

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111224\
 Data File : VD079996.D
 Acq On : 12 Nov 2024 13:19
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 13 03:15:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 13 03:10:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	275419	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	254101	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	129177	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	74063	18.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.160%
7) Chloroethane-d5	2.805	69	69140	20.328	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.320%
11) 1,1-Dichloroethene-d2	3.917	65	36270	21.552	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.200%
21) 2-Butanone-d5	6.987	46	31344	36.262	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.520%
24) Chloroform-d	7.569	84	192679	24.633	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.520%
26) 1,2-Dichloroethane-d4	8.228	65	93724	22.097	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	8.205	84	390975	26.755	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	9.210	67	118128	25.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.240%
41) Toluene-d8	10.269	98	348239	26.180	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.720%
43) trans-1,3-Dichloroprop...	10.522	79	46333	24.421	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.680%
47) 2-Hexanone-d5	10.875	63	28218	40.655	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.300%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	82430	21.830	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	109899	24.550	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	93170	22.246	ug/L	99
3) Chloromethane	2.146	50	82102	23.967	ug/L	96
5) Vinyl chloride	2.287	62	91512	21.278	ug/L	98
6) Bromomethane	2.699	94	74654	24.568	ug/L	98
8) Chloroethane	2.840	64	60713	22.170	ug/L	92
9) Trichlorofluoromethane	3.181	101	164219	22.830	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	105531	24.261	ug/L	97
12) 1,1-Dichloroethene	3.940	96	94384	25.577	ug/L	95
13) Acetone	4.022	43	40751	39.747	ug/L	97
14) Carbon disulfide	4.275	76	308052	24.991	ug/L	100
15) Methyl Acetate	4.558	43	32057	19.931	ug/L #	89
16) Methylene chloride	4.805	84	107510	23.526	ug/L	96
17) trans-1,2-Dichloroethene	5.316	96	106183	26.135	ug/L	94
18) Methyl tert-butyl Ether	5.322	73	179508	22.715	ug/L #	86
19) 1,1-Dichloroethane	6.116	63	186757	24.603	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	119090	26.870	ug/L	95
22) 2-Butanone	7.081	43	45410	37.319	ug/L	75
23) Bromochloromethane	7.428	128	53323	24.228	ug/L	94
25) Chloroform	7.599	83	213719	24.355	ug/L	98

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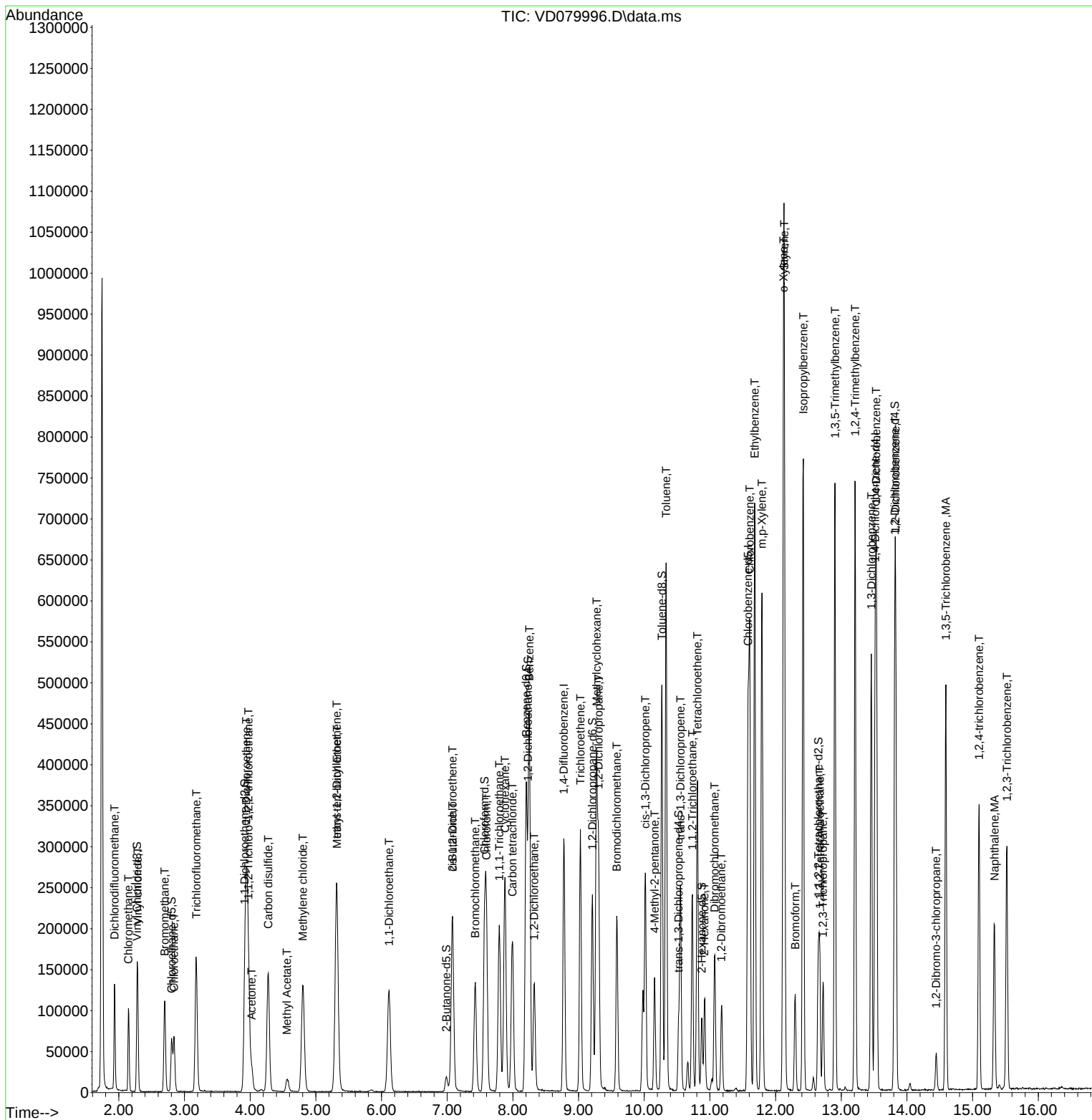
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 ClientSampleId :

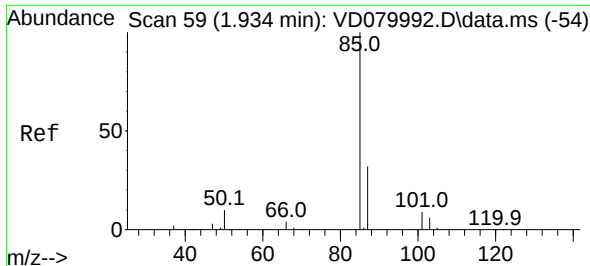
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 Quant Title : SFAM01.0
 QLast Update : Wed Nov 13 03:10:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	115827	22.604	ug/L	97
29) Cyclohexane	7.881	56	144305	26.269	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	172095	26.468	ug/L	97
31) Carbon tetrachloride	7.993	117	153273	26.847	ug/L	99
33) Benzene	8.252	78	444675	28.003	ug/L	100
34) Trichloroethene	9.028	95	111524	26.189	ug/L	95
35) Methylcyclohexane	9.275	83	161567	25.959	ug/L	99
37) 1,2-Dichloropropane	9.305	63	117417	26.470	ug/L	100
38) Bromodichloromethane	9.581	83	142998	25.297	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	163174	25.465	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	89798	42.874	ug/L	100
42) Toluene	10.334	91	484764	27.947	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	139840	25.337	ug/L	94
45) 1,1,2-Trichloroethane	10.734	97	77553	22.949	ug/L	96
46) Tetrachloroethene	10.810	164	91126	25.158	ug/L	92
48) 2-Hexanone	10.916	43	73719	43.649	ug/L	96
49) Dibromochloromethane	11.069	129	92635	23.275	ug/L	97
50) 1,2-Dibromoethane	11.175	107	70738	22.942	ug/L	96
51) Chlorobenzene	11.604	112	296022	26.030	ug/L	96
52) Ethylbenzene	11.681	91	515016	27.512	ug/L	98
53) m,p-Xylene	11.793	106	195649	27.873	ug/L	93
54) o-Xylene	12.122	106	187839	28.077	ug/L	97
55) Styrene	12.134	104	334389	27.783	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	83150	21.184	ug/L #	98
59) Bromoform	12.298	173	53493	22.437	ug/L	99
60) Isopropylbenzene	12.422	105	502903	28.481	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	56509	22.444	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	391865	28.257	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	389420	28.202	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	228036	26.309	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	236371	26.033	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	201181	25.122	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	11621	21.181	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	151297	25.842	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	118668	24.055	ug/L	100
71) Naphthalene	15.334	128	182591	21.664	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	107904	24.776	ug/L	99

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

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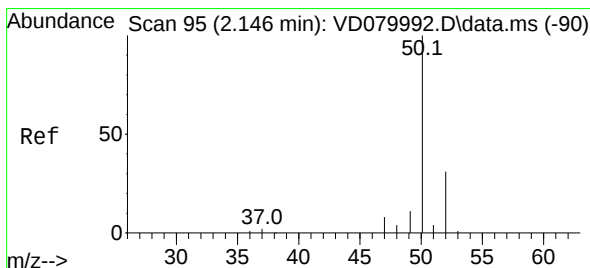
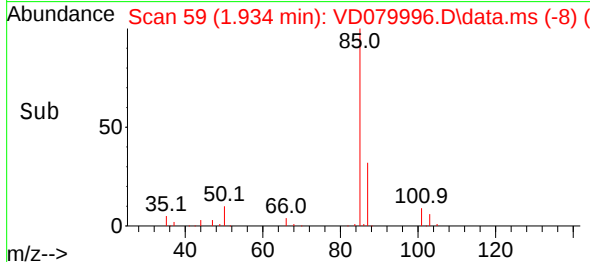
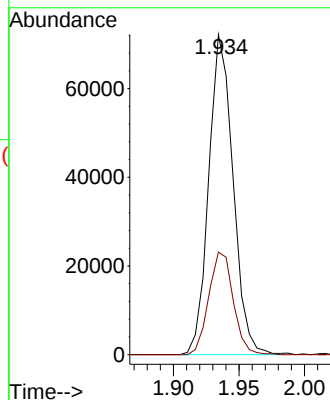
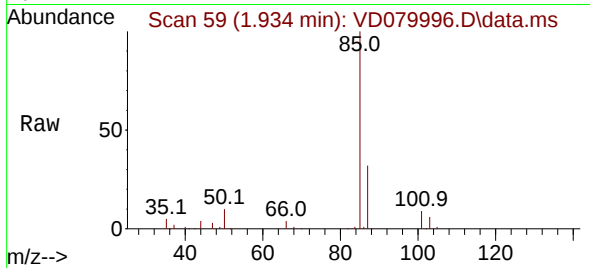




#2
 Dichlorodifluoromethane
 Concen: 22.246 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079996.D
 Acq: 12 Nov 2024 13:19

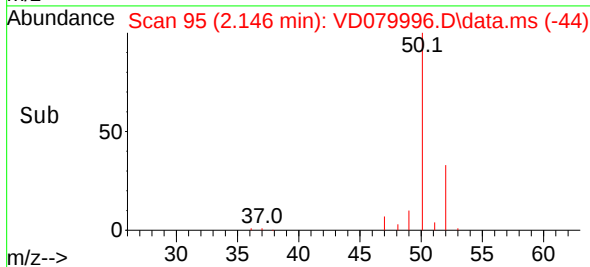
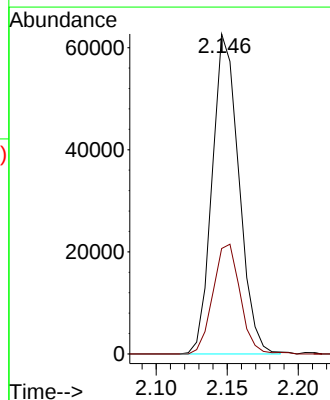
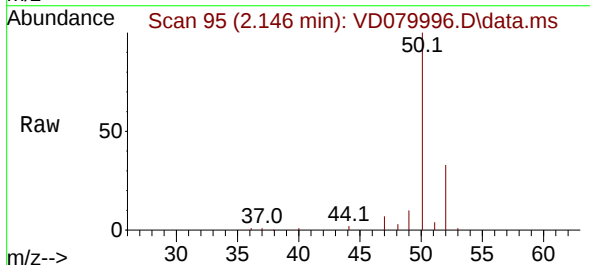
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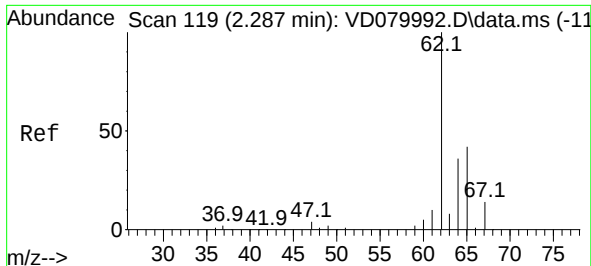
Tgt Ion: 85 Resp: 93170
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.4 38.2



#3
 Chloromethane
 Concen: 23.967 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079996.D
 Acq: 12 Nov 2024 13:19

Tgt Ion: 50 Resp: 82102
 Ion Ratio Lower Upper
 50 100
 52 33.0 21.6 40.0

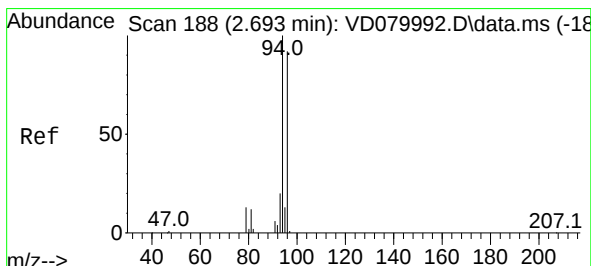
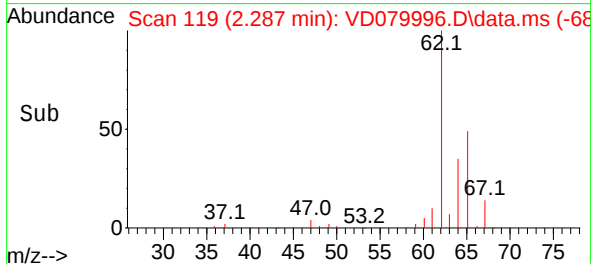
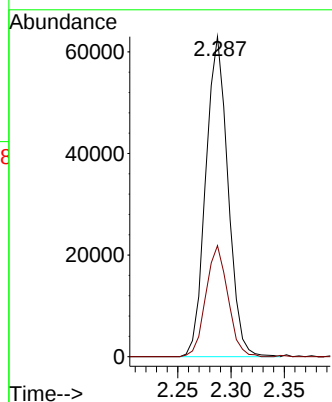
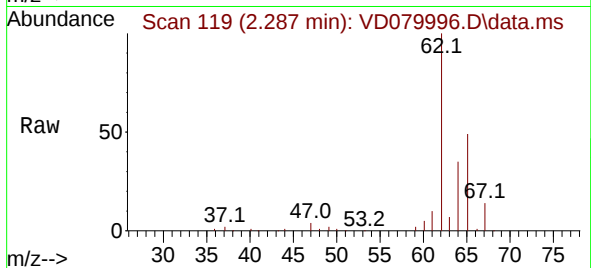




#5
 Vinyl chloride
 Concen: 21.278 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD079996.D
 Acq: 12 Nov 2024 13:19

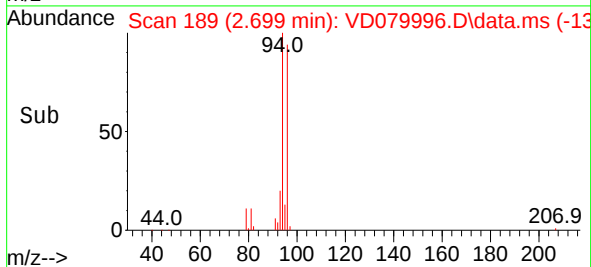
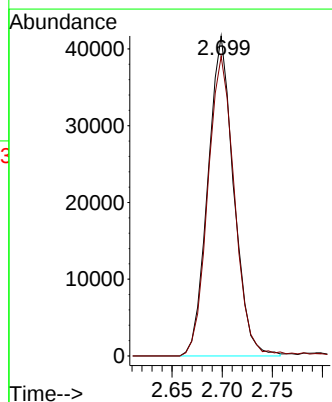
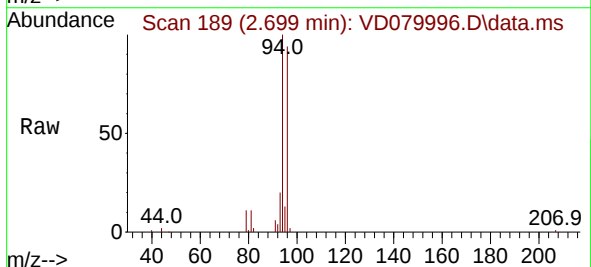
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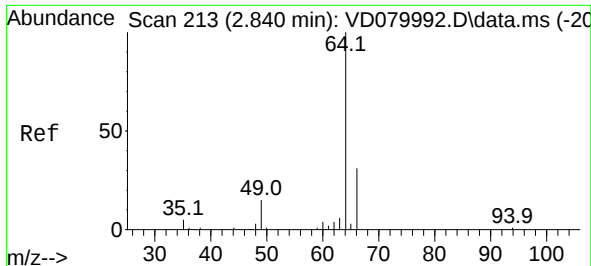
Tgt Ion: 62 Resp: 91512
 Ion Ratio Lower Upper
 62 100
 64 34.7 25.1 46.7



