

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
 Data File : VD080201.D
 Acq On : 09 Jan 2025 18:48
 Operator : RP/MD
 Sample : MDL03
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 10 00:10:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM010925SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 09 20:13:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	220605	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	219600	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	96661	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	164768	25.466	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.880%	
7) Chloroethane-d5	2.805	69	139605	26.551	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.200%	
11) 1,1-Dichloroethene-d2	3.928	65	37842	24.238	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 96.960%	
21) 2-Butanone-d5	6.993	46	32411	43.303	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 86.600%	
24) Chloroform-d	7.569	84	163383	23.601	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 94.400%	
26) 1,2-Dichloroethane-d4	8.234	65	94167	25.969	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 103.880%	
32) Benzene-d6	8.210	84	331756	23.401	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 93.600%	
36) 1,2-Dichloropropane-d6	9.210	67	112038	23.878	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 95.520%	
41) Toluene-d8	10.269	98	308285	23.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 95.440%	
43) trans-1,3-Dichloroprop...	10.528	79	43844	22.869	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 91.480%	
47) 2-Hexanone-d5	10.875	63	27436	46.917	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 93.840%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	83224	23.670	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 94.680%	
66) 1,2-Dichlorobenzene-d4	13.816	152	97105	26.724	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 106.880%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	6841	1.562	ug/L	95
3) Chloromethane	2.152	50	10250	1.717	ug/L	99
5) Vinyl chloride	2.287	62	12069	1.648	ug/L #	75
6) Bromomethane	2.705	94	6110	1.432	ug/L	85
8) Chloroethane	2.840	64	7232	1.610	ug/L	90
9) Trichlorofluoromethane	3.175	101	9495	1.560	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	3.981	101	6458	1.860	ug/L #	62
12) 1,1-Dichloroethene	3.946	96	5187	1.674	ug/L #	1
13) Acetone	4.028	43	2204	3.723	ug/L	98
14) Carbon disulfide	4.281	76	16457	1.425	ug/L	96
15) Methyl Acetate	4.558	43	517	0.349	ug/L #	68
17) trans-1,2-Dichloroethene	5.316	96	2683	0.796	ug/L	79
18) Methyl tert-butyl Ether	5.322	73	7476	1.164	ug/L #	73
19) 1,1-Dichloroethane	6.116	63	5300	0.814	ug/L	98
20) cis-1,2-Dichloroethene	7.087	96	4865	1.372	ug/L #	77
23) Bromochloromethane	7.440	128	2623	1.530	ug/L	94
25) Chloroform	7.599	83	27042	3.749	ug/L	94
27) 1,2-Dichloroethane	8.328	62	6462	1.536	ug/L #	84
29) Cyclohexane	7.875	56	6298	1.140	ug/L #	59

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Quant Time: Jan 10 00:10:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM010925SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 09 20:13:33 2025
 Response via : Initial Calibration

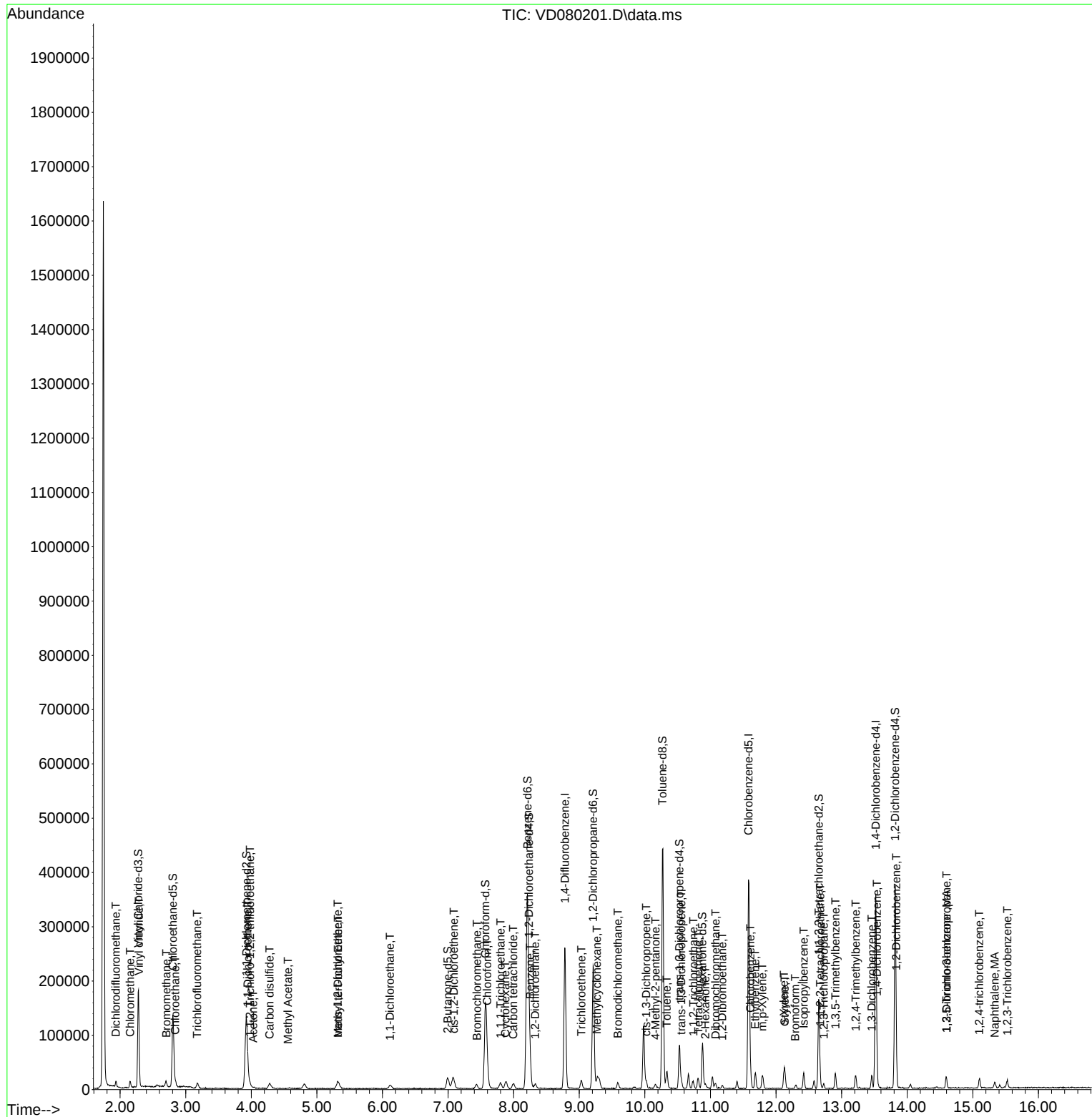
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.799	97	8131	1.398	ug/L	94
31) Carbon tetrachloride	7.993	117	6801	1.324	ug/L	96
33) Benzene	8.251	78	18971	1.270	ug/L	100
34) Trichloroethene	9.034	95	5311	1.373	ug/L	84
35) Methylcyclohexane	9.269	83	1521	0.264	ug/L #	1
38) Bromodichloromethane	9.587	83	7070	1.386	ug/L #	89
39) cis-1,3-Dichloropropene	10.022	75	6785	1.180	ug/L	91
40) 4-Methyl-2-pentanone	10.163	43	5344	2.676	ug/L	98
42) Toluene	10.334	91	21210	1.359	ug/L	95
44) trans-1,3-Dichloropropene	10.557	75	8839	1.780	ug/L	97
45) 1,1,2-Trichloroethane	10.740	97	4142	1.394	ug/L #	75
46) Tetrachloroethene	10.816	164	3866	1.241	ug/L	78
48) 2-Hexanone	10.922	43	3531	2.593	ug/L	95
49) Dibromochloromethane	11.081	129	5236	1.583	ug/L	84
50) 1,2-Dibromoethane	11.181	107	3707	1.373	ug/L #	97
51) Chlorobenzene	11.610	112	14328	1.433	ug/L	92
52) Ethylbenzene	11.681	91	19403	1.159	ug/L	88
53) m,p-Xylene	11.792	106	7462	1.193	ug/L	85
54) o-Xylene	12.122	106	6696	1.144	ug/L	71
55) Styrene	12.134	104	11174	1.054	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	5325	1.581	ug/L #	95
59) Bromoform	12.292	173	2828	1.631	ug/L #	38
60) Isopropylbenzene	12.422	105	16284	1.208	ug/L #	94
61) 1,2,3-Trichloropropane	12.728	75	3011	1.473	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	12963	1.207	ug/L	97
63) 1,2,4-Trimethylbenzene	13.216	105	12081	1.153	ug/L	92
64) 1,3-Dichlorobenzene	13.457	146	9012	1.367	ug/L	92
65) 1,4-Dichlorobenzene	13.539	146	10237	1.503	ug/L	88
67) 1,2-Dichlorobenzene	13.834	146	8929	1.512	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.598	75	1142	2.569	ug/L #	5
69) 1,3,5-Trichlorobenzene	14.598	180	6562	1.463	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	5287	1.445	ug/L #	97
71) Naphthalene	15.333	128	8991	1.396	ug/L #	96
72) 1,2,3-Trichlorobenzene	15.528	180	4661	1.371	ug/L	97

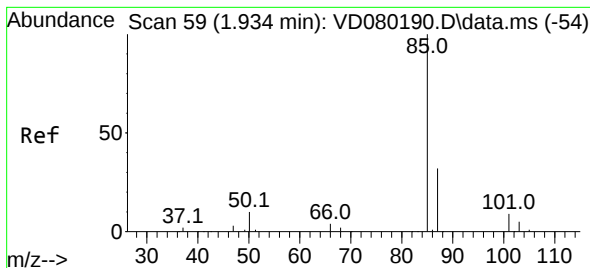
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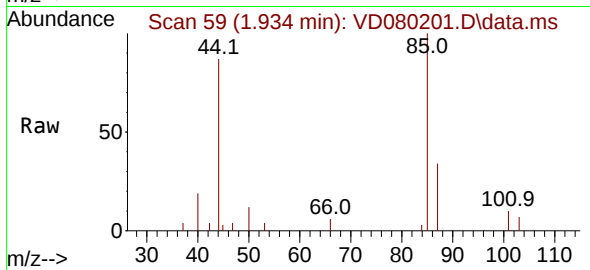
Quant Time: Jan 10 00:10:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM010925SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jan 09 20:13:33 2025
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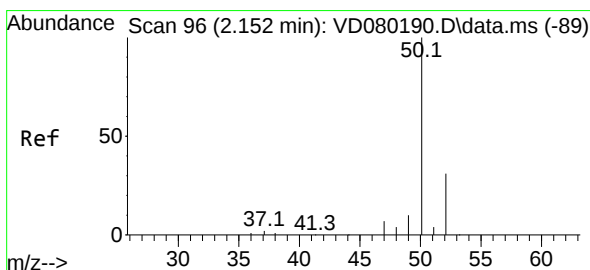
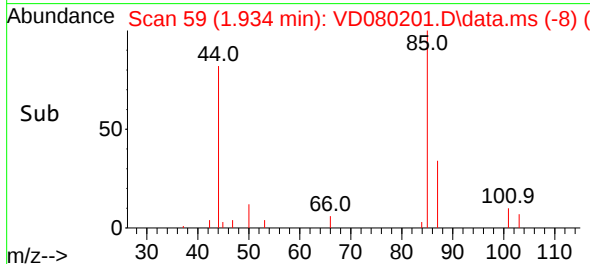
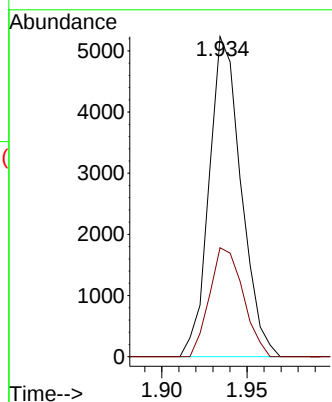


#2
 Dichlorodifluoromethane
 Concen: 1.562 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD080201.D
 Acq: 09 Jan 2025 18:48

Instrument :
 MSVOA_D
 ClientSampleId :

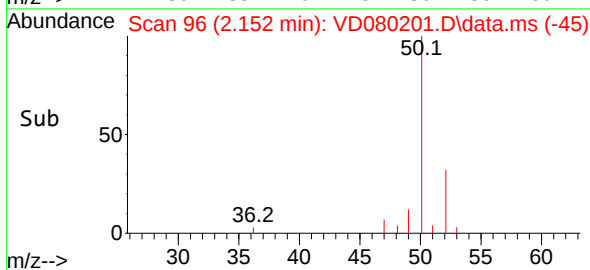
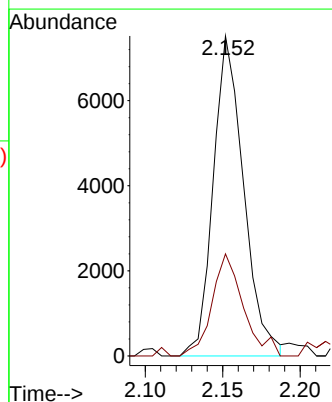
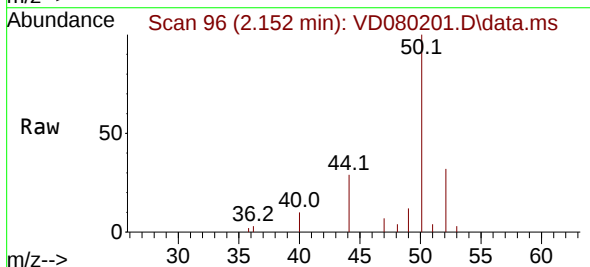


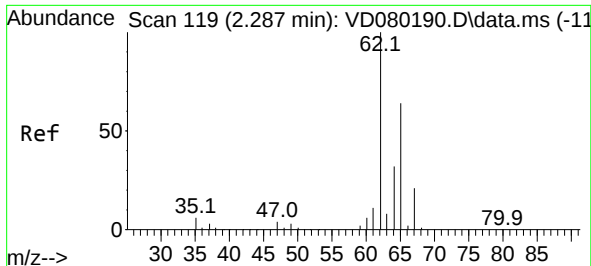
Tgt Ion: 85 Resp: 6841
 Ion Ratio Lower Upper
 85 100
 87 35.7 26.4 39.6



#3
 Chloromethane
 Concen: 1.717 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD080201.D
 Acq: 09 Jan 2025 18:48

Tgt Ion: 50 Resp: 10250
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.0 40.8

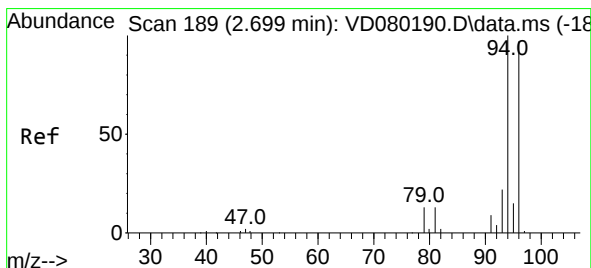
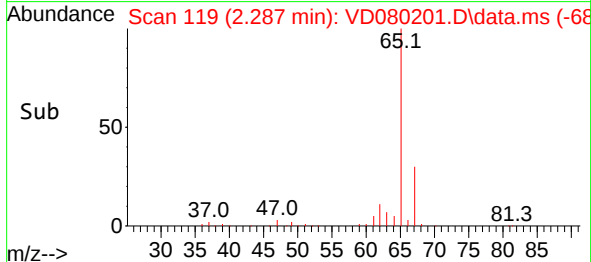
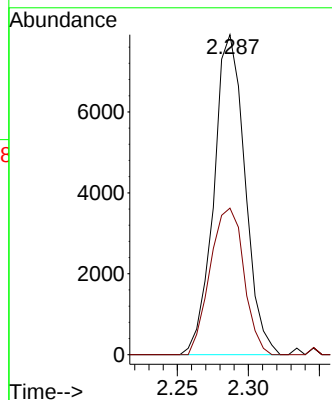
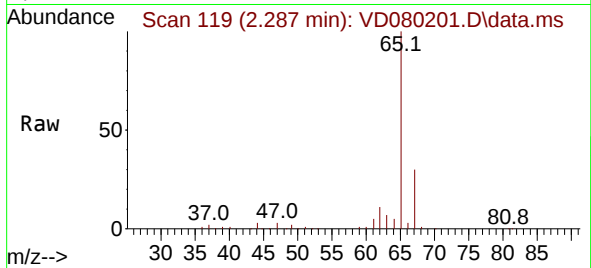




#5
 Vinyl chloride
 Concen: 1.648 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD080201.D
 Acq: 09 Jan 2025 18:48

