

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
 Data File : VD080188.D
 Acq On : 09 Jan 2025 10:35
 Operator : RP/MD
 Sample : VSTD2.5
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 09 19:47:01 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	170678	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	169052	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	78878	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	13923	2.781	ug/L	0.00
7) Chloroethane-d5	2.805	69	12324	3.030	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.928	65	2332	1.927	ug/L	0.00
21) 2-Butanone-d5	7.016	46	639	1.131	ug/L	0.02
24) Chloroform-d	7.569	84	13502	2.521	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	7657	2.729	ug/L	0.00
32) Benzene-d6	8.204	84	25034	2.294	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.216	67	8879	2.458	ug/L	0.00
41) Toluene-d8	10.269	98	22107	2.223	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	3354	2.273	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	1752	3.892	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	7180	2.653	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.822	152	7331	2.472	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	5505	1.625	ug/L	98
3) Chloromethane	2.158	50	6984	1.512	ug/L	92
5) Vinyl chloride	2.293	62	9392	1.657	ug/L	98
6) Bromomethane	2.705	94	6305	1.911	ug/L	95
8) Chloroethane	2.846	64	6872	1.977	ug/L	97
9) Trichlorofluoromethane	3.181	101	10767	2.287	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.981	101	4581	1.705	ug/L #	65
12) 1,1-Dichloroethene	3.946	96	4783	1.995	ug/L #	81
13) Acetone	4.028	43	1335	2.915	ug/L	58
14) Carbon disulfide	4.281	76	10662	1.193	ug/L	97
15) Methyl Acetate	4.569	43	1518	1.348	ug/L	97
16) Methylene chloride	4.810	84	7435	2.566	ug/L	96
17) trans-1,2-Dichloroethene	5.322	96	4946	1.885	ug/L #	85
18) Methyl tert-butyl Ether	5.316	73	2798	0.563	ug/L #	38
19) 1,1-Dichloroethane	6.116	63	8547	1.697	ug/L #	93
20) cis-1,2-Dichloroethene	7.087	96	6294	2.294	ug/L	89
22) 2-Butanone	7.104	43	1258	1.929	ug/L	86
23) Bromochloromethane	7.428	128	3341	2.513	ug/L #	71
25) Chloroform	7.599	83	16476	2.952	ug/L	91
27) 1,2-Dichloroethane	8.328	62	8499	2.611	ug/L #	93
29) Cyclohexane	7.881	56	5489	1.291	ug/L	91
30) 1,1,1-Trichloroethane	7.804	97	11128	2.485	ug/L	96
31) Carbon tetrachloride	7.999	117	9042	2.287	ug/L	96
33) Benzene	8.257	78	21674	1.885	ug/L	100
34) Trichloroethene	9.034	95	6552	2.201	ug/L	91
35) Methylcyclohexane	9.281	83	7174	1.620	ug/L	96
37) 1,2-Dichloropropane	9.310	63	7362	2.351	ug/L #	94
38) Bromodichloromethane	9.587	83	10706	2.727	ug/L #	99
39) cis-1,3-Dichloropropene	10.016	75	8483	1.916	ug/L	88
40) 4-Methyl-2-pentanone	10.163	43	6659	4.331	ug/L #	92
42) Toluene	10.340	91	22968	1.912	ug/L	93
44) trans-1,3-Dichloropropene	10.557	75	8607	2.252	ug/L	95

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Quant Time: Jan 09 19:47:01 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

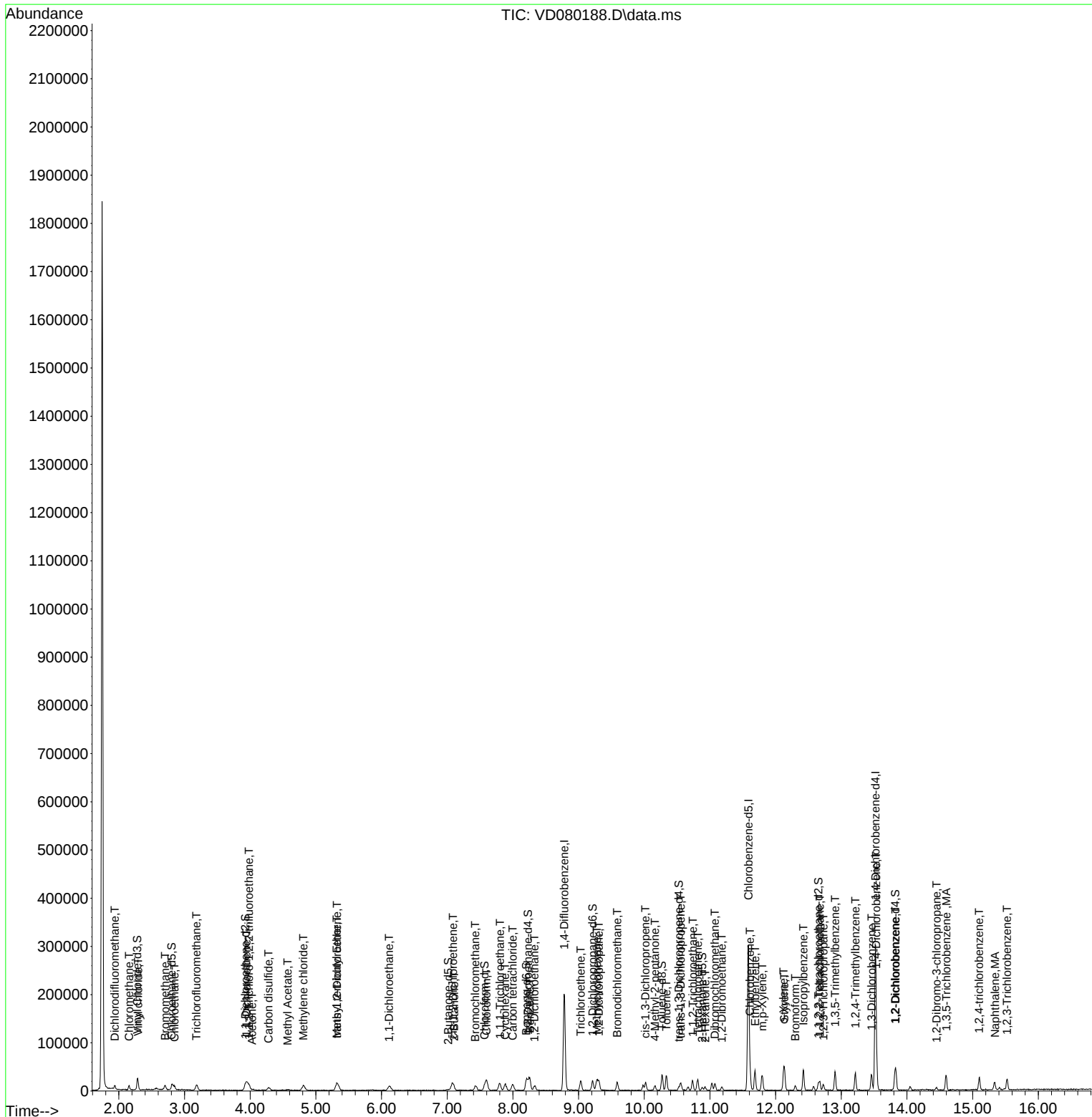
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

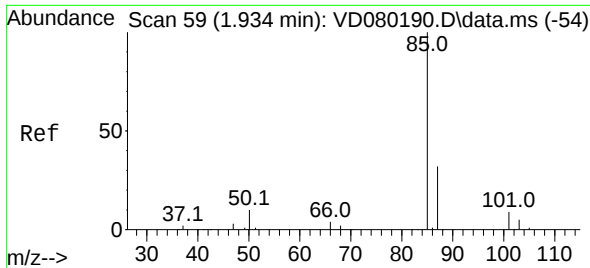
45) 1,1,2-Trichloroethane	10.740	97	6230	2.724	ug/L	94
46) Tetrachloroethene	10.816	164	2445	1.019	ug/L	87
48) 2-Hexanone	10.928	43	4003	3.907	ug/L #	93
49) Dibromochloromethane	11.075	129	7076	2.779	ug/L	89
50) 1,2-Dibromoethane	11.181	107	4927	2.371	ug/L #	99
51) Chlorobenzene	11.610	112	18793	2.441	ug/L	96
52) Ethylbenzene	11.687	91	26308	2.041	ug/L	84
53) m,p-Xylene	11.798	106	9462	1.965	ug/L	88
54) o-Xylene	12.122	106	8451	1.876	ug/L	93
55) Styrene	12.134	104	16428	2.013	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	7146	2.757	ug/L	98
59) Bromoform	12.298	173	3970	2.805	ug/L	99
60) Isopropylbenzene	12.422	105	25020	2.274	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	4498	2.697	ug/L #	88
62) 1,3,5-Trimethylbenzene	12.904	105	19537	2.229	ug/L	95
63) 1,2,4-Trimethylbenzene	13.216	105	18138	2.121	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	12924	2.402	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	14439	2.599	ug/L	92
67) 1,2-Dichlorobenzene	13.828	146	12329	2.558	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.451	75	1263	3.466	ug/L	95
69) 1,3,5-Trichlorobenzene	14.598	180	10085	2.756	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	7512	2.516	ug/L	92
71) Naphthalene	15.339	128	12887	2.453	ug/L	95
72) 1,2,3-Trichlorobenzene	15.522	180	7232	2.608	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ClientSampleId :

Response via : Initial Calibration

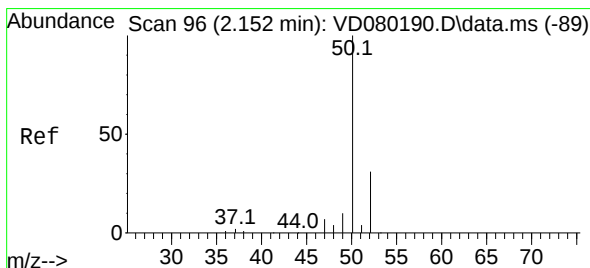
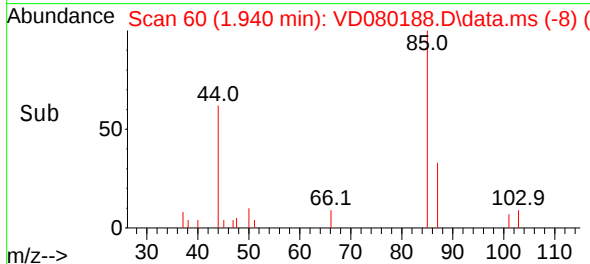
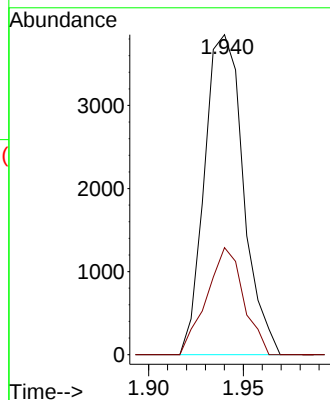
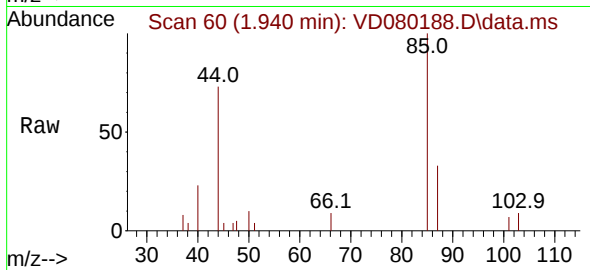




#2
 Dichlorodifluoromethane
 Concen: 1.625 ug/L
 RT: 1.940 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: VD080188.D
 Acq: 09 Jan 2025 10:35

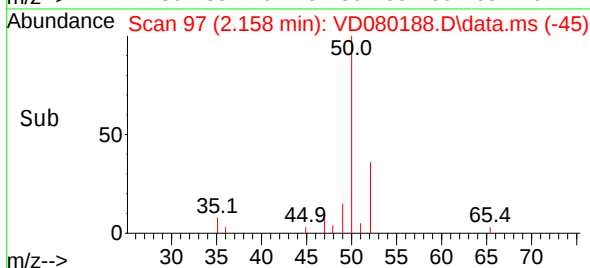
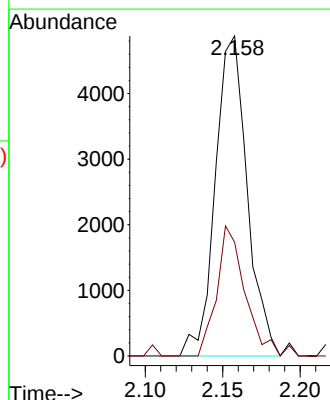
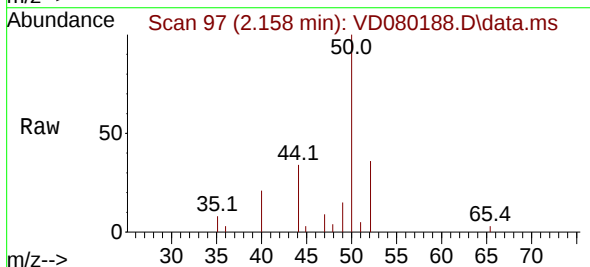
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 MSVOA_D
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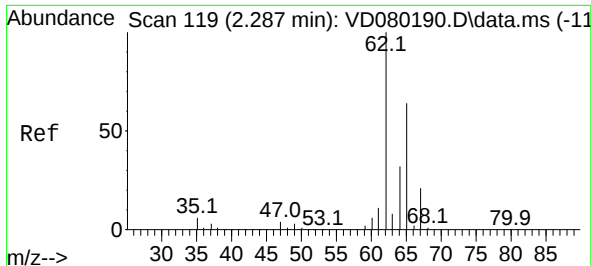
Tgt Ion: 85 Resp: 5505
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.4 39.6



#3
 Chloromethane
 Concen: 1.512 ug/L
 RT: 2.158 min Scan# 97
 Delta R.T. 0.006 min
 Lab File: VD080188.D
 Acq: 09 Jan 2025 10:35

Tgt Ion: 50 Resp: 6984
 Ion Ratio Lower Upper
 50 100
 52 35.5 22.0 40.8

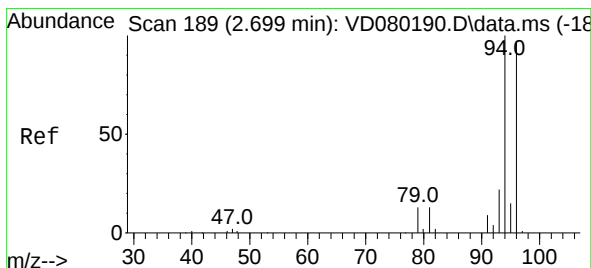
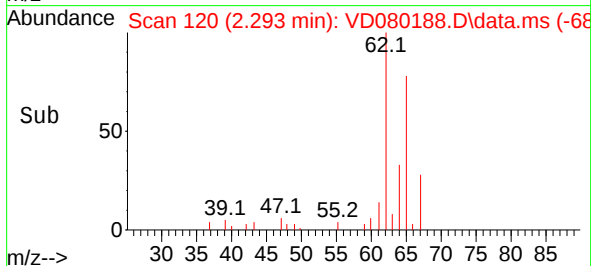
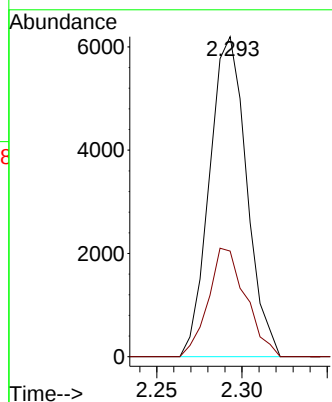
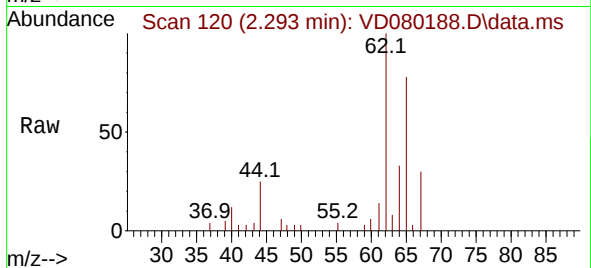




#5
 Vinyl chloride
 Concen: 1.657 ug/L
 RT: 2.293 min Scan# 119
 Delta R.T. 0.006 min
 Lab File: VD080188.D
 Acq: 09 Jan 2025 10:35

