

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
 Data File : VD080193.D
 Acq On : 09 Jan 2025 13:16
 Operator : RP/MD
 Sample : VSTD2.5
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 09 19:49:50 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	245657	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	229889	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	107636	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	20034	2.781	ug/L	0.00
7) Chloroethane-d5	2.811	69	16172	2.762	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	5028	2.887	ug/L	0.00
21) 2-Butanone-d5	6.993	46	2157	2.652	ug/L	0.00
24) Chloroform-d	7.575	84	21109	2.738	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	11327	2.805	ug/L	0.00
32) Benzene-d6	8.204	84	40538	2.731	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	14016	2.853	ug/L	0.00
41) Toluene-d8	10.275	98	33494	2.476	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	5956	2.968	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	2837	4.634	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	10226	2.778	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	11448	2.829	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	15211	3.120	ug/L	94
3) Chloromethane	2.152	50	19918	2.997	ug/L	91
5) Vinyl chloride	2.287	62	22636	2.775	ug/L	97
6) Bromomethane	2.699	94	12866	2.709	ug/L	95
8) Chloroethane	2.840	64	13848	2.768	ug/L	98
9) Trichlorofluoromethane	3.175	101	18711	2.761	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	10469	2.708	ug/L	90
12) 1,1-Dichloroethene	3.946	96	9163	2.655	ug/L	81
13) Acetone	4.040	43	4377	6.639	ug/L	92
14) Carbon disulfide	4.275	76	34426	2.676	ug/L	96
15) Methyl Acetate	4.563	43	1749	1.079	ug/L #	56
16) Methylene chloride	4.811	84	11865	2.845	ug/L	89
17) trans-1,2-Dichloroethene	5.316	96	9557	2.531	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	9799	1.370	ug/L #	87
19) 1,1-Dichloroethane	6.122	63	19416	2.679	ug/L	97
20) cis-1,2-Dichloroethene	7.087	96	9611	2.434	ug/L	96
22) 2-Butanone	7.087	43	2866	3.054	ug/L	85
23) Bromochloromethane	7.434	128	4424	2.312	ug/L	93
25) Chloroform	7.599	83	21882	2.724	ug/L	98
27) 1,2-Dichloroethane	8.328	62	12526	2.673	ug/L	100
29) Cyclohexane	7.887	56	13060	2.258	ug/L	97
30) 1,1,1-Trichloroethane	7.799	97	15694	2.577	ug/L	95
31) Carbon tetrachloride	7.999	117	14251	2.651	ug/L	98
33) Benzene	8.257	78	39392	2.520	ug/L	100
34) Trichloroethene	9.028	95	10387	2.566	ug/L	98
35) Methylcyclohexane	9.275	83	13616	2.262	ug/L	95
37) 1,2-Dichloropropane	9.310	63	11525	2.706	ug/L #	94
38) Bromodichloromethane	9.587	83	14198	2.659	ug/L #	97
39) cis-1,3-Dichloropropene	10.016	75	14267	2.370	ug/L	95
40) 4-Methyl-2-pentanone	10.163	43	11056	5.288	ug/L #	92
42) Toluene	10.334	91	37398	2.290	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	12498	2.404	ug/L	96

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

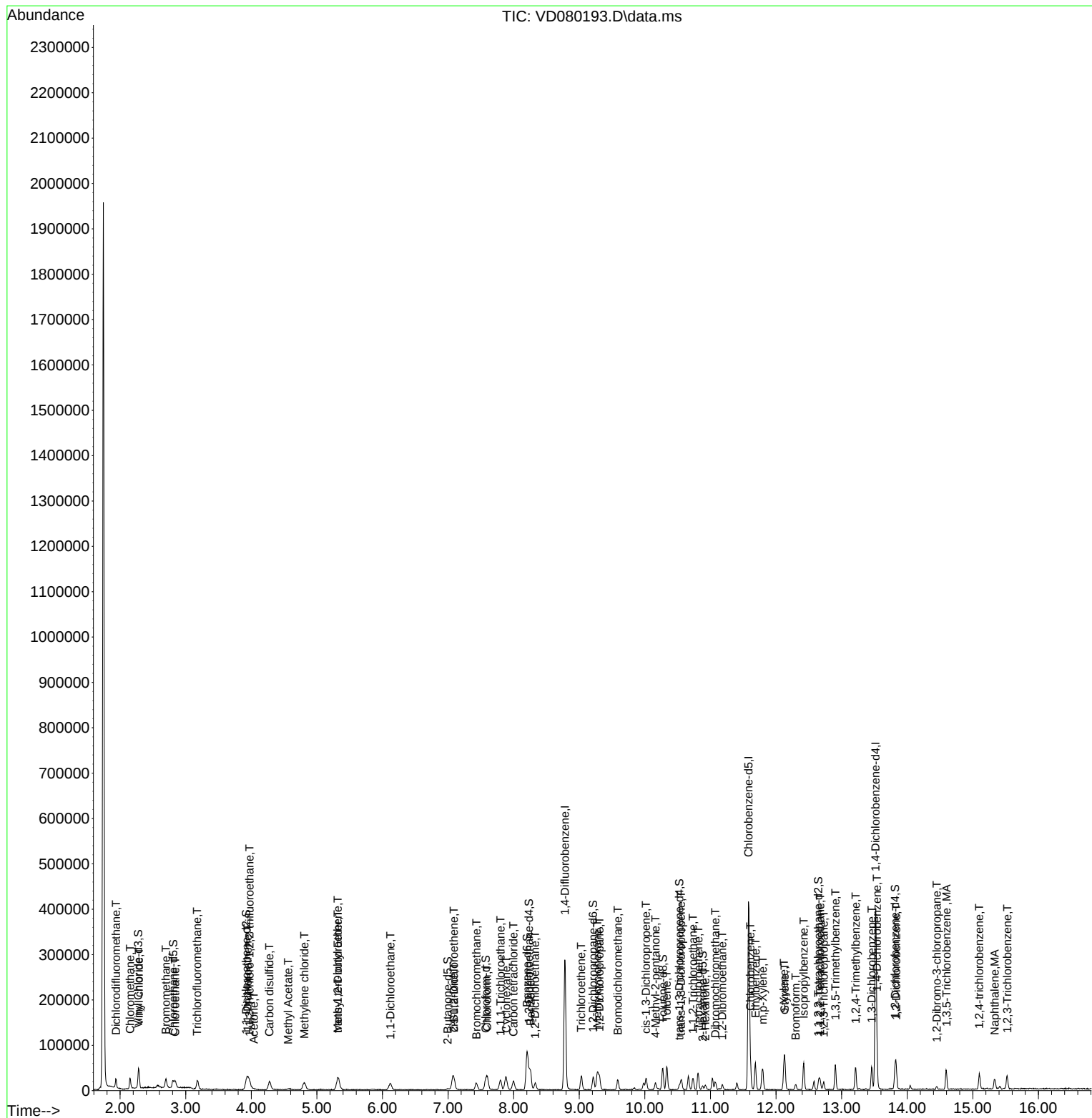
45) 1,1,2-Trichloroethane	10.734	97	8298	2.669	ug/L	94
46) Tetrachloroethene	10.816	164	8588	2.633	ug/L	81
48) 2-Hexanone	10.922	43	3817	2.740	ug/L #	64
49) Dibromochloromethane	11.075	129	9023	2.605	ug/L	96
50) 1,2-Dibromoethane	11.181	107	7190	2.544	ug/L #	78
51) Chlorobenzene	11.610	112	27001	2.579	ug/L	97
52) Ethylbenzene	11.687	91	39655	2.263	ug/L	99
53) m,p-Xylene	11.798	106	14520	2.217	ug/L	87
54) o-Xylene	12.122	106	12743	2.080	ug/L	83
55) Styrene	12.134	104	24049	2.167	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.675	83	9201	2.610	ug/L #	90
59) Bromoform	12.298	173	5251	2.719	ug/L #	98
60) Isopropylbenzene	12.422	105	33908	2.259	ug/L	96
61) 1,2,3-Trichloropropane	12.728	75	6959	3.057	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	27184	2.272	ug/L	97
63) 1,2,4-Trimethylbenzene	13.216	105	25255	2.164	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	19727	2.686	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	20302	2.678	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	17286	2.628	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.451	75	1596	3.210	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.598	180	12414	2.486	ug/L	95
70) 1,2,4-trichlorobenzene	15.098	180	10663	2.617	ug/L	98
71) Naphthalene	15.333	128	18324	2.556	ug/L	97
72) 1,2,3-Trichlorobenzene	15.528	180	9905	2.617	ug/L	98

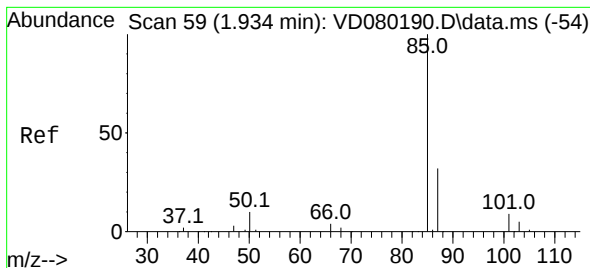
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#2

Dichlorodifluoromethane

Concen: 3.120 ug/L

RT: 1.940 min Scan# 60

Delta R.T. 0.006 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

Instrument :

MSVOA_D

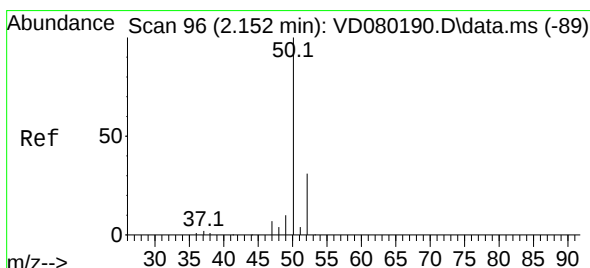
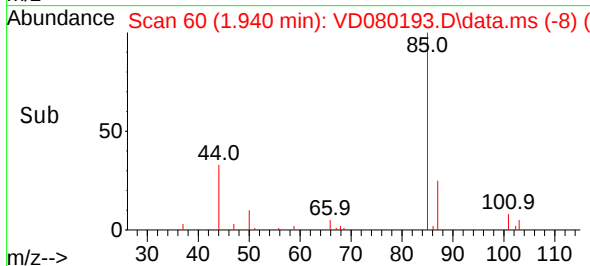
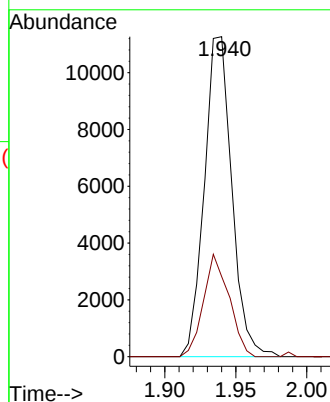
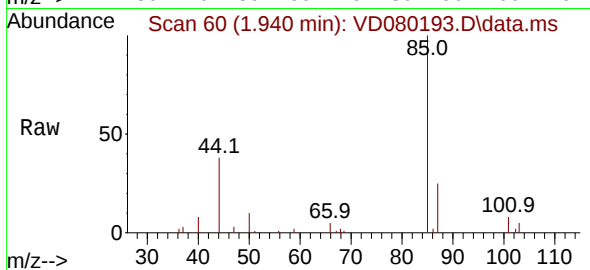
ClientSampleId :

Tgt Ion: 85 Resp: 15211

Ion Ratio Lower Upper

85 100

87 29.8 26.4 39.6



#3

Chloromethane

Concen: 2.997 ug/L

RT: 2.152 min Scan# 96

Delta R.T. 0.000 min

Lab File: VD080193.D

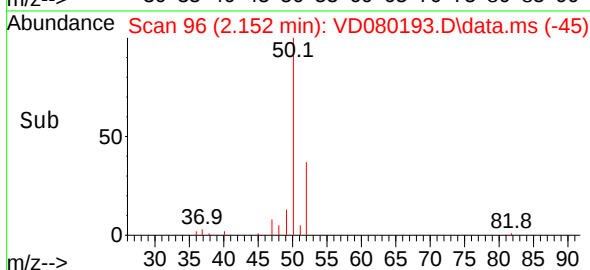
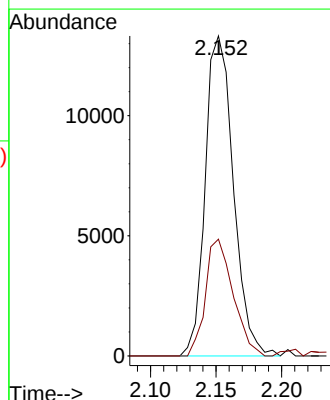
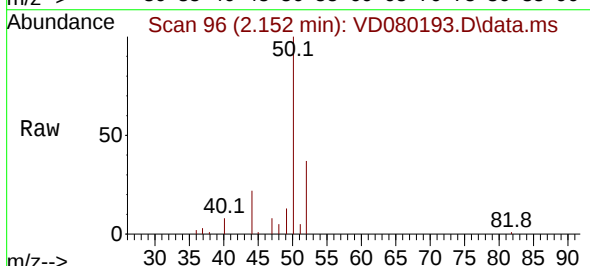
Acq: 09 Jan 2025 13:16

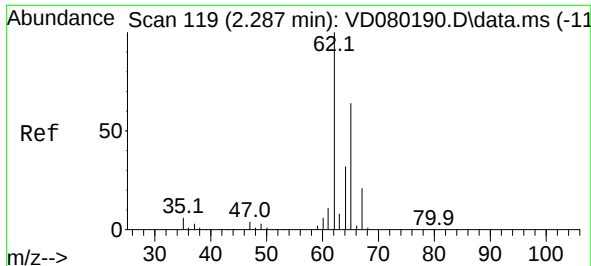
Tgt Ion: 50 Resp: 19918

Ion Ratio Lower Upper

50 100

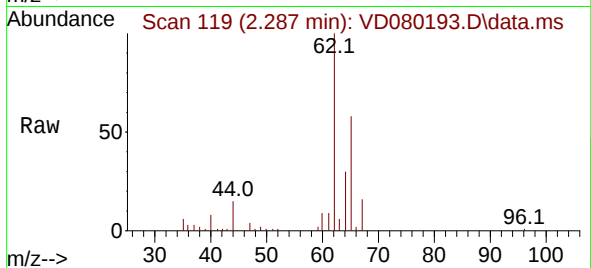
52 36.5 22.0 40.8



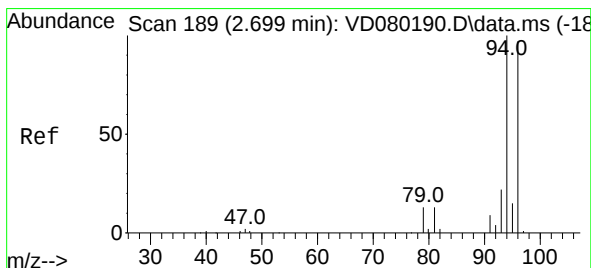
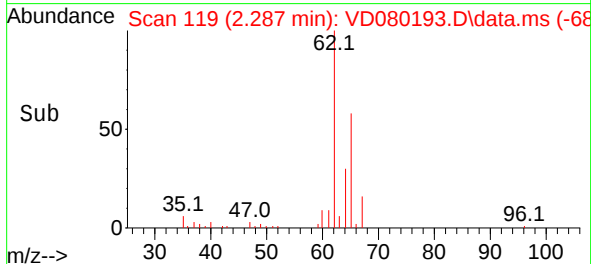
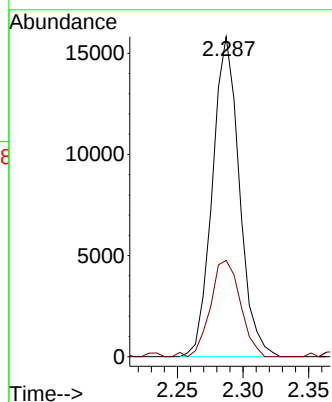


#5
 Vinyl chloride
 Concen: 2.775 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD080193.D
 Acq: 09 Jan 2025 13:16

Instrument :
 MSVOA_D
 ClientSampleId :

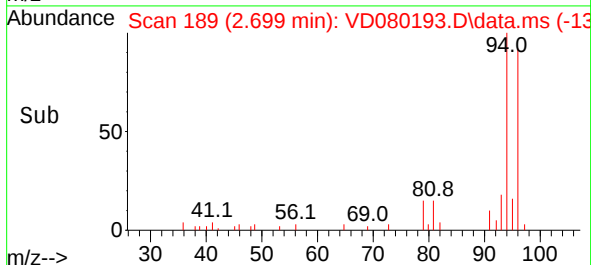
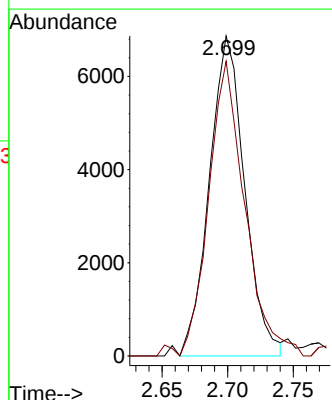
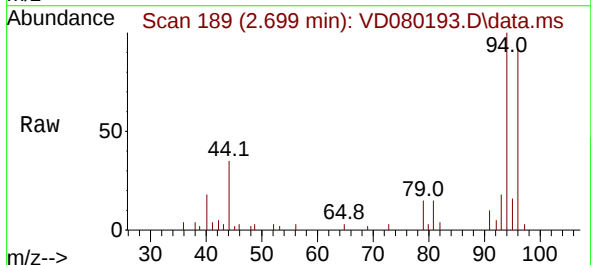


