

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111224\
 Data File : VD079998.D
 Acq On : 12 Nov 2024 15:35
 Operator : RP/MD
 Sample : P4776-03
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 13 03:24:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 13 03:23:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	245353	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	230963	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	101056	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	78794	21.545	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.200%
7) Chloroethane-d5	2.805	69	72524	23.936	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.760%
11) 1,1-Dichloroethene-d2	3.922	65	32410	21.618	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.480%
21) 2-Butanone-d5	6.981	46	34968	45.412	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.820%
24) Chloroform-d	7.569	84	159668	22.914	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.640%
26) 1,2-Dichloroethane-d4	8.228	65	91026	24.090	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.360%
32) Benzene-d6	8.204	84	325462	24.503	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	9.210	67	107442	25.075	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.280%
41) Toluene-d8	10.269	98	285628	23.624	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.480%
43) trans-1,3-Dichloroprop...	10.522	79	42957	24.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.640%
47) 2-Hexanone-d5	10.875	63	30642	48.570	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.140%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	83124	24.219	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.880%
66) 1,2-Dichlorobenzene-d4	13.816	152	94142	26.882	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.520%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.934	85	4876	1.307 ug/L #	84
3) Chloromethane	2.152	50	4824	1.581 ug/L	86
5) Vinyl chloride	2.287	62	5927	1.547 ug/L	87
6) Bromomethane	2.699	94	4114	1.520 ug/L	100
8) Chloroethane	2.834	64	1839	0.754 ug/L	89
9) Trichlorofluoromethane	3.169	101	4364	0.681 ug/L #	16
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	2544	0.657 ug/L #	90
12) 1,1-Dichloroethene	3.940	96	3008	0.915 ug/L #	1
13) Acetone	4.028	43	1889	2.068 ug/L	69
14) Carbon disulfide	4.263	76	6672	0.608 ug/L	100
15) Methyl Acetate	4.563	43	1410	0.984 ug/L #	97
16) Methylene chloride	4.811	84	6710	1.648 ug/L	93
17) trans-1,2-Dichloroethene	5.316	96	4687	1.295 ug/L	98
18) Methyl tert-butyl Ether	5.305	73	2992	0.425 ug/L #	90
19) 1,1-Dichloroethane	6.105	63	8687	1.285 ug/L	89
20) cis-1,2-Dichloroethene	7.075	96	5060	1.282 ug/L #	88
22) 2-Butanone	7.087	43	1712	1.579 ug/L	98
23) Bromochloromethane	7.434	128	2677	1.365 ug/L	82
25) Chloroform	7.593	83	30204	3.864 ug/L	100

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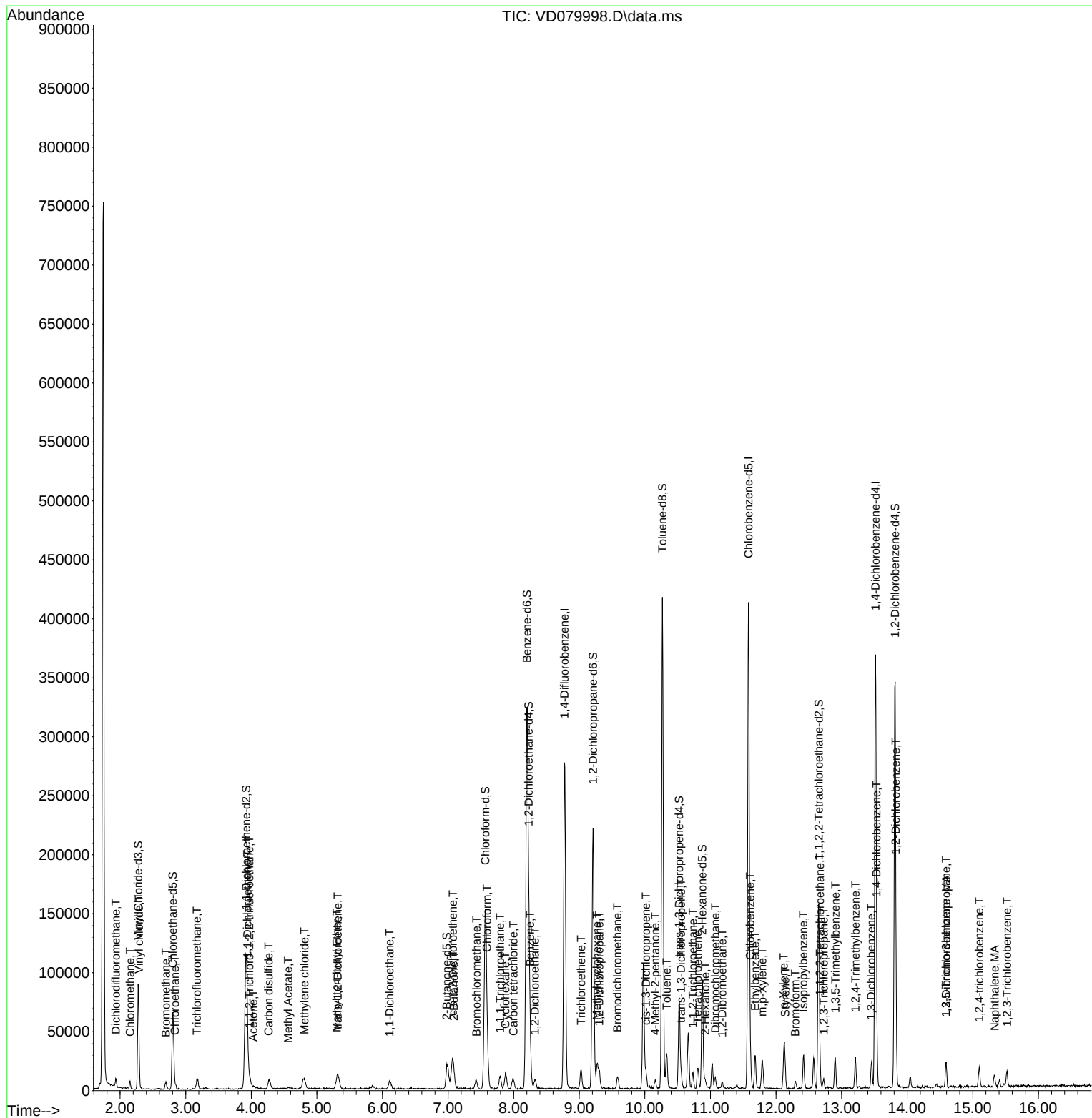
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	5933	1.300	ug/L #	90
29) Cyclohexane	7.875	56	5828	1.167	ug/L #	68
30) 1,1,1-Trichloroethane	7.793	97	8261	1.398	ug/L #	71
31) Carbon tetrachloride	7.999	117	6150	1.185	ug/L	89
33) Benzene	8.252	78	22469	1.557	ug/L	100
34) Trichloroethene	9.028	95	5337	1.379	ug/L	87
35) Methylcyclohexane	9.269	83	7251	1.282	ug/L	98
37) 1,2-Dichloropropane	9.304	63	5499	1.364	ug/L #	94
38) Bromodichloromethane	9.581	83	6826	1.329	ug/L	85
39) cis-1,3-Dichloropropene	10.016	75	7832	1.345	ug/L	92
40) 4-Methyl-2-pentanone	10.157	43	4559	2.395	ug/L #	74
42) Toluene	10.334	91	20728	1.315	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	7952	1.585	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	4055	1.320	ug/L	90
46) Tetrachloroethene	10.804	164	3718	1.129	ug/L	89
48) 2-Hexanone	10.922	43	3670	2.391	ug/L	99
49) Dibromochloromethane	11.075	129	4641	1.283	ug/L	74
50) 1,2-Dibromoethane	11.181	107	3978	1.419	ug/L #	99
51) Chlorobenzene	11.604	112	13490	1.305	ug/L	92
52) Ethylbenzene	11.681	91	19423	1.142	ug/L	93
53) m,p-Xylene	11.793	106	7027	1.101	ug/L	79
54) o-Xylene	12.116	106	7199	1.184	ug/L	93
55) Styrene	12.140	104	12017	1.098	ug/L	81
57) 1,1,2,2-Tetrachloroethane	12.669	83	5111	1.433	ug/L	90
59) Bromoform	12.293	173	2748	1.473	ug/L #	39
60) Isopropylbenzene	12.416	105	16652	1.205	ug/L	96
61) 1,2,3-Trichloropropane	12.728	75	3251	1.651	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.904	105	12779	1.178	ug/L	95
63) 1,2,4-Trimethylbenzene	13.210	105	12449	1.152	ug/L	95
64) 1,3-Dichlorobenzene	13.451	146	9097	1.342	ug/L	85
65) 1,4-Dichlorobenzene	13.534	146	10238	1.441	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	9247	1.476	ug/L	86
68) 1,2-Dibromo-3-chloropr...	14.592	75	1248	2.908	ug/L #	3
69) 1,3,5-Trichlorobenzene	14.592	180	6700	1.463	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	5340	1.384	ug/L	90
71) Naphthalene	15.334	128	8312	1.261	ug/L	95
72) 1,2,3-Trichlorobenzene	15.522	180	4676	1.372	ug/L #	90

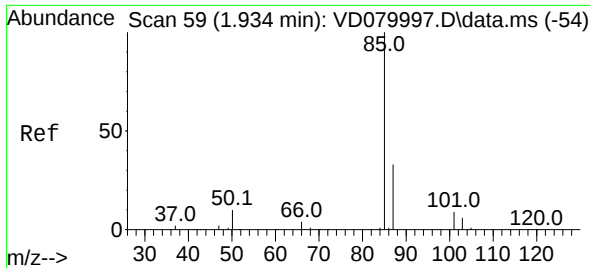
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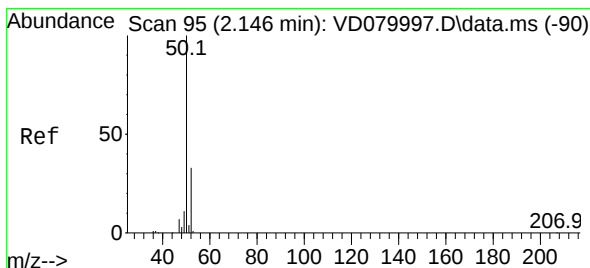
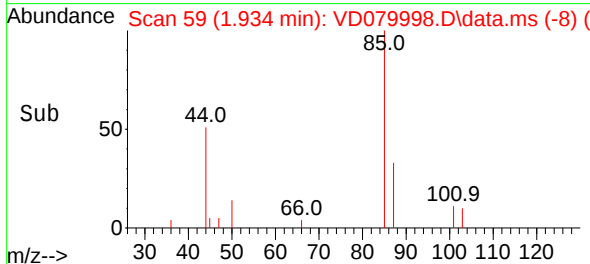
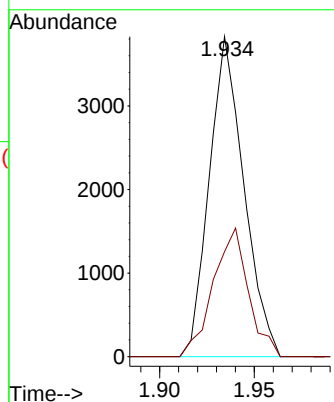
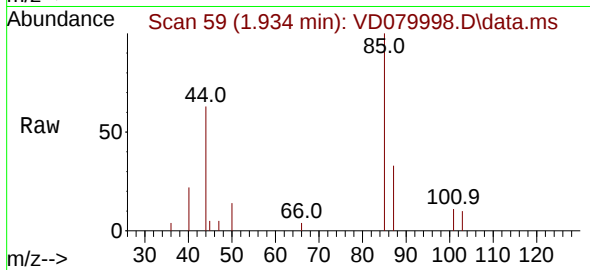




#2
Dichlorodifluoromethane
Concen: 1.307 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35

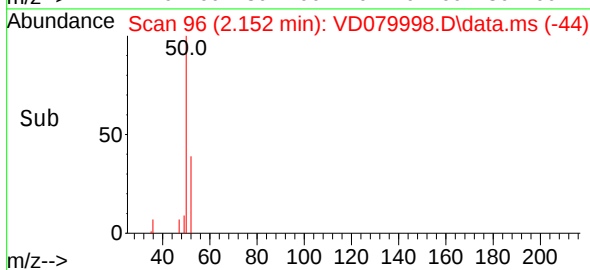
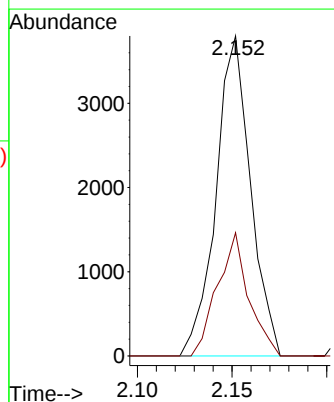
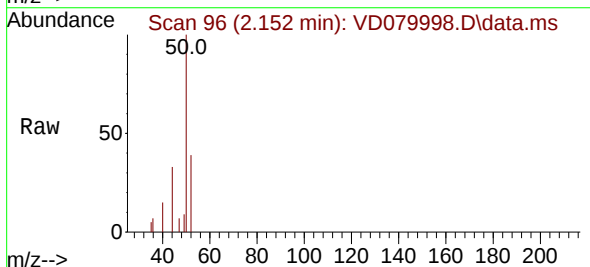
Instrument :
MSVOA_D
ClientSampleId :

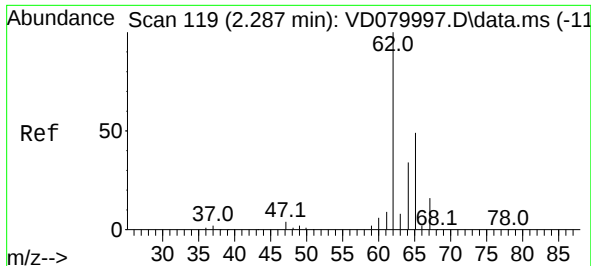
Tgt Ion: 85 Resp: 4876
Ion Ratio Lower Upper
85 100
87 40.7 25.4 38.2#



#3
Chloromethane
Concen: 1.581 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35

Tgt Ion: 50 Resp: 4824
Ion Ratio Lower Upper
50 100
52 38.5 21.6 40.0

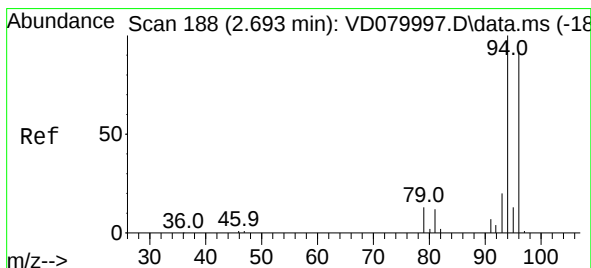
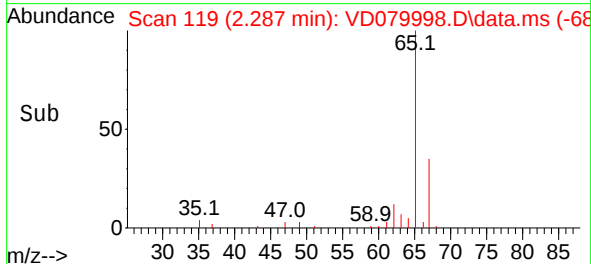
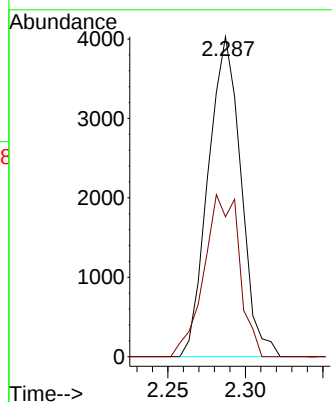
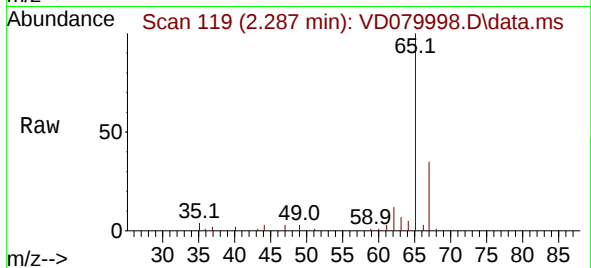




#5
 Vinyl chloride
 Concen: 1.547 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD079998.D
 Acq: 12 Nov 2024 15:35