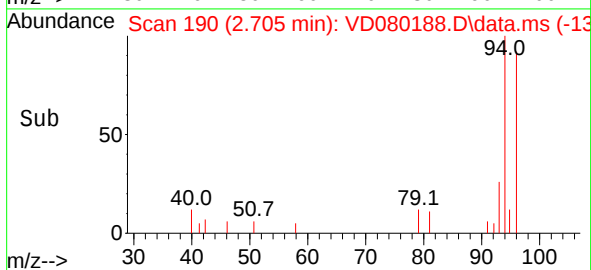
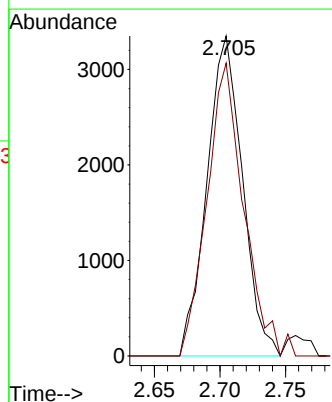
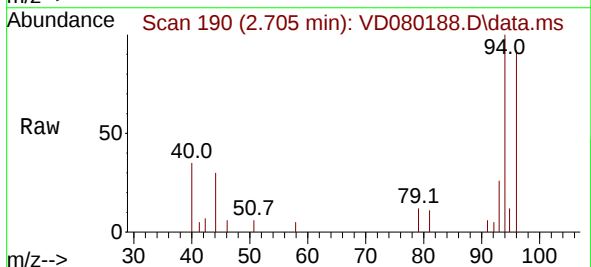
Instrument :
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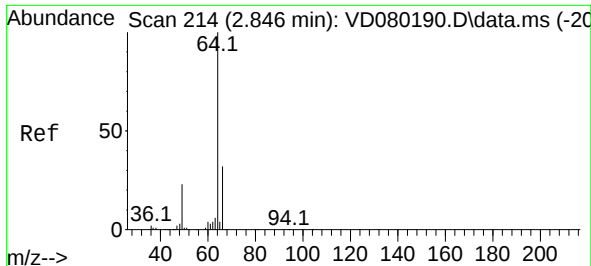
Tgt Ion: 62 Resp: 9392
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.3 41.5



#6
 Bromomethane
 Concen: 1.911 ug/L
 RT: 2.705 min Scan# 190
 Delta R.T. 0.006 min
 Lab File: VD080188.D
 Acq: 09 Jan 2025 10:35

Tgt Ion: 94 Resp: 6305
 Ion Ratio Lower Upper
 94 100
 96 91.5 67.7 125.7

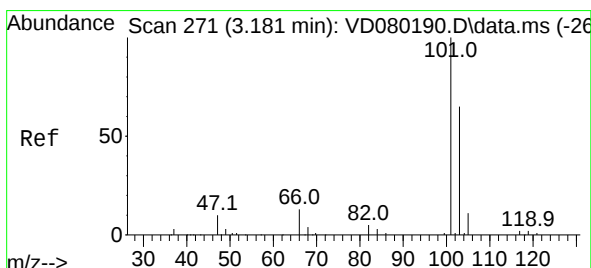
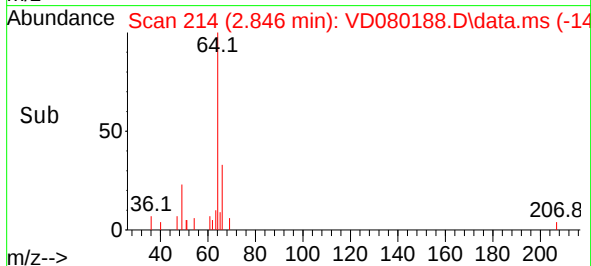
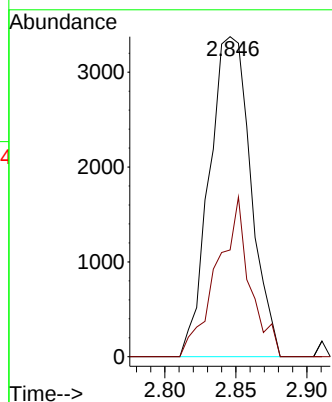
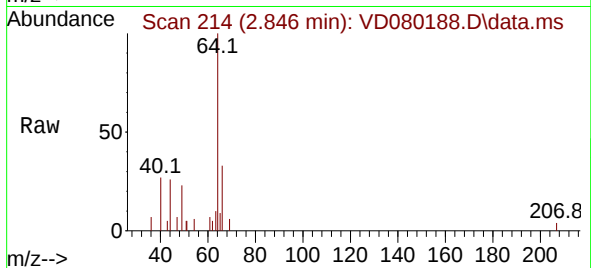




#8
Chloroethane
Concen: 1.977 ug/L
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

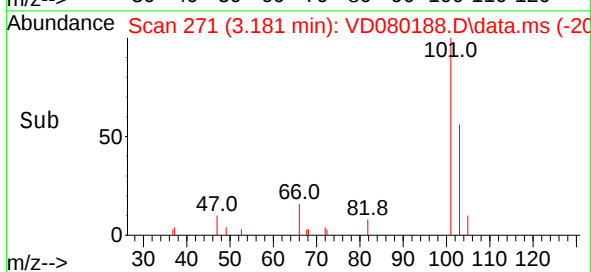
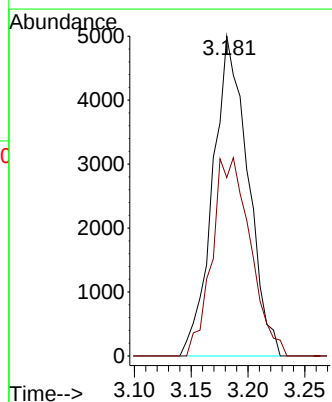
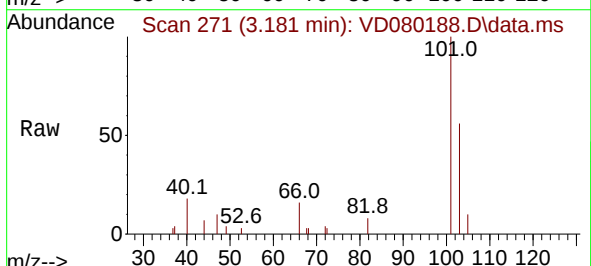
Instrument :
MSVOA_D
ClientSampleId :

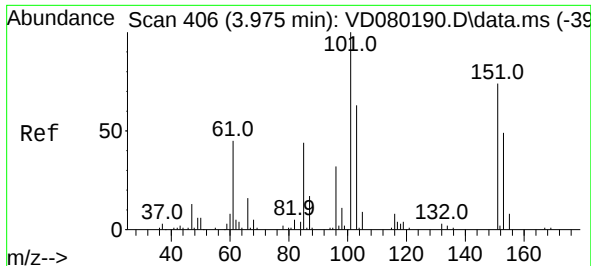
Tgt Ion: 64 Resp: 6872
Ion Ratio Lower Upper
64 100
66 33.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 2.287 ug/L
RT: 3.181 min Scan# 271
Delta R.T. -0.000 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

Tgt Ion:101 Resp: 10767
Ion Ratio Lower Upper
101 100
103 67.4 52.2 78.2

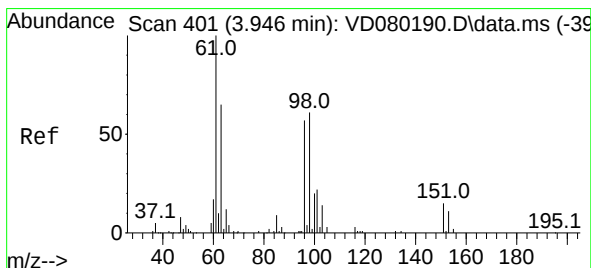
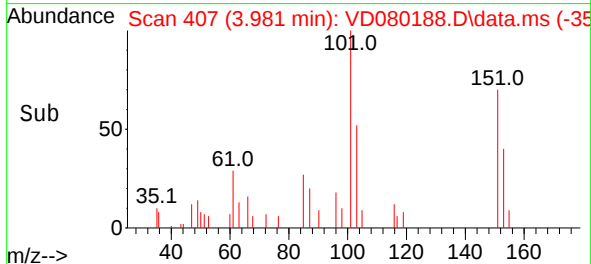
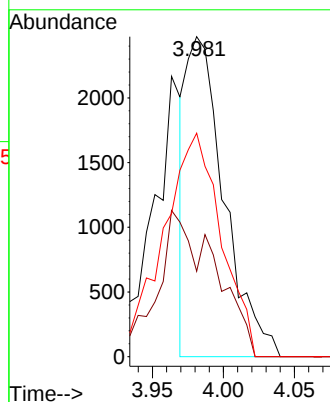
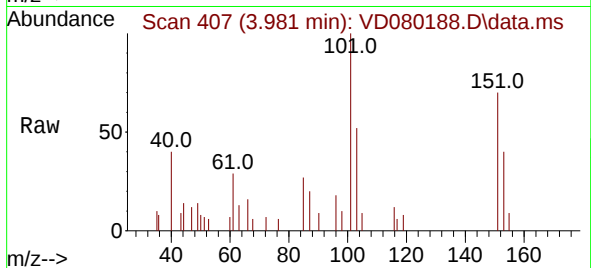




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.705 ug/L
 RT: 3.981 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VD080188.D
 Acq: 09 Jan 2025 10:35

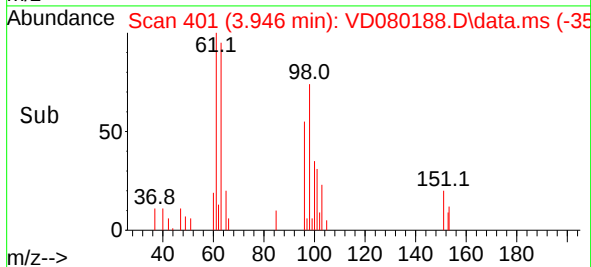
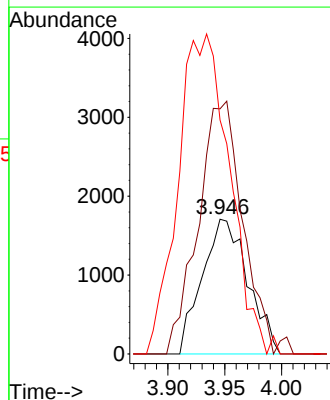
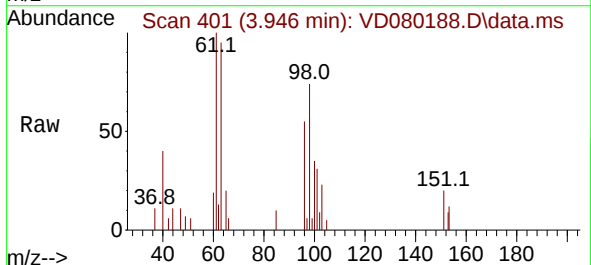
Instrument :
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 ClientSampleId :

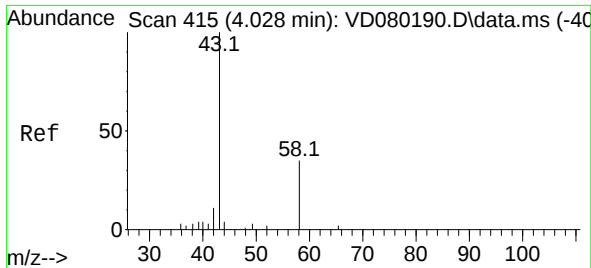
Tgt Ion:101 Resp: 4581
 Ion Ratio Lower Upper
 101 100
 85 26.2 35.6 53.4#
 151 108.1 60.0 90.0#



#12
 1,1-Dichloroethene
 Concen: 1.995 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VD080188.D
 Acq: 09 Jan 2025 10:35

Tgt Ion: 96 Resp: 4783
 Ion Ratio Lower Upper
 96 100
 61 182.1 123.1 228.7
 63 173.7 89.6 166.4#

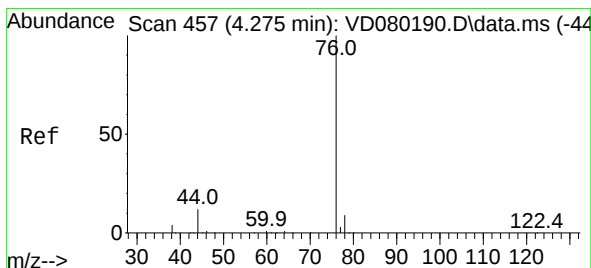
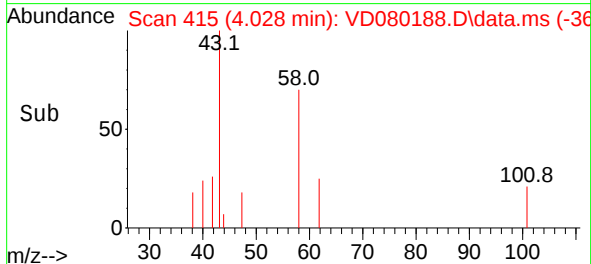
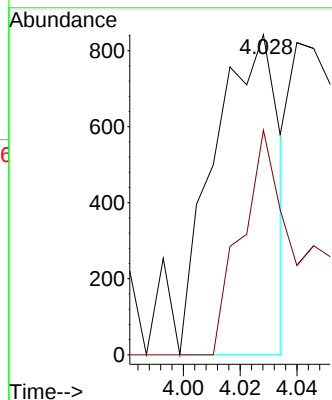
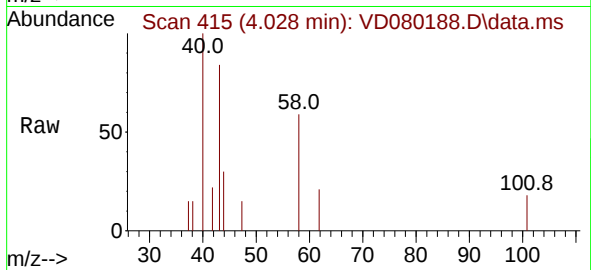




#13
Acetone
Concen: 2.915 ug/L
RT: 4.028 min Scan# 415
Delta R.T. -0.000 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

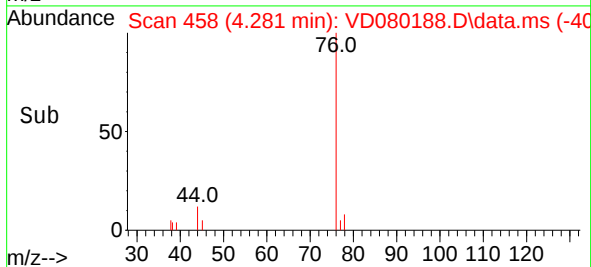
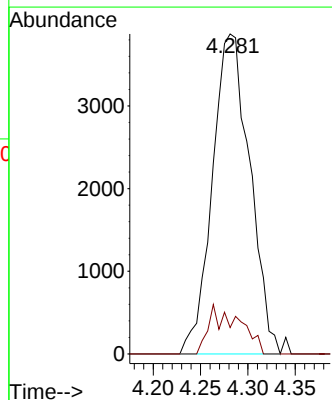
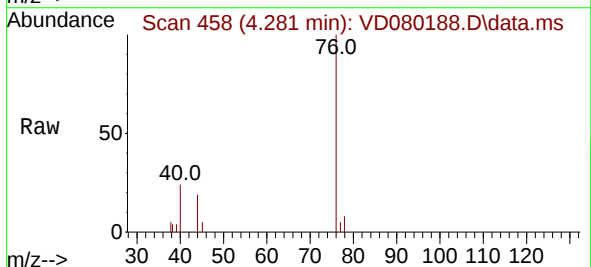
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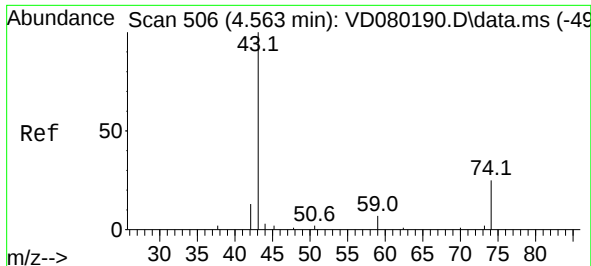
Tgt Ion: 43 Resp: 1335
Ion Ratio Lower Upper
43 100
58 47.9 0.0 52.8



#14
Carbon disulfide
Concen: 1.193 ug/L
RT: 4.281 min Scan# 458
Delta R.T. 0.006 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

Tgt Ion: 76 Resp: 10662
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3

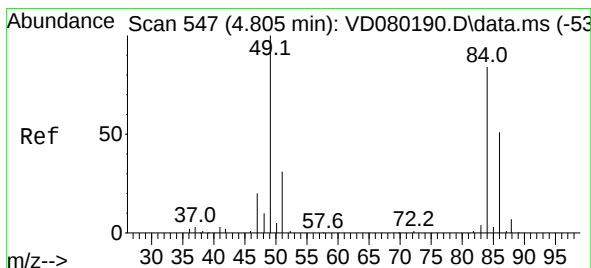
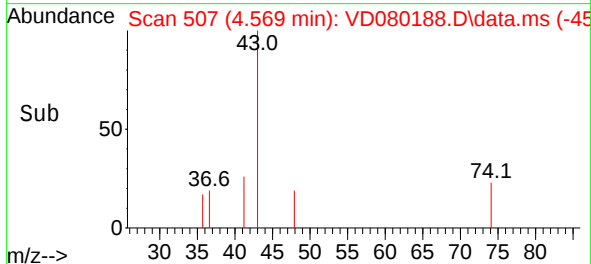
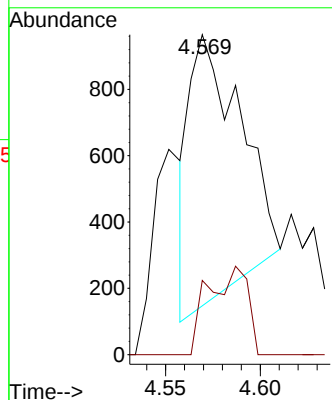
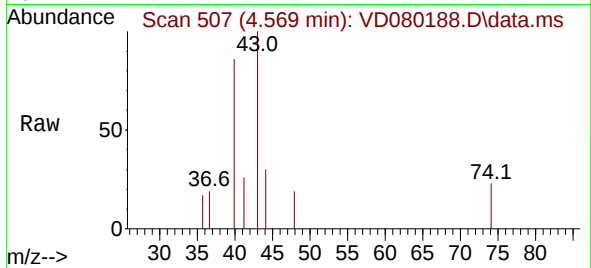




