

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011025\
 Data File : VD080208.D
 Acq On : 10 Jan 2025 13:36
 Operator : RP/MD
 Sample : MDL04
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 13 00:13:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM010925SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jan 13 00:09:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	200745	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	192532	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	85028	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	131019	22.253	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.000%
7) Chloroethane-d5	2.805	69	110179	23.028	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.120%
11) 1,1-Dichloroethene-d2	3.922	65	29048	20.446	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.800%
21) 2-Butanone-d5	6.987	46	25798	37.878	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.760%
24) Chloroform-d	7.569	84	121219	19.243	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.960%
26) 1,2-Dichloroethane-d4	8.228	65	71170	21.569	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.280%
32) Benzene-d6	8.204	84	246352	19.820	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.280%
36) 1,2-Dichloropropane-d6	9.210	67	85016	20.666	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.680%
41) Toluene-d8	10.269	98	223252	19.708	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.840%
43) trans-1,3-Dichloroprop...	10.522	79	31745	18.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.560%
47) 2-Hexanone-d5	10.881	63	19518	38.070	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.140%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	62876	20.397	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	13.816	152	68824	21.532	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	5716	1.435	ug/L	92
3) Chloromethane	2.152	50	7352	1.354	ug/L	91
5) Vinyl chloride	2.281	62	8411	1.262	ug/L #	61
6) Bromomethane	2.693	94	4661	1.201	ug/L	99
8) Chloroethane	2.834	64	5420	1.326	ug/L	85
9) Trichlorofluoromethane	3.175	101	6900	1.246	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	4658	1.474	ug/L #	59
12) 1,1-Dichloroethene	3.934	96	3082	1.093	ug/L #	1
13) Acetone	4.040	43	1327	2.463	ug/L	91
14) Carbon disulfide	4.275	76	12641	1.203	ug/L	96
15) Methyl Acetate	4.569	43	857	0.636	ug/L	94
17) trans-1,2-Dichloroethene	5.310	96	2863	0.933	ug/L	82
18) Methyl tert-butyl Ether	5.334	73	2520	0.431	ug/L	93
19) 1,1-Dichloroethane	6.122	63	1681	0.284	ug/L	93
20) cis-1,2-Dichloroethene	7.075	96	2805	0.869	ug/L	86
22) 2-Butanone	7.081	43	748	0.974	ug/L	74
23) Bromochloromethane	7.434	128	526	0.337	ug/L #	71
25) Chloroform	7.598	83	22891	3.487	ug/L	95
27) 1,2-Dichloroethane	8.328	62	5190	1.355	ug/L	98

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 Quant Title : SFAM01.0
 QLast Update : Mon Jan 13 00:09:32 2025
 Response via : Initial Calibration

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

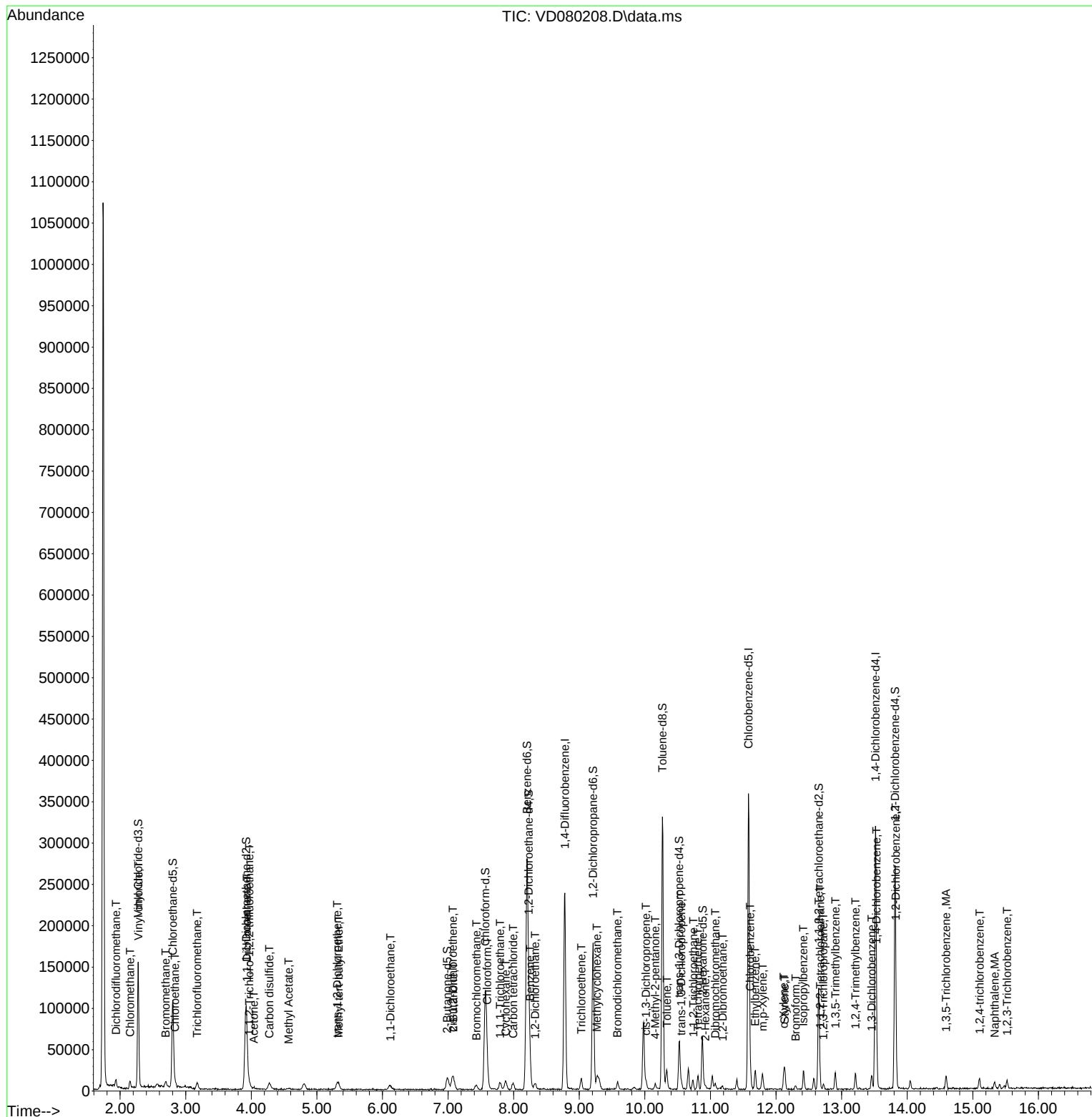
29) Cyclohexane	7.881	56	4143	0.855	ug/L #	83
30) 1,1,1-Trichloroethane	7.793	97	5911	1.159	ug/L #	84
31) Carbon tetrachloride	7.993	117	5263	1.169	ug/L #	69
33) Benzene	8.251	78	15464	1.181	ug/L	100
34) Trichloroethene	9.034	95	4104	1.210	ug/L #	83
35) Methylcyclohexane	9.269	83	4945	0.981	ug/L	90
38) Bromodichloromethane	9.581	83	5654	1.264	ug/L #	99
39) cis-1,3-Dichloropropene	10.016	75	5330	1.057	ug/L #	77
40) 4-Methyl-2-pentanone	10.157	43	4290	2.450	ug/L #	93
42) Toluene	10.340	91	15355	1.123	ug/L	89
44) trans-1,3-Dichloropropene	10.557	75	6814	1.565	ug/L	95
45) 1,1,2-Trichloroethane	10.740	97	2998	1.151	ug/L #	84
46) Tetrachloroethene	10.810	164	3071	1.124	ug/L	83
48) 2-Hexanone	10.922	43	2702	2.263	ug/L #	86
49) Dibromochloromethane	11.075	129	3682	1.270	ug/L	100
50) 1,2-Dibromoethane	11.187	107	2593	1.096	ug/L #	95
51) Chlorobenzene	11.604	112	10508	1.198	ug/L #	81
52) Ethylbenzene	11.681	91	14523	0.989	ug/L	97
53) m,p-Xylene	11.798	106	5052	0.921	ug/L	68
54) o-Xylene	12.116	106	4969	0.968	ug/L	89
55) Styrene	12.134	104	7482	0.805	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.675	83	4016	1.360	ug/L #	92
59) Bromoform	12.298	173	1843	1.208	ug/L #	87
60) Isopropylbenzene	12.416	105	12706	1.071	ug/L #	94
61) 1,2,3-Trichloropropane	12.722	75	2240	1.246	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	9337	0.988	ug/L	96
63) 1,2,4-Trimethylbenzene	13.210	105	9285	1.007	ug/L	95
64) 1,3-Dichlorobenzene	13.457	146	6850	1.181	ug/L	94
65) 1,4-Dichlorobenzene	13.533	146	7031	1.174	ug/L	85
67) 1,2-Dichlorobenzene	13.828	146	6676	1.285	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.592	180	4882	1.238	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	3882	1.206	ug/L	99
71) Naphthalene	15.333	128	6285	1.110	ug/L #	89
72) 1,2,3-Trichlorobenzene	15.522	180	2882	0.964	ug/L #	83

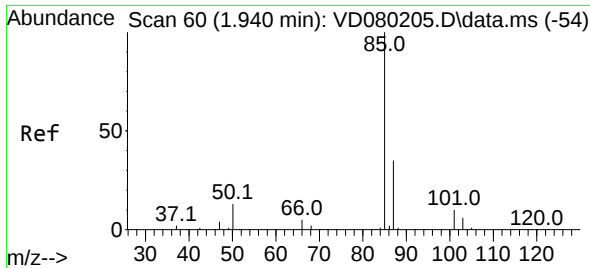
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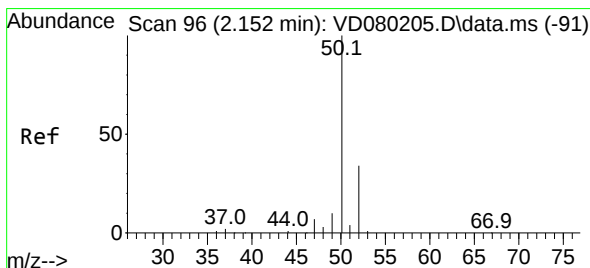
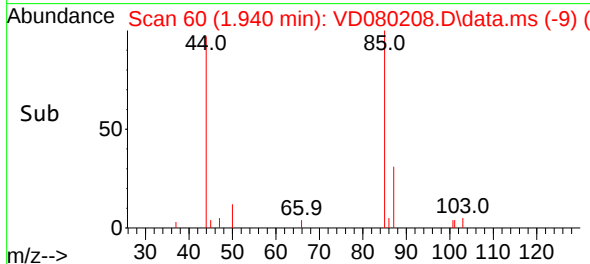
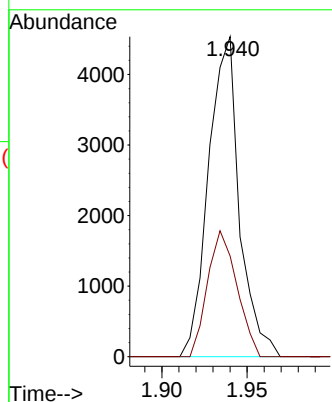
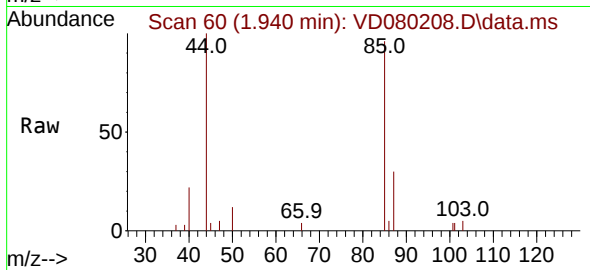




#2
Dichlorodifluoromethane
Concen: 1.435 ug/L
RT: 1.940 min Scan# 60
Delta R.T. -0.000 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

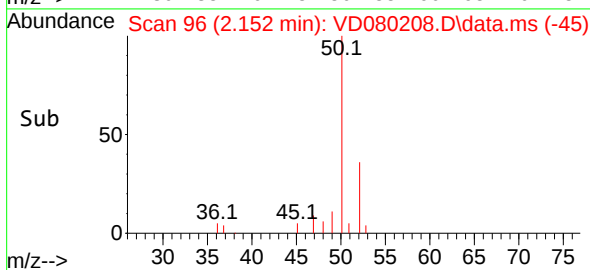
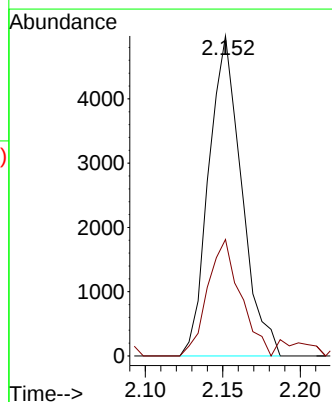
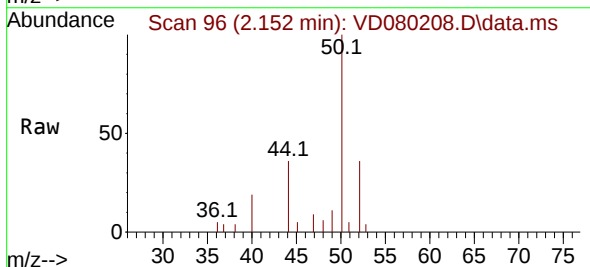
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ClientSampleId :

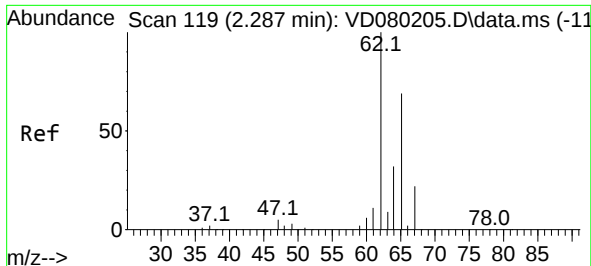
Tgt Ion: 85 Resp: 5716
Ion Ratio Lower Upper
85 100
87 37.4 26.4 39.6



#3
Chloromethane
Concen: 1.354 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

Tgt Ion: 50 Resp: 7352
Ion Ratio Lower Upper
50 100
52 36.4 22.0 40.8

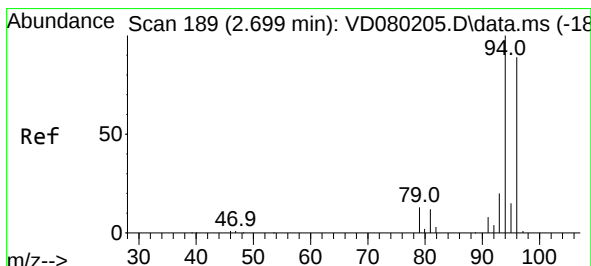
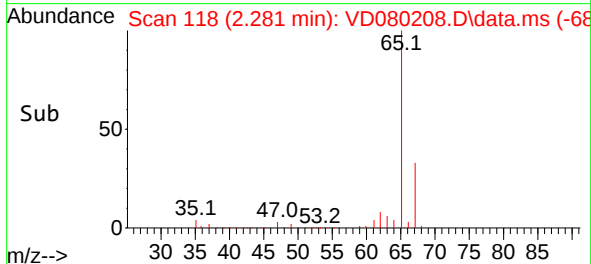
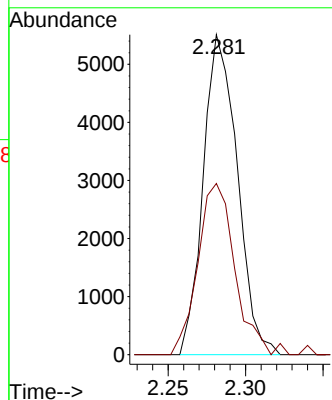
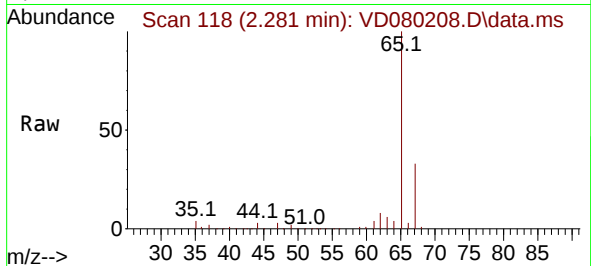




#5
 Vinyl chloride
 Concen: 1.262 ug/L
 RT: 2.281 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD080208.D
 Acq: 10 Jan 2025 13:36

