

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
 Data File : VD080190.D
 Acq On : 09 Jan 2025 11:29
 Operator : RP/MD
 Sample : VSTD025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 09 19:48:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM010925SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 09 19:44:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	235185	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	222973	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	120894	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	169037	24.506	ug/L	0.00
7) Chloroethane-d5	2.805	69	140493	25.064	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	39291	23.568	ug/L	0.00
21) 2-Butanone-d5	6.999	46	33697	43.267	ug/L	0.00
24) Chloroform-d	7.575	84	181652	24.613	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	92762	23.996	ug/L	0.00
32) Benzene-d6	8.210	84	357339	24.824	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	114495	24.032	ug/L	0.00
41) Toluene-d8	10.269	98	341865	26.059	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	47019	24.154	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	28046	47.235	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	88100	24.677	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	107023	23.549	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	107925	23.121	ug/L	100
3) Chloromethane	2.152	50	146390	23.005	ug/L	100
5) Vinyl chloride	2.287	62	186413	23.874	ug/L	100
6) Bromomethane	2.699	94	111116	24.436	ug/L	100
8) Chloroethane	2.846	64	117987	24.634	ug/L	100
9) Trichlorofluoromethane	3.181	101	160572	24.750	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	93544	25.271	ug/L	100
12) 1,1-Dichloroethene	3.946	96	79027	23.918	ug/L	100
13) Acetone	4.028	43	26130	41.399	ug/L	100
14) Carbon disulfide	4.275	76	307320	24.956	ug/L	100
15) Methyl Acetate	4.563	43	16480	10.618	ug/L	# 64
16) Methylene chloride	4.805	84	96245	24.106	ug/L	100
17) trans-1,2-Dichloroethene	5.322	96	90502	25.036	ug/L	100
18) Methyl tert-butyl Ether	5.328	73	167693	24.488	ug/L	100
19) 1,1-Dichloroethane	6.116	63	171828	24.763	ug/L	100
20) cis-1,2-Dichloroethene	7.087	96	94778	25.075	ug/L	100
22) 2-Butanone	7.087	43	40677	45.276	ug/L	100
23) Bromochloromethane	7.428	128	46518	25.391	ug/L	100
25) Chloroform	7.604	83	193657	25.182	ug/L	100
27) 1,2-Dichloroethane	8.334	62	114220	25.461	ug/L	100
29) Cyclohexane	7.887	56	148970	26.555	ug/L	100
30) 1,1,1-Trichloroethane	7.799	97	151210	25.597	ug/L	100
31) Carbon tetrachloride	7.999	117	136158	26.115	ug/L	100
33) Benzene	8.257	78	393657	25.964	ug/L	100
34) Trichloroethene	9.034	95	100468	25.586	ug/L	100
35) Methylcyclohexane	9.281	83	158411	27.129	ug/L	100
37) 1,2-Dichloropropane	9.310	63	105055	25.432	ug/L	100
38) Bromodichloromethane	9.587	83	132302	25.546	ug/L	100
39) cis-1,3-Dichloropropene	10.022	75	151022	25.866	ug/L	100
40) 4-Methyl-2-pentanone	10.163	43	97750	48.206	ug/L	100
42) Toluene	10.334	91	430434	27.172	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	132608	26.300	ug/L	100

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

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

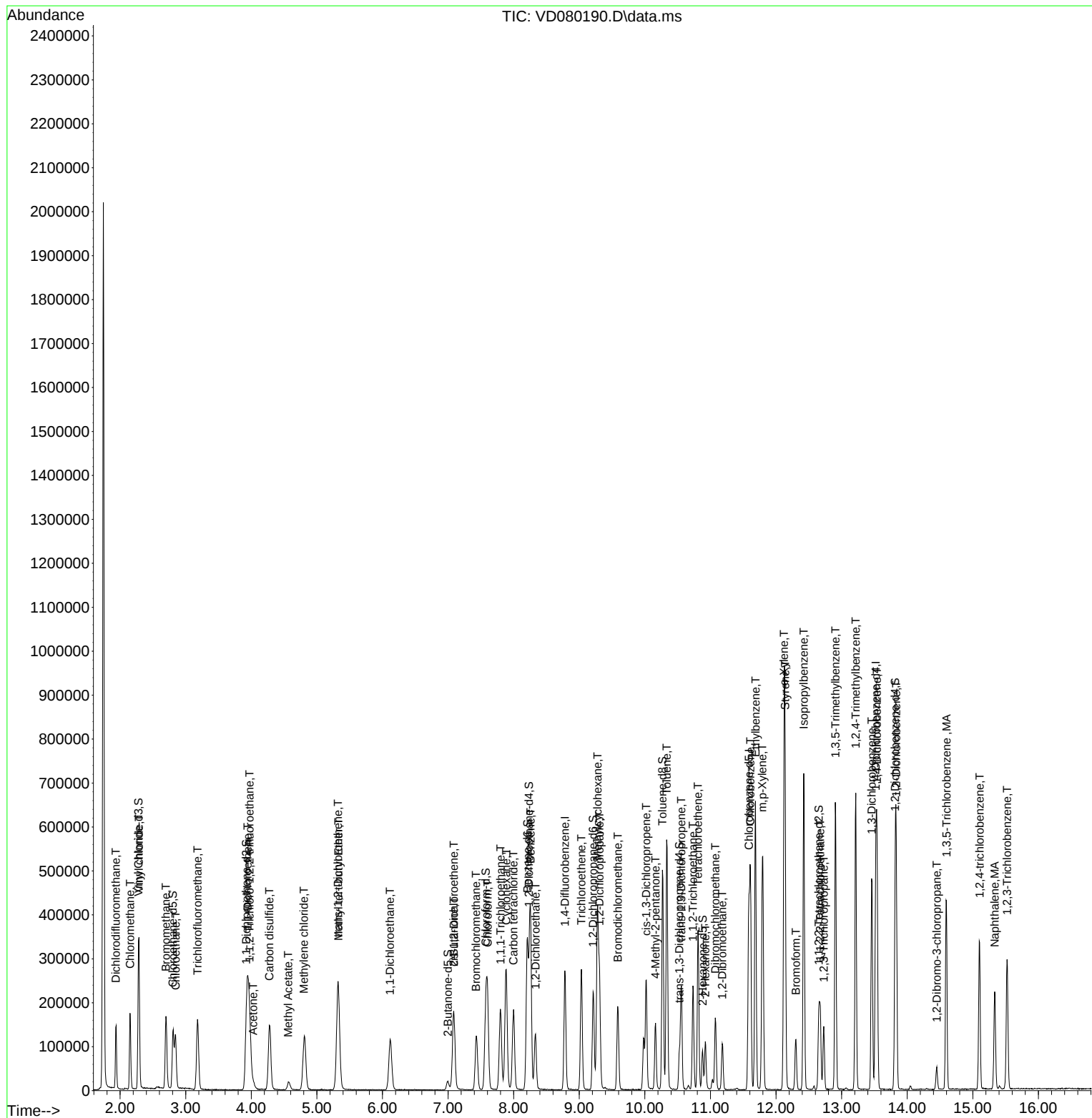
45) 1,1,2-Trichloroethane	10.734	97	74156	24.587	ug/L	100
46) Tetrachloroethene	10.810	164	82178	25.973	ug/L	100
48) 2-Hexanone	10.922	43	69647	51.541	ug/L	100
49) Dibromochloromethane	11.075	129	85115	25.340	ug/L	100
50) 1,2-Dibromoethane	11.181	107	69295	25.280	ug/L	100
51) Chlorobenzene	11.610	112	259900	25.593	ug/L	100
52) Ethylbenzene	11.687	91	457227	26.899	ug/L	100
53) m,p-Xylene	11.792	106	174033	27.396	ug/L	100
54) o-Xylene	12.122	106	161285	27.140	ug/L	100
55) Styrene	12.140	104	296266	27.526	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	86802	25.388	ug/L	100
59) Bromoform	12.304	173	52511	24.208	ug/L	100
60) Isopropylbenzene	12.422	105	444279	26.350	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	59096	23.117	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	349614	26.020	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	349468	26.662	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	203853	24.717	ug/L	100
65) 1,4-Dichlorobenzene	13.539	146	211653	24.854	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	181861	24.617	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.451	75	13134	23.520	ug/L	100
69) 1,3,5-Trichlorobenzene	14.598	180	140552	25.061	ug/L	100
70) 1,2,4-trichlorobenzene	15.104	180	111752	24.418	ug/L	100
71) Naphthalene	15.333	128	190177	23.617	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	105472	24.813	ug/L	100

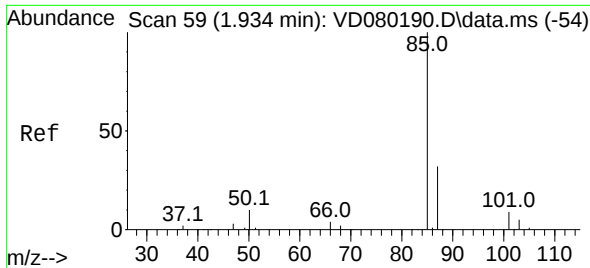
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QLast Update : Thu Jan 09 19:44:54 2025
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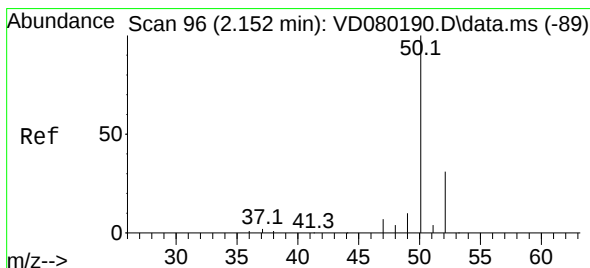
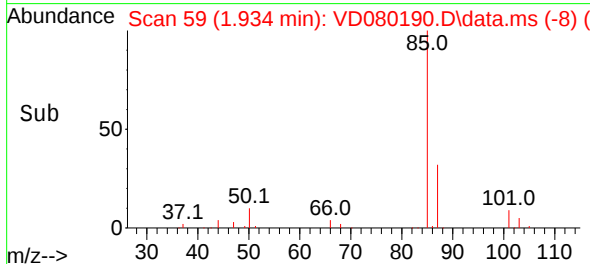
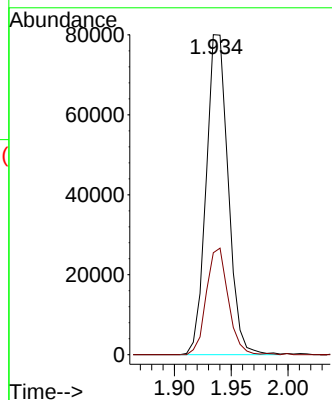
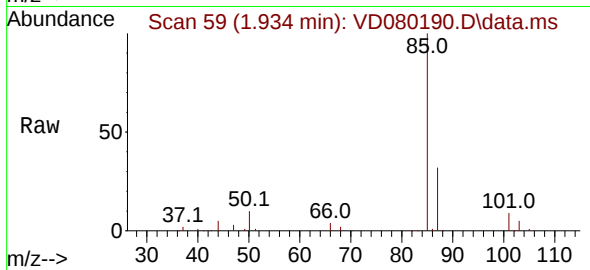




#2
 Dichlorodifluoromethane
 Concen: 23.121 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD080190.D
 Acq: 09 Jan 2025 11:29

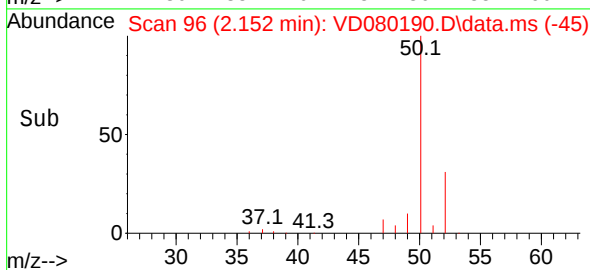
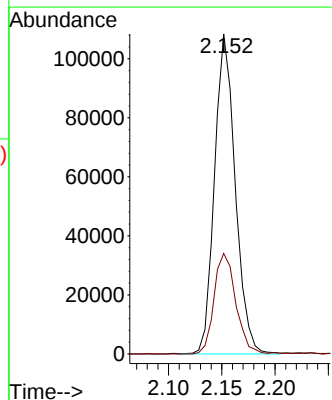
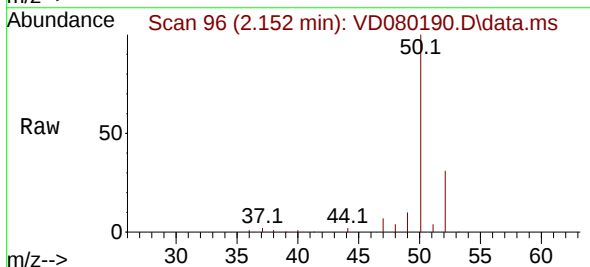
Instrument :
 MSVOA_D
 ClientSampleId :

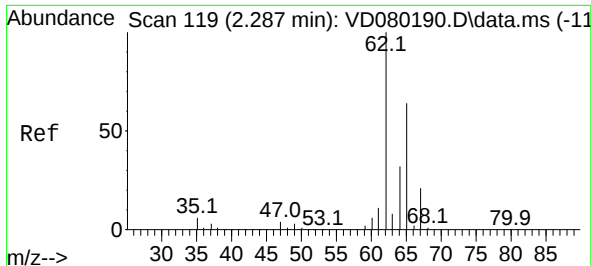
Tgt Ion: 85 Resp: 107925
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.4 39.6



#3
 Chloromethane
 Concen: 23.005 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VD080190.D
 Acq: 09 Jan 2025 11:29

Tgt Ion: 50 Resp: 146390
 Ion Ratio Lower Upper
 50 100
 52 31.4 22.0 40.8

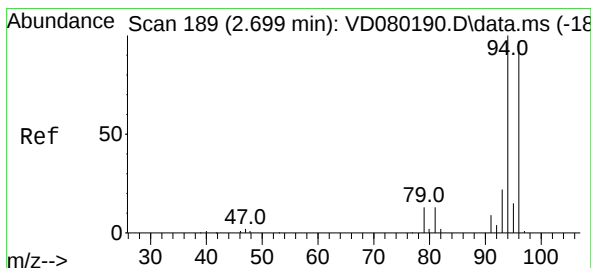
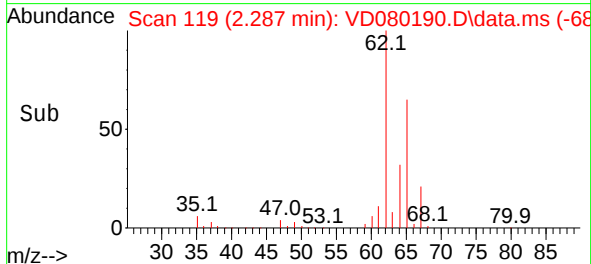
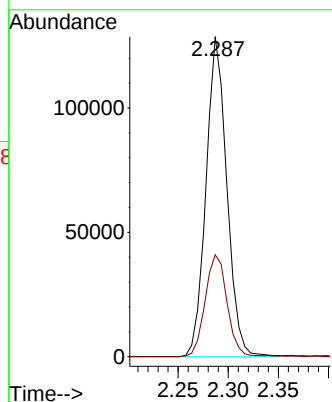
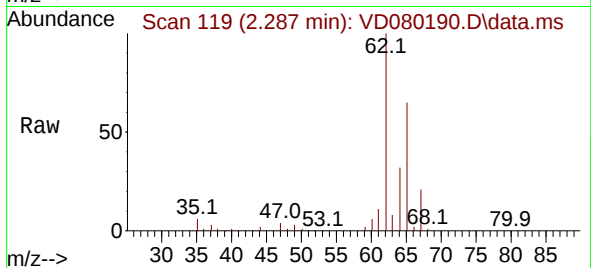




#5
 Vinyl chloride
 Concen: 23.874 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD080190.D
 Acq: 09 Jan 2025 11:29

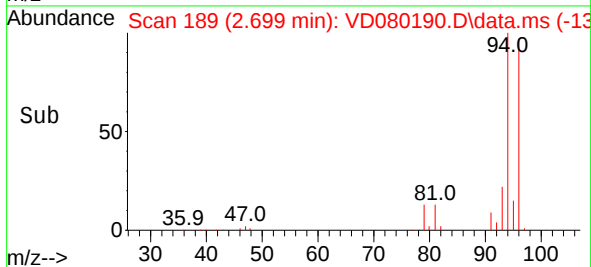
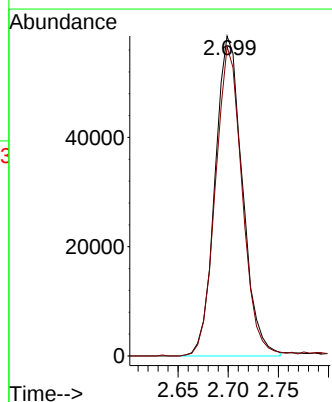
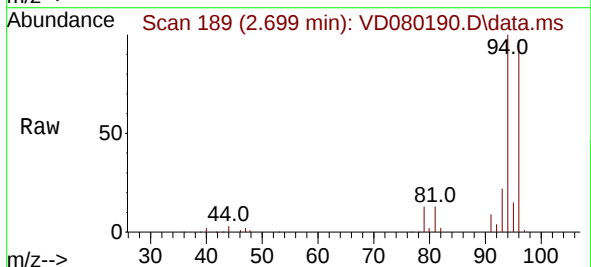
Instrument :
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 ClientSampleId :