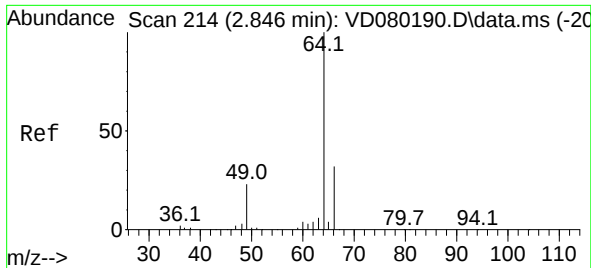
Tgt Ion: 62 Resp: 22636
 Ion Ratio Lower Upper
 62 100
 64 30.1 22.3 41.5



#6
 Bromomethane
 Concen: 2.709 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD080193.D
 Acq: 09 Jan 2025 13:16

Tgt Ion: 94 Resp: 12866
 Ion Ratio Lower Upper
 94 100
 96 92.1 67.7 125.7

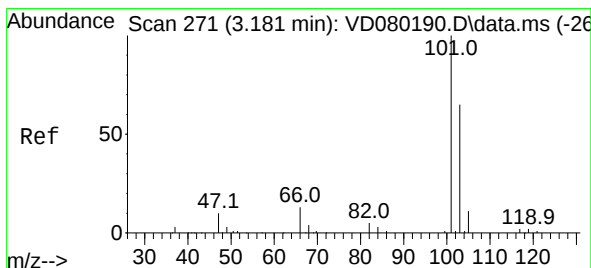
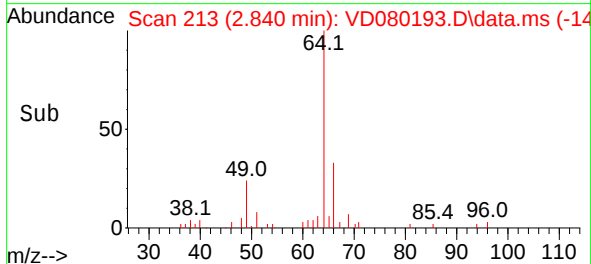
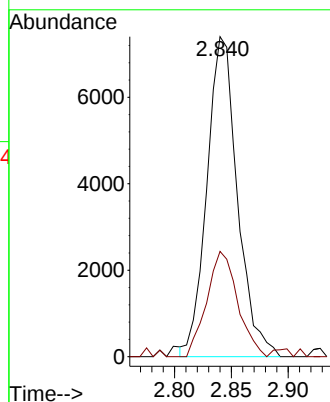
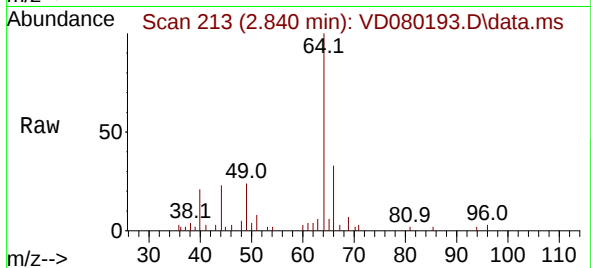




#8
Chloroethane
Concen: 2.768 ug/L
RT: 2.840 min Scan# 214
Delta R.T. -0.006 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16

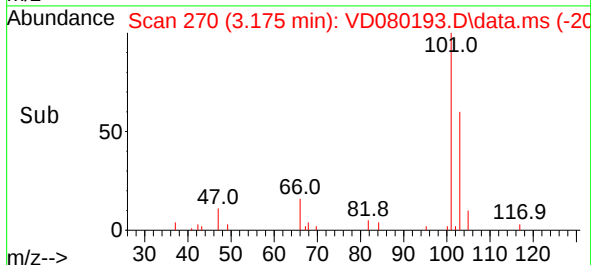
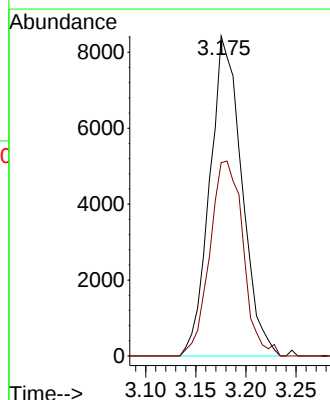
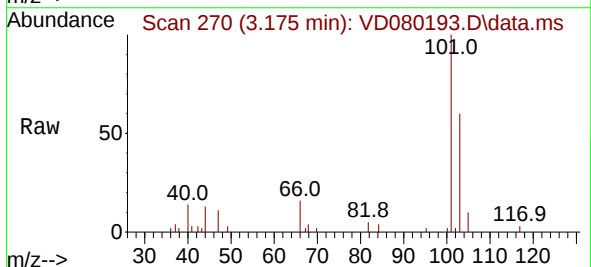
Instrument :
MSVOA_D
ClientSampleId :

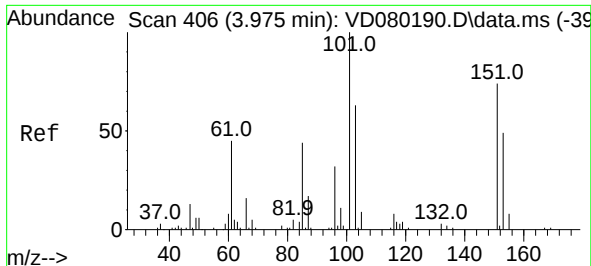
Tgt Ion: 64 Resp: 13848
Ion Ratio Lower Upper
64 100
66 32.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 2.761 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16

Tgt Ion:101 Resp: 18711
Ion Ratio Lower Upper
101 100
103 62.7 52.2 78.2





#10

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

Concen: 2.708 ug/L

RT: 3.975 min Scan# 406

Delta R.T. 0.000 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

Instrument :

MSVOA_D

ClientSampleId :

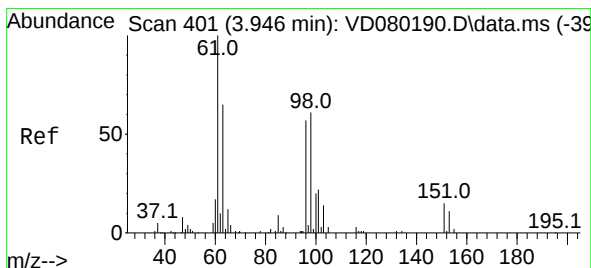
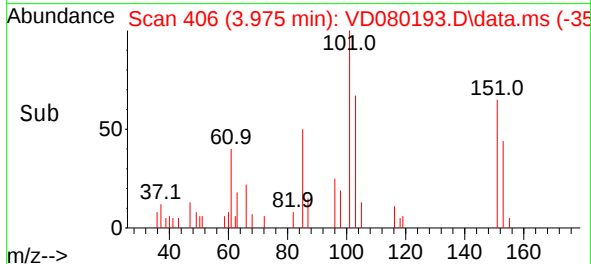
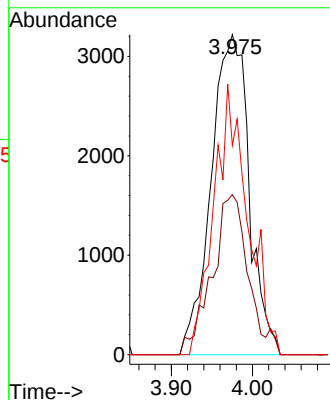
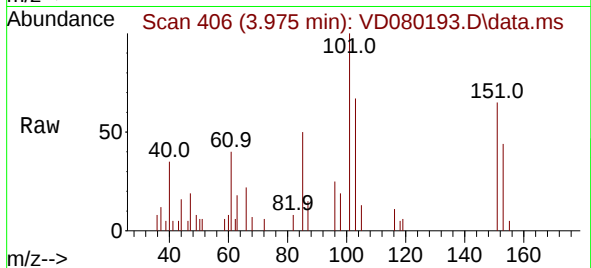
Tgt Ion:101 Resp: 10469

Ion Ratio Lower Upper

101 100

85 36.0 35.6 53.4

151 67.8 60.0 90.0



#12

1,1-Dichloroethene

Concen: 2.655 ug/L

RT: 3.946 min Scan# 401

Delta R.T. 0.000 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

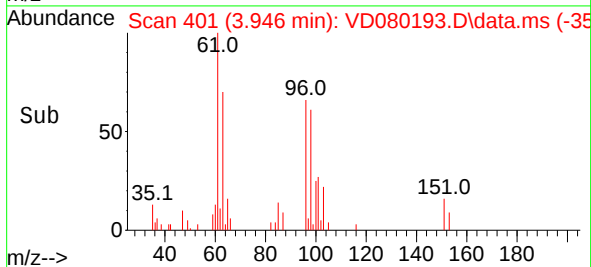
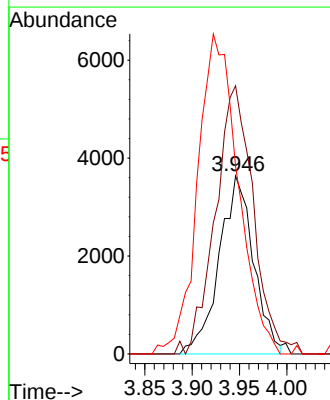
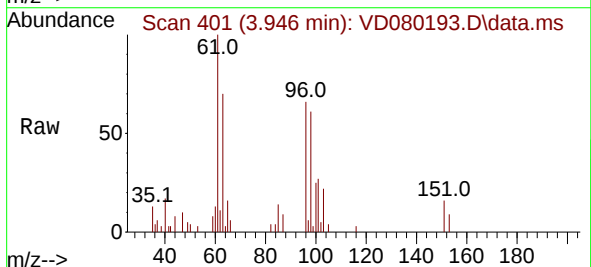
Tgt Ion: 96 Resp: 9163

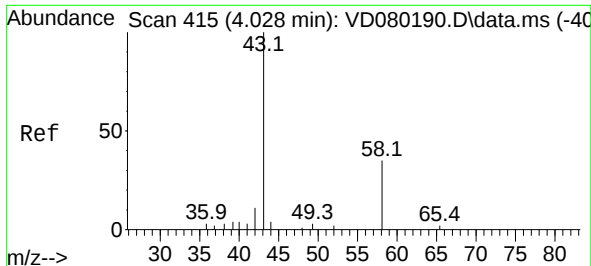
Ion Ratio Lower Upper

96 100

61 150.6 123.1 228.7

63 105.4 89.6 166.4





#13

Acetone

Concen: 6.639 ug/L

RT: 4.040 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

Instrument :

MSVOA_D

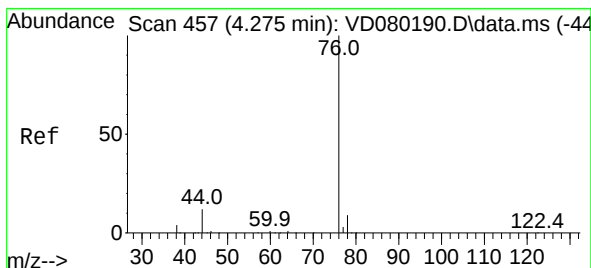
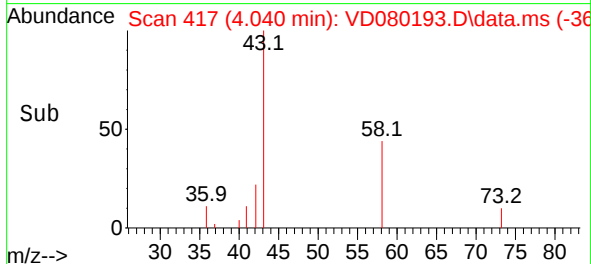
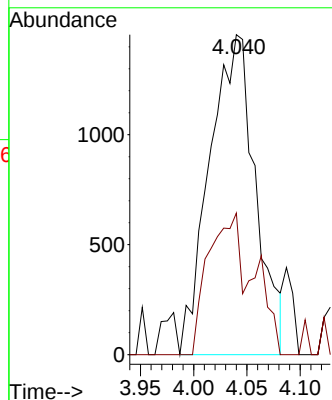
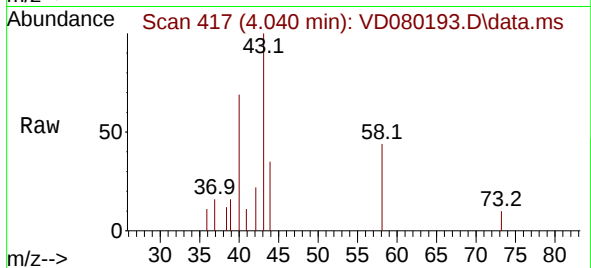
ClientSampleId :

Tgt Ion: 43 Resp: 4377

Ion Ratio Lower Upper

43 100

58 30.3 0.0 52.8



#14

Carbon disulfide

Concen: 2.676 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD080193.D

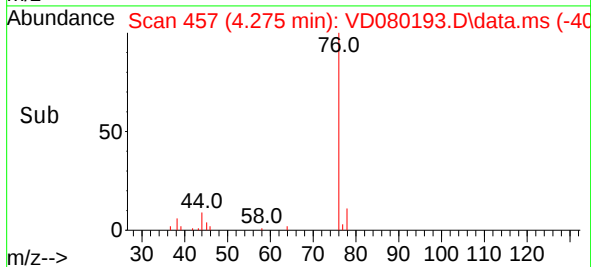
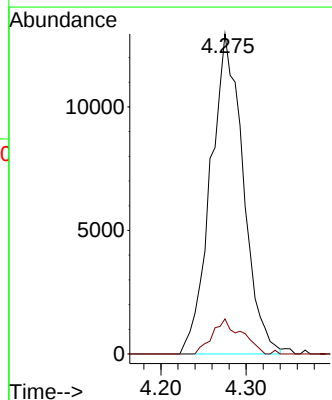
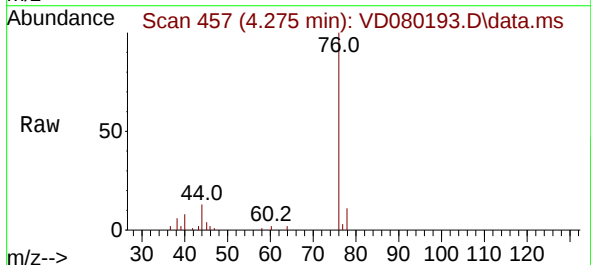
Acq: 09 Jan 2025 13:16

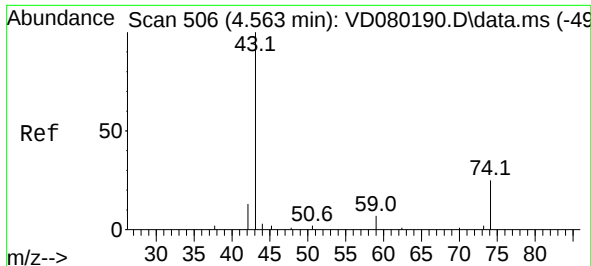
Tgt Ion: 76 Resp: 34426

Ion Ratio Lower Upper

76 100

78 10.9 7.5 11.3

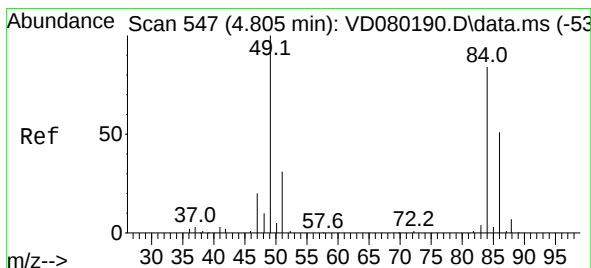
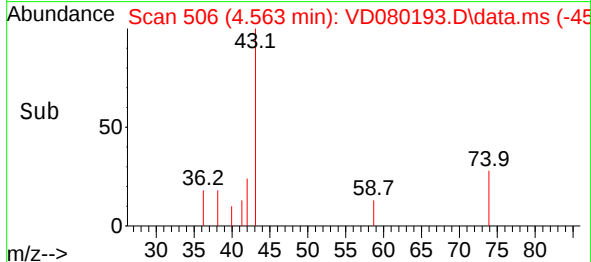
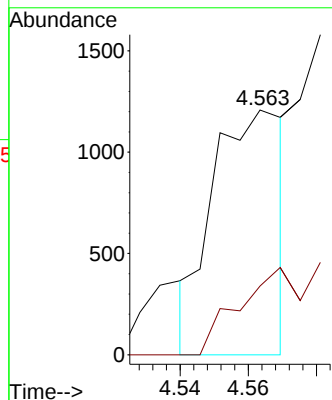
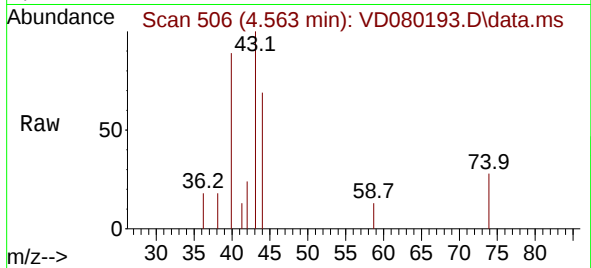