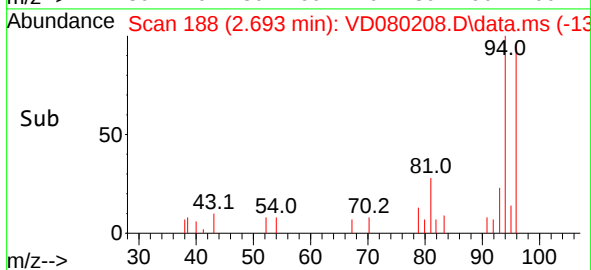
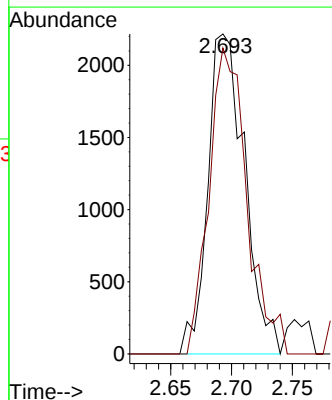
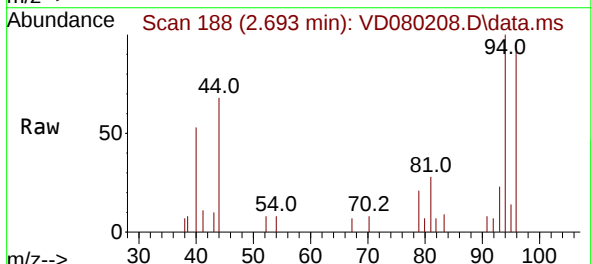
Instrument :
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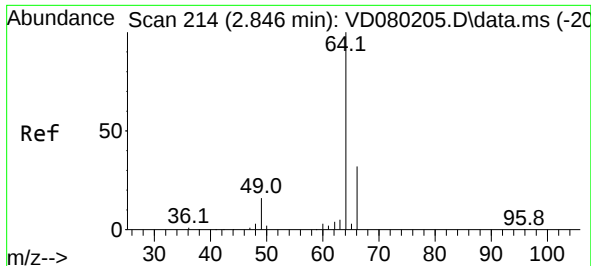
Tgt Ion: 62 Resp: 8411
 Ion Ratio Lower Upper
 62 100
 64 53.5 22.3 41.5#



#6
 Bromomethane
 Concen: 1.201 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD080208.D
 Acq: 10 Jan 2025 13:36

Tgt Ion: 94 Resp: 4661
 Ion Ratio Lower Upper
 94 100
 96 95.6 67.7 125.7

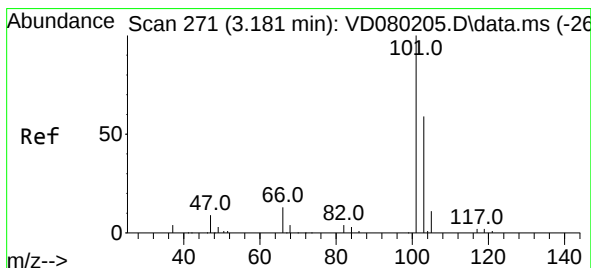
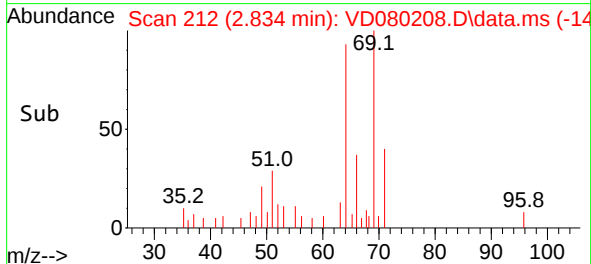
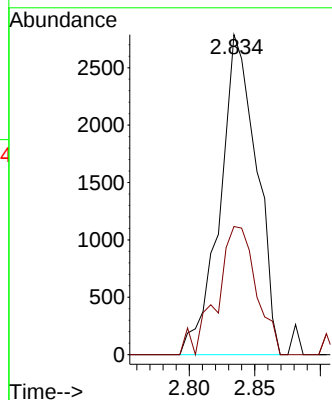
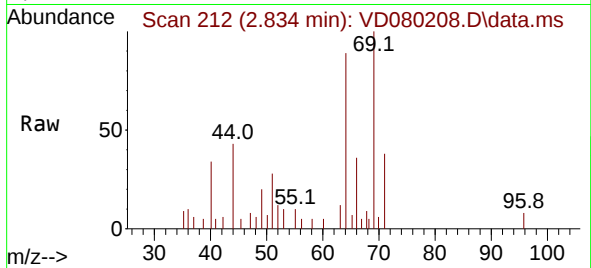




#8
Chloroethane
Concen: 1.326 ug/L
RT: 2.834 min Scan# 214
Delta R.T. -0.012 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

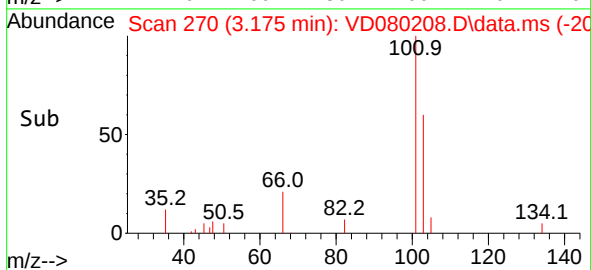
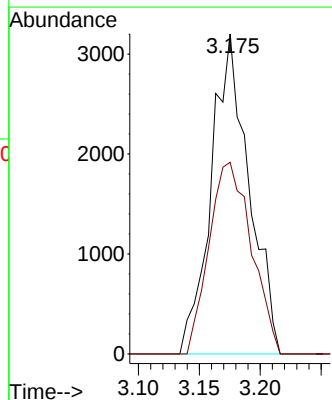
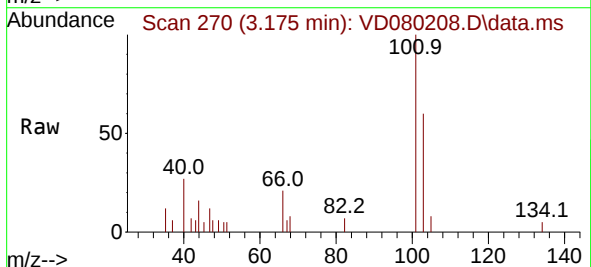
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ClientSampleId :

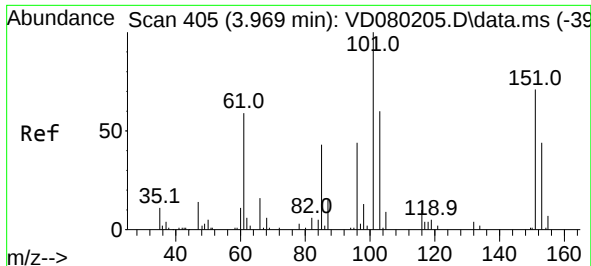
Tgt Ion: 64 Resp: 5420
Ion Ratio Lower Upper
64 100
66 40.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 1.246 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

Tgt Ion:101 Resp: 6900
Ion Ratio Lower Upper
101 100
103 67.2 52.2 78.2

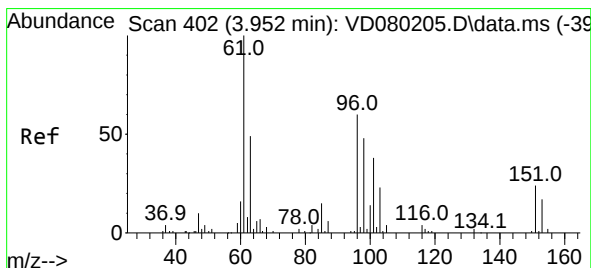
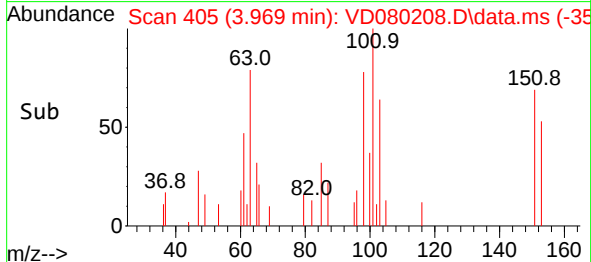
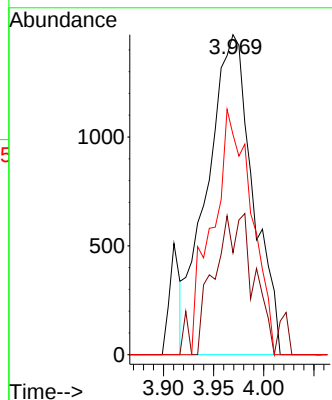
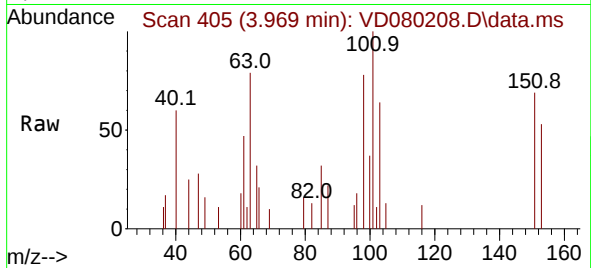




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.474 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VD080208.D
 Acq: 10 Jan 2025 13:36

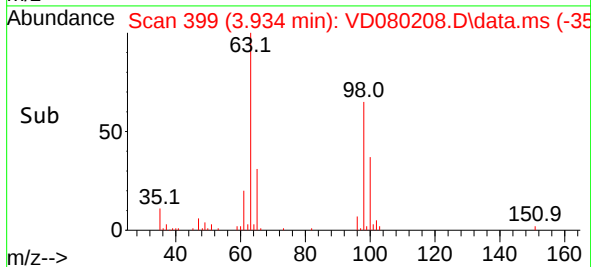
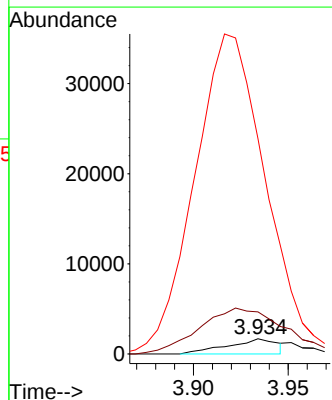
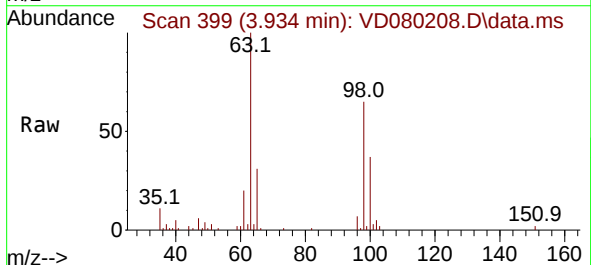
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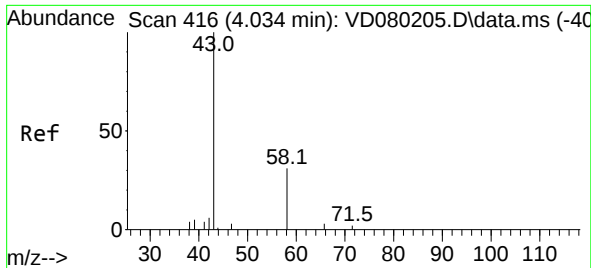
Tgt Ion:101 Resp: 4658
 Ion Ratio Lower Upper
 101 100
 85 11.9 35.6 53.4#
 151 44.5 60.0 90.0#



#12
 1,1-Dichloroethene
 Concen: 1.093 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.018 min
 Lab File: VD080208.D
 Acq: 10 Jan 2025 13:36

Tgt Ion: 96 Resp: 3082
 Ion Ratio Lower Upper
 96 100
 61 276.5 123.1 228.7#
 63 1413.1 89.6 166.4#





#13

Acetone

Concen: 2.463 ug/L

RT: 4.040 min Scan# 416

Delta R.T. 0.006 min

Lab File: VD080208.D

Acq: 10 Jan 2025 13:36

Instrument :

MSVOA_D

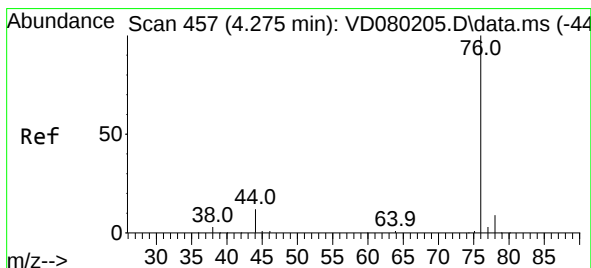
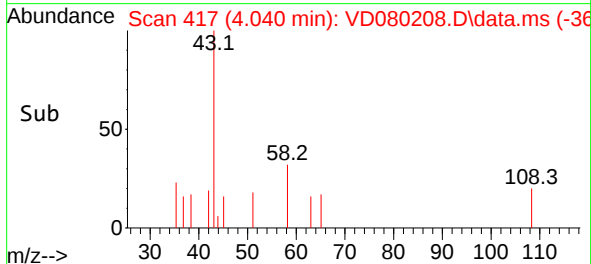
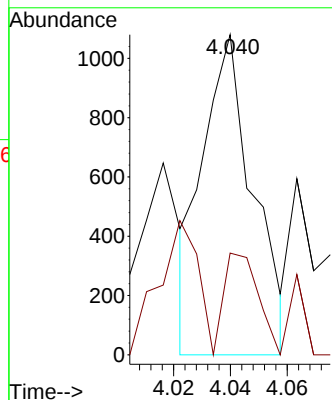
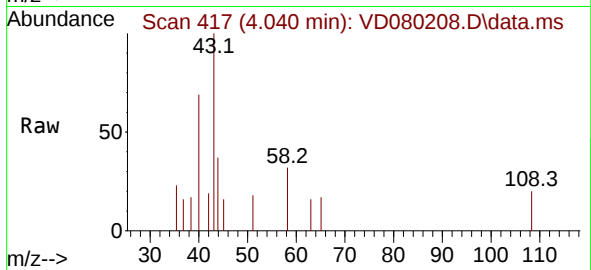
ClientSampleId :

Tgt Ion: 43 Resp: 1327

Ion Ratio Lower Upper

43 100

58 21.9 0.0 52.8



#14

Carbon disulfide

Concen: 1.203 ug/L

RT: 4.275 min Scan# 457

Delta R.T. -0.000 min

Lab File: VD080208.D

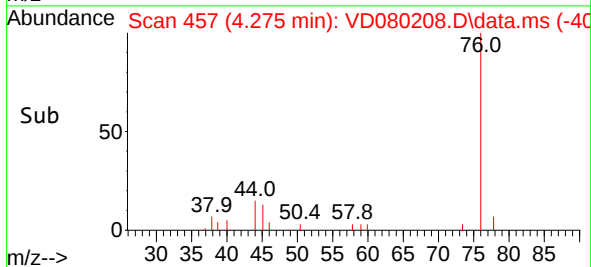
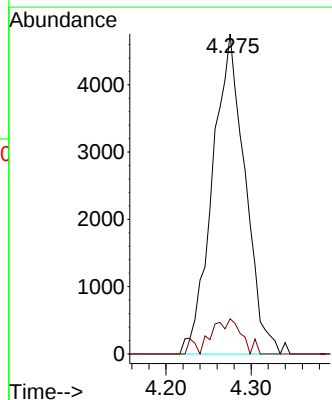
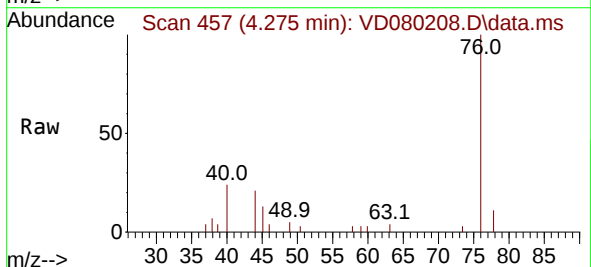
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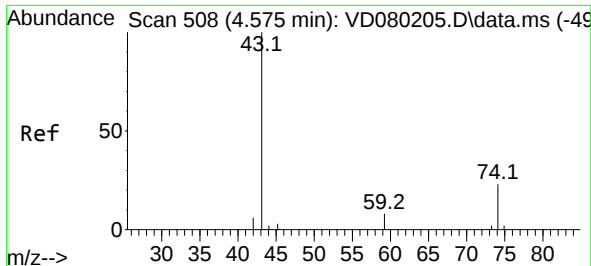
Tgt Ion: 76 Resp: 12641