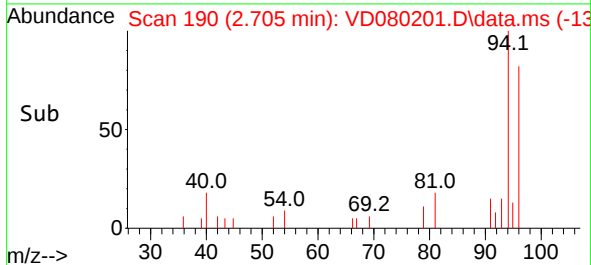
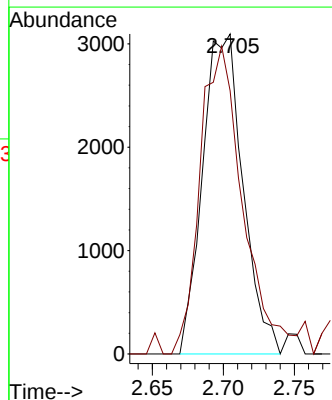
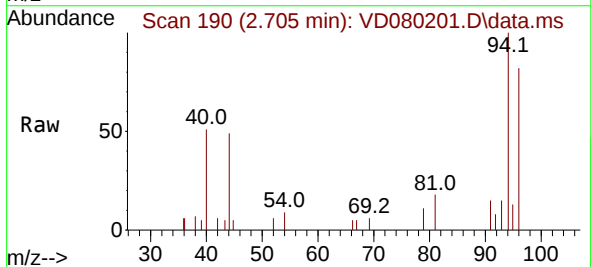
Instrument :
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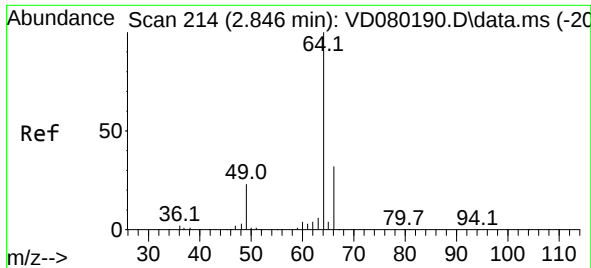
Tgt Ion: 62 Resp: 12069
 Ion Ratio Lower Upper
 62 100
 64 45.8 22.3 41.5#



#6
 Bromomethane
 Concen: 1.432 ug/L
 RT: 2.705 min Scan# 190
 Delta R.T. 0.006 min
 Lab File: VD080201.D
 Acq: 09 Jan 2025 18:48

Tgt Ion: 94 Resp: 6110
 Ion Ratio Lower Upper
 94 100
 96 82.3 67.7 125.7

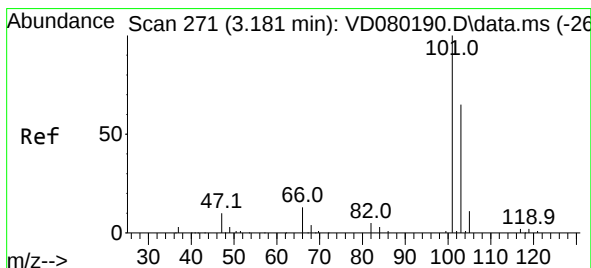
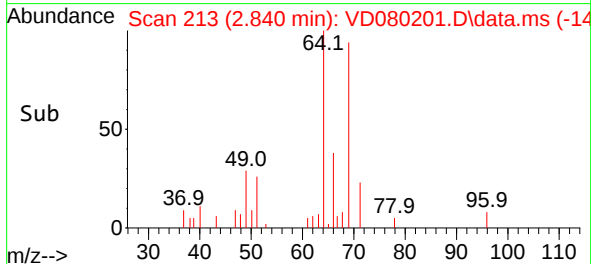
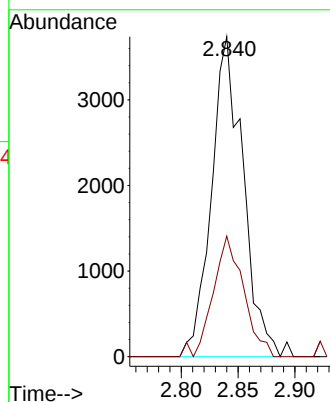
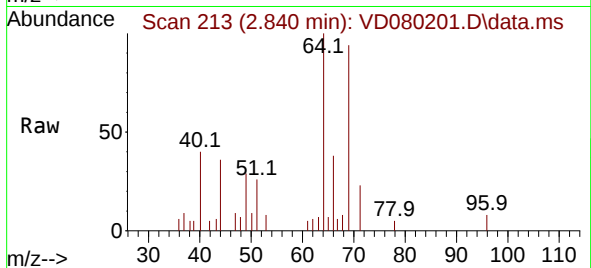




#8
Chloroethane
Concen: 1.610 ug/L
RT: 2.840 min Scan# 214
Delta R.T. -0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

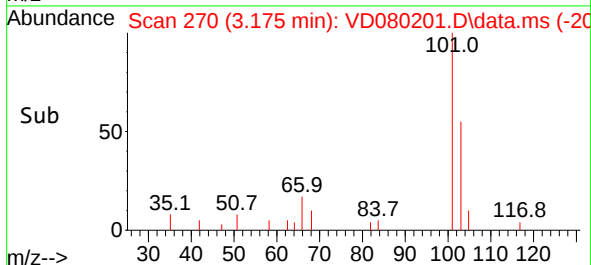
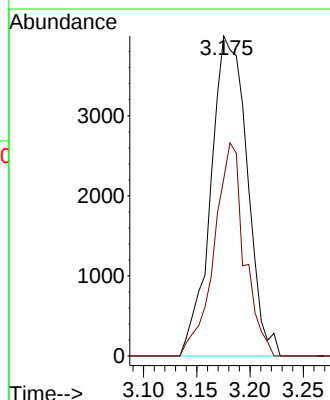
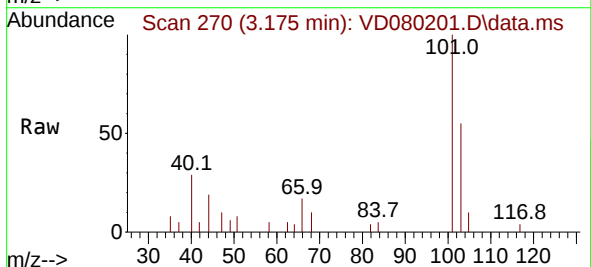
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MSVOA_D
ClientSampleId :

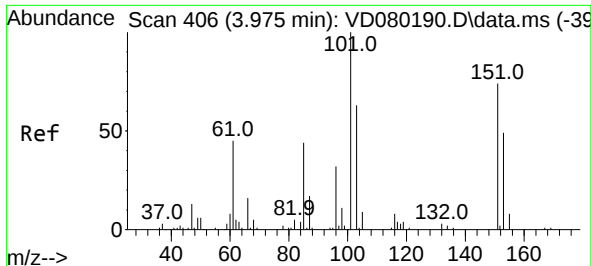
Tgt Ion: 64 Resp: 7232
Ion Ratio Lower Upper
64 100
66 37.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 1.560 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion:101 Resp: 9495
Ion Ratio Lower Upper
101 100
103 55.4 52.2 78.2

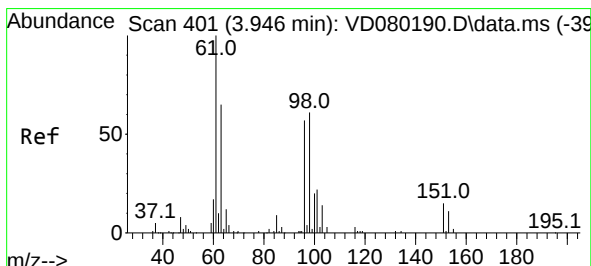
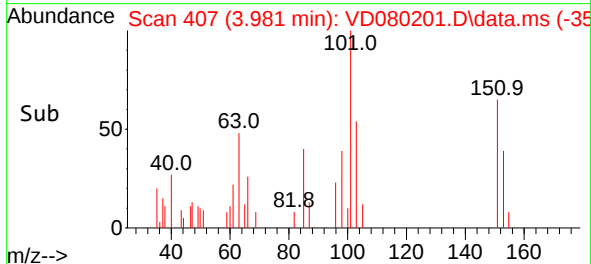
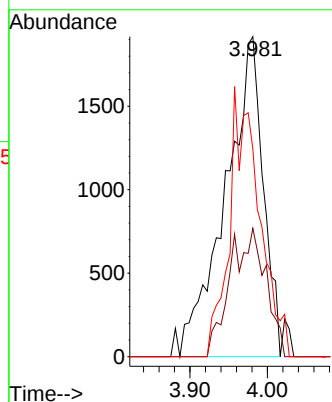
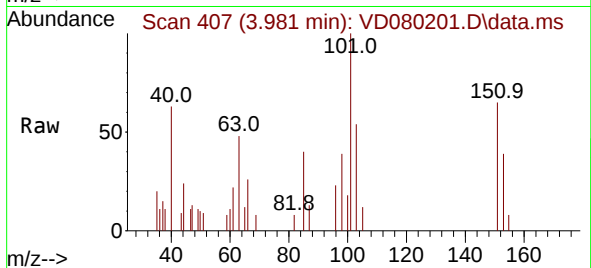




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.860 ug/L
 RT: 3.981 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VD080201.D
 Acq: 09 Jan 2025 18:48

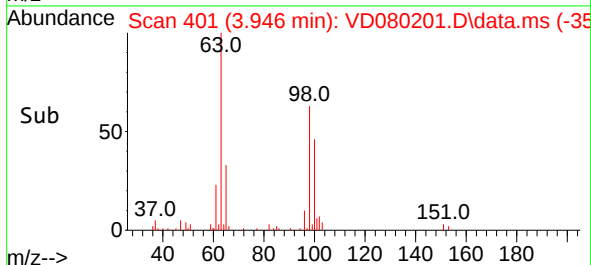
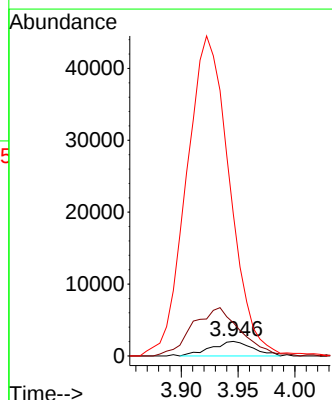
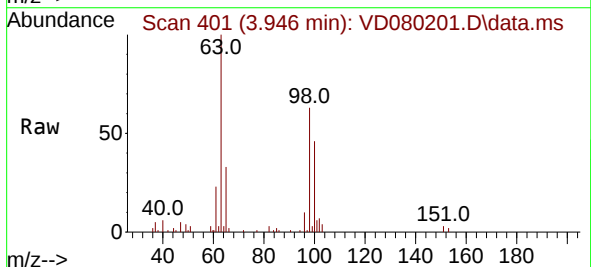
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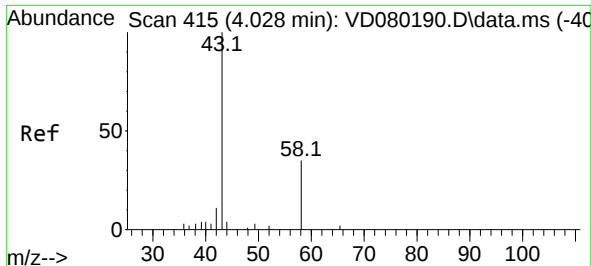
Tgt Ion:101 Resp: 6458
 Ion Ratio Lower Upper
 101 100
 85 23.8 35.6 53.4#
 151 40.1 60.0 90.0#



#12
 1,1-Dichloroethene
 Concen: 1.674 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VD080201.D
 Acq: 09 Jan 2025 18:48

Tgt Ion: 96 Resp: 5187
 Ion Ratio Lower Upper
 96 100
 61 227.2 123.1 228.7
 63 968.8 89.6 166.4#





#13

Acetone

Concen: 3.723 ug/L

RT: 4.028 min Scan# 415

Delta R.T. -0.000 min

Lab File: VD080201.D

Acq: 09 Jan 2025 18:48

Instrument :

MSVOA_D

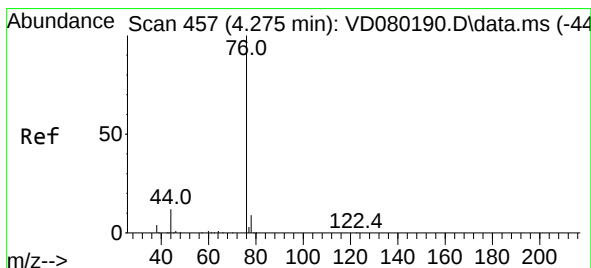
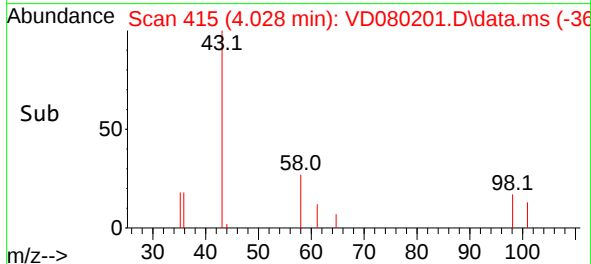
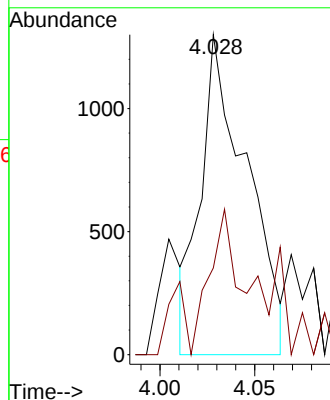
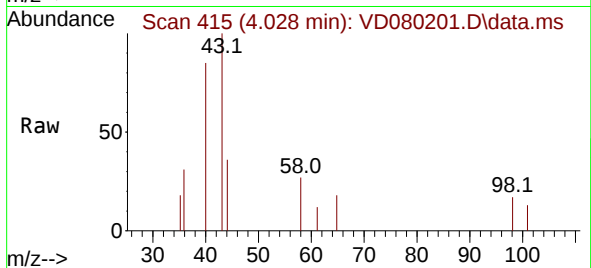
ClientSampleId :

Tgt Ion: 43 Resp: 2204

Ion Ratio Lower Upper

43 100

58 27.7 0.0 52.8



#14

Carbon disulfide

Concen: 1.425 ug/L

RT: 4.281 min Scan# 458

Delta R.T. 0.006 min

Lab File: VD080201.D

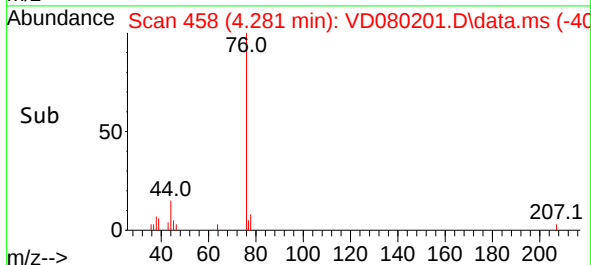
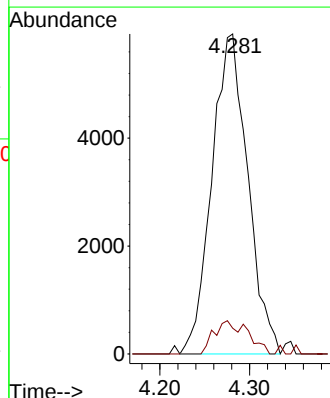
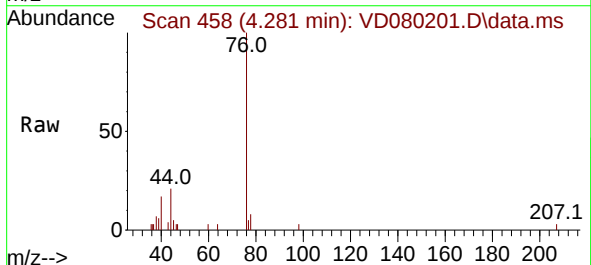
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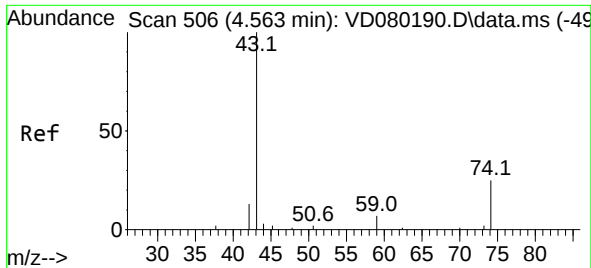
Tgt Ion: 76 Resp: 16457