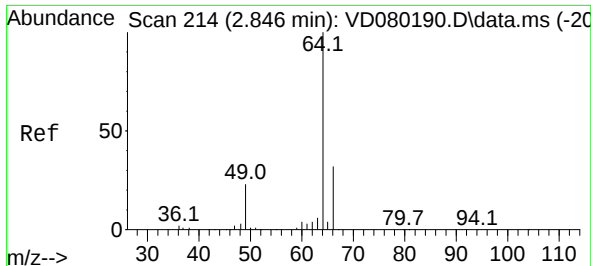
Tgt Ion: 62 Resp: 186413
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.3 41.5



#6
 Bromomethane
 Concen: 24.436 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD080190.D
 Acq: 09 Jan 2025 11:29

Tgt Ion: 94 Resp: 111116
 Ion Ratio Lower Upper
 94 100
 96 96.7 67.7 125.7





#8

Chloroethane

Concen: 24.634 ug/L

RT: 2.846 min Scan# 214

Delta R.T. 0.000 min

Lab File: VD080190.D

Acq: 09 Jan 2025 11:29

Instrument :

MSVOA_D

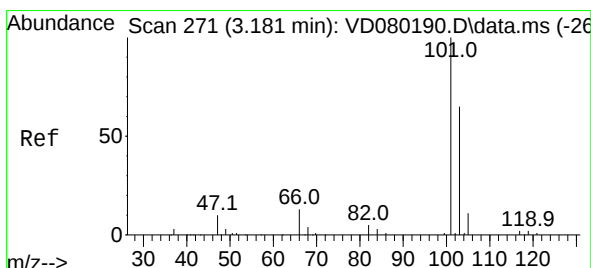
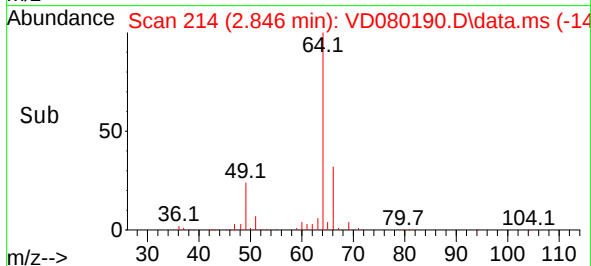
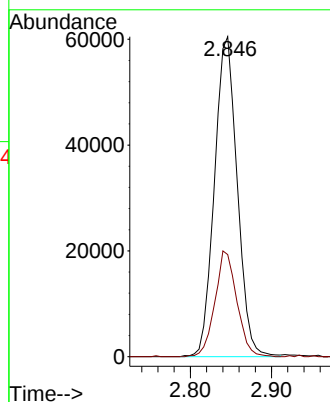
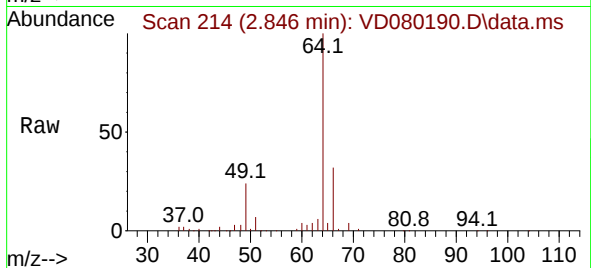
ClientSampleId :

Tgt Ion: 64 Resp: 117987

Ion Ratio Lower Upper

64 100

66 31.9 22.3 41.5



#9

Trichlorofluoromethane

Concen: 24.750 ug/L

RT: 3.181 min Scan# 271

Delta R.T. 0.000 min

Lab File: VD080190.D

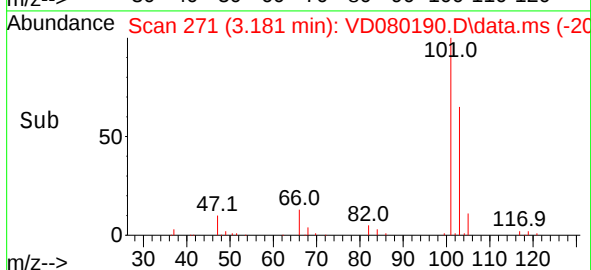
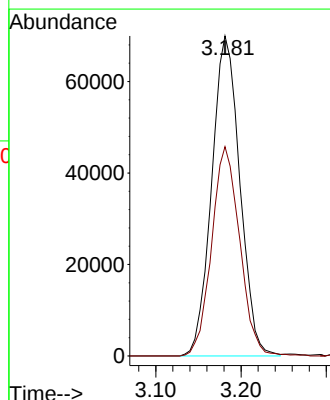
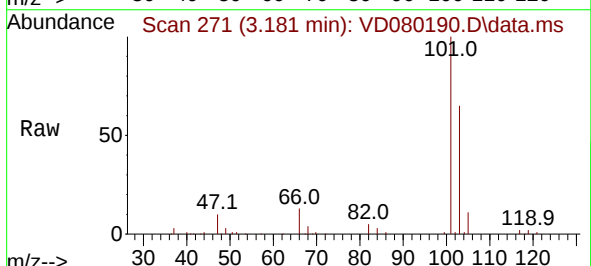
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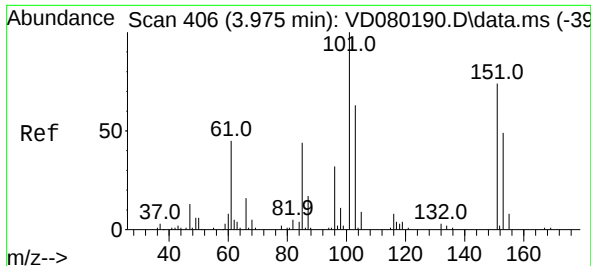
Tgt Ion:101 Resp: 160572

Ion Ratio Lower Upper

101 100

103 65.2 52.2 78.2





#10

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

Concen: 25.271 ug/L

RT: 3.975 min Scan# 406

Delta R.T. 0.000 min

Lab File: VD080190.D

Acq: 09 Jan 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

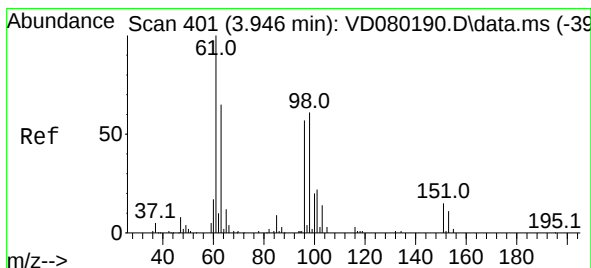
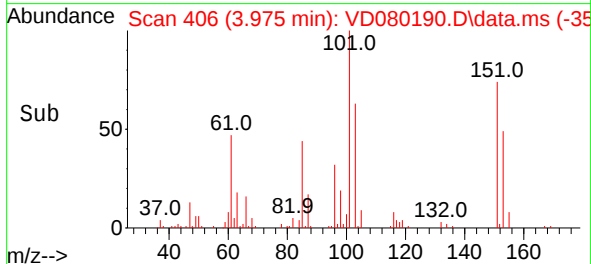
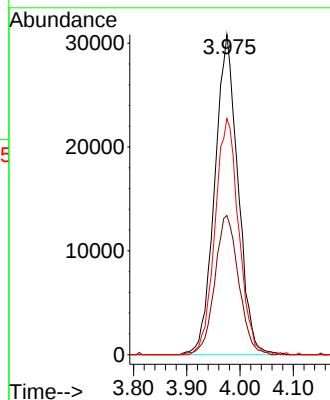
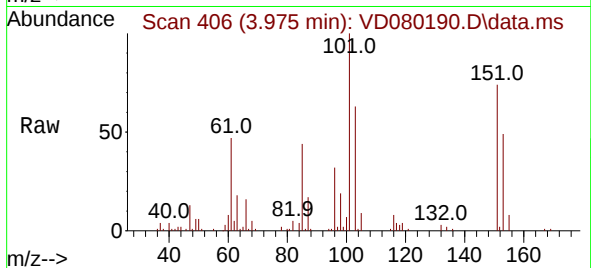
Tgt Ion:101 Resp: 93544

Ion Ratio Lower Upper

101 100

85 44.5 35.6 53.4

151 75.0 60.0 90.0



#12

1,1-Dichloroethene

Concen: 23.918 ug/L

RT: 3.946 min Scan# 401

Delta R.T. 0.000 min

Lab File: VD080190.D

Acq: 09 Jan 2025 11:29

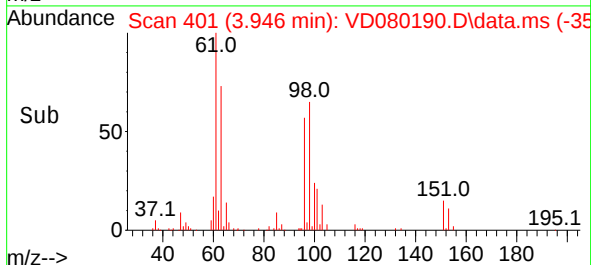
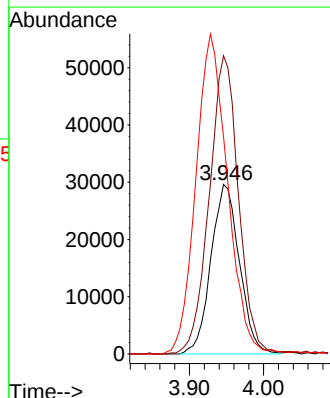
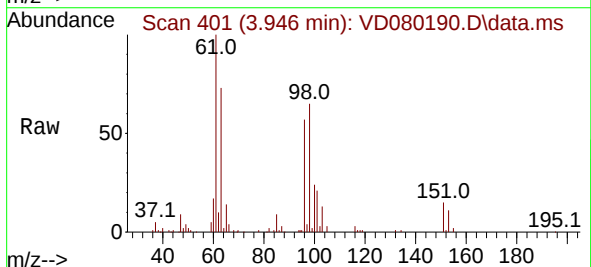
Tgt Ion: 96 Resp: 79027

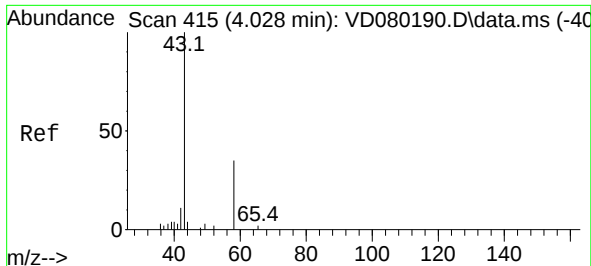
Ion Ratio Lower Upper

96 100

61 175.9 123.1 228.7

63 128.0 89.6 166.4





#13

Acetone

Concen: 41.399 ug/L

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

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Instrument :

MSVOA_D

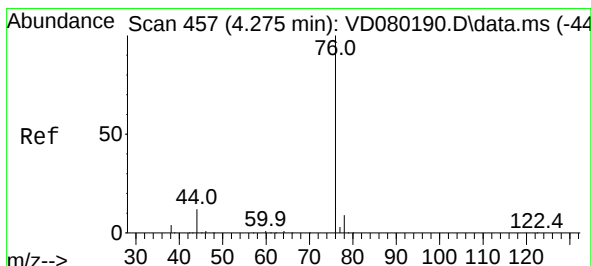
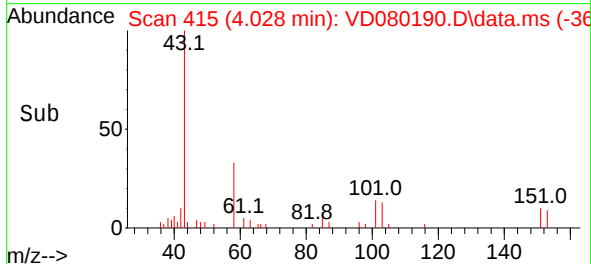
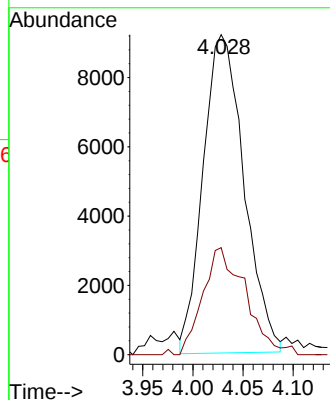
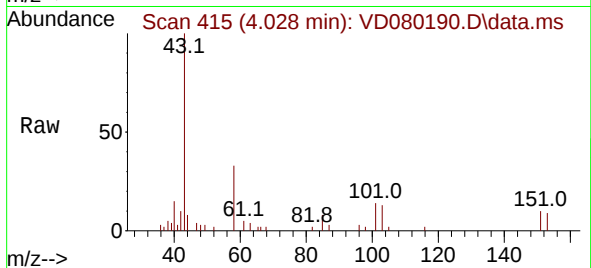
ClientSampleId :

Tgt Ion: 43 Resp: 26130

Ion Ratio Lower Upper

43 100

58 26.4 0.0 52.8



#14

Carbon disulfide

Concen: 24.956 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD080190.D

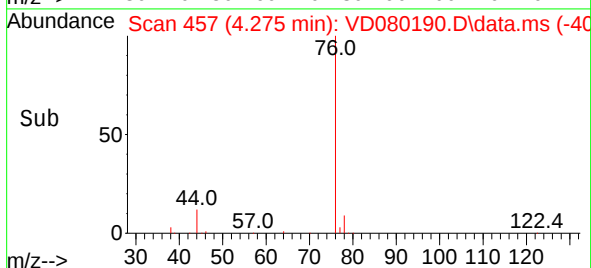
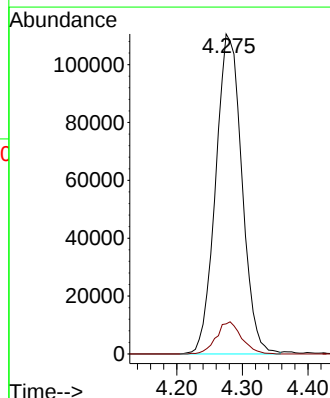
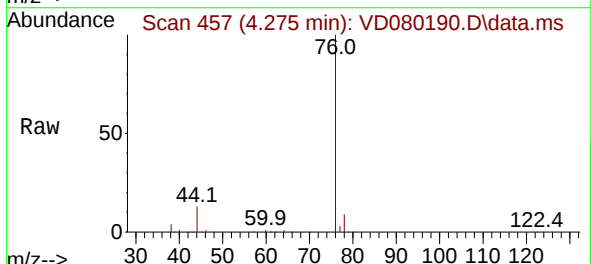
Acq: 09 Jan 2025 11:29

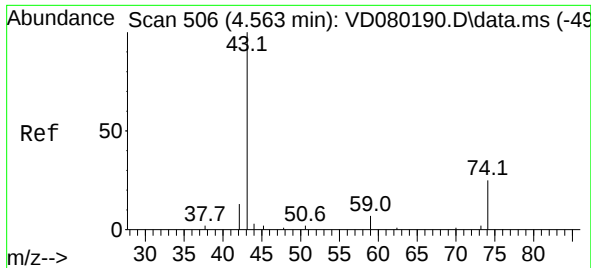
Tgt Ion: 76 Resp: 307320

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

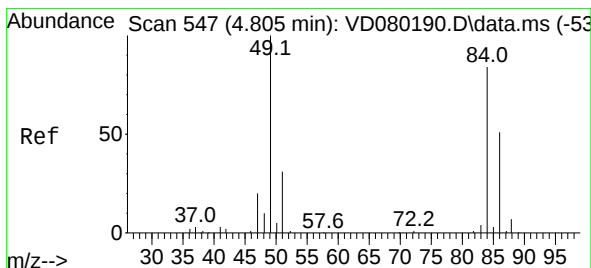
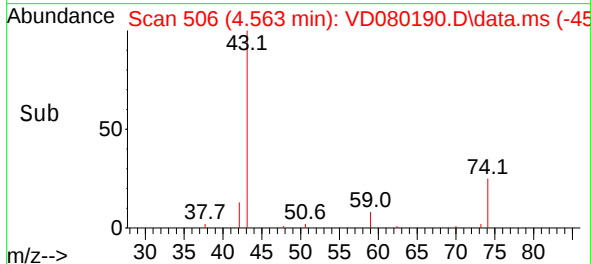
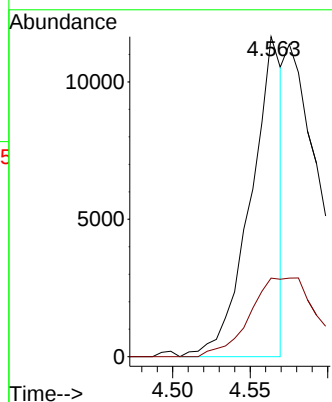
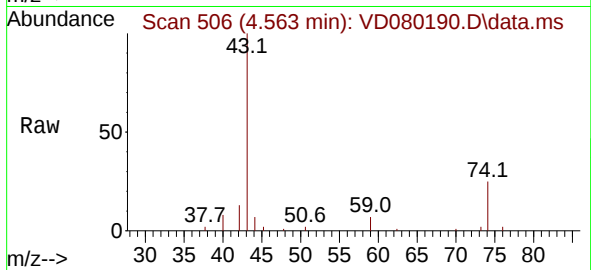