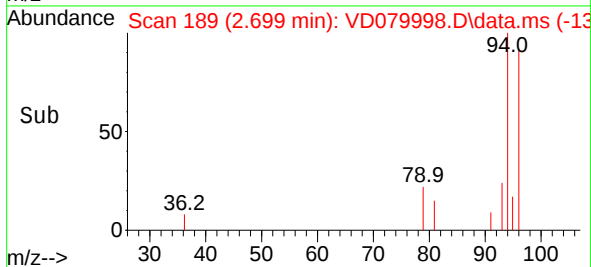
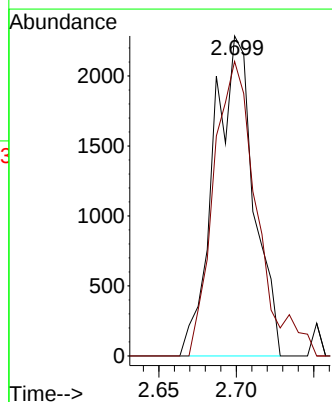
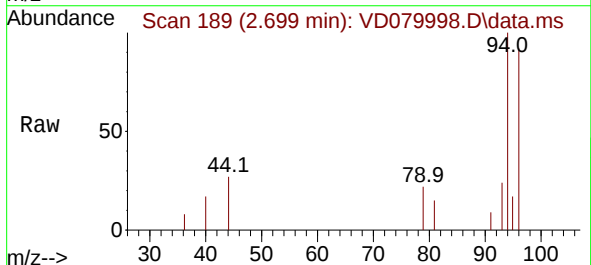
Instrument :
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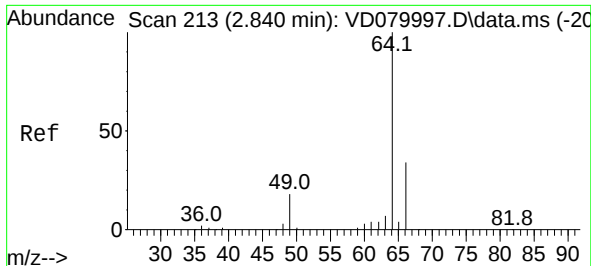
Tgt Ion: 62 Resp: 5927
 Ion Ratio Lower Upper
 62 100
 64 43.7 25.1 46.7



#6
 Bromomethane
 Concen: 1.520 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.006 min
 Lab File: VD079998.D
 Acq: 12 Nov 2024 15:35

Tgt Ion: 94 Resp: 4114
 Ion Ratio Lower Upper
 94 100
 96 92.0 64.5 119.7

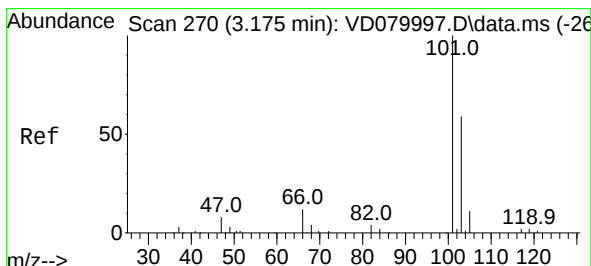
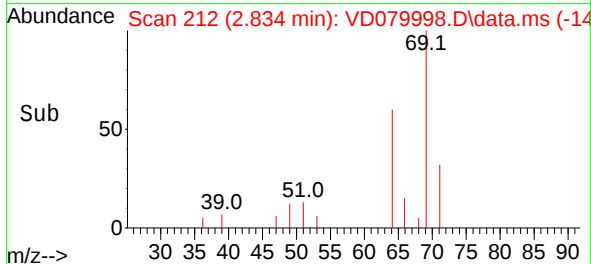
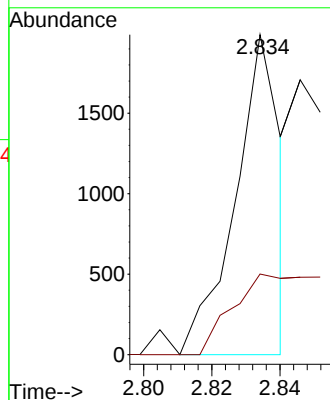
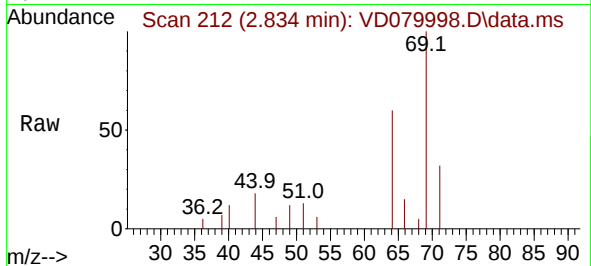




#8
Chloroethane
Concen: 0.754 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35

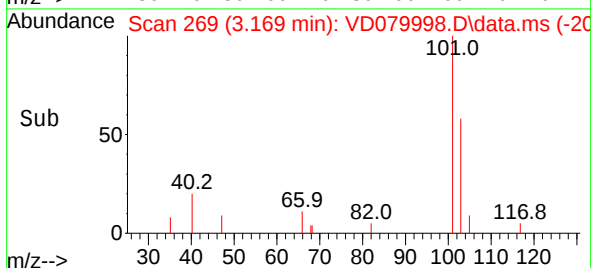
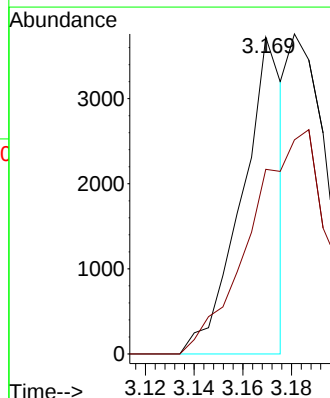
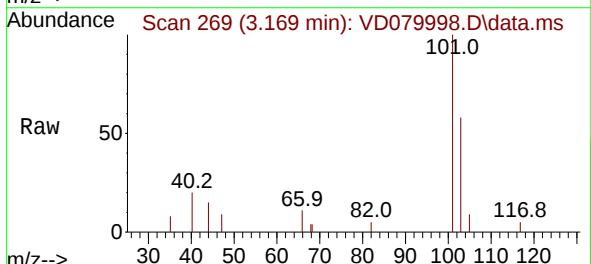
Instrument :
MSVOA_D
ClientSampleId :

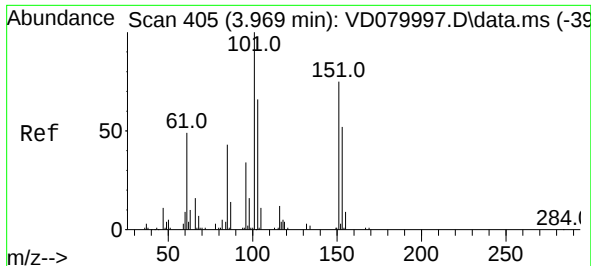
Tgt Ion: 64 Resp: 1839
Ion Ratio Lower Upper
64 100
66 25.2 21.7 40.3



#9
Trichlorofluoromethane
Concen: 0.681 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35

Tgt Ion:101 Resp: 4364
Ion Ratio Lower Upper
101 100
103 130.8 51.8 77.8#

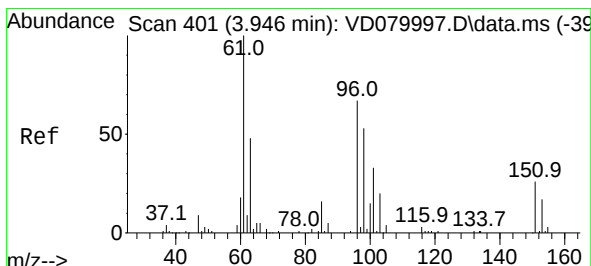
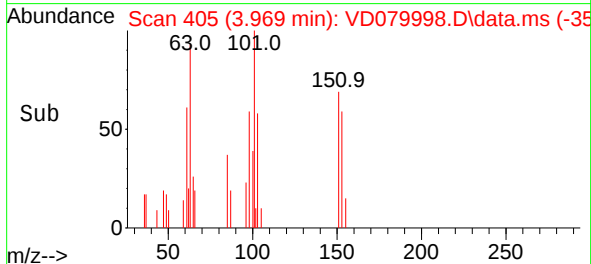
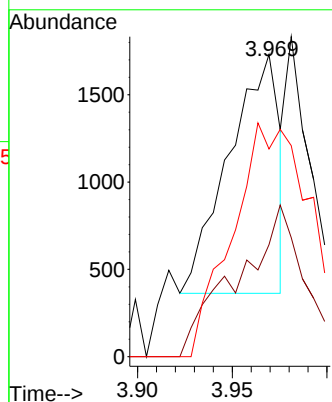
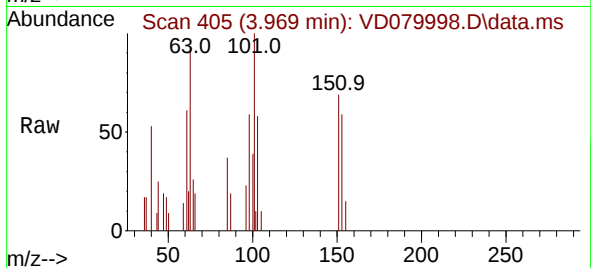




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.657 ug/L
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35

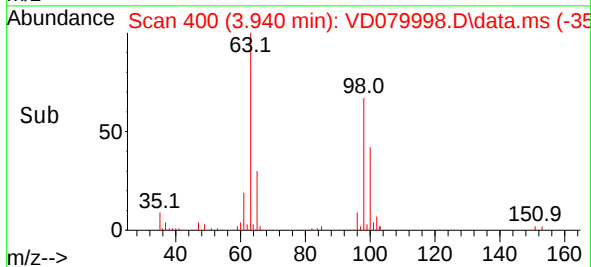
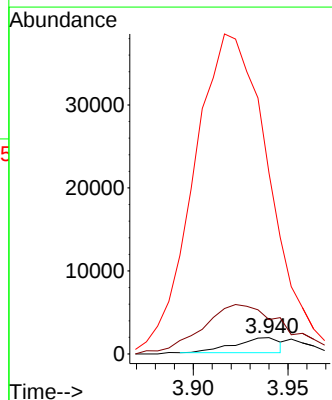
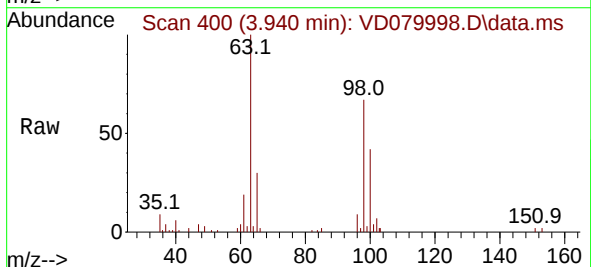
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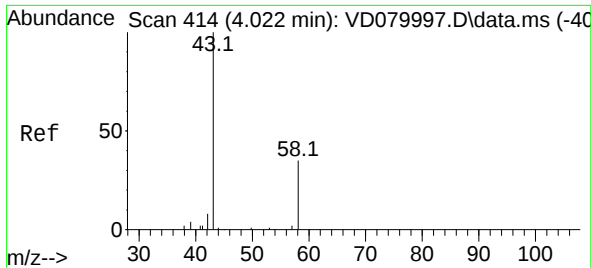
Tgt Ion:101 Resp: 2544
Ion Ratio Lower Upper
101 100
85 58.6 34.9 52.3#
151 77.6 60.7 91.1



#12
1,1-Dichloroethene
Concen: 0.915 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35

Tgt Ion: 96 Resp: 3008
Ion Ratio Lower Upper
96 100
61 211.0 111.2 206.6#
63 1112.7 78.9 146.5#





#13

Acetone

Concen: 2.068 ug/L

RT: 4.028 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

Instrument :

MSVOA_D

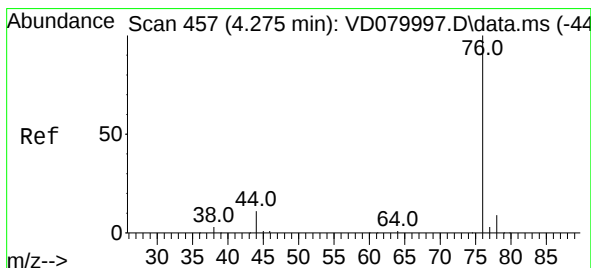
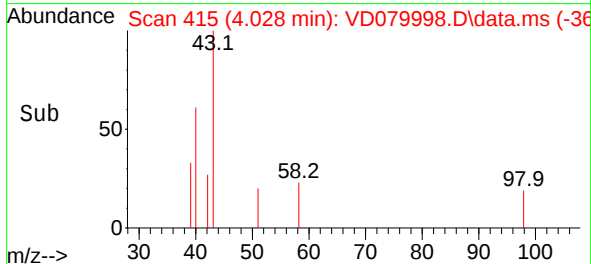
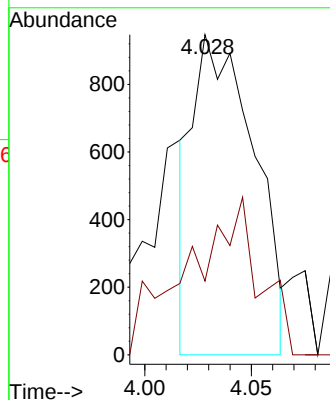
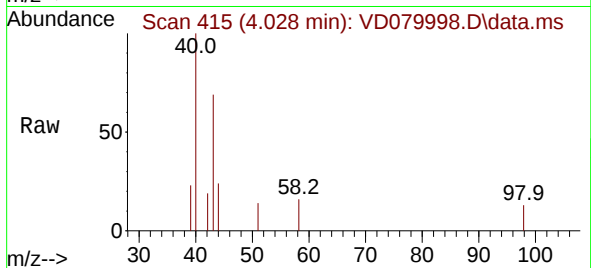
ClientSampleId :

Tgt Ion: 43 Resp: 1889

Ion Ratio Lower Upper

43 100

58 17.6 0.0 71.8



#14

Carbon disulfide

Concen: 0.608 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.012 min

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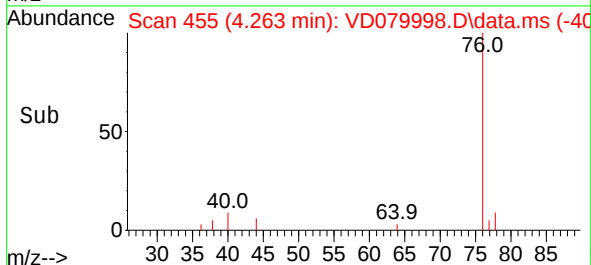
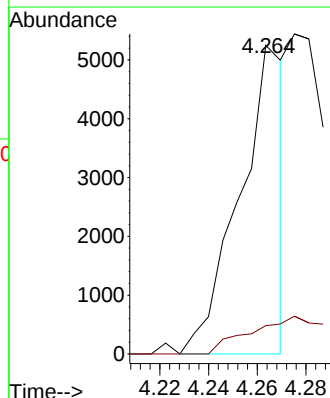
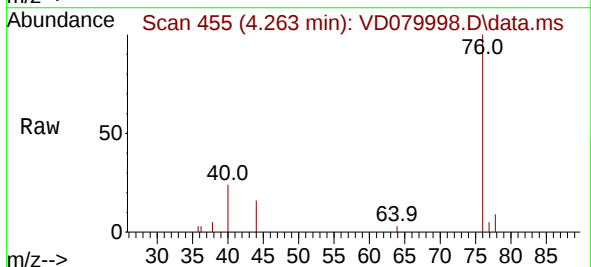
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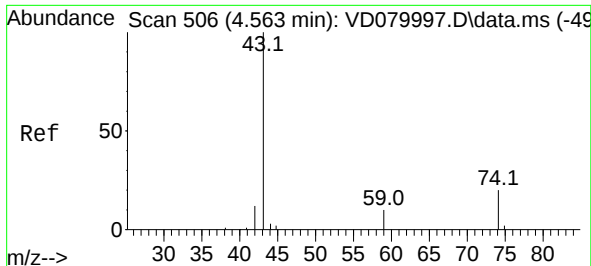
Tgt Ion: 76 Resp: 6672

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2





#15

Methyl Acetate

Concen: 0.984 ug/L

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

Instrument :

MSVOA_D

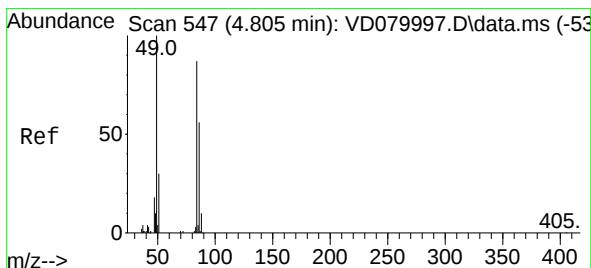
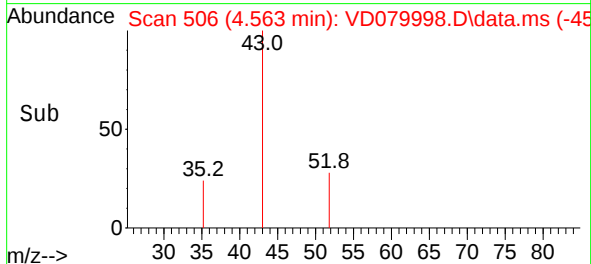
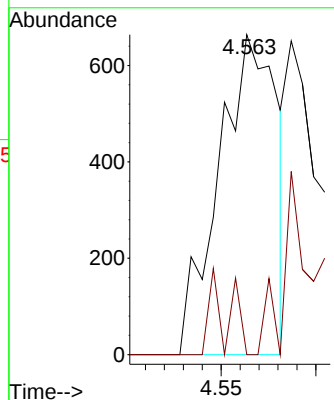
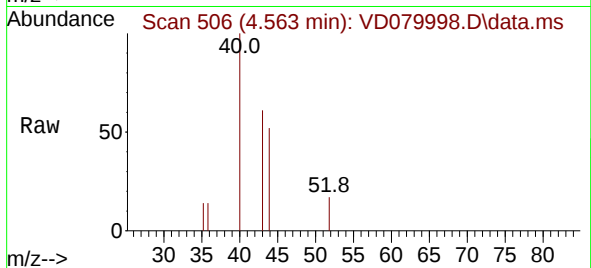
ClientSampleId :

