

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111424\
 Data File : VD080008.D
 Acq On : 14 Nov 2024 12:37
 Operator : RP/MD
 Sample : MDL
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 15 03:41:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 15 03:41:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	229618	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	217835	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	93514	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	52793	15.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.680%
7) Chloroethane-d5	2.805	69	52801	18.621	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.480%
11) 1,1-Dichloroethene-d2	3.922	65	28954	20.636	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.560%
21) 2-Butanone-d5	6.987	46	32659	45.319	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.640%
24) Chloroform-d	7.569	84	156434	23.988	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.960%
26) 1,2-Dichloroethane-d4	8.293	65	388	0.110	ug/L	0.06
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.440%#
32) Benzene-d6	8.204	84	296017	23.629	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.520%
36) 1,2-Dichloropropane-d6	9.210	67	101247	25.053	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.200%
41) Toluene-d8	10.269	98	272132	23.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.440%
43) trans-1,3-Dichloroprop...	10.522	79	39993	24.589	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.360%
47) 2-Hexanone-d5	10.875	63	27538	46.280	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.560%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	79892	24.680	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	89873	27.733	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	4246	1.216	ug/L	90
3) Chloromethane	2.146	50	2737	0.958	ug/L	86
5) Vinyl chloride	2.287	62	3401	0.949	ug/L #	67
6) Bromomethane	2.705	94	2957	1.167	ug/L	89
8) Chloroethane	2.846	64	2405	1.053	ug/L #	82
9) Trichlorofluoromethane	3.181	101	6909	1.152	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	2465	0.680	ug/L	93
12) 1,1-Dichloroethene	3.940	96	2995	0.974	ug/L #	1
14) Carbon disulfide	4.275	76	10675	1.039	ug/L #	93
15) Methyl Acetate	4.569	43	943	0.703	ug/L #	79
16) Methylene chloride	4.793	84	7502	1.969	ug/L	87
17) trans-1,2-Dichloroethene	5.316	96	3447	1.018	ug/L	95
18) Methyl tert-butyl Ether	5.322	73	6556	0.995	ug/L #	69
19) 1,1-Dichloroethane	6.105	63	7549	1.193	ug/L	90
20) cis-1,2-Dichloroethene	7.075	96	2288	0.619	ug/L	95
22) 2-Butanone	7.081	43	1730	1.705	ug/L	84
23) Bromochloromethane	7.428	128	2248	1.225	ug/L #	71
25) Chloroform	7.593	83	18943	2.589	ug/L	96
27) 1,2-Dichloroethane	8.334	62	4914	1.150	ug/L #	86

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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

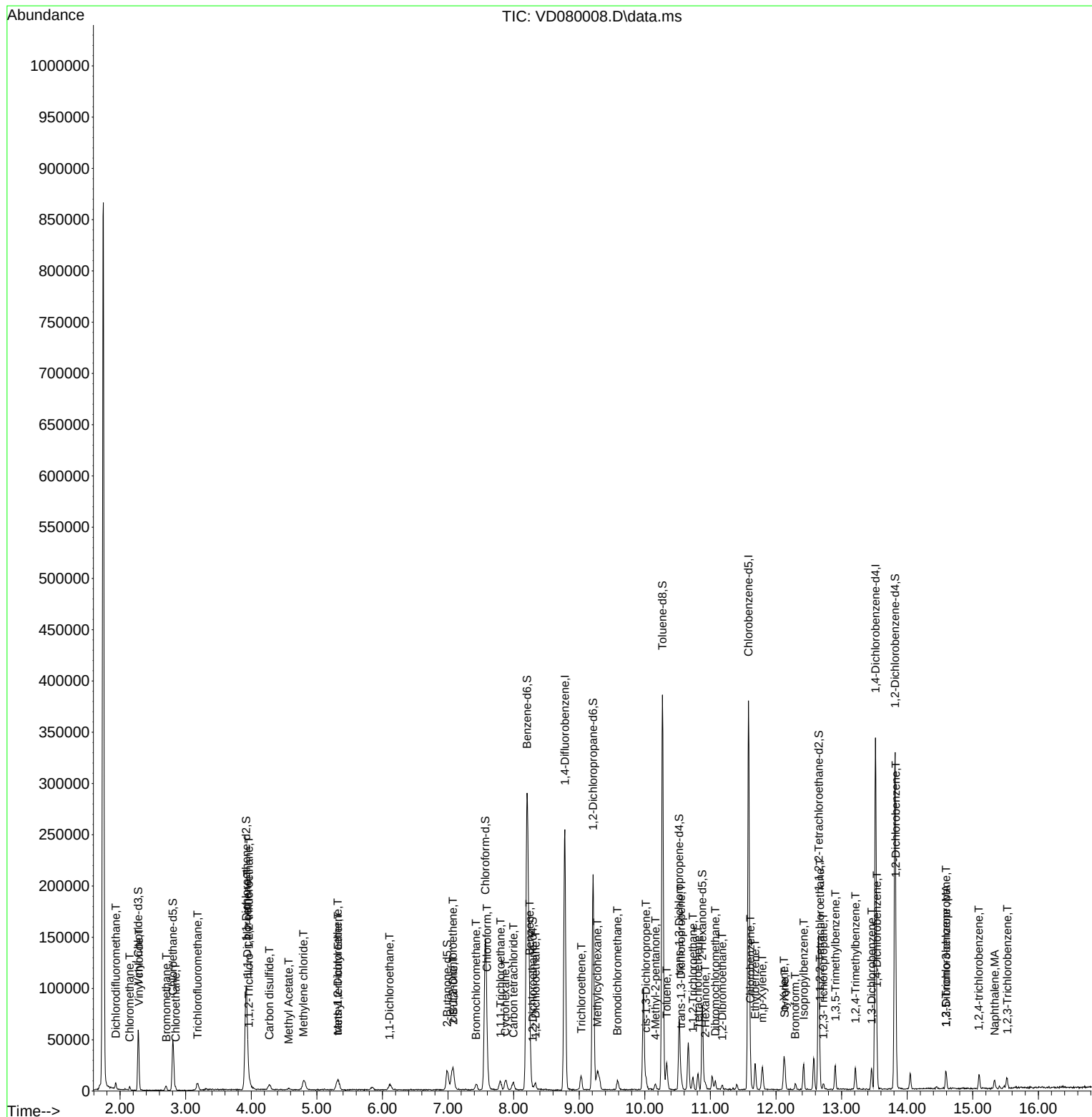
29) Cyclohexane	7.875	56	2237	0.475	ug/L #	1
30) 1,1,1-Trichloroethane	7.799	97	6726	1.207	ug/L #	91
31) Carbon tetrachloride	7.999	117	5864	1.198	ug/L	97
33) Benzene	8.246	78	17294	1.270	ug/L	100
34) Trichloroethene	9.034	95	4449	1.219	ug/L	94
35) Methylcyclohexane	9.275	83	5497	1.030	ug/L #	76
38) Bromodichloromethane	9.581	83	6113	1.261	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	6058	1.103	ug/L	86
40) 4-Methyl-2-pentanone	10.163	43	3536	1.969	ug/L #	84
42) Toluene	10.334	91	19005	1.278	ug/L	95
44) trans-1,3-Dichloropropene	10.551	75	6220	1.315	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	3609	1.246	ug/L	86
46) Tetrachloroethene	10.810	164	3501	1.127	ug/L	89
48) 2-Hexanone	10.922	43	3837	2.650	ug/L #	77
49) Dibromochloromethane	11.075	129	4144	1.215	ug/L	92
50) 1,2-Dibromoethane	11.181	107	3231	1.222	ug/L #	76
51) Chlorobenzene	11.610	112	11158	1.145	ug/L	98
52) Ethylbenzene	11.681	91	16514	1.029	ug/L	88
53) m,p-Xylene	11.793	106	6860	1.140	ug/L	86
54) o-Xylene	12.122	106	5630	0.982	ug/L	78
55) Styrene	12.134	104	9905	0.960	ug/L	85
57) 1,1,2,2-Tetrachloroethane	12.669	83	4242	1.261	ug/L #	95
59) Bromoform	12.293	173	2585	1.498	ug/L #	83
60) Isopropylbenzene	12.422	105	15439	1.208	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	2780	1.525	ug/L #	81
62) 1,3,5-Trimethylbenzene	12.904	105	12061	1.201	ug/L	96
63) 1,2,4-Trimethylbenzene	13.210	105	11446	1.145	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	7602	1.212	ug/L	85
65) 1,4-Dichlorobenzene	13.540	146	8950	1.362	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	8411	1.451	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.592	75	1178	2.966	ug/L #	3
69) 1,3,5-Trichlorobenzene	14.592	180	5560	1.312	ug/L	97
70) 1,2,4-trichlorobenzene	15.092	180	4810	1.347	ug/L	90
71) Naphthalene	15.334	128	8095	1.327	ug/L	96
72) 1,2,3-Trichlorobenzene	15.528	180	4185	1.327	ug/L	97

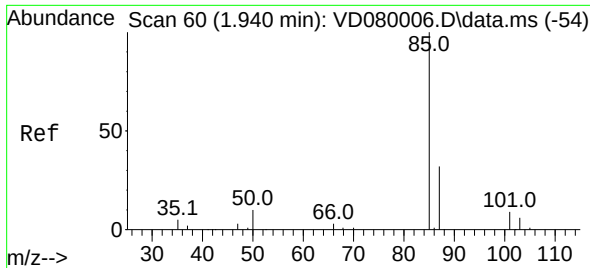
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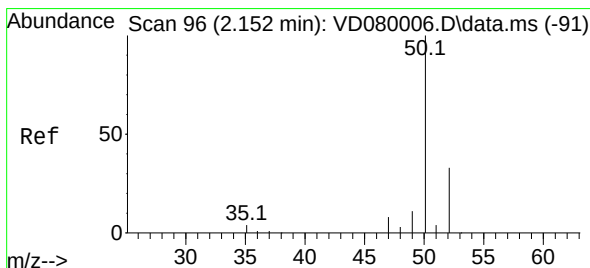
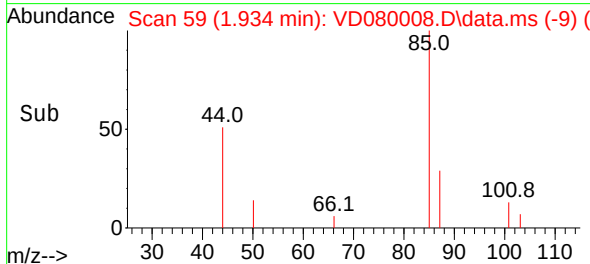
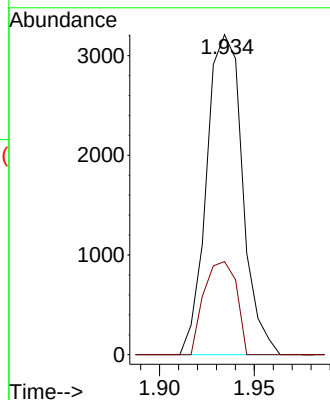
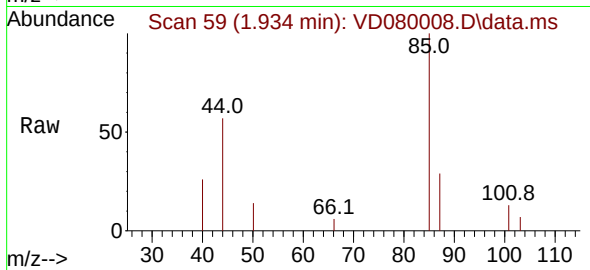




#2
Dichlorodifluoromethane
Concen: 1.216 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

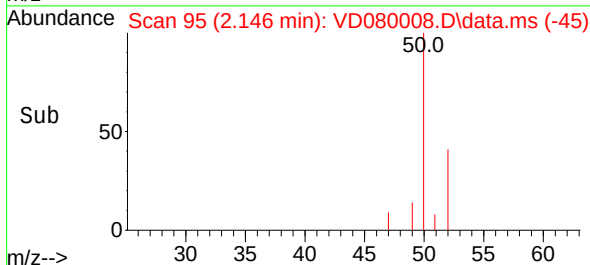
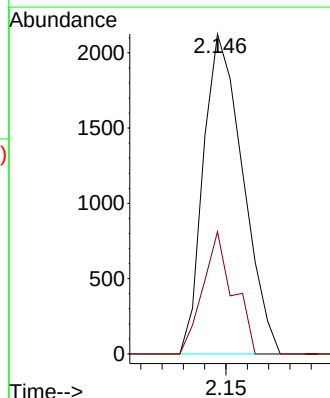
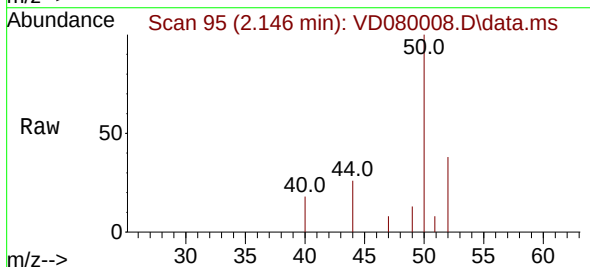
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MSVOA_D
ClientSampleId :

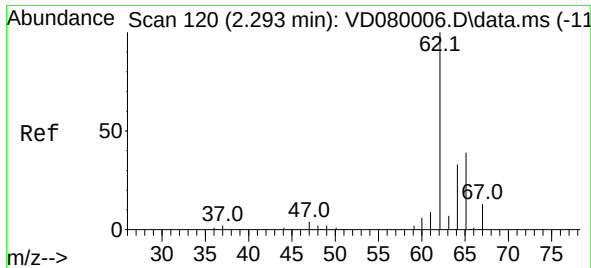
Tgt Ion: 85 Resp: 4246
Ion Ratio Lower Upper
85 100
87 26.3 25.4 38.2



#3
Chloromethane
Concen: 0.958 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

Tgt Ion: 50 Resp: 2737
Ion Ratio Lower Upper
50 100
52 38.2 21.6 40.0

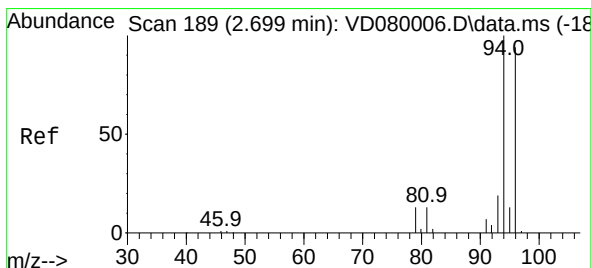
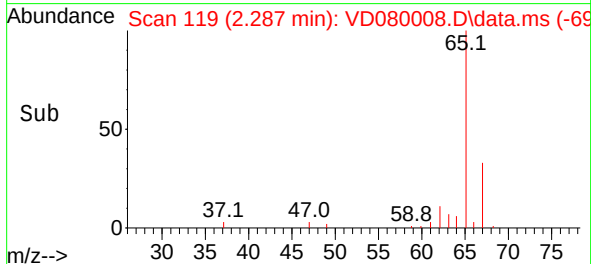
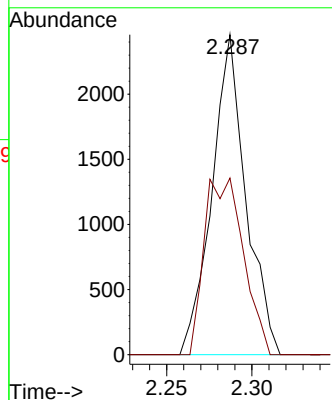
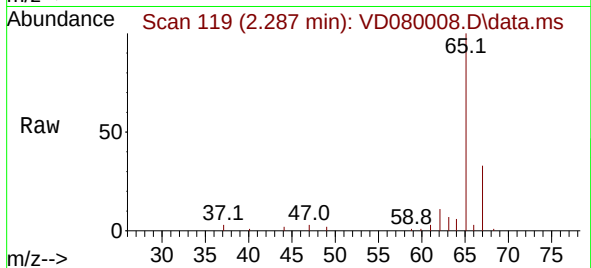




#5
Vinyl chloride
Concen: 0.949 ug/L
RT: 2.287 min Scan# 119
Delta R.T. -0.006 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

