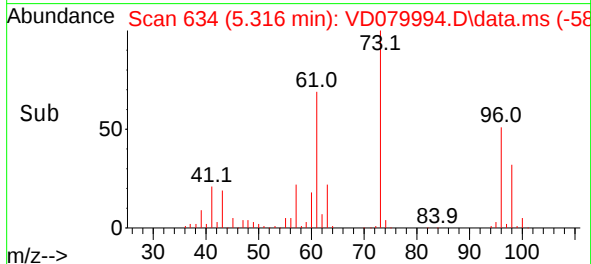
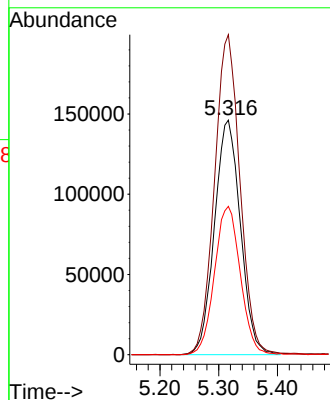
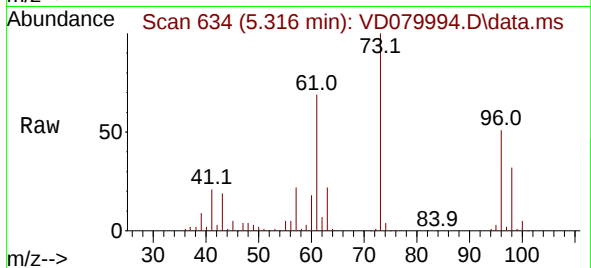
Tgt Ion: 96 Resp: 448467

Ion Ratio Lower Upper

96 100

61 136.4 91.1 169.3

98 63.2 41.6 77.2



#18

Methyl tert-butyl Ether

Concen: 117.554 ug/L

RT: 5.322 min Scan# 635

Delta R.T. -0.000 min

Lab File: VD079994.D

Acq: 12 Nov 2024 11:56

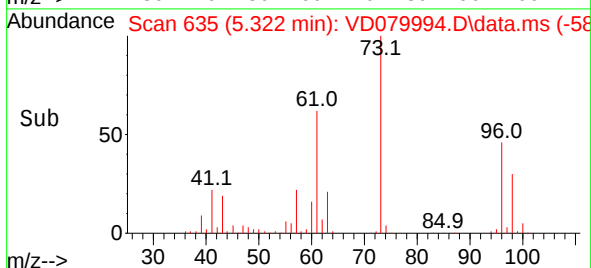
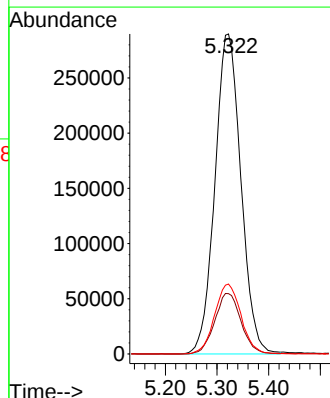
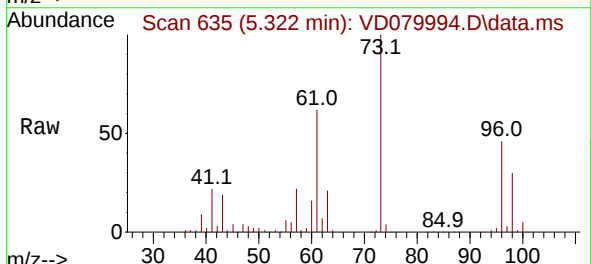
Tgt Ion: 73 Resp: 1012782

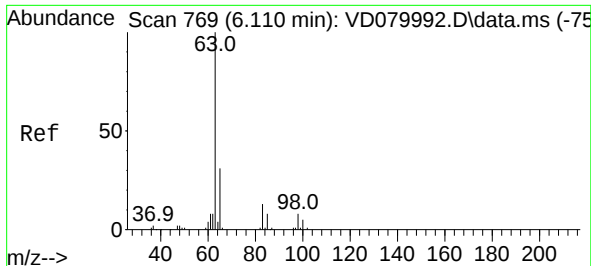
Ion Ratio Lower Upper

73 100

43 19.1 16.1 24.1

57 22.2 18.5 27.7

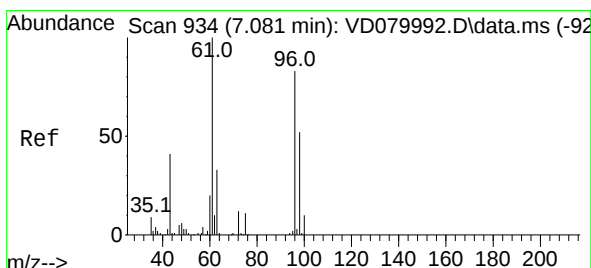
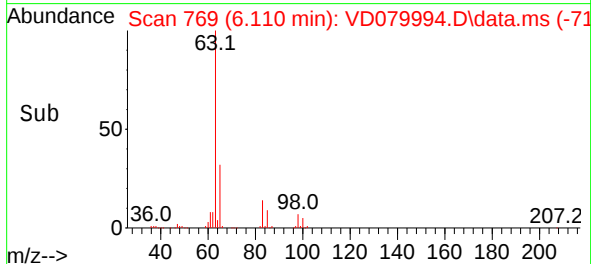
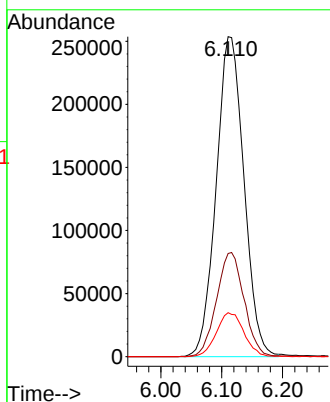
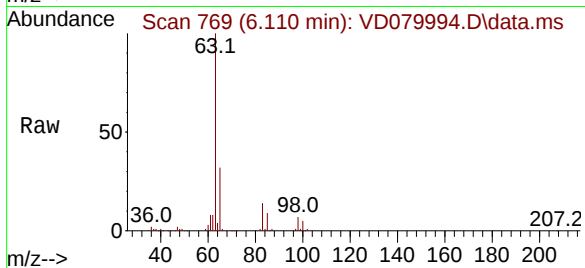




#19
1,1-Dichloroethane
Concen: 97.285 ug/L
RT: 6.110 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

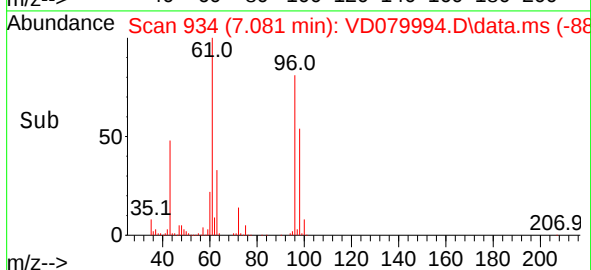
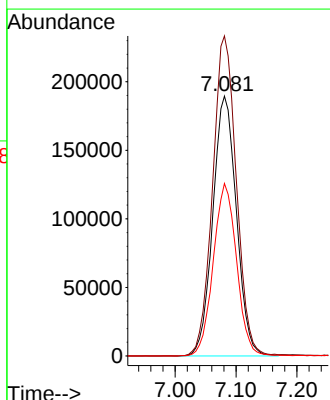
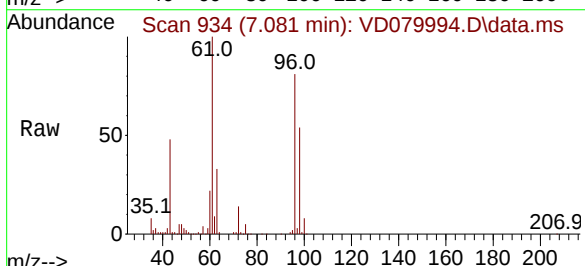
Instrument :
MSVOA_D
ClientSampleId :

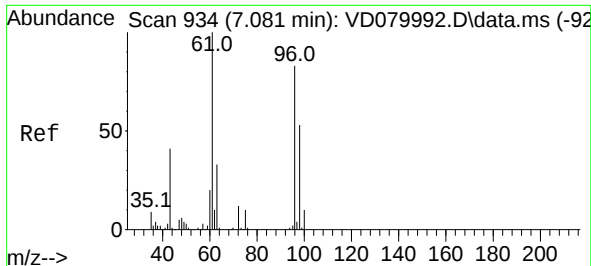
Tgt Ion: 63 Resp: 803011
Ion Ratio Lower Upper
63 100
65 32.3 21.9 40.7
83 13.8 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 105.961 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

Tgt Ion: 96 Resp: 510660
Ion Ratio Lower Upper
96 100
61 123.1 84.8 157.4
98 66.4 44.4 82.5

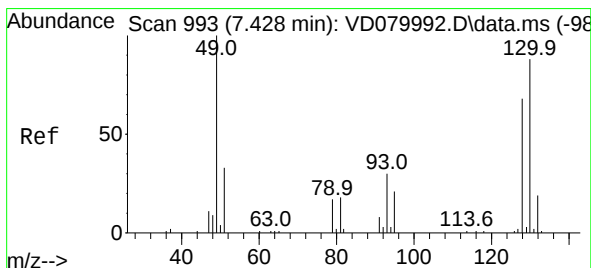
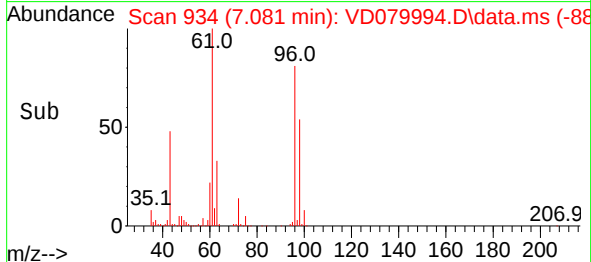
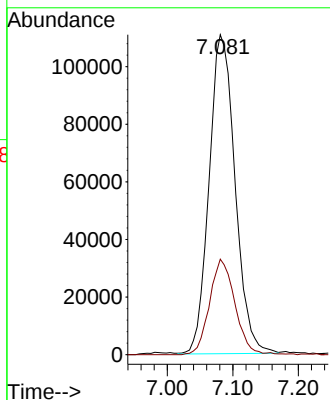
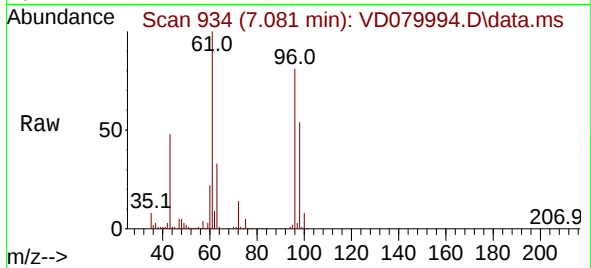




#22
2-Butanone
Concen: 232.063 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

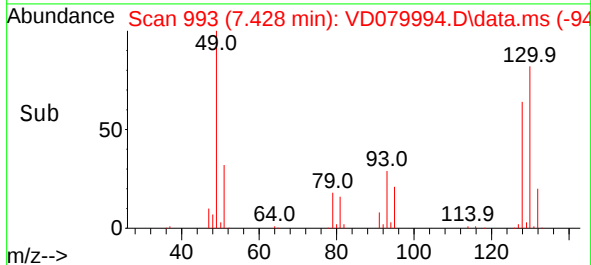
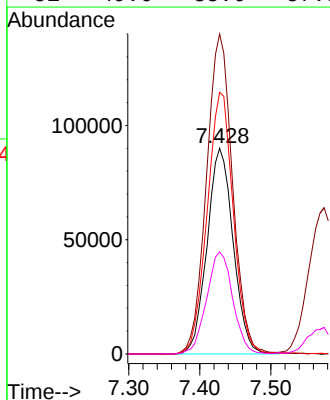
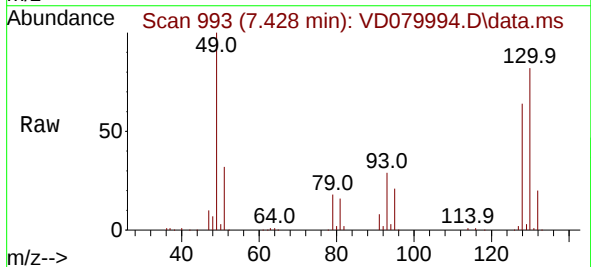
Instrument :
MSVOA_D
ClientSampleId :