#6
 Bromomethane
 Concen: 24.568 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.006 min
 Lab File: VD079996.D
 Acq: 12 Nov 2024 13:19

Tgt Ion: 94 Resp: 74654
 Ion Ratio Lower Upper
 94 100
 96 93.6 64.5 119.7

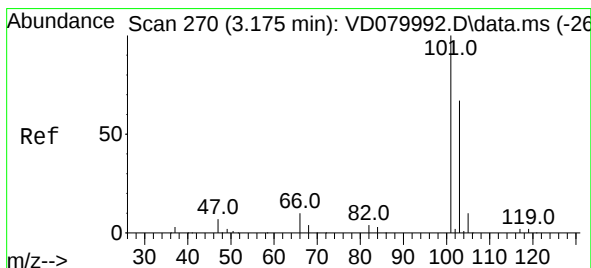
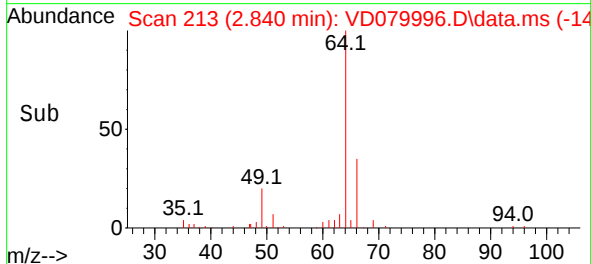
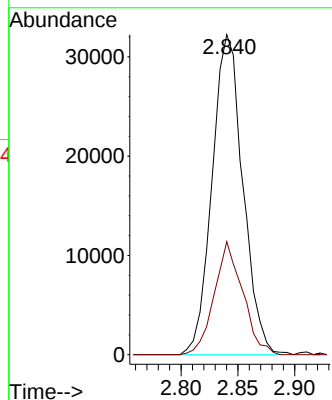
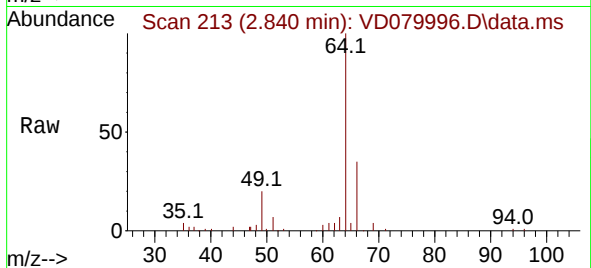




#8
Chloroethane
Concen: 22.170 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

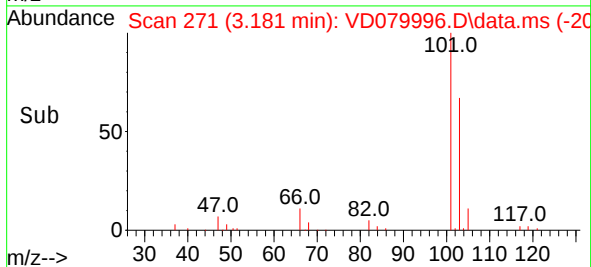
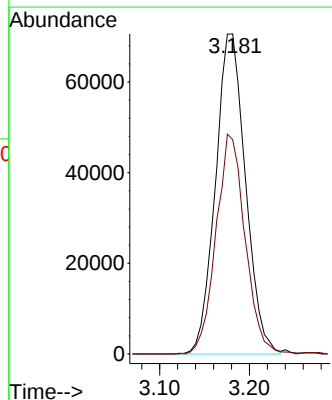
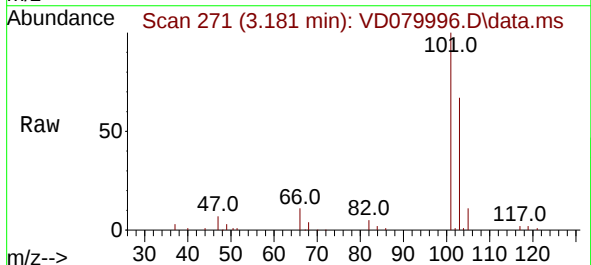
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ClientSampleId :

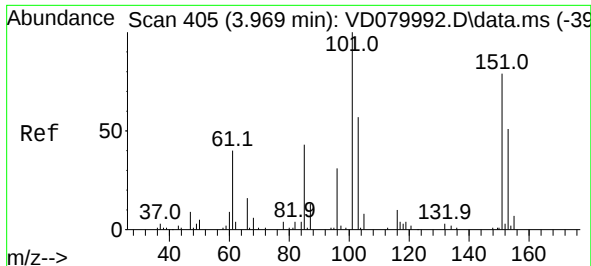
Tgt Ion: 64 Resp: 60713
Ion Ratio Lower Upper
64 100
66 35.3 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.830 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

Tgt Ion:101 Resp: 164219
Ion Ratio Lower Upper
101 100
103 66.4 51.8 77.8

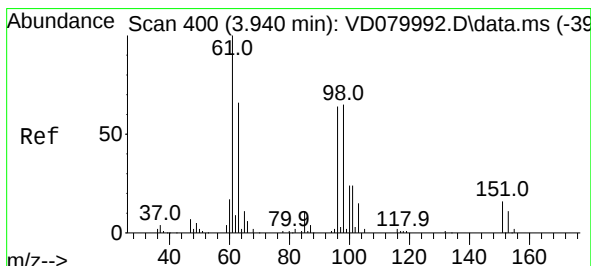
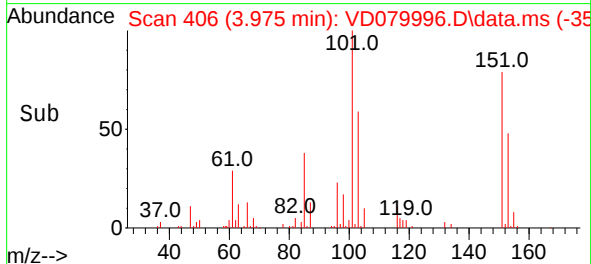
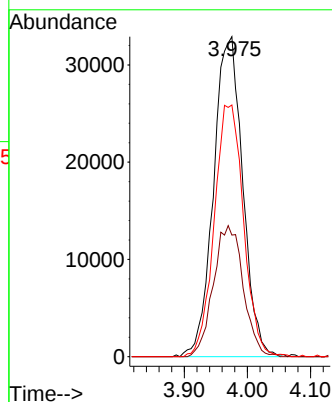
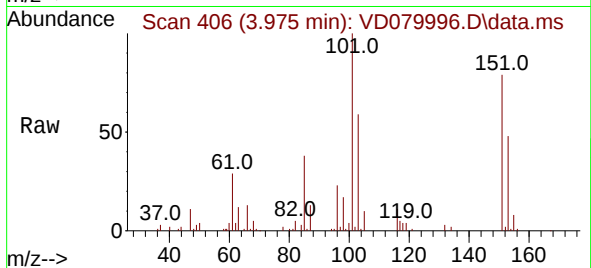




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.261 ug/L
RT: 3.975 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

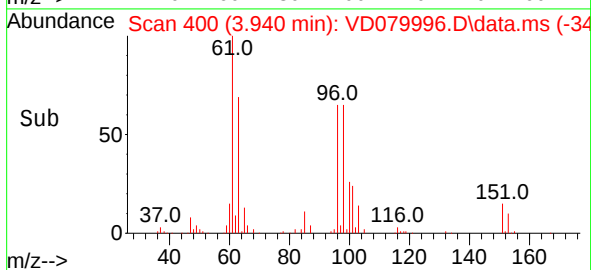
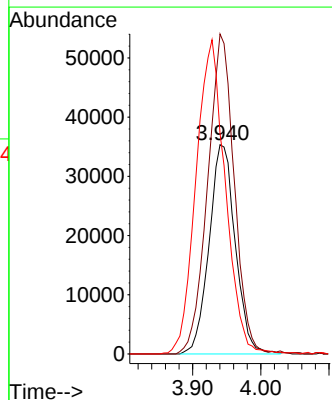
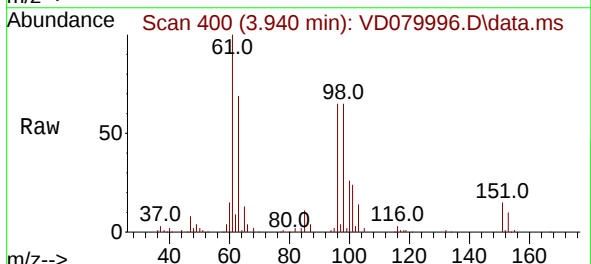
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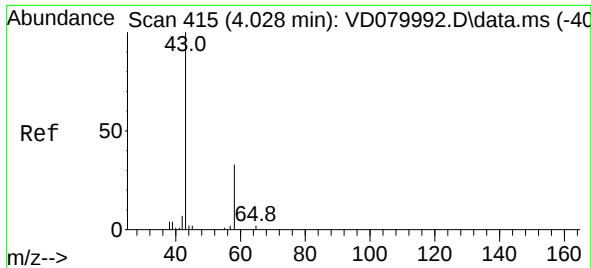
Tgt Ion:101 Resp: 105531
Ion Ratio Lower Upper
101 100
85 41.7 34.9 52.3
151 78.8 60.7 91.1



#12
1,1-Dichloroethene
Concen: 25.577 ug/L
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

Tgt Ion: 96 Resp: 94384
Ion Ratio Lower Upper
96 100
61 153.0 111.2 206.6
63 105.3 78.9 146.5

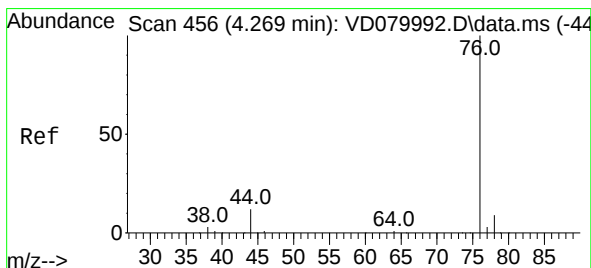
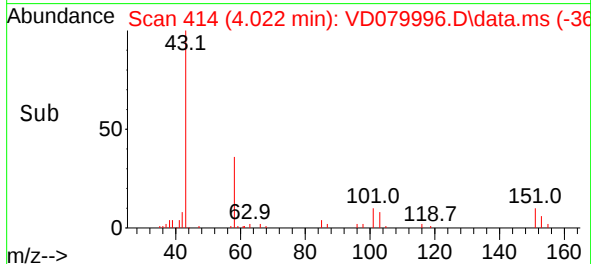
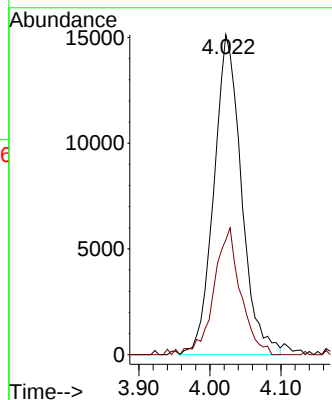
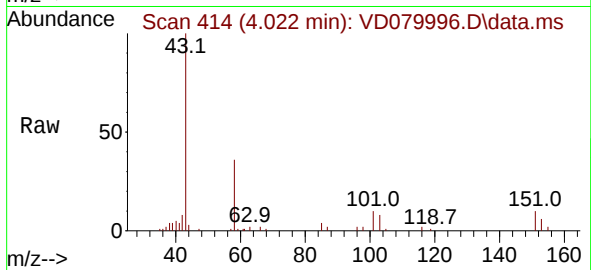




#13
Acetone
Concen: 39.747 ug/L
RT: 4.022 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

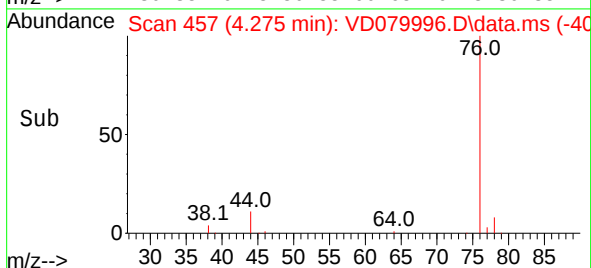
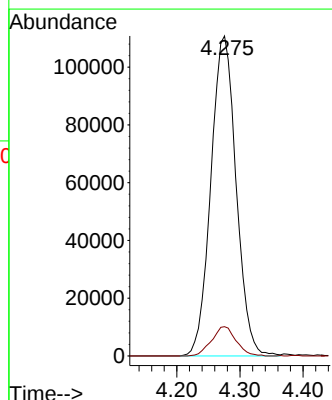
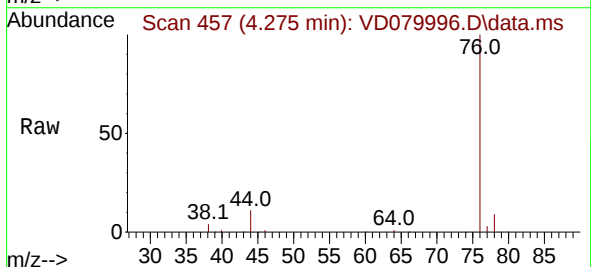
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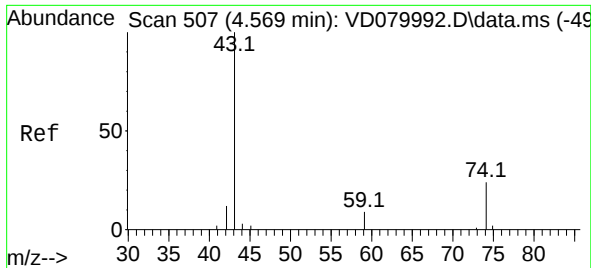
Tgt Ion: 43 Resp: 40751
Ion Ratio Lower Upper
43 100
58 34.3 0.0 71.8



#14
Carbon disulfide
Concen: 24.991 ug/L
RT: 4.275 min Scan# 457
Delta R.T. 0.006 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

Tgt Ion: 76 Resp: 308052
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

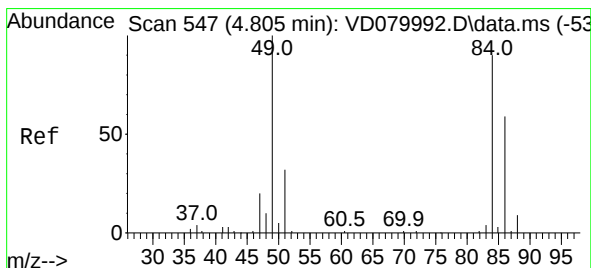
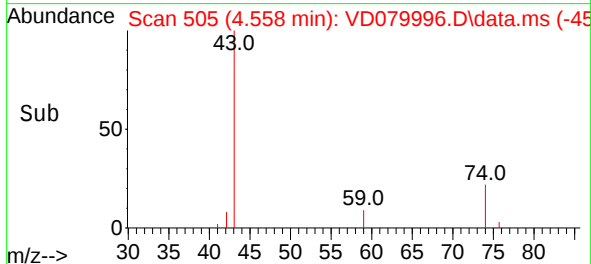
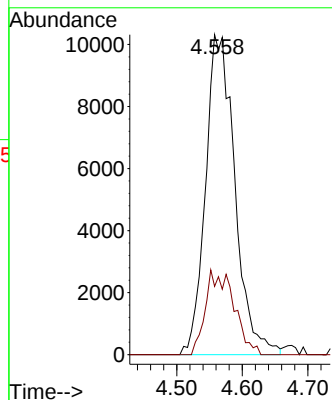
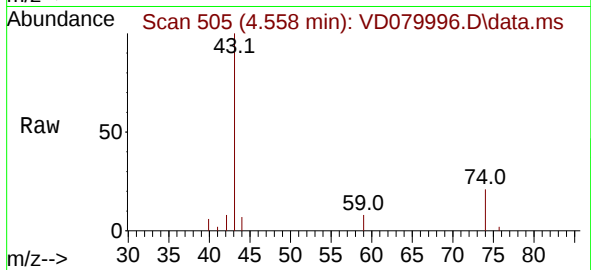




#15
Methyl Acetate
Concen: 19.931 ug/L
RT: 4.558 min Scan# 507
Delta R.T. -0.012 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