Ion Ratio Lower Upper

76 100

78 8.1 7.5 11.3

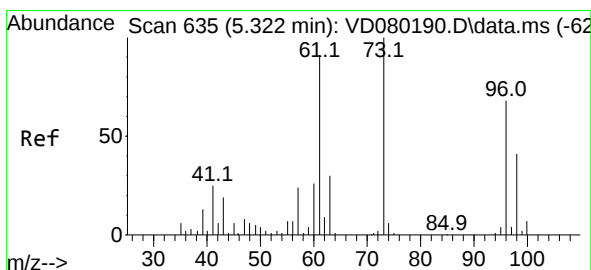
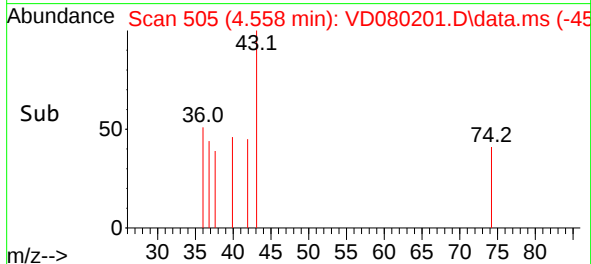
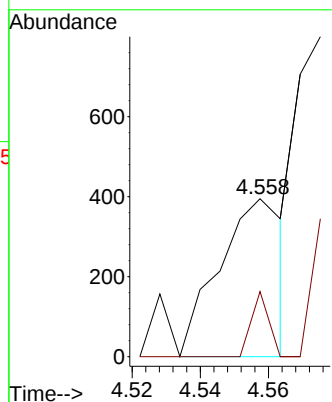
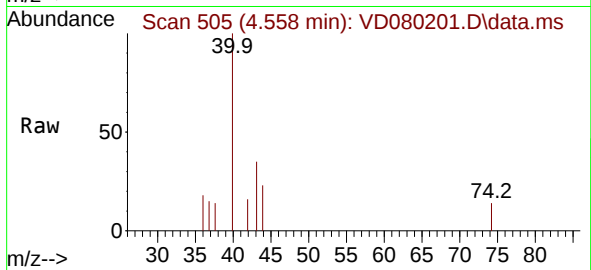




#15
Methyl Acetate
Concen: 0.349 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

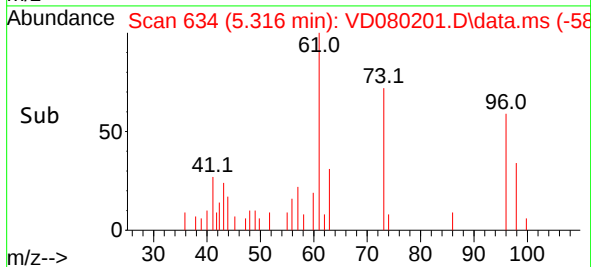
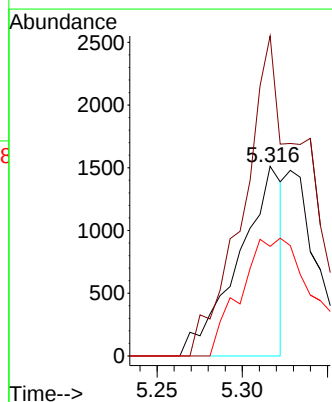
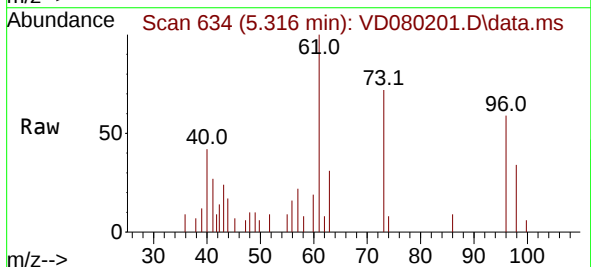
Instrument :
MSVOA_D
ClientSampleId :

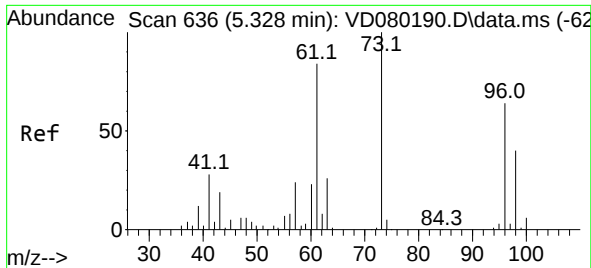
Tgt Ion: 43 Resp: 517
Ion Ratio Lower Upper
43 100
74 0.0 10.1 15.1#



#17
trans-1,2-Dichloroethene
Concen: 0.796 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion: 96 Resp: 2683
Ion Ratio Lower Upper
96 100
61 168.8 93.7 173.9
98 57.8 42.1 78.1

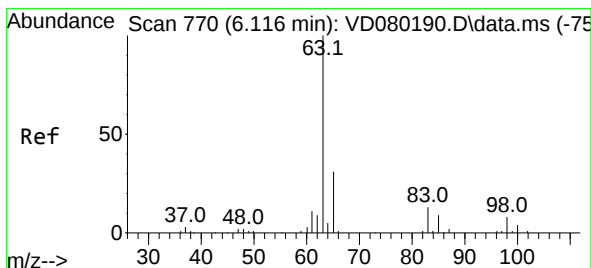
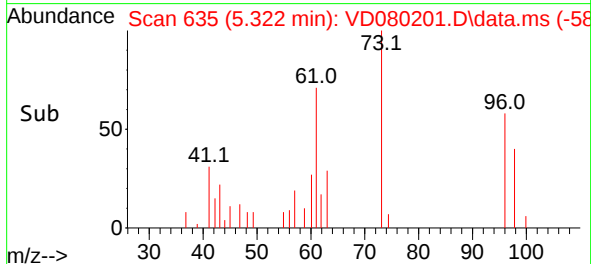
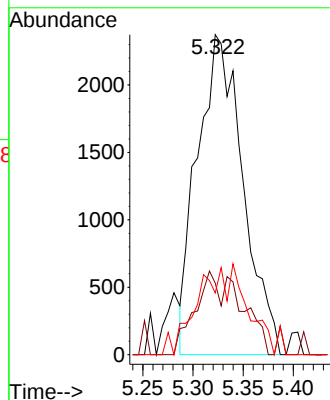
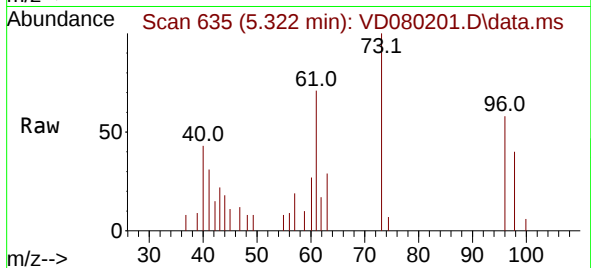




#18
Methyl tert-butyl Ether
Concen: 1.164 ug/L
RT: 5.322 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

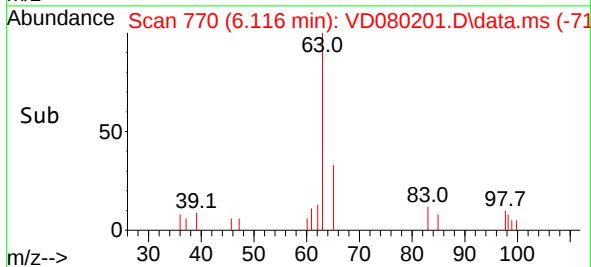
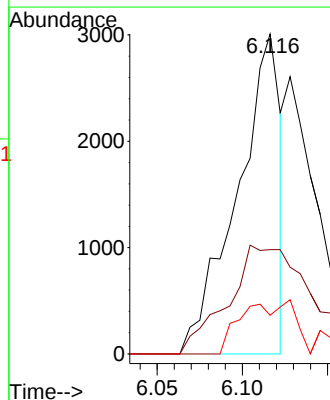
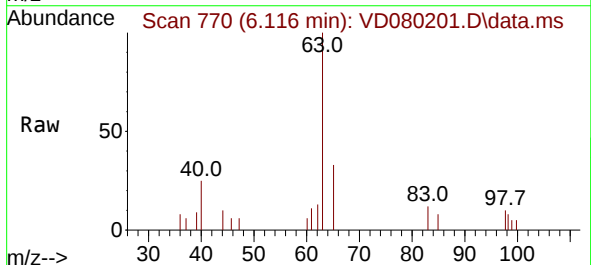
Instrument :
MSVOA_D
ClientSampleId :

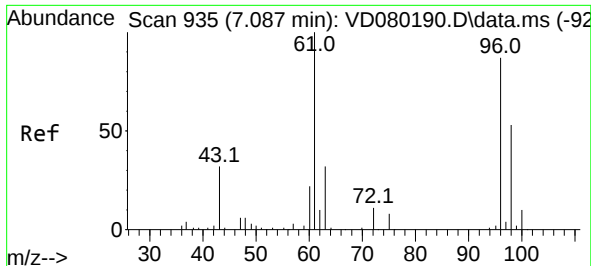
Tgt Ion: 73 Resp: 7476
Ion Ratio Lower Upper
73 100
43 14.3 16.6 24.8#
57 4.9 18.9 28.3#



#19
1,1-Dichloroethane
Concen: 0.814 ug/L
RT: 6.116 min Scan# 770
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion: 63 Resp: 5300
Ion Ratio Lower Upper
63 100
65 32.6 21.7 40.3
83 12.1 8.8 16.4

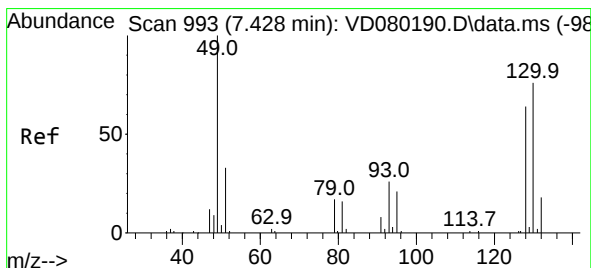
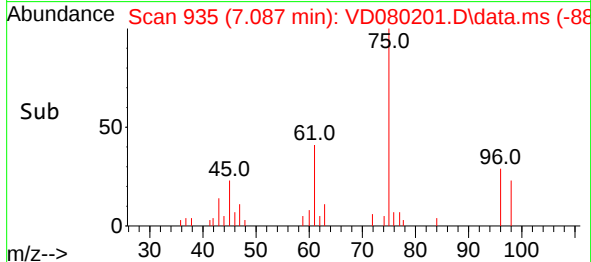
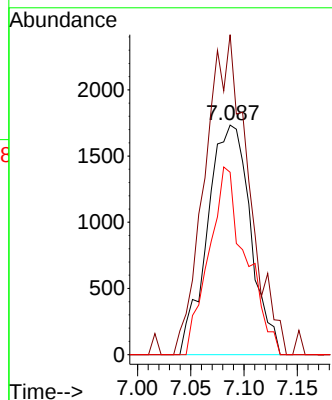
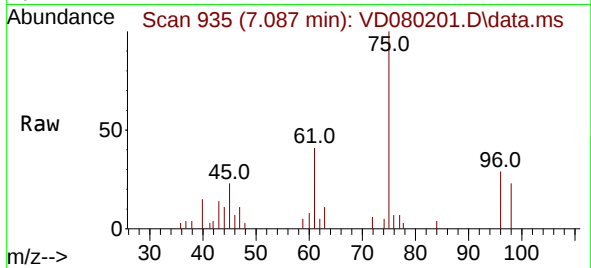




#20
 cis-1,2-Dichloroethene
 Concen: 1.372 ug/L
 RT: 7.087 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD080201.D
 Acq: 09 Jan 2025 18:48

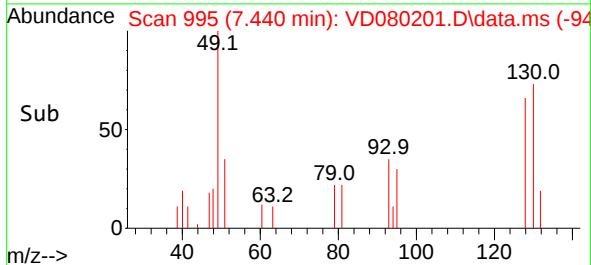
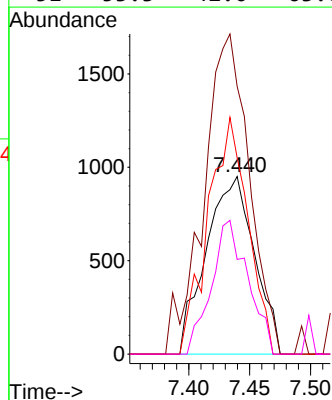
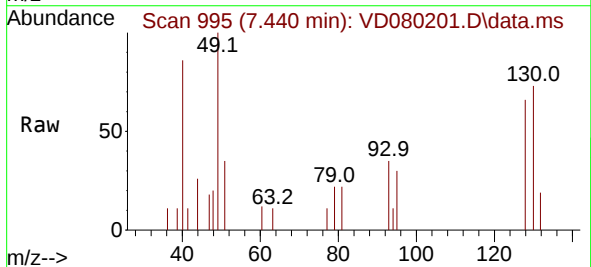
Instrument :
 MSVOA_D
 ClientSampleId :

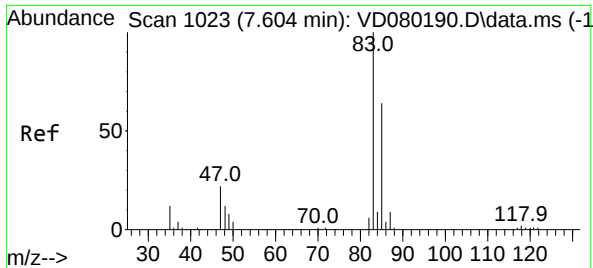
Tgt Ion: 96 Resp: 4865
 Ion Ratio Lower Upper
 96 100
 61 139.4 80.8 150.0
 98 79.5 42.6 79.0#



#23
 Bromochloromethane
 Concen: 1.530 ug/L
 RT: 7.440 min Scan# 995
 Delta R.T. 0.012 min
 Lab File: VD080201.D
 Acq: 09 Jan 2025 18:48

Tgt Ion:128 Resp: 2623
 Ion Ratio Lower Upper
 128 100
 49 150.7 110.7 205.7
 130 110.5 83.1 154.3
 51 53.3 42.0 63.0

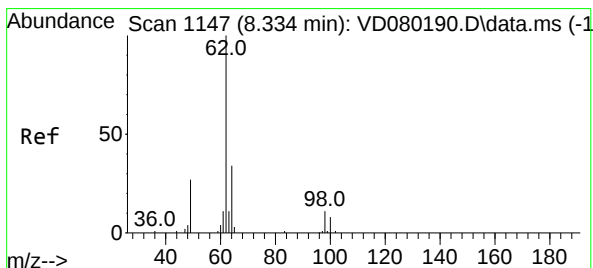
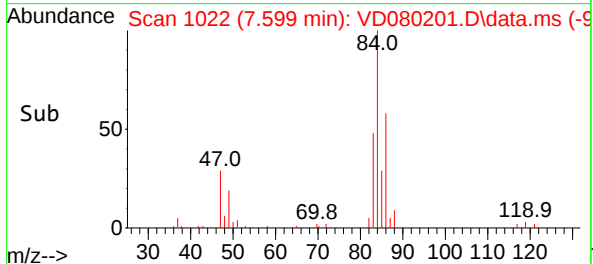
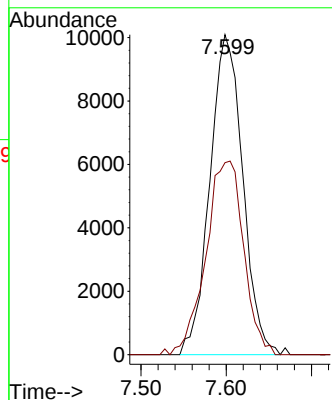
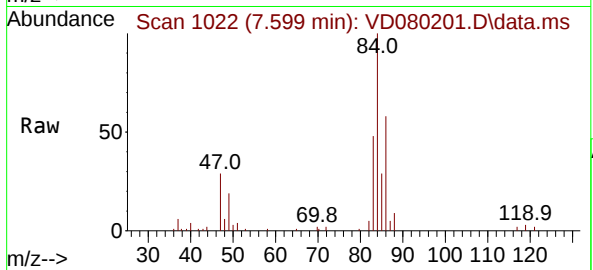