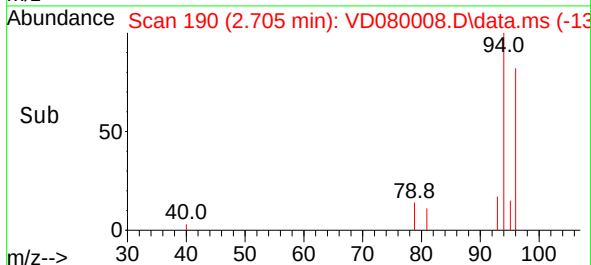
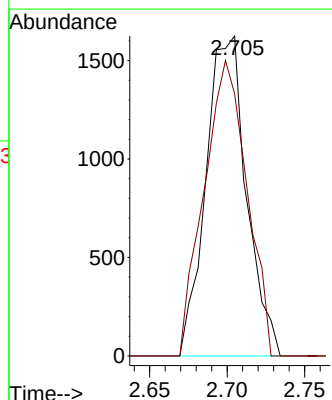
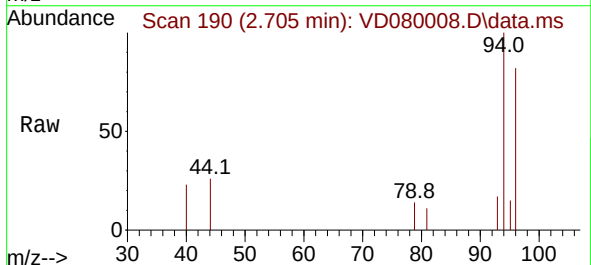
Instrument :
MSVOA_D
ClientSampleId :

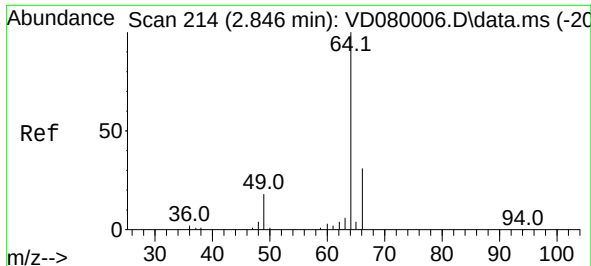
Tgt Ion: 62 Resp: 3401
Ion Ratio Lower Upper
62 100
64 55.2 25.1 46.7#



#6
Bromomethane
Concen: 1.167 ug/L
RT: 2.705 min Scan# 190
Delta R.T. 0.006 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

Tgt Ion: 94 Resp: 2957
Ion Ratio Lower Upper
94 100
96 82.0 64.5 119.7

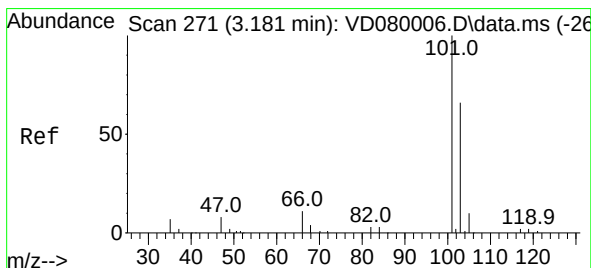
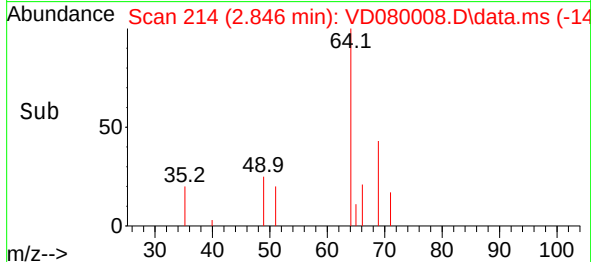
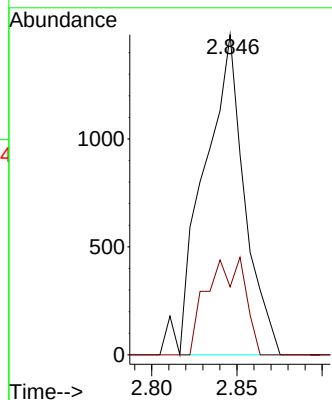
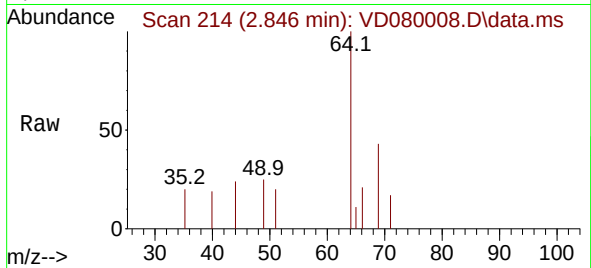




#8
Chloroethane
Concen: 1.053 ug/L
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

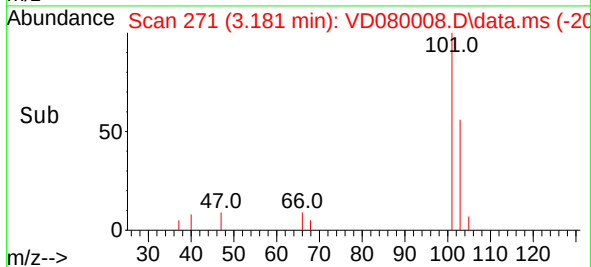
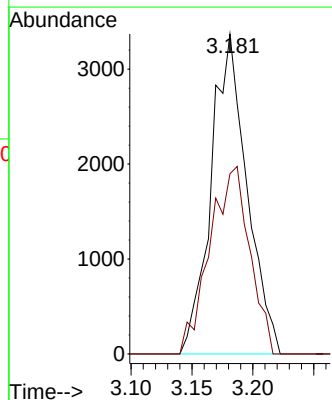
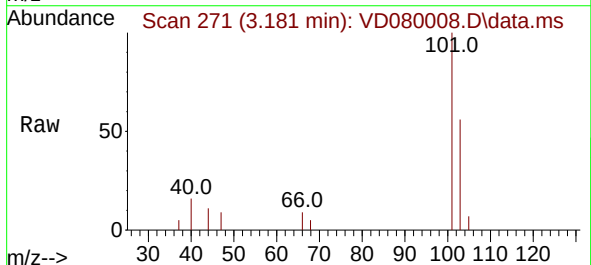
Instrument :
MSVOA_D
ClientSampleId :

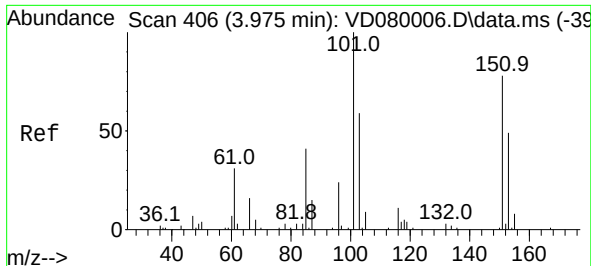
Tgt Ion: 64 Resp: 2405
Ion Ratio Lower Upper
64 100
66 21.2 21.7 40.3#



#9
Trichlorofluoromethane
Concen: 1.152 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

Tgt Ion:101 Resp: 6909
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.8

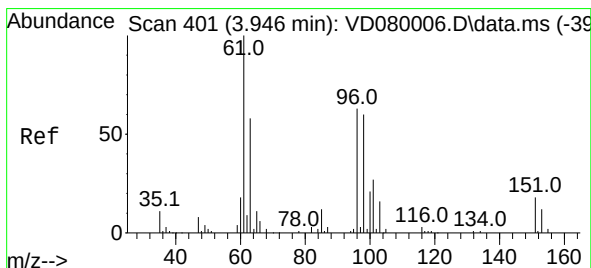
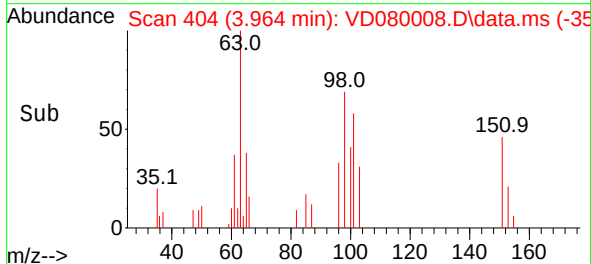
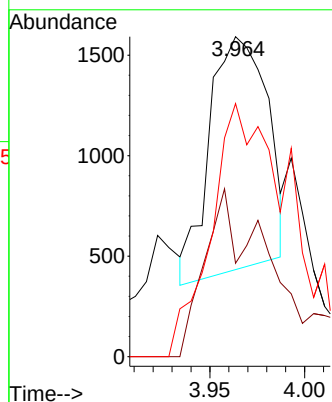
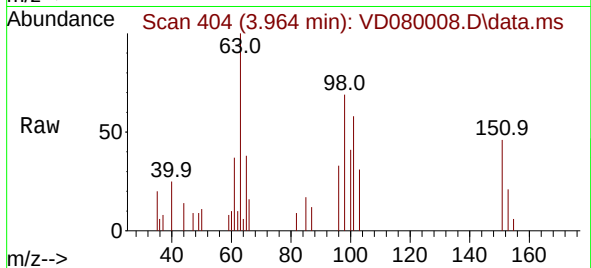




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.680 ug/L
 RT: 3.964 min Scan# 406
 Delta R.T. -0.012 min
 Lab File: VD080008.D
 Acq: 14 Nov 2024 12:37

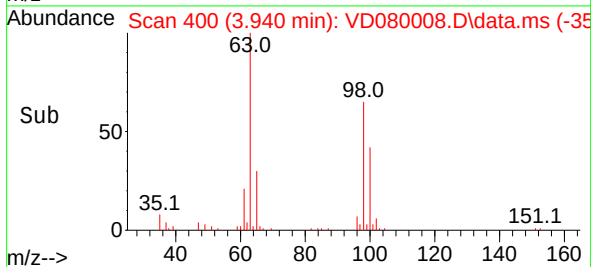
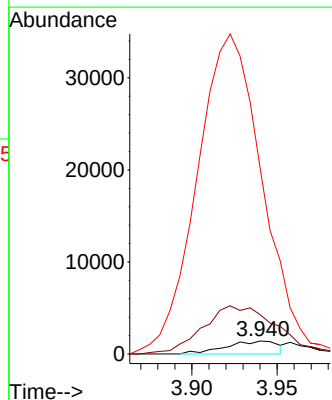
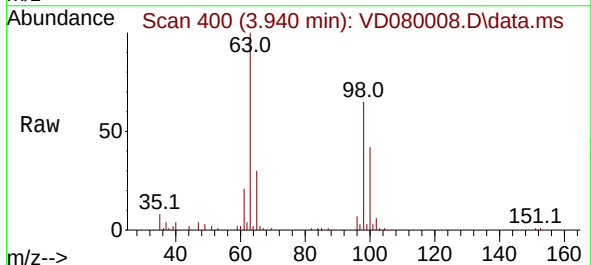
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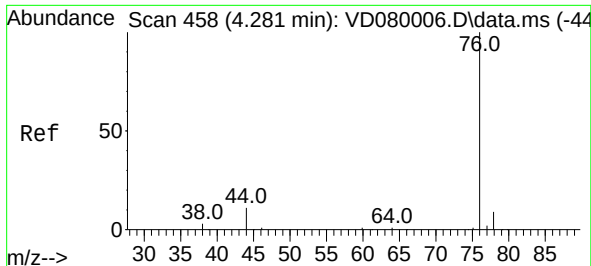
Tgt Ion:101	Resp:	2465
Ion	Ratio	Lower Upper
101	100	
85	37.4	34.9 52.3
151	70.9	60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 0.974 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD080008.D
 Acq: 14 Nov 2024 12:37

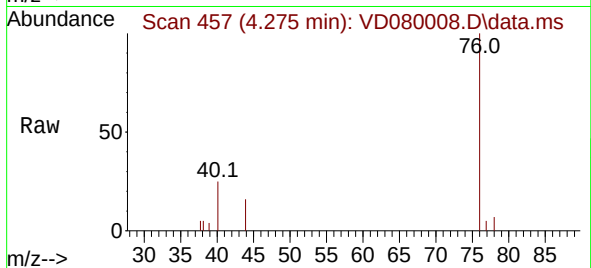
Tgt Ion: 96	Resp:	2995
Ion	Ratio	Lower Upper
96	100	
61	302.3	111.2 206.6#
63	1432.0	78.9 146.5#



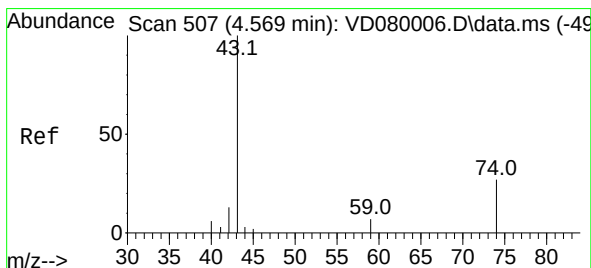
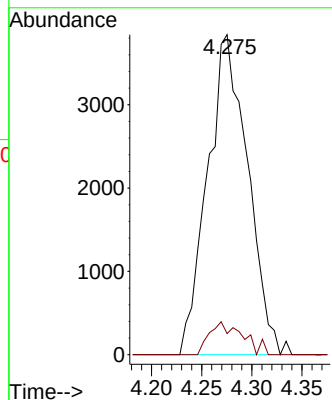
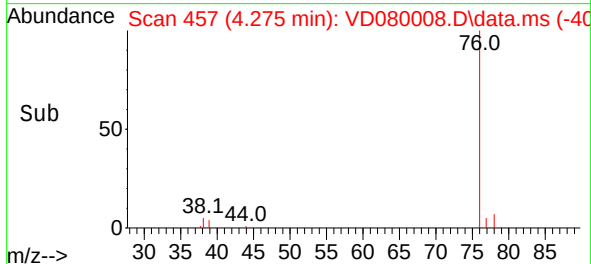


#14
Carbon disulfide
Concen: 1.039 ug/L
RT: 4.275 min Scan# 41
Delta R.T. -0.006 min
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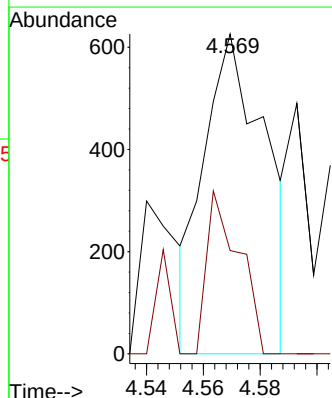
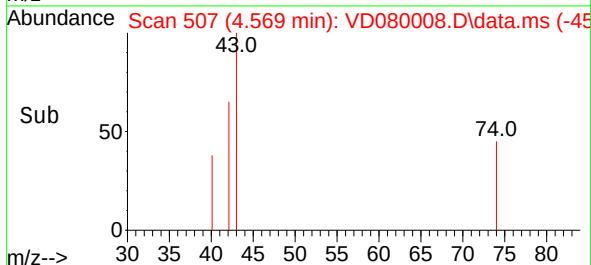
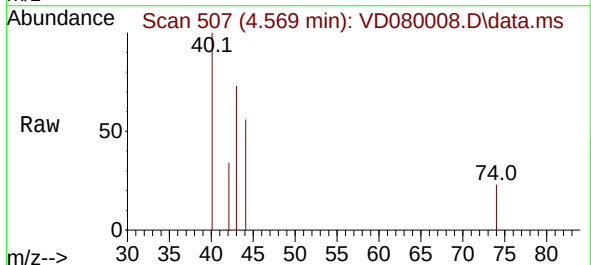


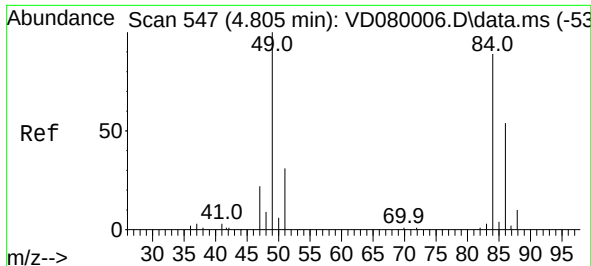
Tgt Ion: 76 Resp: 10675
Ion Ratio Lower Upper
76 100
78 6.6 7.4 11.2#



#15
Methyl Acetate
Concen: 0.703 ug/L
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
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Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
74 26.8 0.2 0.2#





#16

Methylene chloride

Concen: 1.969 ug/L

RT: 4.793 min Scan# 547

Delta R.T. -0.012 min

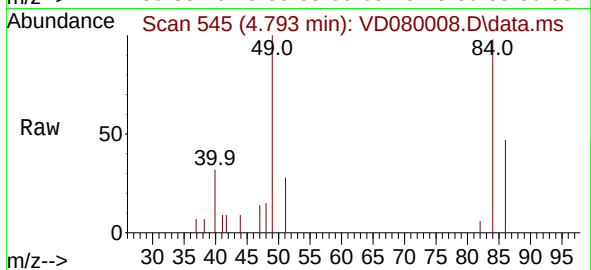
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ClientSampleId :