Ion Ratio Lower Upper

76 100

78 11.0 7.5 11.3

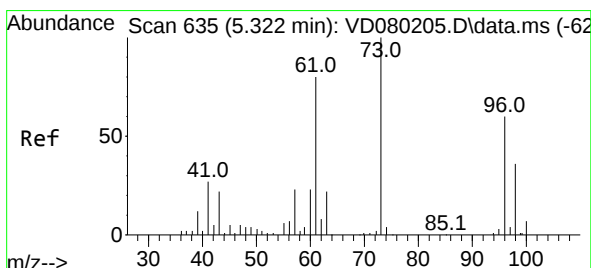
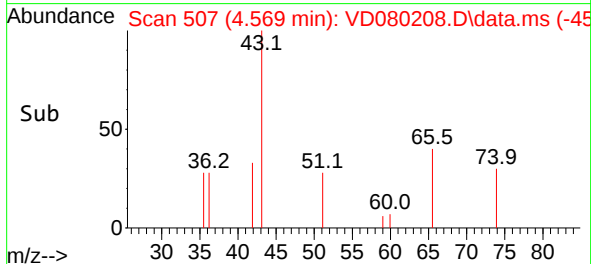
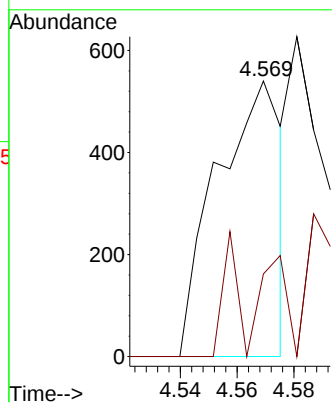
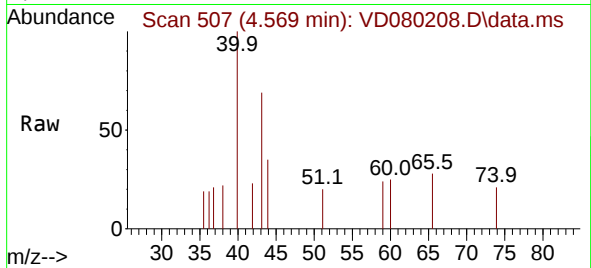




#15
Methyl Acetate
Concen: 0.636 ug/L
RT: 4.569 min Scan# 508
Delta R.T. -0.006 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

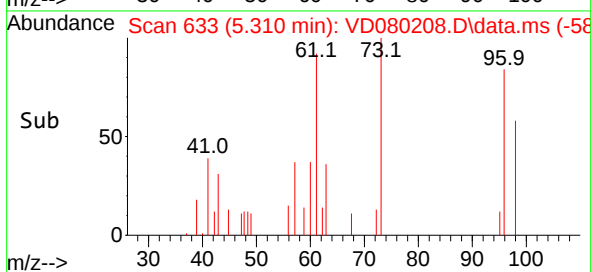
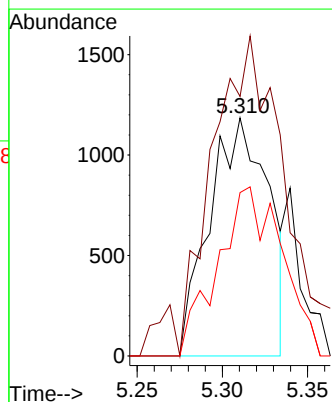
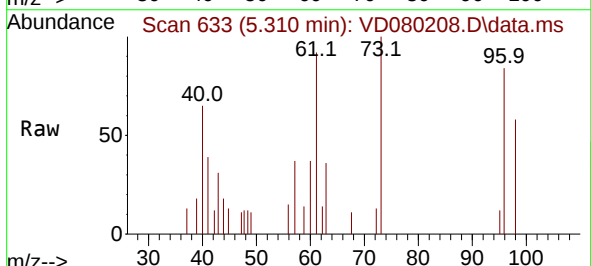
Instrument :
MSVOA_D
ClientSampleId :

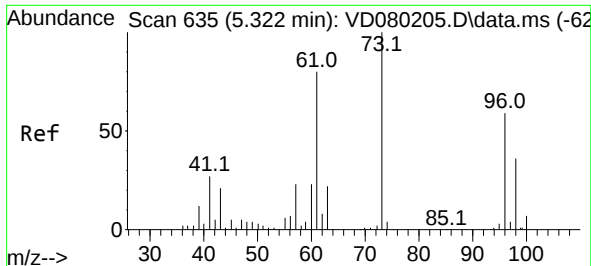
Tgt Ion: 43 Resp: 857
Ion Ratio Lower Upper
43 100
74 14.8 10.1 15.1



#17
trans-1,2-Dichloroethene
Concen: 0.933 ug/L
RT: 5.310 min Scan# 633
Delta R.T. -0.012 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

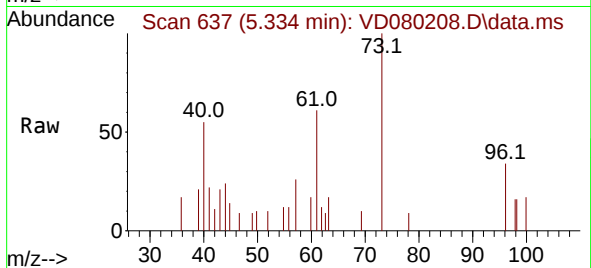
Tgt Ion: 96 Resp: 2863
Ion Ratio Lower Upper
96 100
61 109.0 93.7 173.9
98 68.6 42.1 78.1





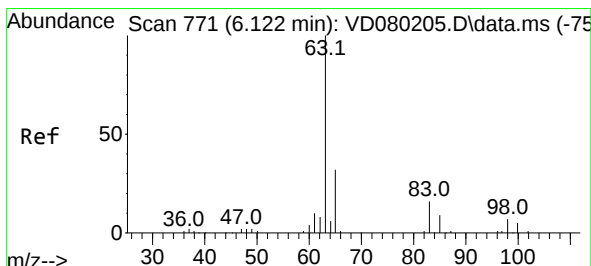
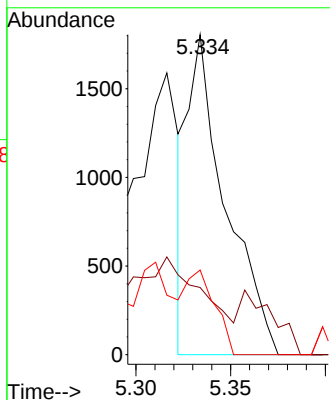
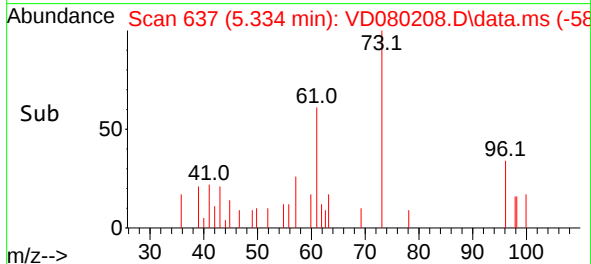
#18
Methyl tert-butyl Ether
Concen: 0.431 ug/L
RT: 5.334 min Scan# 618
Delta R.T. 0.012 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

Instrument :
MSVOA_D
ClientSampleId :

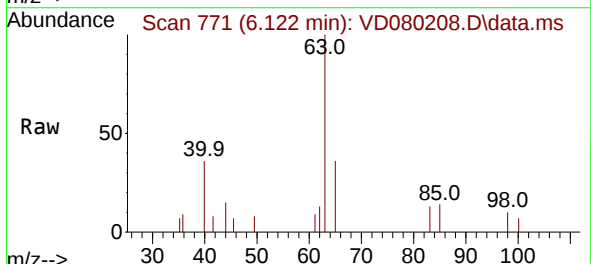


Tgt Ion: 73 Resp: 2520

Ion	Ratio	Lower	Upper
73	100		
43	17.4	16.6	24.8
57	20.1	18.9	28.3

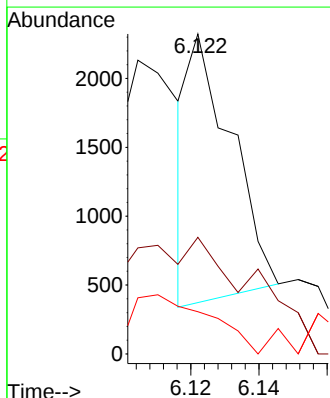
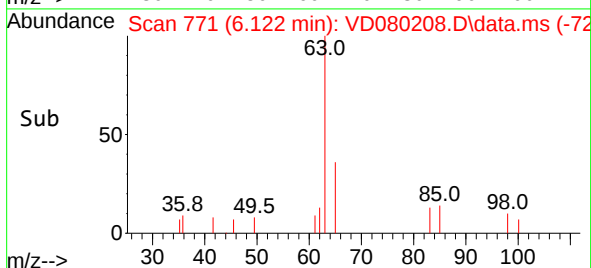


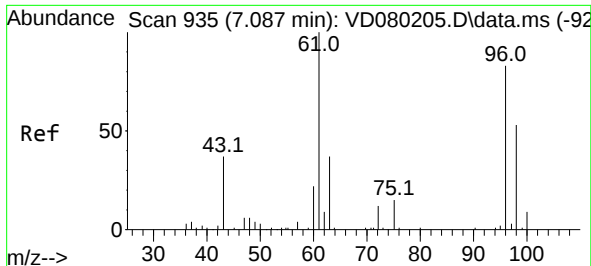
#19
1,1-Dichloroethane
Concen: 0.284 ug/L
RT: 6.122 min Scan# 771
Delta R.T. -0.000 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36



Tgt Ion: 63 Resp: 1681

Ion	Ratio	Lower	Upper
63	100		
65	36.4	21.7	40.3
83	13.2	8.8	16.4



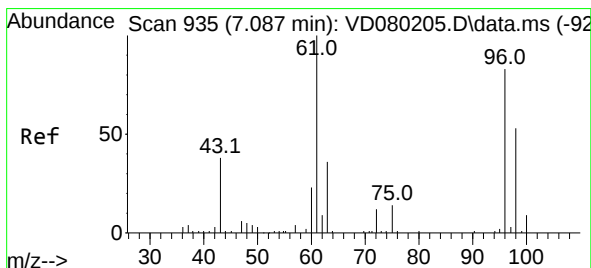
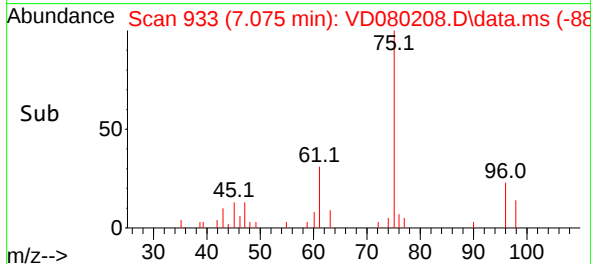
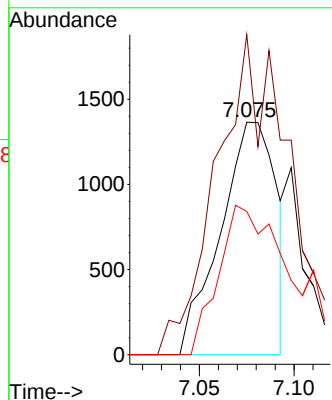
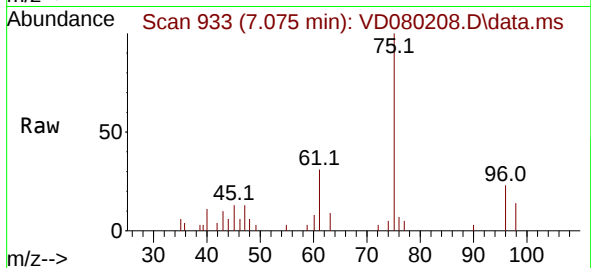


#20
 cis-1,2-Dichloroethene
 Concen: 0.869 ug/L
 RT: 7.075 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: VD080208.D
 Acq: 10 Jan 2025 13:36

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 2805

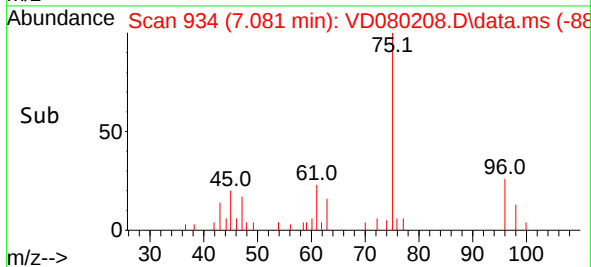
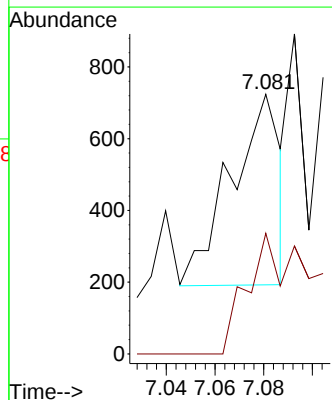
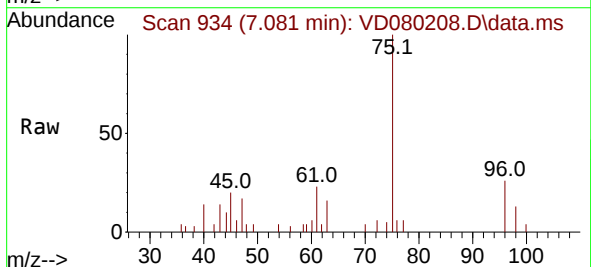
Ion	Ratio	Lower	Upper
96	100		
61	137.7	80.8	150.0
98	61.7	42.6	79.0

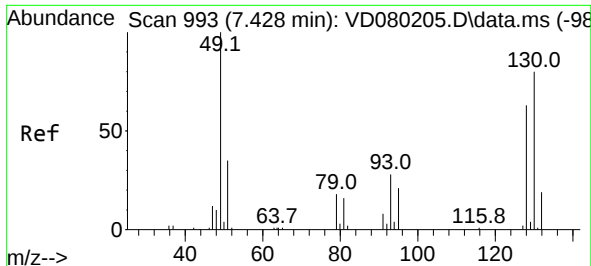


#22
 2-Butanone
 Concen: 0.974 ug/L
 RT: 7.081 min Scan# 934
 Delta R.T. -0.006 min
 Lab File: VD080208.D
 Acq: 10 Jan 2025 13:36

Tgt Ion: 43 Resp: 748

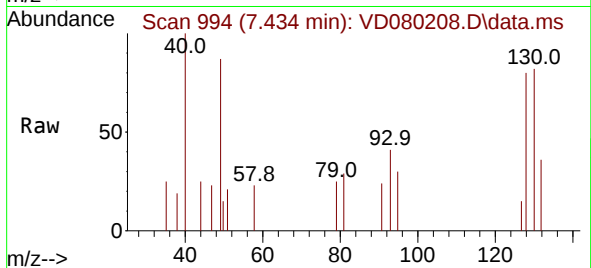
Ion	Ratio	Lower	Upper
43	100		
72	41.6	14.0	42.0



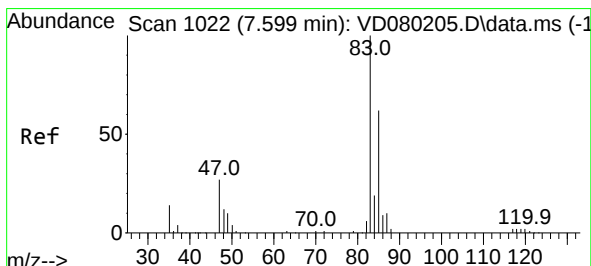
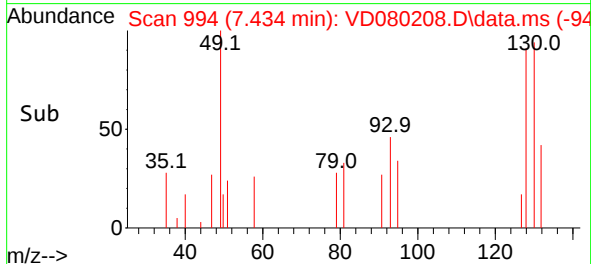
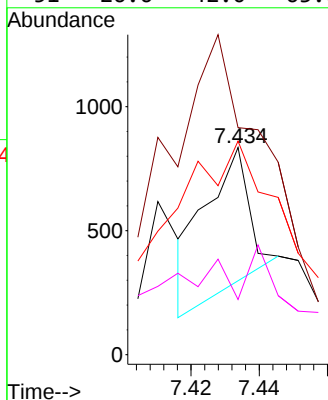


#23
Bromochloromethane
Concen: 0.337 ug/L
RT: 7.434 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

Instrument :
MSVOA_D
ClientSampleId :