#15
Methyl Acetate
Concen: 10.618 ug/L
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

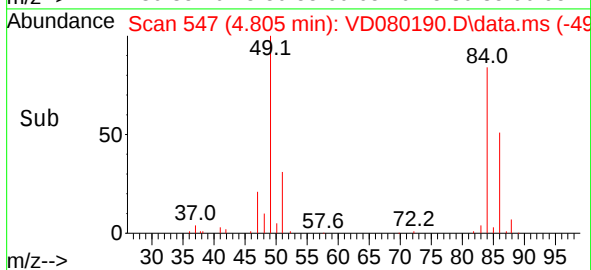
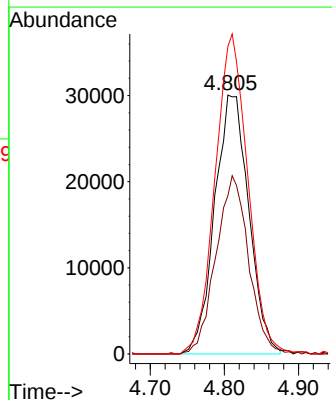
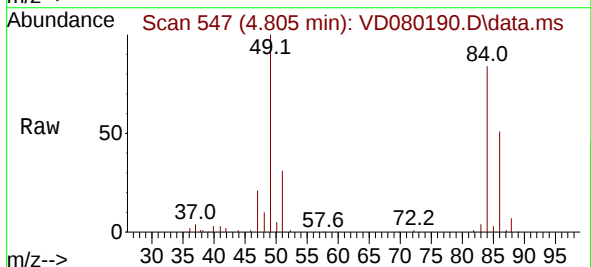
Instrument :
MSVOA_D
ClientSampleId :

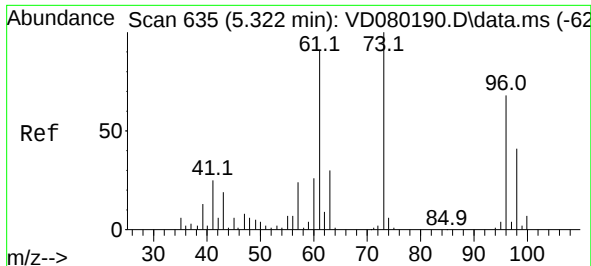
Tgt Ion: 43 Resp: 16480
Ion Ratio Lower Upper
43 100
74 26.6 10.1 15.1#



#16
Methylene chloride
Concen: 24.106 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

Tgt Ion: 84 Resp: 96245
Ion Ratio Lower Upper
84 100
86 61.1 42.8 79.4
49 118.7 83.1 154.3

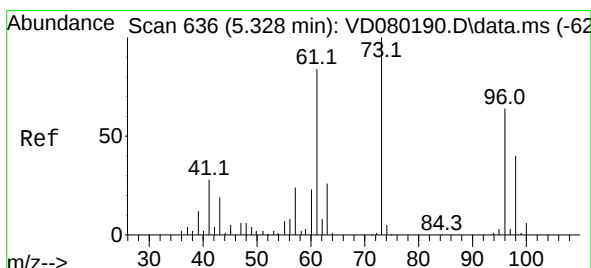
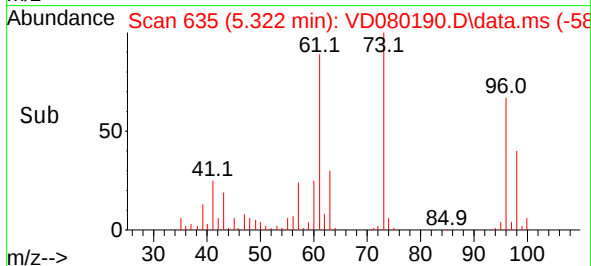
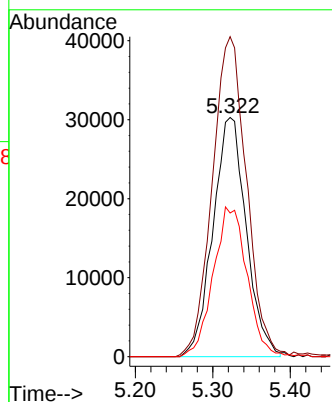
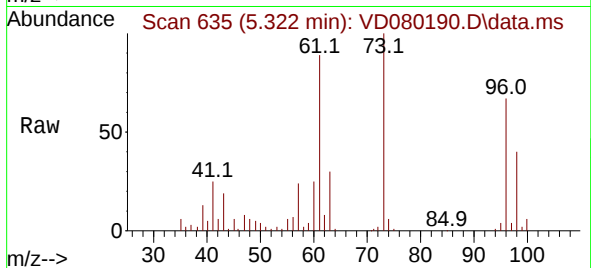




#17
trans-1,2-Dichloroethene
Concen: 25.036 ug/L
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

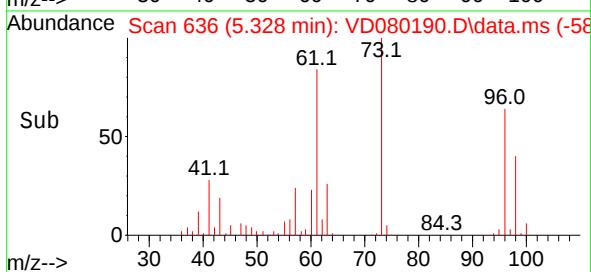
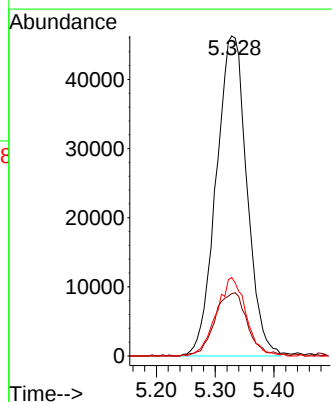
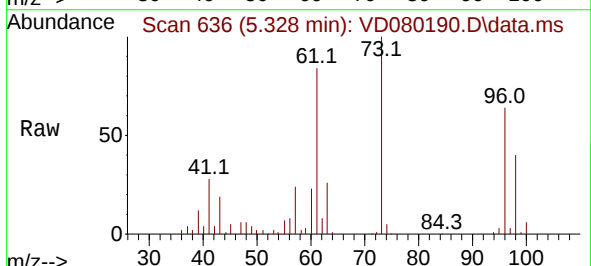
Instrument :
MSVOA_D
ClientSampleId :

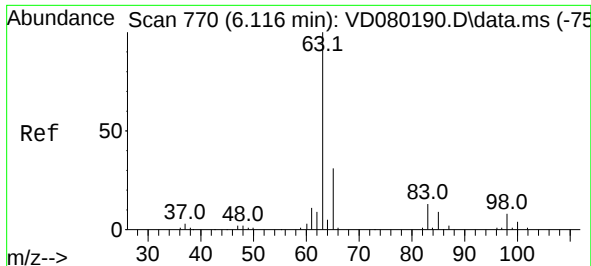
Tgt Ion: 96 Resp: 90502
Ion Ratio Lower Upper
96 100
61 133.8 93.7 173.9
98 60.1 42.1 78.1



#18
Methyl tert-butyl Ether
Concen: 24.488 ug/L
RT: 5.328 min Scan# 636
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

Tgt Ion: 73 Resp: 167693
Ion Ratio Lower Upper
73 100
43 20.7 16.6 24.8
57 23.6 18.9 28.3

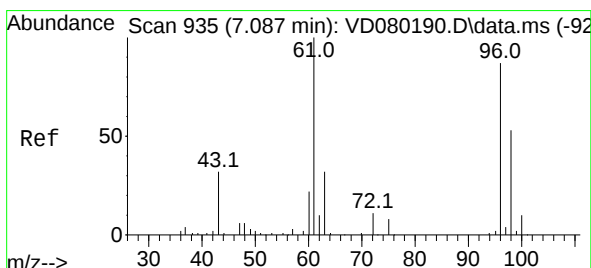
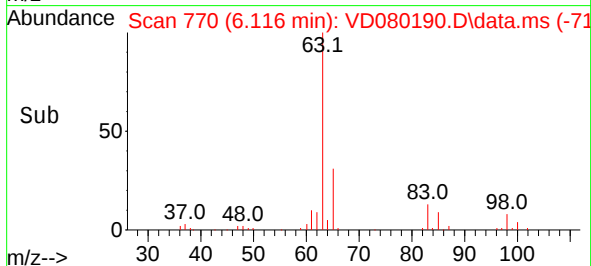
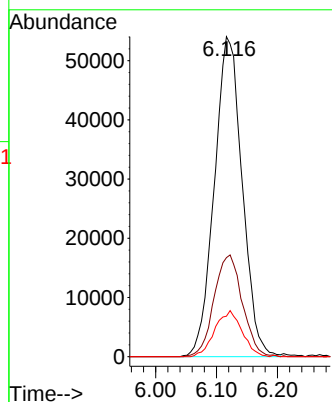
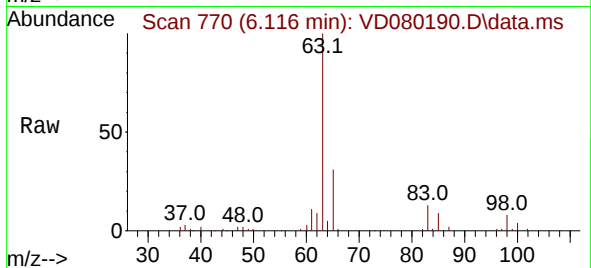




#19
1,1-Dichloroethane
Concen: 24.763 ug/L
RT: 6.116 min Scan# 770
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

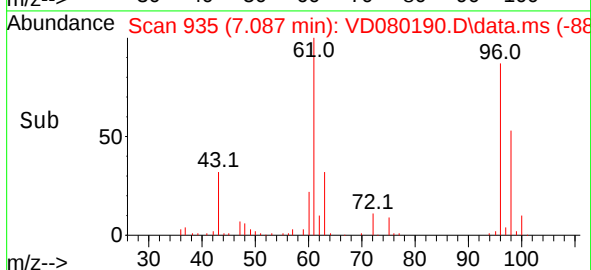
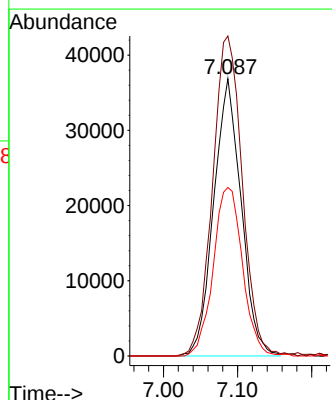
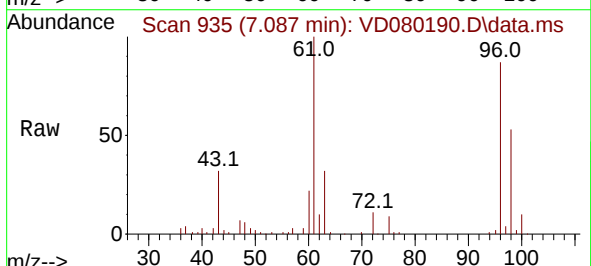
Instrument :
MSVOA_D
ClientSampleId :

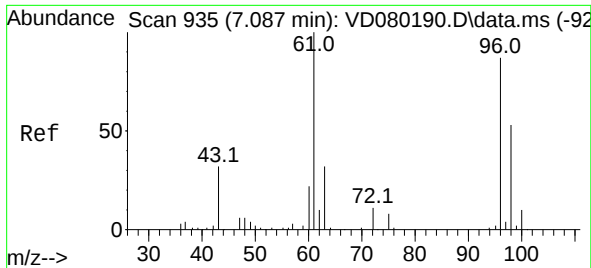
Tgt Ion: 63 Resp: 171828
Ion Ratio Lower Upper
63 100
65 31.0 21.7 40.3
83 12.6 8.8 16.4



#20
cis-1,2-Dichloroethene
Concen: 25.075 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

Tgt Ion: 96 Resp: 94778
Ion Ratio Lower Upper
96 100
61 115.4 80.8 150.0
98 60.8 42.6 79.0

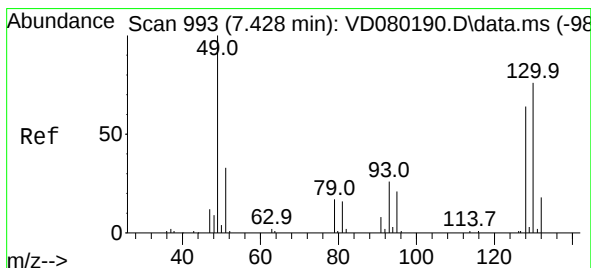
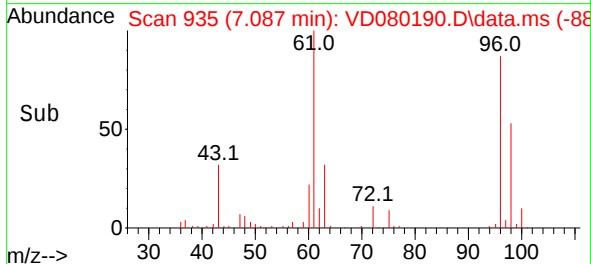
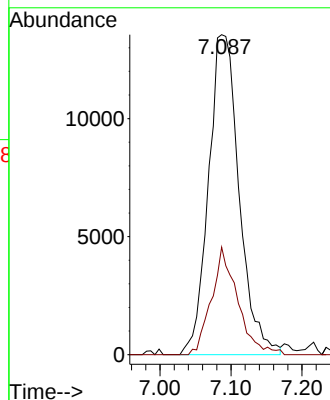
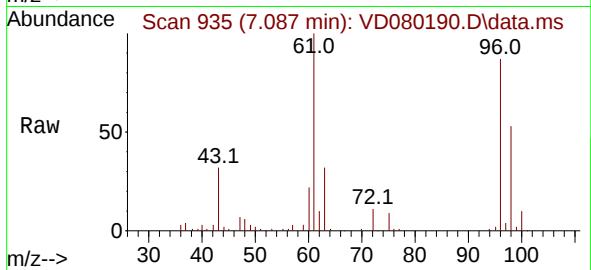




#22
2-Butanone
Concen: 45.276 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

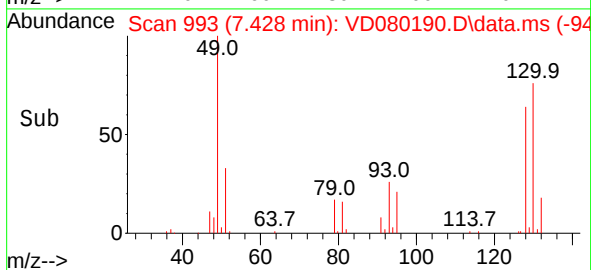
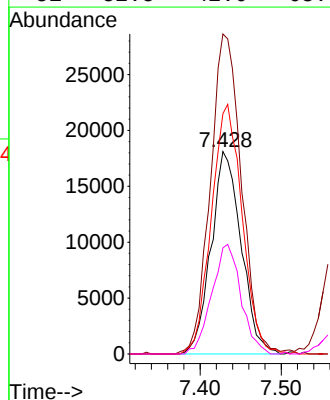
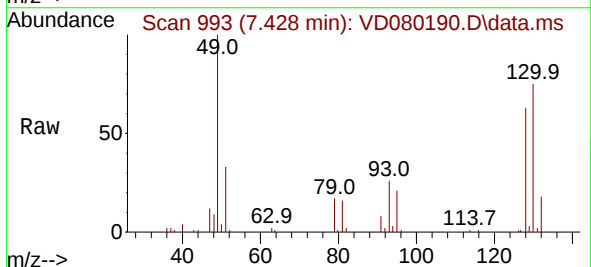
Instrument :
MSVOA_D
ClientSampleId :

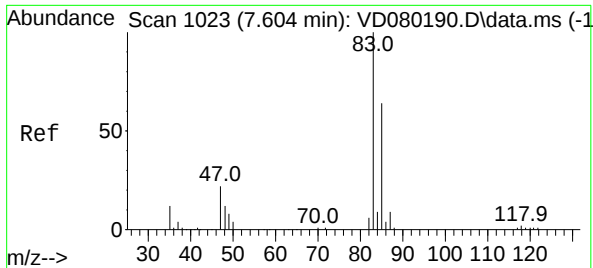
Tgt Ion: 43 Resp: 40677
Ion Ratio Lower Upper
43 100
72 28.0 14.0 42.0



#23
Bromochloromethane
Concen: 25.391 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

Tgt Ion:128 Resp: 46518
Ion Ratio Lower Upper
128 100
49 158.2 110.7 205.7
130 118.7 83.1 154.3
51 52.5 42.0 63.0