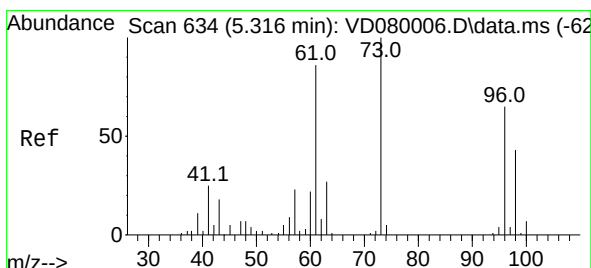
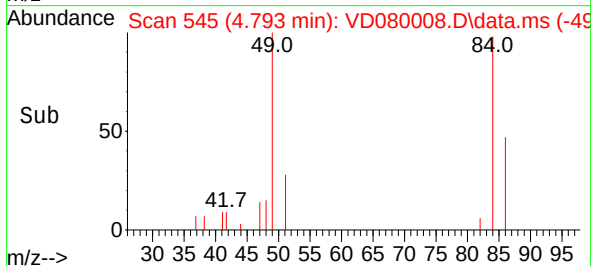
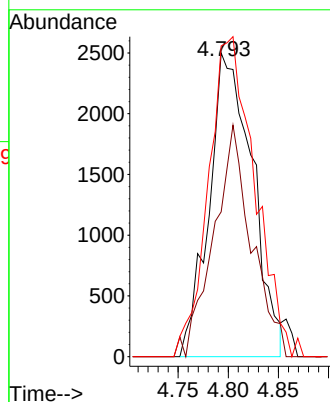
Tgt Ion: 84 Resp: 7502

Ion Ratio Lower Upper

84 100

86 47.7 45.4 84.4

49 102.3 77.3 143.7



#17

trans-1,2-Dichloroethene

Concen: 1.018 ug/L

RT: 5.316 min Scan# 634

Delta R.T. 0.000 min

Lab File: VD080008.D

Acq: 14 Nov 2024 12:37

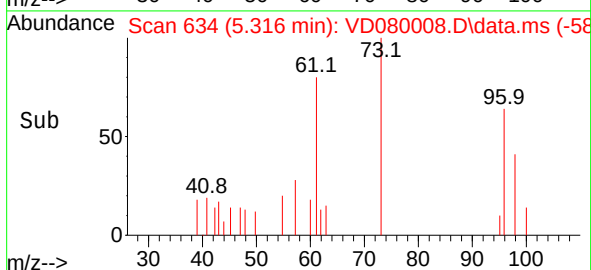
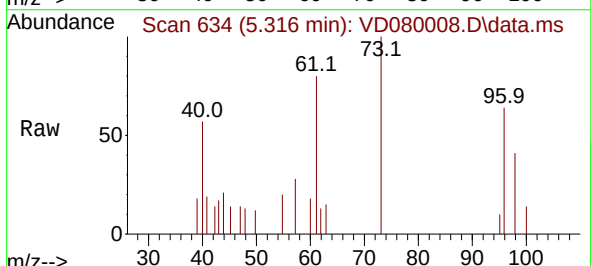
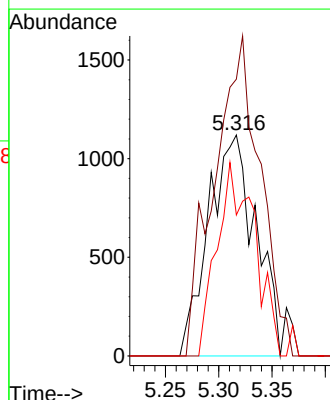
Tgt Ion: 96 Resp: 3447

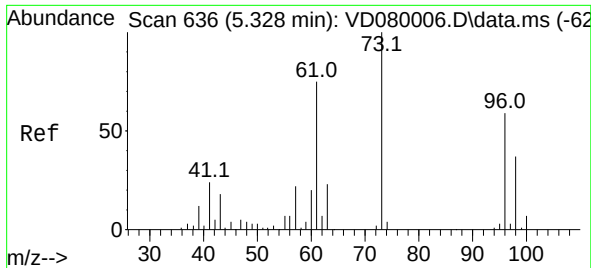
Ion Ratio Lower Upper

96 100

61 125.3 91.1 169.3

98 63.8 41.6 77.2





#18

Methyl tert-butyl Ether

Concen: 0.995 ug/L

RT: 5.322 min Scan# 61

Delta R.T. -0.006 min

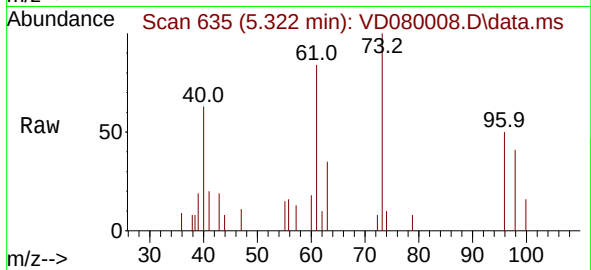
Lab File: VD080008.D

Acq: 14 Nov 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :



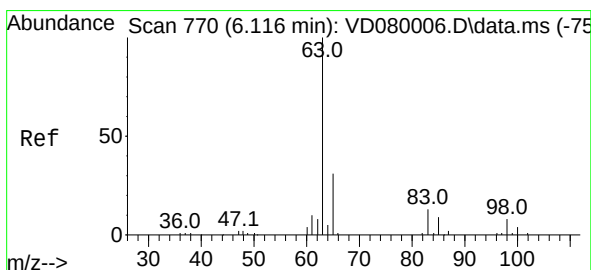
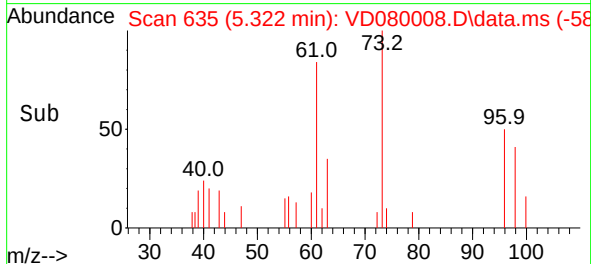
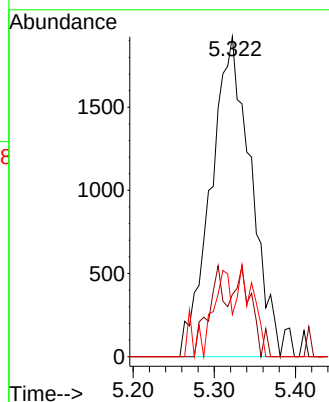
Tgt Ion: 73 Resp: 6556

Ion Ratio Lower Upper

73 100

43 12.1 16.1 24.1#

57 2.6 18.5 27.7#



#19

1,1-Dichloroethane

Concen: 1.193 ug/L

RT: 6.105 min Scan# 768

Delta R.T. -0.012 min

Lab File: VD080008.D

Acq: 14 Nov 2024 12:37

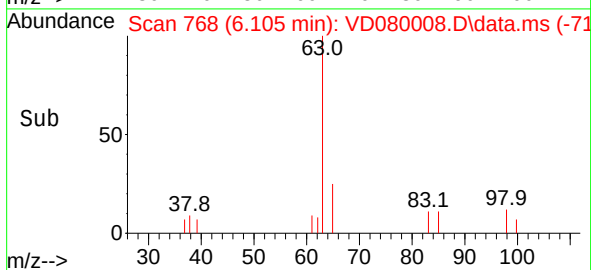
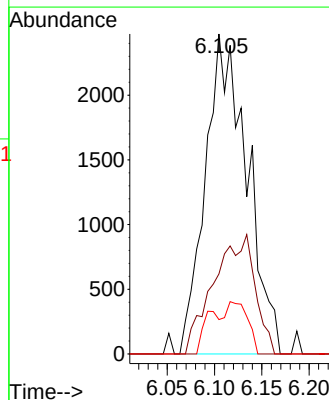
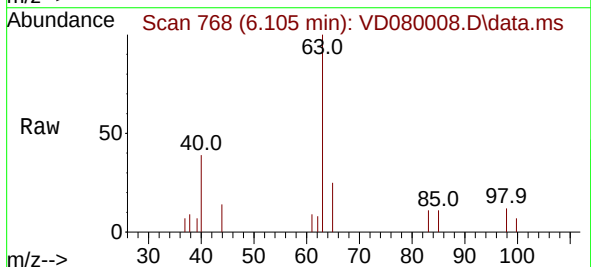
Tgt Ion: 63 Resp: 7549

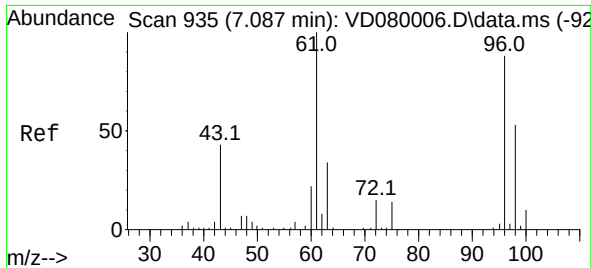
Ion Ratio Lower Upper

63 100

65 25.0 21.9 40.7

83 10.8 9.0 16.6

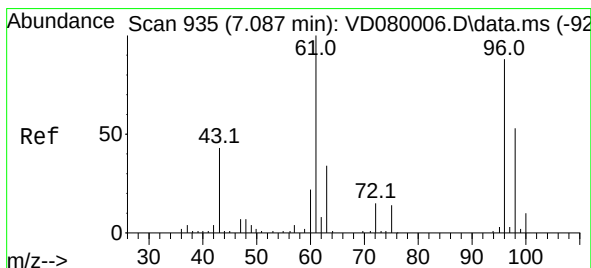
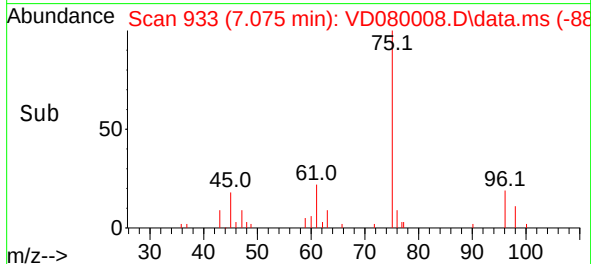
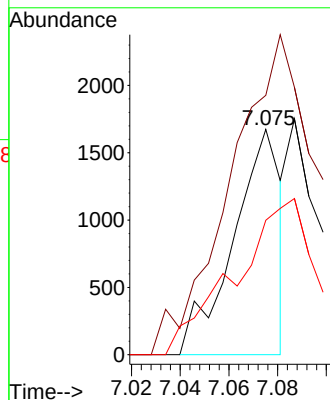
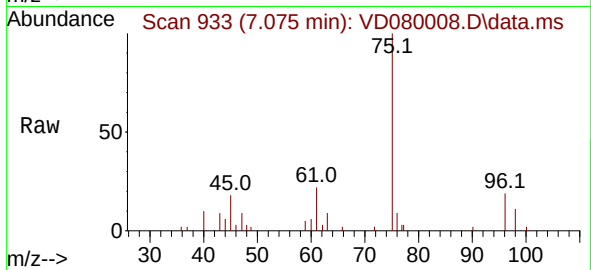




#20
cis-1,2-Dichloroethene
Concen: 0.619 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

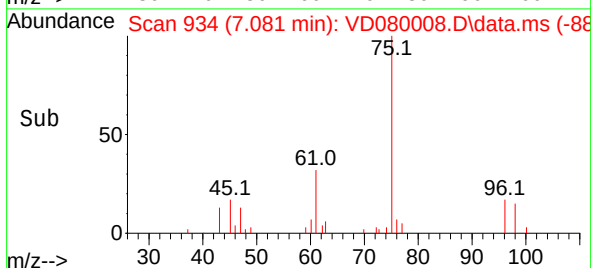
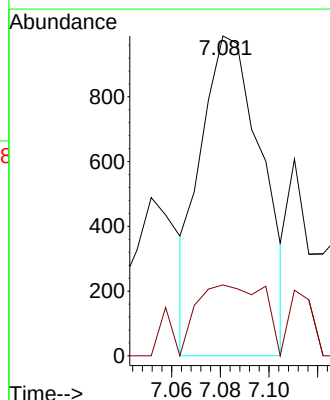
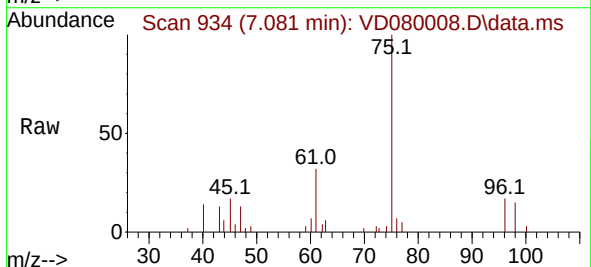
Instrument :
MSVOA_D
ClientSampleId :

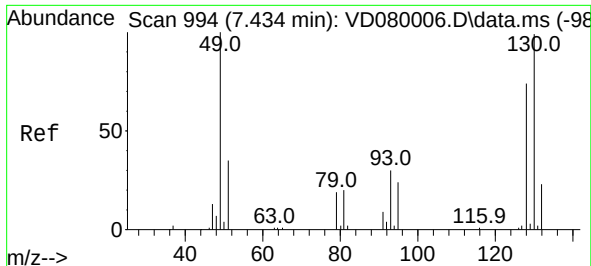
Tgt Ion: 96 Resp: 2288
Ion Ratio Lower Upper
96 100
61 115.2 84.8 157.4
98 59.7 44.4 82.5



#22
2-Butanone
Concen: 1.705 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

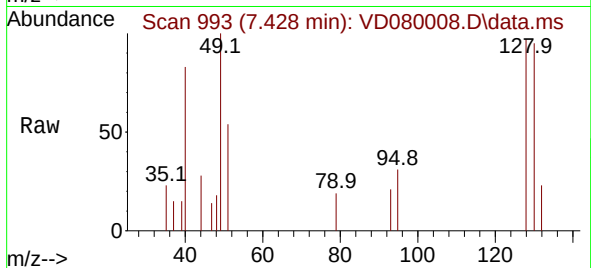
Tgt Ion: 43 Resp: 1730
Ion Ratio Lower Upper
43 100
72 19.9 14.3 42.9



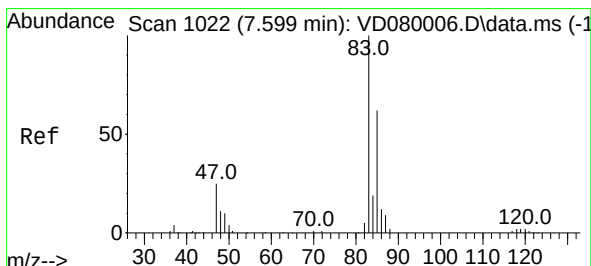
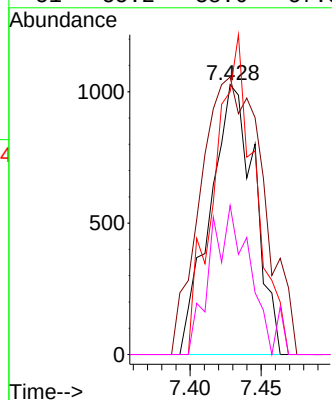
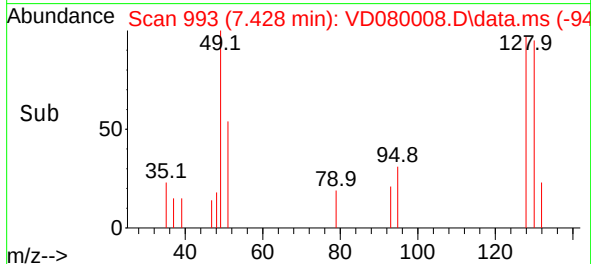


#23
Bromochloromethane
Concen: 1.225 ug/L
RT: 7.428 min Scan# 994
Delta R.T. -0.006 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

Instrument :
MSVOA_D
ClientSampleId :