#15
Methyl Acetate
Concen: 1.079 ug/L
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16

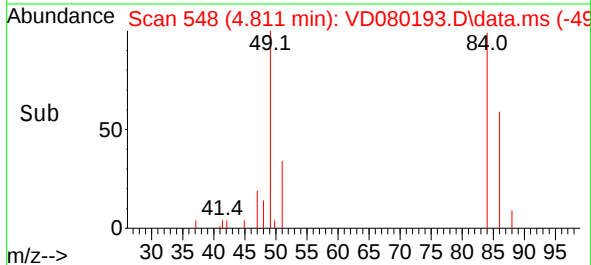
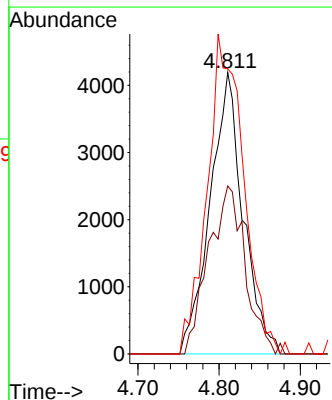
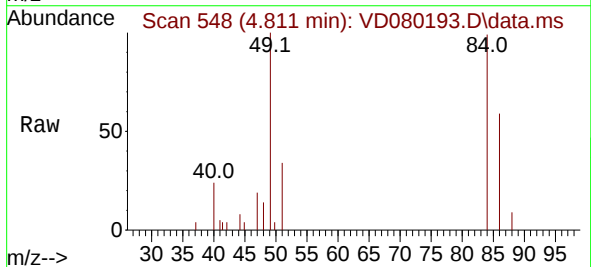
Instrument :
MSVOA_D
ClientSampleId :

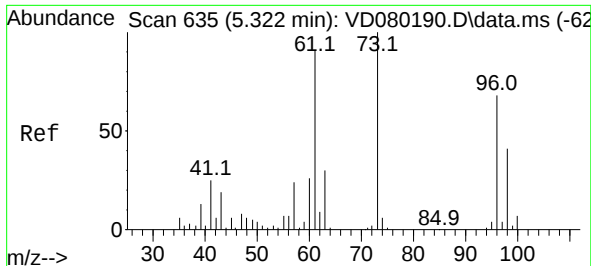
Tgt Ion: 43 Resp: 1749
Ion Ratio Lower Upper
43 100
74 29.9 10.1 15.1#



#16
Methylene chloride
Concen: 2.845 ug/L
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16

Tgt Ion: 84 Resp: 11865
Ion Ratio Lower Upper
84 100
86 59.7 42.8 79.4
49 101.3 83.1 154.3

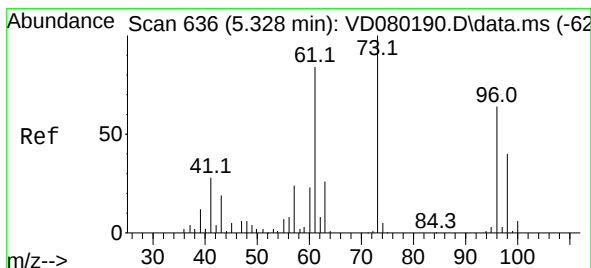
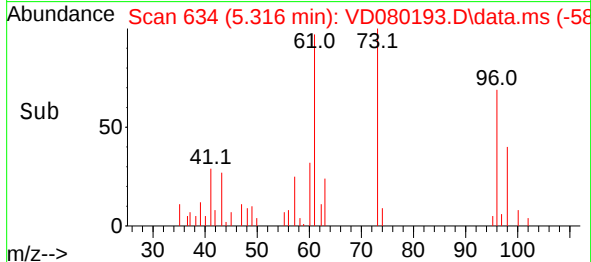
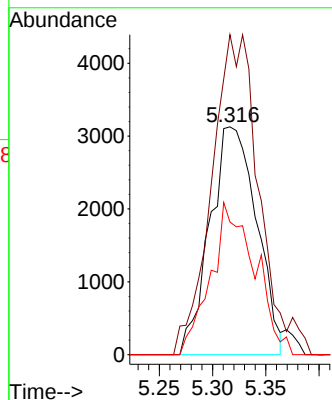
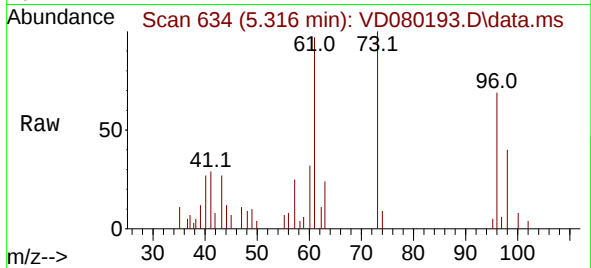




#17
trans-1,2-Dichloroethene
Concen: 2.531 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16

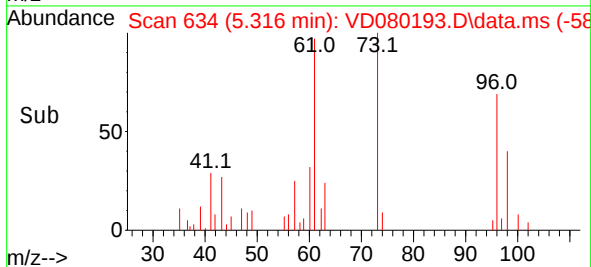
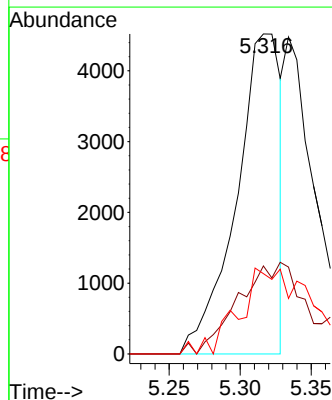
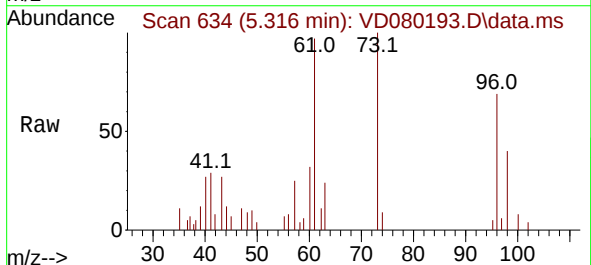
Instrument :
MSVOA_D
ClientSampleId :

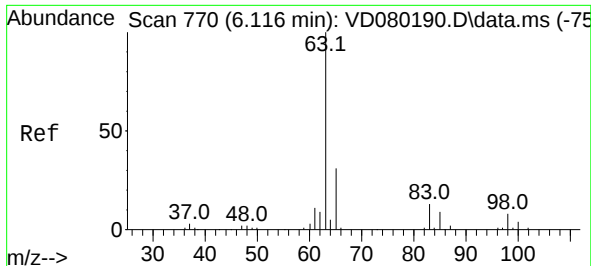
Tgt Ion: 96 Resp: 9557
Ion Ratio Lower Upper
96 100
61 140.4 93.7 173.9
98 58.2 42.1 78.1



#18
Methyl tert-butyl Ether
Concen: 1.370 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.012 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16

Tgt Ion: 73 Resp: 9799
Ion Ratio Lower Upper
73 100
43 23.3 16.6 24.8
57 14.1 18.9 28.3#





#19

1,1-Dichloroethane

Concen: 2.679 ug/L

RT: 6.122 min Scan# 771

Delta R.T. 0.006 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

Instrument :

MSVOA_D

ClientSampleId :

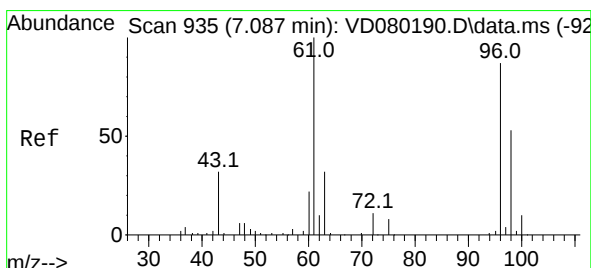
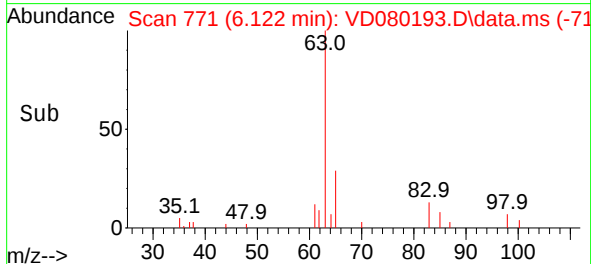
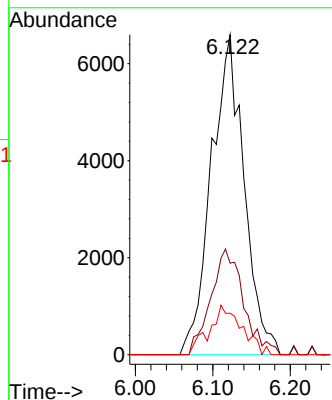
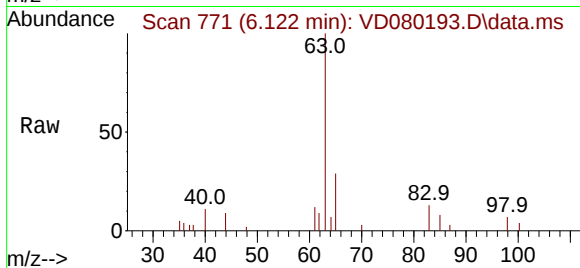
Tgt Ion: 63 Resp: 19416

Ion Ratio Lower Upper

63 100

65 28.6 21.7 40.3

83 12.9 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 2.434 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.000 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

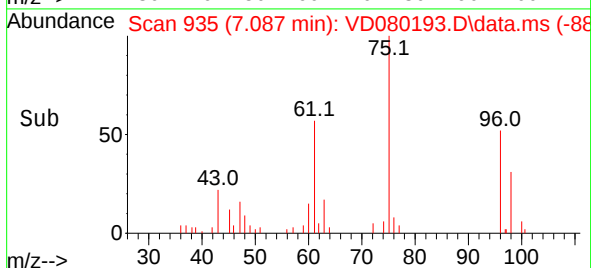
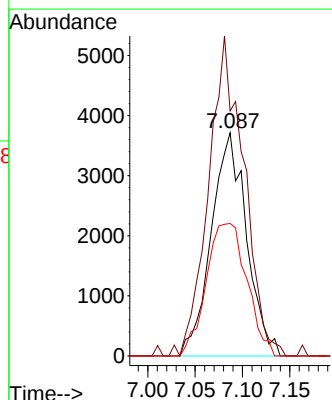
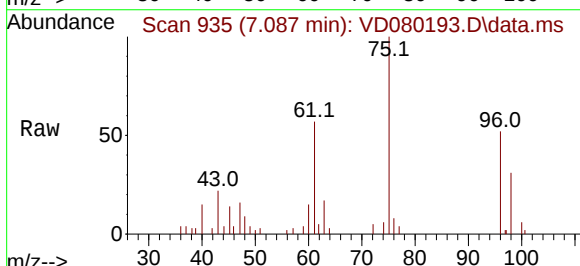
Tgt Ion: 96 Resp: 9611

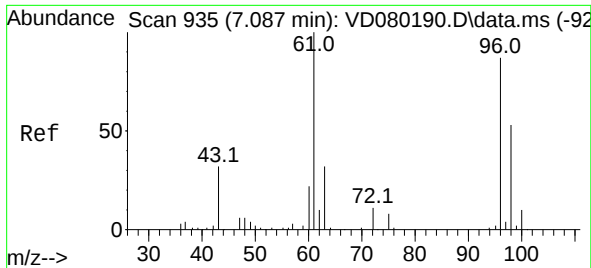
Ion Ratio Lower Upper

96 100

61 109.7 80.8 150.0

98 59.4 42.6 79.0

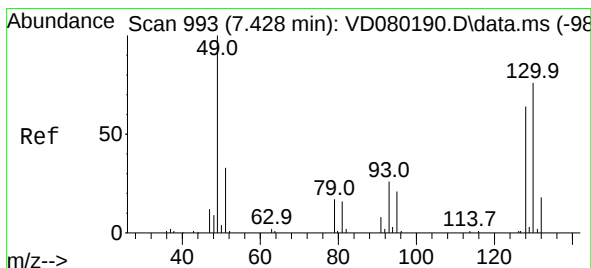
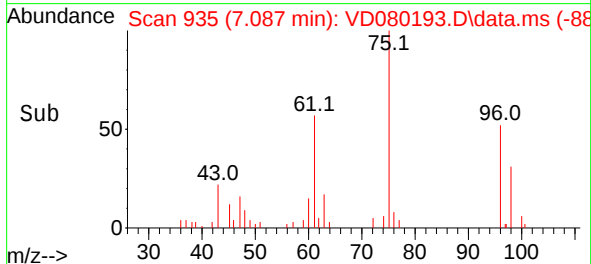
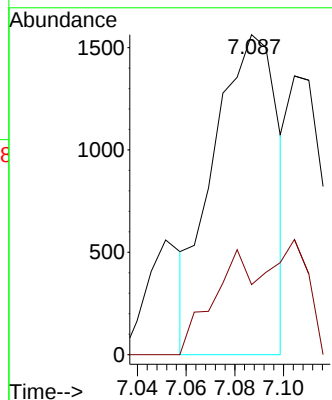
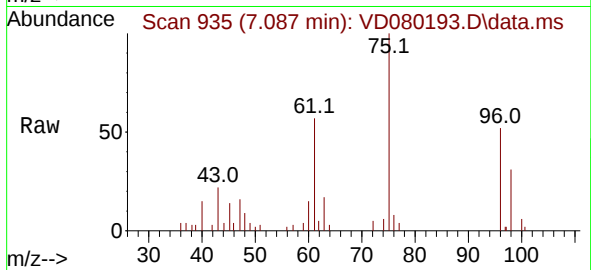




#22
2-Butanone
Concen: 3.054 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16

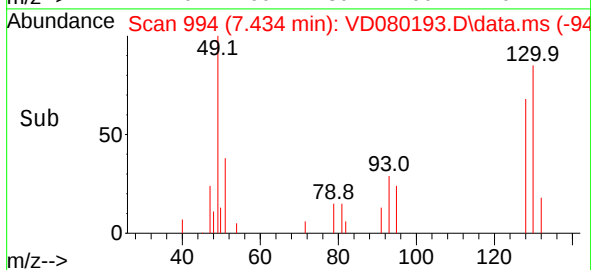
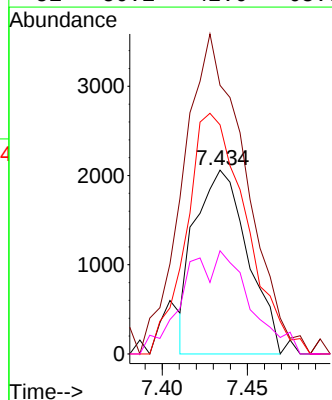
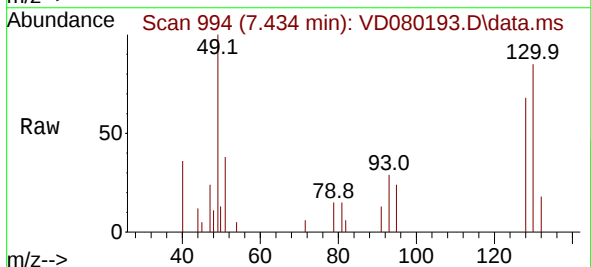
Instrument :
MSVOA_D
ClientSampleId :

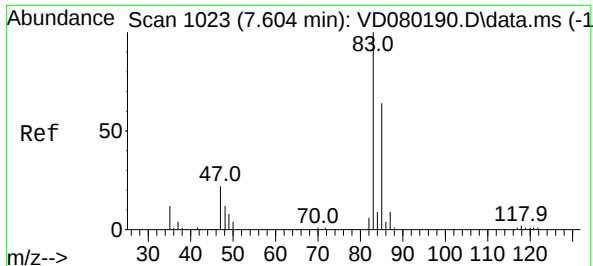
Tgt Ion: 43 Resp: 2866
Ion Ratio Lower Upper
43 100
72 20.0 14.0 42.0



#23
Bromochloromethane
Concen: 2.312 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16

Tgt Ion:128 Resp: 4424
Ion Ratio Lower Upper
128 100
49 146.2 110.7 205.7
130 124.7 83.1 154.3
51 56.1 42.0 63.0





#25

Chloroform

Concen: 2.724 ug/L

RT: 7.599 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

Instrument :

