

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
 Data File : VD080194.D
 Acq On : 09 Jan 2025 13:43
 Operator : RP/MD
 Sample : VSTD005
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 09 19:50:21 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	235804	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	220035	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	105364	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	35655	5.156	ug/L	0.00
7) Chloroethane-d5	2.805	69	28564	5.082	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	5145	3.078	ug/L	0.00
21) 2-Butanone-d5	6.999	46	8912	11.413	ug/L	0.00
24) Chloroform-d	7.569	84	37228	5.031	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	19999	5.160	ug/L	0.00
32) Benzene-d6	8.210	84	71713	5.048	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	25215	5.363	ug/L	0.00
41) Toluene-d8	10.275	98	62527	4.830	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	9072	4.723	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	5487	9.365	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	18305	5.196	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	20644	5.212	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	26282	5.616	ug/L	100
3) Chloromethane	2.152	50	36625	5.740	ug/L	99
5) Vinyl chloride	2.287	62	43871	5.604	ug/L	96
6) Bromomethane	2.693	94	24544	5.383	ug/L	85
8) Chloroethane	2.840	64	26621	5.544	ug/L	92
9) Trichlorofluoromethane	3.181	101	35768	5.499	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	20070	5.408	ug/L #	46
12) 1,1-Dichloroethene	3.940	96	17284	5.217	ug/L	86
13) Acetone	4.028	43	7567	11.957	ug/L	85
14) Carbon disulfide	4.275	76	66445	5.382	ug/L	100
15) Methyl Acetate	4.569	43	4346	2.793	ug/L	99
16) Methylene chloride	4.811	84	21878	5.465	ug/L	99
17) trans-1,2-Dichloroethene	5.322	96	18158	5.010	ug/L	87
18) Methyl tert-butyl Ether	5.322	73	33228	4.839	ug/L #	68
19) 1,1-Dichloroethane	6.128	63	37306	5.362	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	10670	2.815	ug/L	96
22) 2-Butanone	7.087	43	4918	5.460	ug/L #	70
23) Bromochloromethane	7.440	128	9621	5.238	ug/L	89
25) Chloroform	7.599	83	42161	5.468	ug/L	85
27) 1,2-Dichloroethane	8.328	62	23934	5.321	ug/L	98
29) Cyclohexane	7.881	56	25799	4.660	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	31732	5.443	ug/L	99
31) Carbon tetrachloride	7.999	117	27160	5.279	ug/L	99
33) Benzene	8.257	78	77643	5.189	ug/L	100
34) Trichloroethene	9.034	95	20610	5.319	ug/L	95
35) Methylcyclohexane	9.281	83	27738	4.814	ug/L	98
37) 1,2-Dichloropropane	9.310	63	21159	5.191	ug/L	99
38) Bromodichloromethane	9.587	83	26924	5.268	ug/L	88
39) cis-1,3-Dichloropropene	10.022	75	27271	4.733	ug/L	96
40) 4-Methyl-2-pentanone	10.163	43	20200	10.095	ug/L	98
42) Toluene	10.334	91	75539	4.832	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	23495	4.722	ug/L	97

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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)

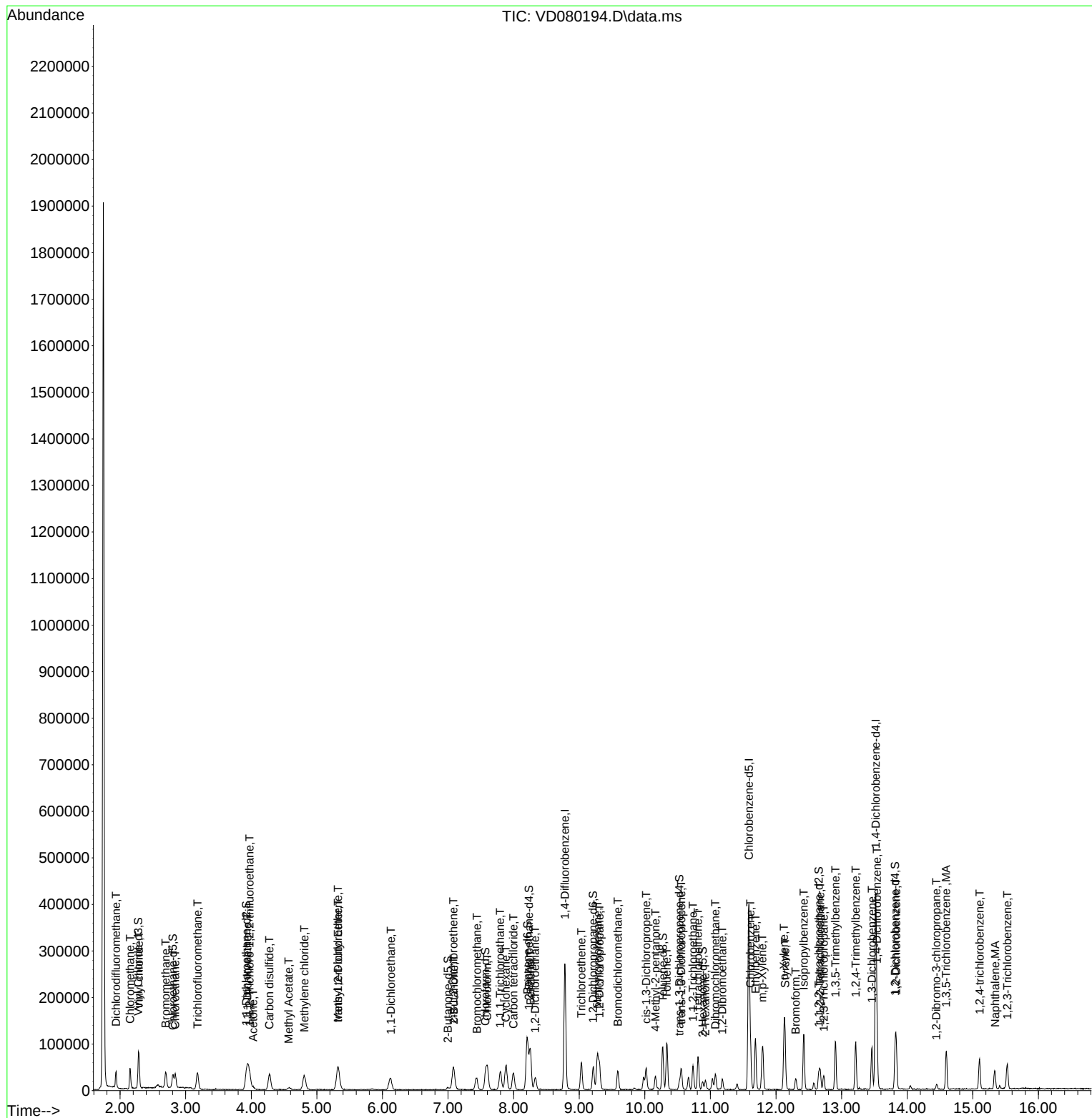
45) 1,1,2-Trichloroethane	10.734	97	16259	5.463	ug/L	93
46) Tetrachloroethene	10.810	164	16283	5.215	ug/L	98
48) 2-Hexanone	10.922	43	12603	9.451	ug/L	97
49) Dibromochloromethane	11.075	129	17245	5.203	ug/L	93
50) 1,2-Dibromoethane	11.181	107	14362	5.310	ug/L #	99
51) Chlorobenzene	11.610	112	51130	5.102	ug/L	97
52) Ethylbenzene	11.687	91	78814	4.699	ug/L	95
53) m,p-Xylene	11.793	106	29616	4.724	ug/L	95
54) o-Xylene	12.122	106	26402	4.502	ug/L	98
55) Styrene	12.140	104	47186	4.443	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	17761	5.264	ug/L	84
59) Bromoform	12.298	173	10568	5.590	ug/L	97
60) Isopropylbenzene	12.422	105	72915	4.962	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	12447	5.587	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	55077	4.703	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	52836	4.625	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	38119	5.303	ug/L	95
65) 1,4-Dichlorobenzene	13.540	146	40276	5.427	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	33894	5.264	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	2567	5.274	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	26081	5.336	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	19857	4.978	ug/L	97
71) Naphthalene	15.339	128	33520	4.776	ug/L	98
72) 1,2,3-Trichlorobenzene	15.528	180	19011	5.132	ug/L	98

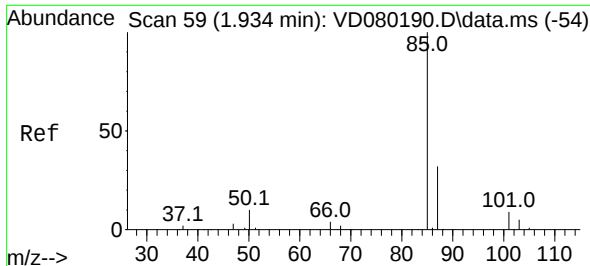
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 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 09 19:50:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM010925SMA.M
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 QLast Update : Thu Jan 09 19:44:54 2025
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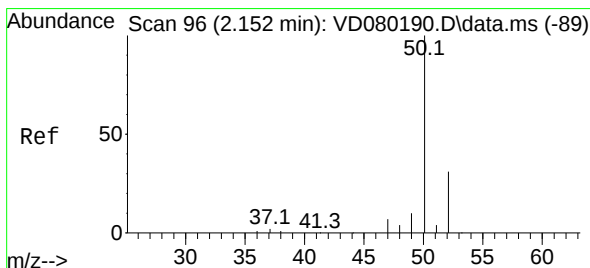
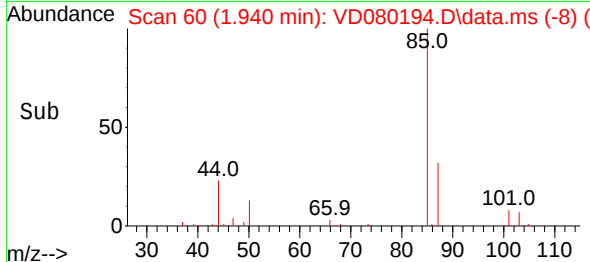
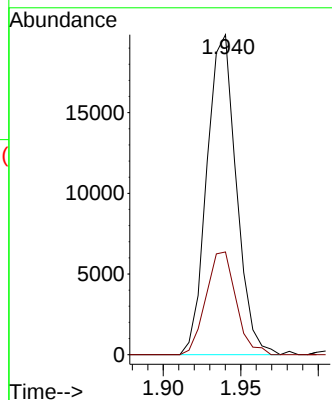
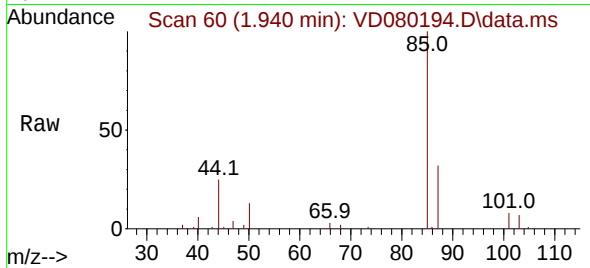




#2
 Dichlorodifluoromethane
 Concen: 5.616 ug/L
 RT: 1.940 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: VD080194.D
 Acq: 09 Jan 2025 13:43

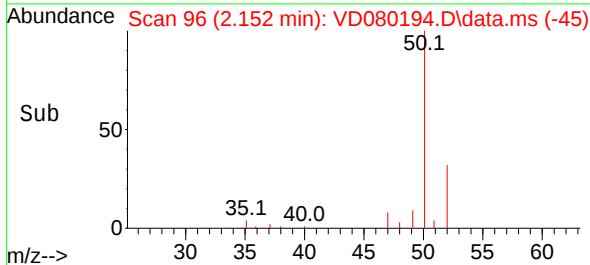
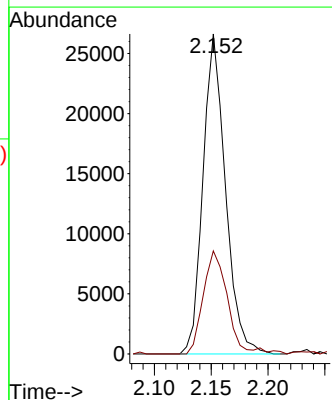
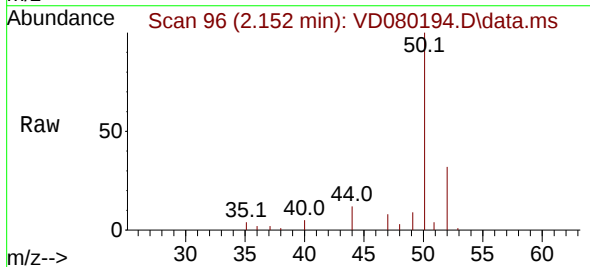
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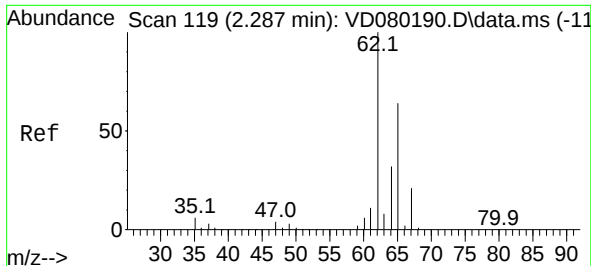
Tgt Ion: 85 Resp: 26282
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.4 39.6



#3
 Chloromethane
 Concen: 5.740 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VD080194.D
 Acq: 09 Jan 2025 13:43

Tgt Ion: 50 Resp: 36625
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.0 40.8

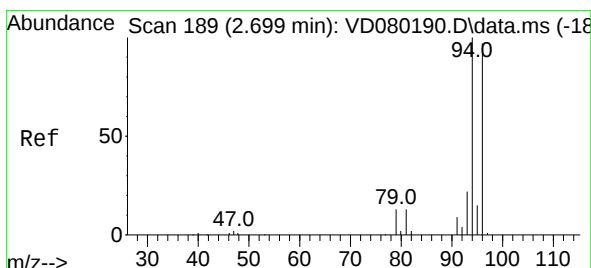
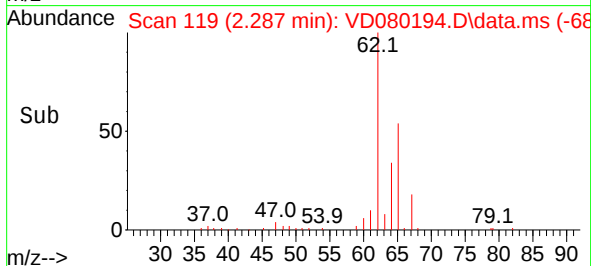
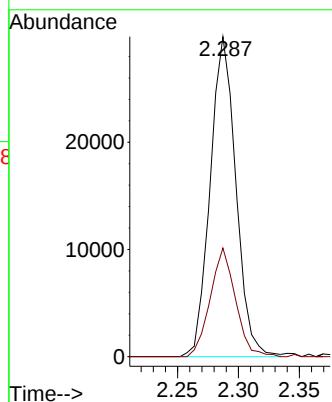
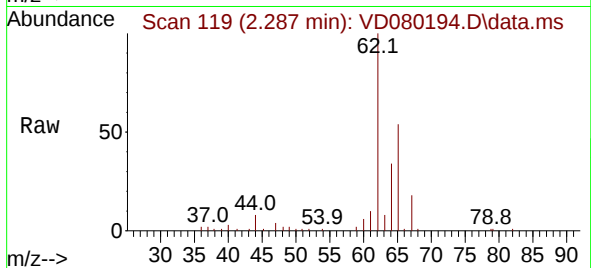




#5
 Vinyl chloride
 Concen: 5.604 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD080194.D
 Acq: 09 Jan 2025 13:43

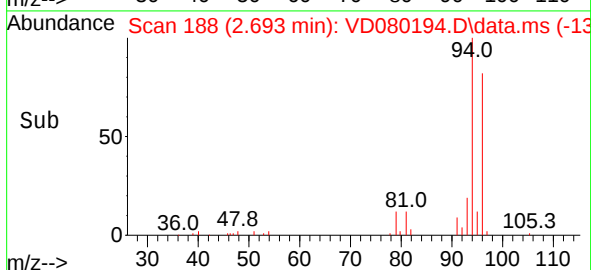
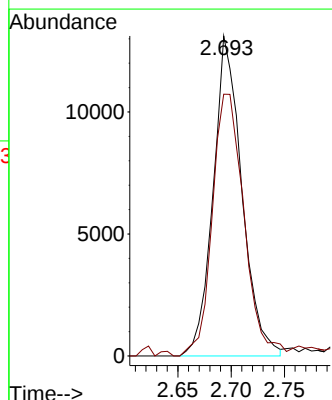
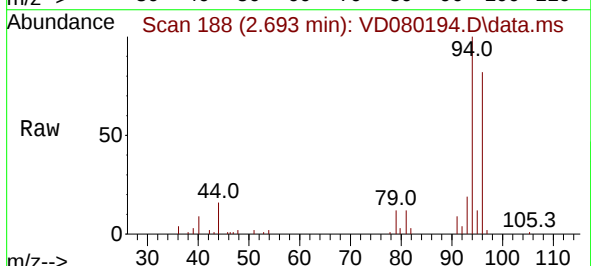
Instrument :
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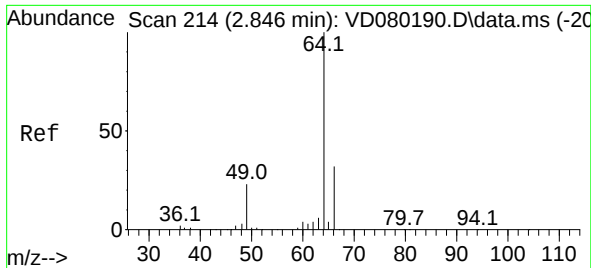
Tgt Ion: 62 Resp: 43871
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.3 41.5