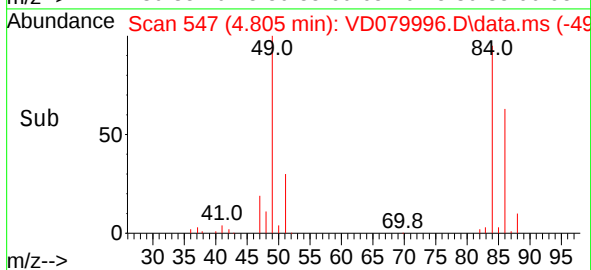
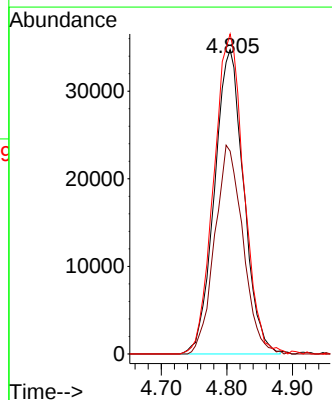
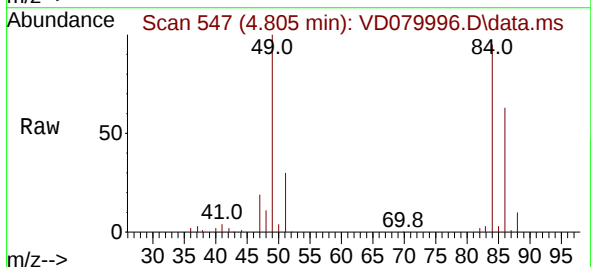
Instrument :
MSVOA_D
ClientSampleId :

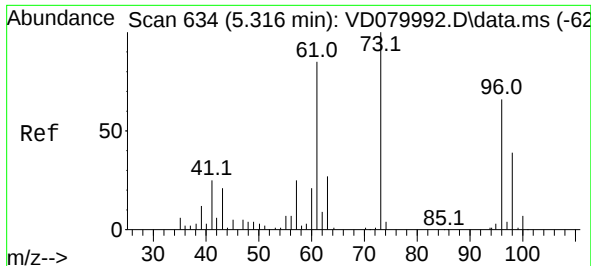
Tgt Ion: 43 Resp: 32057
Ion Ratio Lower Upper
43 100
74 14.8 0.2 0.2#



#16
Methylene chloride
Concen: 23.526 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

Tgt Ion: 84 Resp: 107510
Ion Ratio Lower Upper
84 100
86 66.7 45.4 84.4
49 105.2 77.3 143.7

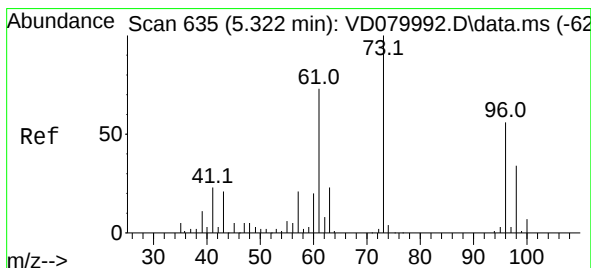
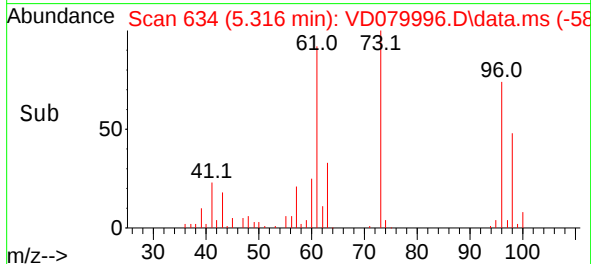
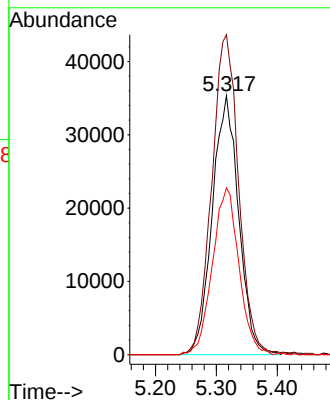
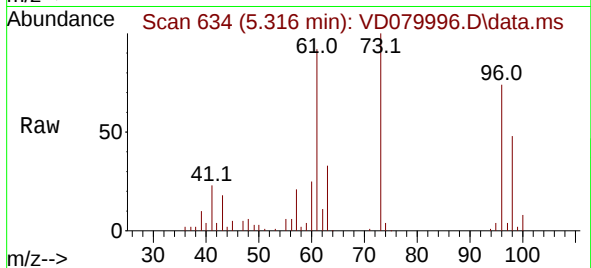




#17
trans-1,2-Dichloroethene
Concen: 26.135 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

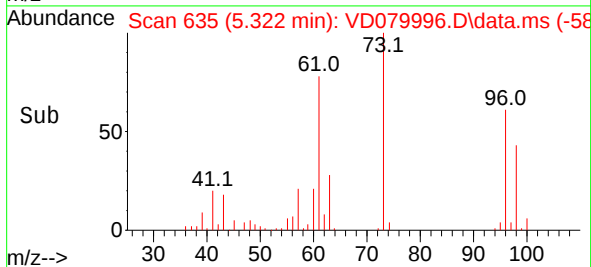
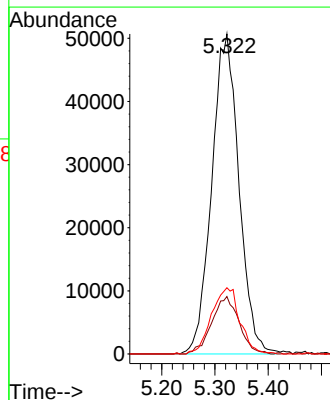
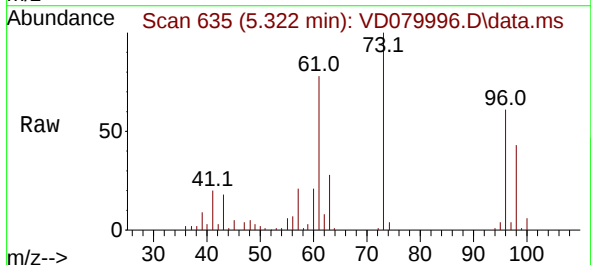
Instrument :
MSVOA_D
ClientSampleId :

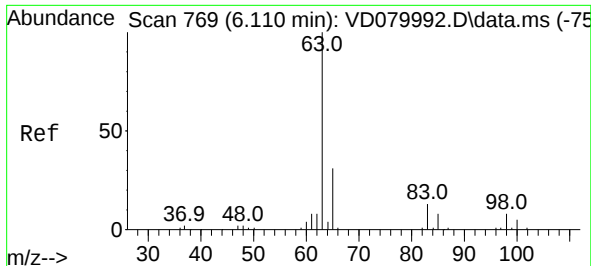
Tgt Ion: 96 Resp: 106183
Ion Ratio Lower Upper
96 100
61 123.5 91.1 169.3
98 64.4 41.6 77.2



#18
Methyl tert-butyl Ether
Concen: 22.715 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

Tgt Ion: 73 Resp: 179508
Ion Ratio Lower Upper
73 100
43 16.0 16.1 24.1#
57 14.5 18.5 27.7#

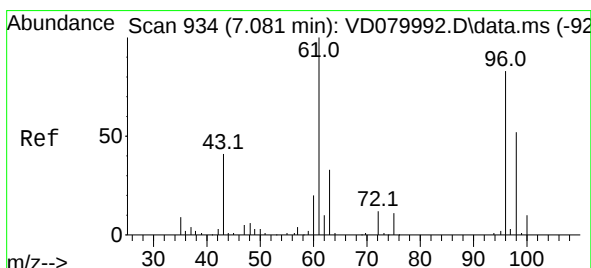
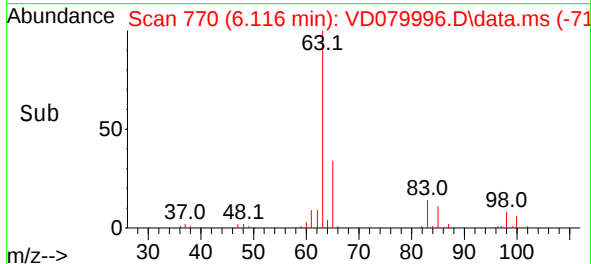
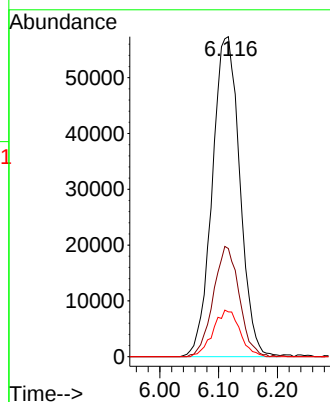
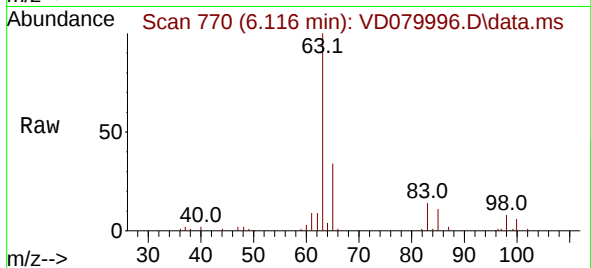




#19
1,1-Dichloroethane
Concen: 24.603 ug/L
RT: 6.116 min Scan# 71
Delta R.T. 0.006 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

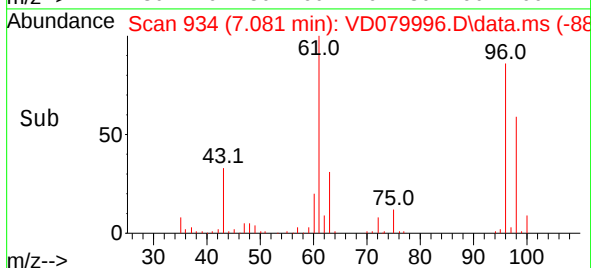
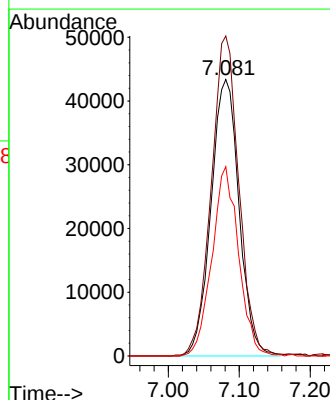
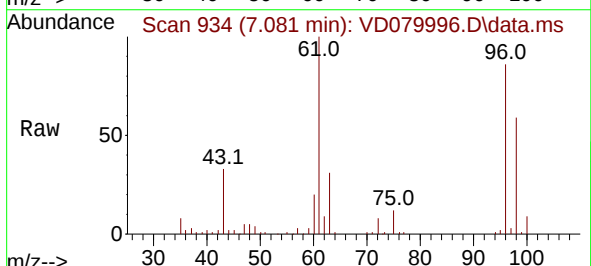
Instrument :
MSVOA_D
ClientSampleId :

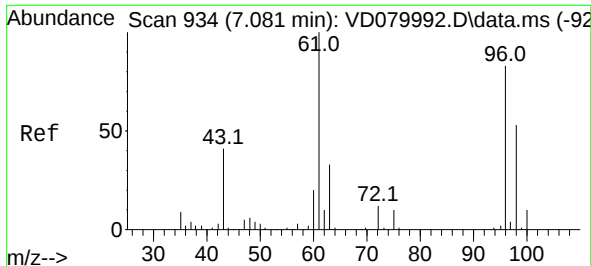
Tgt Ion: 63 Resp: 186757
Ion Ratio Lower Upper
63 100
65 33.8 21.9 40.7
83 14.0 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 26.870 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

Tgt Ion: 96 Resp: 119090
Ion Ratio Lower Upper
96 100
61 115.7 84.8 157.4
98 68.4 44.4 82.5

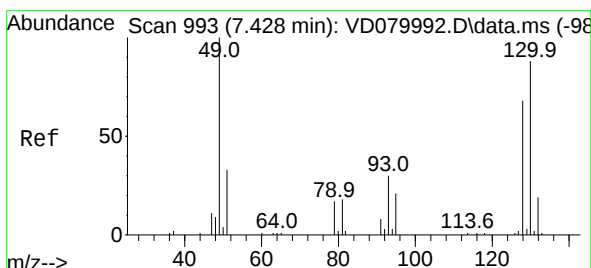
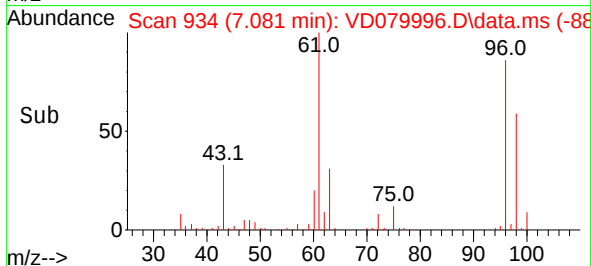
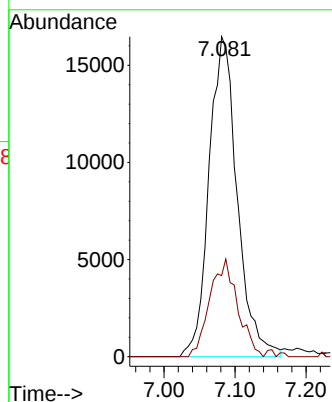
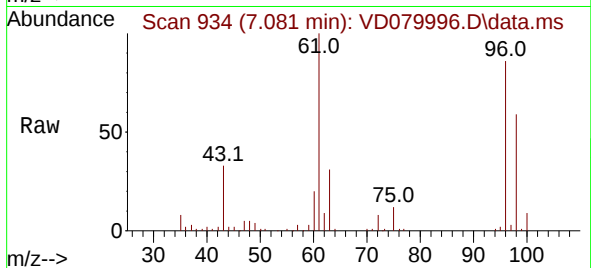




#22
2-Butanone
Concen: 37.319 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

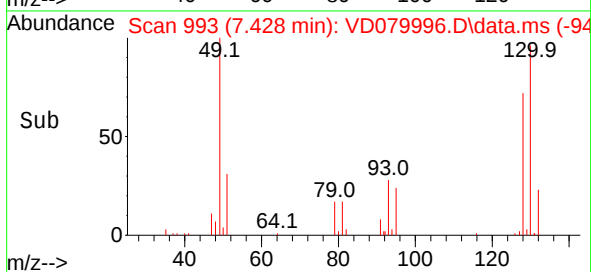
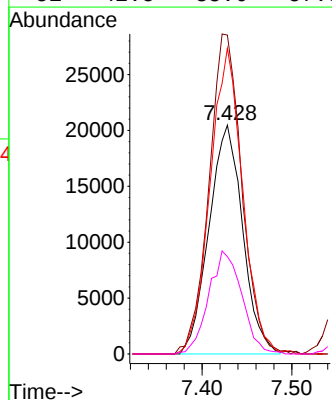
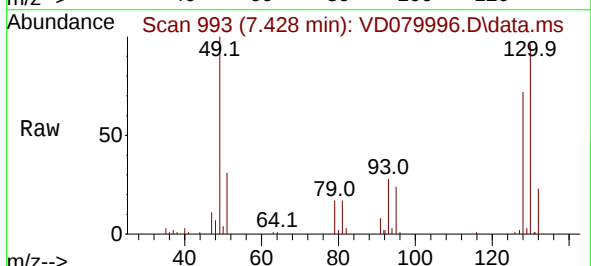
Instrument :
MSVOA_D
ClientSampleId :

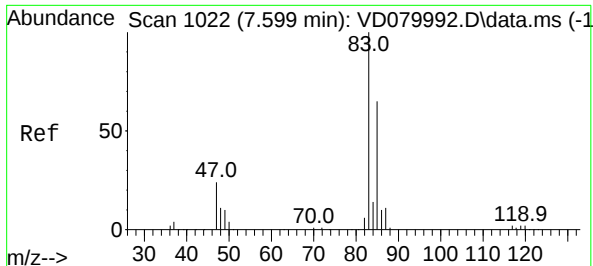
Tgt Ion: 43 Resp: 45410
Ion Ratio Lower Upper
43 100
72 15.2 14.3 42.9



#23
Bromochloromethane
Concen: 24.228 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

Tgt Ion:128 Resp: 53323
Ion Ratio Lower Upper
128 100
49 139.4 103.2 191.6
130 133.6 90.6 168.2
51 42.5 38.6 57.8