MSVOA_D

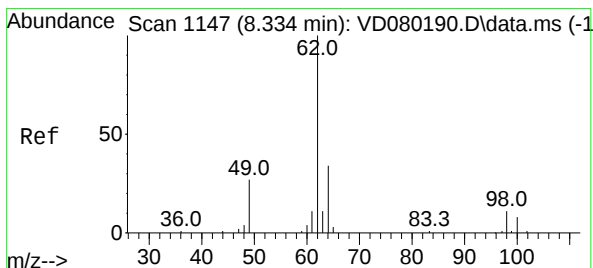
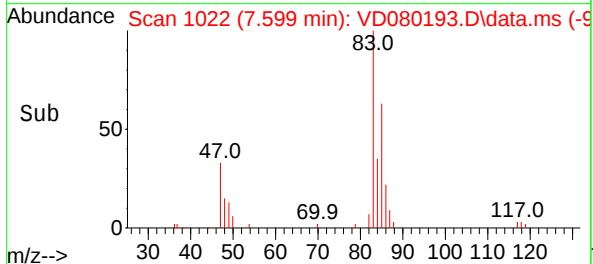
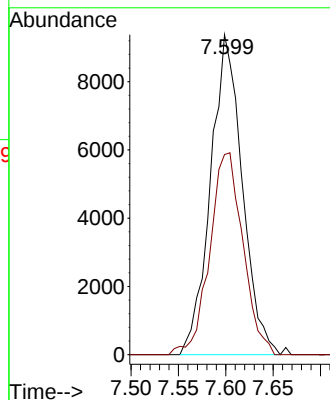
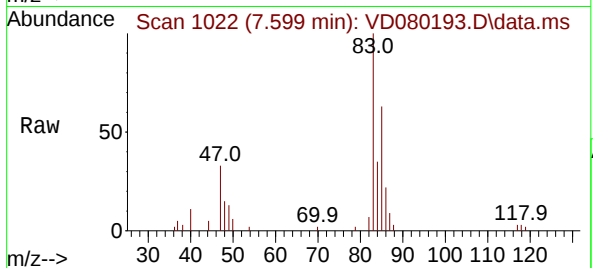
ClientSampleId :

Tgt Ion: 83 Resp: 21882

Ion Ratio Lower Upper

83 100

85 62.6 45.1 83.9



#27

1,2-Dichloroethane

Concen: 2.673 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.006 min

Lab File: VD080193.D

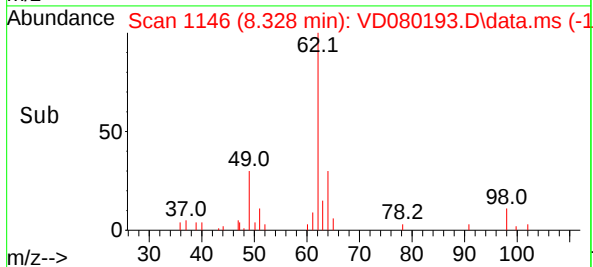
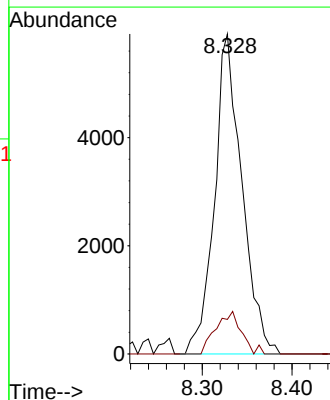
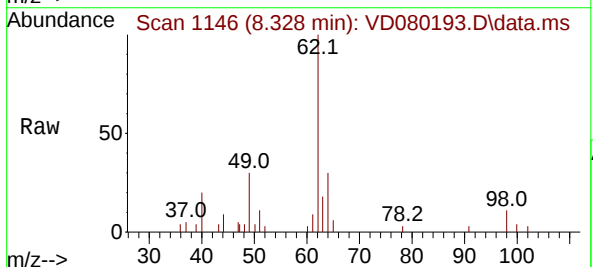
Acq: 09 Jan 2025 13:16

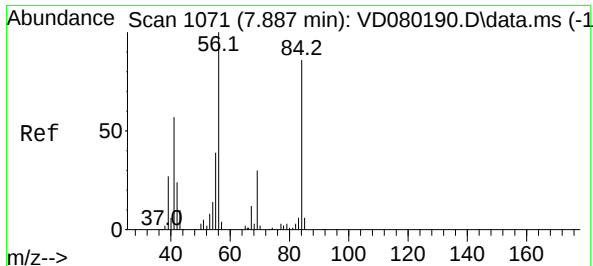
Tgt Ion: 62 Resp: 12526

Ion Ratio Lower Upper

62 100

98 10.8 8.6 13.0





#29

Cyclohexane

Concen: 2.258 ug/L

RT: 7.887 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

Instrument :

MSVOA_D

ClientSampleId :

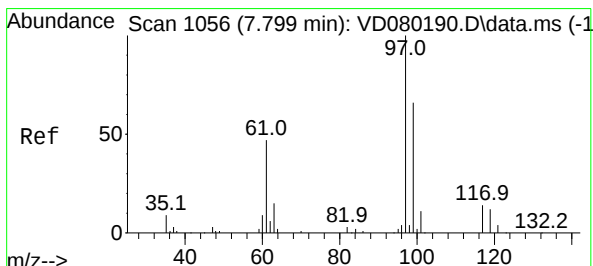
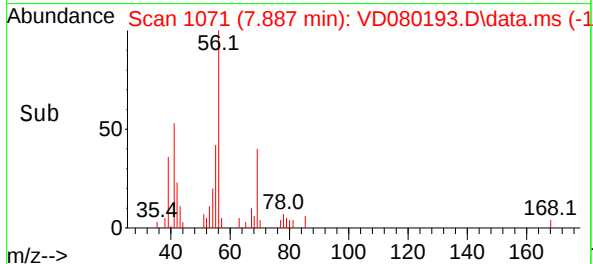
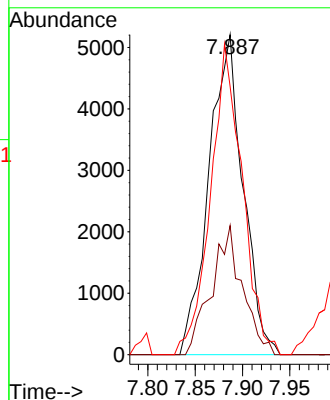
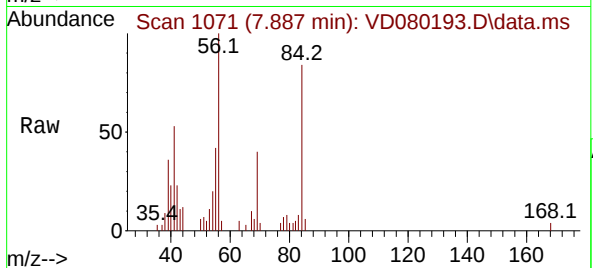
Tgt Ion: 56 Resp: 13060

Ion Ratio Lower Upper

56 100

69 30.2 24.2 36.4

84 89.8 68.8 103.2



#30

1,1,1-Trichloroethane

Concen: 2.577 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

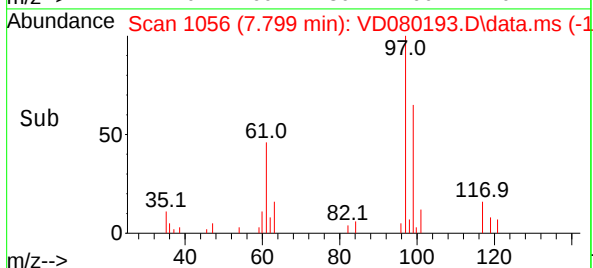
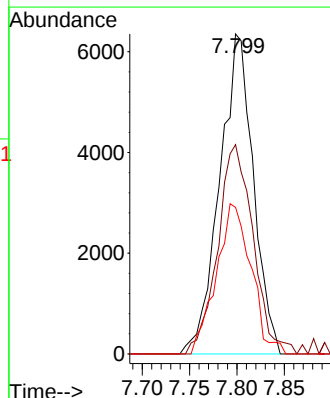
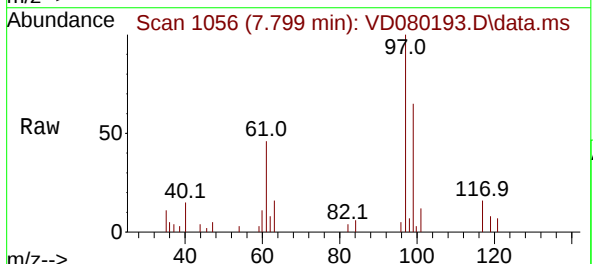
Tgt Ion: 97 Resp: 15694

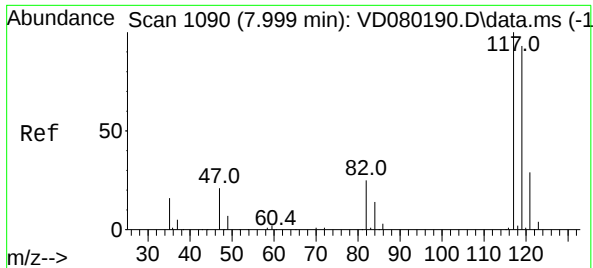
Ion Ratio Lower Upper

97 100

99 69.1 51.7 77.5

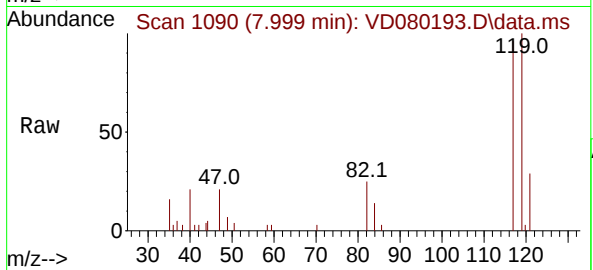
61 47.5 35.8 53.6



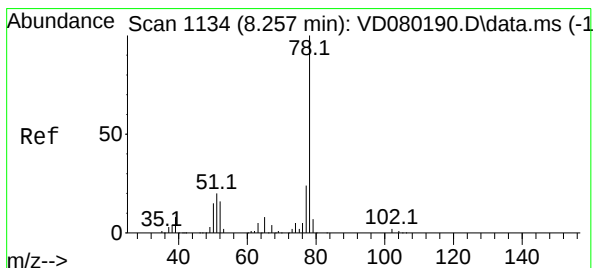
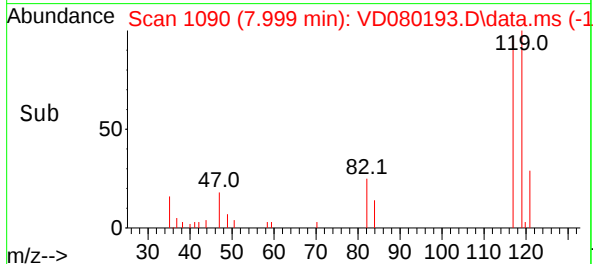
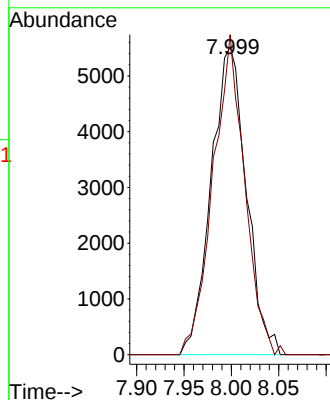


#31
Carbon tetrachloride
Concen: 2.651 ug/L
RT: 7.999 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16

Instrument :
MSVOA_D
ClientSampleId :

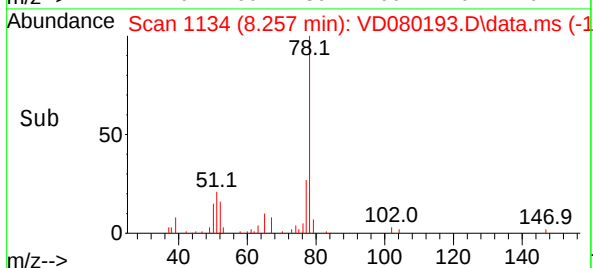
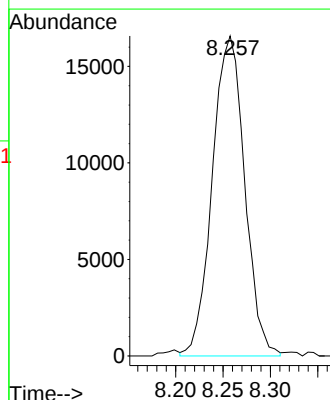
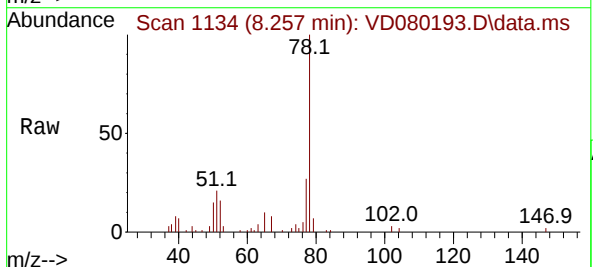


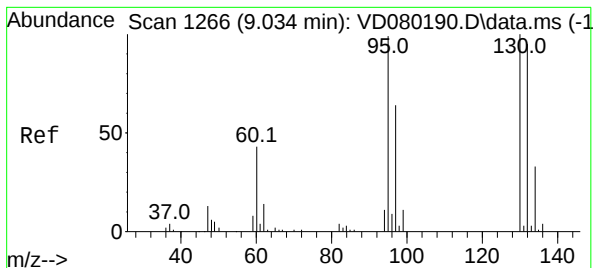
Tgt Ion:117 Resp: 14251
Ion Ratio Lower Upper
117 100
119 93.1 75.8 113.8



#33
Benzene
Concen: 2.520 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16

Tgt Ion: 78 Resp: 39392





#34

Trichloroethene

Concen: 2.566 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 10387

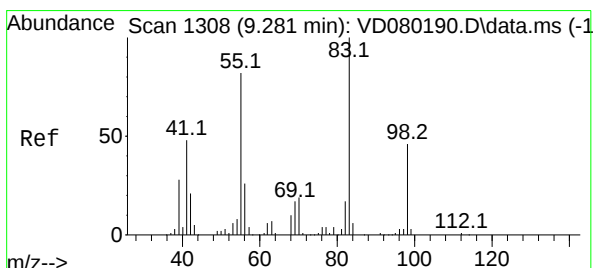
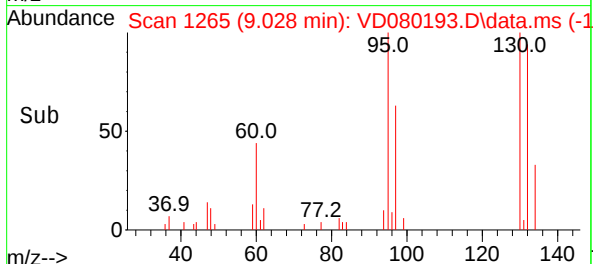
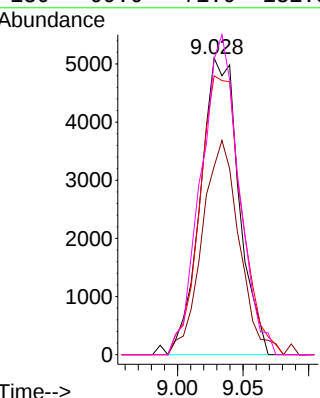
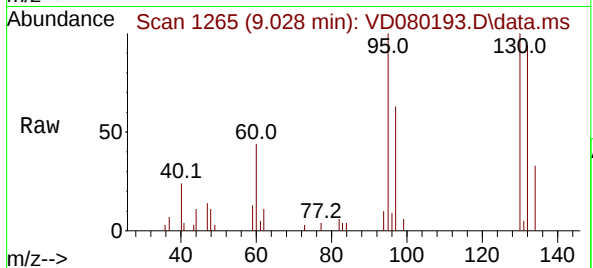
Ion Ratio Lower Upper

95 100

97 63.4 45.6 84.6

132 94.0 67.2 124.8

130 99.6 71.0 131.8



#35

Methylcyclohexane

Concen: 2.262 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.006 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

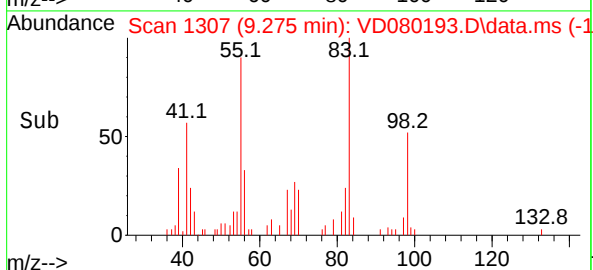
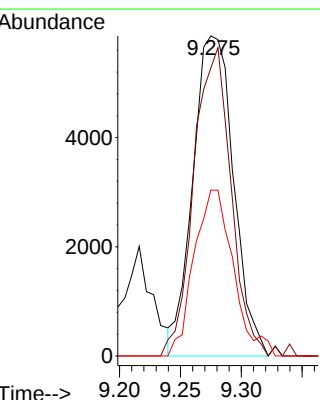
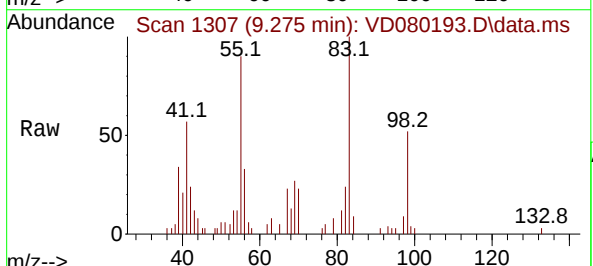
Tgt Ion: 83 Resp: 13616