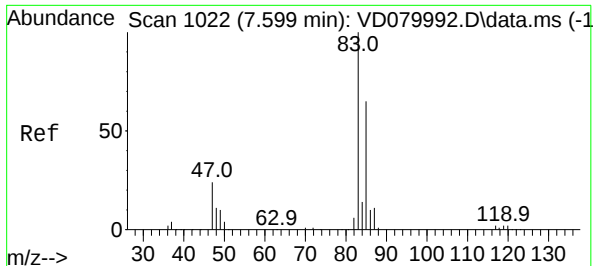
Tgt Ion: 43 Resp: 304957
Ion Ratio Lower Upper
43 100
72 28.9 14.3 42.9



#23
Bromochloromethane
Concen: 95.825 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

Tgt Ion: 128 Resp: 229332
Ion Ratio Lower Upper
128 100
49 155.5 103.2 191.6
130 127.1 90.6 168.2
51 49.6 38.6 57.8





#25

Chloroform

Concen: 91.119 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD079994.D

Acq: 12 Nov 2024 11:56

Instrument :

MSVOA_D

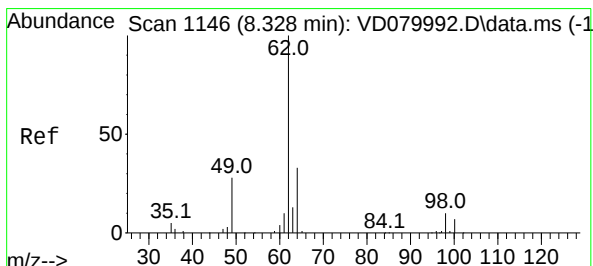
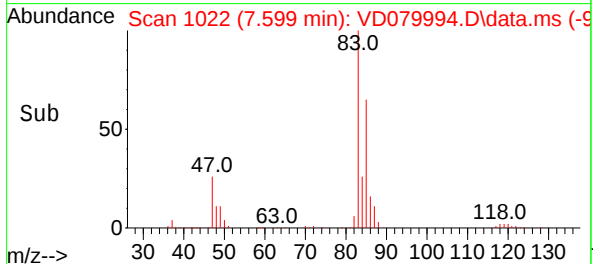
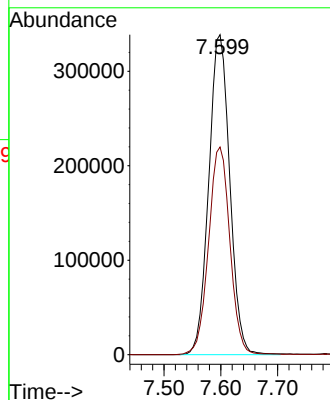
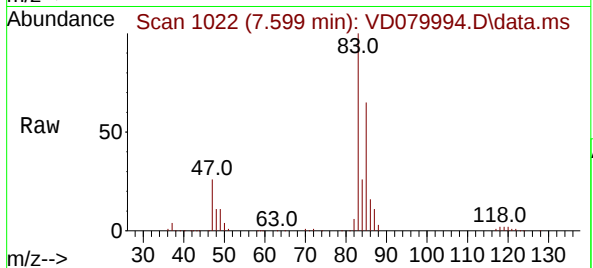
ClientSampleId :

Tgt Ion: 83 Resp: 869434

Ion Ratio Lower Upper

83 100

85 64.9 45.6 84.6



#27

1,2-Dichloroethane

Concen: 95.425 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD079994.D

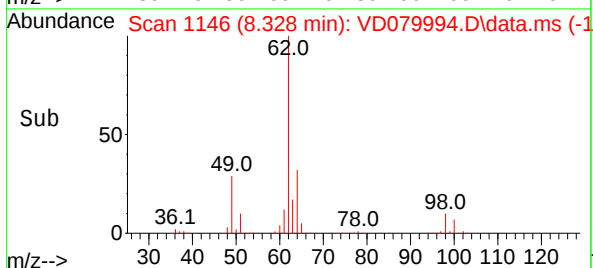
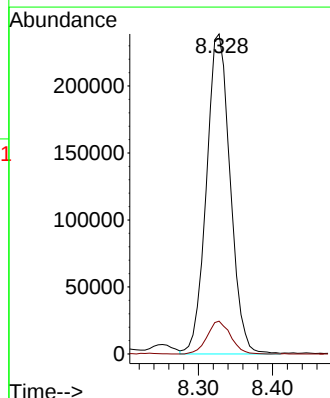
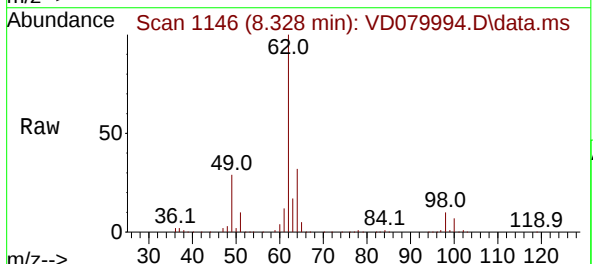
Acq: 12 Nov 2024 11:56

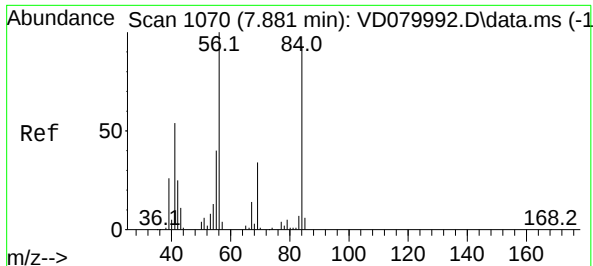
Tgt Ion: 62 Resp: 531695

Ion Ratio Lower Upper

62 100

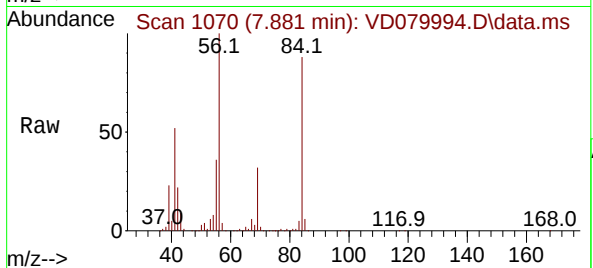
98 10.2 7.5 11.3



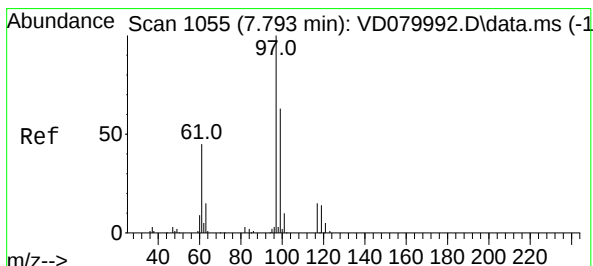
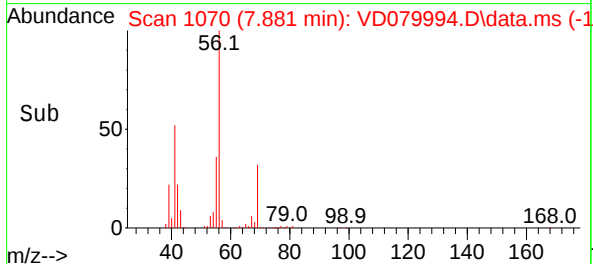
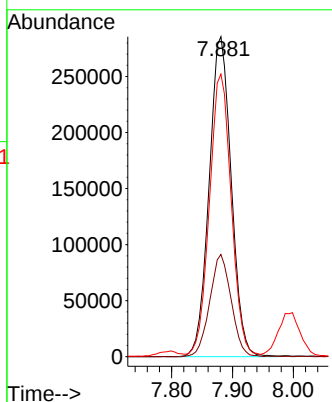


#29
Cyclohexane
Concen: 111.839 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

Instrument :
MSVOA_D
ClientSampleId :

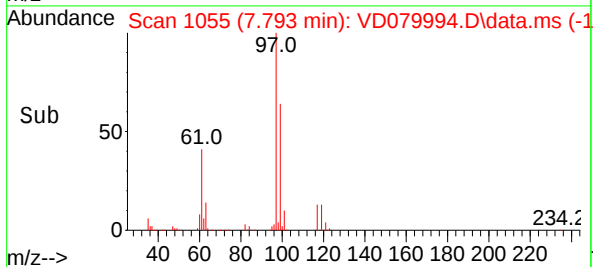
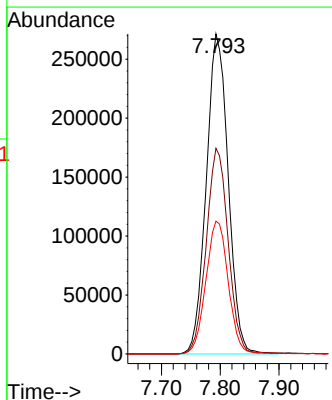
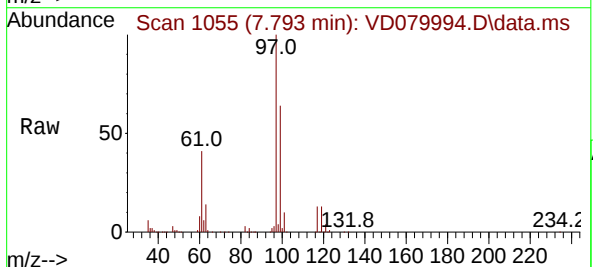


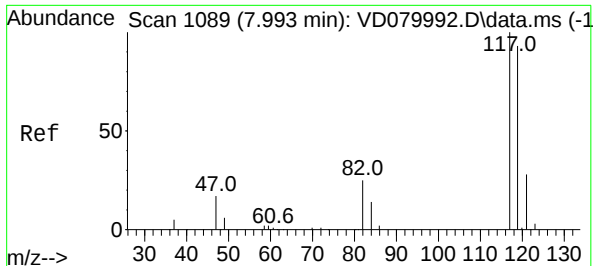
Tgt Ion: 56 Resp: 719974
Ion Ratio Lower Upper
56 100
69 31.0 25.6 38.4
84 87.3 71.0 106.6



#30
1,1,1-Trichloroethane
Concen: 92.459 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

Tgt Ion: 97 Resp: 704517
Ion Ratio Lower Upper
97 100
99 63.9 51.5 77.3
61 42.1 34.3 51.5

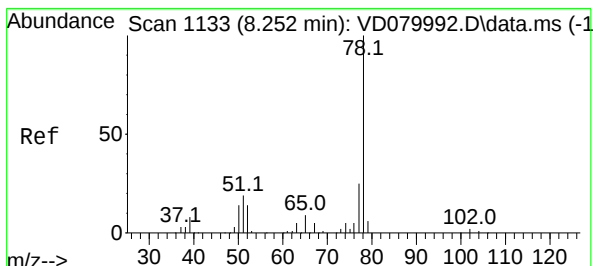
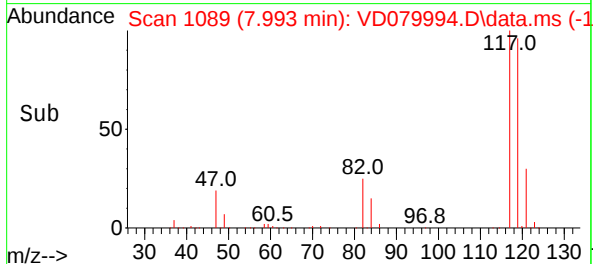
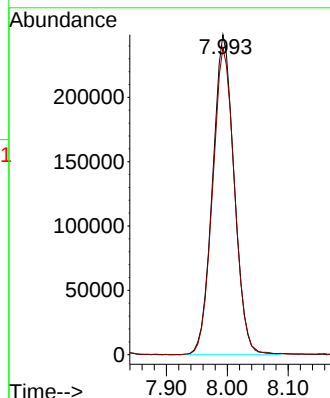
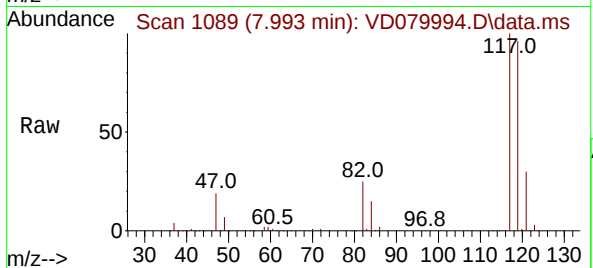