#15
Methyl Acetate
Concen: 1.348 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

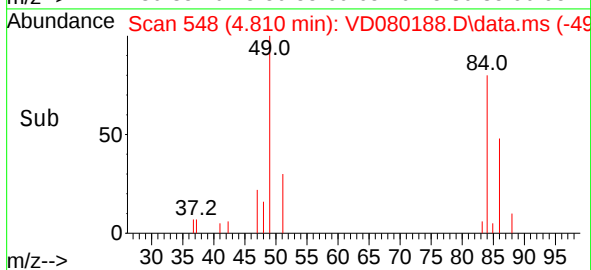
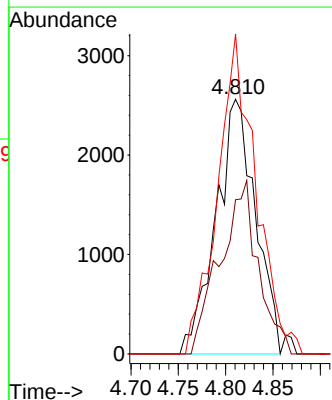
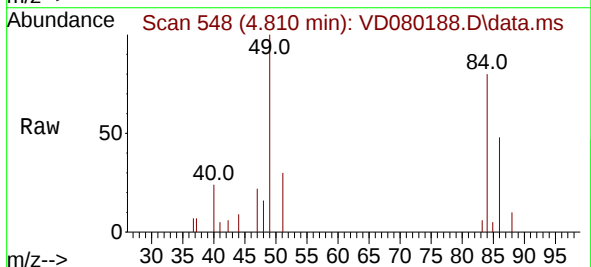
Instrument :
MSVOA_D
ClientSampleId :

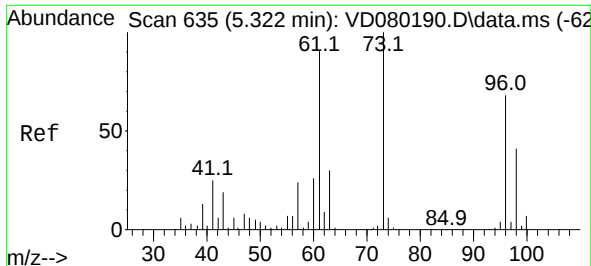
Tgt Ion: 43 Resp: 1518
Ion Ratio Lower Upper
43 100
74 13.8 10.1 15.1



#16
Methylene chloride
Concen: 2.566 ug/L
RT: 4.810 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

Tgt Ion: 84 Resp: 7435
Ion Ratio Lower Upper
84 100
86 60.5 42.8 79.4
49 125.6 83.1 154.3





#17

trans-1,2-Dichloroethene

Concen: 1.885 ug/L

RT: 5.322 min Scan# 635

Delta R.T. -0.000 min

Lab File: VD080188.D

Acq: 09 Jan 2025 10:35

Instrument :

MSVOA_D

ClientSampleId :

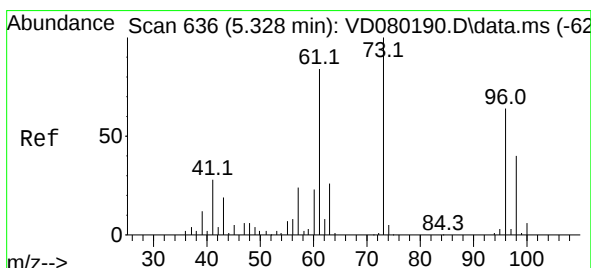
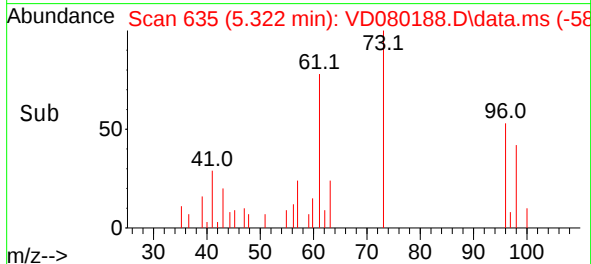
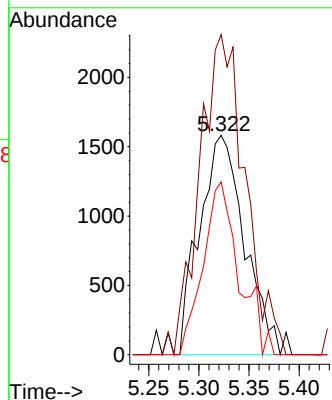
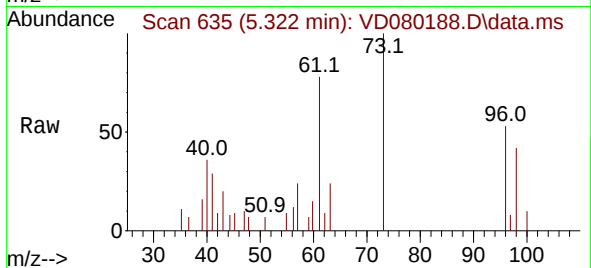
Tgt Ion: 96 Resp: 4946

Ion Ratio Lower Upper

96 100

61 145.9 93.7 173.9

98 78.8 42.1 78.1#



#18

Methyl tert-butyl Ether

Concen: 0.563 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.012 min

Lab File: VD080188.D

Acq: 09 Jan 2025 10:35

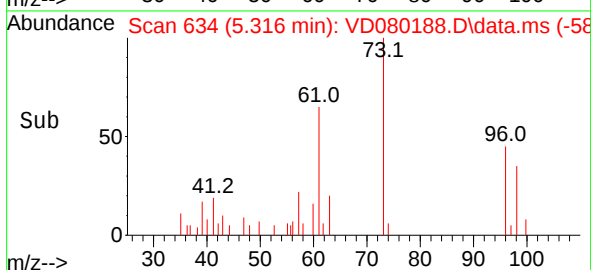
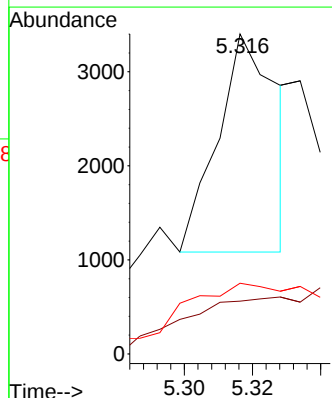
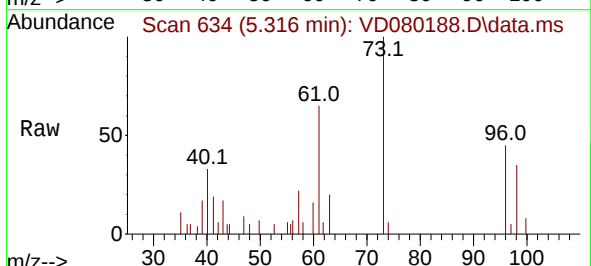
Tgt Ion: 73 Resp: 2798

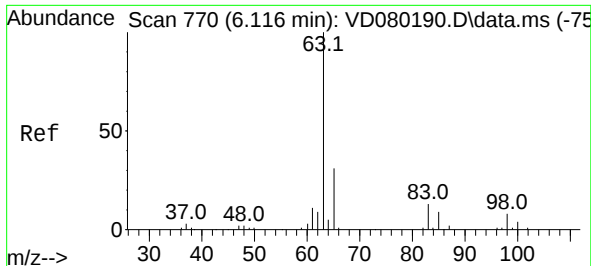
Ion Ratio Lower Upper

73 100

43 51.7 16.6 24.8#

57 52.1 18.9 28.3#

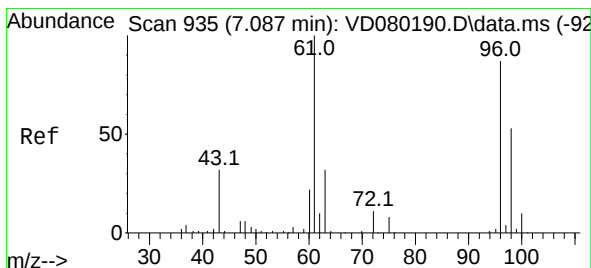
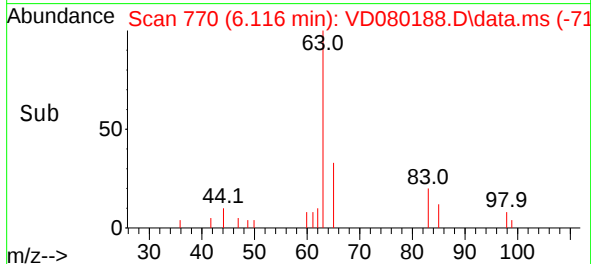
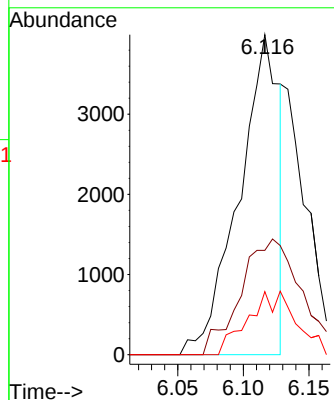
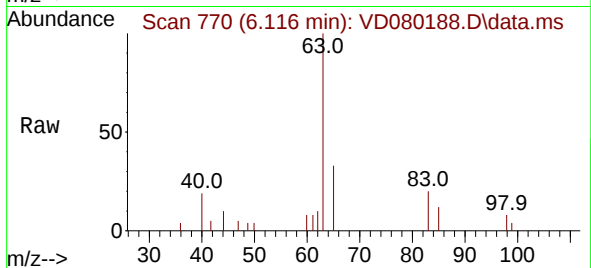




#19
1,1-Dichloroethane
Concen: 1.697 ug/L
RT: 6.116 min Scan# 770
Delta R.T. 0.000 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

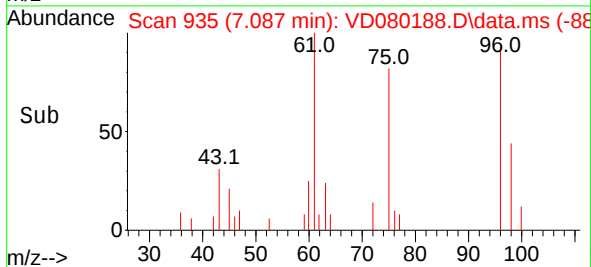
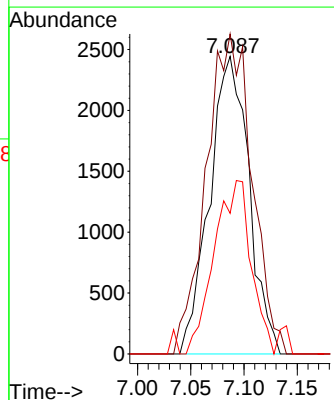
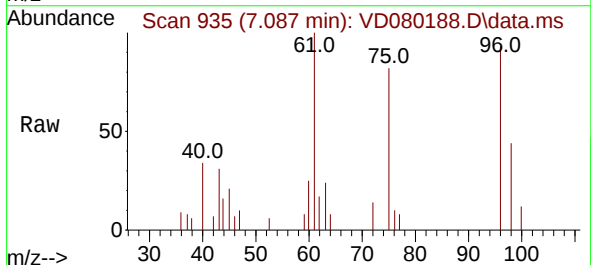
Instrument :
MSVOA_D
ClientSampleId :

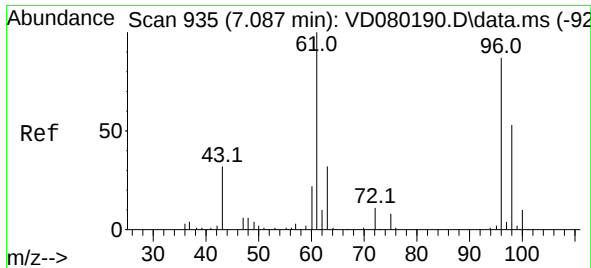
Tgt Ion: 63 Resp: 8547
Ion Ratio Lower Upper
63 100
65 32.6 21.7 40.3
83 19.7 8.8 16.4#



#20
cis-1,2-Dichloroethene
Concen: 2.294 ug/L
RT: 7.087 min Scan# 935
Delta R.T. -0.000 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

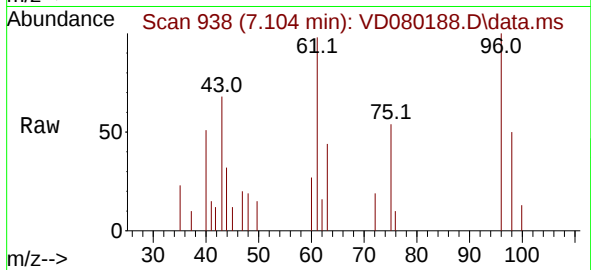
Tgt Ion: 96 Resp: 6294
Ion Ratio Lower Upper
96 100
61 107.5 80.8 150.0
98 47.3 42.6 79.0



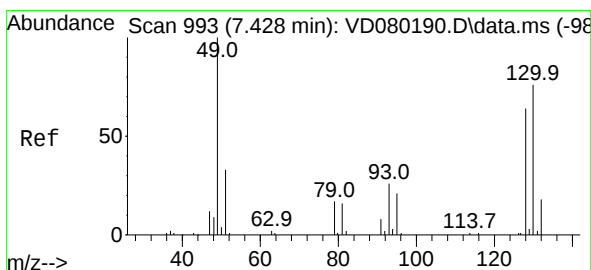
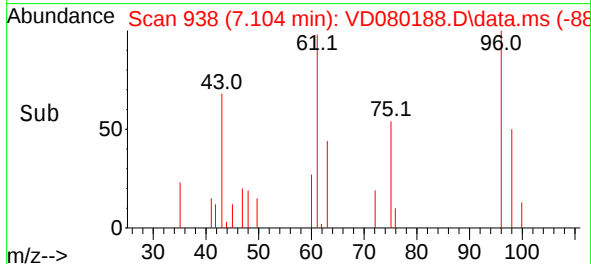
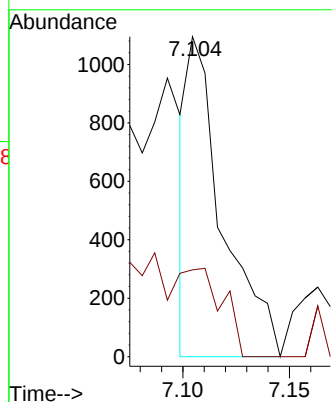


#22
2-Butanone
Concen: 1.929 ug/L
RT: 7.104 min Scan# 935
Delta R.T. 0.018 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

Instrument :
MSVOA_D
ClientSampleId :

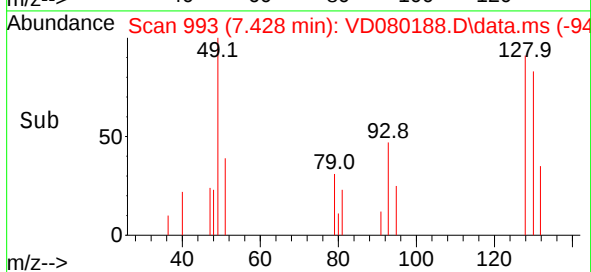
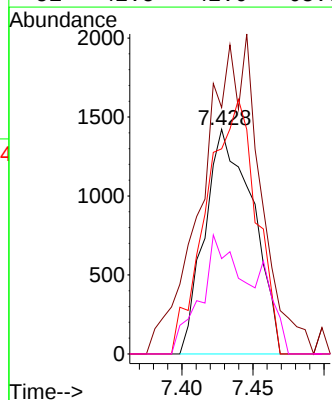
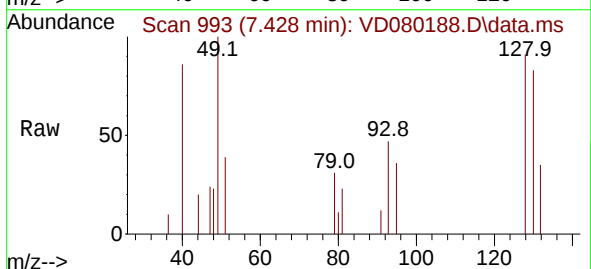


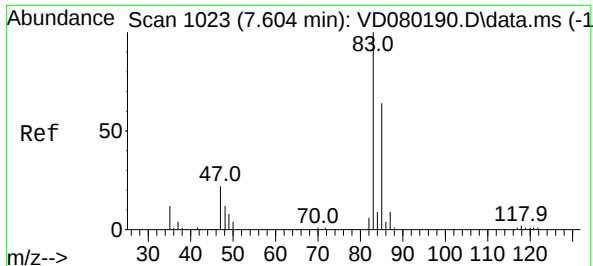
Tgt Ion: 43 Resp: 1258
Ion Ratio Lower Upper
43 100
72 35.5 14.0 42.0



#23
Bromochloromethane
Concen: 2.513 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

Tgt Ion: 128 Resp: 3341
Ion Ratio Lower Upper
128 100
49 109.7 110.7 205.7#
130 91.4 83.1 154.3
51 42.5 42.0 63.0





