

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111424\
 Data File : VD080006.D
 Acq On : 14 Nov 2024 10:30
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 15 03:37:17 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	8.781	114	228563	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	225971	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	121301	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	61200	17.964	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.840%
7) Chloroethane-d5	2.811	69	57392	20.333	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.320%
11) 1,1-Dichloroethene-d2	3.928	65	28858	20.663	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.640%
21) 2-Butanone-d5	6.987	46	32453	45.241	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.480%
24) Chloroform-d	7.569	84	159487	24.569	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.280%
26) 1,2-Dichloroethane-d4	8.234	65	82778	23.517	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.080%
32) Benzene-d6	8.204	84	309969	23.852	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	9.210	67	98511	23.498	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.000%
41) Toluene-d8	10.269	98	294055	24.859	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.440%
43) trans-1,3-Dichloroprop...	10.522	79	41817	24.784	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.120%
47) 2-Hexanone-d5	10.875	63	31185	50.522	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.040%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	84901	25.283	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	102952	24.491	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	84203	24.226	ug/L	100
3) Chloromethane	2.152	50	62314	21.920	ug/L	95
5) Vinyl chloride	2.293	62	83145	23.296	ug/L	95
6) Bromomethane	2.699	94	74180	29.417	ug/L	98
8) Chloroethane	2.846	64	49026	21.573	ug/L	99
9) Trichlorofluoromethane	3.181	101	152472	25.542	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	95657	26.499	ug/L	99
12) 1,1-Dichloroethene	3.946	96	77591	25.337	ug/L	95
13) Acetone	4.022	43	44118	51.853	ug/L	97
14) Carbon disulfide	4.281	76	245807	24.030	ug/L	98
15) Methyl Acetate	4.569	43	31986	23.964	ug/L #	86
16) Methylene chloride	4.805	84	96426	25.426	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	87432	25.932	ug/L	95
18) Methyl tert-butyl Ether	5.328	73	167529	25.545	ug/L	99
19) 1,1-Dichloroethane	6.116	63	164556	26.122	ug/L	99
20) cis-1,2-Dichloroethene	7.087	96	98731	26.843	ug/L	94
22) 2-Butanone	7.087	43	48963	48.488	ug/L	97
23) Bromochloromethane	7.434	128	48768	26.700	ug/L	94
25) Chloroform	7.599	83	192499	26.434	ug/L	96

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 Response via : Initial Calibration

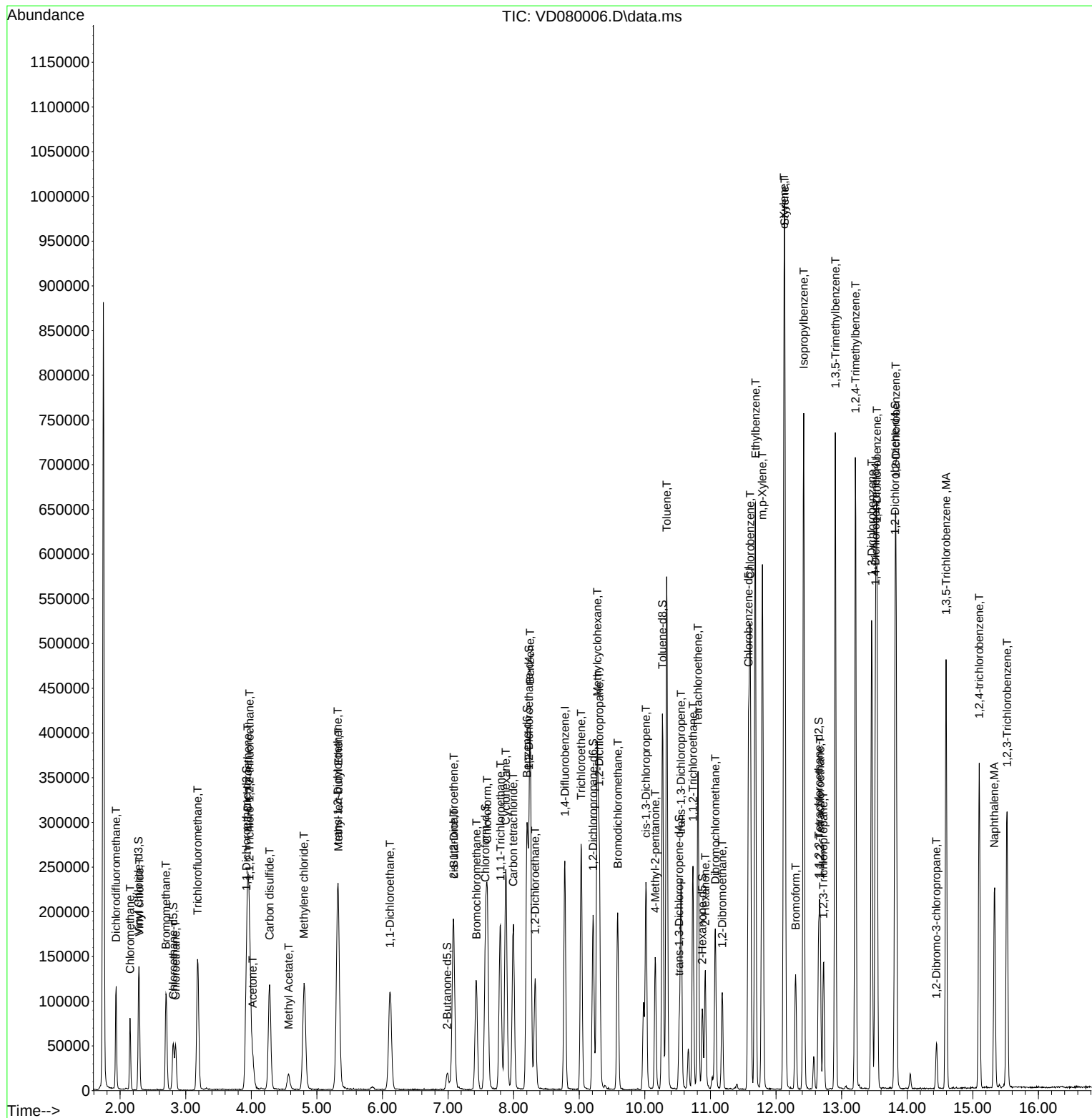
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	109917	25.848	ug/L	100
29) Cyclohexane	7.881	56	130133	26.638	ug/L	97
30) 1,1,1-Trichloroethane	7.799	97	155899	26.961	ug/L	99
31) Carbon tetrachloride	7.993	117	142471	28.062	ug/L	98
33) Benzene	8.252	78	383273	27.141	ug/L	100
34) Trichloroethene	9.028	95	99570	26.293	ug/L	94
35) Methylcyclohexane	9.275	83	151619	27.393	ug/L	98
37) 1,2-Dichloropropane	9.304	63	104505	26.492	ug/L	100
38) Bromodichloromethane	9.587	83	134378	26.732	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	149580	26.249	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	94571	50.774	ug/L	96
42) Toluene	10.334	91	443157	28.728	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	134879	27.480	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	81115	26.991	ug/L	95
46) Tetrachloroethene	10.810	164	86963	26.998	ug/L	96
48) 2-Hexanone	10.922	43	82118	54.674	ug/L	97
49) Dibromochloromethane	11.075	129	95226	26.905	ug/L	97
50) 1,2-Dibromoethane	11.181	107	74511	27.174	ug/L	92
51) Chlorobenzene	11.604	112	273850	27.078	ug/L	95
52) Ethylbenzene	11.687	91	473751	28.458	ug/L	98
53) m,p-Xylene	11.793	106	184502	29.557	ug/L	91
54) o-Xylene	12.122	106	174025	29.251	ug/L	97
55) Styrene	12.134	104	312884	29.232	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	93160	26.688	ug/L	97
59) Bromoform	12.298	173	60082	26.837	ug/L	100
60) Isopropylbenzene	12.422	105	472122	28.473	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	62775	26.552	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	388328	29.820	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	368212	28.398	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	224043	27.527	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	230389	27.022	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	201382	26.779	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	13181	25.584	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	153492	27.919	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	122165	26.372	ug/L	99
71) Naphthalene	15.328	128	200172	25.292	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	112189	27.432	ug/L	100

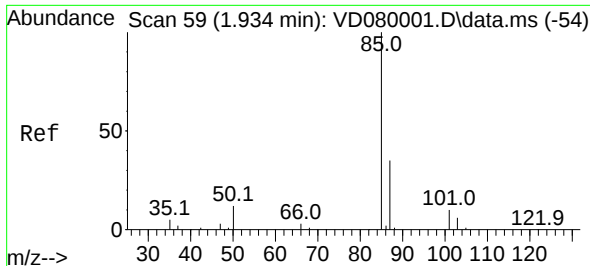
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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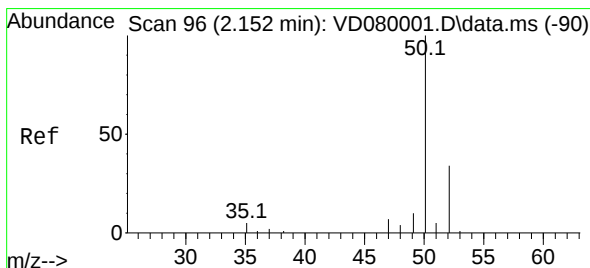
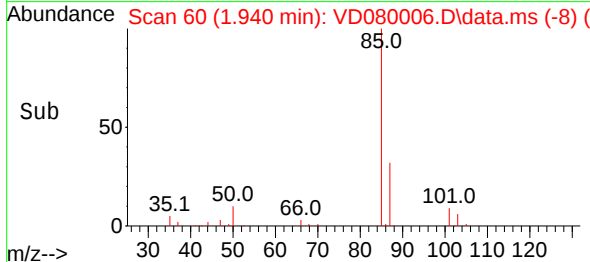
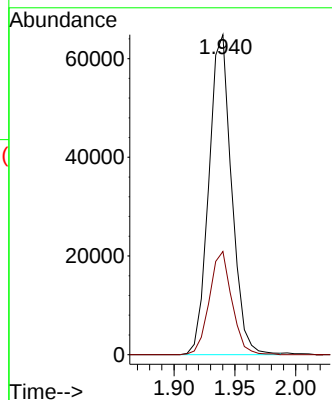
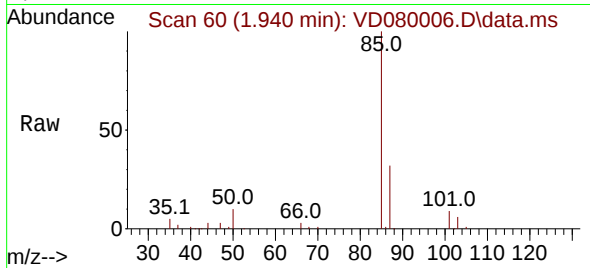




#2
 Dichlorodifluoromethane
 Concen: 24.226 ug/L
 RT: 1.940 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: VD080006.D
 Acq: 14 Nov 2024 10:30

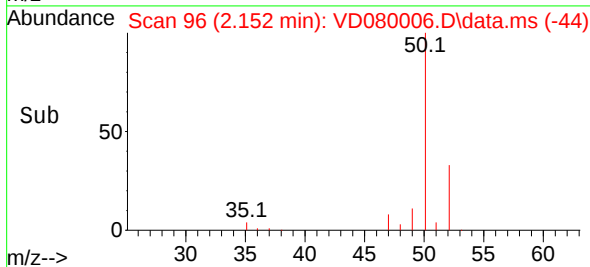
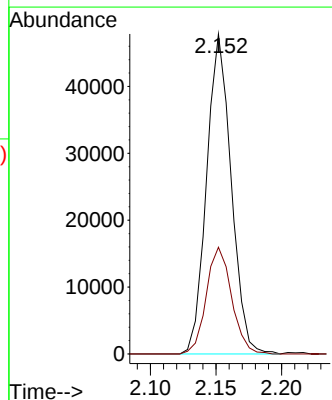
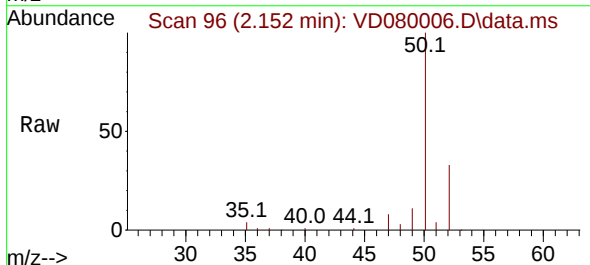
Instrument :
 MSVOA_D
 ClientSampleId :

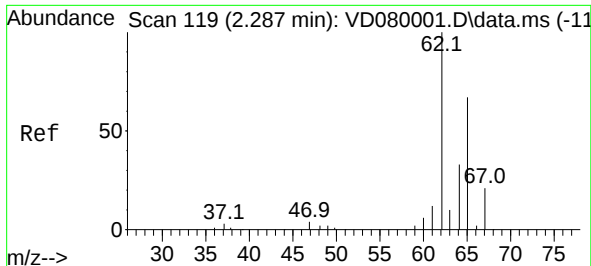
Tgt Ion: 85 Resp: 84203
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.4 38.2



#3
 Chloromethane
 Concen: 21.920 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.006 min
 Lab File: VD080006.D
 Acq: 14 Nov 2024 10:30

Tgt Ion: 50 Resp: 62314
 Ion Ratio Lower Upper
 50 100
 52 33.3 21.6 40.0

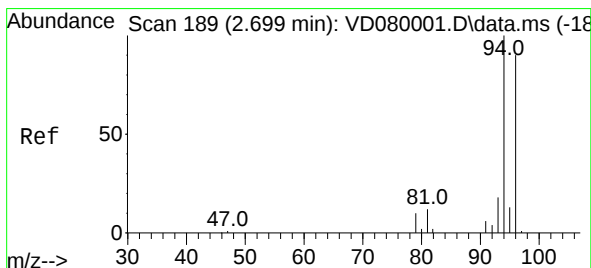
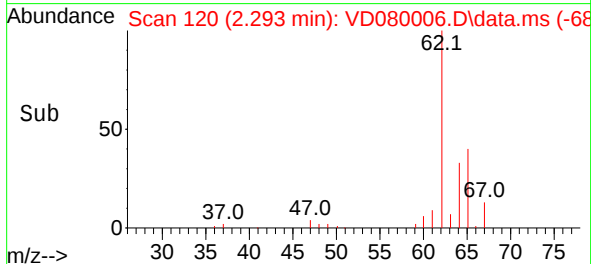
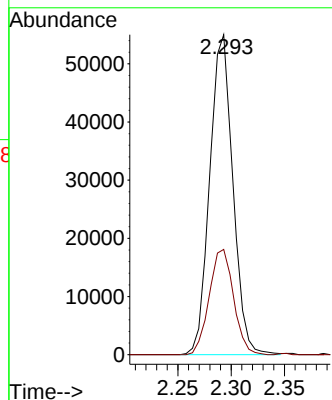
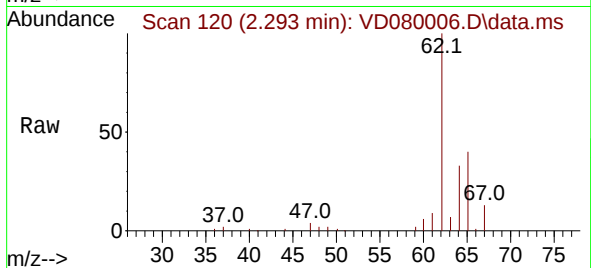




#5
 Vinyl chloride
 Concen: 23.296 ug/L
 RT: 2.293 min Scan# 119
 Delta R.T. 0.006 min
 Lab File: VD080006.D
 Acq: 14 Nov 2024 10:30

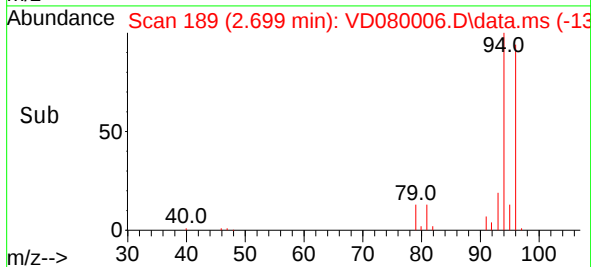
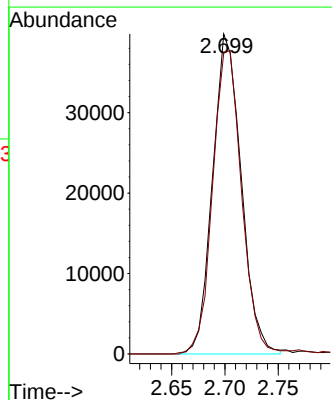
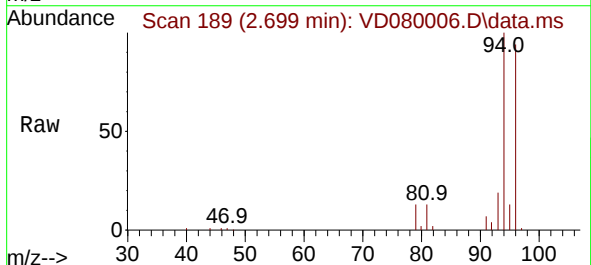
Instrument :
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 ClientSampleId :