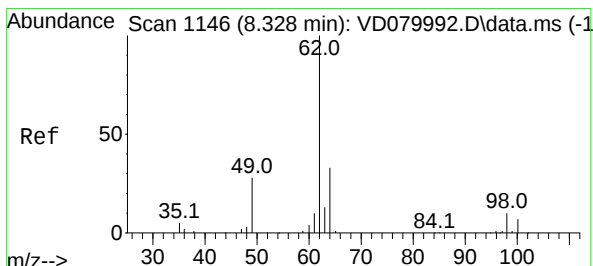
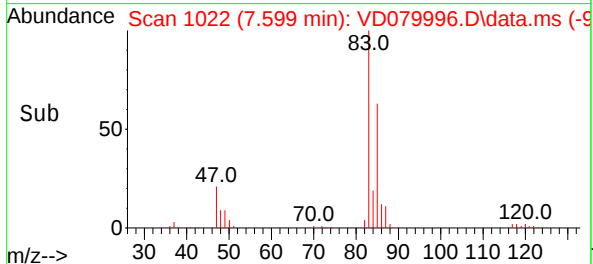
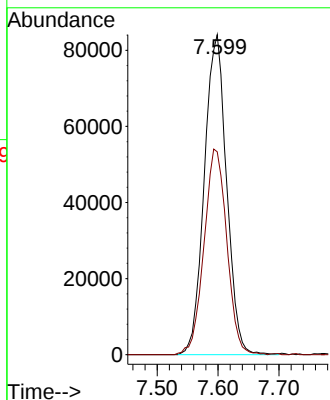
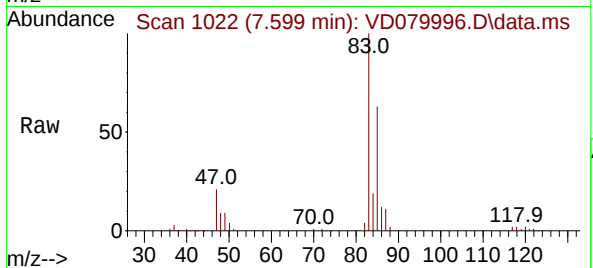




#25
Chloroform
Concen: 24.355 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

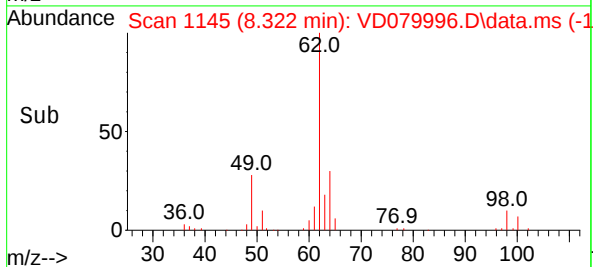
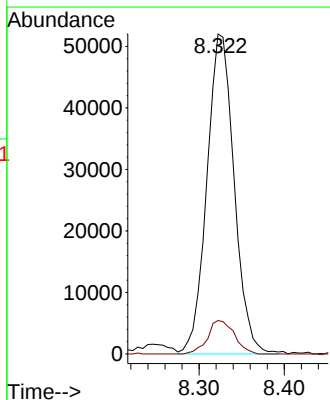
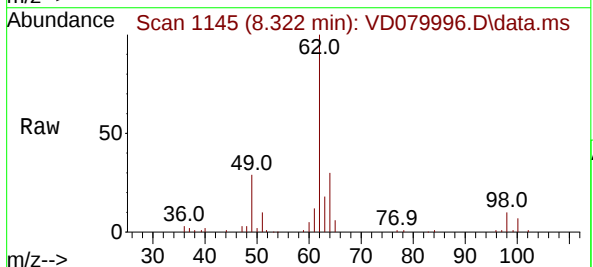
Instrument :
MSVOA_D
ClientSampleId :

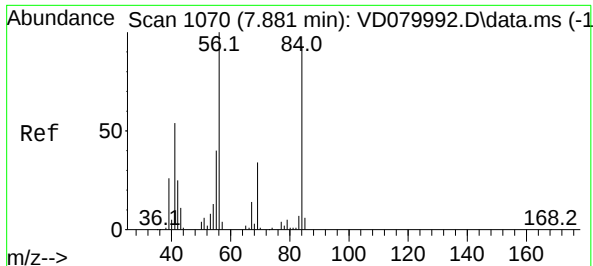
Tgt Ion: 83 Resp: 213719
Ion Ratio Lower Upper
83 100
85 63.4 45.6 84.6



#27
1,2-Dichloroethane
Concen: 22.604 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

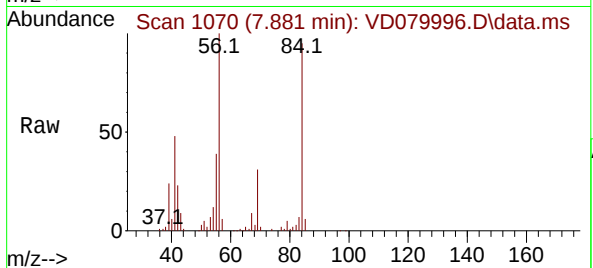
Tgt Ion: 62 Resp: 115827
Ion Ratio Lower Upper
62 100
98 10.5 7.5 11.3



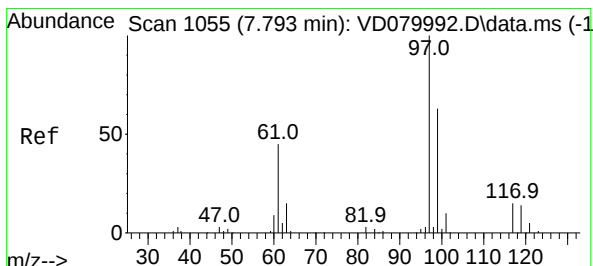
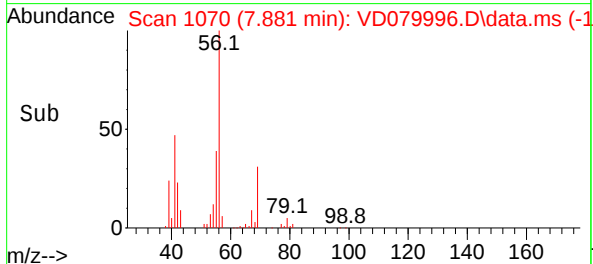
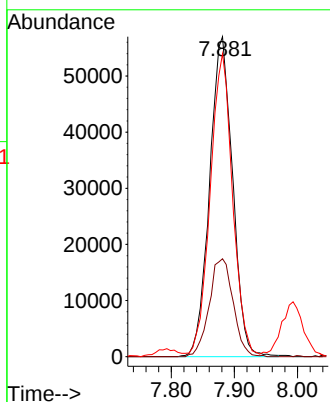


#29
Cyclohexane
Concen: 26.269 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

Instrument :
MSVOA_D
ClientSampleId :

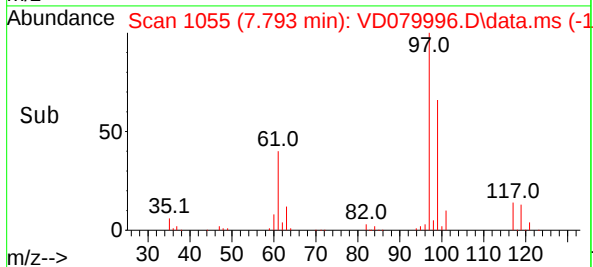
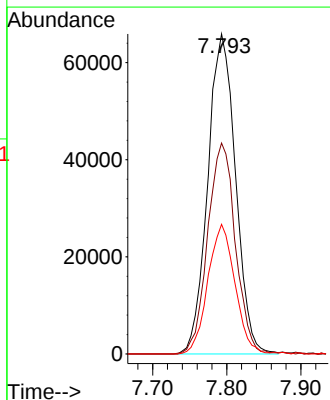
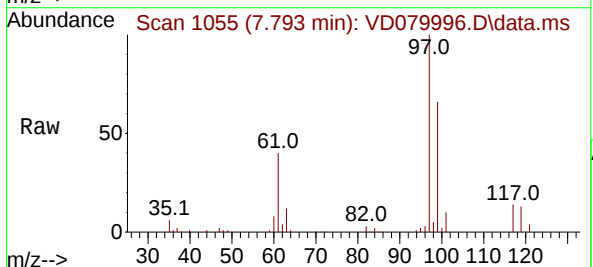


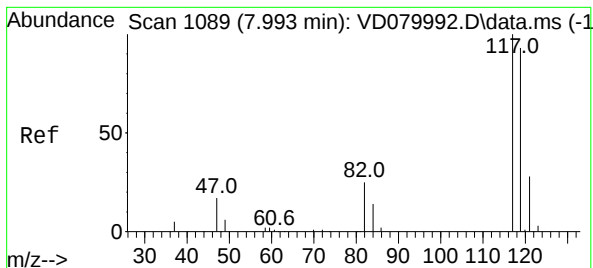
Tgt Ion: 56 Resp: 144305
Ion Ratio Lower Upper
56 100
69 31.8 25.6 38.4
84 92.4 71.0 106.6



#30
1,1,1-Trichloroethane
Concen: 26.468 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

Tgt Ion: 97 Resp: 172095
Ion Ratio Lower Upper
97 100
99 65.6 51.5 77.3
61 39.4 34.3 51.5





#31

Carbon tetrachloride

Concen: 26.847 ug/L

RT: 7.993 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD079996.D

Acq: 12 Nov 2024 13:19

Instrument :

MSVOA_D

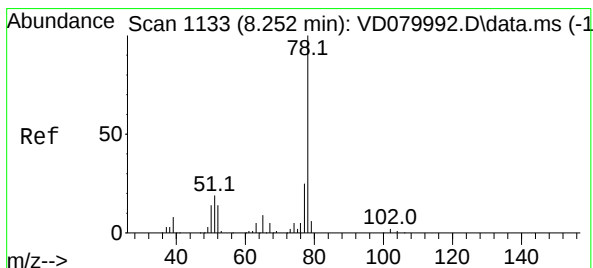
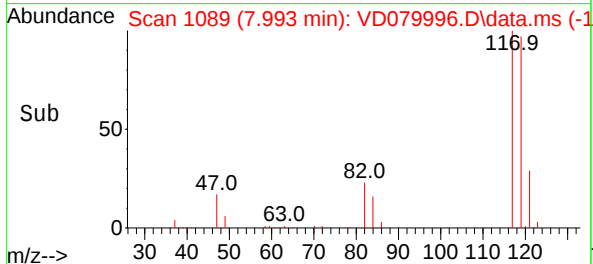
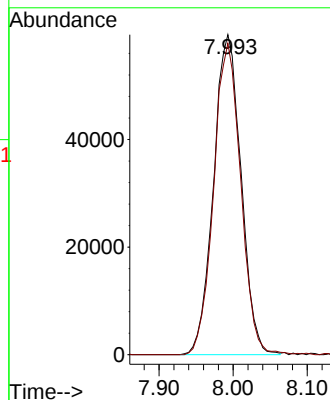
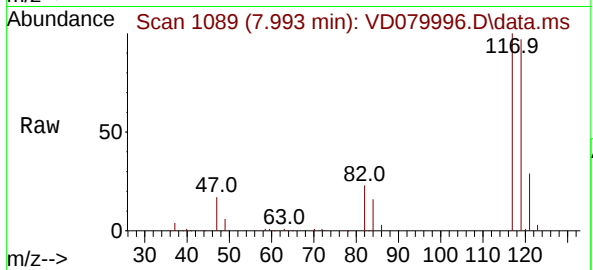
ClientSampleId :

Tgt Ion:117 Resp: 153273

Ion Ratio Lower Upper

117 100

119 95.3 76.8 115.2



#33

Benzene

Concen: 28.003 ug/L

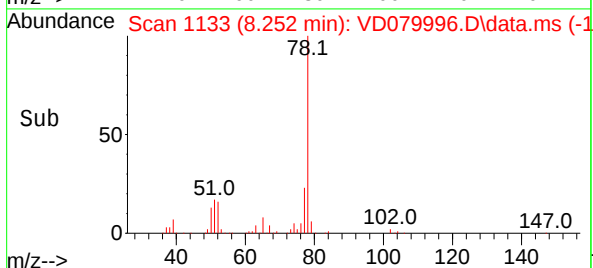
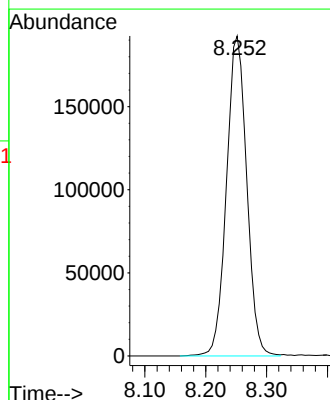
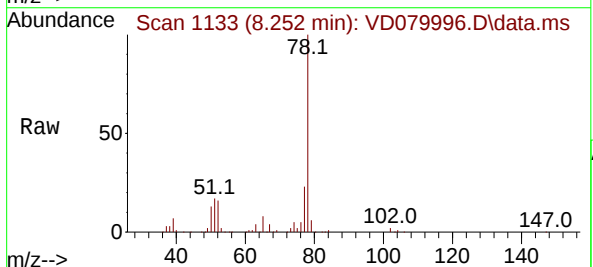
RT: 8.252 min Scan# 1133

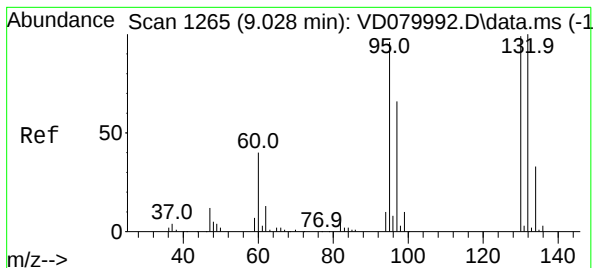
Delta R.T. 0.000 min

Lab File: VD079996.D

Acq: 12 Nov 2024 13:19

Tgt Ion: 78 Resp: 444675





#34

Trichloroethene

Concen: 26.189 ug/L

RT: 9.028 min Scan# 111524

Delta R.T. 0.000 min

Lab File: VD079996.D

Acq: 12 Nov 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 111524

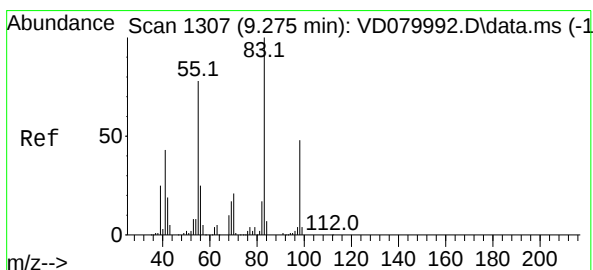
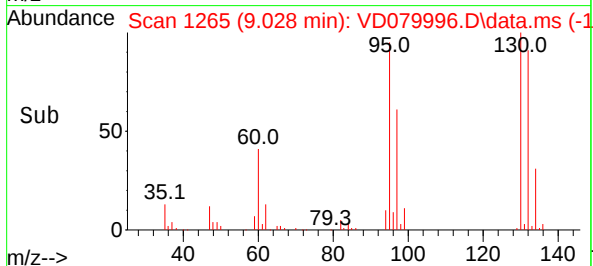
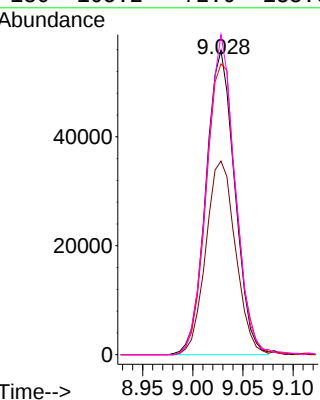
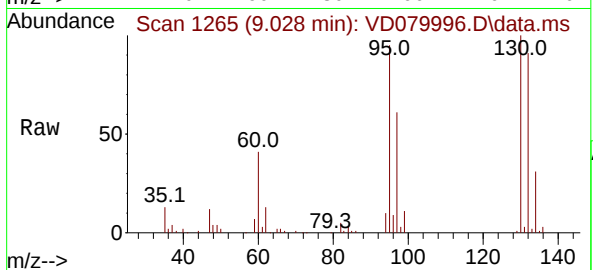
Ion Ratio Lower Upper

95 100

97 63.6 47.7 88.5

132 95.6 72.8 135.2

130 105.2 72.0 133.6



#35

Methylcyclohexane

Concen: 25.959 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD079996.D

Acq: 12 Nov 2024 13:19

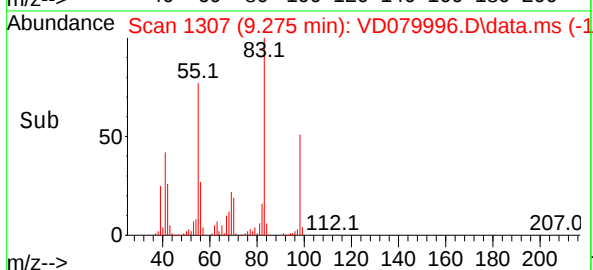
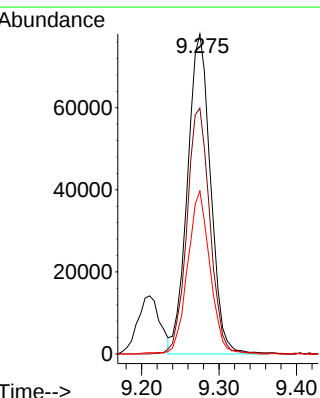
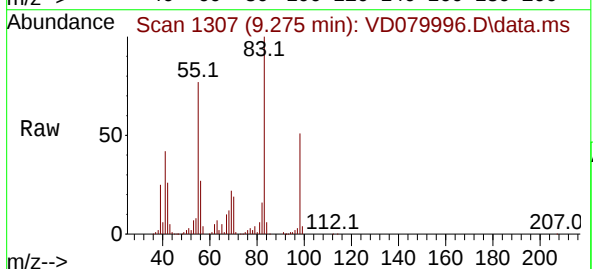
Tgt Ion: 83 Resp: 161567