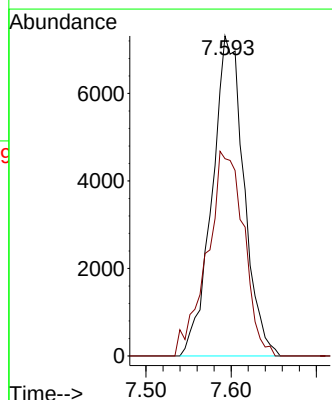
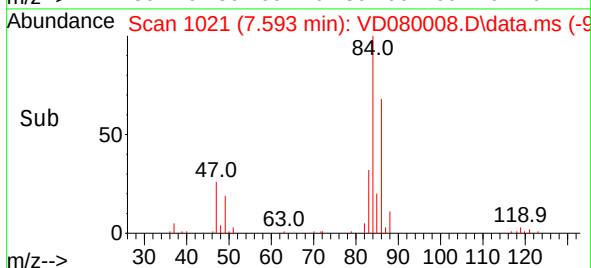
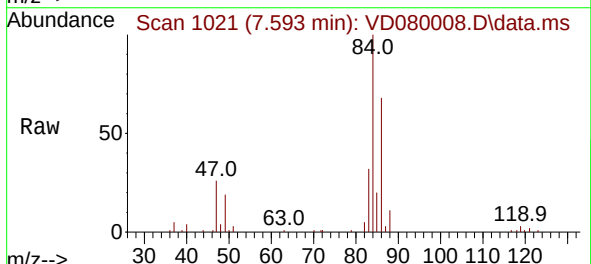


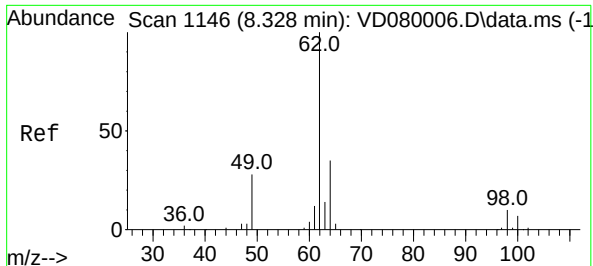
Tgt Ion:128 Resp: 2248
Ion Ratio Lower Upper
128 100
49 102.8 103.2 191.6#
130 97.3 90.6 168.2
51 55.2 38.6 57.8



#25
Chloroform
Concen: 2.589 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

Tgt Ion: 83 Resp: 18943
Ion Ratio Lower Upper
83 100
85 61.7 45.6 84.6

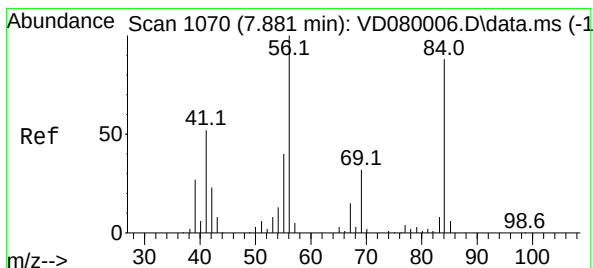
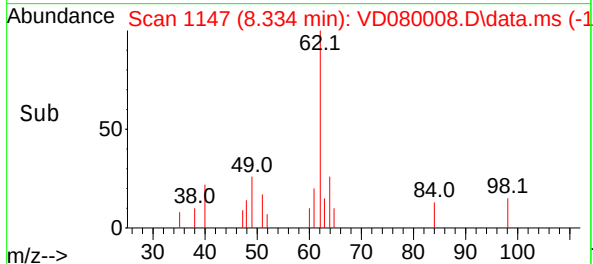
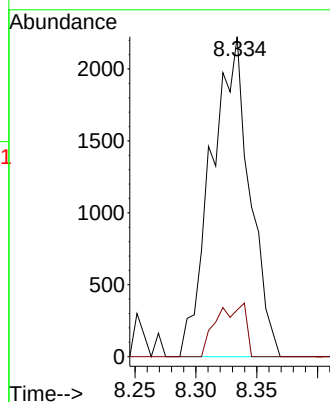
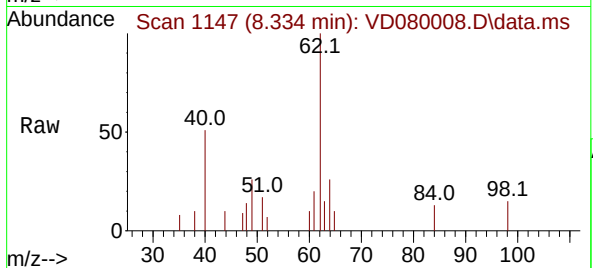




#27
1,2-Dichloroethane
Concen: 1.150 ug/L
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

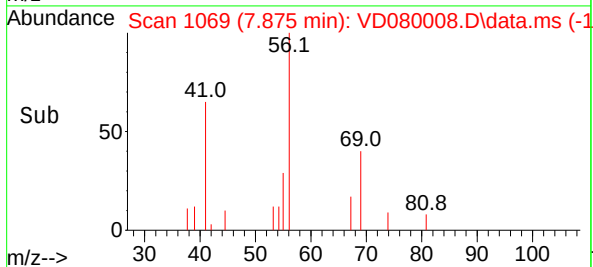
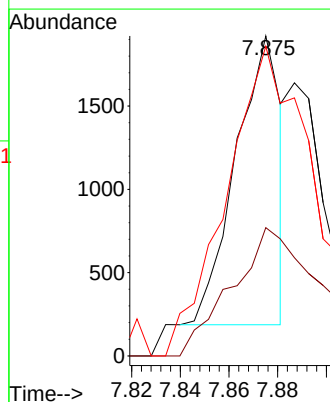
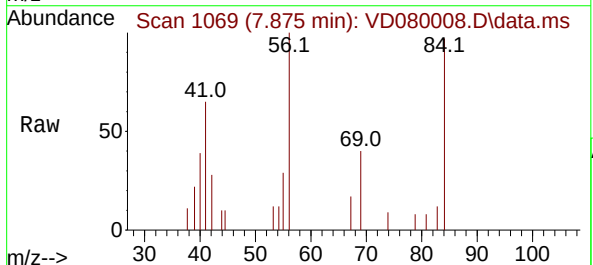
Instrument :
MSVOA_D
ClientSampleId :

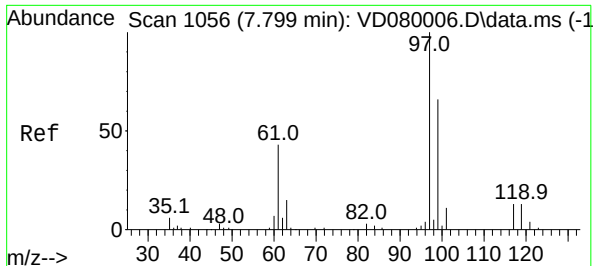
Tgt Ion: 62 Resp: 4914
Ion Ratio Lower Upper
62 100
98 14.6 7.5 11.3#



#29
Cyclohexane
Concen: 0.475 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

Tgt Ion: 56 Resp: 2237
Ion Ratio Lower Upper
56 100
69 83.3 25.6 38.4#
84 206.1 71.0 106.6#

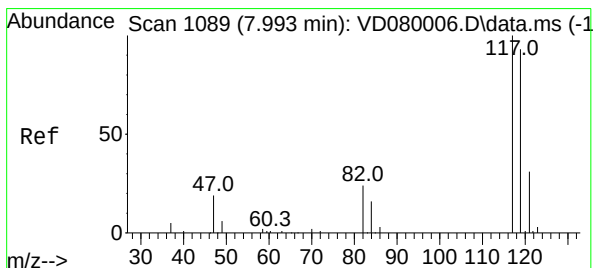
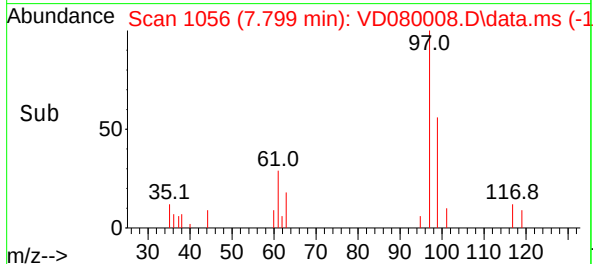
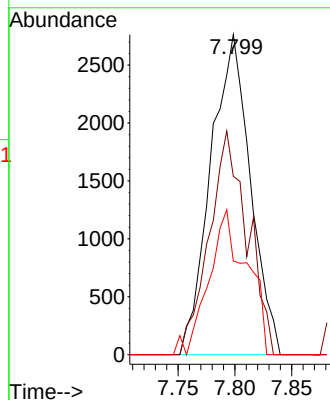
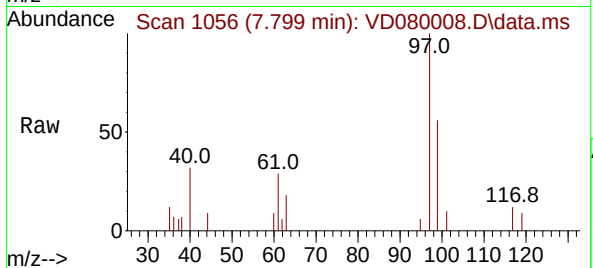




#30
1,1,1-Trichloroethane
Concen: 1.207 ug/L
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

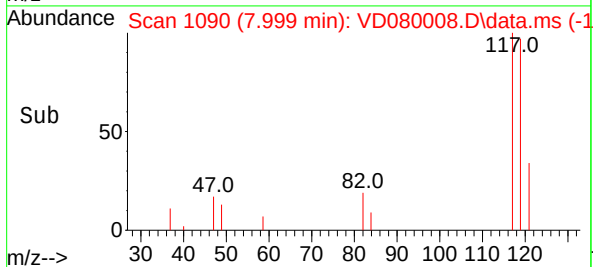
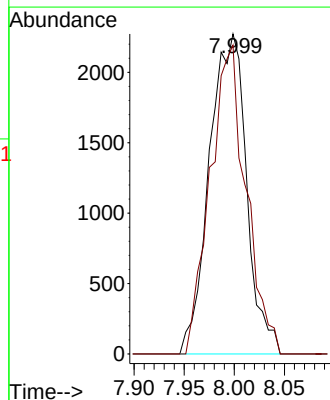
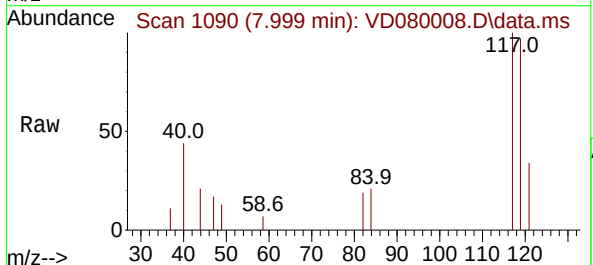
Instrument :
MSVOA_D
ClientSampleId :

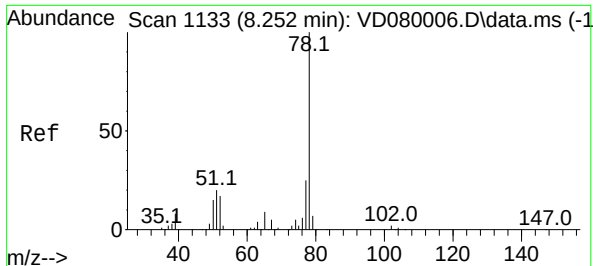
Tgt Ion: 97 Resp: 6726
Ion Ratio Lower Upper
97 100
99 67.1 51.5 77.3
61 31.0 34.3 51.5#



#31
Carbon tetrachloride
Concen: 1.198 ug/L
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

Tgt Ion: 117 Resp: 5864
Ion Ratio Lower Upper
117 100
119 93.1 76.8 115.2





#33

Benzene

Concen: 1.270 ug/L

RT: 8.246 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VD080008.D

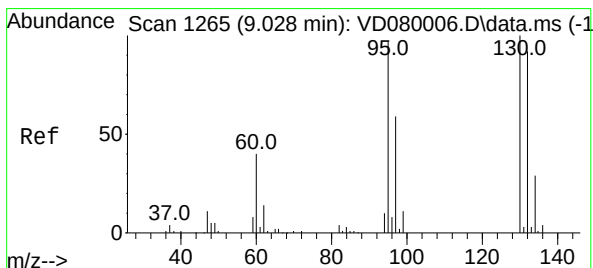
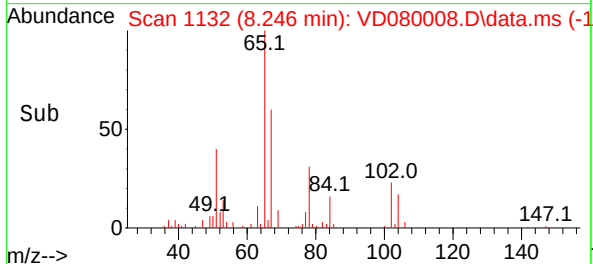
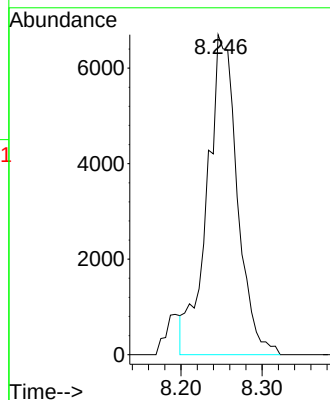
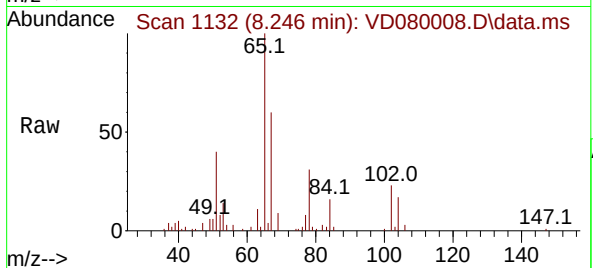
Acq: 14 Nov 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 78 Resp: 17294



#34

Trichloroethene

Concen: 1.219 ug/L

RT: 9.034 min Scan# 1266

Delta R.T. 0.006 min

Lab File: VD080008.D

Acq: 14 Nov 2024 12:37

Tgt Ion: 95 Resp: 4449

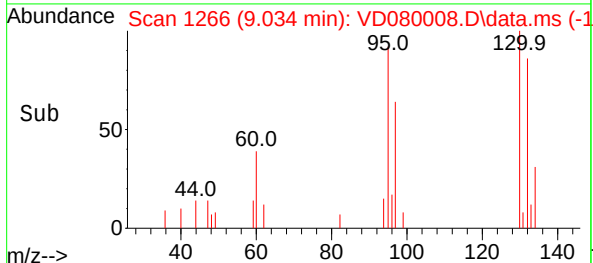
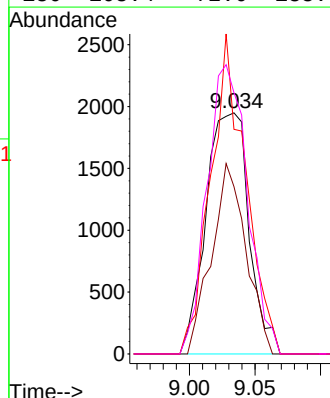
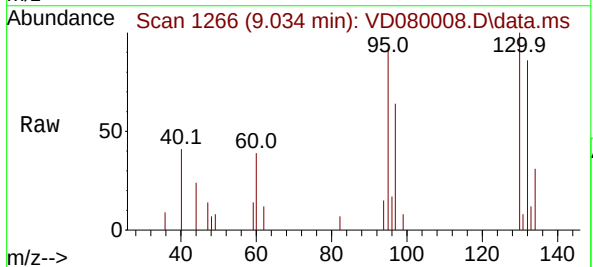
Ion Ratio Lower Upper

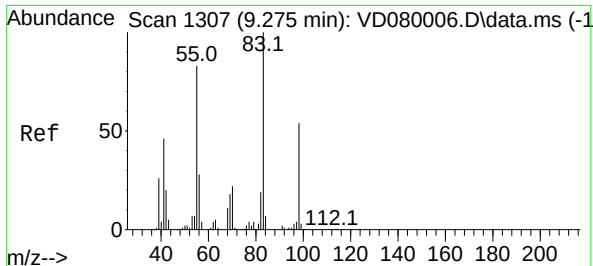
95 100

97 69.4 47.7 88.5

132 93.2 72.8 135.2

130 108.4 72.0 133.6





#35

Methylcyclohexane

Concen: 1.030 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD080008.D

Acq: 14 Nov 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :

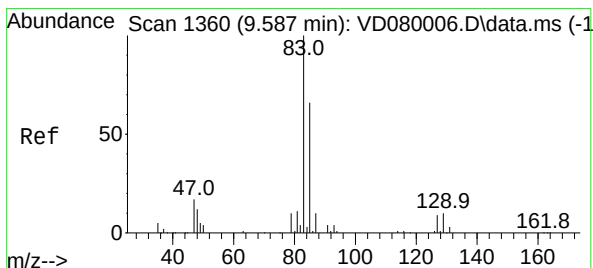
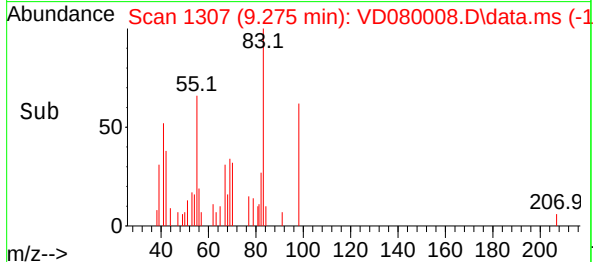
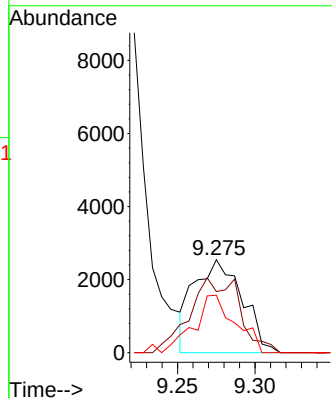
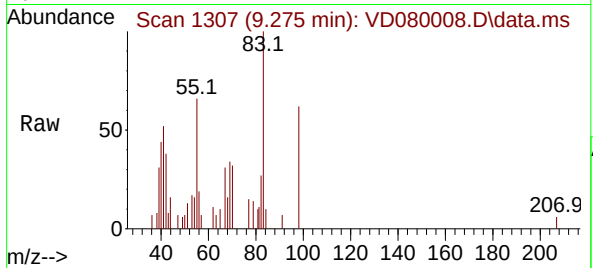
Tgt Ion: 83 Resp: 5497

Ion Ratio Lower Upper

83 100

55 49.1 61.2 91.8#

98 39.7 38.2 57.2



#38

Bromodichloromethane

Concen: 1.261 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD080008.D

Acq: 14 Nov 2024 12:37

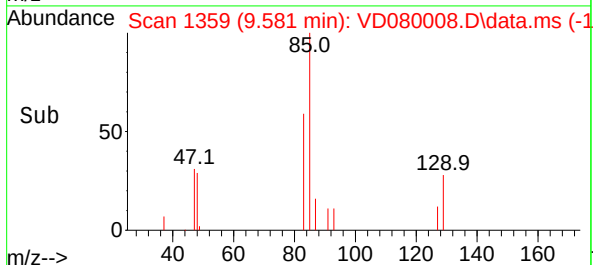
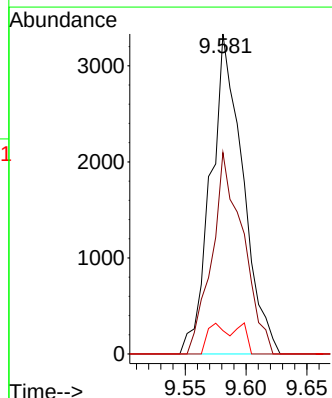
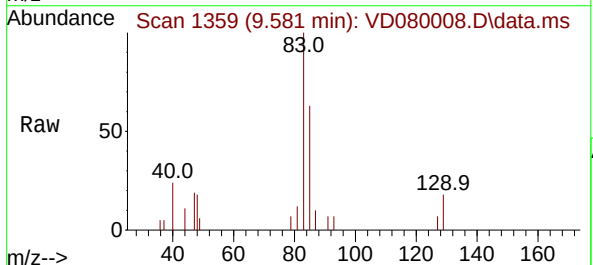
Tgt Ion: 83 Resp: 6113

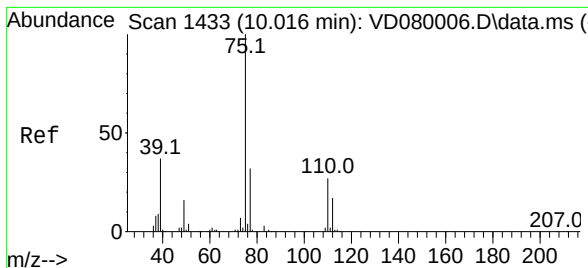
Ion Ratio Lower Upper

83 100

85 62.9 46.0 85.4

127 7.3 6.7 10.1

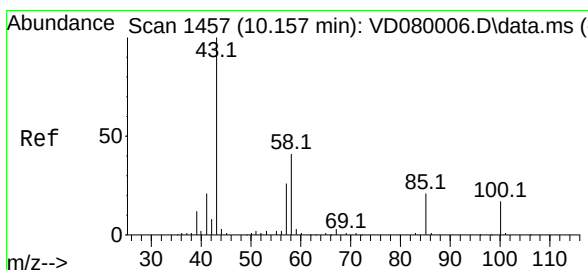
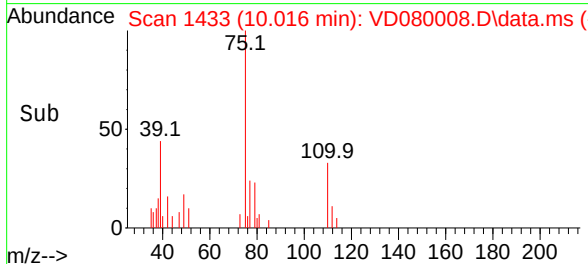
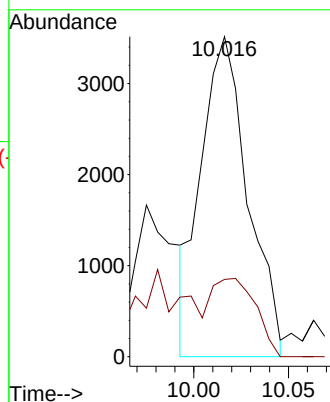
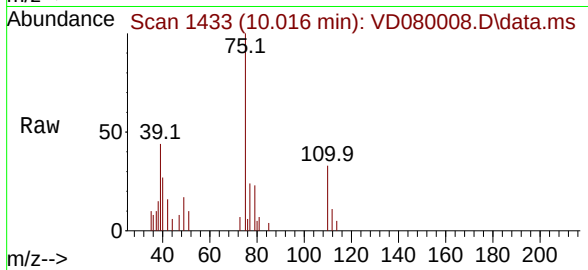




#39
cis-1,3-Dichloropropene
Concen: 1.103 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

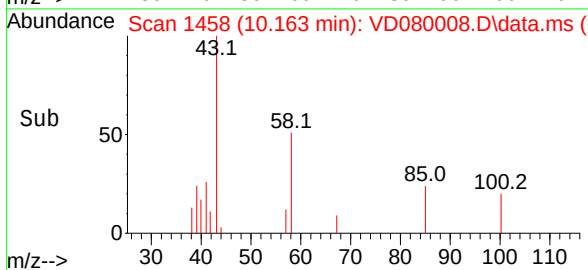
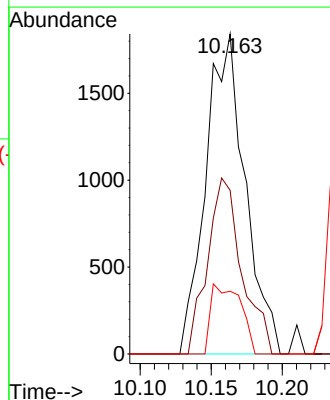
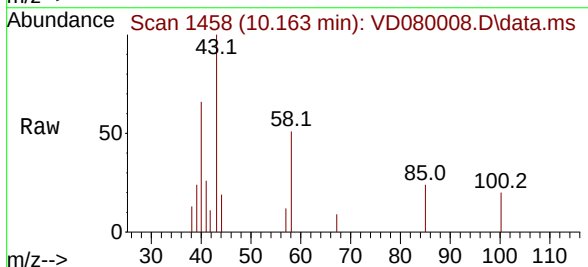
Instrument :
MSVOA_D
ClientSampleId :

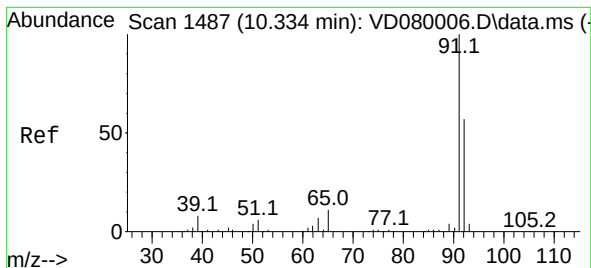
Tgt Ion: 75 Resp: 6058
Ion Ratio Lower Upper
75 100
77 24.2 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 1.969 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

Tgt Ion: 43 Resp: 3536
Ion Ratio Lower Upper
43 100
58 48.1 31.5 47.3#
100 7.5 12.7 19.1#





#42

Toluene

Concen: 1.278 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD080008.D

Acq: 14 Nov 2024 12:37

Instrument :

MSVOA_D

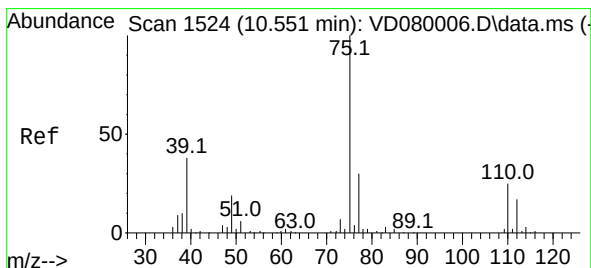
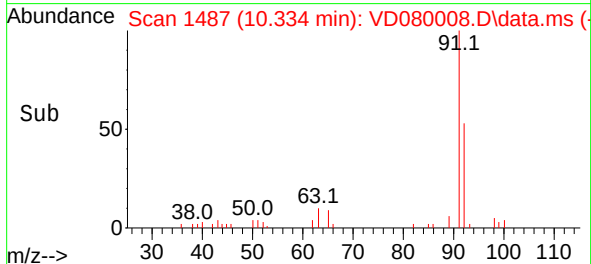
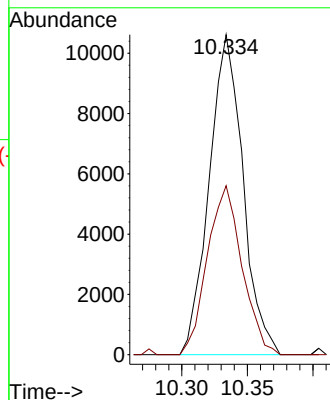
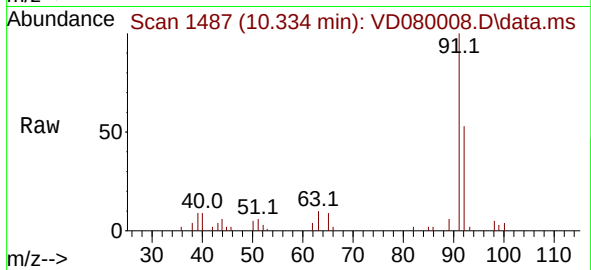
ClientSampleId :

Tgt Ion: 91 Resp: 19005

Ion Ratio Lower Upper

91 100

92 52.8 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 1.315 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD080008.D

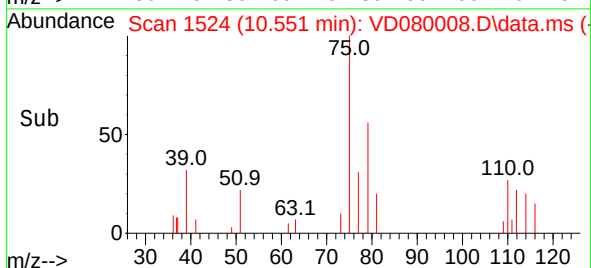
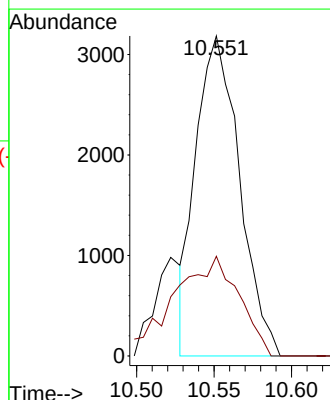
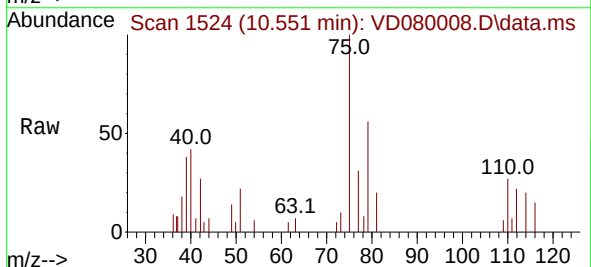
Acq: 14 Nov 2024 12:37

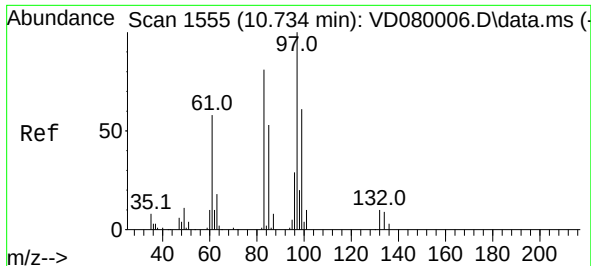
Tgt Ion: 75 Resp: 6220

Ion Ratio Lower Upper

75 100

77 31.1 21.0 39.0





#45

1,1,2-Trichloroethane

Concen: 1.246 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD080008.D

Acq: 14 Nov 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 3609

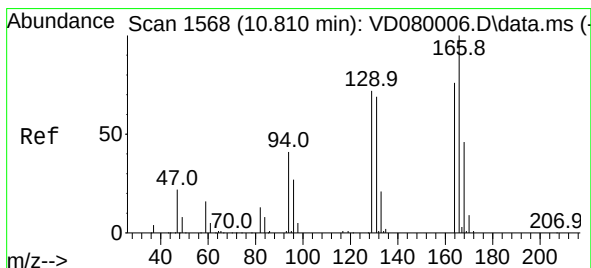
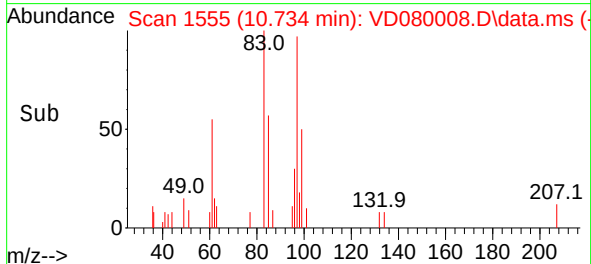
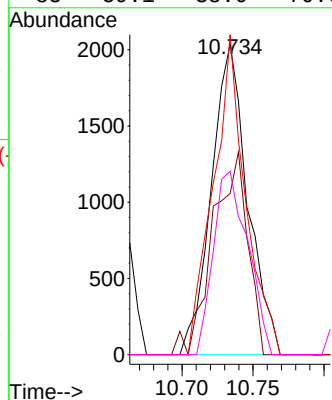
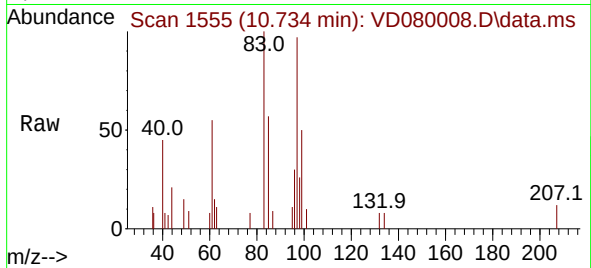
Ion Ratio Lower Upper

97 100

99 51.9 45.2 84.0

83 103.0 61.5 114.3

85 59.1 38.0 70.6



#46

Tetrachloroethene

Concen: 1.127 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD080008.D

Acq: 14 Nov 2024 12:37

Tgt Ion: 164 Resp: 3501

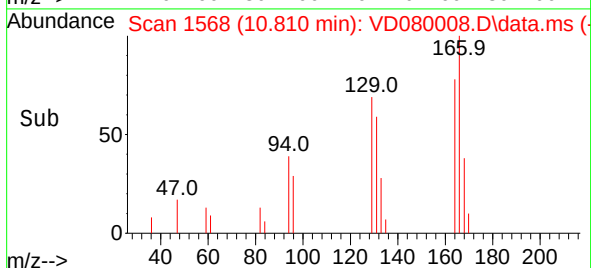
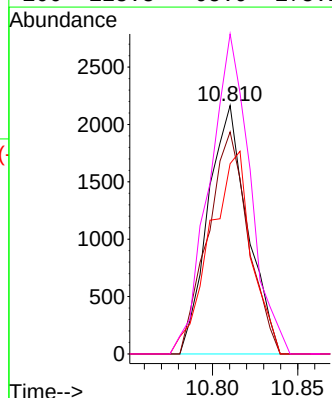
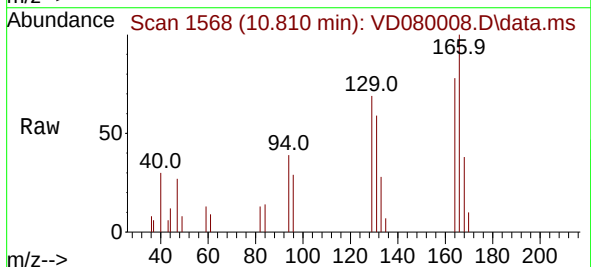
Ion Ratio Lower Upper