#25
Chloroform
Concen: 3.749 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

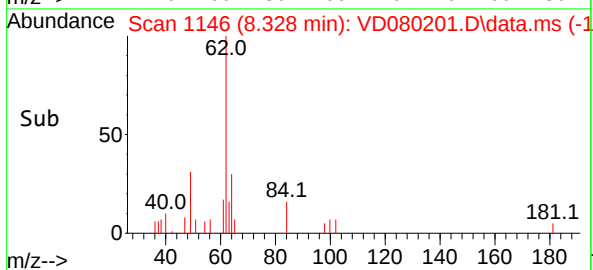
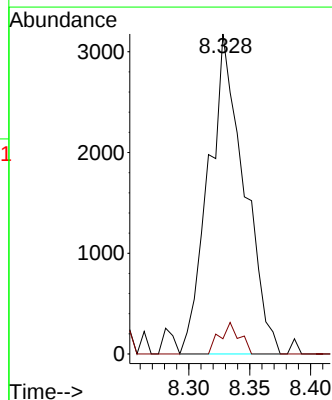
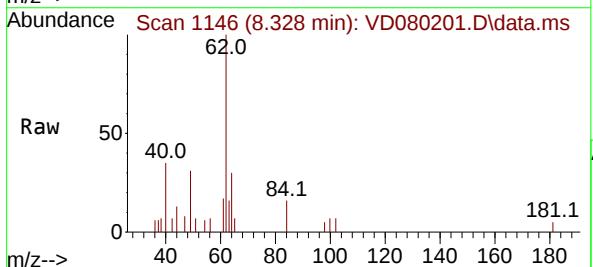
Instrument :
MSVOA_D
ClientSampleId :

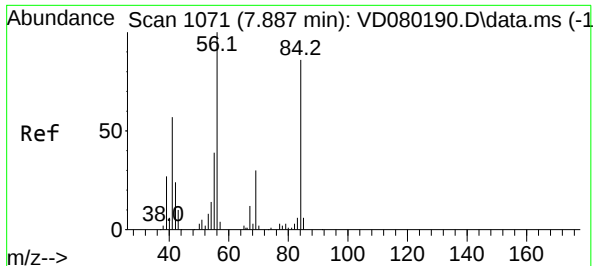
Tgt Ion: 83 Resp: 27042
Ion Ratio Lower Upper
83 100
85 60.0 45.1 83.9



#27
1,2-Dichloroethane
Concen: 1.536 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion: 62 Resp: 6462
Ion Ratio Lower Upper
62 100
98 4.8 8.6 13.0#





#29

Cyclohexane

Concen: 1.140 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.012 min

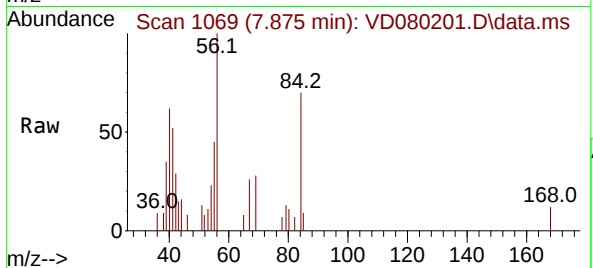
Lab File: VD080201.D

Acq: 09 Jan 2025 18:48

Instrument :

MSVOA_D

ClientSampleId :



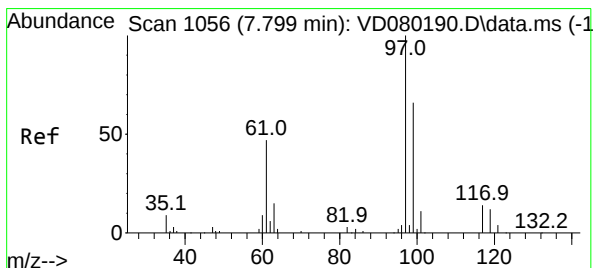
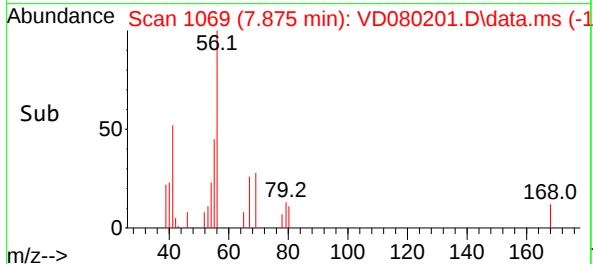
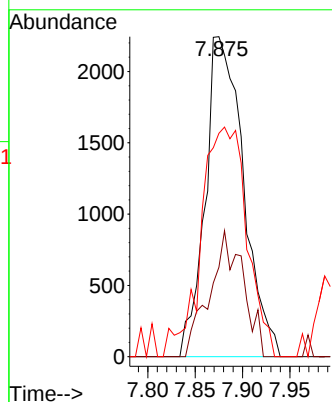
Tgt Ion: 56 Resp: 6298

Ion Ratio Lower Upper

56 100

69 12.8 24.2 36.4#

84 45.3 68.8 103.2#



#30

1,1,1-Trichloroethane

Concen: 1.398 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD080201.D

Acq: 09 Jan 2025 18:48

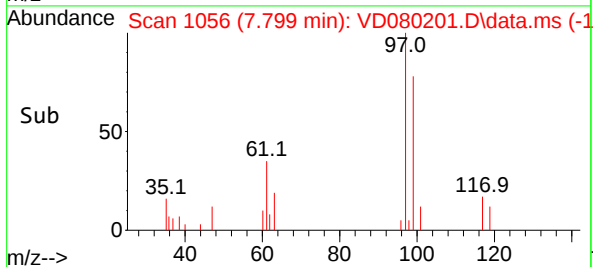
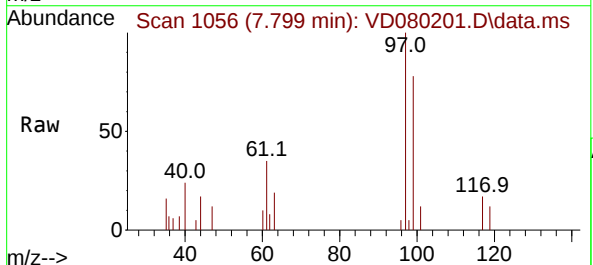
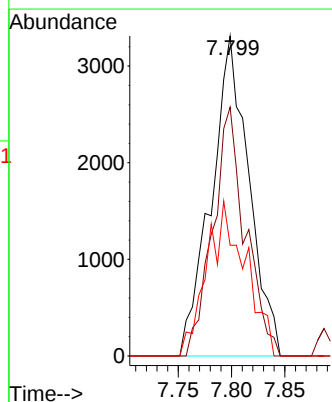
Tgt Ion: 97 Resp: 8131

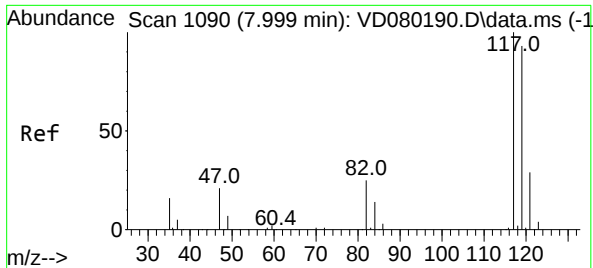
Ion Ratio Lower Upper

97 100

99 67.3 51.7 77.5

61 39.1 35.8 53.6

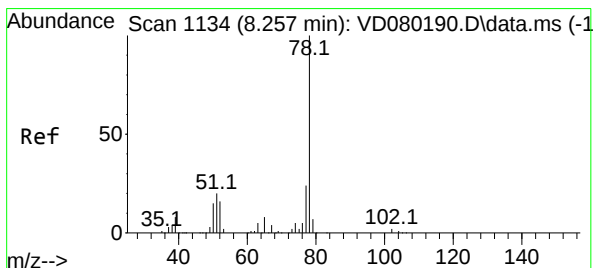
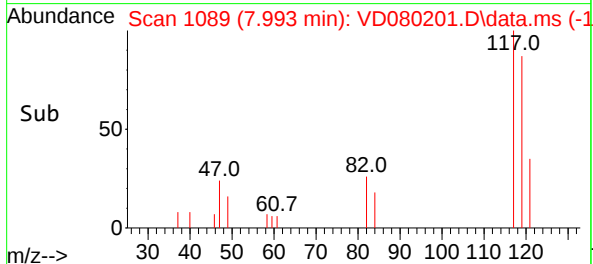
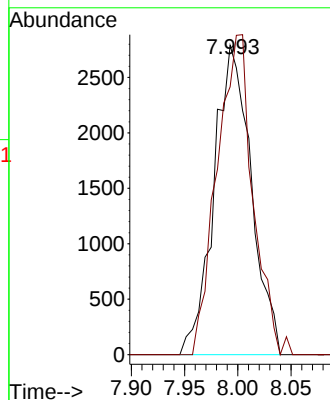
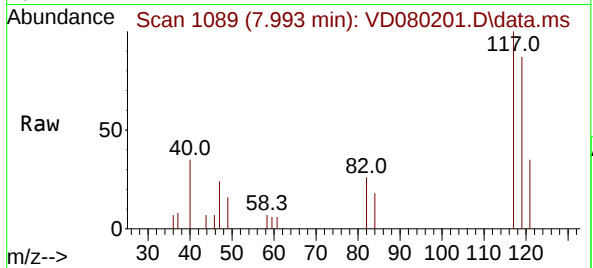




#31
Carbon tetrachloride
Concen: 1.324 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

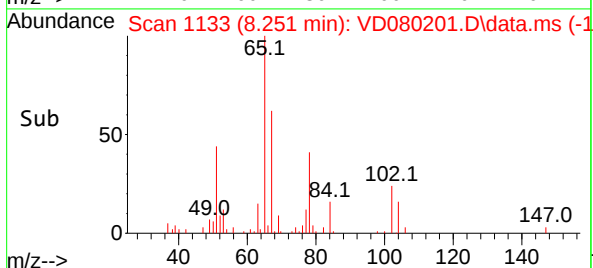
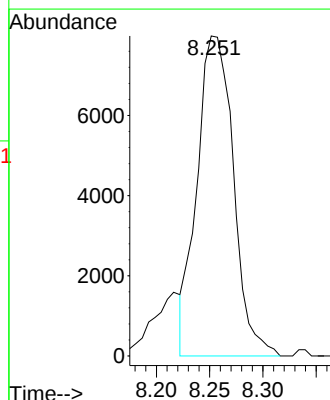
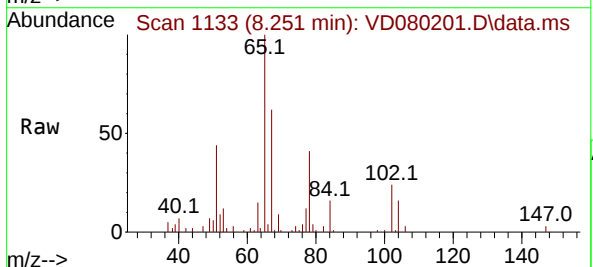
Instrument :
MSVOA_D
ClientSampleId :

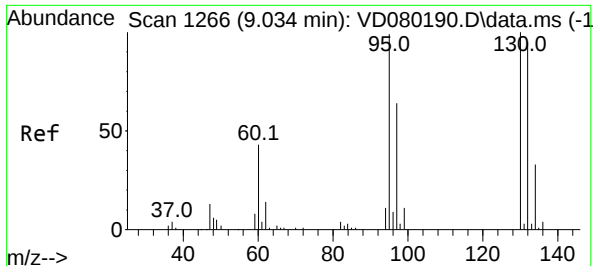
Tgt Ion:117 Resp: 6801
Ion Ratio Lower Upper
117 100
119 98.9 75.8 113.8



#33
Benzene
Concen: 1.270 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

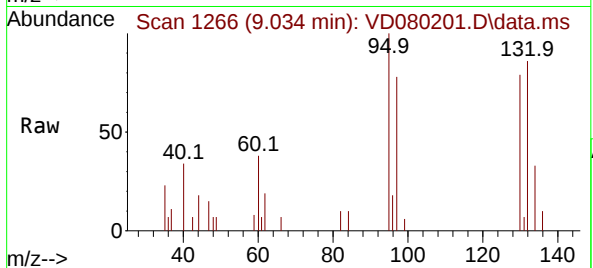
Tgt Ion: 78 Resp: 18971





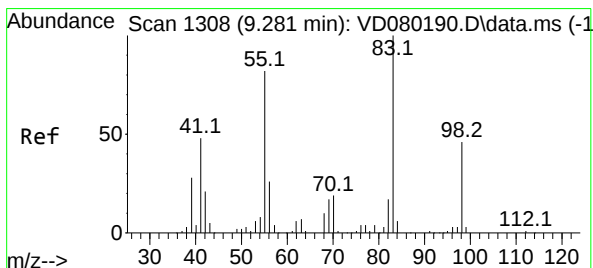
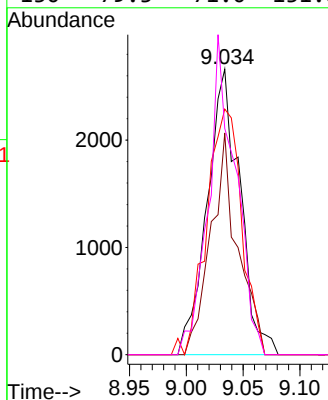
#34
Trichloroethene
Concen: 1.373 ug/L
RT: 9.034 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Instrument :
MSVOA_D
ClientSampleId :

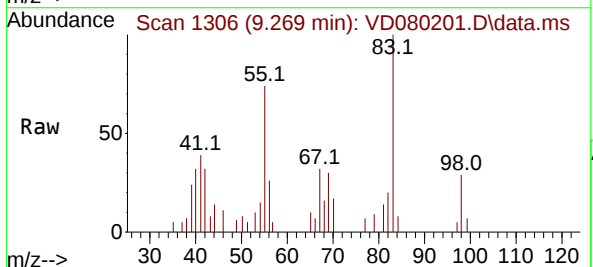


Tgt Ion: 95 Resp: 5311

Ion	Ratio	Lower	Upper
95	100		
97	77.7	45.6	84.6
132	86.1	67.2	124.8
130	79.3	71.0	131.8

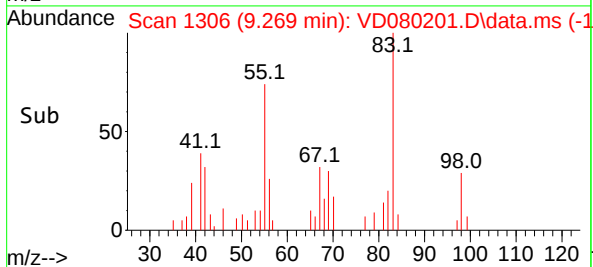
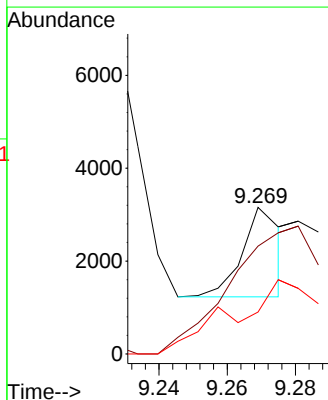


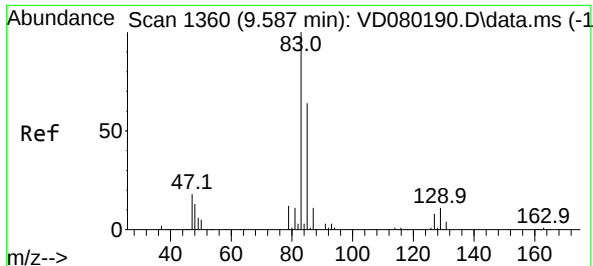
#35
Methylcyclohexane
Concen: 0.264 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.012 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48