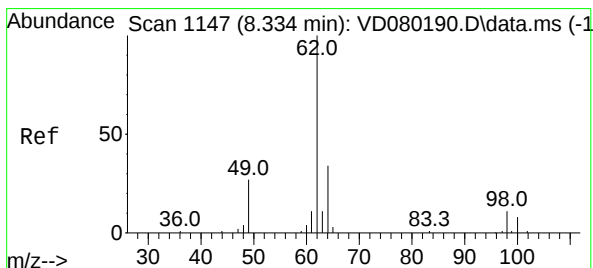
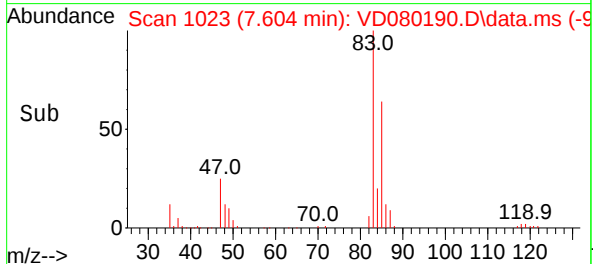
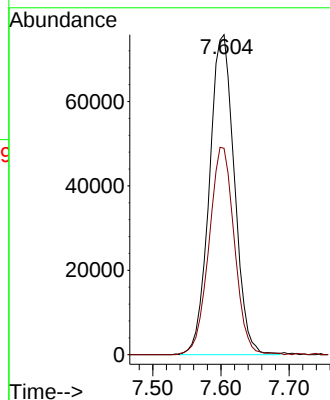
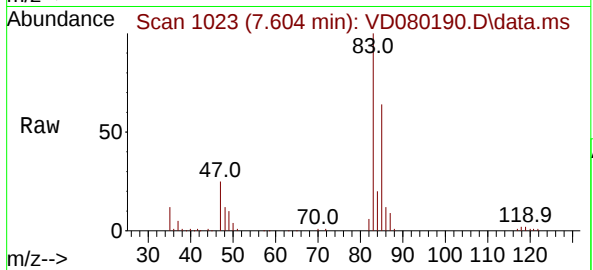




#25
Chloroform
Concen: 25.182 ug/L
RT: 7.604 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

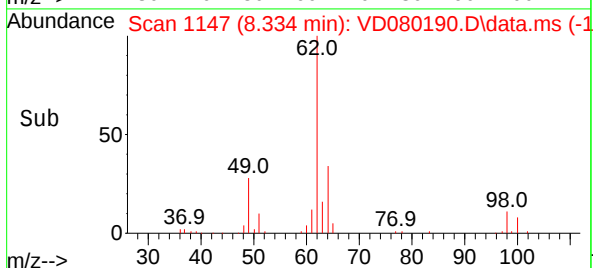
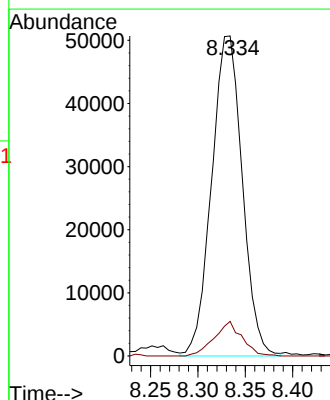
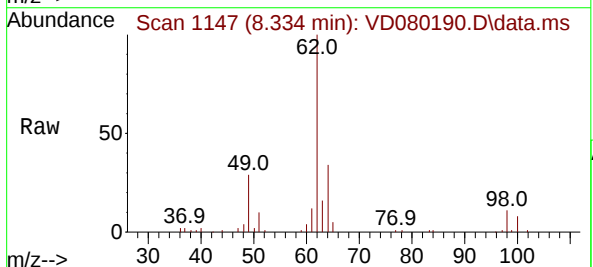
Instrument :
MSVOA_D
ClientSampleId :

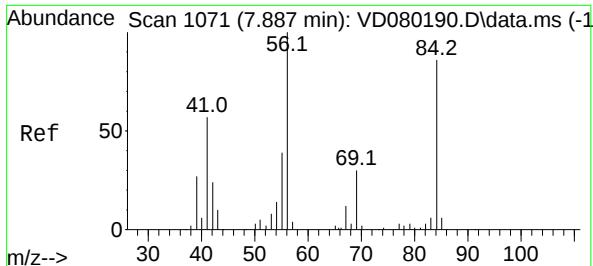
Tgt Ion: 83 Resp: 193657
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.9



#27
1,2-Dichloroethane
Concen: 25.461 ug/L
RT: 8.334 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

Tgt Ion: 62 Resp: 114220
Ion Ratio Lower Upper
62 100
98 10.8 8.6 13.0

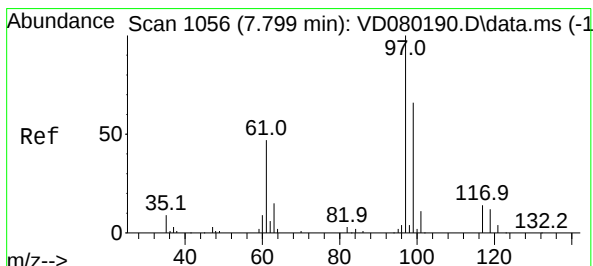
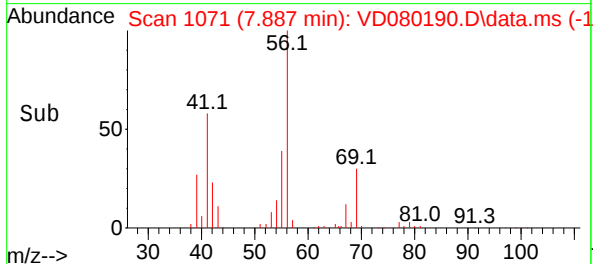
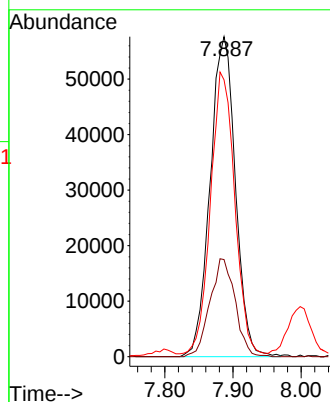
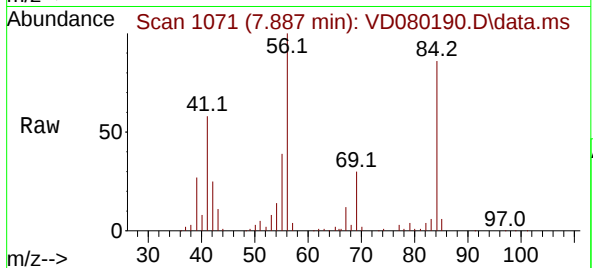




#29
Cyclohexane
Concen: 26.555 ug/L
RT: 7.887 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

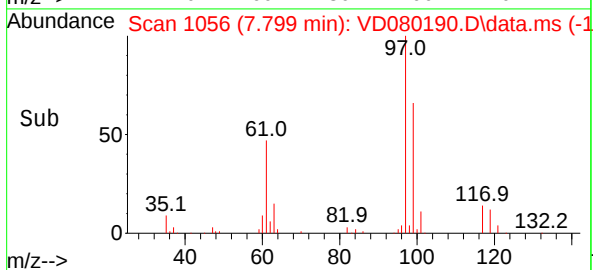
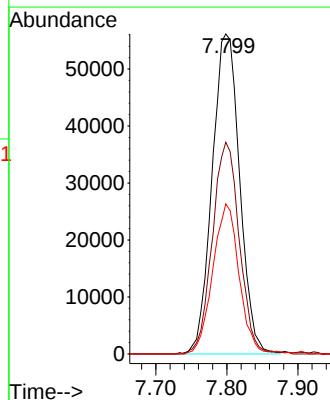
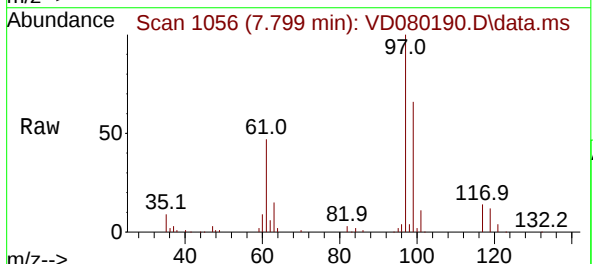
Instrument :
MSVOA_D
ClientSampleId :

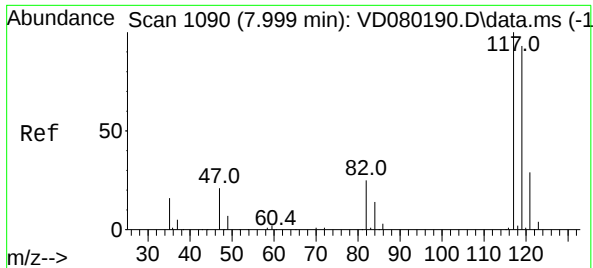
Tgt Ion: 56 Resp: 148970
Ion Ratio Lower Upper
56 100
69 30.3 24.2 36.4
84 86.0 68.8 103.2



#30
1,1,1-Trichloroethane
Concen: 25.597 ug/L
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

Tgt Ion: 97 Resp: 151210
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 44.7 35.8 53.6

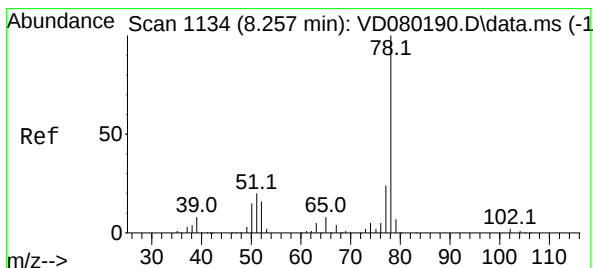
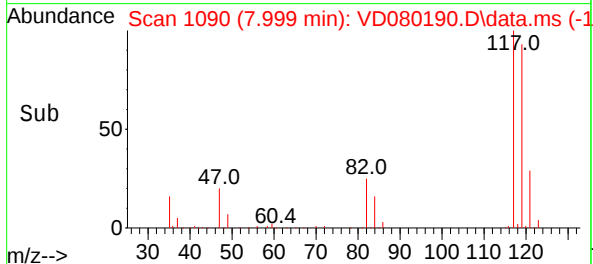
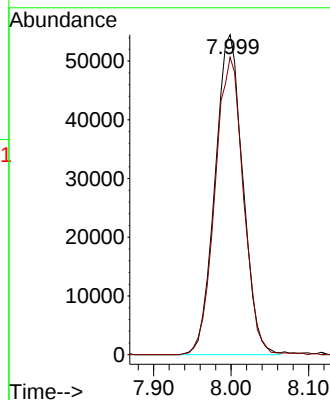
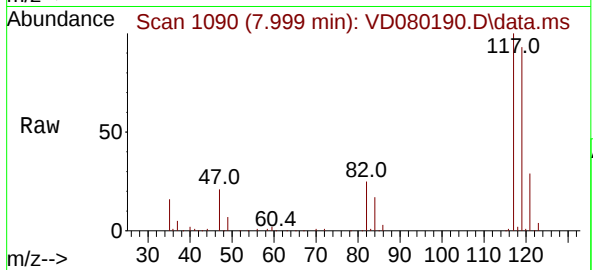




#31
Carbon tetrachloride
Concen: 26.115 ug/L
RT: 7.999 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

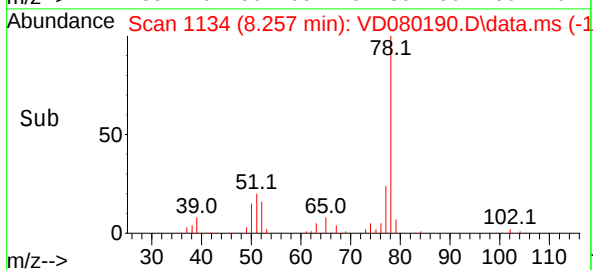
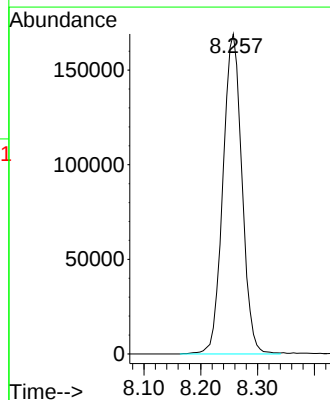
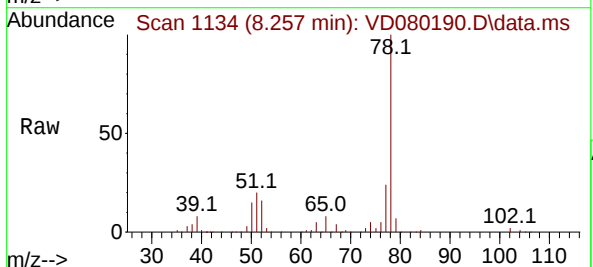
Instrument :
MSVOA_D
ClientSampleId :

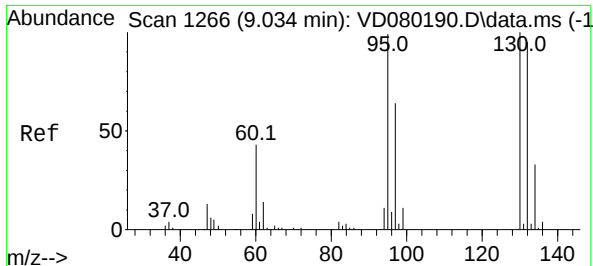
Tgt Ion:117 Resp: 136158
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8



#33
Benzene
Concen: 25.964 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

Tgt Ion: 78 Resp: 393657





#34

Trichloroethene

Concen: 25.586 ug/L

RT: 9.034 min Scan# 1266

Delta R.T. 0.000 min

Lab File: VD080190.D

Acq: 09 Jan 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 100468

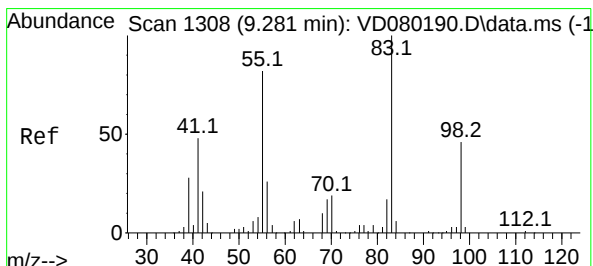
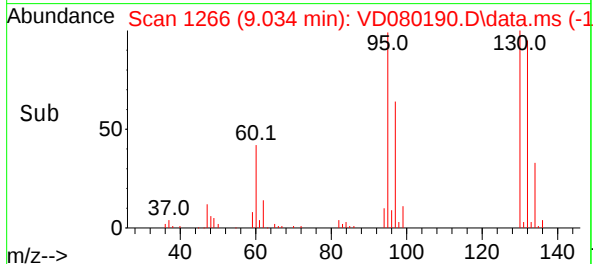
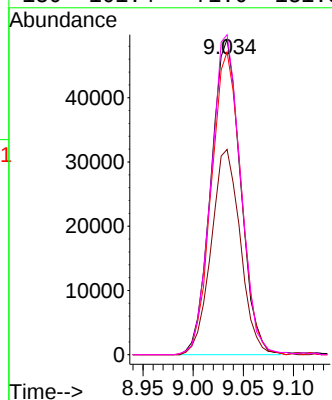
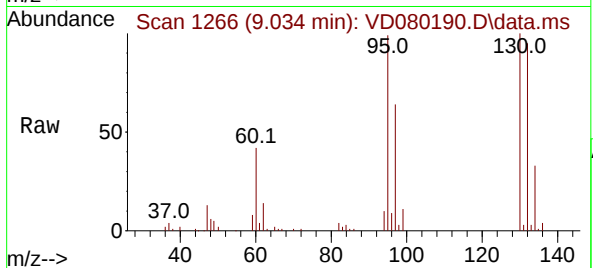
Ion Ratio Lower Upper

95 100

97 65.1 45.6 84.6

132 96.0 67.2 124.8

130 101.4 71.0 131.8



#35

Methylcyclohexane

Concen: 27.129 ug/L

RT: 9.281 min Scan# 1308

Delta R.T. 0.000 min

Lab File: VD080190.D

Acq: 09 Jan 2025 11:29

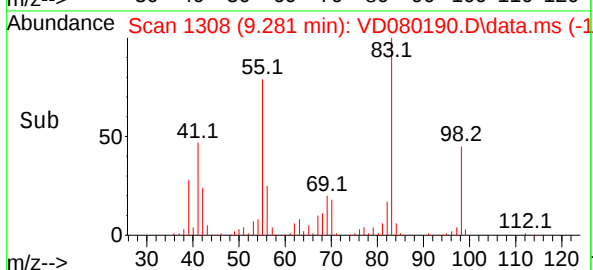
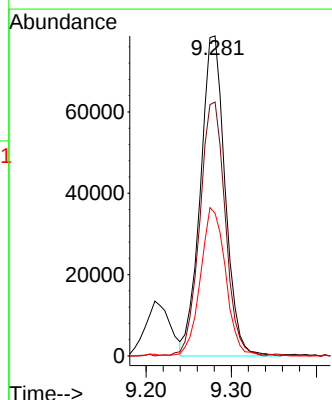
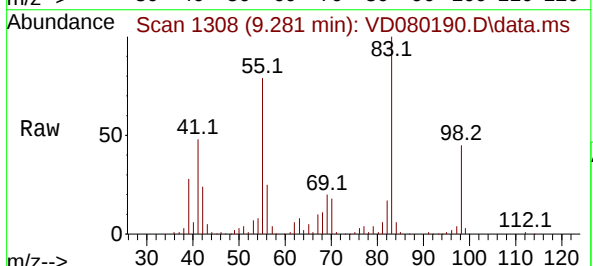
Tgt Ion: 83 Resp: 158411