#6
 Bromomethane
 Concen: 5.383 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD080194.D
 Acq: 09 Jan 2025 13:43

Tgt Ion: 94 Resp: 24544
 Ion Ratio Lower Upper
 94 100
 96 81.8 67.7 125.7

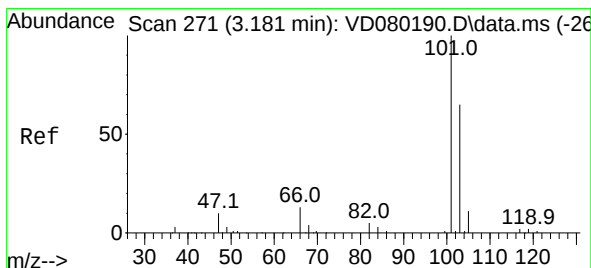
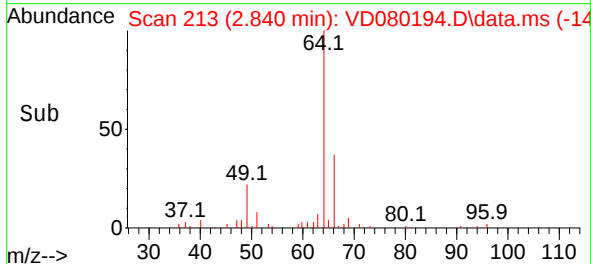
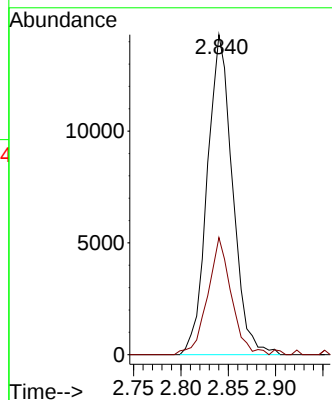
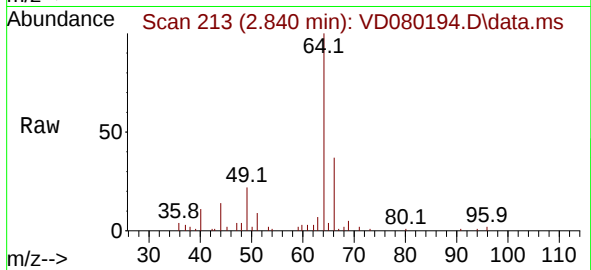




#8
Chloroethane
Concen: 5.544 ug/L
RT: 2.840 min Scan# 214
Delta R.T. -0.006 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

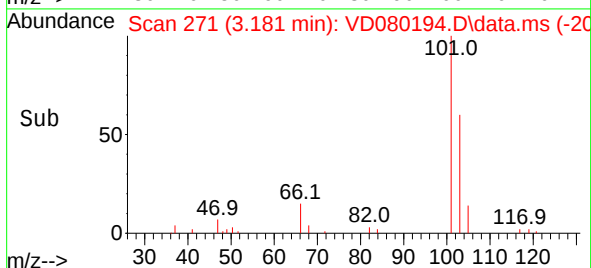
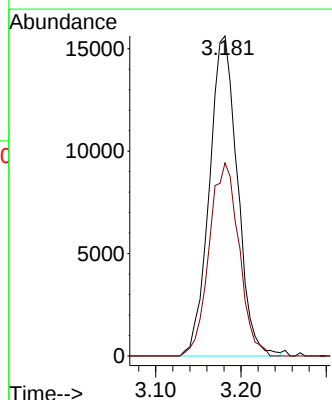
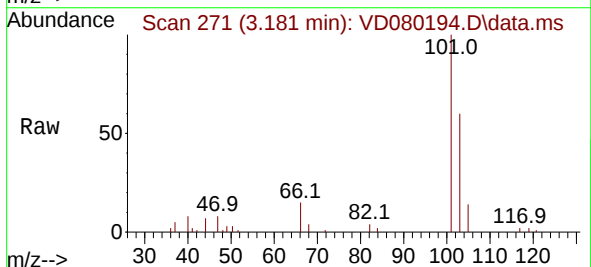
Instrument :
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ClientSampleId :

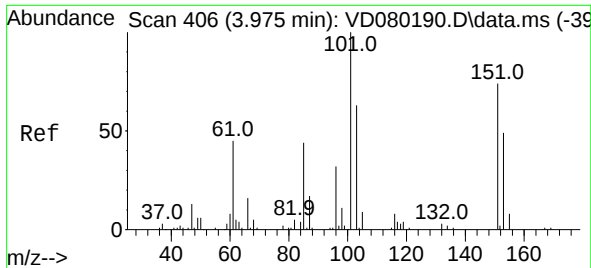
Tgt Ion: 64 Resp: 26621
Ion Ratio Lower Upper
64 100
66 36.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.499 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

Tgt Ion:101 Resp: 35768
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.2

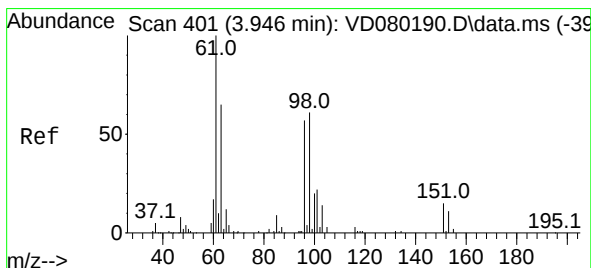
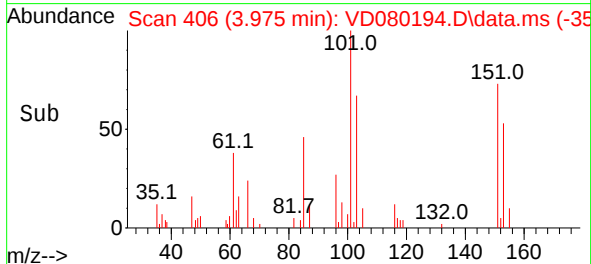
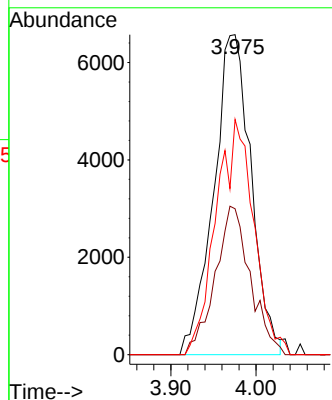
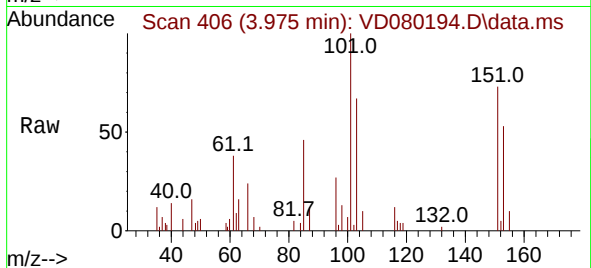




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.408 ug/L
 RT: 3.975 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: VD080194.D
 Acq: 09 Jan 2025 13:43

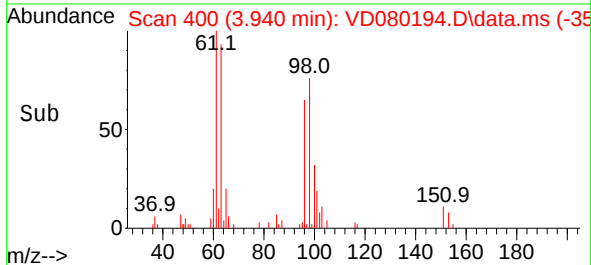
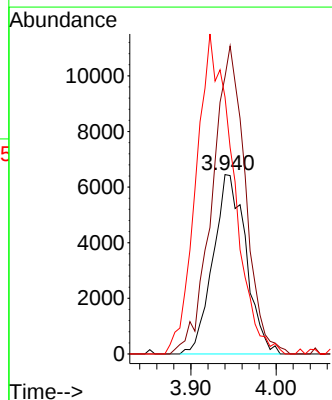
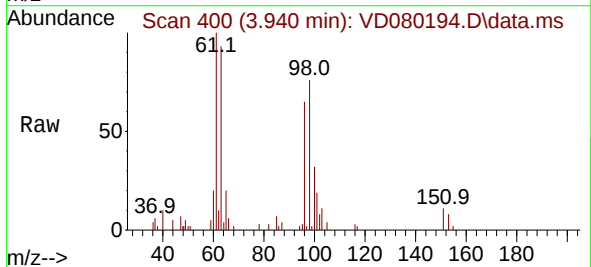
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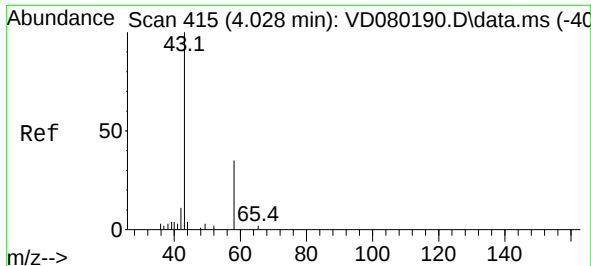
Tgt Ion:101 Resp: 20070
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 36.7 60.0 90.0#



#12
 1,1-Dichloroethene
 Concen: 5.217 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD080194.D
 Acq: 09 Jan 2025 13:43

Tgt Ion: 96 Resp: 17284
 Ion Ratio Lower Upper
 96 100
 61 154.5 123.1 228.7
 63 143.2 89.6 166.4

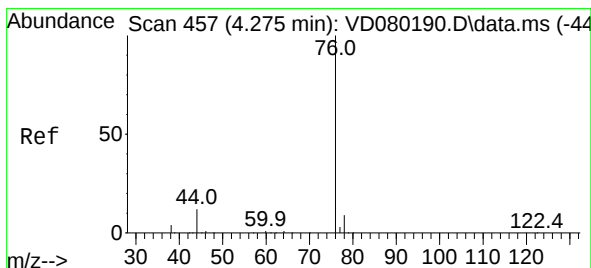
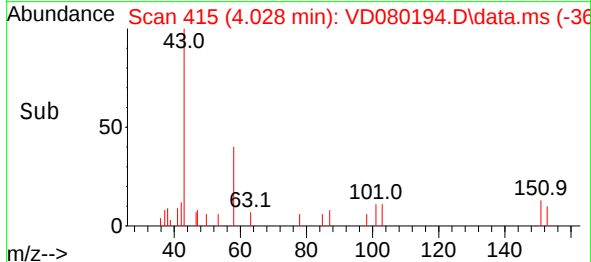
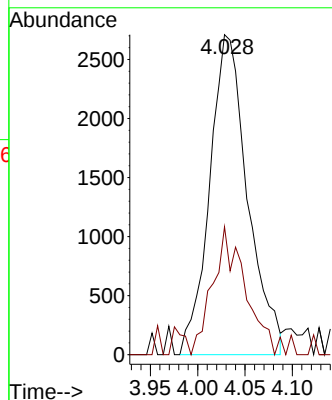
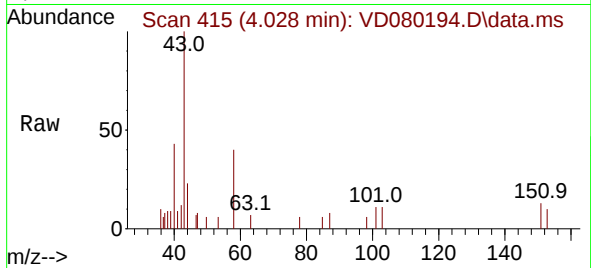




#13
Acetone
Concen: 11.957 ug/L
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

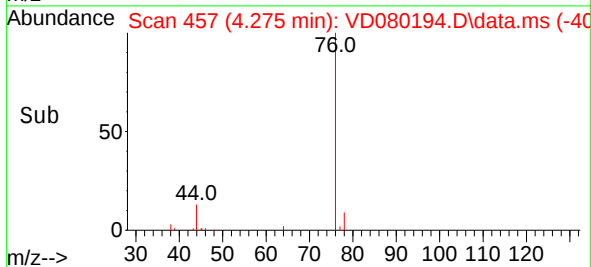
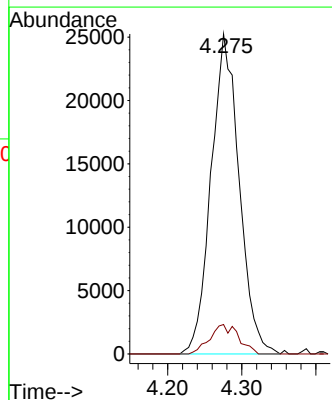
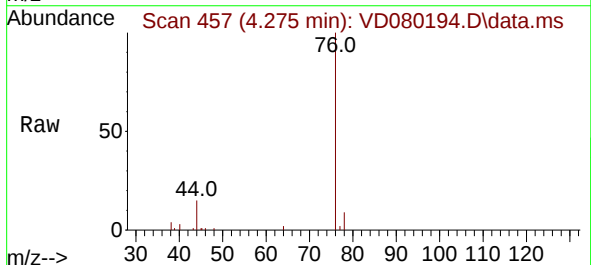
Instrument :
MSVOA_D
ClientSampleId :

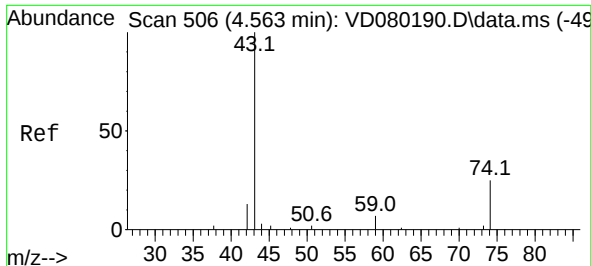
Tgt Ion: 43 Resp: 7567
Ion Ratio Lower Upper
43 100
58 18.7 0.0 52.8



#14
Carbon disulfide
Concen: 5.382 ug/L
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

Tgt Ion: 76 Resp: 66445
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3





#15

Methyl Acetate

Concen: 2.793 ug/L

RT: 4.569 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD080194.D

Acq: 09 Jan 2025 13:43

Instrument :

MSVOA_D

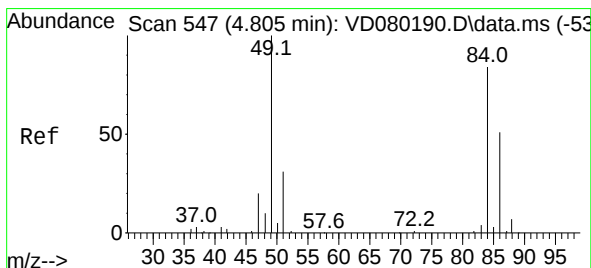
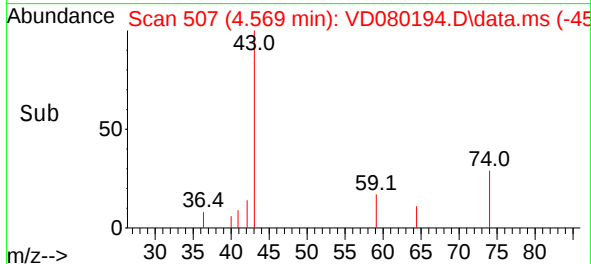
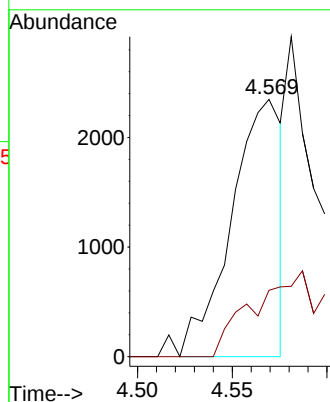
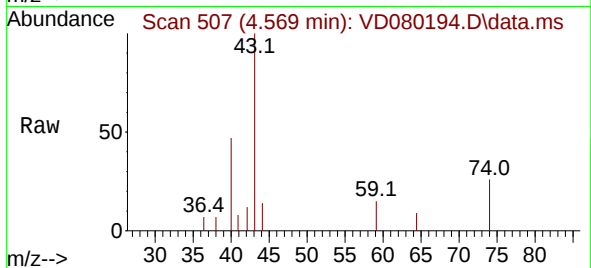
ClientSampleId :

