

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111224\
 Data File : VD079990.D
 Acq On : 12 Nov 2024 10:08
 Operator : RP/MD
 Sample : VSTD2.5
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 13 01:43:56 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	8.775	114	217154	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	216592	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	100477	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	9887	3.055	ug/L	0.00
7) Chloroethane-d5	2.811	69	7810	2.909	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	2707	2.040	ug/L	0.00
21) 2-Butanone-d5	6.981	46	1308	1.903	ug/L	0.00
24) Chloroform-d	7.569	84	15406	2.498	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	9392	2.808	ug/L	0.00
32) Benzene-d6	8.199	84	32692	2.625	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	10538	2.623	ug/L	0.00
41) Toluene-d8	10.269	98	28329	2.499	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	3803	2.352	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	2680	4.530	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	8252	2.564	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	8756	2.515	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	9364	2.836	ug/L	98
3) Chloromethane	2.152	50	7447	2.757	ug/L	95
5) Vinyl chloride	2.287	62	8445	2.490	ug/L	86
6) Bromomethane	2.705	94	5661	2.363	ug/L	94
8) Chloroethane	2.840	64	5392	2.497	ug/L	96
9) Trichlorofluoromethane	3.175	101	15964	2.815	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	4718	1.369	ug/L #	59
12) 1,1-Dichloroethene	3.940	96	7358	2.529	ug/L	85
13) Acetone	4.028	43	3364	4.136	ug/L	85
14) Carbon disulfide	4.275	76	25174	2.590	ug/L	98
15) Methyl Acetate	4.563	43	1491	1.179	ug/L #	87
16) Methylene chloride	4.793	84	2415	0.670	ug/L	84
17) trans-1,2-Dichloroethene	5.316	96	7972	2.484	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	8696	1.392	ug/L #	68
19) 1,1-Dichloroethane	6.110	63	14826	2.477	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	8586	2.457	ug/L	90
22) 2-Butanone	7.075	43	2018	2.118	ug/L	93
23) Bromochloromethane	7.434	128	4743	2.733	ug/L	88
25) Chloroform	7.593	83	20305	2.935	ug/L	89
27) 1,2-Dichloroethane	8.328	62	10785	2.669	ug/L	100
29) Cyclohexane	7.875	56	9860	2.106	ug/L #	85
30) 1,1,1-Trichloroethane	7.799	97	14893	2.687	ug/L	97
31) Carbon tetrachloride	7.987	117	13023	2.676	ug/L	96
33) Benzene	8.251	78	30403	2.246	ug/L	100
34) Trichloroethene	9.022	95	9251	2.549	ug/L	97
35) Methylcyclohexane	9.275	83	11994	2.261	ug/L	96
37) 1,2-Dichloropropane	9.298	63	9510	2.515	ug/L #	88
38) Bromodichloromethane	9.581	83	12256	2.544	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	12044	2.205	ug/L	95
40) 4-Methyl-2-pentanone	10.163	43	7785	4.361	ug/L	98
42) Toluene	10.328	91	32424	2.193	ug/L	94
44) trans-1,3-Dichloropropene	10.551	75	10651	2.264	ug/L	100

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

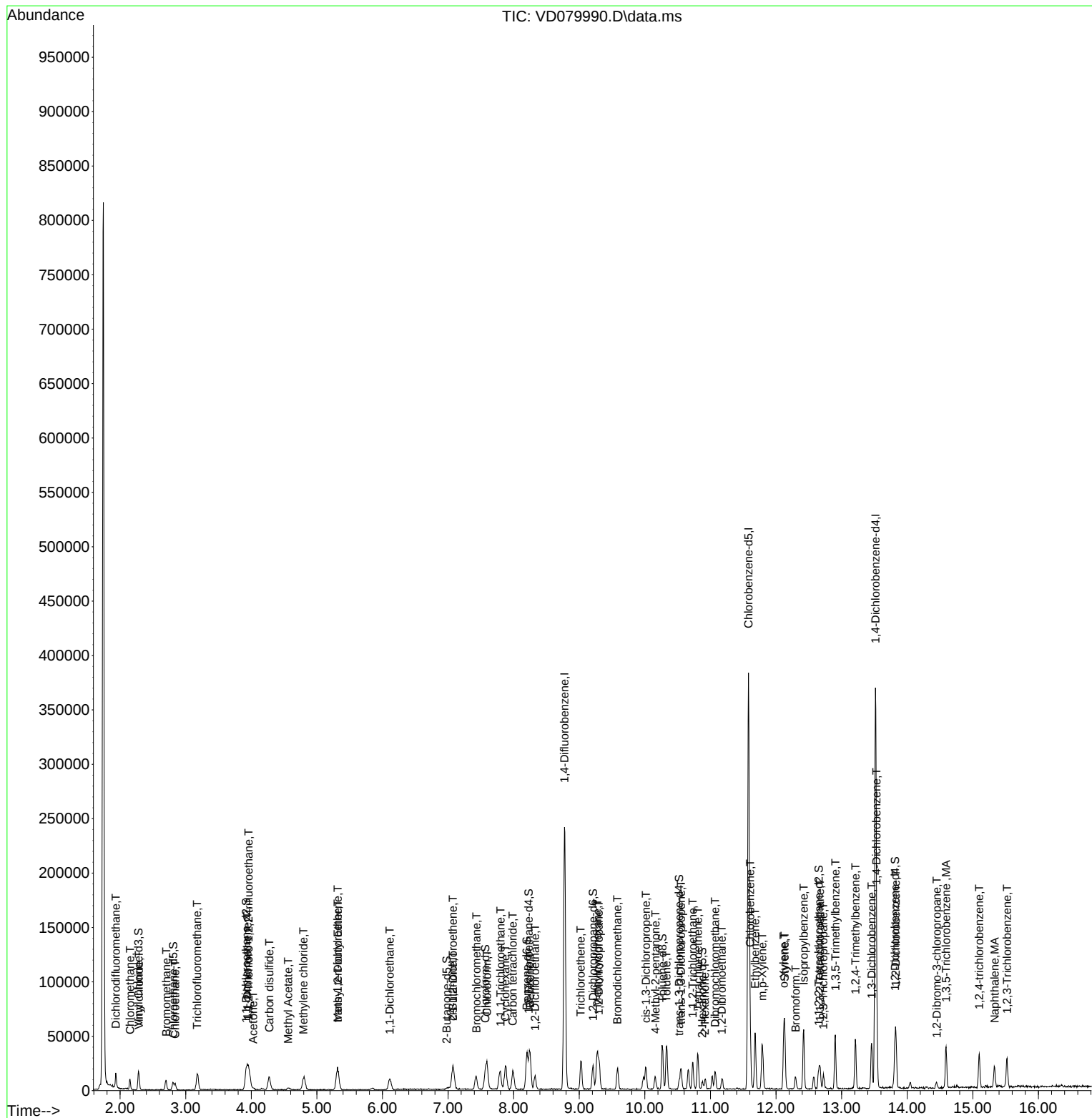
45) 1,1,2-Trichloroethane	10.728	97	7493	2.601	ug/L	92
46) Tetrachloroethene	10.810	164	8583	2.780	ug/L	74
48) 2-Hexanone	10.916	43	5963	4.142	ug/L #	93
49) Dibromochloromethane	11.069	129	8533	2.515	ug/L	98
50) 1,2-Dibromoethane	11.175	107	6858	2.609	ug/L	79
51) Chlorobenzene	11.604	112	24359	2.513	ug/L	96
52) Ethylbenzene	11.681	91	34784	2.180	ug/L	98
53) m,p-Xylene	11.792	106	12008	2.007	ug/L	97
54) o-Xylene	12.116	106	11780	2.066	ug/L	96
55) Styrene	12.134	104	20817	2.029	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.669	83	9146	2.734	ug/L	98
59) Bromoform	12.298	173	5486	2.958	ug/L #	94
60) Isopropylbenzene	12.422	105	33521	2.441	ug/L	96
61) 1,2,3-Trichloropropane	12.722	75	5396	2.755	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	24745	2.294	ug/L	95
63) 1,2,4-Trimethylbenzene	13.210	105	24617	2.292	ug/L	94
64) 1,3-Dichlorobenzene	13.457	146	16584	2.460	ug/L	94
65) 1,4-Dichlorobenzene	13.534	146	18440	2.611	ug/L	93
67) 1,2-Dichlorobenzene	13.828	146	15880	2.549	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	1197	2.805	ug/L	91
69) 1,3,5-Trichlorobenzene	14.592	180	11527	2.531	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	10244	2.670	ug/L	96
71) Naphthalene	15.333	128	15516	2.367	ug/L	97
72) 1,2,3-Trichlorobenzene	15.522	180	8227	2.429	ug/L	93

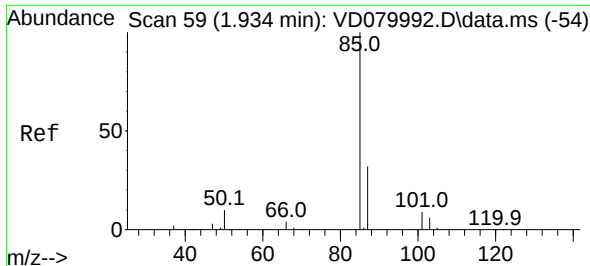
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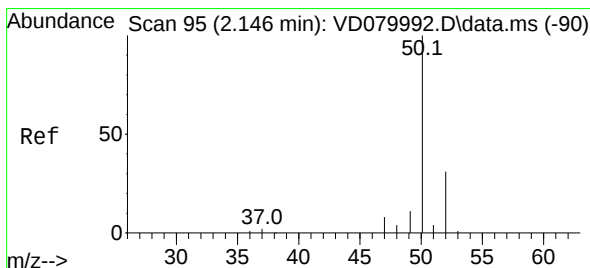
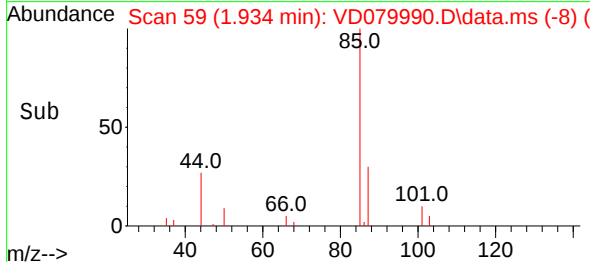
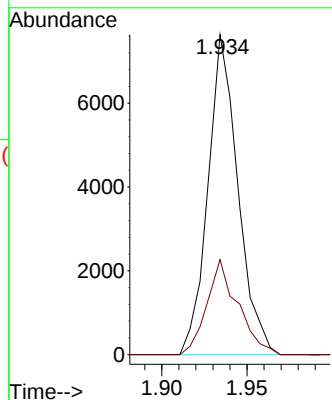
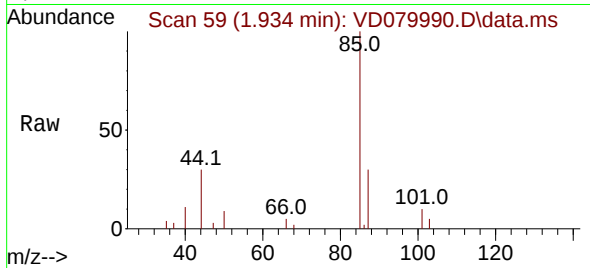




#2
 Dichlorodifluoromethane
 Concen: 2.836 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD079990.D
 Acq: 12 Nov 2024 10:08

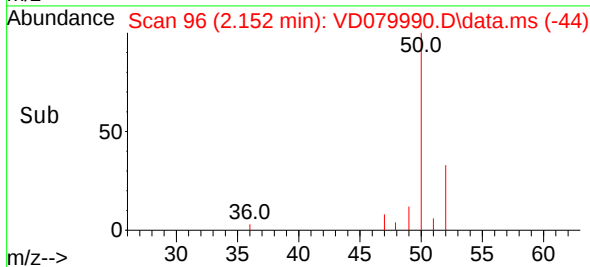
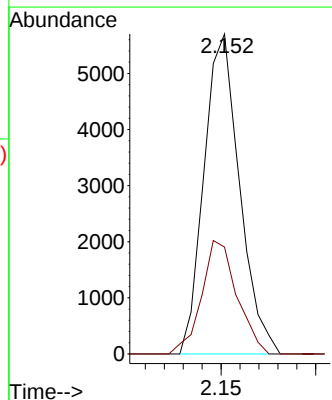
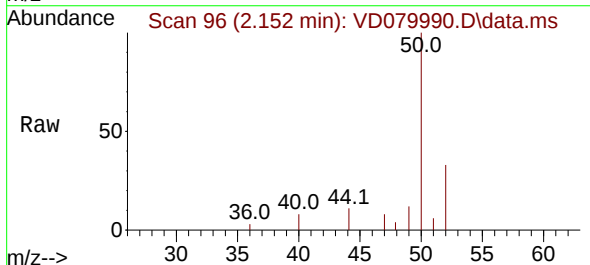
Instrument :
 MSVOA_D
 ClientSampleId :

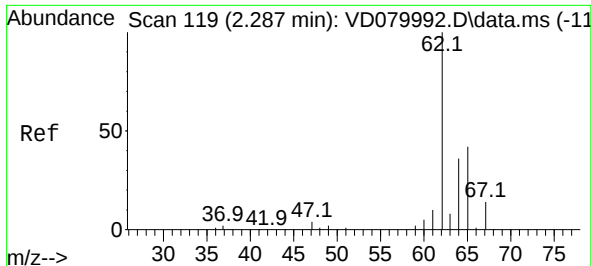
Tgt Ion: 85 Resp: 9364
 Ion Ratio Lower Upper
 85 100
 87 30.8 25.4 38.2



#3
 Chloromethane
 Concen: 2.757 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.006 min
 Lab File: VD079990.D
 Acq: 12 Nov 2024 10:08

Tgt Ion: 50 Resp: 7447
 Ion Ratio Lower Upper
 50 100
 52 33.4 21.6 40.0

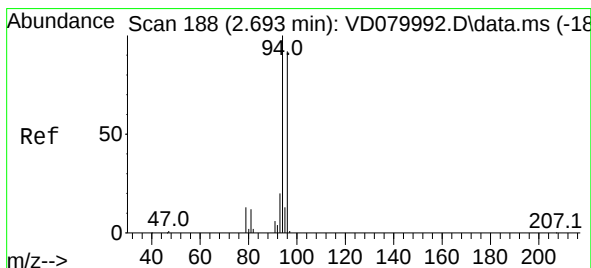
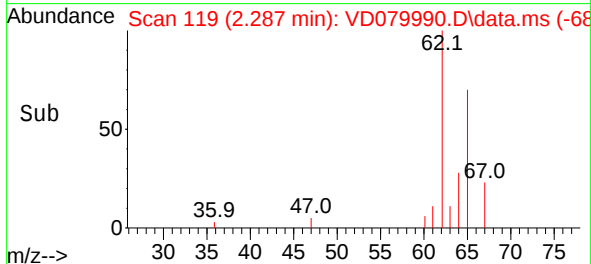
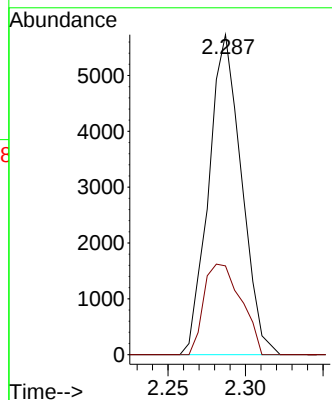
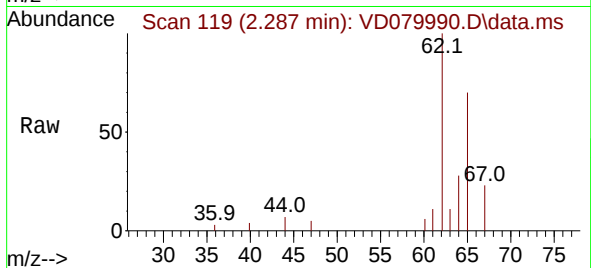




#5
 Vinyl chloride
 Concen: 2.490 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD079990.D
 Acq: 12 Nov 2024 10:08

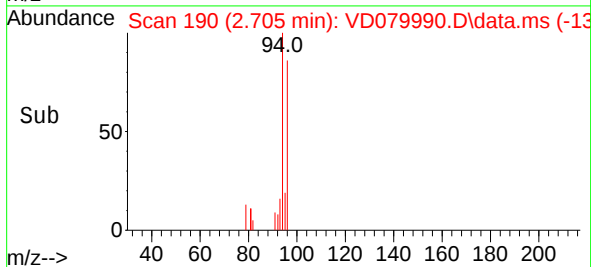
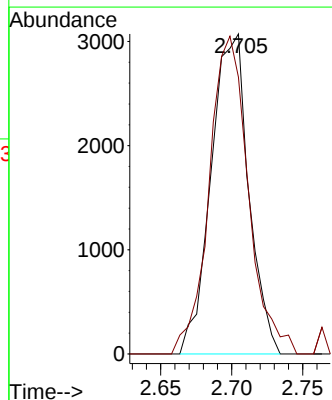
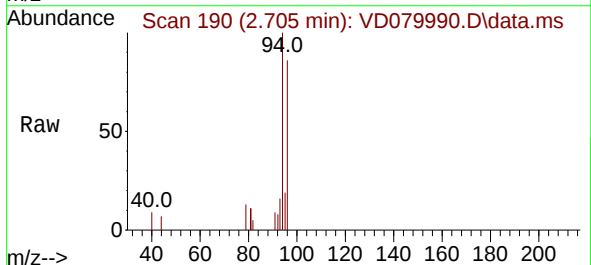
Instrument :
 MSVOA_D
 ClientSampleId :