#31
Carbon tetrachloride
Concen: 91.489 ug/L
RT: 7.993 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

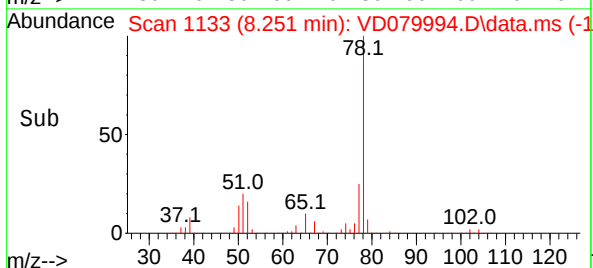
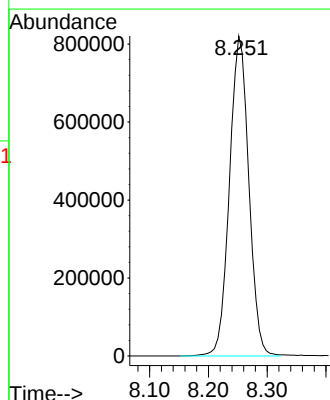
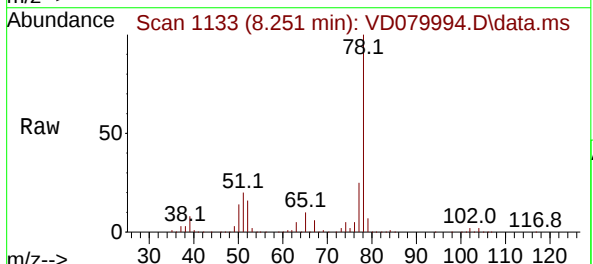
Instrument :
MSVOA_D
ClientSampleId :

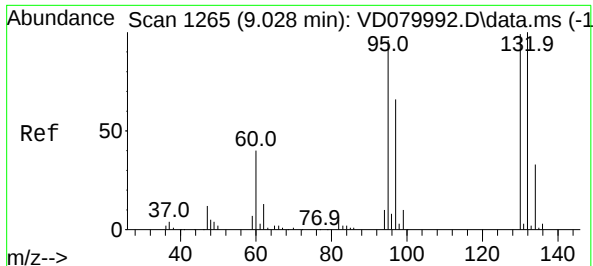
Tgt Ion:117 Resp: 612100
Ion Ratio Lower Upper
117 100
119 96.7 76.8 115.2



#33
Benzene
Concen: 100.812 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

Tgt Ion: 78 Resp: 1876013





#34

Trichloroethene

Concen: 97.389 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD079994.D

Acq: 12 Nov 2024 11:56

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 486015

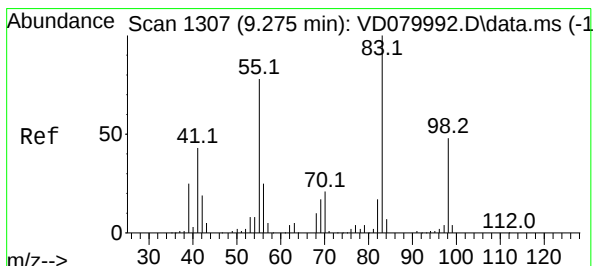
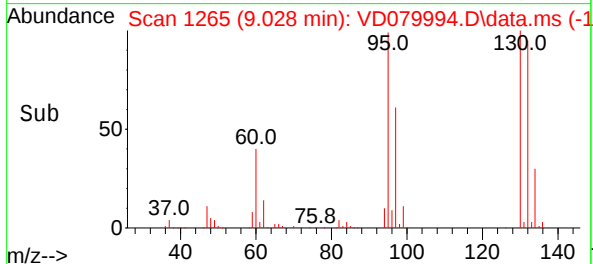
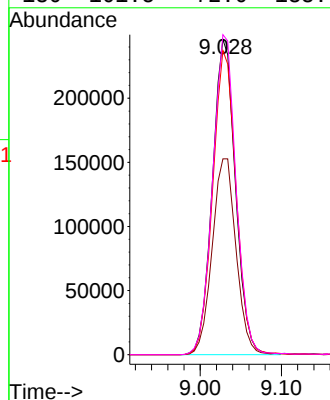
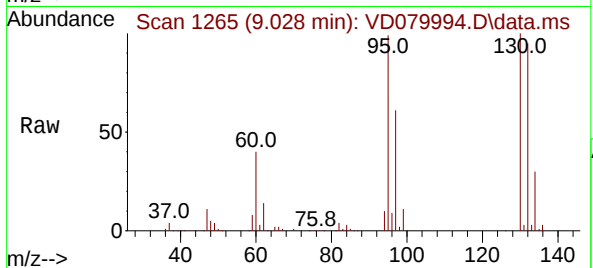
Ion Ratio Lower Upper

95 100

97 62.1 47.7 88.5

132 96.5 72.8 135.2

130 101.5 72.0 133.6



#35

Methylcyclohexane

Concen: 105.926 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD079994.D

Acq: 12 Nov 2024 11:56

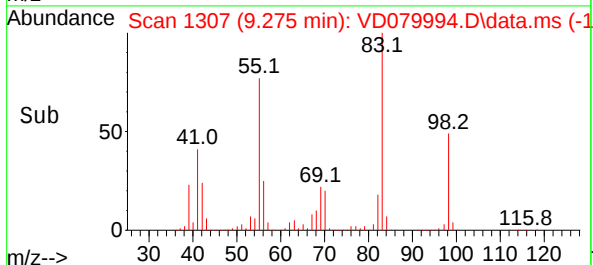
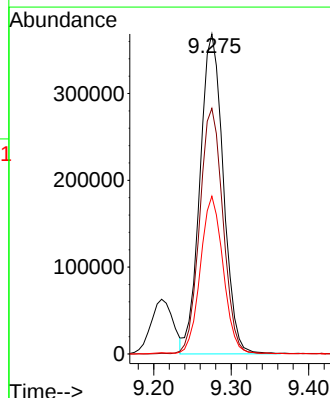
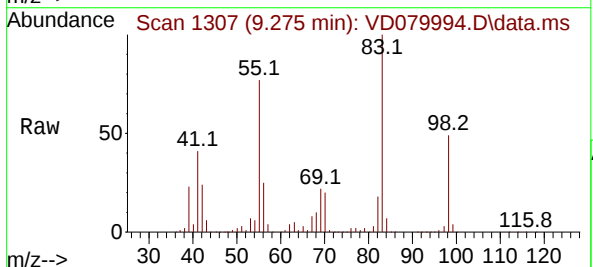
Tgt Ion: 83 Resp: 772614

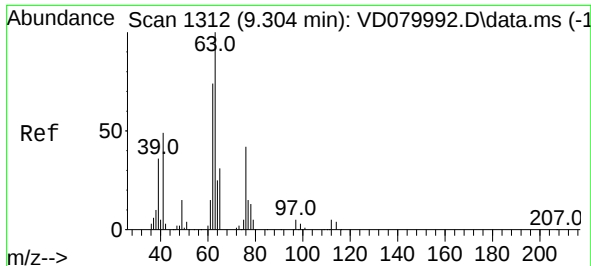
Ion Ratio Lower Upper

83 100

55 76.6 61.2 91.8

98 48.1 38.2 57.2

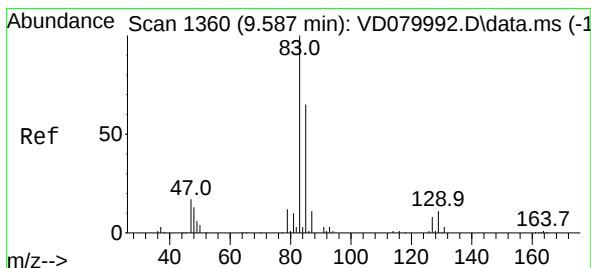
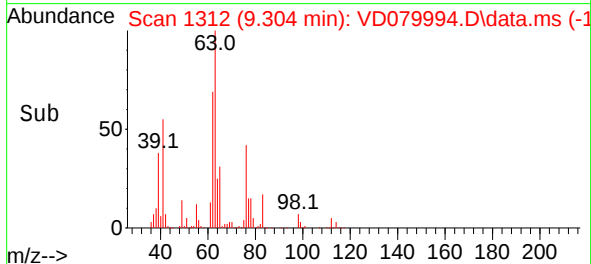
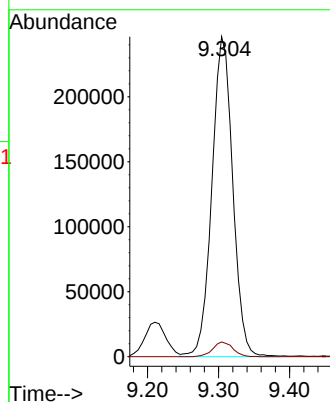
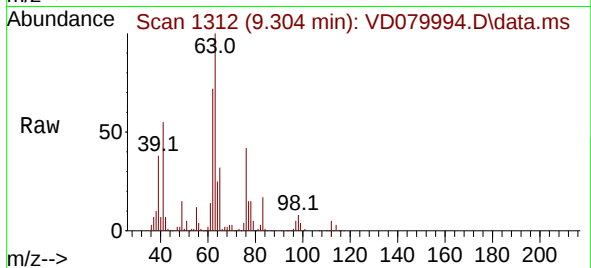




#37
1,2-Dichloropropane
Concen: 96.434 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

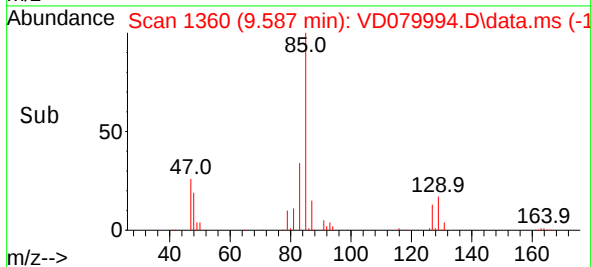
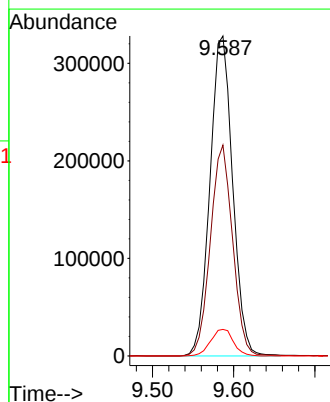
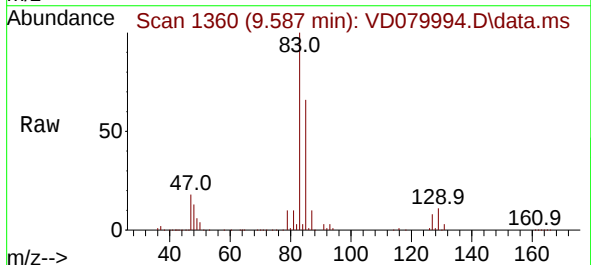
Instrument :
MSVOA_D
ClientSampleId :

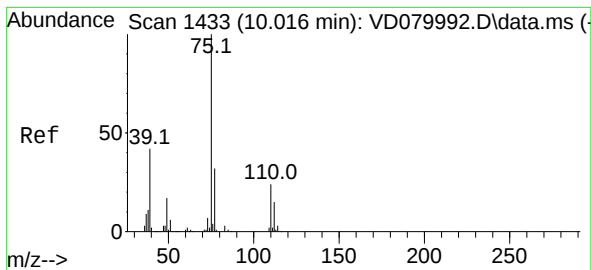
Tgt Ion: 63 Resp: 501295
Ion Ratio Lower Upper
63 100
112 4.4 3.8 5.6



#38
Bromodichloromethane
Concen: 96.183 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

Tgt Ion: 83 Resp: 637147
Ion Ratio Lower Upper
83 100
85 65.9 46.0 85.4
127 8.3 6.7 10.1

