

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051525\
 Data File : VD080357.D
 Acq On : 15 May 2025 19:02
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: May 16 03:02:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.870	168	180	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.788	114	793	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.582	117	2027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.317	152	1668	50.000	ug/l	-0.20
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	174	74.752	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	149.500%	
35) Dibromofluoromethane	7.823	113	77	14.487	ug/l	0.02
Spiked Amount 50.000	Range 54	- 147	Recovery	=	28.980%#	
50) Toluene-d8	10.264	98	1099	52.479	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	104.960%	
62) 4-Bromofluorobenzene	12.576	95	2008	298.738	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	597.480%#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	53	31.271	ug/l #	43
3) Chloromethane	2.135	50	130	41.156	ug/l #	39
4) Vinyl Chloride	2.253	62	72	15.386	ug/l #	42
5) Bromomethane	2.718	94	149	44.235	ug/l	96
6) Chloroethane	2.812	64	178	53.800	ug/l #	40
7) Trichlorofluoromethane	2.888	101	53	14.771	ug/l #	17
8) Diethyl Ether	3.612	74	58	52.366	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.071	101	60	27.140	ug/l #	19
11) Tert butyl alcohol	5.094	59	113	800.014	ug/l #	1
13) Acrolein	3.788	56	58	233.379	ug/l #	13
14) Allyl chloride	4.518	41	185	53.971	ug/l #	24
15) Acrylonitrile	5.241	53	57	107.044	ug/l #	1
16) Acetone	4.029	43	860	1996.207	ug/l #	43
17) Carbon Disulfide	4.259	76	133	17.573	ug/l #	74
18) Methyl Acetate	4.571	43	64	42.491	ug/l #	49
19) Methyl tert-butyl Ether	5.194	73	57	11.904	ug/l #	52
20) Methylene Chloride	4.794	84	909	391.820	ug/l #	70
22) Diisopropyl ether	6.218	45	56	7.931	ug/l #	36
23) Vinyl Acetate	6.141	43	142	34.529	ug/l #	70
24) 1,1-Dichloroethane	6.270	63	64	14.404	ug/l #	82
25) 2-Butanone	7.106	43	54	84.315	ug/l #	47
26) 2,2-Dichloropropane	6.870	77	132	37.334	ug/l #	51
28) Bromochloromethane	7.441	49	66	31.902	ug/l #	10
29) Tetrahydrofuran	7.429	42	120	287.365	ug/l #	32
30) Chloroform	7.588	83	55	12.413	ug/l #	18
31) Cyclohexane	7.982	56	59	15.602	ug/l #	15
32) 1,1,1-Trichloroethane	7.653	97	56	15.491	ug/l #	24
36) 1,1-Dichloropropene	7.853	75	73	9.190	ug/l #	1
37) Ethyl Acetate	7.182	43	148	35.631	ug/l #	52
39) Methylcyclohexane	9.323	83	121	13.127	ug/l #	60
40) Benzene	8.523	78	58	2.330	ug/l #	50
41) Methacrylonitrile	7.406	41	237	103.105	ug/l #	41
42) 1,2-Dichloroethane	8.341	62	76	10.538	ug/l #	73
43) Isopropyl Acetate	8.364	43	349	46.335	ug/l #	49
44) Trichloroethene	8.923	130	56	9.693	ug/l	1
45) 1,2-Dichloropropane	9.358	63	79	12.376	ug/l #	42

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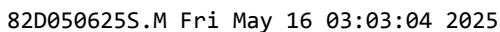
Instrument :
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 ClientSampleId :
 VIBLK

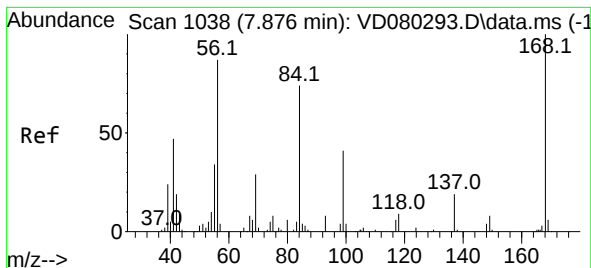
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.388	93	67	19.278	ug/l #	34
47) Bromodichloromethane	9.588	83	54	6.122	ug/l #	25
48) Methyl methacrylate	9.411	41	318	88.856	ug/l #	31
49) 1,4-Dioxane	9.447	88	59	1427.902	ug/l #	1
51) 4-Methyl-2-Pentanone	10.141	43	201	51.792	ug/l	91
52) Toluene	10.341	92	317	21.141	ug/l	92
54) cis-1,3-Dichloropropene	9.929	75	60	6.439	ug/l #	37
55) 1,1,2-Trichloroethane	10.747	97	138	30.019	ug/l #	33
56) Ethyl methacrylate	10.647	69	765	137.330	ug/l #	54
57) 1,3-Dichloropropane	10.876	76	54	7.068	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.888	63	146	64.043	ug/l #	48
59) 2-Hexanone	10.905	43	104	38.956	ug/l	87
60) Dibromochloromethane	11.070	129	127	22.044	ug/l	60
61) 1,2-Dibromoethane	11.217	107	412	96.650	ug/l	91
64) Tetrachloroethene	10.805	164	56	4.080	ug/l #	22
65) Chlorobenzene	11.617	112	79	1.726	ug/l #	44
66) 1,1,1,2-Tetrachloroethane	11.829	131	378	24.039	ug/l	73
67) Ethyl Benzene	11.670	91	236	3.086	ug/l #	45
68) m/p-Xylenes	11.782	106	495	16.668	ug/l #	1
69) o-Xylene	12.052	106	136	5.011	ug/l	81
70) Styrene	12.135	104	346	7.100	ug/l #	50
71) Bromoform	12.264	173	76	8.135	ug/l #	28
73) Isopropylbenzene	12.376	105	155	1.433	ug/l	81
74) N-amyl acetate	12.241	43	109	3.510	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.688	83	388	16.307	ug/l #	1
76) 1,2,3-Trichloropropane	12.711	75	91	5.653	ug/l #	100
77) Bromobenzene	12.717	156	10249	365.175	ug/l #	1
78) n-propylbenzene	12.764	91	789	5.811	ug/l	86
79) 2-Chlorotoluene	12.694	91	538	6.812	ug/l	84
80) 1,3,5-Trimethylbenzene	13.052	105	334	3.619	ug/l	65
81) trans-1,4-Dichloro-2-b...	12.576	75	1105	130.291	ug/l #	15
82) 4-Chlorotoluene	12.694	91	538	6.310	ug/l	85
83) tert-Butylbenzene	13.152	119	309	4.012	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.164	105	251	2.658	ug/l	85
85) sec-Butylbenzene	13.299	105	592	4.985	ug/l	80
86) p-Isopropyltoluene	13.470	119	844	8.456	ug/l #	59
87) 1,3-Dichlorobenzene	13.535	146	413	7.056	ug/l	86
88) 1,4-Dichlorobenzene	13.535	146	413	6.999	ug/l	86
90) Hexachloroethane	14.099	117	168	7.607	ug/l	57
91) 1,2-Dichlorobenzene	13.905	146	191	3.757	ug/l	67
92) 1,2-Dibromo-3-Chloropr...	14.188	75	182	47.994	ug/l	67
93) 1,2,4-Trichlorobenzene	15.094	180	444	13.885	ug/l #	19
95) Naphthalene	15.329	128	1870	31.146	ug/l #	60
96) 1,2,3-Trichlorobenzene	15.241	180	54	1.888	ug/l #	12

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.870 min Scan# 10

Delta R.T. -0.005 min

Lab File: VD080357.D

Acq: 15 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

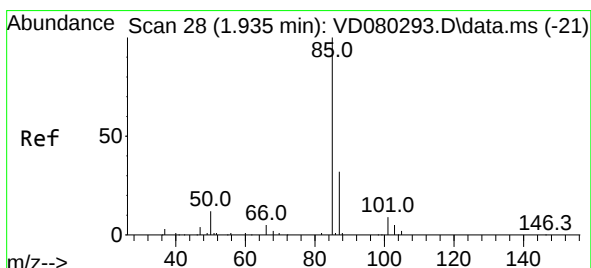
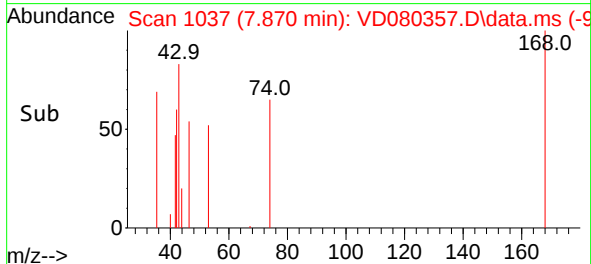
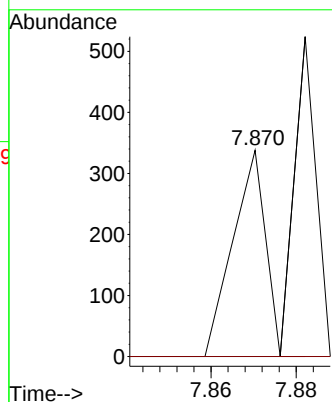
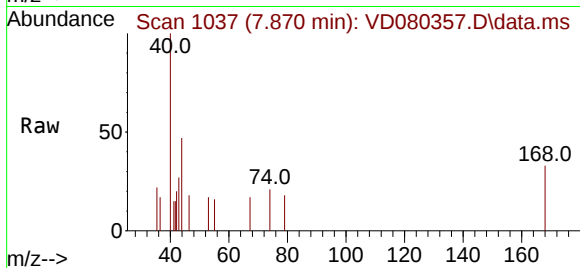
VIBLK

Tgt Ion:168 Resp: 180

Ion Ratio Lower Upper

168 100

99 0.0 46.0 69.0#



#2

Dichlorodifluoromethane

Concen: 31.271 ug/l

RT: 1.900 min Scan# 22

Delta R.T. -0.034 min

Lab File: VD080357.D

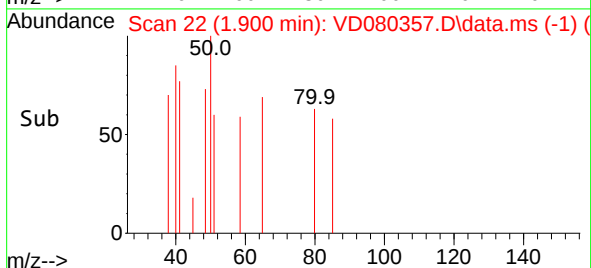
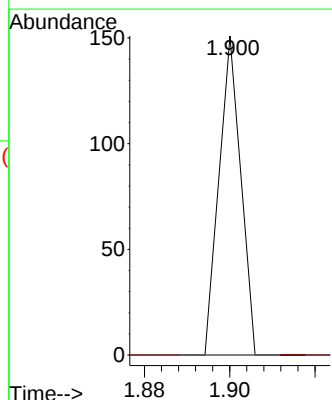
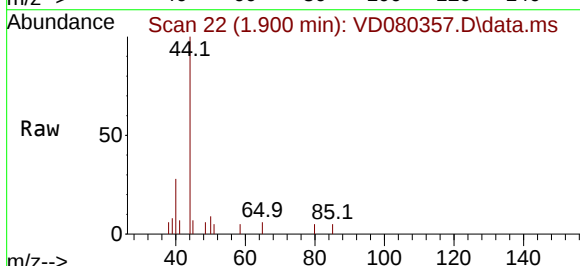
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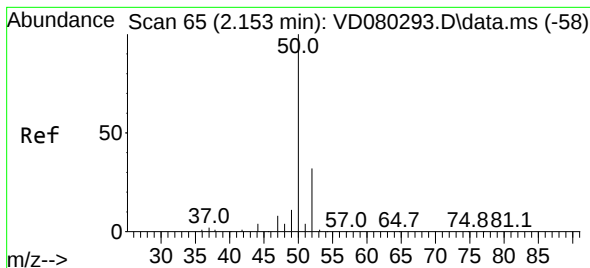
Tgt Ion: 85 Resp: 53

Ion Ratio Lower Upper

85 100

87 0.0 16.1 48.2#





#3

Chloromethane

Concen: 41.156 ug/l

RT: 2.135 min Scan# 61

Delta R.T. -0.011 min

Lab File: VD080357.D

Acq: 15 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

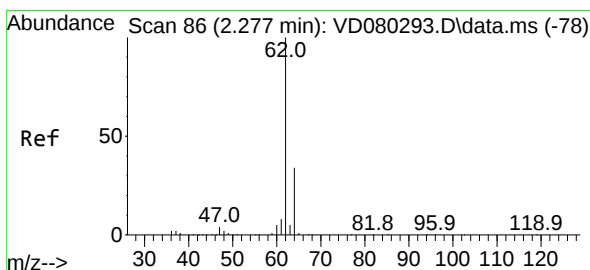
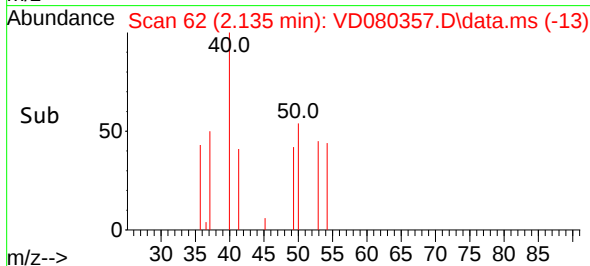
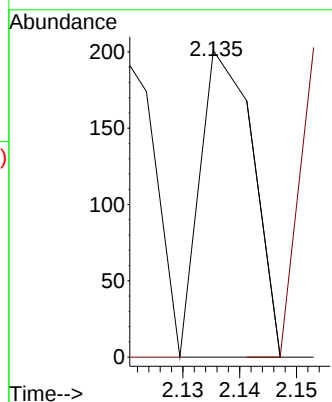
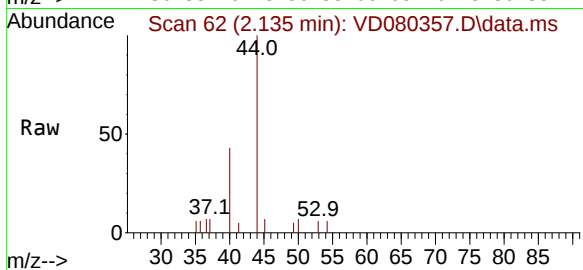
VIBLK

Tgt Ion: 50 Resp: 130

Ion Ratio Lower Upper

50 100

52 0.0 28.8 43.2#



#4

Vinyl Chloride

Concen: 15.386 ug/l

RT: 2.253 min Scan# 82

Delta R.T. -0.028 min

Lab File: VD080357.D

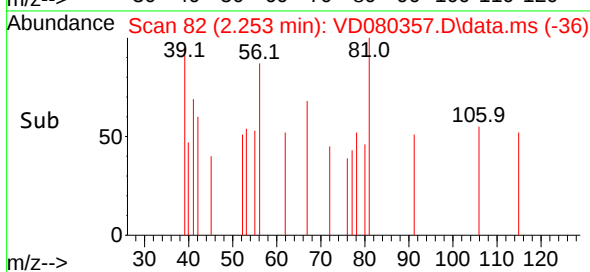
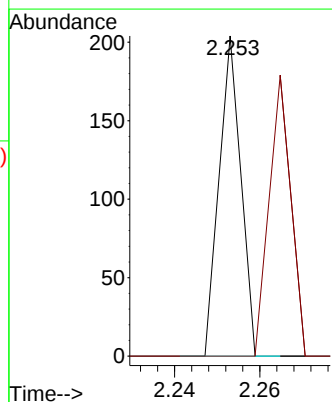
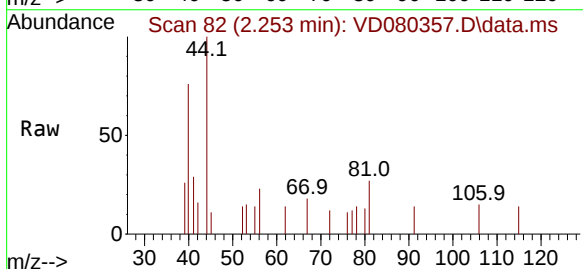
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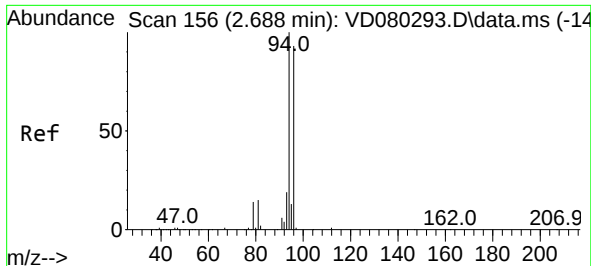
Tgt Ion: 62 Resp: 72

Ion Ratio Lower Upper

62 100

64 0.0 26.5 39.7#

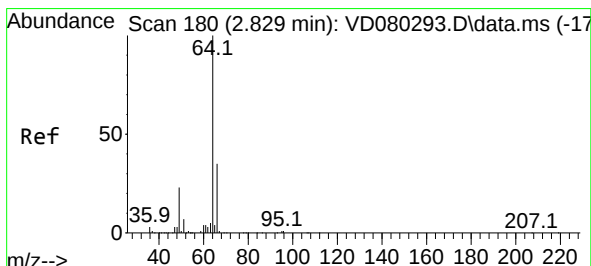
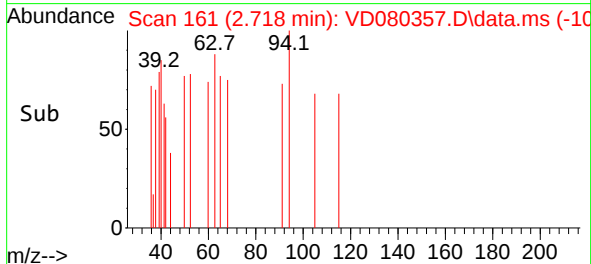
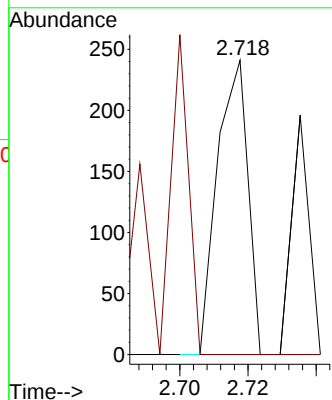
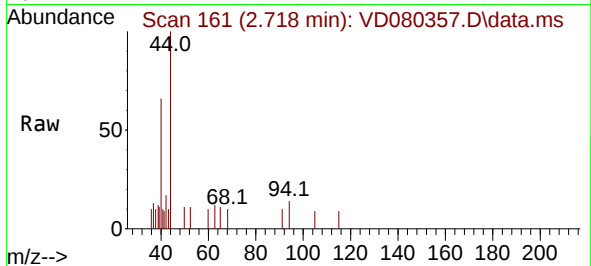




#5
Bromomethane
Concen: 44.235 ug/l
RT: 2.718 min Scan# 11
Delta R.T. 0.025 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

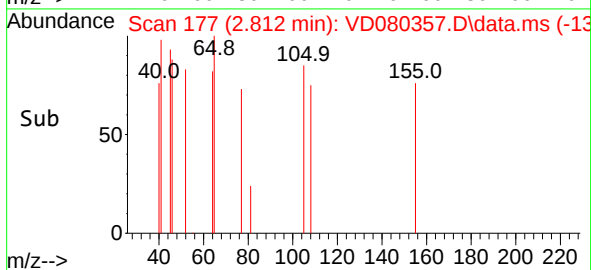
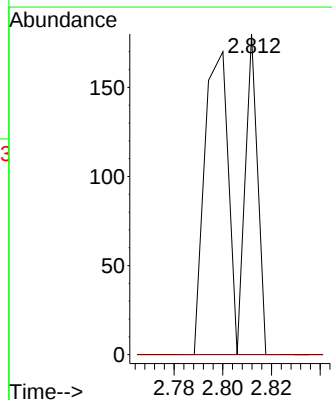
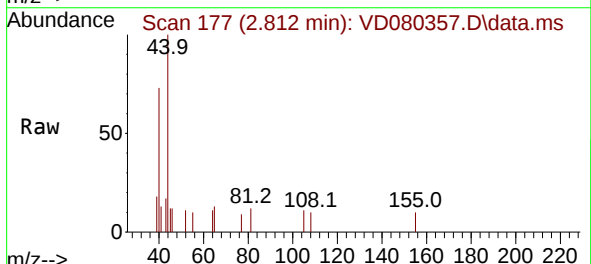
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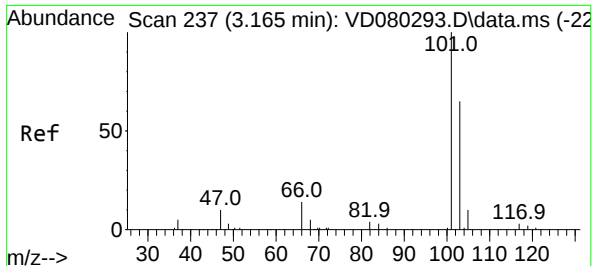
Tgt Ion: 94 Resp: 149
Ion Ratio Lower Upper
94 100
96 99.3 76.2 114.2



#6
Chloroethane
Concen: 53.800 ug/l
RT: 2.812 min Scan# 177
Delta R.T. -0.022 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion: 64 Resp: 178
Ion Ratio Lower Upper
64 100
66 0.0 27.6 41.4#

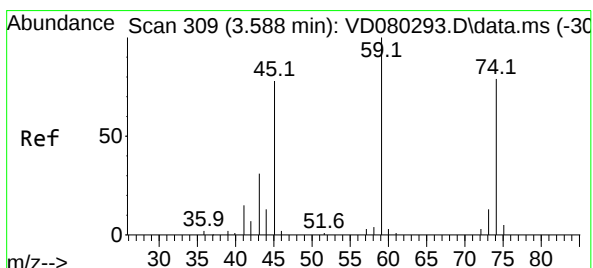
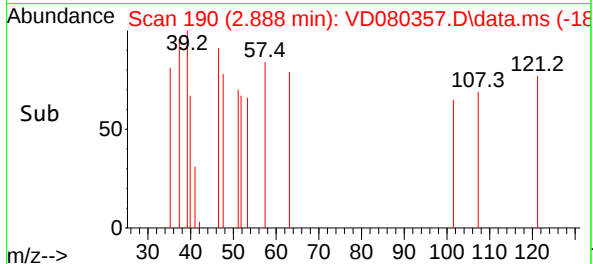
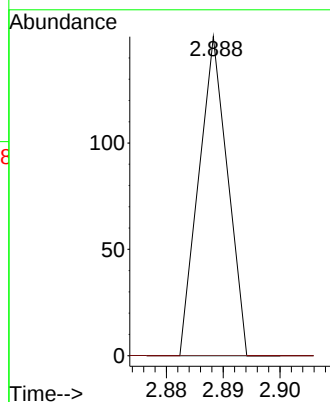
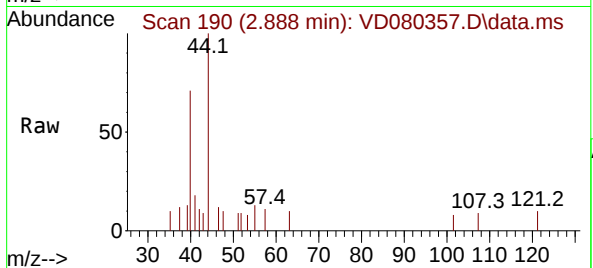




#7
Trichlorofluoromethane
Concen: 14.771 ug/l
RT: 2.888 min Scan# 190
Delta R.T. -0.282 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

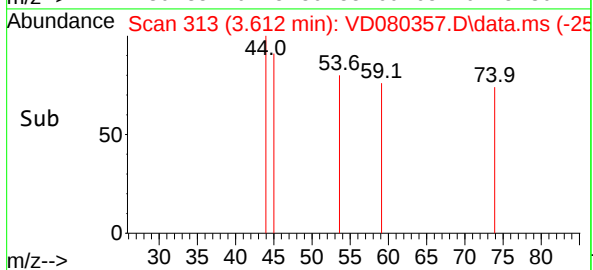
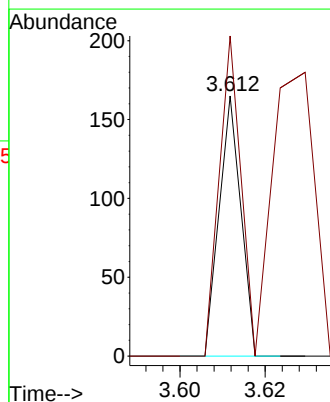
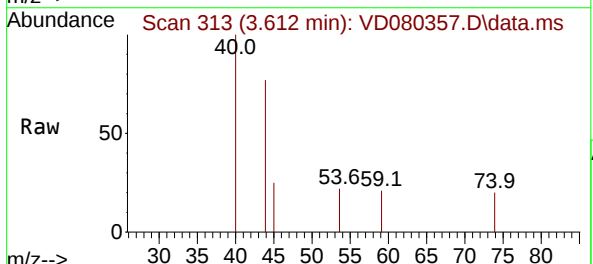
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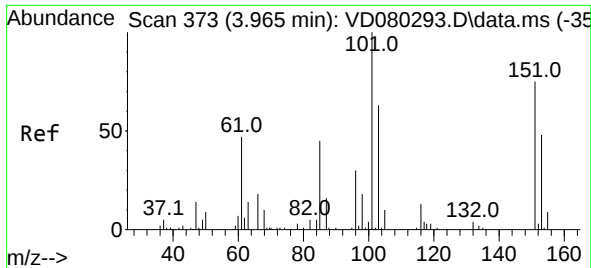
Tgt Ion:101 Resp: 53
Ion Ratio Lower Upper
101 100
103 0.0 53.0 79.6#



#8
Diethyl Ether
Concen: 52.366 ug/l
RT: 3.612 min Scan# 313
Delta R.T. 0.019 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion: 74 Resp: 58
Ion Ratio Lower Upper
74 100
45 124.1 47.8 143.3