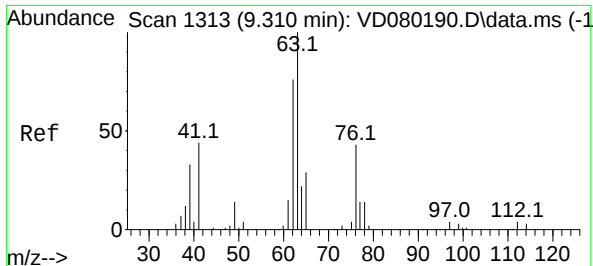
Ion Ratio Lower Upper

83 100

55 88.1 65.6 98.4

98 48.4 37.7 56.5





#37

1,2-Dichloropropane

Concen: 2.706 ug/L

RT: 9.310 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

Instrument :

MSVOA_D

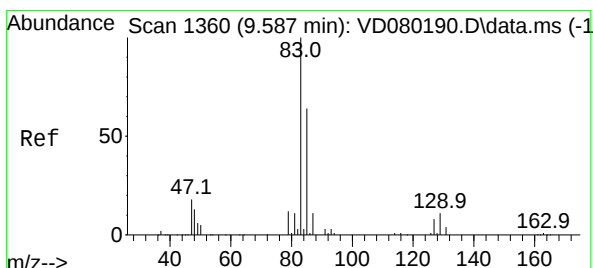
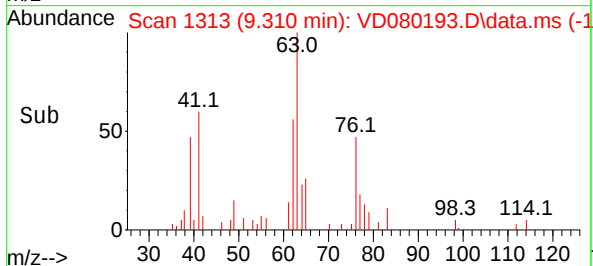
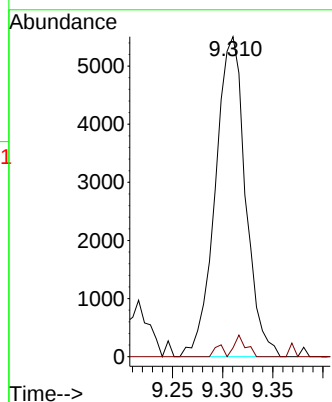
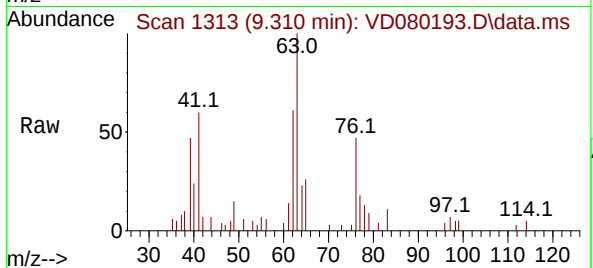
ClientSampleId :

Tgt Ion: 63 Resp: 11525

Ion Ratio Lower Upper

63 100

112 2.6 3.6 5.4#



#38

Bromodichloromethane

Concen: 2.659 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

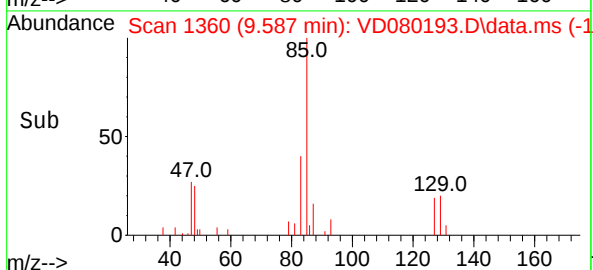
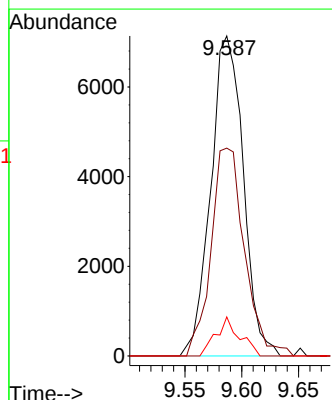
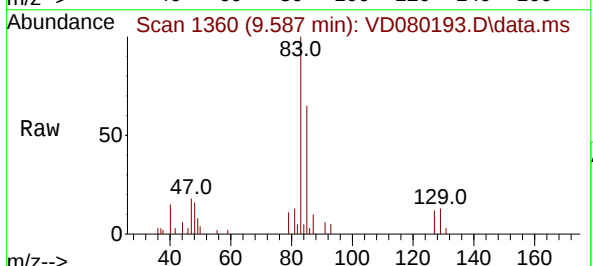
Tgt Ion: 83 Resp: 14198

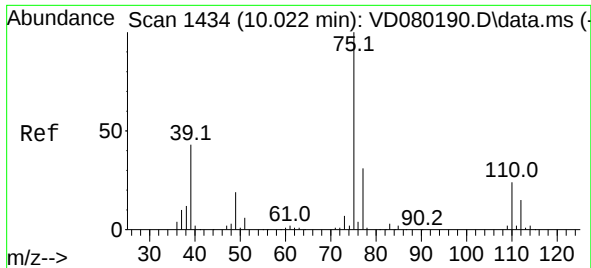
Ion Ratio Lower Upper

83 100

85 64.9 44.6 82.8

127 12.2 6.7 10.1#





#39

cis-1,3-Dichloropropene

Concen: 2.370 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.006 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

Instrument :

MSVOA_D

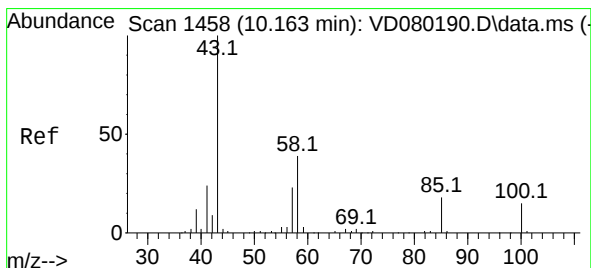
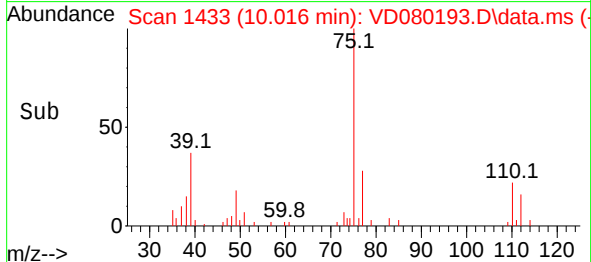
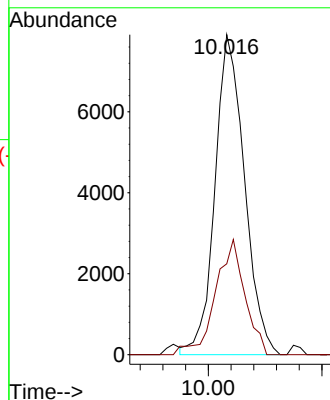
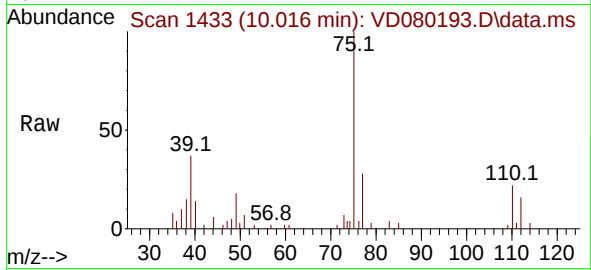
ClientSampleId :

Tgt Ion: 75 Resp: 14267

Ion Ratio Lower Upper

75 100

77 28.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 5.288 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

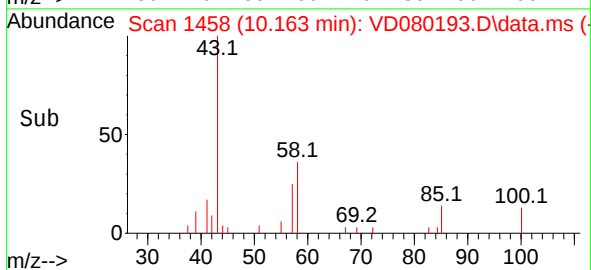
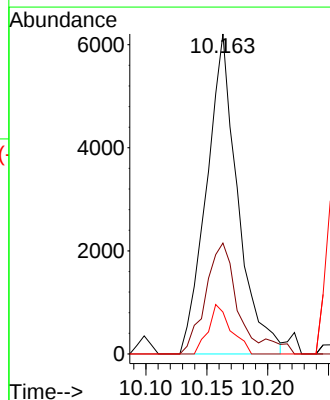
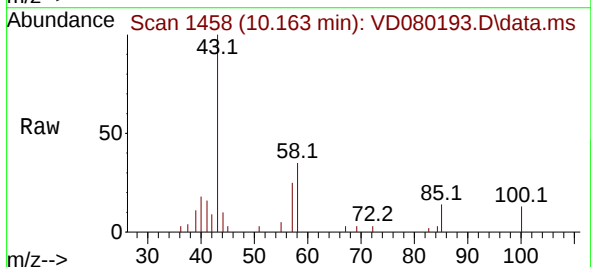
Tgt Ion: 43 Resp: 11056

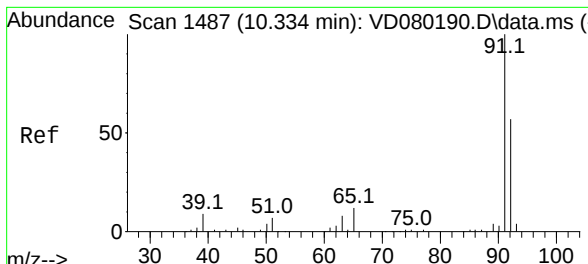
Ion Ratio Lower Upper

43 100

58 33.9 31.0 46.6

100 11.3 12.1 18.1#

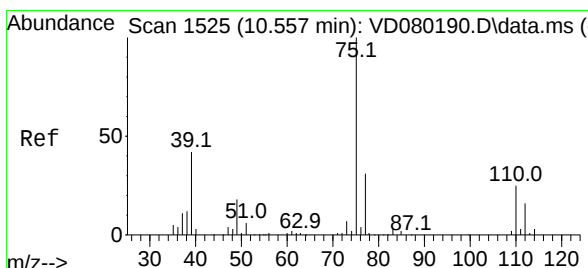
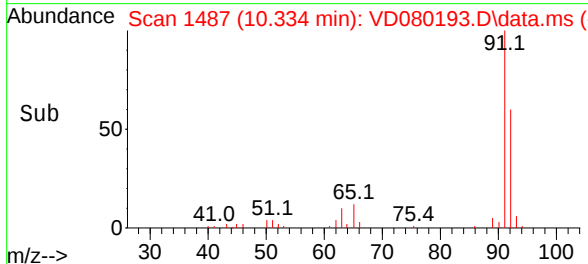
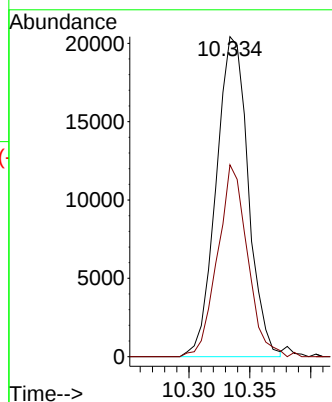
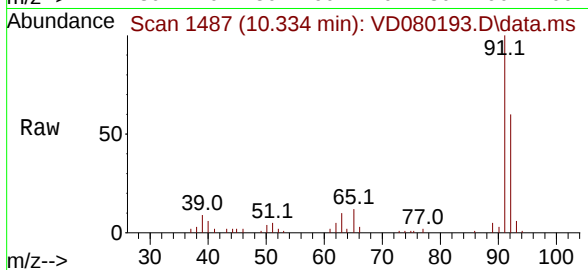




#42
Toluene
Concen: 2.290 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16

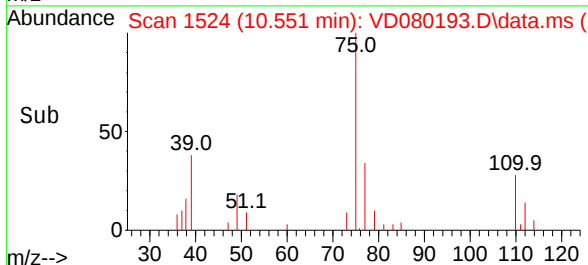
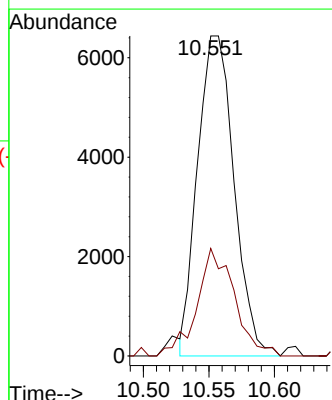
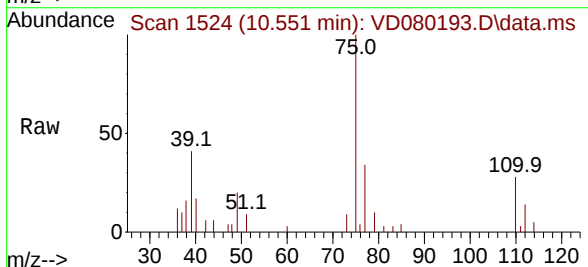
Instrument :
MSVOA_D
ClientSampleId :

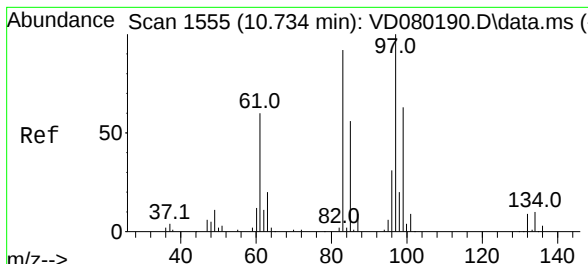
Tgt Ion: 91 Resp: 37398
Ion Ratio Lower Upper
91 100
92 59.9 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 2.404 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16

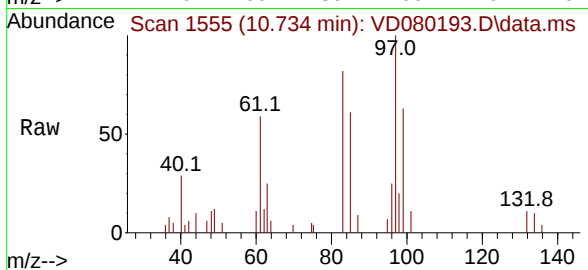
Tgt Ion: 75 Resp: 12498
Ion Ratio Lower Upper
75 100
77 33.6 22.0 40.8



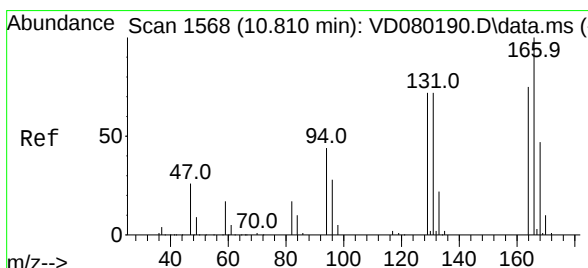
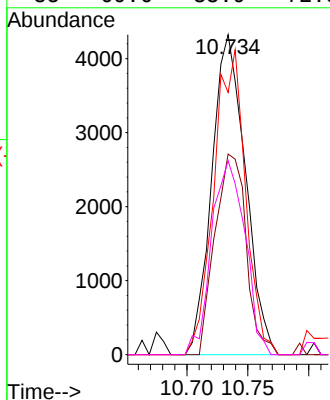
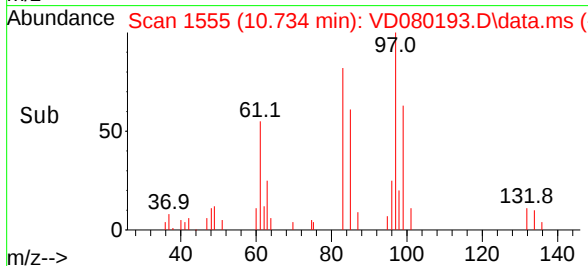


#45
 1,1,2-Trichloroethane
 Concen: 2.669 ug/L
 RT: 10.734 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: VD080193.D
 Acq: 09 Jan 2025 13:16

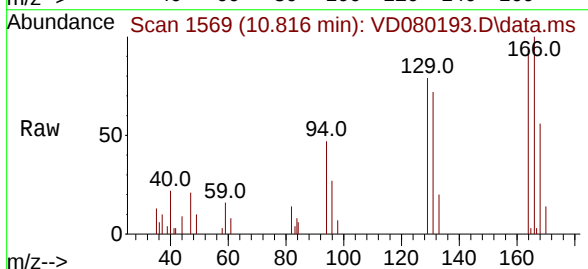
Instrument :
 MSVOA_D
 ClientSampleId :