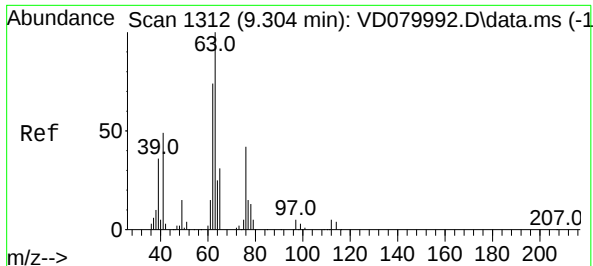
Ion Ratio Lower Upper

83 100

55 76.5 61.2 91.8

98 49.0 38.2 57.2

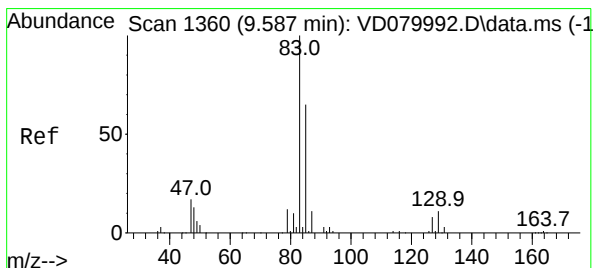
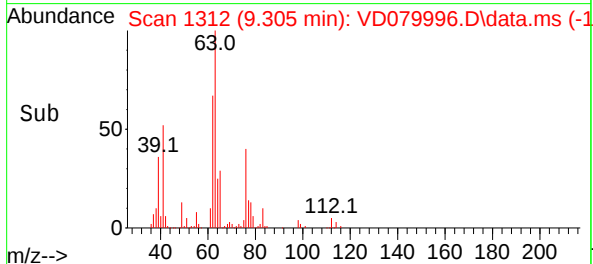
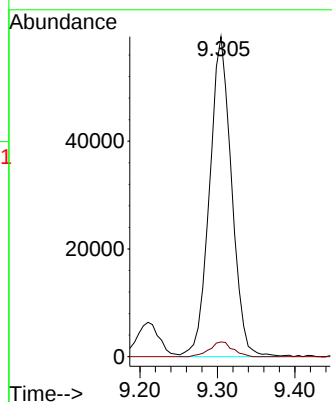
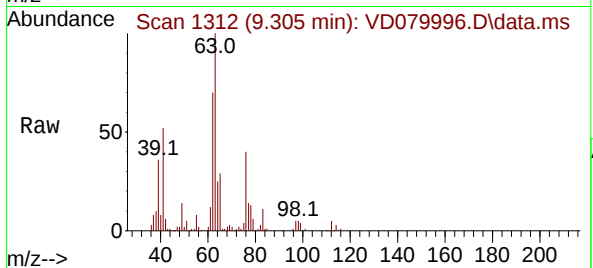




#37
1,2-Dichloropropane
Concen: 26.470 ug/L
RT: 9.305 min Scan# 117417
Delta R.T. 0.000 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

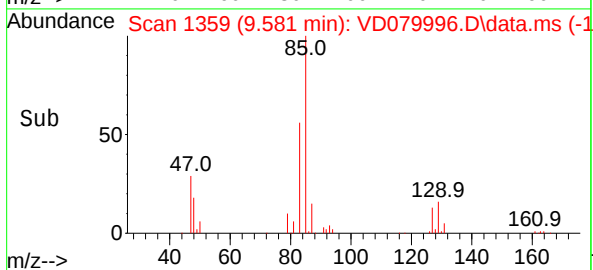
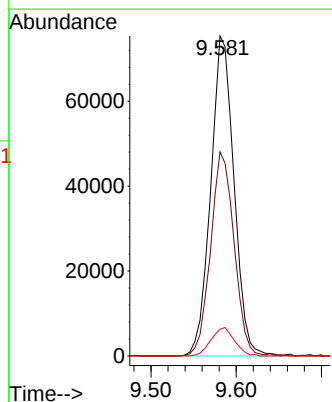
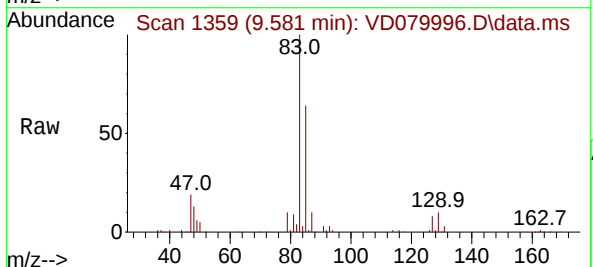
Instrument :
MSVOA_D
ClientSampleId :

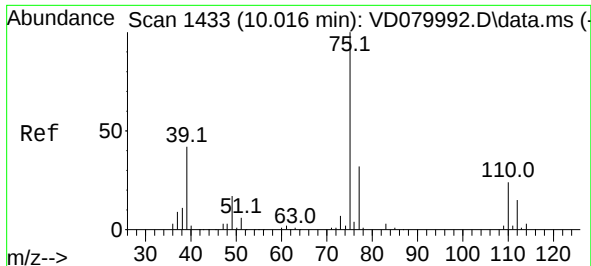
Tgt Ion: 63 Resp: 117417
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.6



#38
Bromodichloromethane
Concen: 25.297 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

Tgt Ion: 83 Resp: 142998
Ion Ratio Lower Upper
83 100
85 63.8 46.0 85.4
127 8.4 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 25.465 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079996.D

Acq: 12 Nov 2024 13:19

Instrument :

MSVOA_D

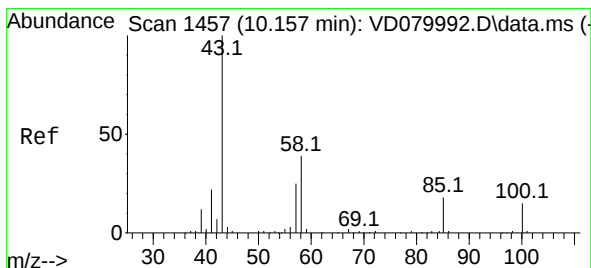
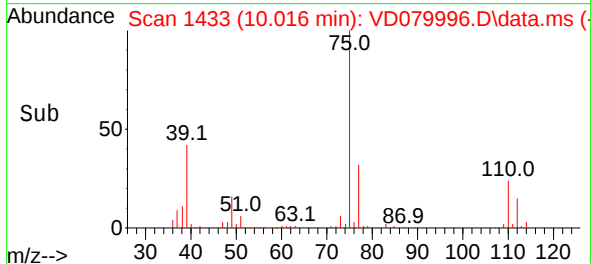
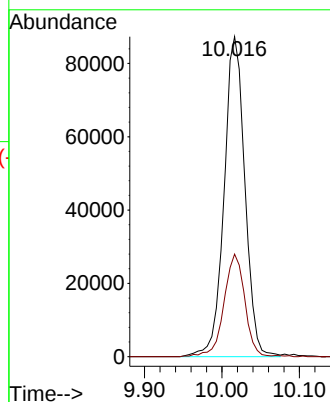
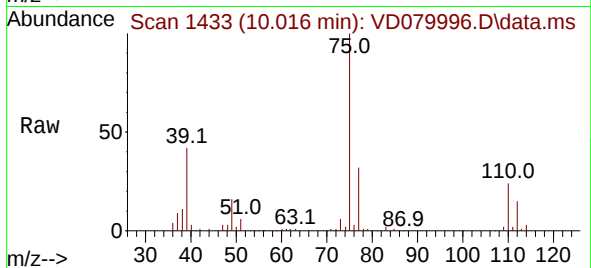
ClientSampleId :

Tgt Ion: 75 Resp: 163174

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 42.874 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079996.D

Acq: 12 Nov 2024 13:19

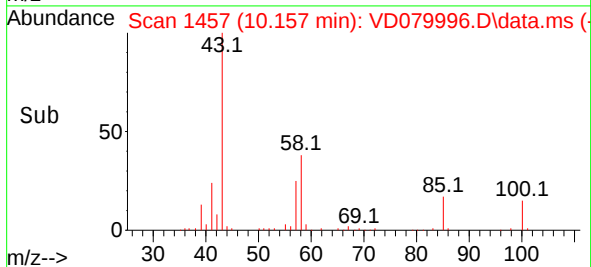
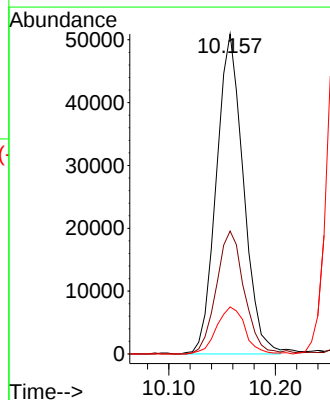
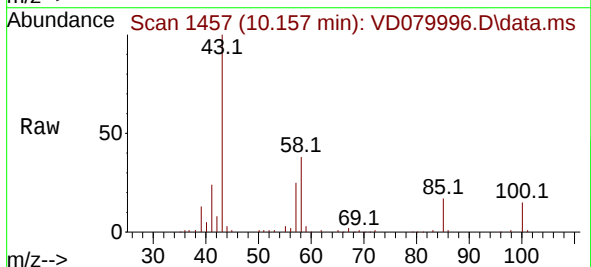
Tgt Ion: 43 Resp: 89798

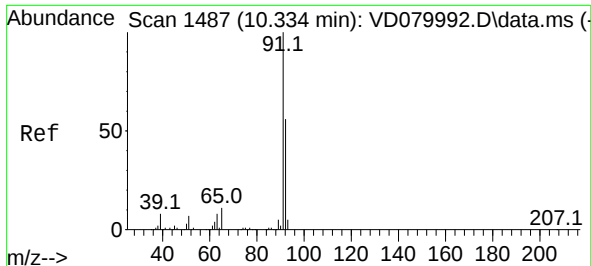
Ion Ratio Lower Upper

43 100

58 39.4 31.5 47.3

100 15.4 12.7 19.1

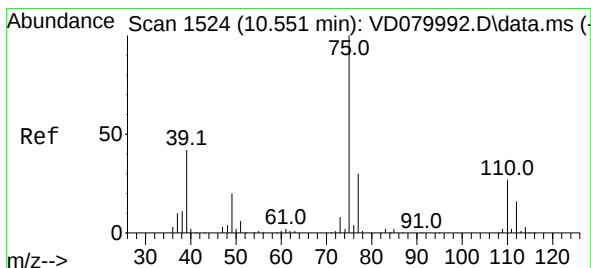
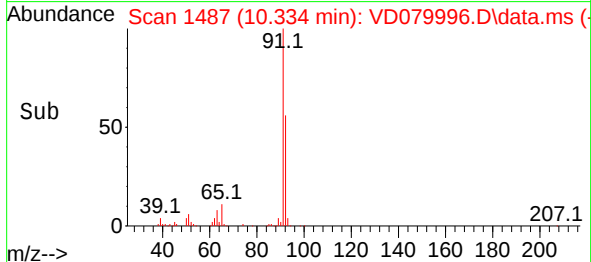
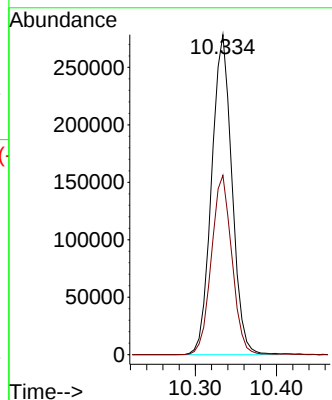
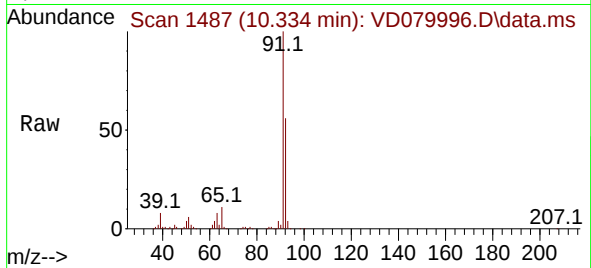




#42
Toluene
Concen: 27.947 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

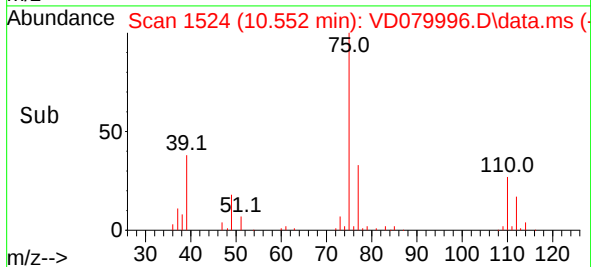
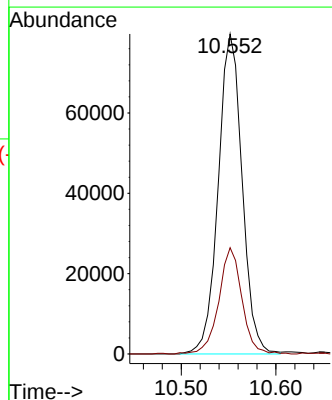
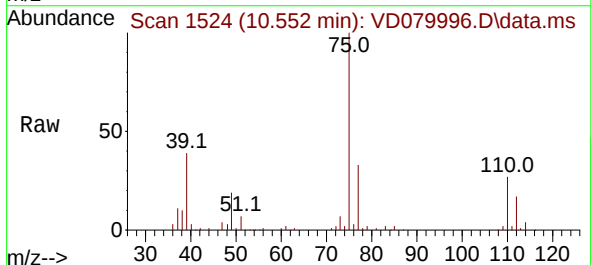
Instrument :
MSVOA_D
ClientSampleId :

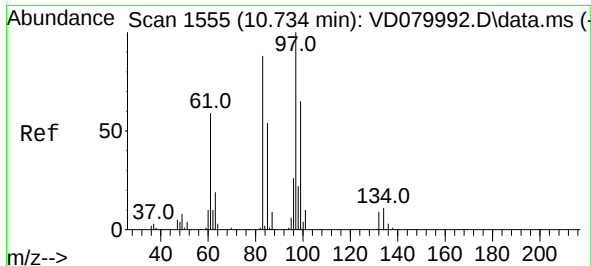
Tgt Ion: 91 Resp: 484764
Ion Ratio Lower Upper
91 100
92 56.1 39.4 73.2



#44
trans-1,3-Dichloropropene
Concen: 25.337 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

Tgt Ion: 75 Resp: 139840
Ion Ratio Lower Upper
75 100
77 33.2 21.0 39.0





#45

1,1,2-Trichloroethane

Concen: 22.949 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD079996.D

Acq: 12 Nov 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 77553

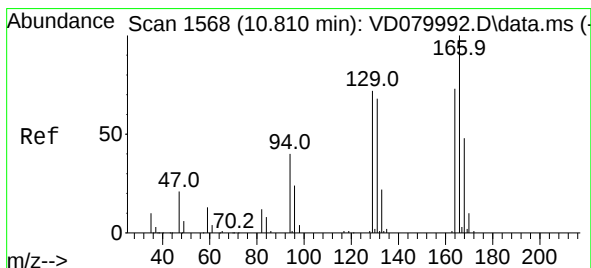
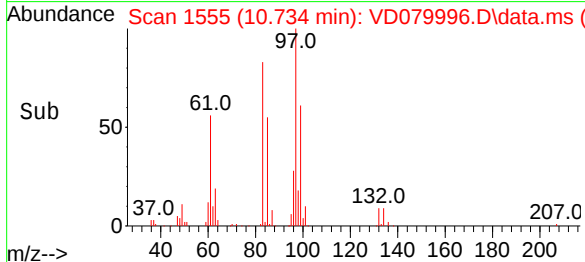
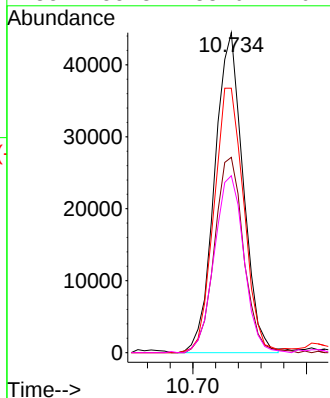
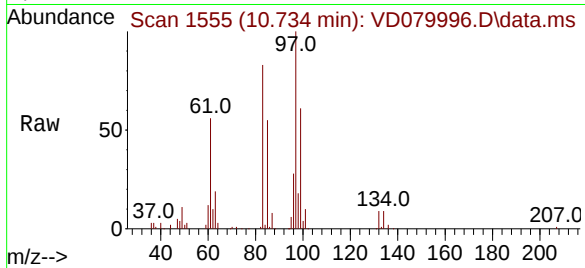
Ion Ratio Lower Upper