Tgt Ion: 43 Resp: 4346

Ion Ratio Lower Upper

43 100

74 12.3 10.1 15.1



#16

Methylene chloride

Concen: 5.465 ug/L

RT: 4.811 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD080194.D

Acq: 09 Jan 2025 13:43

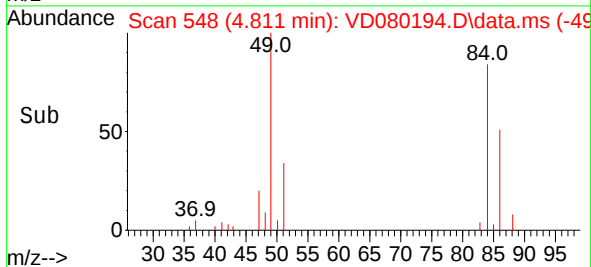
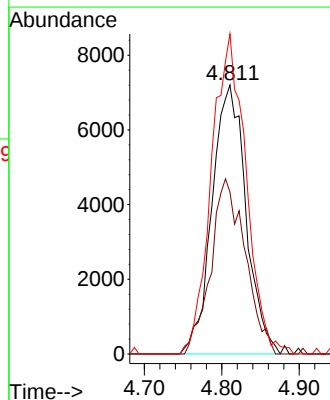
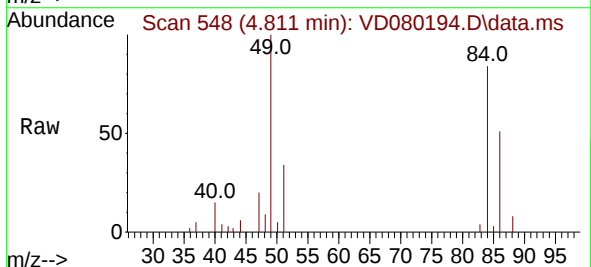
Tgt Ion: 84 Resp: 21878

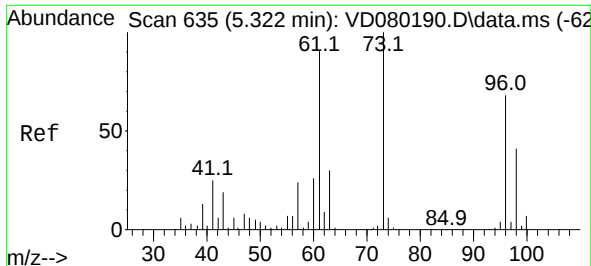
Ion Ratio Lower Upper

84 100

86 60.2 42.8 79.4

49 119.0 83.1 154.3

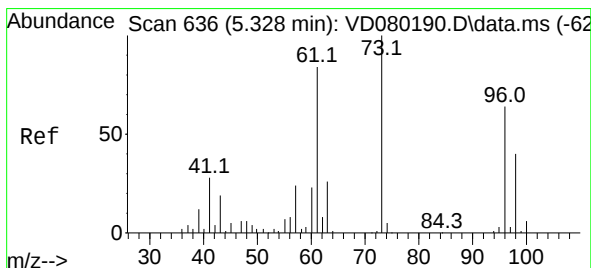
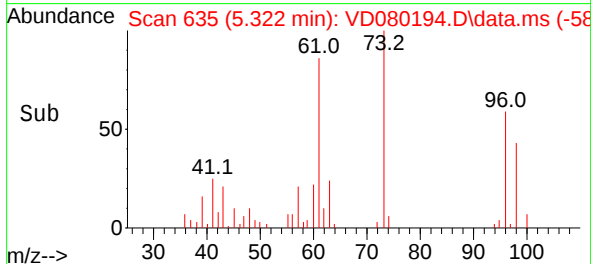
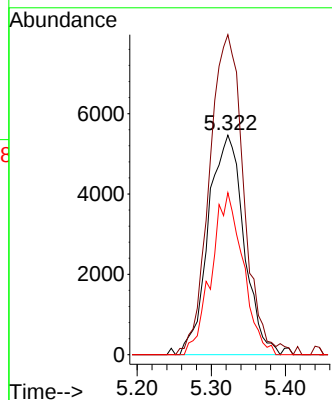
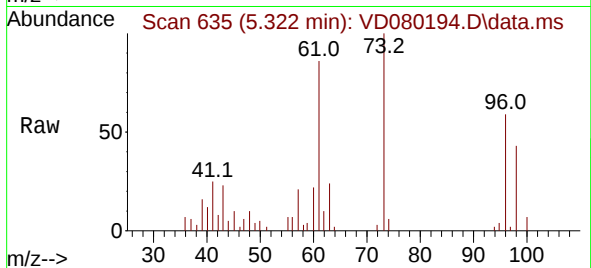




#17
trans-1,2-Dichloroethene
Concen: 5.010 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

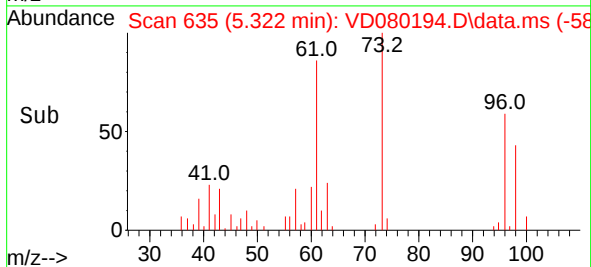
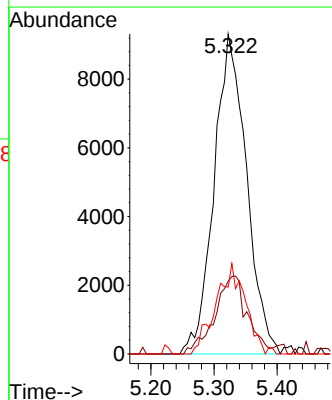
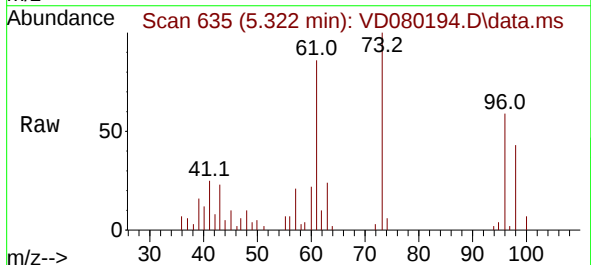
Instrument :
MSVOA_D
ClientSampleId :

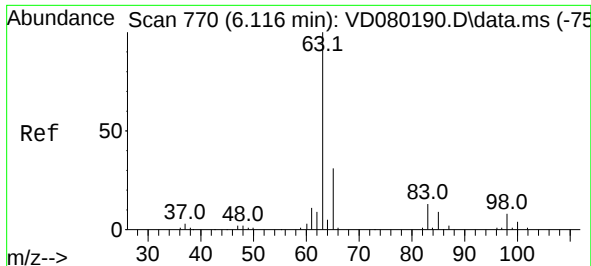
Tgt Ion: 96 Resp: 18158
Ion Ratio Lower Upper
96 100
61 145.8 93.7 173.9
98 73.8 42.1 78.1



#18
Methyl tert-butyl Ether
Concen: 4.839 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.006 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

Tgt Ion: 73 Resp: 33228
Ion Ratio Lower Upper
73 100
43 13.6 16.6 24.8#
57 1.0 18.9 28.3#





#19

1,1-Dichloroethane

Concen: 5.362 ug/L

RT: 6.128 min Scan# 71

Delta R.T. 0.012 min

Lab File: VD080194.D

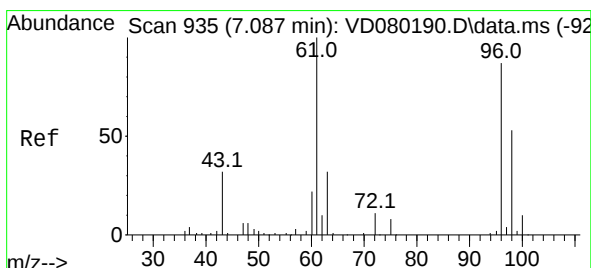
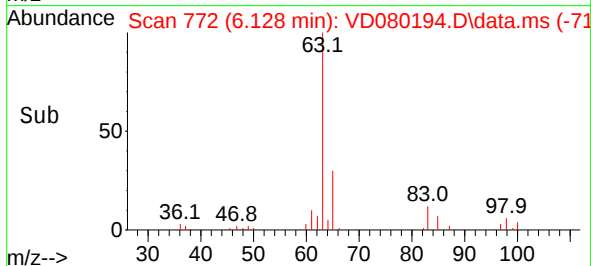
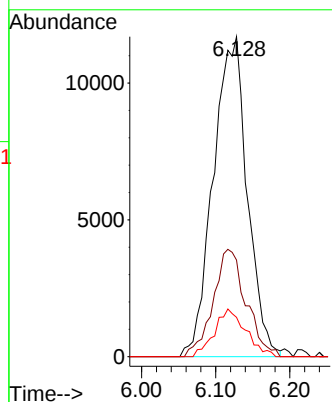
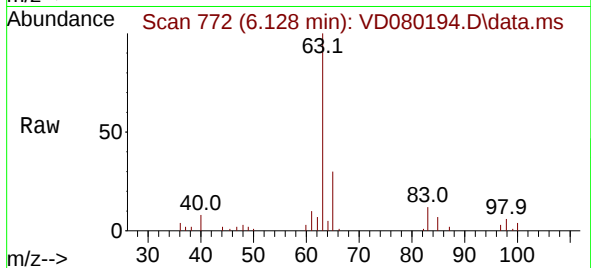
Acq: 09 Jan 2025 13:43

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	63	Resp:	37306
Ion	Ratio	Lower	Upper
63	100		
65	30.2	21.7	40.3
83	12.3	8.8	16.4



#20

cis-1,2-Dichloroethene

Concen: 2.815 ug/L

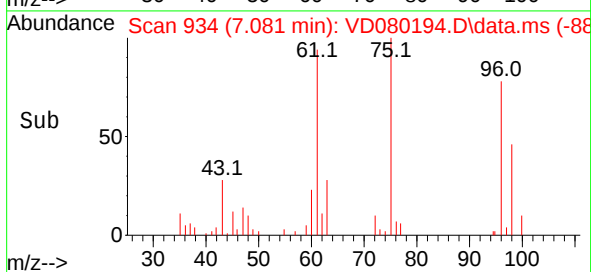
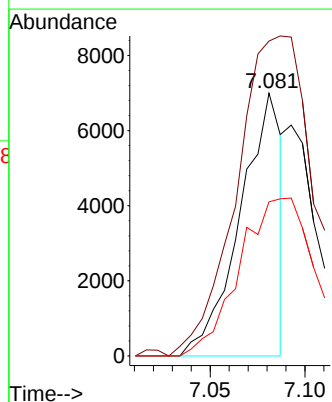
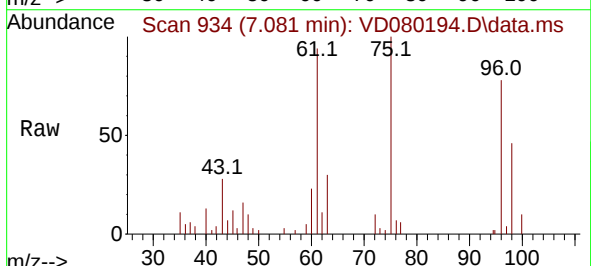
RT: 7.081 min Scan# 934

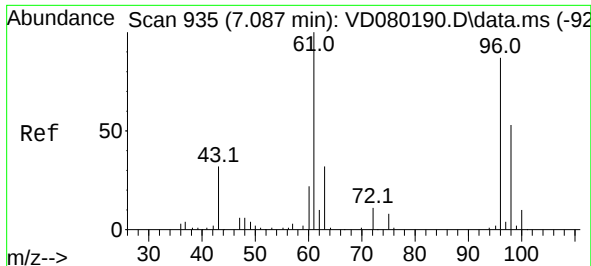
Delta R.T. -0.006 min

Lab File: VD080194.D

Acq: 09 Jan 2025 13:43

Tgt Ion:	96	Resp:	10670
Ion	Ratio	Lower	Upper
96	100		
61	119.8	80.8	150.0
98	58.7	42.6	79.0





#22

2-Butanone

Concen: 5.460 ug/L

RT: 7.087 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD080194.D

Acq: 09 Jan 2025 13:43

Instrument :

MSVOA_D

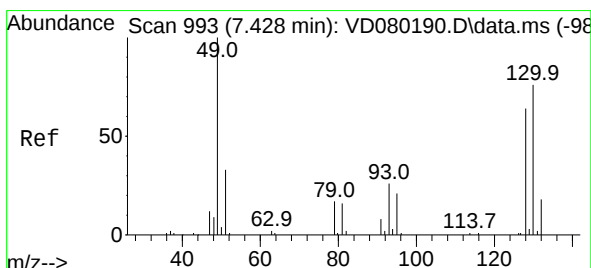
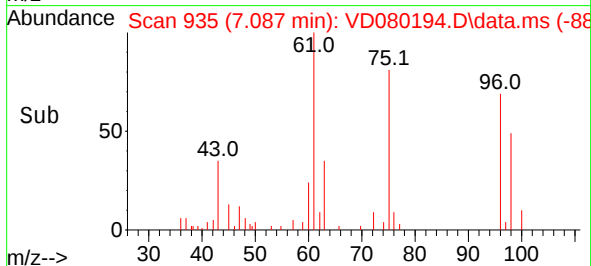
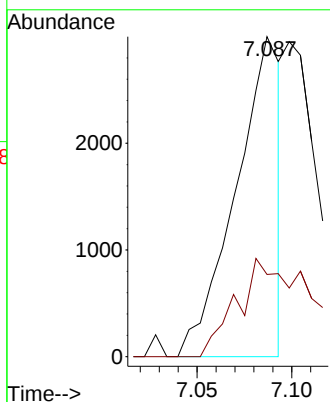
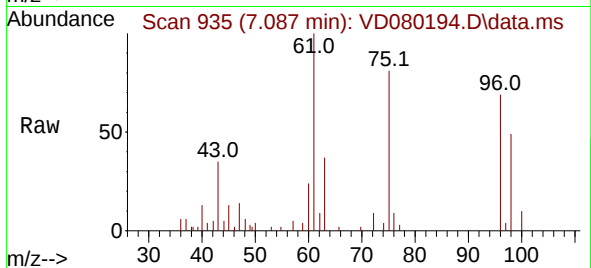
ClientSampleId :

Tgt Ion: 43 Resp: 4918

Ion Ratio Lower Upper

43 100

72 12.2 14.0 42.0#



#23

Bromochloromethane

Concen: 5.238 ug/L

RT: 7.440 min Scan# 995

Delta R.T. 0.012 min

Lab File: VD080194.D

Acq: 09 Jan 2025 13:43

Tgt Ion:128 Resp: 9621

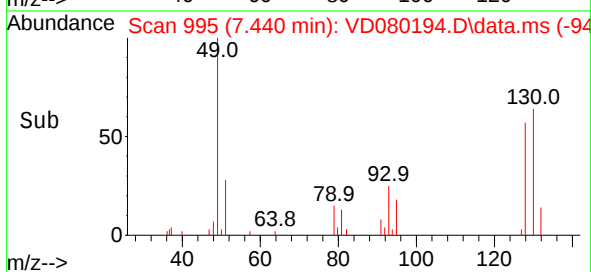
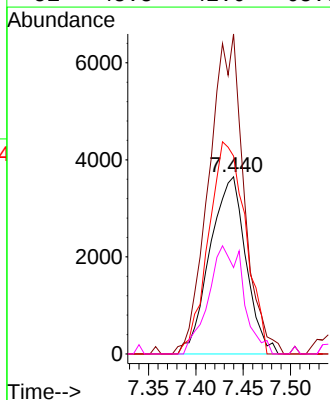
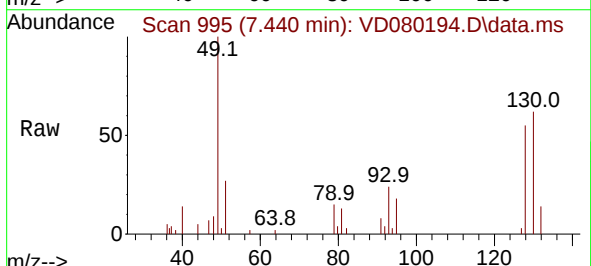
Ion Ratio Lower Upper

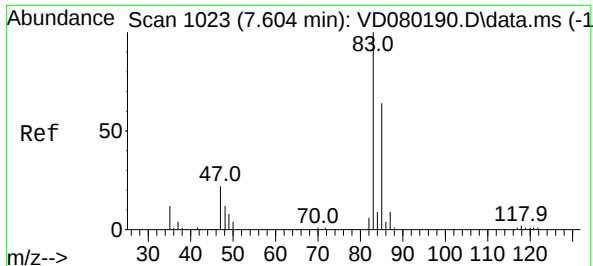
128 100

49 180.7 110.7 205.7

130 111.8 83.1 154.3

51 48.8 42.0 63.0





#25

Chloroform

Concen: 5.468 ug/L

RT: 7.599 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080194.D

Acq: 09 Jan 2025 13:43

Instrument :