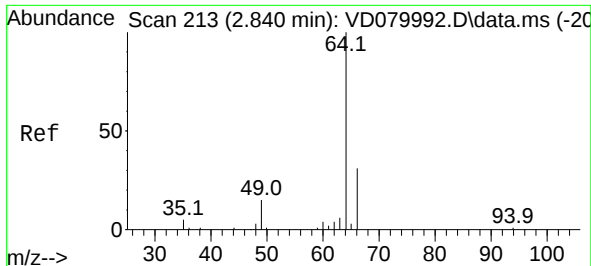
Tgt Ion: 62 Resp: 8445
 Ion Ratio Lower Upper
 62 100
 64 27.8 25.1 46.7



#6
 Bromomethane
 Concen: 2.363 ug/L
 RT: 2.705 min Scan# 190
 Delta R.T. 0.012 min
 Lab File: VD079990.D
 Acq: 12 Nov 2024 10:08

Tgt Ion: 94 Resp: 5661
 Ion Ratio Lower Upper
 94 100
 96 86.5 64.5 119.7

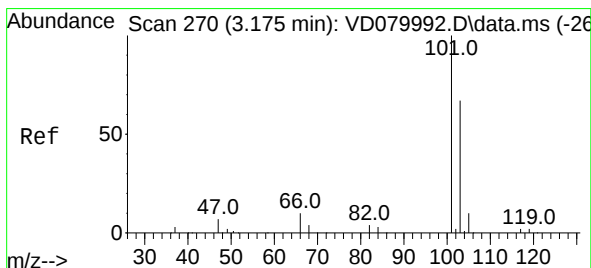
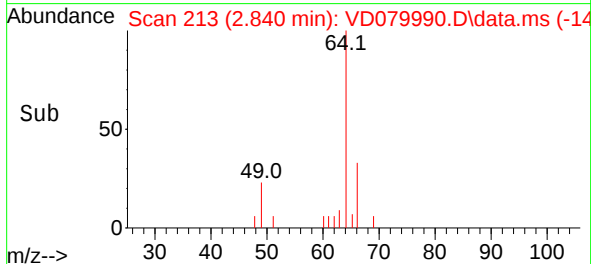
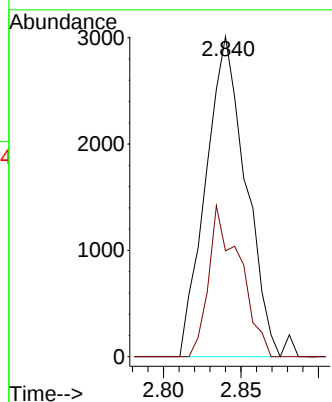
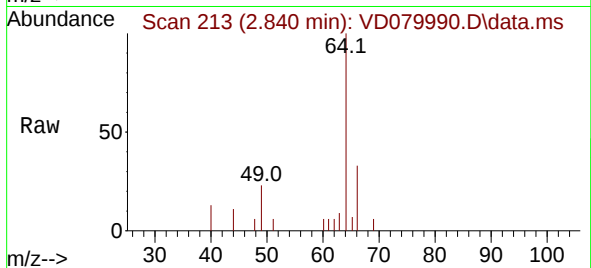




#8
Chloroethane
Concen: 2.497 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD079990.D
Acq: 12 Nov 2024 10:08

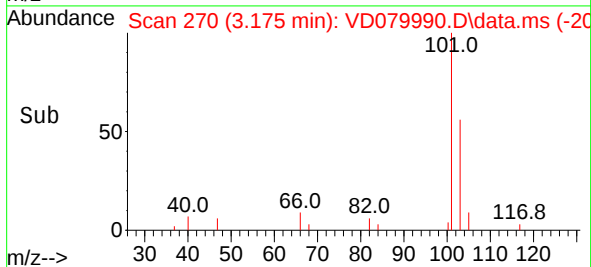
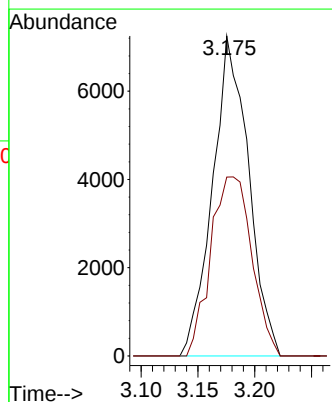
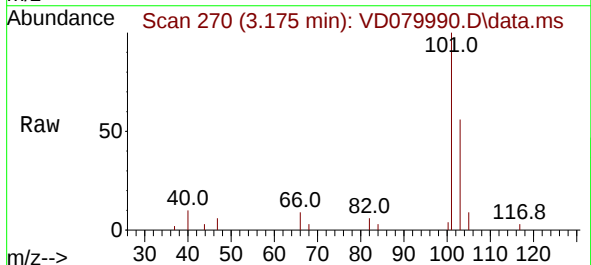
Instrument :
MSVOA_D
ClientSampleId :

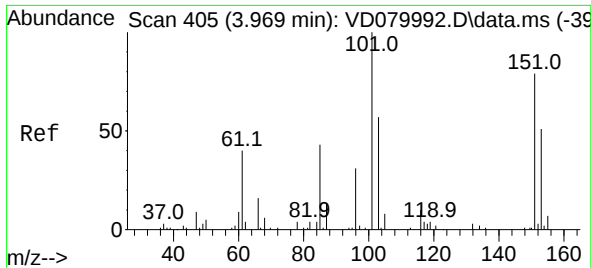
Tgt Ion: 64 Resp: 5392
Ion Ratio Lower Upper
64 100
66 33.1 21.7 40.3



#9
Trichlorofluoromethane
Concen: 2.815 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD079990.D
Acq: 12 Nov 2024 10:08

Tgt Ion:101 Resp: 15964
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.369 ug/L

RT: 3.958 min Scan# 405

Delta R.T. -0.012 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

Instrument :

MSVOA_D

ClientSampleId :

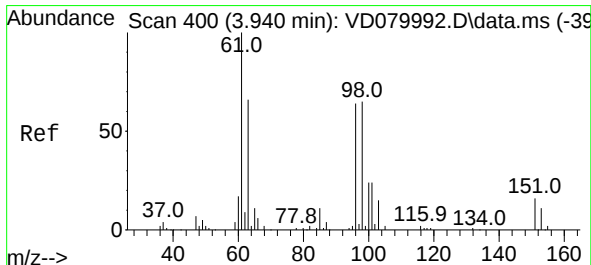
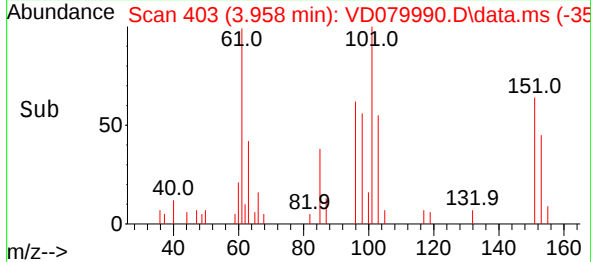
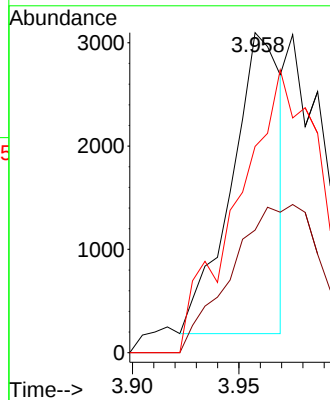
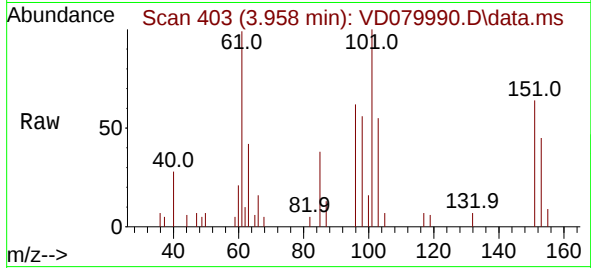
Tgt Ion:101 Resp: 4718

Ion Ratio Lower Upper

101 100

85 94.7 34.9 52.3#

151 59.7 60.7 91.1#



#12

1,1-Dichloroethene

Concen: 2.529 ug/L

RT: 3.940 min Scan# 400

Delta R.T. -0.000 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

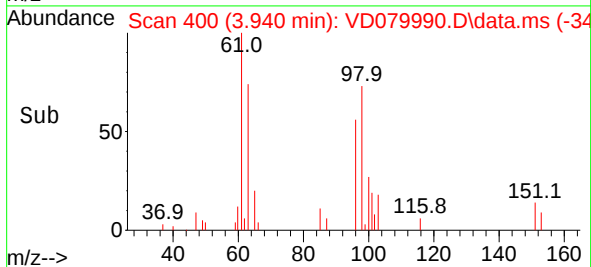
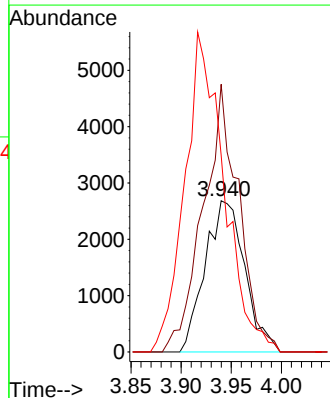
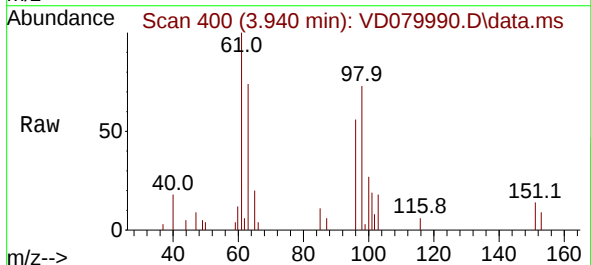
Tgt Ion: 96 Resp: 7358

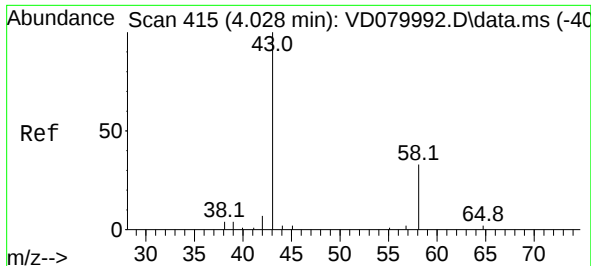
Ion Ratio Lower Upper

96 100

61 177.0 111.2 206.6

63 130.2 78.9 146.5





#13

Acetone

Concen: 4.136 ug/L

RT: 4.028 min Scan# 415

Delta R.T. -0.000 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

Instrument :

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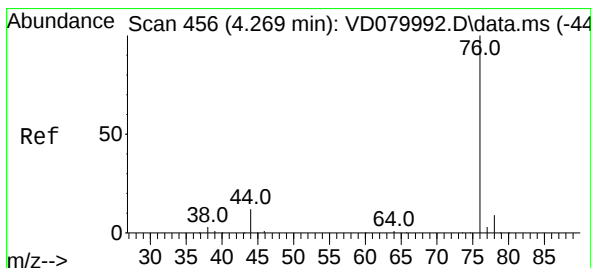
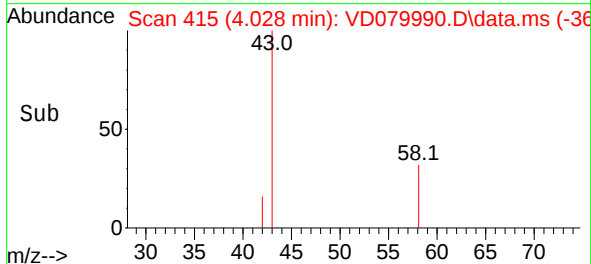
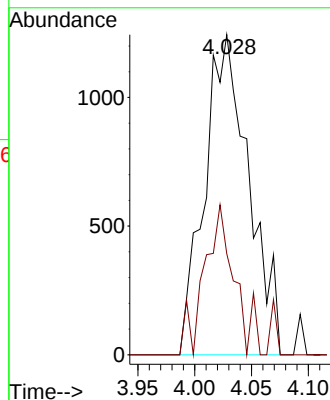
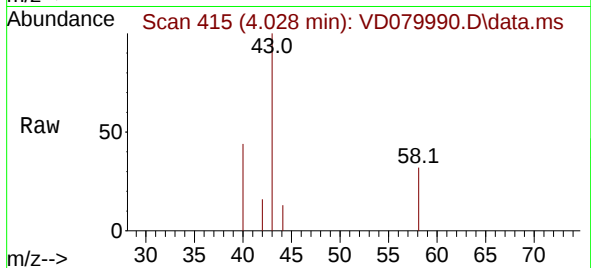
ClientSampleId :

Tgt Ion: 43 Resp: 3364

Ion Ratio Lower Upper

43 100

58 27.4 0.0 71.8



#14

Carbon disulfide

Concen: 2.590 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.006 min

Lab File: VD079990.D

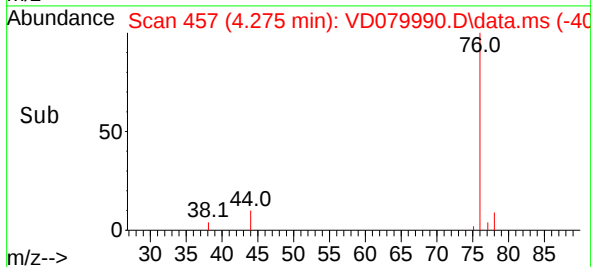
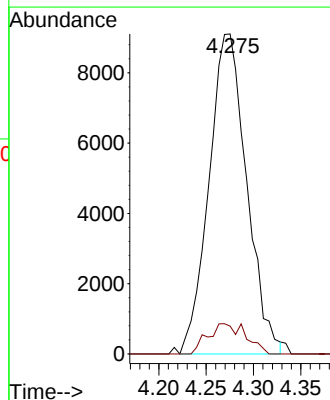
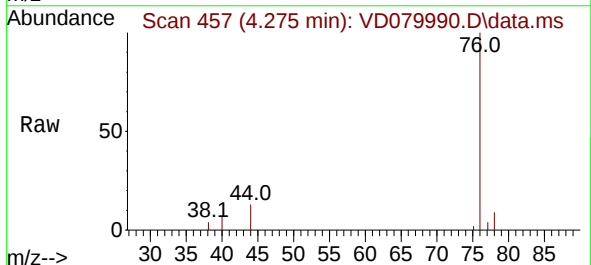
Acq: 12 Nov 2024 10:08

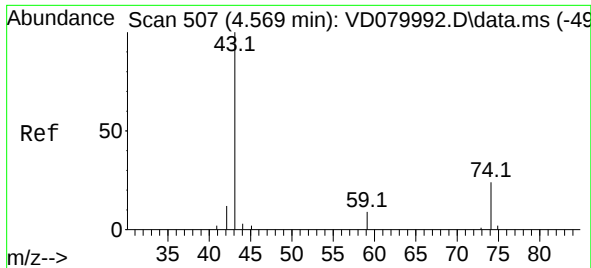
Tgt Ion: 76 Resp: 25174

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2





#15

Methyl Acetate

Concen: 1.179 ug/L

RT: 4.563 min Scan# 507

Delta R.T. -0.006 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

Instrument :

MSVOA_D

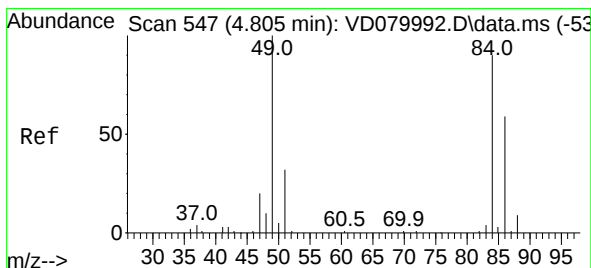
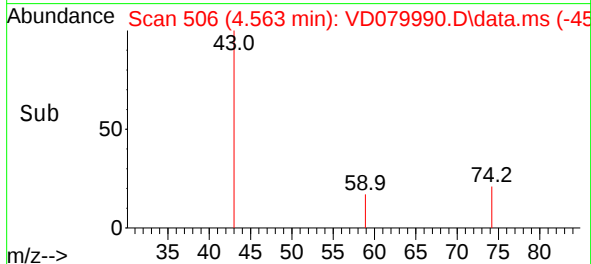
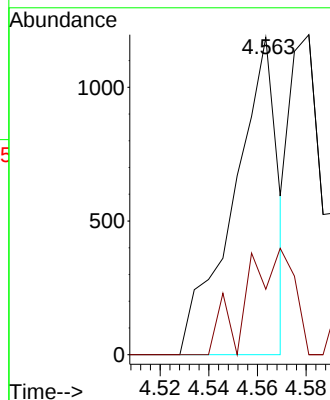
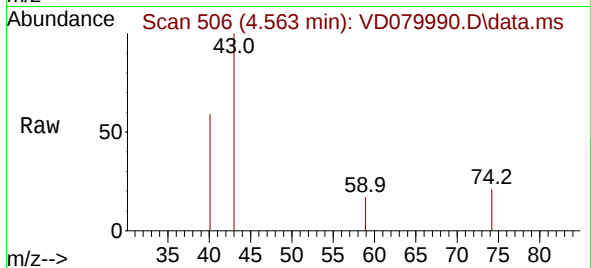
ClientSampleId :