97 100

99 61.0 45.2 84.0

83 82.7 61.5 114.3

85 55.3 38.0 70.6



#46

Tetrachloroethene

Concen: 25.158 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079996.D

Acq: 12 Nov 2024 13:19

Tgt Ion:164 Resp: 91126

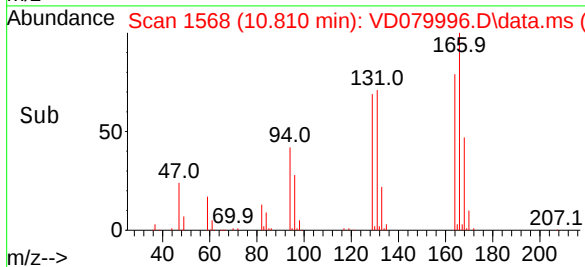
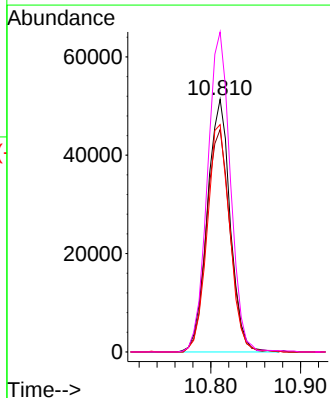
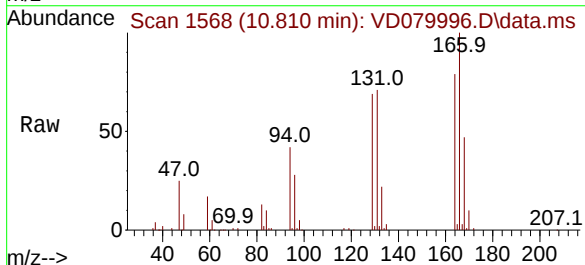
Ion Ratio Lower Upper

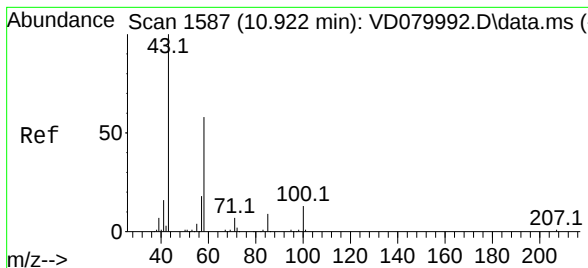
164 100

129 88.0 69.1 128.3

131 90.0 65.4 121.4

166 126.7 95.9 178.1





#48

2-Hexanone

Concen: 43.649 ug/L

RT: 10.916 min Scan# 1586

Delta R.T. -0.006 min

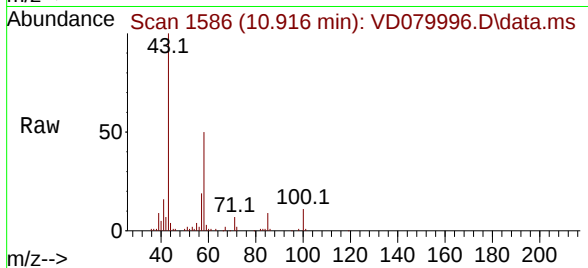
Lab File: VD079996.D

Acq: 12 Nov 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 73719

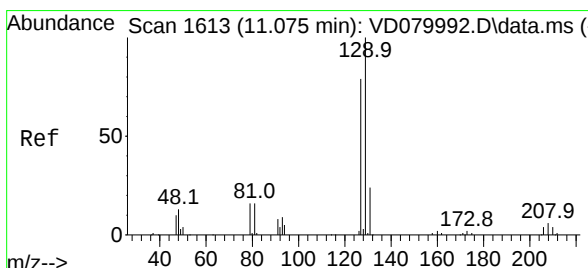
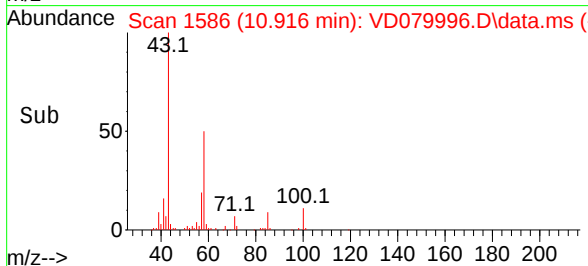
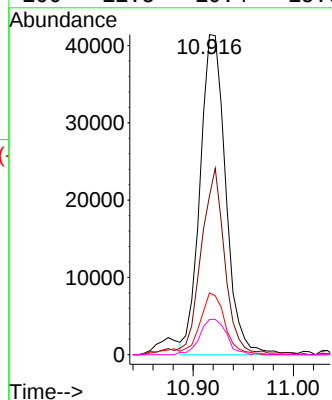
Ion Ratio Lower Upper

43 100

58 53.2 45.9 68.9

57 18.6 15.2 22.8

100 11.5 10.4 15.6



#49

Dibromochloromethane

Concen: 23.275 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. -0.006 min

Lab File: VD079996.D

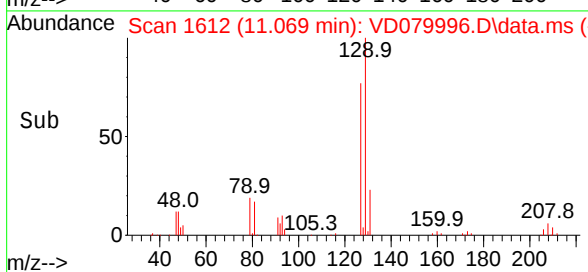
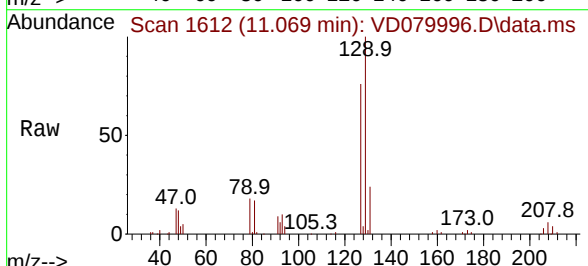
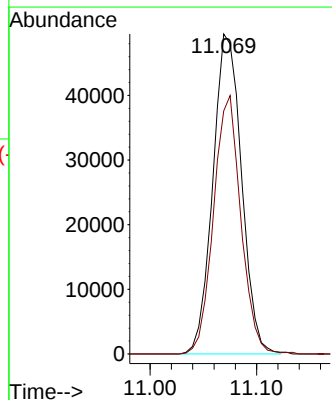
Acq: 12 Nov 2024 13:19

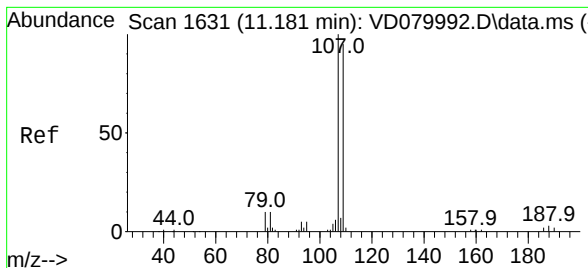
Tgt Ion: 129 Resp: 92635

Ion Ratio Lower Upper

129 100

127 76.0 54.9 102.1





#50

1,2-Dibromoethane

Concen: 22.942 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079996.D

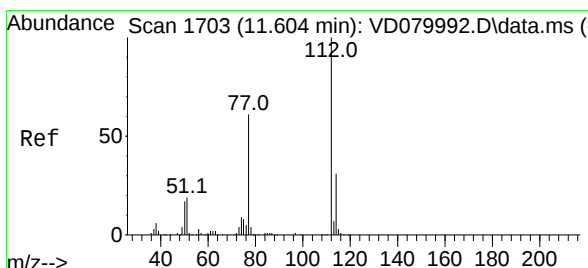
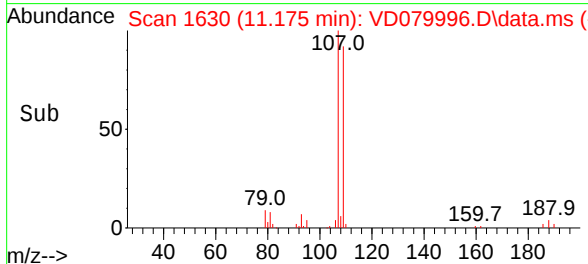
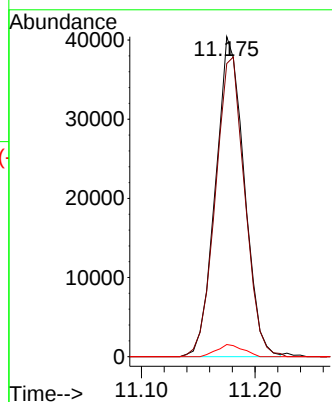
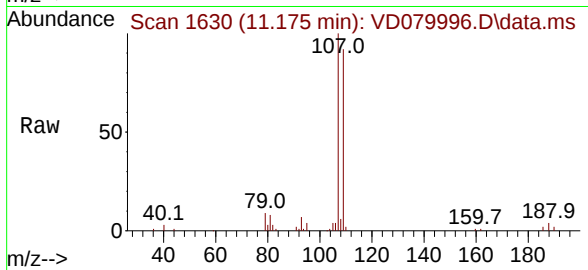
Acq: 12 Nov 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	70738
Ion	Ratio	Lower	Upper
107	100		
109	91.6	66.6	123.8
188	3.8	2.8	4.2



#51

Chlorobenzene

Concen: 26.030 ug/L

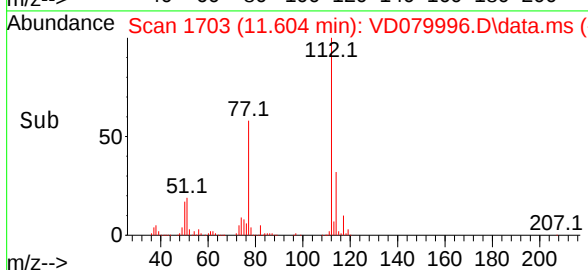
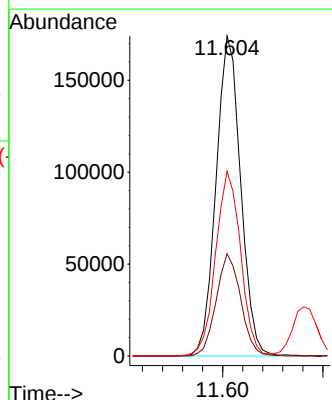
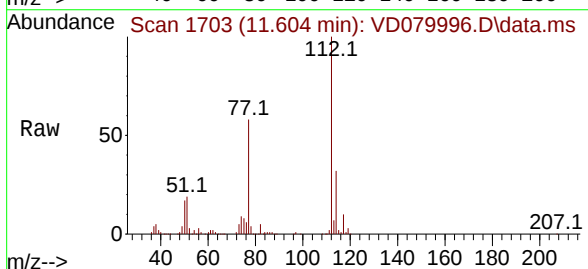
RT: 11.604 min Scan# 1703

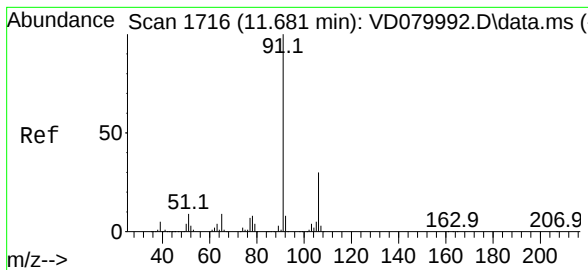
Delta R.T. 0.000 min

Lab File: VD079996.D

Acq: 12 Nov 2024 13:19

Tgt Ion:	112	Resp:	296022
Ion	Ratio	Lower	Upper
112	100		
114	31.9	21.8	40.4
77	57.8	49.1	73.7

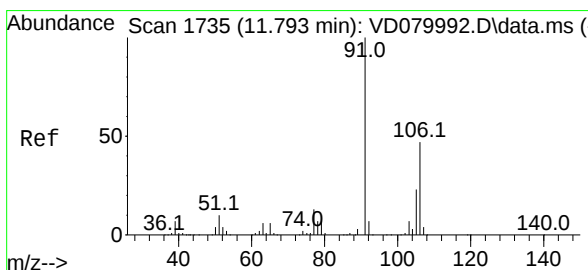
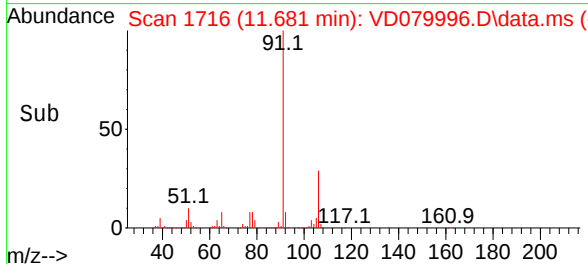
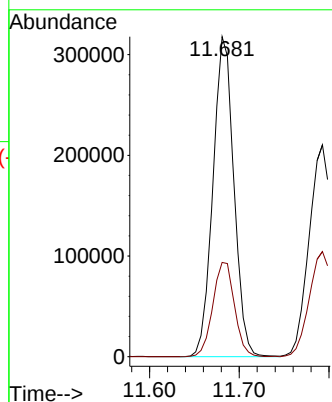
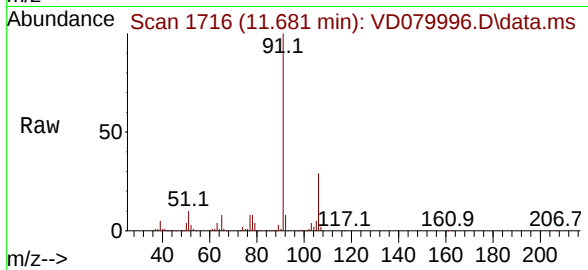




#52
Ethylbenzene
Concen: 27.512 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

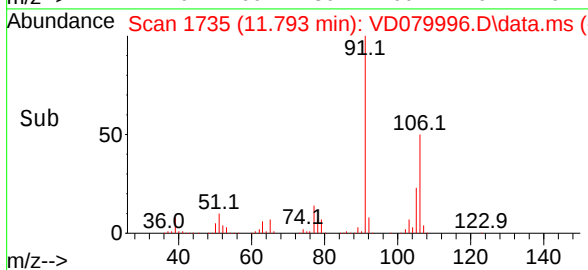
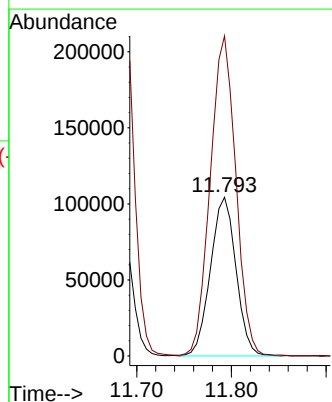
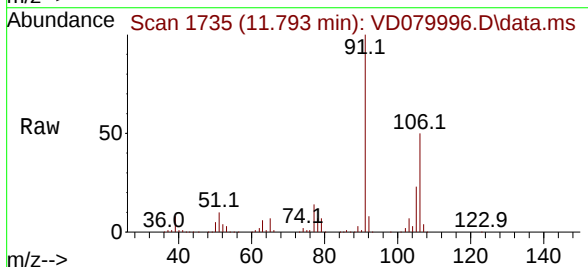
Instrument :
MSVOA_D
ClientSampleId :

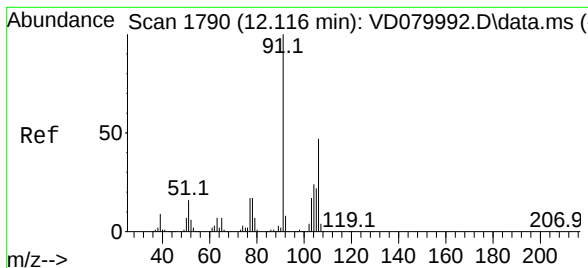
Tgt Ion: 91 Resp: 515016
Ion Ratio Lower Upper
91 100
106 29.4 21.2 39.4



#53
m,p-Xylene
Concen: 27.873 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