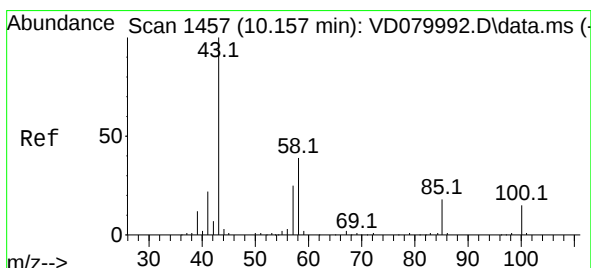
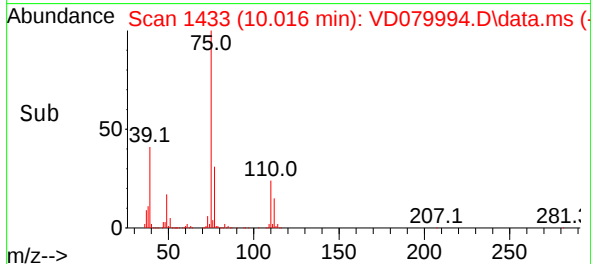
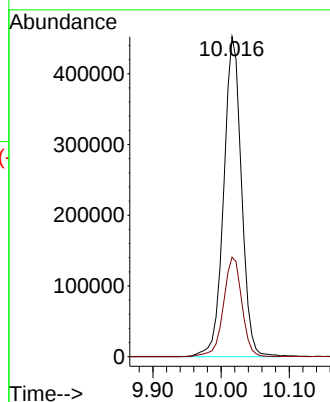
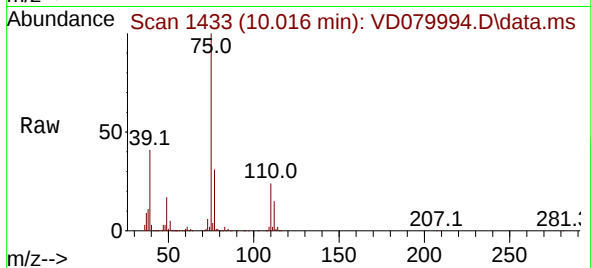




#39
cis-1,3-Dichloropropene
Concen: 109.333 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

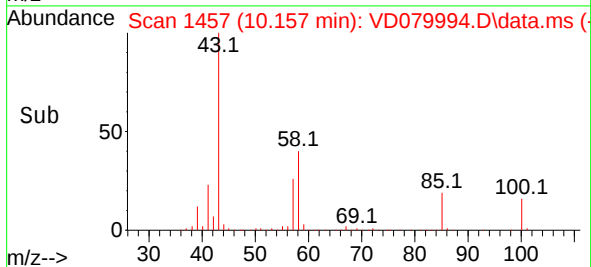
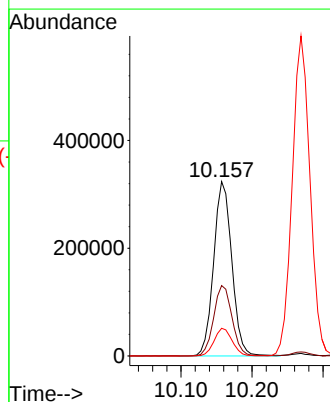
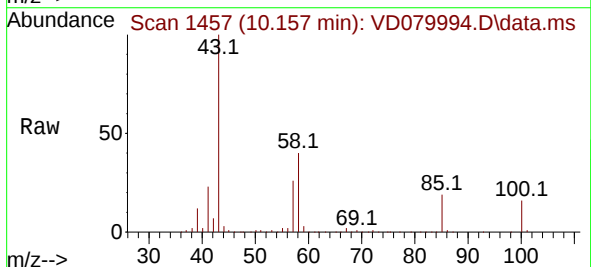
Instrument :
MSVOA_D
ClientSampleId :

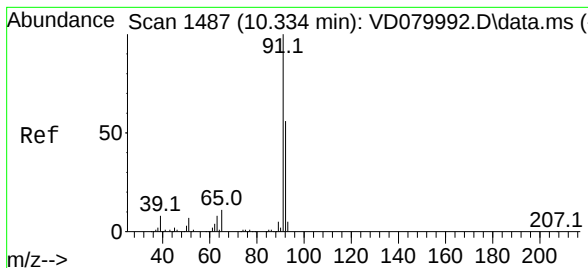
Tgt Ion: 75 Resp: 821019
Ion Ratio Lower Upper
75 100
77 31.1 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 234.126 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

Tgt Ion: 43 Resp: 574656
Ion Ratio Lower Upper
43 100
58 40.8 31.5 47.3
100 15.8 12.7 19.1





#42

Toluene

Concen: 103.262 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min MSVOA_D

Lab File: VD079994.D

Acq: 12 Nov 2024 11:56

Instrument :

MSVOA_D

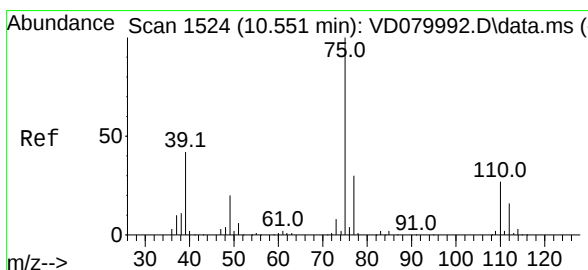
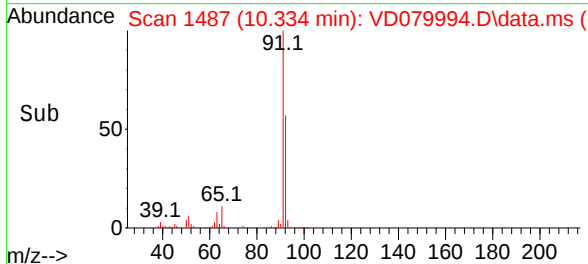
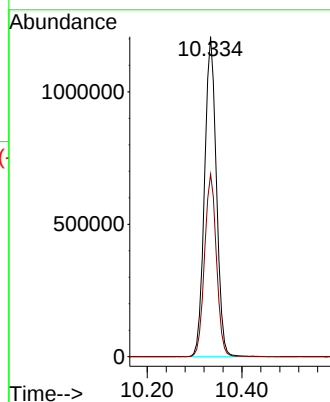
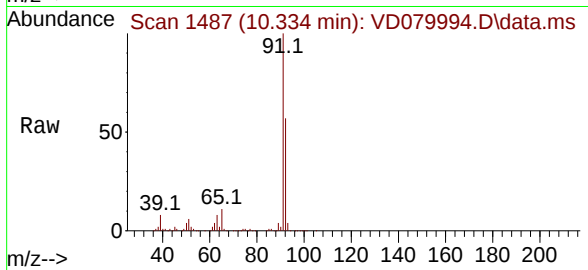
ClientSampleId :

Tgt Ion: 91 Resp: 2099088

Ion Ratio Lower Upper

91 100

92 57.0 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 107.591 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079994.D

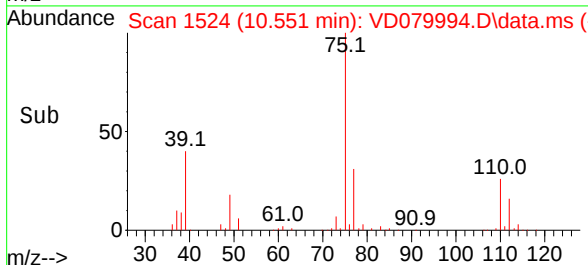
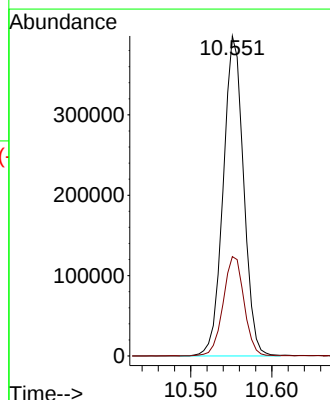
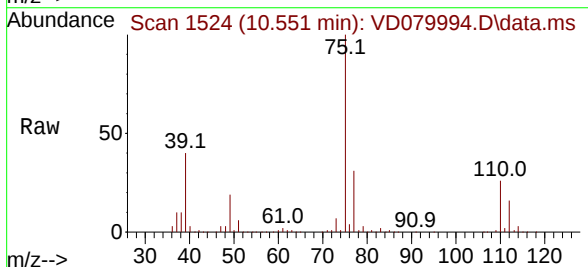
Acq: 12 Nov 2024 11:56

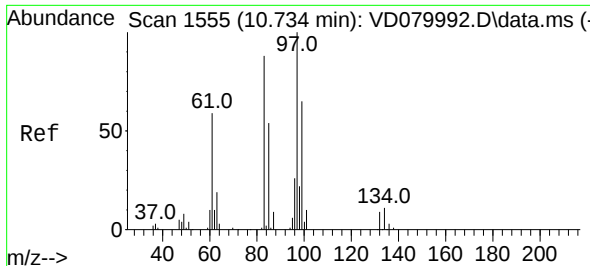
Tgt Ion: 75 Resp: 695897

Ion Ratio Lower Upper

75 100

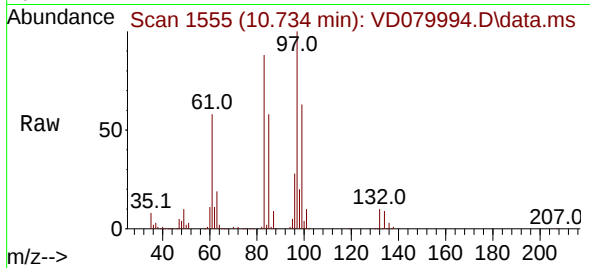
77 31.0 21.0 39.0





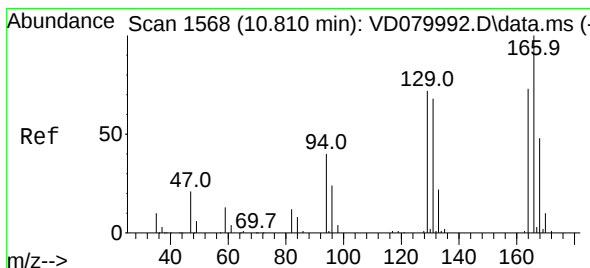
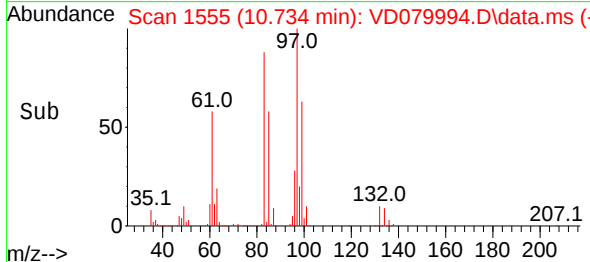
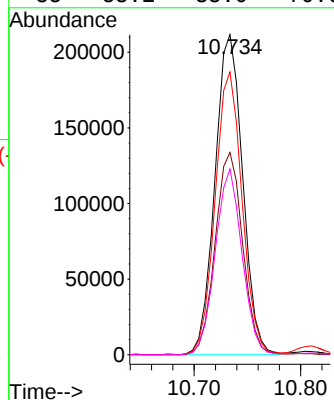
#45
1,1,2-Trichloroethane
Concen: 96.432 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 381899

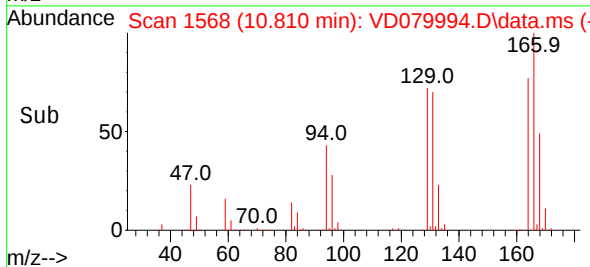
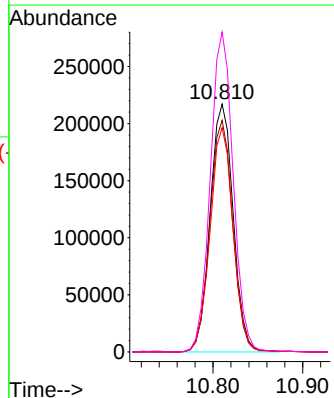
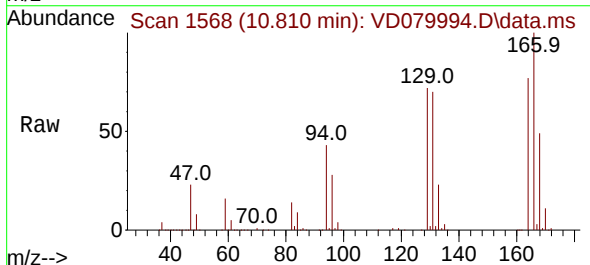
Ion	Ratio	Lower	Upper
97	100		
99	63.2	45.2	84.0
83	88.4	61.5	114.3
85	58.1	38.0	70.6