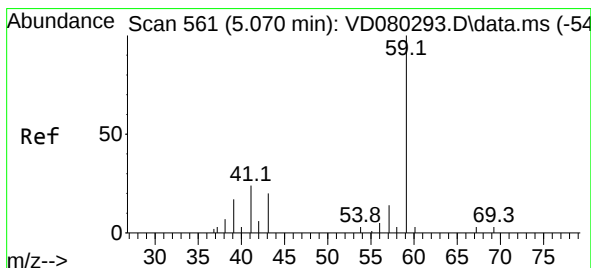
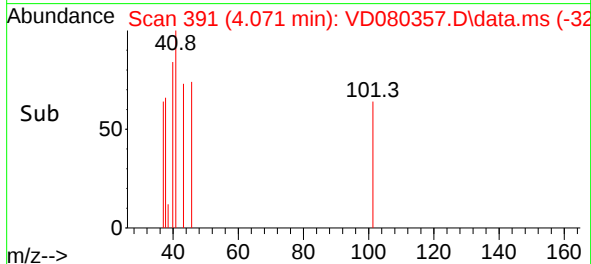
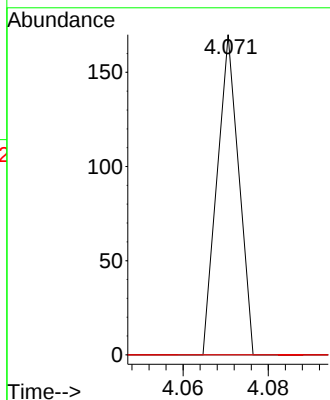
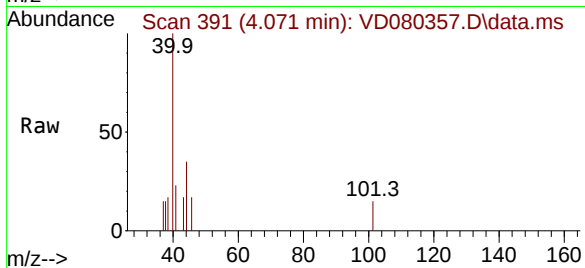




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 27.140 ug/l
 RT: 4.071 min Scan# 391
 Delta R.T. 0.101 min
 Lab File: VD080357.D
 Acq: 15 May 2025 19:02

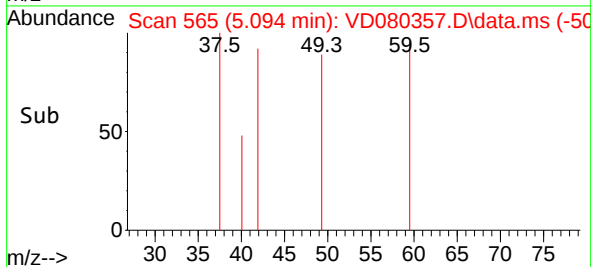
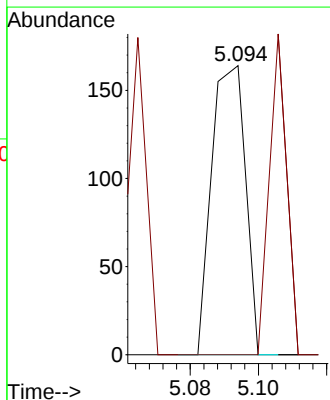
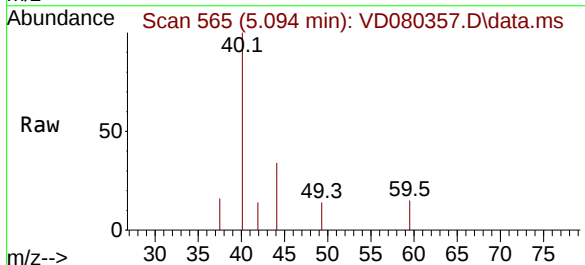
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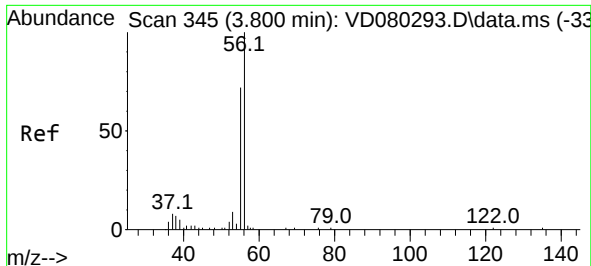
Tgt Ion:101 Resp: 60
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 60.3 90.5#



#11
 Tert butyl alcohol
 Concen: 800.014 ug/l
 RT: 5.094 min Scan# 565
 Delta R.T. 0.036 min
 Lab File: VD080357.D
 Acq: 15 May 2025 19:02

Tgt Ion: 59 Resp: 113
 Ion Ratio Lower Upper
 59 100
 57 56.6 4.8 7.2#

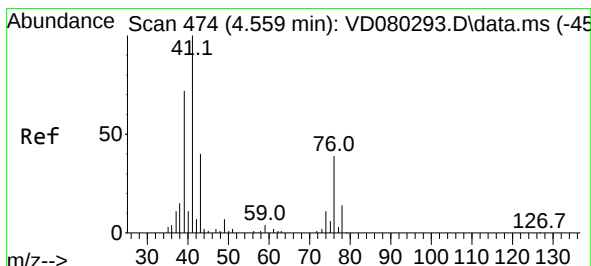
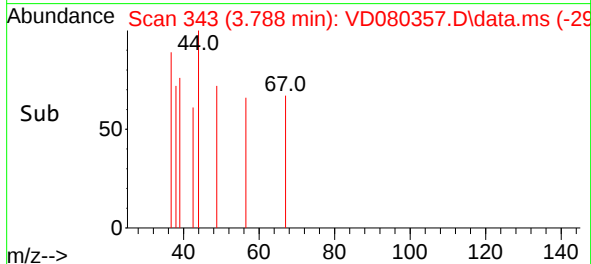
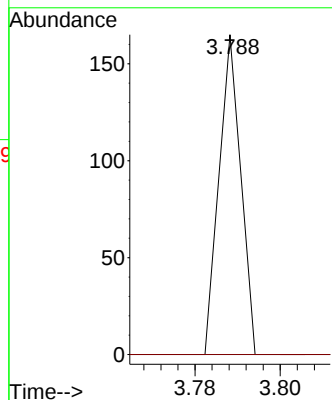
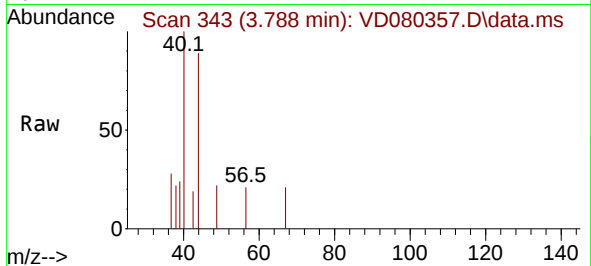




#13
Acrolein
Concen: 233.379 ug/l
RT: 3.788 min Scan# 34
Delta R.T. -0.005 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

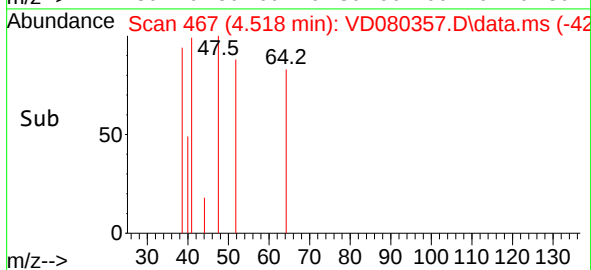
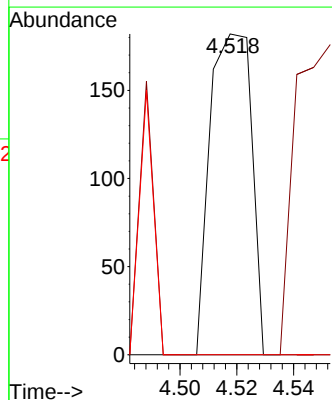
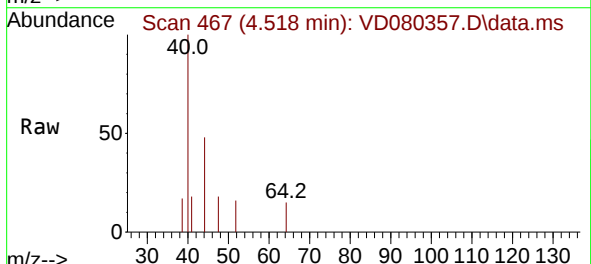
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

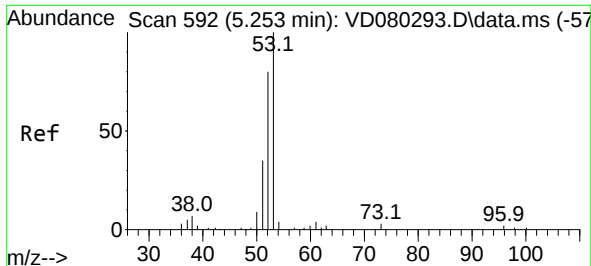
Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.2#



#14
Allyl chloride
Concen: 53.971 ug/l
RT: 4.518 min Scan# 467
Delta R.T. -0.046 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion: 41 Resp: 185
Ion Ratio Lower Upper
41 100
39 0.0 53.3 79.9#
76 0.0 32.0 48.0#

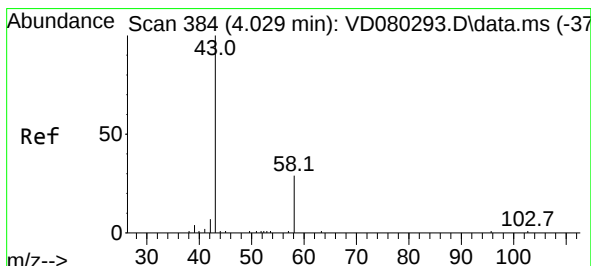
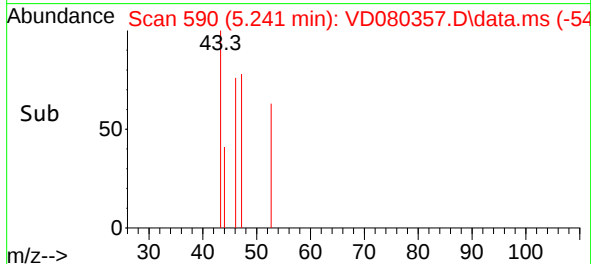
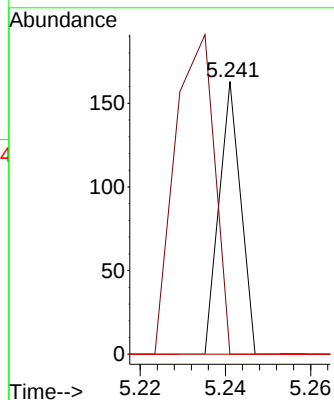
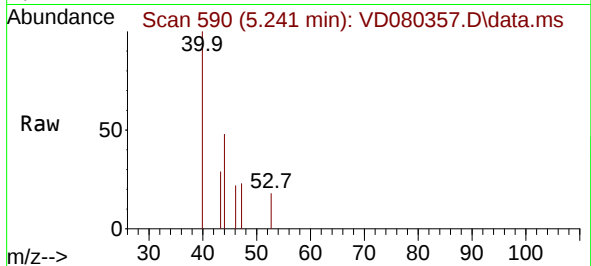




#15
Acrylonitrile
Concen: 107.044 ug/l
RT: 5.241 min Scan# 592
Delta R.T. -0.011 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

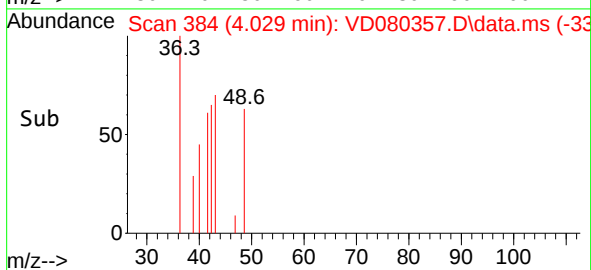
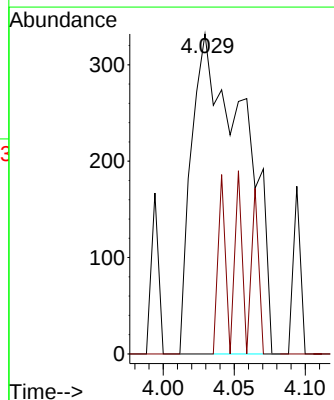
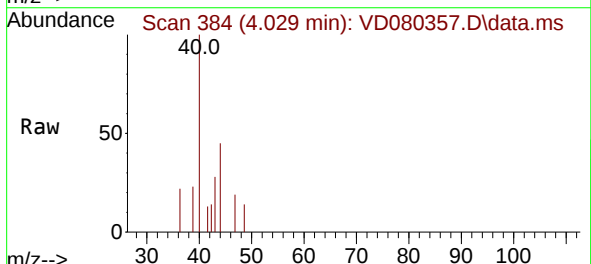
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

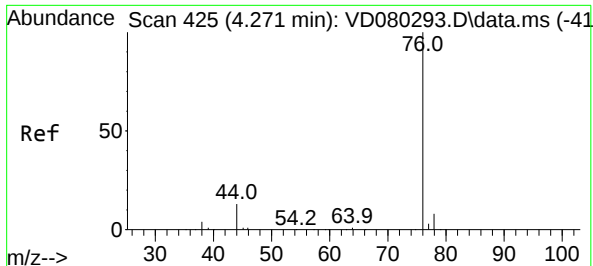
Tgt Ion: 53	Resp:	57
Ion	Ratio	Lower Upper
53	100	
52	215.8	66.2 99.4#
51	0.0	30.3 45.5#



#16
Acetone
Concen: 1996.207 ug/l
RT: 4.029 min Scan# 384
Delta R.T. 0.006 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion: 43	Resp:	860
Ion	Ratio	Lower Upper
43	100	
58	0.0	25.4 38.2#

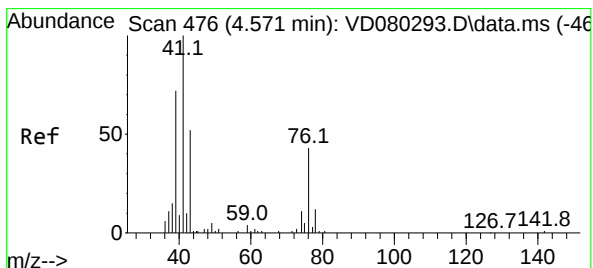
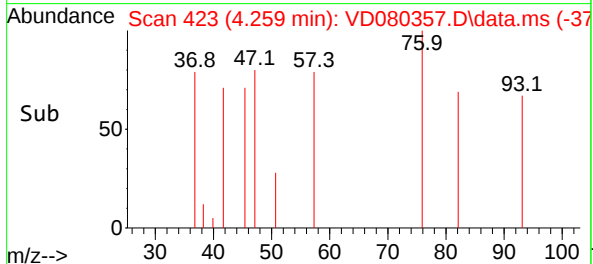
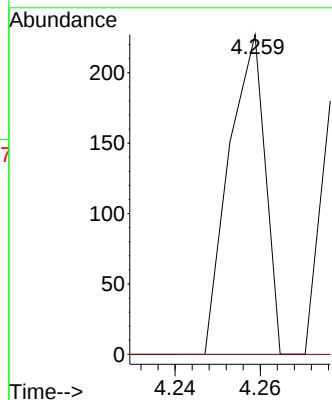
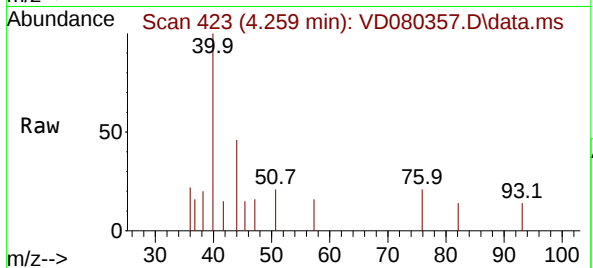




#17
Carbon Disulfide
Concen: 17.573 ug/l
RT: 4.259 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

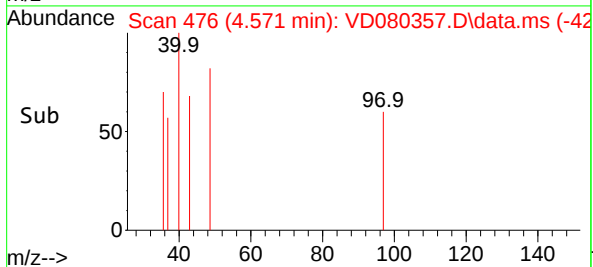
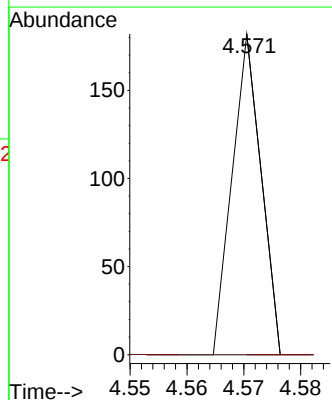
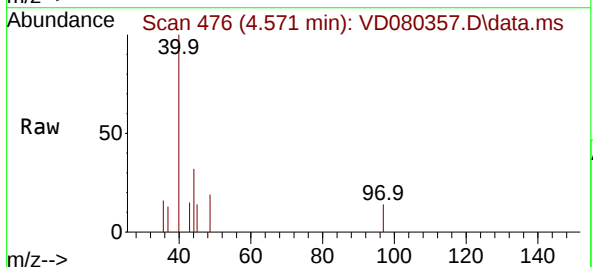
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

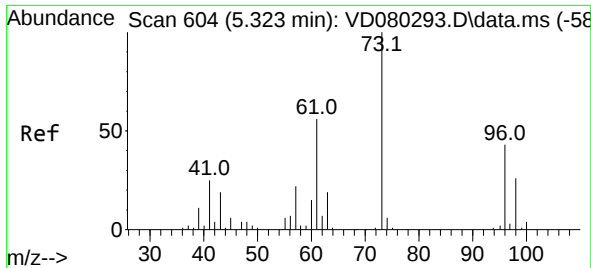
Tgt Ion: 76 Resp: 133
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#18
Methyl Acetate
Concen: 42.491 ug/l
RT: 4.571 min Scan# 476
Delta R.T. 0.007 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
74 0.0 20.5 30.7#

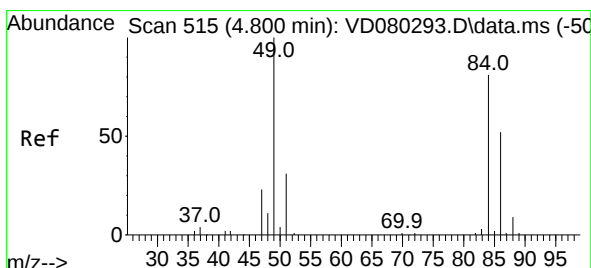
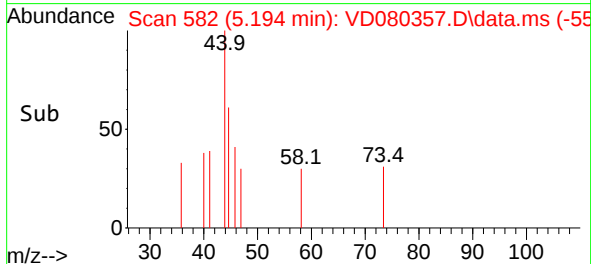
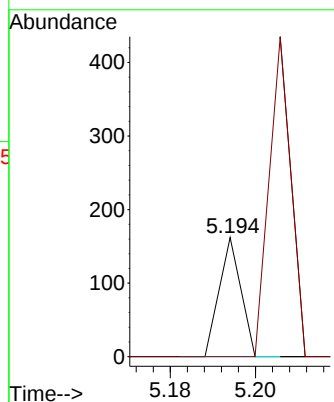
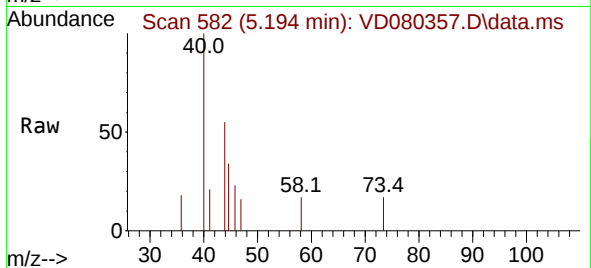




#19
Methyl tert-butyl Ether
Concen: 11.904 ug/l
RT: 5.194 min Scan# 514
Delta R.T. -0.128 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

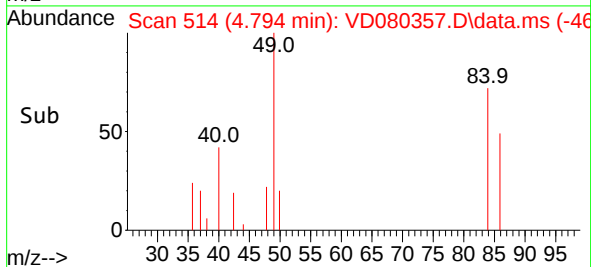
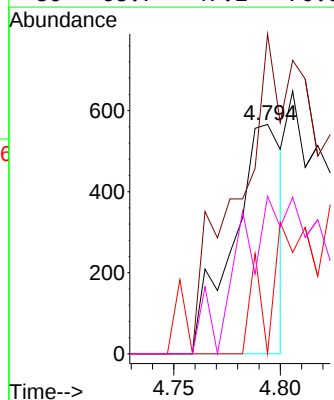
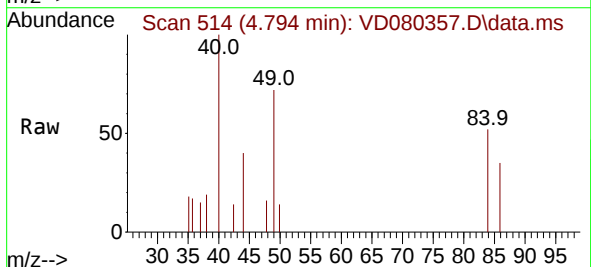
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

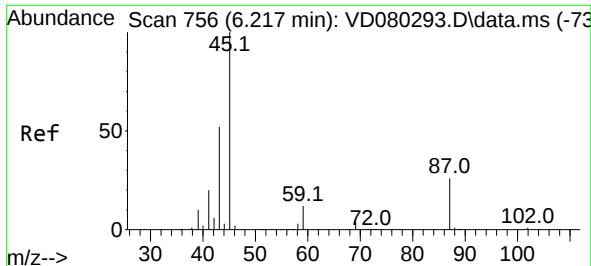
Tgt Ion: 73 Resp: 57
Ion Ratio Lower Upper
73 100
57 0.0 18.8 28.2#



#20
Methylene Chloride
Concen: 391.820 ug/l
RT: 4.794 min Scan# 514
Delta R.T. -0.011 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion: 84 Resp: 909
Ion Ratio Lower Upper
84 100
49 139.4 86.5 129.7#
51 0.0 26.9 40.3#
86 68.7 47.2 70.8

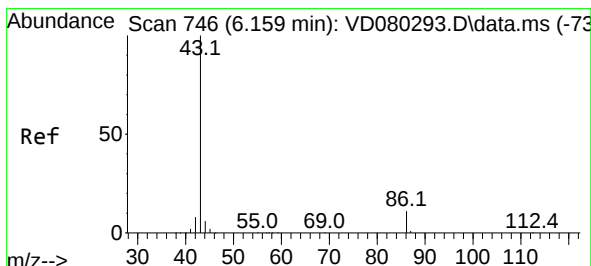
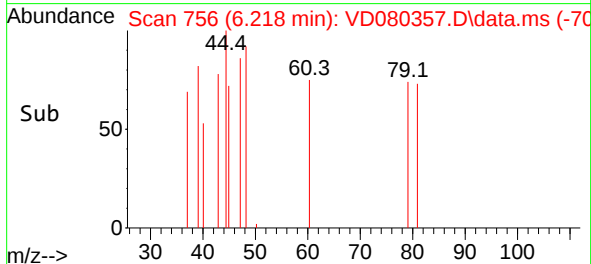
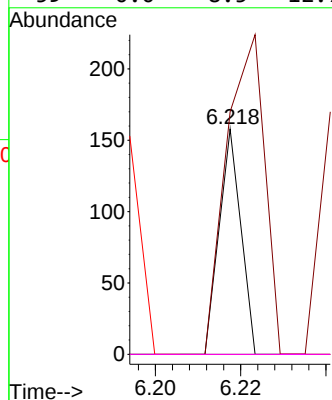
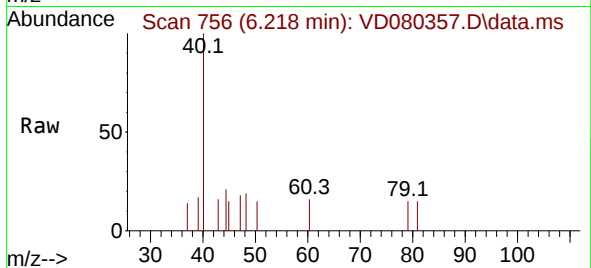




#22
Diisopropyl ether
Concen: 7.931 ug/l
RT: 6.218 min Scan# 71
Delta R.T. 0.002 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

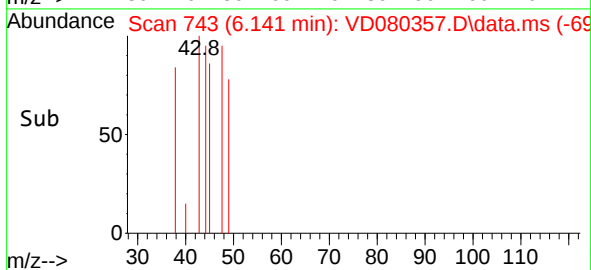
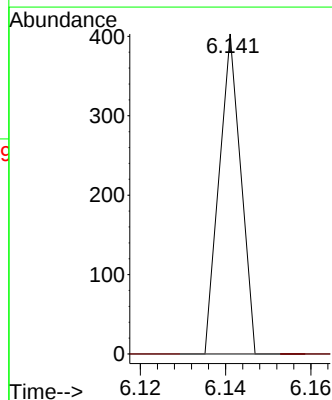
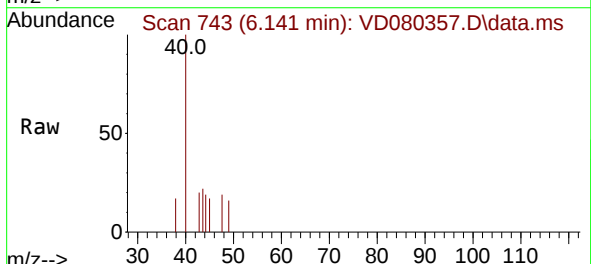
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