Tgt Ion:106 Resp: 195649
Ion Ratio Lower Upper
106 100
91 201.6 149.3 277.3

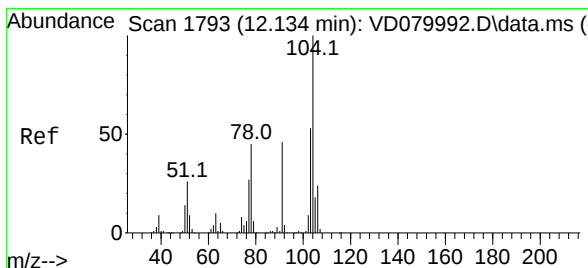
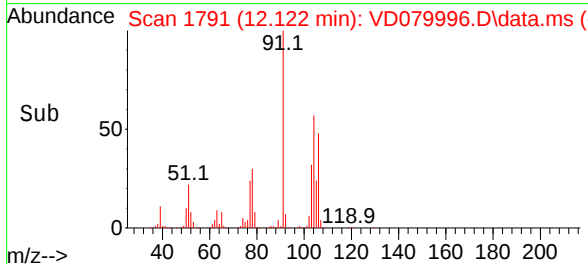
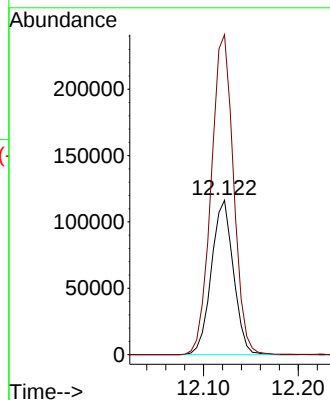
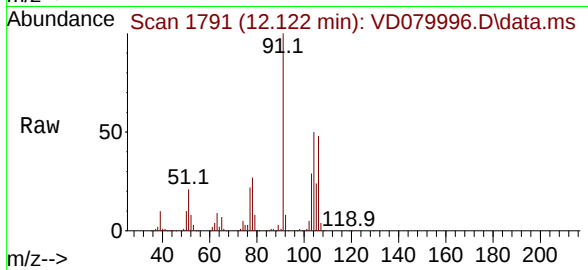




#54
o-Xylene
Concen: 28.077 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

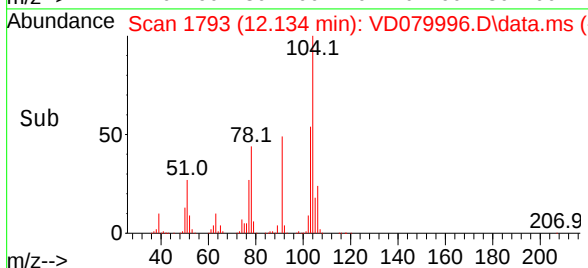
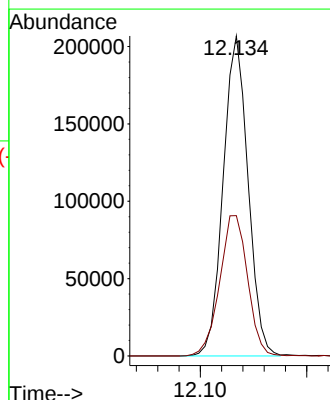
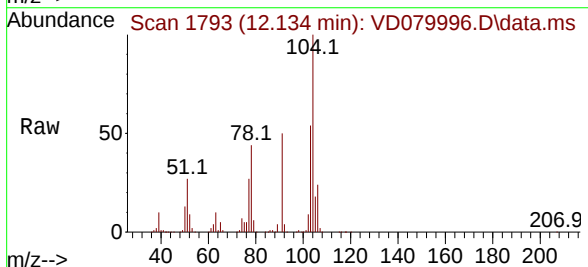
Instrument :
MSVOA_D
ClientSampleId :

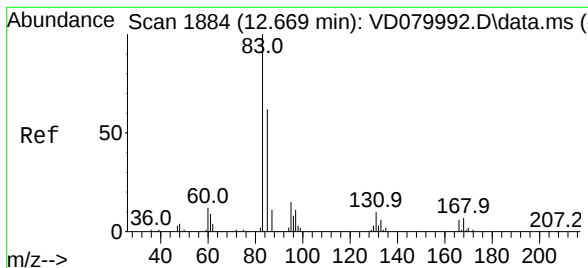
Tgt Ion:106 Resp: 187839
Ion Ratio Lower Upper
106 100
91 207.2 148.0 274.8



#55
Styrene
Concen: 27.783 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

Tgt Ion:104 Resp: 334389
Ion Ratio Lower Upper
104 100
78 43.8 31.6 58.6





#57

1,1,2-Tetrachloroethane

Concen: 21.184 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD079996.D

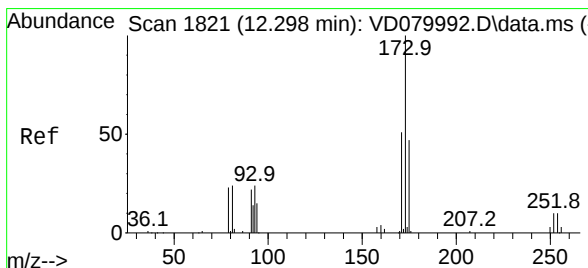
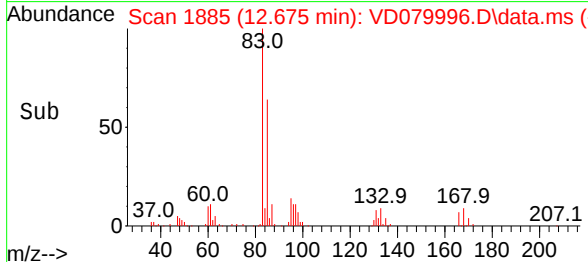
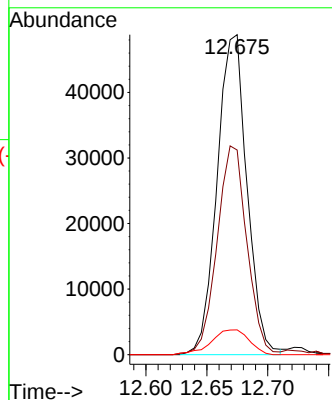
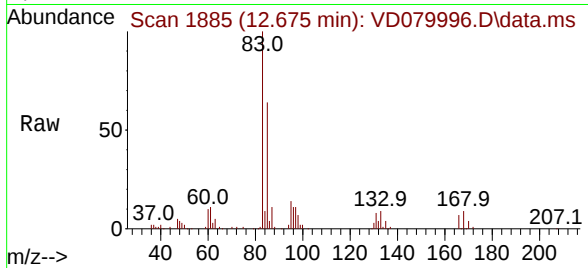
Acq: 12 Nov 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	83150
Ion Ratio	Lower	Upper	
83	100		
85	64.0	44.4	82.4
131	7.7	8.6	13.0#



#59

Bromoform

Concen: 22.437 ug/L

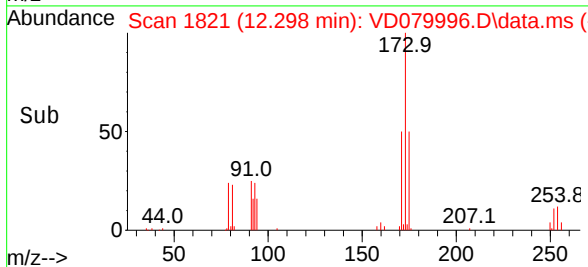
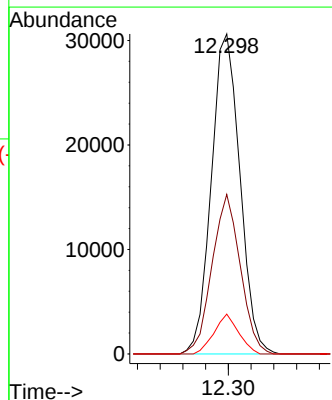
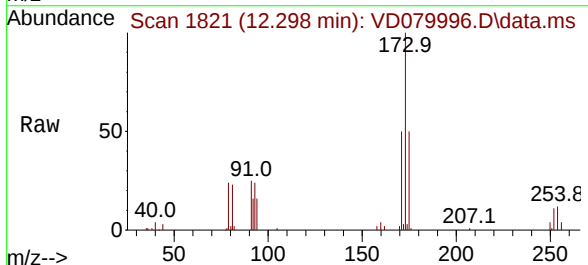
RT: 12.298 min Scan# 1821

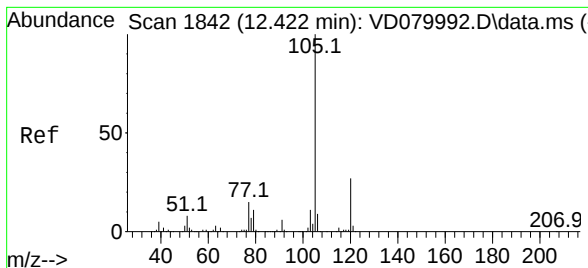
Delta R.T. 0.000 min

Lab File: VD079996.D

Acq: 12 Nov 2024 13:19

Tgt Ion:	173	Resp:	53493
Ion Ratio	Lower	Upper	
173	100		
175	49.4	39.0	58.6
254	10.7	8.3	12.5





#60

Isopropylbenzene

Concen: 28.481 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD079996.D

Acq: 12 Nov 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

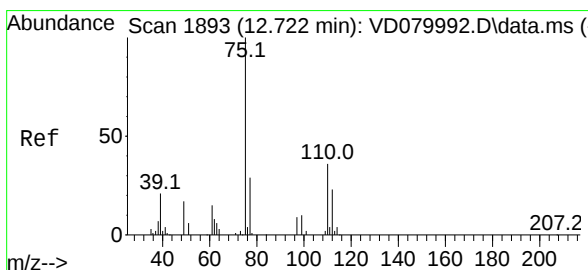
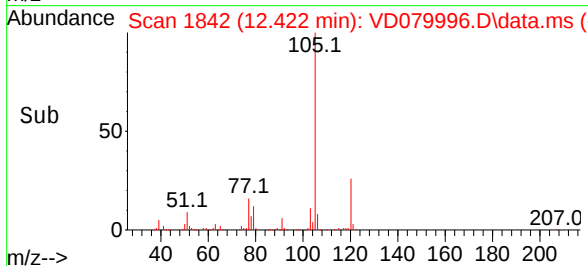
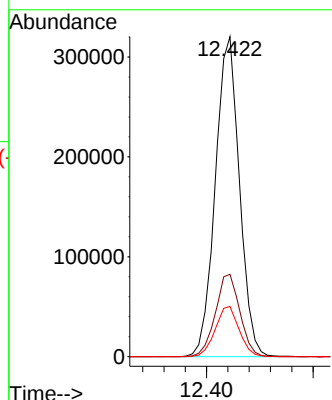
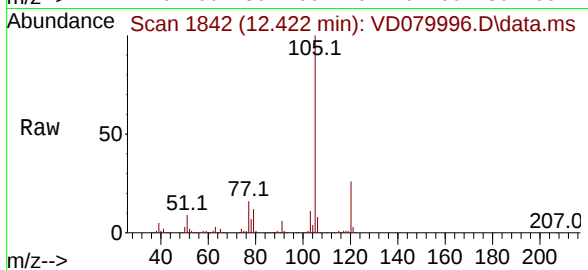
Tgt Ion:105 Resp: 502903

Ion Ratio Lower Upper

105 100

120 26.1 21.3 31.9

77 15.6 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 22.444 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079996.D

Acq: 12 Nov 2024 13:19

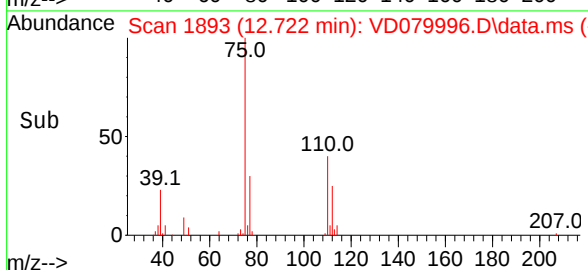
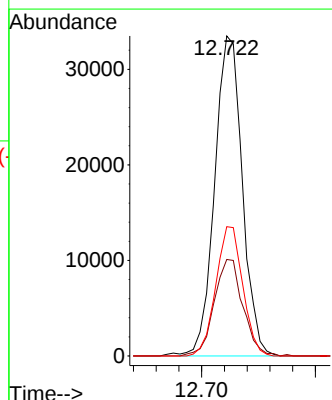
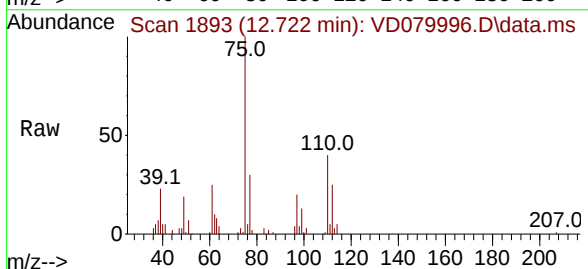
Tgt Ion: 75 Resp: 56509

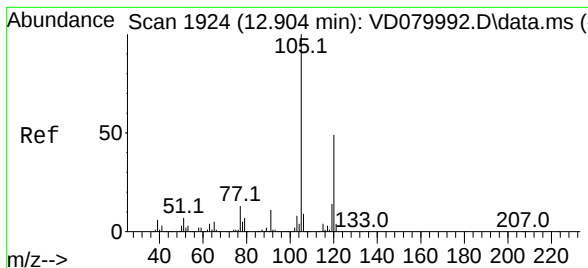
Ion Ratio Lower Upper

75 100

77 31.3 26.3 39.5

110 39.4 30.2 45.2

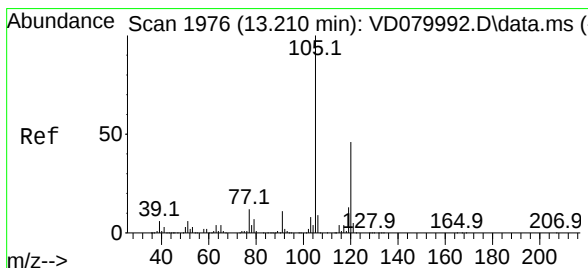
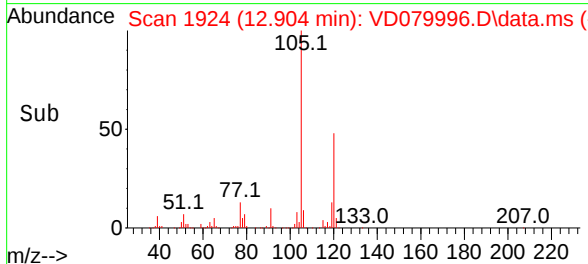
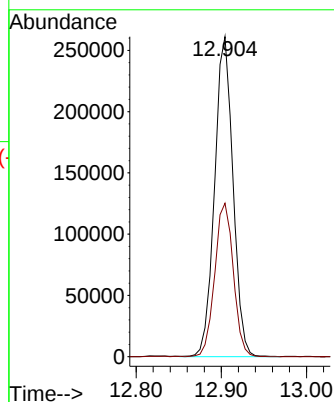
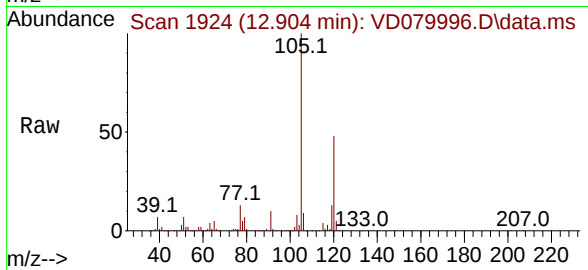




#62
1,3,5-Trimethylbenzene
Concen: 28.257 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

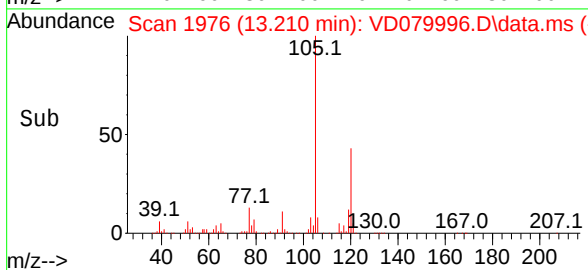
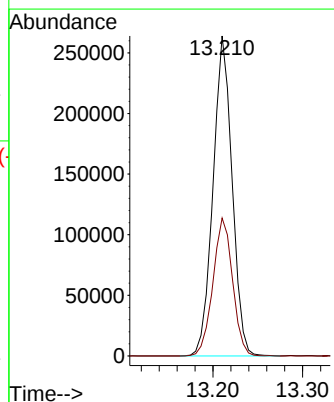
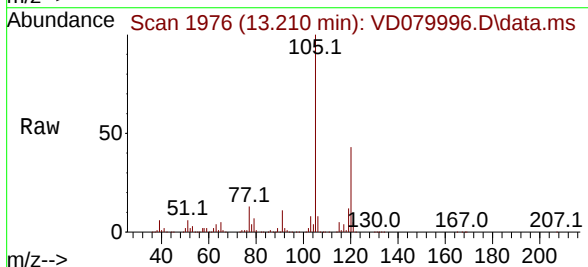
Instrument :
MSVOA_D
ClientSampleId :

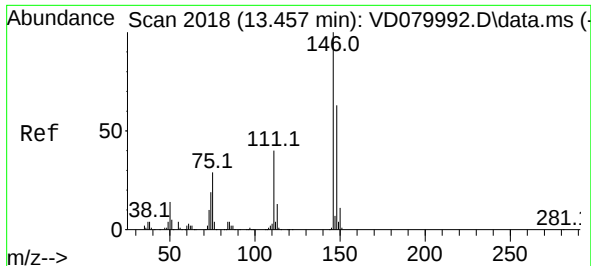
Tgt Ion:105 Resp: 391865
Ion Ratio Lower Upper
105 100
120 48.4 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 28.202 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