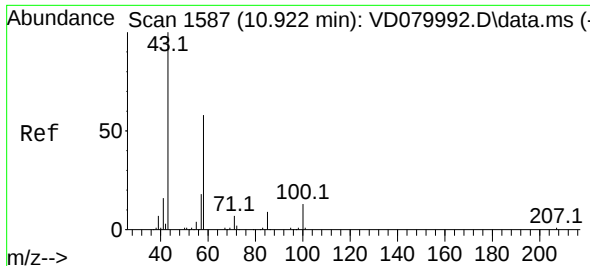


#46
Tetrachloroethene
Concen: 91.436 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

Tgt Ion: 164 Resp: 388116

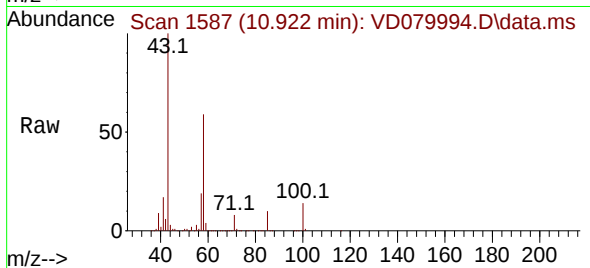
Ion	Ratio	Lower	Upper
164	100		
129	93.5	69.1	128.3
131	90.5	65.4	121.4
166	129.1	95.9	178.1



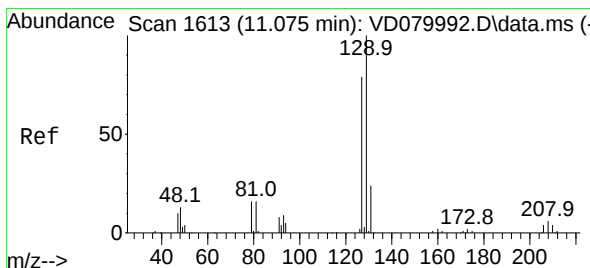
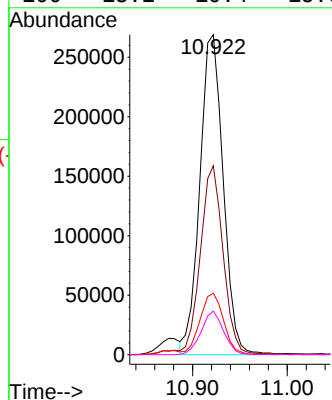
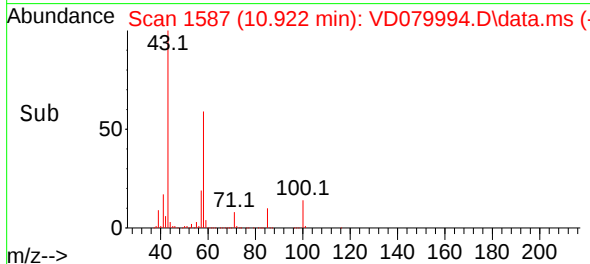


#48
2-Hexanone
Concen: 233.166 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

Instrument :
MSVOA_D
ClientSampleId :

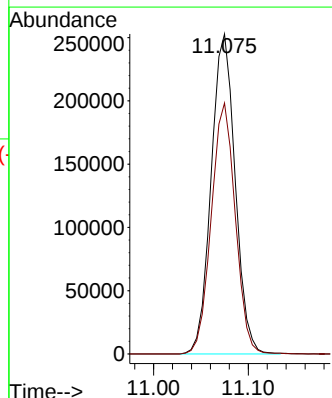
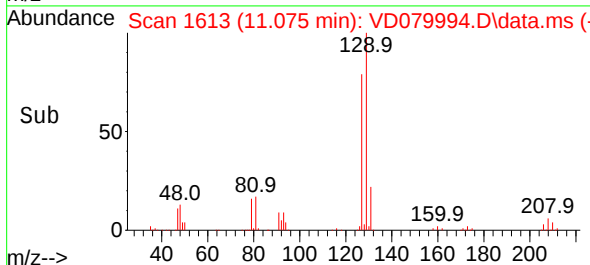
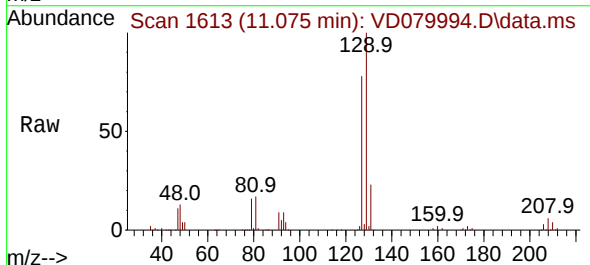


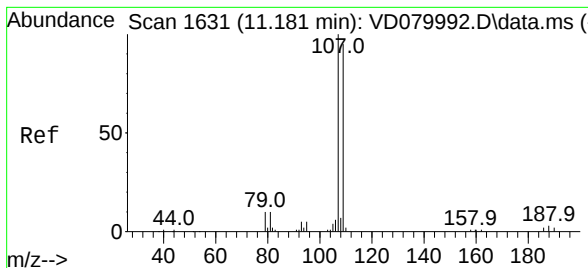
Tgt Ion: 43 Resp: 461490
Ion Ratio Lower Upper
43 100
58 57.1 45.9 68.9
57 19.4 15.2 22.8
100 13.1 10.4 15.6



#49
Dibromochloromethane
Concen: 95.408 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

Tgt Ion:129 Resp: 444992
Ion Ratio Lower Upper
129 100
127 78.4 54.9 102.1





#50

1,2-Dibromoethane

Concen: 101.102 ug/L

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079994.D

Acq: 12 Nov 2024 11:56

Instrument :

MSVOA_D

ClientSampleId :

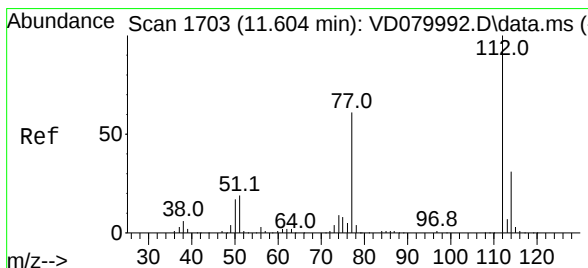
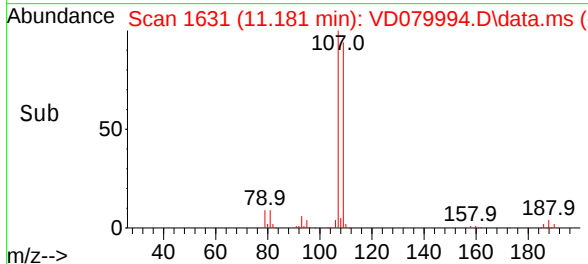
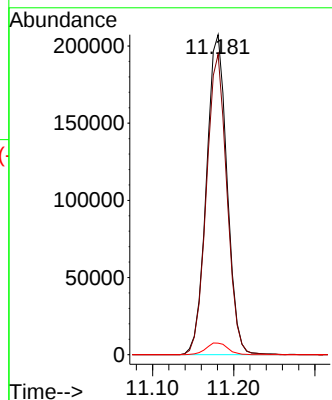
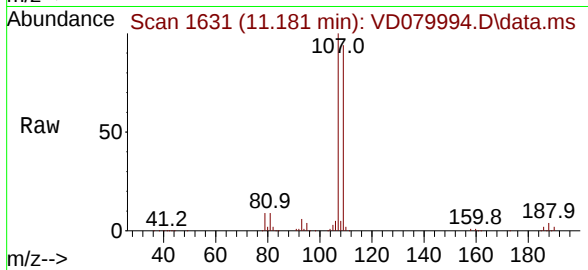
Tgt Ion:107 Resp: 365322

Ion Ratio Lower Upper

107 100

109 93.8 66.6 123.8

188 3.6 2.8 4.2



#51

Chlorobenzene

Concen: 99.457 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD079994.D

Acq: 12 Nov 2024 11:56

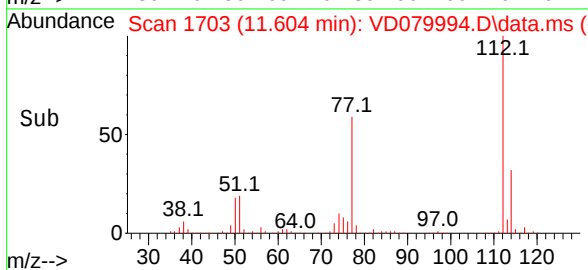
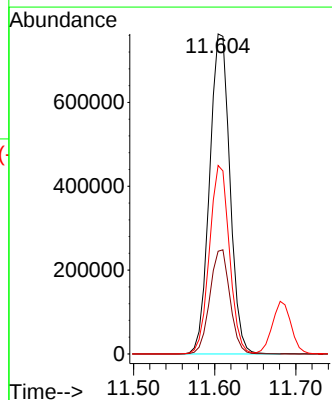
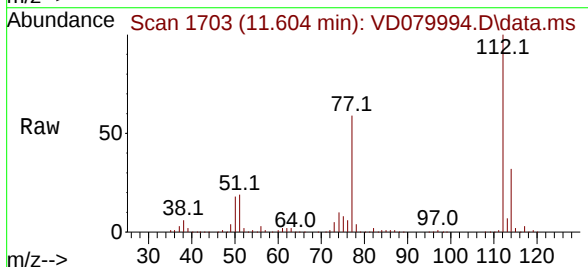
Tgt Ion:112 Resp: 1325460

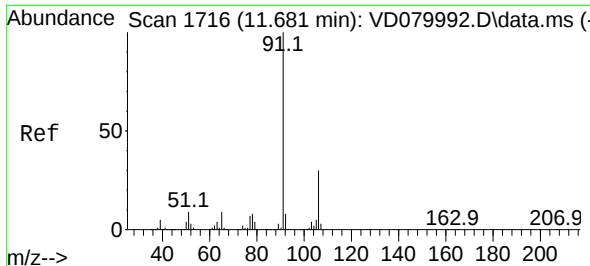
Ion Ratio Lower Upper

112 100

114 32.1 21.8 40.4

77 58.9 49.1 73.7

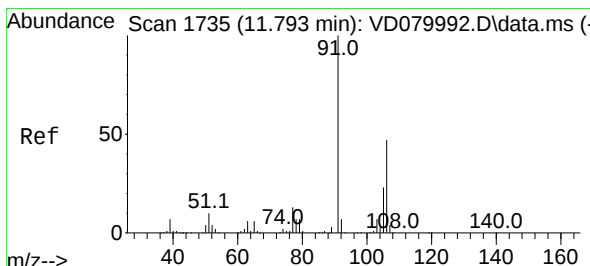
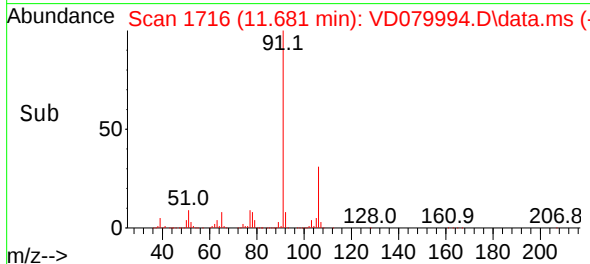
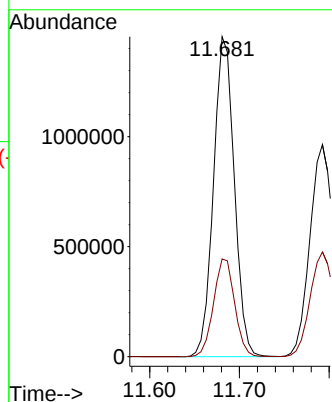
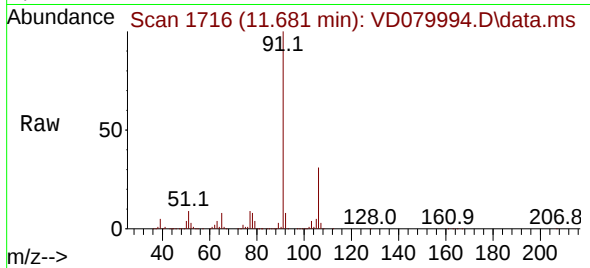