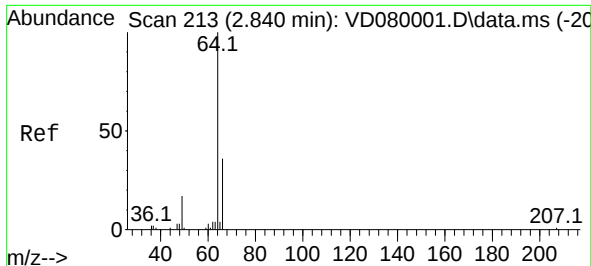
Tgt Ion: 62 Resp: 83145
 Ion Ratio Lower Upper
 62 100
 64 32.9 25.1 46.7



#6
 Bromomethane
 Concen: 29.417 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.006 min
 Lab File: VD080006.D
 Acq: 14 Nov 2024 10:30

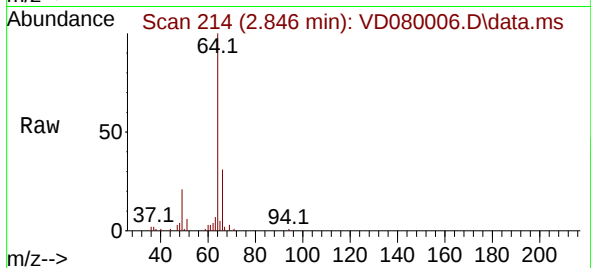
Tgt Ion: 94 Resp: 74180
 Ion Ratio Lower Upper
 94 100
 96 94.0 64.5 119.7



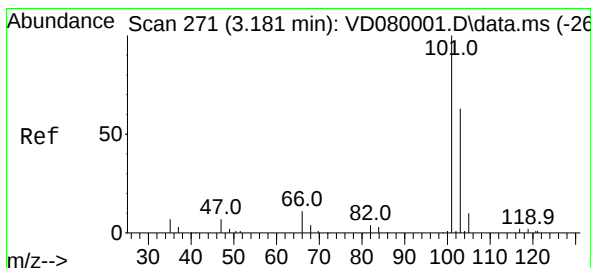
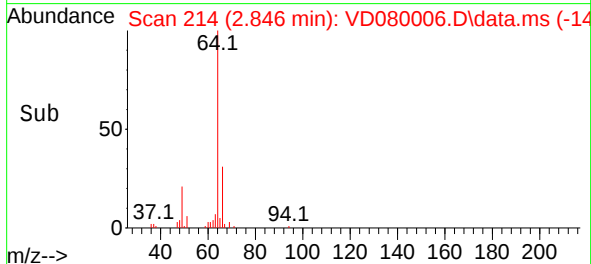
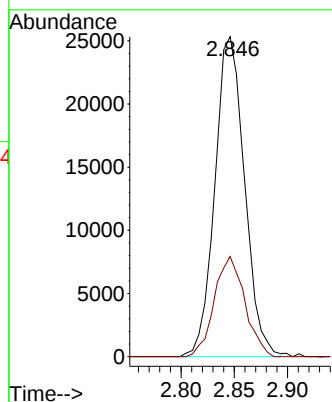


#8
Chloroethane
Concen: 21.573 ug/L
RT: 2.846 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

Instrument :
MSVOA_D
ClientSampleId :

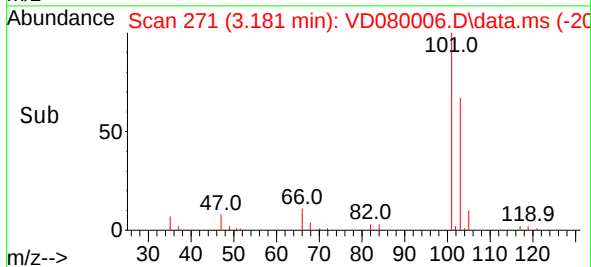
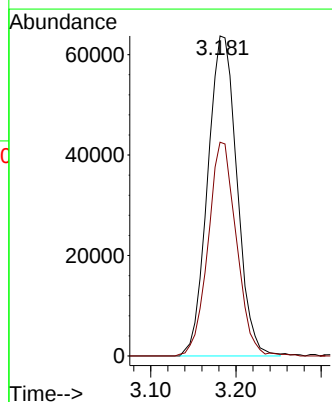
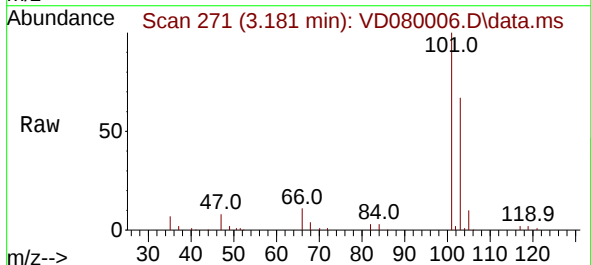


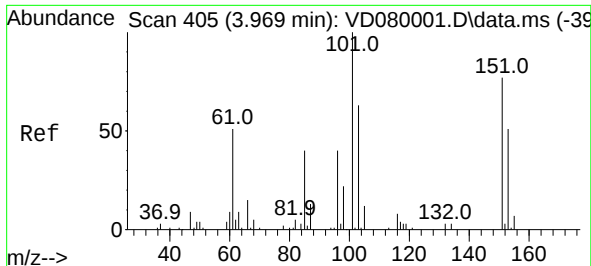
Tgt Ion: 64 Resp: 49026
Ion Ratio Lower Upper
64 100
66 31.3 21.7 40.3



#9
Trichlorofluoromethane
Concen: 25.542 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

Tgt Ion:101 Resp: 152472
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.8





#10

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

Concen: 26.499 ug/L

RT: 3.975 min Scan# 405

Delta R.T. 0.006 min

Lab File: VD080006.D

Acq: 14 Nov 2024 10:30

Instrument :

MSVOA_D

ClientSampleId :

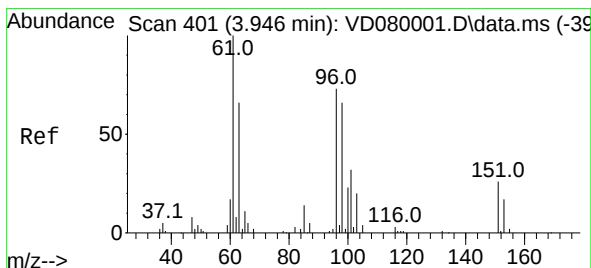
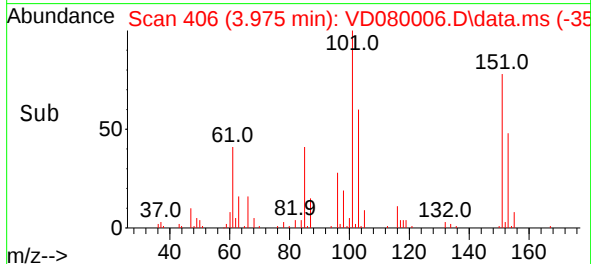
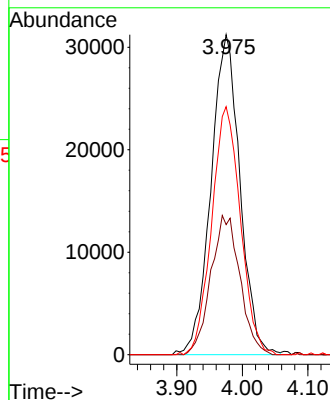
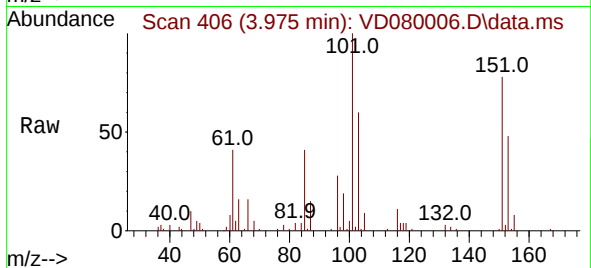
Tgt Ion:101 Resp: 95657

Ion Ratio Lower Upper

101 100

85 43.8 34.9 52.3

151 76.7 60.7 91.1



#12

1,1-Dichloroethene

Concen: 25.337 ug/L

RT: 3.946 min Scan# 401

Delta R.T. 0.000 min

Lab File: VD080006.D

Acq: 14 Nov 2024 10:30

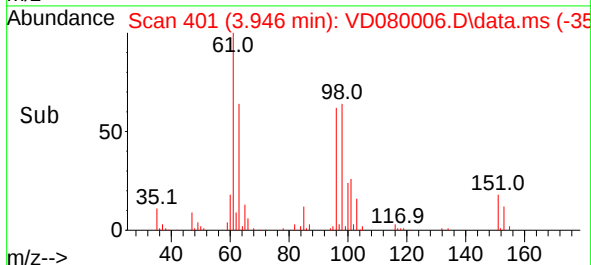
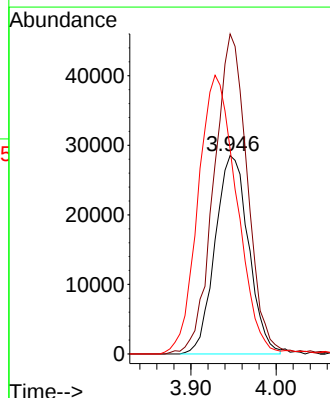
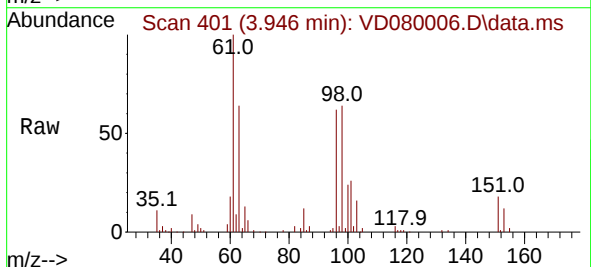
Tgt Ion: 96 Resp: 77591

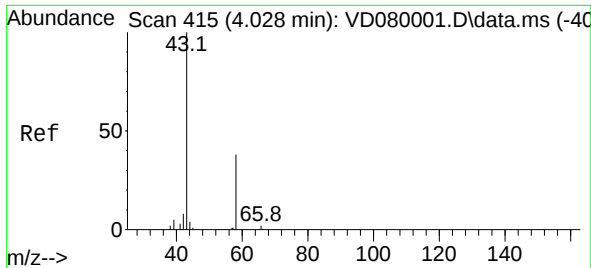
Ion Ratio Lower Upper

96 100

61 161.3 111.2 206.6

63 103.3 78.9 146.5





#13

Acetone

Concen: 51.853 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD080006.D

Acq: 14 Nov 2024 10:30

Instrument :

MSVOA_D

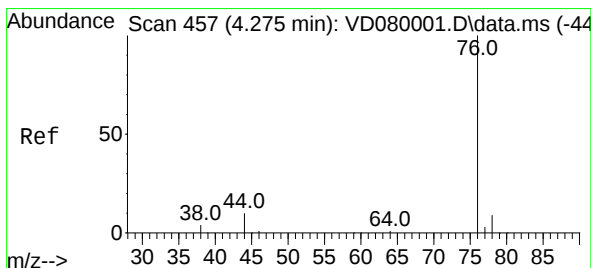
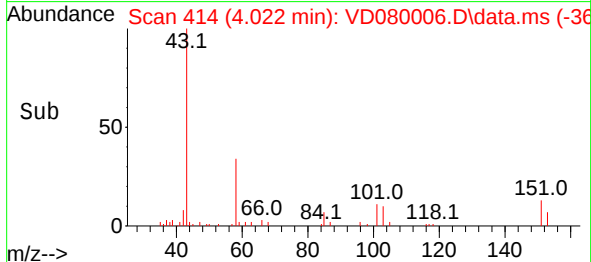
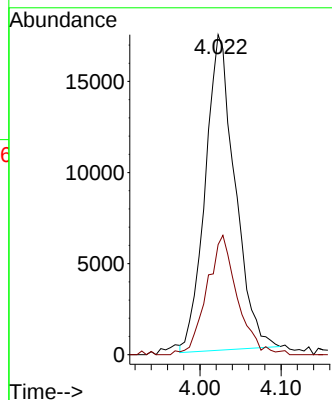
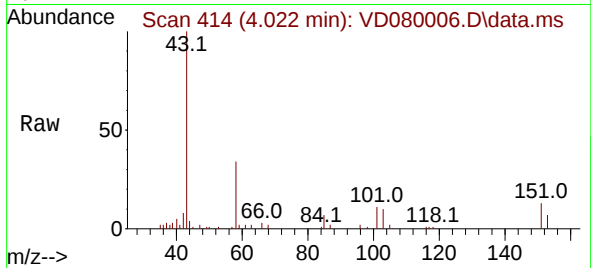
ClientSampleId :

Tgt Ion: 43 Resp: 44118

Ion Ratio Lower Upper

43 100

58 37.7 0.0 71.8



#14

Carbon disulfide

Concen: 24.030 ug/L

RT: 4.281 min Scan# 458

Delta R.T. 0.006 min

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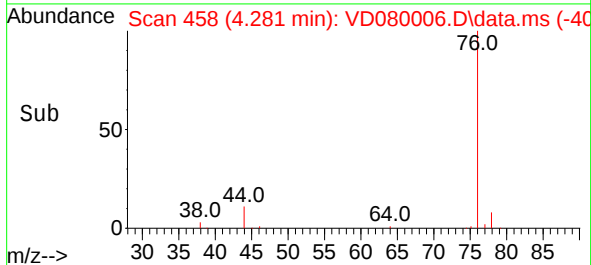
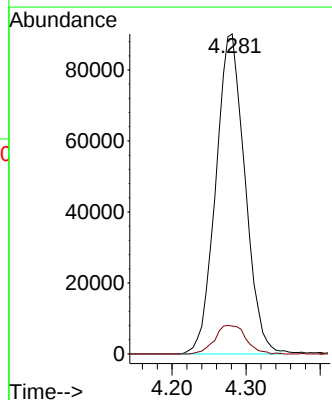
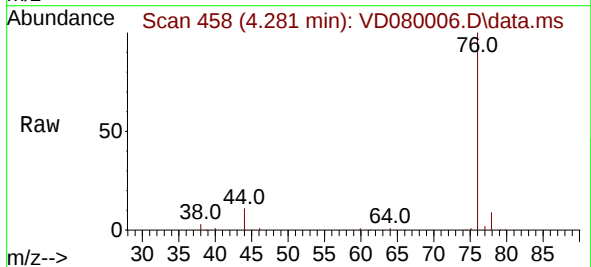
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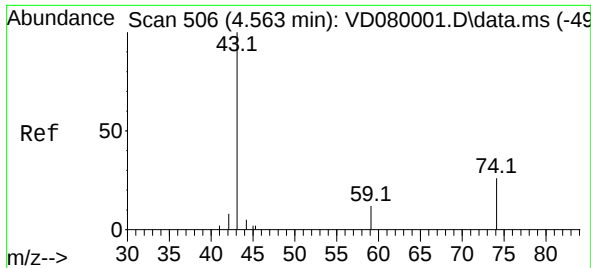
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Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2

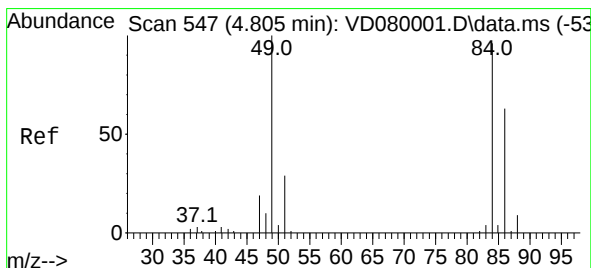
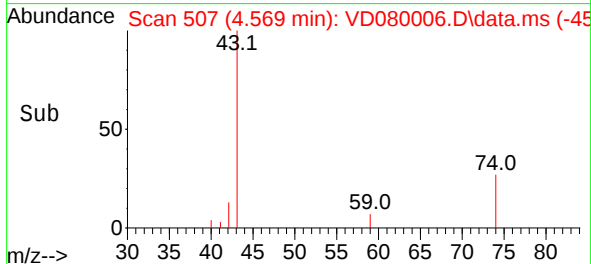
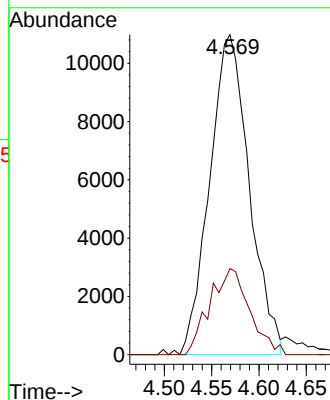
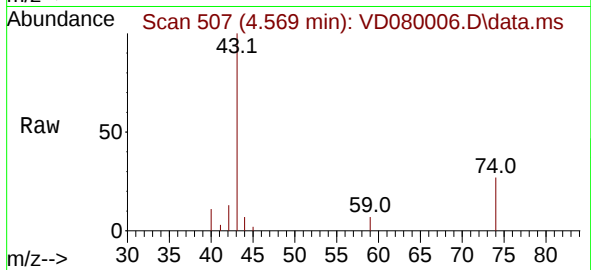