#25

Chloroform

Concen: 2.952 ug/L

RT: 7.599 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080188.D

Acq: 09 Jan 2025 10:35

Instrument :

MSVOA_D

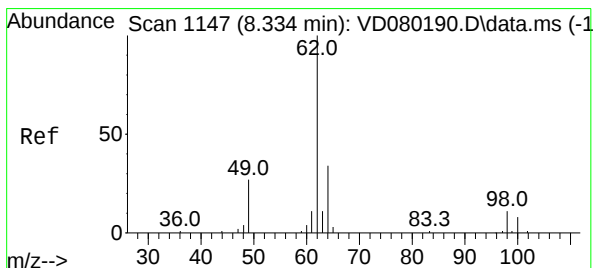
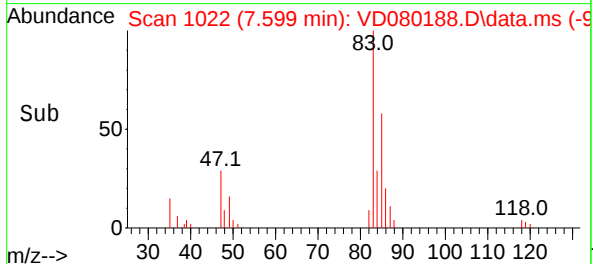
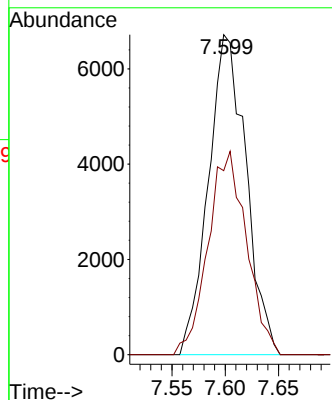
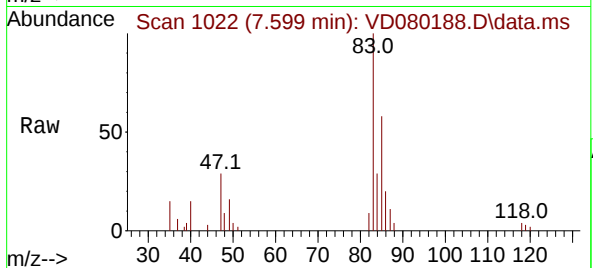
ClientSampleId :

Tgt Ion: 83 Resp: 16476

Ion Ratio Lower Upper

83 100

85 57.5 45.1 83.9



#27

1,2-Dichloroethane

Concen: 2.611 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.006 min

Lab File: VD080188.D

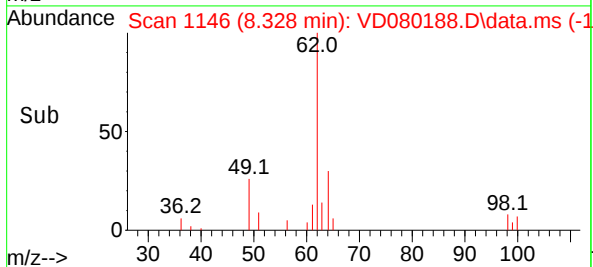
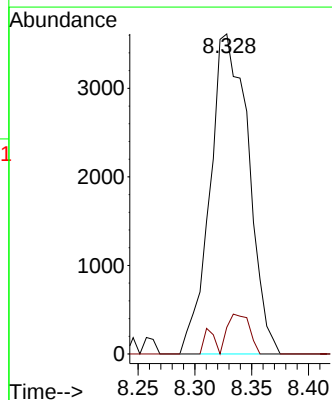
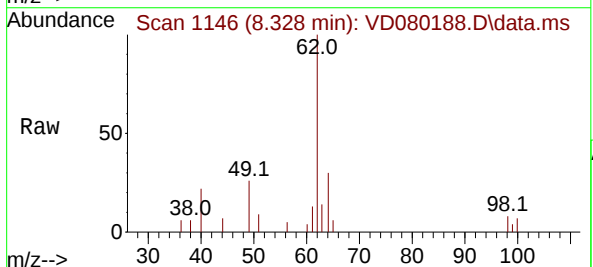
Acq: 09 Jan 2025 10:35

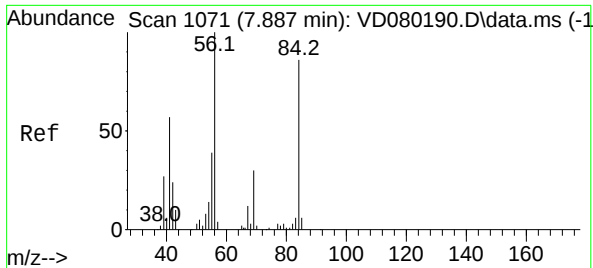
Tgt Ion: 62 Resp: 8499

Ion Ratio Lower Upper

62 100

98 8.3 8.6 13.0#

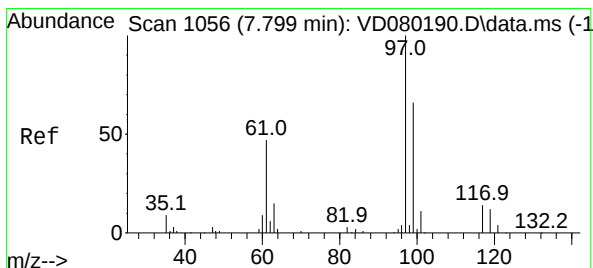
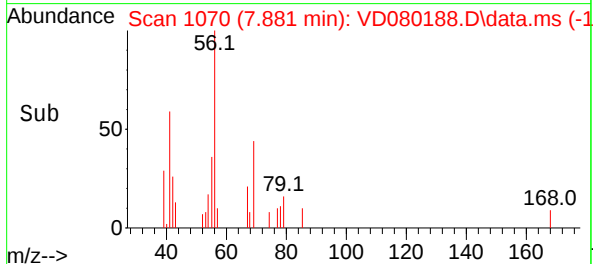
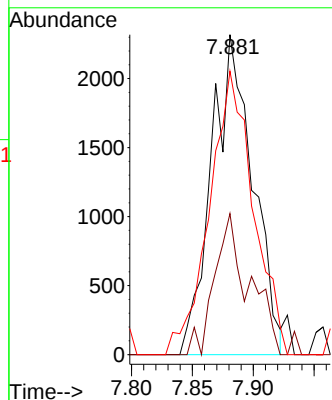
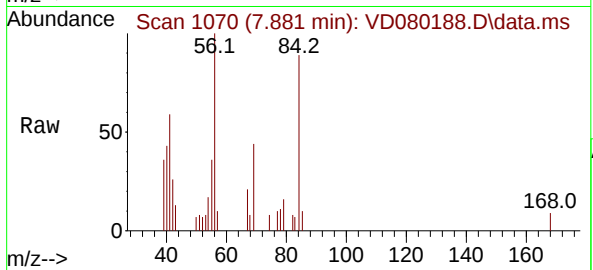




#29
Cyclohexane
Concen: 1.291 ug/L
RT: 7.881 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

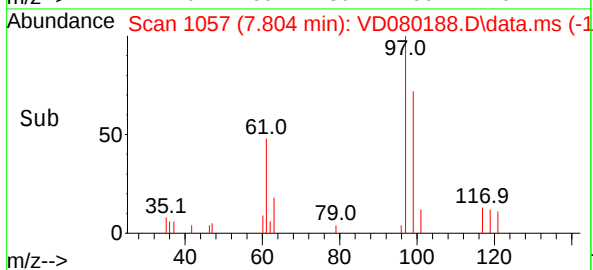
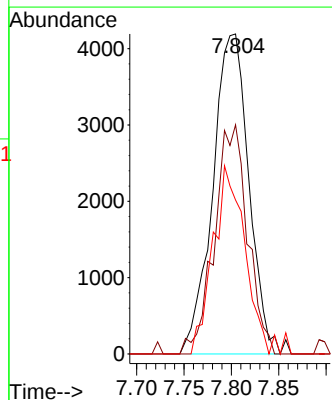
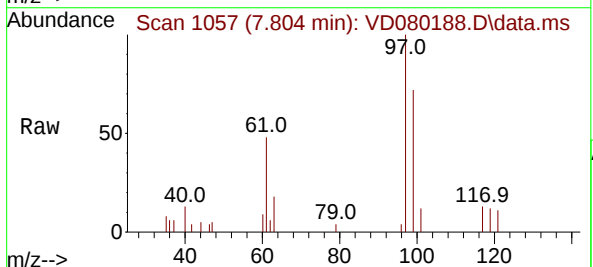
Instrument :
MSVOA_D
ClientSampleId :

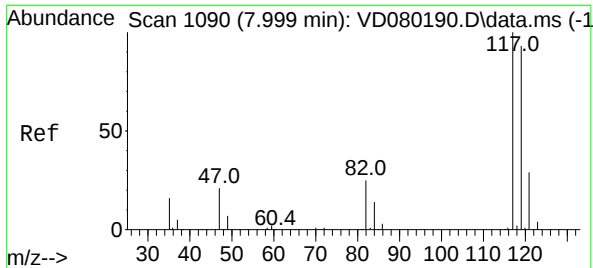
Tgt Ion: 56 Resp: 5489
Ion Ratio Lower Upper
56 100
69 24.7 24.2 36.4
84 93.8 68.8 103.2



#30
1,1,1-Trichloroethane
Concen: 2.485 ug/L
RT: 7.804 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

Tgt Ion: 97 Resp: 11128
Ion Ratio Lower Upper
97 100
99 64.8 51.7 77.5
61 51.2 35.8 53.6

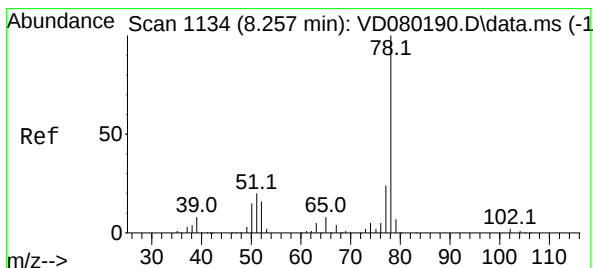
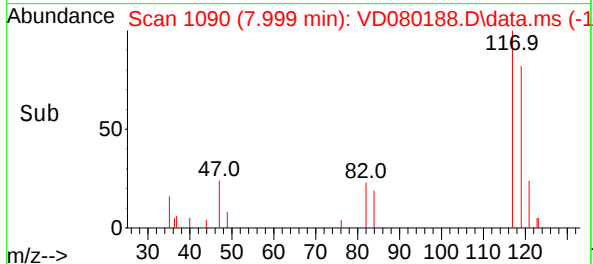
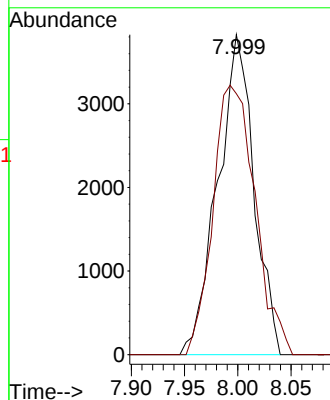
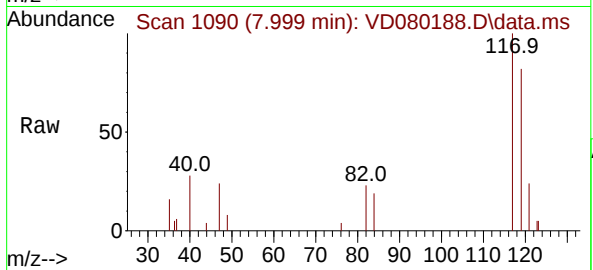




#31
Carbon tetrachloride
Concen: 2.287 ug/L
RT: 7.999 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

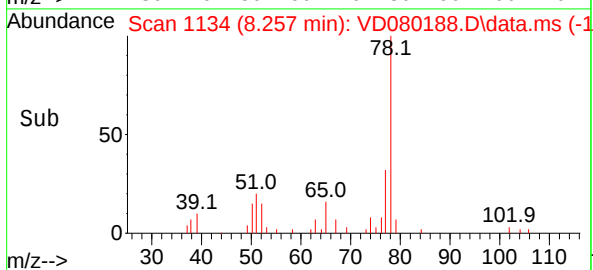
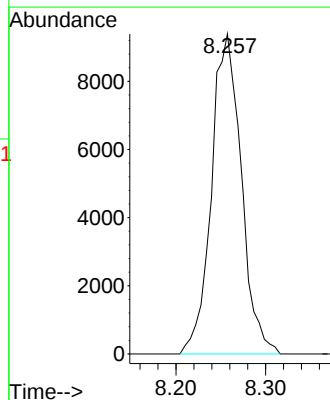
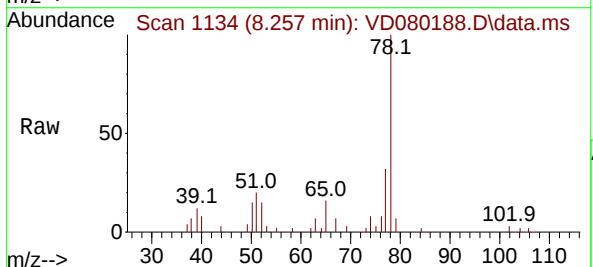
Instrument :
MSVOA_D
ClientSampleId :

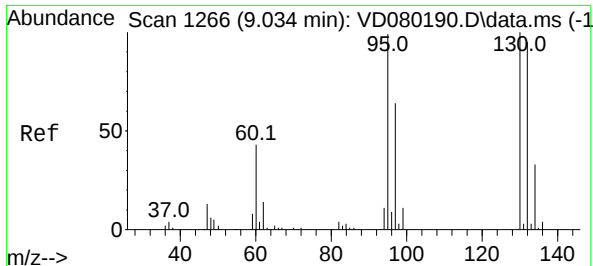
Tgt Ion:117 Resp: 9042
Ion Ratio Lower Upper
117 100
119 98.2 75.8 113.8



#33
Benzene
Concen: 1.885 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

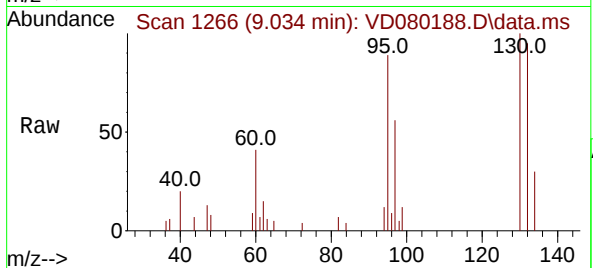
Tgt Ion: 78 Resp: 21674





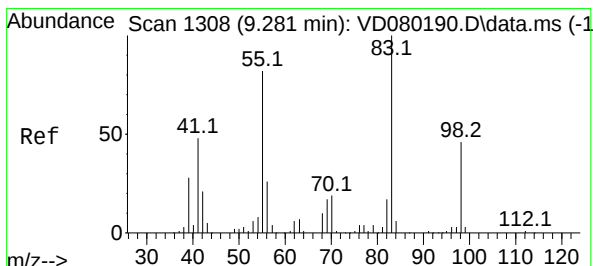
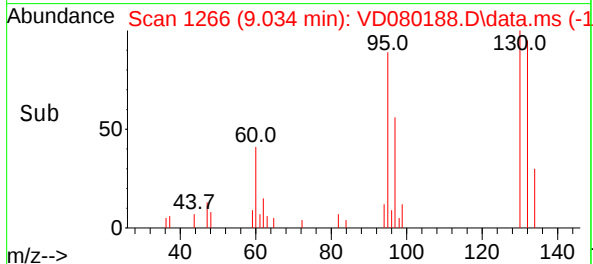
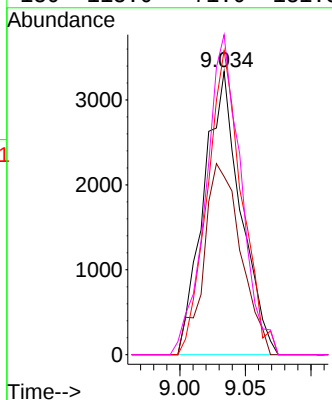
#34
Trichloroethene
Concen: 2.201 ug/L
RT: 9.034 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 6552

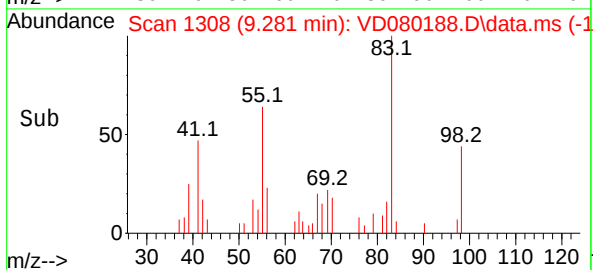
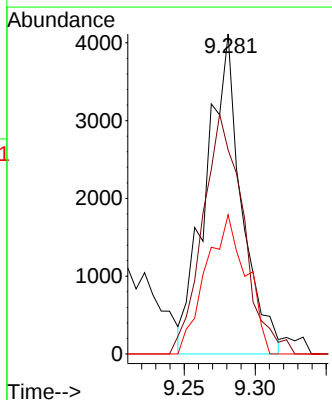
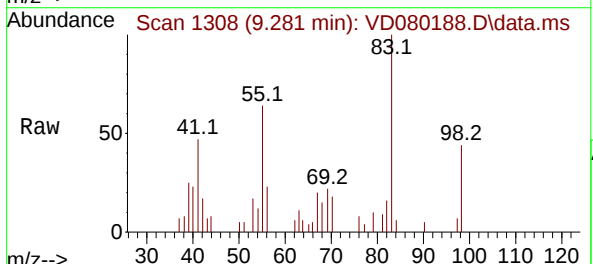
Ion	Ratio	Lower	Upper
95	100		
97	62.9	45.6	84.6
132	107.4	67.2	124.8
130	113.0	71.0	131.8