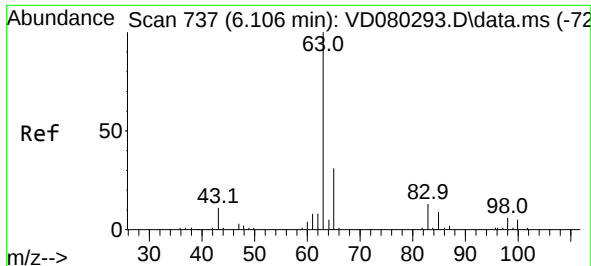
Tgt Ion:	45	Resp:	56
Ion	Ratio	Lower	Upper
45	100		
43	107.6	42.6	63.8#
87	0.0	22.7	34.1#
59	0.0	8.5	12.7#



#23
Vinyl Acetate
Concen: 34.529 ug/l
RT: 6.141 min Scan# 743
Delta R.T. -0.017 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion:	43	Resp:	142
Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.4	14.0#

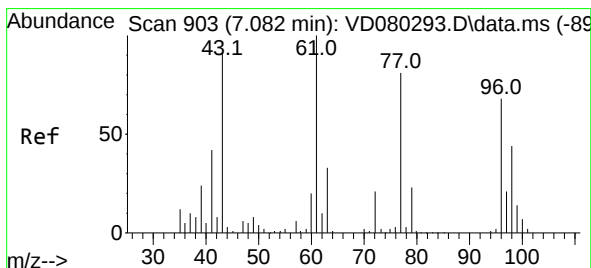
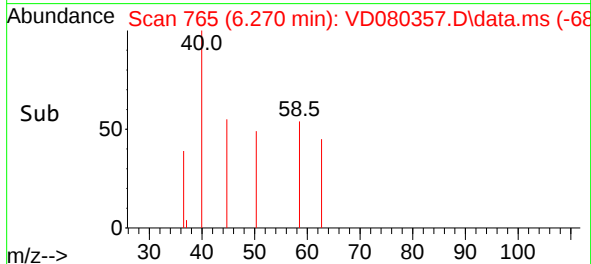
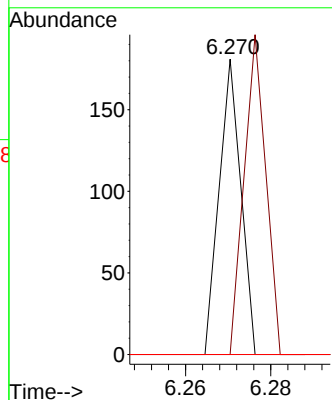
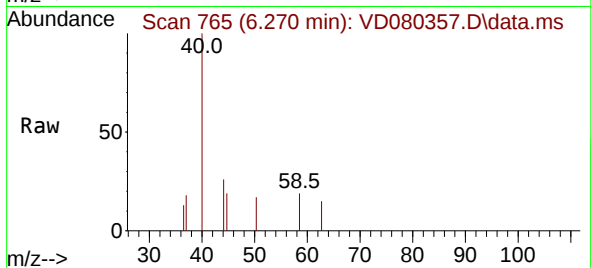




#24
1,1-Dichloroethane
Concen: 14.404 ug/l
RT: 6.270 min Scan# 70
Delta R.T. 0.153 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

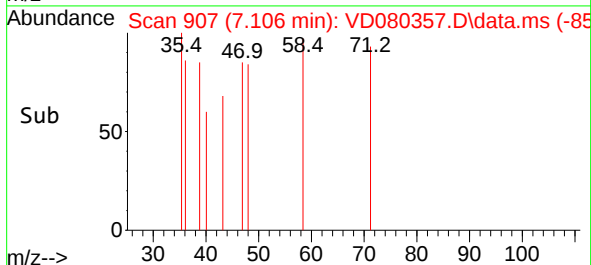
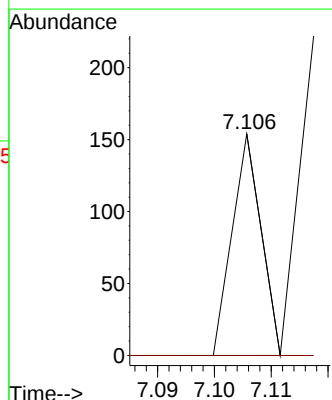
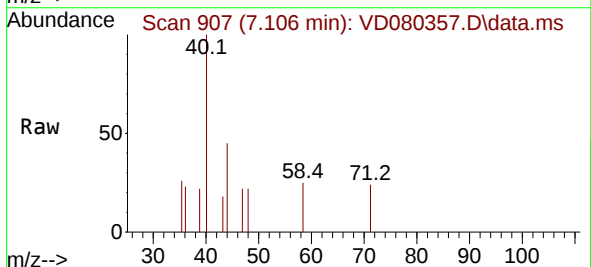
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

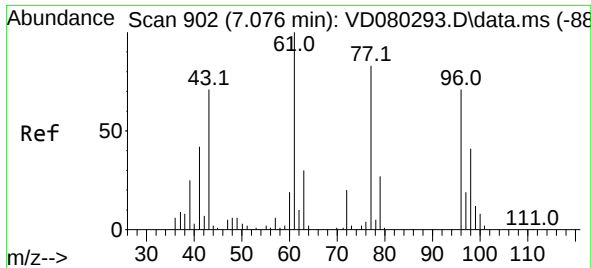
Tgt Ion: 63 Resp: 64
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.6#
100 0.0 2.1 6.5#



#25
2-Butanone
Concen: 84.315 ug/l
RT: 7.106 min Scan# 907
Delta R.T. 0.019 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#

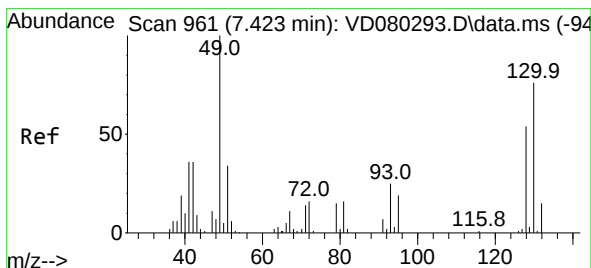
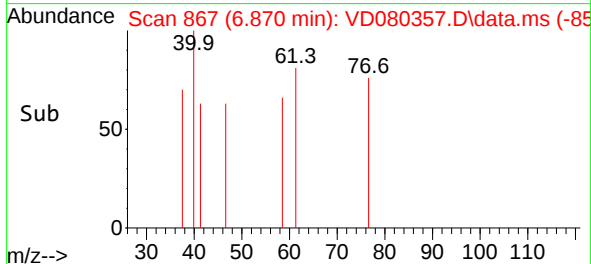
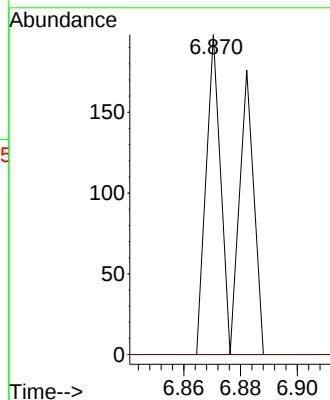
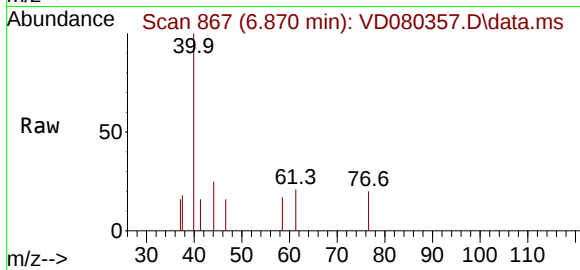




#26
2,2-Dichloropropane
Concen: 37.334 ug/l
RT: 6.870 min Scan# 80
Delta R.T. -0.205 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

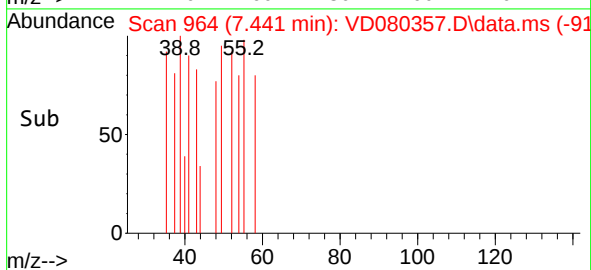
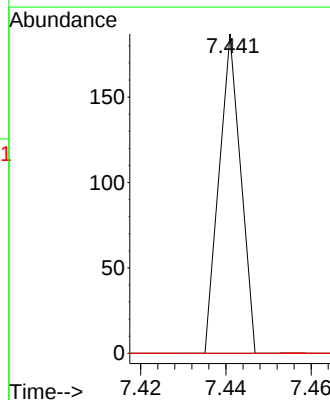
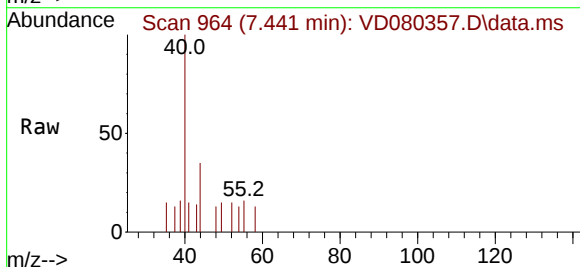
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

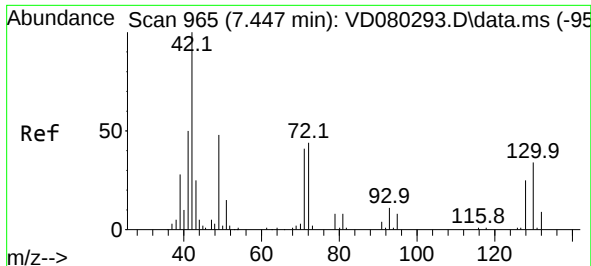
Tgt Ion: 77 Resp: 132
Ion Ratio Lower Upper
77 100
97 0.0 11.9 35.9#



#28
Bromochloromethane
Concen: 31.902 ug/l
RT: 7.441 min Scan# 964
Delta R.T. 0.013 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion: 49 Resp: 66
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 0.0 64.6 97.0#





#29

Tetrahydrofuran

Concen: 287.365 ug/l

RT: 7.429 min Scan# 91

Delta R.T. -0.017 min

Lab File: VD080357.D

Acq: 15 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

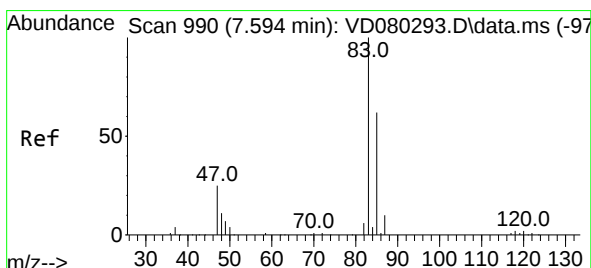
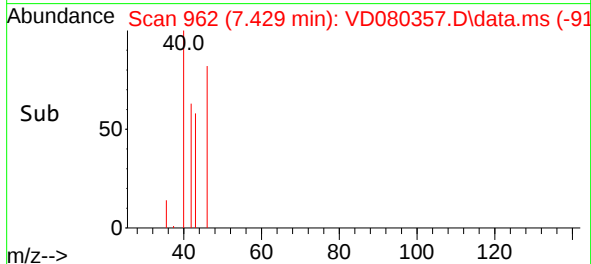
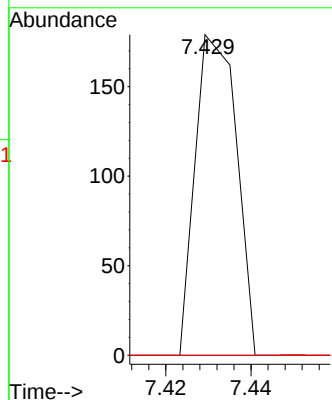
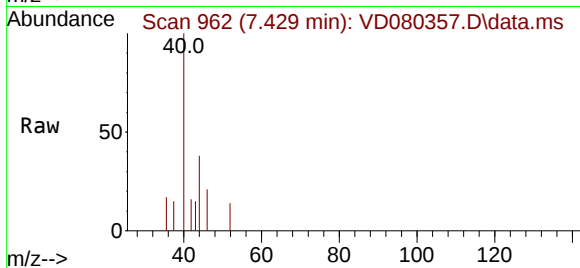
Tgt Ion: 42 Resp: 120

Ion Ratio Lower Upper

42 100

72 0.0 36.7 55.1#

71 0.0 34.4 51.6#



#30

Chloroform

Concen: 12.413 ug/l

RT: 7.588 min Scan# 989

Delta R.T. -0.011 min

Lab File: VD080357.D

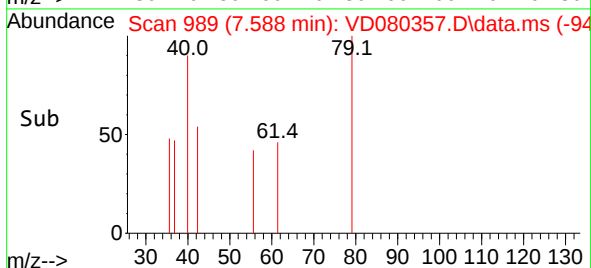
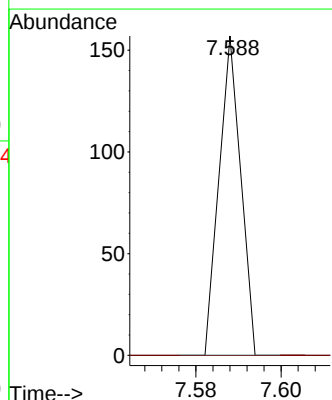
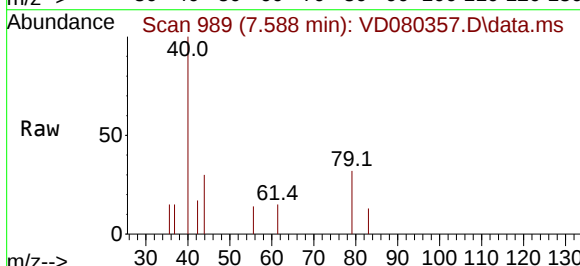
Acq: 15 May 2025 19:02

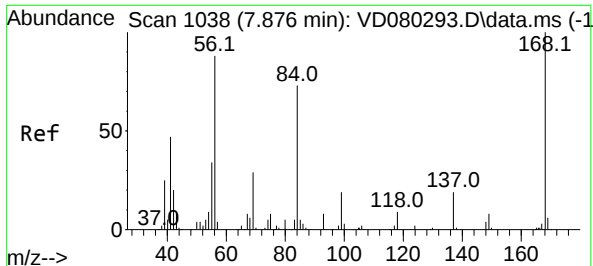
Tgt Ion: 83 Resp: 55

Ion Ratio Lower Upper

83 100

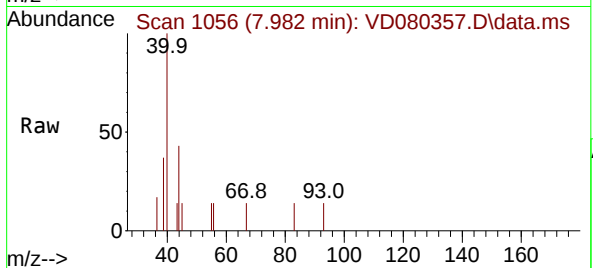
85 0.0 50.8 76.2#



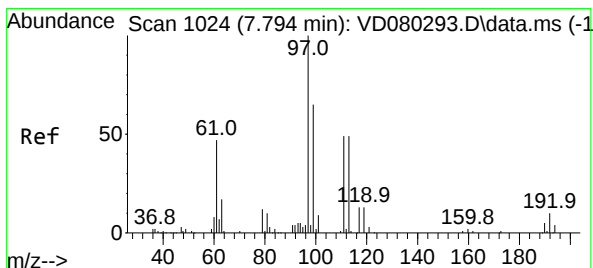
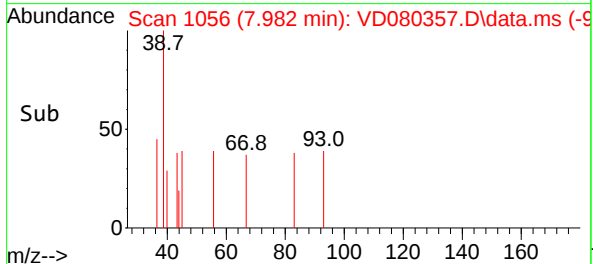
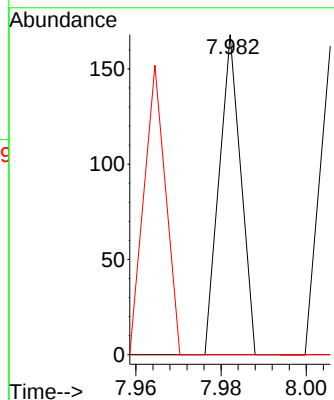


#31
Cyclohexane
Concen: 15.602 ug/l
RT: 7.982 min Scan# 1056
Delta R.T. 0.101 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

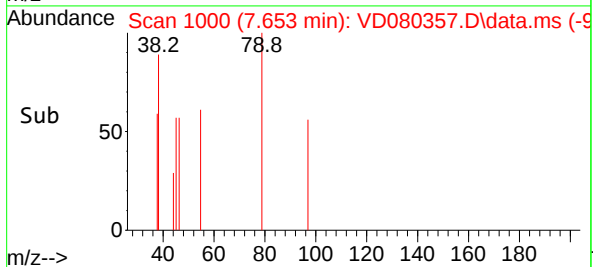
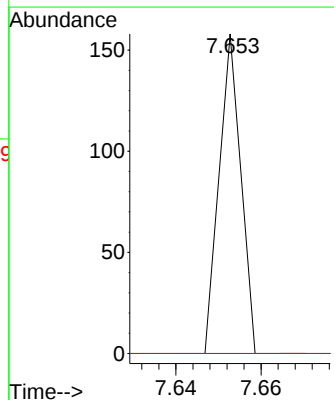
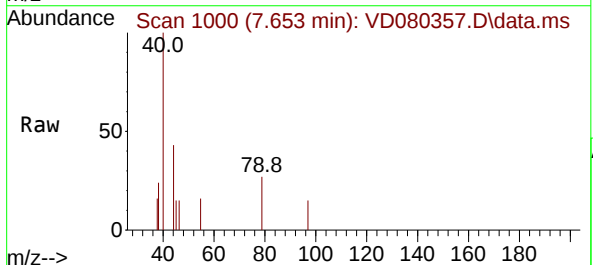


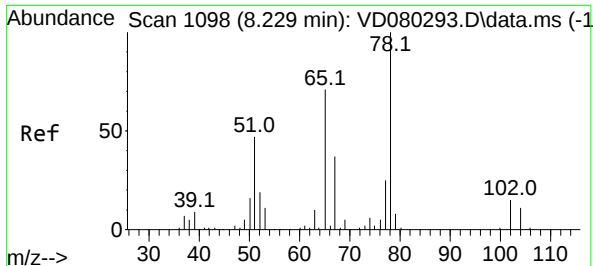
Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
69 0.0 27.3 40.9#
84 0.0 70.2 105.4#



#32
1,1,1-Trichloroethane
Concen: 15.491 ug/l
RT: 7.653 min Scan# 1000
Delta R.T. -0.140 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion: 97 Resp: 56
Ion Ratio Lower Upper
97 100
99 0.0 50.7 76.1#
61 0.0 34.2 51.2#





#33

1,2-Dichloroethane-d4

Concen: 74.752 ug/l

RT: 8.235 min Scan# 1109

Delta R.T. 0.007 min

Lab File: VD080357.D

Acq: 15 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

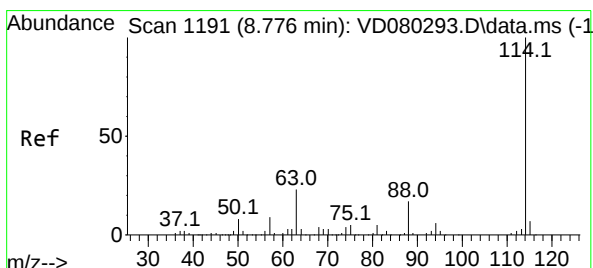
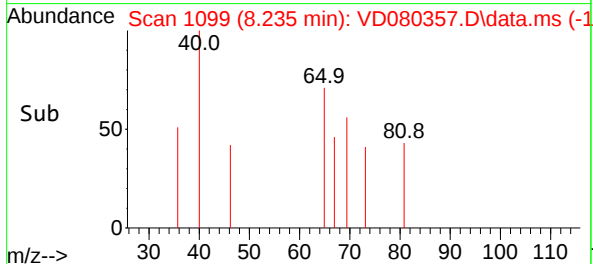
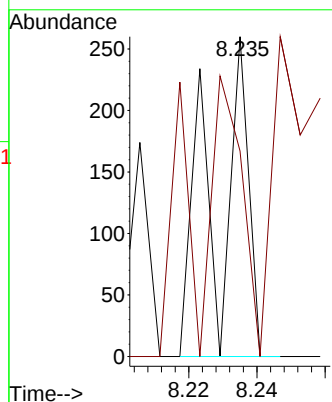
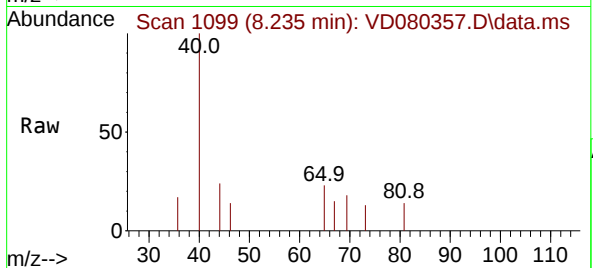
VIBLK

Tgt Ion: 65 Resp: 174

Ion Ratio Lower Upper

65 100

67 79.9 0.0 109.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.788 min Scan# 1193

Delta R.T. 0.013 min

Lab File: VD080357.D

Acq: 15 May 2025 19:02

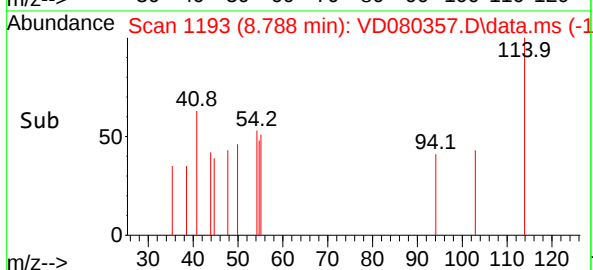
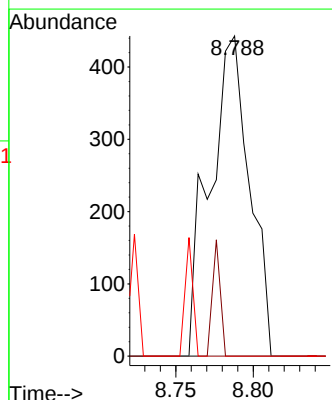
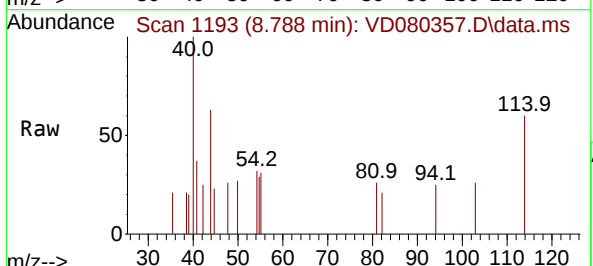
Tgt Ion: 114 Resp: 793

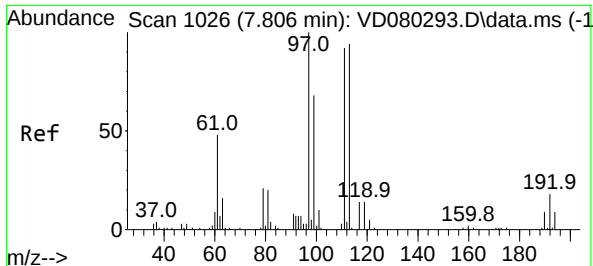
Ion Ratio Lower Upper

114 100

63 0.0 0.0 38.8

88 0.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 14.487 ug/l

RT: 7.823 min Scan# 1034

Delta R.T. 0.018 min

Lab File: VD080357.D

Acq: 15 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

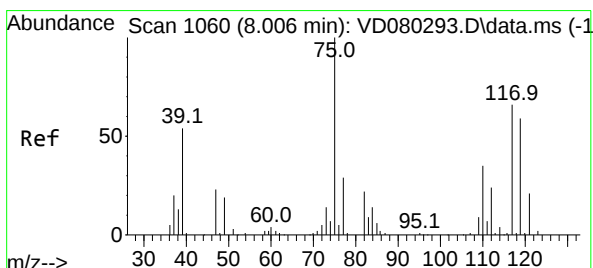
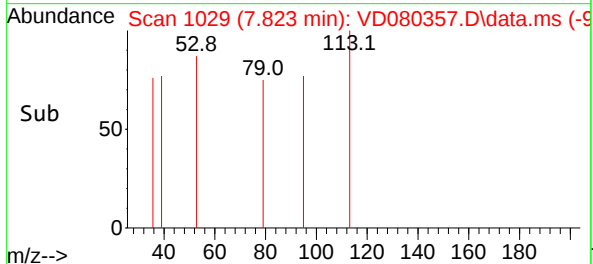
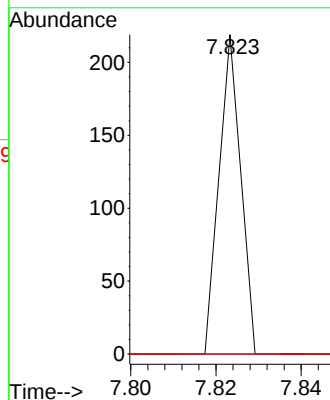
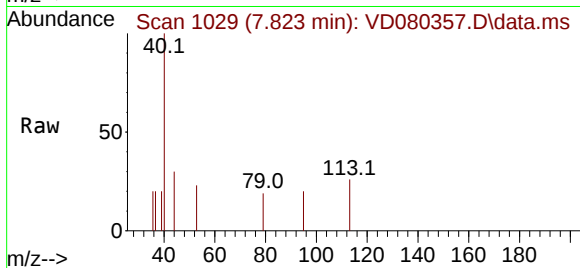
Tgt Ion:113 Resp: 77