Tgt Ion: 43 Resp: 1491

Ion Ratio Lower Upper

43 100

74 16.4 0.2 0.2#



#16

Methylene chloride

Concen: 0.670 ug/L

RT: 4.793 min Scan# 545

Delta R.T. -0.012 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

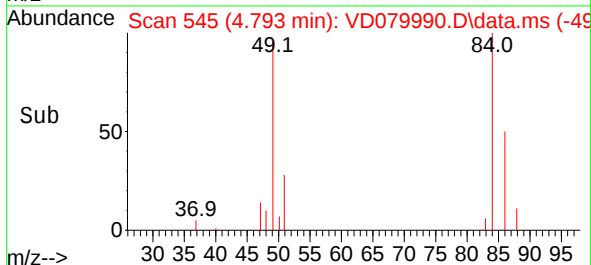
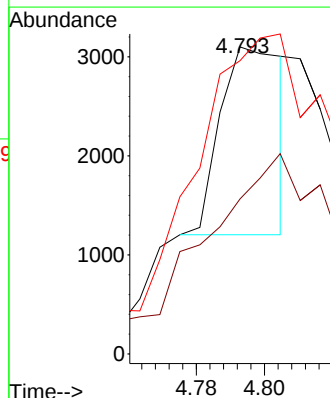
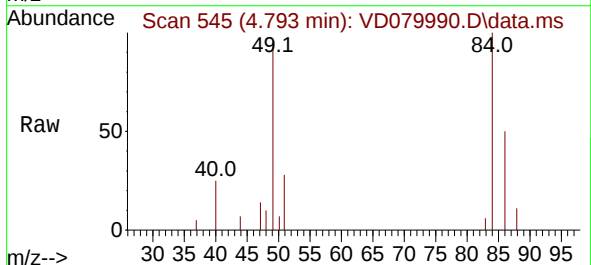
Tgt Ion: 84 Resp: 2415

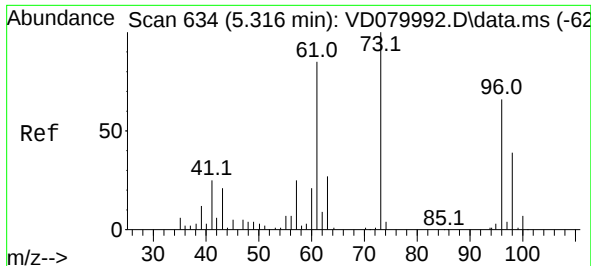
Ion Ratio Lower Upper

84 100

86 50.5 45.4 84.4

49 95.5 77.3 143.7





#17

trans-1,2-Dichloroethene

Concen: 2.484 ug/L

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

Instrument :

MSVOA_D

ClientSampleId :

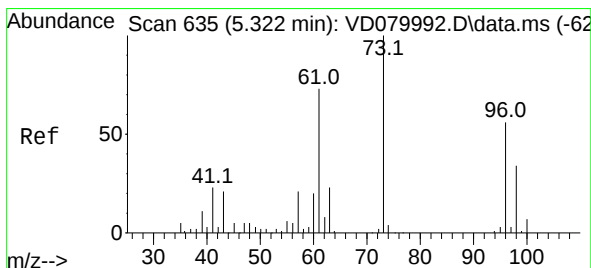
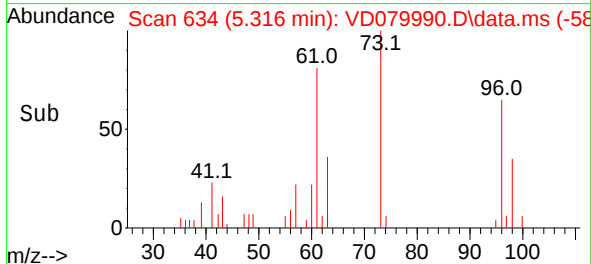
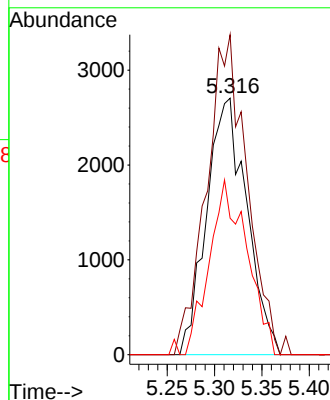
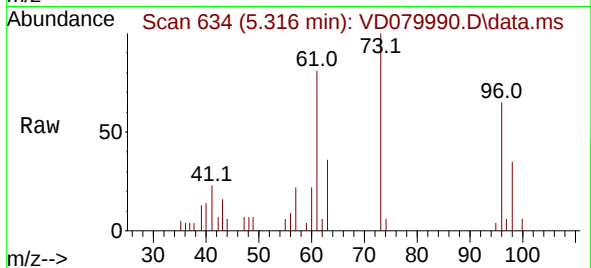
Tgt Ion: 96 Resp: 7972

Ion Ratio Lower Upper

96 100

61 124.8 91.1 169.3

98 53.2 41.6 77.2



#18

Methyl tert-butyl Ether

Concen: 1.392 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.006 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

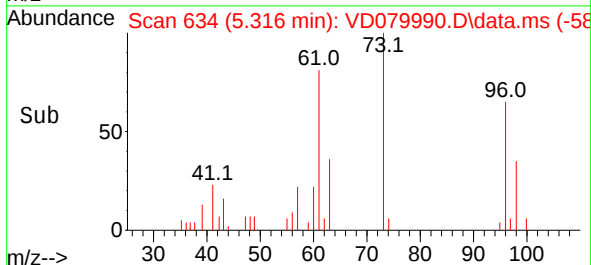
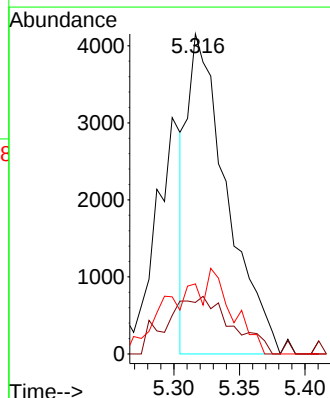
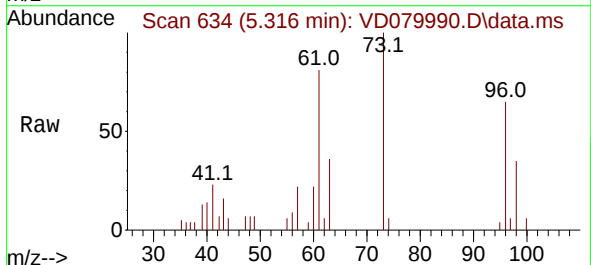
Tgt Ion: 73 Resp: 8696

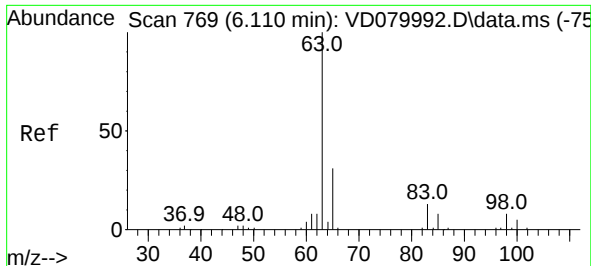
Ion Ratio Lower Upper

73 100

43 5.8 16.1 24.1#

57 6.8 18.5 27.7#

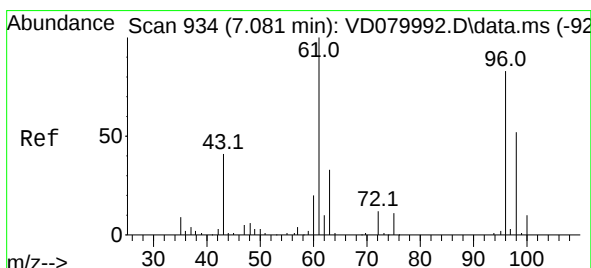
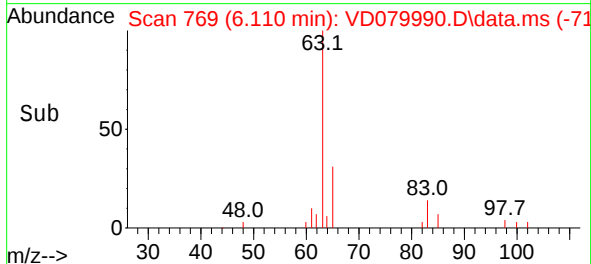
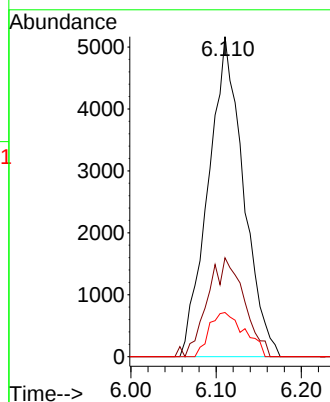
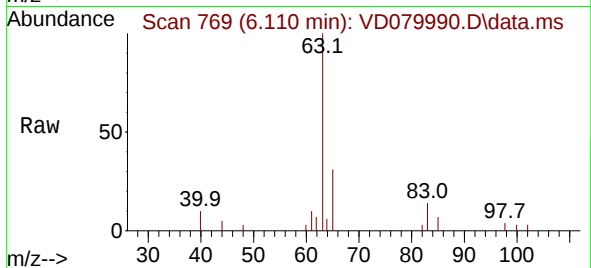




#19
1,1-Dichloroethane
Concen: 2.477 ug/L
RT: 6.110 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD079990.D
Acq: 12 Nov 2024 10:08

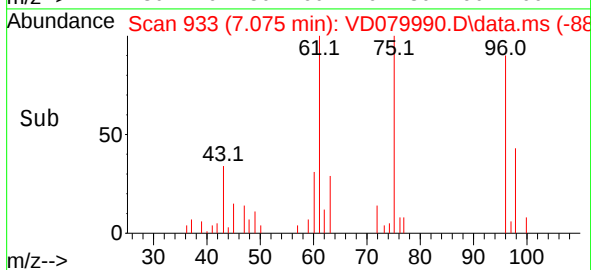
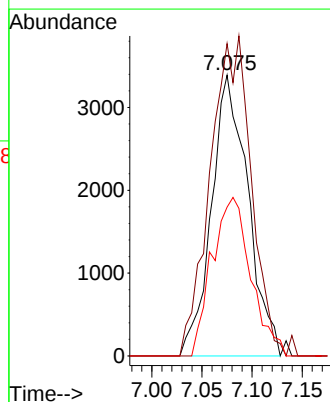
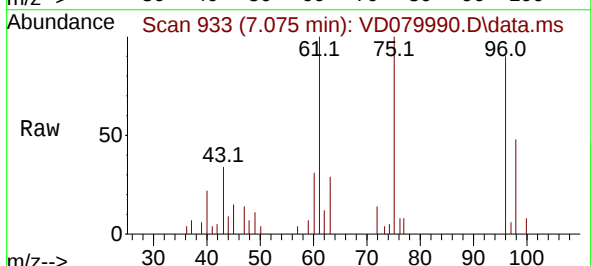
Instrument :
MSVOA_D
ClientSampleId :

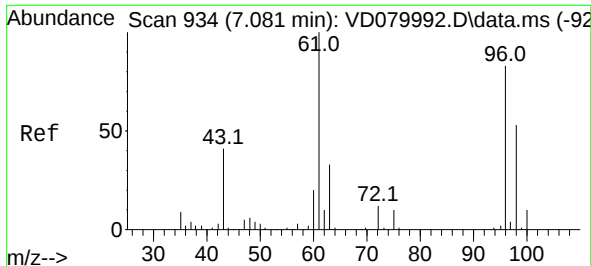
Tgt Ion:	63	Resp:	14826
Ion	Ratio	Lower	Upper
63	100		
65	30.9	21.9	40.7
83	13.8	9.0	16.6



#20
cis-1,2-Dichloroethene
Concen: 2.457 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079990.D
Acq: 12 Nov 2024 10:08

Tgt Ion:	96	Resp:	8586
Ion	Ratio	Lower	Upper
96	100		
61	111.2	84.8	157.4
98	53.0	44.4	82.5

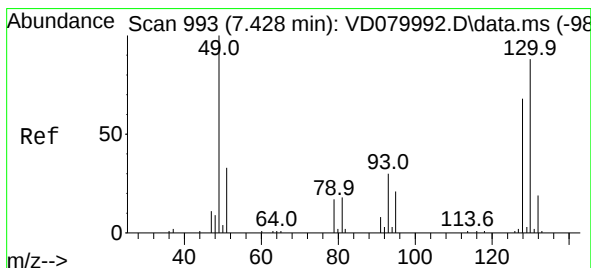
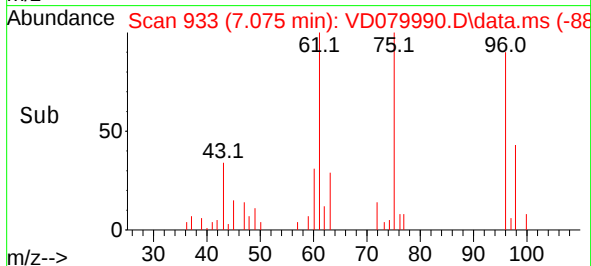
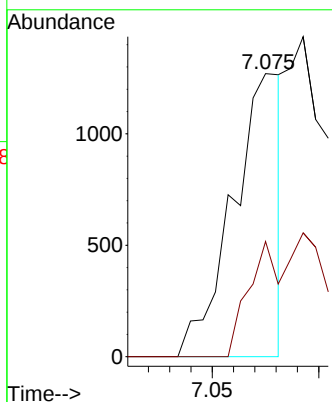
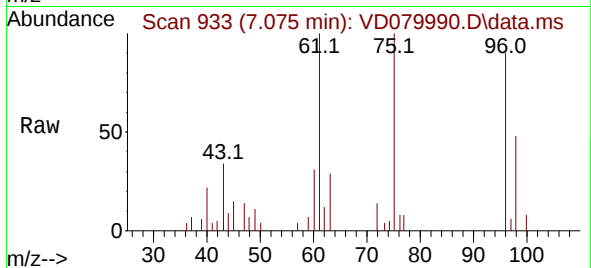




#22
2-Butanone
Concen: 2.118 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079990.D
Acq: 12 Nov 2024 10:08

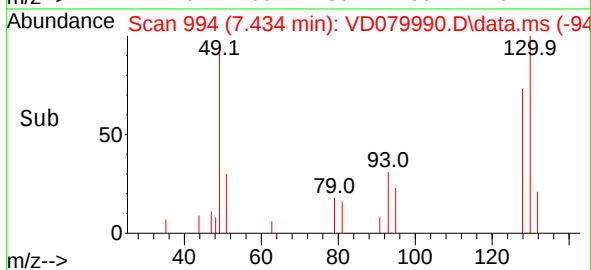
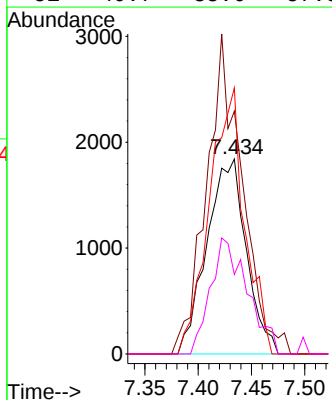
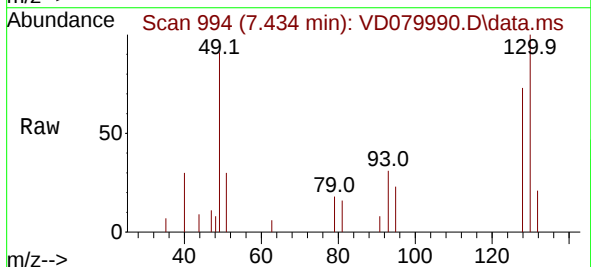
Instrument :
MSVOA_D
ClientSampleId :

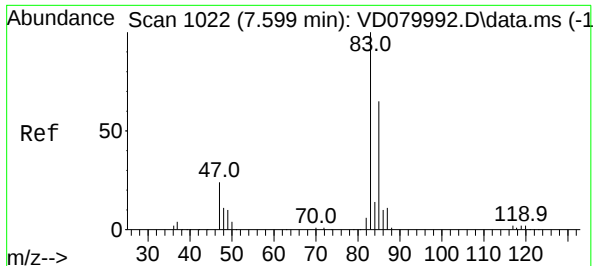
Tgt Ion: 43 Resp: 2018
Ion Ratio Lower Upper
43 100
72 24.8 14.3 42.9