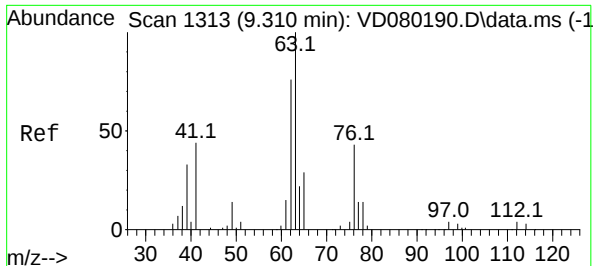


#35
Methylcyclohexane
Concen: 1.620 ug/L
RT: 9.281 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

Tgt Ion: 83 Resp: 7174

Ion	Ratio	Lower	Upper
83	100		
55	85.3	65.6	98.4
98	49.5	37.7	56.5

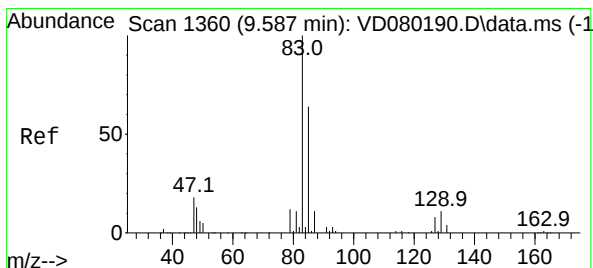
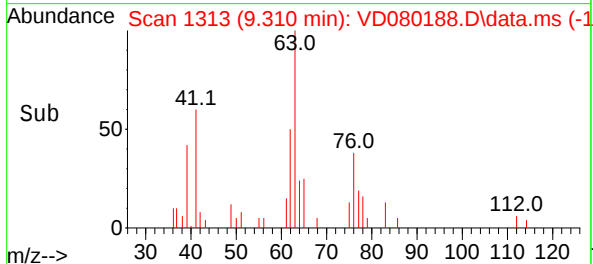
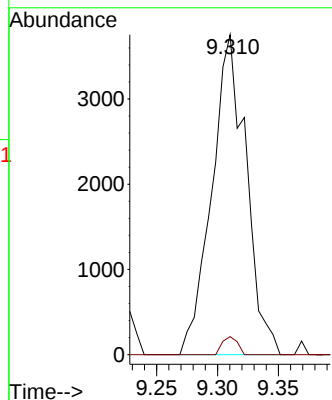
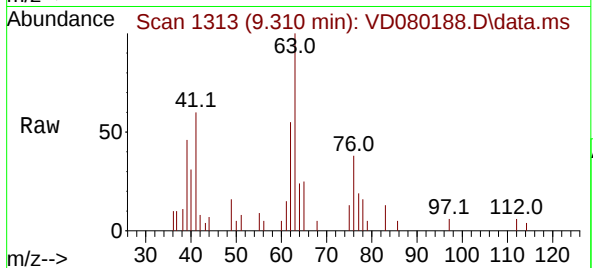




#37
1,2-Dichloropropane
Concen: 2.351 ug/L
RT: 9.310 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

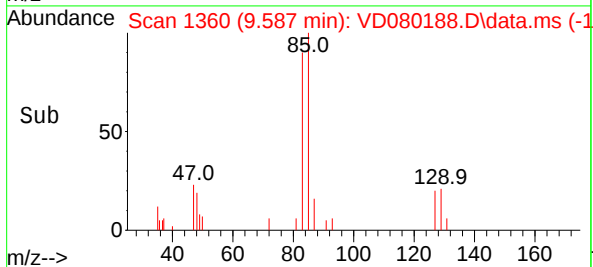
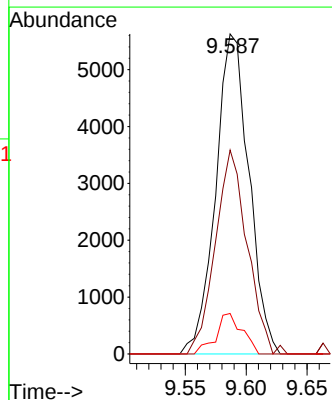
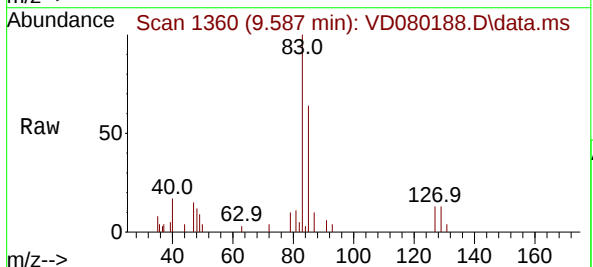
Instrument :
MSVOA_D
ClientSampleId :

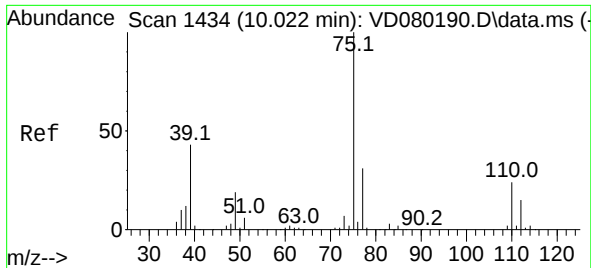
Tgt Ion: 63 Resp: 7362
Ion Ratio Lower Upper
63 100
112 2.5 3.6 5.4#



#38
Bromodichloromethane
Concen: 2.727 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

Tgt Ion: 83 Resp: 10706
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8
127 12.6 6.7 10.1#

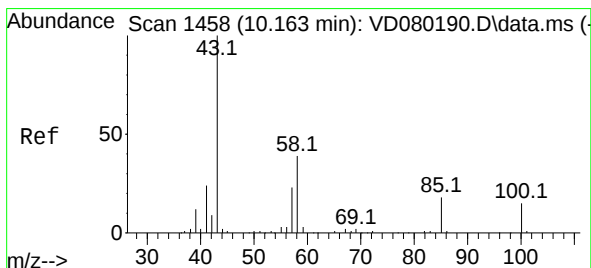
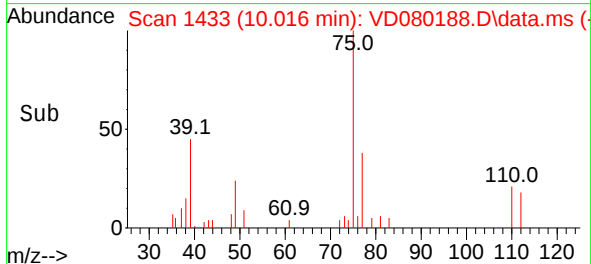
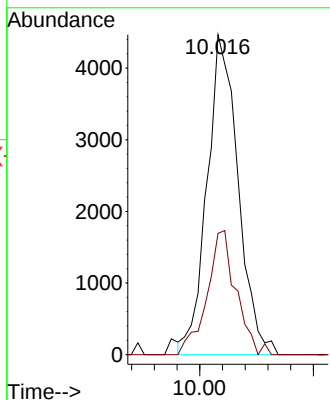
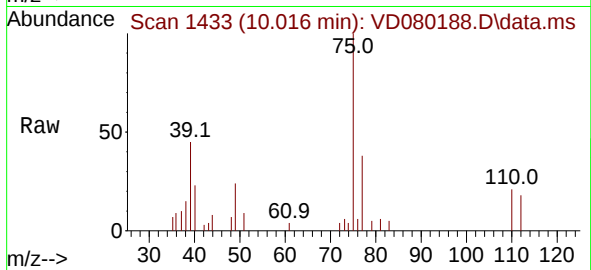




#39
cis-1,3-Dichloropropene
Concen: 1.916 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.006 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

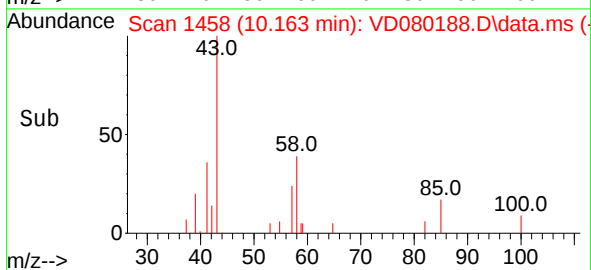
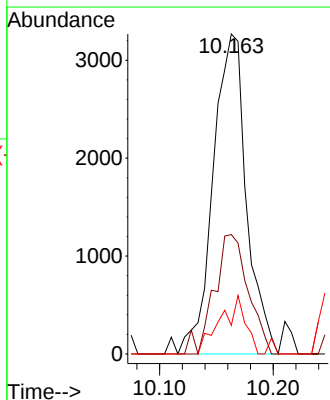
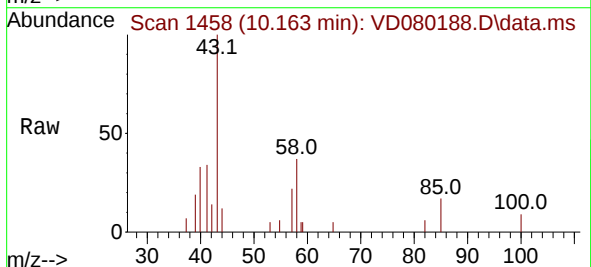
Instrument :
MSVOA_D
ClientSampleId :

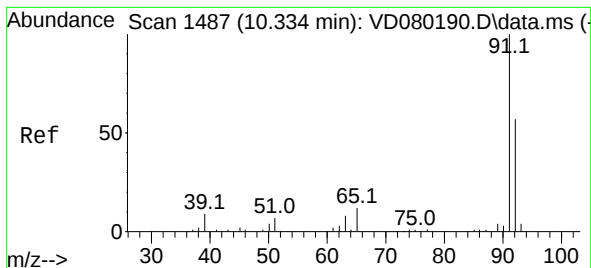
Tgt Ion: 75 Resp: 8483
Ion Ratio Lower Upper
75 100
77 37.9 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 4.331 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

Tgt Ion: 43 Resp: 6659
Ion Ratio Lower Upper
43 100
58 37.0 31.0 46.6
100 6.0 12.1 18.1#





#42

Toluene

Concen: 1.912 ug/L

RT: 10.340 min Scan# 1487

Delta R.T. 0.006 min

Lab File: VD080188.D

Acq: 09 Jan 2025 10:35

Instrument :

MSVOA_D

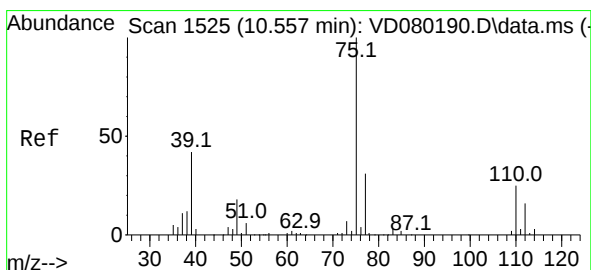
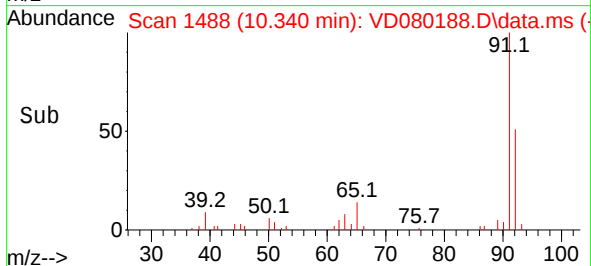
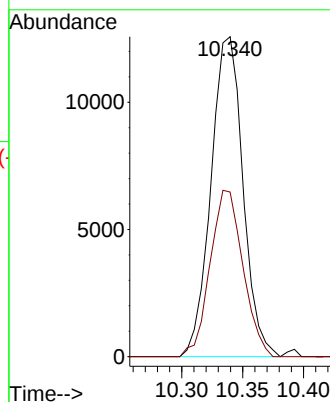
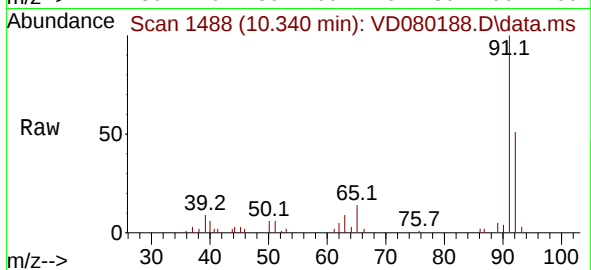
ClientSampleId :

Tgt Ion: 91 Resp: 22968

Ion Ratio Lower Upper

91 100

92 51.5 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 2.252 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VD080188.D

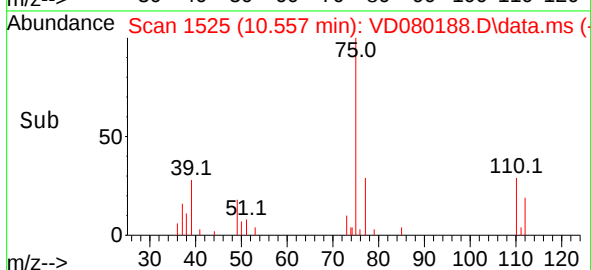
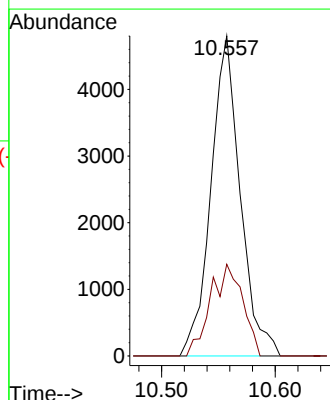
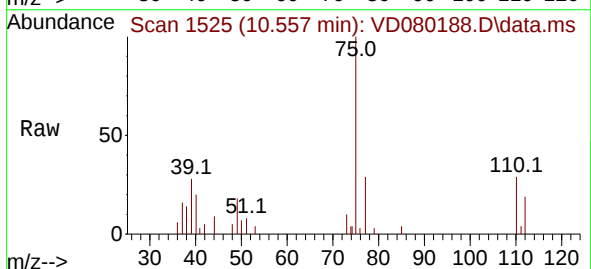
Acq: 09 Jan 2025 10:35

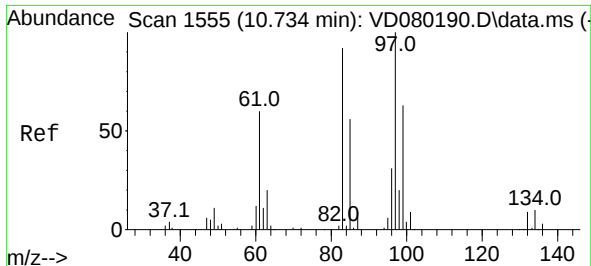
Tgt Ion: 75 Resp: 8607

Ion Ratio Lower Upper

75 100

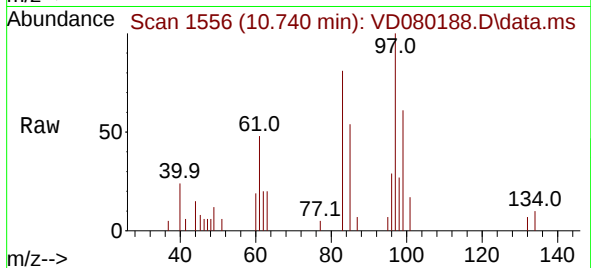
77 28.7 22.0 40.8



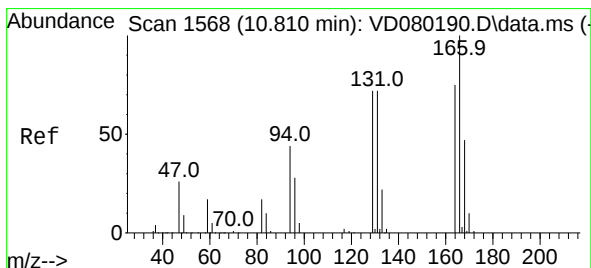
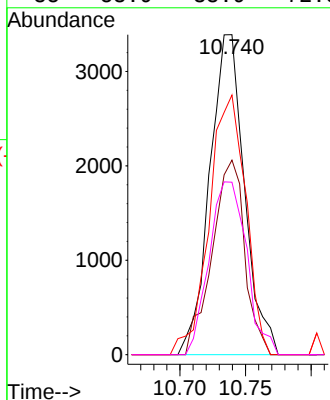
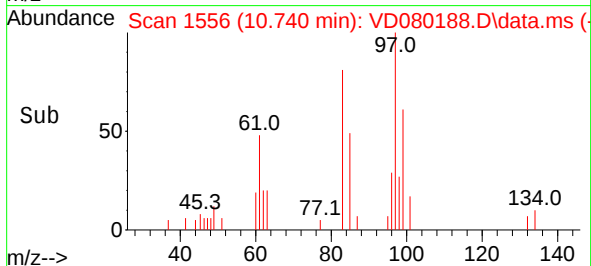