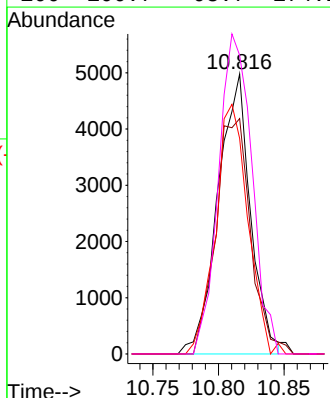
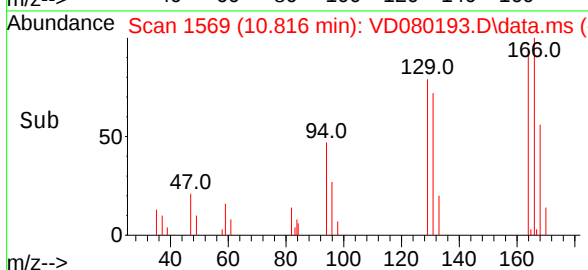
Tgt Ion:	97	Resp:	8298
Ion	Ratio	Lower	Upper
97	100		
99	62.7	44.0	81.8
83	82.0	64.4	119.6
85	60.6	38.9	72.3

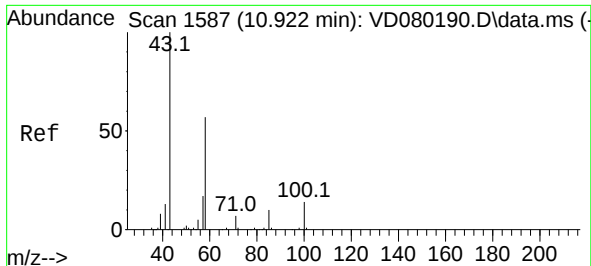


#46
 Tetrachloroethene
 Concen: 2.633 ug/L
 RT: 10.816 min Scan# 1569
 Delta R.T. 0.006 min
 Lab File: VD080193.D
 Acq: 09 Jan 2025 13:16



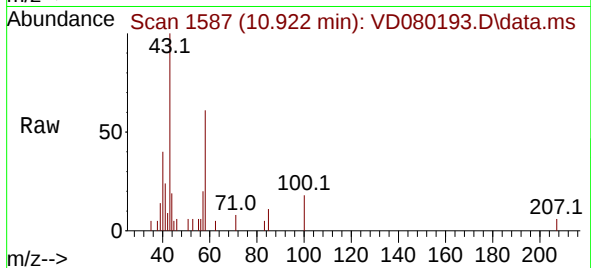
Tgt Ion:	164	Resp:	8588
Ion	Ratio	Lower	Upper
164	100		
129	84.1	67.8	125.8
131	77.0	67.6	125.6
166	106.7	93.7	174.1



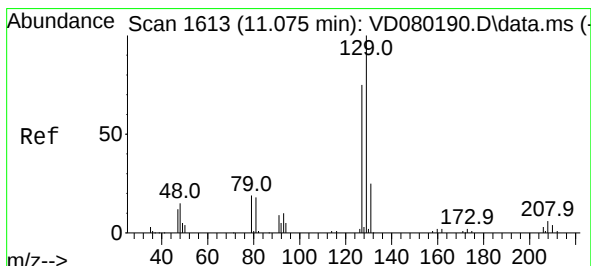
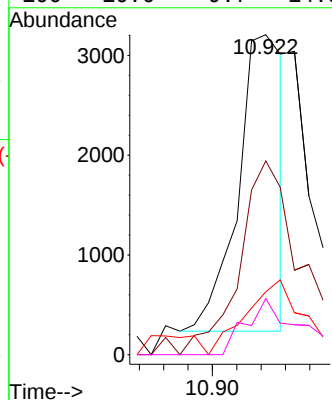
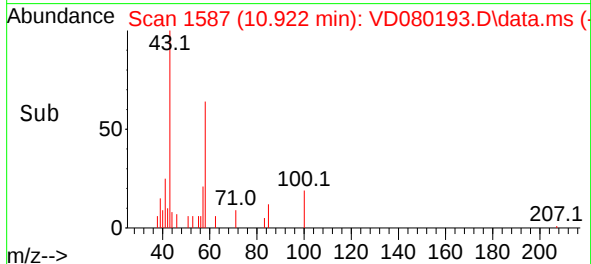


#48
2-Hexanone
Concen: 2.740 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16

Instrument :
MSVOA_D
ClientSampleId :

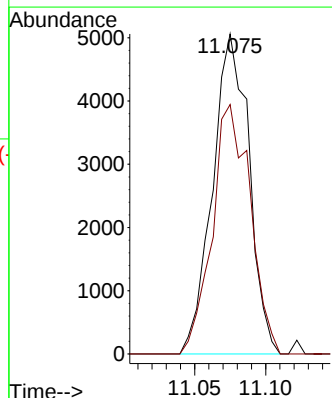
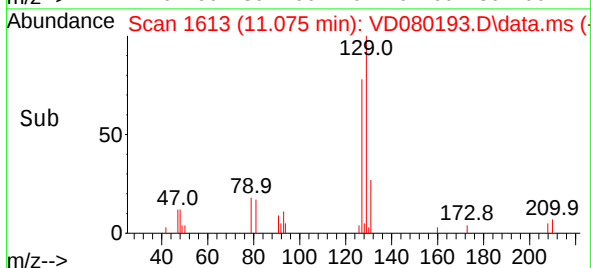
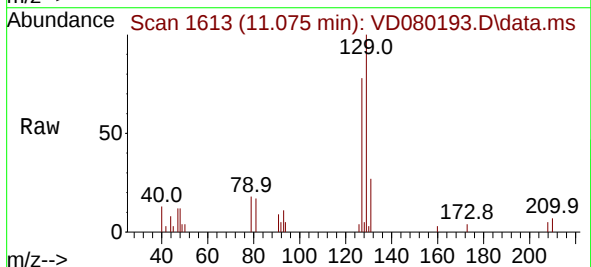


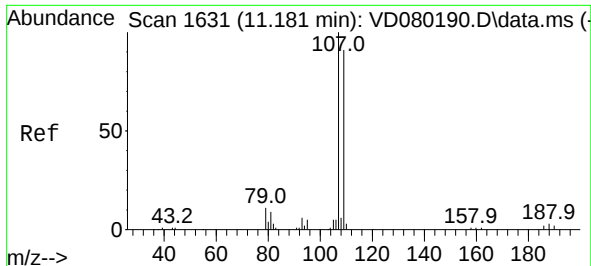
Tgt Ion: 43 Resp: 3817
Ion Ratio Lower Upper
43 100
58 85.5 42.5 63.7#
57 31.0 15.5 23.3#
100 16.6 9.7 14.5#



#49
Dibromochloromethane
Concen: 2.605 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16

Tgt Ion: 129 Resp: 9023
Ion Ratio Lower Upper
129 100
127 77.9 52.3 97.1





#50

1,2-Dibromoethane

Concen: 2.544 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080193.D

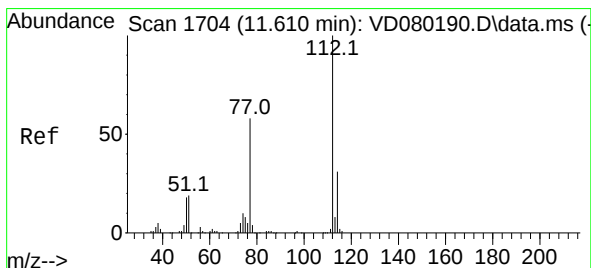
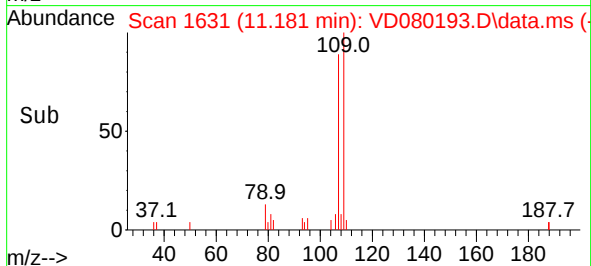
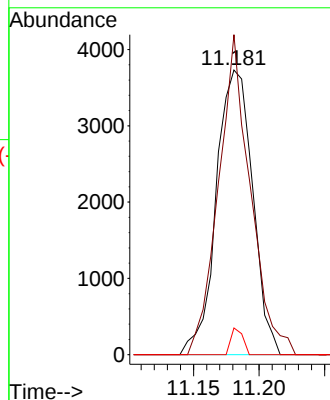
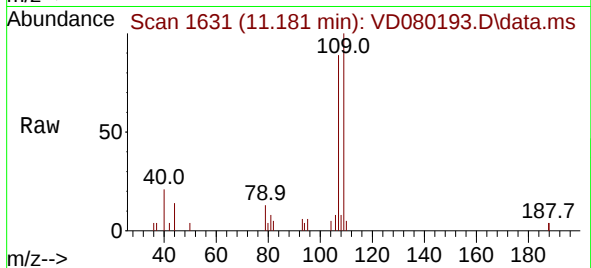
Acq: 09 Jan 2025 13:16

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	7190
Ion	Ratio	Lower	Upper
107	100		
109	112.4	63.8	118.6
188	9.4	2.8	4.2#



#51

Chlorobenzene

Concen: 2.579 ug/L

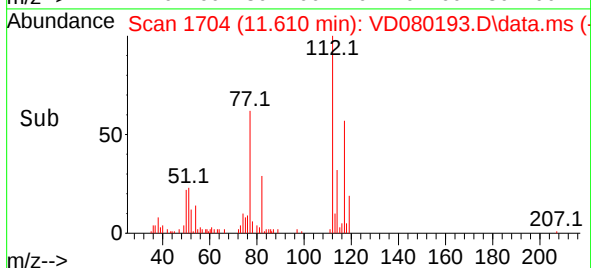
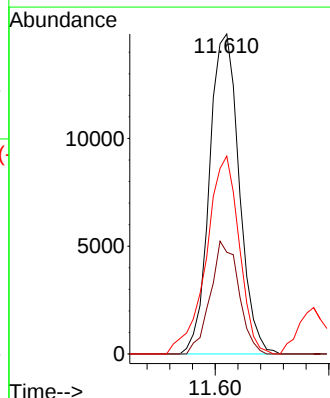
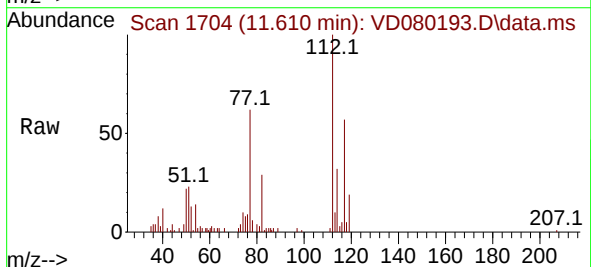
RT: 11.610 min Scan# 1704

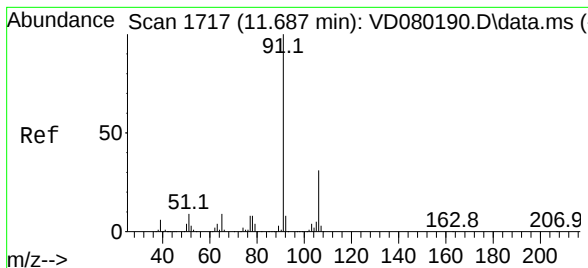
Delta R.T. 0.000 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

Tgt Ion:	112	Resp:	27001
Ion	Ratio	Lower	Upper
112	100		
114	31.8	21.8	40.6
77	61.9	46.8	70.2

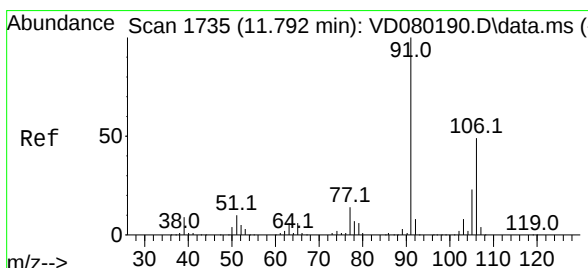
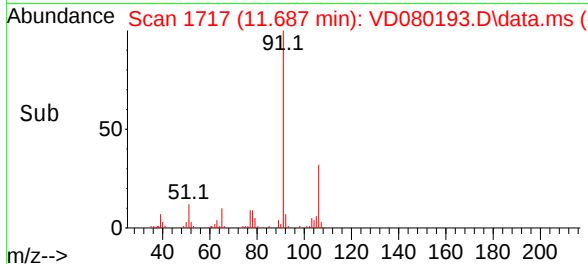
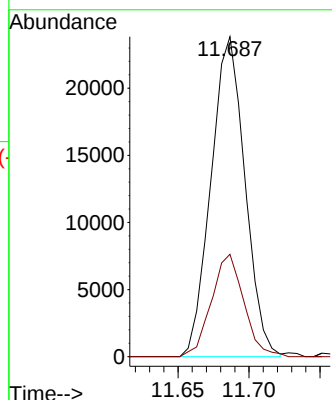
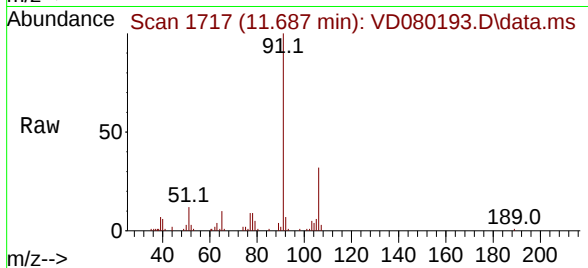




#52
Ethylbenzene
Concen: 2.263 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16

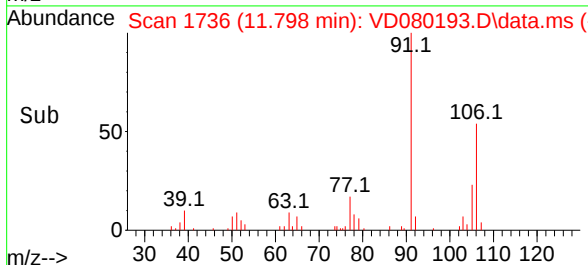
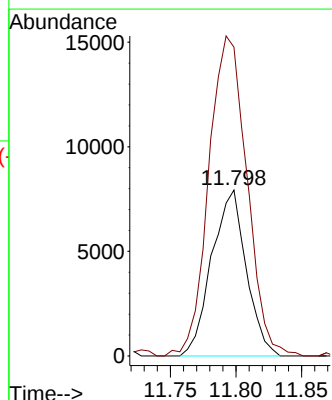
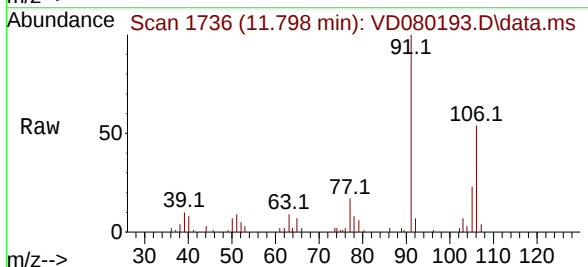
Instrument :
MSVOA_D
ClientSampleId :

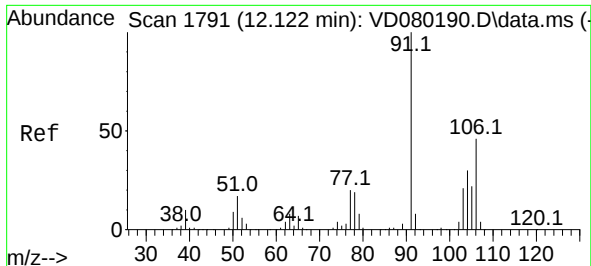
Tgt Ion: 91 Resp: 39655
Ion Ratio Lower Upper
91 100
106 32.0 21.8 40.6



#53
m,p-Xylene
Concen: 2.217 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16

Tgt Ion: 106 Resp: 14520
Ion Ratio Lower Upper
106 100
91 186.1 144.1 267.7

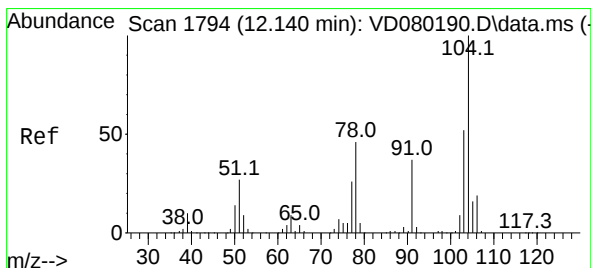
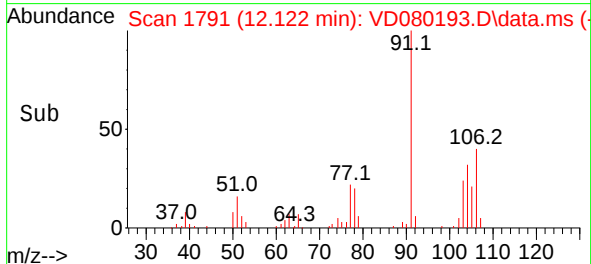
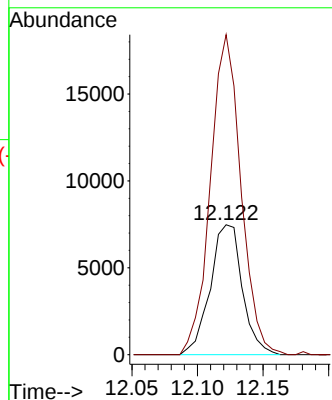
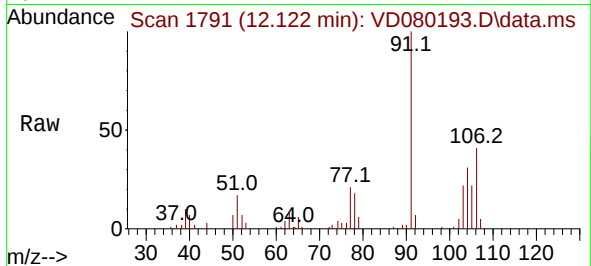