#23
Bromochloromethane
Concen: 2.733 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD079990.D
Acq: 12 Nov 2024 10:08

Tgt Ion:128 Resp: 4743
Ion Ratio Lower Upper
128 100
49 124.5 103.2 191.6
130 136.4 90.6 168.2
51 40.7 38.6 57.8

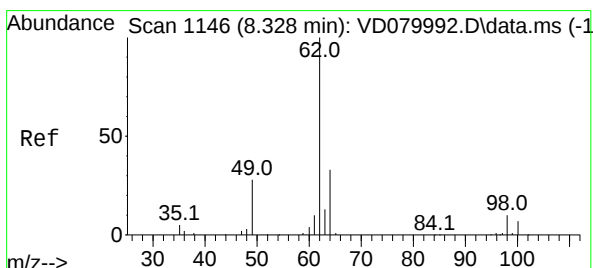
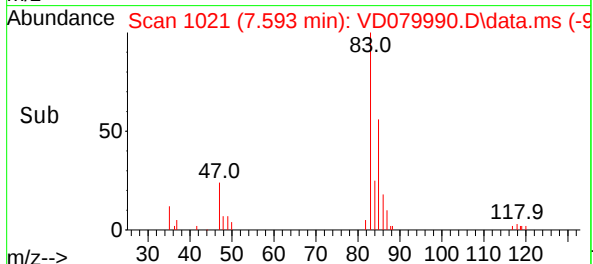
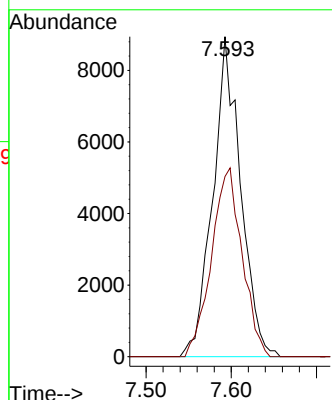
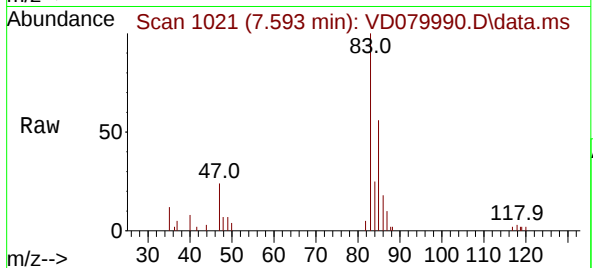




#25
Chloroform
Concen: 2.935 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD079990.D
Acq: 12 Nov 2024 10:08

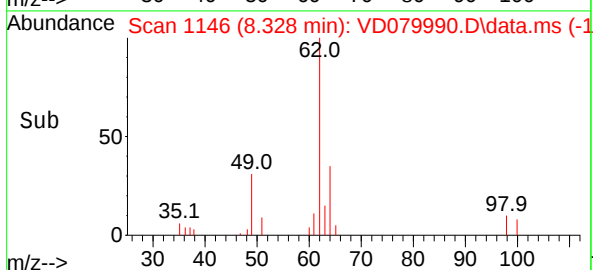
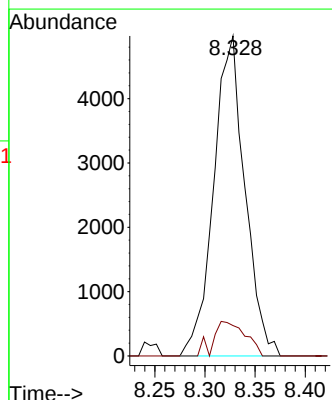
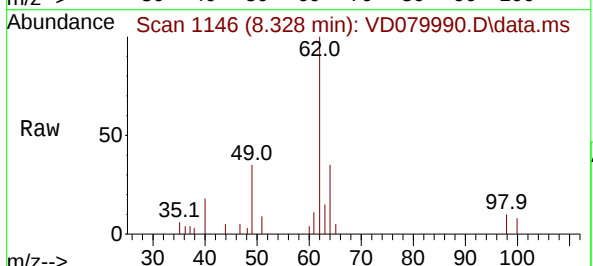
Instrument :
MSVOA_D
ClientSampleId :

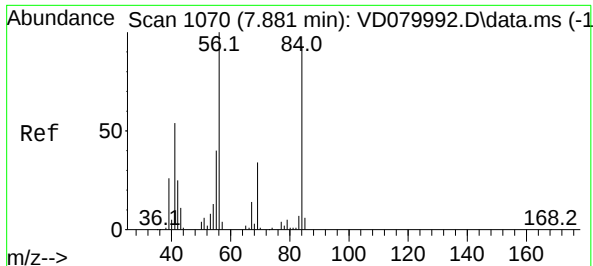
Tgt Ion: 83 Resp: 20305
Ion Ratio Lower Upper
83 100
85 56.3 45.6 84.6



#27
1,2-Dichloroethane
Concen: 2.669 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD079990.D
Acq: 12 Nov 2024 10:08

Tgt Ion: 62 Resp: 10785
Ion Ratio Lower Upper
62 100
98 9.5 7.5 11.3





#29

Cyclohexane

Concen: 2.106 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

Instrument :

MSVOA_D

ClientSampleId :

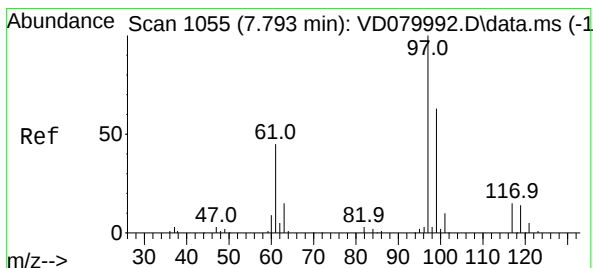
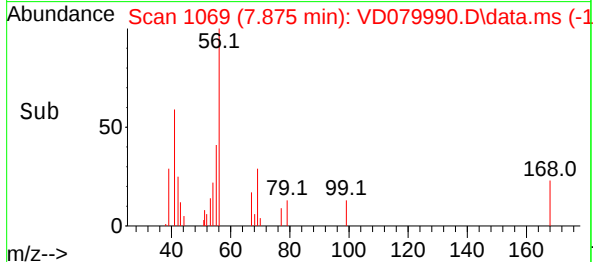
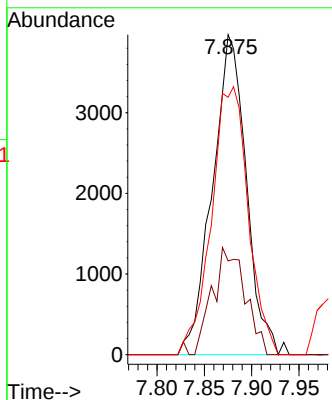
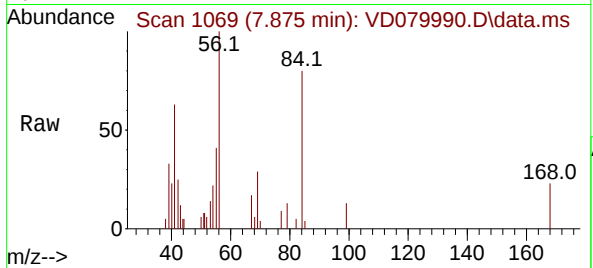
Tgt Ion: 56 Resp: 9860

Ion Ratio Lower Upper

56 100

69 4.2 25.6 38.4#

84 90.9 71.0 106.6



#30

1,1,1-Trichloroethane

Concen: 2.687 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

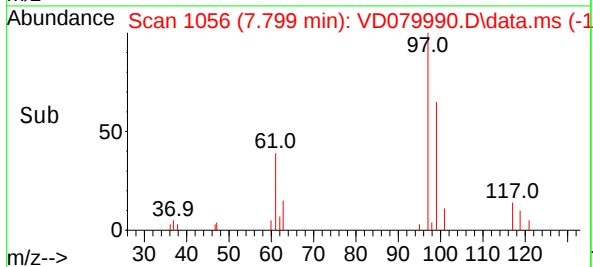
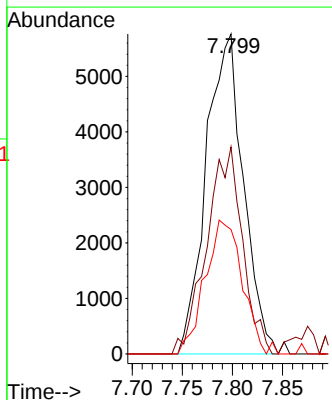
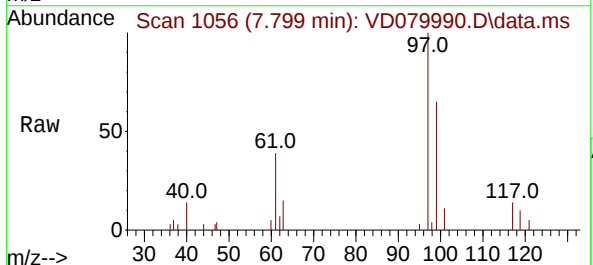
Tgt Ion: 97 Resp: 14893

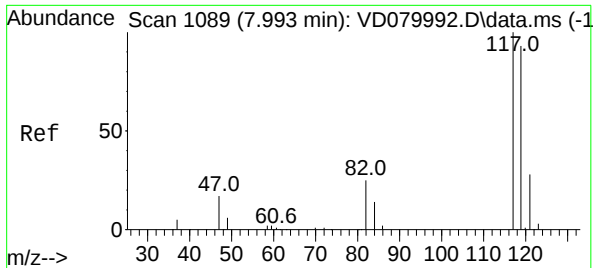
Ion Ratio Lower Upper

97 100

99 62.2 51.5 77.3

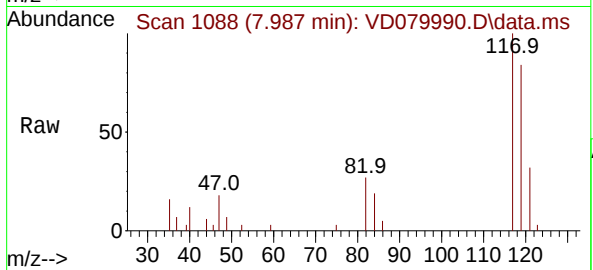
61 41.3 34.3 51.5



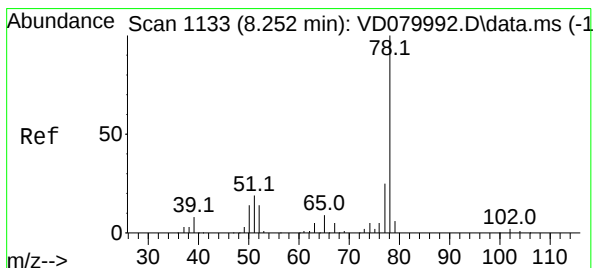
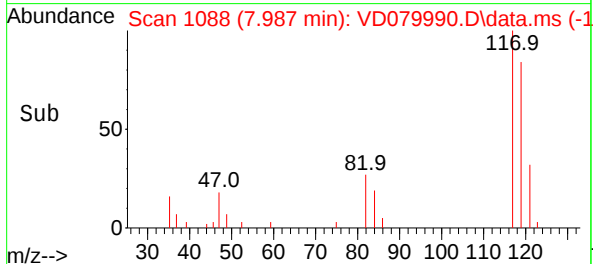
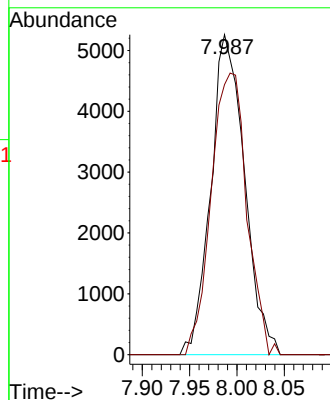


#31
Carbon tetrachloride
Concen: 2.676 ug/L
RT: 7.987 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VD079990.D
Acq: 12 Nov 2024 10:08

Instrument :
MSVOA_D
ClientSampleId :

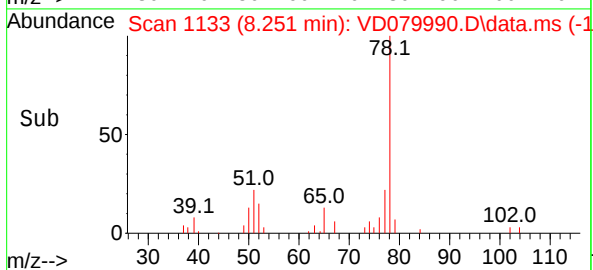
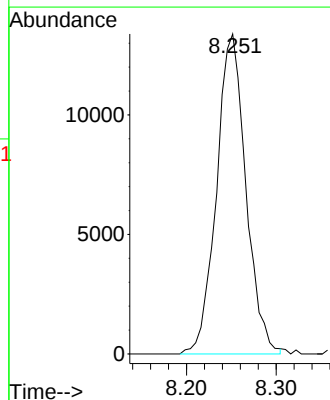
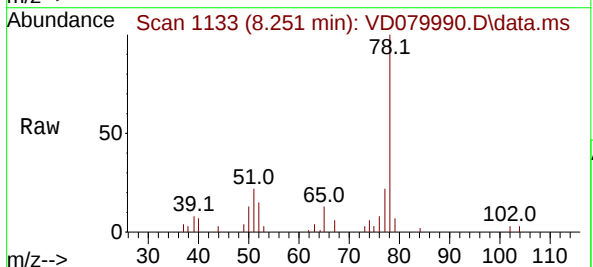


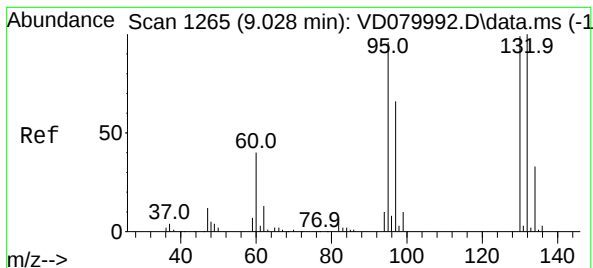
Tgt Ion:117 Resp: 13023
Ion Ratio Lower Upper
117 100
119 92.5 76.8 115.2



#33
Benzene
Concen: 2.246 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079990.D
Acq: 12 Nov 2024 10:08

Tgt Ion: 78 Resp: 30403





#34

Trichloroethene

Concen: 2.549 ug/L

RT: 9.022 min Scan# 1264

Delta R.T. -0.006 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 9251

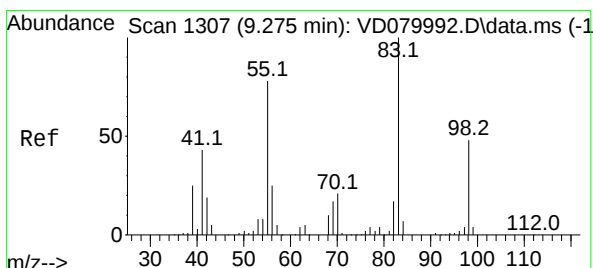
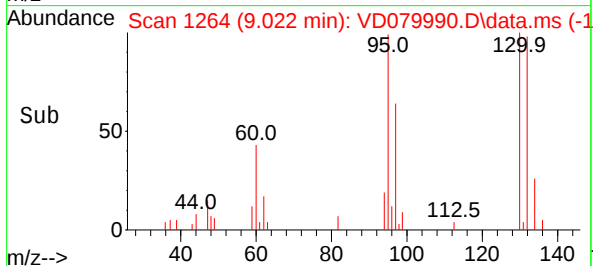
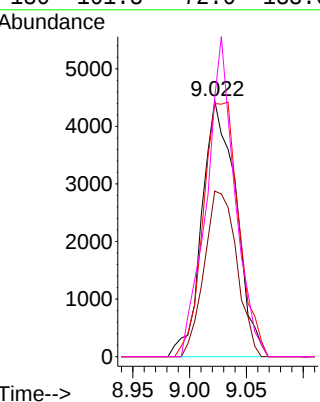
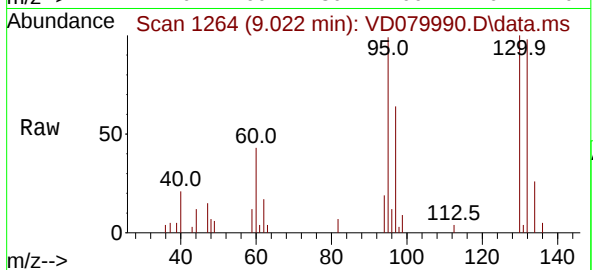
Ion Ratio Lower Upper