#15
Methyl Acetate
Concen: 23.964 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

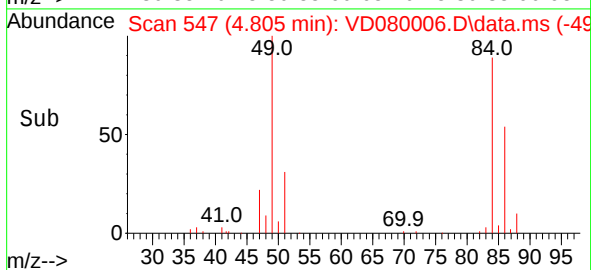
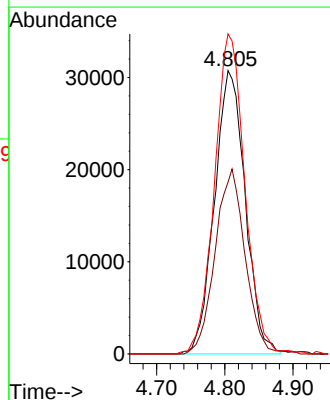
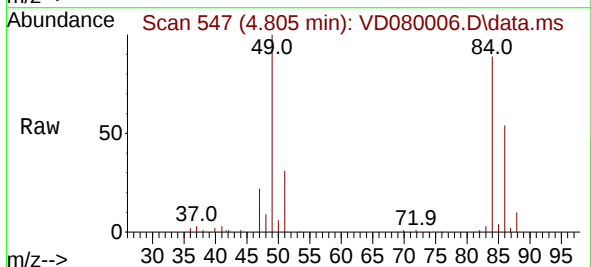
Instrument :
MSVOA_D
ClientSampleId :

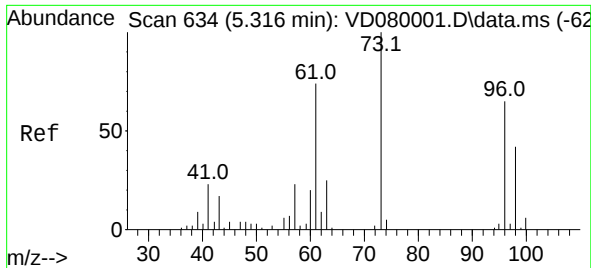
Tgt Ion: 43 Resp: 31986
Ion Ratio Lower Upper
43 100
74 17.9 0.2 0.2#



#16
Methylene chloride
Concen: 25.426 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

Tgt Ion: 84 Resp: 96426
Ion Ratio Lower Upper
84 100
86 60.6 45.4 84.4
49 112.9 77.3 143.7

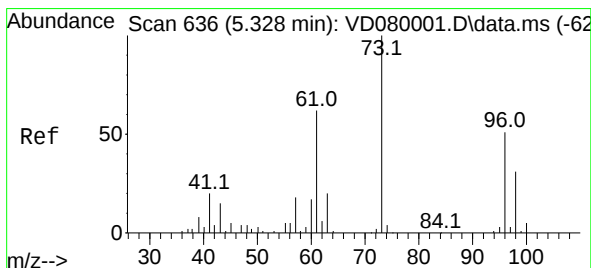
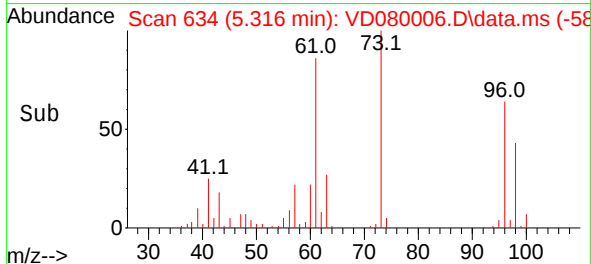
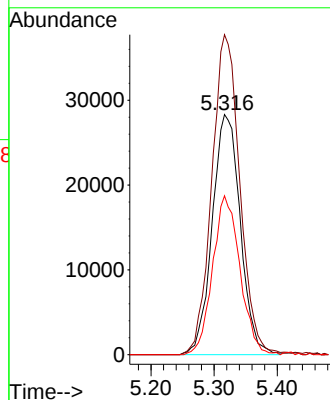
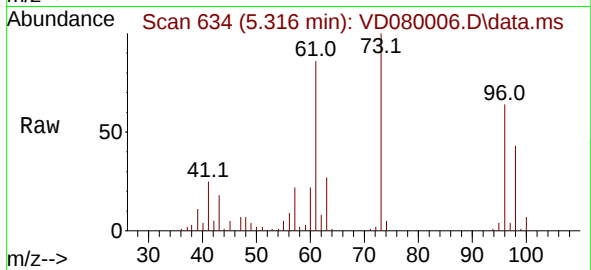




#17
trans-1,2-Dichloroethene
Concen: 25.932 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

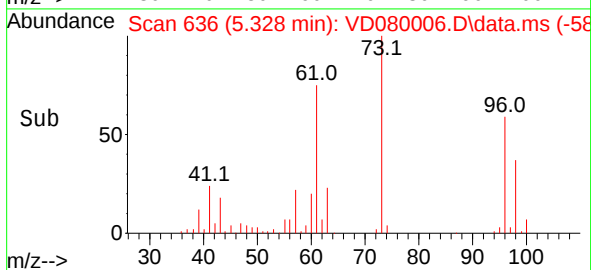
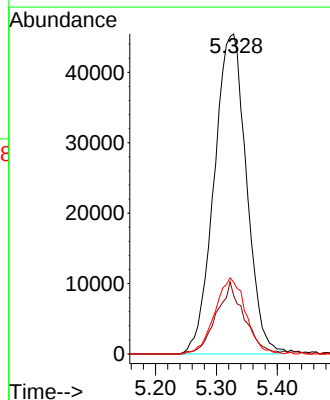
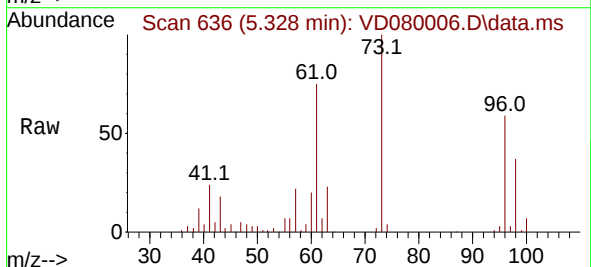
Instrument :
MSVOA_D
ClientSampleId :

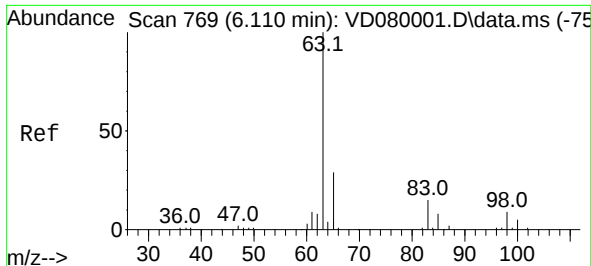
Tgt Ion: 96 Resp: 87432
Ion Ratio Lower Upper
96 100
61 133.2 91.1 169.3
98 66.1 41.6 77.2



#18
Methyl tert-butyl Ether
Concen: 25.545 ug/L
RT: 5.328 min Scan# 636
Delta R.T. 0.006 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

Tgt Ion: 73 Resp: 167529
Ion Ratio Lower Upper
73 100
43 19.5 16.1 24.1
57 22.7 18.5 27.7

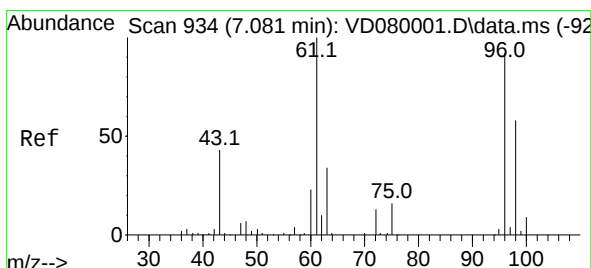
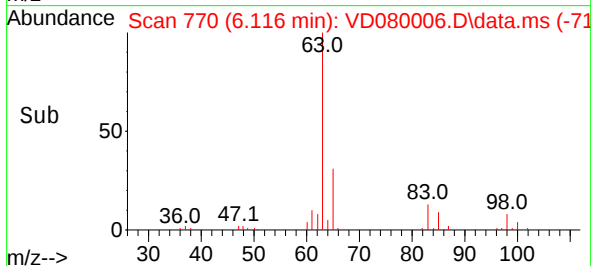
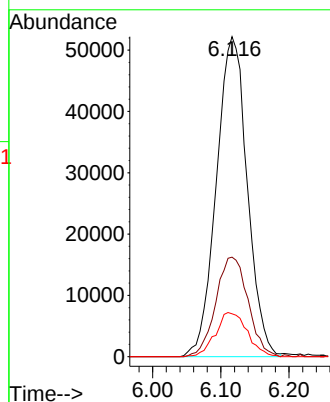
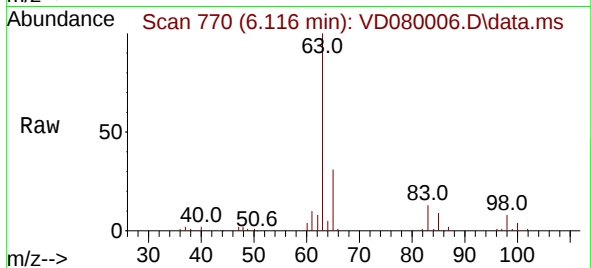




#19
1,1-Dichloroethane
Concen: 26.122 ug/L
RT: 6.116 min Scan# 71
Delta R.T. 0.006 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

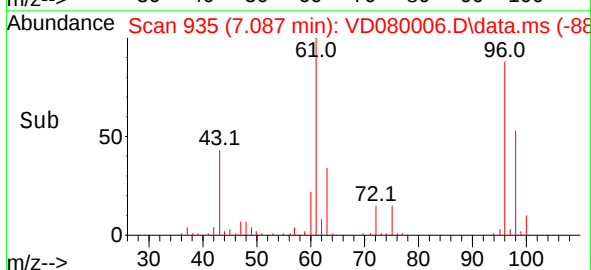
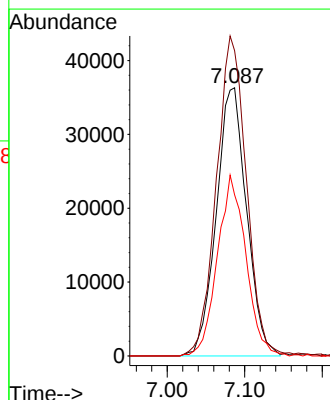
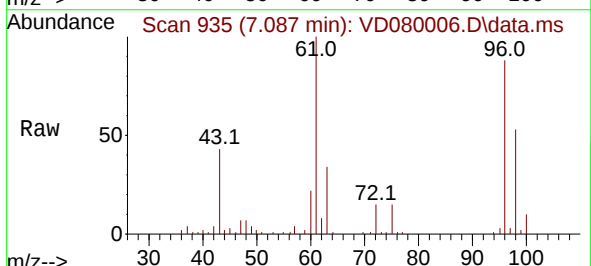
Instrument :
MSVOA_D
ClientSampleId :

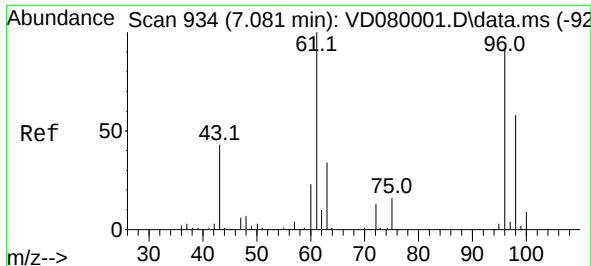
Tgt Ion: 63 Resp: 164556
Ion Ratio Lower Upper
63 100
65 31.1 21.9 40.7
83 13.4 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 26.843 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

Tgt Ion: 96 Resp: 98731
Ion Ratio Lower Upper
96 100
61 113.8 84.8 157.4
98 60.1 44.4 82.5





#22

2-Butanone

Concen: 48.488 ug/L

RT: 7.087 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD080006.D

Acq: 14 Nov 2024 10:30

Instrument :

MSVOA_D

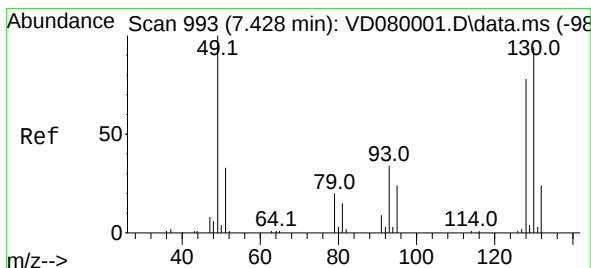
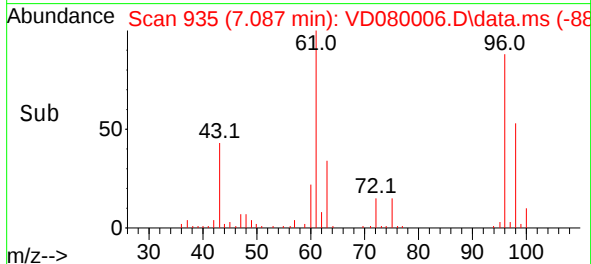
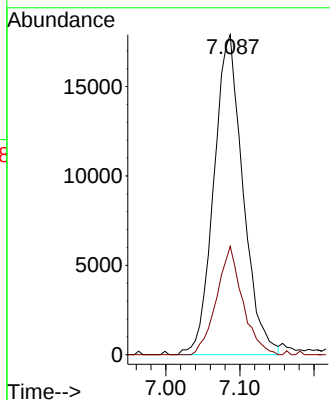
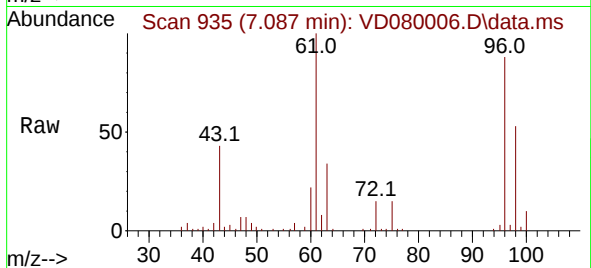
ClientSampleId :

Tgt Ion: 43 Resp: 48963

Ion Ratio Lower Upper

43 100

72 30.1 14.3 42.9



#23

Bromochloromethane

Concen: 26.700 ug/L

RT: 7.434 min Scan# 994

Delta R.T. 0.006 min

Lab File: VD080006.D

Acq: 14 Nov 2024 10:30

Tgt Ion:128 Resp: 48768

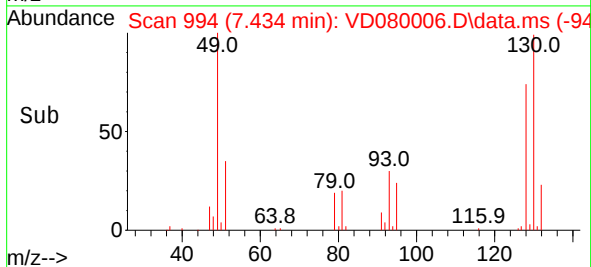
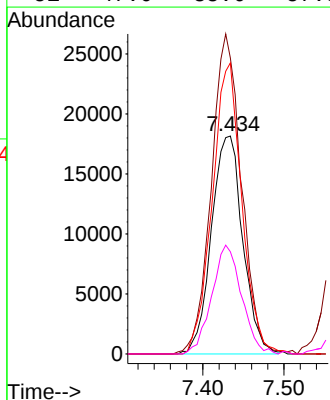
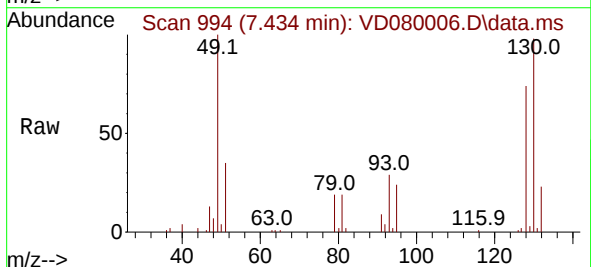
Ion Ratio Lower Upper