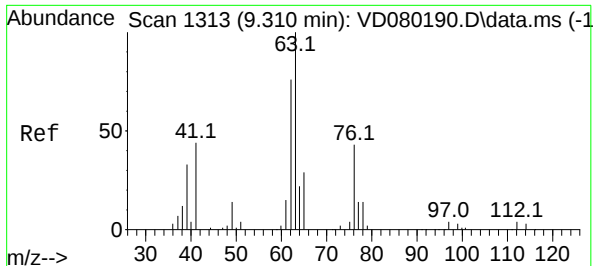
Ion Ratio Lower Upper

83 100

55 82.0 65.6 98.4

98 47.1 37.7 56.5

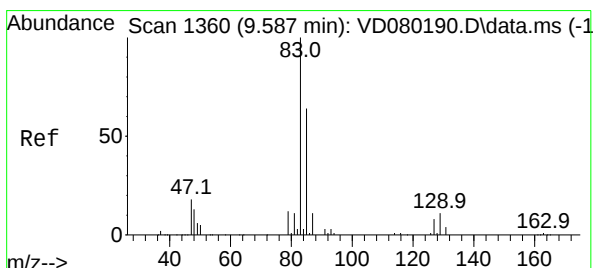
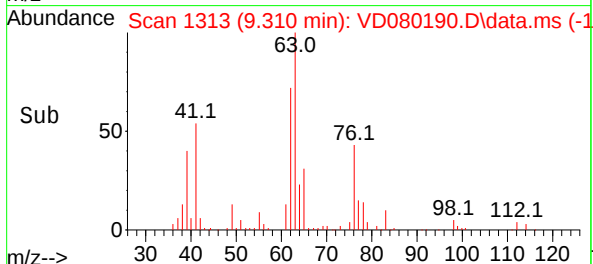
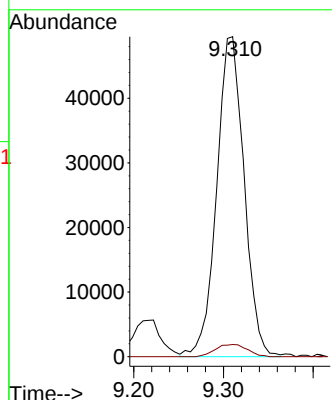
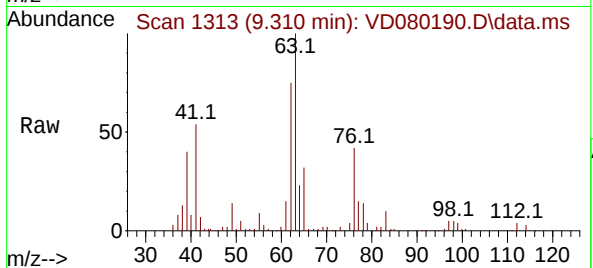




#37
1,2-Dichloropropane
Concen: 25.432 ug/L
RT: 9.310 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

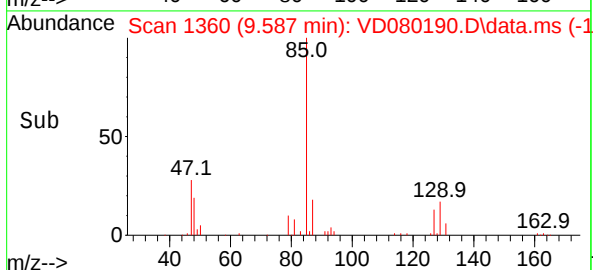
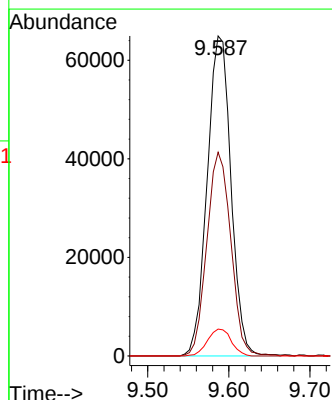
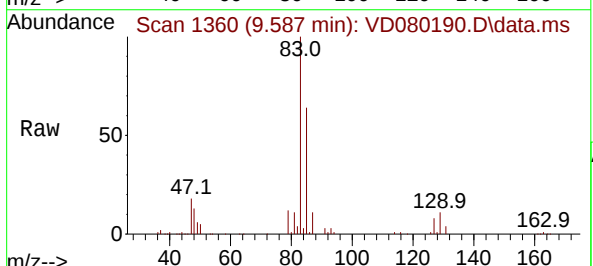
Instrument :
MSVOA_D
ClientSampleId :

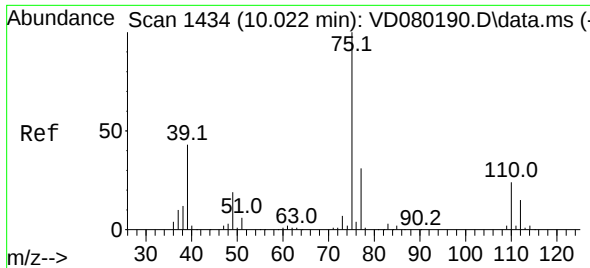
Tgt Ion: 63 Resp: 105055
Ion Ratio Lower Upper
63 100
112 4.5 3.6 5.4



#38
Bromodichloromethane
Concen: 25.546 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

Tgt Ion: 83 Resp: 132302
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8
127 8.4 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 25.866 ug/L

RT: 10.022 min Scan# 1434

Delta R.T. 0.000 min

Lab File: VD080190.D

Acq: 09 Jan 2025 11:29

Instrument :

MSVOA_D

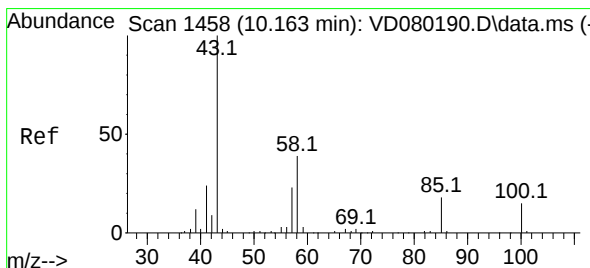
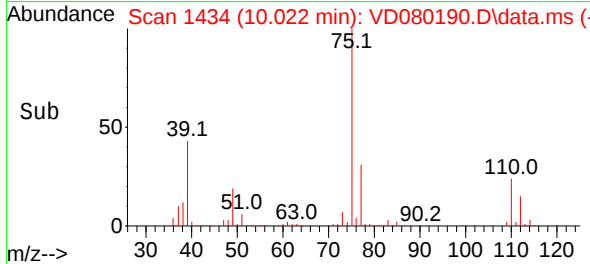
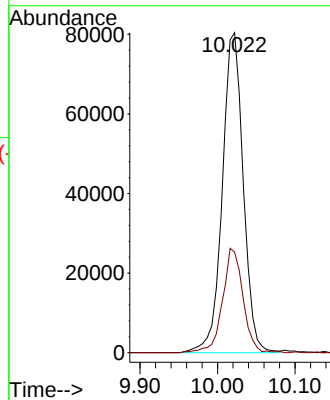
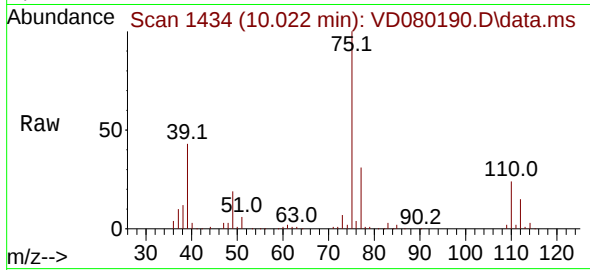
ClientSampleId :

Tgt Ion: 75 Resp: 151022

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 48.206 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VD080190.D

Acq: 09 Jan 2025 11:29

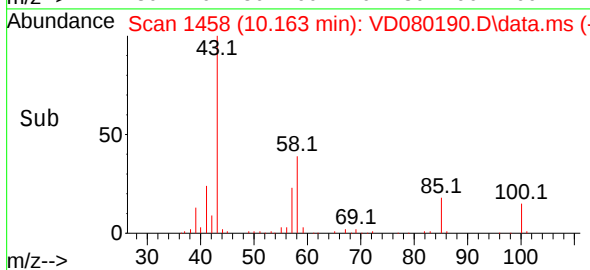
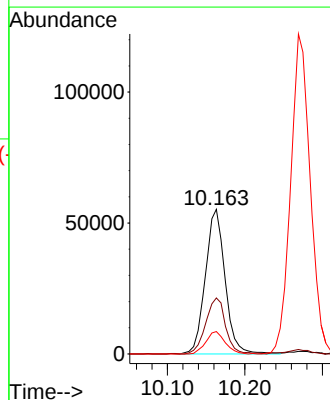
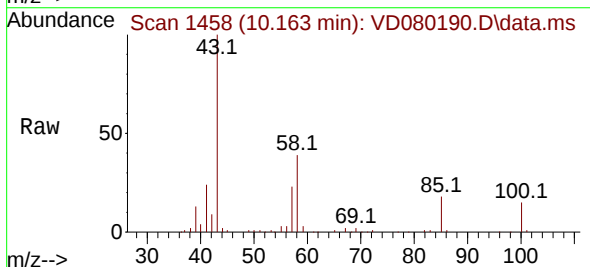
Tgt Ion: 43 Resp: 97750

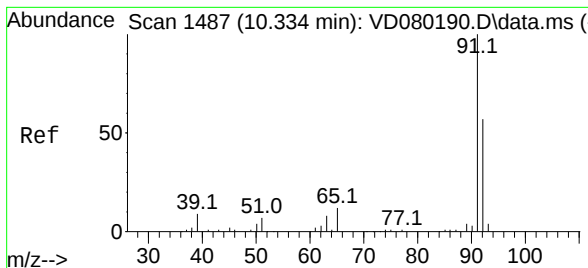
Ion Ratio Lower Upper

43 100

58 38.8 31.0 46.6

100 15.1 12.1 18.1





#42

Toluene

Concen: 27.172 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD080190.D

Acq: 09 Jan 2025 11:29

Instrument :

MSVOA_D

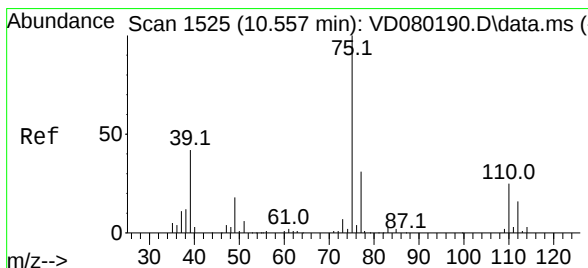
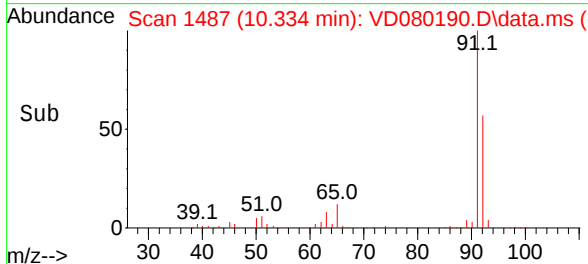
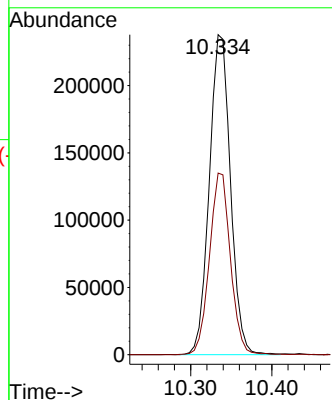
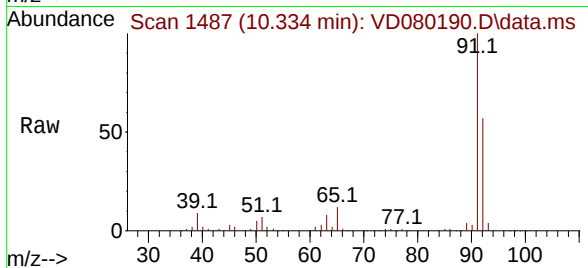
ClientSampleId :

Tgt Ion: 91 Resp: 430434

Ion Ratio Lower Upper

91 100

92 56.8 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 26.300 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD080190.D

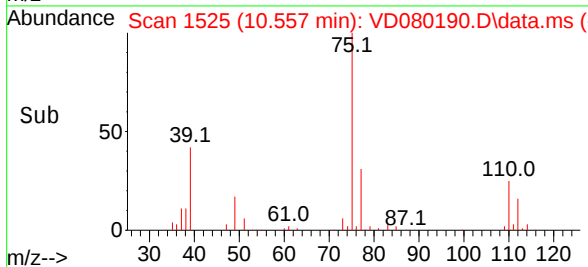
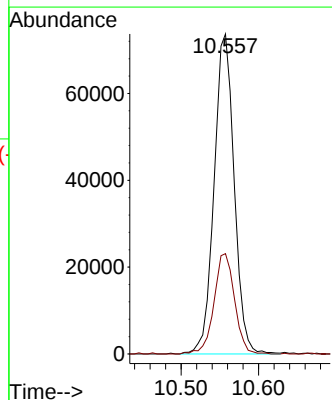
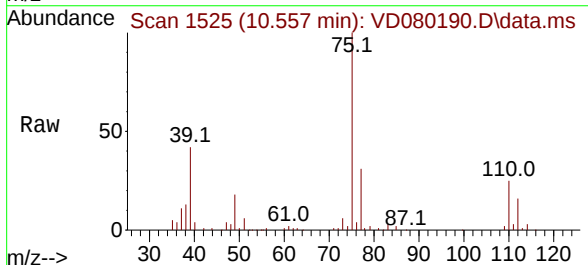
Acq: 09 Jan 2025 11:29

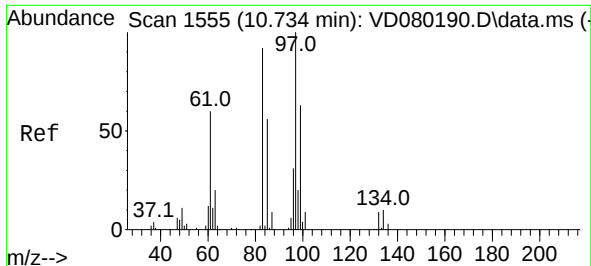
Tgt Ion: 75 Resp: 132608

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8

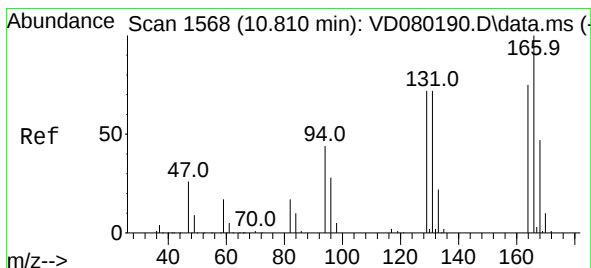
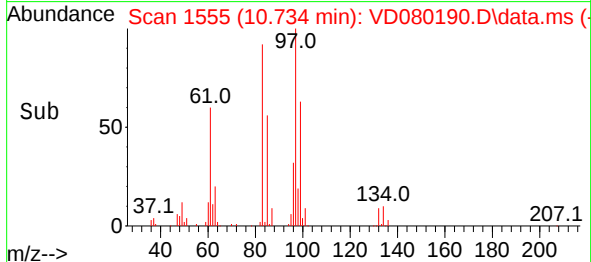
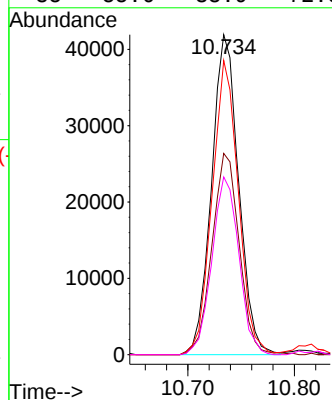
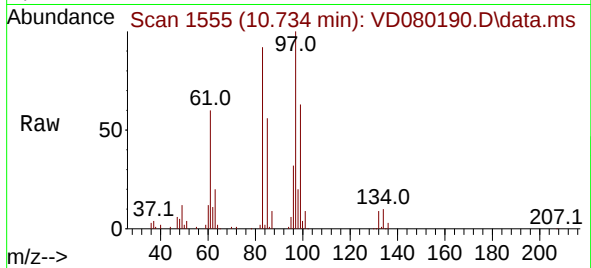