95 100

97 64.7 47.7 88.5

132 98.9 72.8 135.2

130 101.3 72.0 133.6



#35

Methylcyclohexane

Concen: 2.261 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

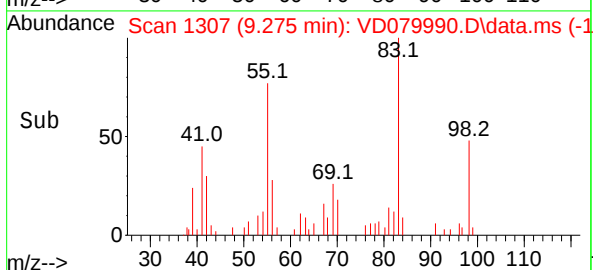
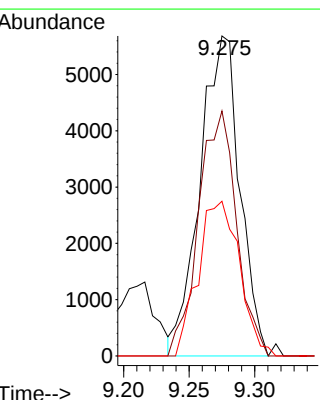
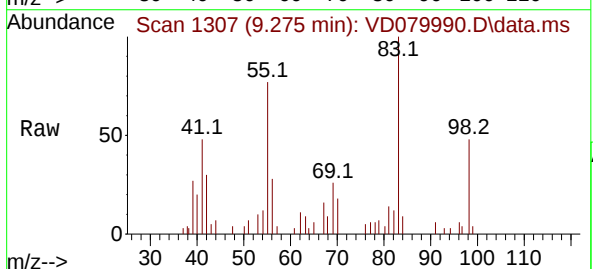
Tgt Ion: 83 Resp: 11994

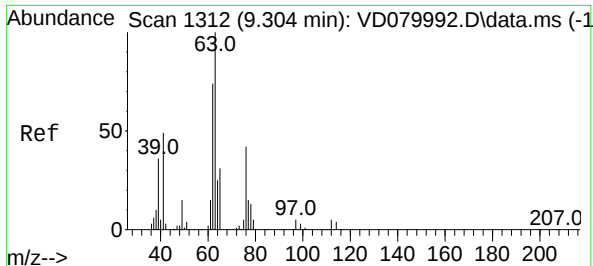
Ion Ratio Lower Upper

83 100

55 73.0 61.2 91.8

98 50.3 38.2 57.2

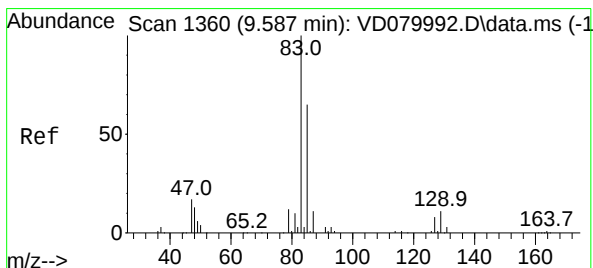
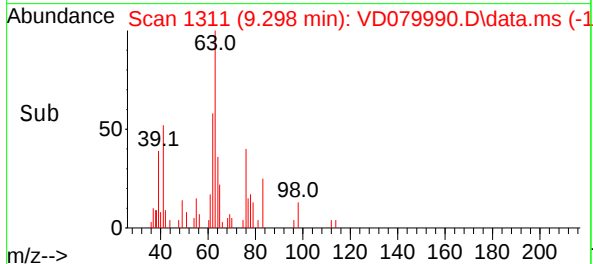
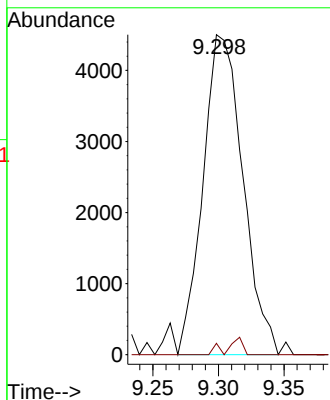
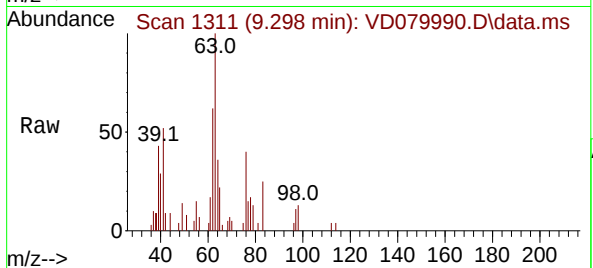




#37
1,2-Dichloropropane
Concen: 2.515 ug/L
RT: 9.298 min Scan# 1311
Delta R.T. -0.006 min
Lab File: VD079990.D
Acq: 12 Nov 2024 10:08

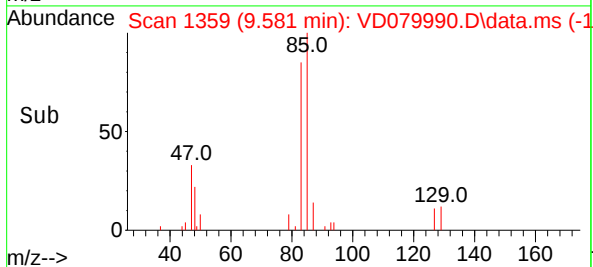
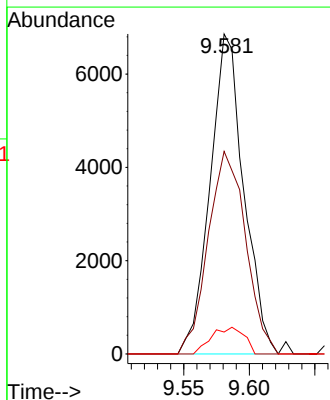
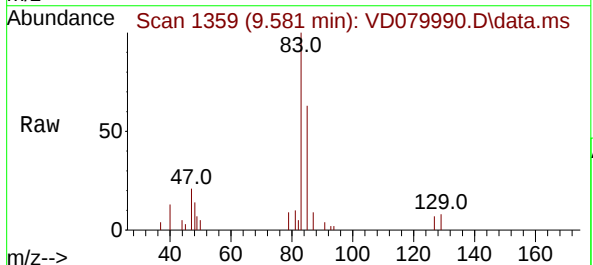
Instrument :
MSVOA_D
ClientSampleId :

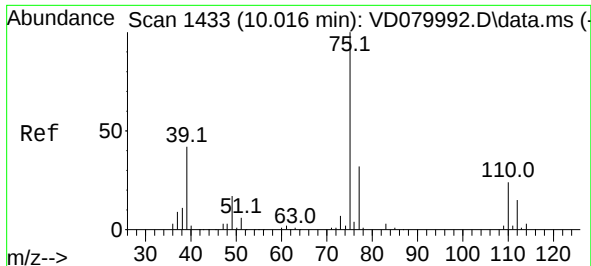
Tgt Ion: 63 Resp: 9510
Ion Ratio Lower Upper
63 100
112 0.6 3.8 5.6#



#38
Bromodichloromethane
Concen: 2.544 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD079990.D
Acq: 12 Nov 2024 10:08

Tgt Ion: 83 Resp: 12256
Ion Ratio Lower Upper
83 100
85 63.3 46.0 85.4
127 6.9 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 2.205 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

Instrument :

MSVOA_D

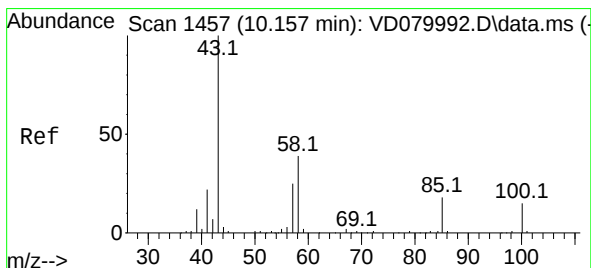
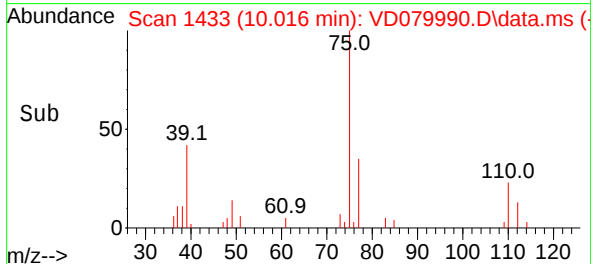
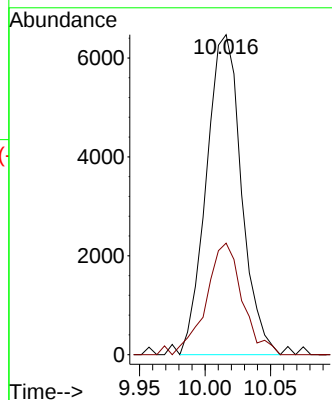
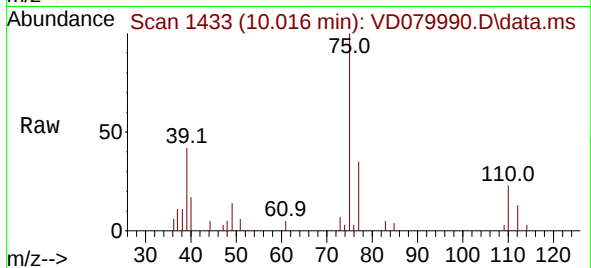
ClientSampleId :

Tgt Ion: 75 Resp: 12044

Ion Ratio Lower Upper

75 100

77 34.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 4.361 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

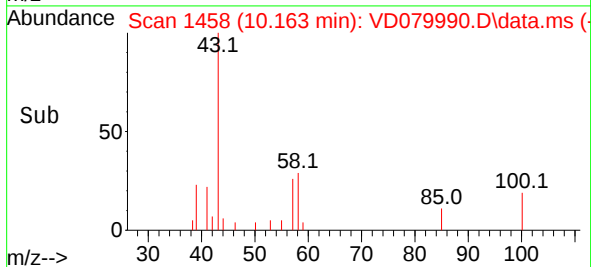
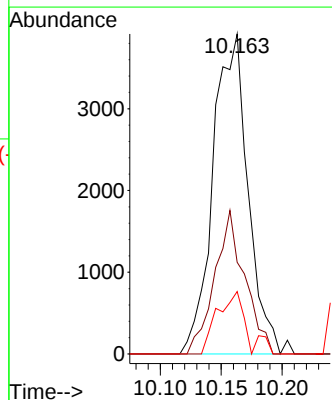
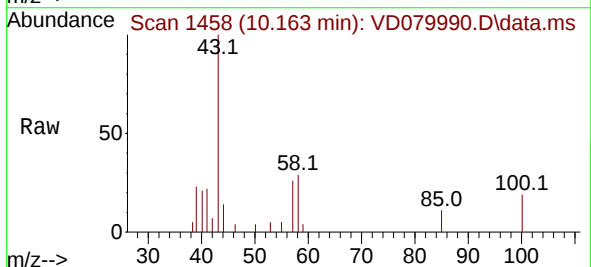
Tgt Ion: 43 Resp: 7785

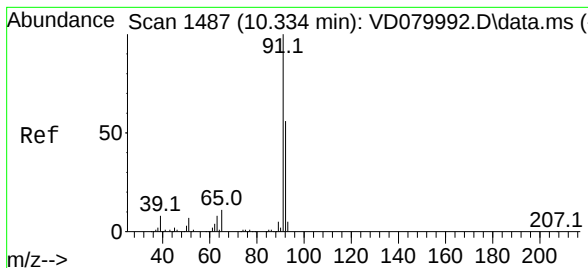
Ion Ratio Lower Upper

43 100

58 38.7 31.5 47.3

100 14.3 12.7 19.1





#42

Toluene

Concen: 2.193 ug/L

RT: 10.328 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

Instrument :

MSVOA_D

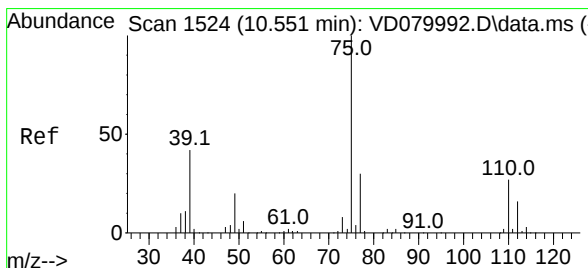
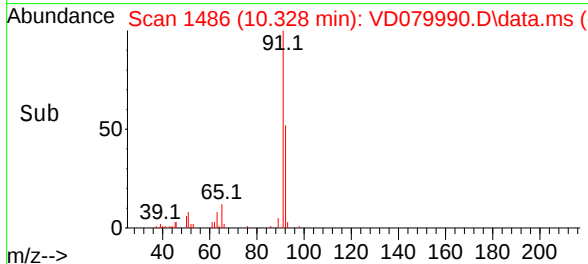
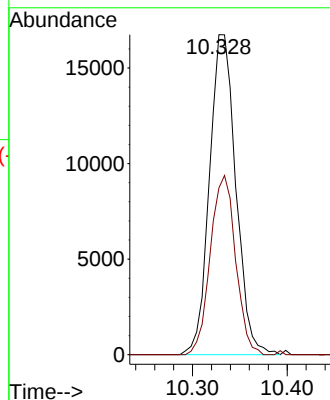
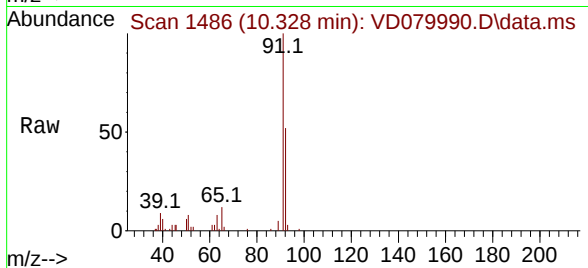
ClientSampleId :

Tgt Ion: 91 Resp: 32424

Ion Ratio Lower Upper

91 100

92 52.1 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 2.264 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079990.D

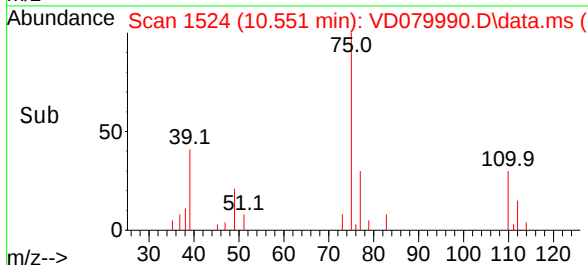
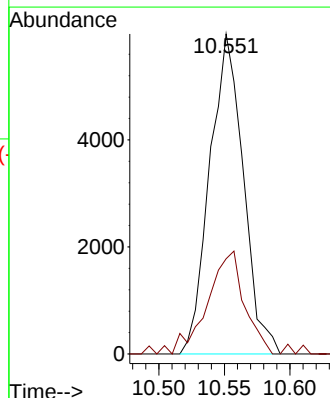
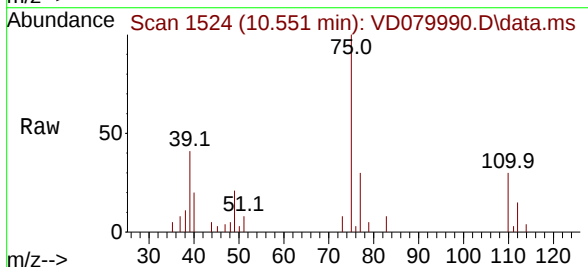
Acq: 12 Nov 2024 10:08

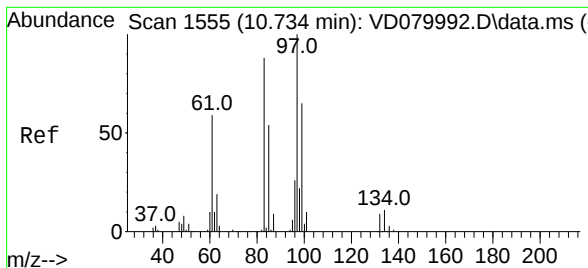
Tgt Ion: 75 Resp: 10651

Ion Ratio Lower Upper

75 100

77 29.7 21.0 39.0





#45

1,1,2-Trichloroethane

Concen: 2.601 ug/L

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 7493

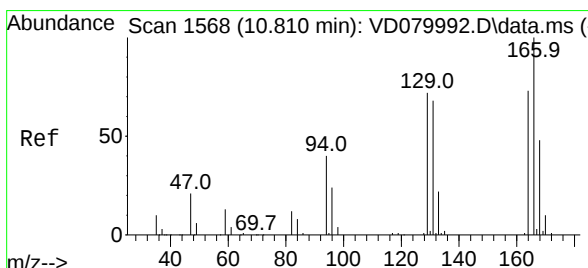
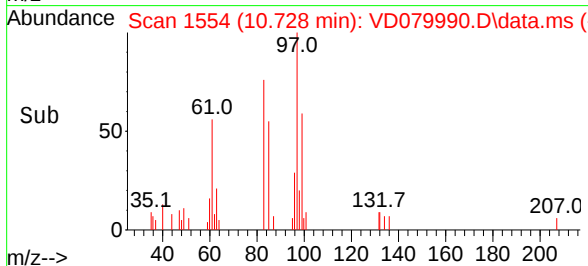
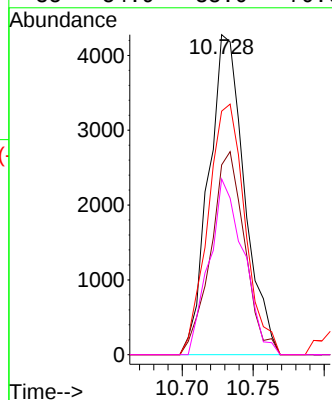
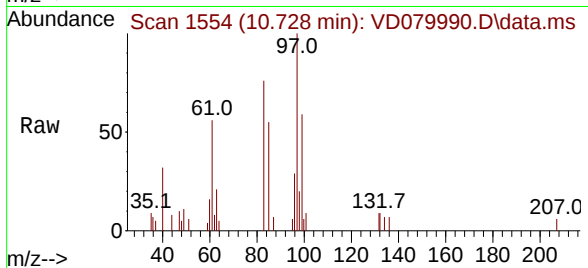
Ion Ratio Lower Upper