MSVOA_D

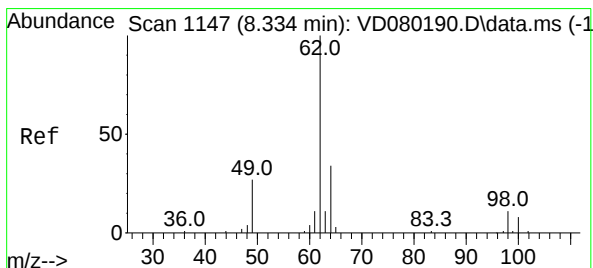
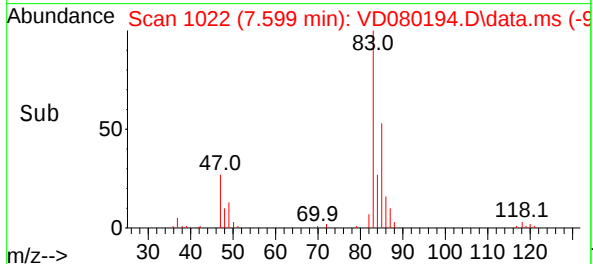
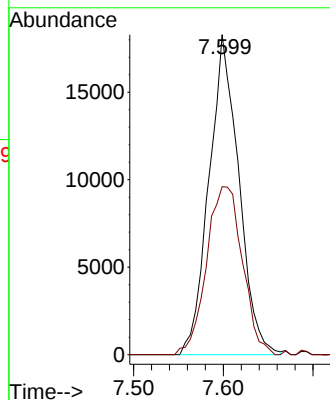
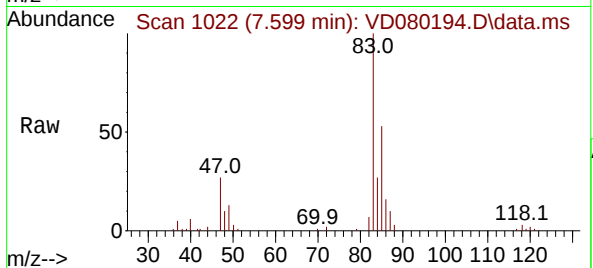
ClientSampleId :

Tgt Ion: 83 Resp: 42161

Ion Ratio Lower Upper

83 100

85 52.5 45.1 83.9



#27

1,2-Dichloroethane

Concen: 5.321 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.006 min

Lab File: VD080194.D

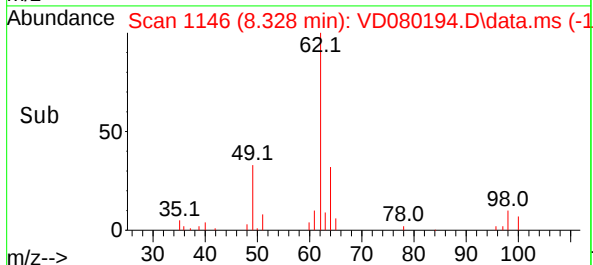
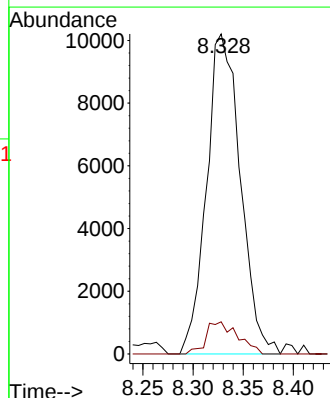
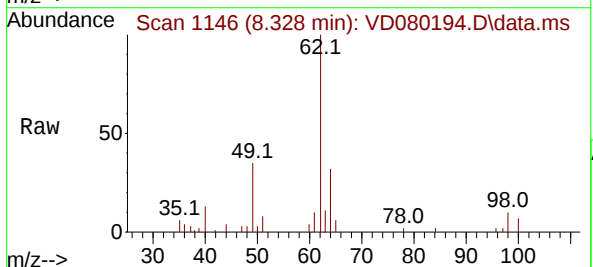
Acq: 09 Jan 2025 13:43

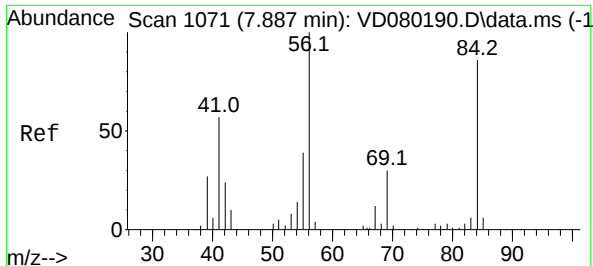
Tgt Ion: 62 Resp: 23934

Ion Ratio Lower Upper

62 100

98 10.0 8.6 13.0

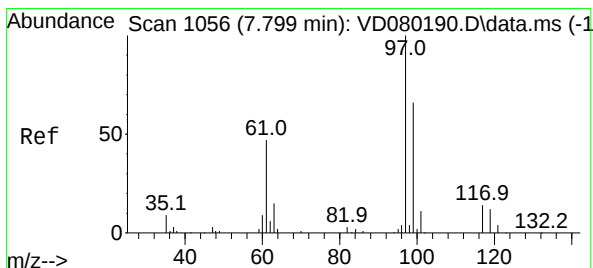
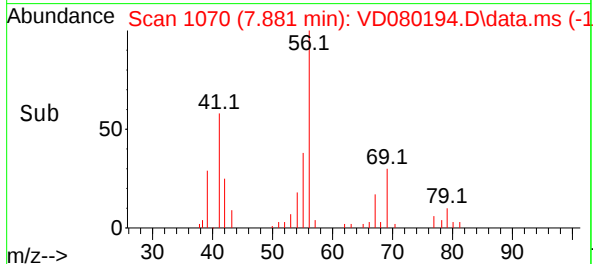
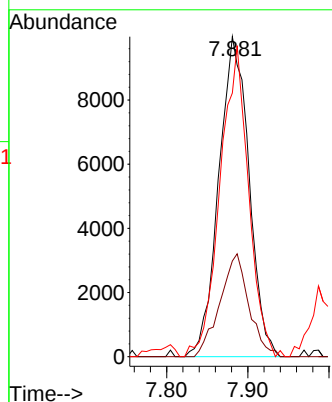
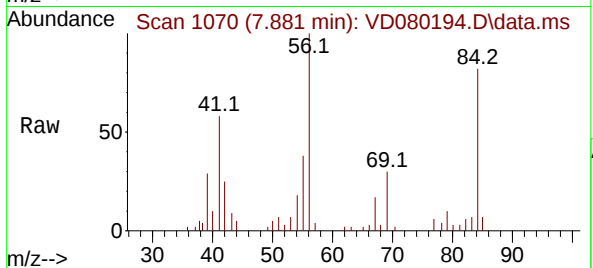




#29
Cyclohexane
Concen: 4.660 ug/L
RT: 7.881 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

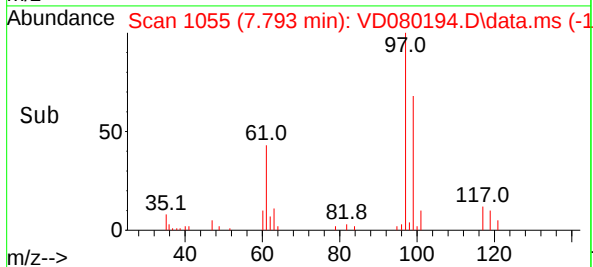
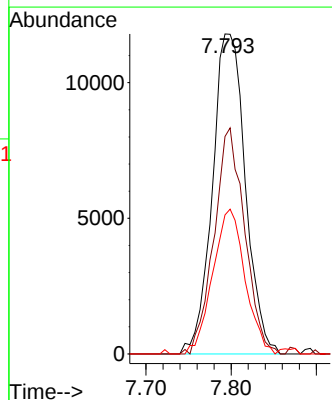
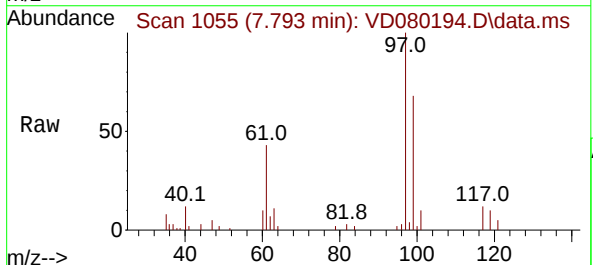
Instrument :
MSVOA_D
ClientSampleId :

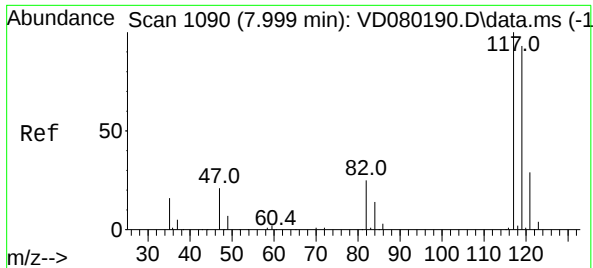
Tgt Ion: 56 Resp: 25799
Ion Ratio Lower Upper
56 100
69 30.8 24.2 36.4
84 90.3 68.8 103.2



#30
1,1,1-Trichloroethane
Concen: 5.443 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

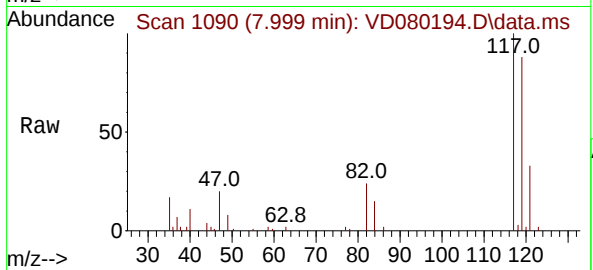
Tgt Ion: 97 Resp: 31732
Ion Ratio Lower Upper
97 100
99 65.4 51.7 77.5
61 44.3 35.8 53.6



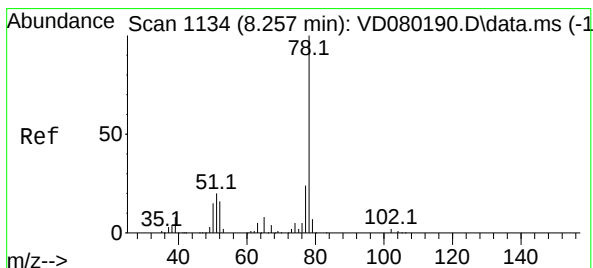
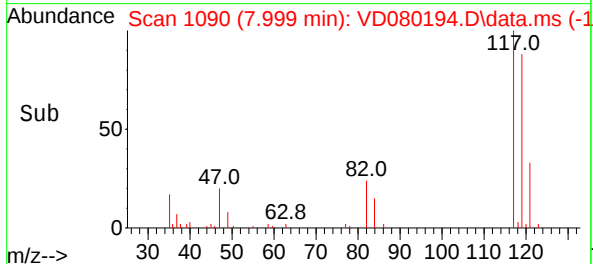
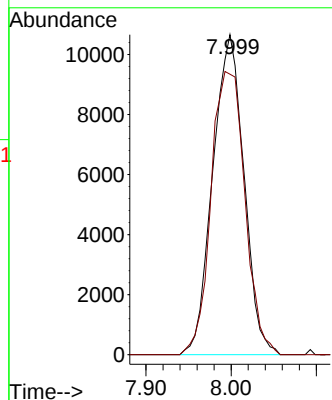


#31
Carbon tetrachloride
Concen: 5.279 ug/L
RT: 7.999 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

Instrument :
MSVOA_D
ClientSampleId :

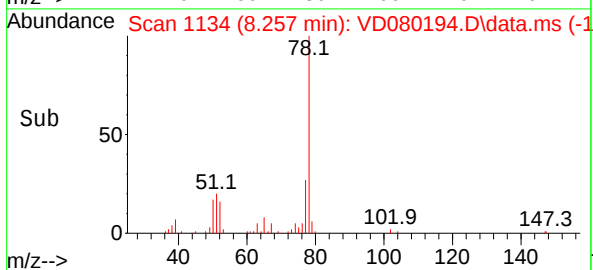
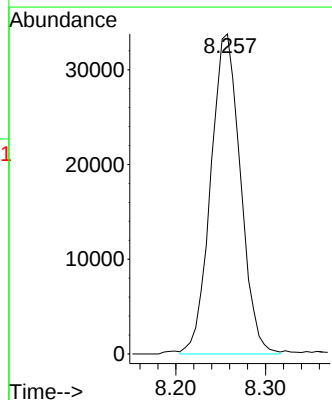
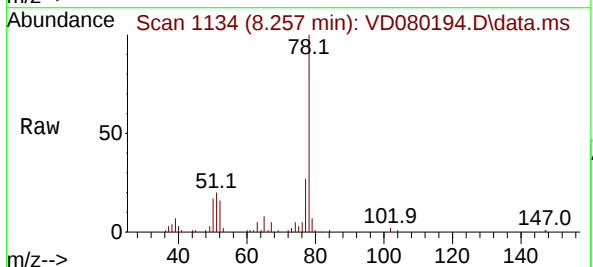


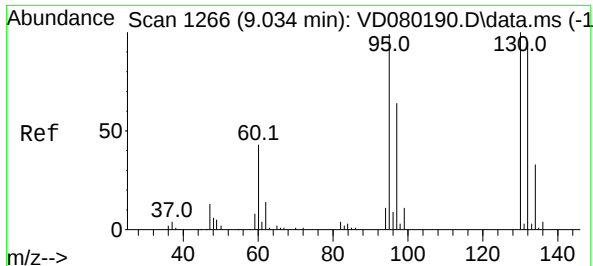
Tgt Ion:117 Resp: 27160
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8



#33
Benzene
Concen: 5.189 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

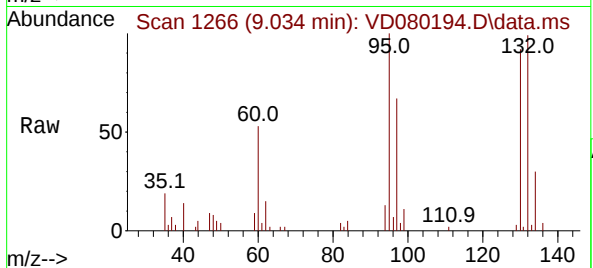
Tgt Ion: 78 Resp: 77643





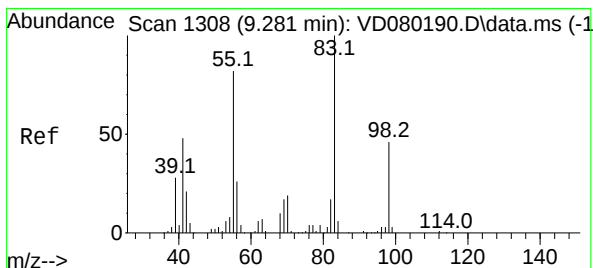
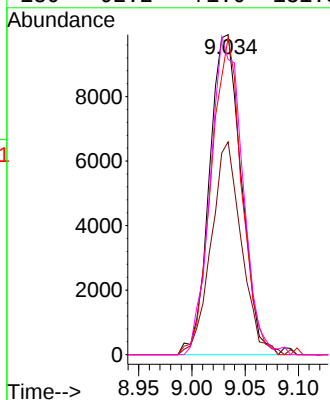
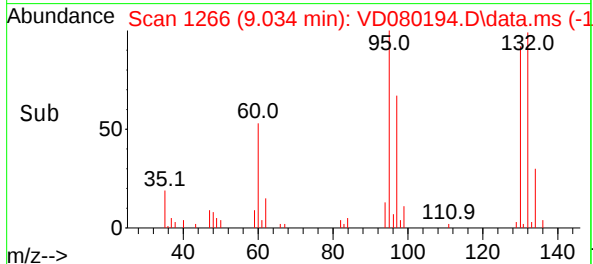
#34
Trichloroethene
Concen: 5.319 ug/L
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

Instrument :
MSVOA_D
ClientSampleId :

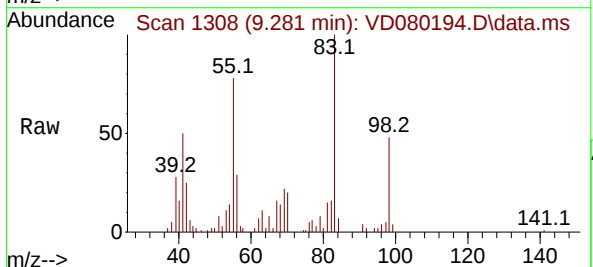


Tgt Ion: 95 Resp: 20610

Ion	Ratio	Lower	Upper
95	100		
97	66.5	45.6	84.6
132	99.0	67.2	124.8
130	92.2	71.0	131.8

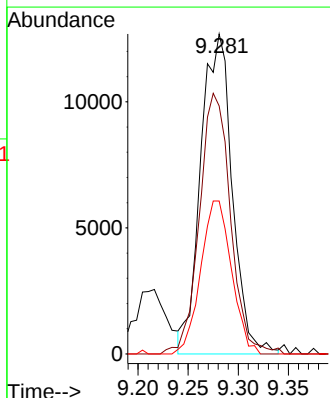
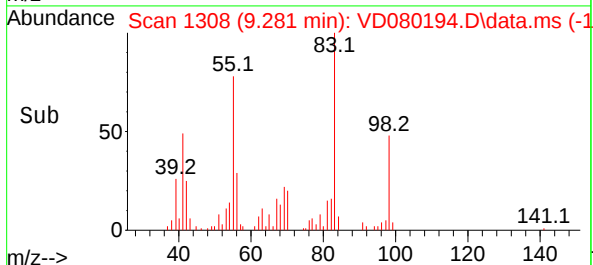