#45
1,1,2-Trichloroethane
Concen: 2.724 ug/L
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

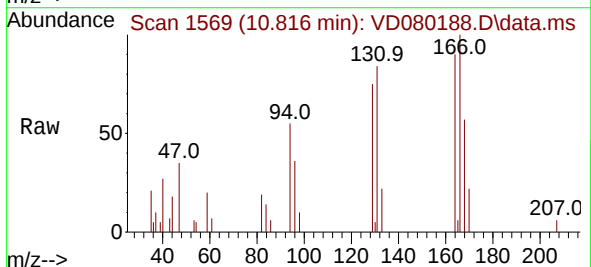
Instrument :
MSVOA_D
ClientSampleId :



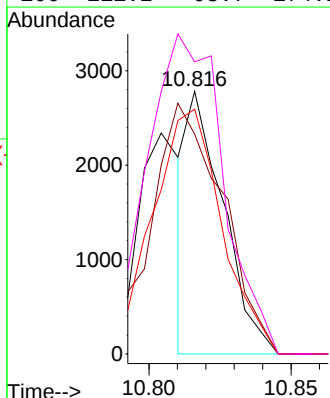
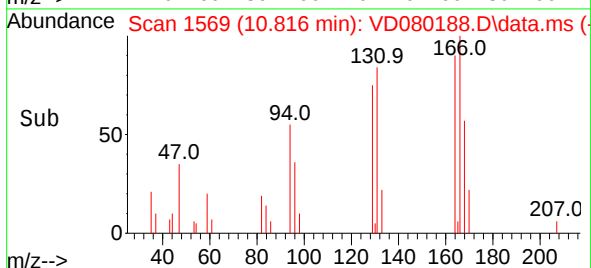
Tgt Ion:	97	Resp:	6230
Ion	Ratio	Lower	Upper
97	100		
99	60.8	44.0	81.8
83	81.1	64.4	119.6
85	53.9	38.9	72.3

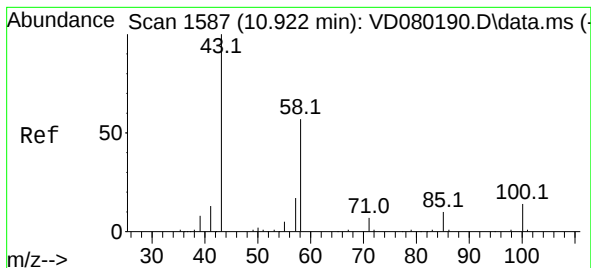


#46
Tetrachloroethene
Concen: 1.019 ug/L
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35



Tgt Ion:	164	Resp:	2445
Ion	Ratio	Lower	Upper
164	100		
129	83.6	67.8	125.8
131	93.2	67.6	125.6
166	111.2	93.7	174.1





#48

2-Hexanone

Concen: 3.907 ug/L

RT: 10.928 min Scan# 1587

Delta R.T. 0.006 min

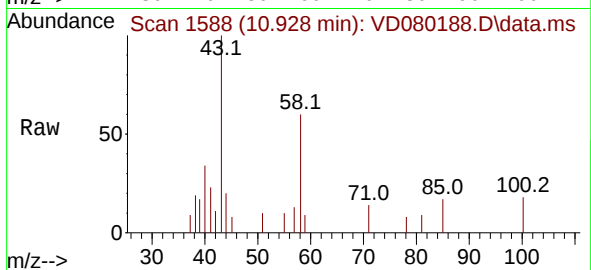
Lab File: VD080188.D

Acq: 09 Jan 2025 10:35

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 4003

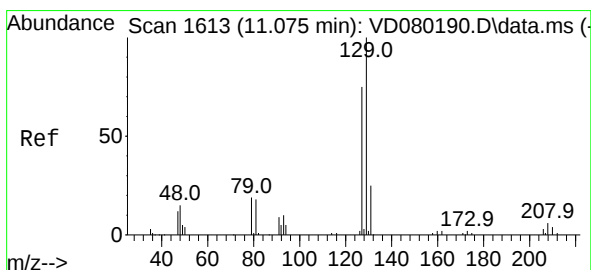
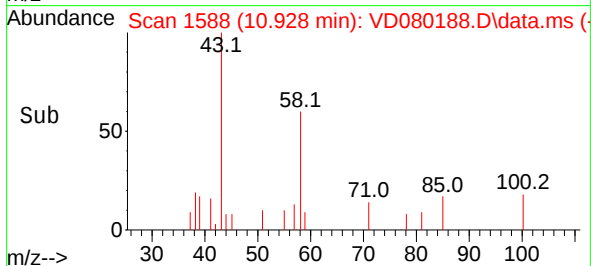
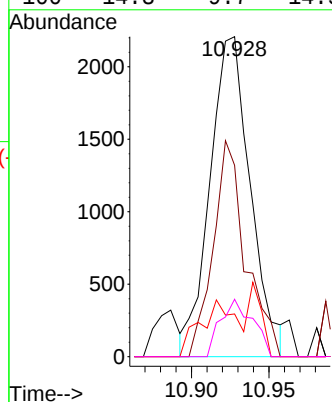
Ion Ratio Lower Upper

43 100

58 54.3 42.5 63.7

57 10.1 15.5 23.3#

100 14.3 9.7 14.5



#49

Dibromochloromethane

Concen: 2.779 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD080188.D

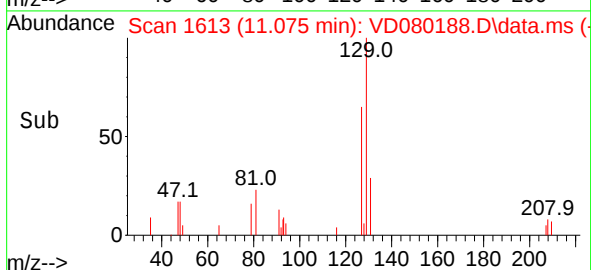
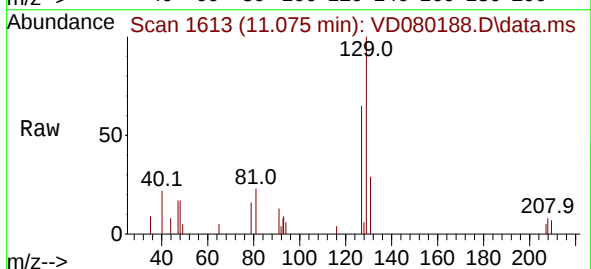
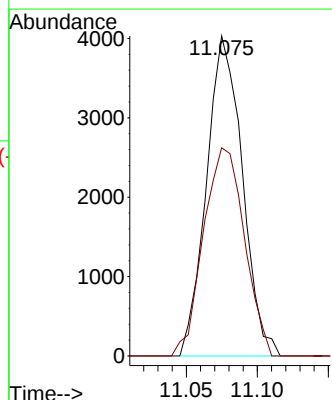
Acq: 09 Jan 2025 10:35

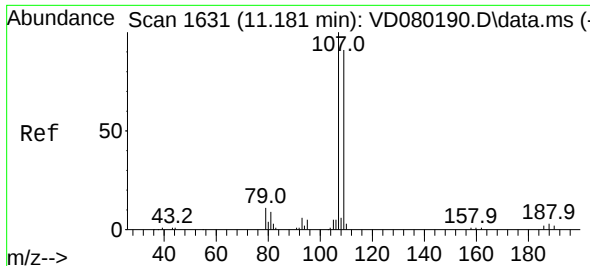
Tgt Ion: 129 Resp: 7076

Ion Ratio Lower Upper

129 100

127 65.0 52.3 97.1





#50

1,2-Dibromoethane

Concen: 2.371 ug/L

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080188.D

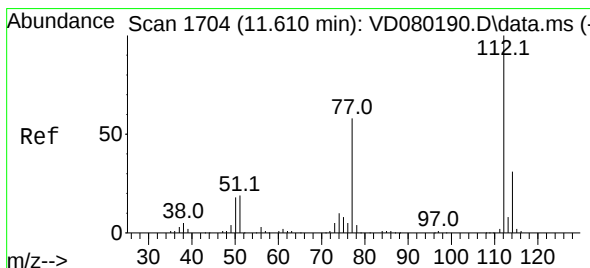
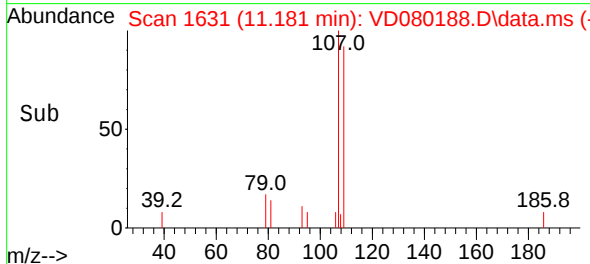
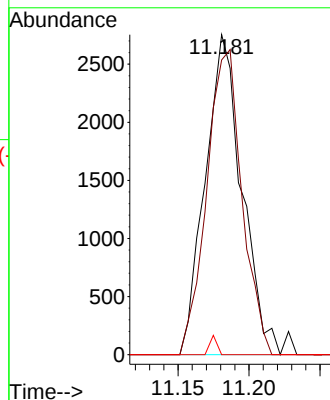
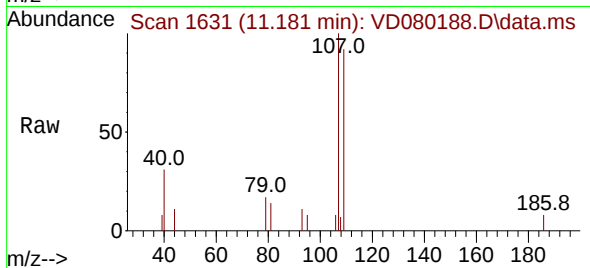
Acq: 09 Jan 2025 10:35

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	4927
Ion Ratio	Lower	Upper
107	100	
109	92.1	63.8 118.6
188	0.0	2.8 4.2#



#51

Chlorobenzene

Concen: 2.441 ug/L

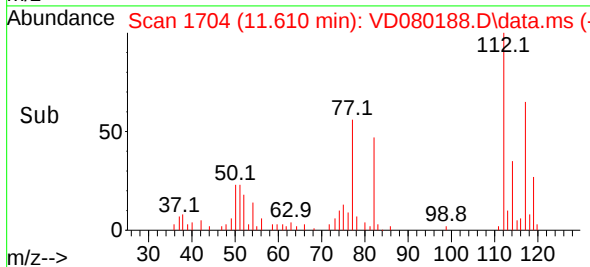
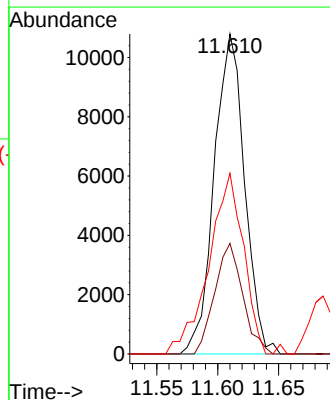
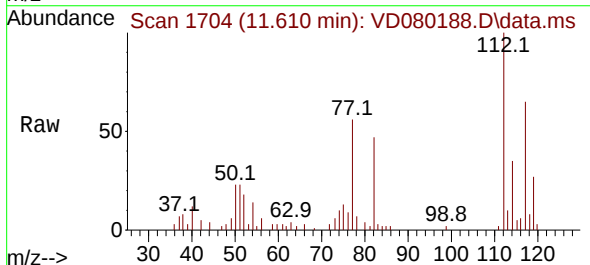
RT: 11.610 min Scan# 1704

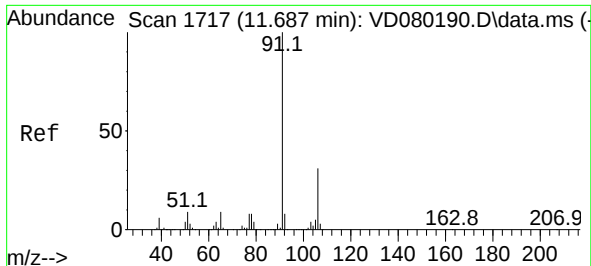
Delta R.T. -0.000 min

Lab File: VD080188.D

Acq: 09 Jan 2025 10:35

Tgt Ion:112	Resp:	18793
Ion Ratio	Lower	Upper
112	100	
114	34.6	21.8 40.6
77	56.5	46.8 70.2





#52

Ethylbenzene

Concen: 2.041 ug/L

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD080188.D

Acq: 09 Jan 2025 10:35

Instrument :

MSVOA_D

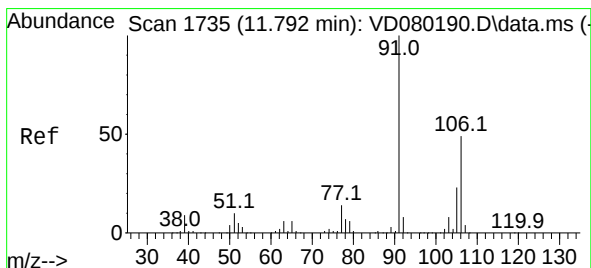
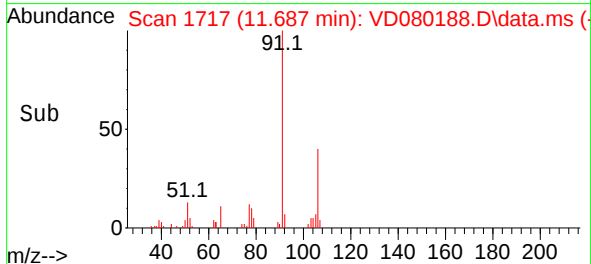
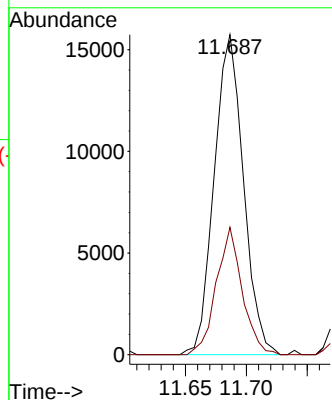
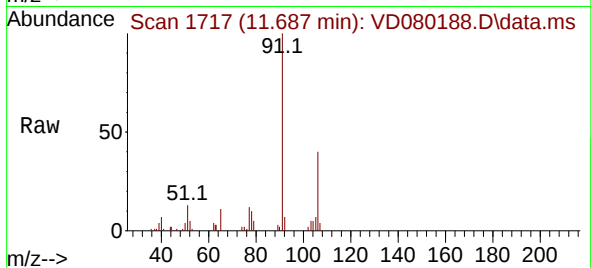
ClientSampleId :

Tgt Ion: 91 Resp: 26308

Ion Ratio Lower Upper

91 100

106 39.8 21.8 40.6



#53

m,p-Xylene

Concen: 1.965 ug/L

RT: 11.798 min Scan# 1736

Delta R.T. 0.006 min

Lab File: VD080188.D

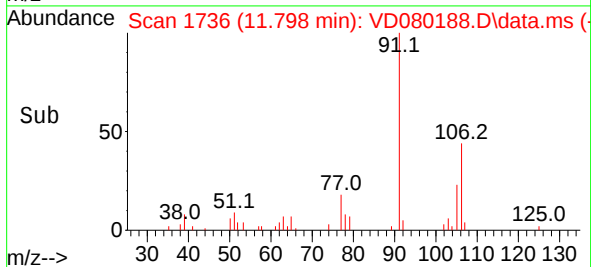
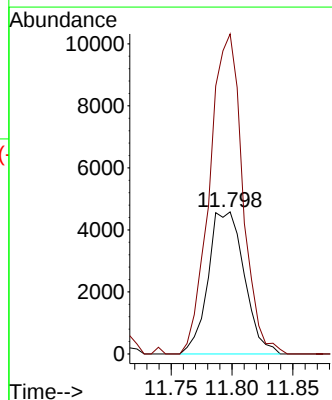
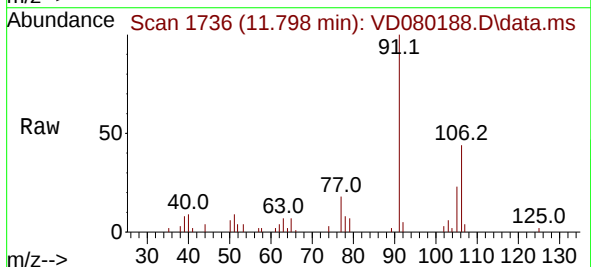
Acq: 09 Jan 2025 10:35