Ion Ratio Lower Upper

113 100

111 0.0 82.5 123.7#

192 0.0 16.6 25.0#



#36

1,1-Dichloropropene

Concen: 9.190 ug/l

RT: 7.853 min Scan# 1034

Delta R.T. -0.152 min

Lab File: VD080357.D

Acq: 15 May 2025 19:02

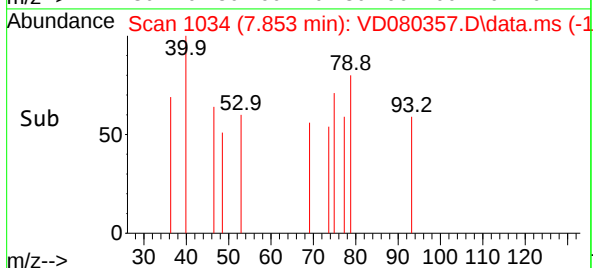
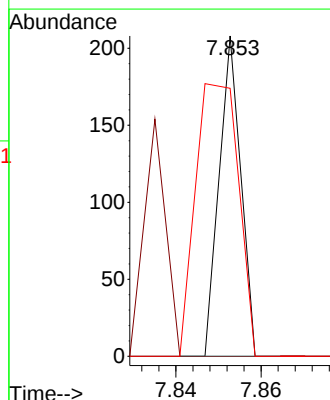
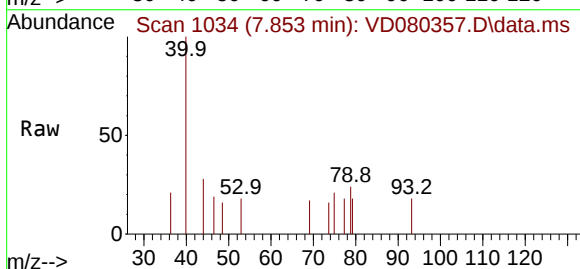
Tgt Ion: 75 Resp: 73

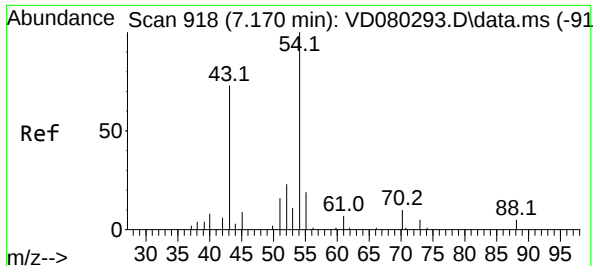
Ion Ratio Lower Upper

75 100

110 74.0 18.4 55.0#

77 169.9 25.6 38.4#

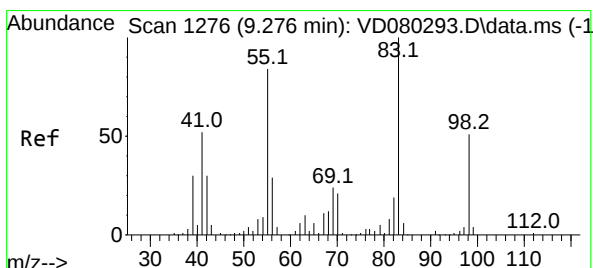
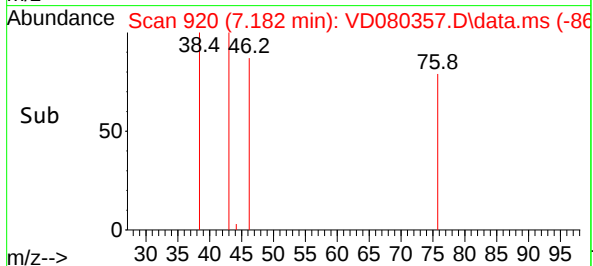
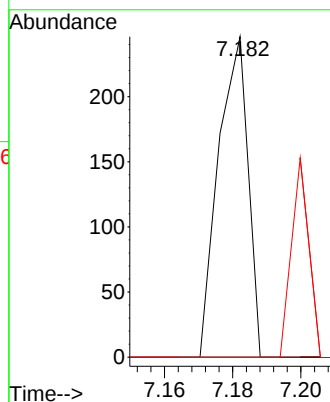
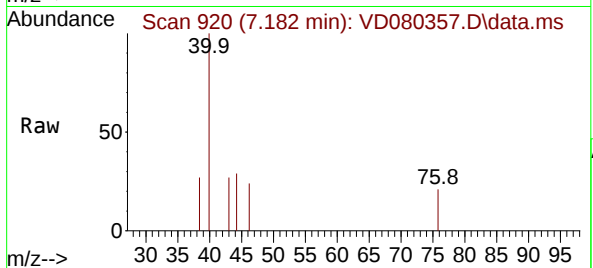




#37
Ethyl Acetate
Concen: 35.631 ug/l
RT: 7.182 min Scan# 91
Delta R.T. 0.013 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

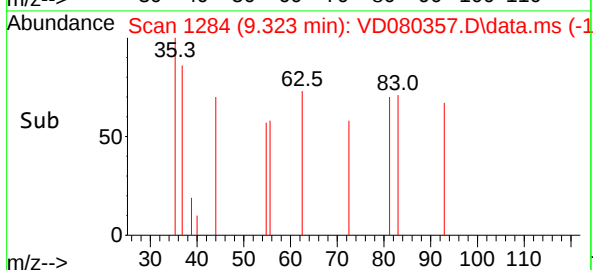
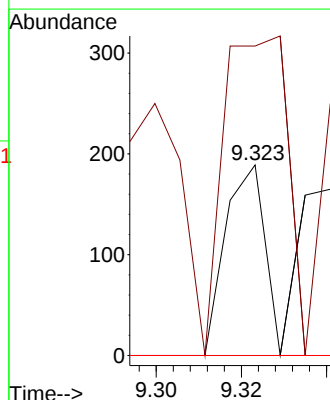
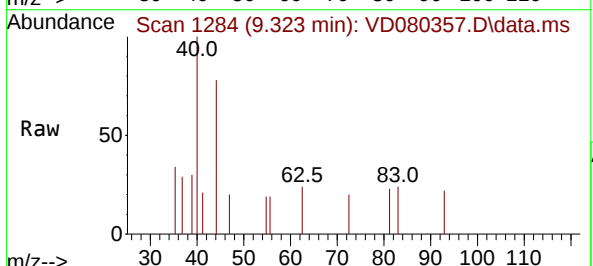
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

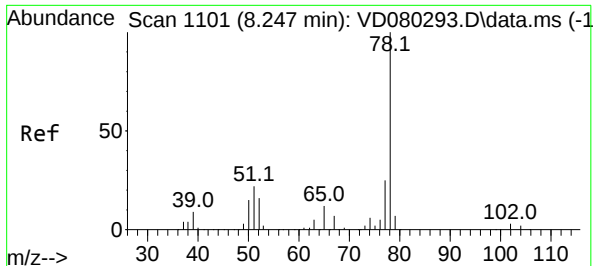
Tgt Ion: 43 Resp: 148
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.4#
70 36.5 9.4 14.2#



#39
Methylcyclohexane
Concen: 13.127 ug/l
RT: 9.323 min Scan# 1284
Delta R.T. 0.048 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion: 83 Resp: 121
Ion Ratio Lower Upper
83 100
55 59.8 62.0 93.0#
98 0.0 38.7 58.1#

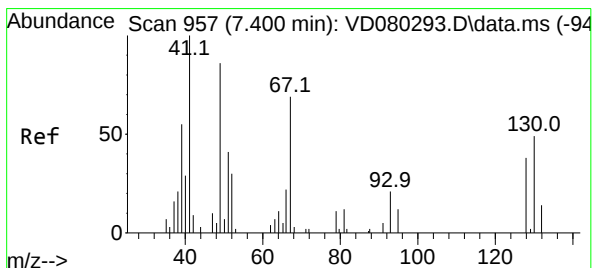
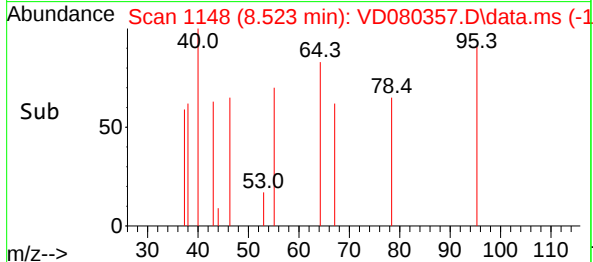
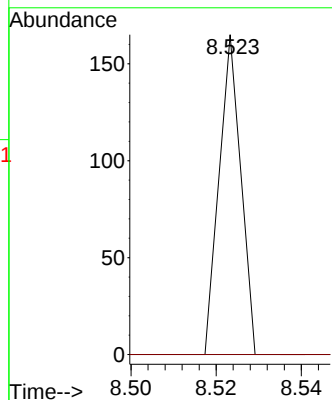
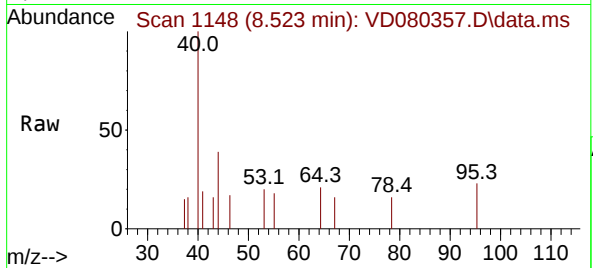




#40
Benzene
Concen: 2.330 ug/l
RT: 8.523 min Scan# 1148
Delta R.T. 0.271 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

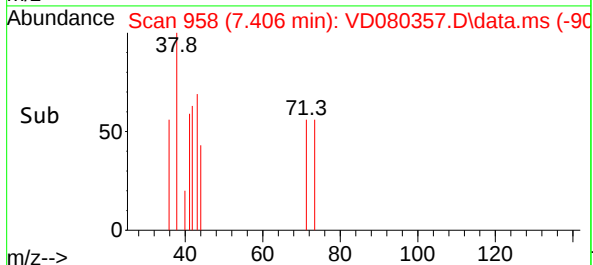
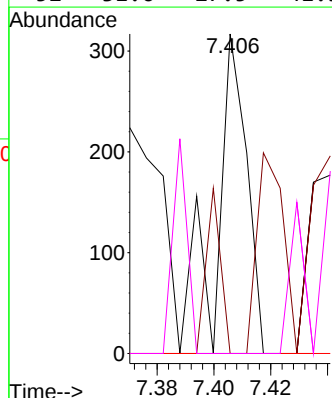
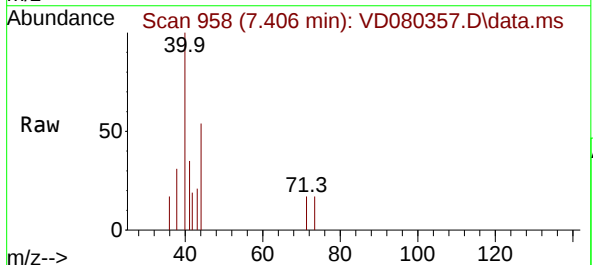
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

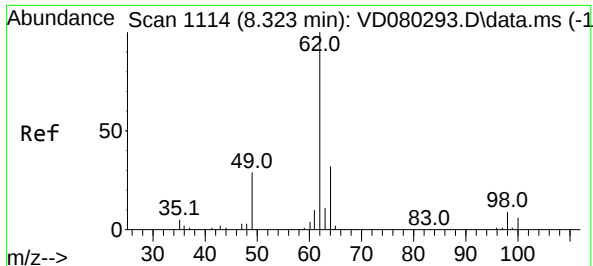
Tgt Ion: 78 Resp: 58
Ion Ratio Lower Upper
78 100
77 0.0 20.2 30.4#



#41
Methacrylonitrile
Concen: 103.105 ug/l
RT: 7.406 min Scan# 958
Delta R.T. 0.007 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion: 41 Resp: 237
Ion Ratio Lower Upper
41 100
39 24.5 47.8 71.8#
67 0.0 64.9 97.3#
52 31.6 27.5 41.3





#42

1,2-Dichloroethane

Concen: 10.538 ug/l

RT: 8.341 min Scan# 1117

Delta R.T. 0.013 min

Lab File: VD080357.D

Acq: 15 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

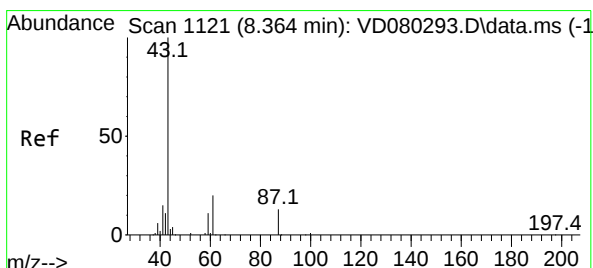
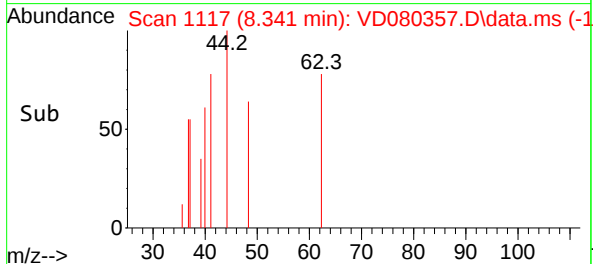
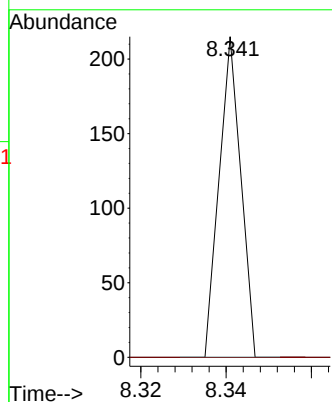
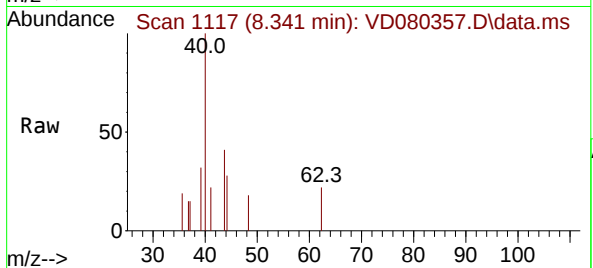
VIBLK

Tgt Ion: 62 Resp: 76

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 46.335 ug/l

RT: 8.364 min Scan# 1121

Delta R.T. 0.006 min

Lab File: VD080357.D

Acq: 15 May 2025 19:02

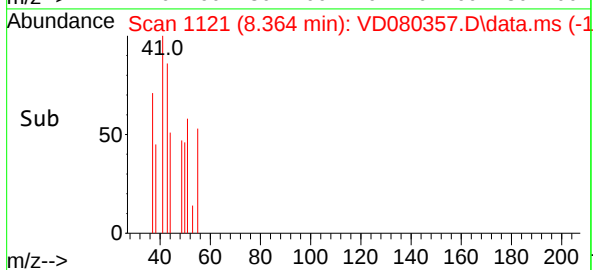
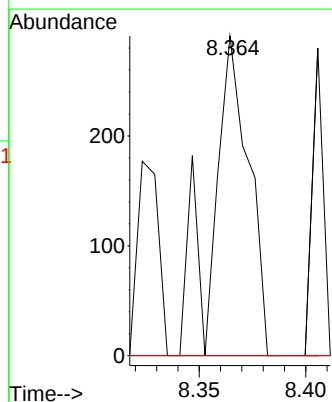
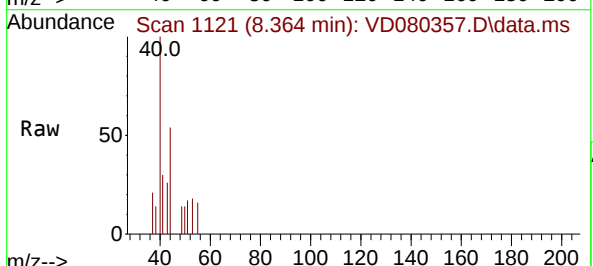
Tgt Ion: 43 Resp: 349

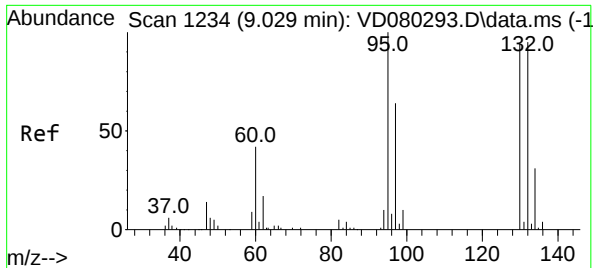
Ion Ratio Lower Upper

43 100

61 0.0 26.2 39.2#

87 0.0 11.8 17.8#

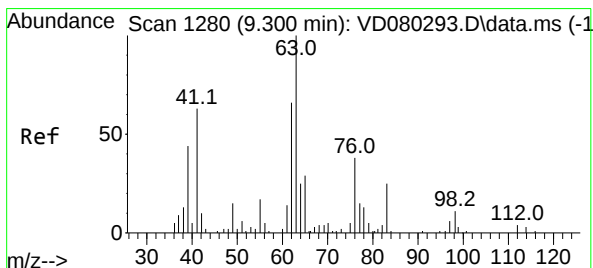
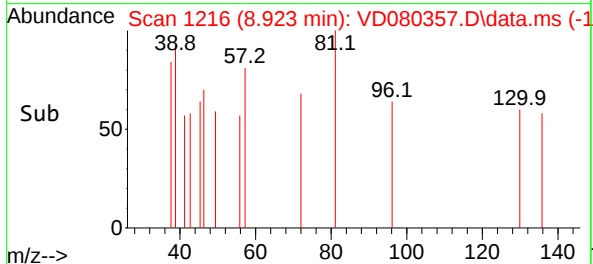
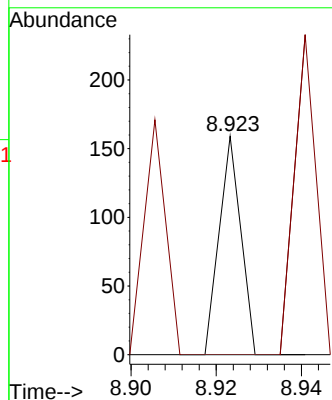
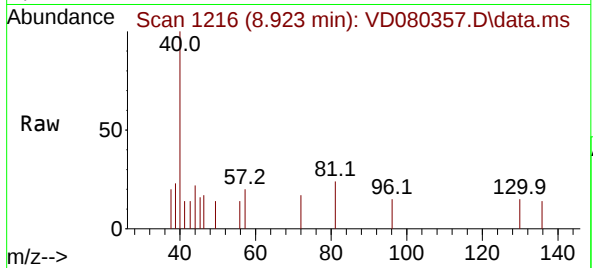




#44
 Trichloroethene
 Concen: 9.693 ug/l
 RT: 8.923 min Scan# 11
 Delta R.T. -0.105 min
 Lab File: VD080357.D
 Acq: 15 May 2025 19:02

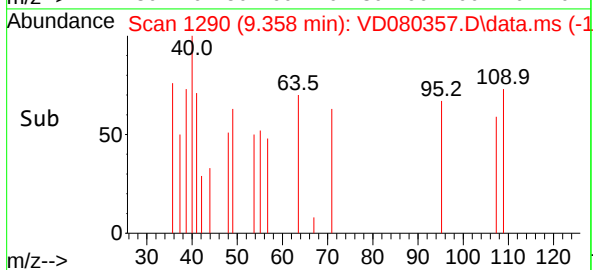
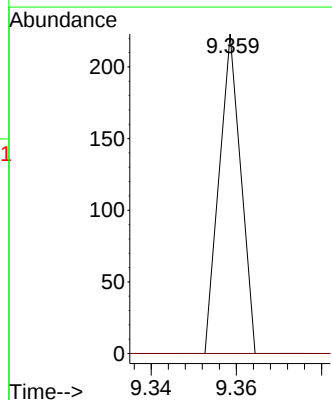
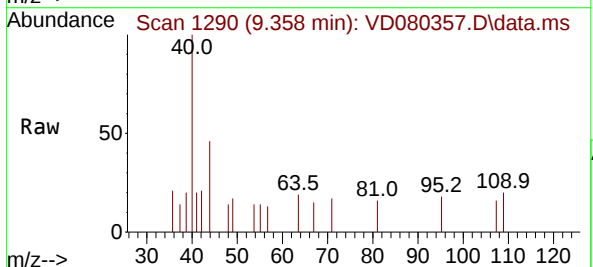
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

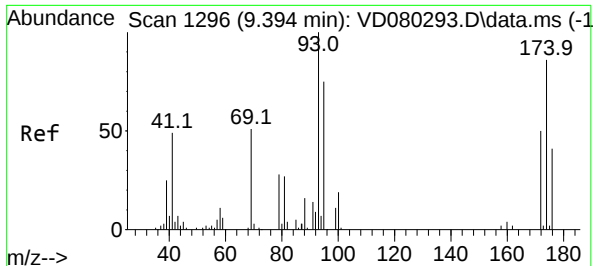
Tgt Ion:130 Resp: 56
 Ion Ratio Lower Upper
 130 100
 95 0.0 0.0 194.6



#45
 1,2-Dichloropropane
 Concen: 12.376 ug/l
 RT: 9.358 min Scan# 1290
 Delta R.T. 0.053 min
 Lab File: VD080357.D
 Acq: 15 May 2025 19:02

Tgt Ion: 63 Resp: 79
 Ion Ratio Lower Upper
 63 100
 65 0.0 26.2 39.4#

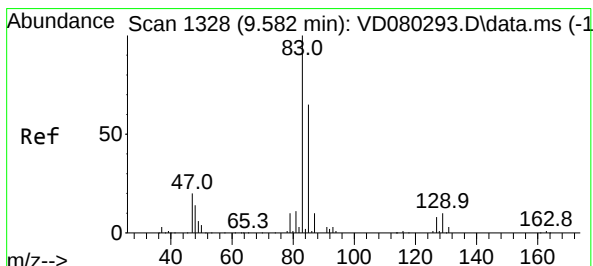
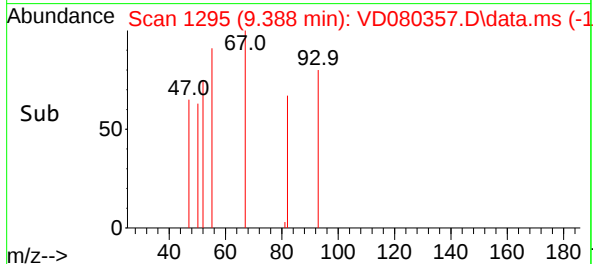
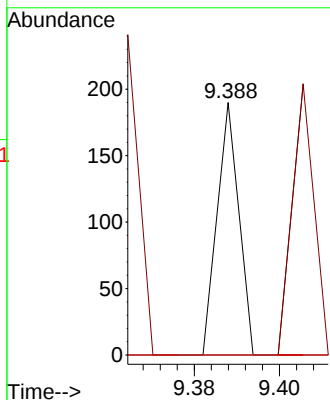
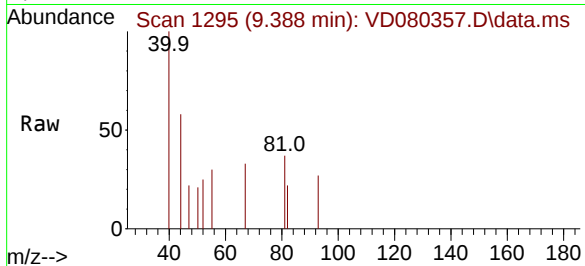




#46
Dibromomethane
Concen: 19.278 ug/l
RT: 9.388 min Scan# 1295
Delta R.T. -0.005 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

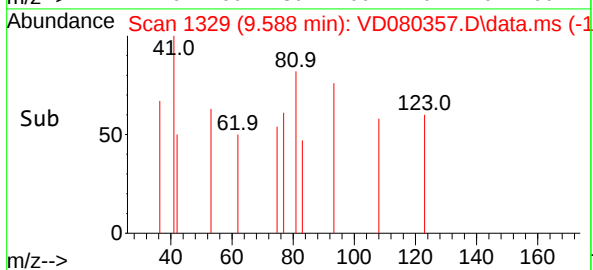
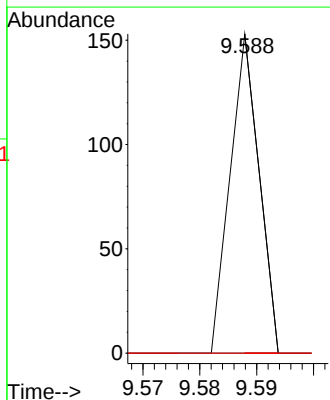
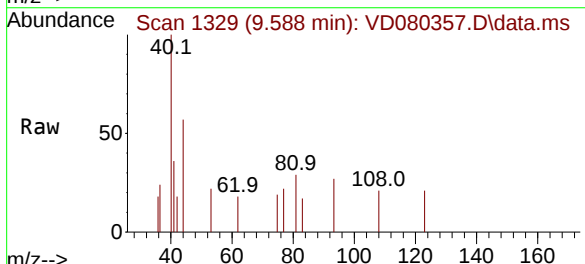
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

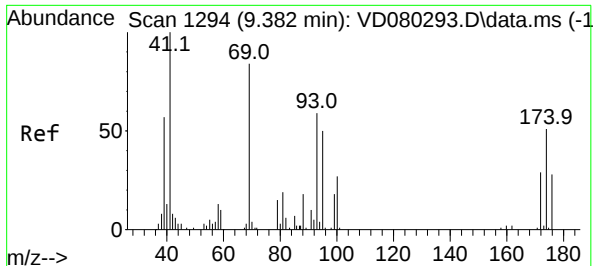
Tgt Ion: 93 Resp: 67
Ion Ratio Lower Upper
93 100
95 107.5 67.9 101.9#
174 0.0 80.5 120.7#



#47
Bromodichloromethane
Concen: 6.122 ug/l
RT: 9.588 min Scan# 1329
Delta R.T. 0.001 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion: 83 Resp: 54
Ion Ratio Lower Upper
83 100
85 0.0 50.6 75.8#
127 0.0 6.1 9.1#