Tgt Ion: 83 Resp: 1521

Ion	Ratio	Lower	Upper
83	100		
55	399.9	65.6	98.4#
98	169.6	37.7	56.5#

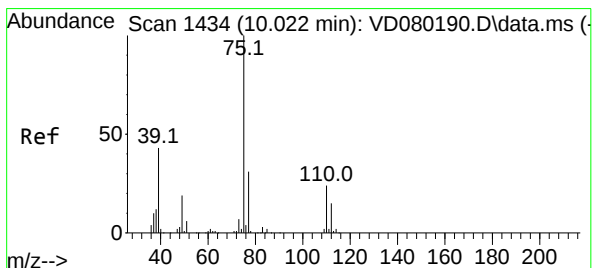
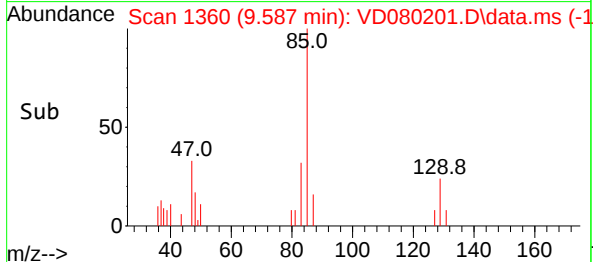
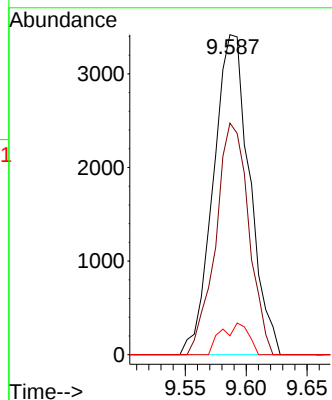
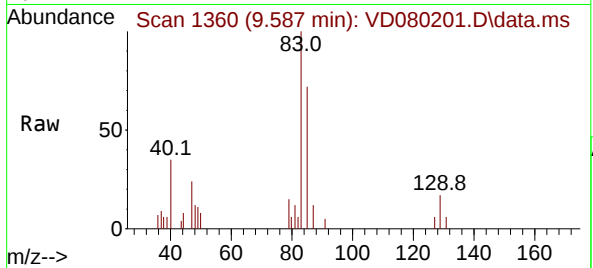




#38
Bromodichloromethane
Concen: 1.386 ug/L
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

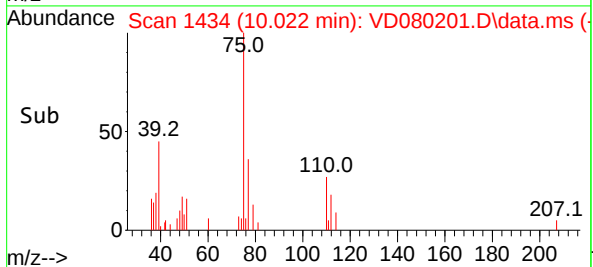
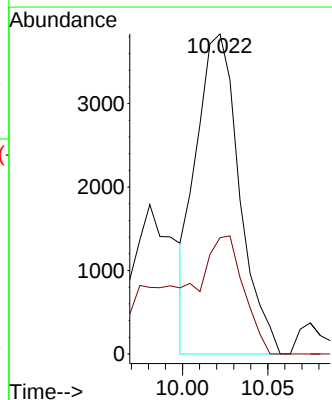
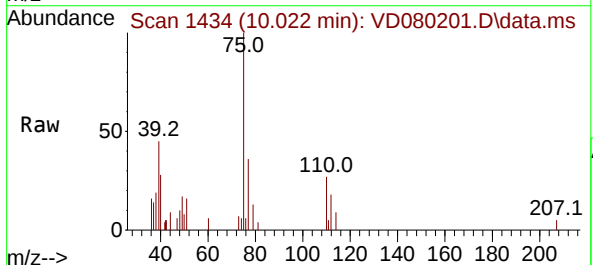
Instrument :
MSVOA_D
ClientSampleId :

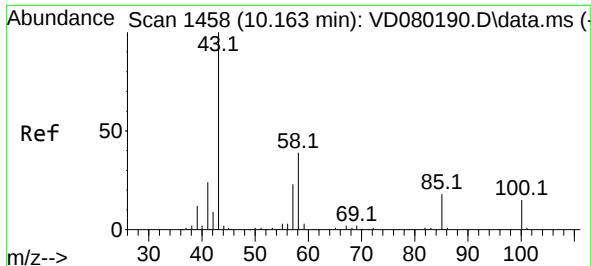
Tgt Ion: 83 Resp: 7070
Ion Ratio Lower Upper
83 100
85 72.4 44.6 82.8
127 5.9 6.7 10.1#



#39
cis-1,3-Dichloropropene
Concen: 1.180 ug/L
RT: 10.022 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion: 75 Resp: 6785
Ion Ratio Lower Upper
75 100
77 36.4 22.0 40.8





#40

4-Methyl-2-pentanone

Concen: 2.676 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. -0.000 min

Lab File: VD080201.D

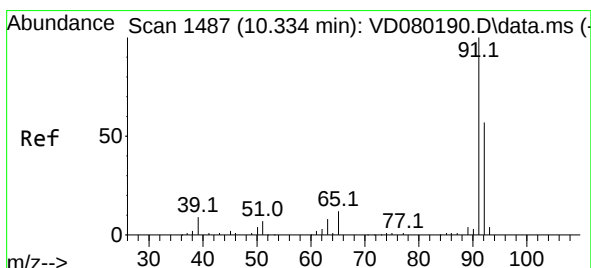
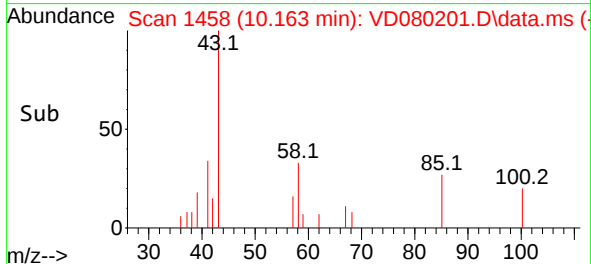
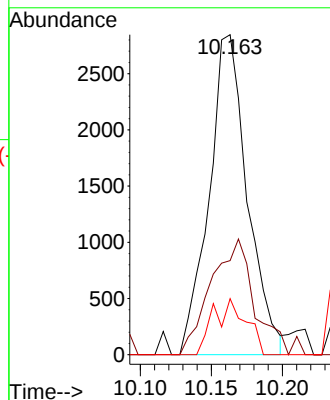
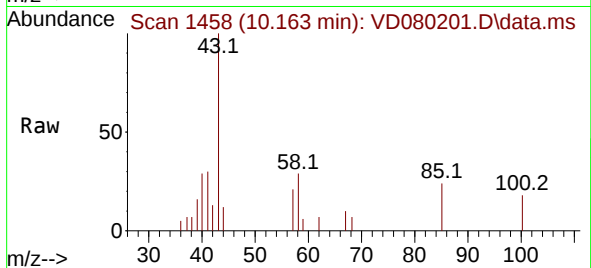
Acq: 09 Jan 2025 18:48

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	43	Resp:	5344
Ion	Ratio	Lower	Upper
43	100		
58	37.8	31.0	46.6
100	13.1	12.1	18.1



#42

Toluene

Concen: 1.359 ug/L

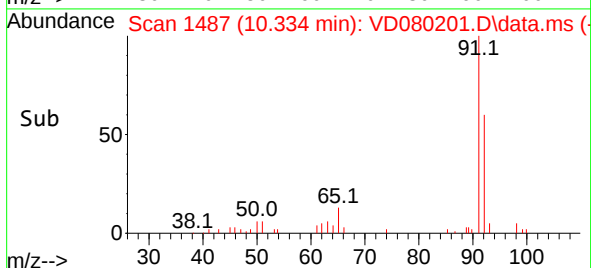
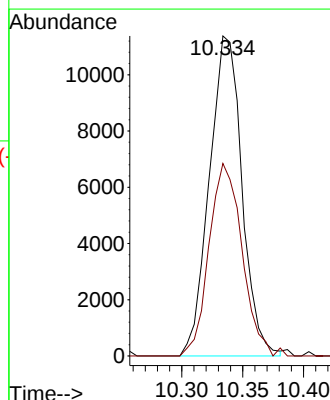
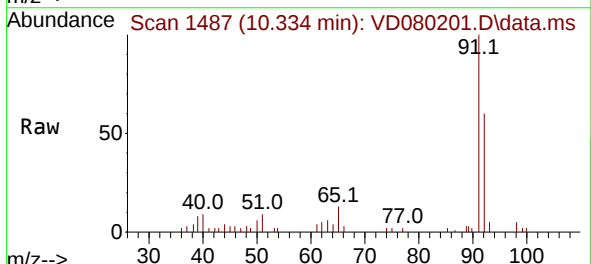
RT: 10.334 min Scan# 1487

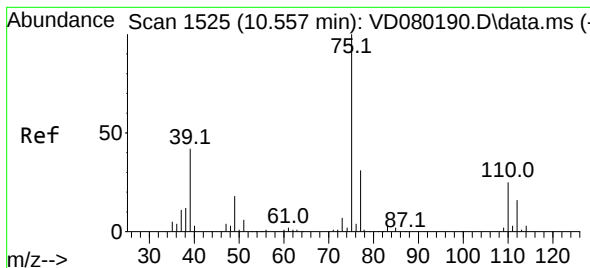
Delta R.T. -0.000 min

Lab File: VD080201.D

Acq: 09 Jan 2025 18:48

Tgt Ion:	91	Resp:	21210
Ion	Ratio	Lower	Upper
91	100		
92	60.1	39.8	73.8

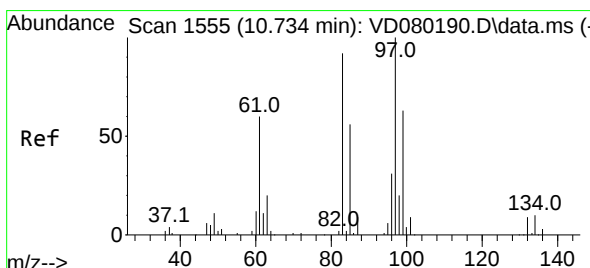
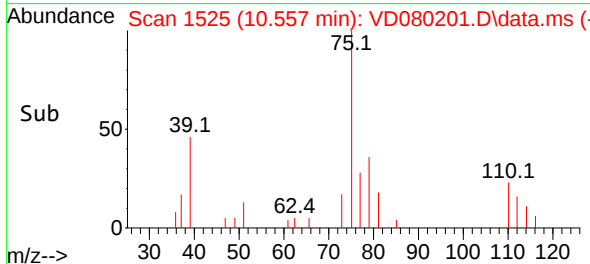
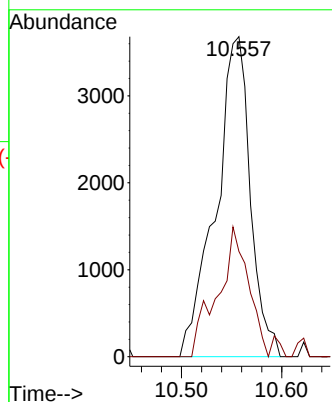
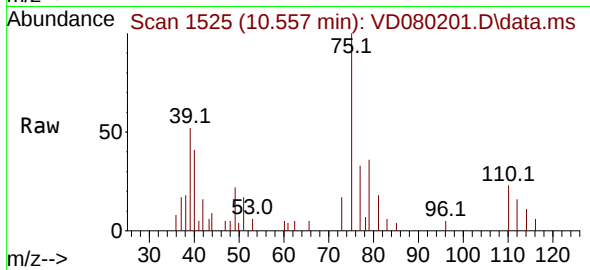




#44
trans-1,3-Dichloropropene
Concen: 1.780 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

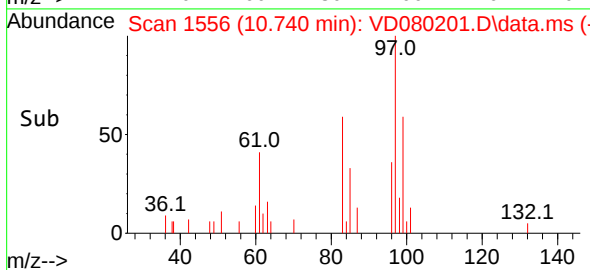
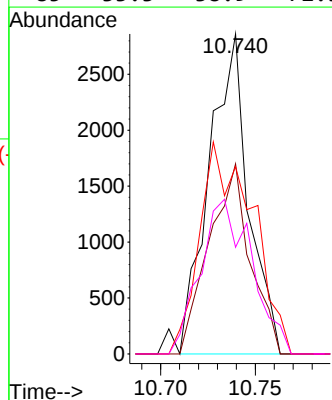
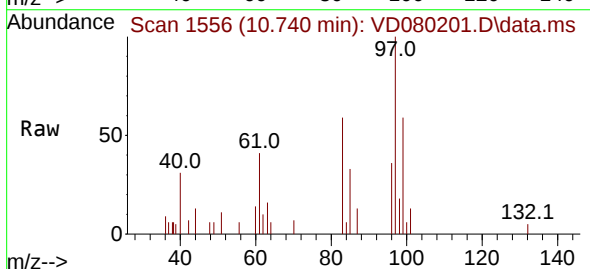
Instrument :
MSVOA_D
ClientSampleId :

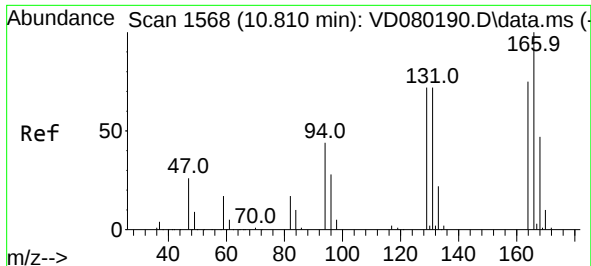
Tgt Ion: 75 Resp: 8839
Ion Ratio Lower Upper
75 100
77 32.9 22.0 40.8



#45
1,1,2-Trichloroethane
Concen: 1.394 ug/L
RT: 10.740 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

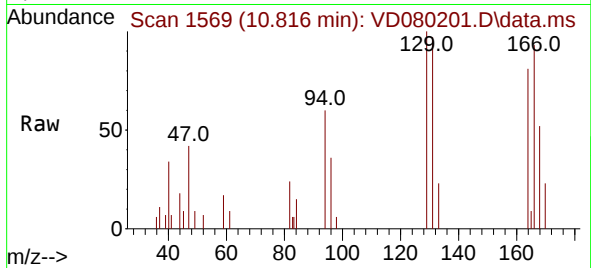
Tgt Ion: 97 Resp: 4142
Ion Ratio Lower Upper
97 100
99 59.4 44.0 81.8
83 58.5 64.4 119.6#
85 33.3 38.9 72.3#





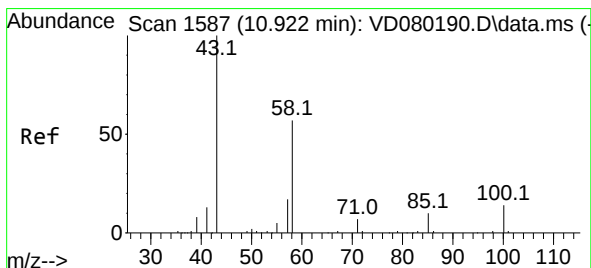
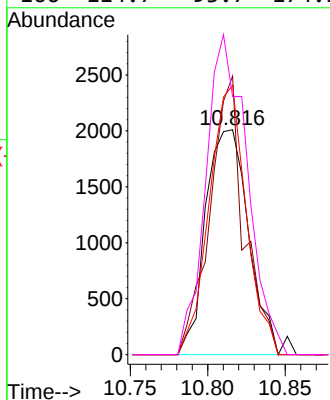
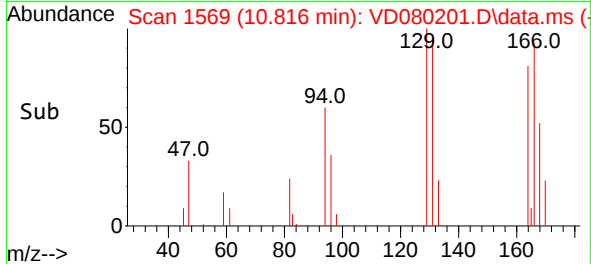
#46
Tetrachloroethene
Concen: 1.241 ug/L
RT: 10.816 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Instrument :
MSVOA_D
ClientSampleId :

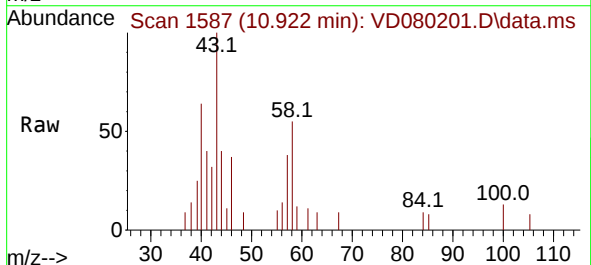


Tgt Ion:164 Resp: 3866

Ion	Ratio	Lower	Upper
164	100		
129	123.8	67.8	125.8
131	119.7	67.6	125.6
166	114.7	93.7	174.1