Tgt Ion: 43 Resp: 1410

Ion Ratio Lower Upper

43 100

74 4.0 0.2 0.2#



#16

Methylene chloride

Concen: 1.648 ug/L

RT: 4.811 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

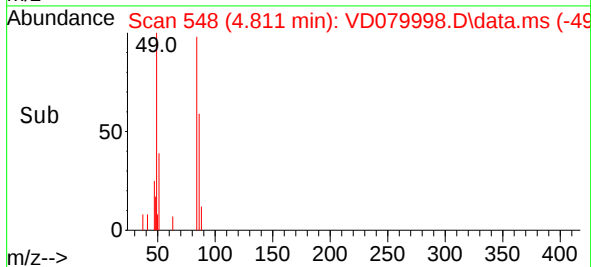
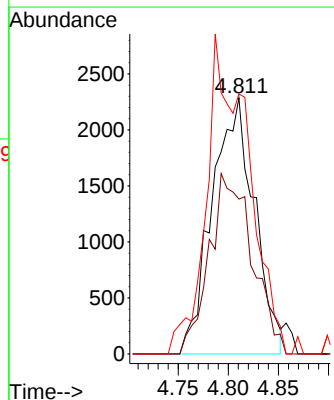
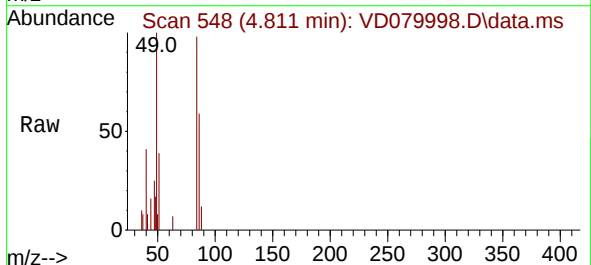
Tgt Ion: 84 Resp: 6710

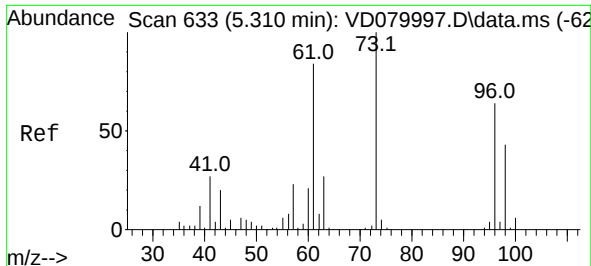
Ion Ratio Lower Upper

84 100

86 60.4 45.4 84.4

49 101.6 77.3 143.7





#17

trans-1,2-Dichloroethene

Concen: 1.295 ug/L

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

Instrument :

MSVOA_D

ClientSampleId :

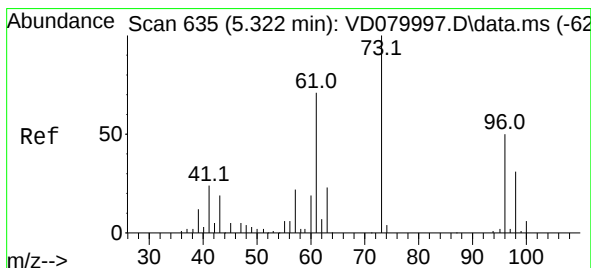
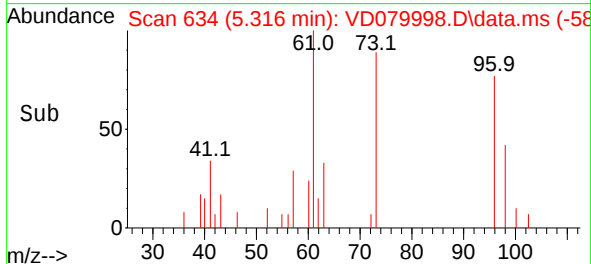
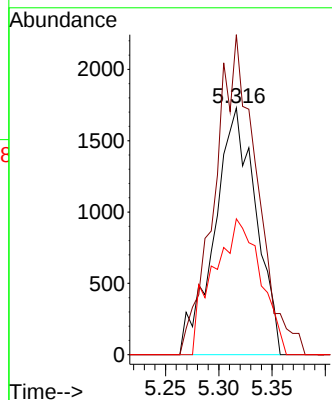
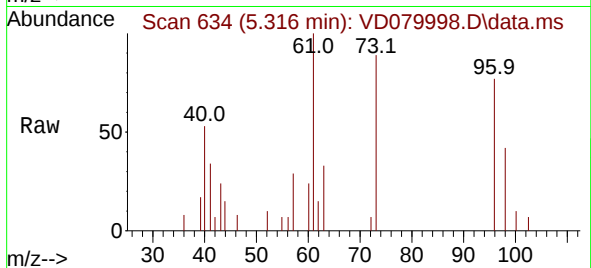
Tgt Ion: 96 Resp: 4687

Ion Ratio Lower Upper

96 100

61 129.7 91.1 169.3

98 55.0 41.6 77.2



#18

Methyl tert-butyl Ether

Concen: 0.425 ug/L

RT: 5.305 min Scan# 632

Delta R.T. -0.018 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

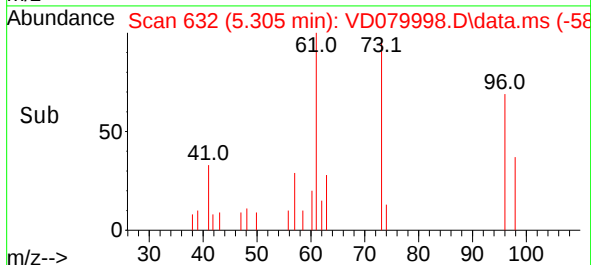
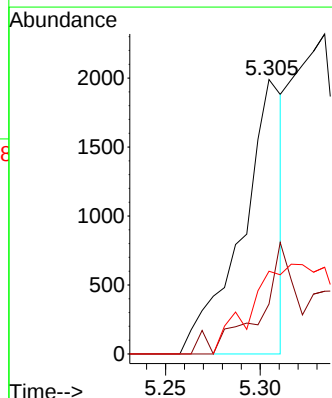
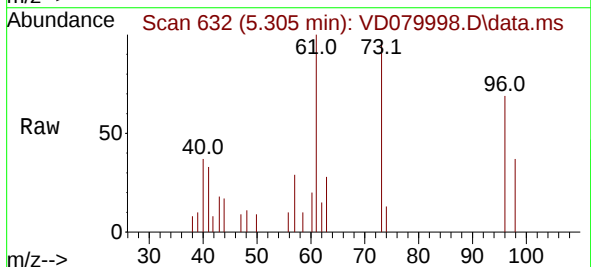
Tgt Ion: 73 Resp: 2992

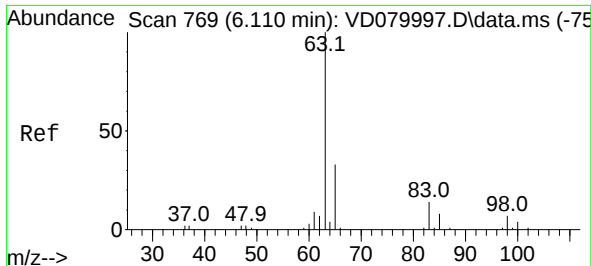
Ion Ratio Lower Upper

73 100

43 23.5 16.1 24.1

57 28.9 18.5 27.7#

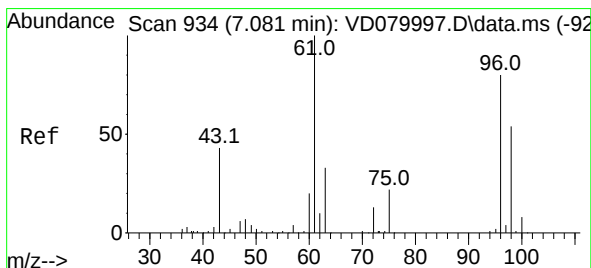
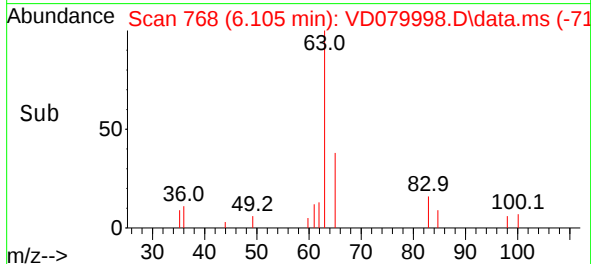
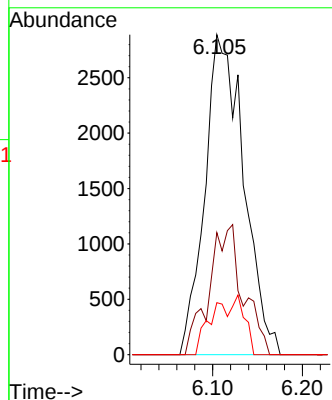
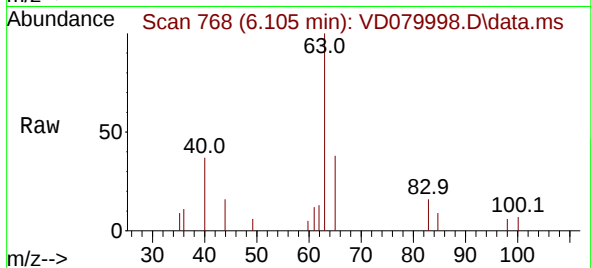




#19
1,1-Dichloroethane
Concen: 1.285 ug/L
RT: 6.105 min Scan# 768
Delta R.T. -0.006 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35

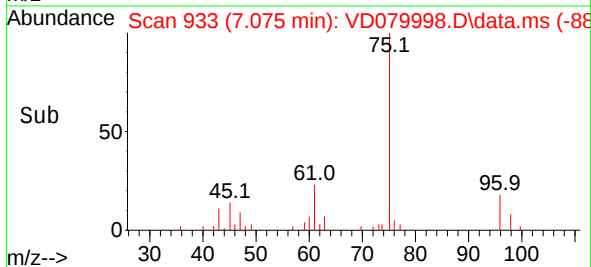
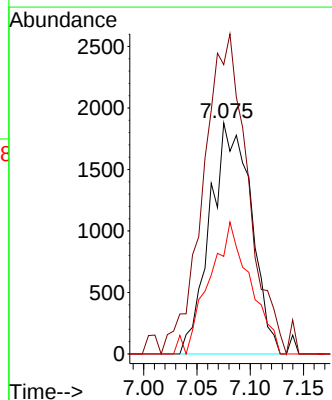
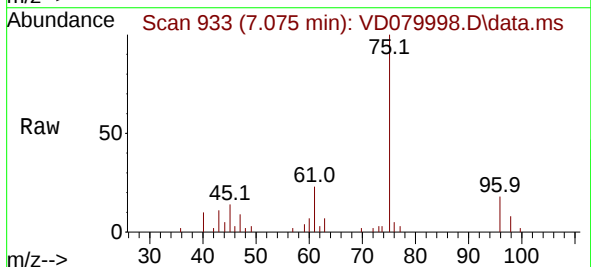
Instrument :
MSVOA_D
ClientSampleId :

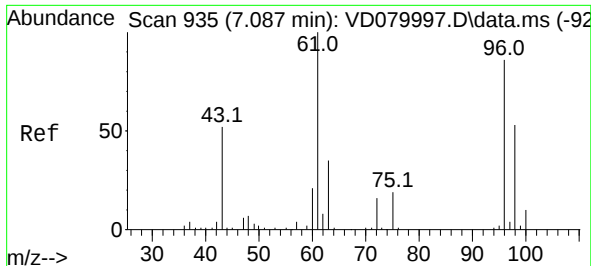
Tgt Ion: 63 Resp: 8687
Ion Ratio Lower Upper
63 100
65 38.1 21.9 40.7
83 16.2 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 1.282 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35

Tgt Ion: 96 Resp: 5060
Ion Ratio Lower Upper
96 100
61 125.2 84.8 157.4
98 42.3 44.4 82.5#





#22

2-Butanone

Concen: 1.579 ug/L

RT: 7.087 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

Instrument :

MSVOA_D

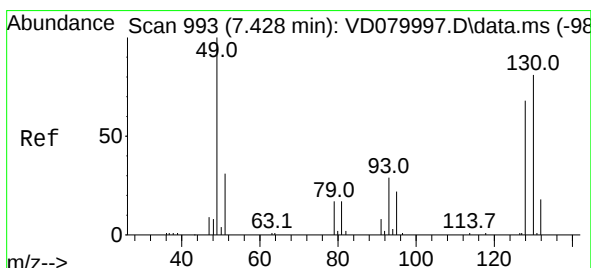
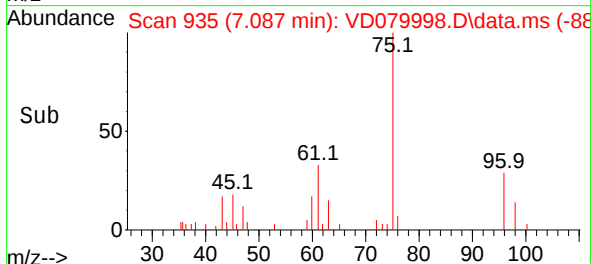
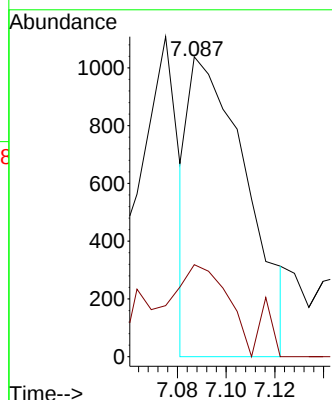
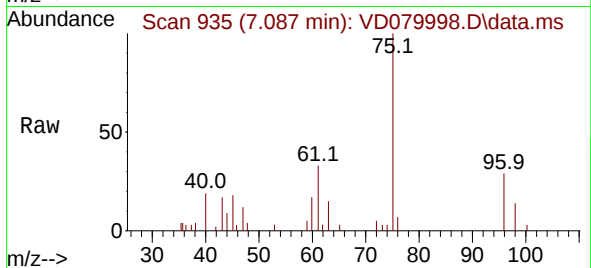
ClientSampleId :

Tgt Ion: 43 Resp: 1712

Ion Ratio Lower Upper

43 100

72 29.4 14.3 42.9



#23

Bromochloromethane

Concen: 1.365 ug/L

RT: 7.434 min Scan# 994

Delta R.T. 0.006 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

Tgt Ion: 128 Resp: 2677

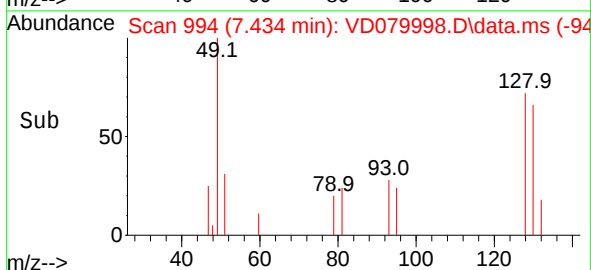
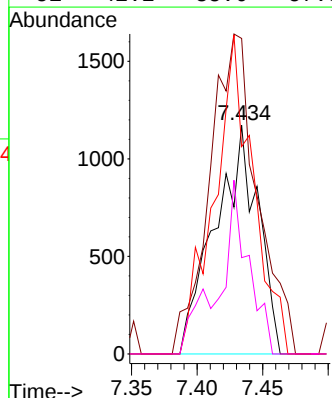
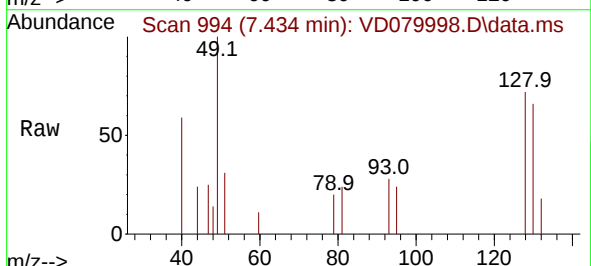
Ion Ratio Lower Upper