#48

Methyl methacrylate

Concen: 88.856 ug/l

RT: 9.411 min Scan# 1

Delta R.T. 0.030 min

Lab File: VD080357.D

Acq: 15 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

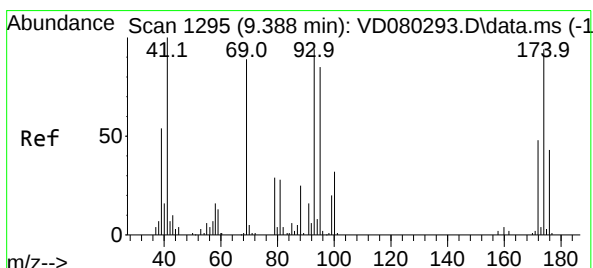
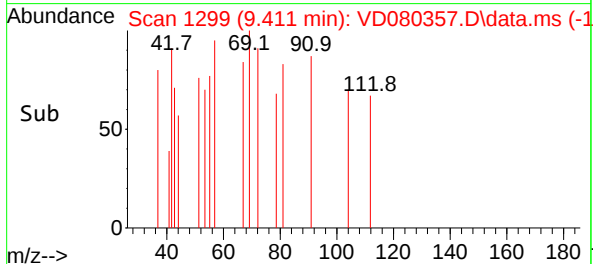
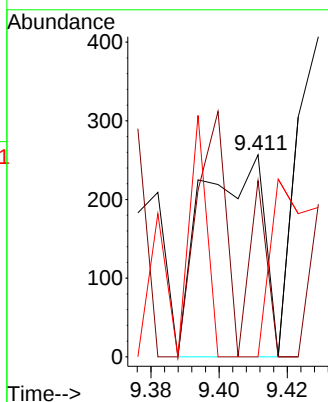
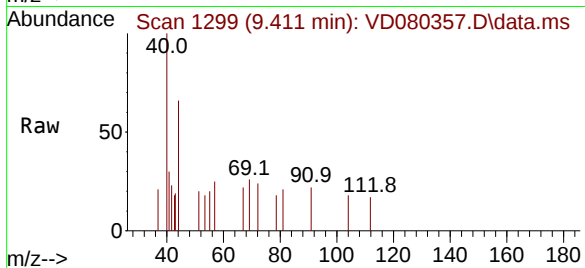
Tgt Ion: 41 Resp: 318

Ion Ratio Lower Upper

41 100

69 0.0 74.0 111.0#

39 66.4 41.9 62.9#



#49

1,4-Dioxane

Concen: 1427.902 ug/l

RT: 9.447 min Scan# 1305

Delta R.T. 0.060 min

Lab File: VD080357.D

Acq: 15 May 2025 19:02

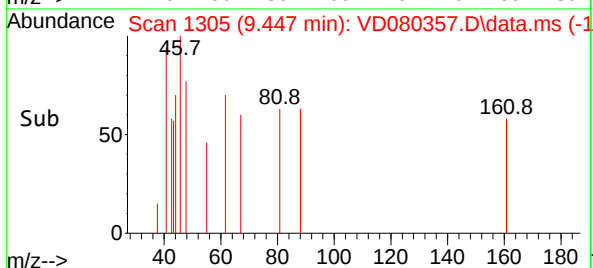
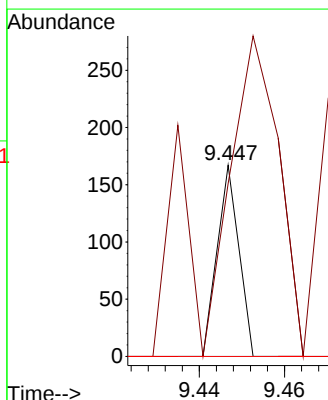
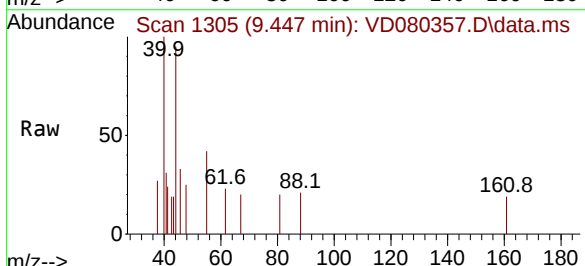
Tgt Ion: 88 Resp: 59

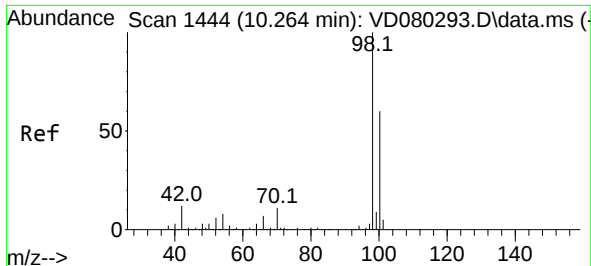
Ion Ratio Lower Upper

88 100

43 493.2 29.1 43.7#

58 0.0 59.9 89.9#

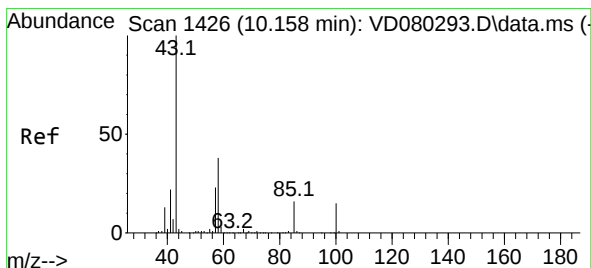
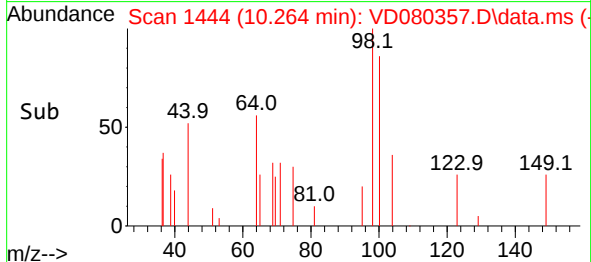
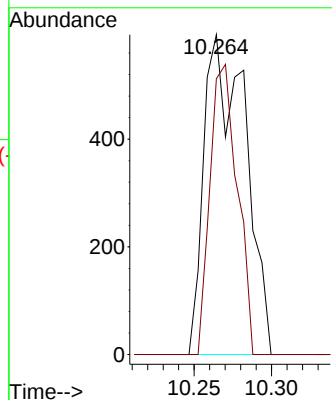
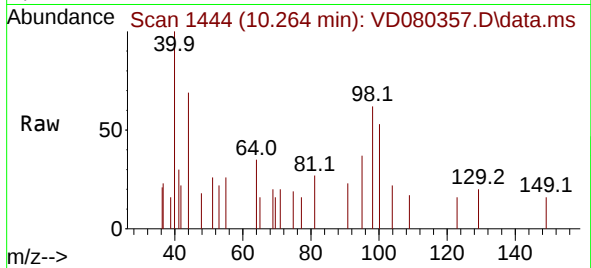




#50
Toluene-d8
Concen: 52.479 ug/l
RT: 10.264 min Scan# 1444
Delta R.T. -0.005 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

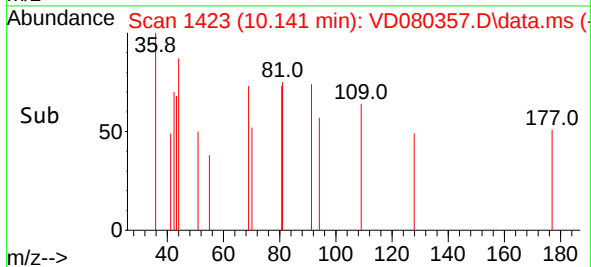
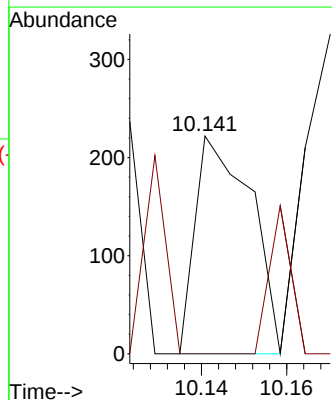
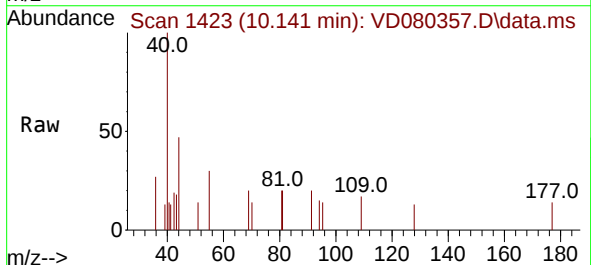
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

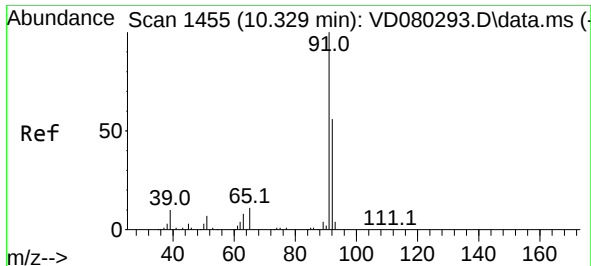
Tgt Ion: 98 Resp: 1099
Ion Ratio Lower Upper
98 100
100 59.9 50.2 75.4



#51
4-Methyl-2-Pentanone
Concen: 51.792 ug/l
RT: 10.141 min Scan# 1423
Delta R.T. -0.016 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion: 43 Resp: 201
Ion Ratio Lower Upper
43 100
58 35.3 32.8 49.2

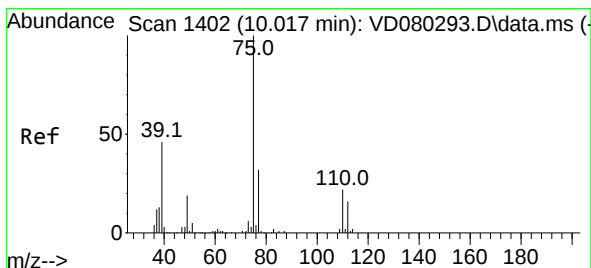
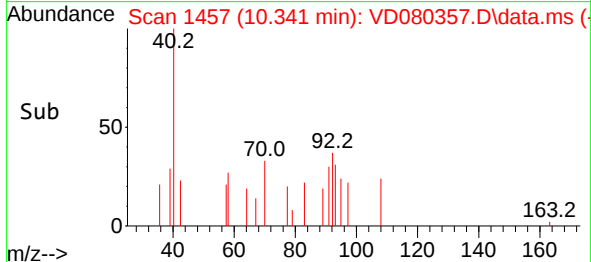
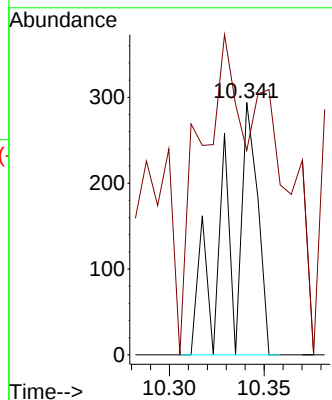
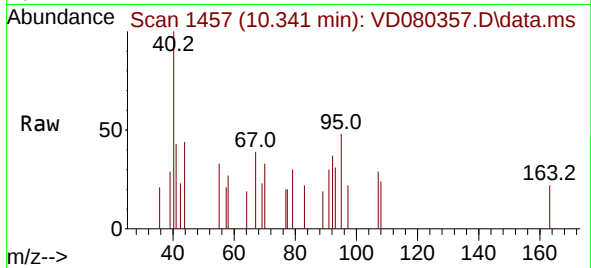




#52
Toluene
Concen: 21.141 ug/l
RT: 10.341 min Scan# 1455
Delta R.T. 0.007 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

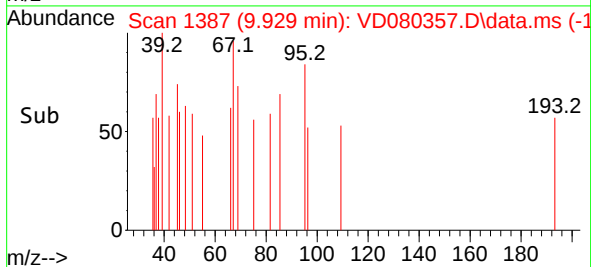
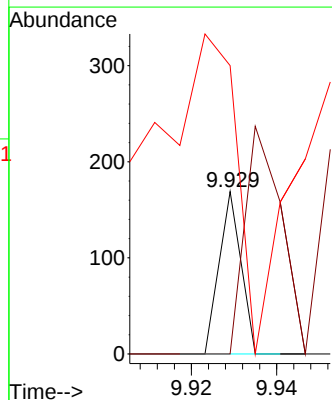
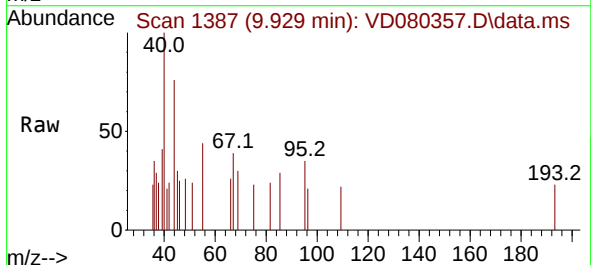
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

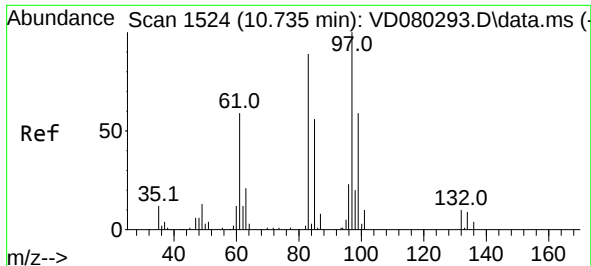
Tgt Ion: 92 Resp: 317
Ion Ratio Lower Upper
92 100
91 184.9 139.3 208.9



#54
cis-1,3-Dichloropropene
Concen: 6.439 ug/l
RT: 9.929 min Scan# 1387
Delta R.T. -0.087 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion: 75 Resp: 60
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 84.0 33.2 49.8#

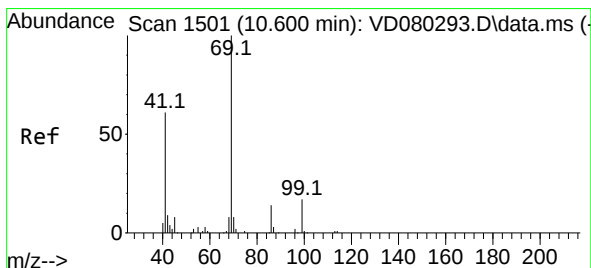
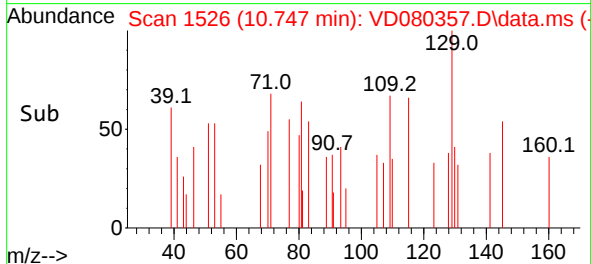
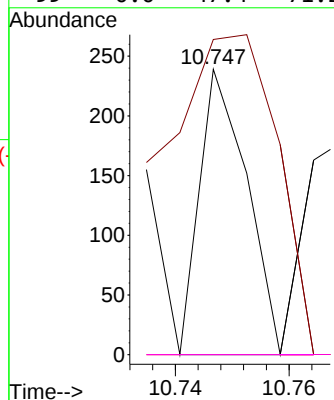
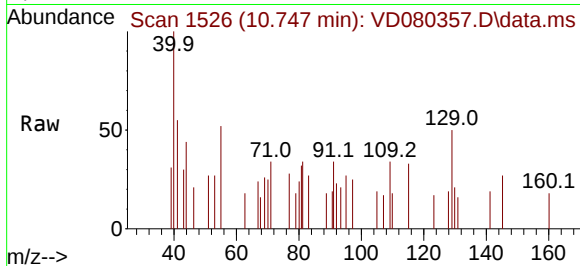




#55
1,1,2-Trichloroethane
Concen: 30.019 ug/l
RT: 10.747 min Scan# 1524
Delta R.T. 0.013 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

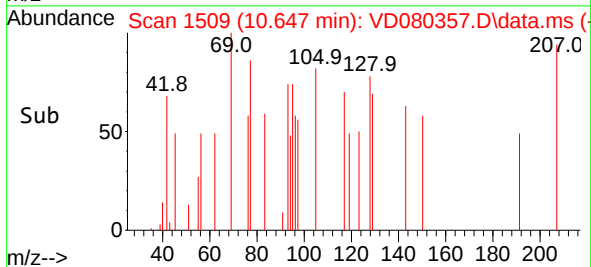
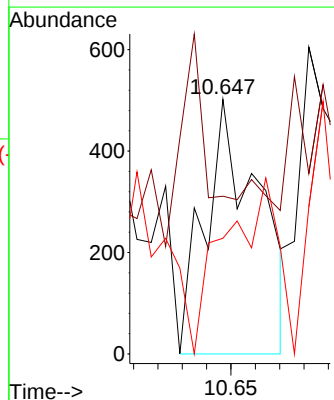
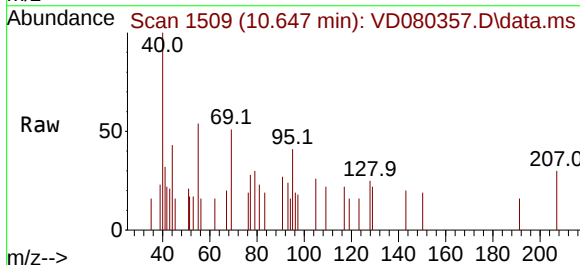
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

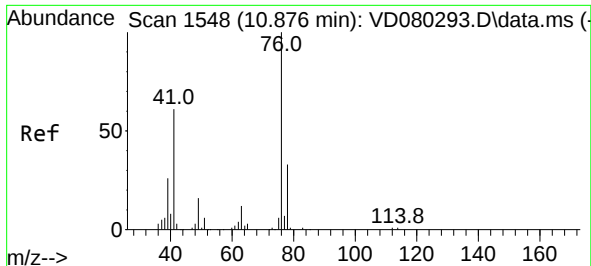
Tgt Ion: 97	Resp: 138
Ion Ratio	Lower Upper
97 100	
83 36.8	69.2 103.8#
85 0.0	43.0 64.6#
99 0.0	47.4 71.2#



#56
Ethyl methacrylate
Concen: 137.330 ug/l
RT: 10.647 min Scan# 1509
Delta R.T. 0.048 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion: 69	Resp: 765
Ion Ratio	Lower Upper
69 100	
41 31.6	50.4 75.6#
39 0.0	26.0 39.0#





#57

1,3-Dichloropropane

Concen: 7.068 ug/l

RT: 10.876 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD080357.D

Acq: 15 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

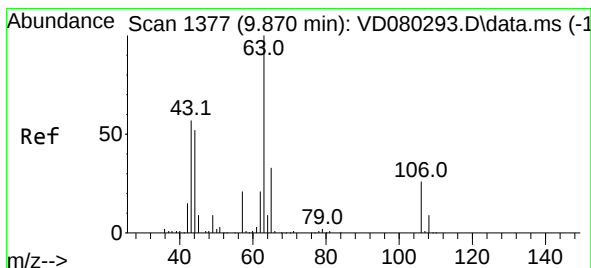
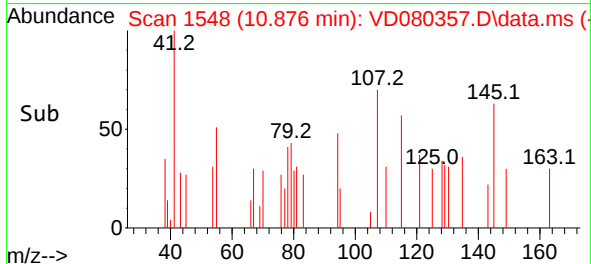
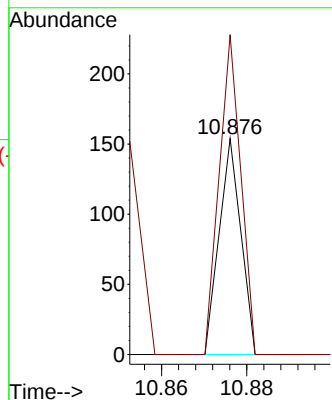
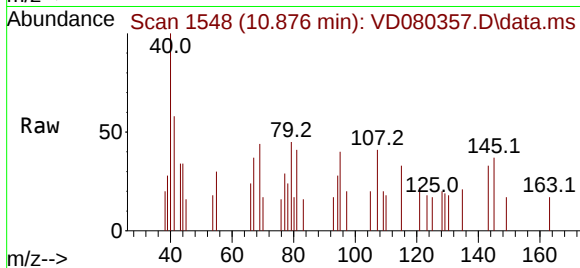
VIBLK

Tgt Ion: 76 Resp: 54

Ion Ratio Lower Upper

76 100

78 148.1 25.4 38.2#



#58

2-Chloroethyl Vinyl ether

Concen: 64.043 ug/l

RT: 9.888 min Scan# 1380

Delta R.T. 0.019 min

Lab File: VD080357.D

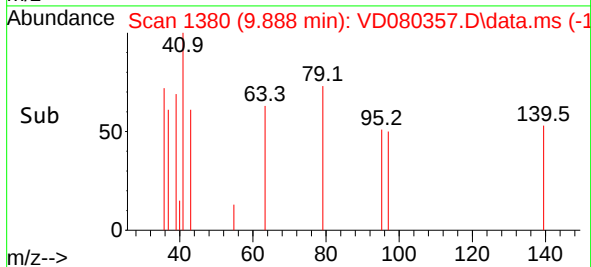
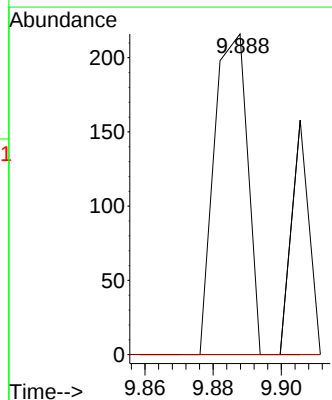
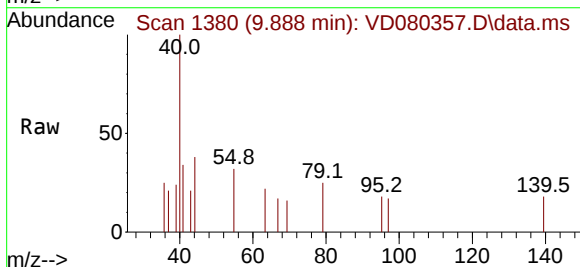
Acq: 15 May 2025 19:02

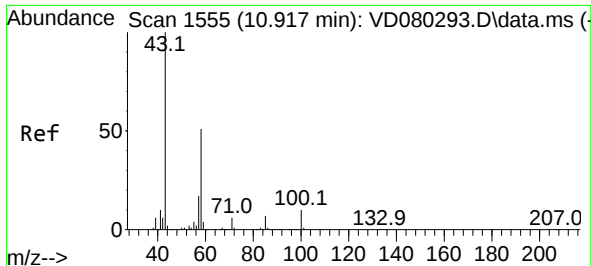
Tgt Ion: 63 Resp: 146

Ion Ratio Lower Upper

63 100

106 0.0 21.8 32.6#

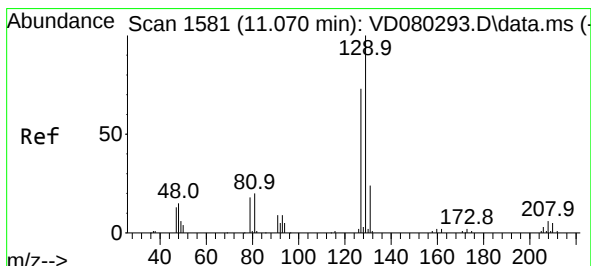
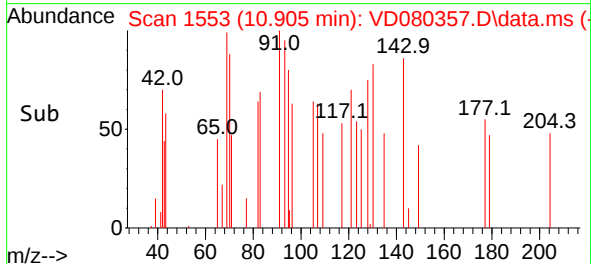
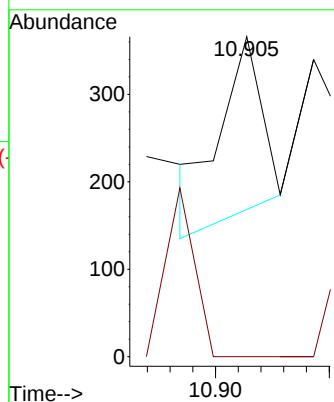
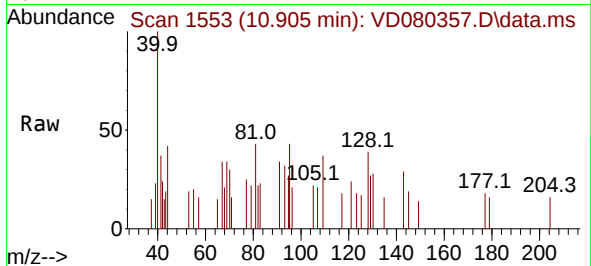




#59
2-Hexanone
Concen: 38.956 ug/l
RT: 10.905 min Scan# 1553
Delta R.T. -0.011 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

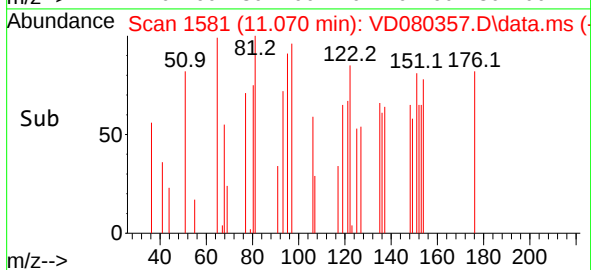
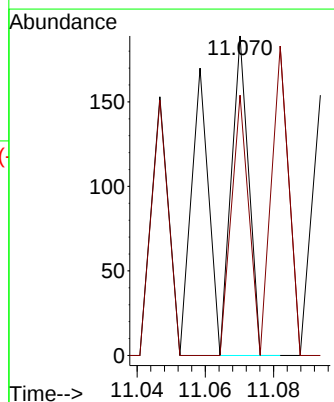
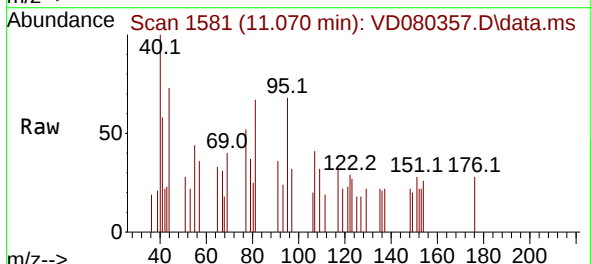
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