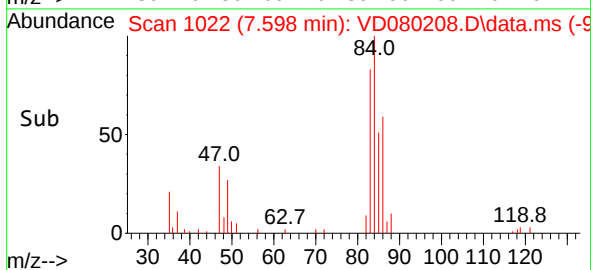
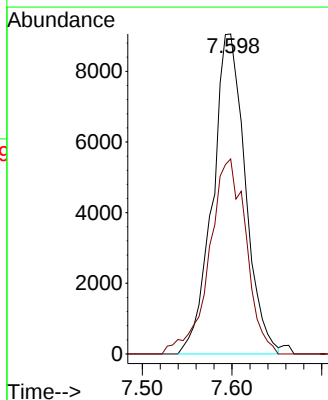
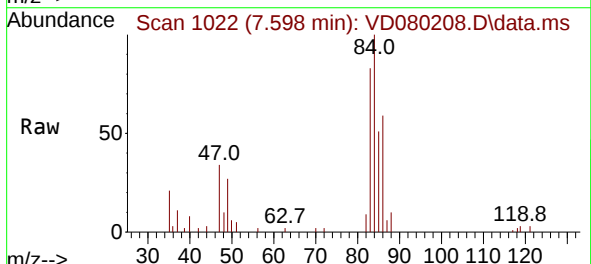


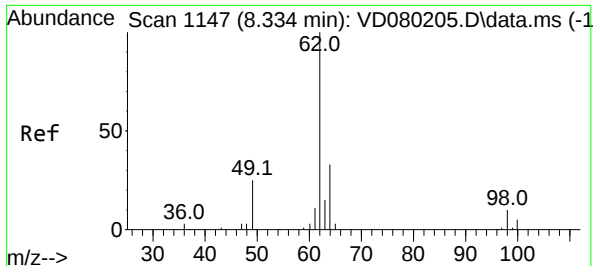
Tgt Ion:128 Resp: 526
Ion Ratio Lower Upper
128 100
49 109.6 110.7 205.7#
130 103.1 83.1 154.3
51 26.6 42.0 63.0#



#25
Chloroform
Concen: 3.487 ug/L
RT: 7.598 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

Tgt Ion: 83 Resp: 22891
Ion Ratio Lower Upper
83 100
85 61.0 45.1 83.9





#27

1,2-Dichloroethane

Concen: 1.355 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.006 min

Lab File: VD080208.D

Acq: 10 Jan 2025 13:36

Instrument :

MSVOA_D

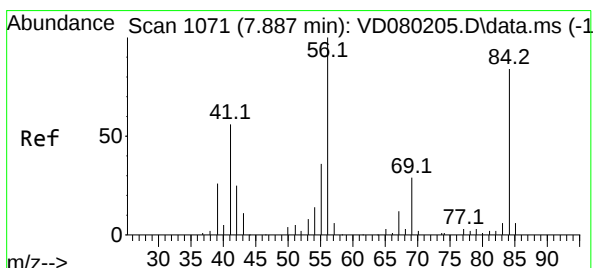
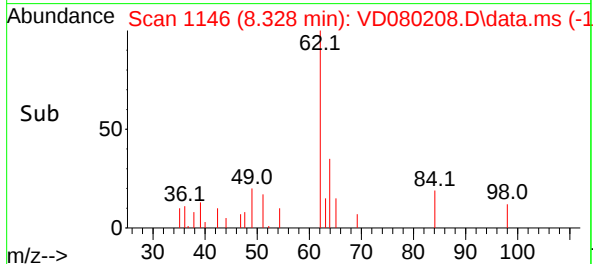
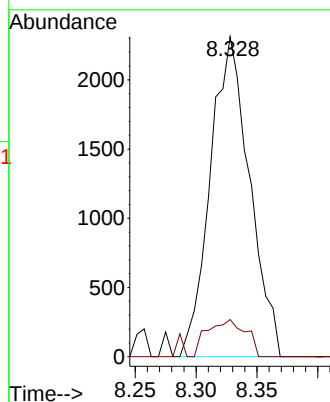
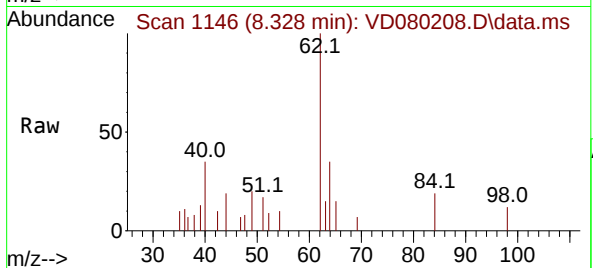
ClientSampleId :

Tgt Ion: 62 Resp: 5190

Ion Ratio Lower Upper

62 100

98 11.6 8.6 13.0



#29

Cyclohexane

Concen: 0.855 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.006 min

Lab File: VD080208.D

Acq: 10 Jan 2025 13:36

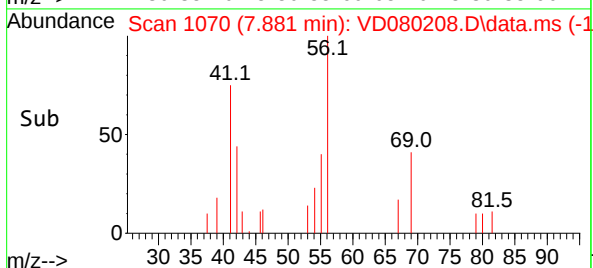
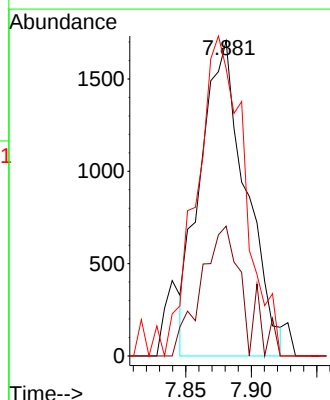
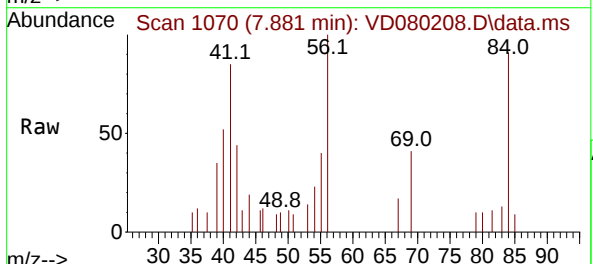
Tgt Ion: 56 Resp: 4143

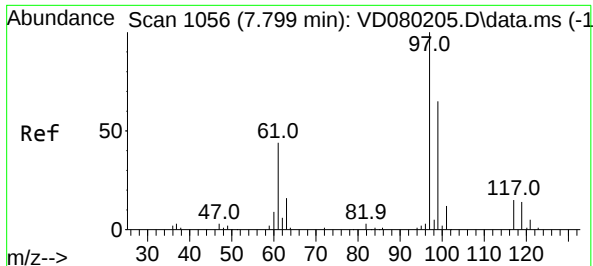
Ion Ratio Lower Upper

56 100

69 28.3 24.2 36.4

84 105.5 68.8 103.2#





#30

1,1,1-Trichloroethane

Concen: 1.159 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD080208.D

Acq: 10 Jan 2025 13:36

Instrument :

MSVOA_D

ClientSampleId :

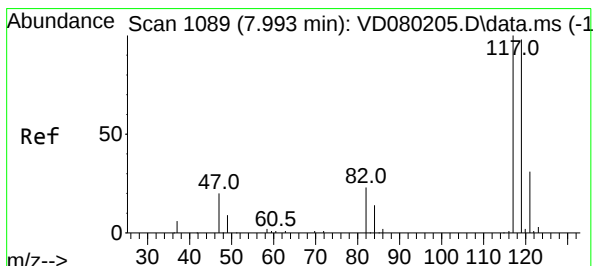
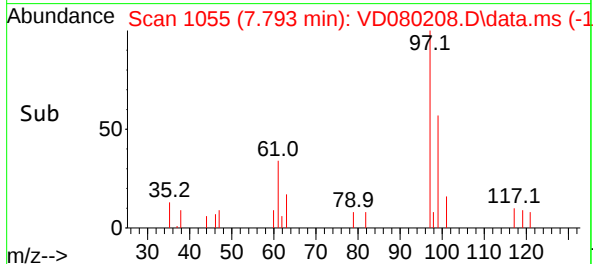
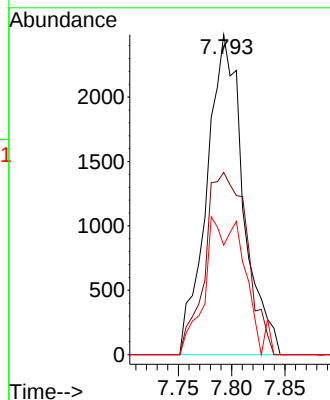
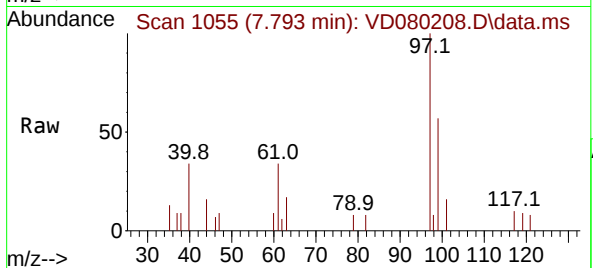
Tgt Ion: 97 Resp: 5911

Ion Ratio Lower Upper

97 100

99 65.8 51.7 77.5

61 21.1 35.8 53.6#



#31

Carbon tetrachloride

Concen: 1.169 ug/L

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD080208.D

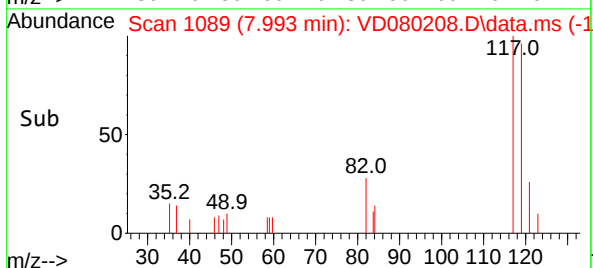
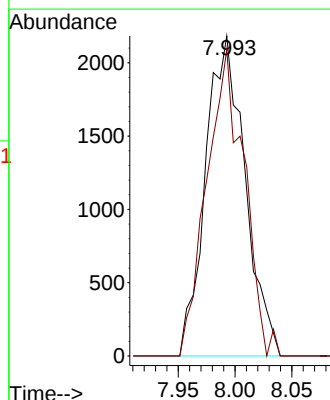
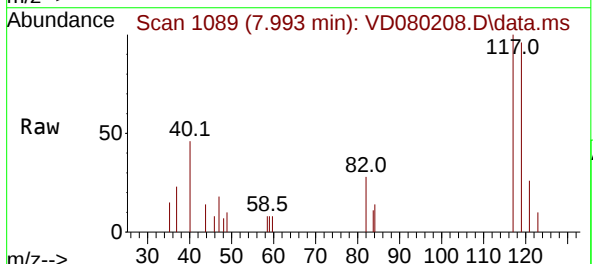
Acq: 10 Jan 2025 13:36

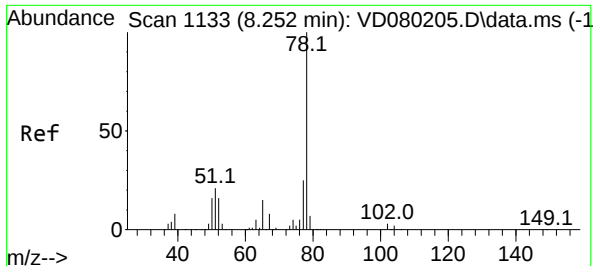
Tgt Ion: 117 Resp: 5263

Ion Ratio Lower Upper

117 100

119 64.4 75.8 113.8#

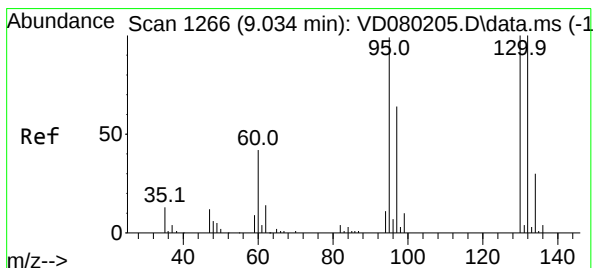
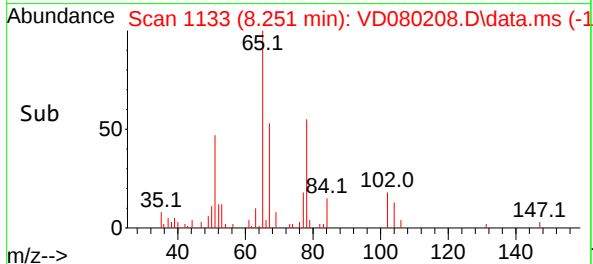
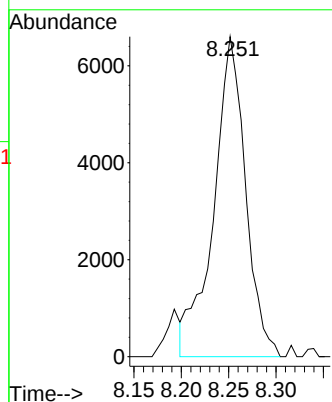
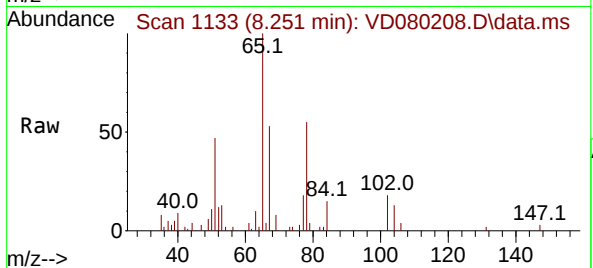




#33
Benzene
Concen: 1.181 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

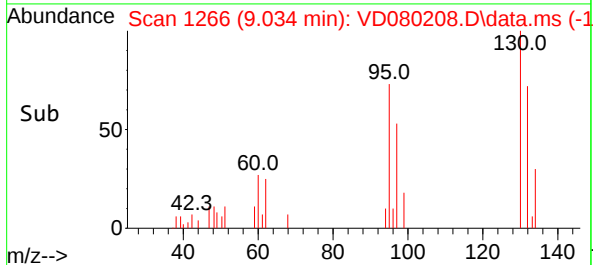
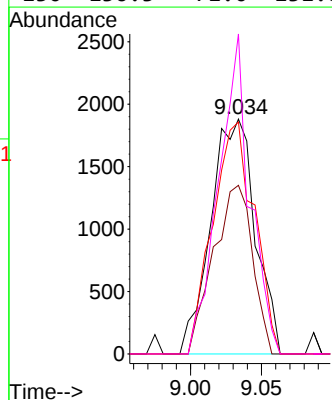
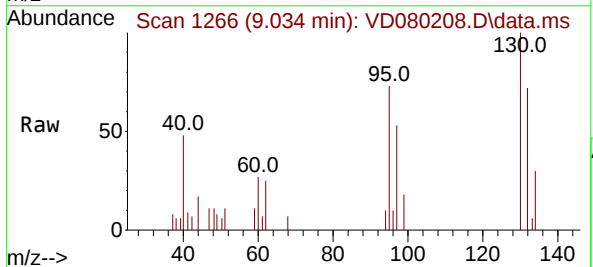
Instrument :
MSVOA_D
ClientSampleId :

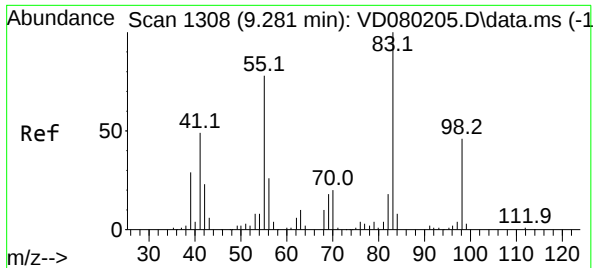
Tgt Ion: 78 Resp: 15464



#34
Trichloroethene
Concen: 1.210 ug/L
RT: 9.034 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

Tgt Ion: 95 Resp: 4104
Ion Ratio Lower Upper
95 100
97 71.8 45.6 84.6
132 98.8 67.2 124.8
130 136.3 71.0 131.8#