#54
o-Xylene
Concen: 2.080 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16

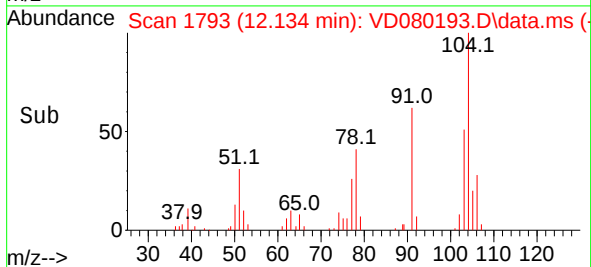
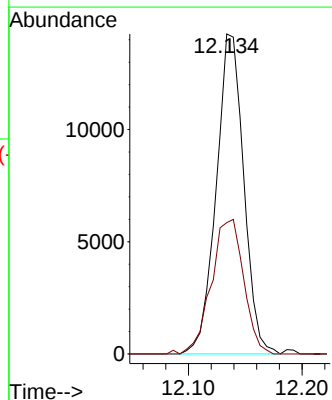
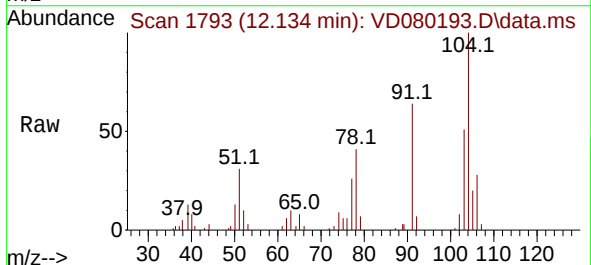
Instrument :
MSVOA_D
ClientSampleId :

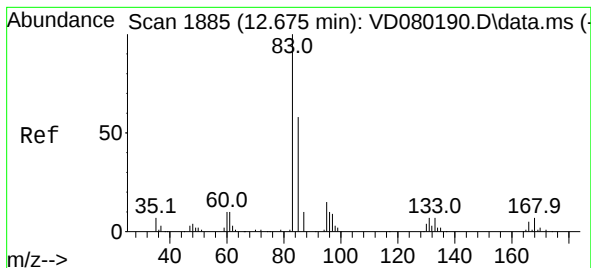
Tgt Ion:106 Resp: 12743
Ion Ratio Lower Upper
106 100
91 246.3 153.8 285.6



#55
Styrene
Concen: 2.167 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16

Tgt Ion:104 Resp: 24049
Ion Ratio Lower Upper
104 100
78 41.1 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 2.610 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD080193.D

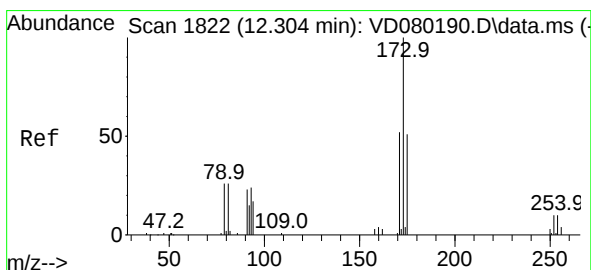
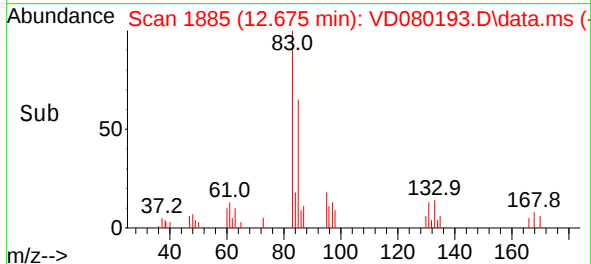
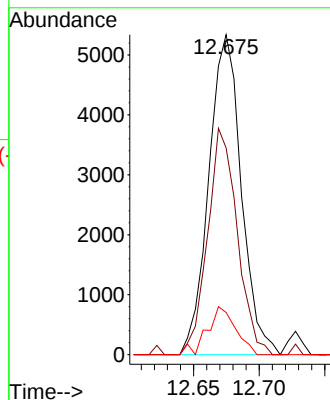
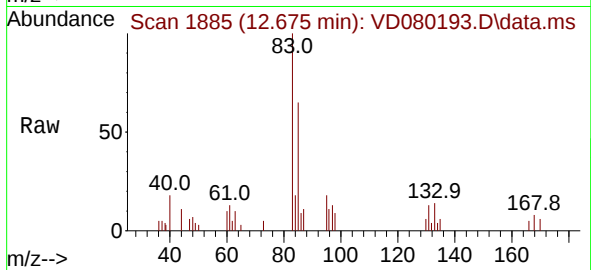
Acq: 09 Jan 2025 13:16

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	9201
Ion Ratio	Lower	Upper	
83	100		
85	64.6	40.7	75.5
131	13.2	6.2	9.2#



#59

Bromoform

Concen: 2.719 ug/L

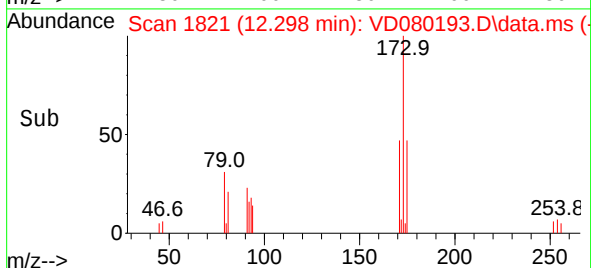
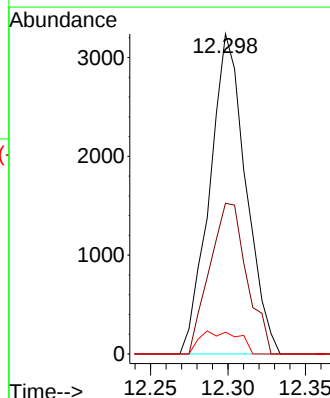
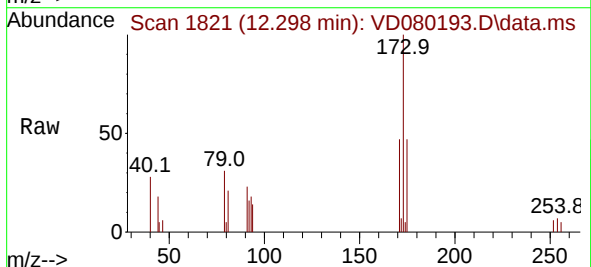
RT: 12.298 min Scan# 1821

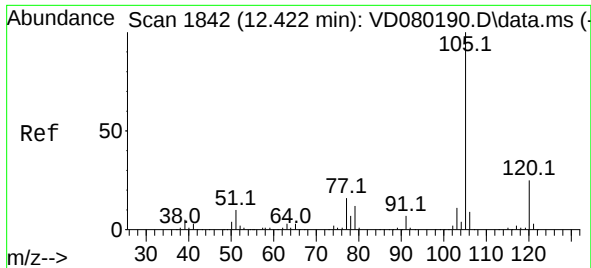
Delta R.T. -0.006 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

Tgt Ion:	173	Resp:	5251
Ion Ratio	Lower	Upper	
173	100		
175	48.3	38.2	57.4
254	7.7	8.3	12.5#

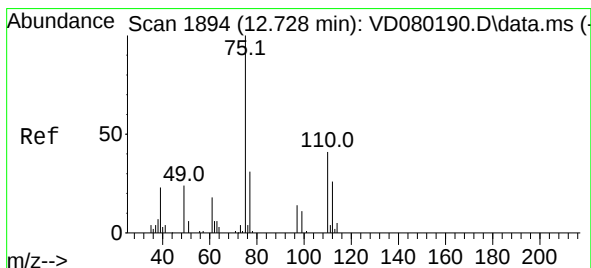
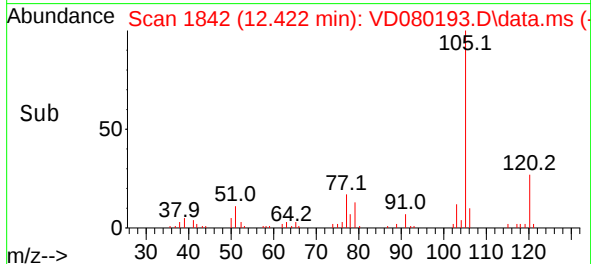
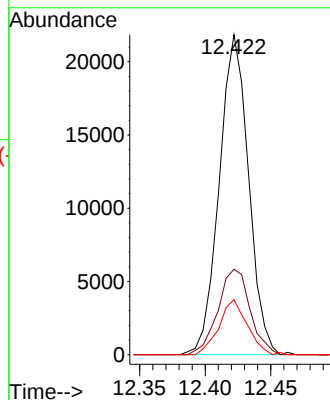
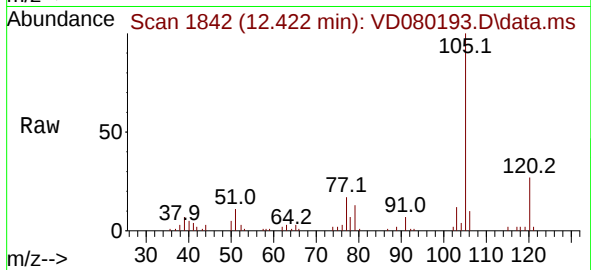




#60
Isopropylbenzene
Concen: 2.259 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16

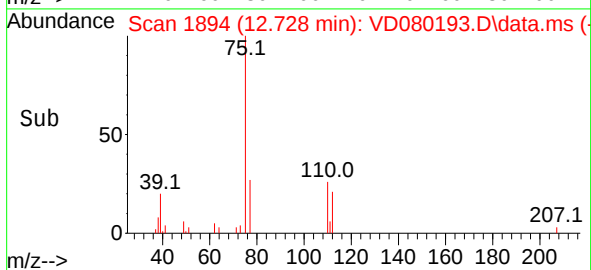
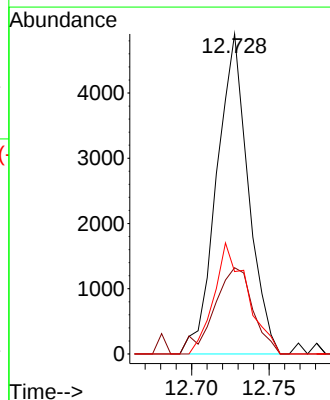
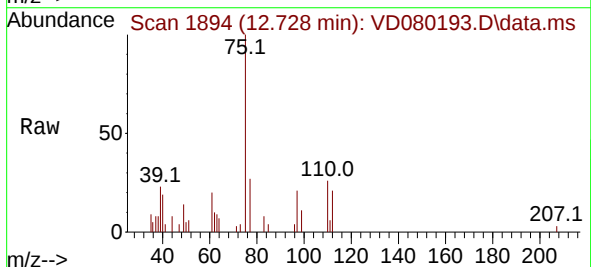
Instrument :
MSVOA_D
ClientSampleId :

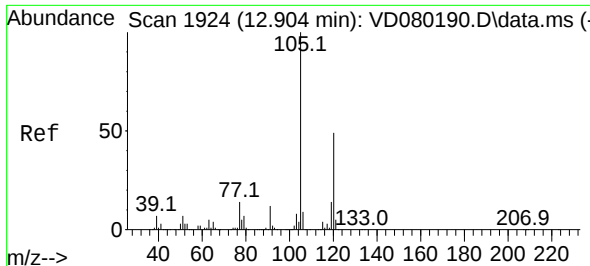
Tgt Ion:105	Resp:	33908
Ion Ratio	Lower	Upper
105	100	
120	29.2	20.6 30.8
77	16.5	13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 3.057 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16

Tgt Ion: 75	Resp:	6959
Ion Ratio	Lower	Upper
75	100	
77	33.2	25.7 38.5
110	36.8	31.5 47.3





#62

1,3,5-Trimethylbenzene

Concen: 2.272 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

Instrument :

MSVOA_D

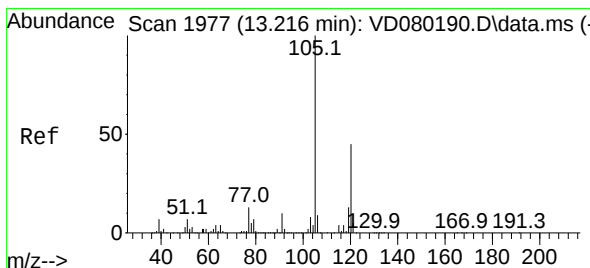
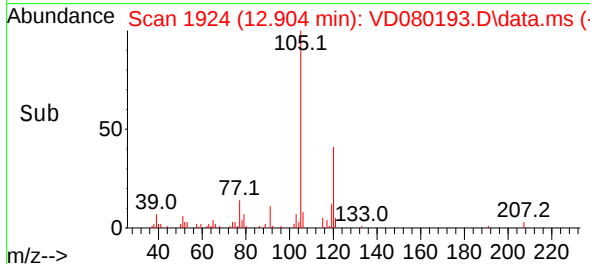
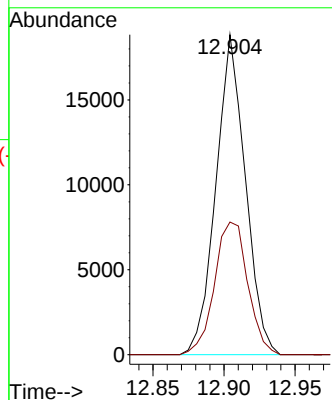
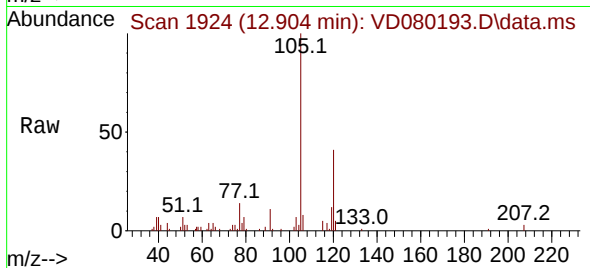
ClientSampleId :

Tgt Ion:105 Resp: 27184

Ion Ratio Lower Upper

105 100

120 46.8 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 2.164 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD080193.D

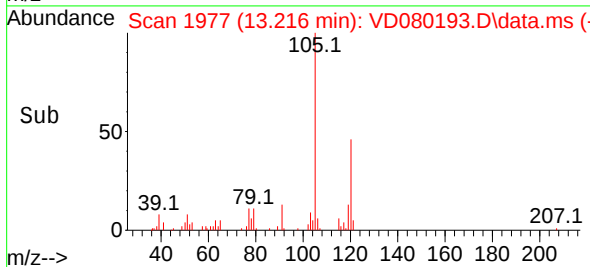
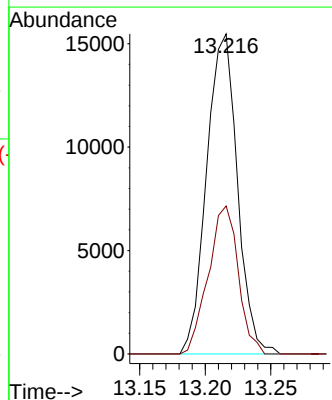
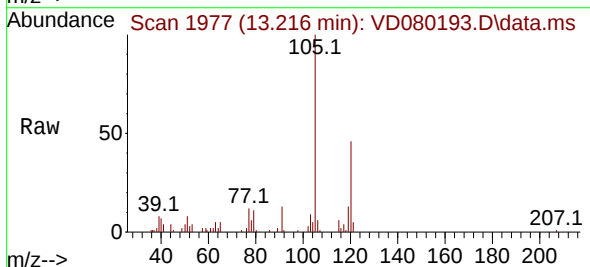
Acq: 09 Jan 2025 13:16

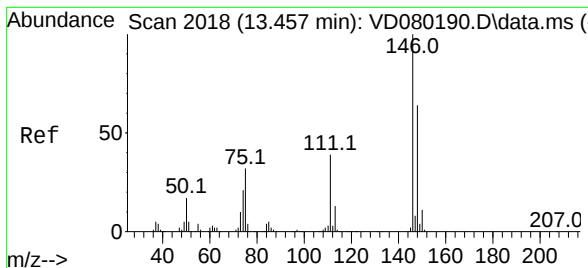
Tgt Ion:105 Resp: 25255

Ion Ratio Lower Upper

105 100

120 45.1 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 2.686 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