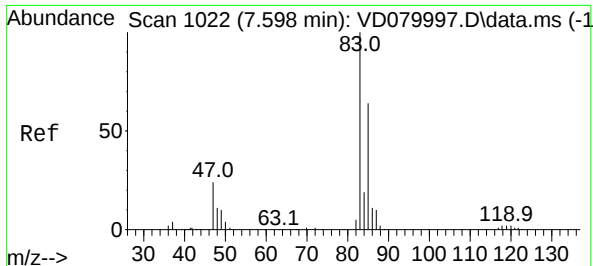
128 100

49 138.0 103.2 191.6

130 90.7 90.6 168.2

51 42.2 38.6 57.8

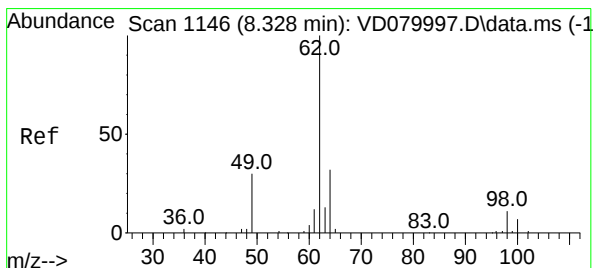
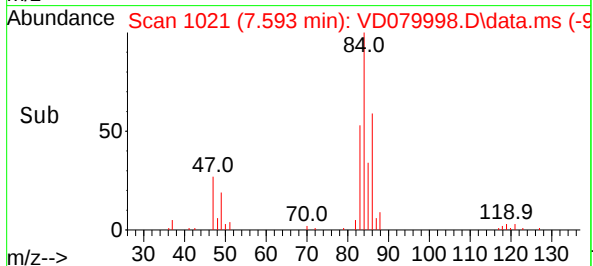
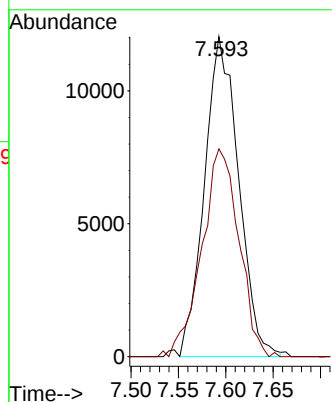
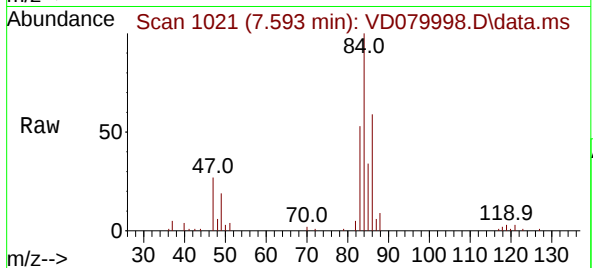




#25
Chloroform
Concen: 3.864 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35

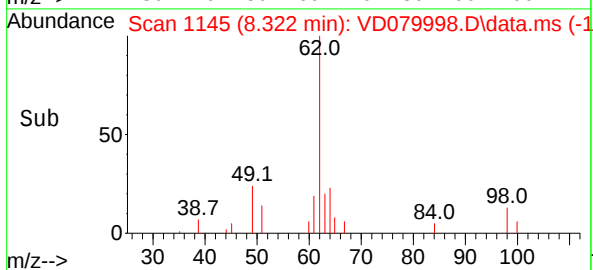
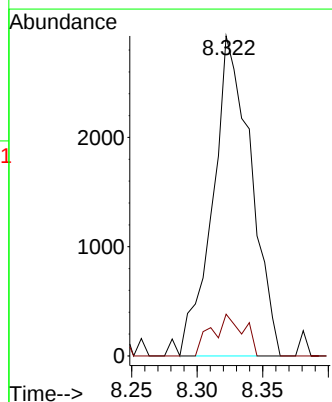
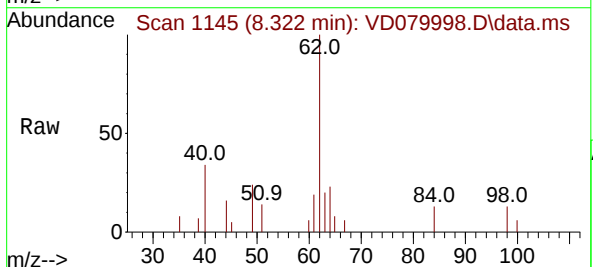
Instrument :
MSVOA_D
ClientSampleId :

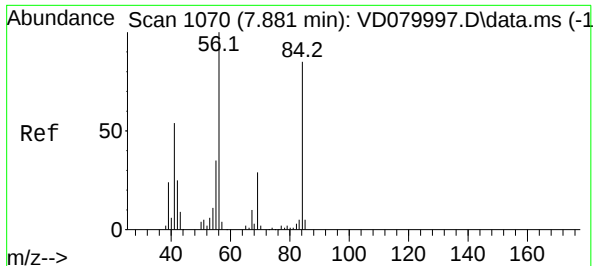
Tgt Ion: 83 Resp: 30204
Ion Ratio Lower Upper
83 100
85 64.9 45.6 84.6



#27
1,2-Dichloroethane
Concen: 1.300 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35

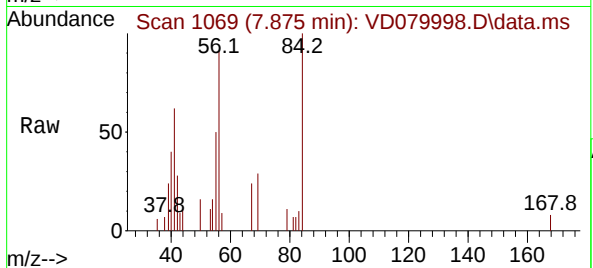
Tgt Ion: 62 Resp: 5933
Ion Ratio Lower Upper
62 100
98 13.0 7.5 11.3#



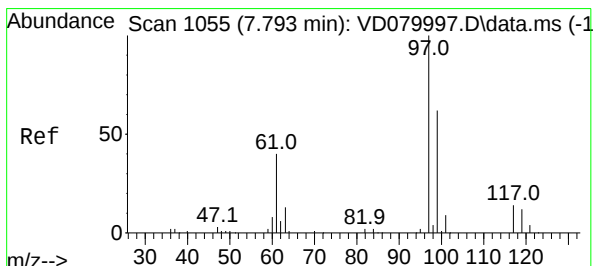
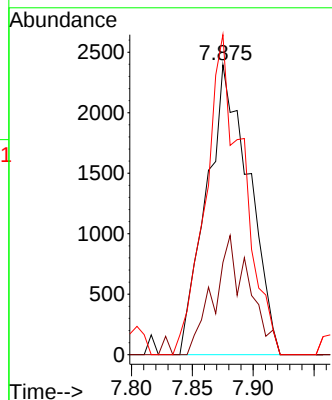
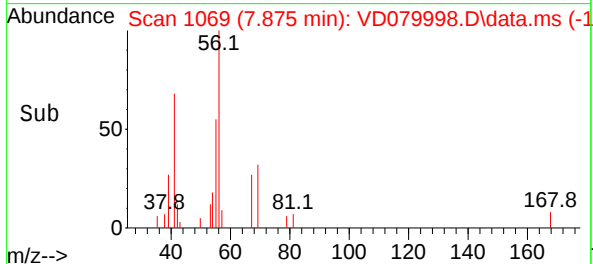


#29
Cyclohexane
Concen: 1.167 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35

Instrument :
MSVOA_D
ClientSampleId :

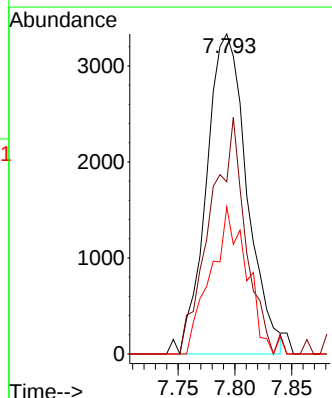
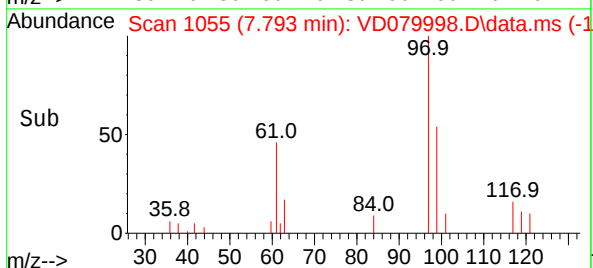
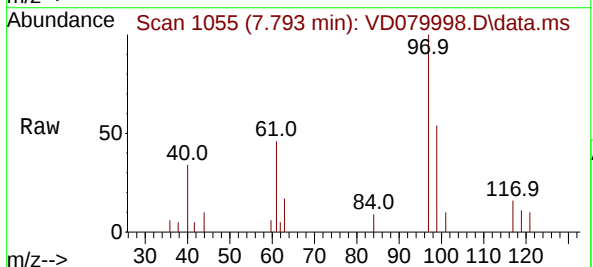


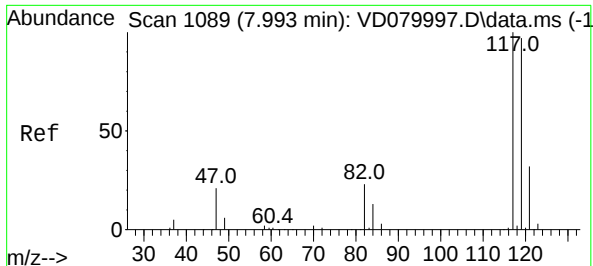
Tgt Ion: 56 Resp: 5828
Ion Ratio Lower Upper
56 100
69 7.9 25.6 38.4#
84 63.2 71.0 106.6#



#30
1,1,1-Trichloroethane
Concen: 1.398 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35

Tgt Ion: 97 Resp: 8261
Ion Ratio Lower Upper
97 100
99 28.5 51.5 77.3#
61 40.3 34.3 51.5





#31

Carbon tetrachloride

Concen: 1.185 ug/L

RT: 7.999 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

Instrument :

MSVOA_D

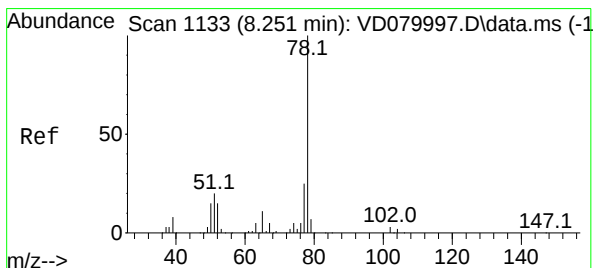
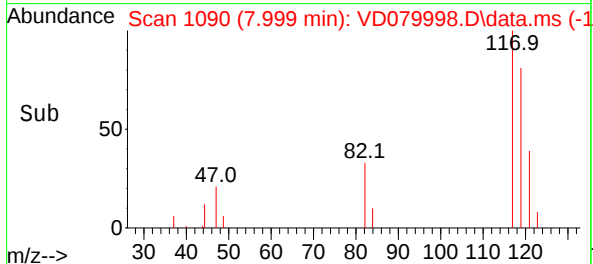
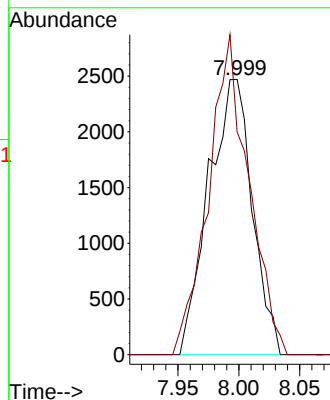
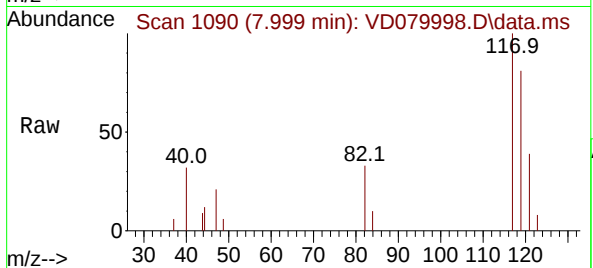
ClientSampleId :

Tgt Ion:117 Resp: 6150

Ion Ratio Lower Upper

117 100

119 107.1 76.8 115.2



#33

Benzene

Concen: 1.557 ug/L

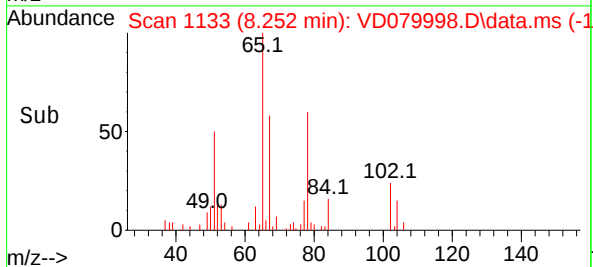
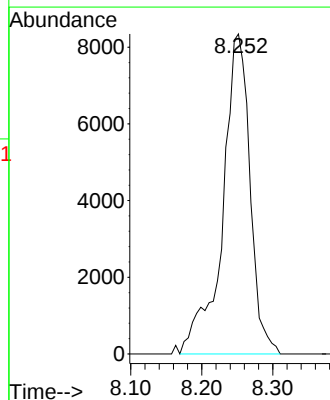
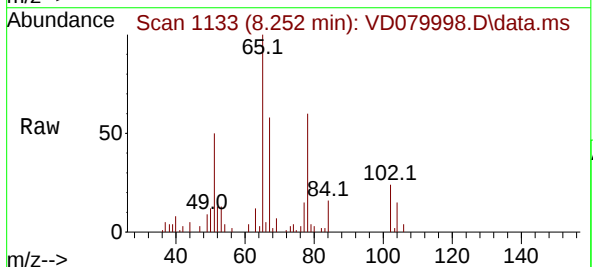
RT: 8.252 min Scan# 1133

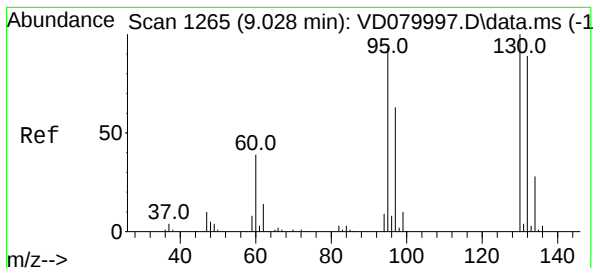
Delta R.T. 0.000 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

Tgt Ion: 78 Resp: 22469





#34

Trichloroethene

Concen: 1.379 ug/L

RT: 9.028 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 5337

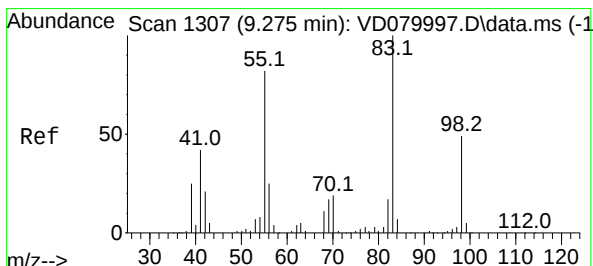
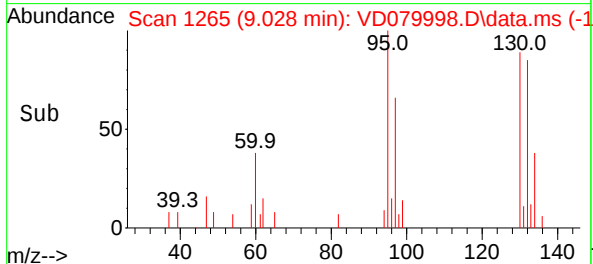
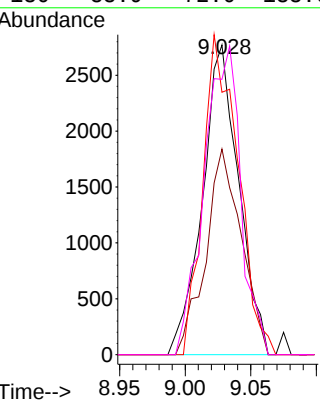
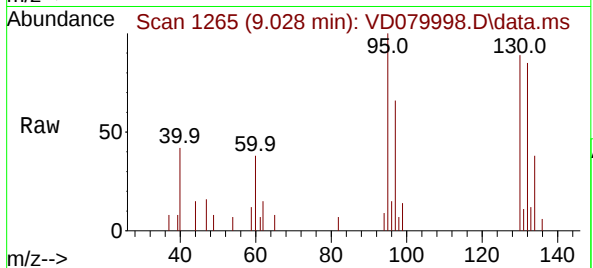
Ion Ratio Lower Upper