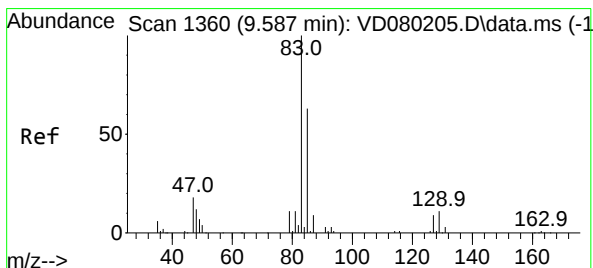
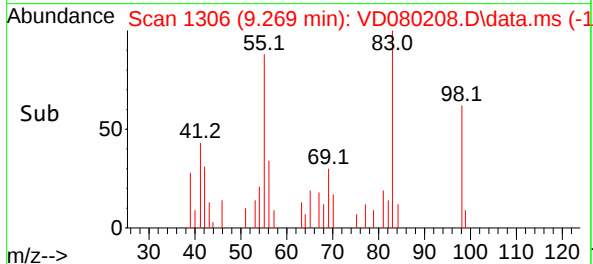
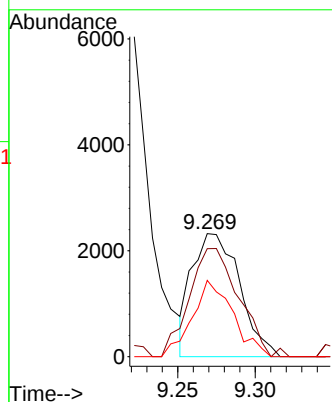
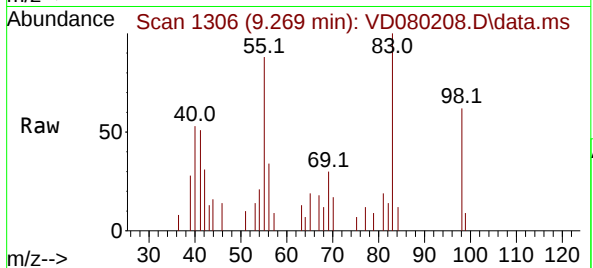




#35
Methylcyclohexane
Concen: 0.981 ug/L
RT: 9.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

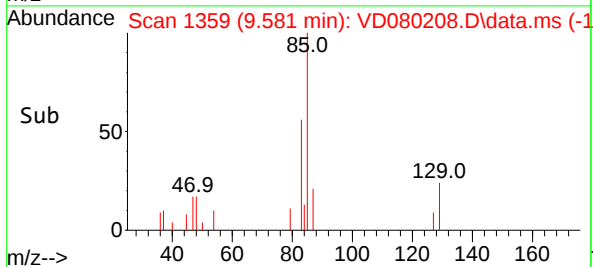
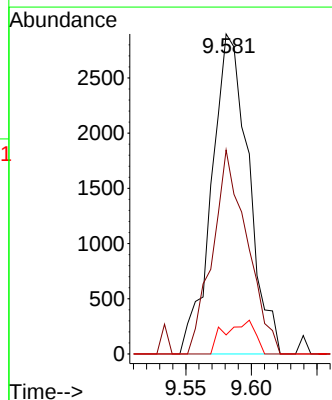
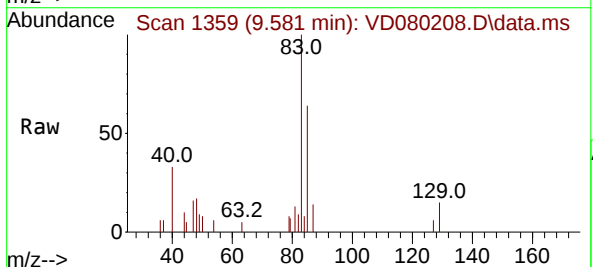
Instrument :
MSVOA_D
ClientSampleId :

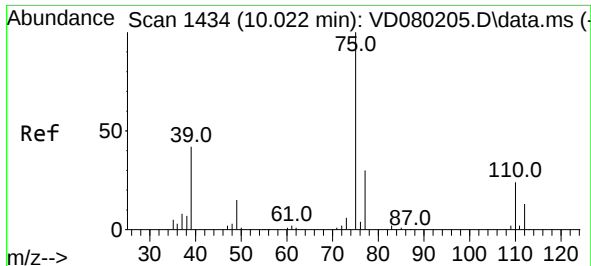
Tgt Ion: 83 Resp: 4945
Ion Ratio Lower Upper
83 100
55 90.8 65.6 98.4
98 53.2 37.7 56.5



#38
Bromodichloromethane
Concen: 1.264 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

Tgt Ion: 83 Resp: 5654
Ion Ratio Lower Upper
83 100
85 63.8 44.6 82.8
127 6.0 6.7 10.1#

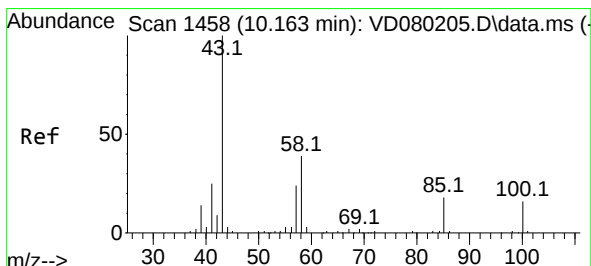
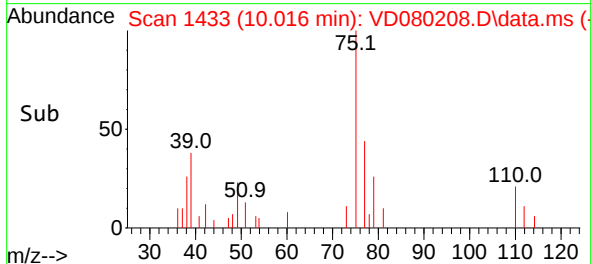
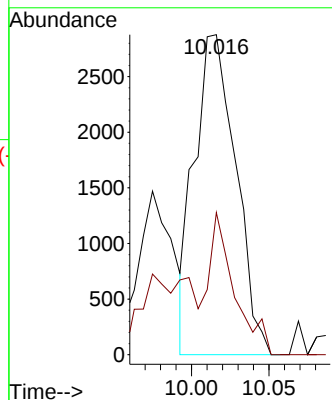
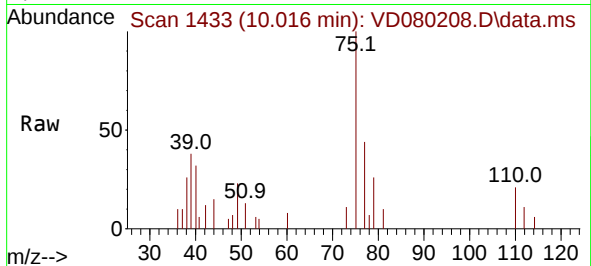




#39
 cis-1,3-Dichloropropene
 Concen: 1.057 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.006 min
 Lab File: VD080208.D
 Acq: 10 Jan 2025 13:36

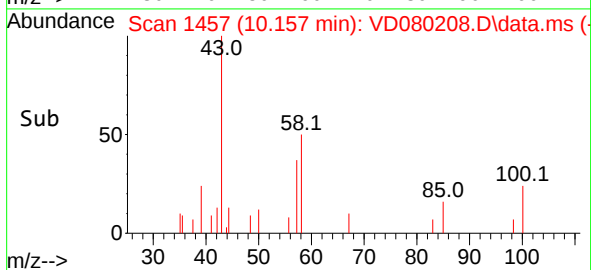
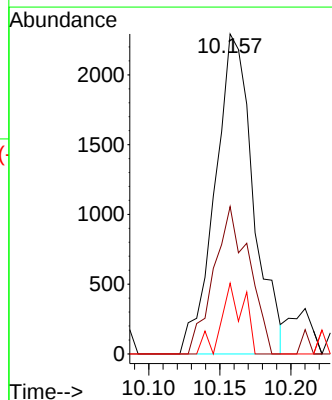
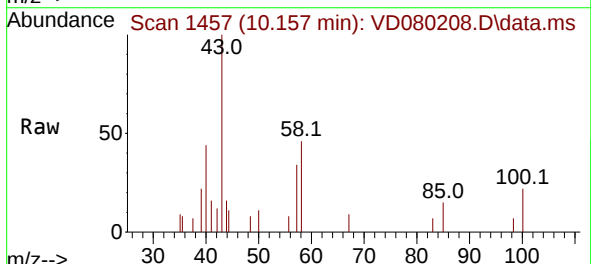
Instrument :
 MSVOA_D
 ClientSampleId :

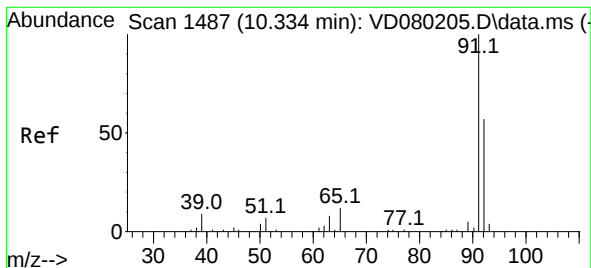
Tgt Ion: 75 Resp: 5330
 Ion Ratio Lower Upper
 75 100
 77 44.4 22.0 40.8#



#40
 4-Methyl-2-pentanone
 Concen: 2.450 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.006 min
 Lab File: VD080208.D
 Acq: 10 Jan 2025 13:36

Tgt Ion: 43 Resp: 4290
 Ion Ratio Lower Upper
 43 100
 58 42.6 31.0 46.6
 100 11.8 12.1 18.1#





#42

Toluene

Concen: 1.123 ug/L

RT: 10.340 min Scan# 1488

Delta R.T. 0.006 min

Lab File: VD080208.D

Acq: 10 Jan 2025 13:36

Instrument :

MSVOA_D

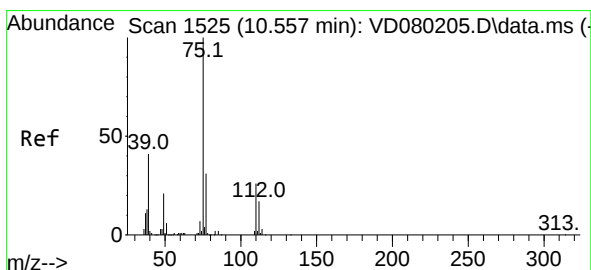
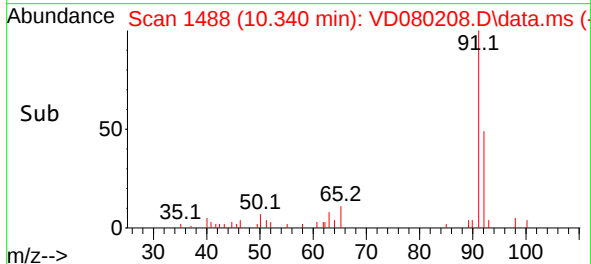
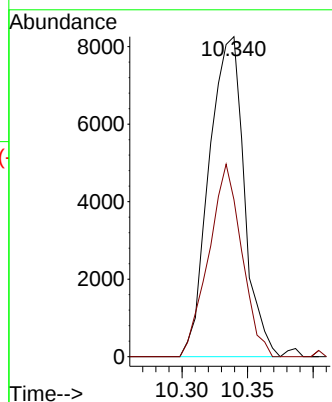
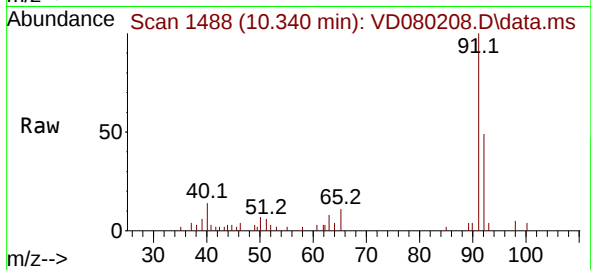
ClientSampleId :

Tgt Ion: 91 Resp: 15355

Ion Ratio Lower Upper

91 100

92 49.1 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 1.565 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VD080208.D

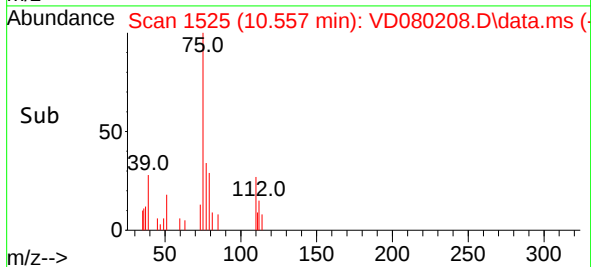
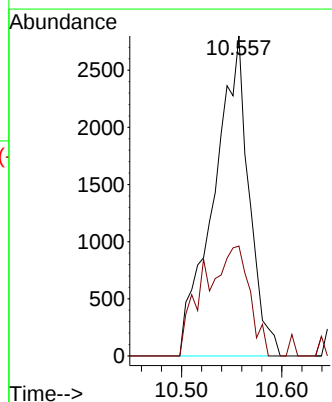
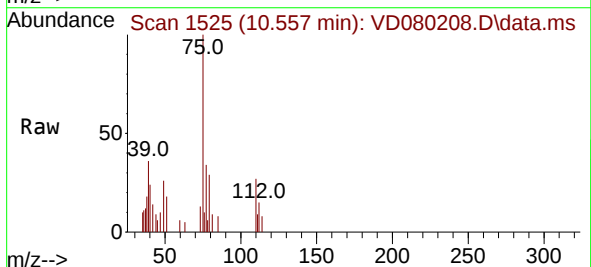
Acq: 10 Jan 2025 13:36

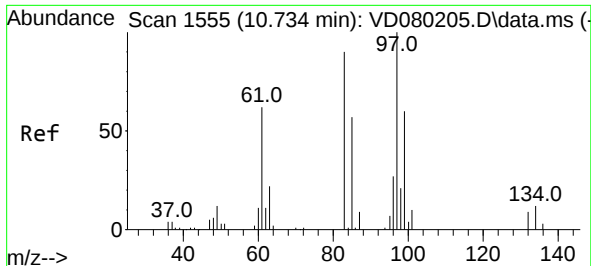
Tgt Ion: 75 Resp: 6814

Ion Ratio Lower Upper

75 100

77 34.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 1.151 ug/L

RT: 10.740 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD080208.D

Acq: 10 Jan 2025 13:36

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 2998

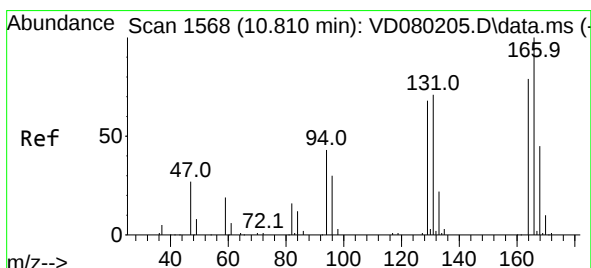
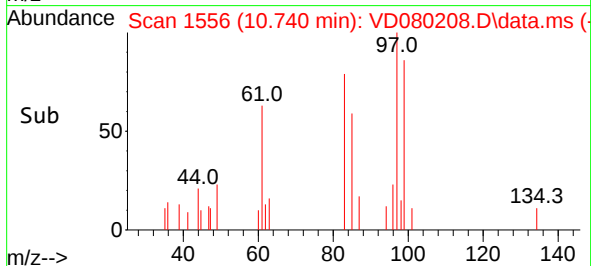
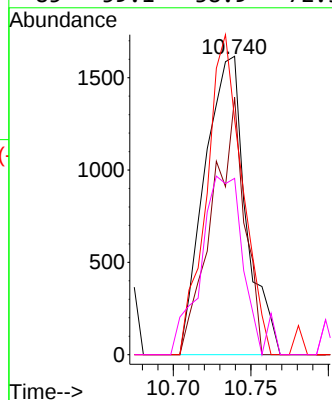
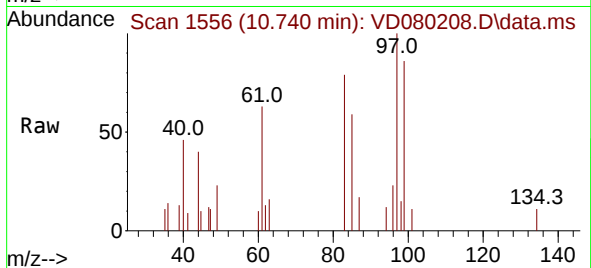
Ion Ratio Lower Upper