Instrument :

MSVOA_D

ClientSampleId :

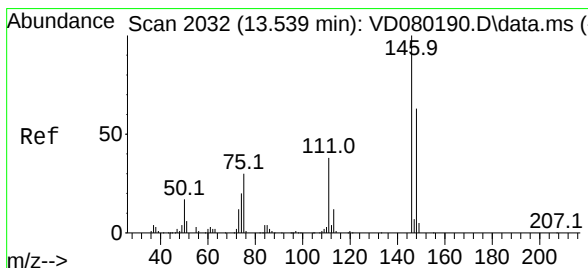
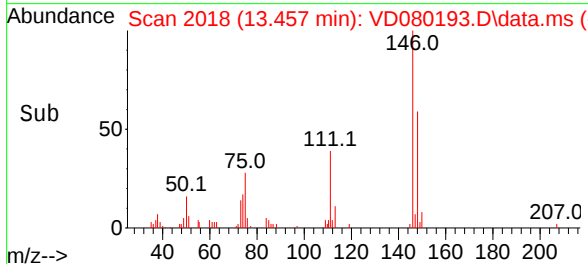
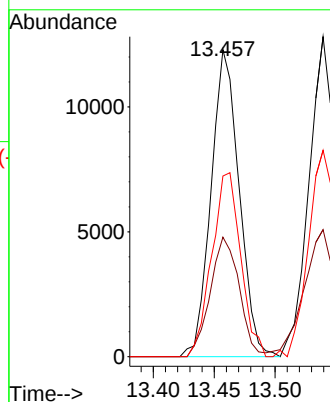
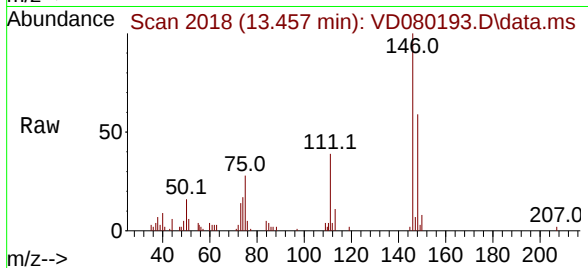
Tgt Ion:146 Resp: 19727

Ion Ratio Lower Upper

146 100

111 38.9 27.2 50.6

148 58.8 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 2.678 ug/L

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

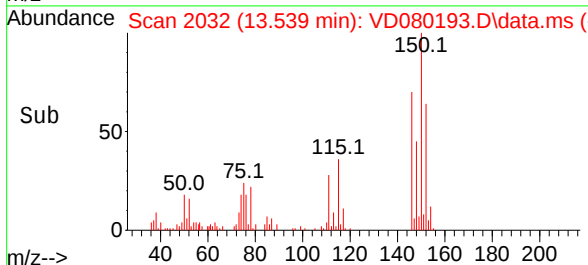
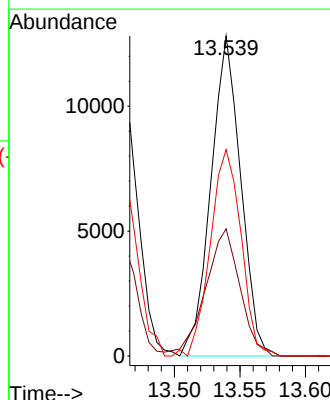
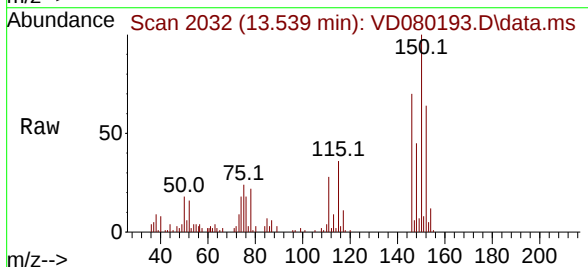
Tgt Ion:146 Resp: 20302

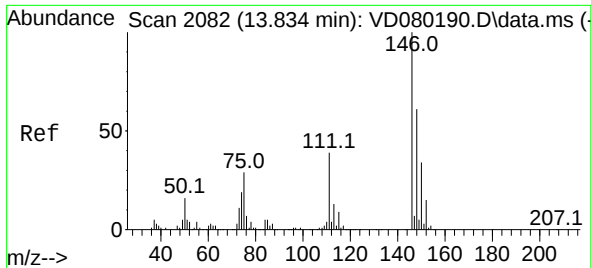
Ion Ratio Lower Upper

146 100

111 39.7 26.7 49.7

148 64.5 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 2.628 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

Instrument :

MSVOA_D

ClientSampleId :

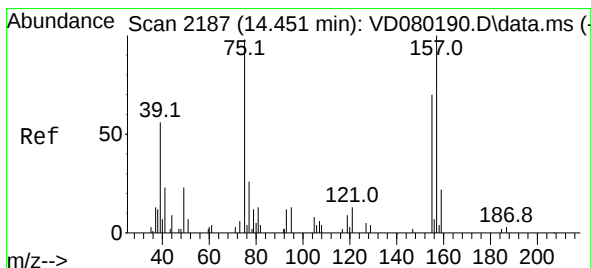
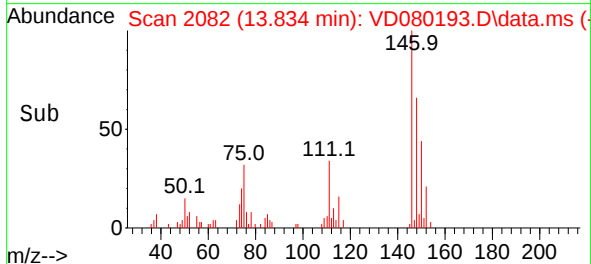
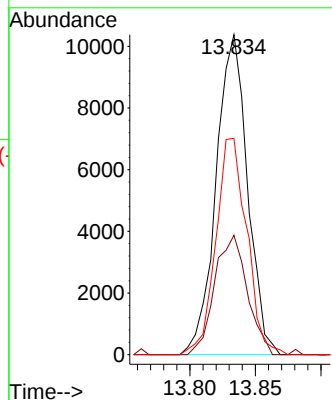
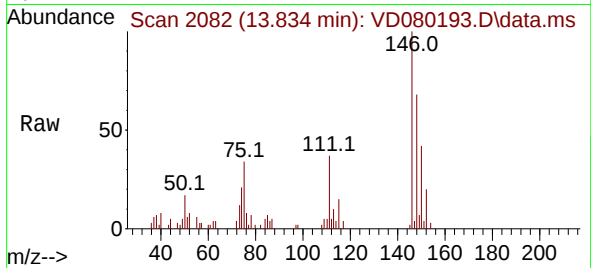
Tgt Ion:146 Resp: 17286

Ion Ratio Lower Upper

146 100

111 37.3 31.4 47.0

148 67.6 48.8 73.2



#68

1,2-Dibromo-3-chloropropane

Concen: 3.210 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD080193.D

Acq: 09 Jan 2025 13:16

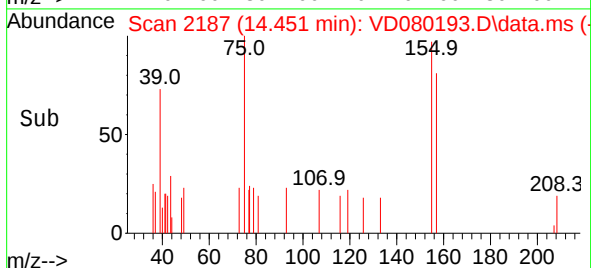
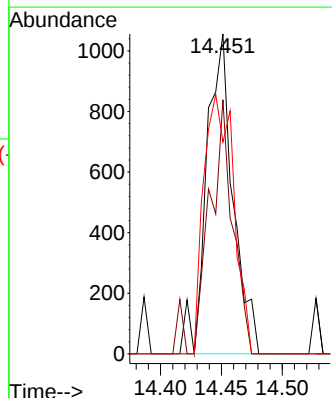
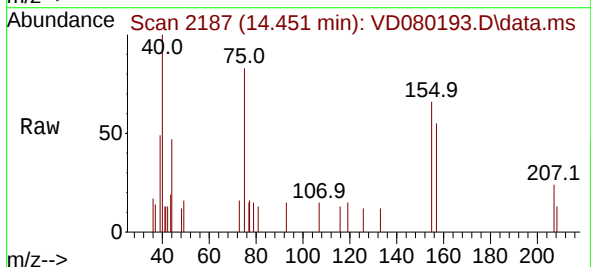
Tgt Ion: 75 Resp: 1596

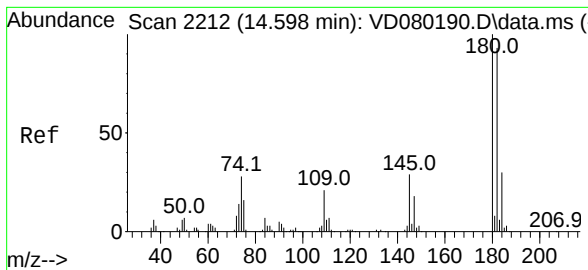
Ion Ratio Lower Upper

75 100

155 79.5 57.3 85.9

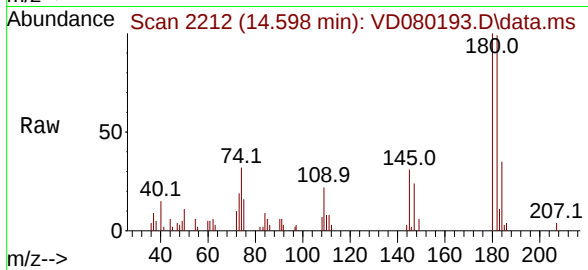
157 66.2 82.0 123.0#



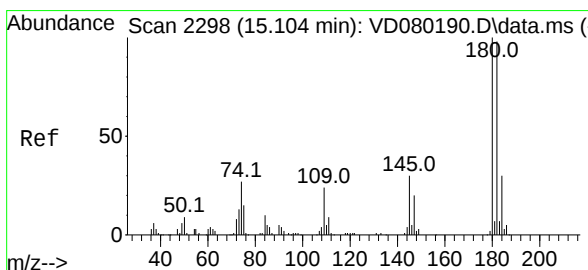
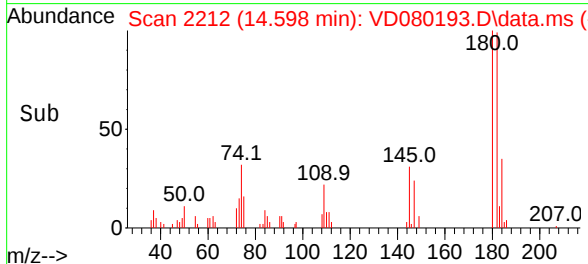
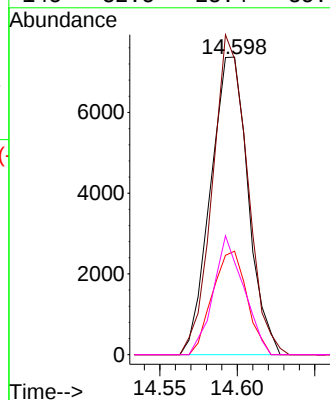


#69
 1,3,5-Trichlorobenzene
 Concen: 2.486 ug/L
 RT: 14.598 min Scan# 2212
 Delta R.T. 0.000 min
 Lab File: VD080193.D
 Acq: 09 Jan 2025 13:16

Instrument :
 MSVOA_D
 ClientSampleId :

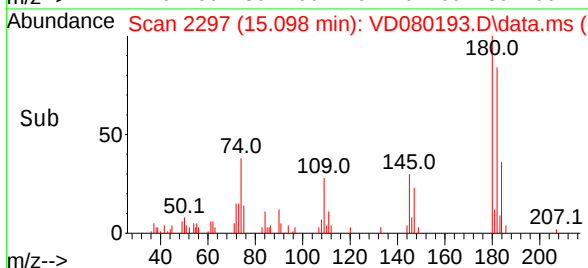
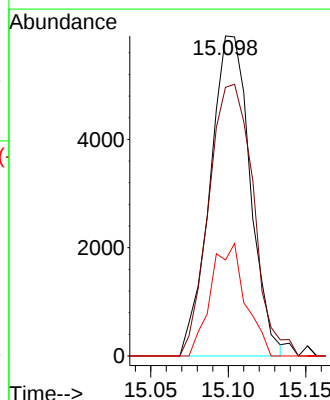
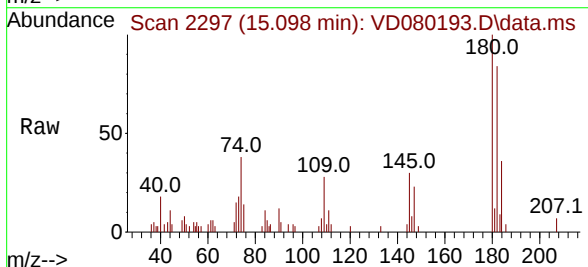


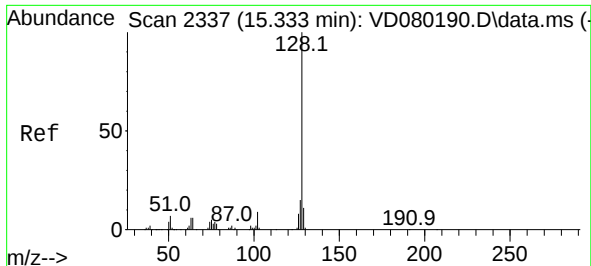
Tgt Ion:180 Resp: 12414
 Ion Ratio Lower Upper
 180 100
 182 99.6 75.4 113.0
 184 31.9 24.0 36.0
 145 32.5 23.4 35.0



#70
 1,2,4-trichlorobenzene
 Concen: 2.617 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD080193.D
 Acq: 09 Jan 2025 13:16

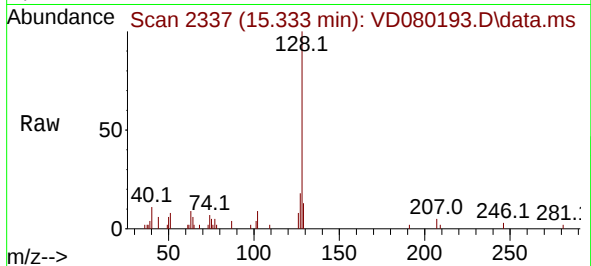
Tgt Ion:180 Resp: 10663
 Ion Ratio Lower Upper
 180 100
 182 93.6 76.9 115.3
 145 30.2 23.5 35.3



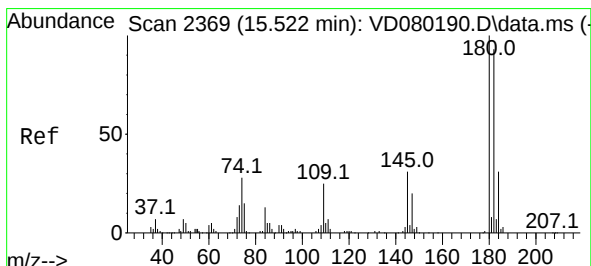
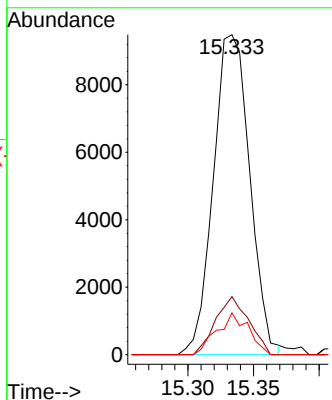
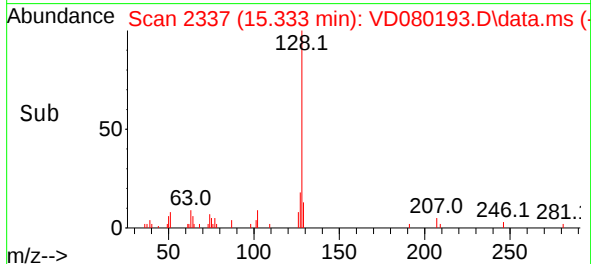


#71
Naphthalene
Concen: 2.556 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16

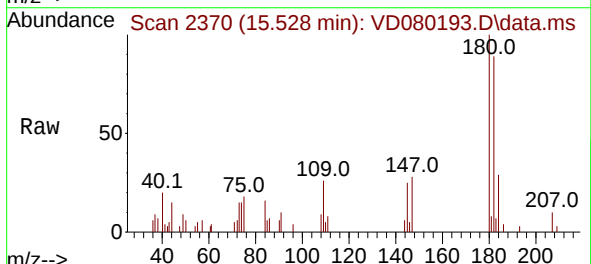
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 18324
Ion Ratio Lower Upper
128 100
127 16.6 11.5 17.3
129 11.3 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 2.617 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD080193.D
Acq: 09 Jan 2025 13:16



Tgt Ion:180 Resp: 9905
Ion Ratio Lower Upper
180 100
182 91.9 74.8 112.2
145 31.0 24.2 36.4