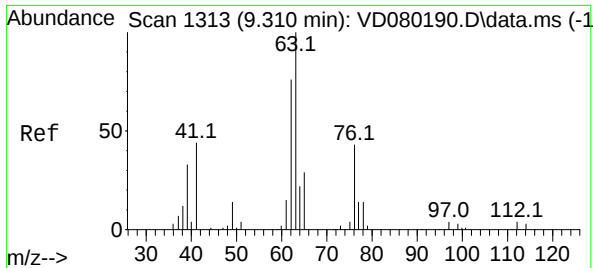
#35
Methylcyclohexane
Concen: 4.814 ug/L
RT: 9.281 min Scan# 1308
Delta R.T. 0.000 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43



Tgt Ion: 83 Resp: 27738

Ion	Ratio	Lower	Upper
83	100		
55	79.3	65.6	98.4
98	46.8	37.7	56.5

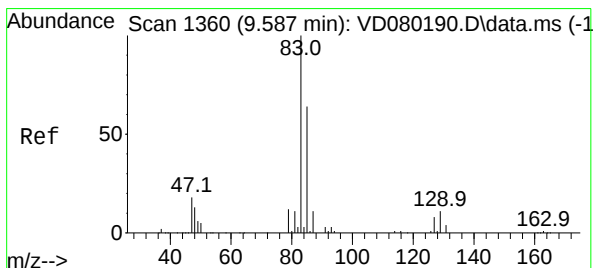
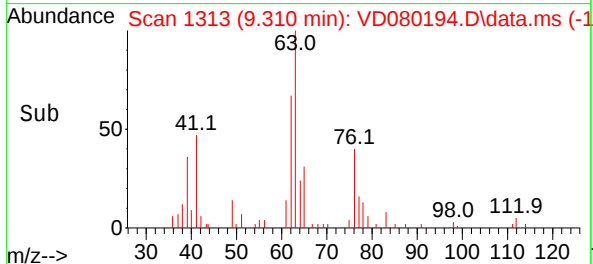
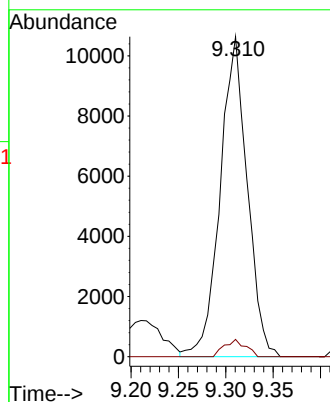
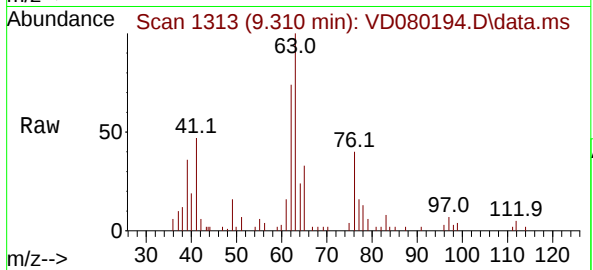




#37
1,2-Dichloropropane
Concen: 5.191 ug/L
RT: 9.310 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

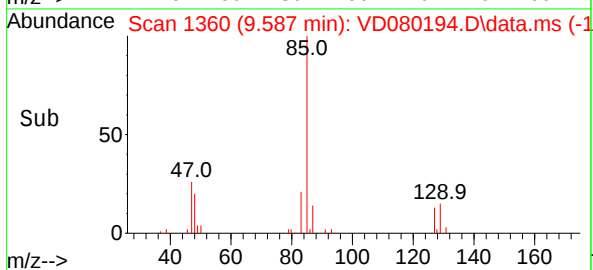
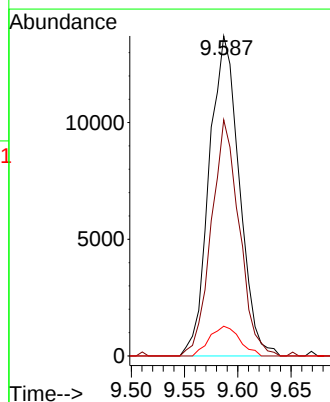
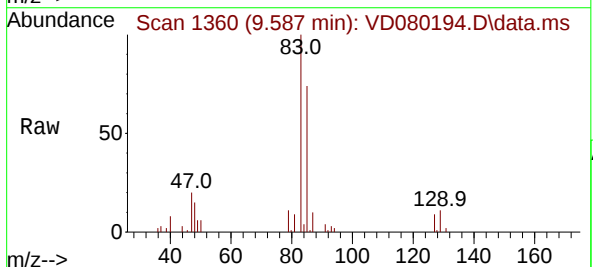
Instrument :
MSVOA_D
ClientSampleId :

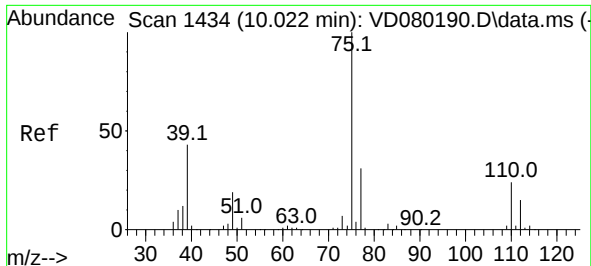
Tgt Ion: 63 Resp: 21159
Ion Ratio Lower Upper
63 100
112 4.2 3.6 5.4



#38
Bromodichloromethane
Concen: 5.268 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

Tgt Ion: 83 Resp: 26924
Ion Ratio Lower Upper
83 100
85 73.8 44.6 82.8
127 9.3 6.7 10.1

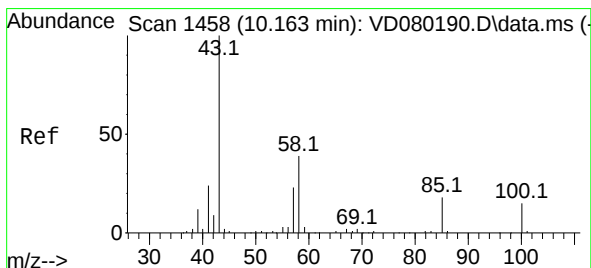
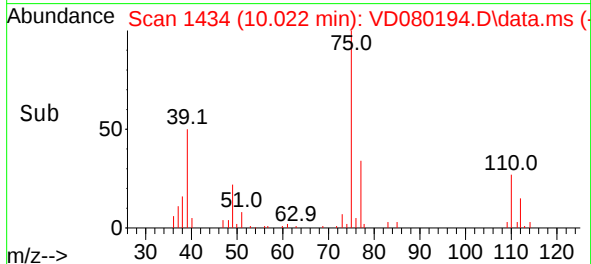
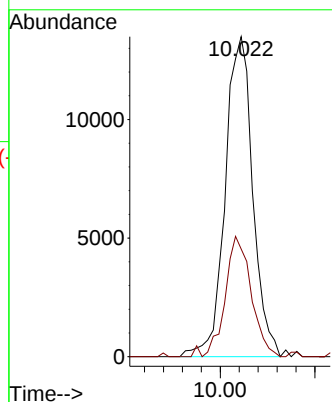
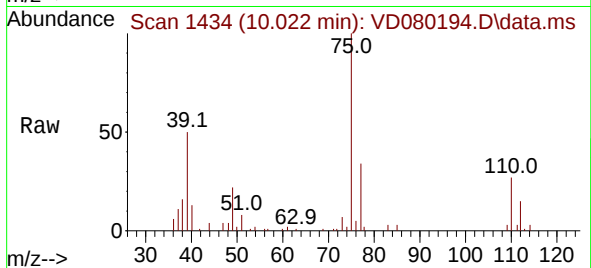




#39
cis-1,3-Dichloropropene
Concen: 4.733 ug/L
RT: 10.022 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

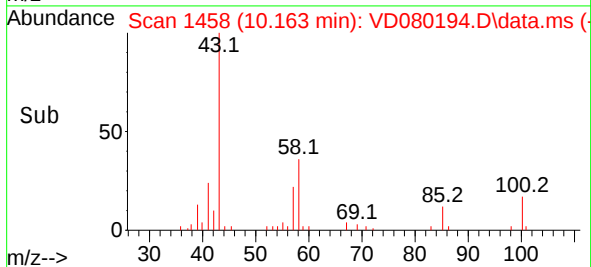
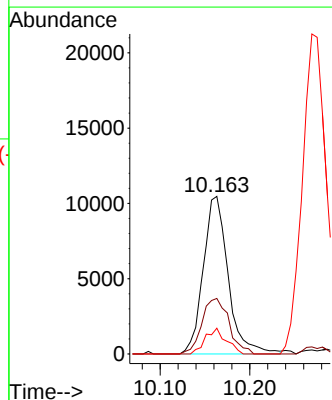
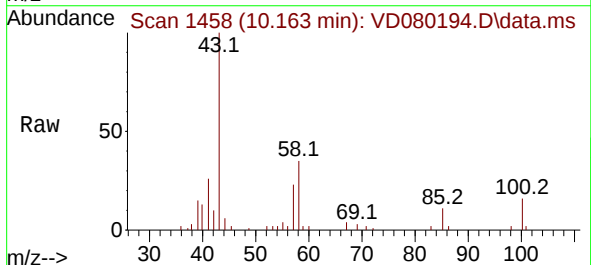
Instrument :
MSVOA_D
ClientSampleId :

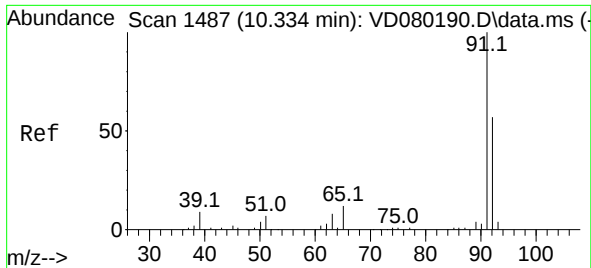
Tgt Ion: 75 Resp: 27271
Ion Ratio Lower Upper
75 100
77 33.6 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 10.095 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

Tgt Ion: 43 Resp: 20200
Ion Ratio Lower Upper
43 100
58 38.2 31.0 46.6
100 13.6 12.1 18.1





#42

Toluene

Concen: 4.832 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD080194.D

Acq: 09 Jan 2025 13:43

Instrument :

MSVOA_D

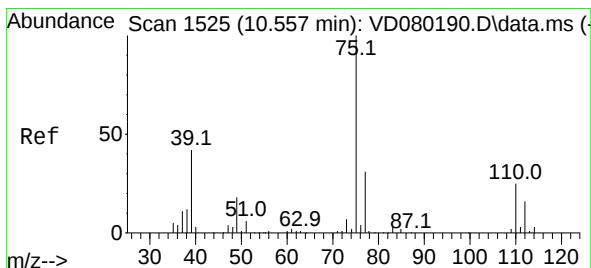
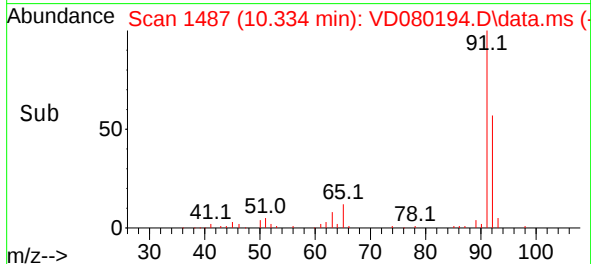
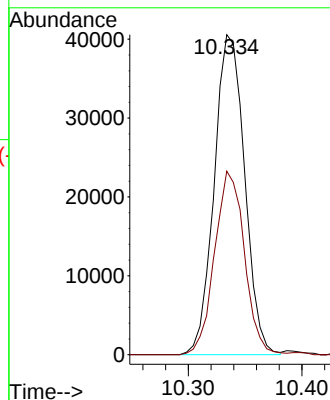
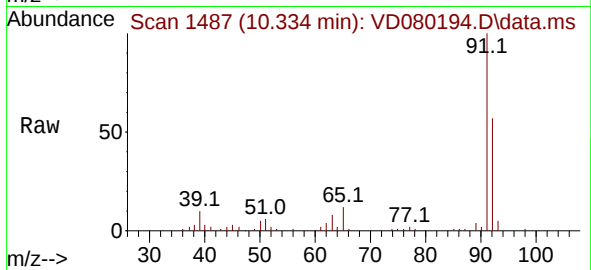
ClientSampleId :

Tgt Ion: 91 Resp: 75539

Ion Ratio Lower Upper

91 100

92 57.4 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 4.722 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD080194.D

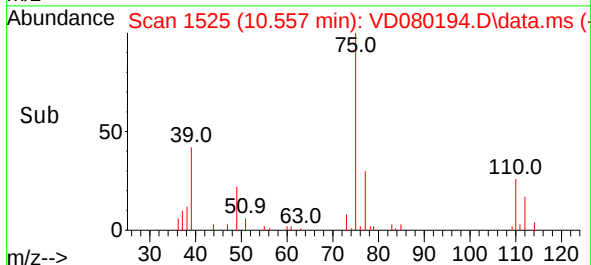
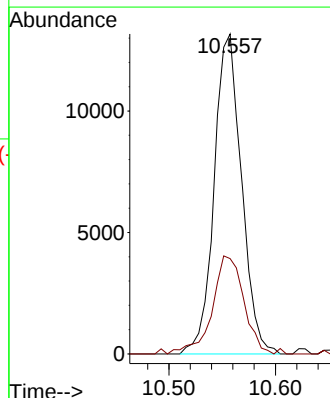
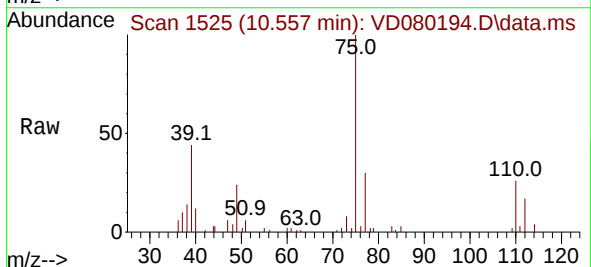
Acq: 09 Jan 2025 13:43

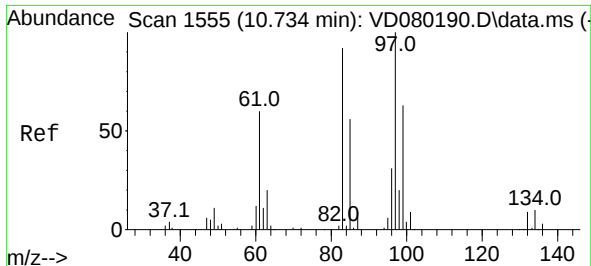
Tgt Ion: 75 Resp: 23495

Ion Ratio Lower Upper

75 100

77 29.8 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 5.463 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

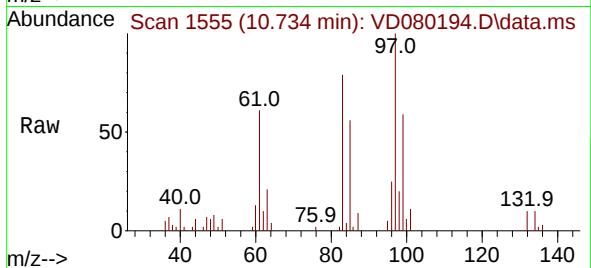
Lab File: VD080194.D

Acq: 09 Jan 2025 13:43

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 16259

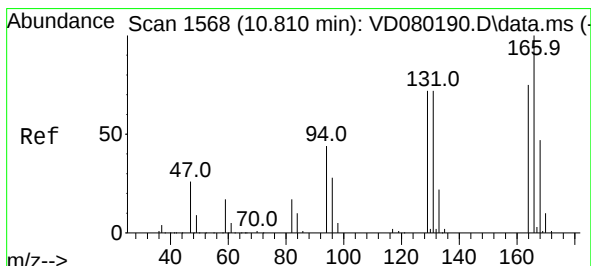
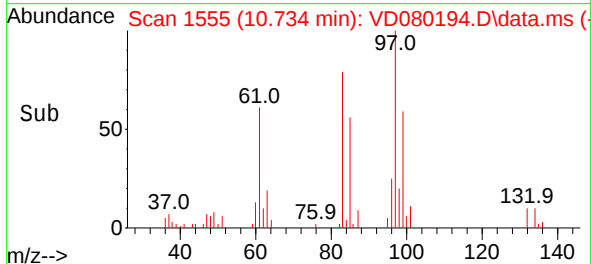
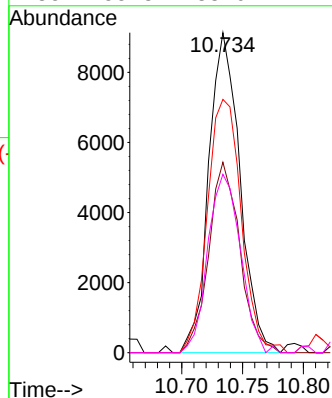
Ion Ratio Lower Upper