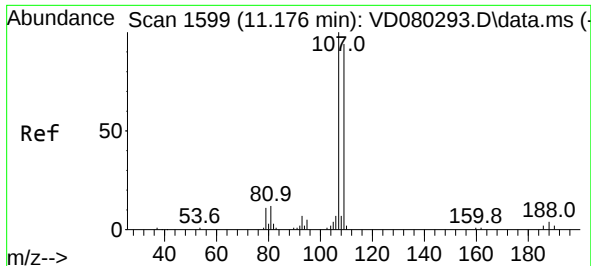
Tgt Ion: 43 Resp: 104
Ion Ratio Lower Upper
43 100
58 65.4 27.8 83.4



#60
Dibromochloromethane
Concen: 22.044 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.005 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion: 129 Resp: 127
Ion Ratio Lower Upper
129 100
127 42.5 38.4 115.2

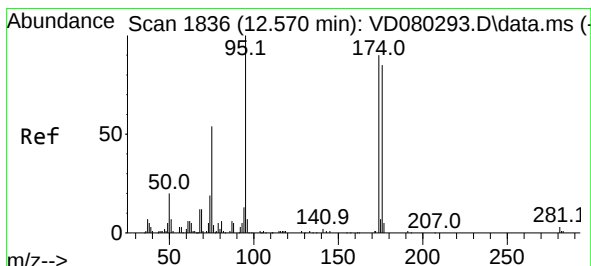
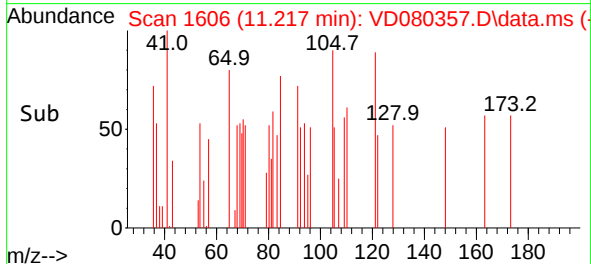
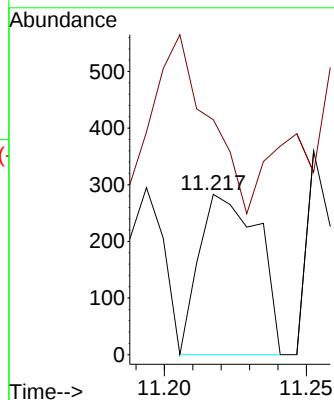
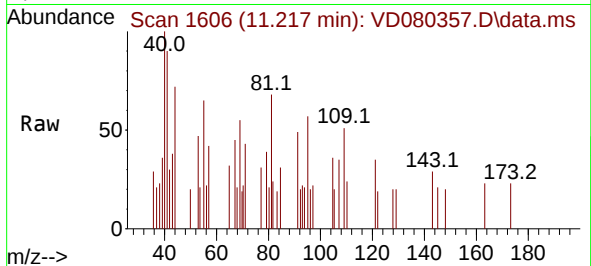




#61
1,2-Dibromoethane
Concen: 96.650 ug/l
RT: 11.217 min Scan# 1606
Delta R.T. 0.036 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

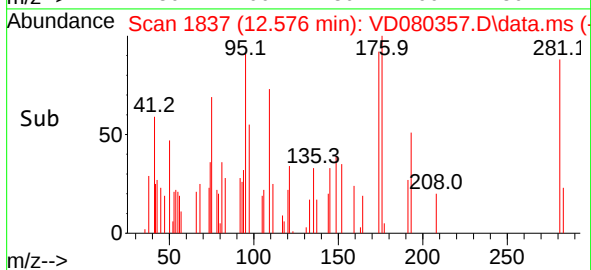
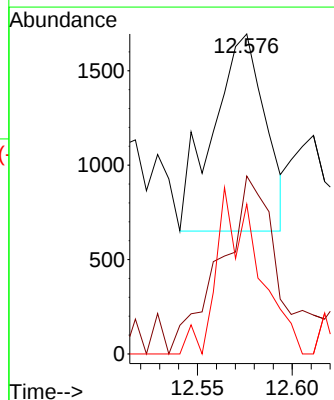
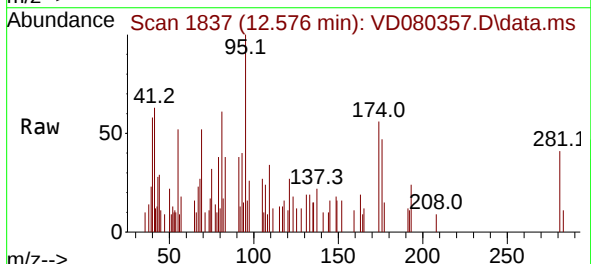
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

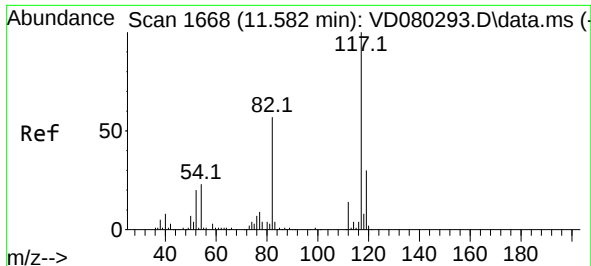
Tgt Ion:107 Resp: 412
Ion Ratio Lower Upper
107 100
109 100.7 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 298.738 ug/l
RT: 12.576 min Scan# 1837
Delta R.T. 0.007 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion: 95 Resp: 2008
Ion Ratio Lower Upper
95 100
174 106.6 0.0 173.4
176 66.8 0.0 166.6

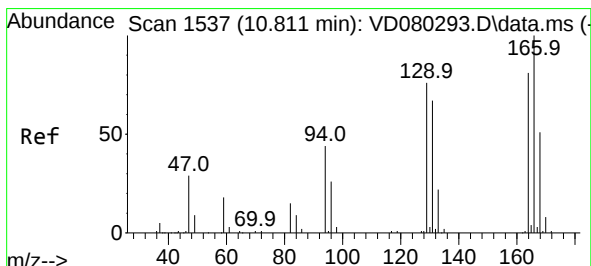
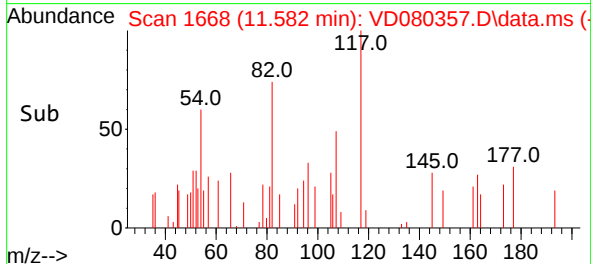
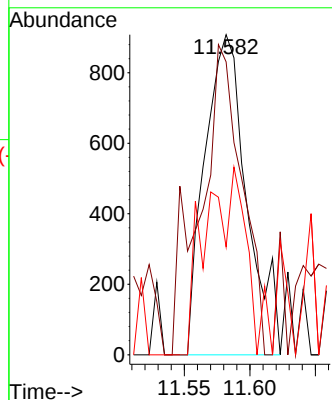
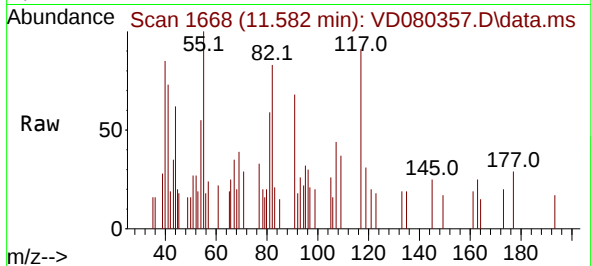




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

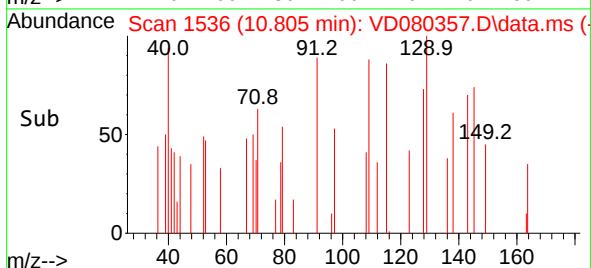
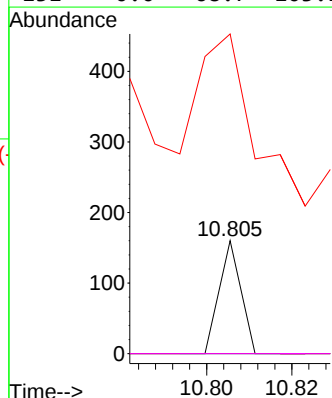
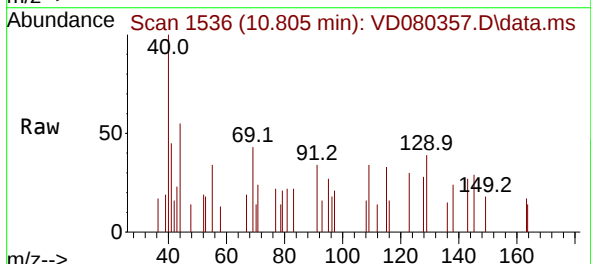
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

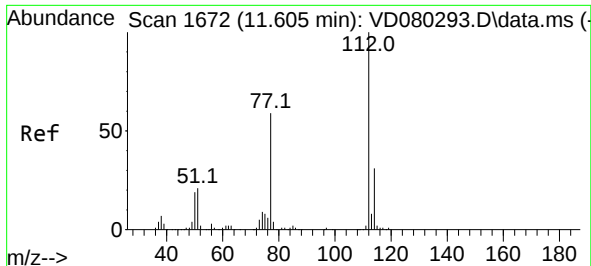
Tgt Ion:	117	Resp:	2027
Ion	Ratio	Lower	Upper
117	100		
82	53.1	45.8	68.6
119	33.7	26.2	39.2



#64
Tetrachloroethene
Concen: 4.080 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.005 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion:	164	Resp:	56
Ion	Ratio	Lower	Upper
164	100		
166	0.0	97.5	146.3#
129	106.9	70.6	106.0#
131	0.0	68.7	103.1#

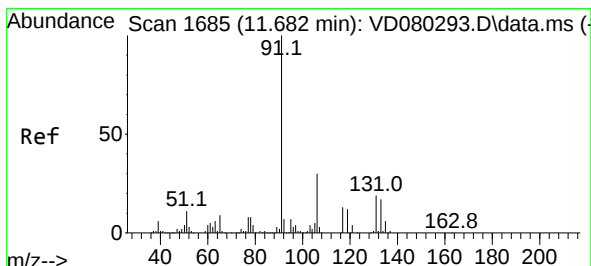
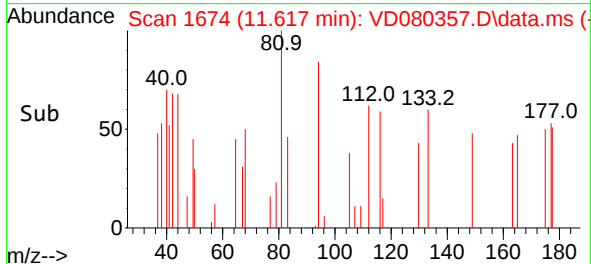
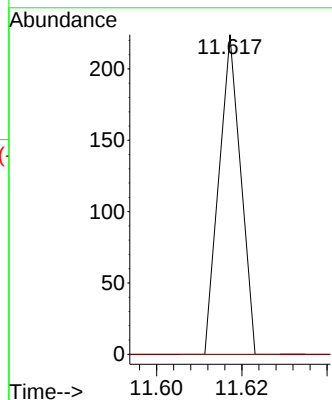
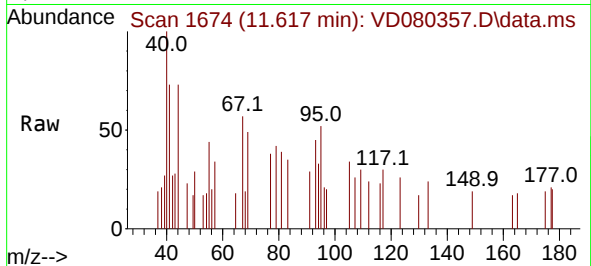




#65
Chlorobenzene
Concen: 1.726 ug/l
RT: 11.617 min Scan# 1710
Delta R.T. 0.013 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

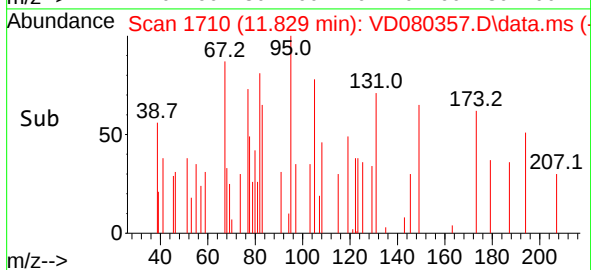
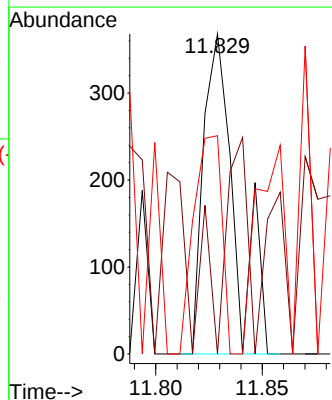
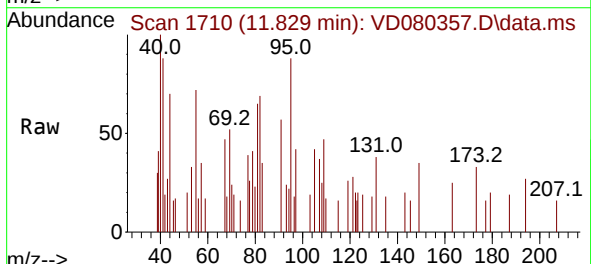
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

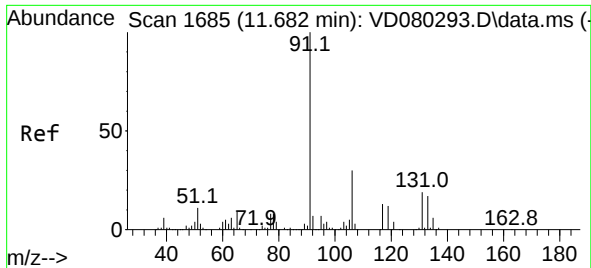
Tgt Ion:112 Resp: 79
Ion Ratio Lower Upper
112 100
114 0.0 24.6 37.0#



#66
1,1,1,2-Tetrachloroethane
Concen: 24.039 ug/l
RT: 11.829 min Scan# 1710
Delta R.T. 0.148 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion:131 Resp: 378
Ion Ratio Lower Upper
131 100
133 58.7 48.8 146.4
119 60.8 34.8 104.3

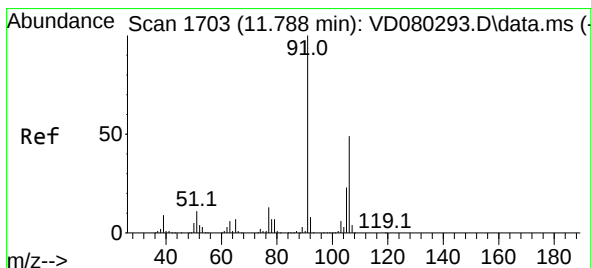
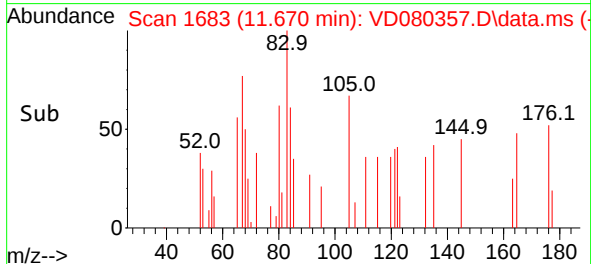
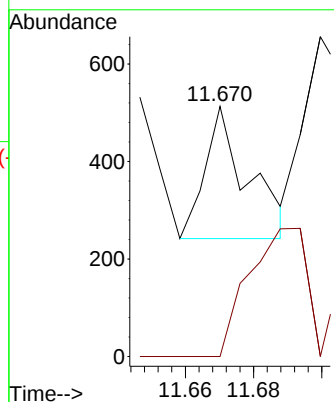
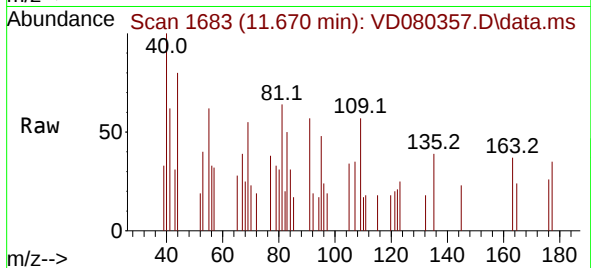




#67
Ethyl Benzene
Concen: 3.086 ug/l
RT: 11.670 min Scan# 1102
Delta R.T. -0.011 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

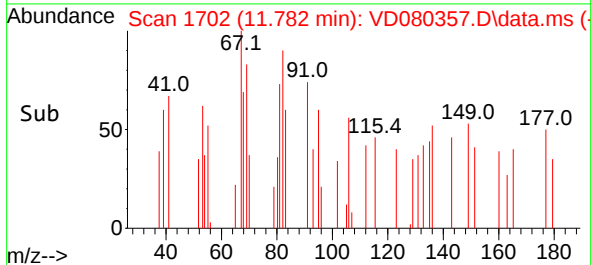
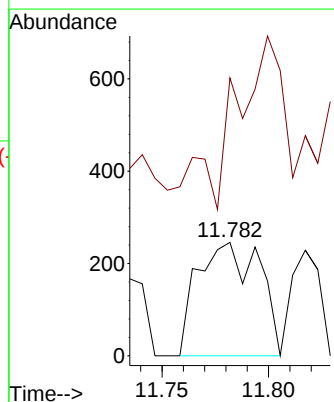
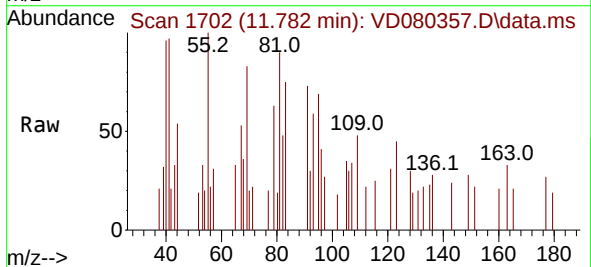
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

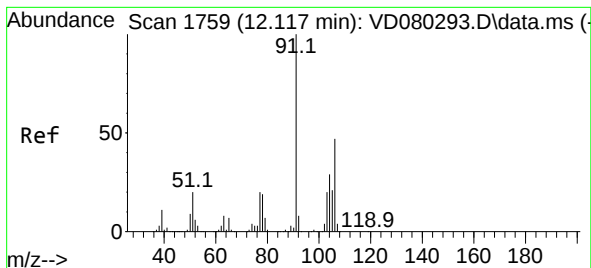
Tgt Ion: 91 Resp: 236
Ion Ratio Lower Upper
91 100
106 0.0 23.6 35.4#



#68
m/p-Xylenes
Concen: 16.668 ug/l
RT: 11.782 min Scan# 1702
Delta R.T. -0.011 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion: 106 Resp: 495
Ion Ratio Lower Upper
106 100
91 0.0 162.6 244.0#





#69

o-Xylene

Concen: 5.011 ug/l

RT: 12.052 min Scan# 1748

Delta R.T. -0.064 min

Lab File: VD080357.D

Acq: 15 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

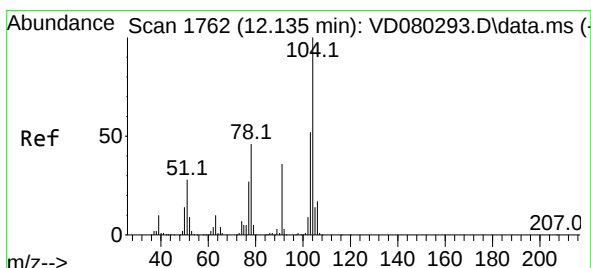
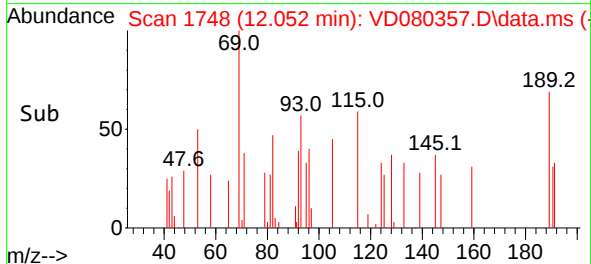
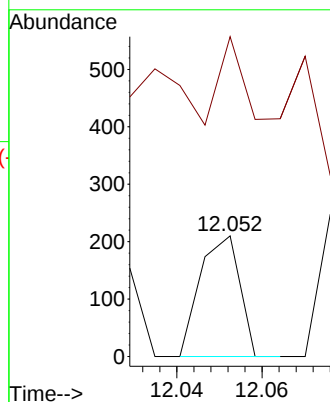
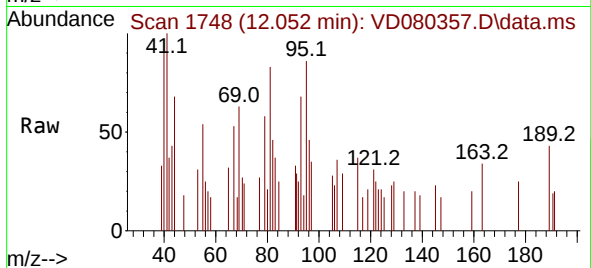
VIBLK

Tgt Ion:106 Resp: 136

Ion Ratio Lower Upper

106 100

91 189.7 110.5 331.5



#70

Styrene

Concen: 7.100 ug/l

RT: 12.135 min Scan# 1762

Delta R.T. 0.001 min

Lab File: VD080357.D

Acq: 15 May 2025 19:02

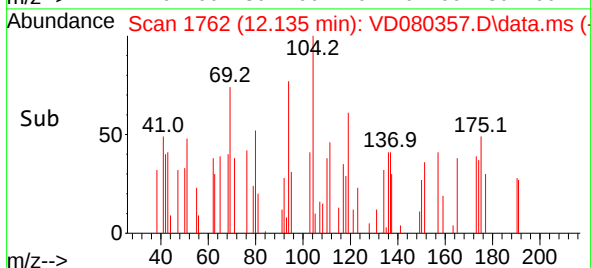
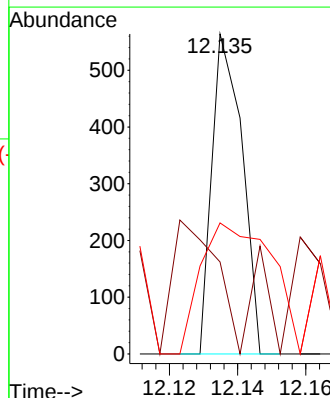
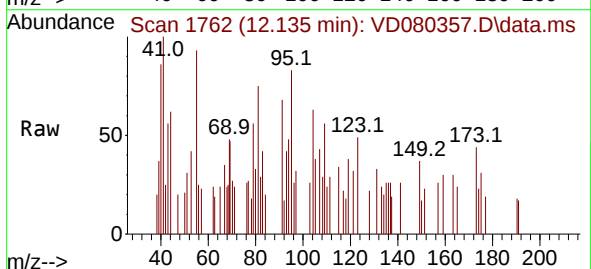
Tgt Ion:104 Resp: 346

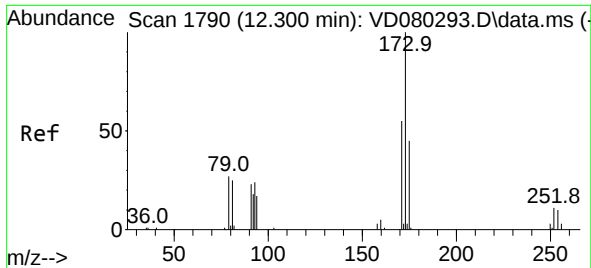
Ion Ratio Lower Upper

104 100

78 61.0 39.8 59.8#

103 114.5 45.2 67.8#

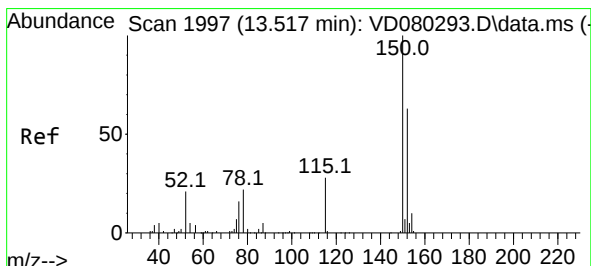
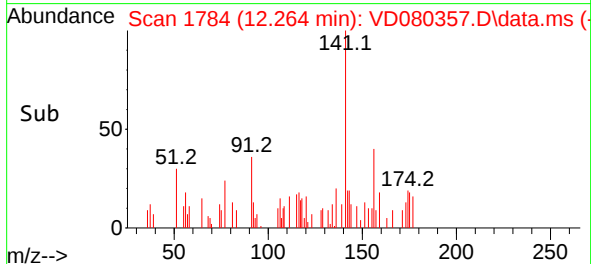
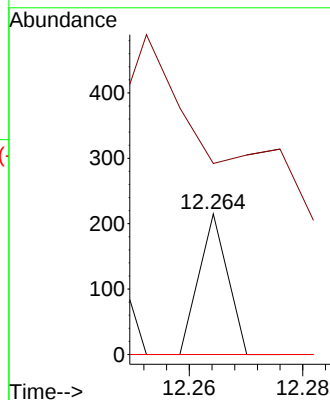
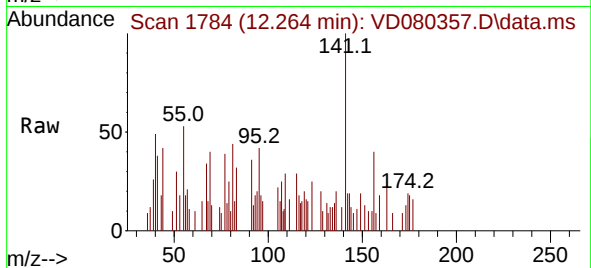