#52
Ethylbenzene
Concen: 106.726 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

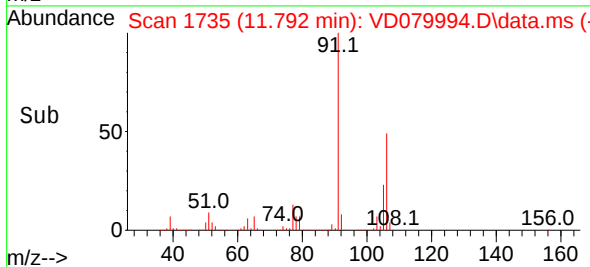
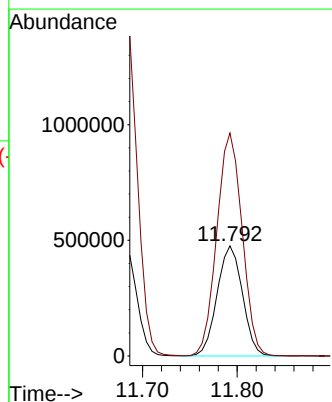
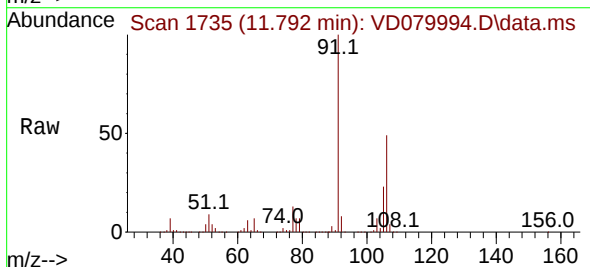
Instrument :
MSVOA_D
ClientSampleId :

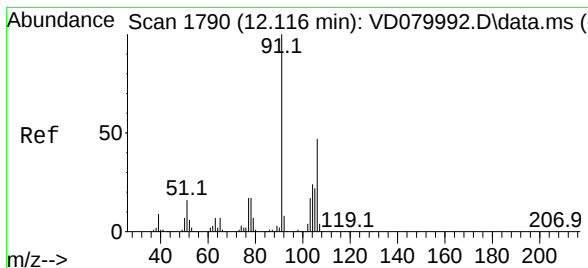
Tgt Ion: 91 Resp: 2341314
Ion Ratio Lower Upper
91 100
106 30.5 21.2 39.4



#53
m,p-Xylene
Concen: 107.415 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

Tgt Ion:106 Resp: 883567
Ion Ratio Lower Upper
106 100
91 202.5 149.3 277.3

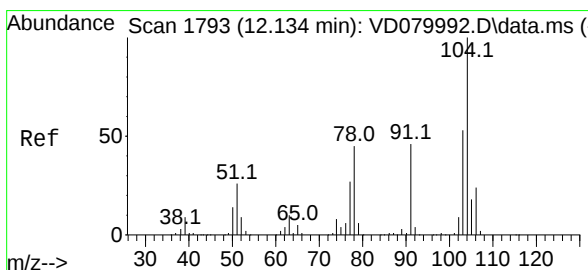
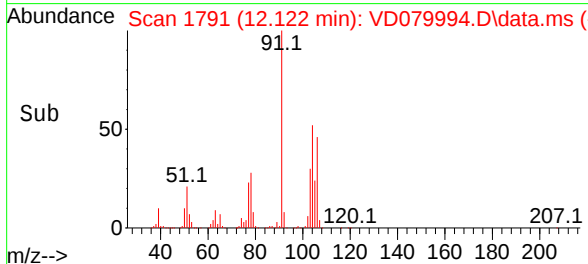
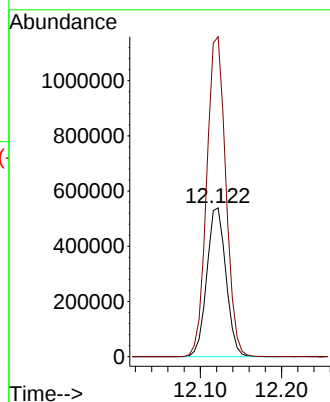
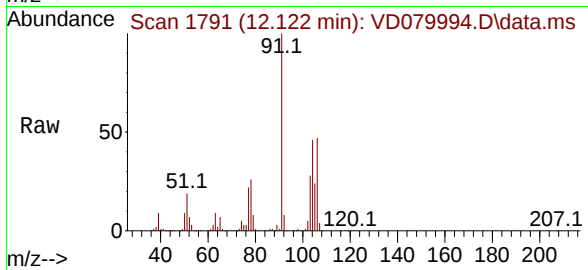




#54
o-Xylene
Concen: 112.345 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

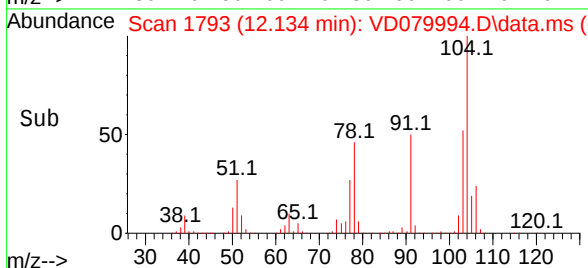
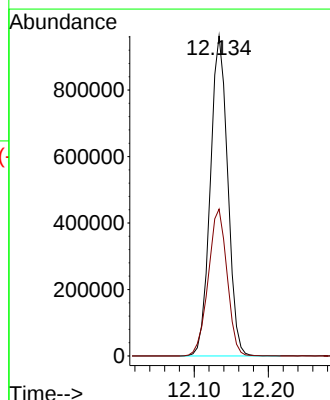
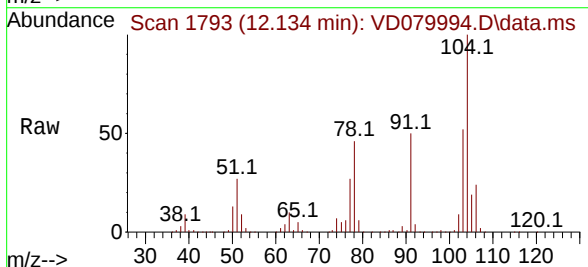
Instrument :
MSVOA_D
ClientSampleId :

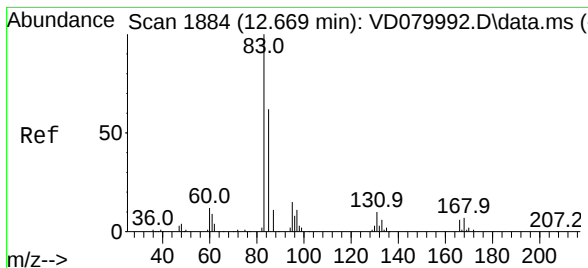
Tgt Ion:106 Resp: 880791
Ion Ratio Lower Upper
106 100
91 214.9 148.0 274.8



#55
Styrene
Concen: 111.175 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

Tgt Ion:104 Resp: 1568090
Ion Ratio Lower Upper
104 100
78 45.9 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 98.265 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD079994.D

Acq: 12 Nov 2024 11:56

Instrument :

MSVOA_D

ClientSampleId :

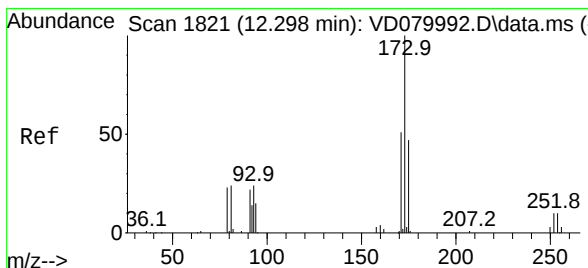
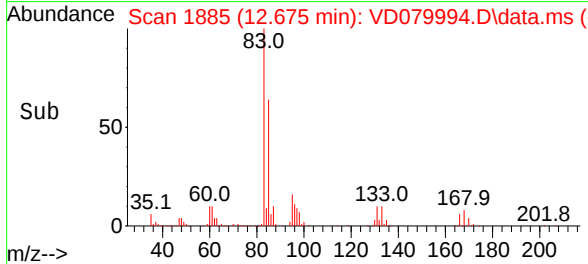
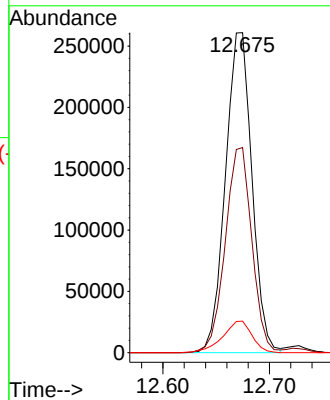
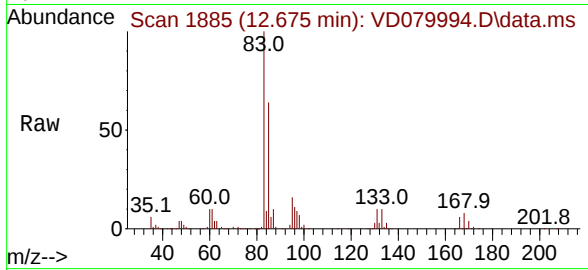
Tgt Ion: 83 Resp: 452009

Ion Ratio Lower Upper

83 100

85 64.1 44.4 82.4

131 9.8 8.6 13.0



#59

Bromoform

Concen: 95.603 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD079994.D

Acq: 12 Nov 2024 11:56

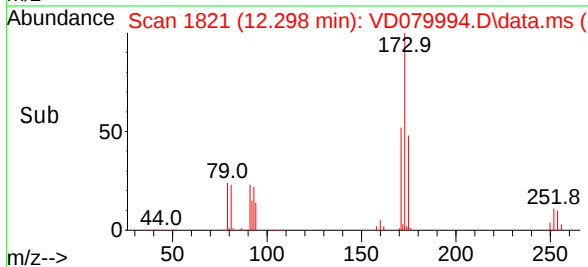
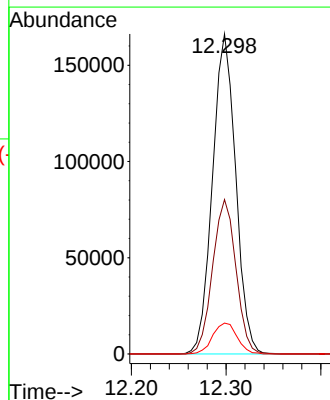
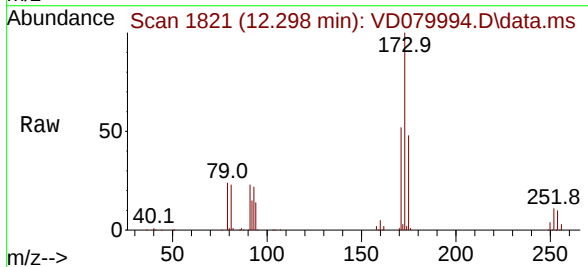
Tgt Ion:173 Resp: 283162