97 100

99 86.2 44.0 81.8#

83 78.9 64.4 119.6

85 59.1 38.9 72.3



#46

Tetrachloroethene

Concen: 1.124 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD080208.D

Acq: 10 Jan 2025 13:36

Tgt Ion:164 Resp: 3071

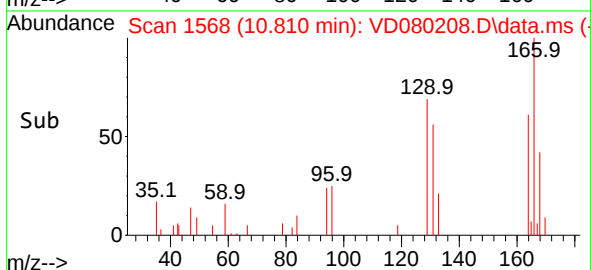
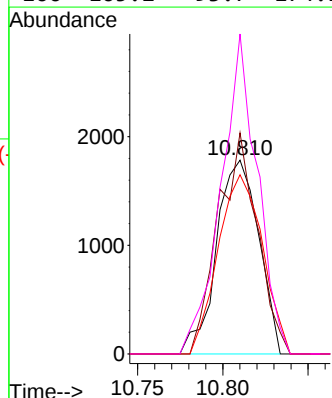
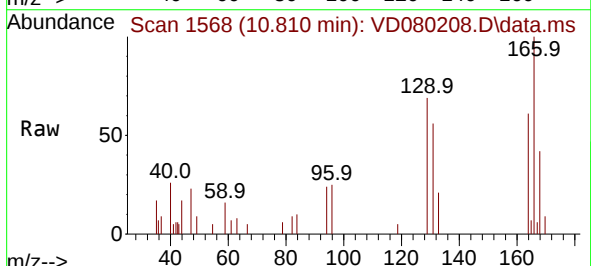
Ion Ratio Lower Upper

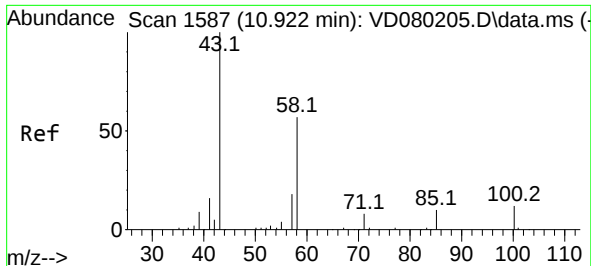
164 100

129 114.1 67.8 125.8

131 92.5 67.6 125.6

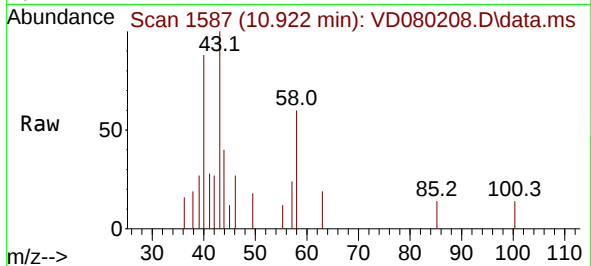
166 165.2 93.7 174.1



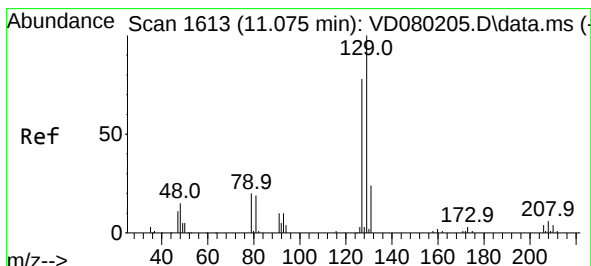
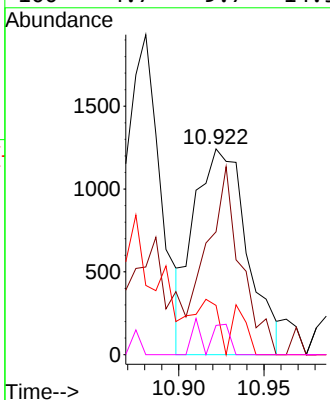
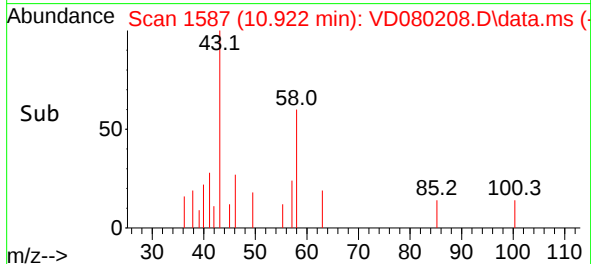


#48
2-Hexanone
Concen: 2.263 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

Instrument :
MSVOA_D
ClientSampleId :

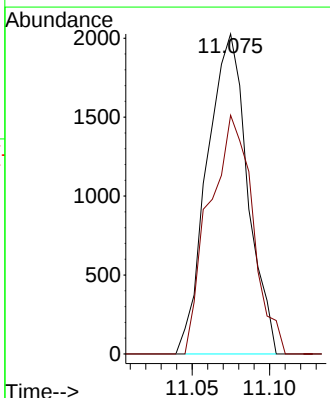
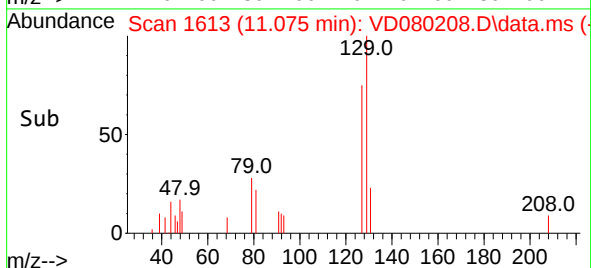
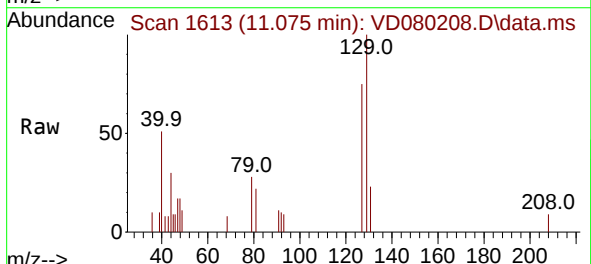


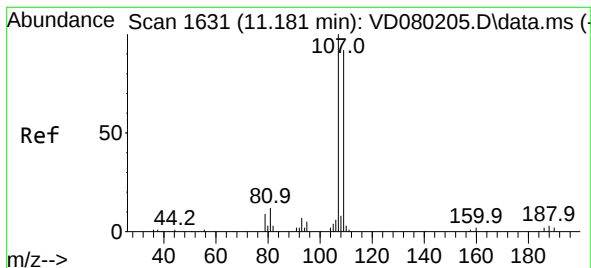
Tgt Ion: 43 Resp: 2702
Ion Ratio Lower Upper
43 100
58 58.1 42.5 63.7
57 6.5 15.5 23.3#
100 4.7 9.7 14.5#



#49
Dibromochloromethane
Concen: 1.270 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

Tgt Ion: 129 Resp: 3682
Ion Ratio Lower Upper
129 100
127 74.6 52.3 97.1





#50

1,2-Dibromoethane

Concen: 1.096 ug/L

RT: 11.187 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD080208.D

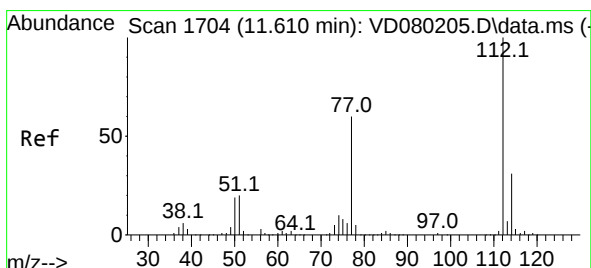
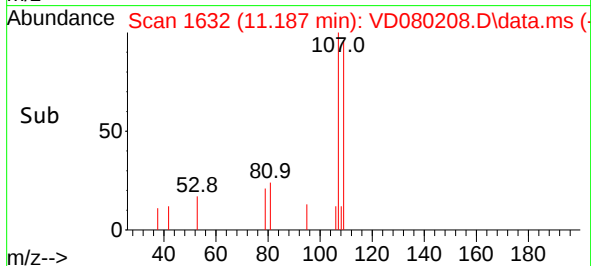
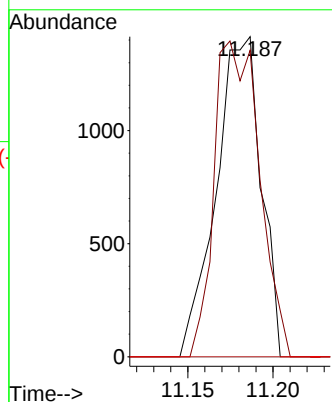
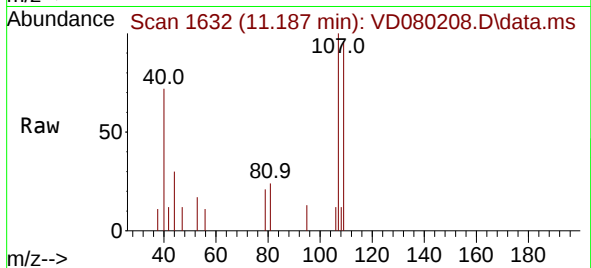
Acq: 10 Jan 2025 13:36

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	2593
Ion	Ratio	Lower Upper
107	100	
109	95.8	63.8 118.6
188	0.0	2.8 4.2#



#51

Chlorobenzene

Concen: 1.198 ug/L

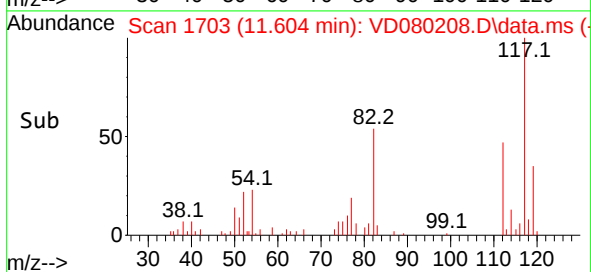
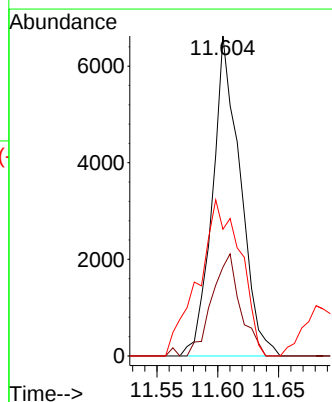
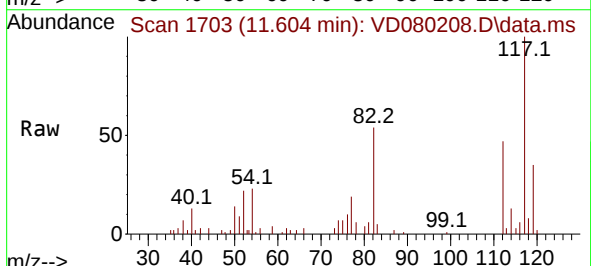
RT: 11.604 min Scan# 1703

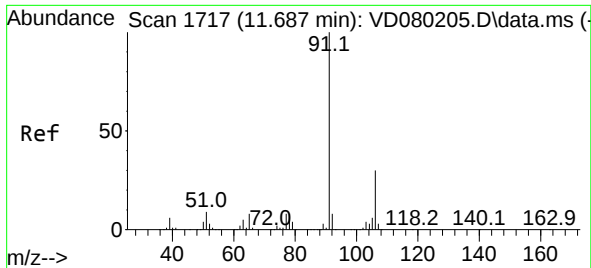
Delta R.T. -0.006 min

Lab File: VD080208.D

Acq: 10 Jan 2025 13:36

Tgt Ion:112	Resp:	10508
Ion	Ratio	Lower Upper
112	100	
114	27.8	21.8 40.6
77	39.6	46.8 70.2#

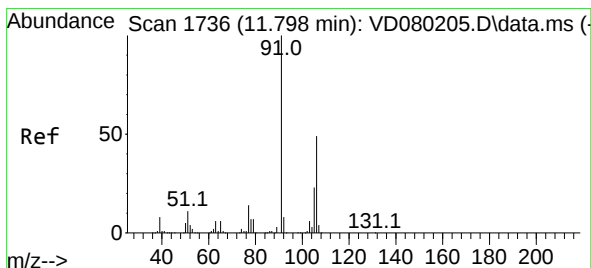
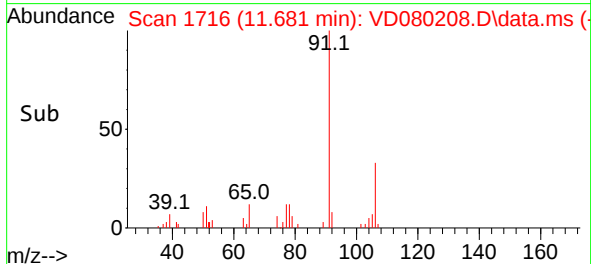
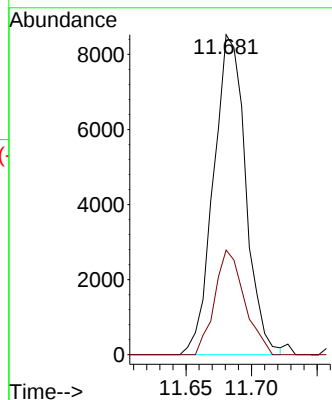
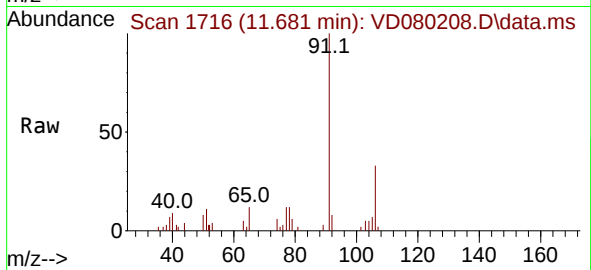




#52
Ethylbenzene
Concen: 0.989 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

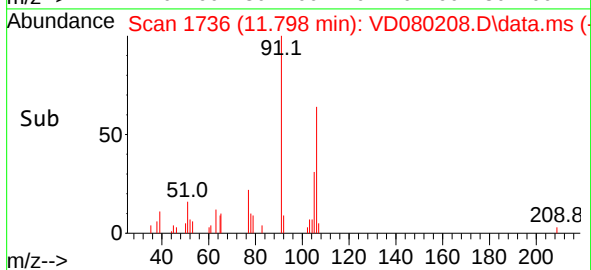
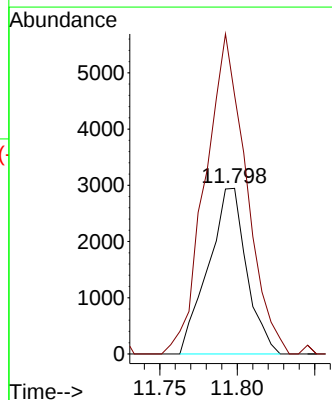
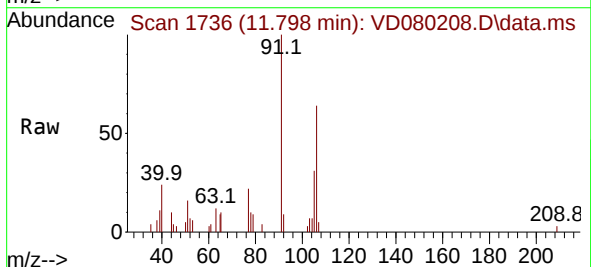
Instrument :
MSVOA_D
ClientSampleId :

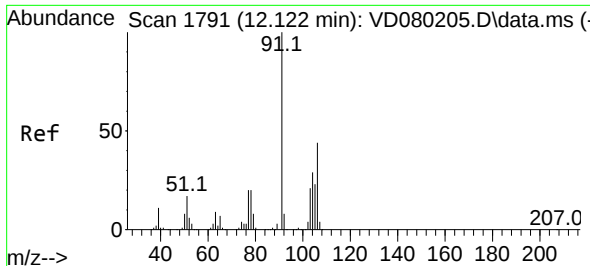
Tgt Ion: 91 Resp: 14523
Ion Ratio Lower Upper
91 100
106 32.7 21.8 40.6



#53
m,p-Xylene
Concen: 0.921 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