#71
Bromoform
Concen: 8.135 ug/l
RT: 12.264 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

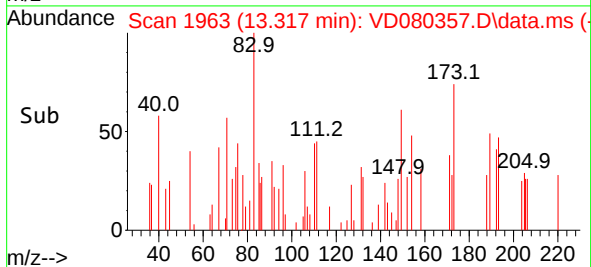
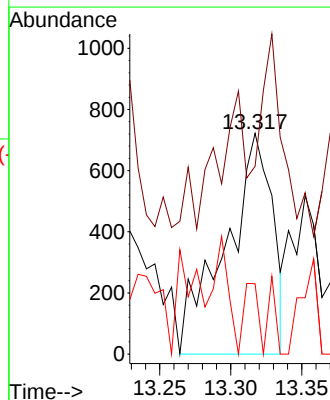
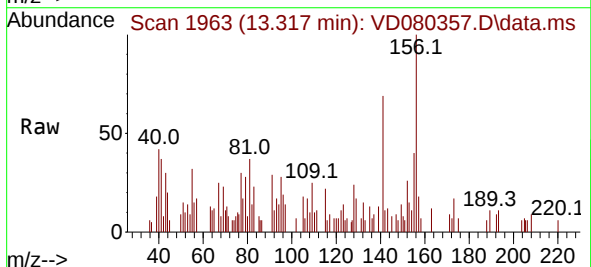
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

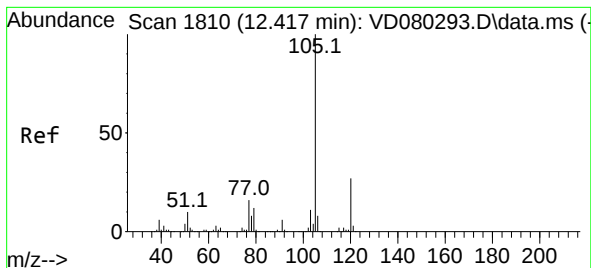
Tgt Ion:173 Resp: 76
Ion Ratio Lower Upper
173 100
175 0.0 24.8 74.3#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.317 min Scan# 1963
Delta R.T. -0.199 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion:152 Resp: 1668
Ion Ratio Lower Upper
152 100
115 48.0 28.9 86.8
150 15.1 0.0 354.8





#73

Isopropylbenzene

Concen: 1.433 ug/l

RT: 12.376 min Scan# 1803

Delta R.T. -0.046 min

Lab File: VD080357.D

Acq: 15 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

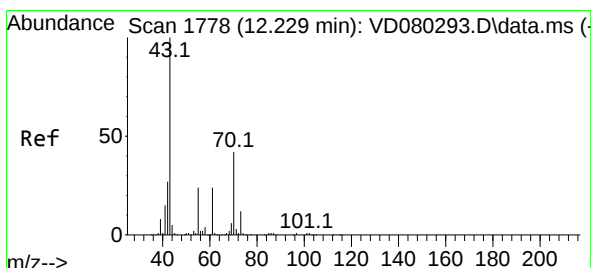
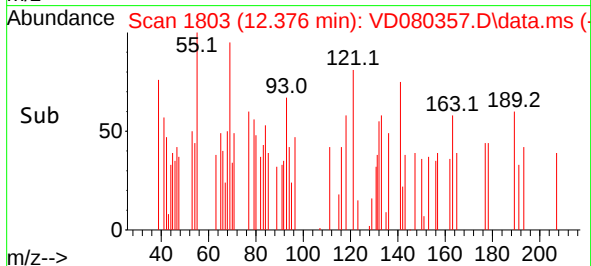
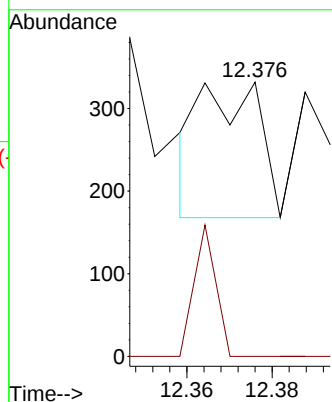
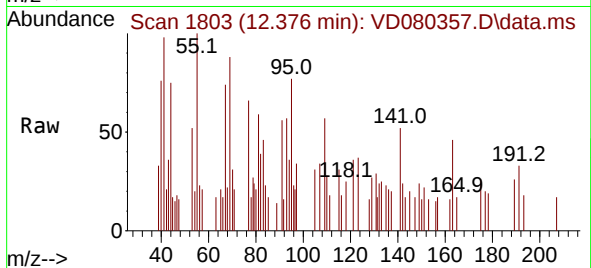
VIBLK

Tgt Ion:105 Resp: 155

Ion Ratio Lower Upper

105 100

120 36.1 13.3 39.9



#74

N-ethyl acetate

Concen: 3.510 ug/l

RT: 12.241 min Scan# 1780

Delta R.T. 0.007 min

Lab File: VD080357.D

Acq: 15 May 2025 19:02

Tgt Ion: 43 Resp: 109

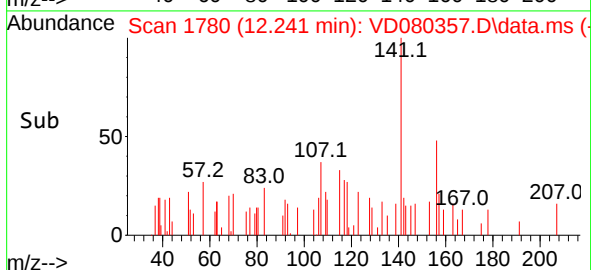
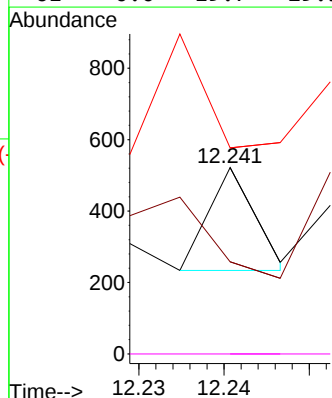
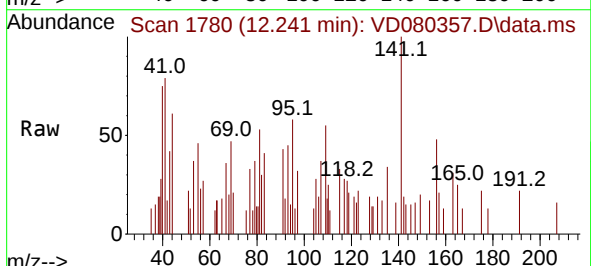
Ion Ratio Lower Upper

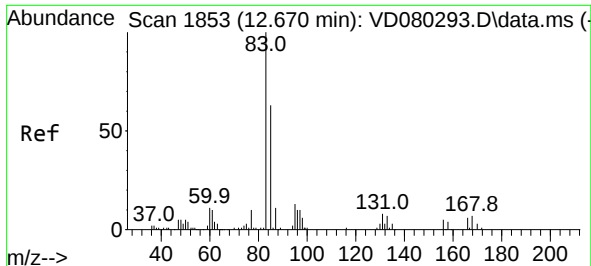
43 100

70 327.5 36.3 54.5#

55 0.0 20.3 30.5#

61 0.0 19.7 29.5#

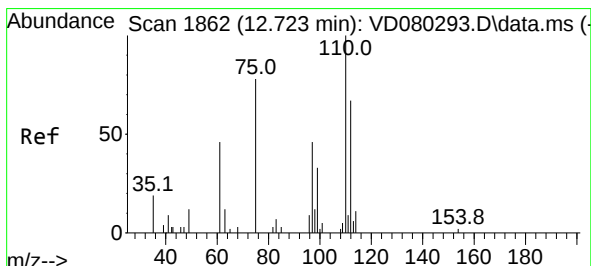
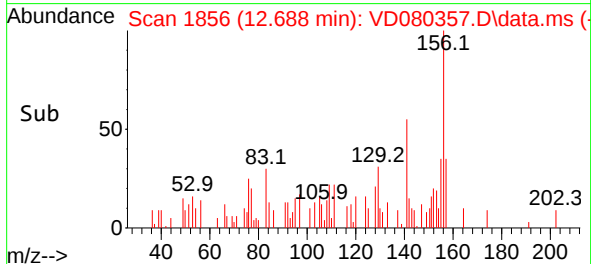
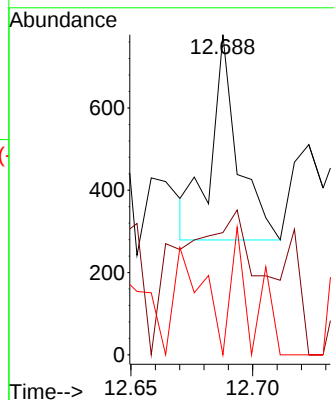
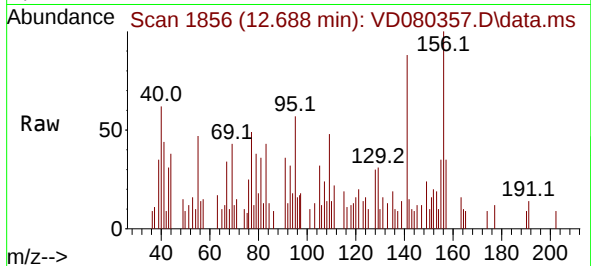




#75
 1,1,2,2-Tetrachloroethane
 Concen: 16.307 ug/l
 RT: 12.688 min Scan# 1856
 Delta R.T. 0.019 min
 Lab File: VD080357.D
 Acq: 15 May 2025 19:02

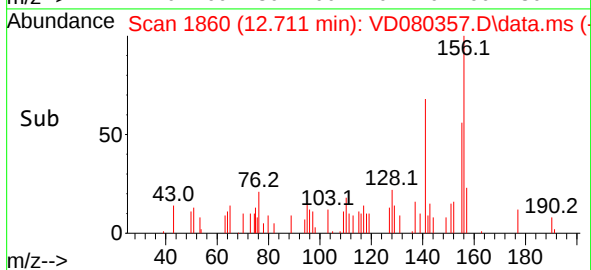
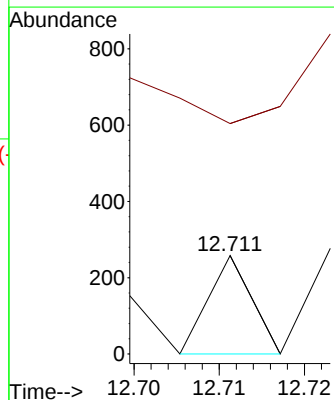
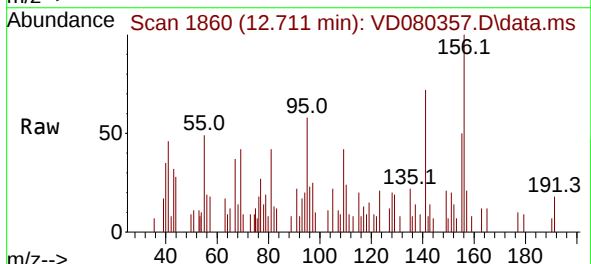
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

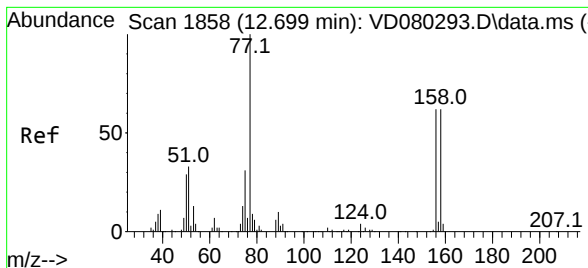
Tgt Ion: 83 Resp: 388
 Ion Ratio Lower Upper
 83 100
 131 237.6 5.1 15.3#
 85 47.7 32.9 98.6



#76
 1,2,3-Trichloropropane
 Concen: 5.653 ug/l
 RT: 12.711 min Scan# 1860
 Delta R.T. -0.011 min
 Lab File: VD080357.D
 Acq: 15 May 2025 19:02

Tgt Ion: 75 Resp: 91
 Ion Ratio Lower Upper
 75 100
 77 567.0 0.0 0.0#





#77

Bromobenzene

Concen: 365.175 ug/l

RT: 12.717 min Scan# 1861

Delta R.T. 0.018 min

Lab File: VD080357.D

Acq: 15 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

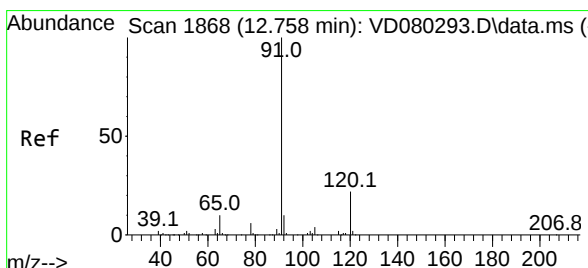
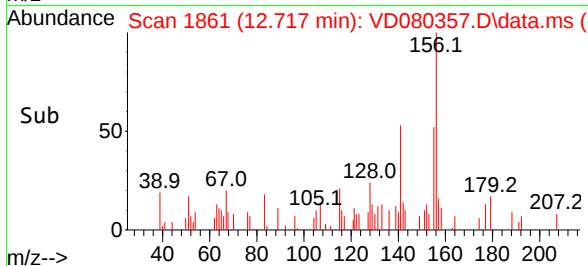
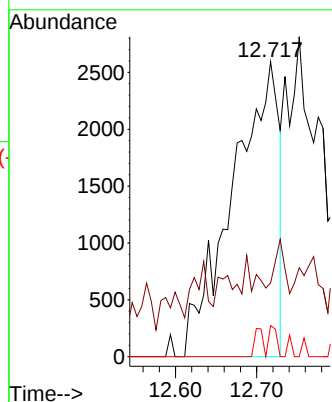
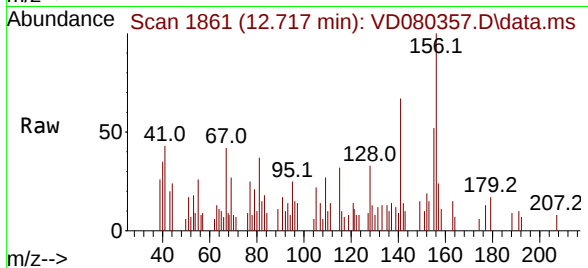
Tgt Ion:156 Resp: 10249

Ion Ratio Lower Upper

156 100

77 0.0 89.8 269.6#

158 1.8 47.9 143.8#



#78

n-propylbenzene

Concen: 5.811 ug/l

RT: 12.764 min Scan# 1869

Delta R.T. 0.001 min

Lab File: VD080357.D

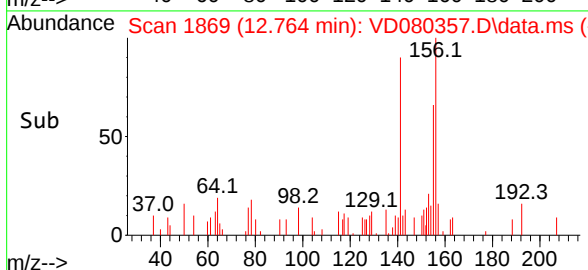
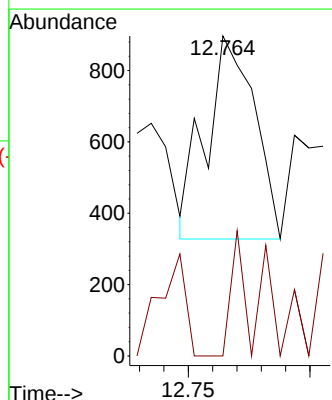
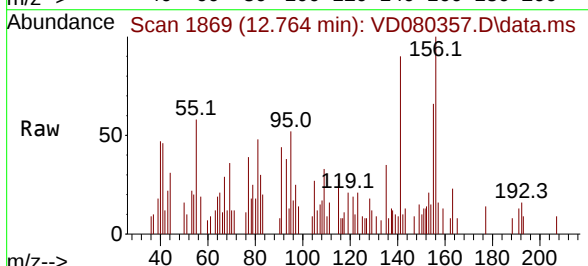
Acq: 15 May 2025 19:02

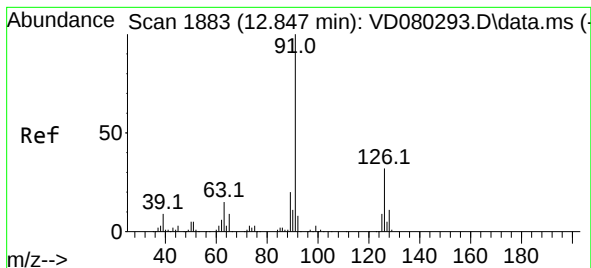
Tgt Ion: 91 Resp: 789

Ion Ratio Lower Upper

91 100

120 15.7 11.2 33.5





#79

2-Chlorotoluene

Concen: 6.812 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.152 min

Lab File: VD080357.D

Acq: 15 May 2025 19:02

Instrument :

MSVOA_D

ClientSampleId :

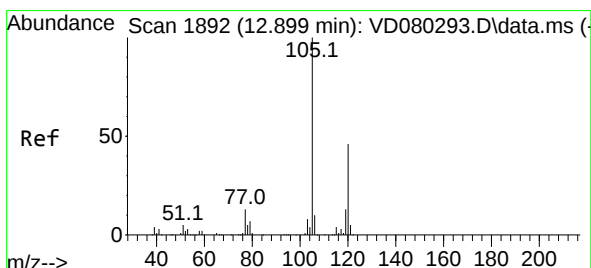
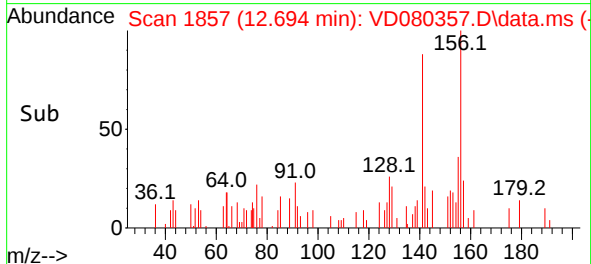
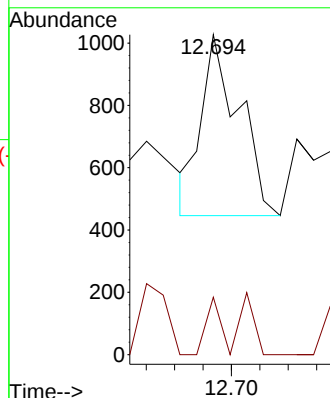
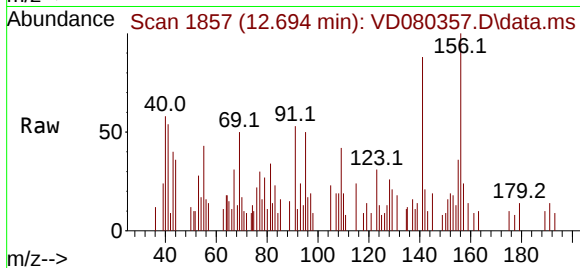
VIBLK

Tgt Ion: 91 Resp: 538

Ion Ratio Lower Upper

91 100

126 25.1 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 3.619 ug/l

RT: 13.052 min Scan# 1918

Delta R.T. 0.148 min

Lab File: VD080357.D

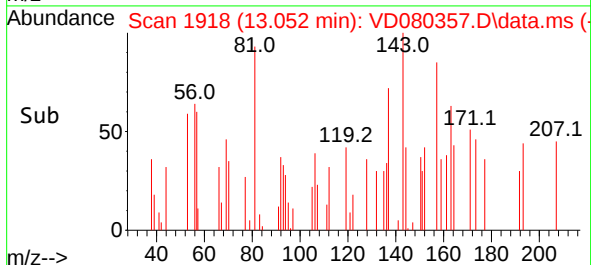
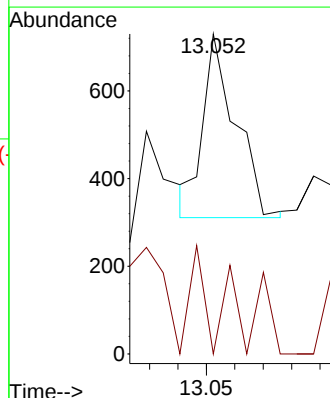
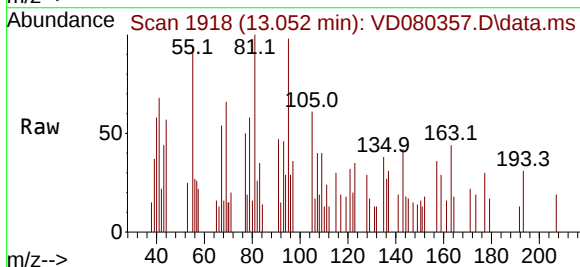
Acq: 15 May 2025 19:02

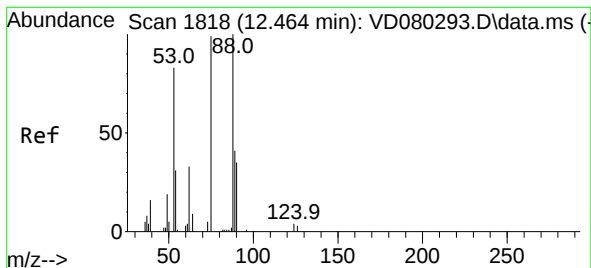
Tgt Ion:105 Resp: 334

Ion Ratio Lower Upper

105 100

120 26.0 25.0 75.0

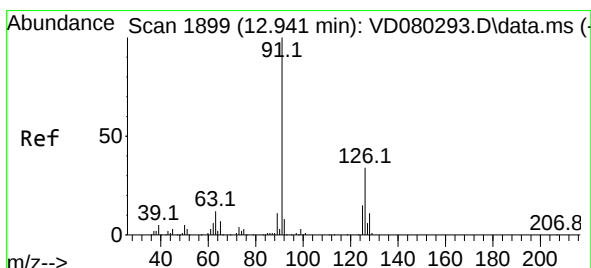
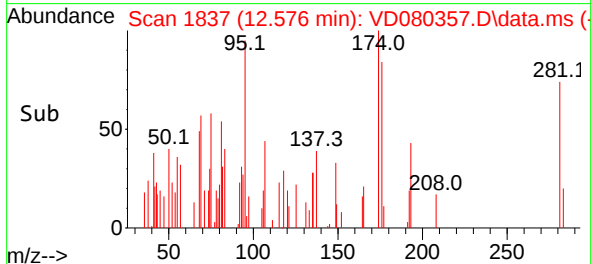
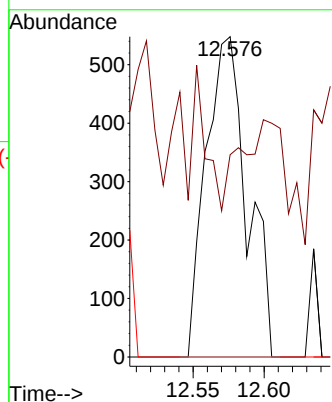
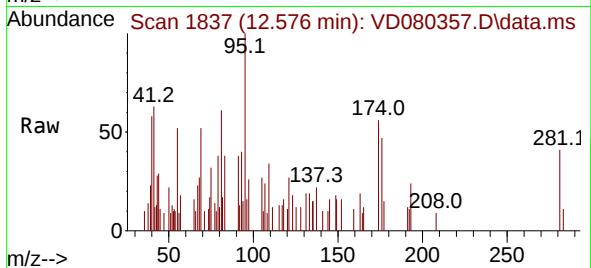




#81
trans-1,4-Dichloro-2-butene
Concen: 130.291 ug/l
RT: 12.576 min Scan# 1837
Delta R.T. 0.107 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

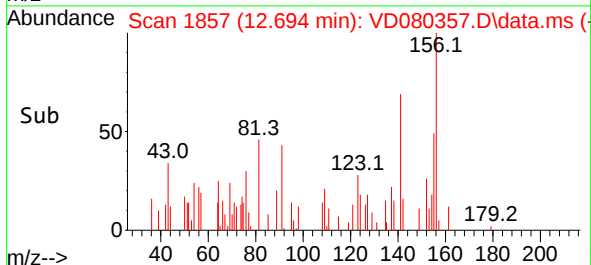
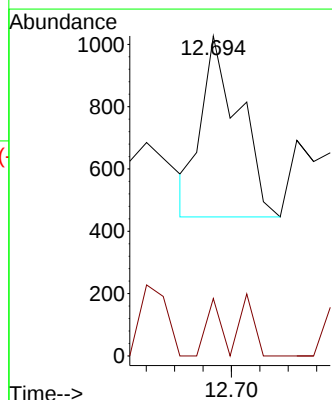
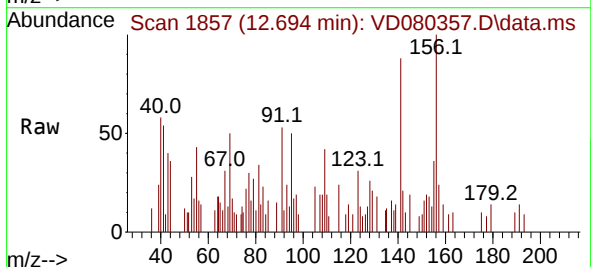
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

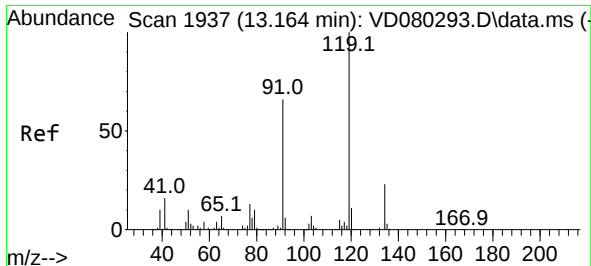
Tgt Ion: 75 Resp: 1105
Ion Ratio Lower Upper
75 100
53 0.0 68.7 103.1#
89 0.0 36.1 54.1#