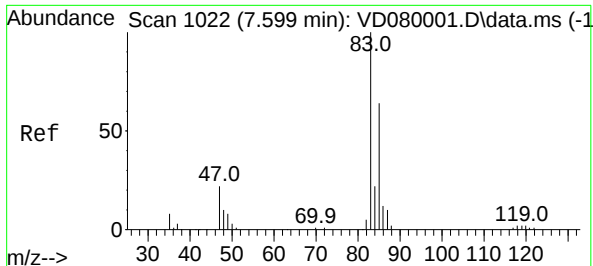
128 100

49 135.9 103.2 191.6

130 133.6 90.6 168.2

51 47.0 38.6 57.8

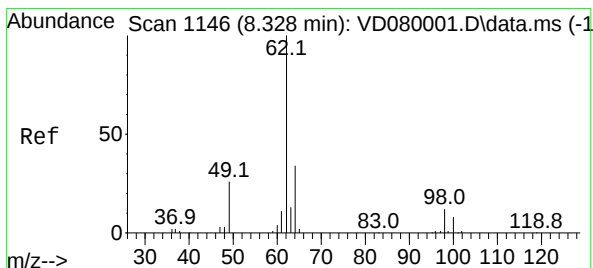
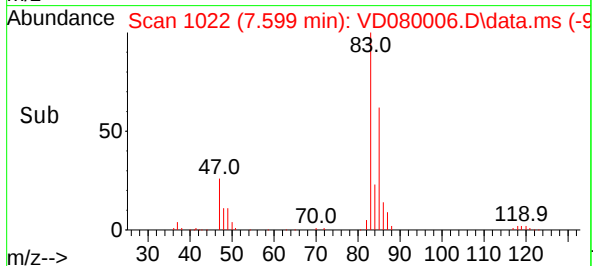
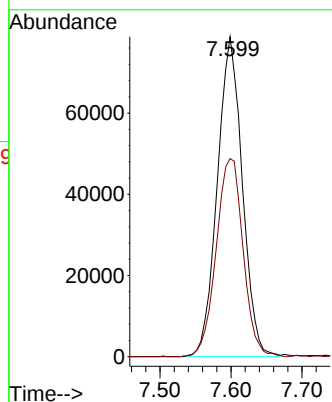
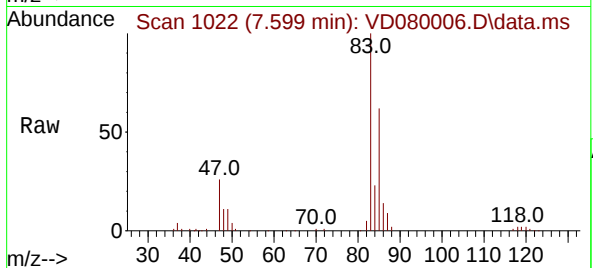




#25
Chloroform
Concen: 26.434 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

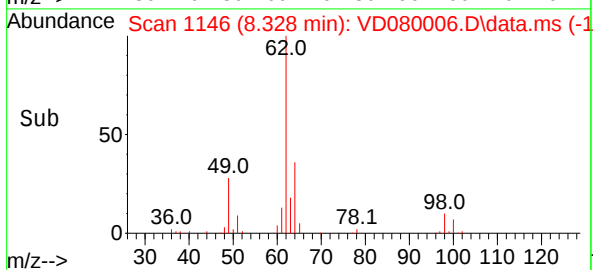
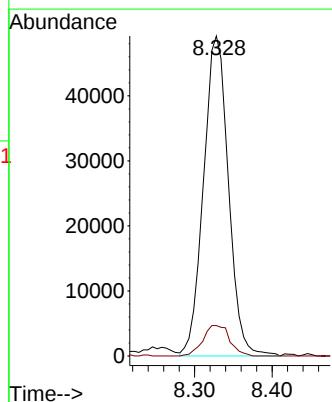
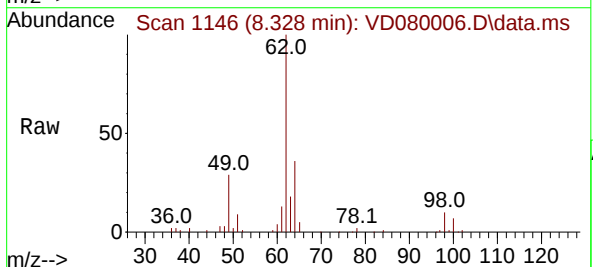
Instrument :
MSVOA_D
ClientSampleId :

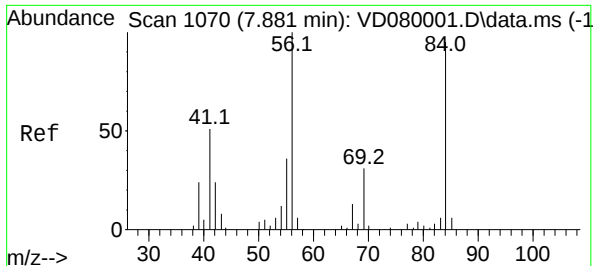
Tgt Ion: 83 Resp: 192499
Ion Ratio Lower Upper
83 100
85 61.9 45.6 84.6



#27
1,2-Dichloroethane
Concen: 25.848 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

Tgt Ion: 62 Resp: 109917
Ion Ratio Lower Upper
62 100
98 9.5 7.5 11.3

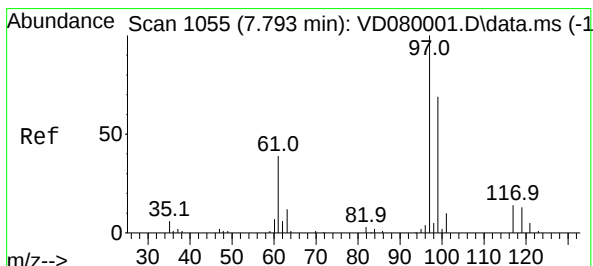
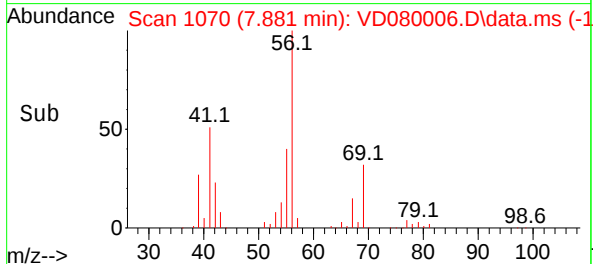
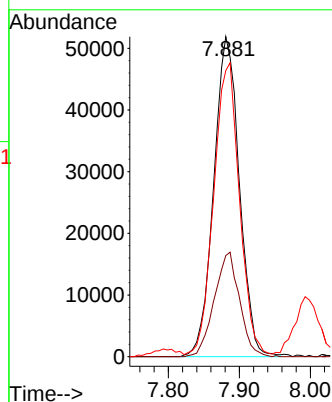
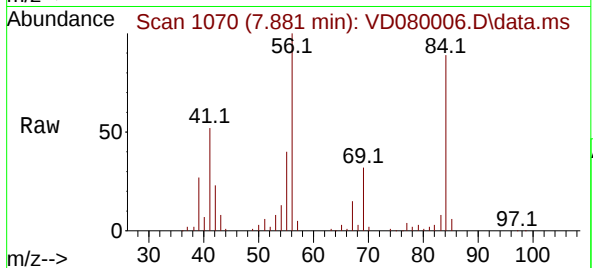




#29
Cyclohexane
Concen: 26.638 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

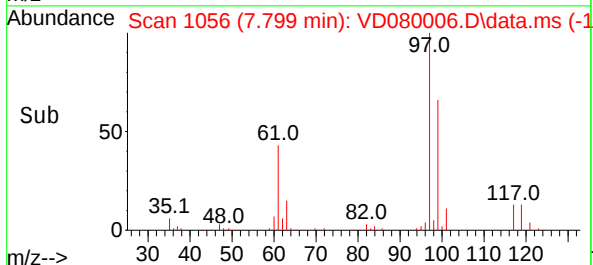
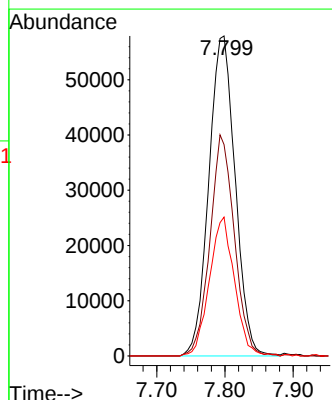
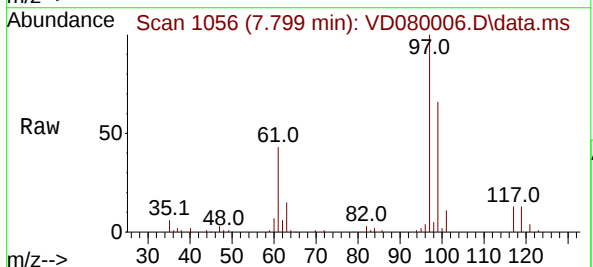
Instrument :
MSVOA_D
ClientSampleId :

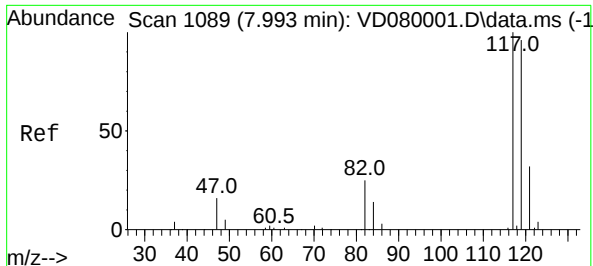
Tgt Ion: 56 Resp: 130133
Ion Ratio Lower Upper
56 100
69 32.0 25.6 38.4
84 92.2 71.0 106.6



#30
1,1,1-Trichloroethane
Concen: 26.961 ug/L
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

Tgt Ion: 97 Resp: 155899
Ion Ratio Lower Upper
97 100
99 64.2 51.5 77.3
61 41.3 34.3 51.5

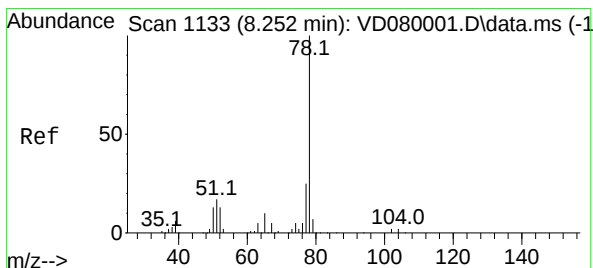
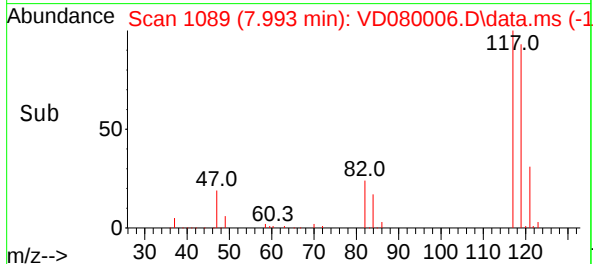
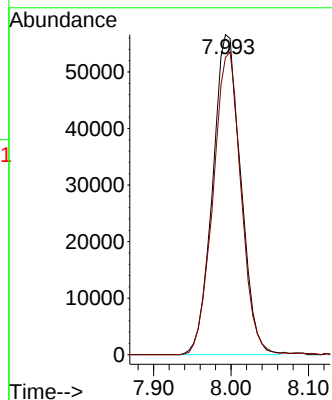
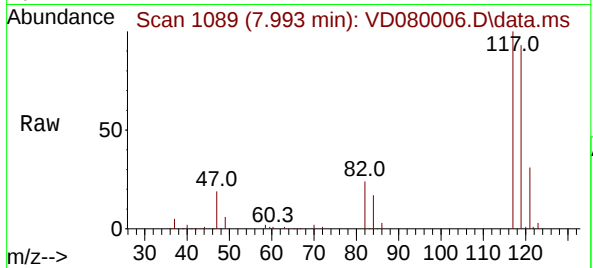




#31
Carbon tetrachloride
Concen: 28.062 ug/L
RT: 7.993 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

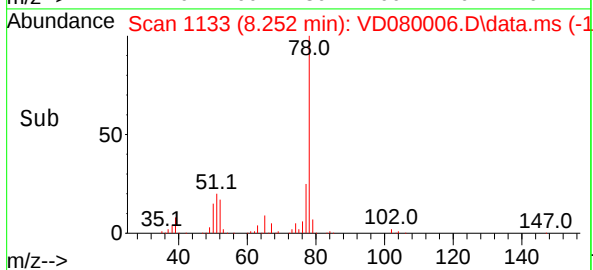
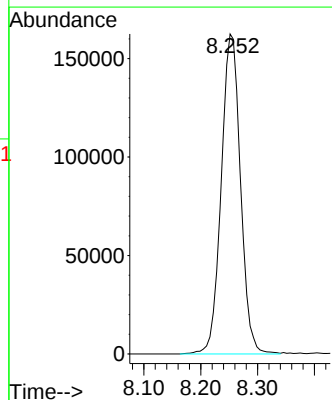
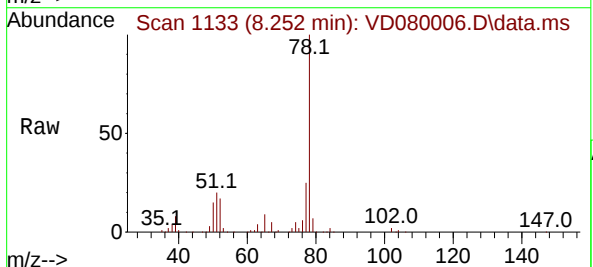
Instrument :
MSVOA_D
ClientSampleId :

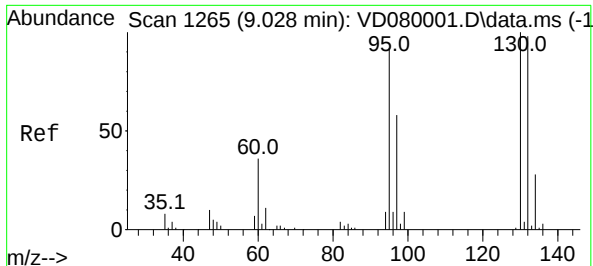
Tgt Ion:117 Resp: 142471
Ion Ratio Lower Upper
117 100
119 94.1 76.8 115.2



#33
Benzene
Concen: 27.141 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

Tgt Ion: 78 Resp: 383273





#34

Trichloroethene

Concen: 26.293 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD080006.D

Acq: 14 Nov 2024 10:30

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 99570

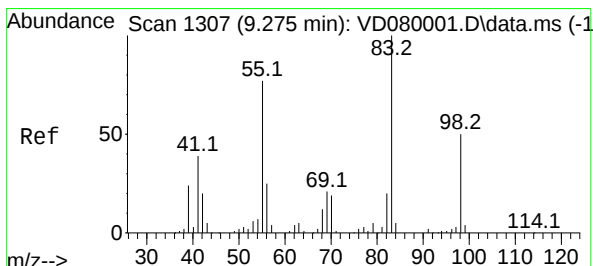
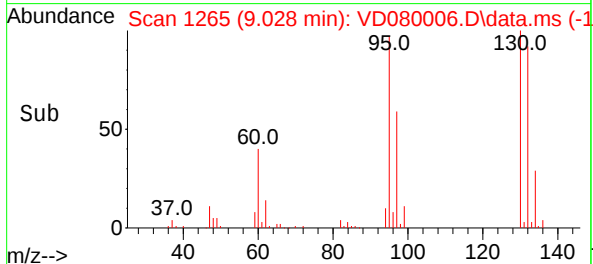
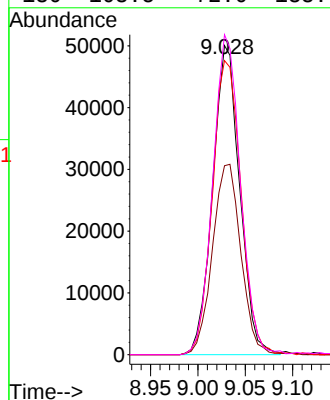
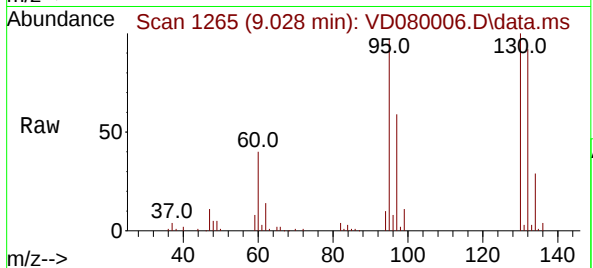
Ion Ratio Lower Upper