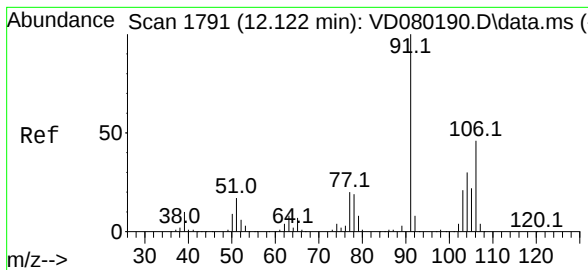
Tgt Ion: 106 Resp: 9462

Ion Ratio Lower Upper

106 100

91 225.1 144.1 267.7

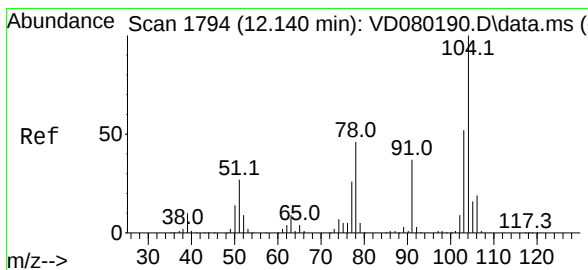
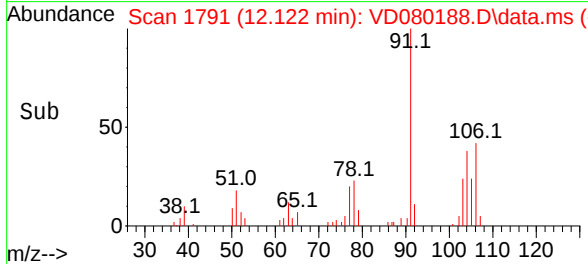
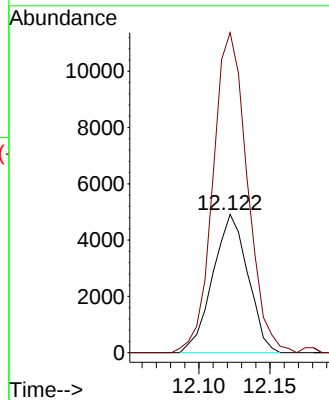
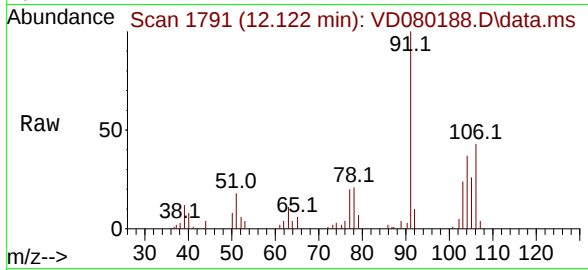




#54
o-Xylene
Concen: 1.876 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

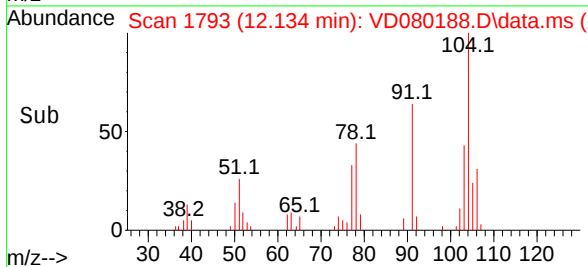
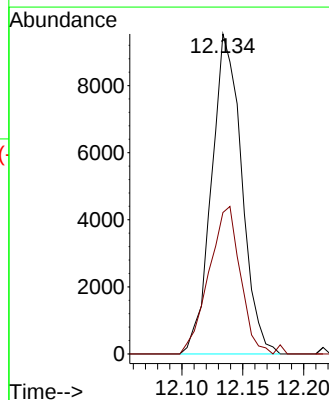
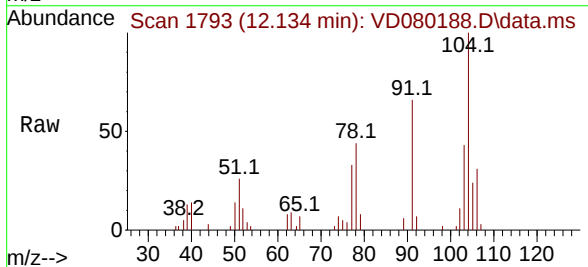
Instrument :
MSVOA_D
ClientSampleId :

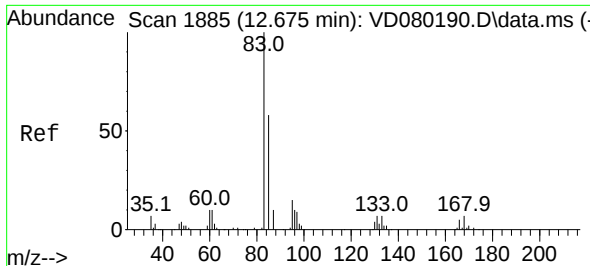
Tgt Ion:106 Resp: 8451
Ion Ratio Lower Upper
106 100
91 231.5 153.8 285.6



#55
Styrene
Concen: 2.013 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

Tgt Ion:104 Resp: 16428
Ion Ratio Lower Upper
104 100
78 44.2 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 2.757 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD080188.D

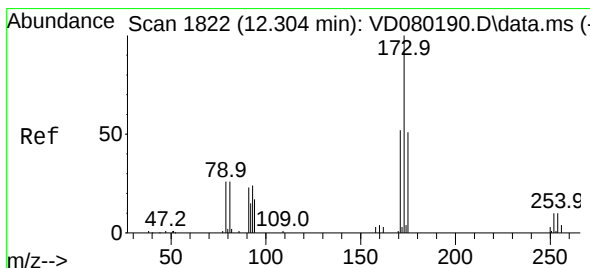
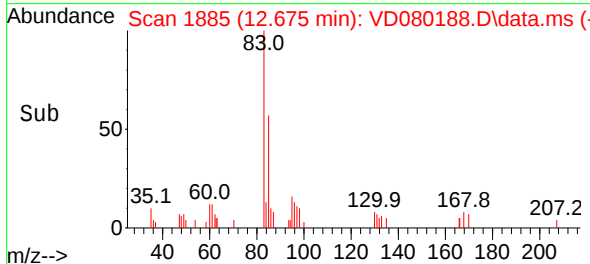
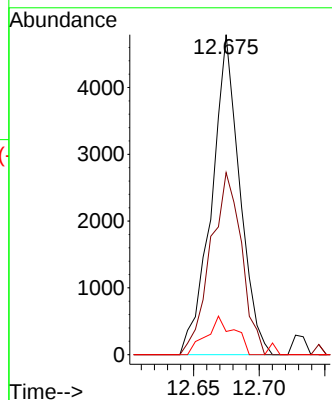
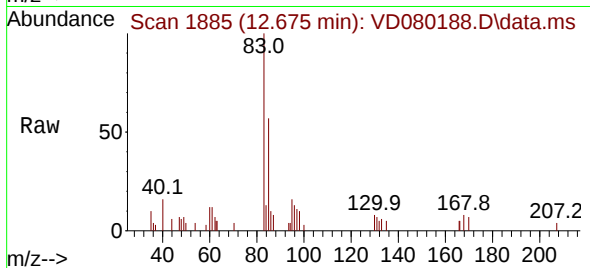
Acq: 09 Jan 2025 10:35

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	7146
Ion	Ratio	Lower	Upper
83	100		
85	56.9	40.7	75.5
131	7.3	6.2	9.2



#59

Bromoform

Concen: 2.805 ug/L

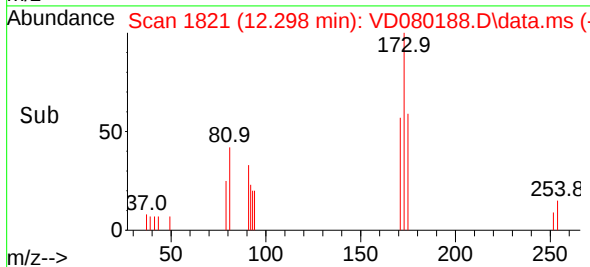
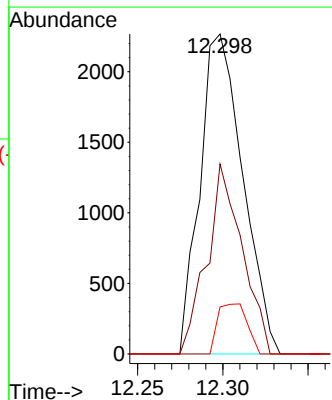
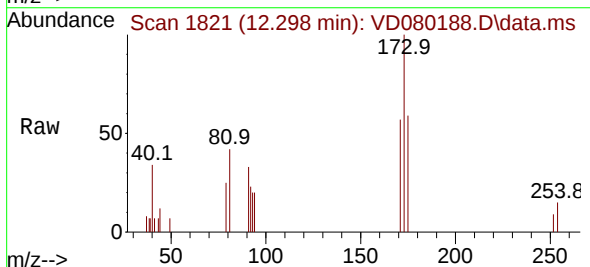
RT: 12.298 min Scan# 1821

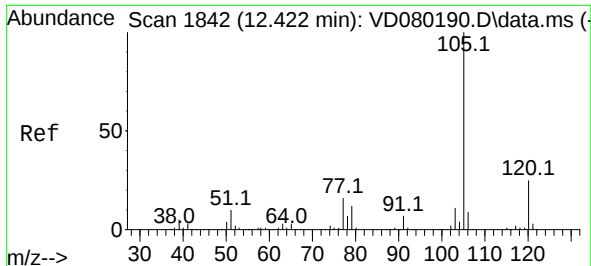
Delta R.T. -0.006 min

Lab File: VD080188.D

Acq: 09 Jan 2025 10:35

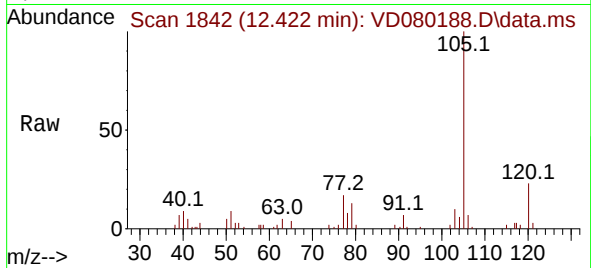
Tgt Ion:	173	Resp:	3970
Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.2	57.4
254	10.7	8.3	12.5



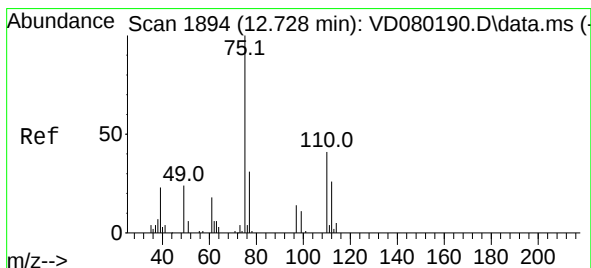
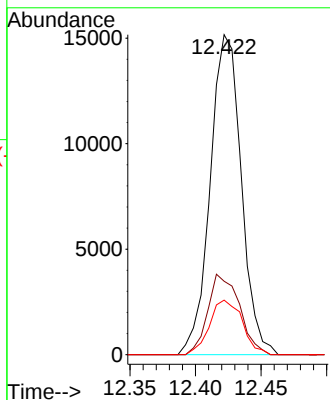
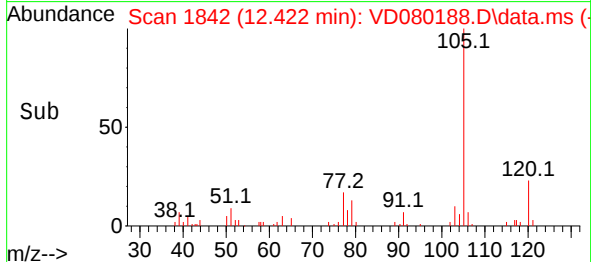


#60
Isopropylbenzene
Concen: 2.274 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

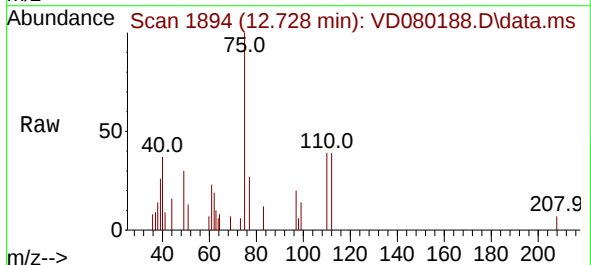
Instrument :
MSVOA_D
ClientSampleId :



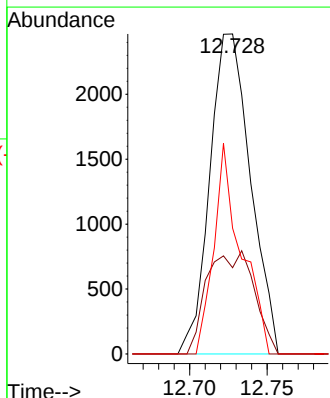
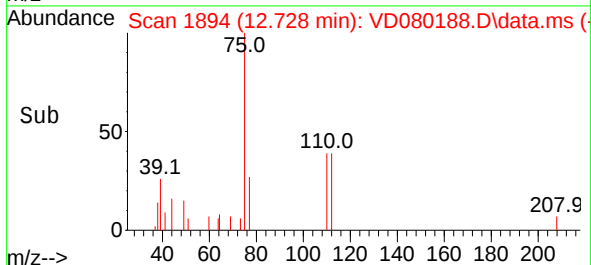
Tgt Ion:105 Resp: 25020
Ion Ratio Lower Upper
105 100
120 25.6 20.6 30.8
77 18.0 13.0 19.6

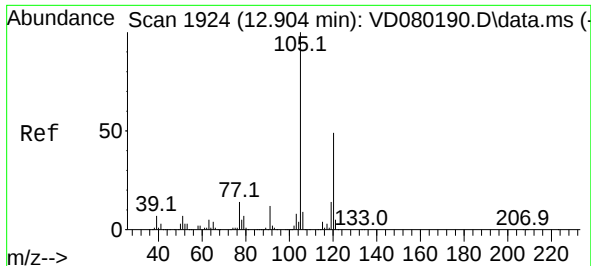


#61
1,2,3-Trichloropropane
Concen: 2.697 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35



Tgt Ion: 75 Resp: 4498
Ion Ratio Lower Upper
75 100
77 22.5 25.7 38.5#
110 44.0 31.5 47.3





#62

1,3,5-Trimethylbenzene

Concen: 2.229 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD080188.D

Acq: 09 Jan 2025 10:35

Instrument :

MSVOA_D

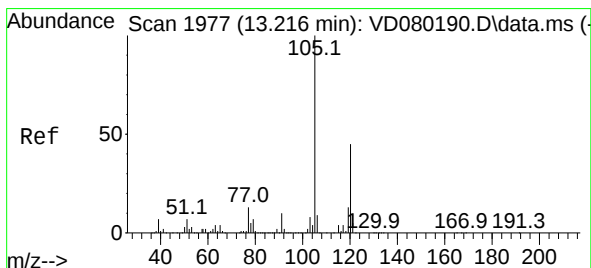
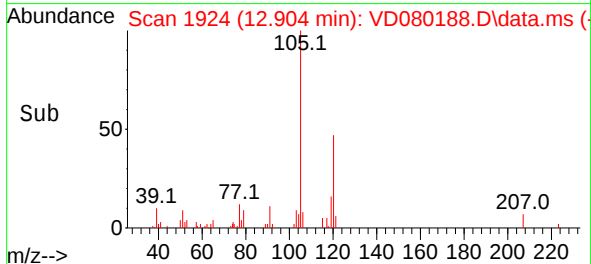
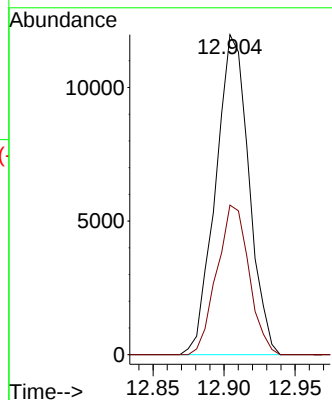
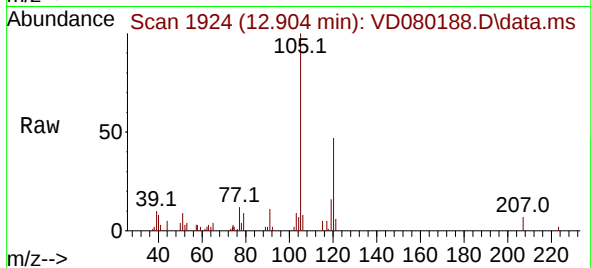
ClientSampleId :

Tgt Ion:105 Resp: 19537

Ion Ratio Lower Upper

105 100

120 45.0 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 2.121 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD080188.D

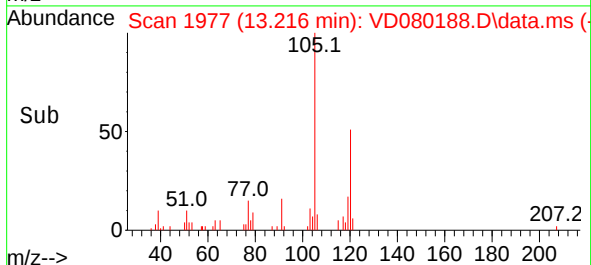
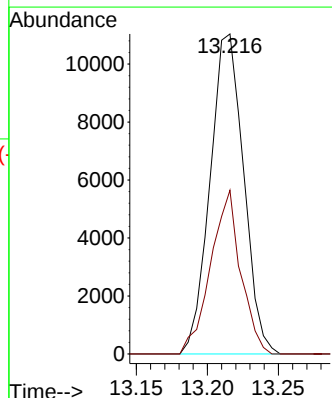
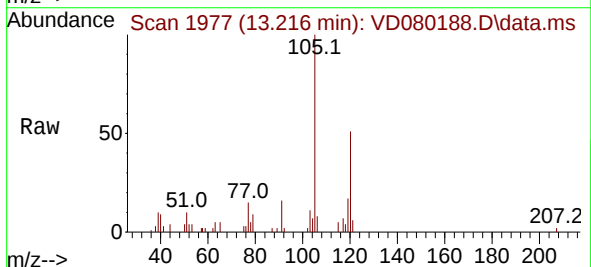
Acq: 09 Jan 2025 10:35