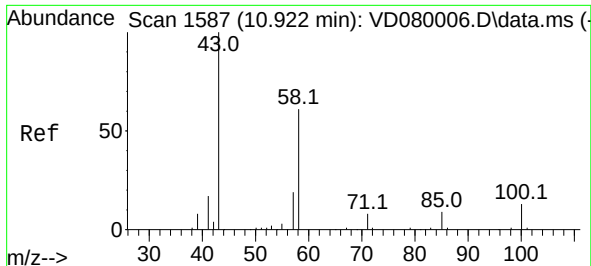
164 100

129 89.3 69.1 128.3

131 76.5 65.4 121.4

166 128.8 95.9 178.1

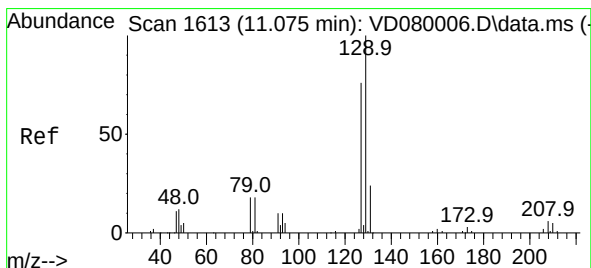
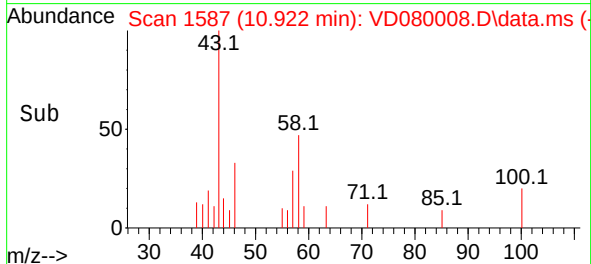
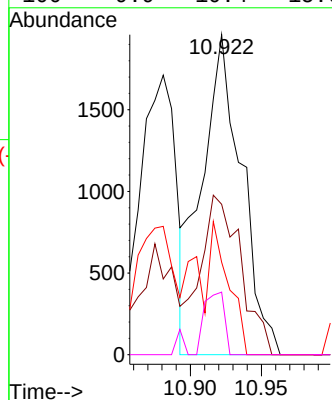
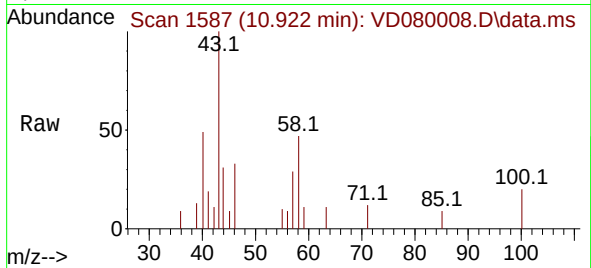




#48
2-Hexanone
Concen: 2.650 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

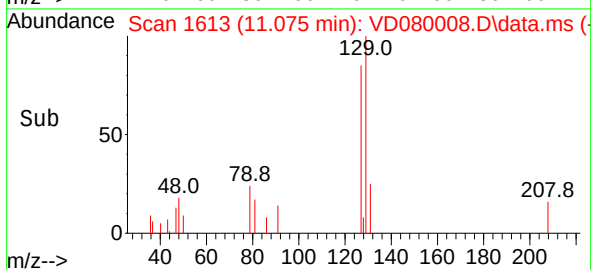
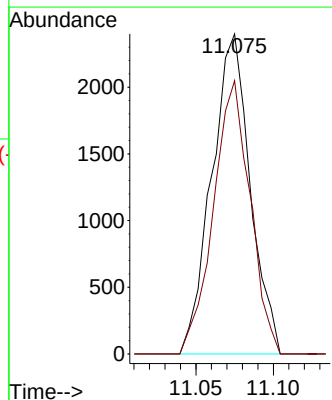
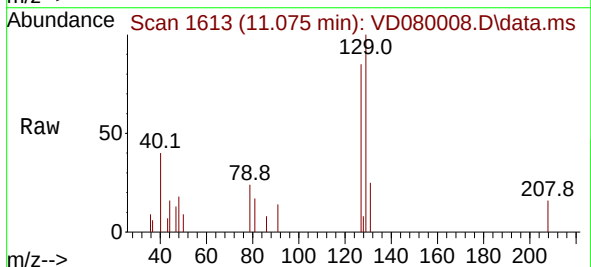
Instrument :
MSVOA_D
ClientSampleId :

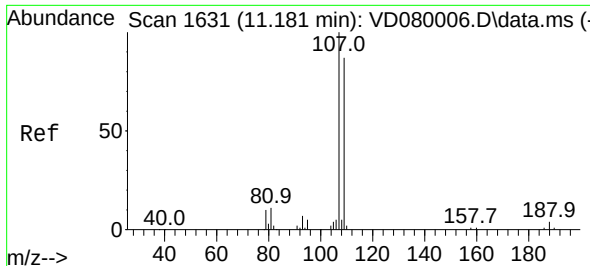
Tgt Ion: 43	Resp: 3837
Ion Ratio	Lower Upper
43	100
58	32.8 45.9 68.9#
57	19.5 15.2 22.8
100	9.9 10.4 15.6#



#49
Dibromochloromethane
Concen: 1.215 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

Tgt Ion: 129	Resp: 4144
Ion Ratio	Lower Upper
129	100
127	85.4 54.9 102.1





#50

1,2-Dibromoethane

Concen: 1.222 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080008.D

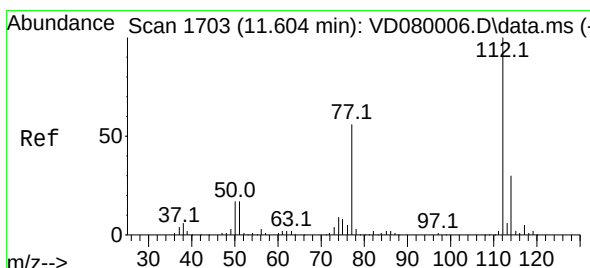
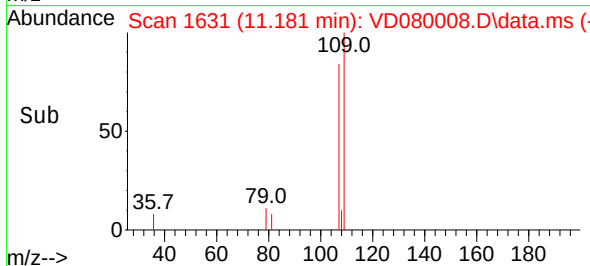
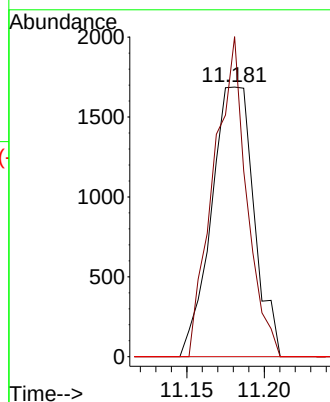
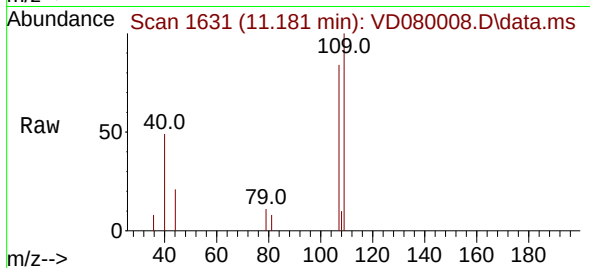
Acq: 14 Nov 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	3231
Ion	Ratio	Lower	Upper
107	100		
109	118.7	66.6	123.8
188	0.0	2.8	4.2#



#51

Chlorobenzene

Concen: 1.145 ug/L

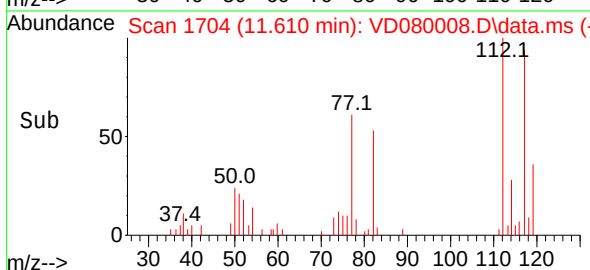
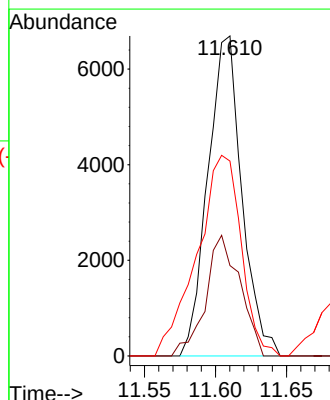
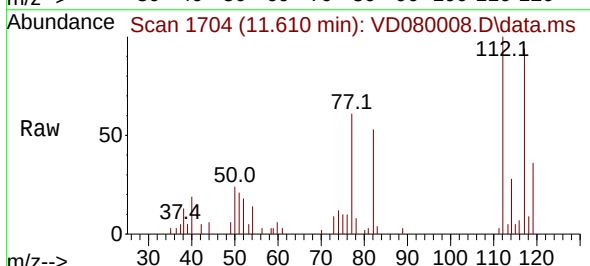
RT: 11.610 min Scan# 1704

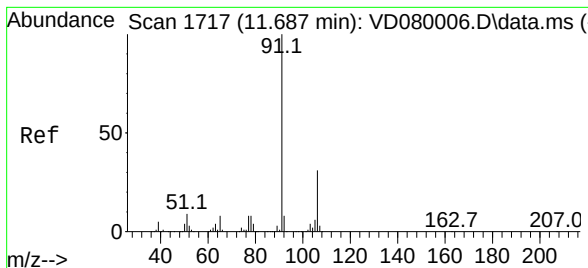
Delta R.T. 0.006 min

Lab File: VD080008.D

Acq: 14 Nov 2024 12:37

Tgt Ion:	112	Resp:	11158
Ion	Ratio	Lower	Upper
112	100		
114	28.3	21.8	40.4
77	60.9	49.1	73.7





#52

Ethylbenzene

Concen: 1.029 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD080008.D

Acq: 14 Nov 2024 12:37

Instrument :

MSVOA_D

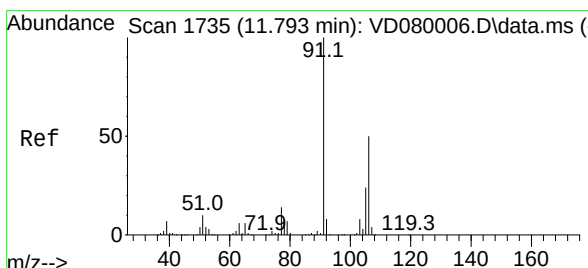
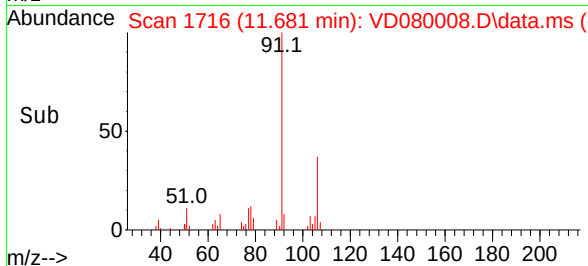
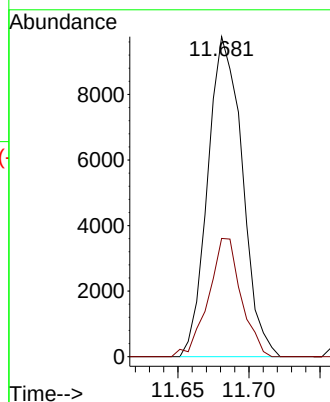
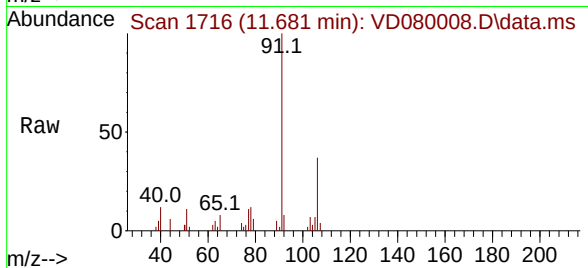
ClientSampleId :

Tgt Ion: 91 Resp: 16514

Ion Ratio Lower Upper

91 100

106 36.9 21.2 39.4



#53

m,p-Xylene

Concen: 1.140 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD080008.D

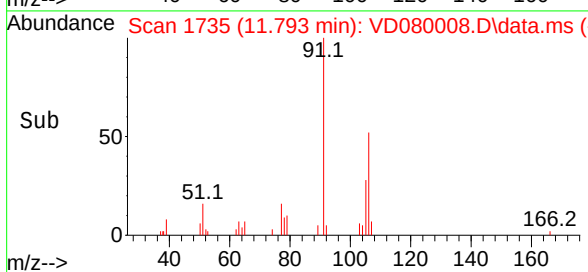
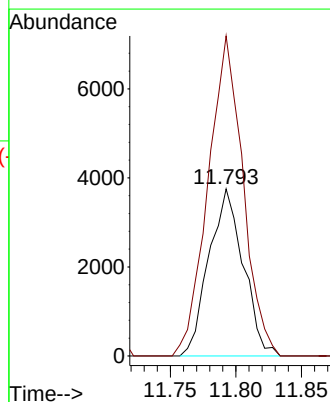
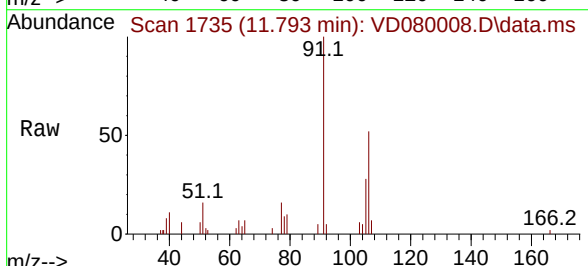
Acq: 14 Nov 2024 12:37

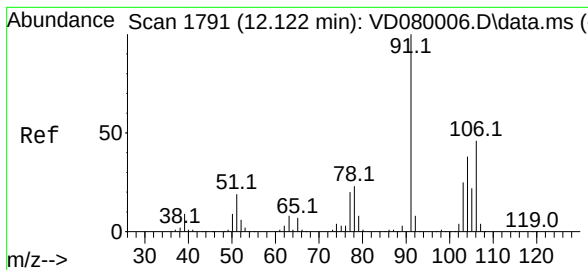
Tgt Ion:106 Resp: 6860

Ion Ratio Lower Upper

106 100

91 191.6 149.3 277.3

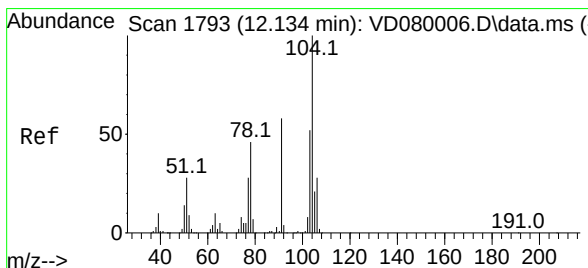
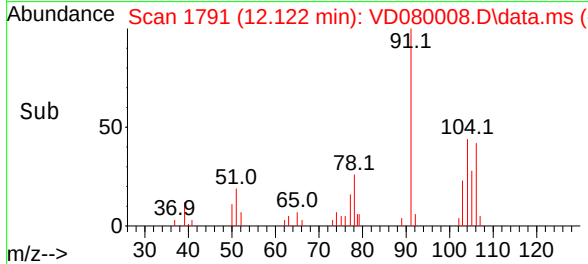
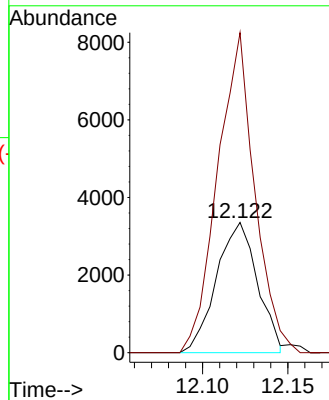
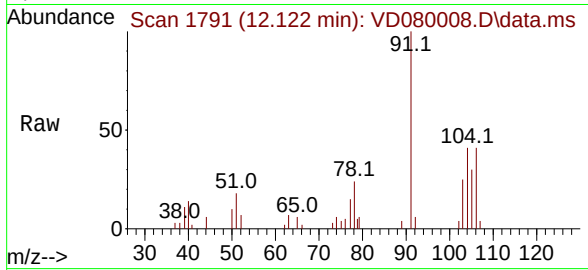