Tgt Ion:106 Resp: 5052
Ion Ratio Lower Upper
106 100
91 156.2 144.1 267.7

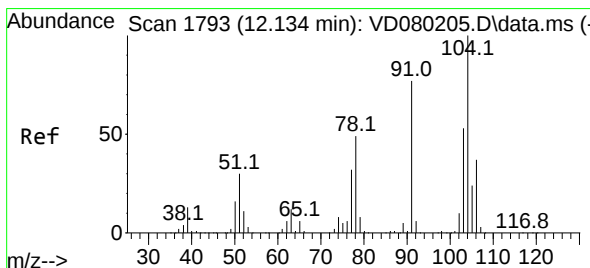
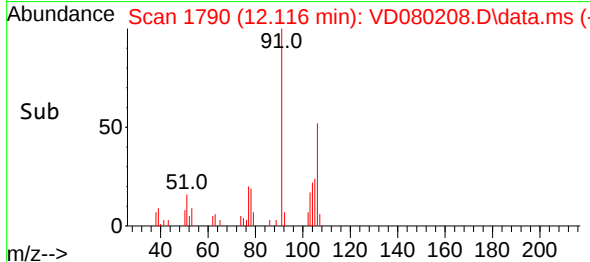
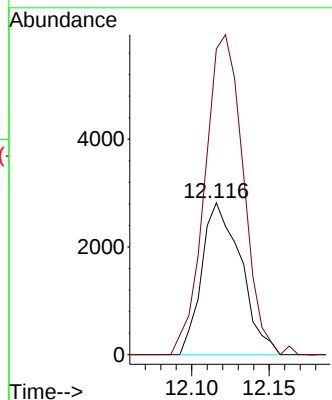
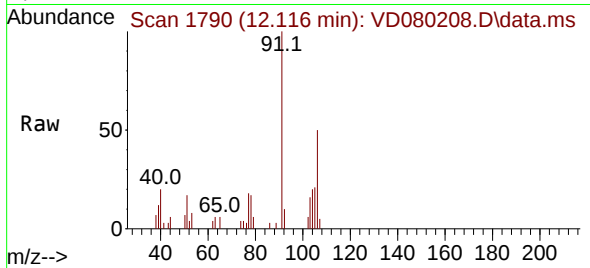




#54
o-Xylene
Concen: 0.968 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

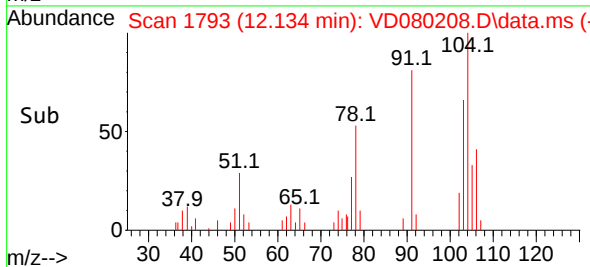
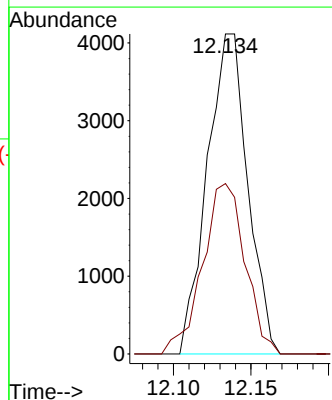
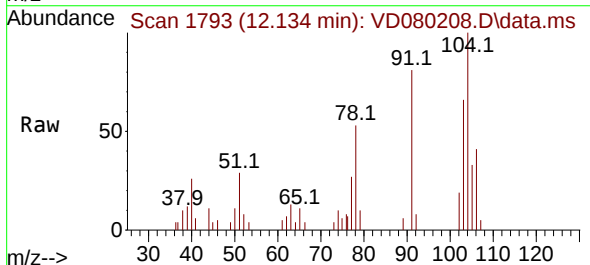
Instrument :
MSVOA_D
ClientSampleId :

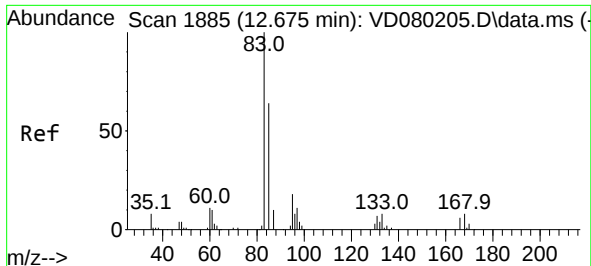
Tgt Ion:106 Resp: 4969
Ion Ratio Lower Upper
106 100
91 201.3 153.8 285.6



#55
Styrene
Concen: 0.805 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

Tgt Ion:104 Resp: 7482
Ion Ratio Lower Upper
104 100
78 53.3 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 1.360 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD080208.D

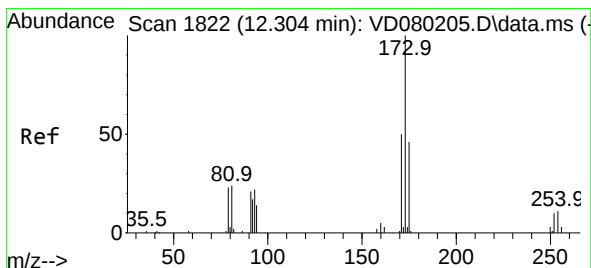
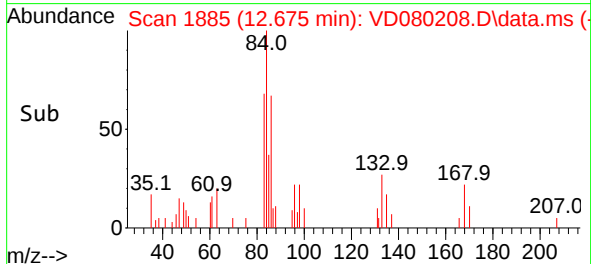
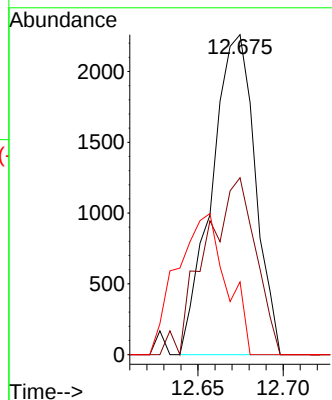
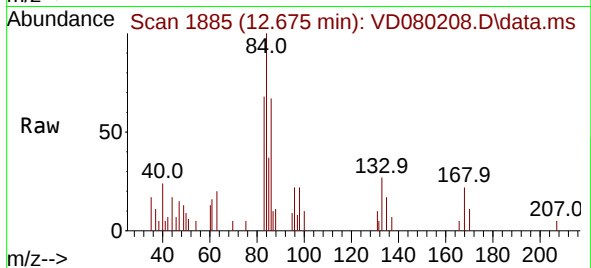
Acq: 10 Jan 2025 13:36

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	4016
Ion	Ratio	Lower	Upper
83	100		
85	55.3	40.7	75.5
131	22.7	6.2	9.2#



#59

Bromoform

Concen: 1.208 ug/L

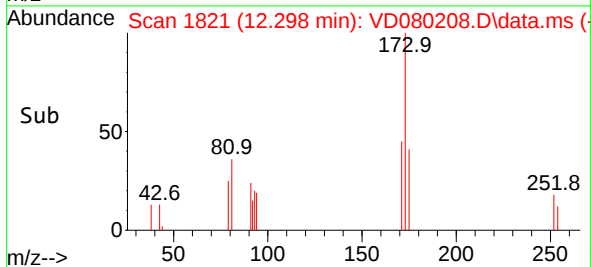
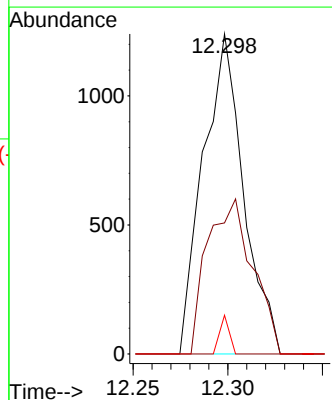
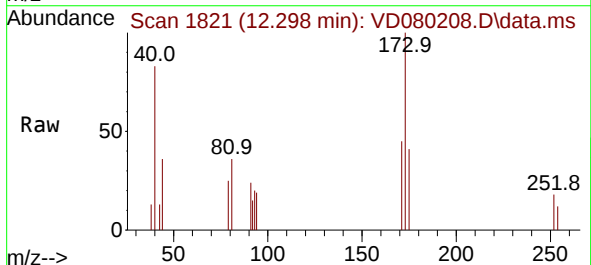
RT: 12.298 min Scan# 1821

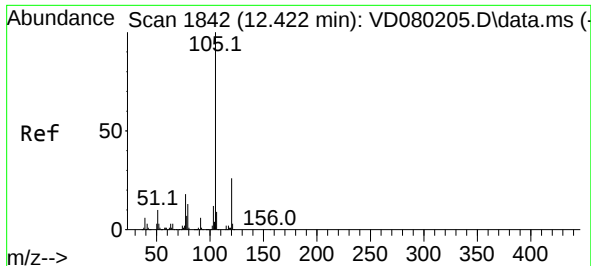
Delta R.T. -0.006 min

Lab File: VD080208.D

Acq: 10 Jan 2025 13:36

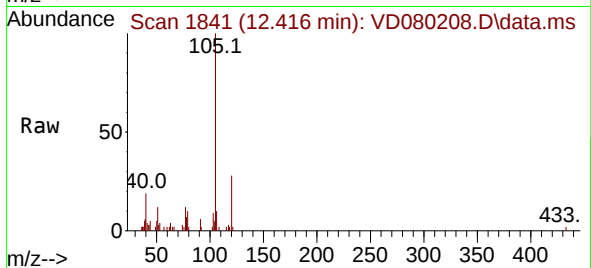
Tgt Ion:	173	Resp:	1843
Ion	Ratio	Lower	Upper
173	100		
175	54.4	38.2	57.4
254	0.0	8.3	12.5#



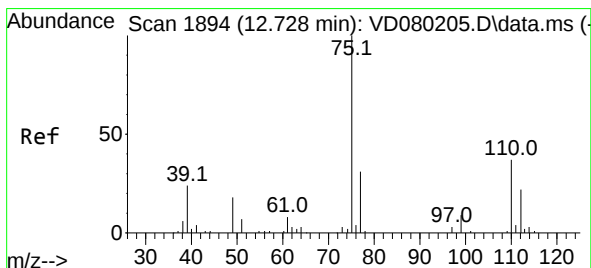
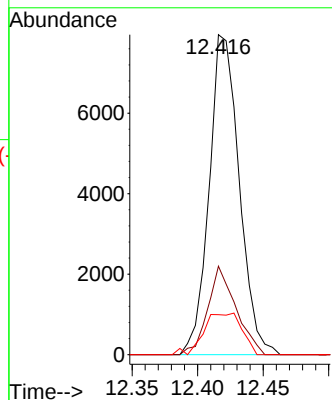
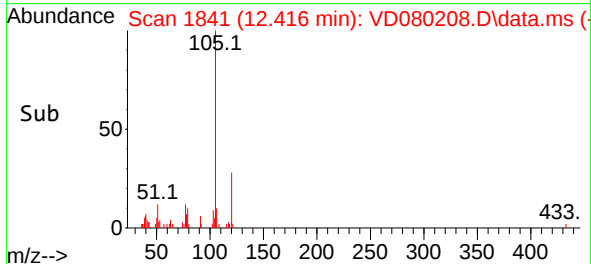


#60
Isopropylbenzene
Concen: 1.071 ug/L
RT: 12.416 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

Instrument :
MSVOA_D
ClientSampleId :

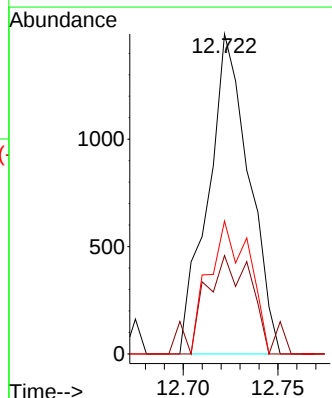
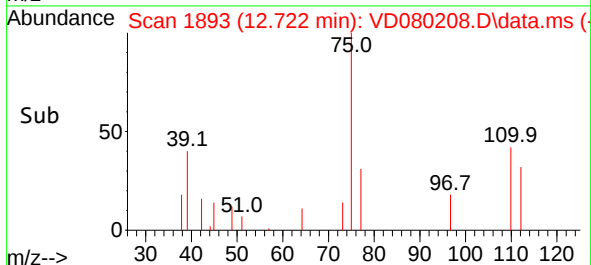
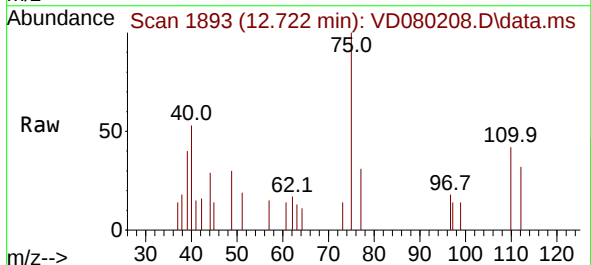


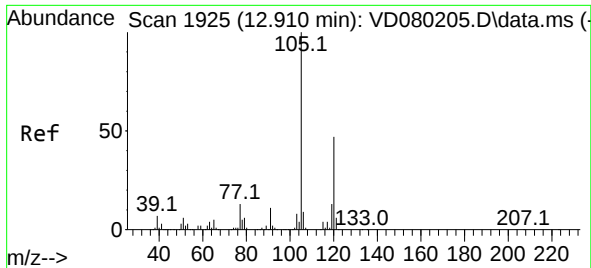
Tgt Ion:105 Resp: 12706
Ion Ratio Lower Upper
105 100
120 25.9 20.6 30.8
77 10.4 13.0 19.6#



#61
1,2,3-Trichloropropane
Concen: 1.246 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

Tgt Ion: 75 Resp: 2240
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5
110 41.0 31.5 47.3

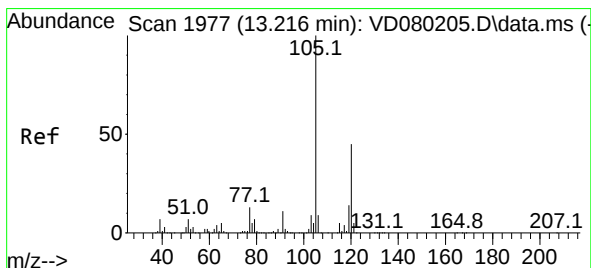
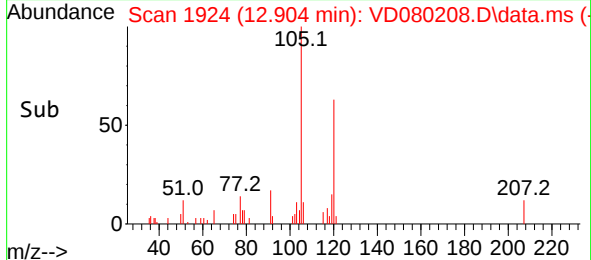
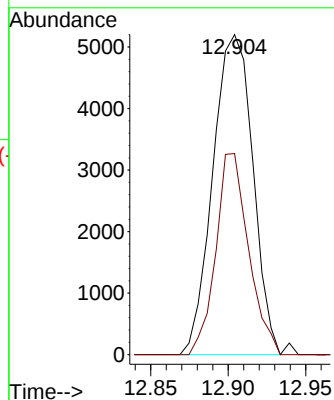
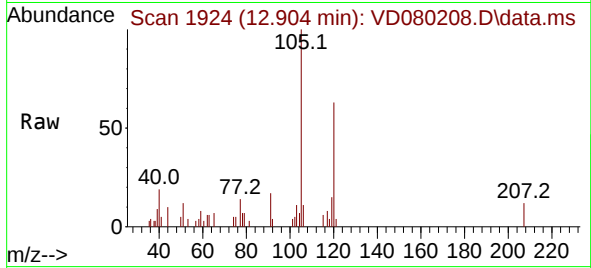




#62
 1,3,5-Trimethylbenzene
 Concen: 0.988 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: VD080208.D
 Acq: 10 Jan 2025 13:36