97 100

99 59.5 44.0 81.8

83 79.1 64.4 119.6

85 55.8 38.9 72.3



#46

Tetrachloroethene

Concen: 5.215 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD080194.D

Acq: 09 Jan 2025 13:43

Tgt Ion:164 Resp: 16283

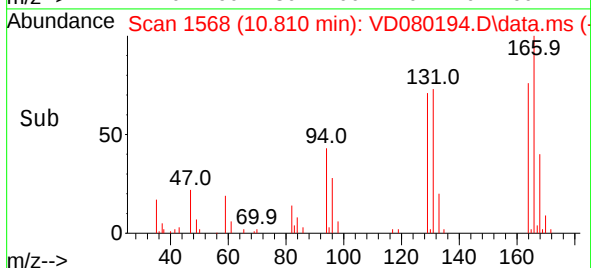
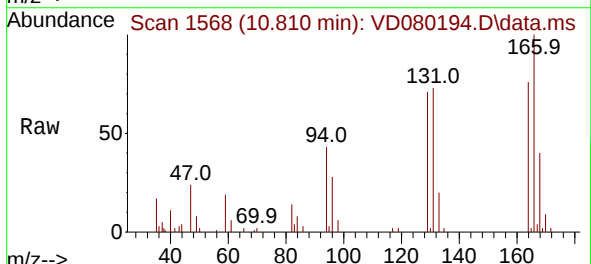
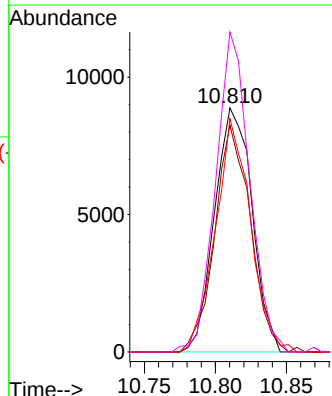
Ion Ratio Lower Upper

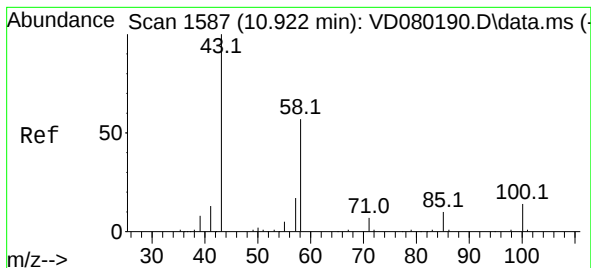
164 100

129 92.9 67.8 125.8

131 95.6 67.6 125.6

166 131.1 93.7 174.1





#48

2-Hexanone

Concen: 9.451 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

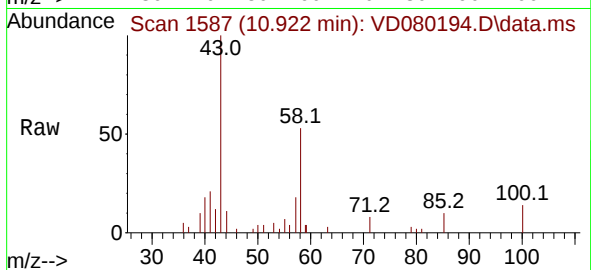
Lab File: VD080194.D

Acq: 09 Jan 2025 13:43

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 12603

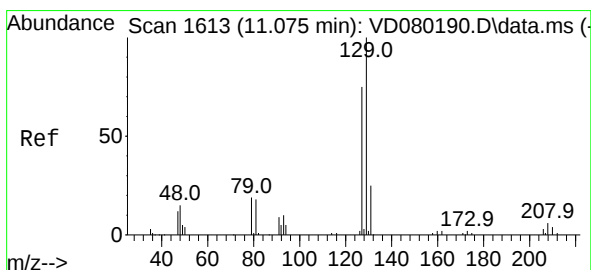
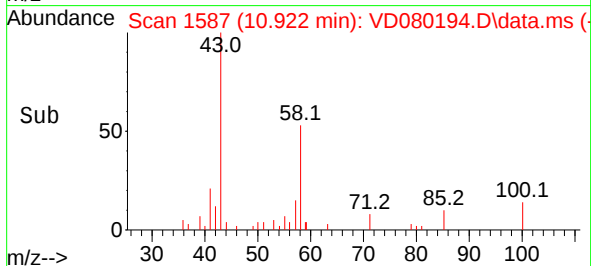
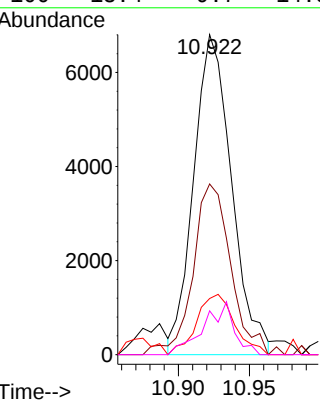
Ion Ratio Lower Upper

43 100

58 50.3 42.5 63.7

57 19.0 15.5 23.3

100 13.4 9.7 14.5



#49

Dibromochloromethane

Concen: 5.203 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD080194.D

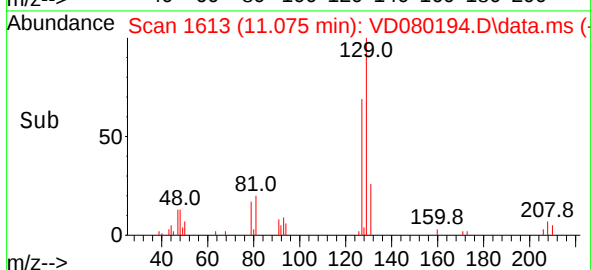
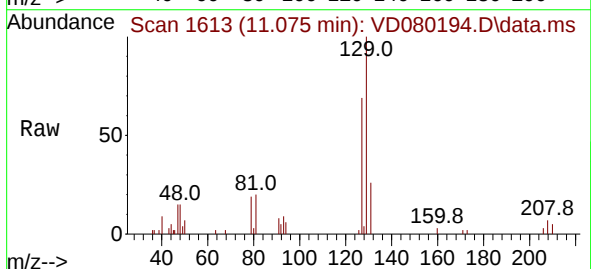
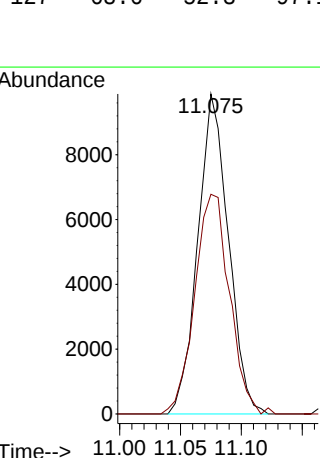
Acq: 09 Jan 2025 13:43

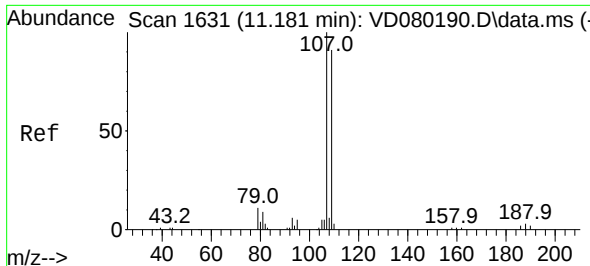
Tgt Ion:129 Resp: 17245

Ion Ratio Lower Upper

129 100

127 68.6 52.3 97.1





#50

1,2-Dibromoethane

Concen: 5.310 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080194.D

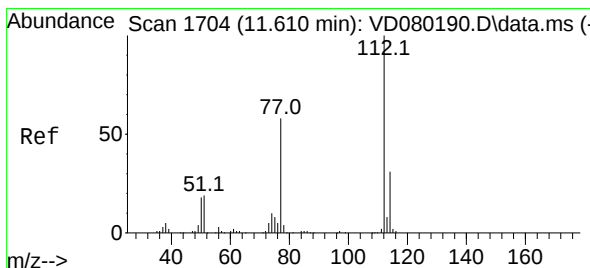
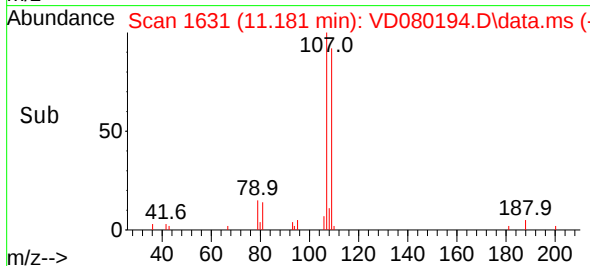
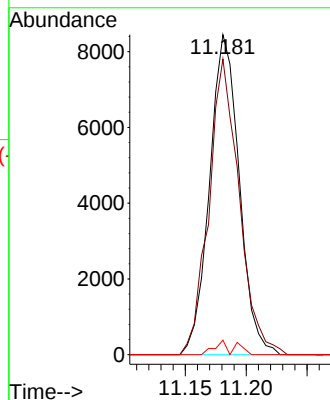
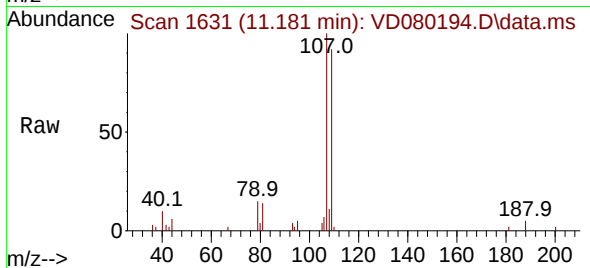
Acq: 09 Jan 2025 13:43

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	14362
Ion	Ratio	Lower	Upper
107	100		
109	92.4	63.8	118.6
188	4.5	2.8	4.2#



#51

Chlorobenzene

Concen: 5.102 ug/L

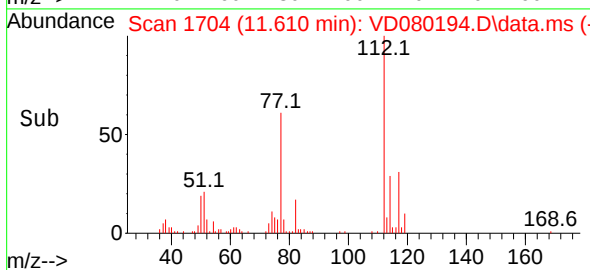
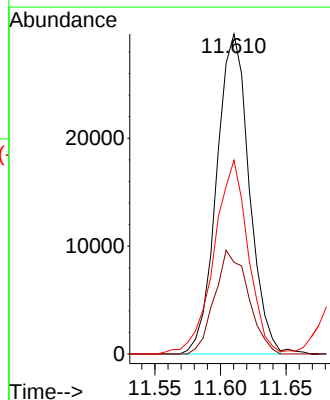
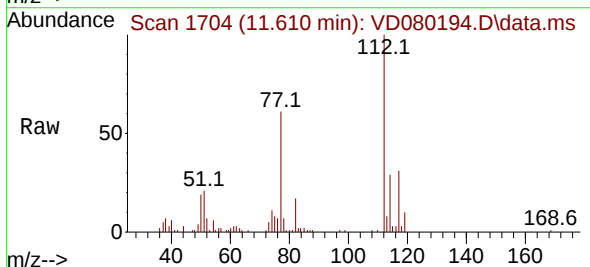
RT: 11.610 min Scan# 1704

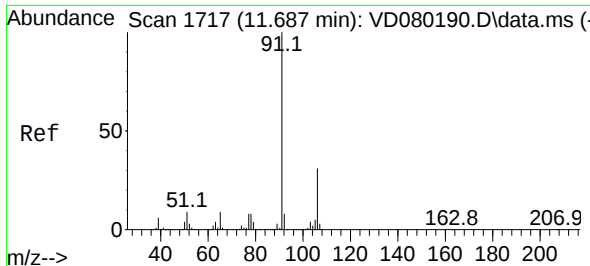
Delta R.T. 0.000 min

Lab File: VD080194.D

Acq: 09 Jan 2025 13:43

Tgt Ion:	112	Resp:	51130
Ion	Ratio	Lower	Upper
112	100		
114	28.7	21.8	40.6
77	60.6	46.8	70.2





#52

Ethylbenzene

Concen: 4.699 ug/L

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD080194.D

Acq: 09 Jan 2025 13:43

Instrument :

MSVOA_D

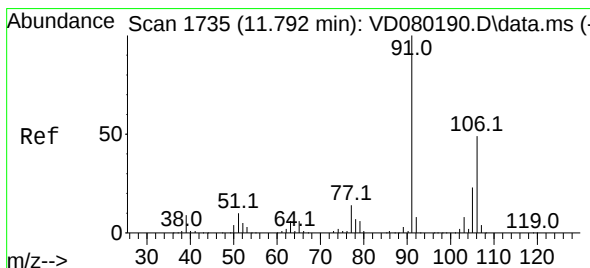
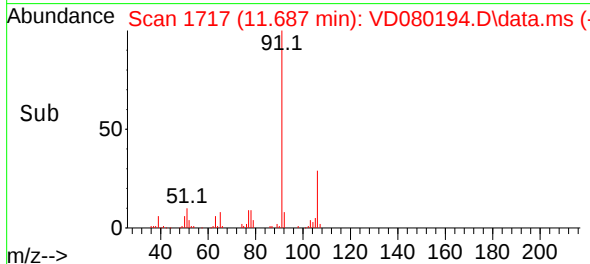
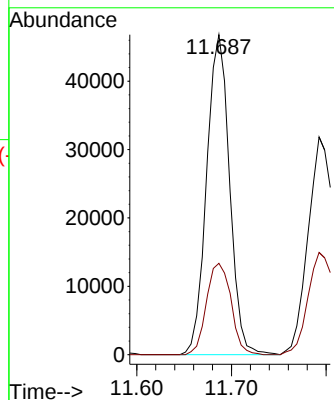
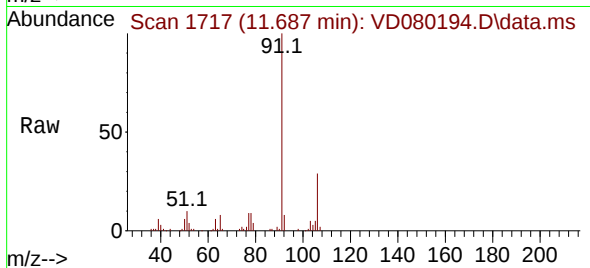
ClientSampleId :

Tgt Ion: 91 Resp: 78814

Ion Ratio Lower Upper

91 100

106 28.6 21.8 40.6



#53

m,p-Xylene

Concen: 4.724 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD080194.D

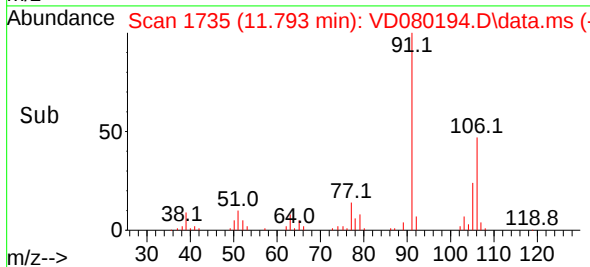
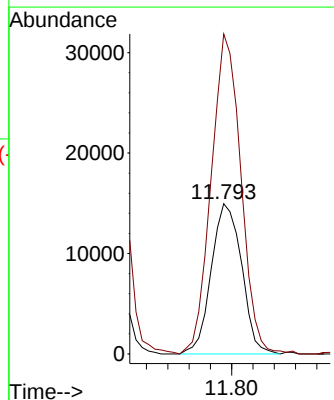
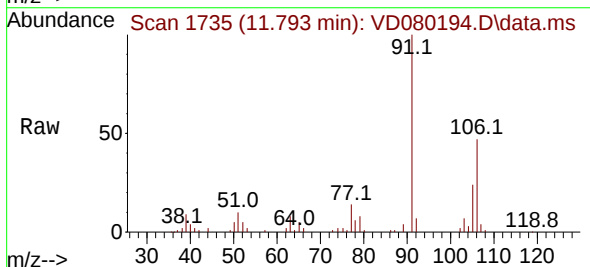
Acq: 09 Jan 2025 13:43