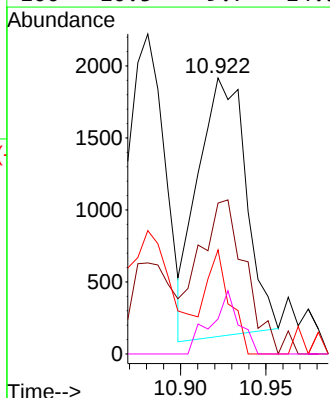
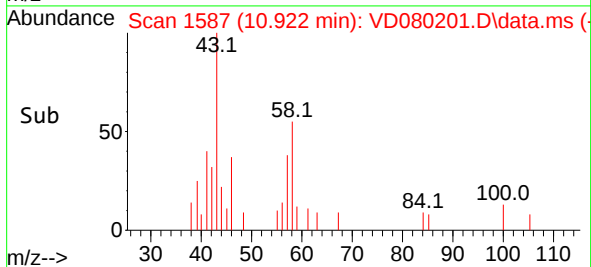


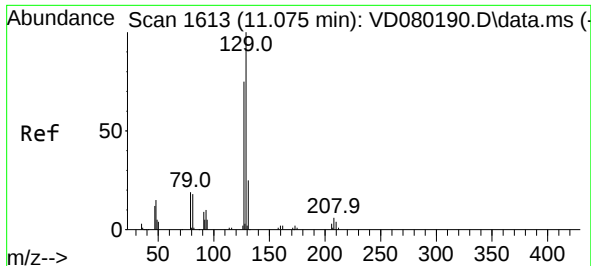
#48
2-Hexanone
Concen: 2.593 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48



Tgt Ion: 43 Resp: 3531

Ion	Ratio	Lower	Upper
43	100		
58	57.5	42.5	63.7
57	18.9	15.5	23.3
100	10.5	9.7	14.5

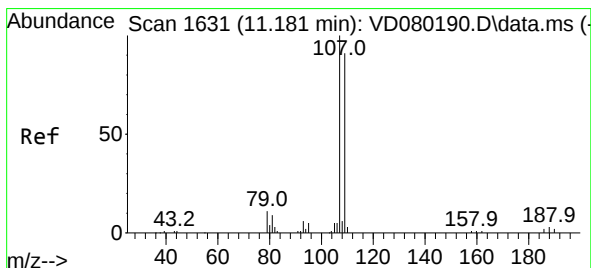
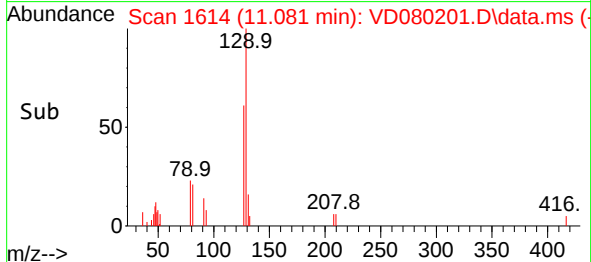
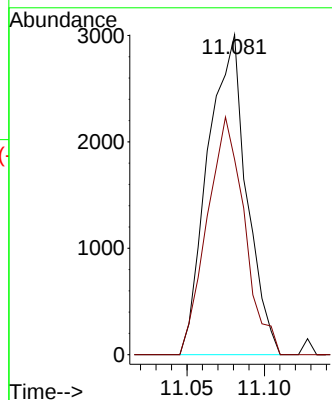
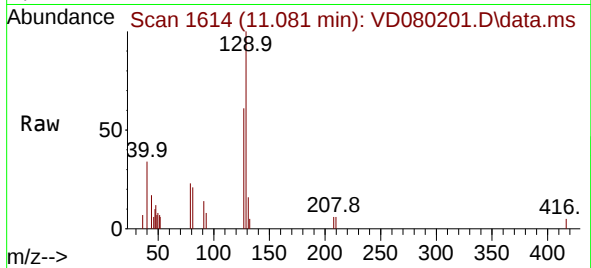




#49
Dibromochloromethane
Concen: 1.583 ug/L
RT: 11.081 min Scan# 1614
Delta R.T. 0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

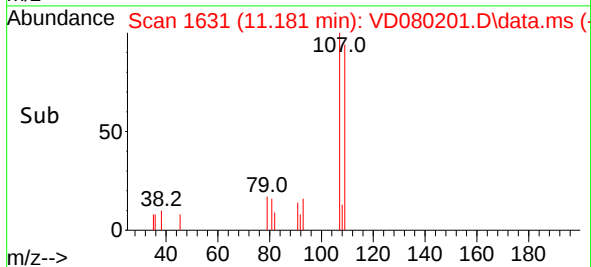
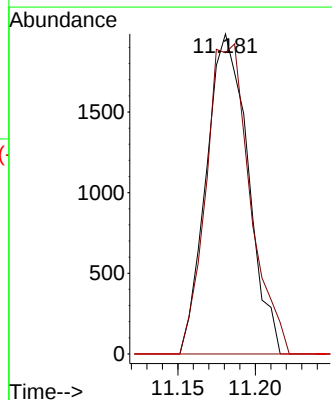
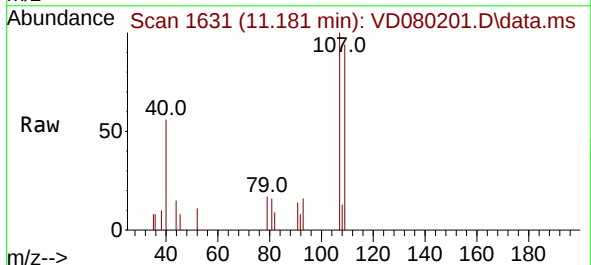
Instrument :
MSVOA_D
ClientSampleId :

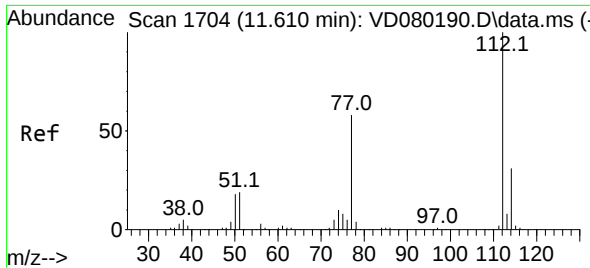
Tgt Ion:129 Resp: 5236
Ion Ratio Lower Upper
129 100
127 61.0 52.3 97.1



#50
1,2-Dibromoethane
Concen: 1.373 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion:107 Resp: 3707
Ion Ratio Lower Upper
107 100
109 94.1 63.8 118.6
188 0.0 2.8 4.2#

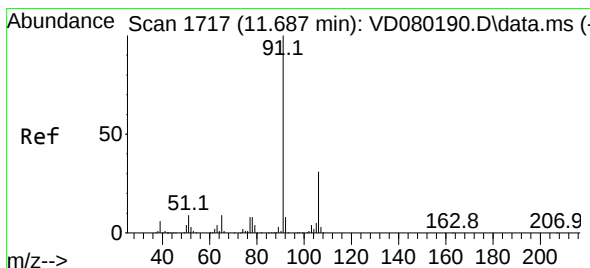
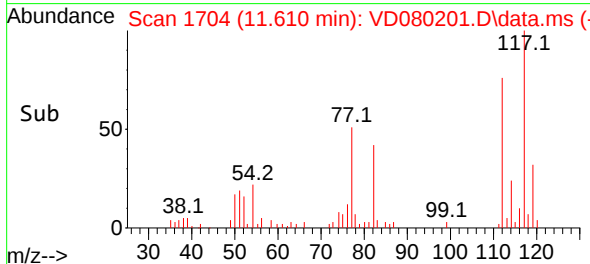
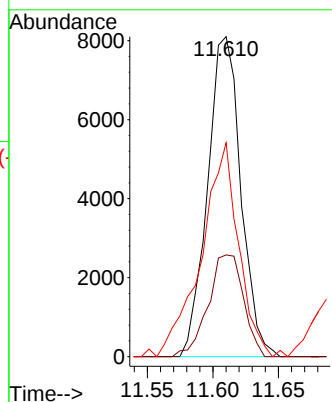
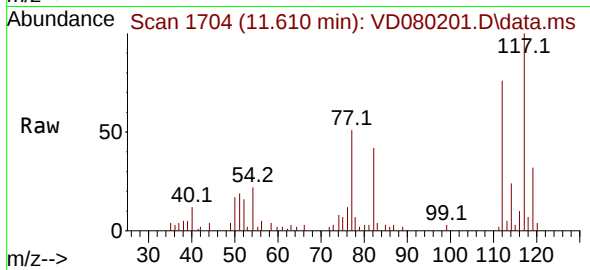




#51
Chlorobenzene
Concen: 1.433 ug/L
RT: 11.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

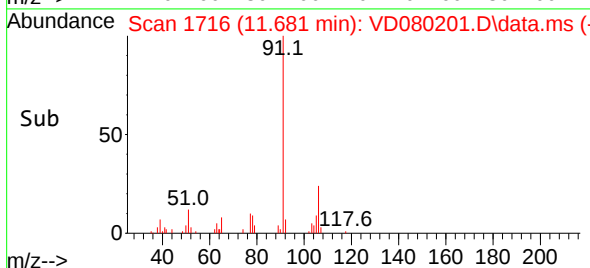
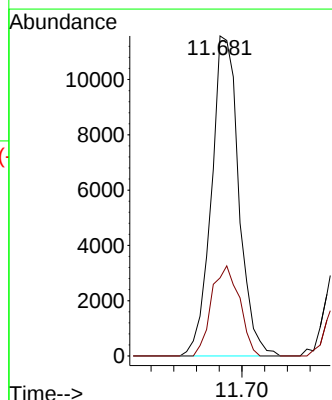
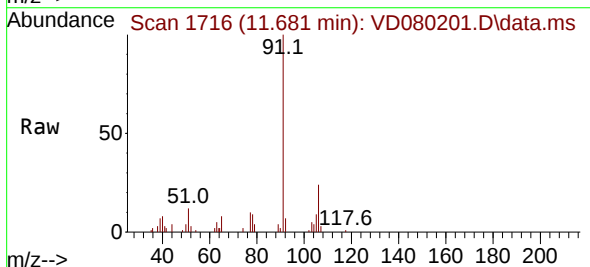
Instrument :
MSVOA_D
ClientSampleId :

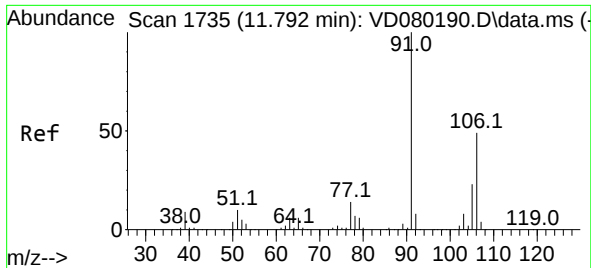
Tgt Ion:112 Resp: 14328
Ion Ratio Lower Upper
112 100
114 31.8 21.8 40.6
77 66.9 46.8 70.2



#52
Ethylbenzene
Concen: 1.159 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion: 91 Resp: 19403
Ion Ratio Lower Upper
91 100
106 24.4 21.8 40.6

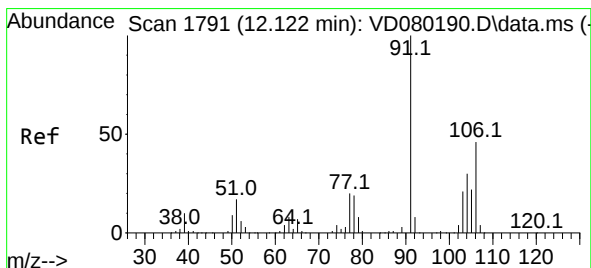
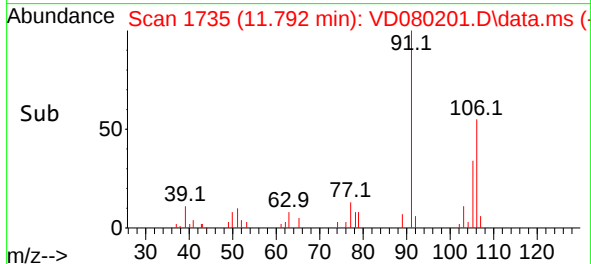
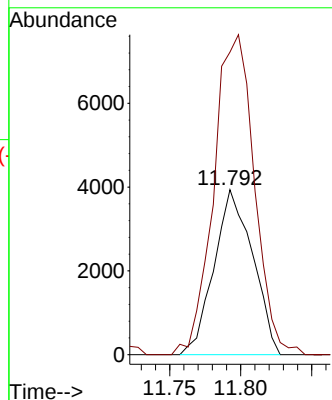
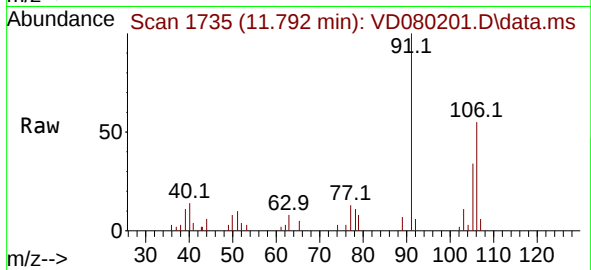




#53
m,p-Xylene
Concen: 1.193 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

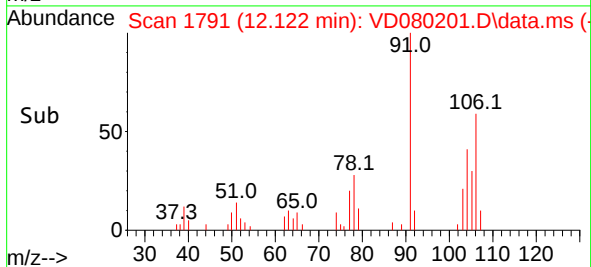
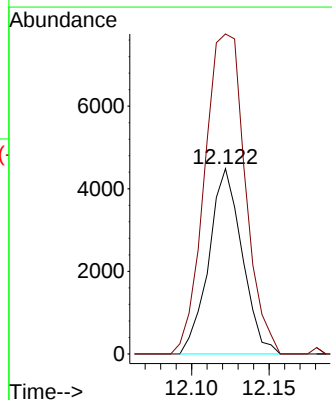
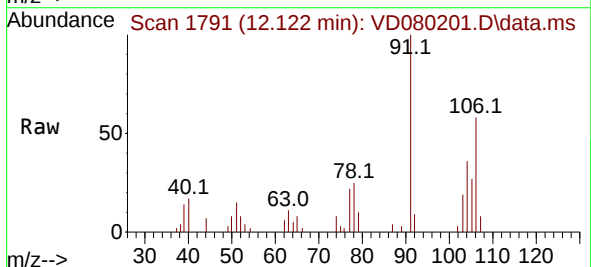
Instrument :
MSVOA_D
ClientSampleId :

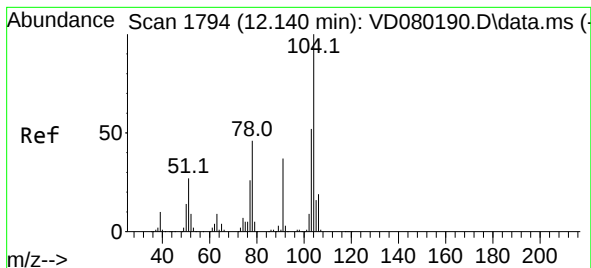
Tgt Ion:106 Resp: 7462
Ion Ratio Lower Upper
106 100
91 183.3 144.1 267.7



#54
o-Xylene
Concen: 1.144 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion:106 Resp: 6696
Ion Ratio Lower Upper
106 100
91 172.7 153.8 285.6





#55

Styrene

Concen: 1.054 ug/L

RT: 12.134 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080201.D

Acq: 09 Jan 2025 18:48

Instrument :