#45
1,1,2-Trichloroethane
Concen: 24.587 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

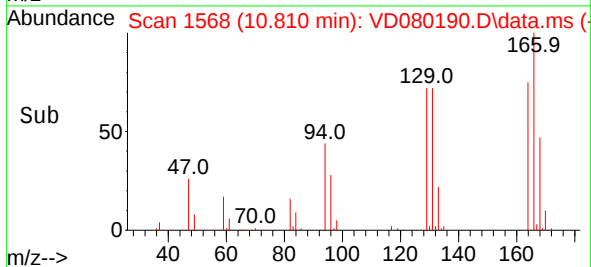
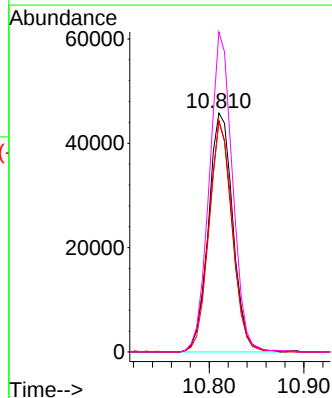
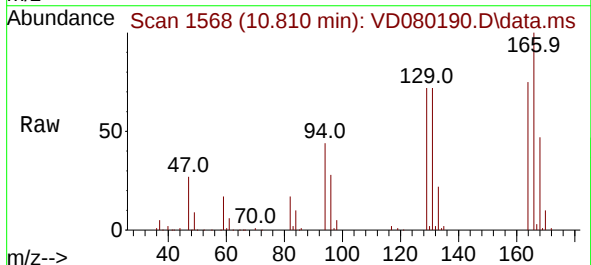
Instrument :
MSVOA_D
ClientSampleId :

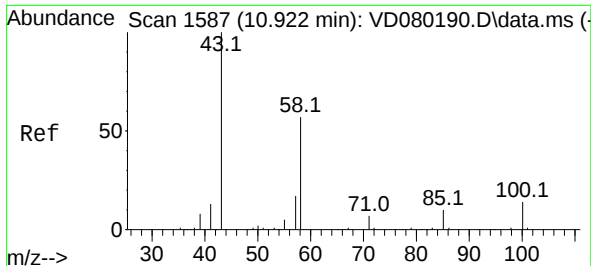
Tgt Ion: 97	Resp: 74156
Ion Ratio	Lower Upper
97 100	
99 62.9	44.0 81.8
83 92.0	64.4 119.6
85 55.6	38.9 72.3



#46
Tetrachloroethene
Concen: 25.973 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

Tgt	Ion:164	Resp:	82178
Ion	Ratio	Lower	Upper
164	100		
129	96.8	67.8	125.8
131	96.6	67.6	125.6
166	133.9	93.7	174.1

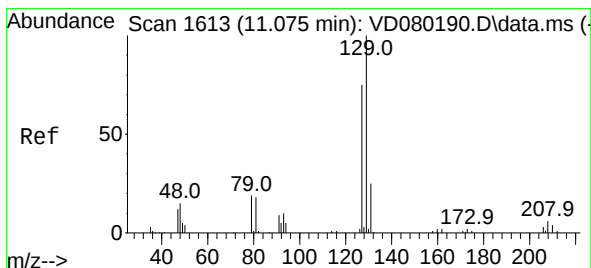
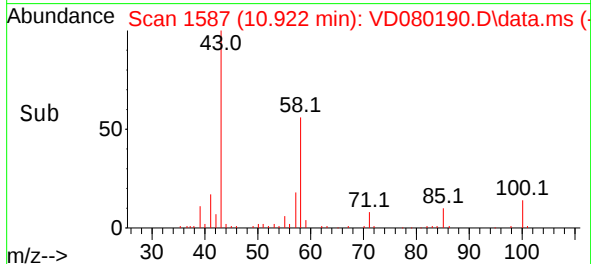
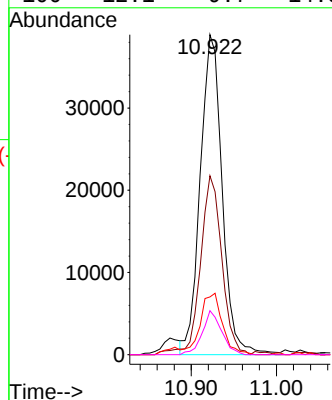
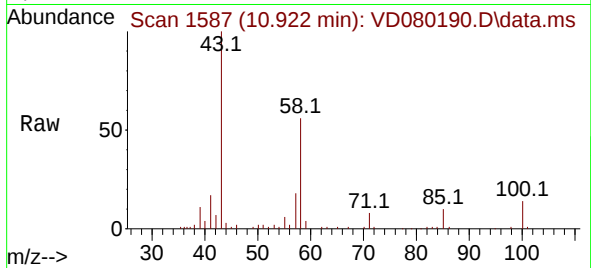




#48
2-Hexanone
Concen: 51.541 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

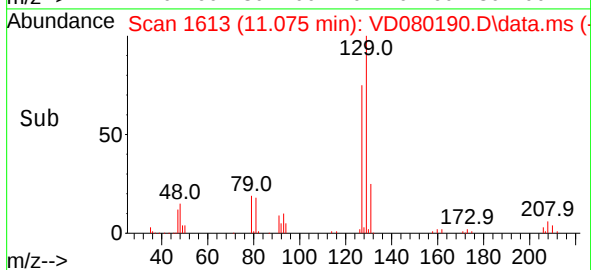
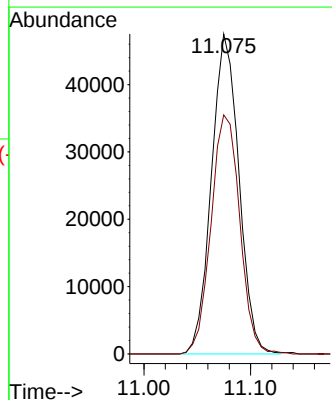
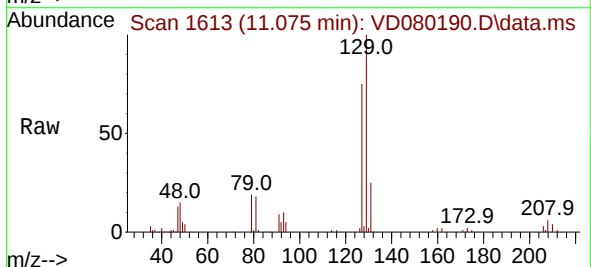
Instrument :
MSVOA_D
ClientSampleId :

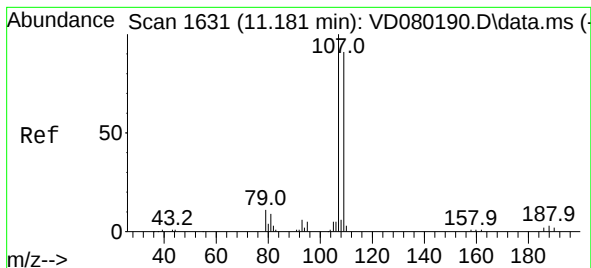
Tgt Ion: 43 Resp: 69647
Ion Ratio Lower Upper
43 100
58 53.1 42.5 63.7
57 19.4 15.5 23.3
100 12.1 9.7 14.5



#49
Dibromochloromethane
Concen: 25.340 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

Tgt Ion:129 Resp: 85115
Ion Ratio Lower Upper
129 100
127 74.7 52.3 97.1





#50

1,2-Dibromoethane

Concen: 25.280 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080190.D

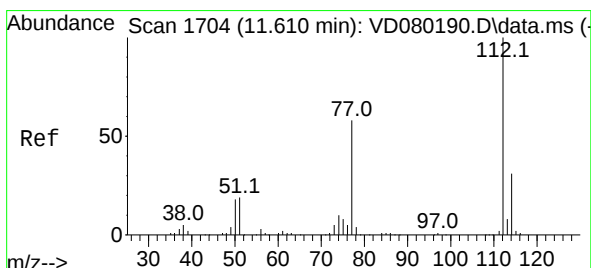
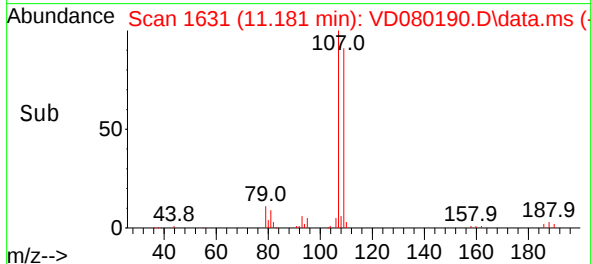
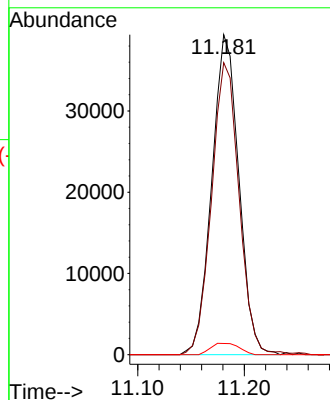
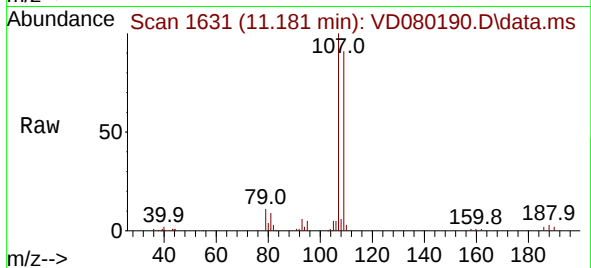
Acq: 09 Jan 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	69295
Ion	Ratio	Lower Upper
107	100	
109	91.2	63.8 118.6
188	3.5	2.8 4.2



#51

Chlorobenzene

Concen: 25.593 ug/L

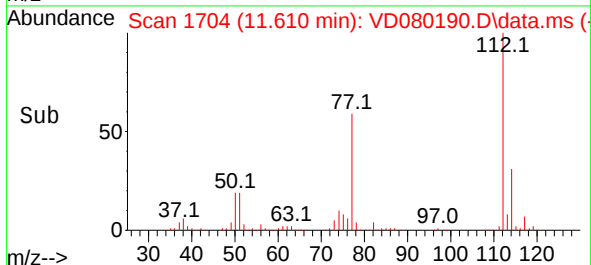
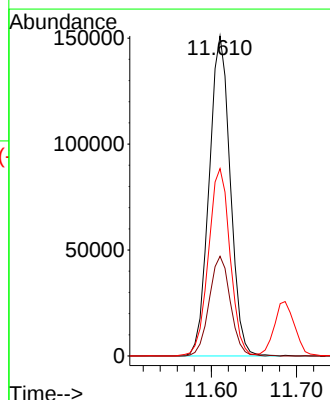
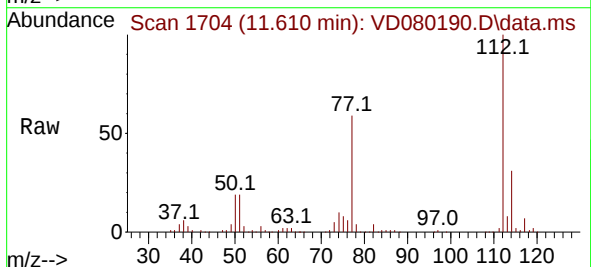
RT: 11.610 min Scan# 1704

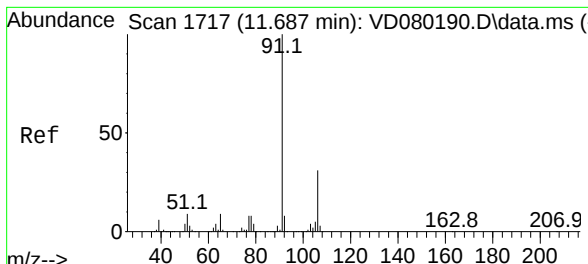
Delta R.T. 0.000 min

Lab File: VD080190.D

Acq: 09 Jan 2025 11:29

Tgt Ion:112	Resp:	259900
Ion	Ratio	Lower Upper
112	100	
114	31.2	21.8 40.6
77	58.5	46.8 70.2

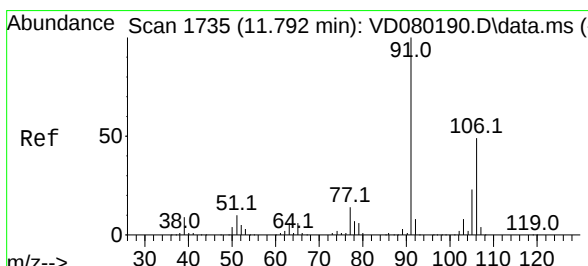
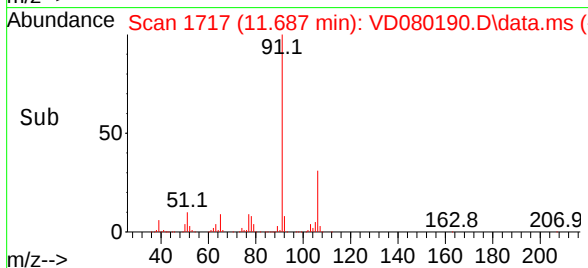
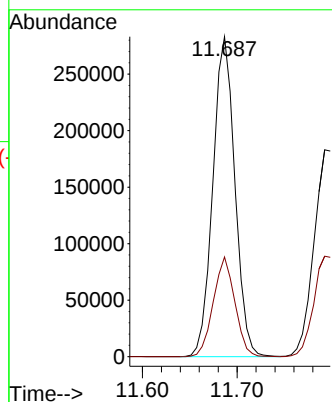
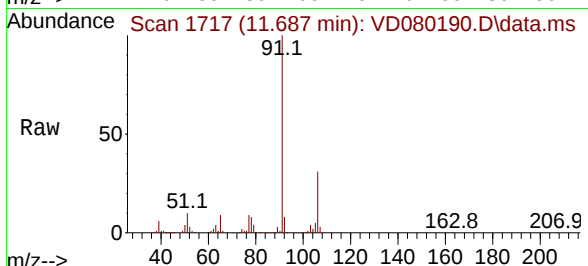




#52
Ethylbenzene
Concen: 26.899 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

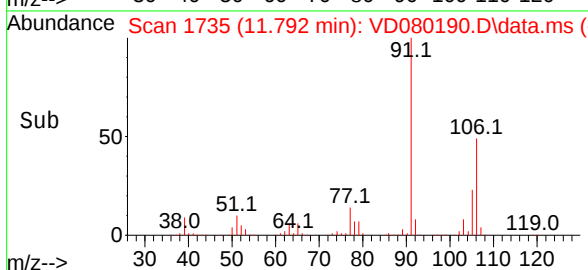
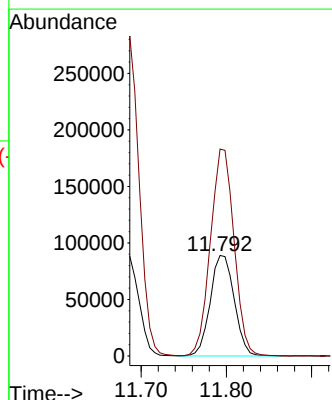
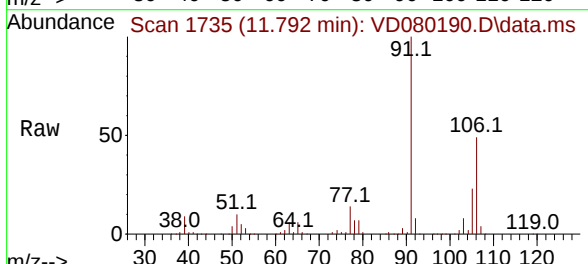
Instrument :
MSVOA_D
ClientSampleId :

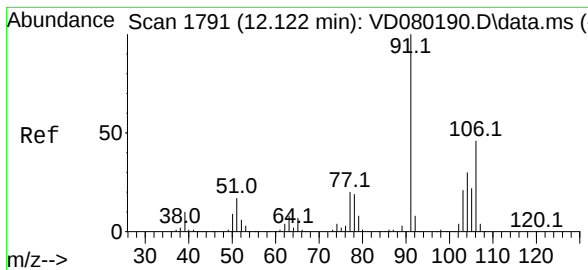
Tgt Ion: 91 Resp: 457227
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.6



#53
m,p-Xylene
Concen: 27.396 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