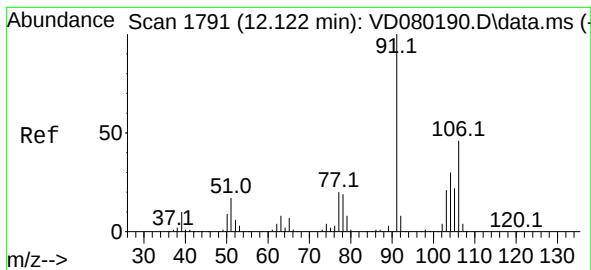
Tgt Ion:106 Resp: 29616

Ion Ratio Lower Upper

106 100

91 213.1 144.1 267.7

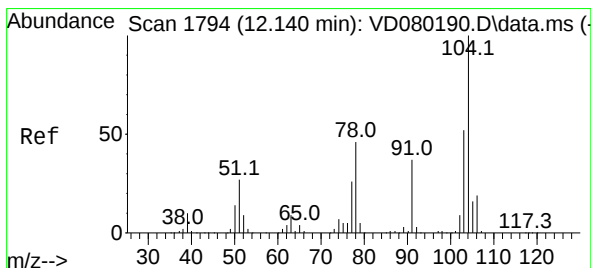
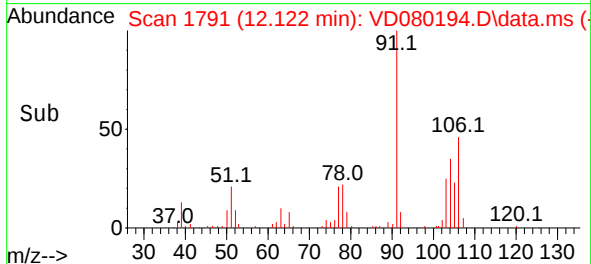
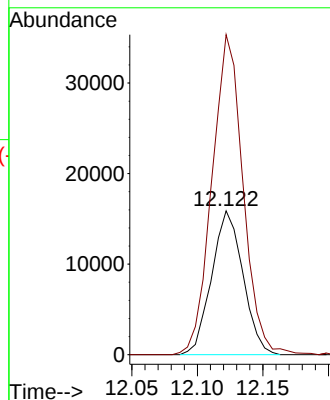
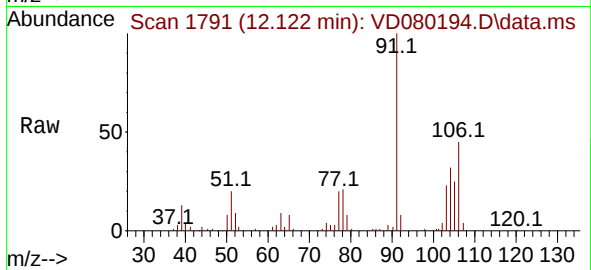




#54
o-Xylene
Concen: 4.502 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

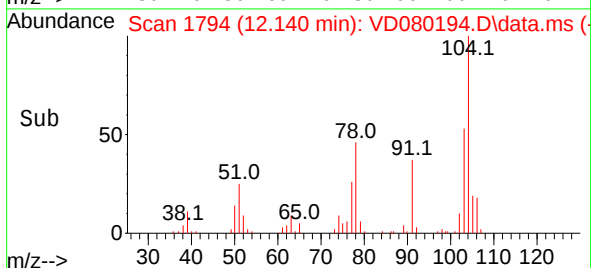
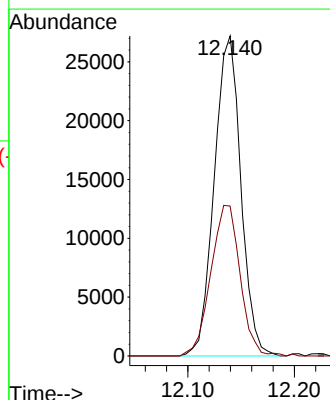
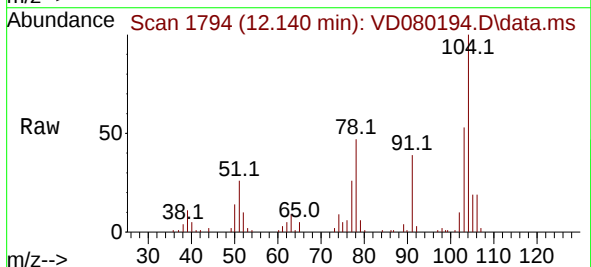
Instrument :
MSVOA_D
ClientSampleId :

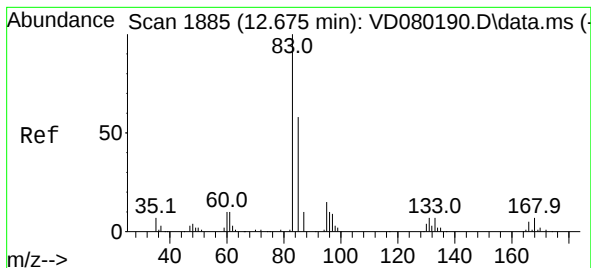
Tgt Ion:106 Resp: 26402
Ion Ratio Lower Upper
106 100
91 222.3 153.8 285.6



#55
Styrene
Concen: 4.443 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

Tgt Ion:104 Resp: 47186
Ion Ratio Lower Upper
104 100
78 46.8 31.9 59.3

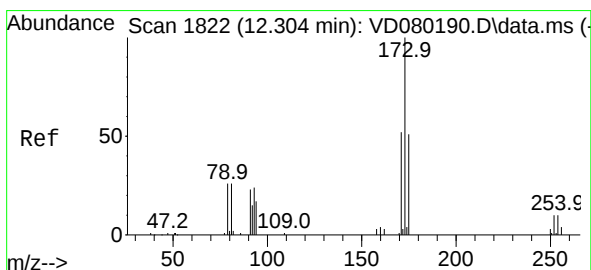
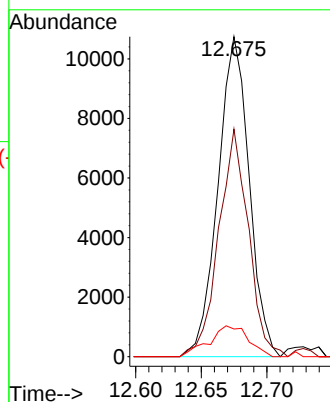
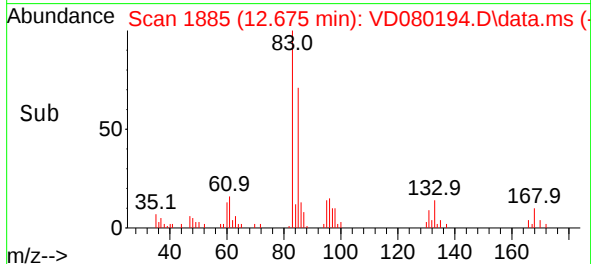
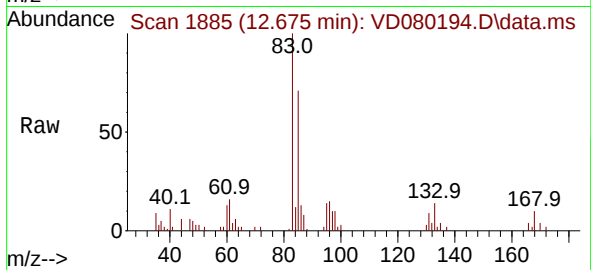




#57
1,1,2,2-Tetrachloroethane
Concen: 5.264 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

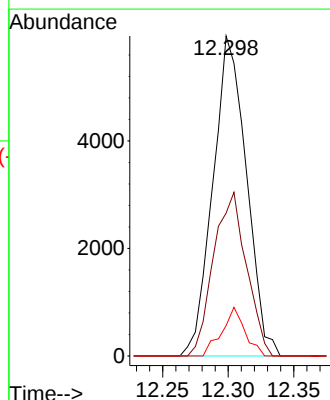
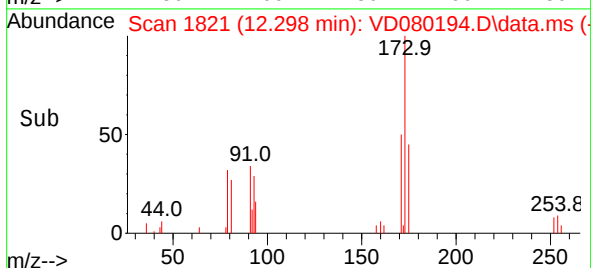
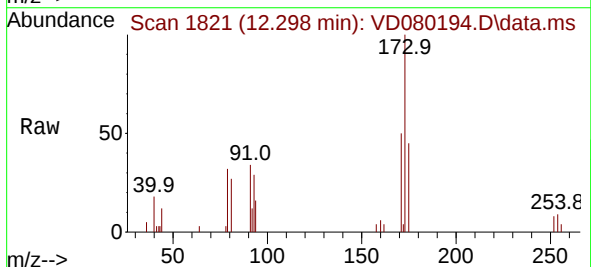
Instrument :
MSVOA_D
ClientSampleId :

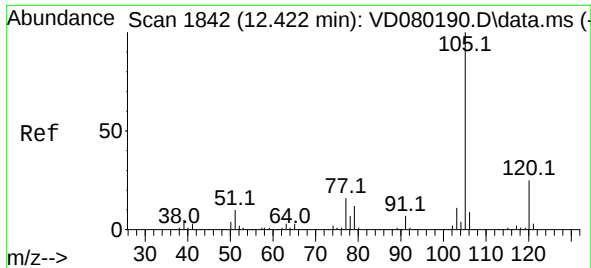
Tgt Ion: 83 Resp: 17761
Ion Ratio Lower Upper
83 100
85 71.1 40.7 75.5
131 8.6 6.2 9.2



#59
Bromoform
Concen: 5.590 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

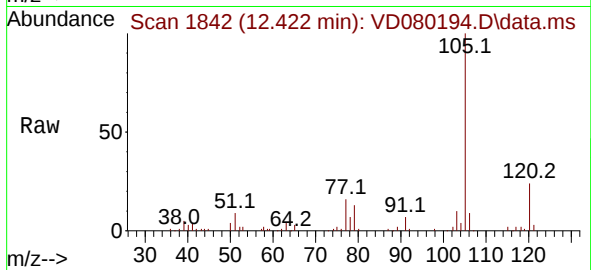
Tgt Ion: 173 Resp: 10568
Ion Ratio Lower Upper
173 100
175 50.3 38.2 57.4
254 10.4 8.3 12.5



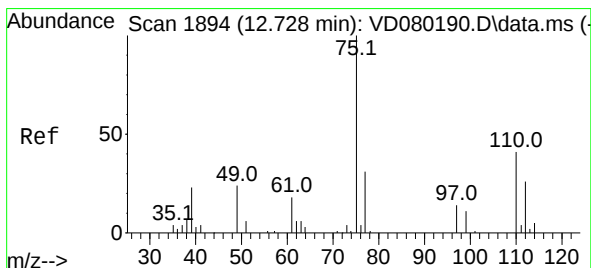
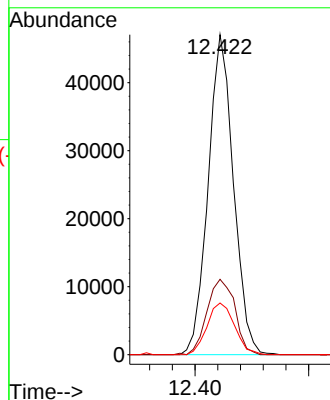
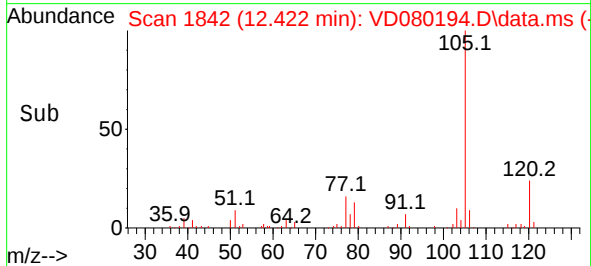


#60
Isopropylbenzene
Concen: 4.962 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

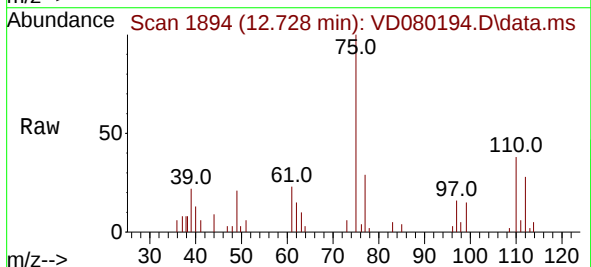
Instrument :
MSVOA_D
ClientSampleId :



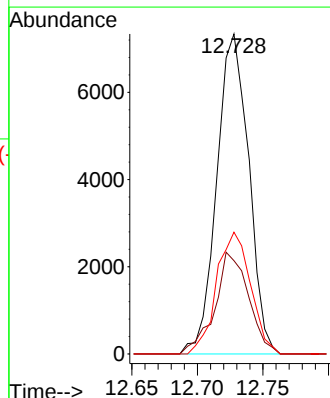
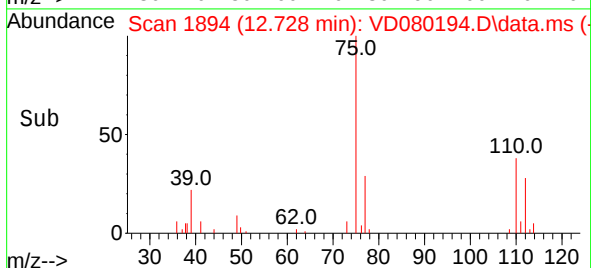
Tgt Ion:105 Resp: 72915
Ion Ratio Lower Upper
105 100
120 25.8 20.6 30.8
77 17.5 13.0 19.6

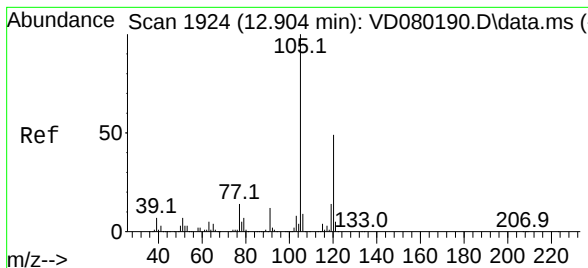


#61
1,2,3-Trichloropropane
Concen: 5.587 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43



Tgt Ion: 75 Resp: 12447
Ion Ratio Lower Upper
75 100
77 33.5 25.7 38.5
110 40.6 31.5 47.3





#62

1,3,5-Trimethylbenzene

Concen: 4.703 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD080194.D

Acq: 09 Jan 2025 13:43

Instrument :

MSVOA_D

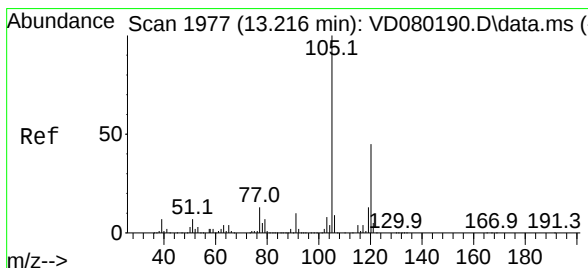
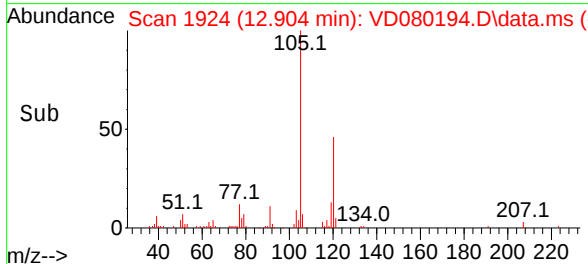
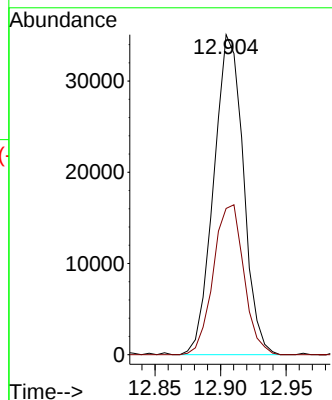
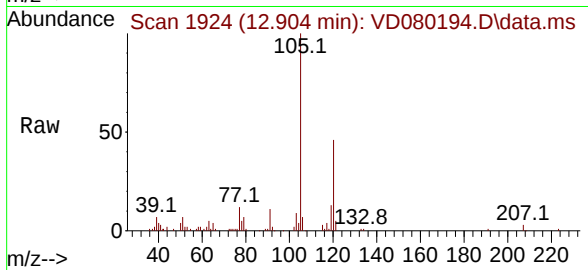
ClientSampleId :

Tgt Ion:105 Resp: 55077

Ion Ratio Lower Upper

105 100

120 48.3 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 4.625 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD080194.D

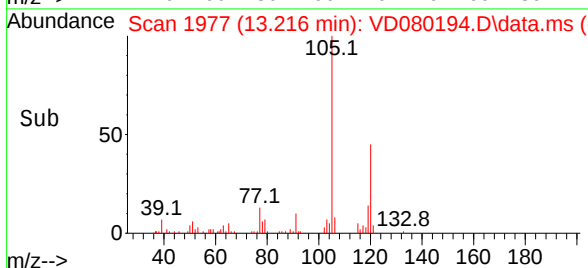
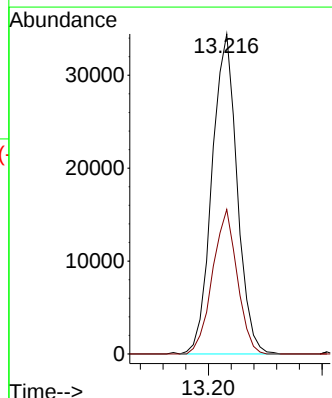
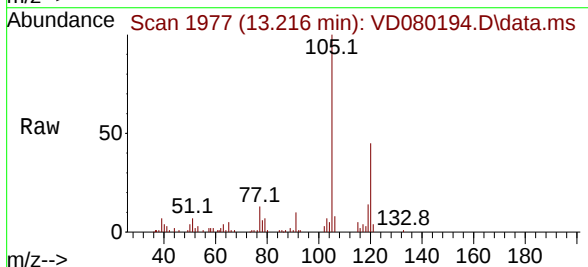
Acq: 09 Jan 2025 13:43