Tgt Ion:105 Resp: 389420
Ion Ratio Lower Upper
105 100
120 44.4 36.8 55.2





#64

1,3-Dichlorobenzene

Concen: 26.309 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079996.D

Acq: 12 Nov 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

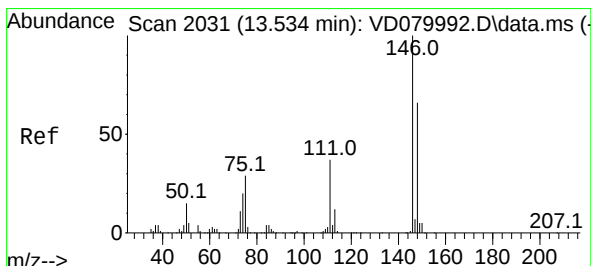
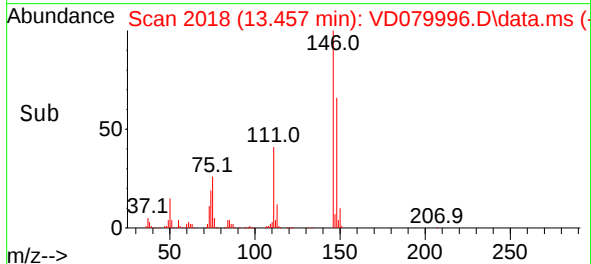
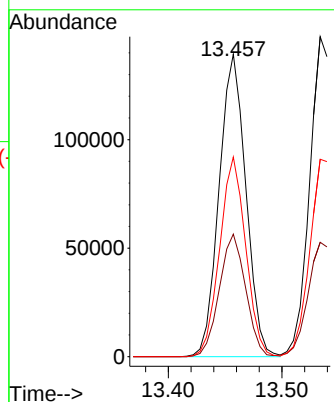
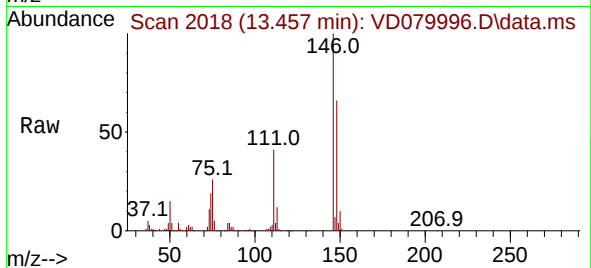
Tgt Ion:146 Resp: 228036

Ion Ratio Lower Upper

146 100

111 40.5 28.2 52.4

148 66.0 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 26.033 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD079996.D

Acq: 12 Nov 2024 13:19

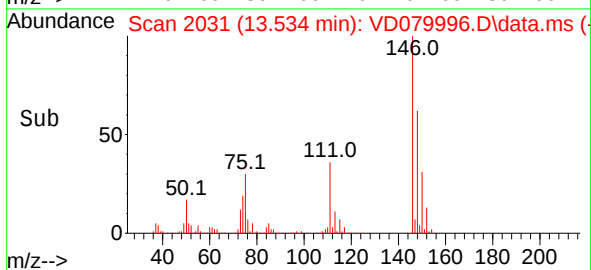
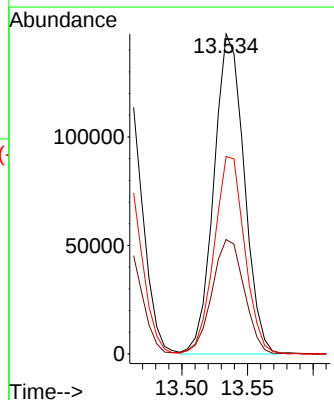
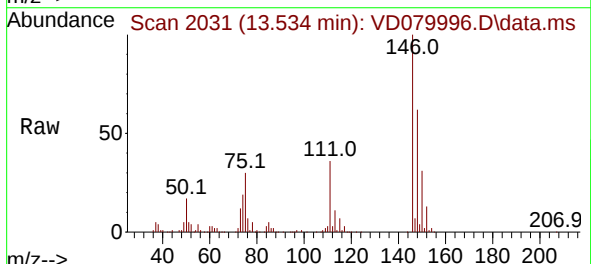
Tgt Ion:146 Resp: 236371

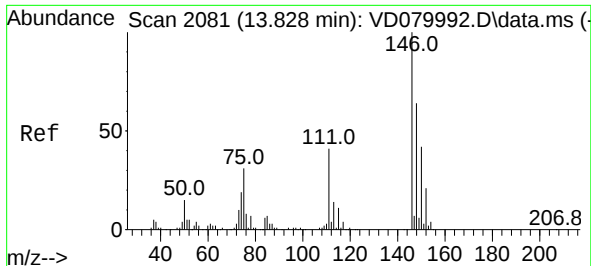
Ion Ratio Lower Upper

146 100

111 35.8 26.2 48.8

148 61.7 46.1 85.5





#67

1,2-Dichlorobenzene

Concen: 25.122 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

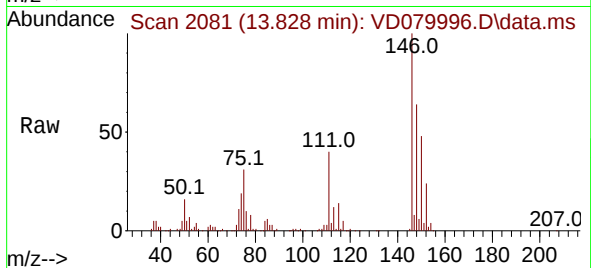
Lab File: VD079996.D

Acq: 12 Nov 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :



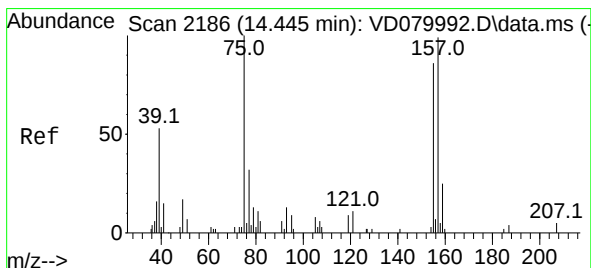
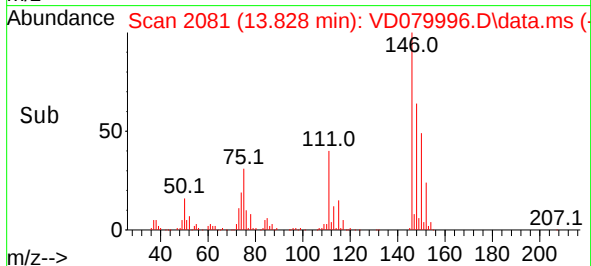
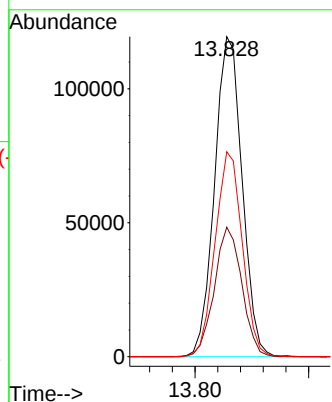
Tgt Ion:146 Resp: 201181

Ion Ratio Lower Upper

146 100

111 40.5 33.0 49.6

148 64.0 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 21.181 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079996.D

Acq: 12 Nov 2024 13:19

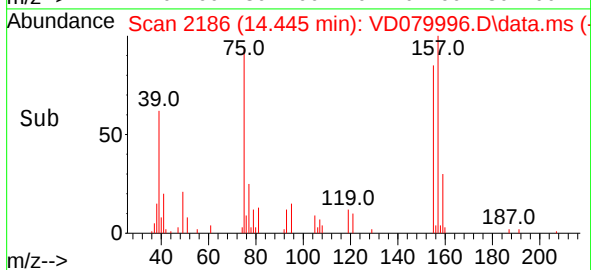
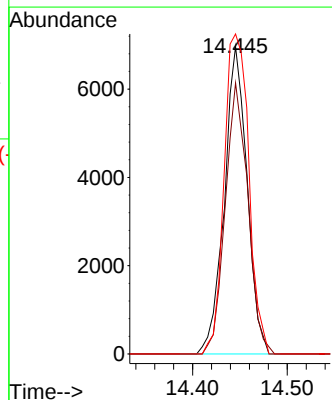
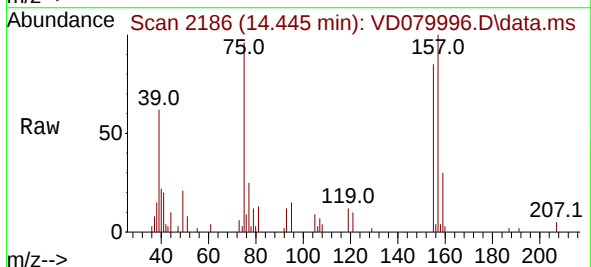
Tgt Ion: 75 Resp: 11621

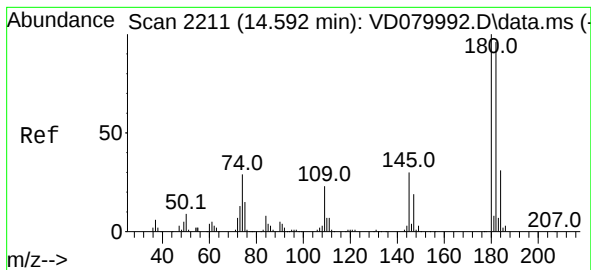
Ion Ratio Lower Upper

75 100

155 88.2 68.7 103.1

157 104.1 79.4 119.2





#69

1,3,5-Trichlorobenzene

Concen: 25.842 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

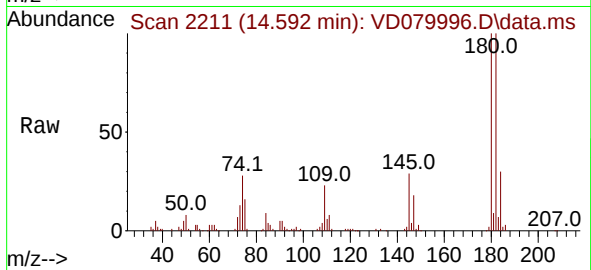
Lab File: VD079996.D

Acq: 12 Nov 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 151297

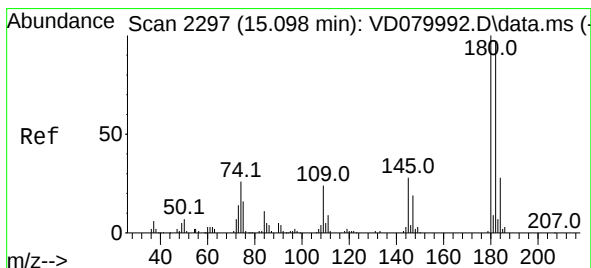
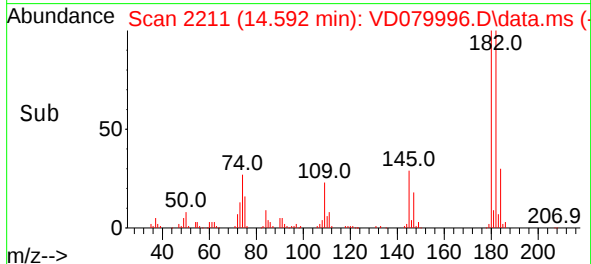
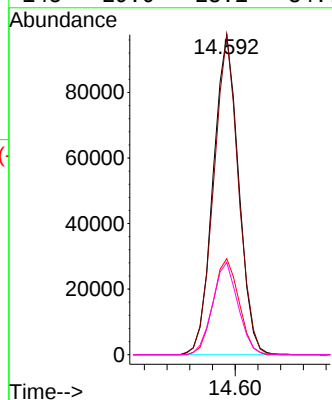
Ion Ratio Lower Upper

180 100

182 97.6 75.8 113.6

184 30.4 24.6 36.8

145 29.0 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 24.055 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD079996.D

Acq: 12 Nov 2024 13:19

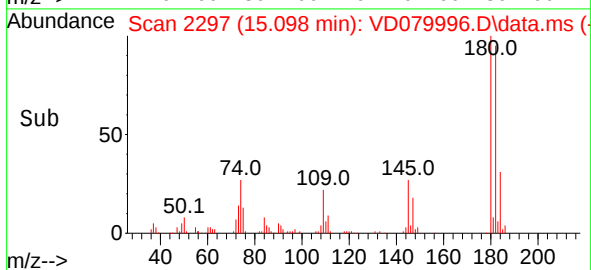
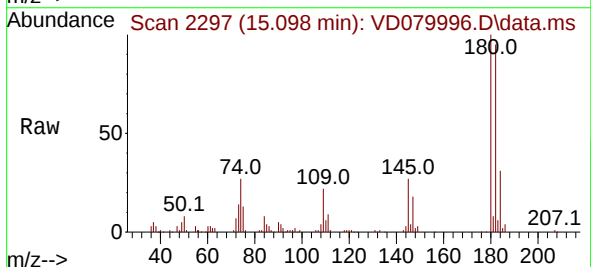
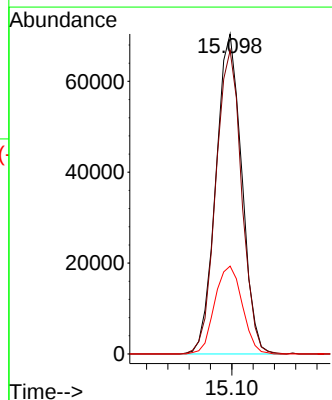
Tgt Ion:180 Resp: 118668

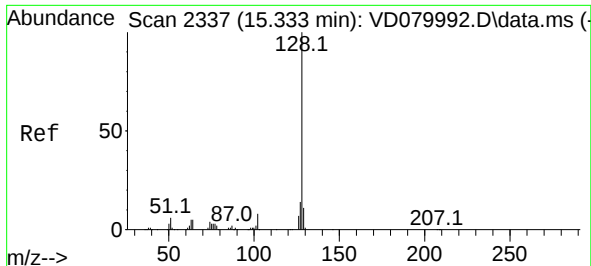
Ion Ratio Lower Upper

180 100

182 94.7 75.9 113.9

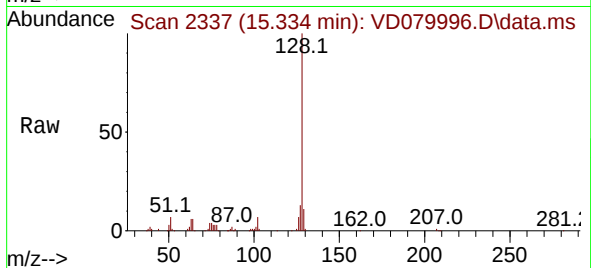
145 29.2 23.0 34.4



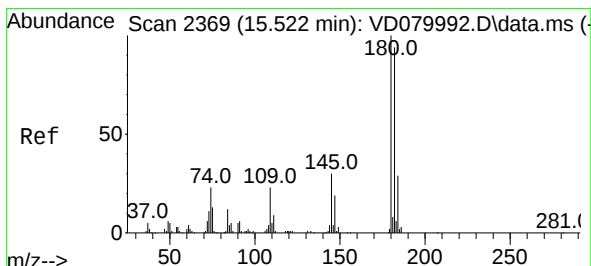
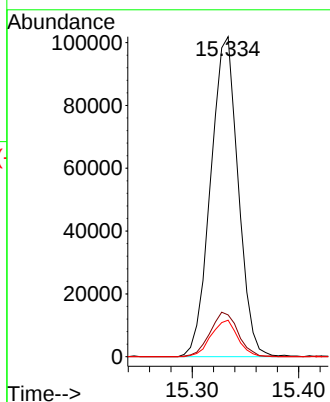
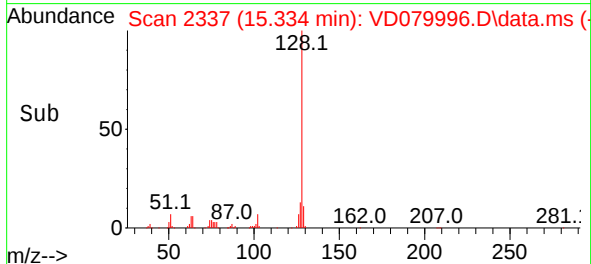


#71
Naphthalene
Concen: 21.664 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19

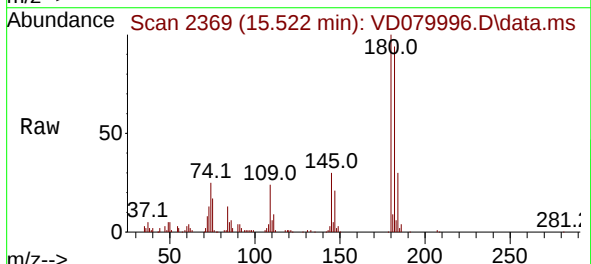
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 182591
Ion Ratio Lower Upper
128 100
127 14.2 11.0 16.6
129 11.1 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 24.776 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD079996.D
Acq: 12 Nov 2024 13:19



Tgt Ion:180 Resp: 107904
Ion Ratio Lower Upper
180 100
182 94.0 75.8 113.8
145 29.7 24.9 37.3