#54
o-Xylene
Concen: 0.982 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

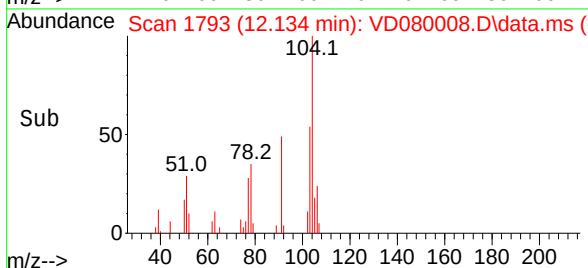
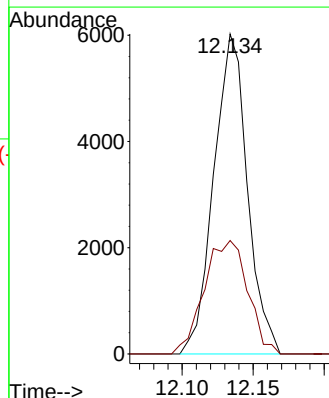
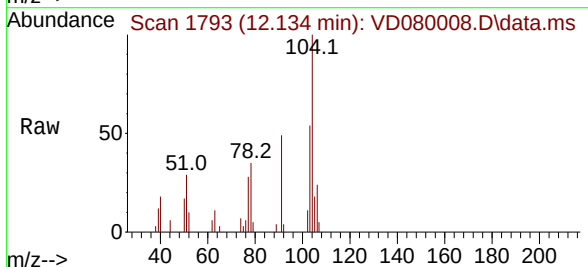
Instrument :
MSVOA_D
ClientSampleId :

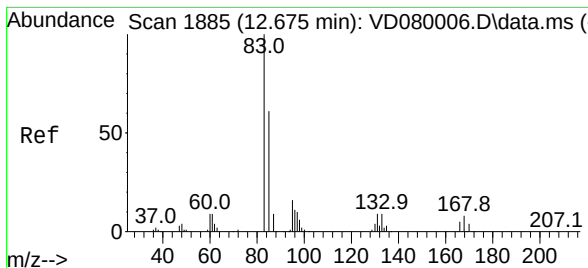
Tgt Ion:106 Resp: 5630
Ion Ratio Lower Upper
106 100
91 245.7 148.0 274.8



#55
Styrene
Concen: 0.960 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

Tgt Ion:104 Resp: 9905
Ion Ratio Lower Upper
104 100
78 35.4 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 1.261 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD080008.D

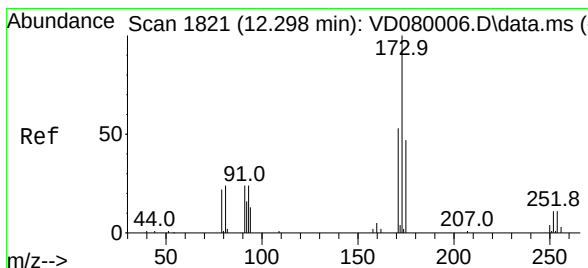
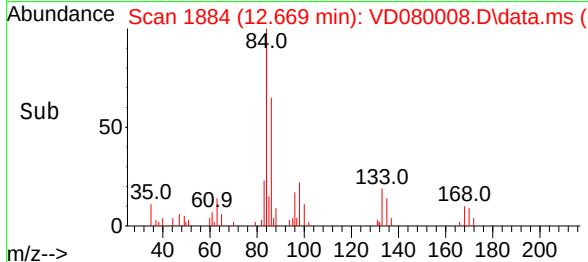
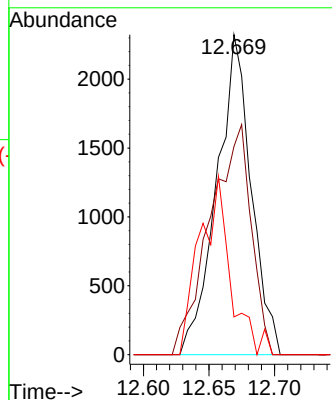
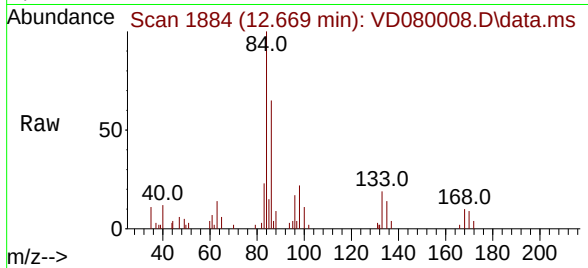
Acq: 14 Nov 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	4242
Ion	Ratio	Lower	Upper
83	100		
85	65.0	44.4	82.4
131	19.8	8.6	13.0#



#59

Bromoform

Concen: 1.498 ug/L

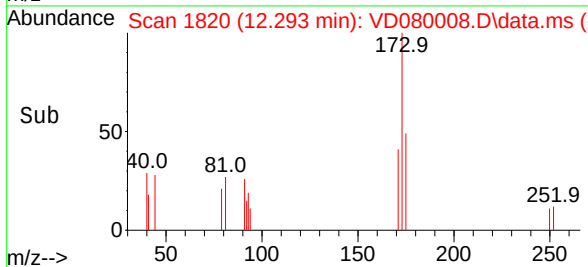
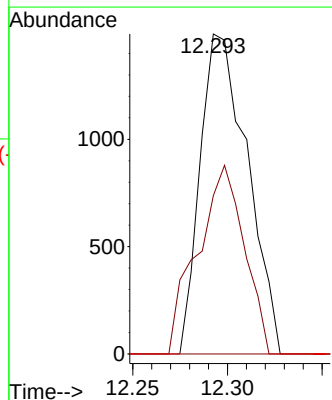
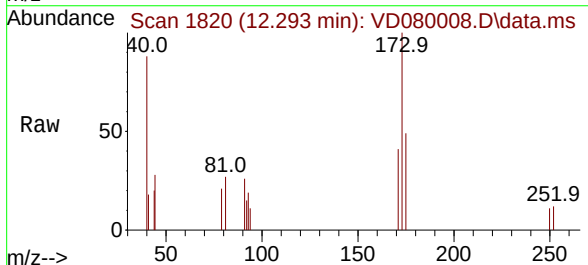
RT: 12.293 min Scan# 1820

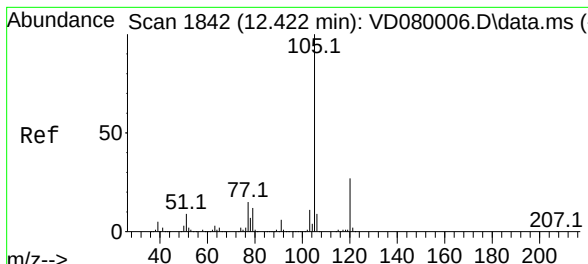
Delta R.T. -0.006 min

Lab File: VD080008.D

Acq: 14 Nov 2024 12:37

Tgt Ion:	173	Resp:	2585
Ion	Ratio	Lower	Upper
173	100		
175	58.6	39.0	58.6#
254	0.0	8.3	12.5#

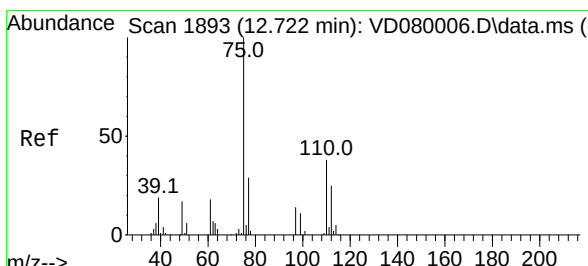
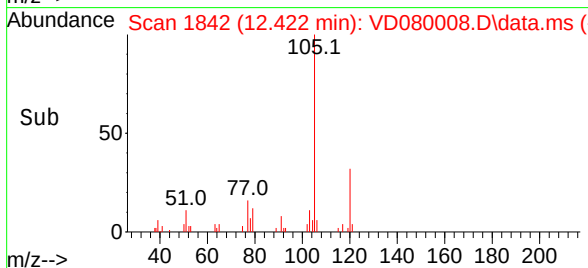
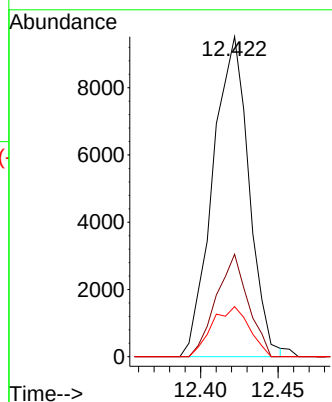
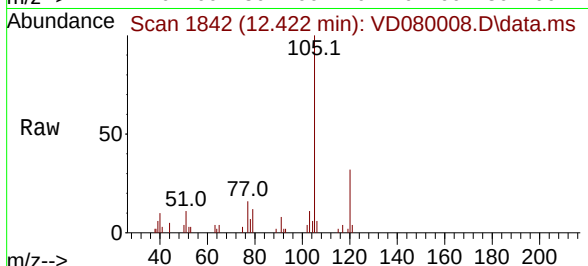




#60
Isopropylbenzene
Concen: 1.208 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

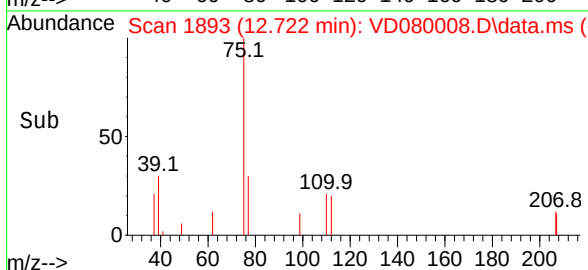
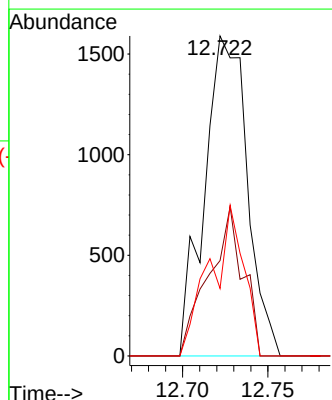
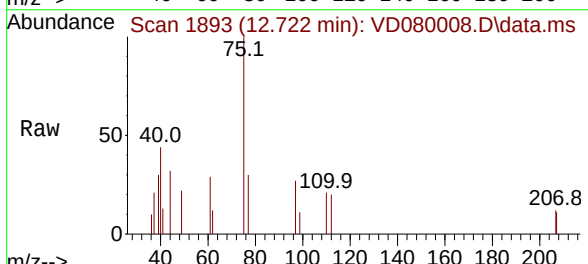
Instrument :
MSVOA_D
ClientSampleId :

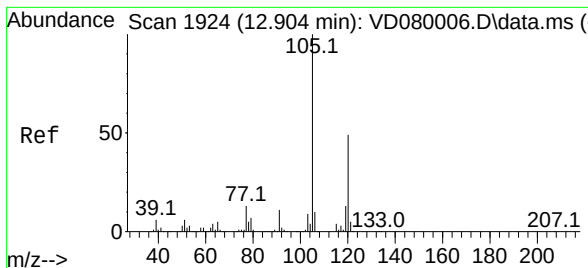
Tgt Ion:	105	Resp:	15439
Ion Ratio	Lower	Upper	
105	100		
120	28.3	21.3	31.9
77	16.1	12.6	18.8



#61
1,2,3-Trichloropropane
Concen: 1.525 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

Tgt Ion:	75	Resp:	2780
Ion Ratio	Lower	Upper	
75	100		
77	37.3	26.3	39.5
110	20.3	30.2	45.2#

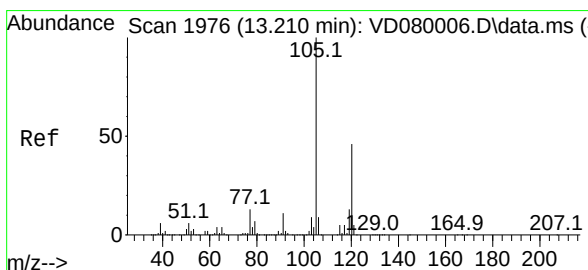
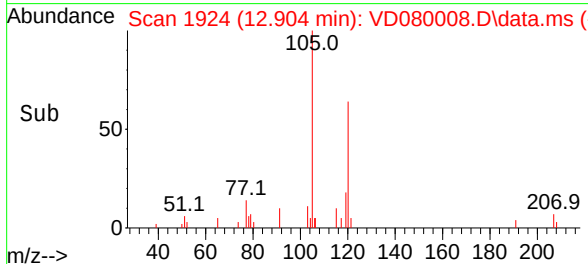
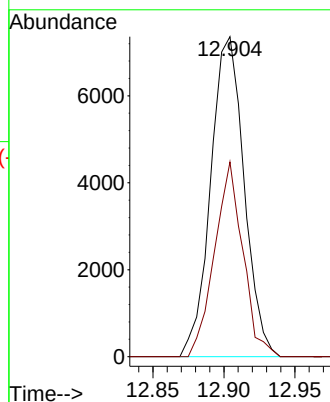
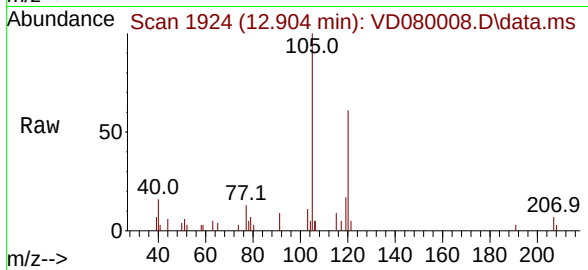




#62
1,3,5-Trimethylbenzene
Concen: 1.201 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

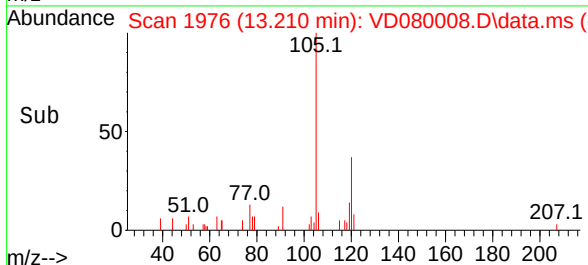
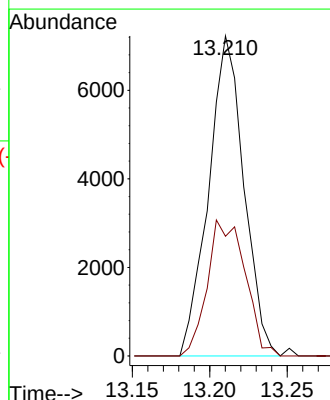
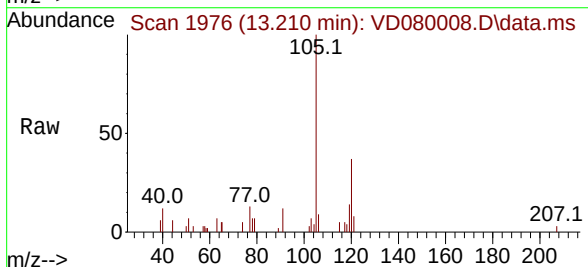
Instrument :
MSVOA_D
ClientSampleId :

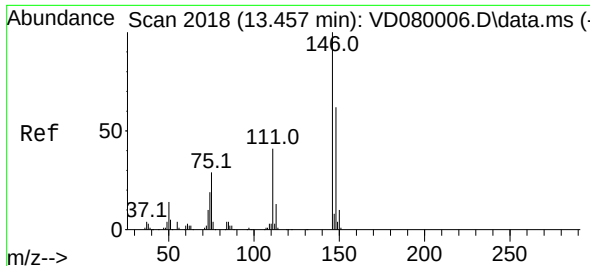
Tgt Ion:105 Resp: 12061
Ion Ratio Lower Upper
105 100
120 51.5 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 1.145 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