95 100

97 66.4 47.7 88.5

132 84.7 72.8 135.2

130 88.9 72.0 133.6



#35

Methylcyclohexane

Concen: 1.282 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

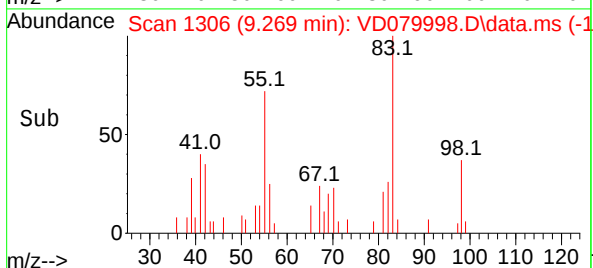
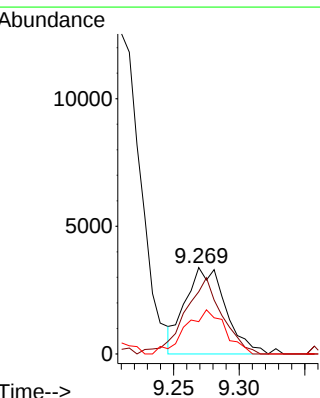
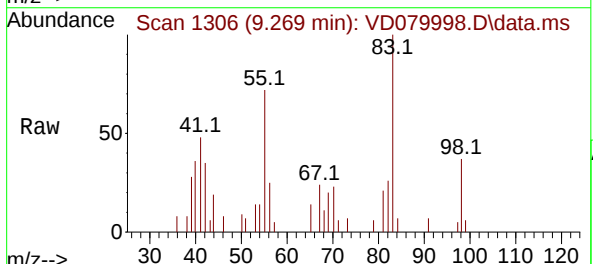
Tgt Ion: 83 Resp: 7251

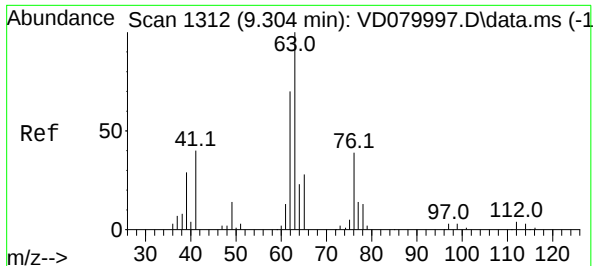
Ion Ratio Lower Upper

83 100

55 79.5 61.2 91.8

98 47.7 38.2 57.2

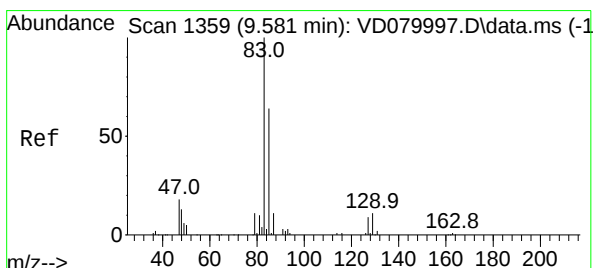
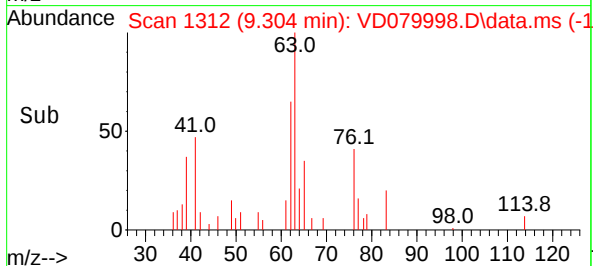
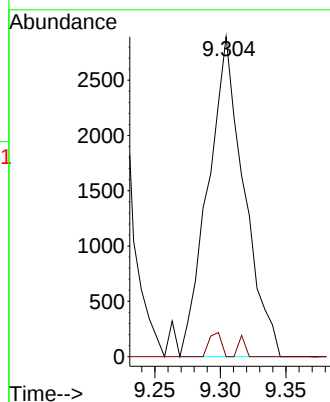
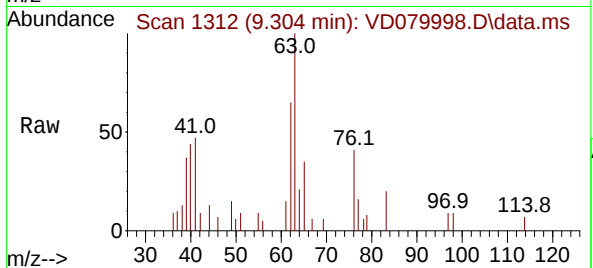




#37
1,2-Dichloropropane
Concen: 1.364 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35

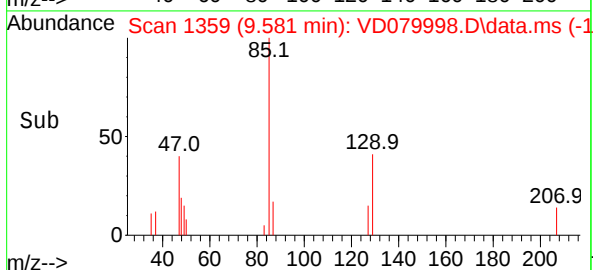
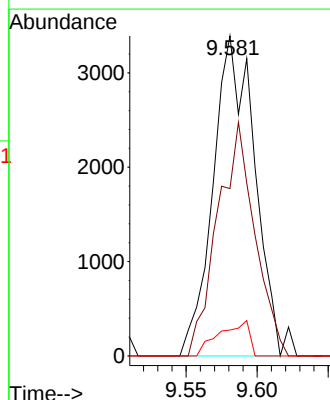
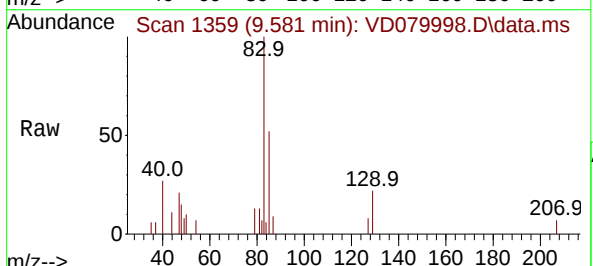
Instrument :
MSVOA_D
ClientSampleId :

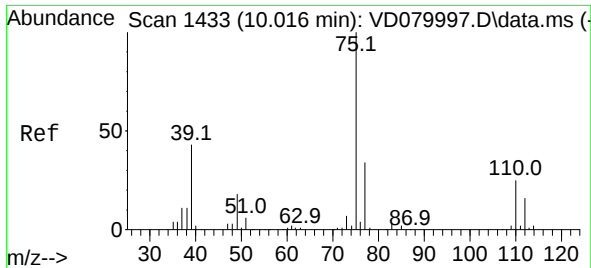
Tgt Ion: 63 Resp: 5499
Ion Ratio Lower Upper
63 100
112 2.6 3.8 5.6#



#38
Bromodichloromethane
Concen: 1.329 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35

Tgt Ion: 83 Resp: 6826
Ion Ratio Lower Upper
83 100
85 52.3 46.0 85.4
127 8.1 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 1.345 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

Instrument :

MSVOA_D

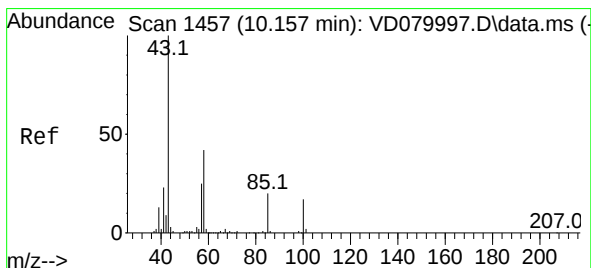
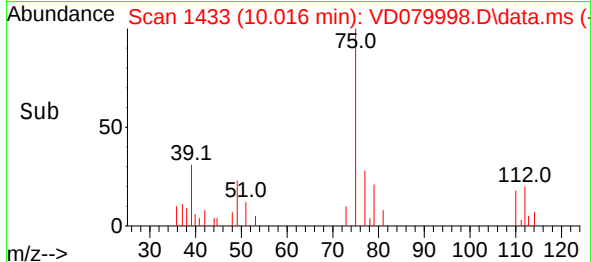
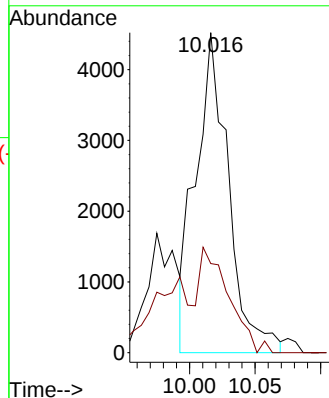
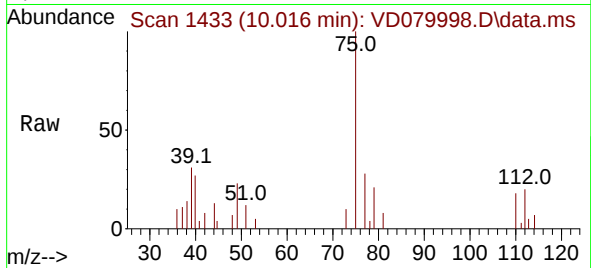
ClientSampleId :

Tgt Ion: 75 Resp: 7832

Ion Ratio Lower Upper

75 100

77 27.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 2.395 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

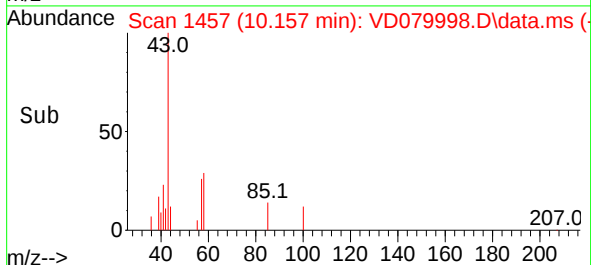
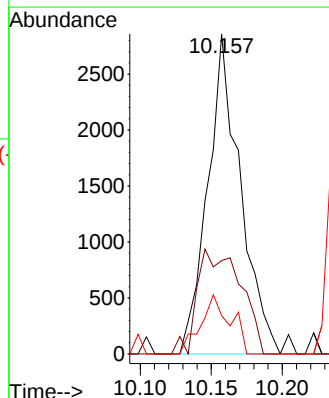
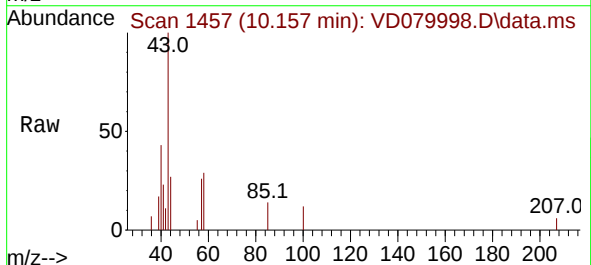
Tgt Ion: 43 Resp: 4559

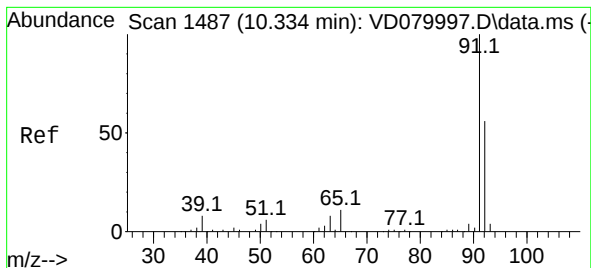
Ion Ratio Lower Upper

43 100

58 17.8 31.5 47.3#

100 13.9 12.7 19.1





#42

Toluene

Concen: 1.315 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

Instrument :

MSVOA_D

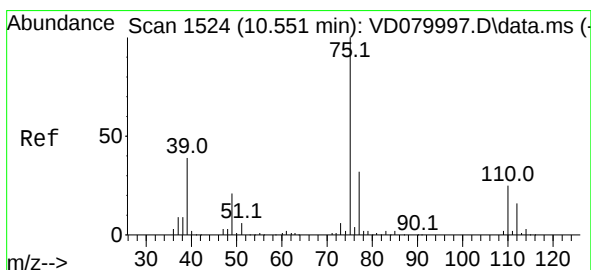
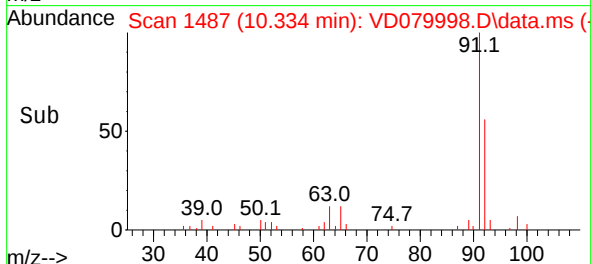
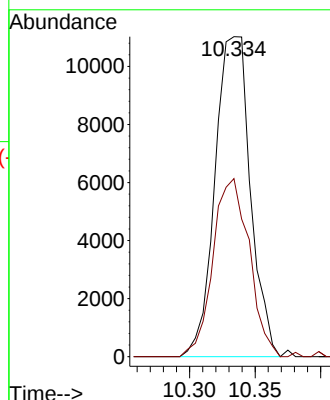
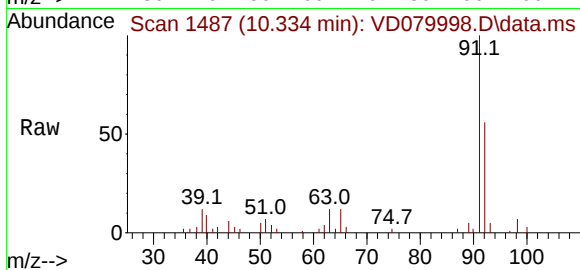
ClientSampleId :

Tgt Ion: 91 Resp: 20728

Ion Ratio Lower Upper

91 100

92 55.6 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 1.585 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079998.D

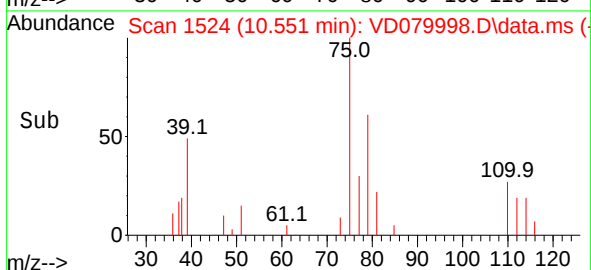
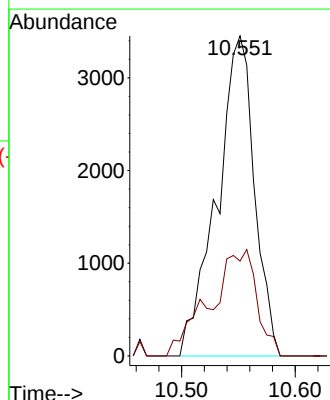
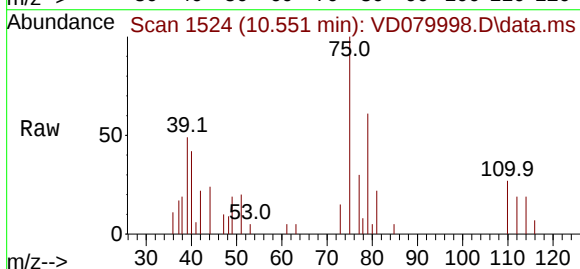
Acq: 12 Nov 2024 15:35

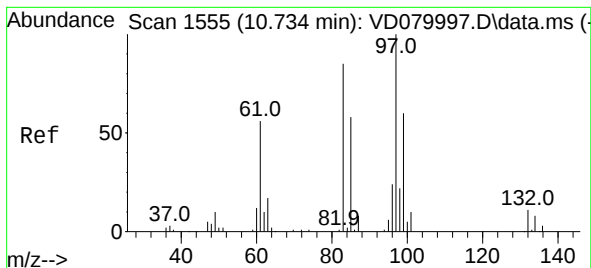
Tgt Ion: 75 Resp: 7952

Ion Ratio Lower Upper

75 100

77 29.6 21.0 39.0





#45

1,1,2-Trichloroethane

Concen: 1.320 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

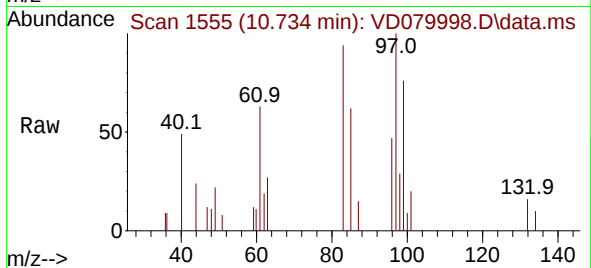
Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 4055

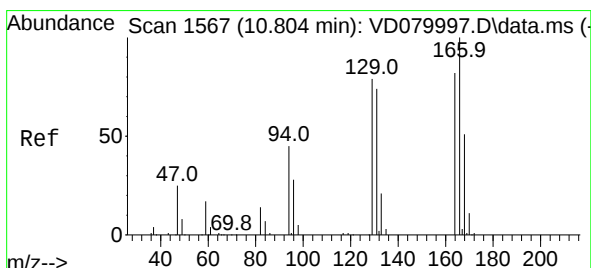
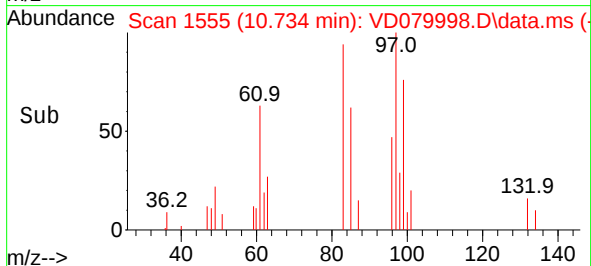
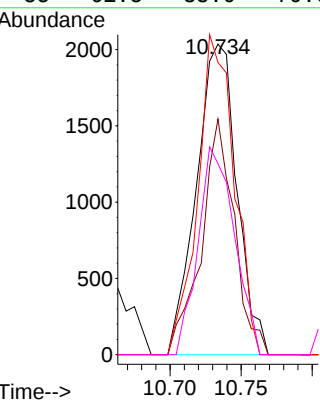
Ion	Ratio	Lower	Upper
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97	100		
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99	75.8	45.2	84.0
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83	94.2	61.5	114.3
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85	61.5	38.0	70.6
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#46