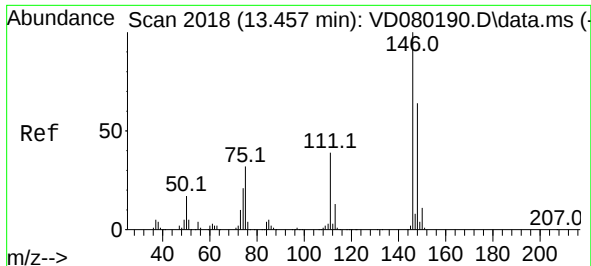
Tgt Ion:105 Resp: 18138

Ion Ratio Lower Upper

105 100

120 45.8 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 2.402 ug/L

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD080188.D

Acq: 09 Jan 2025 10:35

Instrument :

MSVOA_D

ClientSampleId :

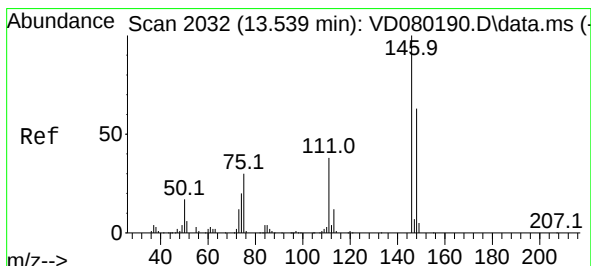
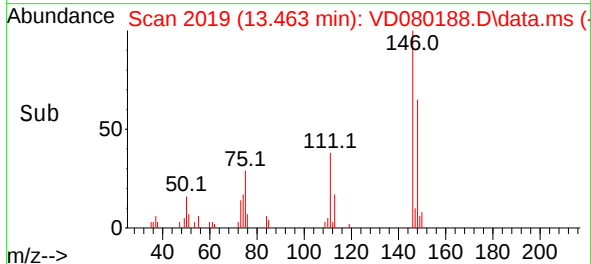
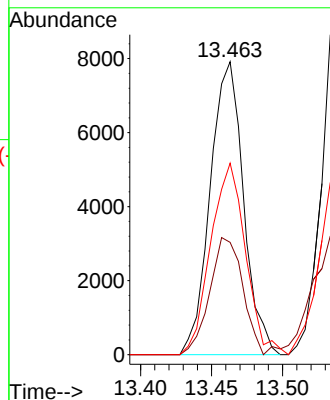
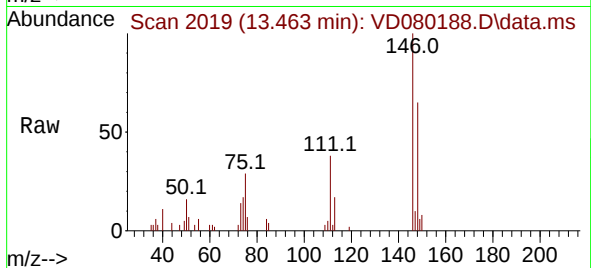
Tgt Ion:146 Resp: 12924

Ion Ratio Lower Upper

146 100

111 38.4 27.2 50.6

148 65.4 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 2.599 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD080188.D

Acq: 09 Jan 2025 10:35

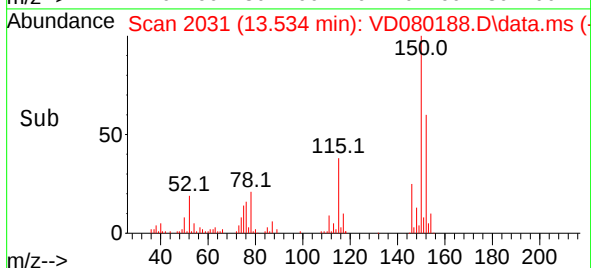
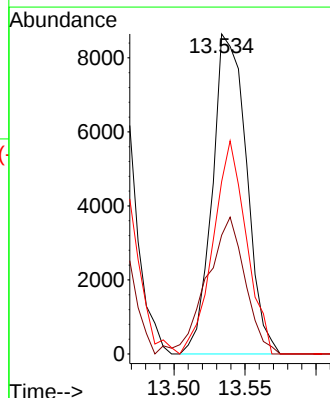
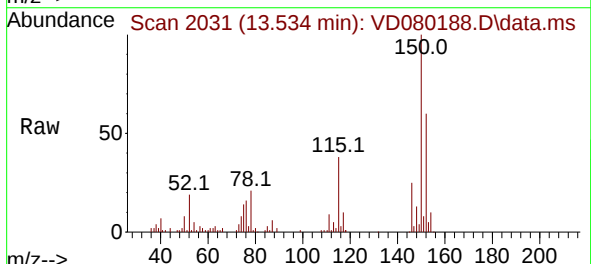
Tgt Ion:146 Resp: 14439

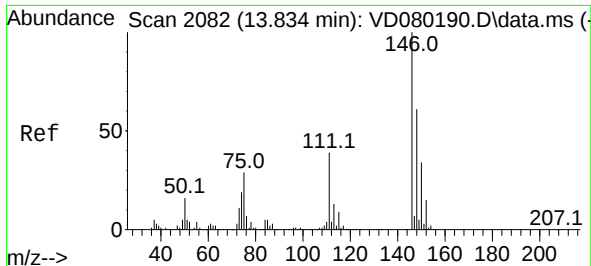
Ion Ratio Lower Upper

146 100

111 37.1 26.7 49.7

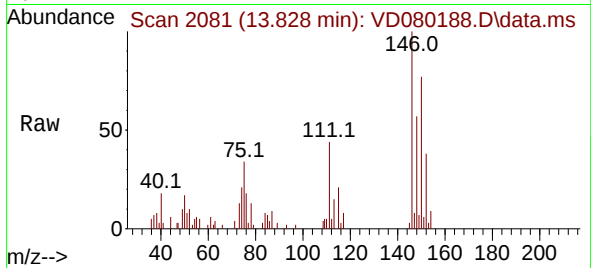
148 53.8 44.1 81.9



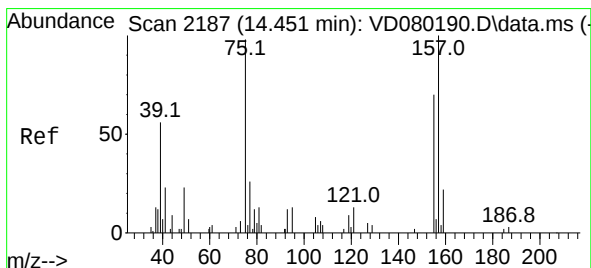
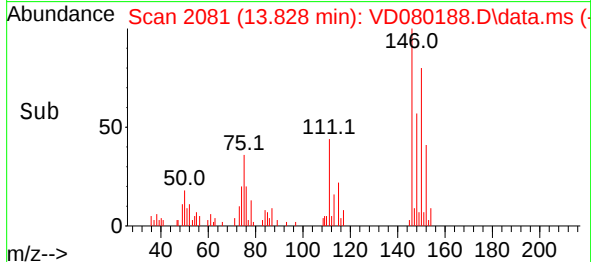
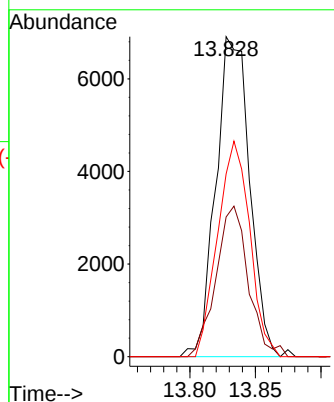


#67
1,2-Dichlorobenzene
Concen: 2.558 ug/L
RT: 13.828 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

Instrument :
MSVOA_D
ClientSampleId :

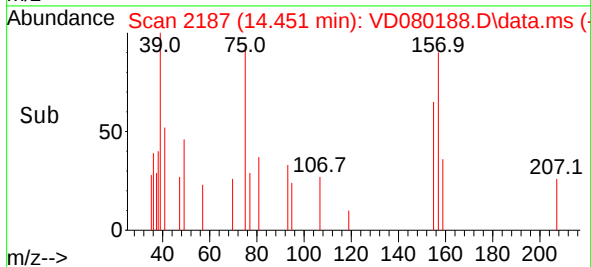
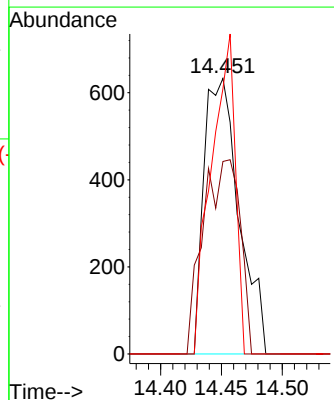
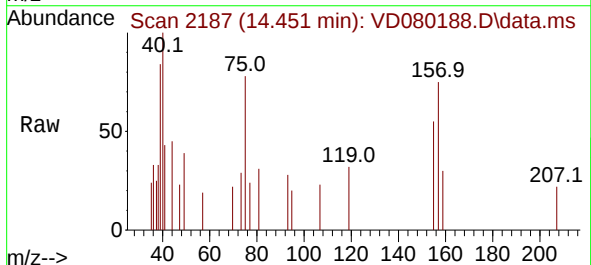


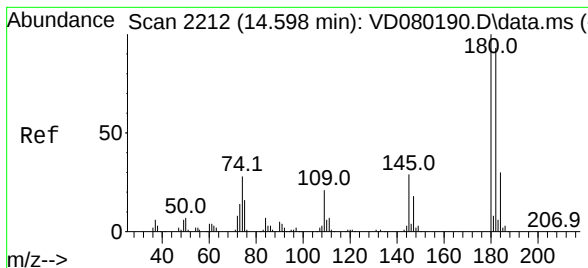
Tgt Ion:146 Resp: 12329
Ion Ratio Lower Upper
146 100
111 43.6 31.4 47.0
148 57.1 48.8 73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 3.466 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

Tgt Ion: 75 Resp: 1263
Ion Ratio Lower Upper
75 100
155 69.8 57.3 85.9
157 96.2 82.0 123.0





#69

1,3,5-Trichlorobenzene

Concen: 2.756 ug/L

RT: 14.598 min Scan# 2212

Delta R.T. -0.000 min

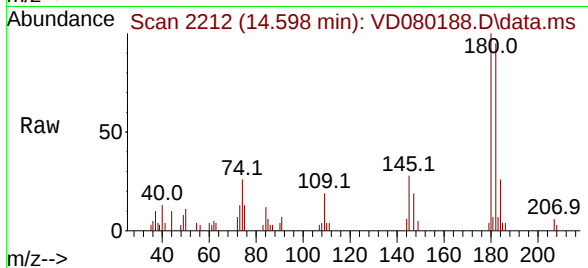
Lab File: VD080188.D

Acq: 09 Jan 2025 10:35

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 10085

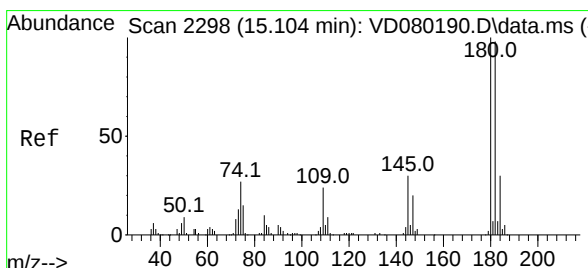
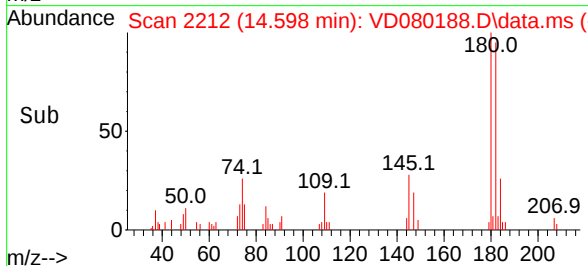
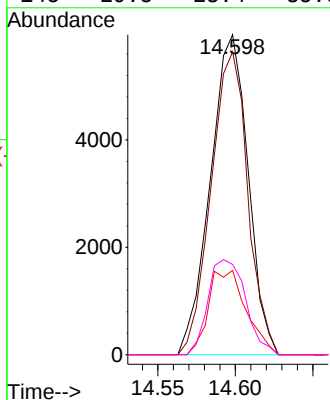
Ion Ratio Lower Upper

180 100

182 91.8 75.4 113.0

184 26.4 24.0 36.0

145 29.5 23.4 35.0



#70

1,2,4-trichlorobenzene

Concen: 2.516 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD080188.D

Acq: 09 Jan 2025 10:35

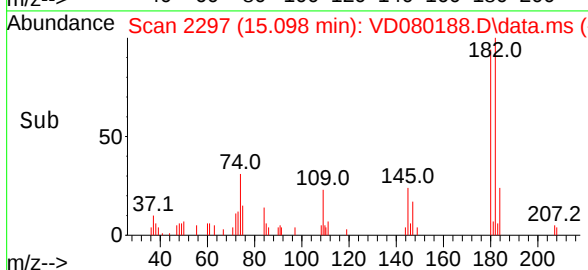
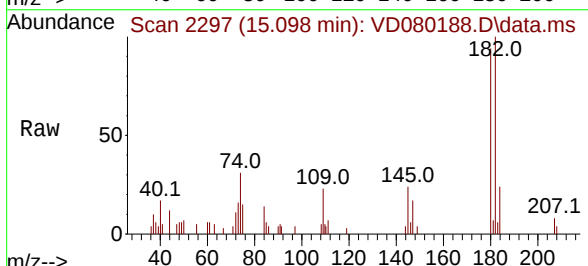
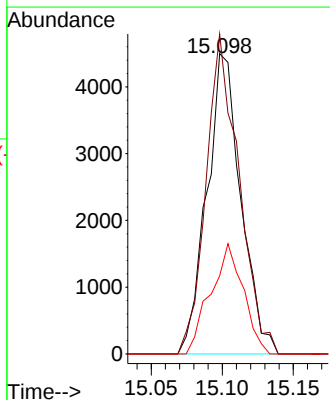
Tgt Ion:180 Resp: 7512

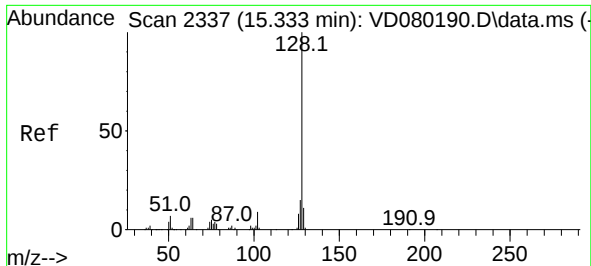
Ion Ratio Lower Upper

180 100

182 102.6 76.9 115.3

145 35.1 23.5 35.3

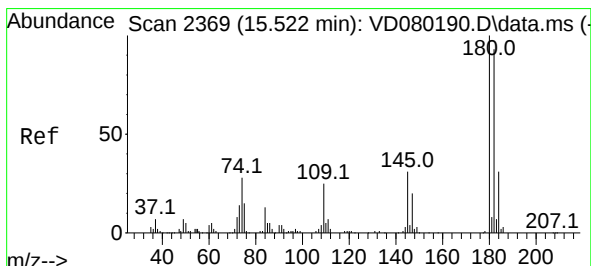
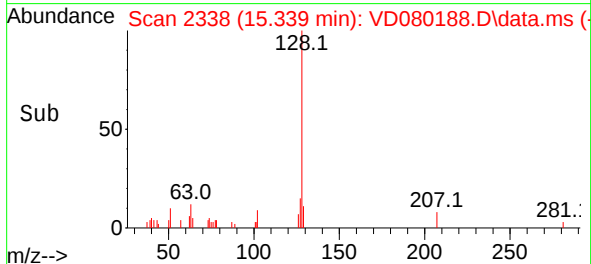
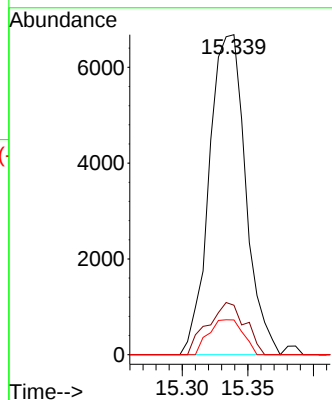
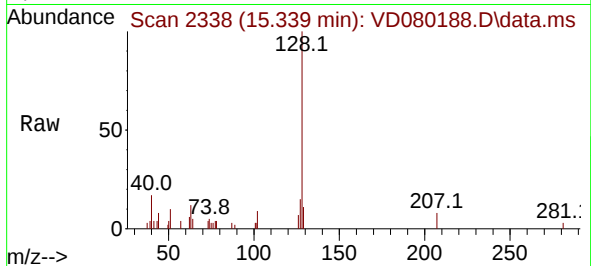




#71
Naphthalene
Concen: 2.453 ug/L
RT: 15.339 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 12887
Ion Ratio Lower Upper
128 100
127 16.8 11.5 17.3
129 10.3 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 2.608 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD080188.D
Acq: 09 Jan 2025 10:35

Tgt Ion:180 Resp: 7232
Ion Ratio Lower Upper
180 100
182 92.1 74.8 112.2
145 32.1 24.2 36.4