Tgt Ion: 106 Resp: 174033
Ion Ratio Lower Upper
106 100
91 205.9 144.1 267.7

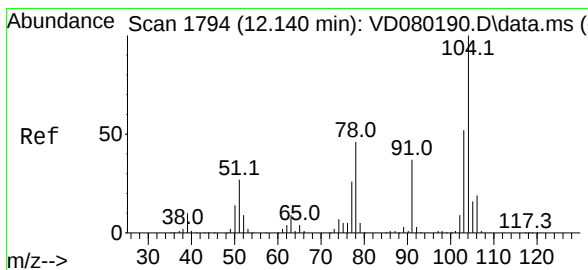
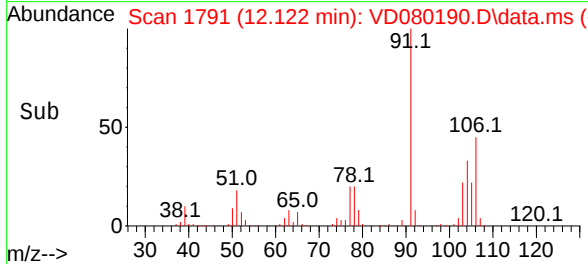
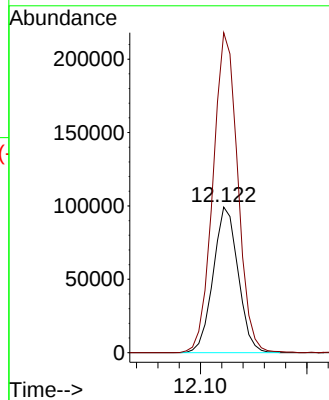
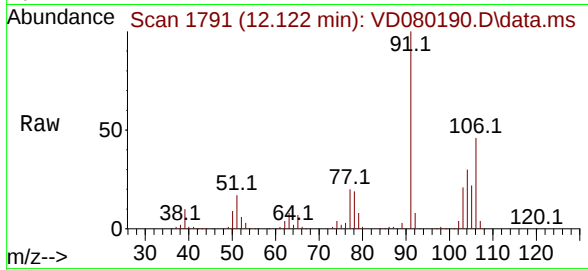




#54
o-Xylene
Concen: 27.140 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

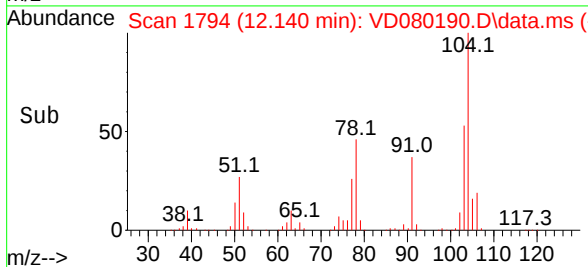
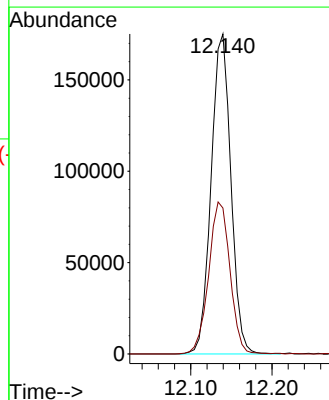
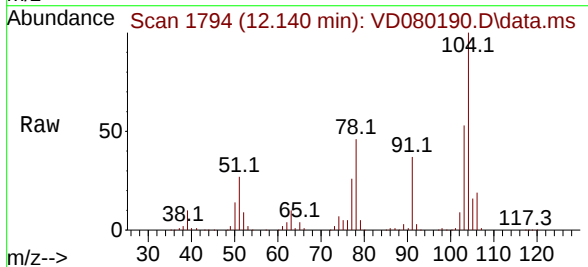
Instrument :
MSVOA_D
ClientSampleId :

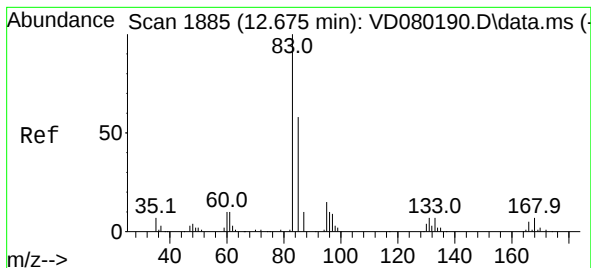
Tgt Ion:106 Resp: 161285
Ion Ratio Lower Upper
106 100
91 219.7 153.8 285.6



#55
Styrene
Concen: 27.526 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

Tgt Ion:104 Resp: 296266
Ion Ratio Lower Upper
104 100
78 45.6 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 25.388 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD080190.D

Acq: 09 Jan 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

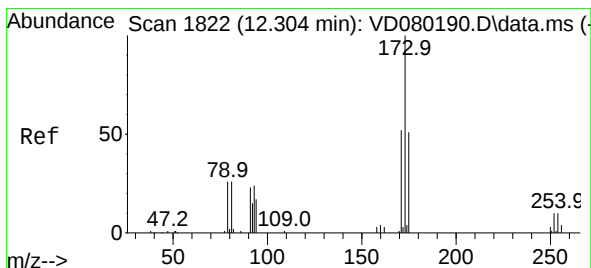
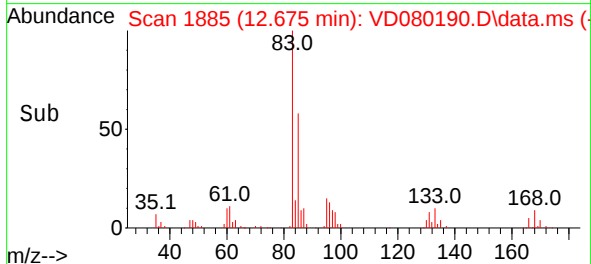
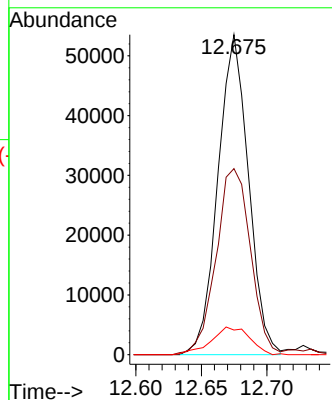
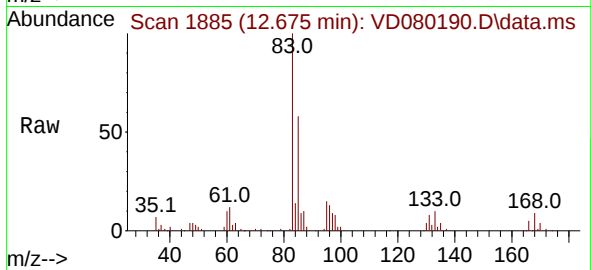
Tgt Ion: 83 Resp: 86802

Ion Ratio Lower Upper

83 100

85 58.1 40.7 75.5

131 7.7 6.2 9.2



#59

Bromoform

Concen: 24.208 ug/L

RT: 12.304 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VD080190.D

Acq: 09 Jan 2025 11:29

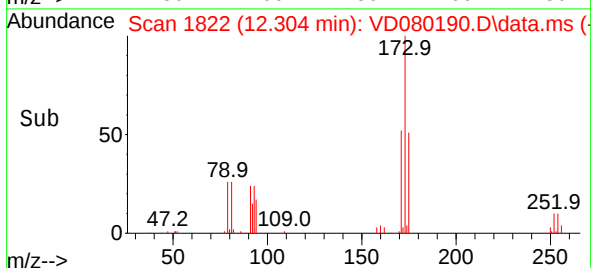
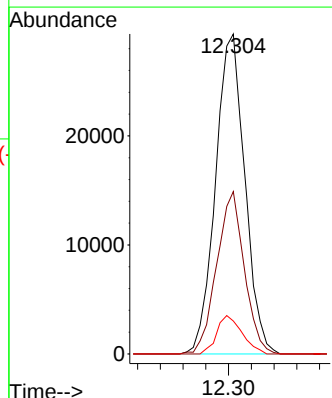
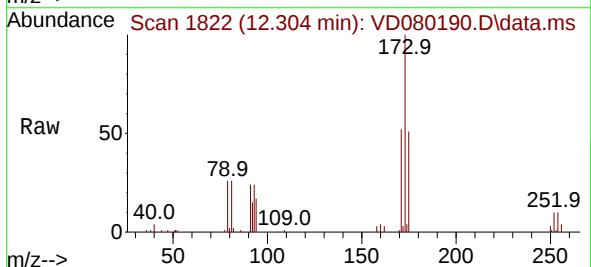
Tgt Ion:173 Resp: 52511

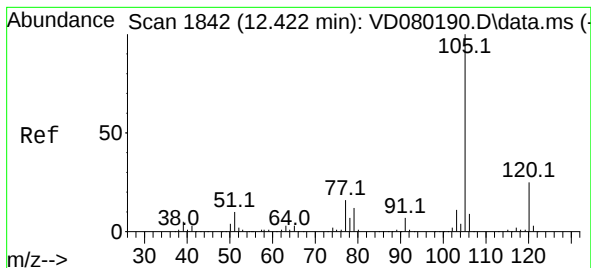
Ion Ratio Lower Upper

173 100

175 47.8 38.2 57.4

254 10.4 8.3 12.5





#60

Isopropylbenzene

Concen: 26.350 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD080190.D

Acq: 09 Jan 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

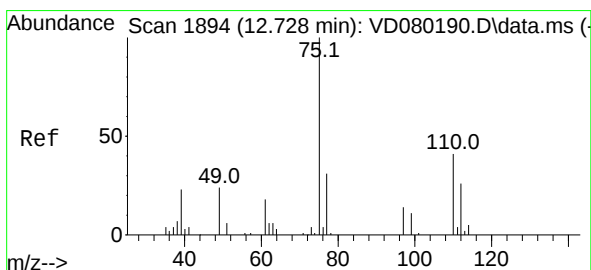
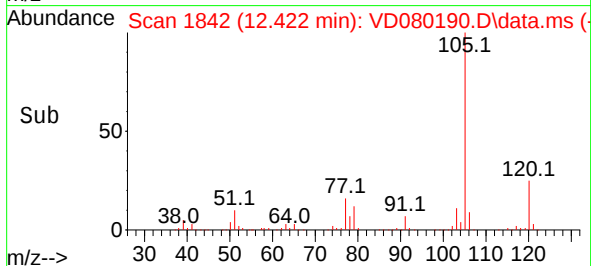
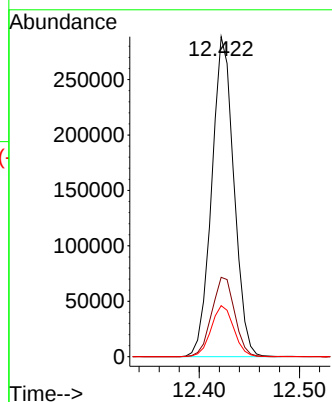
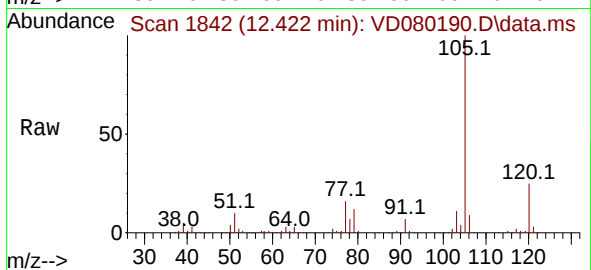
Tgt Ion:105 Resp: 444279

Ion Ratio Lower Upper

105 100

120 25.7 20.6 30.8

77 16.3 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 23.117 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD080190.D

Acq: 09 Jan 2025 11:29

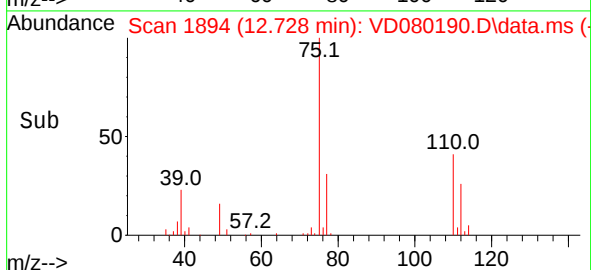
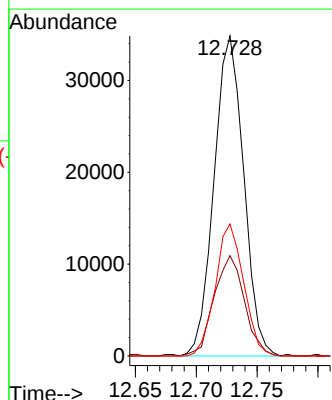
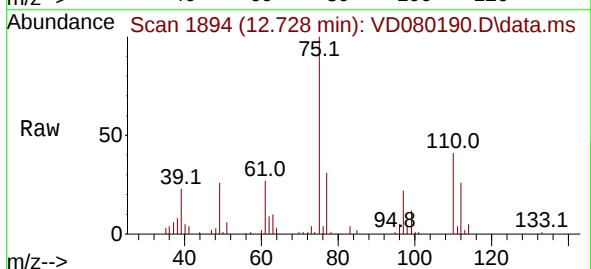
Tgt Ion: 75 Resp: 59096

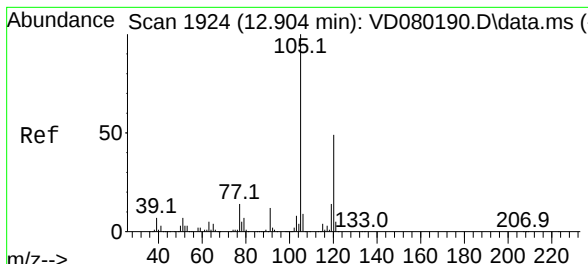
Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

110 39.4 31.5 47.3



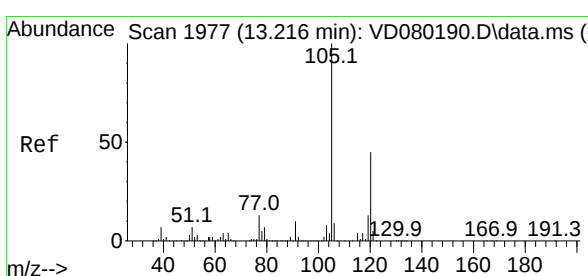
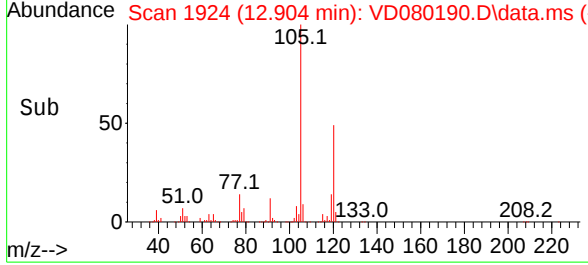
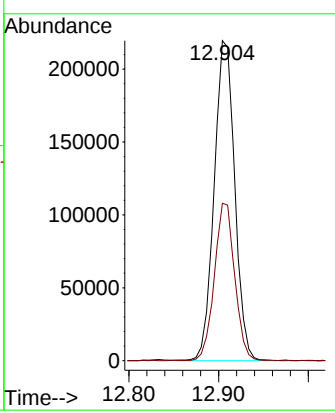
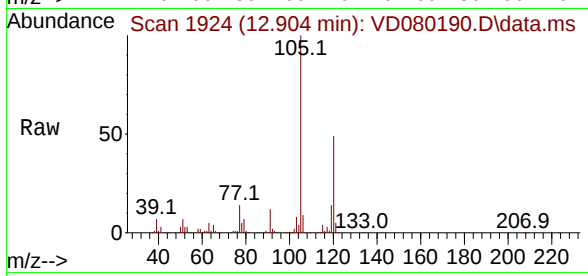


#62
 1,3,5-Trimethylbenzene
 Concen: 26.020 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD080190.D
 Acq: 09 Jan 2025 11:29

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:105 Resp: 349614

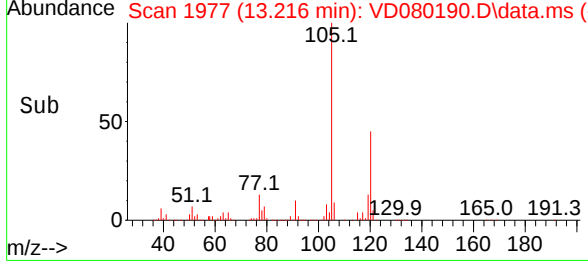
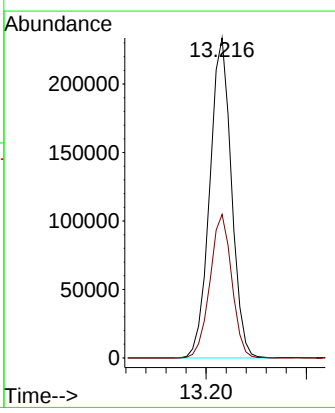
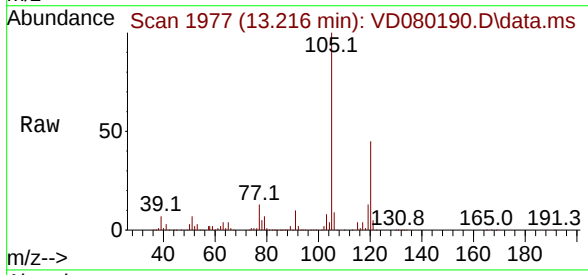
Ion	Ratio	Lower	Upper
105	100		
120	48.6	38.9	58.3

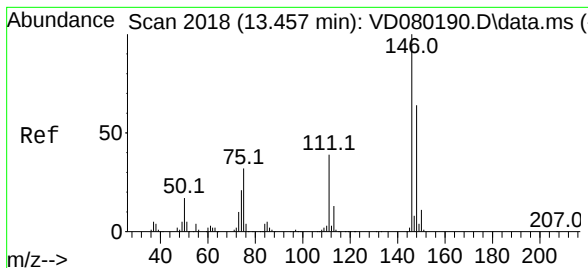


#63
 1,2,4-Trimethylbenzene
 Concen: 26.662 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: VD080190.D
 Acq: 09 Jan 2025 11:29