97 100

99 59.3 45.2 84.0

83 76.1 61.5 114.3

85 54.9 38.0 70.6



#46

Tetrachloroethene

Concen: 2.780 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

Tgt Ion:164 Resp: 8583

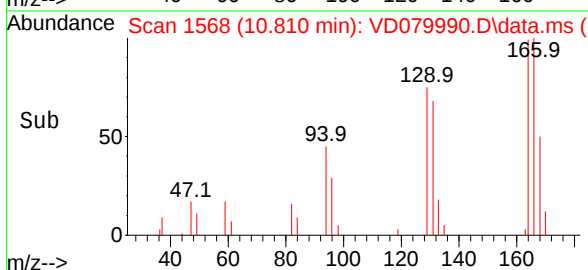
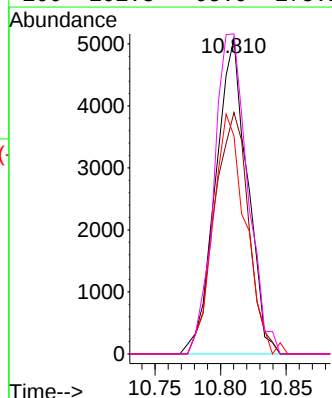
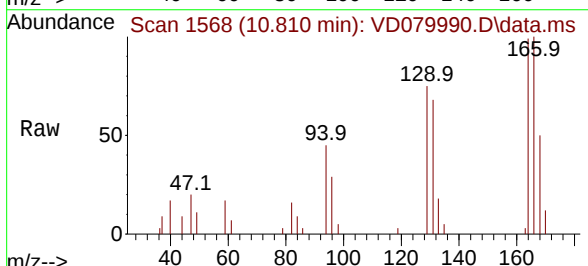
Ion Ratio Lower Upper

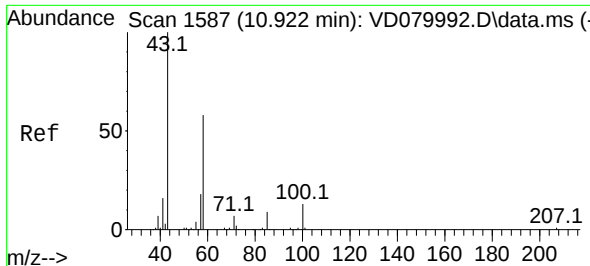
164 100

129 76.5 69.1 128.3

131 69.1 65.4 121.4

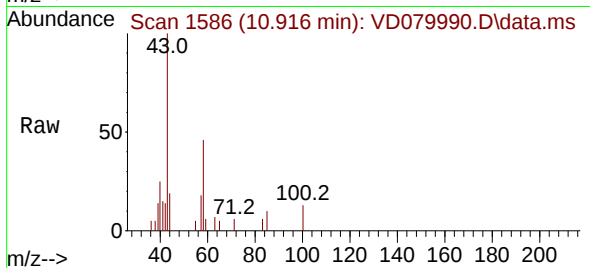
166 101.3 95.9 178.1



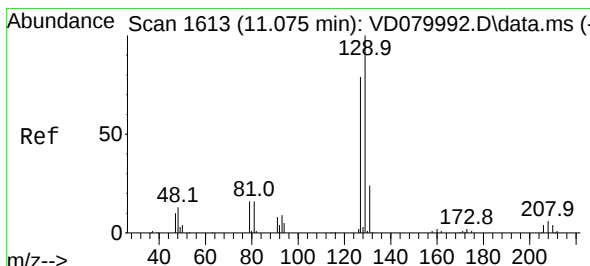
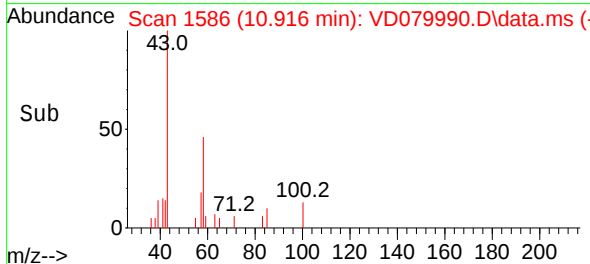
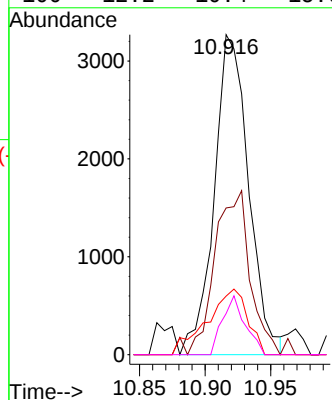


#48
2-Hexanone
Concen: 4.142 ug/L
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD079990.D
Acq: 12 Nov 2024 10:08

Instrument :
MSVOA_D
ClientSampleId :

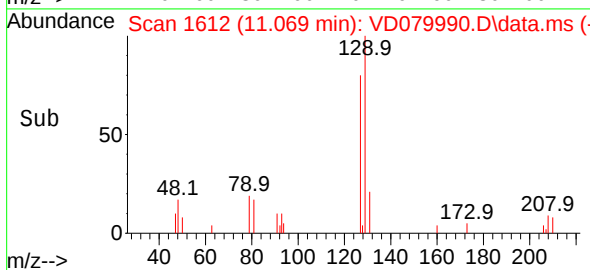
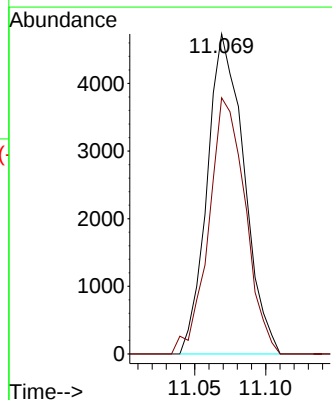
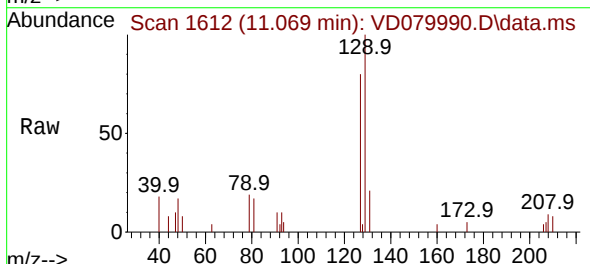


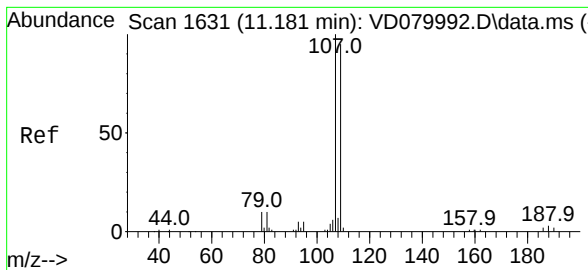
Tgt Ion: 43 Resp: 5963
Ion Ratio Lower Upper
43 100
58 52.0 45.9 68.9
57 24.2 15.2 22.8#
100 12.2 10.4 15.6



#49
Dibromochloromethane
Concen: 2.515 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD079990.D
Acq: 12 Nov 2024 10:08

Tgt Ion: 129 Resp: 8533
Ion Ratio Lower Upper
129 100
127 80.1 54.9 102.1

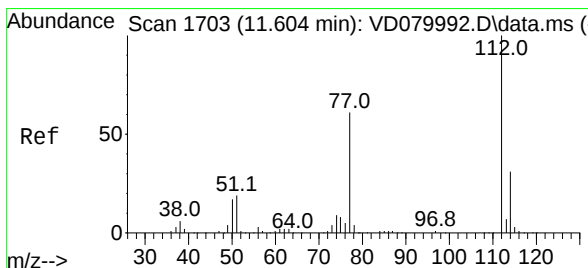
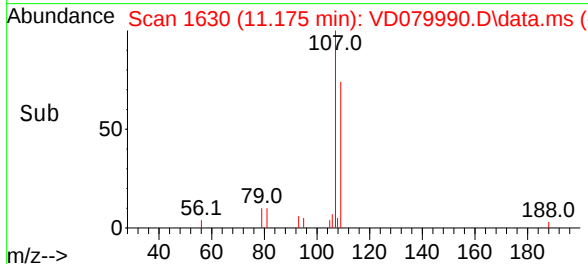
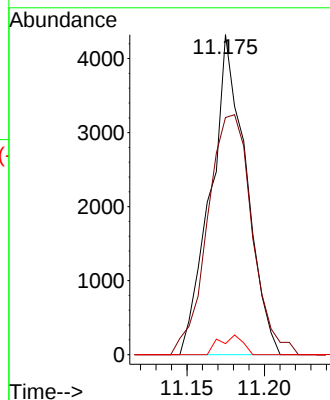
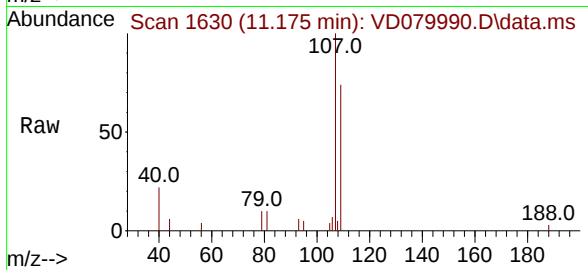




#50
1,2-Dibromoethane
Concen: 2.609 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD079990.D
Acq: 12 Nov 2024 10:08

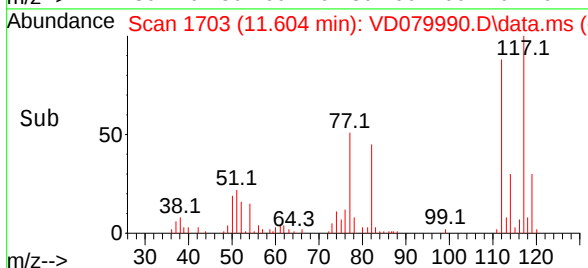
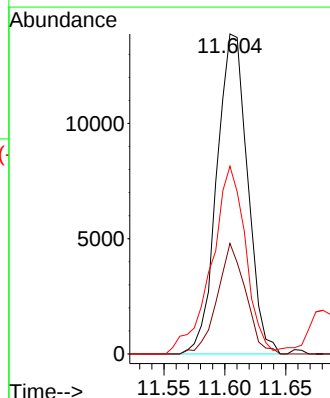
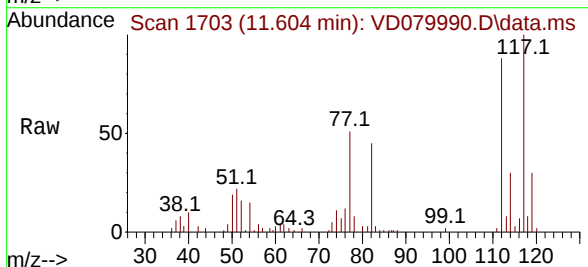
Instrument :
MSVOA_D
ClientSampleId :

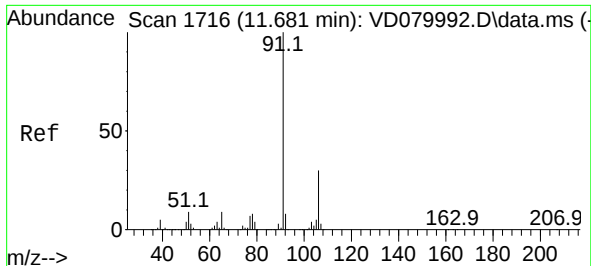
Tgt Ion:107 Resp: 6858
Ion Ratio Lower Upper
107 100
109 74.1 66.6 123.8
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 2.513 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079990.D
Acq: 12 Nov 2024 10:08

Tgt Ion:112 Resp: 24359
Ion Ratio Lower Upper
112 100
114 34.6 21.8 40.4
77 58.7 49.1 73.7

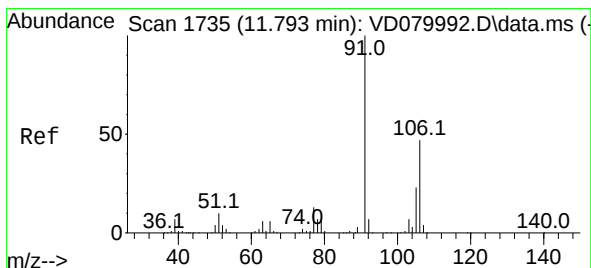
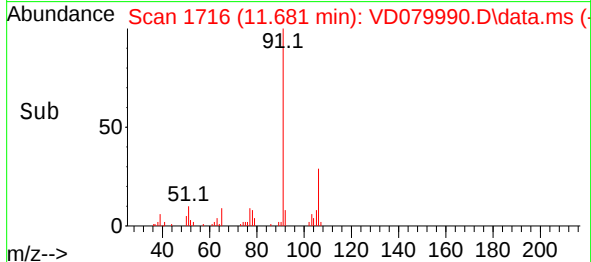
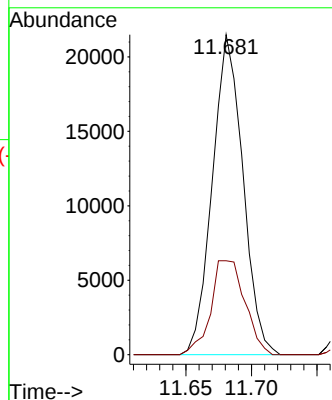
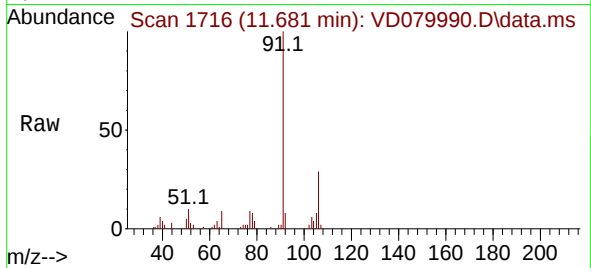




#52
Ethylbenzene
Concen: 2.180 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079990.D
Acq: 12 Nov 2024 10:08

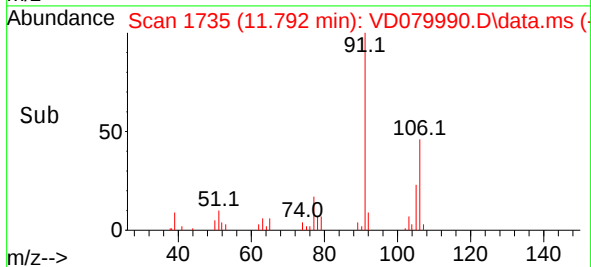
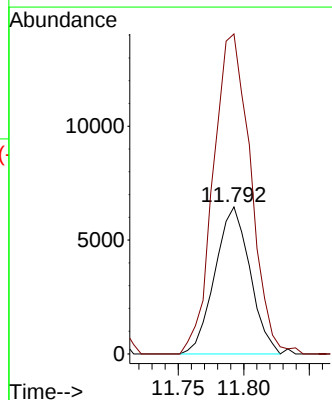
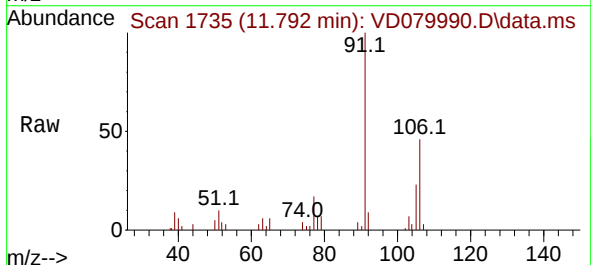
Instrument :
MSVOA_D
ClientSampleId :

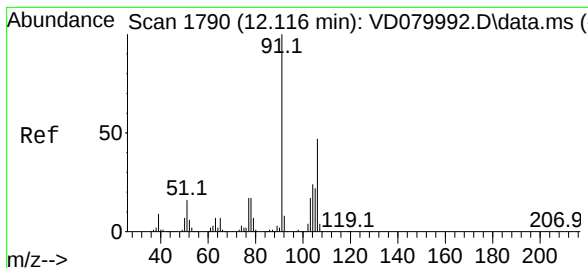
Tgt Ion: 91 Resp: 34784
Ion Ratio Lower Upper
91 100
106 29.4 21.2 39.4



#53
m,p-Xylene
Concen: 2.007 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079990.D
Acq: 12 Nov 2024 10:08

Tgt Ion:106 Resp: 12008
Ion Ratio Lower Upper
106 100
91 217.5 149.3 277.3





#54

o-Xylene

Concen: 2.066 ug/L

RT: 12.116 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

Instrument :