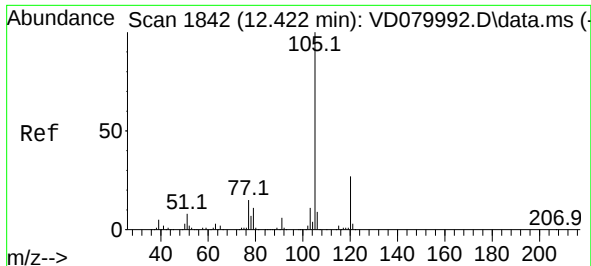
Ion Ratio Lower Upper

173 100

175 48.6 39.0 58.6

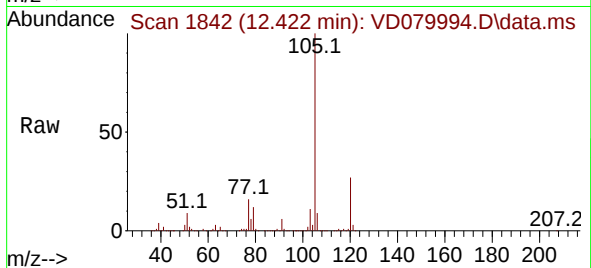
254 10.2 8.3 12.5



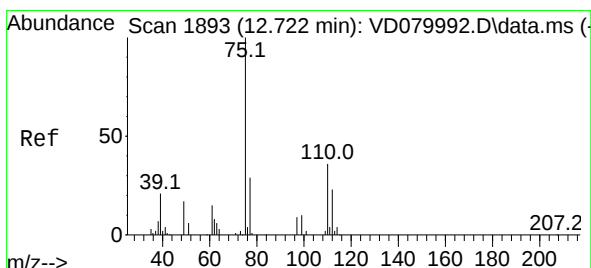
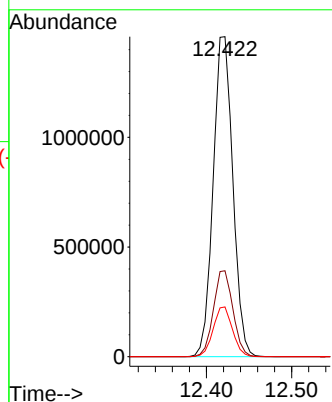
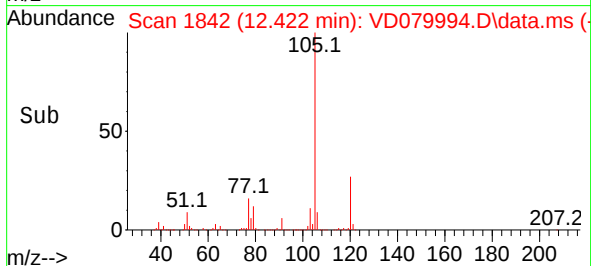


#60
Isopropylbenzene
Concen: 106.678 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

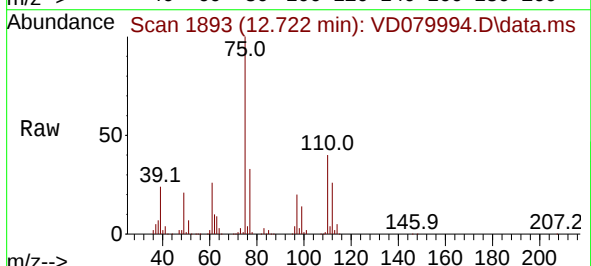
Instrument :
MSVOA_D
ClientSampleId :



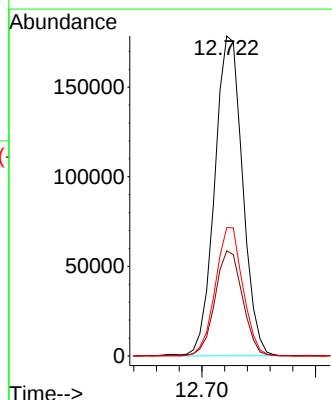
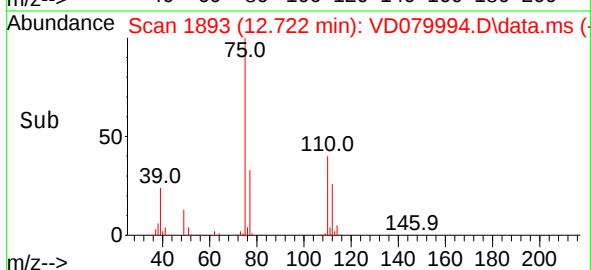
Tgt Ion:105 Resp: 2340153
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.3 12.6 18.8

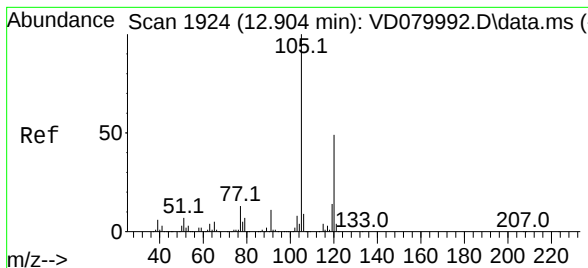


#61
1,2,3-Trichloropropane
Concen: 97.139 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56



Tgt Ion: 75 Resp: 303838
Ion Ratio Lower Upper
75 100
77 32.5 26.3 39.5
110 39.7 30.2 45.2

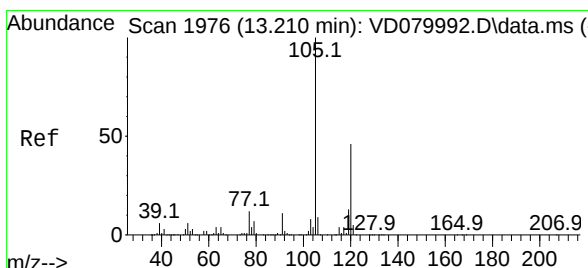
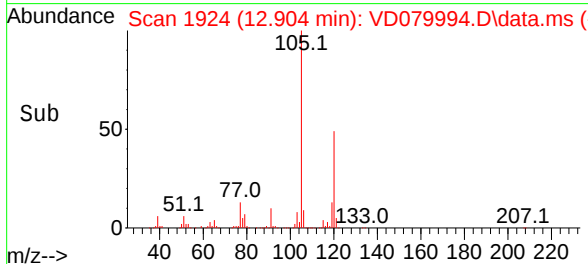
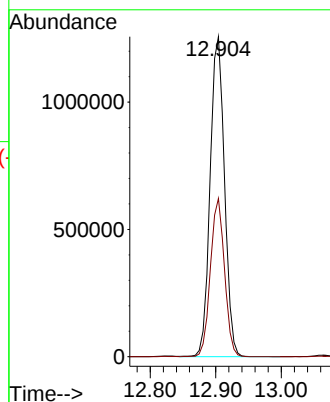
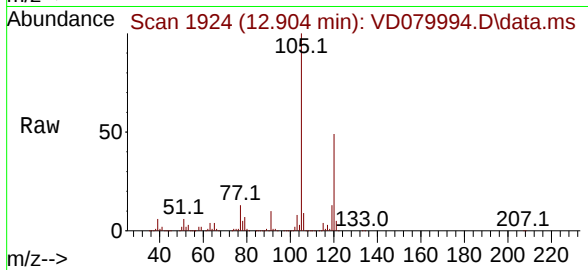




#62
1,3,5-Trimethylbenzene
Concen: 111.118 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

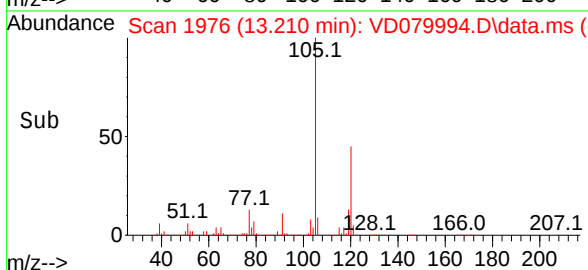
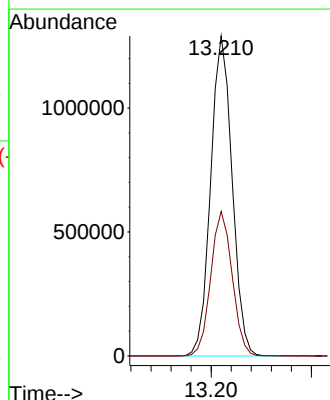
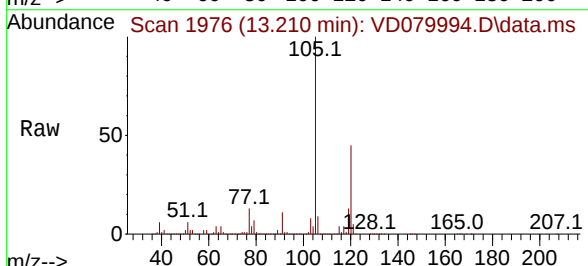
Instrument :
MSVOA_D
ClientSampleId :

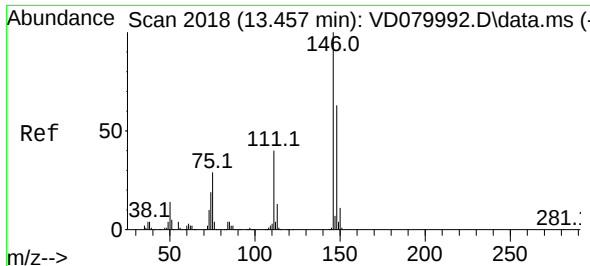
Tgt Ion:105 Resp: 1914381
Ion Ratio Lower Upper
105 100
120 48.4 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 111.835 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

Tgt Ion:105 Resp: 1918434
Ion Ratio Lower Upper
105 100
120 45.2 36.8 55.2

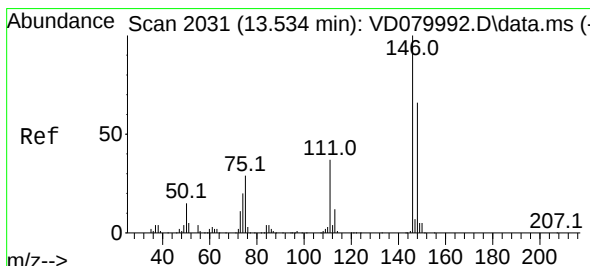
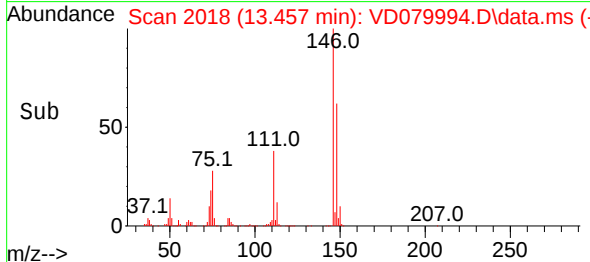
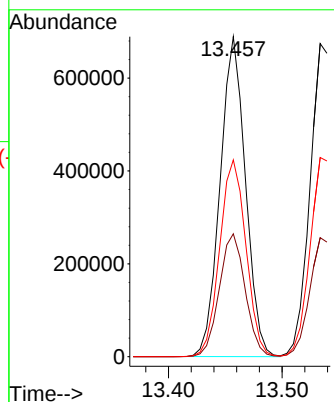
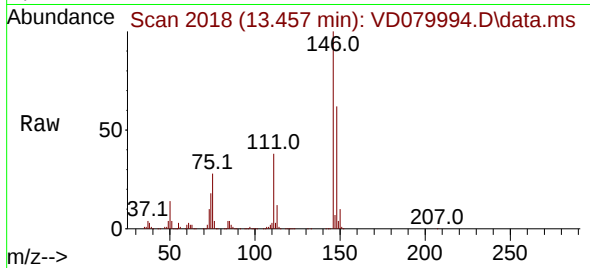




#64
1,3-Dichlorobenzene
Concen: 99.344 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

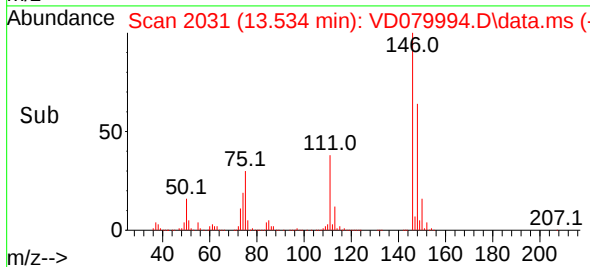
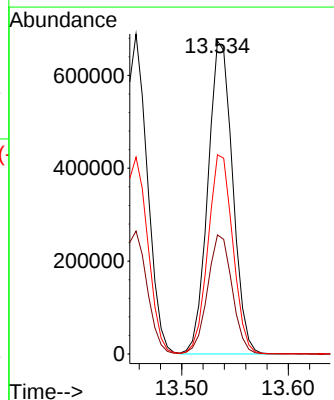
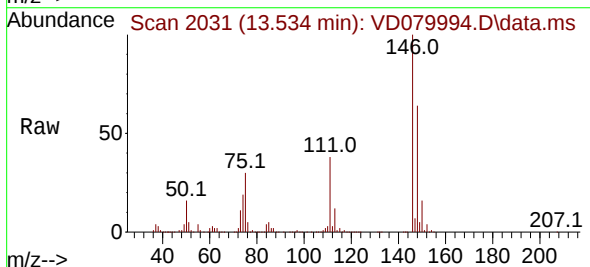
Instrument :
MSVOA_D
ClientSampleId :