95 100

97 61.1 47.7 88.5

132 95.2 72.8 135.2

130 103.5 72.0 133.6



#35

Methylcyclohexane

Concen: 27.393 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD080006.D

Acq: 14 Nov 2024 10:30

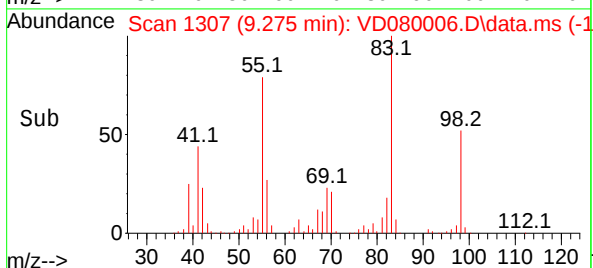
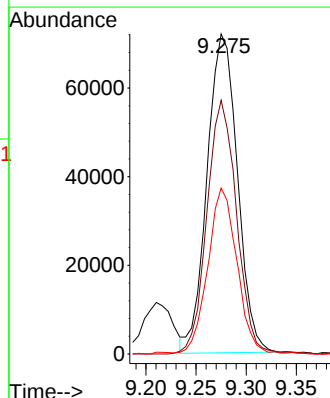
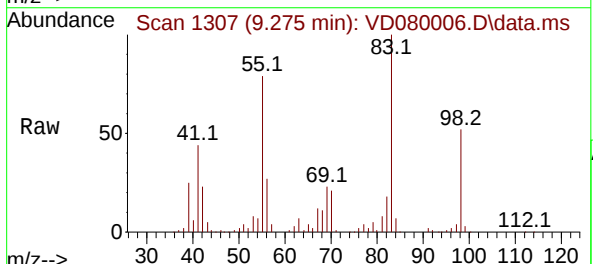
Tgt Ion: 83 Resp: 151619

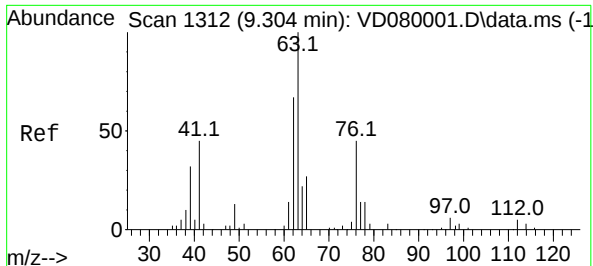
Ion Ratio Lower Upper

83 100

55 77.5 61.2 91.8

98 49.9 38.2 57.2

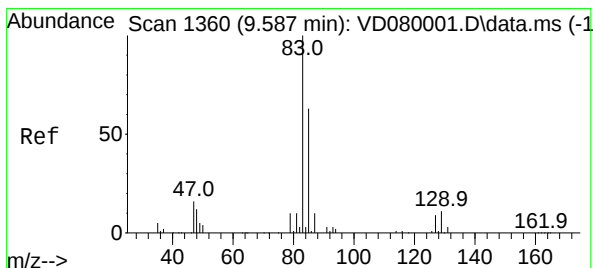
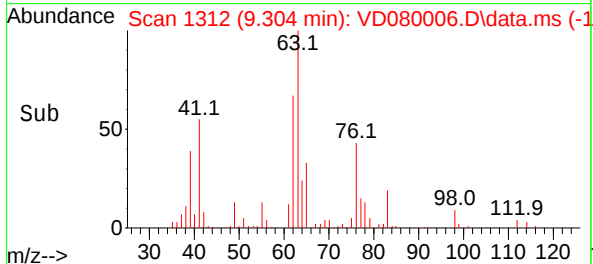
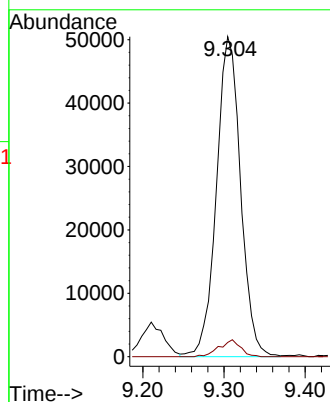
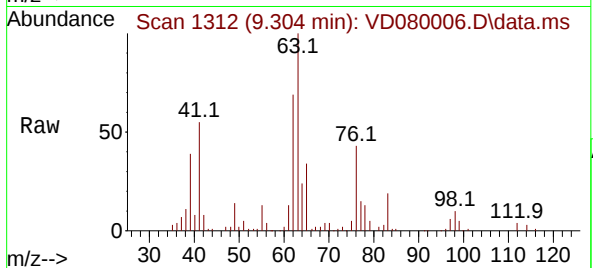




#37
1,2-Dichloropropane
Concen: 26.492 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

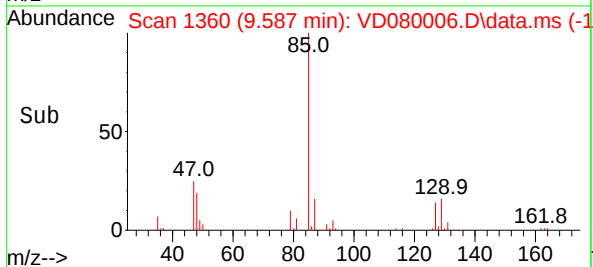
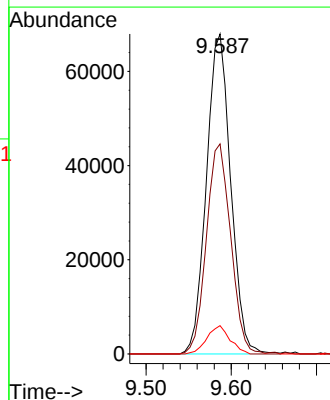
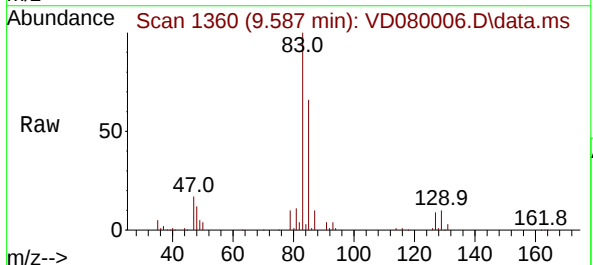
Instrument :
MSVOA_D
ClientSampleId :

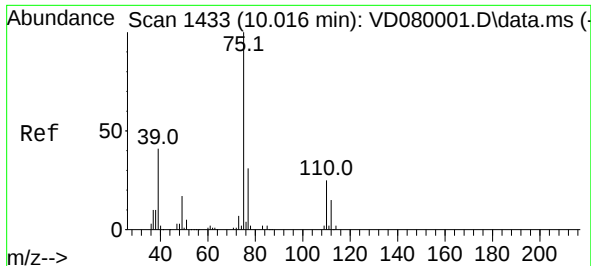
Tgt Ion: 63 Resp: 104505
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 26.732 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

Tgt Ion: 83 Resp: 134378
Ion Ratio Lower Upper
83 100
85 65.6 46.0 85.4
127 8.8 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 26.249 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD080006.D

Acq: 14 Nov 2024 10:30

Instrument :

MSVOA_D

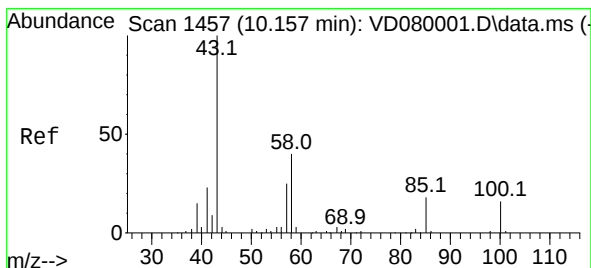
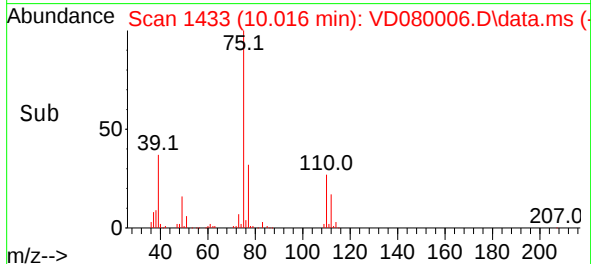
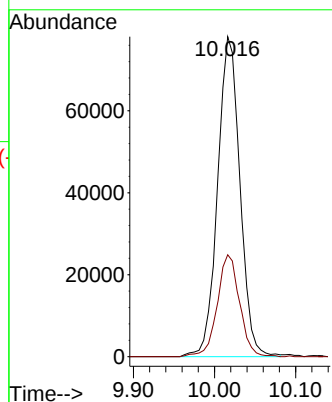
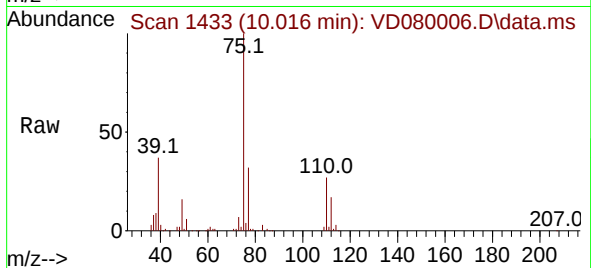
ClientSampleId :

Tgt Ion: 75 Resp: 149580

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 50.774 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD080006.D

Acq: 14 Nov 2024 10:30

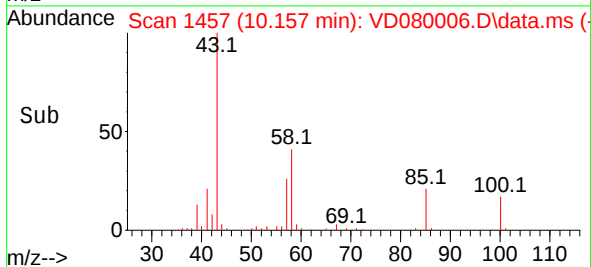
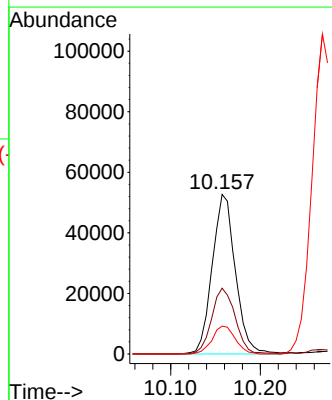
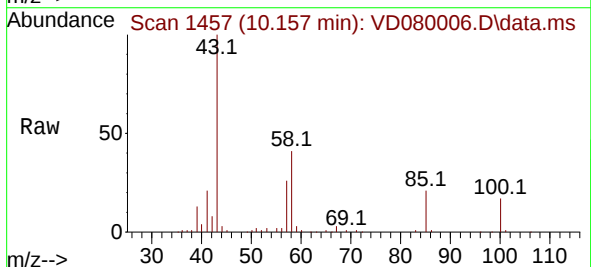
Tgt Ion: 43 Resp: 94571

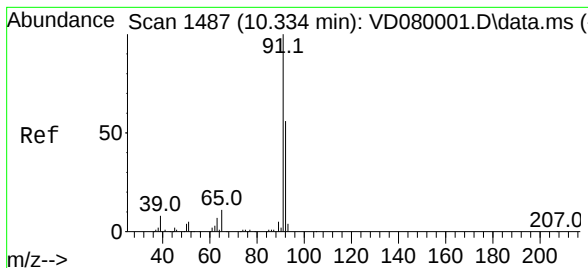
Ion Ratio Lower Upper

43 100

58 41.6 31.5 47.3

100 17.4 12.7 19.1





#42

Toluene

Concen: 28.728 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD080006.D

Acq: 14 Nov 2024 10:30

Instrument :

MSVOA_D

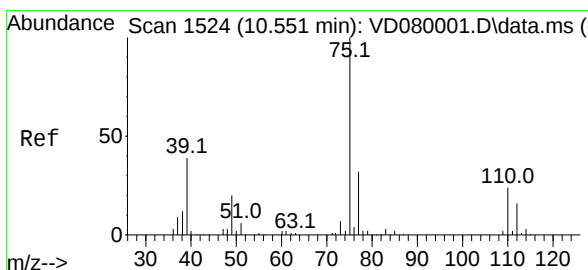
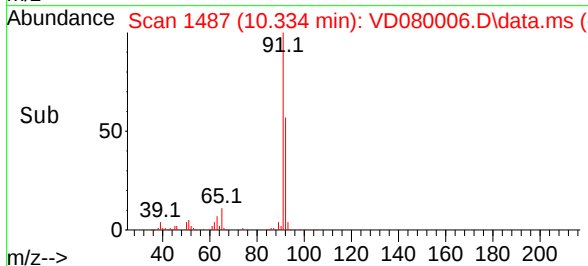
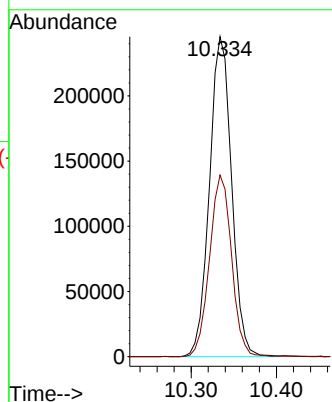
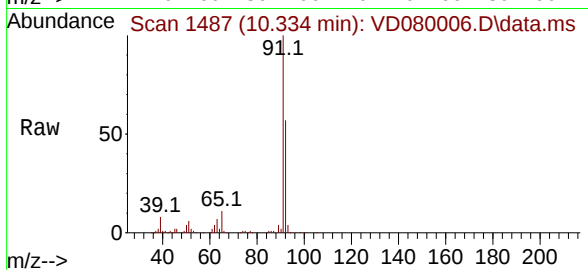
ClientSampleId :

Tgt Ion: 91 Resp: 443157

Ion Ratio Lower Upper

91 100

92 56.8 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 27.480 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD080006.D

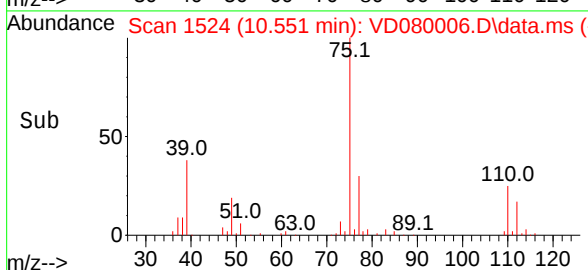
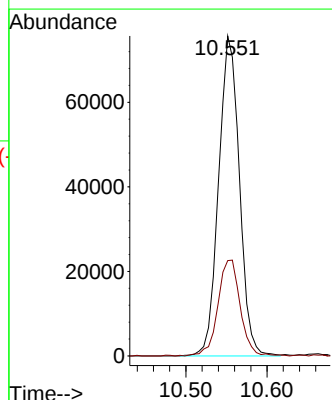
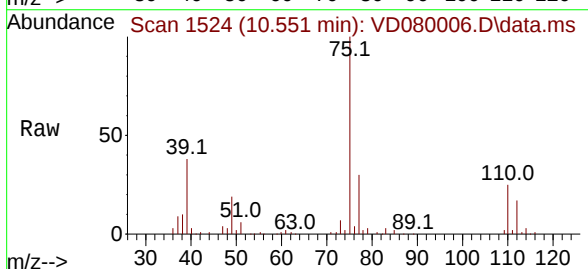
Acq: 14 Nov 2024 10:30

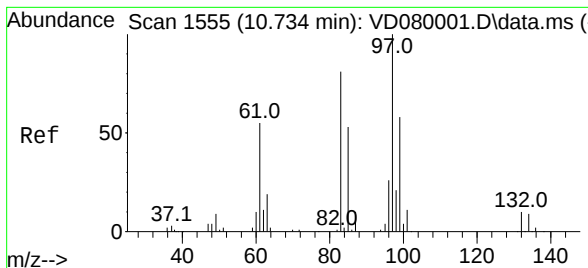
Tgt Ion: 75 Resp: 134879

Ion Ratio Lower Upper

75 100

77 29.8 21.0 39.0





#45

1,1,2-Trichloroethane

Concen: 26.991 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD080006.D

Acq: 14 Nov 2024 10:30

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 81115

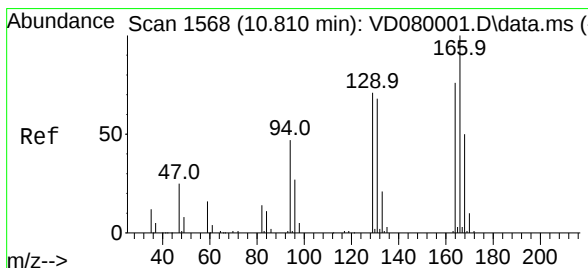
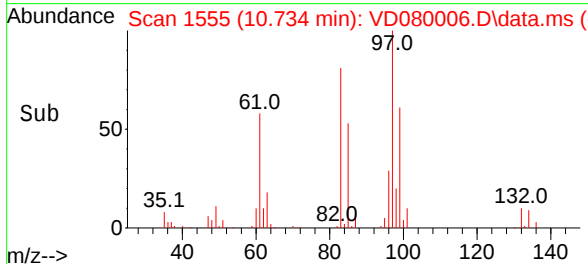
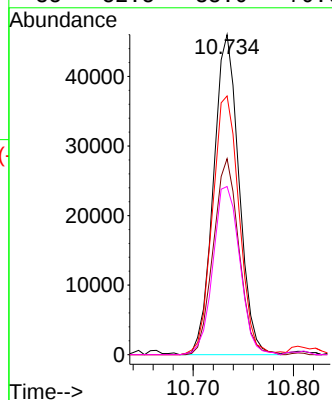
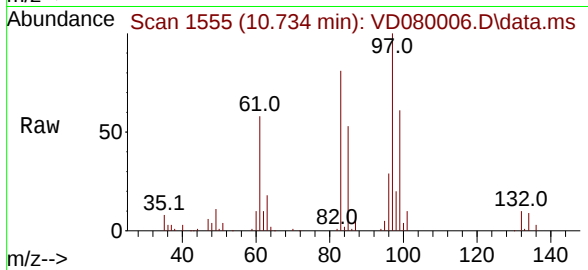
Ion Ratio Lower Upper