Tgt Ion:105 Resp: 11446
Ion Ratio Lower Upper
105 100
120 45.4 36.8 55.2

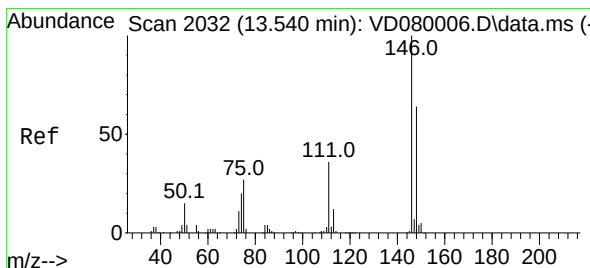
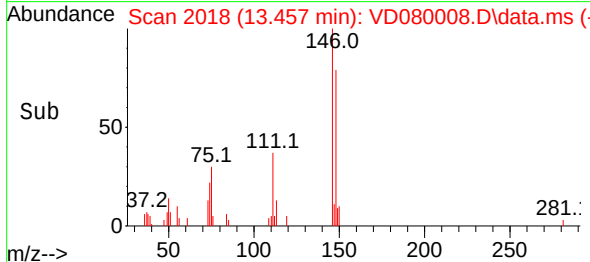
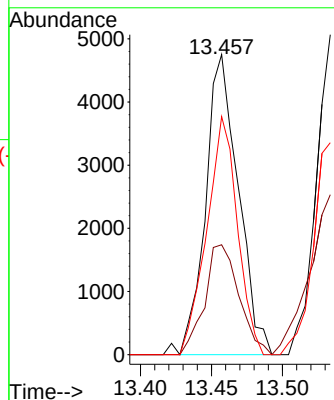
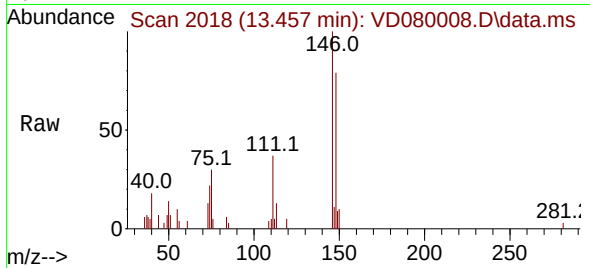




#64
1,3-Dichlorobenzene
Concen: 1.212 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

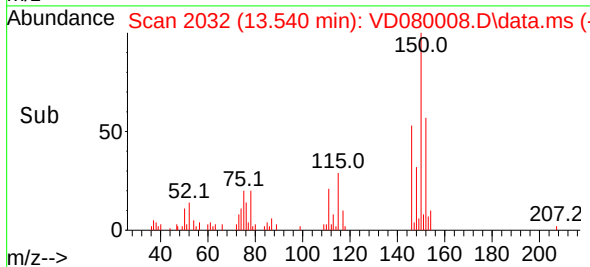
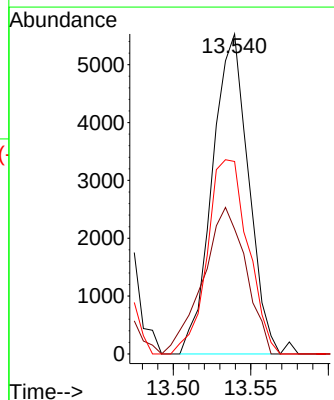
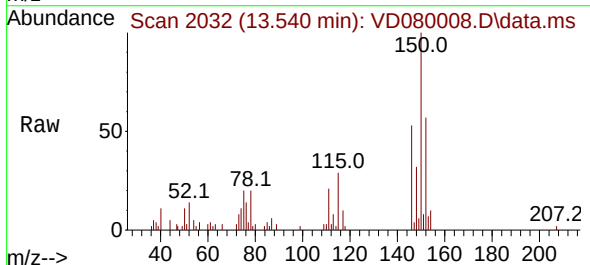
Instrument :
MSVOA_D
ClientSampleId :

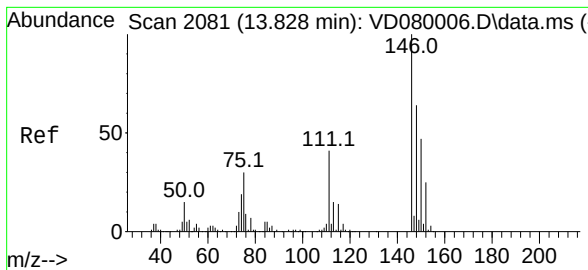
Tgt Ion:	146	Resp:	7602
Ion	Ratio	Lower	Upper
146	100		
111	36.6	28.2	52.4
148	79.3	44.4	82.4



#65
1,4-Dichlorobenzene
Concen: 1.362 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

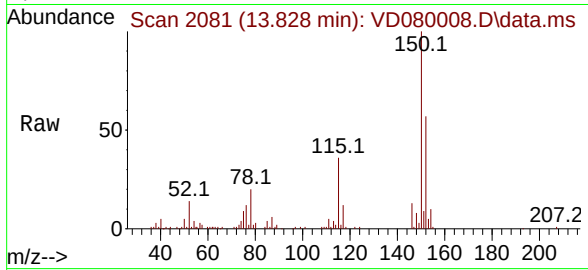
Tgt Ion:	146	Resp:	8950
Ion	Ratio	Lower	Upper
146	100		
111	39.0	26.2	48.8
148	60.2	46.1	85.5



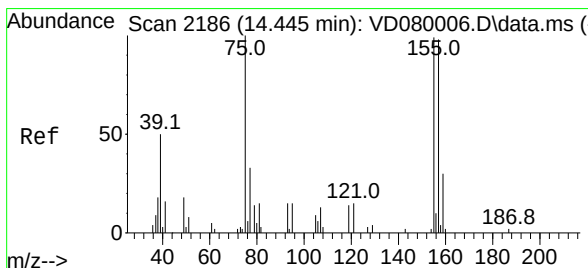
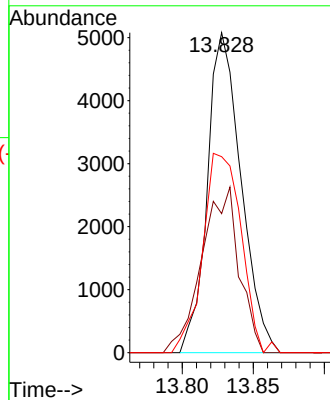
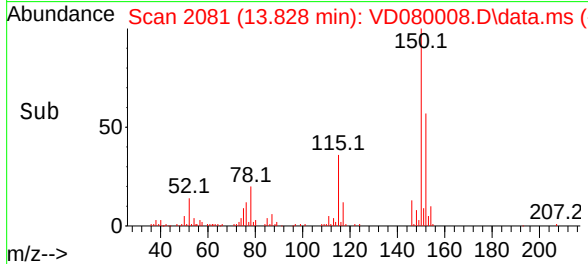


#67
1,2-Dichlorobenzene
Concen: 1.451 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

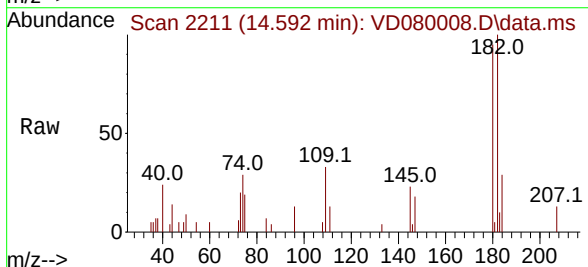
Instrument :
MSVOA_D
ClientSampleId :



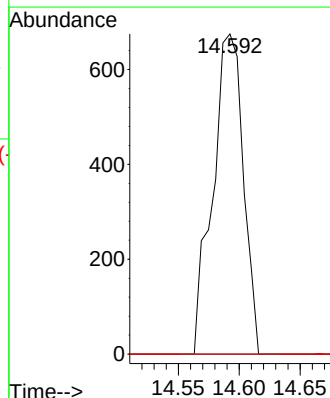
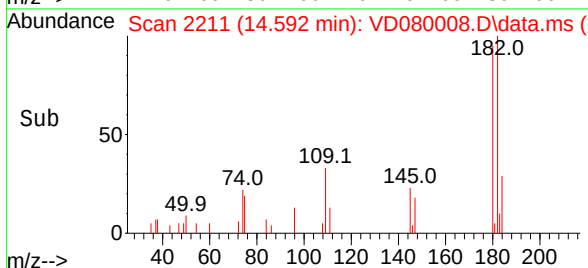
Tgt Ion:146 Resp: 8411
Ion Ratio Lower Upper
146 100
111 43.5 33.0 49.6
148 61.2 51.0 76.4

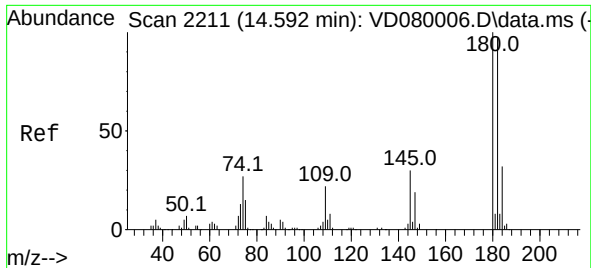


#68
1,2-Dibromo-3-chloropropane
Concen: 2.966 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. 0.147 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37



Tgt Ion: 75 Resp: 1178
Ion Ratio Lower Upper
75 100
155 0.0 68.7 103.1#
157 0.0 79.4 119.2#





#69

1,3,5-Trichlorobenzene

Concen: 1.312 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

Lab File: VD080008.D

Acq: 14 Nov 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180 Resp: 5560

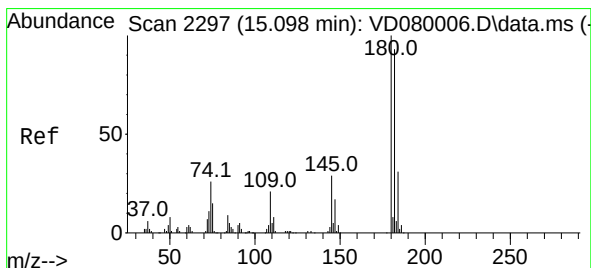
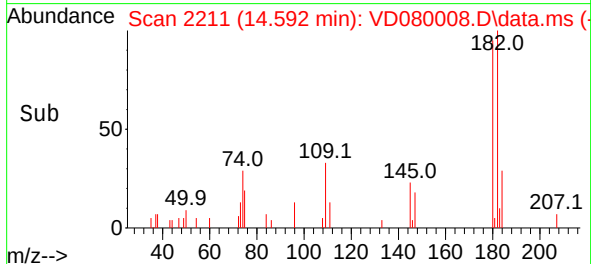
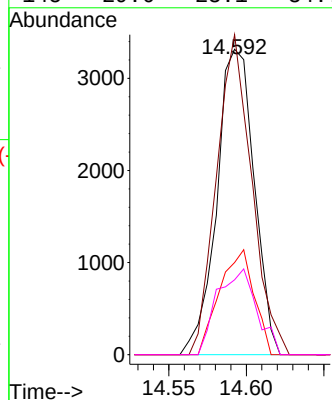
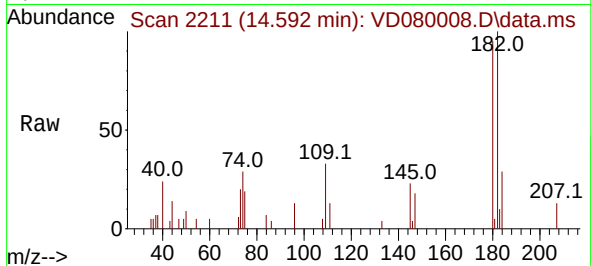
Ion Ratio Lower Upper

180 100

182 98.5 75.8 113.6

184 31.7 24.6 36.8

145 29.6 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 1.347 ug/L

RT: 15.092 min Scan# 2296

Delta R.T. -0.006 min

Lab File: VD080008.D

Acq: 14 Nov 2024 12:37

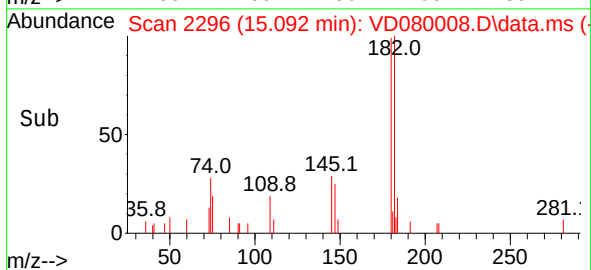
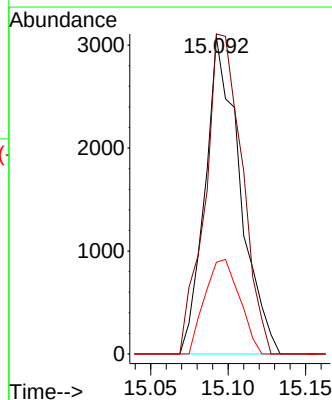
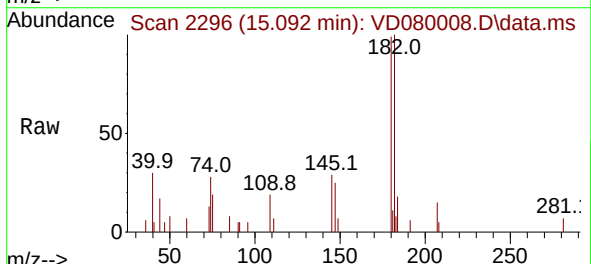
Tgt Ion:180 Resp: 4810

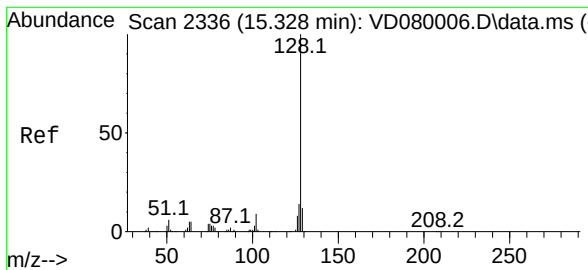
Ion Ratio Lower Upper

180 100

182 107.3 75.9 113.9

145 29.8 23.0 34.4

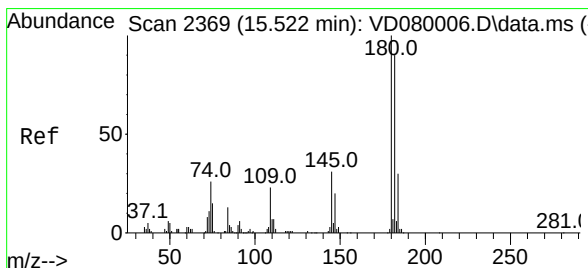
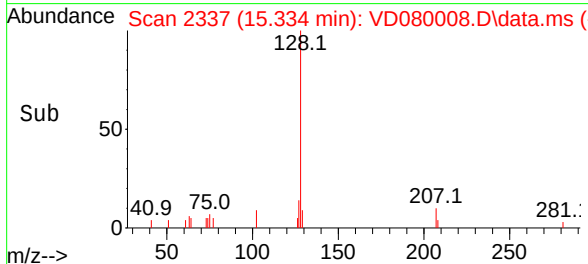
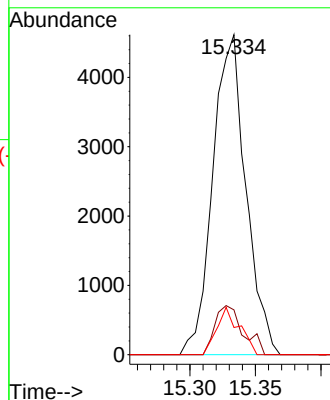
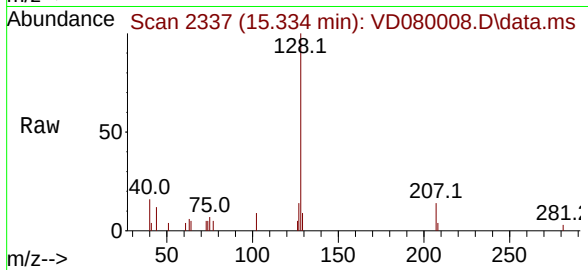




#71
Naphthalene
Concen: 1.327 ug/L
RT: 15.334 min Scan# 24
Delta R.T. 0.006 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 8095
Ion Ratio Lower Upper
128 100
127 11.7 11.0 16.6
129 10.2 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 1.327 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD080008.D
Acq: 14 Nov 2024 12:37

Tgt Ion:180 Resp: 4185
Ion Ratio Lower Upper
180 100
182 97.4 75.8 113.8
145 28.0 24.9 37.3