#82
4-Chlorotoluene
Concen: 6.310 ug/l
RT: 12.694 min Scan# 1857
Delta R.T. -0.252 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion: 91 Resp: 538
Ion Ratio Lower Upper
91 100
126 25.1 16.8 50.3

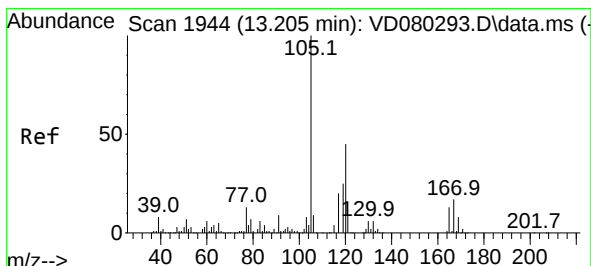
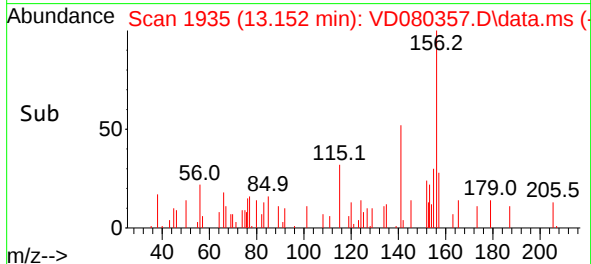
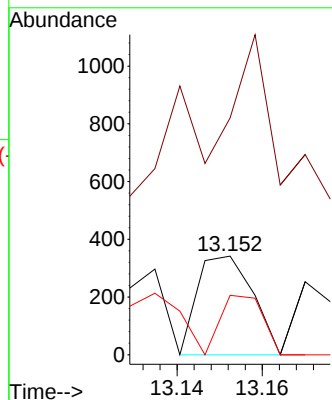
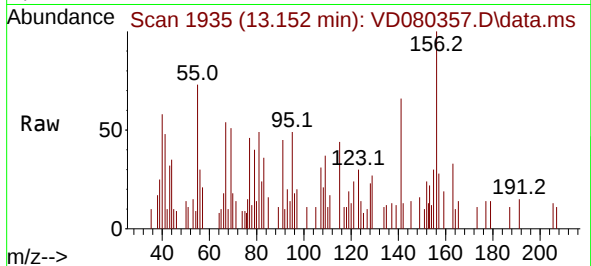




#83
tert-Butylbenzene
Concen: 4.012 ug/l
RT: 13.152 min Scan# 1935
Delta R.T. -0.011 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

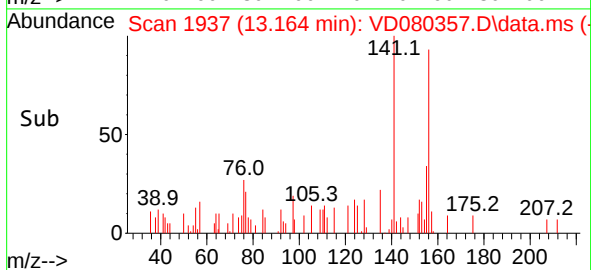
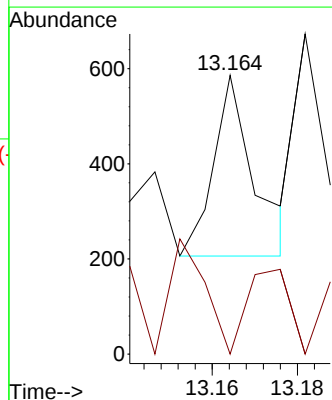
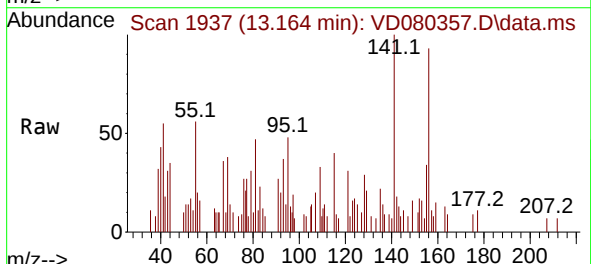
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

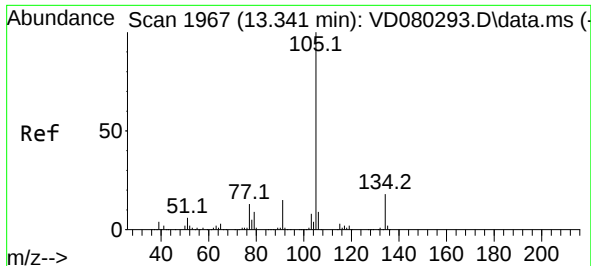
Tgt Ion:	119	Resp:	309
Ion	Ratio	Lower	Upper
119	100		
91	348.9	33.3	99.9#
134	46.0	13.5	40.5#



#84
1,2,4-Trimethylbenzene
Concen: 2.658 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. -0.046 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion:	105	Resp:	251
Ion	Ratio	Lower	Upper
105	100		
120	55.4	22.8	68.4

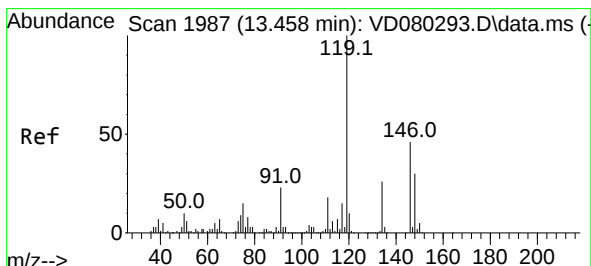
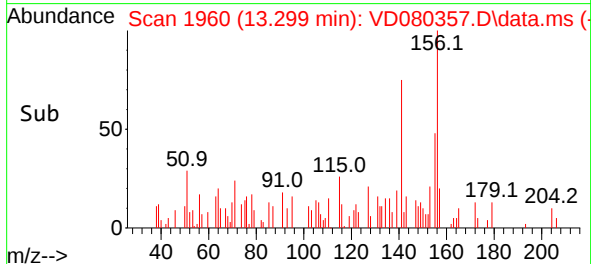
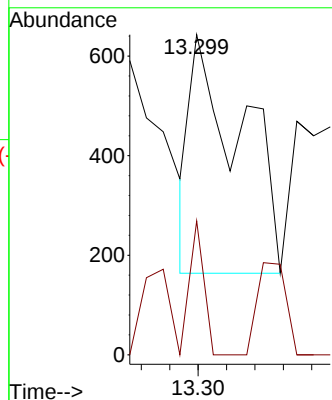
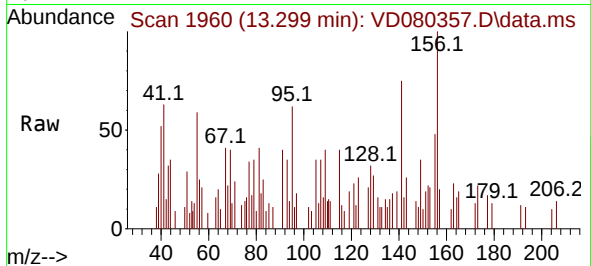




#85
 sec-Butylbenzene
 Concen: 4.985 ug/l
 RT: 13.299 min Scan# 1960
 Delta R.T. -0.041 min
 Lab File: VD080357.D
 Acq: 15 May 2025 19:02

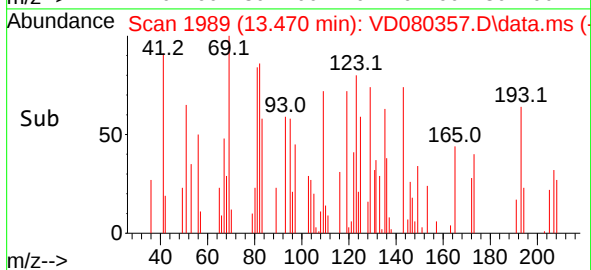
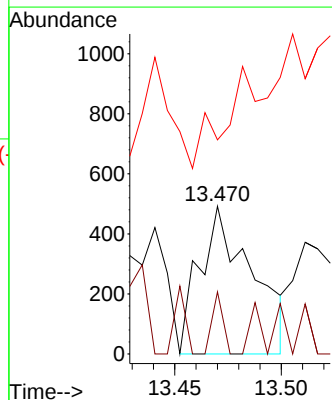
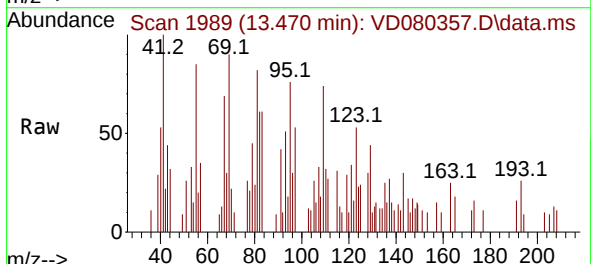
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

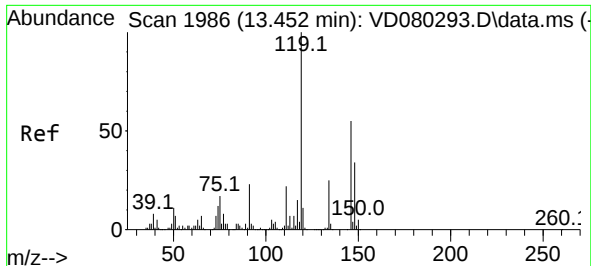
Tgt Ion:105 Resp: 592
 Ion Ratio Lower Upper
 105 100
 134 10.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 8.456 ug/l
 RT: 13.470 min Scan# 1989
 Delta R.T. 0.013 min
 Lab File: VD080357.D
 Acq: 15 May 2025 19:02

Tgt Ion:119 Resp: 844
 Ion Ratio Lower Upper
 119 100
 134 8.6 13.1 39.1#
 91 0.0 12.2 36.4#

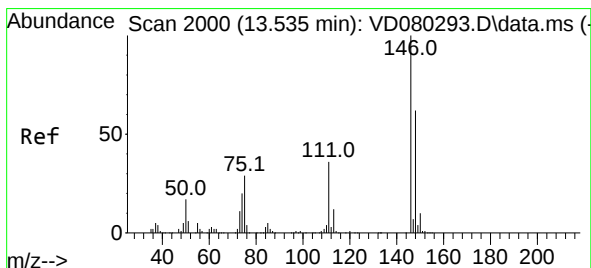
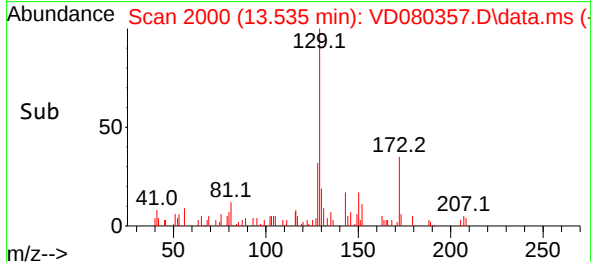
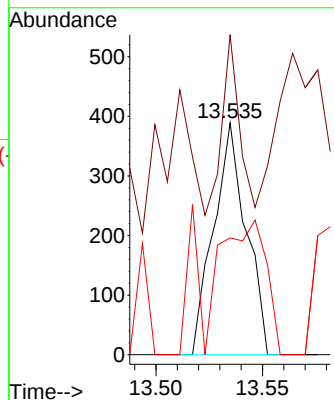
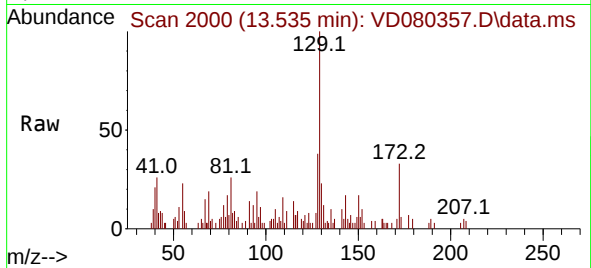




#87
 1,3-Dichlorobenzene
 Concen: 7.056 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. 0.078 min
 Lab File: VD080357.D
 Acq: 15 May 2025 19:02

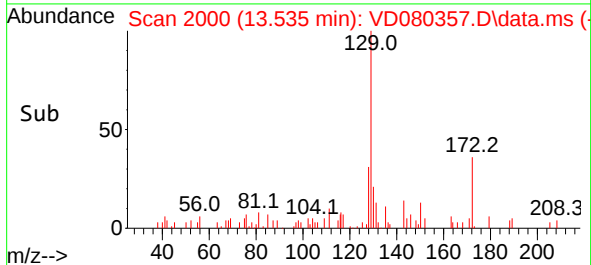
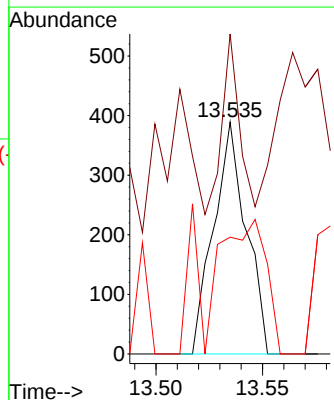
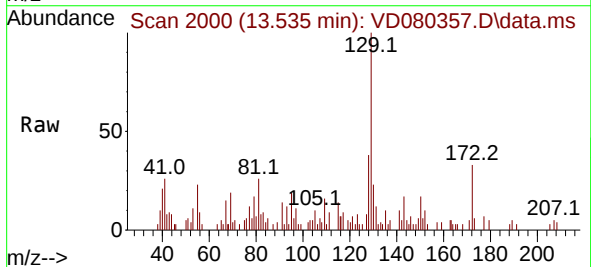
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

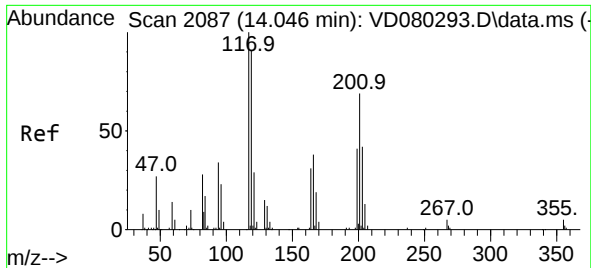
Tgt Ion:146 Resp: 413
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.0 59.9
 148 81.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 6.999 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. 0.001 min
 Lab File: VD080357.D
 Acq: 15 May 2025 19:02

Tgt Ion:146 Resp: 413
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.3 57.8
 148 81.1 32.9 98.7

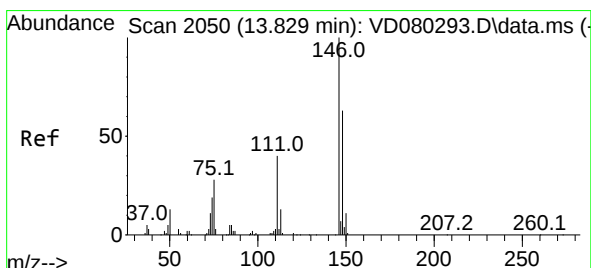
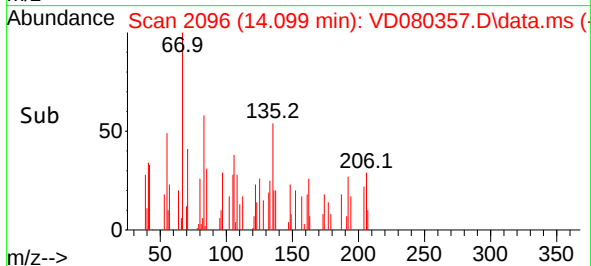
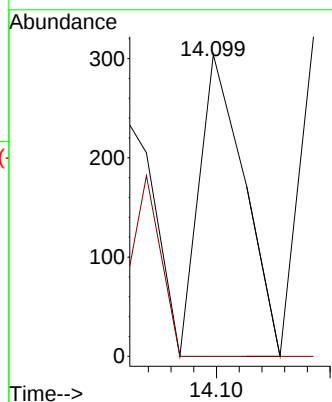
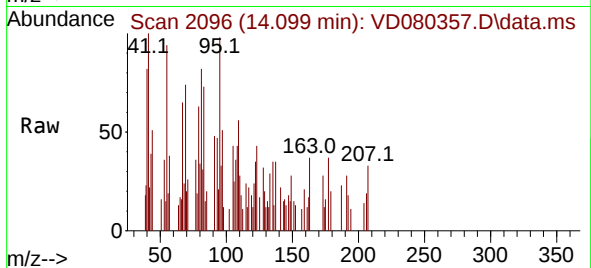




#90
Hexachloroethane
Concen: 7.607 ug/l
RT: 14.099 min Scan# 2096
Delta R.T. 0.048 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

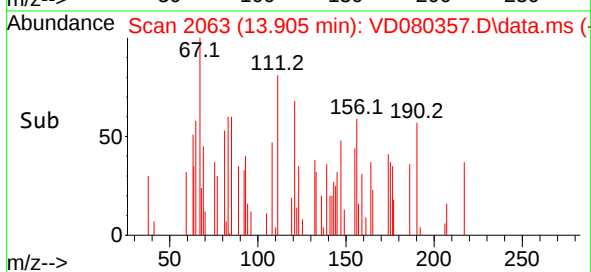
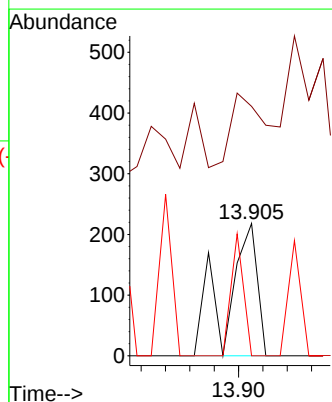
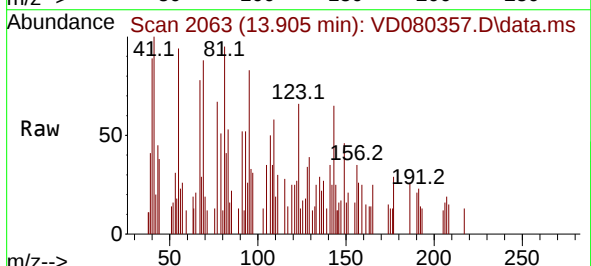
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

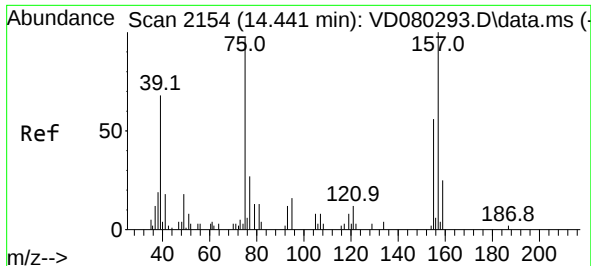
Tgt Ion:117 Resp: 168
Ion Ratio Lower Upper
117 100
201 38.1 37.5 112.5



#91
1,2-Dichlorobenzene
Concen: 3.757 ug/l
RT: 13.905 min Scan# 2063
Delta R.T. 0.077 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion:146 Resp: 191
Ion Ratio Lower Upper
146 100
111 59.2 20.6 61.8
148 37.2 32.7 98.1

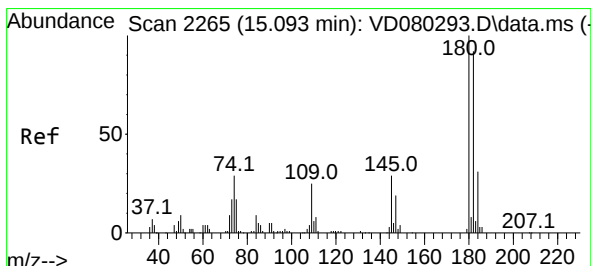
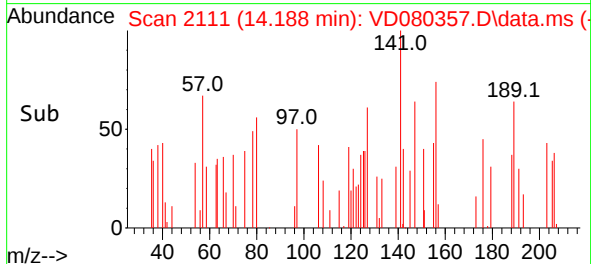
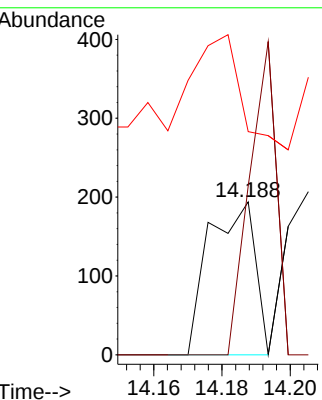
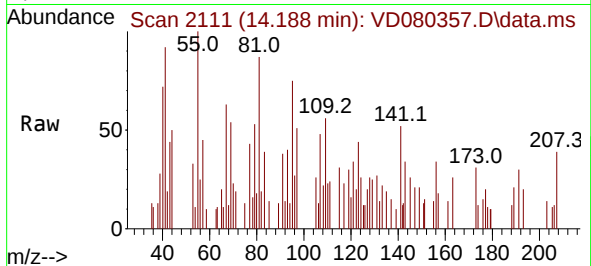




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.994 ug/l
 RT: 14.188 min Scan# 2111
 Delta R.T. -0.252 min
 Lab File: VD080357.D
 Acq: 15 May 2025 19:02

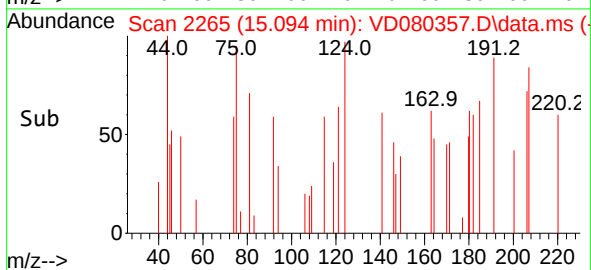
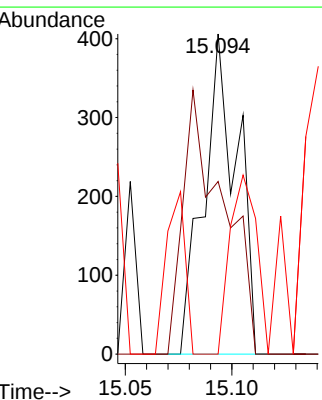
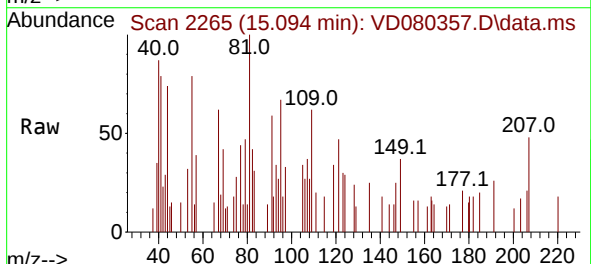
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

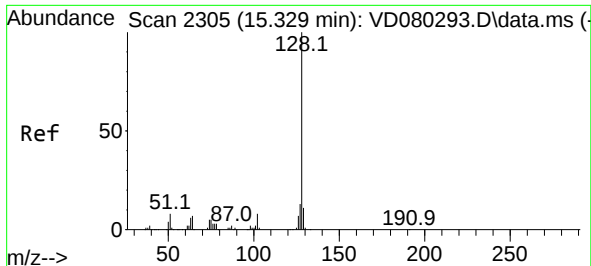
Tgt Ion: 75 Resp: 182
 Ion Ratio Lower Upper
 75 100
 155 118.7 40.6 122.0
 157 79.1 53.3 159.9



#93
 1,2,4-Trichlorobenzene
 Concen: 13.885 ug/l
 RT: 15.094 min Scan# 2265
 Delta R.T. -0.005 min
 Lab File: VD080357.D
 Acq: 15 May 2025 19:02

Tgt Ion:180 Resp: 444
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.4 142.2#
 145 44.6 14.7 44.1#

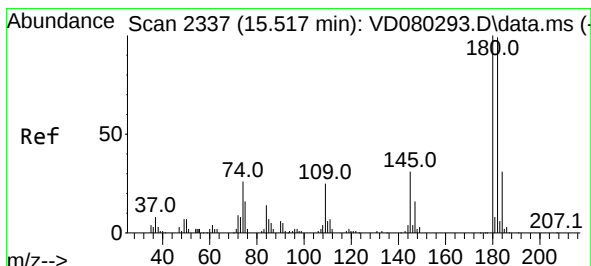
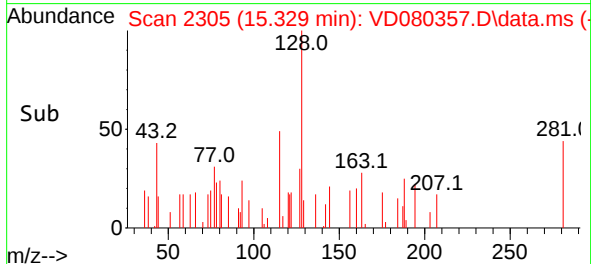
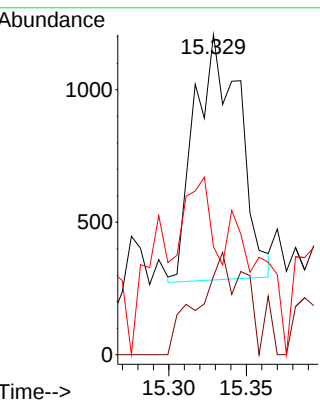
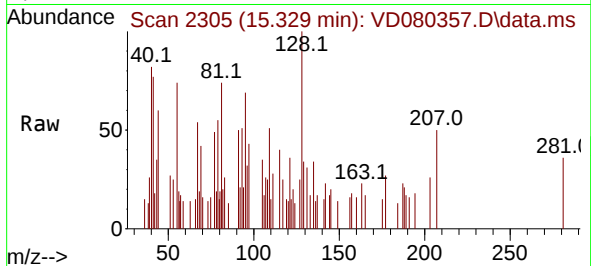




#95
Naphthalene
Concen: 31.146 ug/l
RT: 15.329 min Scan# 211
Delta R.T. 0.001 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 1870
Ion Ratio Lower Upper
128 100
127 24.5 11.8 17.8#
129 33.8 8.3 12.5#



#96
1,2,3-Trichlorobenzene
Concen: 1.888 ug/l
RT: 15.241 min Scan# 2290
Delta R.T. -0.275 min
Lab File: VD080357.D
Acq: 15 May 2025 19:02

Tgt Ion:180 Resp: 54
Ion Ratio Lower Upper
180 100
182 0.0 47.5 142.6#
145 0.0 15.7 47.0#