97 100

99 61.2 45.2 84.0

83 80.9 61.5 114.3

85 52.5 38.0 70.6



#46

Tetrachloroethene

Concen: 26.998 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VD080006.D

Acq: 14 Nov 2024 10:30

Tgt Ion:164 Resp: 86963

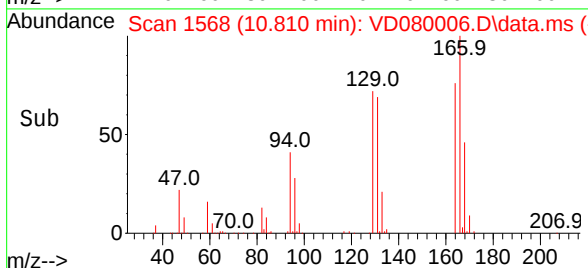
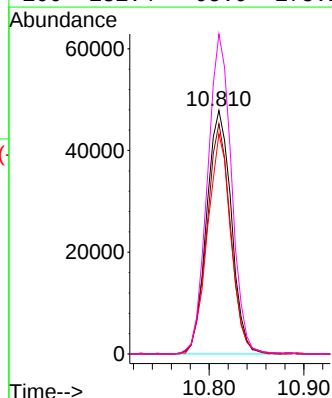
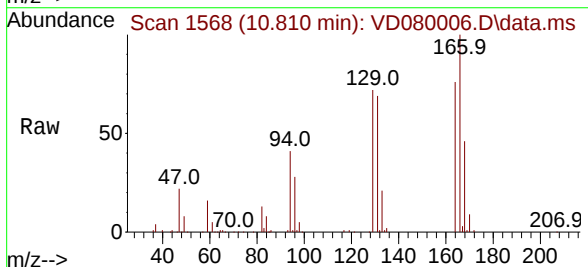
Ion Ratio Lower Upper

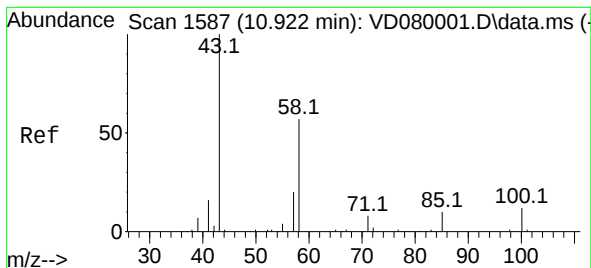
164 100

129 94.6 69.1 128.3

131 90.5 65.4 121.4

166 131.4 95.9 178.1





#48

2-Hexanone

Concen: 54.674 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD080006.D

Acq: 14 Nov 2024 10:30

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43 Resp: 82118

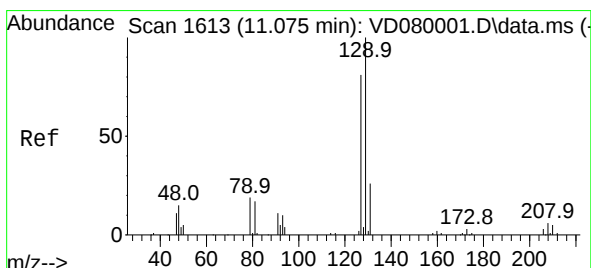
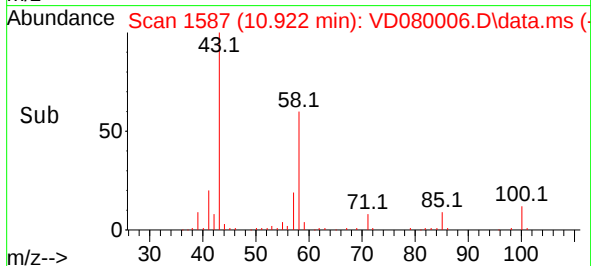
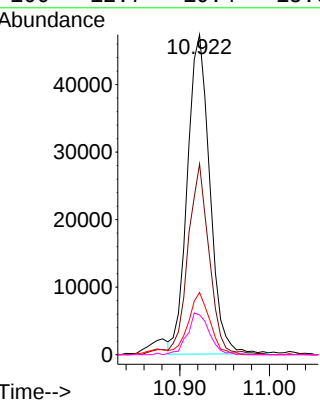
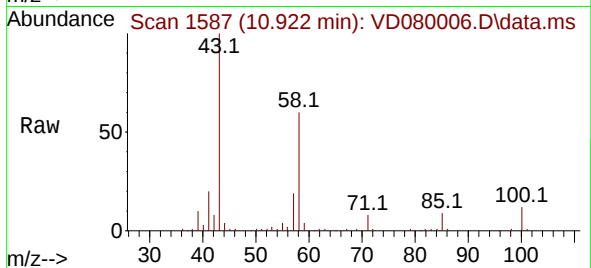
Ion Ratio Lower Upper

43 100

58 54.1 45.9 68.9

57 18.8 15.2 22.8

100 12.7 10.4 15.6



#49

Dibromochloromethane

Concen: 26.905 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD080006.D

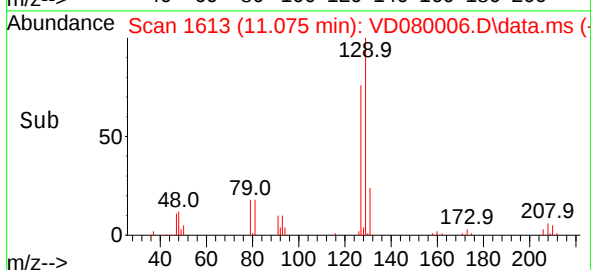
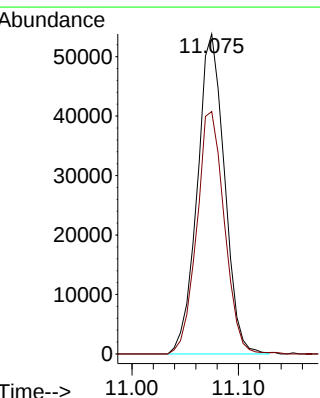
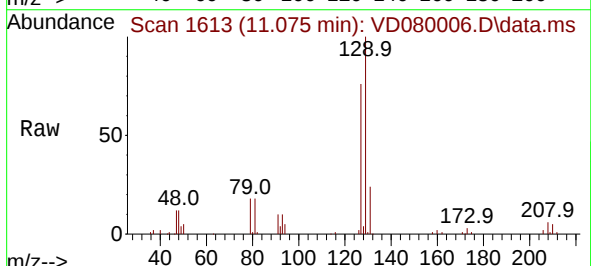
Acq: 14 Nov 2024 10:30

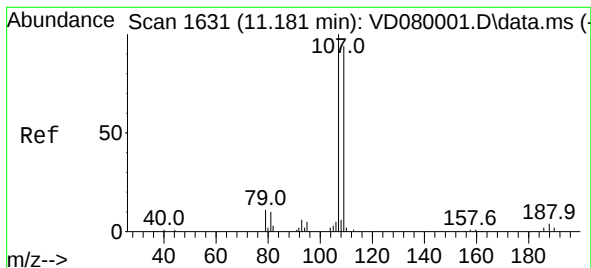
Tgt Ion: 129 Resp: 95226

Ion Ratio Lower Upper

129 100

127 75.8 54.9 102.1





#50

1,2-Dibromoethane

Concen: 27.174 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD080006.D

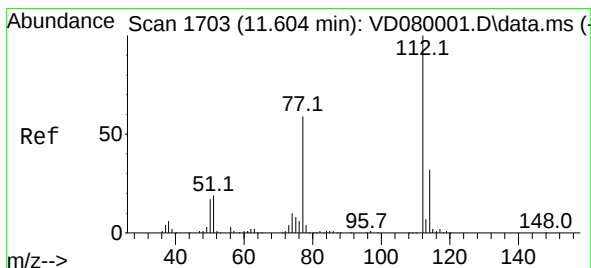
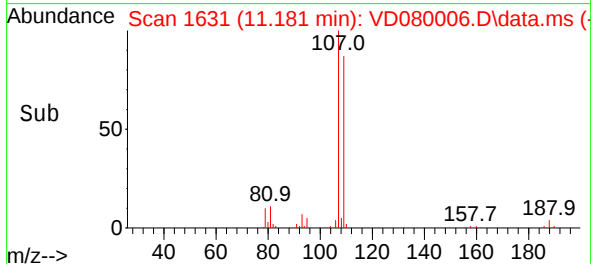
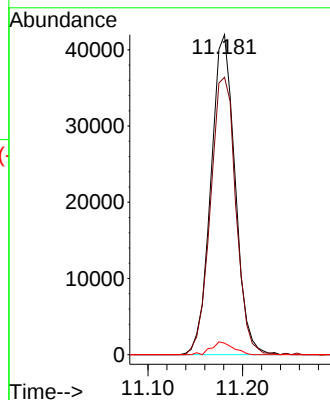
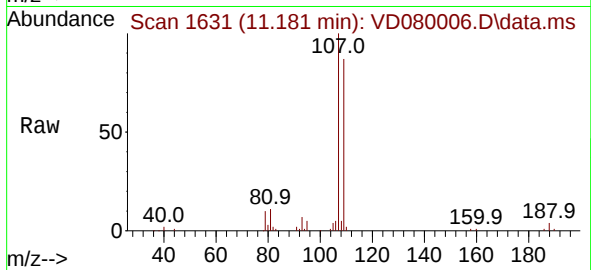
Acq: 14 Nov 2024 10:30

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	74511
Ion Ratio	Lower	Upper
107	100	
109	86.7	66.6 123.8
188	3.6	2.8 4.2



#51

Chlorobenzene

Concen: 27.078 ug/L

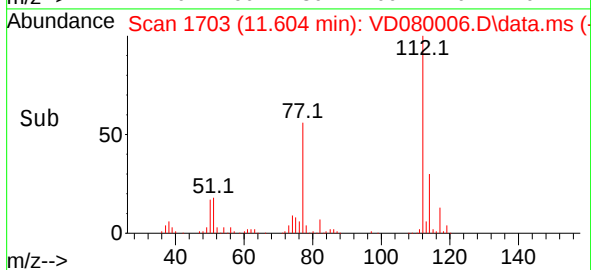
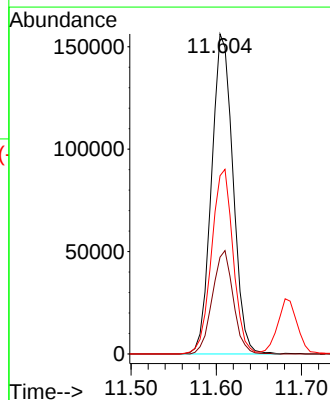
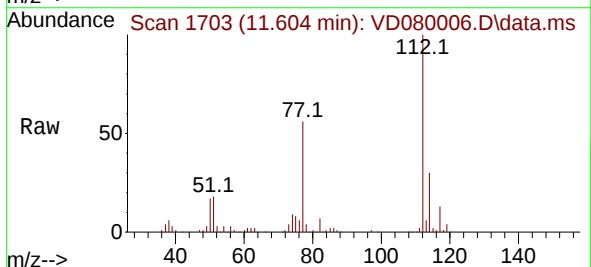
RT: 11.604 min Scan# 1703

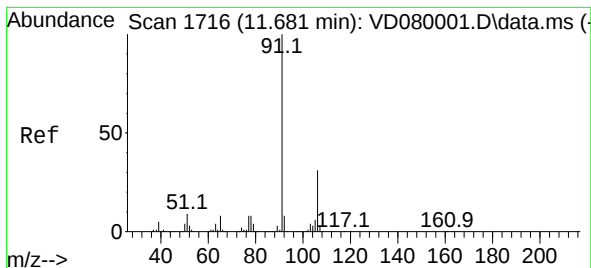
Delta R.T. 0.000 min

Lab File: VD080006.D

Acq: 14 Nov 2024 10:30

Tgt Ion:112	Resp:	273850
Ion Ratio	Lower	Upper
112	100	
114	30.2	21.8 40.4
77	55.7	49.1 73.7

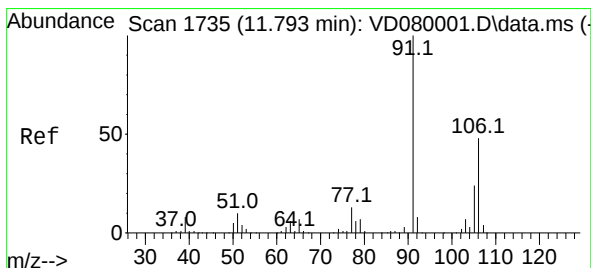
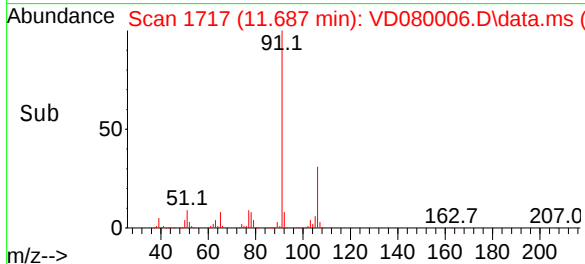
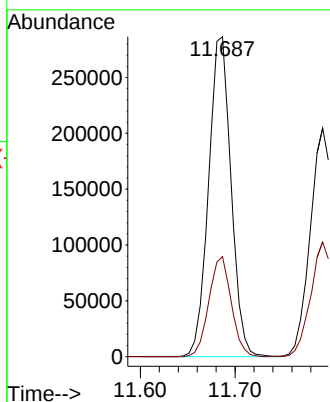
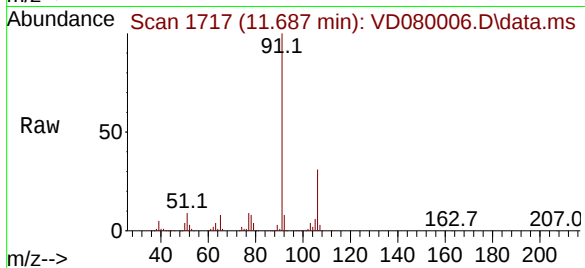




#52
Ethylbenzene
Concen: 28.458 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

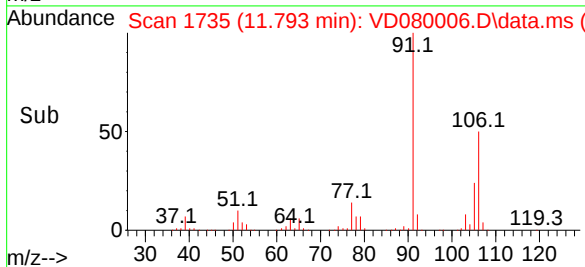
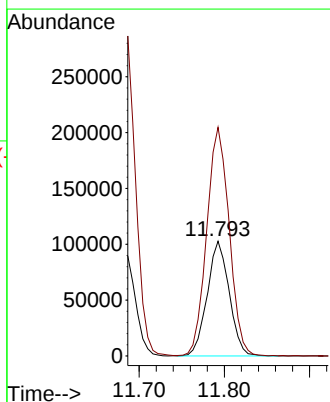
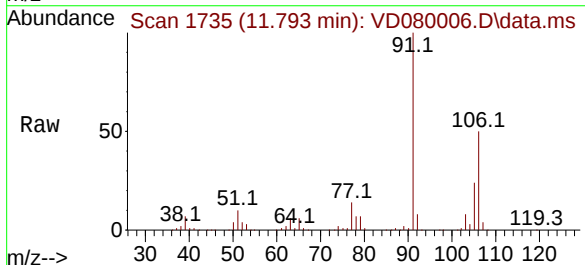
Instrument :
MSVOA_D
ClientSampleId :

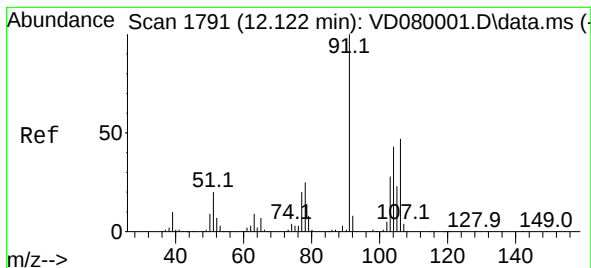
Tgt Ion: 91 Resp: 473751
Ion Ratio Lower Upper
91 100
106 31.3 21.2 39.4



#53
m,p-Xylene
Concen: 29.557 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

Tgt Ion:106 Resp: 184502
Ion Ratio Lower Upper
106 100
91 199.2 149.3 277.3





#54

o-Xylene

Concen: 29.251 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD080006.D

Acq: 14 Nov 2024 10:30

Instrument :