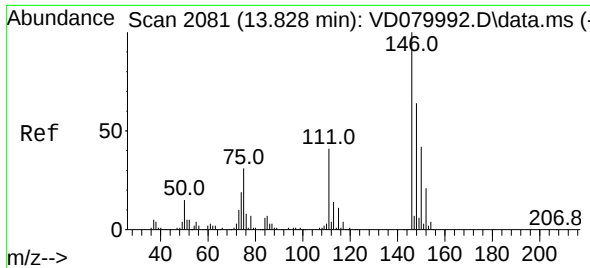
Tgt Ion:146 Resp: 1069715
Ion Ratio Lower Upper
146 100
111 38.4 28.2 52.4
148 61.5 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 96.560 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

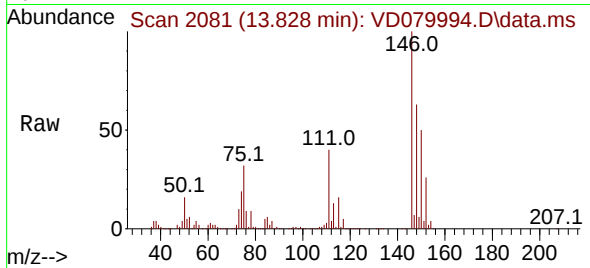
Tgt Ion:146 Resp: 1089182
Ion Ratio Lower Upper
146 100
111 38.0 26.2 48.8
148 63.6 46.1 85.5



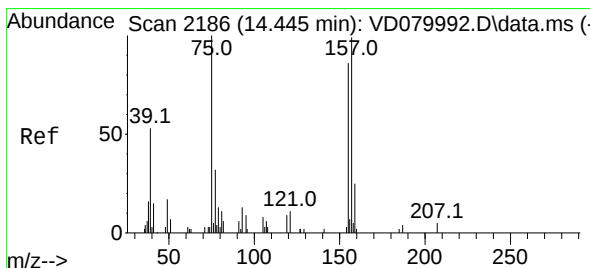
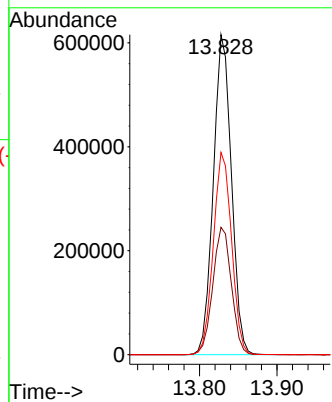
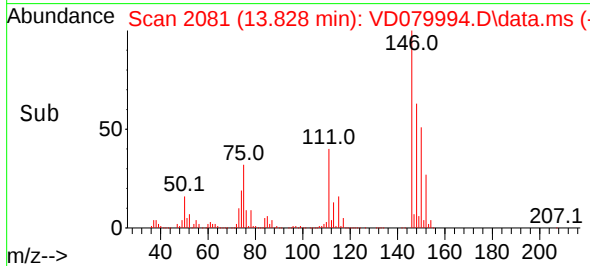


#67
1,2-Dichlorobenzene
Concen: 100.460 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

Instrument :
MSVOA_D
ClientSampleId :

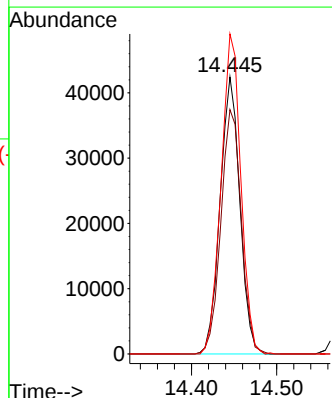
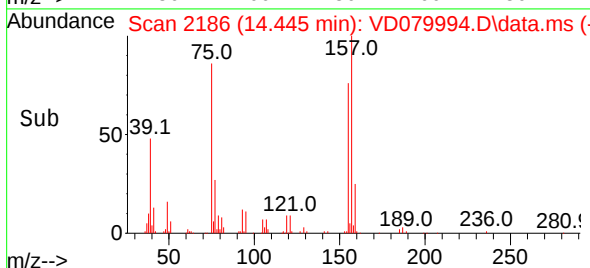
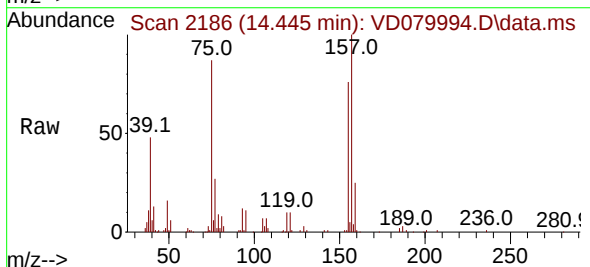


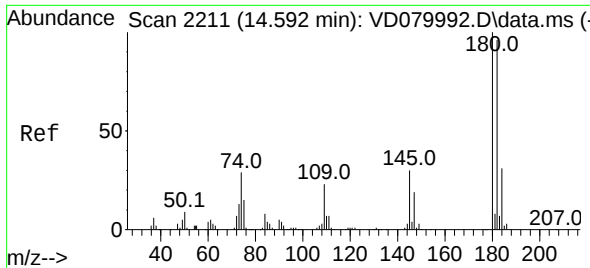
Tgt Ion:146 Resp: 999463
Ion Ratio Lower Upper
146 100
111 39.8 33.0 49.6
148 63.2 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 100.109 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

Tgt Ion: 75 Resp: 68235
Ion Ratio Lower Upper
75 100
155 88.2 68.7 103.1
157 115.5 79.4 119.2





#69

1,3,5-Trichlorobenzene

Concen: 103.536 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

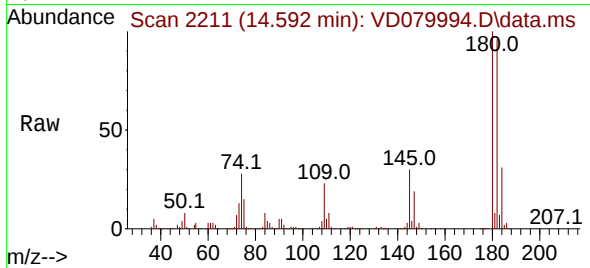
Lab File: VD079994.D

Acq: 12 Nov 2024 11:56

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 753056

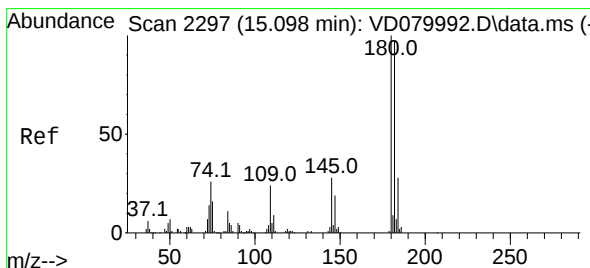
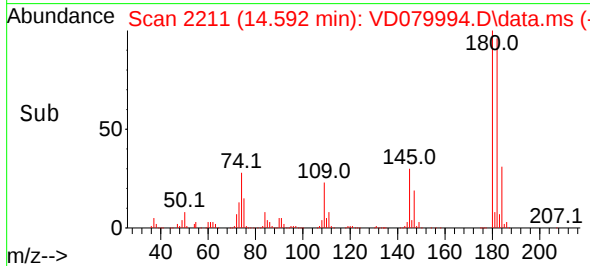
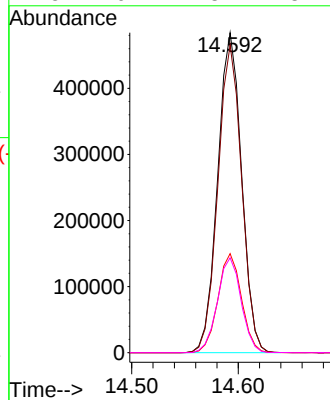
Ion Ratio Lower Upper

180 100

182 95.7 75.8 113.6

184 30.5 24.6 36.8

145 29.4 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 106.567 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD079994.D

Acq: 12 Nov 2024 11:56

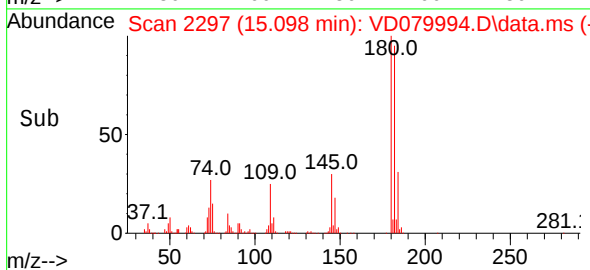
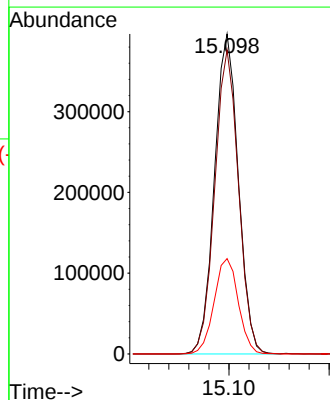
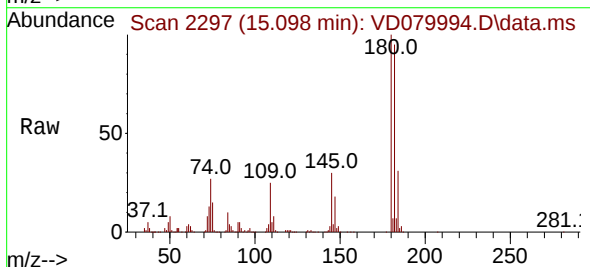
Tgt Ion:180 Resp: 653111

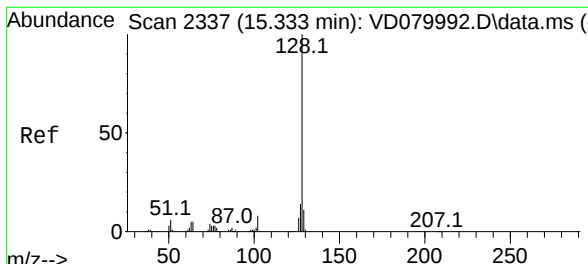
Ion Ratio Lower Upper

180 100

182 94.5 75.9 113.9

145 30.2 23.0 34.4



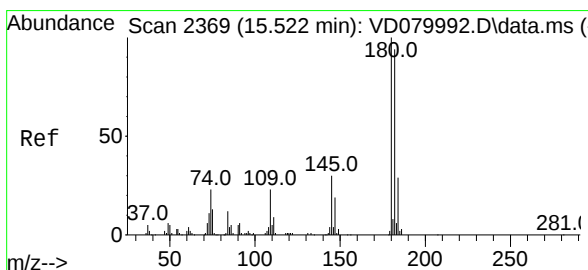
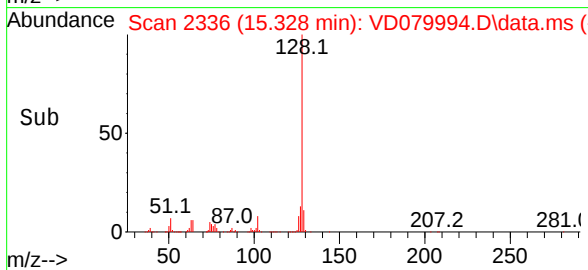
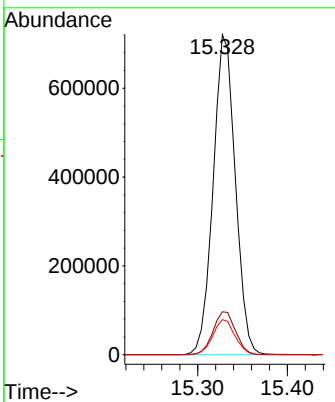
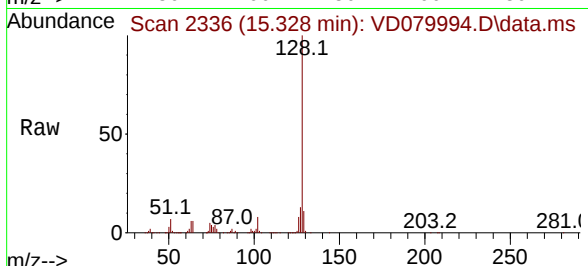


#71
Naphthalene
Concen: 117.907 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 1234539

Ion	Ratio	Lower	Upper
128	100		
127	13.6	11.0	16.6
129	11.0	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 108.687 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD079994.D
Acq: 12 Nov 2024 11:56

Tgt Ion:180 Resp: 588062

Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.8
145	31.1	24.9	37.3