MSVOA_D

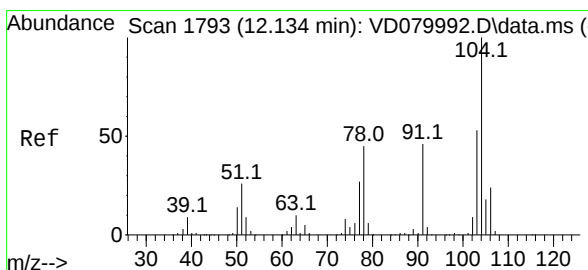
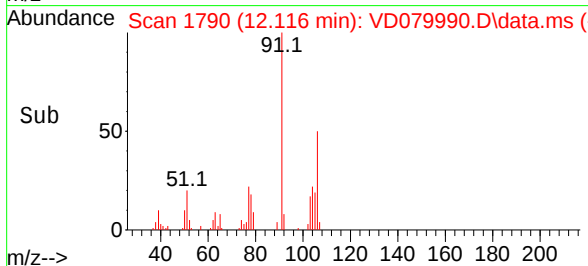
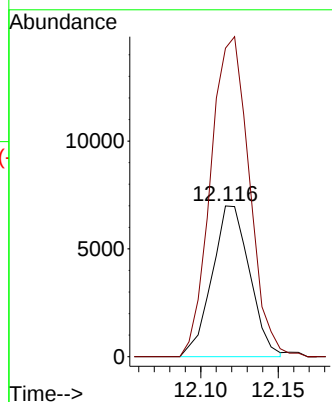
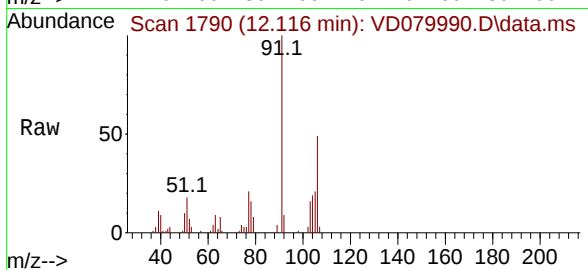
ClientSampleId :

Tgt Ion:106 Resp: 11780

Ion Ratio Lower Upper

106 100

91 204.7 148.0 274.8



#55

Styrene

Concen: 2.029 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD079990.D

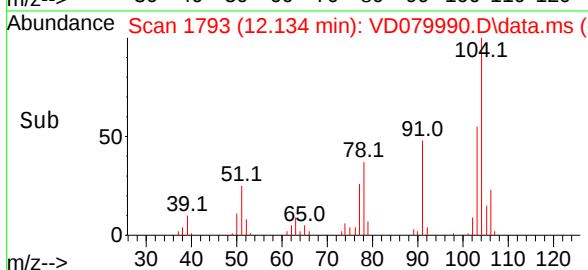
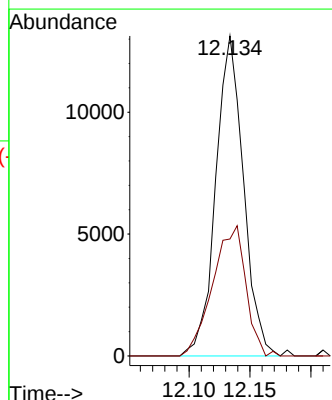
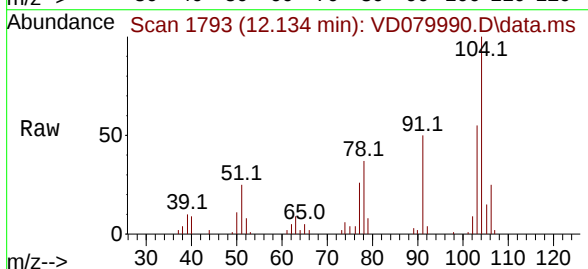
Acq: 12 Nov 2024 10:08

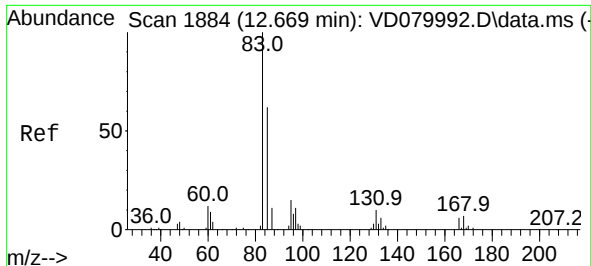
Tgt Ion:104 Resp: 20817

Ion Ratio Lower Upper

104 100

78 36.5 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 2.734 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD079990.D

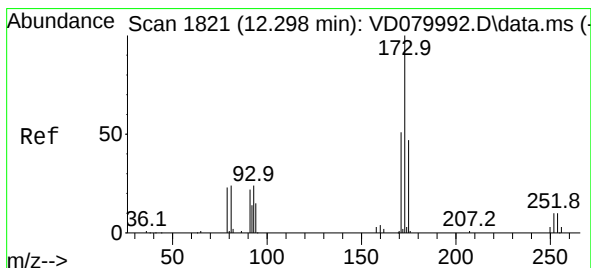
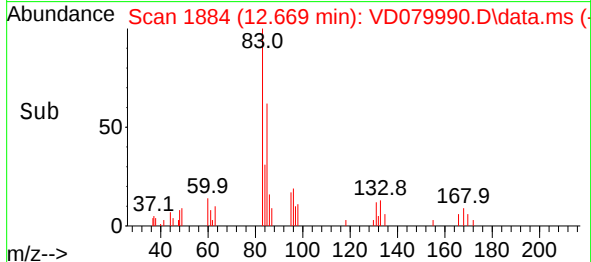
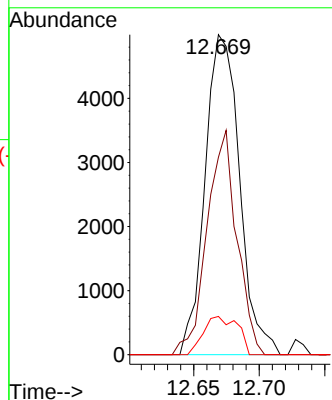
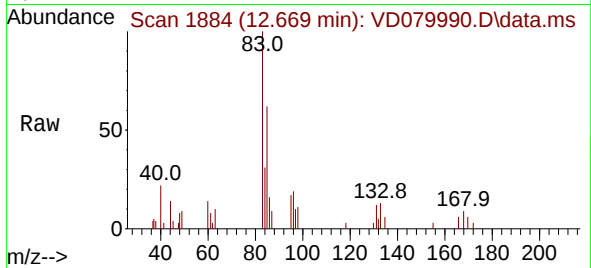
Acq: 12 Nov 2024 10:08

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	9146
Ion Ratio	Lower	Upper	
83	100		
85	61.7	44.4	82.4
131	12.0	8.6	13.0



#59

Bromoform

Concen: 2.958 ug/L

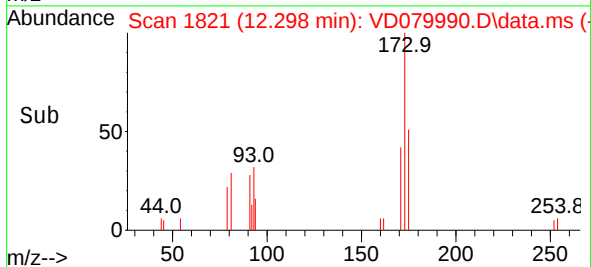
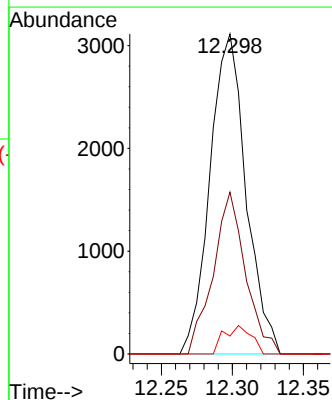
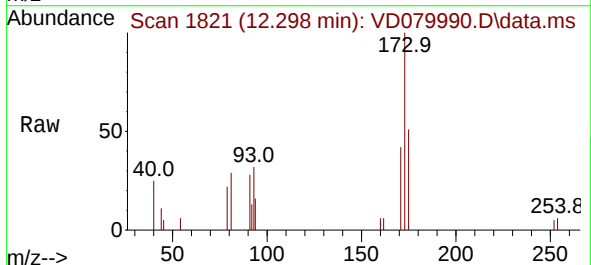
RT: 12.298 min Scan# 1821

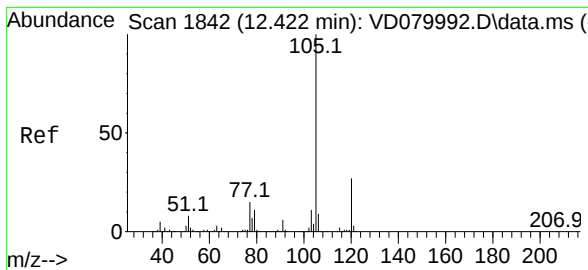
Delta R.T. -0.000 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

Tgt Ion:	173	Resp:	5486
Ion Ratio	Lower	Upper	
173	100		
175	45.4	39.0	58.6
254	6.7	8.3	12.5#





#60

Isopropylbenzene

Concen: 2.441 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD079990.D

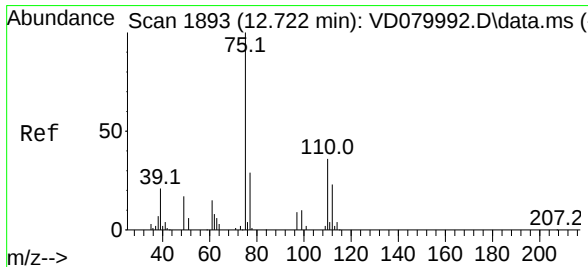
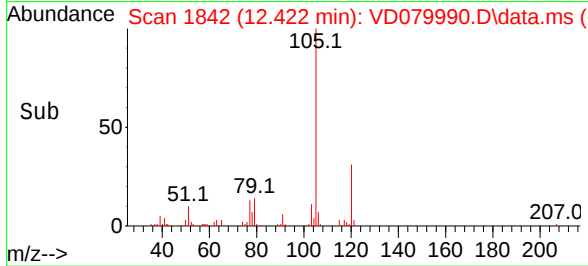
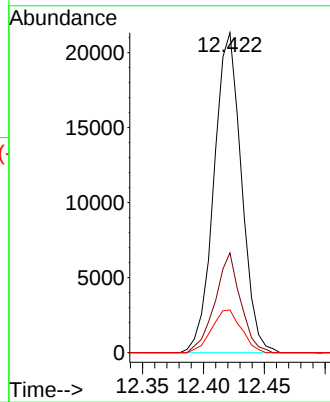
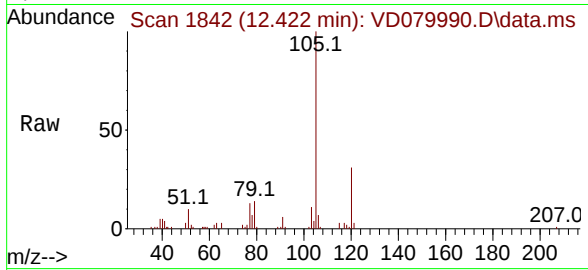
Acq: 12 Nov 2024 10:08

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	105	Resp:	33521
Ion Ratio	Lower	Upper	
105	100		
120	29.0	21.3	31.9
77	14.4	12.6	18.8



#61

1,2,3-Trichloropropane

Concen: 2.755 ug/L

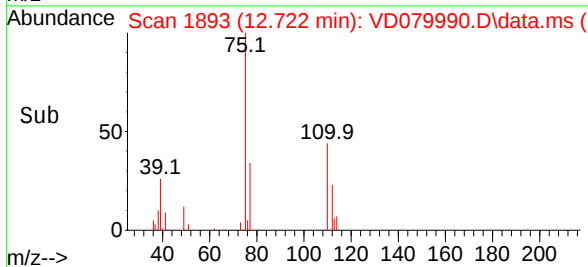
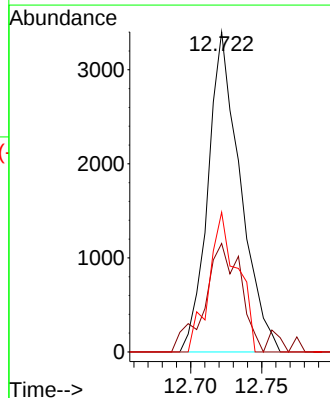
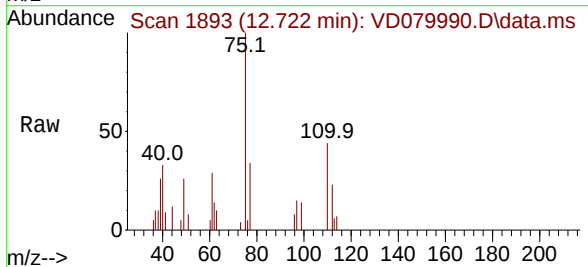
RT: 12.722 min Scan# 1893

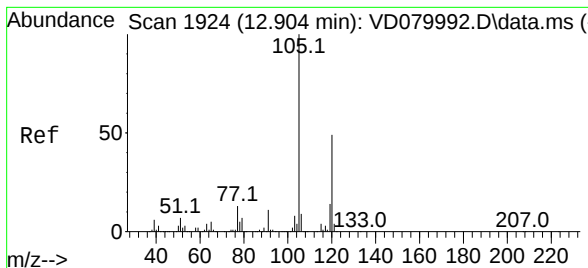
Delta R.T. -0.000 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

Tgt Ion:	75	Resp:	5396
Ion Ratio	Lower	Upper	
75	100		
77	32.9	26.3	39.5
110	33.5	30.2	45.2





#62

1,3,5-Trimethylbenzene

Concen: 2.294 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

Instrument :

MSVOA_D

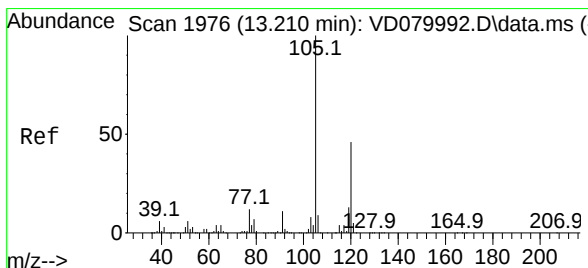
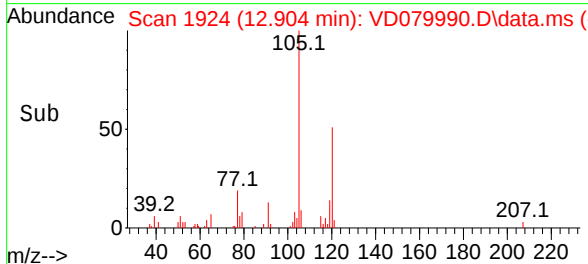
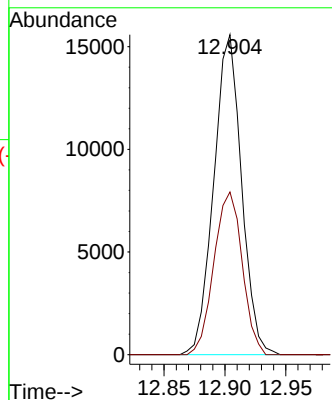
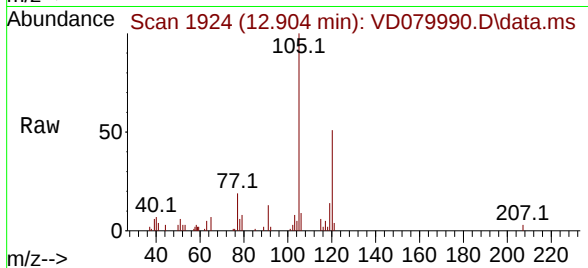
ClientSampleId :

Tgt Ion:105 Resp: 24745

Ion Ratio Lower Upper

105 100

120 51.7 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 2.292 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD079990.D

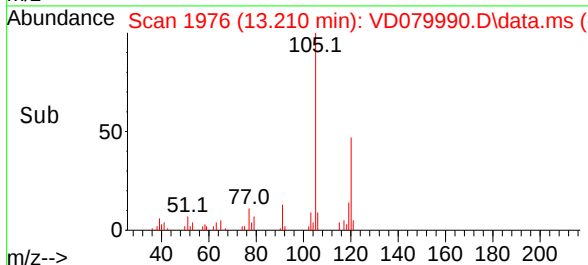
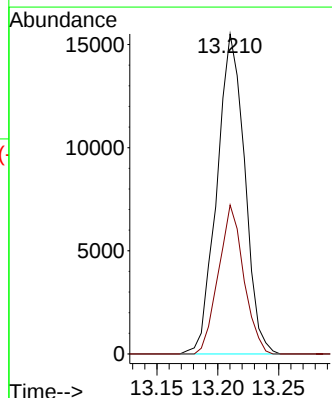
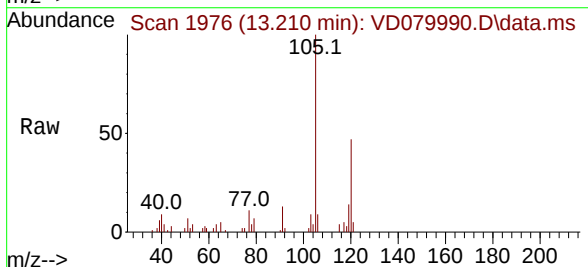
Acq: 12 Nov 2024 10:08