MSVOA_D

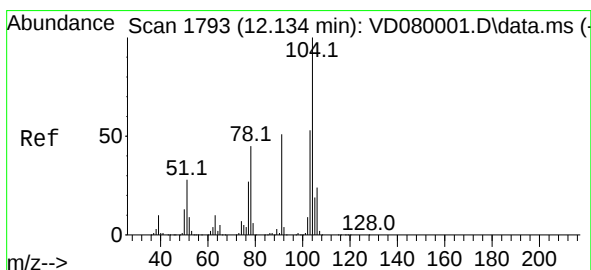
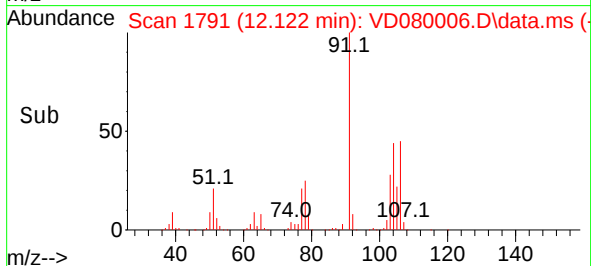
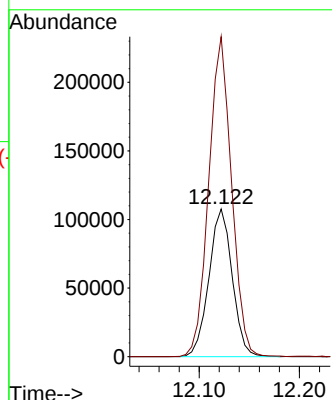
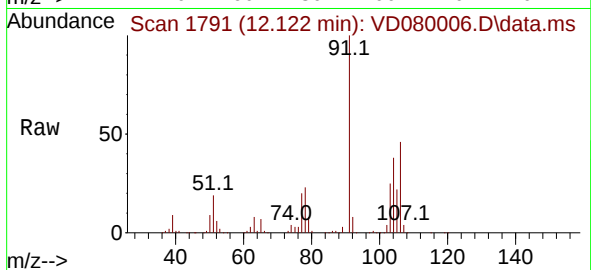
ClientSampleId :

Tgt Ion:106 Resp: 174025

Ion Ratio Lower Upper

106 100

91 216.8 148.0 274.8



#55

Styrene

Concen: 29.232 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD080006.D

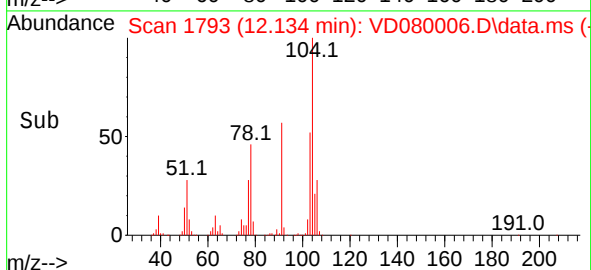
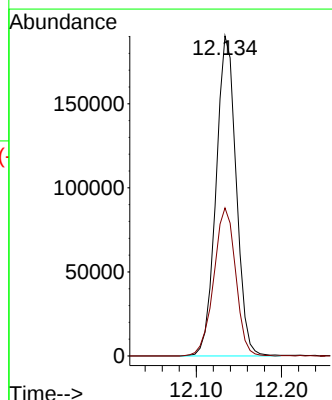
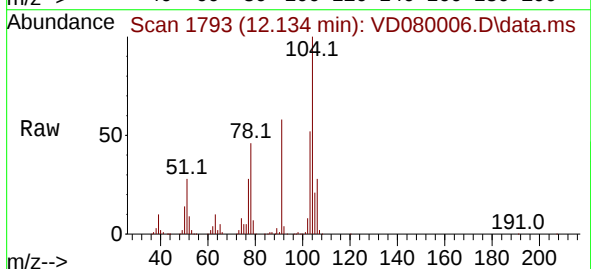
Acq: 14 Nov 2024 10:30

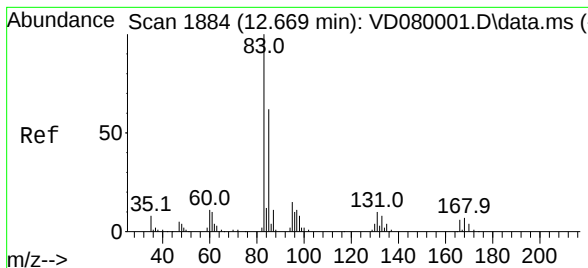
Tgt Ion:104 Resp: 312884

Ion Ratio Lower Upper

104 100

78 46.3 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 26.688 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD080006.D

Acq: 14 Nov 2024 10:30

Instrument :

MSVOA_D

ClientSampleId :

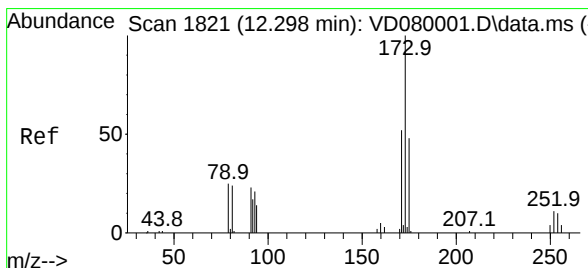
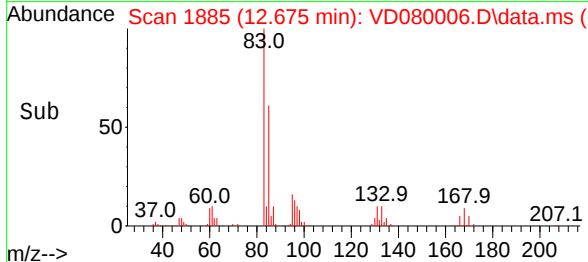
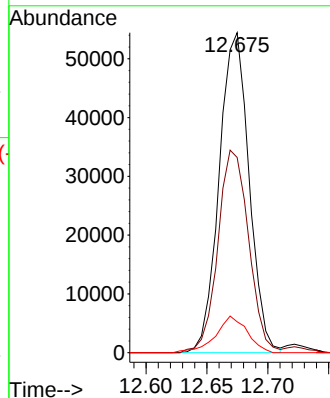
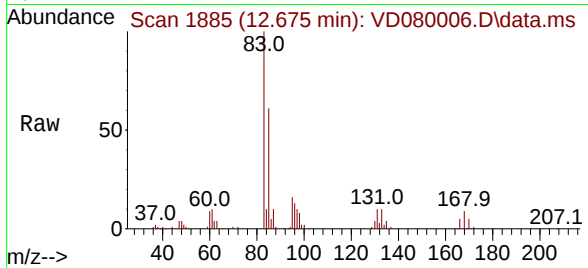
Tgt Ion: 83 Resp: 93160

Ion Ratio Lower Upper

83 100

85 61.0 44.4 82.4

131 9.6 8.6 13.0



#59

Bromoform

Concen: 26.837 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD080006.D

Acq: 14 Nov 2024 10:30

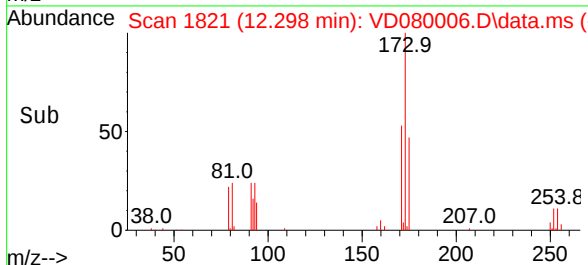
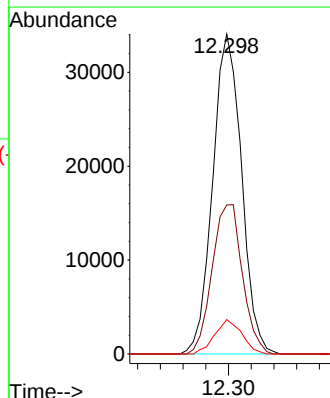
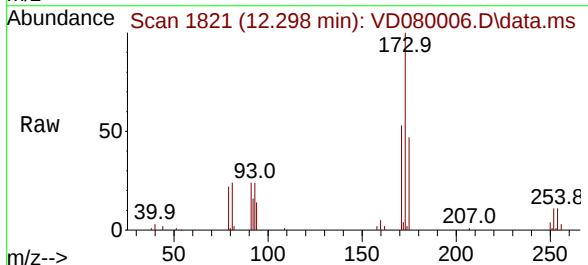
Tgt Ion:173 Resp: 60082

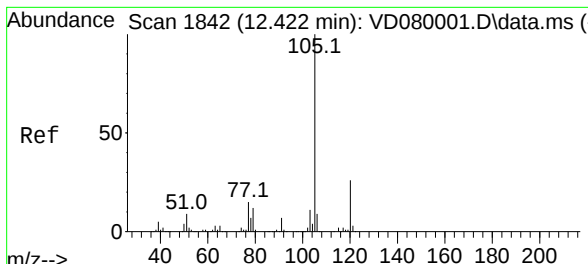
Ion Ratio Lower Upper

173 100

175 49.0 39.0 58.6

254 10.1 8.3 12.5





#60

Isopropylbenzene

Concen: 28.473 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VD080006.D

Acq: 14 Nov 2024 10:30

Instrument :

MSVOA_D

ClientSampleId :

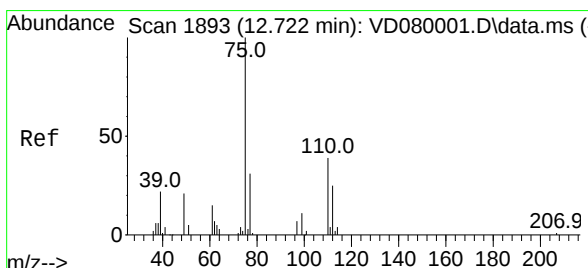
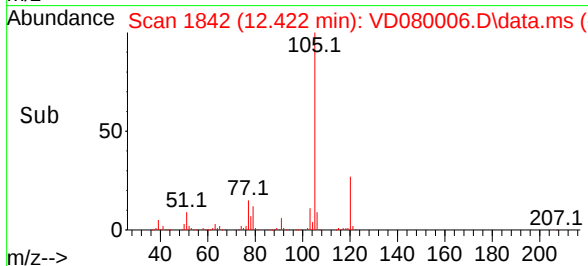
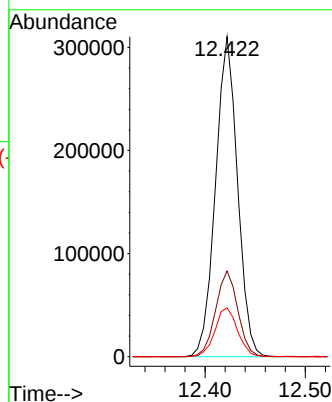
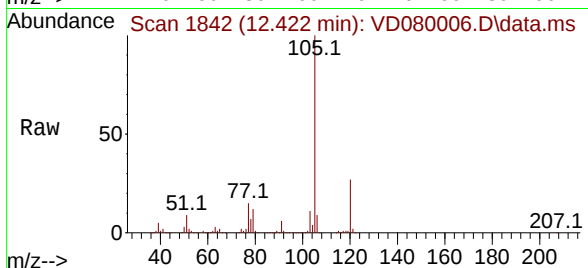
Tgt Ion:105 Resp: 472122

Ion Ratio Lower Upper

105 100

120 26.9 21.3 31.9

77 15.7 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 26.552 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD080006.D

Acq: 14 Nov 2024 10:30

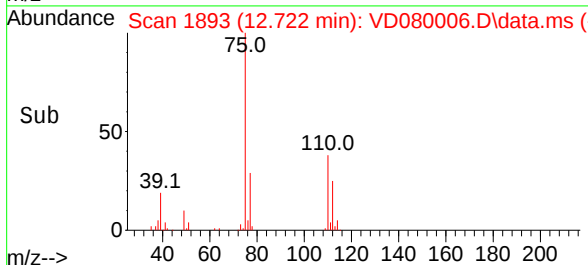
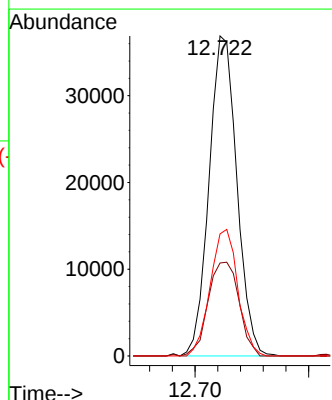
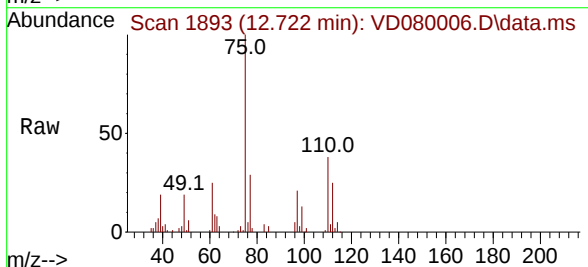
Tgt Ion: 75 Resp: 62775

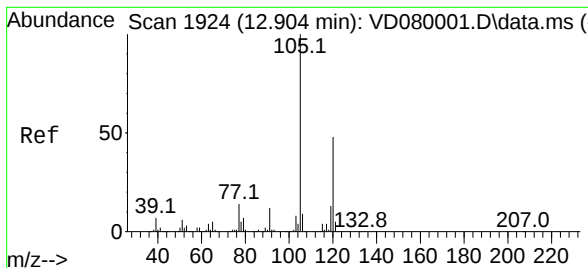
Ion Ratio Lower Upper

75 100

77 32.5 26.3 39.5

110 39.2 30.2 45.2

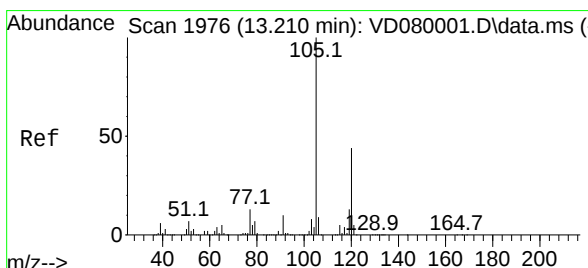
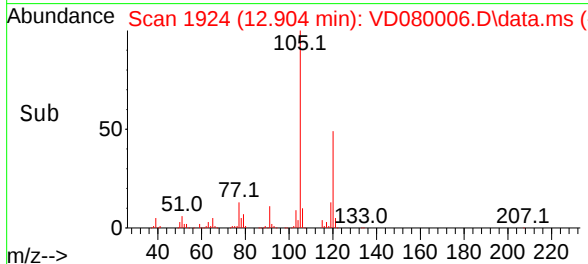
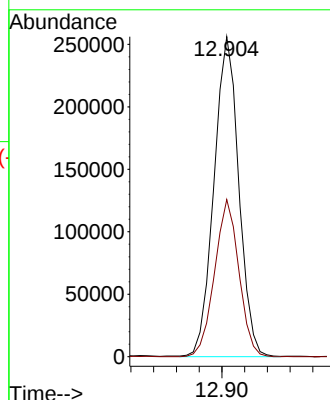
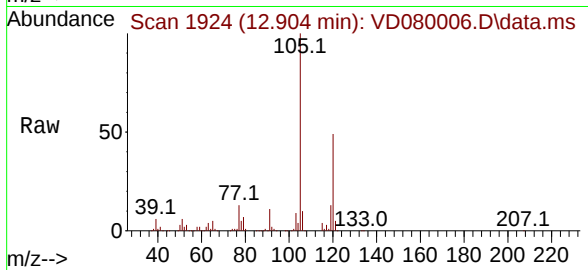




#62
1,3,5-Trimethylbenzene
Concen: 29.820 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

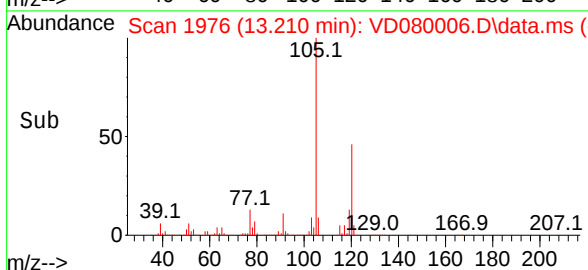
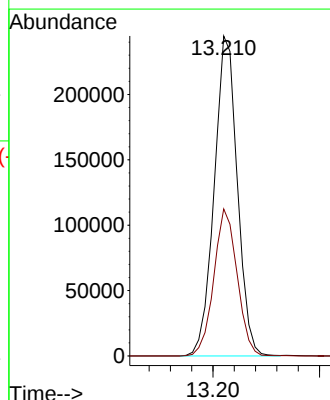
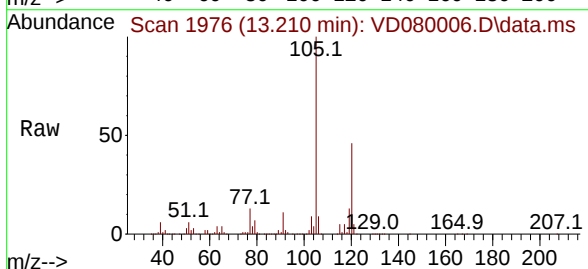
Instrument :
MSVOA_D
ClientSampleId :