MSVOA_D

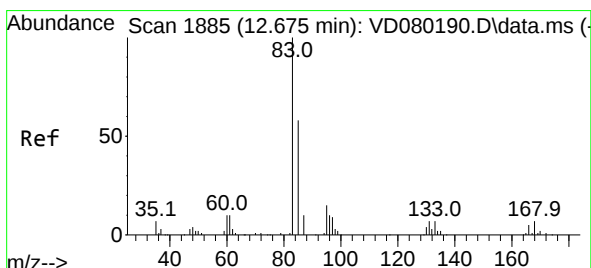
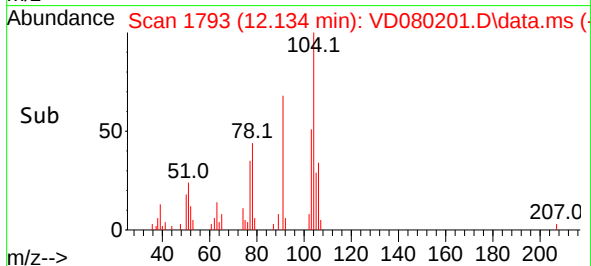
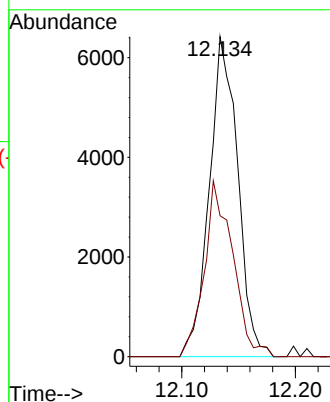
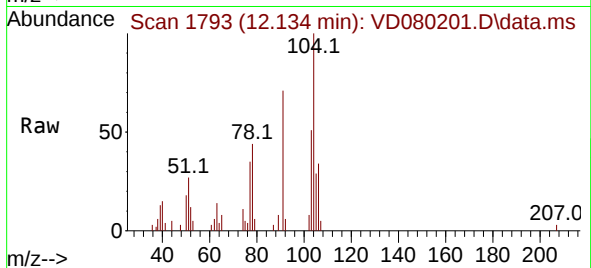
ClientSampleId :

Tgt Ion:104 Resp: 11174

Ion Ratio Lower Upper

104 100

78 44.1 31.9 59.3



#57

1,1,2,2-Tetrachloroethane

Concen: 1.581 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD080201.D

Acq: 09 Jan 2025 18:48

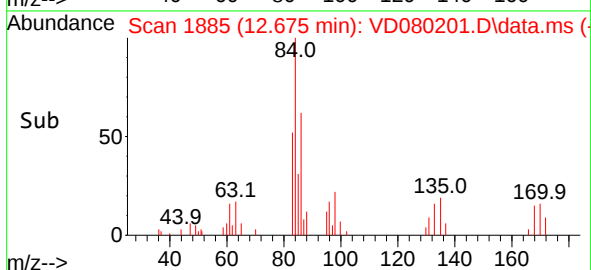
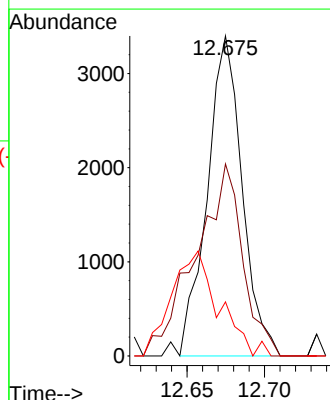
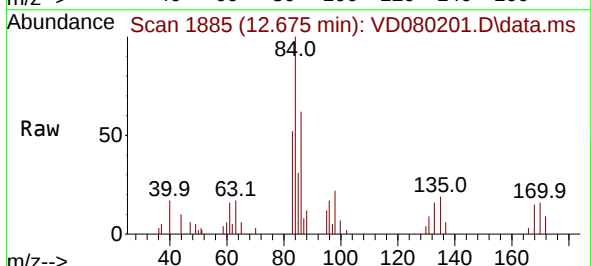
Tgt Ion: 83 Resp: 5325

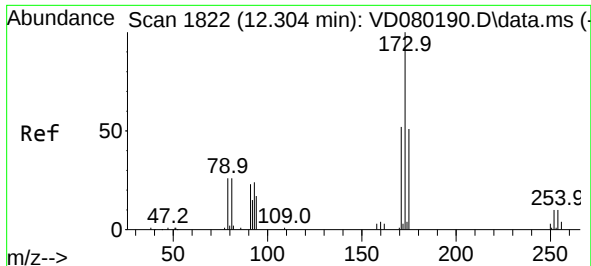
Ion Ratio Lower Upper

83 100

85 60.0 40.7 75.5

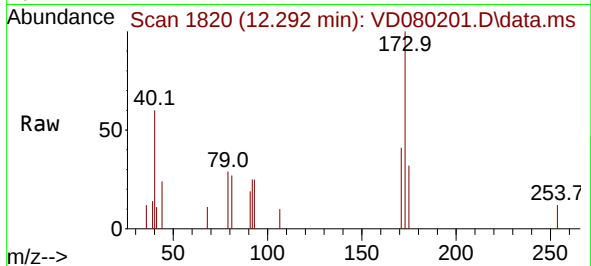
131 16.9 6.2 9.2#



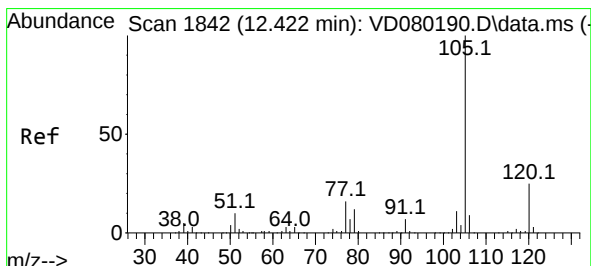
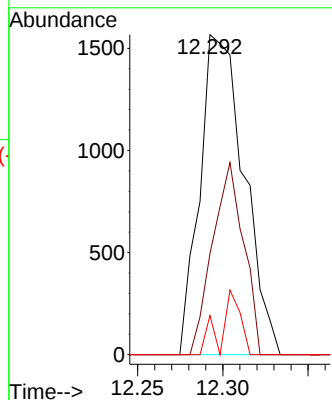
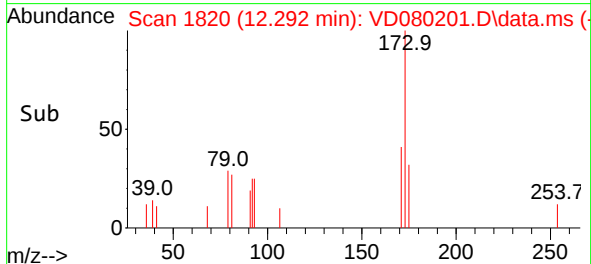


#59
Bromoform
Concen: 1.631 ug/L
RT: 12.292 min Scan# 1820
Delta R.T. -0.012 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

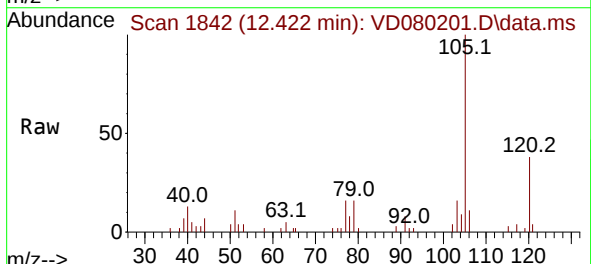
Instrument :
MSVOA_D
ClientSampleId :



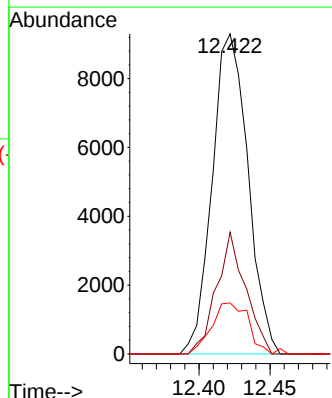
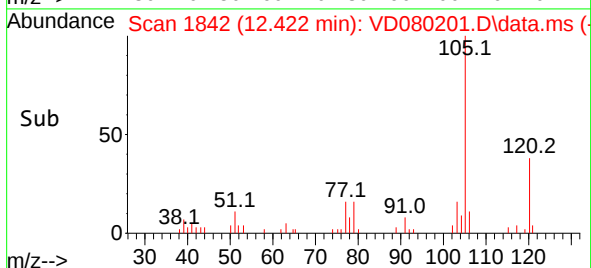
Tgt Ion:173 Resp: 2828
Ion Ratio Lower Upper
173 100
175 0.0 38.2 57.4#
254 2.4 8.3 12.5#

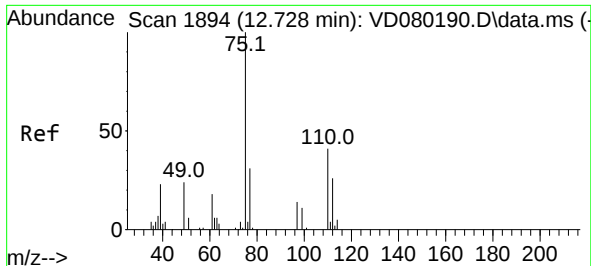


#60
Isopropylbenzene
Concen: 1.208 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48



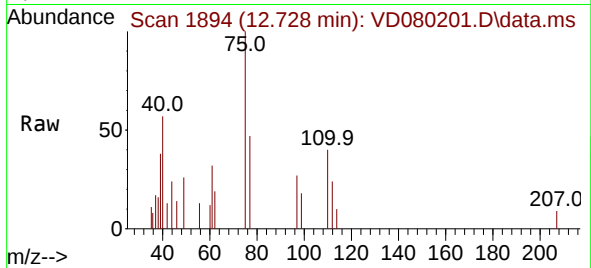
Tgt Ion:105 Resp: 16284
Ion Ratio Lower Upper
105 100
120 30.9 20.6 30.8#
77 16.3 13.0 19.6



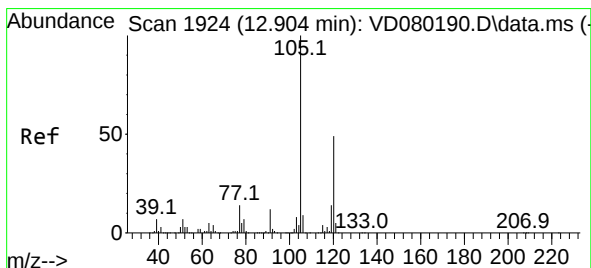
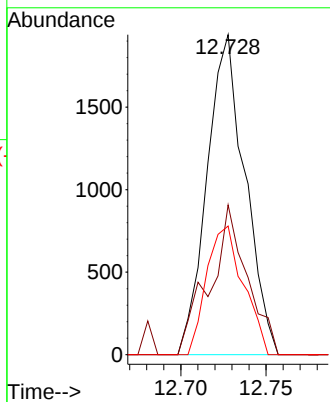
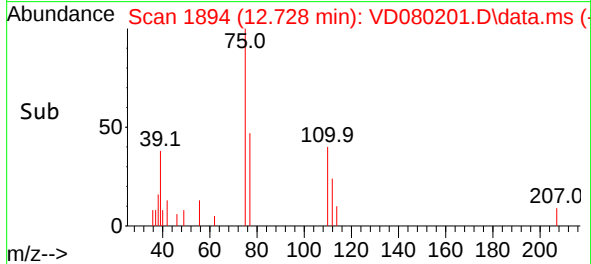


#61
1,2,3-Trichloropropane
Concen: 1.473 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Instrument :
MSVOA_D
ClientSampleId :

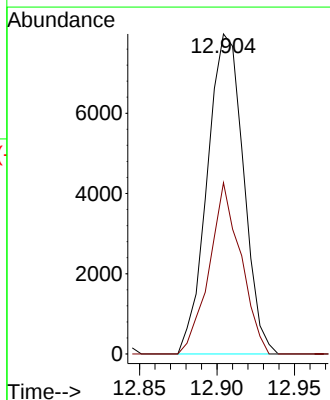
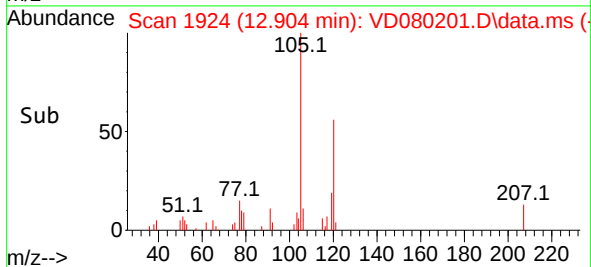
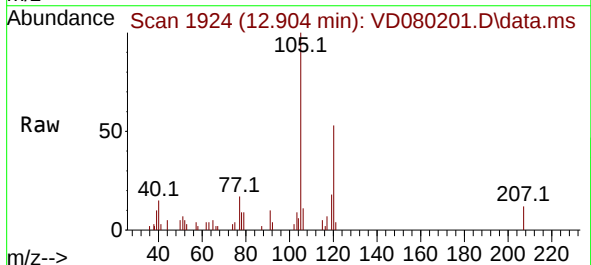


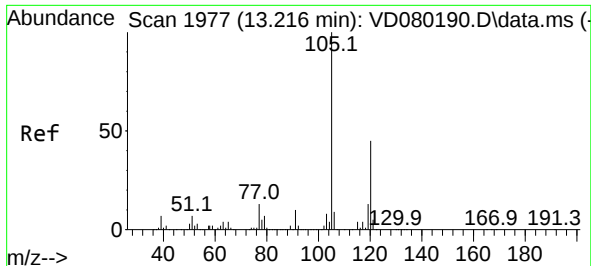
Tgt Ion: 75 Resp: 3011
Ion Ratio Lower Upper
75 100
77 34.5 25.7 38.5
110 38.8 31.5 47.3



#62
1,3,5-Trimethylbenzene
Concen: 1.207 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion: 105 Resp: 12963
Ion Ratio Lower Upper
105 100
120 46.6 38.9 58.3

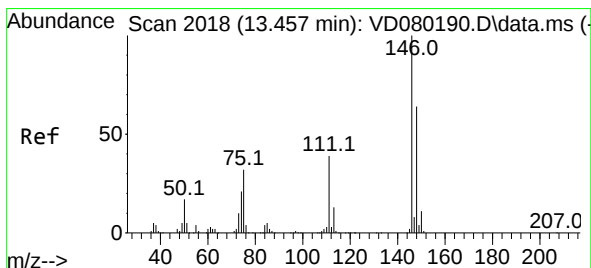
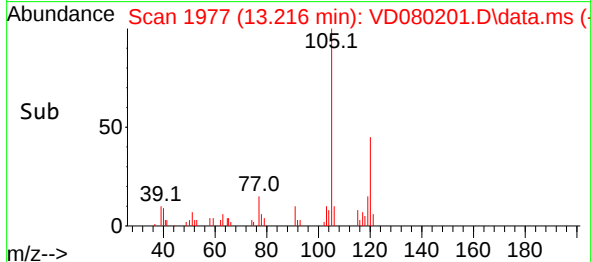
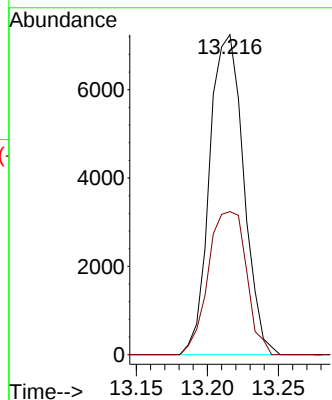
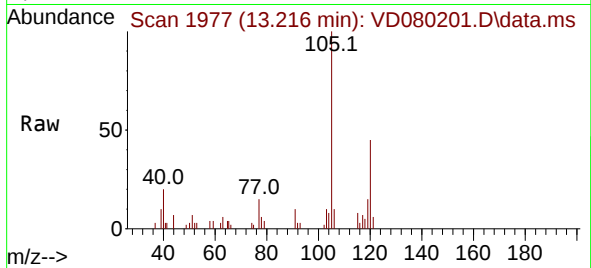




#63
 1,2,4-Trimethylbenzene
 Concen: 1.153 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. -0.000 min
 Lab File: VD080201.D
 Acq: 09 Jan 2025 18:48

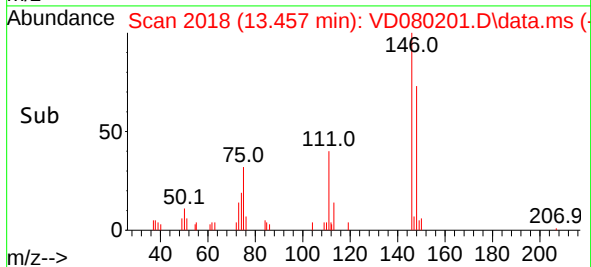
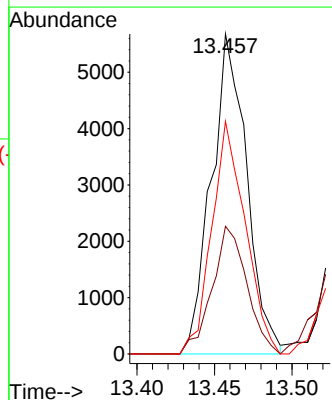
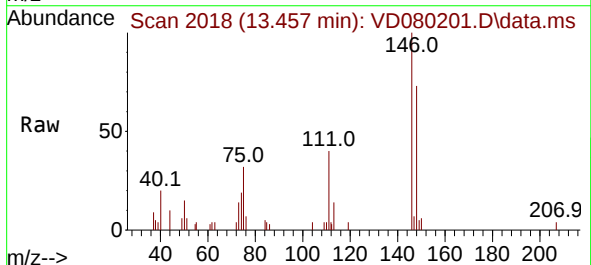
Instrument :
 MSVOA_D
 ClientSampleId :