Tetrachloroethene

Concen: 1.129 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

Tgt Ion:164 Resp: 3718

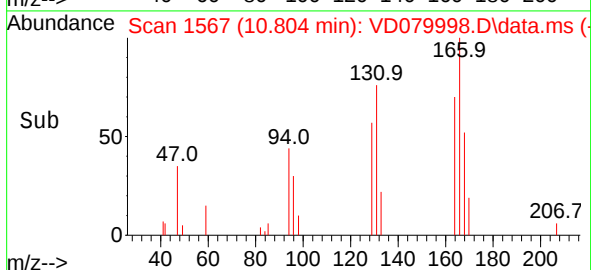
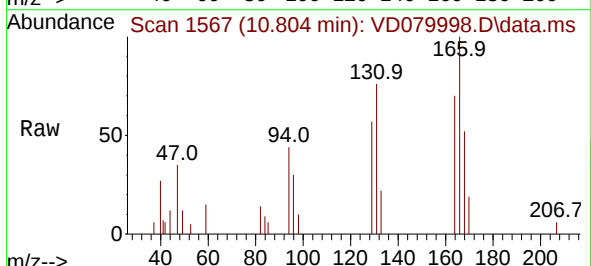
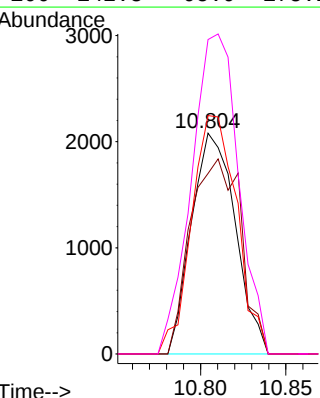
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

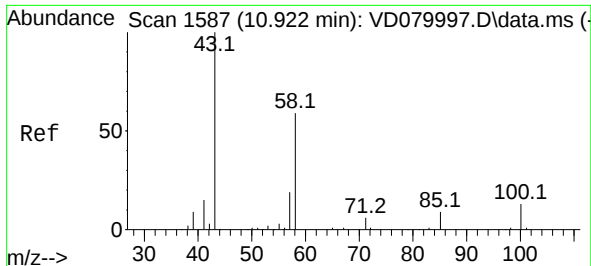
164	100		
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129	81.7	69.1	128.3
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131	107.9	65.4	121.4
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166	142.3	95.9	178.1
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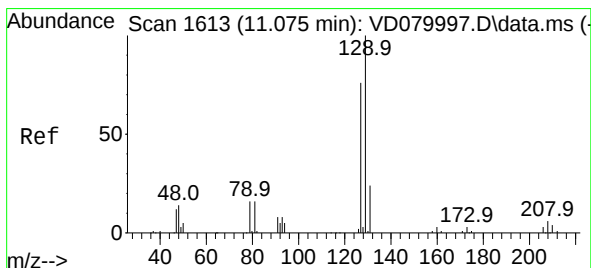
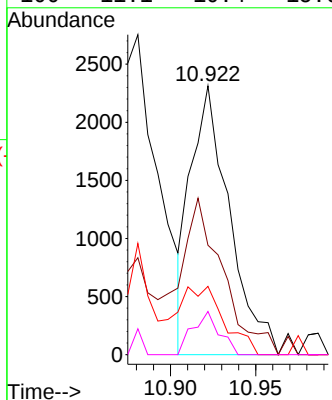
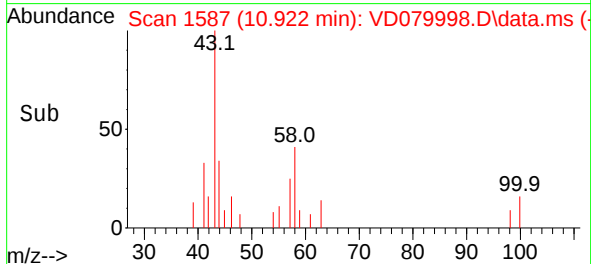
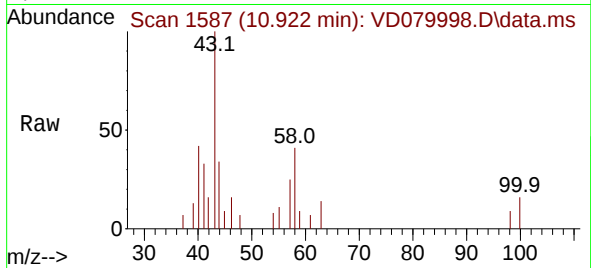




#48
2-Hexanone
Concen: 2.391 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35

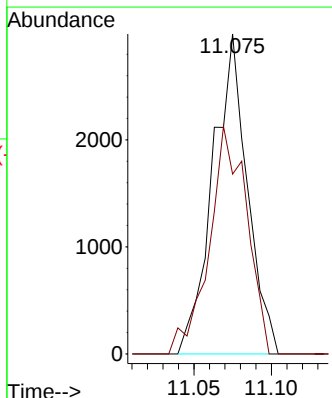
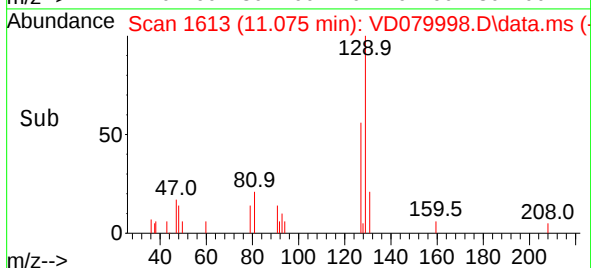
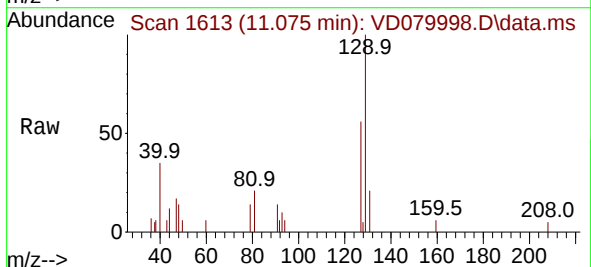
Instrument :
MSVOA_D
ClientSampleId :

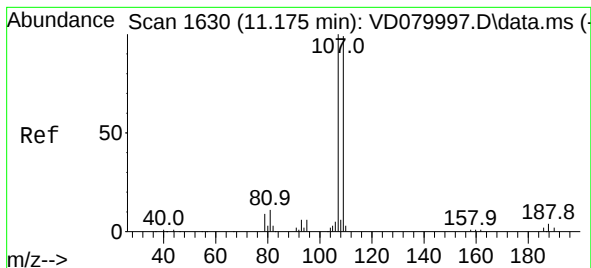
Tgt Ion:	43	Resp:	3670
Ion	Ratio	Lower	Upper
43	100		
58	57.6	45.9	68.9
57	18.7	15.2	22.8
100	11.1	10.4	15.6



#49
Dibromochloromethane
Concen: 1.283 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35

Tgt Ion:	129	Resp:	4641
Ion	Ratio	Lower	Upper
129	100		
127	56.2	54.9	102.1





#50

1,2-Dibromoethane

Concen: 1.419 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD079998.D

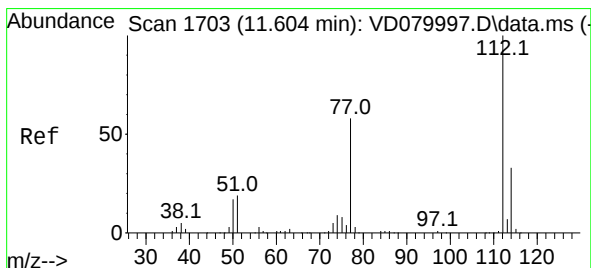
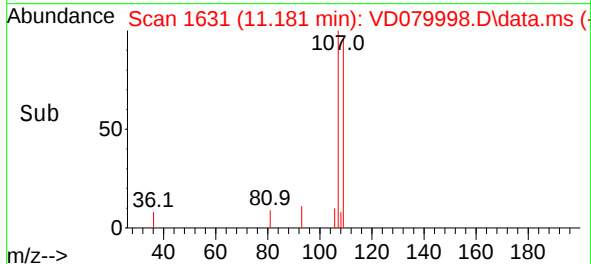
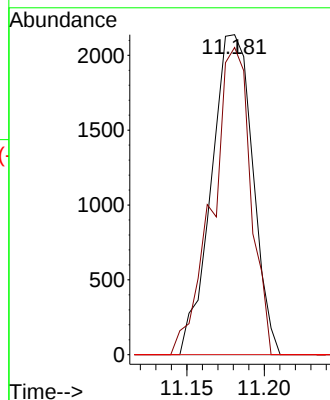
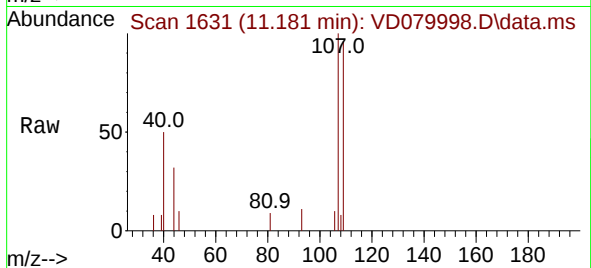
Acq: 12 Nov 2024 15:35

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	3978
Ion	Ratio	Lower	Upper
107	100		
109	96.0	66.6	123.8
188	0.0	2.8	4.2#



#51

Chlorobenzene

Concen: 1.305 ug/L

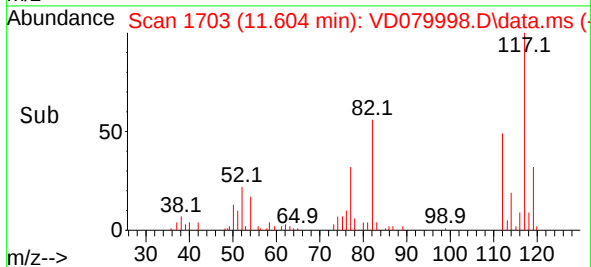
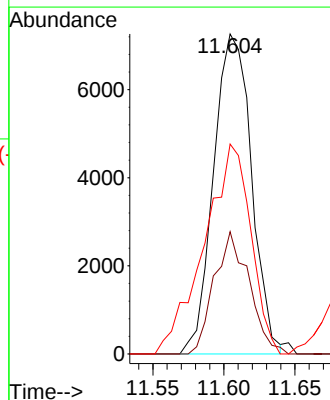
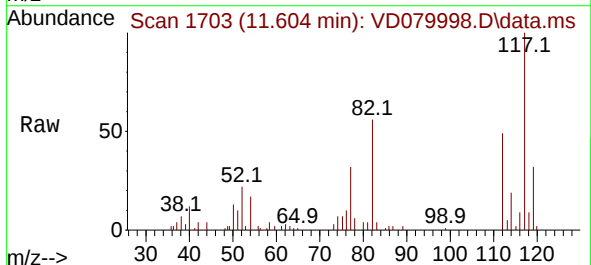
RT: 11.604 min Scan# 1703

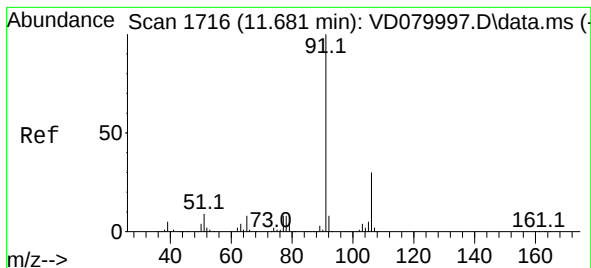
Delta R.T. 0.000 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

Tgt Ion:	112	Resp:	13490
Ion	Ratio	Lower	Upper
112	100		
114	38.2	21.8	40.4
77	65.6	49.1	73.7





#52

Ethylbenzene

Concen: 1.142 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

Instrument :

MSVOA_D

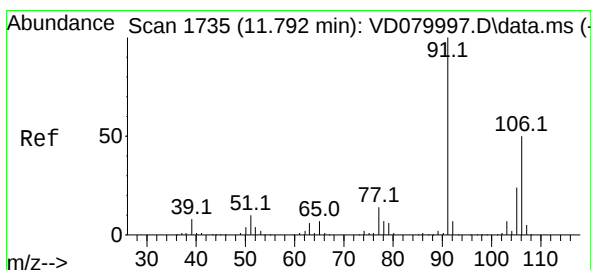
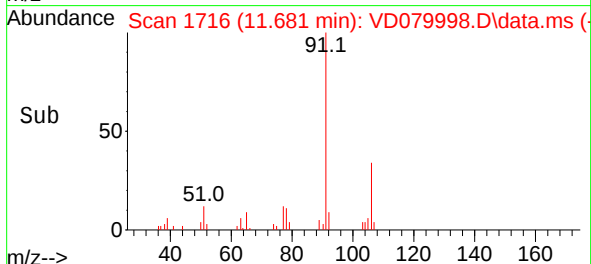
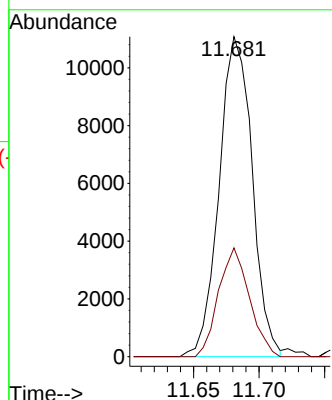
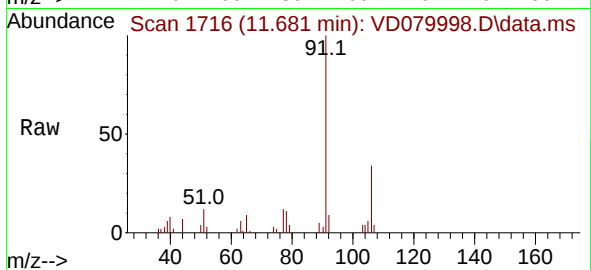
ClientSampleId :

Tgt Ion: 91 Resp: 19423

Ion Ratio Lower Upper

91 100

106 34.0 21.2 39.4



#53

m,p-Xylene

Concen: 1.101 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD079998.D

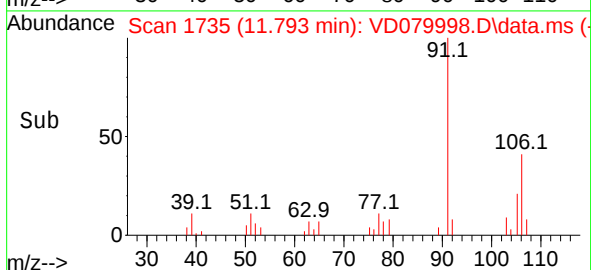
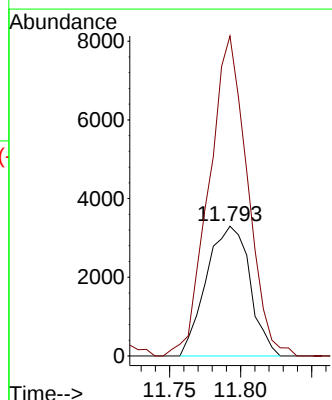
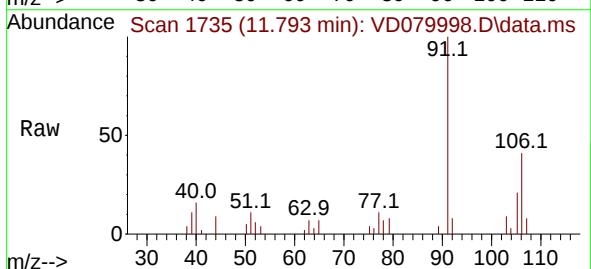
Acq: 12 Nov 2024 15:35