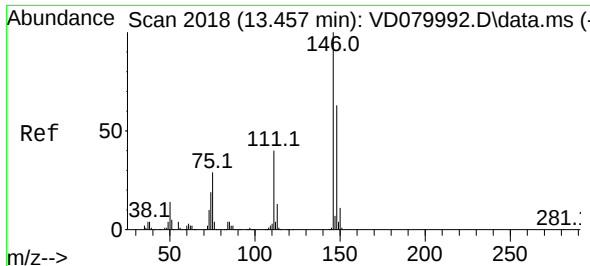
Tgt Ion:105 Resp: 24617

Ion Ratio Lower Upper

105 100

120 42.4 36.8 55.2

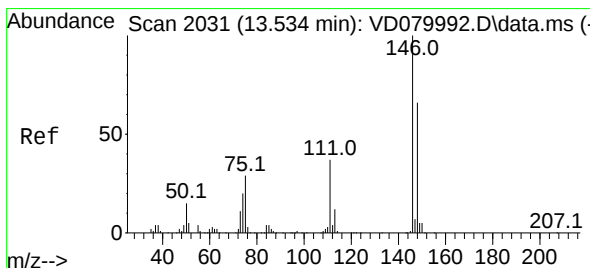
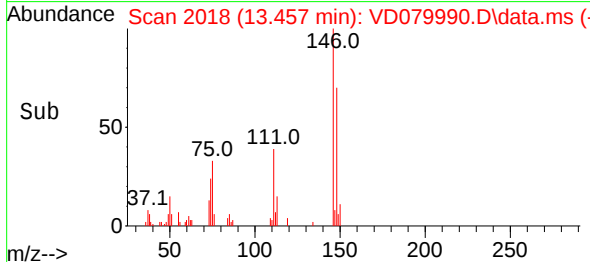
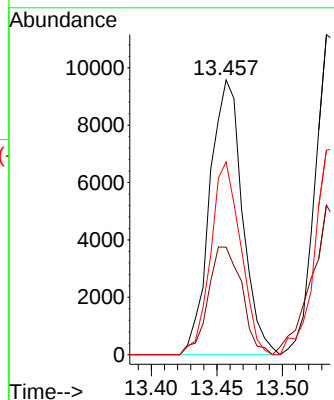
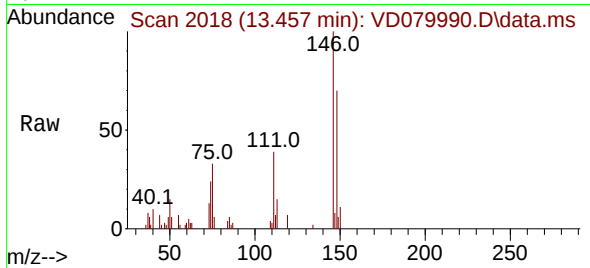




#64
1,3-Dichlorobenzene
Concen: 2.460 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079990.D
Acq: 12 Nov 2024 10:08

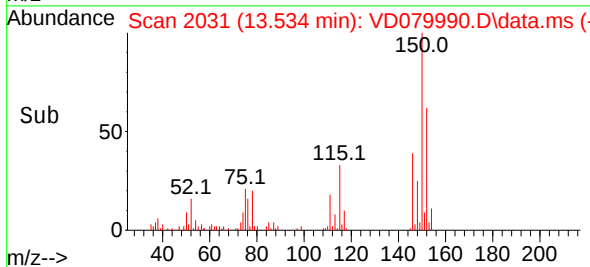
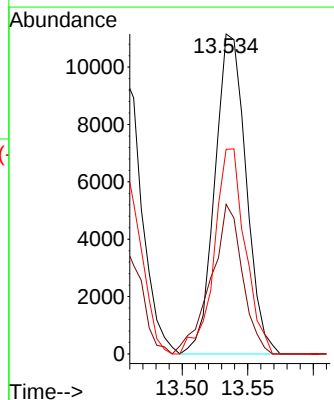
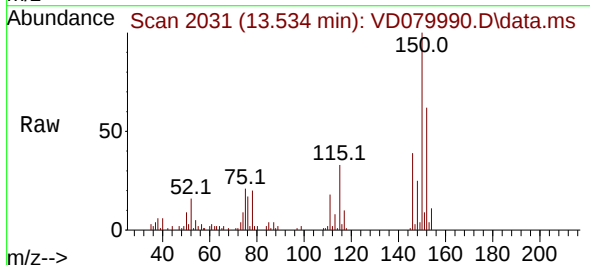
Instrument :
MSVOA_D
ClientSampleId :

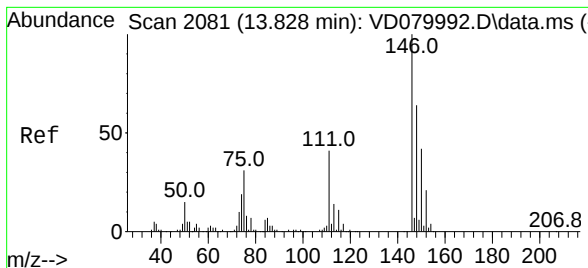
Tgt Ion:146 Resp: 16584
Ion Ratio Lower Upper
146 100
111 39.1 28.2 52.4
148 70.1 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 2.611 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079990.D
Acq: 12 Nov 2024 10:08

Tgt Ion:146 Resp: 18440
Ion Ratio Lower Upper
146 100
111 46.7 26.2 48.8
148 64.0 46.1 85.5





#67

1,2-Dichlorobenzene

Concen: 2.549 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

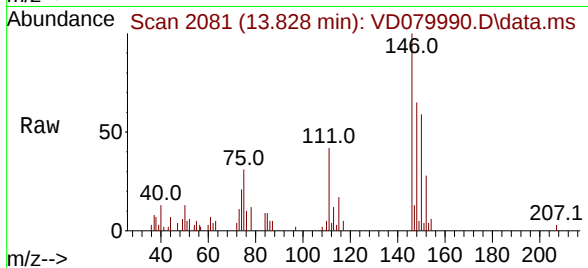
Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

Instrument :

MSVOA_D

ClientSampleId :



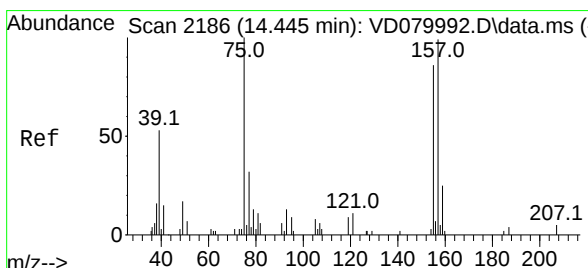
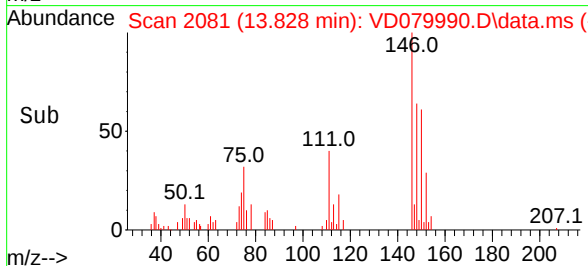
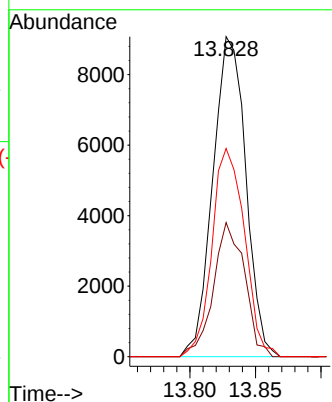
Tgt Ion:146 Resp: 15880

Ion Ratio Lower Upper

146 100

111 41.9 33.0 49.6

148 65.1 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 2.805 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

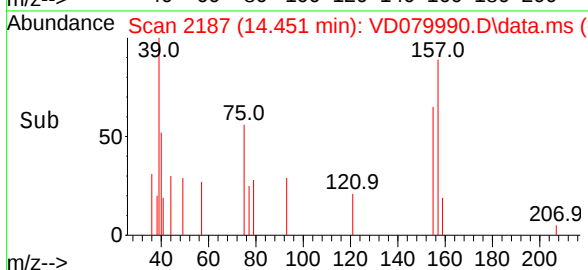
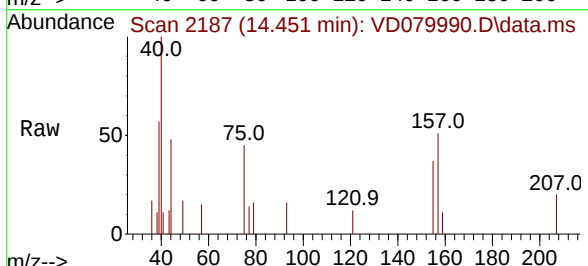
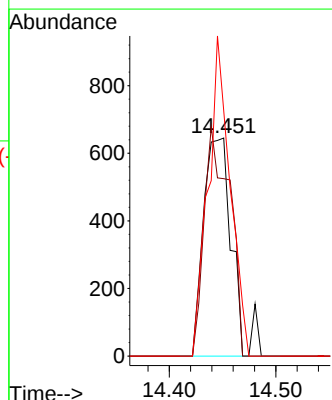
Tgt Ion: 75 Resp: 1197

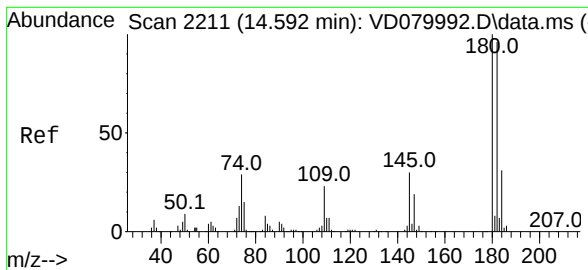
Ion Ratio Lower Upper

75 100

155 81.4 68.7 103.1

157 112.6 79.4 119.2





#69

1,3,5-Trichlorobenzene

Concen: 2.531 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

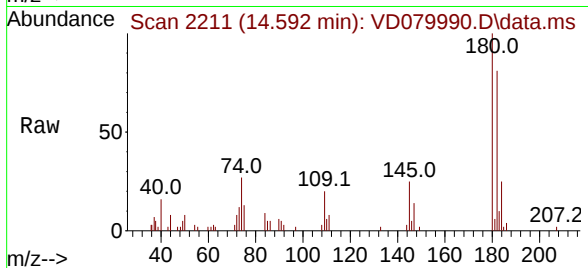
Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 11527

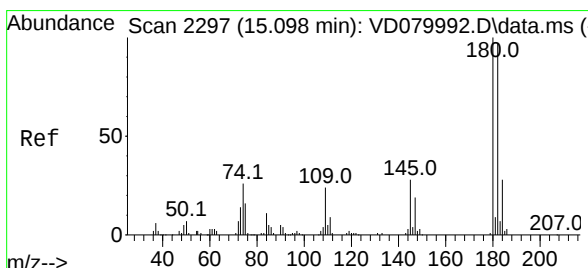
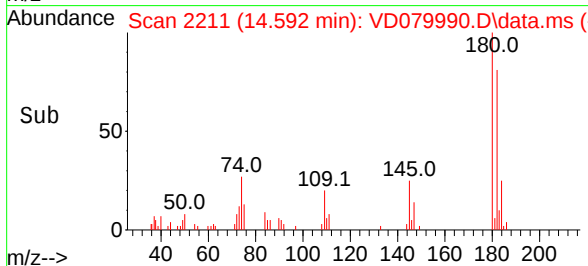
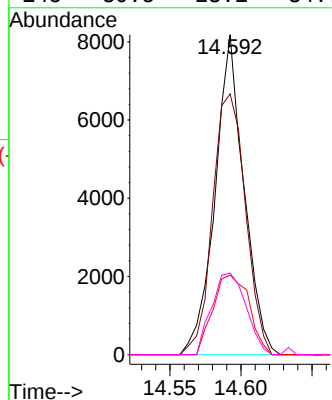
Ion Ratio Lower Upper

180 100

182 93.1 75.8 113.6

184 31.2 24.6 36.8

145 30.5 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 2.670 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

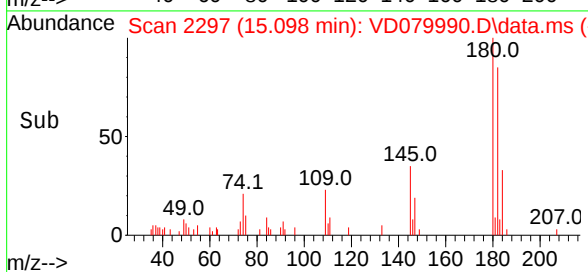
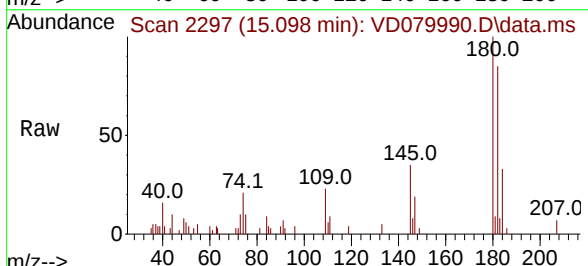
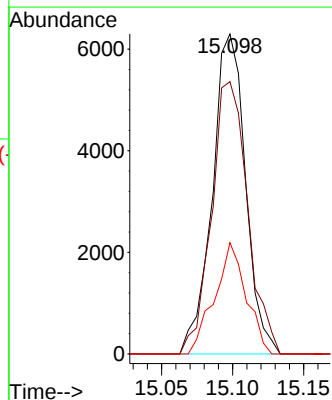
Tgt Ion:180 Resp: 10244

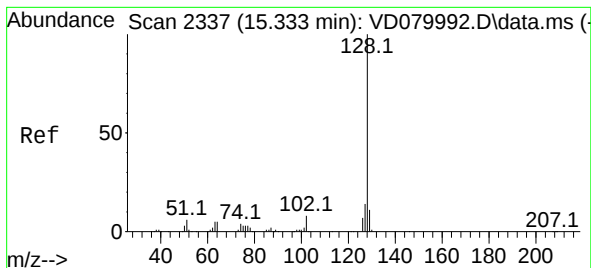
Ion Ratio Lower Upper

180 100

182 92.4 75.9 113.9

145 33.1 23.0 34.4





#71

Naphthalene

Concen: 2.367 ug/L

RT: 15.333 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD079990.D

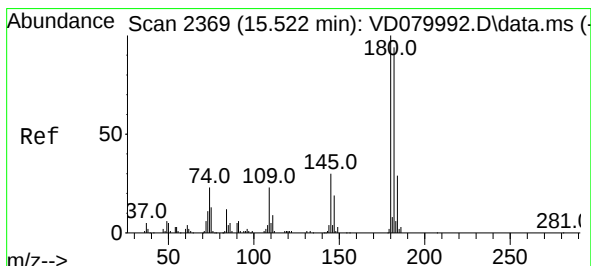
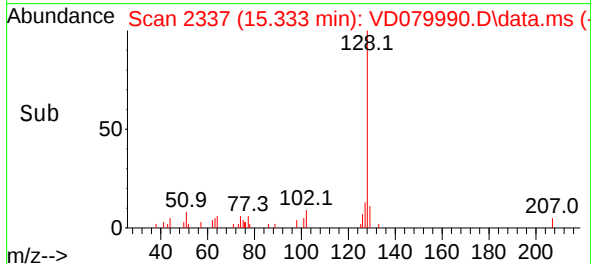
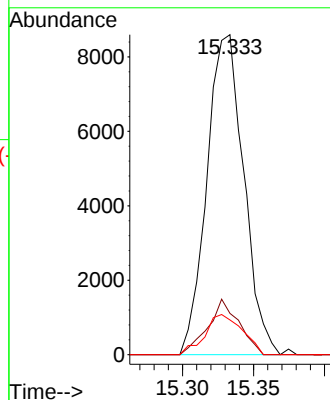
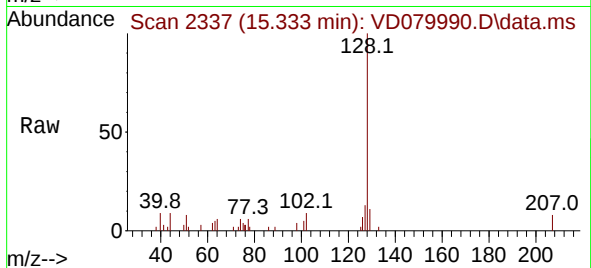
Acq: 12 Nov 2024 10:08

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:128	Resp:	15516
Ion Ratio	Lower	Upper
128	100	
127	14.7	11.0 16.6
129	12.8	8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 2.429 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD079990.D

Acq: 12 Nov 2024 10:08

Tgt Ion:180	Resp:	8227
Ion Ratio	Lower	Upper
180	100	
182	103.0	75.8 113.8
145	28.9	24.9 37.3