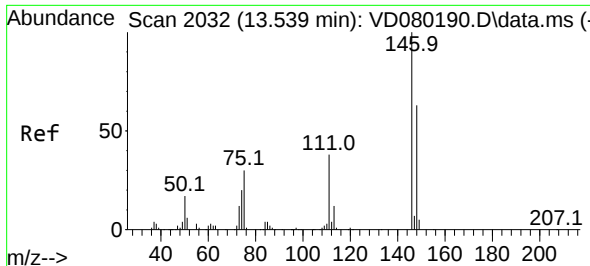
Tgt Ion:105 Resp: 12081
 Ion Ratio Lower Upper
 105 100
 120 50.2 36.1 54.1



#64
 1,3-Dichlorobenzene
 Concen: 1.367 ug/L
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD080201.D
 Acq: 09 Jan 2025 18:48

Tgt Ion:146 Resp: 9012
 Ion Ratio Lower Upper
 146 100
 111 39.9 27.2 50.6
 148 72.7 44.8 83.2

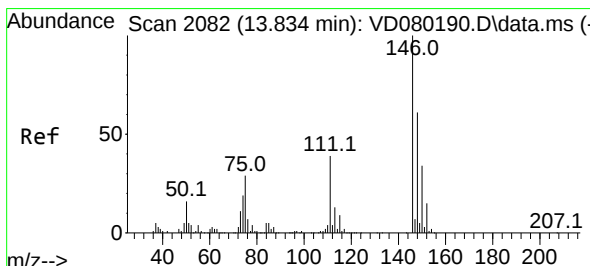
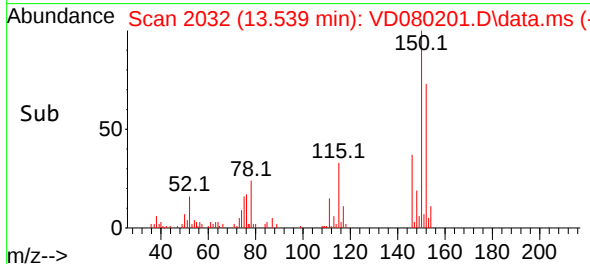
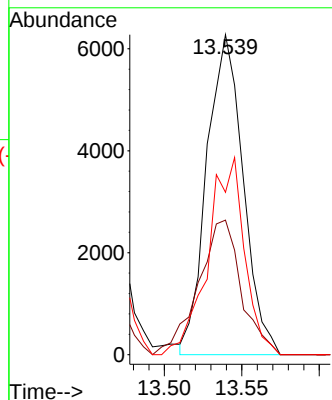
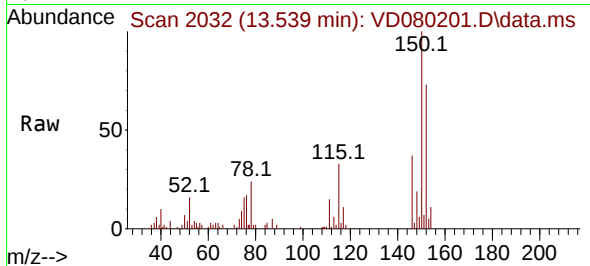




#65
1,4-Dichlorobenzene
Concen: 1.503 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

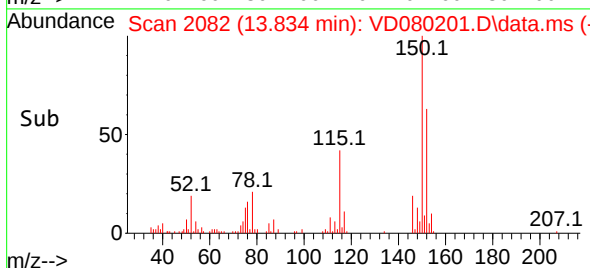
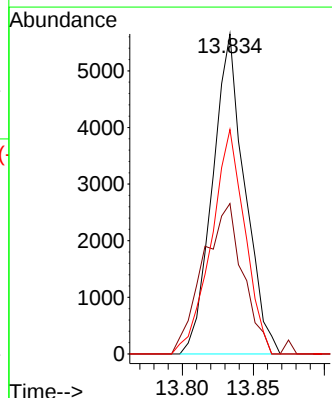
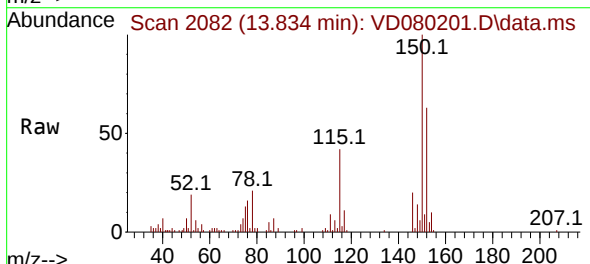
Instrument :
MSVOA_D
ClientSampleId :

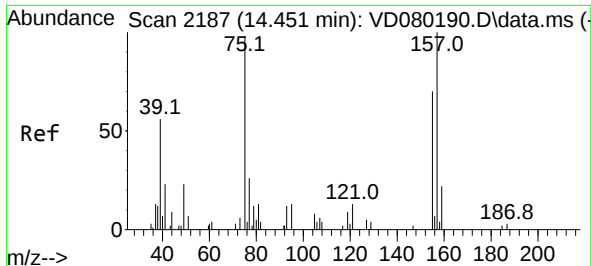
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	26.7	49.7
148	50.8	44.1	81.9



#67
1,2-Dichlorobenzene
Concen: 1.512 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.0	31.4	47.0
148	70.2	48.8	73.2

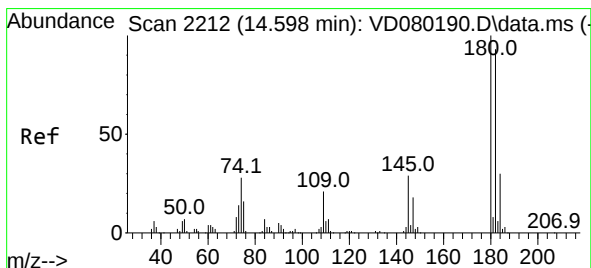
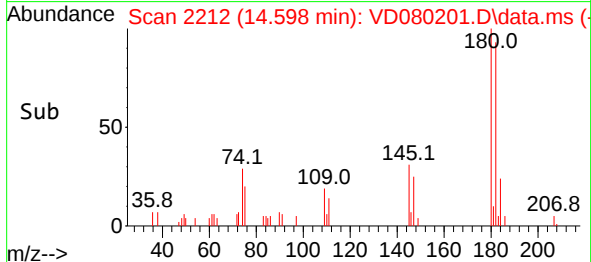
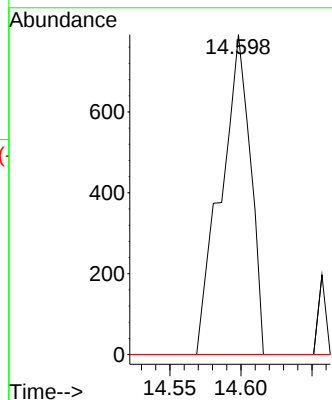
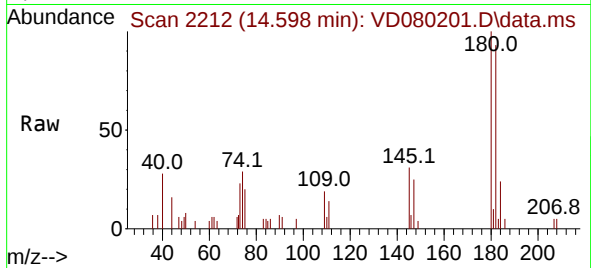




#68
1,2-Dibromo-3-chloropropane
Concen: 2.569 ug/L
RT: 14.598 min Scan# 2187
Delta R.T. 0.147 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

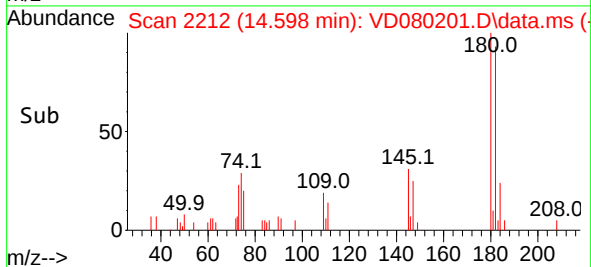
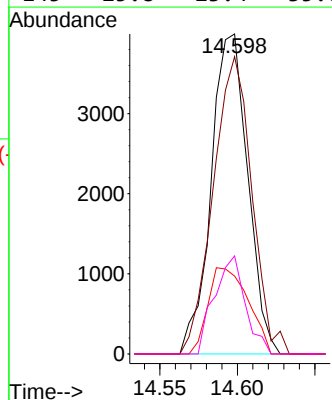
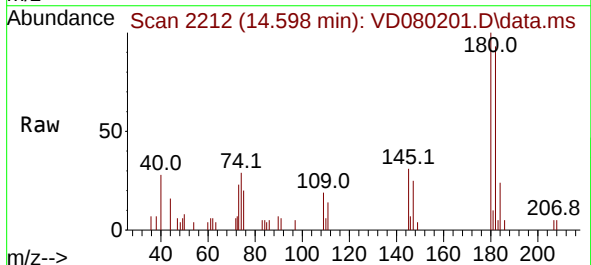
Instrument :
MSVOA_D
ClientSampleId :

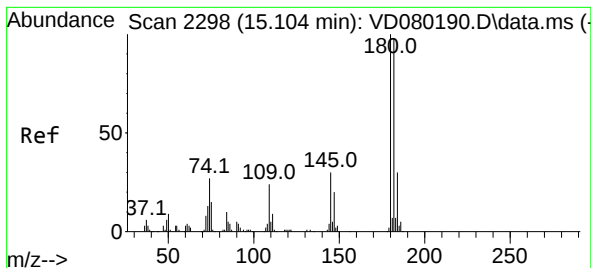
Tgt Ion: 75 Resp: 1142
Ion Ratio Lower Upper
75 100
155 0.0 57.3 85.9#
157 0.0 82.0 123.0#



#69
1,3,5-Trichlorobenzene
Concen: 1.463 ug/L
RT: 14.598 min Scan# 2212
Delta R.T. -0.000 min
Lab File: VD080201.D
Acq: 09 Jan 2025 18:48

Tgt Ion:180 Resp: 6562
Ion Ratio Lower Upper
180 100
182 97.7 75.4 113.0
184 29.6 24.0 36.0
145 25.8 23.4 35.0





#70

1,2,4-trichlorobenzene

Concen: 1.445 ug/L

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD080201.D

Acq: 09 Jan 2025 18:48

Instrument :

MSVOA_D

ClientSampleId :

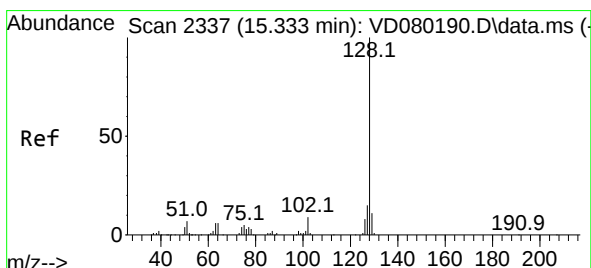
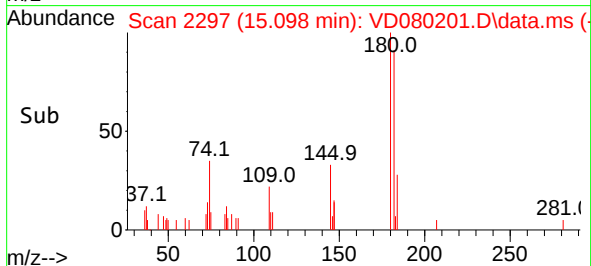
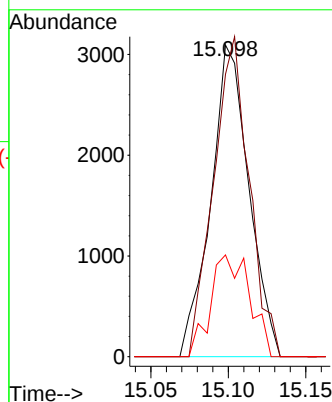
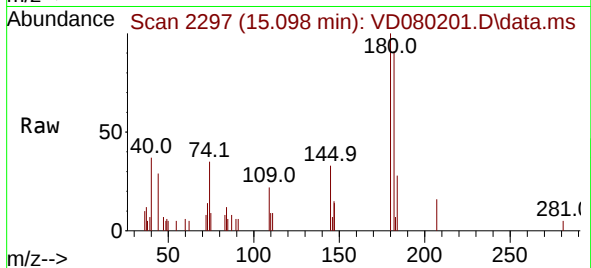
Tgt Ion:180 Resp: 5287

Ion Ratio Lower Upper

180 100

182 96.0 76.9 115.3

145 21.8 23.5 35.3#



#71

Naphthalene

Concen: 1.396 ug/L

RT: 15.333 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD080201.D

Acq: 09 Jan 2025 18:48

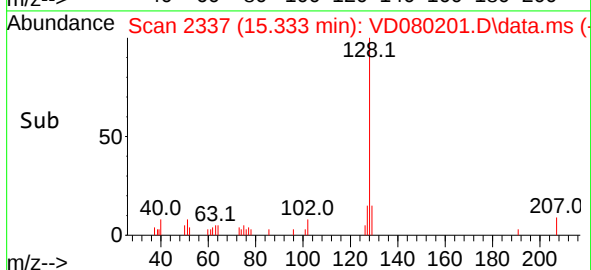
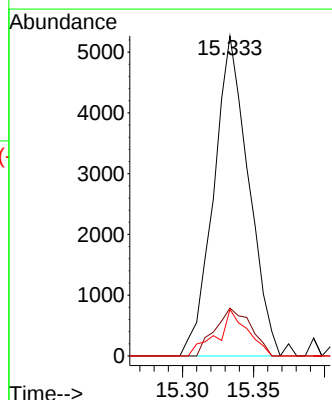
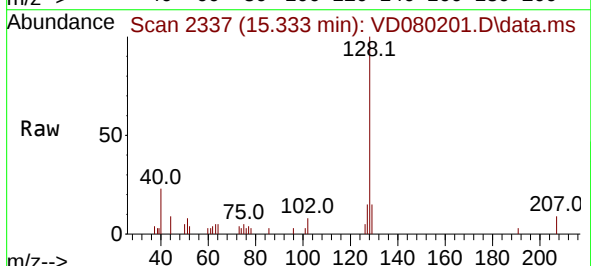
Tgt Ion:128 Resp: 8991

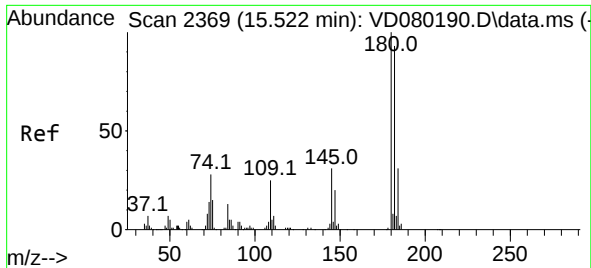
Ion Ratio Lower Upper

128 100

127 15.4 11.5 17.3

129 8.6 9.0 13.6#





#72

1,2,3-Trichlorobenzene

Concen: 1.371 ug/L

RT: 15.528 min Scan# 21

Delta R.T. 0.006 min

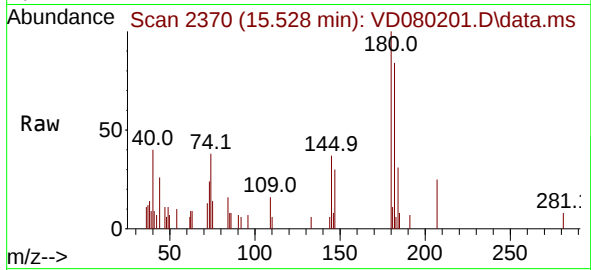
Lab File: VD080201.D

Acq: 09 Jan 2025 18:48

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 4661

Ion Ratio Lower Upper

180 100

182 95.8 74.8 112.2

145 31.8 24.2 36.4