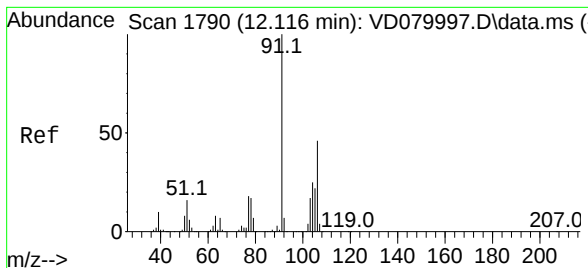
Tgt Ion:106 Resp: 7027

Ion Ratio Lower Upper

106 100

91 246.6 149.3 277.3

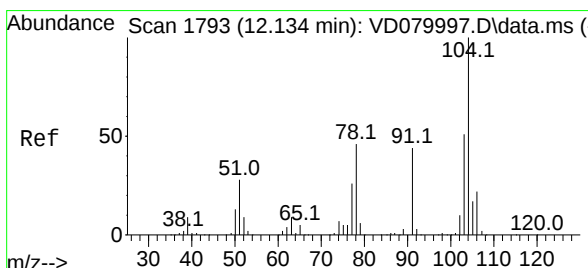
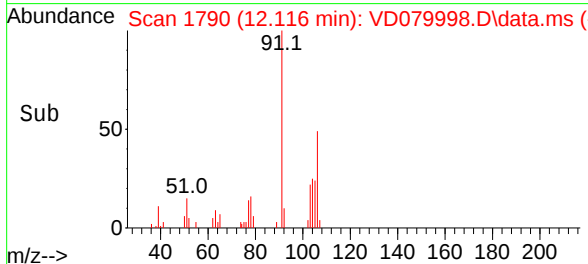
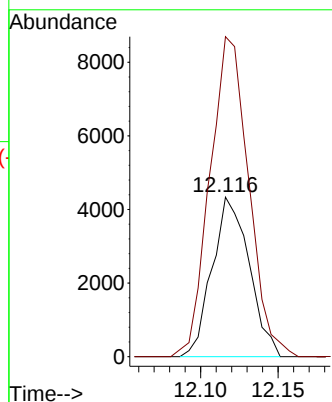
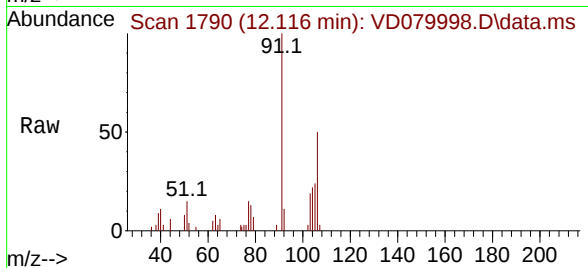




#54
o-Xylene
Concen: 1.184 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35

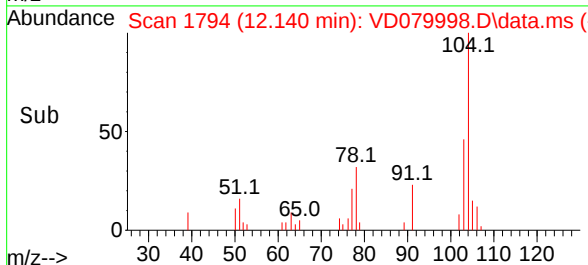
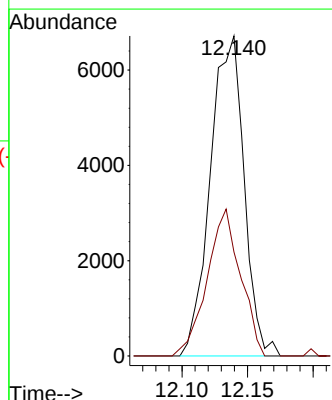
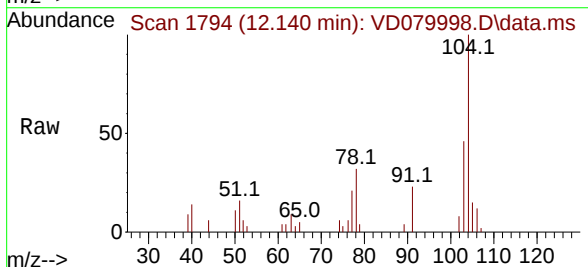
Instrument :
MSVOA_D
ClientSampleId :

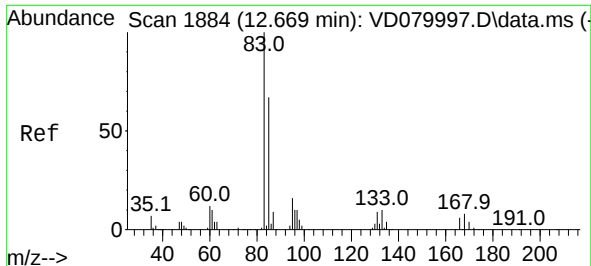
Tgt Ion:106 Resp: 7199
Ion Ratio Lower Upper
106 100
91 200.6 148.0 274.8



#55
Styrene
Concen: 1.098 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35

Tgt Ion:104 Resp: 12017
Ion Ratio Lower Upper
104 100
78 32.5 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 1.433 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079998.D

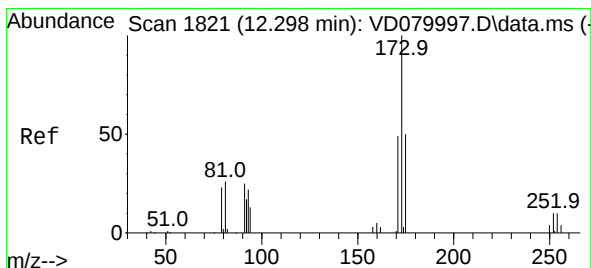
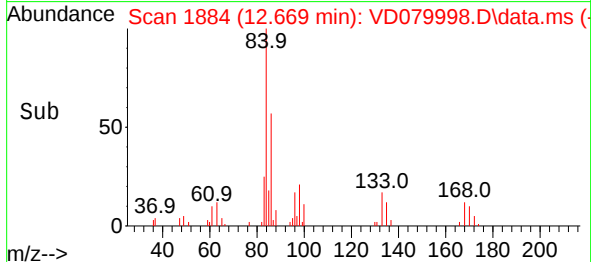
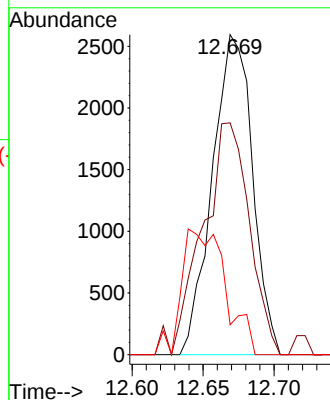
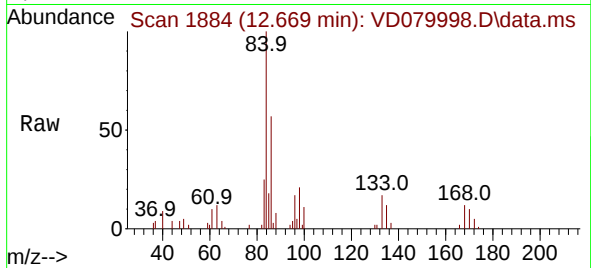
Acq: 12 Nov 2024 15:35

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	5111
Ion	Ratio	Lower	Upper
83	100		
85	72.4	44.4	82.4
131	9.3	8.6	13.0



#59

Bromoform

Concen: 1.473 ug/L

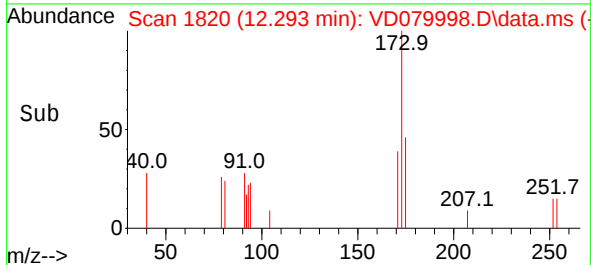
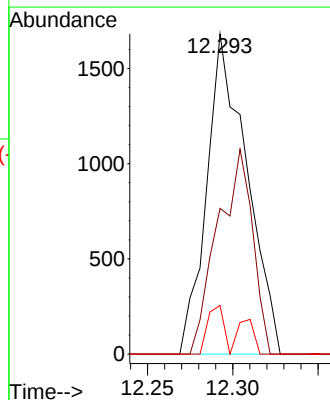
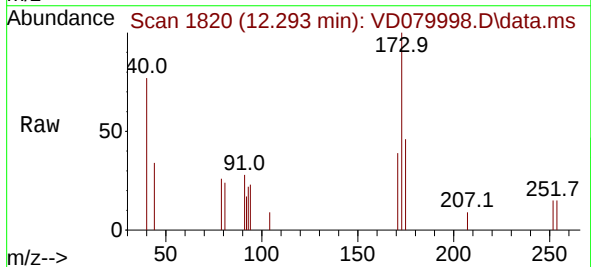
RT: 12.293 min Scan# 1820

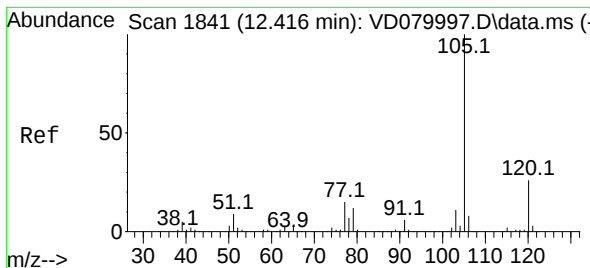
Delta R.T. -0.006 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

Tgt Ion:	173	Resp:	2748
Ion	Ratio	Lower	Upper
173	100		
175	0.0	39.0	58.6#
254	6.1	8.3	12.5#





#60

Isopropylbenzene

Concen: 1.205 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD079998.D

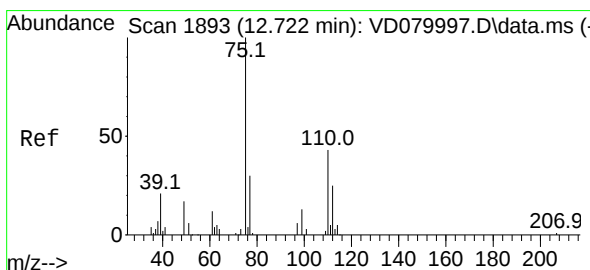
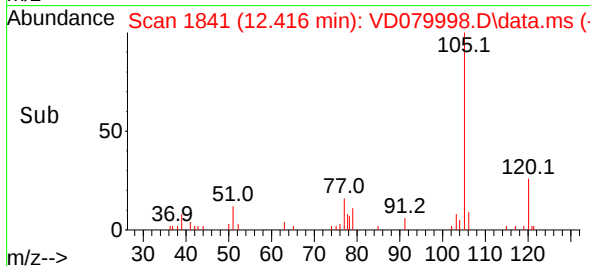
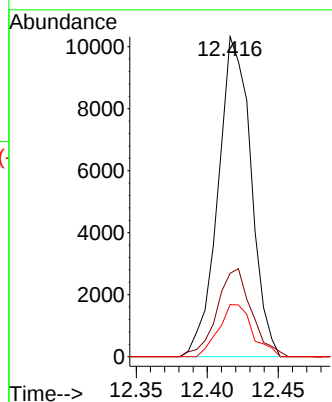
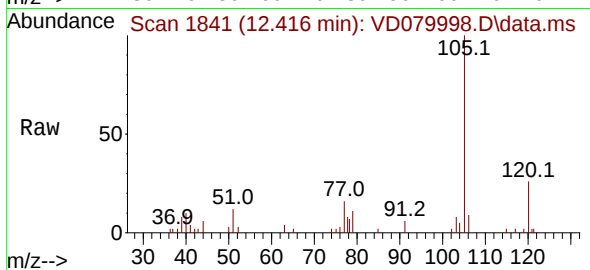
Acq: 12 Nov 2024 15:35

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:105	Resp:	16652
Ion Ratio	Lower	Upper
105	100	
120	28.8	21.3 31.9
77	16.6	12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 1.651 ug/L

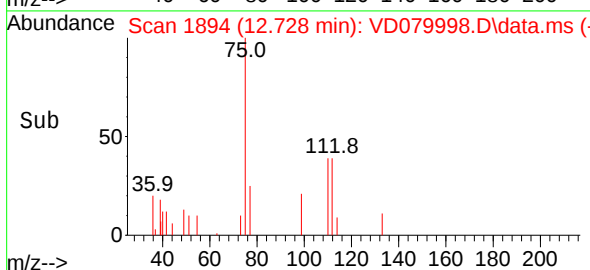
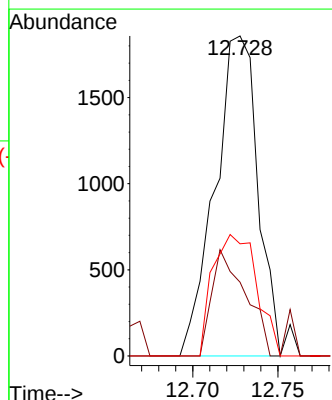
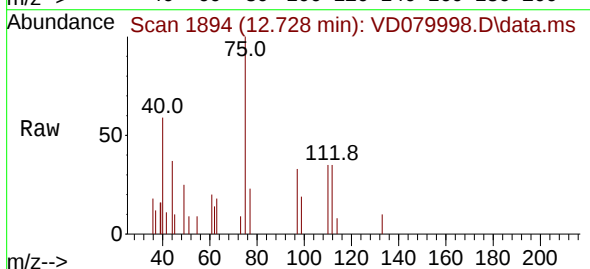
RT: 12.728 min Scan# 1894

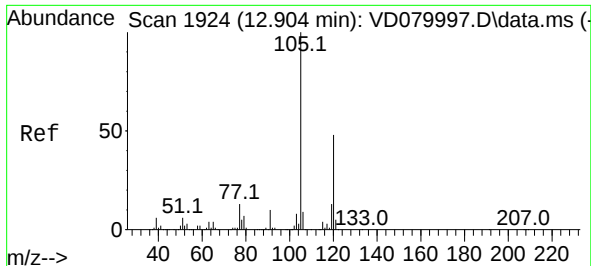
Delta R.T. 0.006 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

Tgt Ion: 75	Resp:	3251
Ion Ratio	Lower	Upper
75	100	
77	26.2	26.3 39.5#
110	39.0	30.2 45.2





#62

1,3,5-Trimethylbenzene

Concen: 1.178 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

Instrument :

MSVOA_D

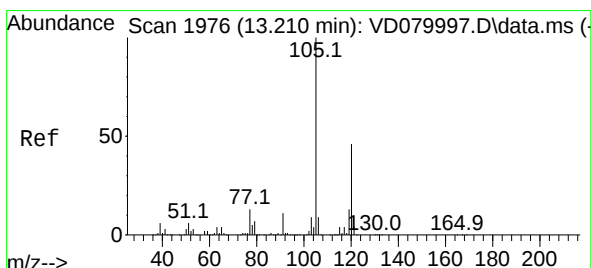
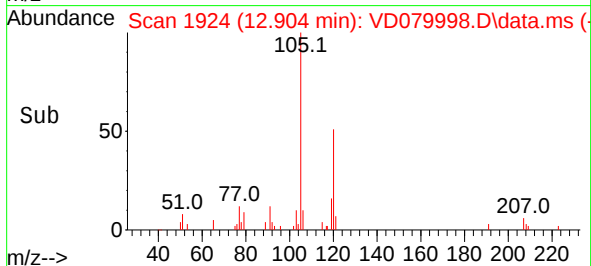
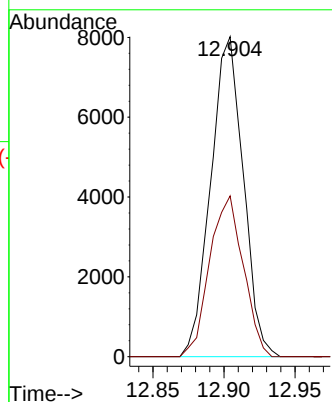
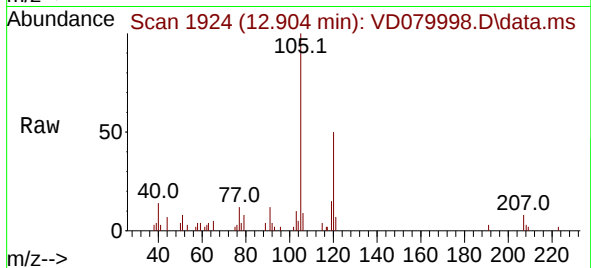
ClientSampleId :

Tgt Ion:105 Resp: 12779

Ion Ratio Lower Upper

105 100

120 52.0 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 1.152 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD079998.D

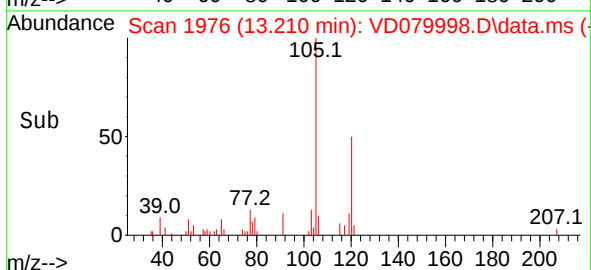
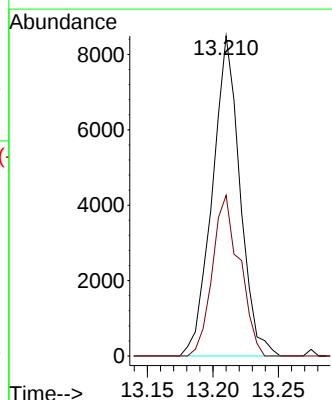
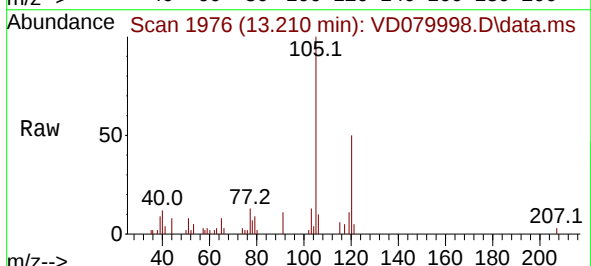
Acq: 12 Nov 2024 15:35