Tgt Ion:105 Resp: 349468

Ion	Ratio	Lower	Upper
105	100		
120	45.1	36.1	54.1





#64

1,3-Dichlorobenzene

Concen: 24.717 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD080190.D

Acq: 09 Jan 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

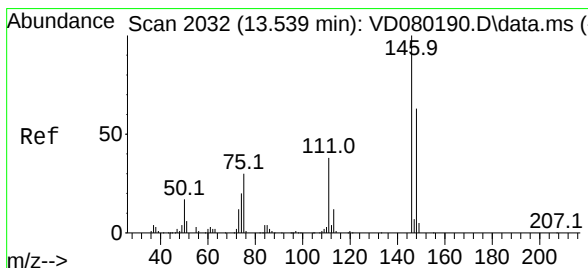
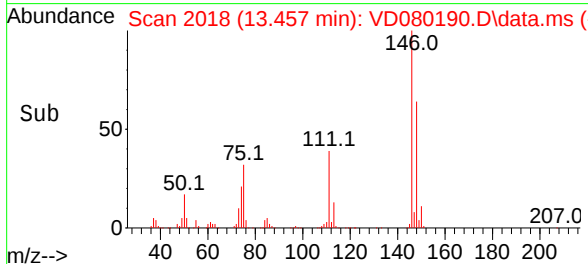
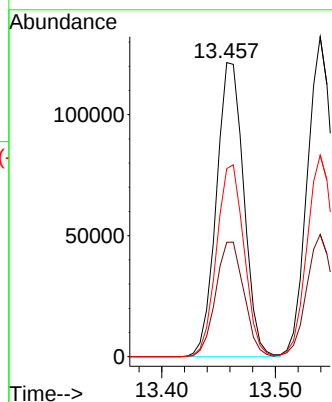
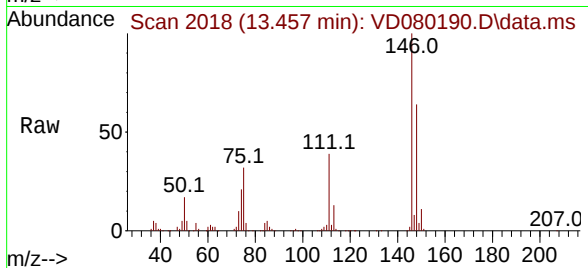
Tgt Ion:146 Resp: 203853

Ion Ratio Lower Upper

146 100

111 38.9 27.2 50.6

148 64.0 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 24.854 ug/L

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD080190.D

Acq: 09 Jan 2025 11:29

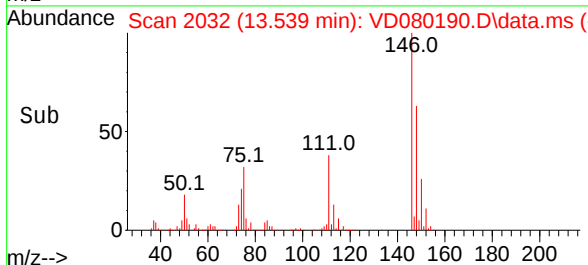
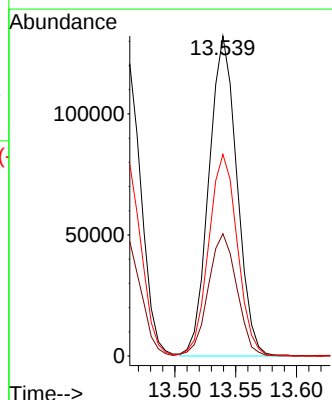
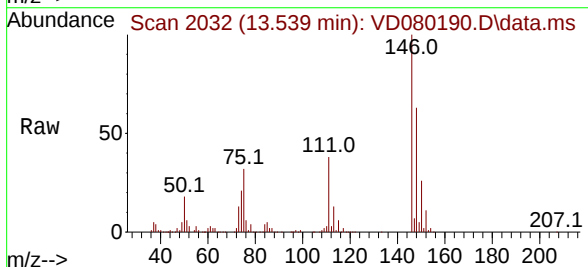
Tgt Ion:146 Resp: 211653

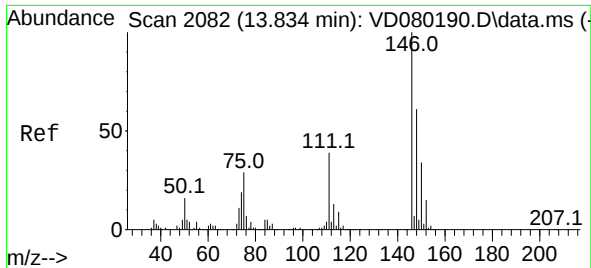
Ion Ratio Lower Upper

146 100

111 38.2 26.7 49.7

148 63.0 44.1 81.9

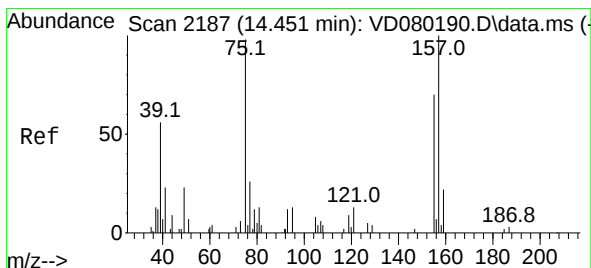
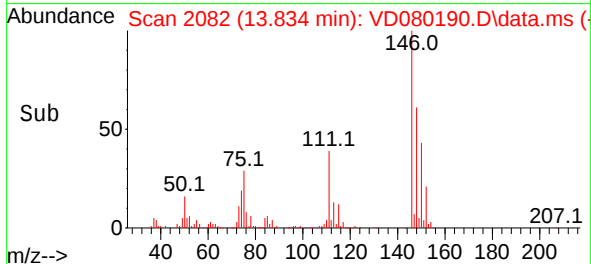
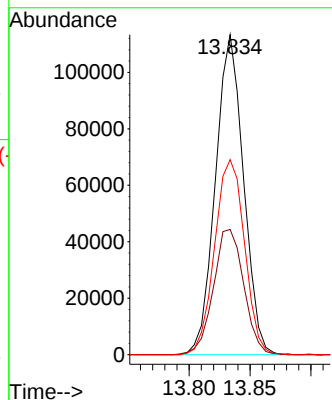
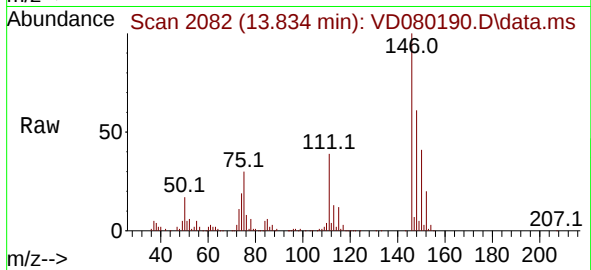




#67
1,2-Dichlorobenzene
Concen: 24.617 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

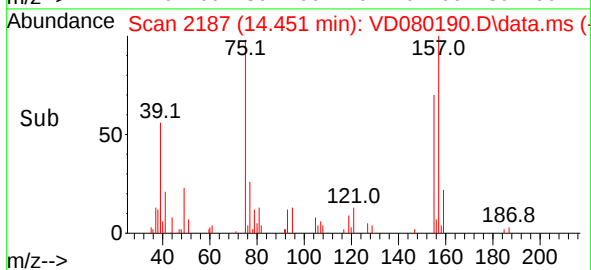
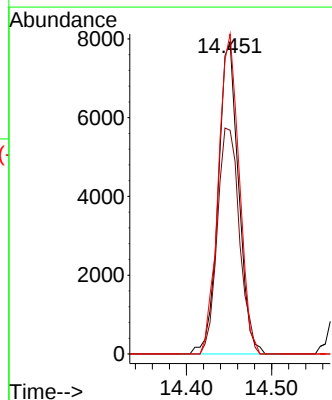
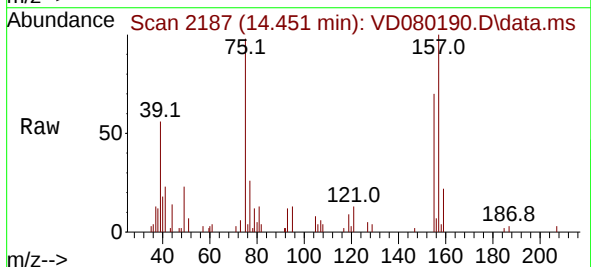
Instrument :
MSVOA_D
ClientSampleId :

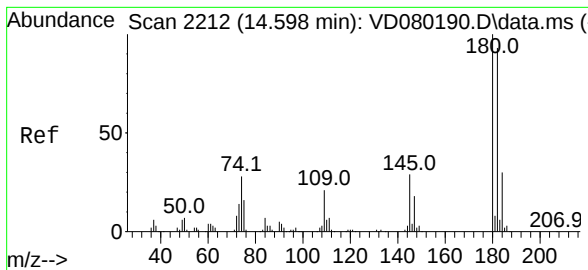
Tgt Ion:146 Resp: 181861
Ion Ratio Lower Upper
146 100
111 39.2 31.4 47.0
148 61.0 48.8 73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 23.520 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

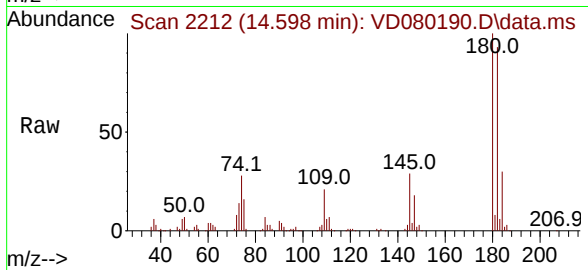
Tgt Ion: 75 Resp: 13134
Ion Ratio Lower Upper
75 100
155 71.6 57.3 85.9
157 102.5 82.0 123.0



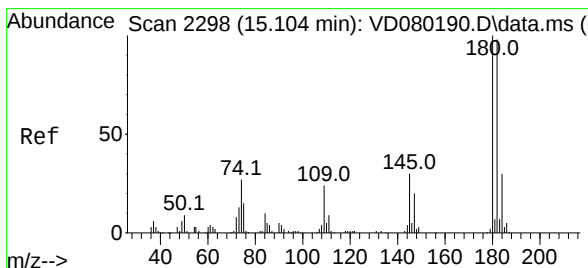
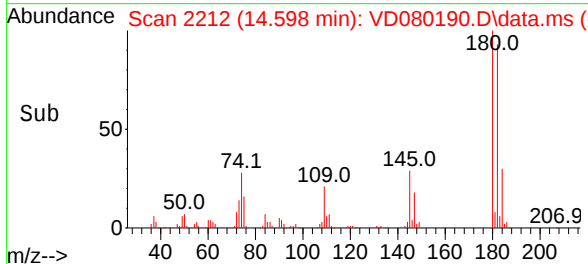
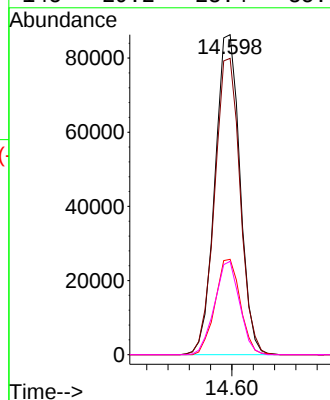


#69
 1,3,5-Trichlorobenzene
 Concen: 25.061 ug/L
 RT: 14.598 min Scan# 2212
 Delta R.T. 0.000 min
 Lab File: VD080190.D
 Acq: 09 Jan 2025 11:29

Instrument :
 MSVOA_D
 ClientSampleId :

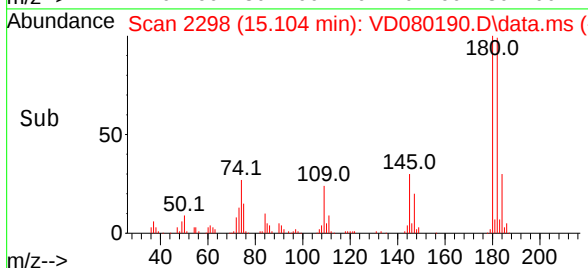
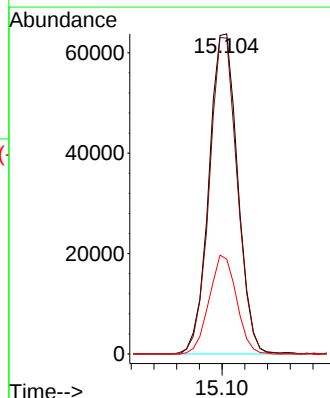
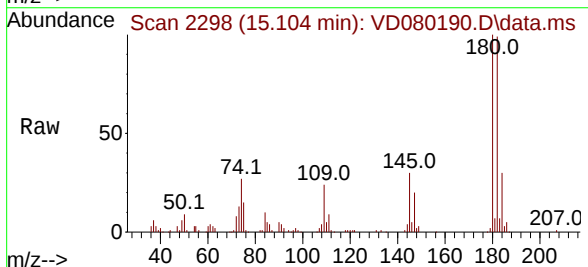


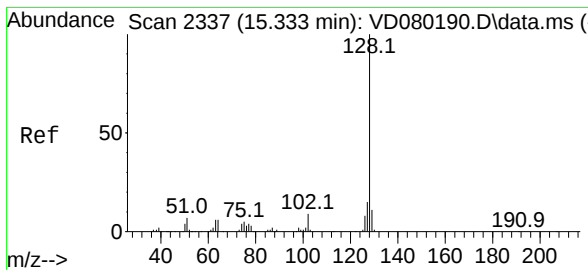
Tgt Ion:180 Resp: 140552
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.4 113.0
 184 30.0 24.0 36.0
 145 29.2 23.4 35.0



#70
 1,2,4-trichlorobenzene
 Concen: 24.418 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD080190.D
 Acq: 09 Jan 2025 11:29

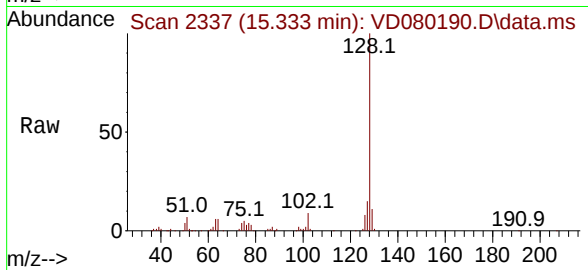
Tgt Ion:180 Resp: 111752
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.9 115.3
 145 29.4 23.5 35.3



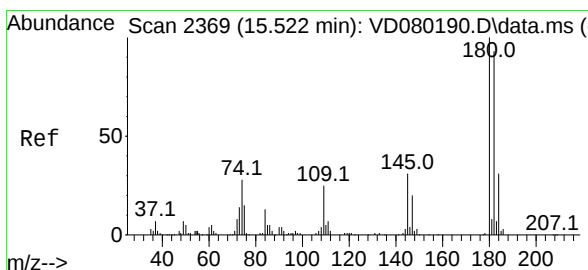
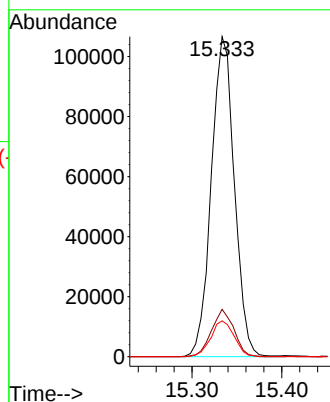
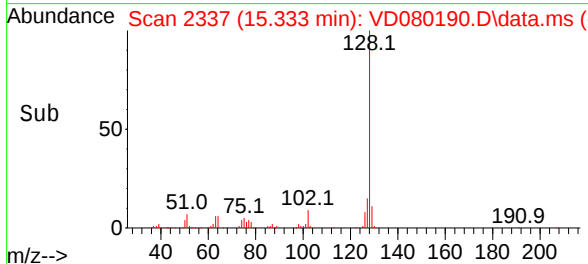


#71
Naphthalene
Concen: 23.617 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29

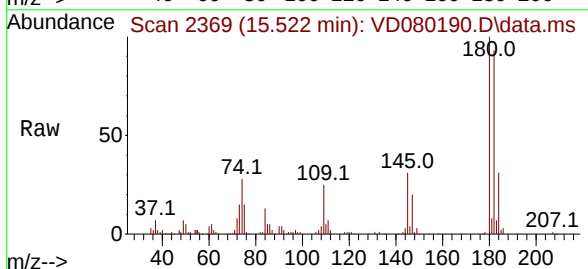
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 190177
Ion Ratio Lower Upper
128 100
127 14.4 11.5 17.3
129 11.3 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 24.813 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD080190.D
Acq: 09 Jan 2025 11:29



Tgt Ion:180 Resp: 105472
Ion Ratio Lower Upper
180 100
182 93.5 74.8 112.2
145 30.3 24.2 36.4