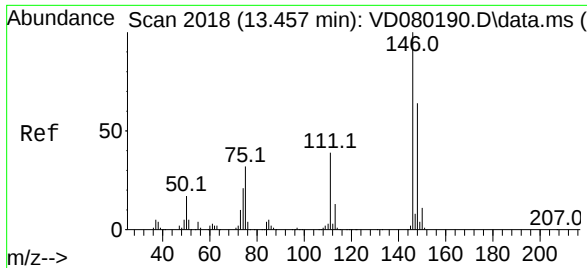
Tgt Ion:105 Resp: 52836

Ion Ratio Lower Upper

105 100

120 44.4 36.1 54.1

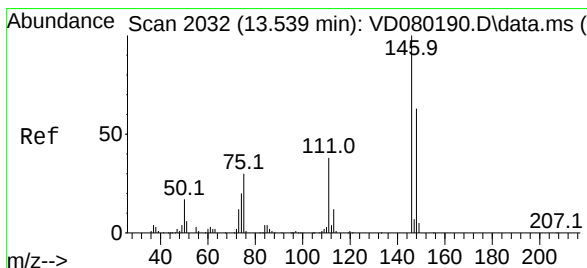
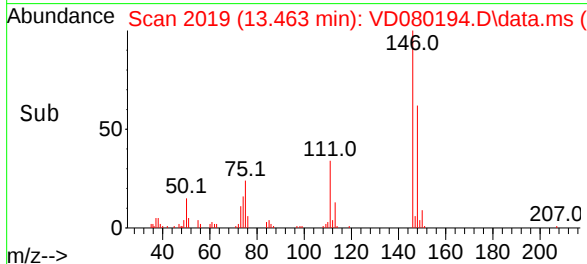
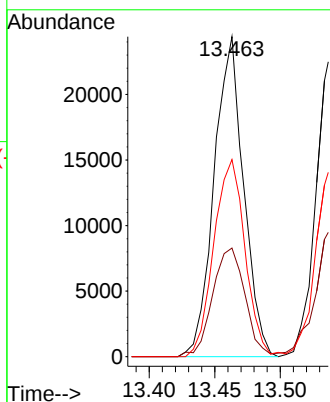
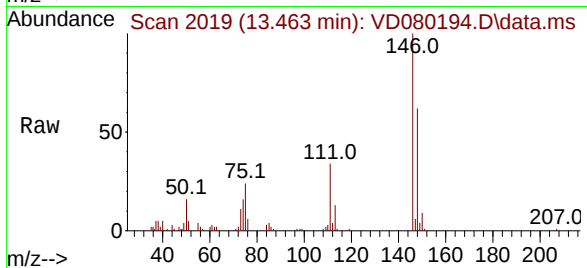




#64
1,3-Dichlorobenzene
Concen: 5.303 ug/L
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

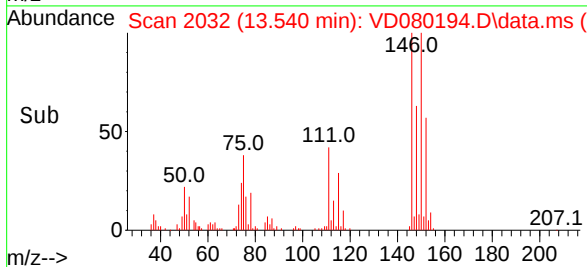
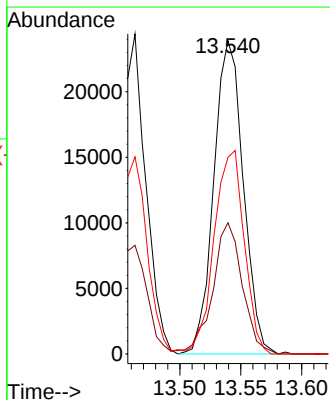
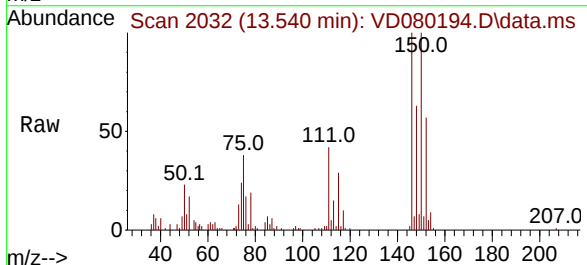
Instrument :
MSVOA_D
ClientSampleId :

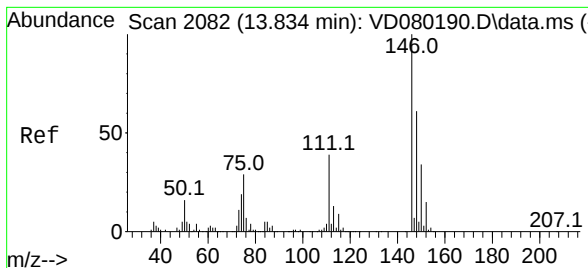
Tgt Ion:146 Resp: 38119
Ion Ratio Lower Upper
146 100
111 33.9 27.2 50.6
148 61.6 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 5.427 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD080194.D
Acq: 09 Jan 2025 13:43

Tgt Ion:146 Resp: 40276
Ion Ratio Lower Upper
146 100
111 41.9 26.7 49.7
148 62.8 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 5.264 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD080194.D

Acq: 09 Jan 2025 13:43

Instrument :

MSVOA_D

ClientSampleId :

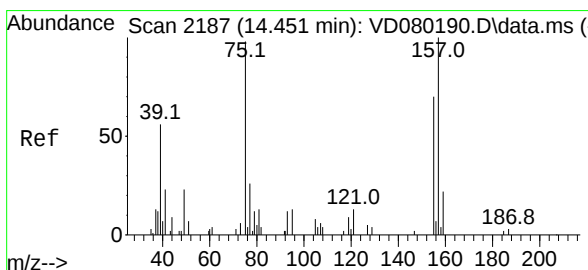
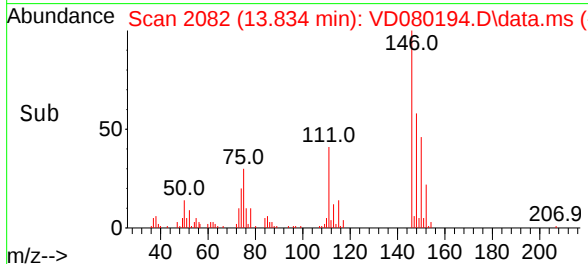
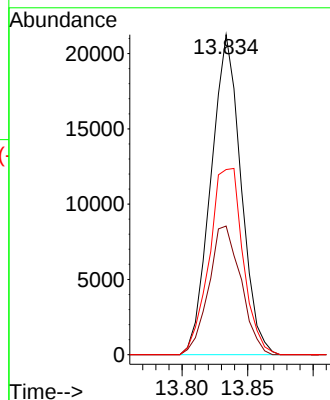
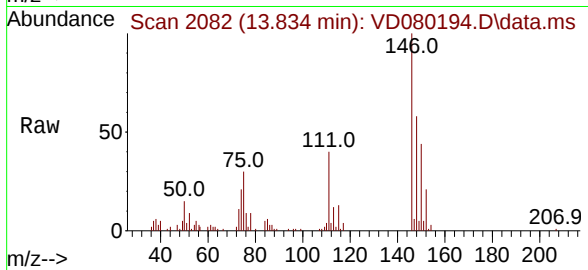
Tgt Ion:146 Resp: 33894

Ion Ratio Lower Upper

146 100

111 40.2 31.4 47.0

148 57.9 48.8 73.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.274 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD080194.D

Acq: 09 Jan 2025 13:43

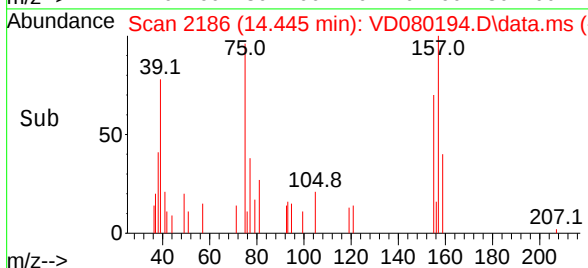
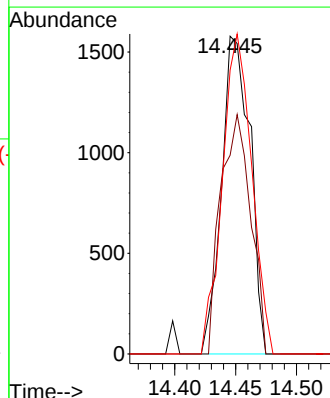
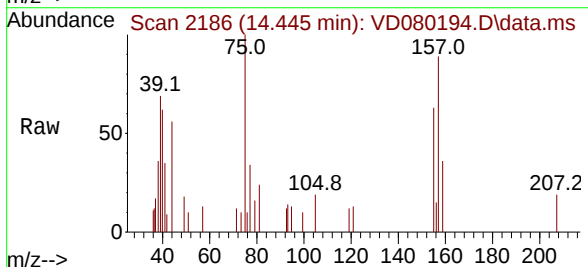
Tgt Ion: 75 Resp: 2567

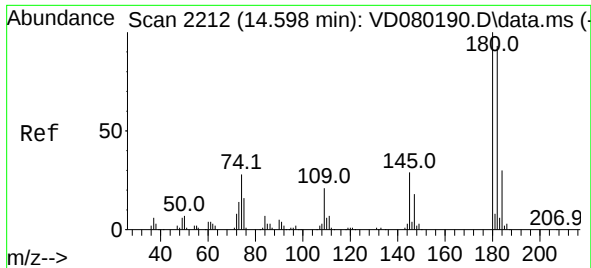
Ion Ratio Lower Upper

75 100

155 62.5 57.3 85.9

157 89.3 82.0 123.0





#69

1,3,5-Trichlorobenzene

Concen: 5.336 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.006 min

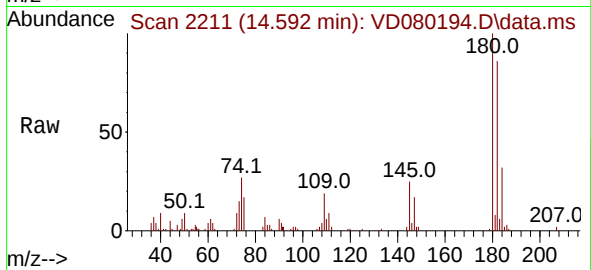
Lab File: VD080194.D

Acq: 09 Jan 2025 13:43

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 26081

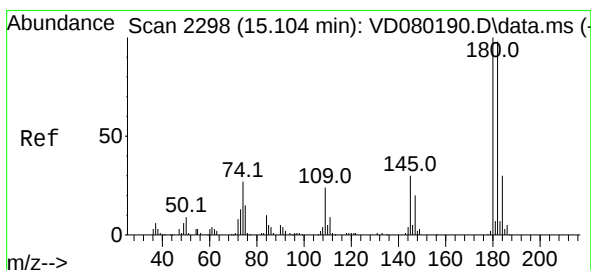
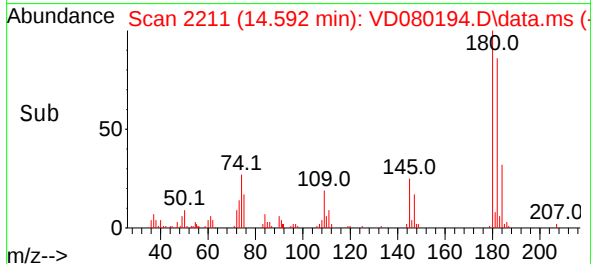
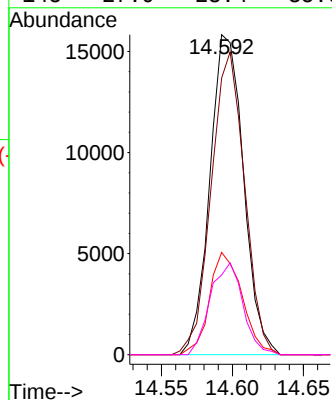
Ion Ratio Lower Upper

180 100

182 93.6 75.4 113.0

184 31.2 24.0 36.0

145 27.9 23.4 35.0



#70

1,2,4-trichlorobenzene

Concen: 4.978 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD080194.D

Acq: 09 Jan 2025 13:43

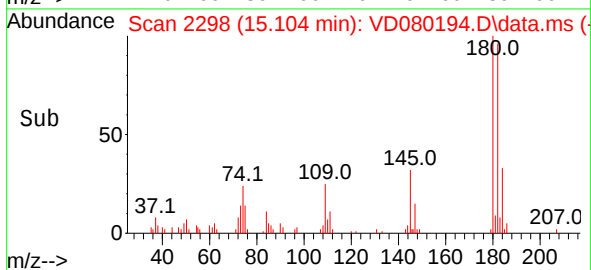
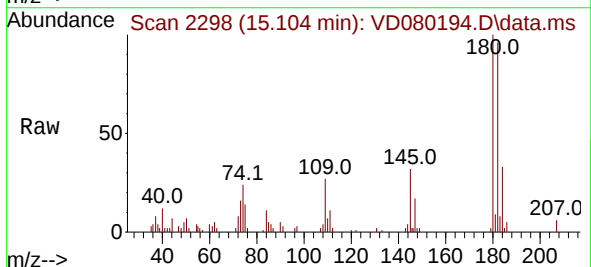
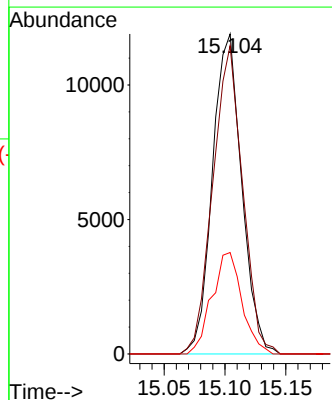
Tgt Ion:180 Resp: 19857

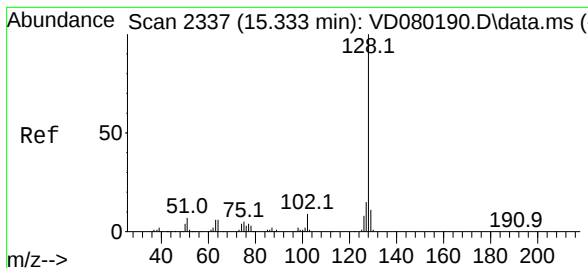
Ion Ratio Lower Upper

180 100

182 97.9 76.9 115.3

145 32.6 23.5 35.3





#71

Naphthalene

Concen: 4.776 ug/L

RT: 15.339 min Scan# 2337

Delta R.T. 0.006 min

Lab File: VD080194.D

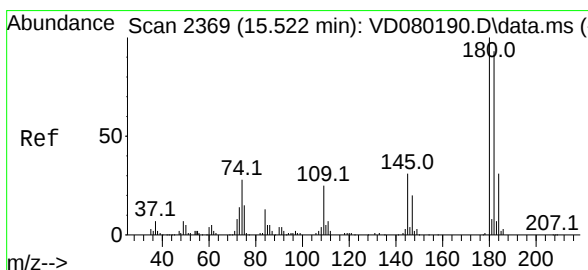
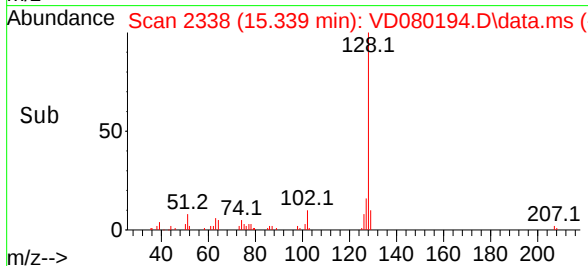
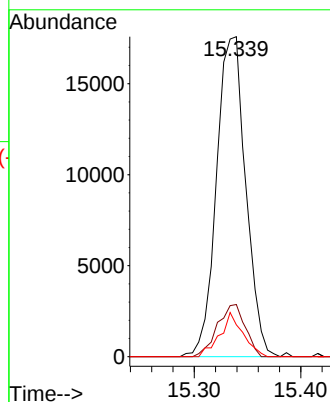
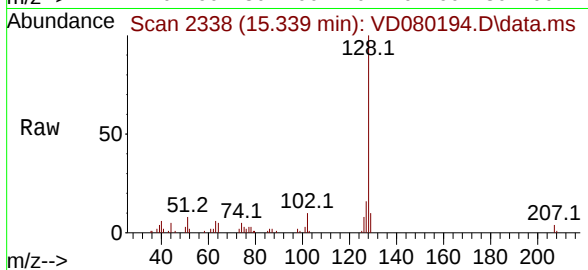
Acq: 09 Jan 2025 13:43

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:128	Resp:	33520
Ion Ratio	Lower	Upper
128	100	
127	15.5	11.5 17.3
129	10.9	9.0 13.6



#72

1,2,3-Trichlorobenzene

Concen: 5.132 ug/L

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD080194.D

Acq: 09 Jan 2025 13:43

Tgt Ion:180	Resp:	19011
Ion Ratio	Lower	Upper
180	100	
182	91.4	74.8 112.2
145	31.7	24.2 36.4