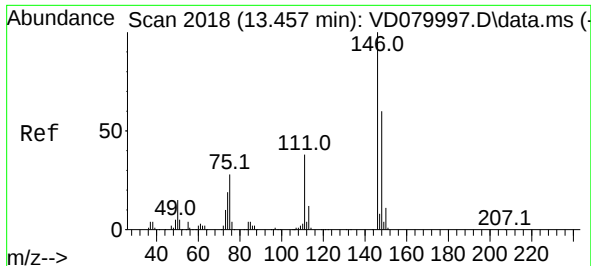
Tgt Ion:105 Resp: 12449

Ion Ratio Lower Upper

105 100

120 49.4 36.8 55.2





#64

1,3-Dichlorobenzene

Concen: 1.342 ug/L

RT: 13.451 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

Instrument :

MSVOA_D

ClientSampleId :

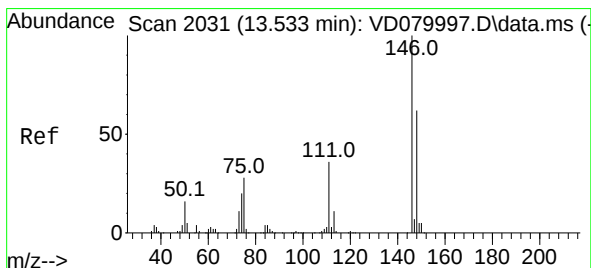
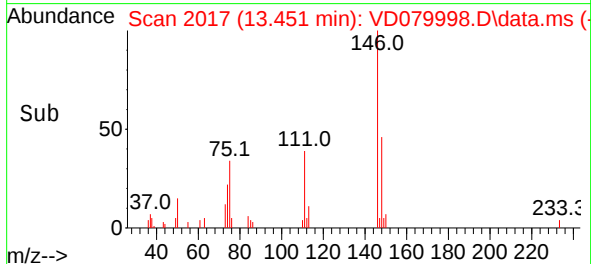
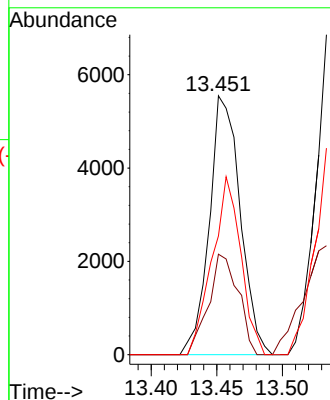
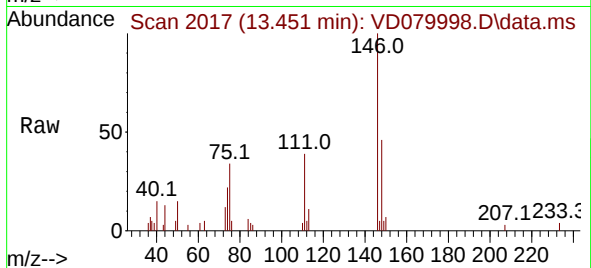
Tgt Ion:146 Resp: 9097

Ion Ratio Lower Upper

146 100

111 38.8 28.2 52.4

148 45.9 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 1.441 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

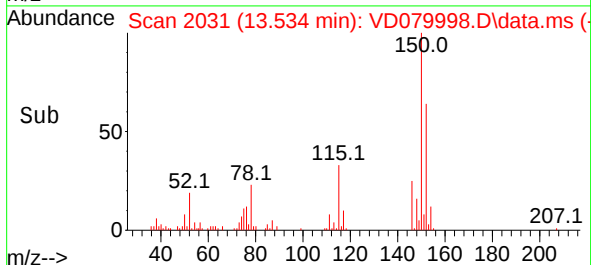
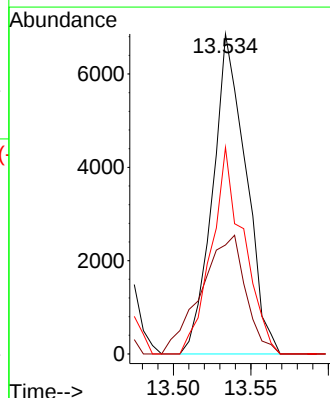
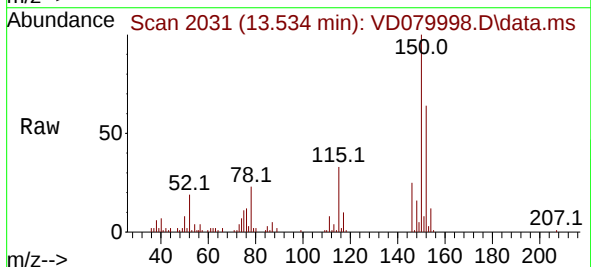
Tgt Ion:146 Resp: 10238

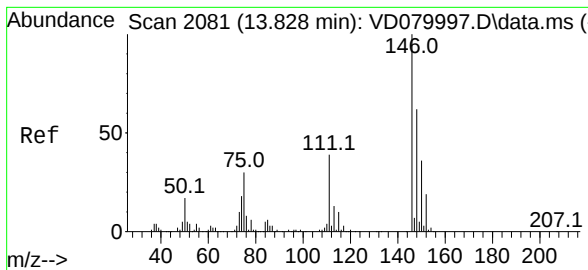
Ion Ratio Lower Upper

146 100

111 34.0 26.2 48.8

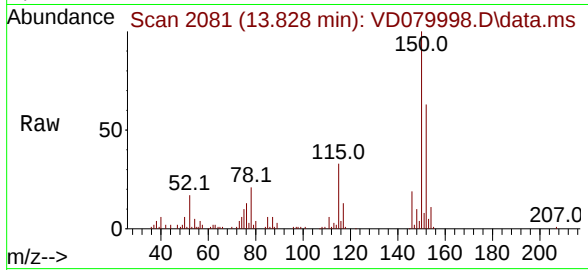
148 64.6 46.1 85.5



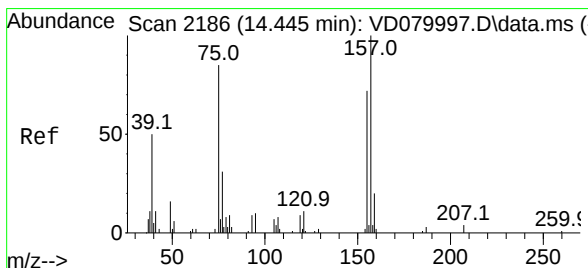
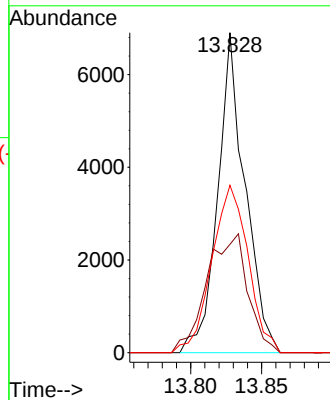
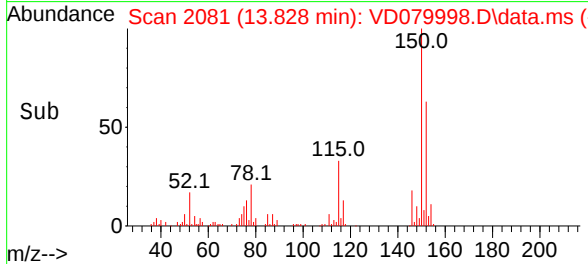


#67
1,2-Dichlorobenzene
Concen: 1.476 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35

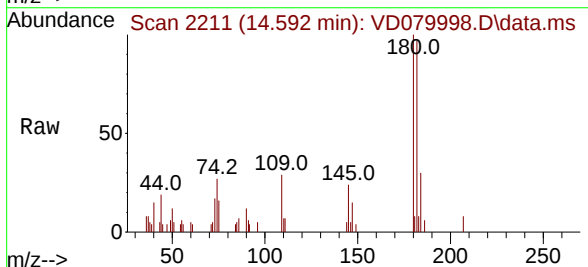
Instrument :
MSVOA_D
ClientSampleId :



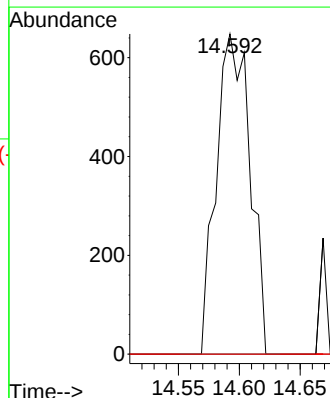
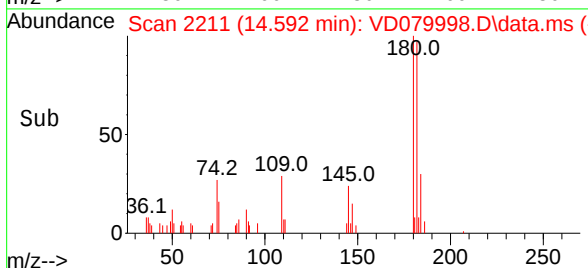
Tgt Ion:146 Resp: 9247
Ion Ratio Lower Upper
146 100
111 33.8 33.0 49.6
148 52.3 51.0 76.4

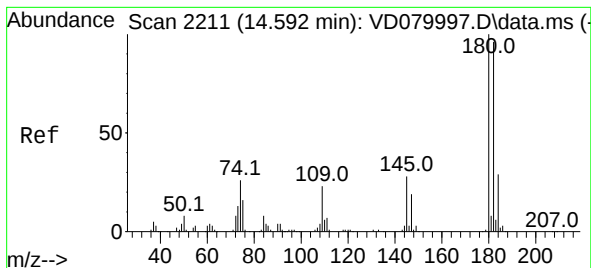


#68
1,2-Dibromo-3-chloropropane
Concen: 2.908 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. 0.147 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35



Tgt Ion: 75 Resp: 1248
Ion Ratio Lower Upper
75 100
155 0.0 68.7 103.1#
157 0.0 79.4 119.2#





#69

1,3,5-Trichlorobenzene

Concen: 1.463 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

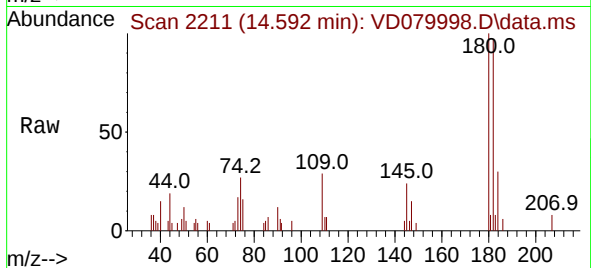
Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 6700

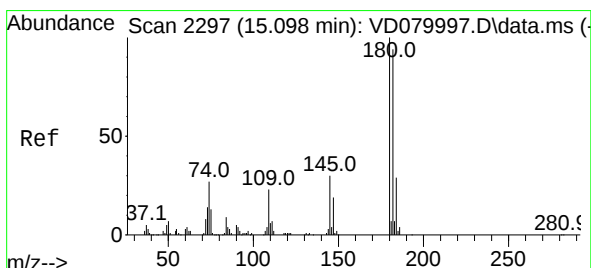
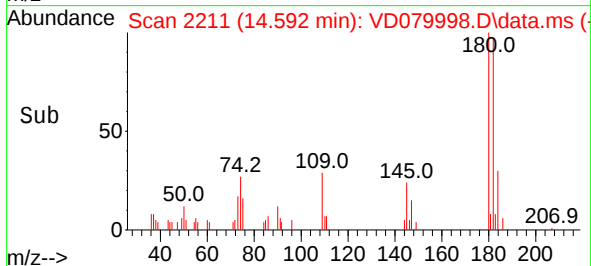
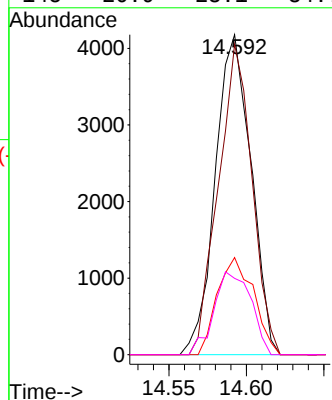
Ion Ratio Lower Upper

180 100

182 91.3 75.8 113.6

184 30.8 24.6 36.8

145 26.9 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 1.384 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD079998.D

Acq: 12 Nov 2024 15:35

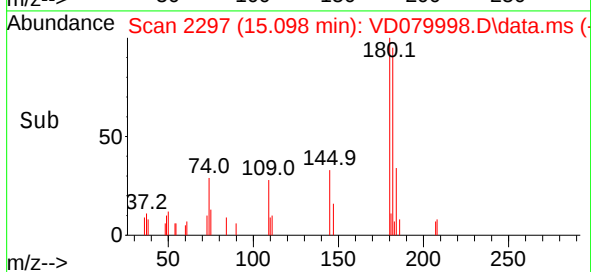
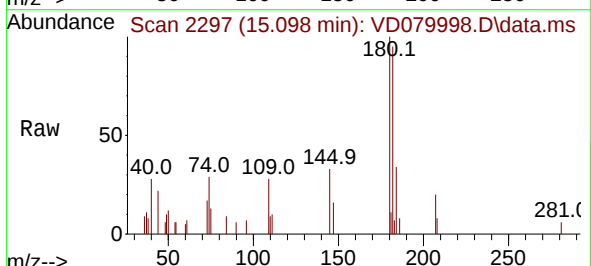
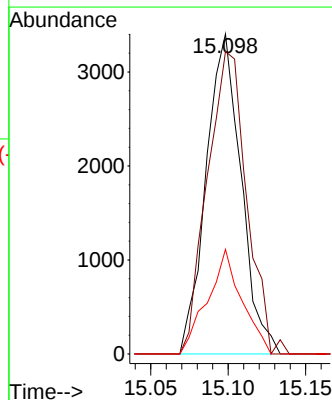
Tgt Ion:180 Resp: 5340

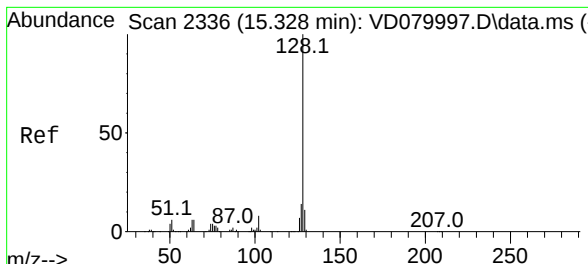
Ion Ratio Lower Upper

180 100

182 105.1 75.9 113.9

145 32.0 23.0 34.4

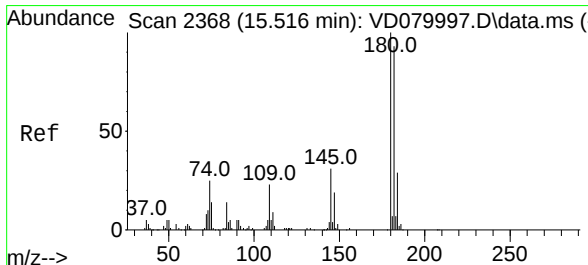
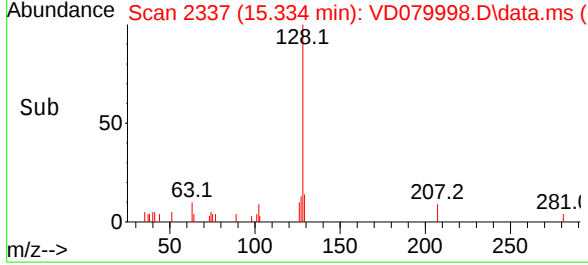
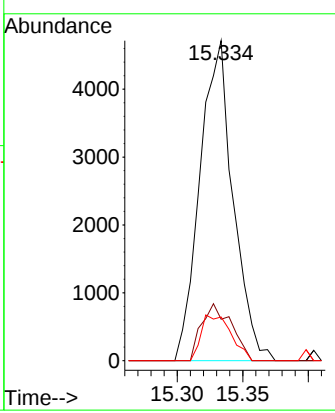
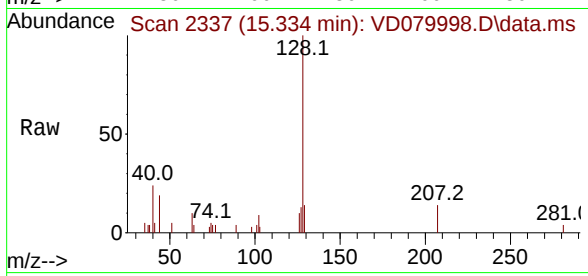




#71
Naphthalene
Concen: 1.261 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	8312
Ion Ratio	Lower	Upper	
128	100		
127	16.0	11.0	16.6
129	12.8	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 1.372 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD079998.D
Acq: 12 Nov 2024 15:35

Tgt Ion:	180	Resp:	4676
Ion Ratio	Lower	Upper	
180	100		
182	100.8	75.8	113.8
145	19.4	24.9	37.3#