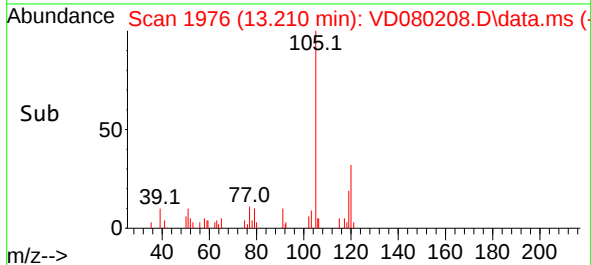
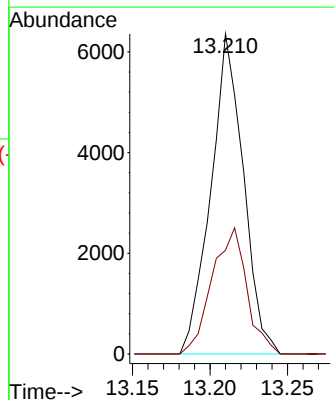
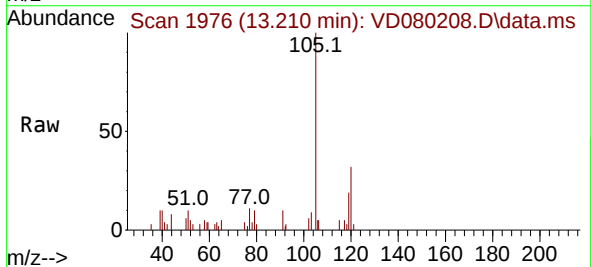
Instrument :
 MSVOA_D
 ClientSampleId :

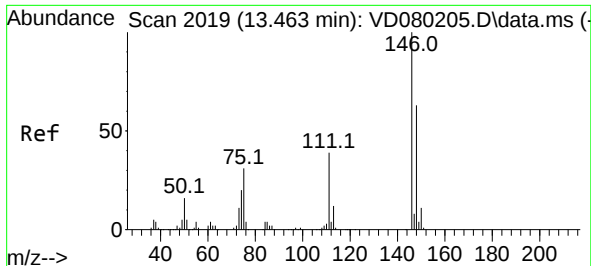
Tgt Ion:105 Resp: 9337
 Ion Ratio Lower Upper
 105 100
 120 51.6 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 1.007 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.006 min
 Lab File: VD080208.D
 Acq: 10 Jan 2025 13:36

Tgt Ion:105 Resp: 9285
 Ion Ratio Lower Upper
 105 100
 120 42.0 36.1 54.1

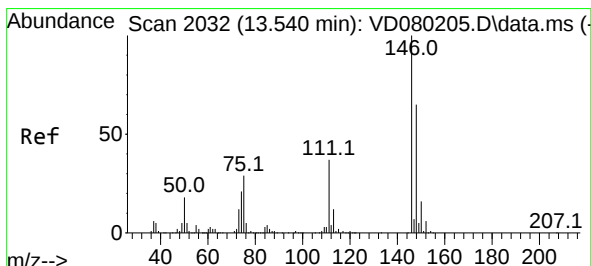
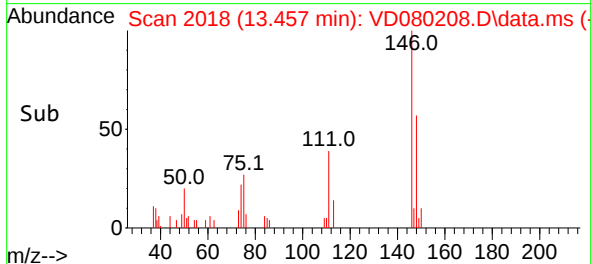
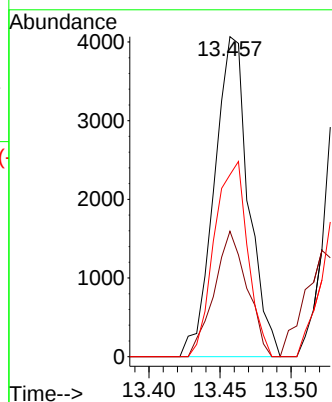
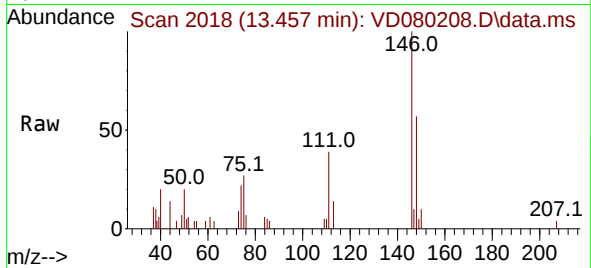




#64
1,3-Dichlorobenzene
Concen: 1.181 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

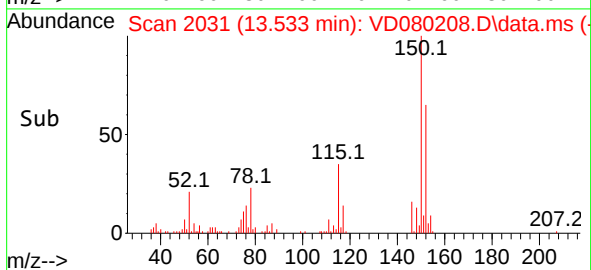
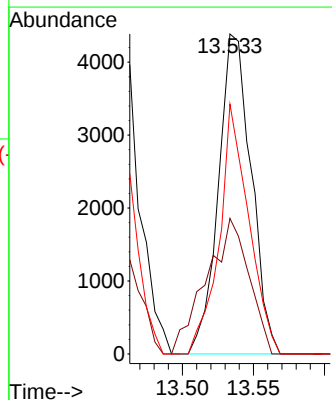
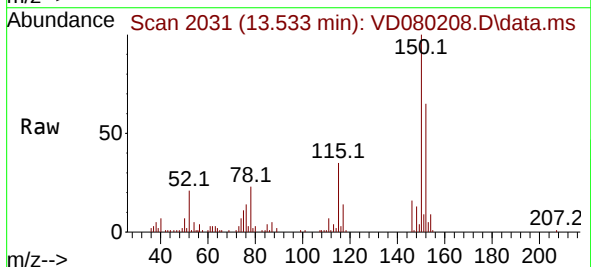
Instrument :
MSVOA_D
ClientSampleId :

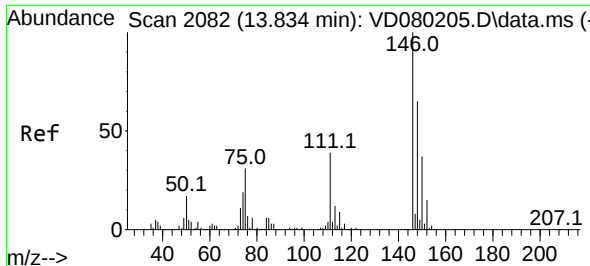
Tgt Ion:146 Resp: 6850
Ion Ratio Lower Upper
146 100
111 39.2 27.2 50.6
148 56.8 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 1.174 ug/L
RT: 13.533 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

Tgt Ion:146 Resp: 7031
Ion Ratio Lower Upper
146 100
111 42.3 26.7 49.7
148 78.1 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 1.285 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

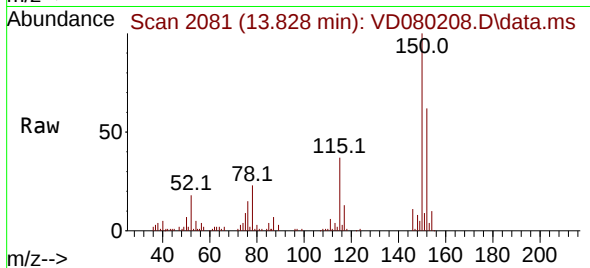
Lab File: VD080208.D

Acq: 10 Jan 2025 13:36

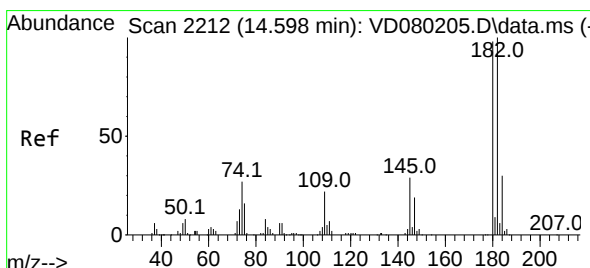
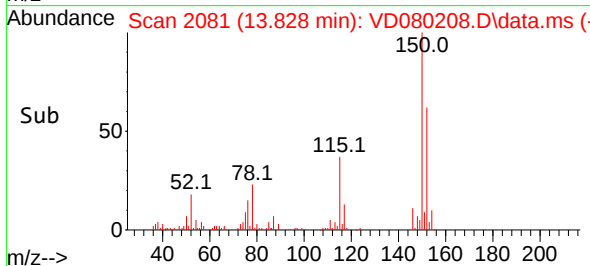
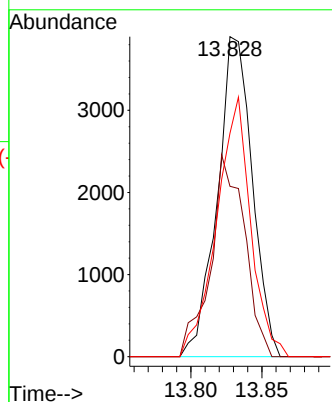
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:146	Resp:	6676
Ion Ratio	Lower	Upper
146	100	
111	53.3	31.4 47.0#
148	69.8	48.8 73.2



#69

1,3,5-Trichlorobenzene

Concen: 1.238 ug/L

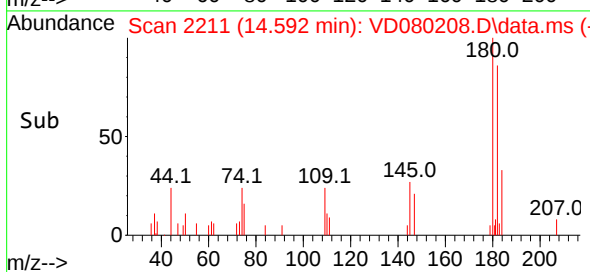
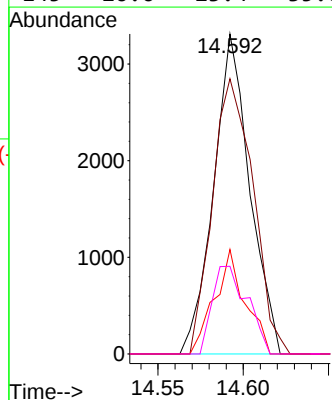
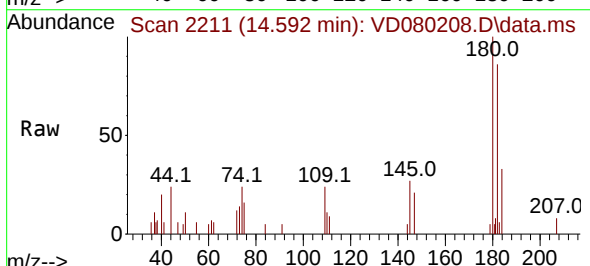
RT: 14.592 min Scan# 2211

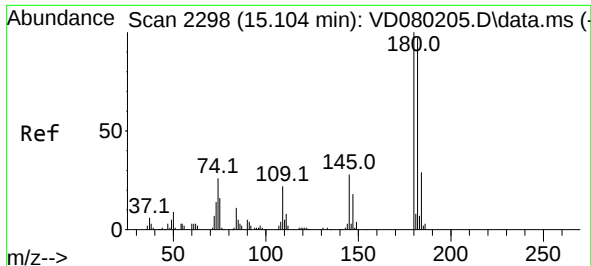
Delta R.T. -0.006 min

Lab File: VD080208.D

Acq: 10 Jan 2025 13:36

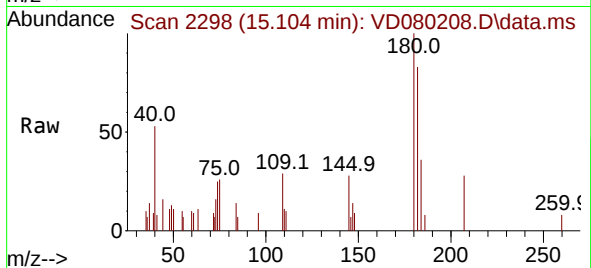
Tgt Ion:180	Resp:	4882
Ion Ratio	Lower	Upper
180	100	
182	96.8	75.4 113.0
184	27.6	24.0 36.0
145	26.6	23.4 35.0



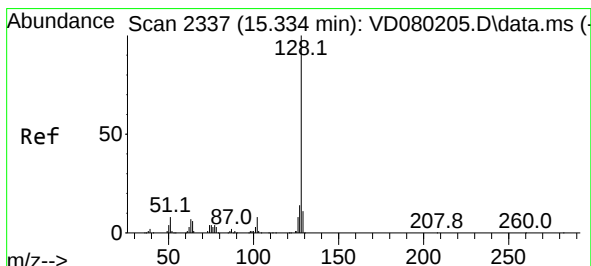
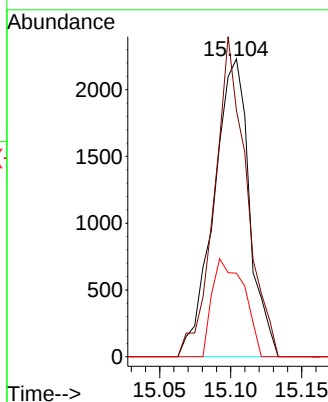
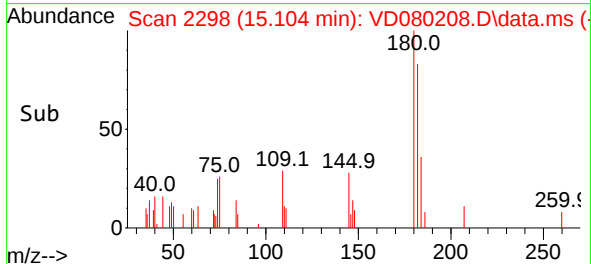


#70
1,2,4-trichlorobenzene
Concen: 1.206 ug/L
RT: 15.104 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36

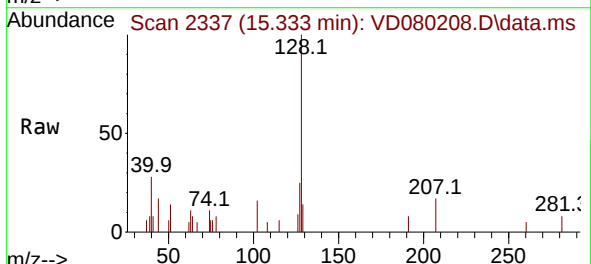
Instrument :
MSVOA_D
ClientSampleId :



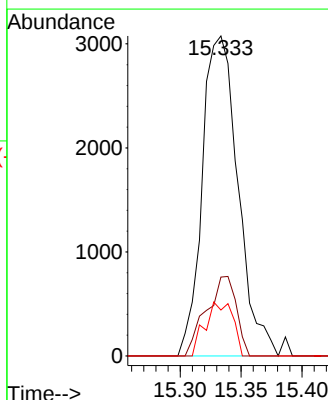
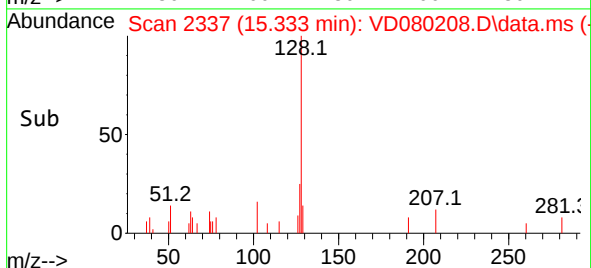
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.9	115.3
145	29.4	23.5	35.3

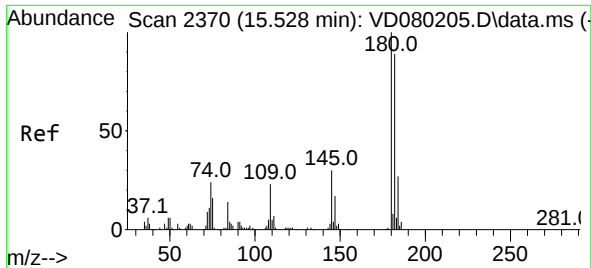


#71
Naphthalene
Concen: 1.110 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD080208.D
Acq: 10 Jan 2025 13:36



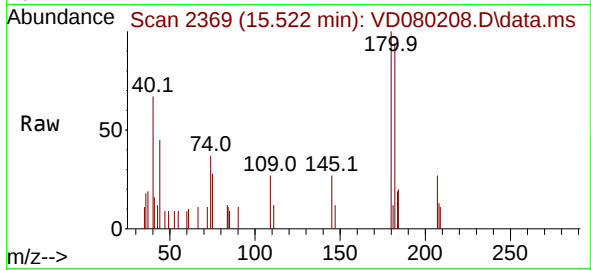
Tgt Ion	Ratio	Lower	Upper
128	100		
127	20.9	11.5	17.3#
129	13.1	9.0	13.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.964 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD080208.D
 Acq: 10 Jan 2025 13:36

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 2882
 Ion Ratio Lower Upper
 180 100
 182 110.7 74.8 112.2
 145 22.0 24.2 36.4#