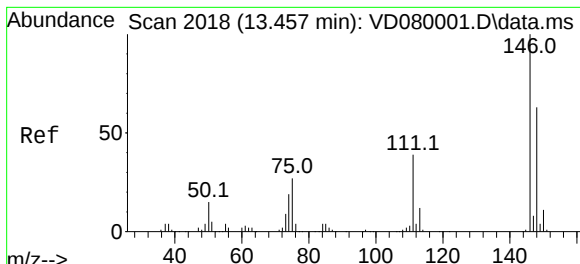
Tgt Ion:105 Resp: 388328
Ion Ratio Lower Upper
105 100
120 48.0 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 28.398 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

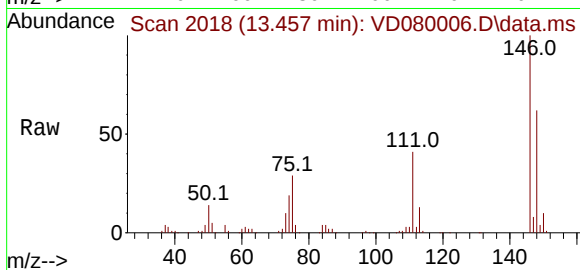
Tgt Ion:105 Resp: 368212
Ion Ratio Lower Upper
105 100
120 46.3 36.8 55.2



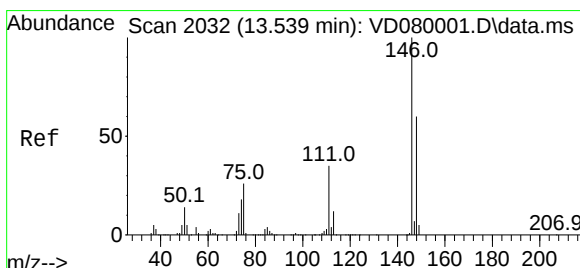
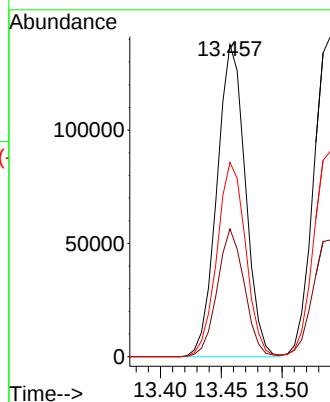
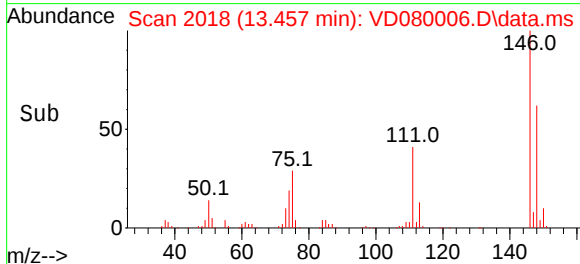


#64
1,3-Dichlorobenzene
Concen: 27.527 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

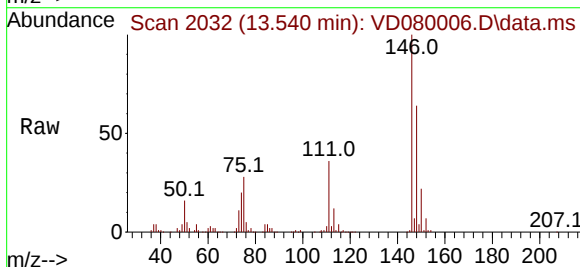
Instrument :
MSVOA_D
ClientSampleId :



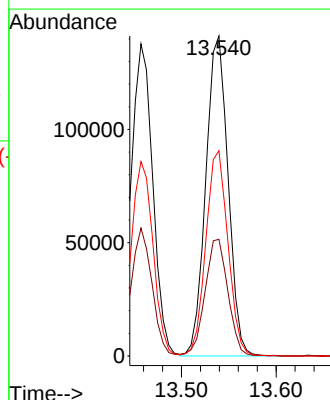
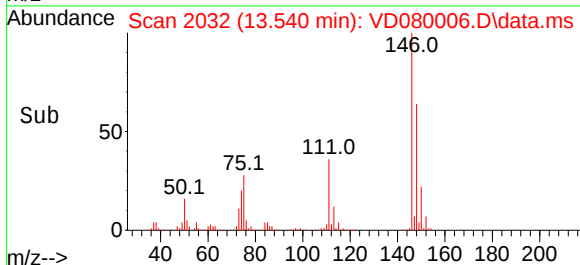
Tgt Ion:146 Resp: 224043
Ion Ratio Lower Upper
146 100
111 41.0 28.2 52.4
148 62.3 44.4 82.4

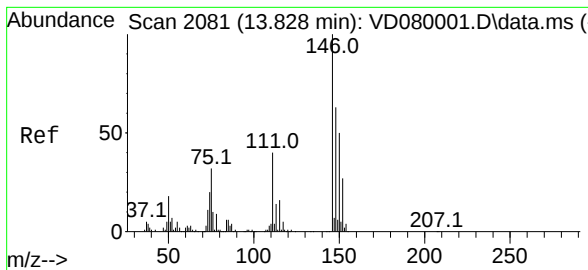


#65
1,4-Dichlorobenzene
Concen: 27.022 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30



Tgt Ion:146 Resp: 230389
Ion Ratio Lower Upper
146 100
111 36.4 26.2 48.8
148 64.2 46.1 85.5

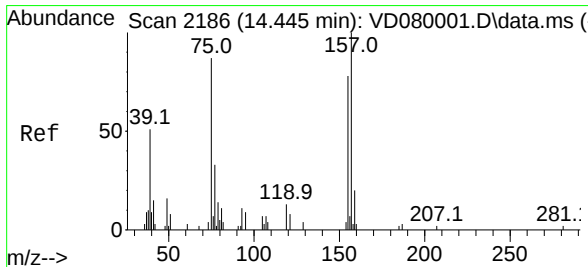
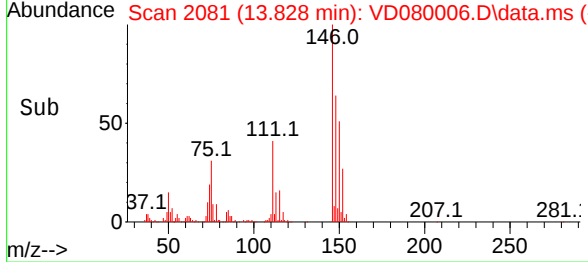
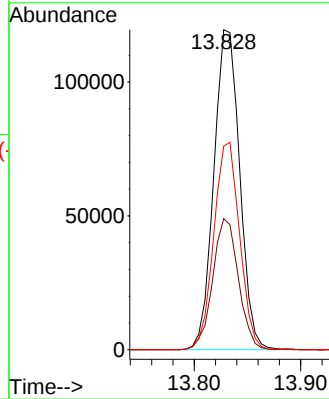
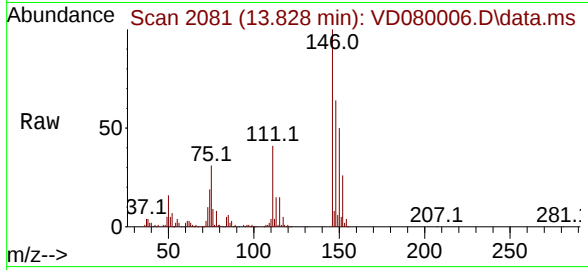




#67
 1,2-Dichlorobenzene
 Concen: 26.779 ug/L
 RT: 13.828 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VD080006.D
 Acq: 14 Nov 2024 10:30

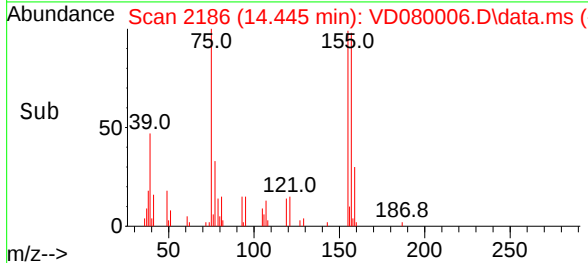
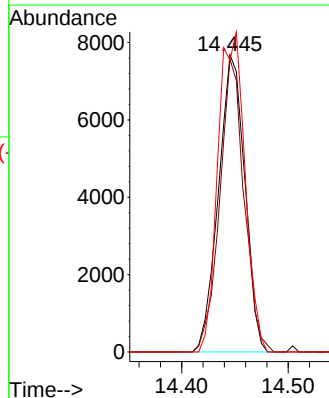
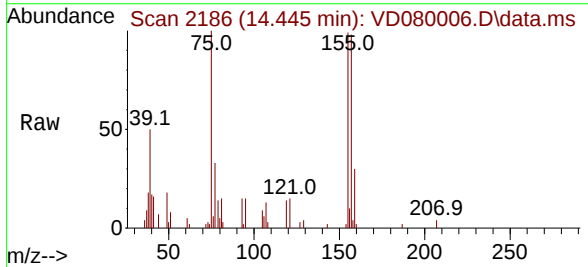
Instrument :
 MSVOA_D
 ClientSampleId :

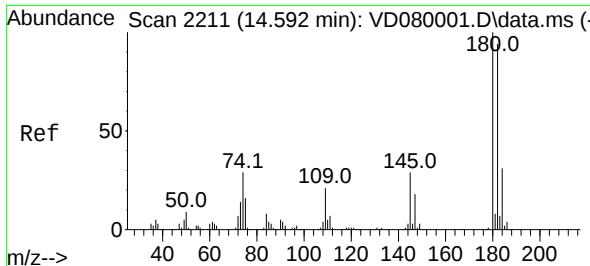
Tgt Ion:	146	Resp:	201382
Ion Ratio	Lower	Upper	
146	100		
111	40.9	33.0	49.6
148	63.6	51.0	76.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 25.584 ug/L
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD080006.D
 Acq: 14 Nov 2024 10:30

Tgt Ion:	75	Resp:	13181
Ion Ratio	Lower	Upper	
75	100		
155	98.5	68.7	103.1
157	98.2	79.4	119.2





#69

1,3,5-Trichlorobenzene

Concen: 27.919 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

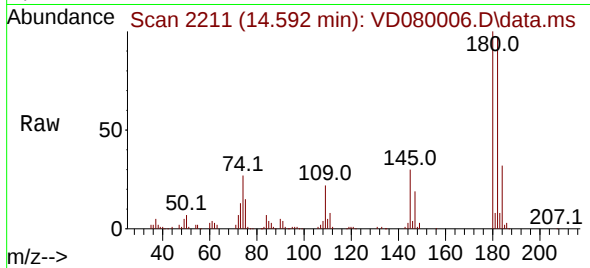
Lab File: VD080006.D

Acq: 14 Nov 2024 10:30

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 153492

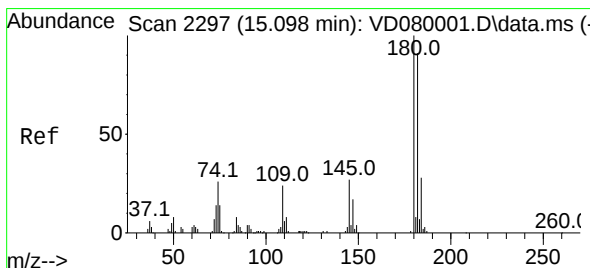
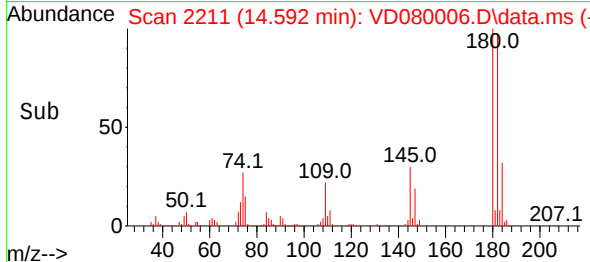
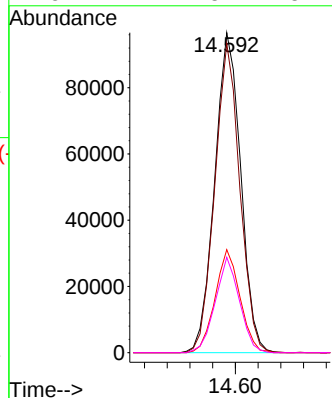
Ion Ratio Lower Upper

180 100

182 93.1 75.8 113.6

184 30.7 24.6 36.8

145 27.7 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 26.372 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD080006.D

Acq: 14 Nov 2024 10:30

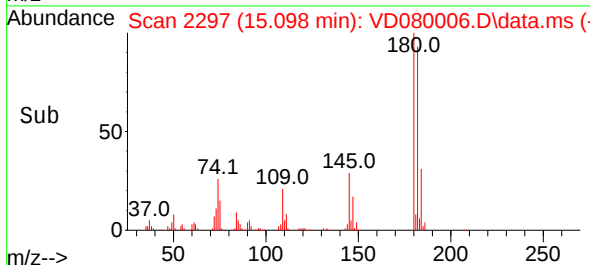
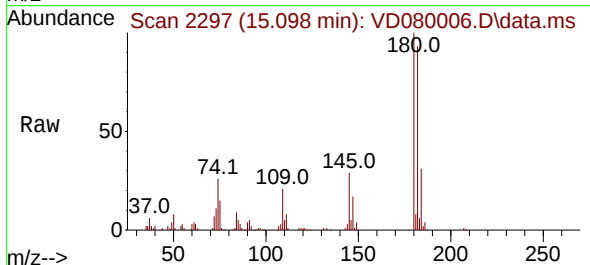
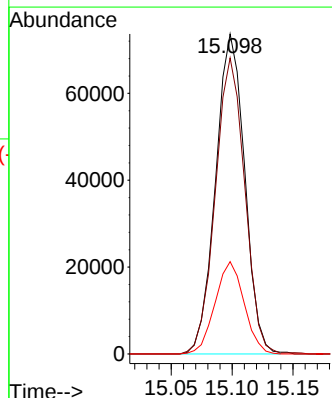
Tgt Ion:180 Resp: 122165

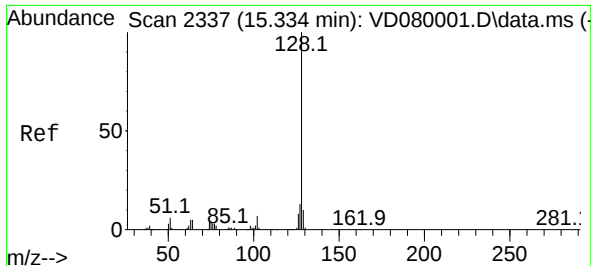
Ion Ratio Lower Upper

180 100

182 93.5 75.9 113.9

145 28.9 23.0 34.4

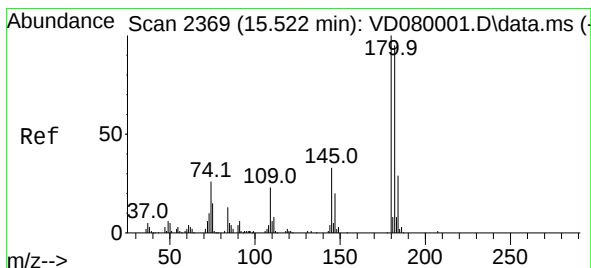
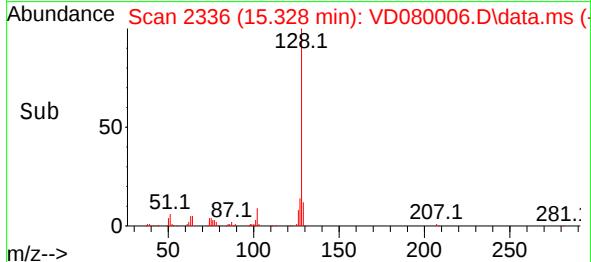
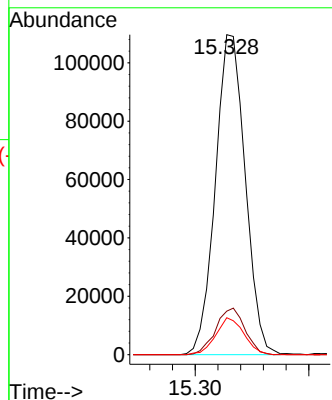
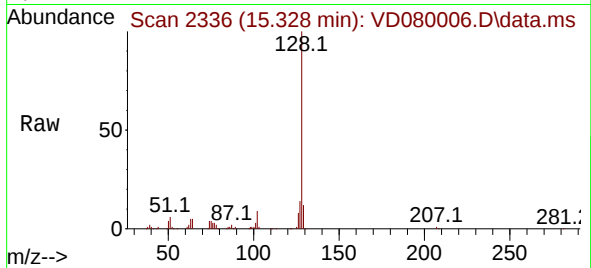




#71
Naphthalene
Concen: 25.292 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 200172
Ion Ratio Lower Upper
128 100
127 14.2 11.0 16.6
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 27.432 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD080006.D
Acq: 14 Nov 2024 10:30

Tgt Ion:180 Resp: 112189
Ion Ratio Lower Upper
180 100
182 94.6 75.8 113.8
145 31.0 24.9 37.3

