

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060425\
 Data File : VD080403.D
 Acq On : 04 Jun 2025 08:37
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 05 01:56:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060425S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 05 01:47:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	157659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	270679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	221421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	112061	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	10821	5.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.320%#
35) Dibromofluoromethane	7.806	113	8309	4.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.820%#
50) Toluene-d8	10.270	98	30609	4.631	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.260%#
62) 4-Bromofluorobenzene	12.570	95	9514	4.584	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.160%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	10534	6.139	ug/l	96
3) Chloromethane	2.147	50	18166	5.998	ug/l	94
4) Vinyl Chloride	2.288	62	19819	5.832	ug/l	94
5) Bromomethane	2.700	94	13528	6.337	ug/l	95
6) Chloroethane	2.841	64	12736	5.791	ug/l	98
7) Trichlorofluoromethane	3.176	101	17373	5.659	ug/l	99
8) Diethyl Ether	3.600	74	5889	5.801	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.965	101	11075	6.066	ug/l	96
10) Methyl Iodide	4.165	142	8153	4.386	ug/l	95
11) Tert butyl alcohol	5.064	59	3567	29.826	ug/l #	77
12) 1,1-Dichloroethene	3.941	96	10781	5.767	ug/l	83
13) Acrolein	3.794	56	5184	28.420	ug/l	93
14) Allyl chloride	4.565	41	16445	5.215	ug/l	97
15) Acrylonitrile	5.253	53	12174	26.222	ug/l	97
16) Acetone	4.029	43	12992	33.250	ug/l	97
17) Carbon Disulfide	4.270	76	36516	5.612	ug/l #	93
18) Methyl Acetate	4.559	43	6766	5.265	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	20608	4.929	ug/l	95
20) Methylene Chloride	4.806	84	13576	5.951	ug/l #	90
21) trans-1,2-Dichloroethene	5.312	96	10430	5.168	ug/l #	92
22) Diisopropyl ether	6.217	45	29146	4.675	ug/l	91
23) Vinyl Acetate	6.153	43	89236	24.741	ug/l	98
24) 1,1-Dichloroethane	6.112	63	20887	5.540	ug/l	98
25) 2-Butanone	7.088	43	15787	27.594	ug/l #	83
26) 2,2-Dichloropropane	7.070	77	16262	5.417	ug/l	100
27) cis-1,2-Dichloroethene	7.082	96	11440	5.033	ug/l	97
28) Bromochloromethane	7.429	49	9299	5.574	ug/l #	93
29) Tetrahydrofuran	7.447	42	9287	25.231	ug/l	100
30) Chloroform	7.600	83	19426	5.308	ug/l	95
31) Cyclohexane	7.882	56	20447	5.994	ug/l #	90
32) 1,1,1-Trichloroethane	7.788	97	16913	5.526	ug/l	99
36) 1,1-Dichloropropene	8.011	75	14363	5.417	ug/l	99
37) Ethyl Acetate	7.170	43	6258	4.817	ug/l #	76
38) Carbon Tetrachloride	7.994	117	14114	5.267	ug/l	92
39) Methylcyclohexane	9.270	83	16430	5.232	ug/l #	92
40) Benzene	8.247	78	41755	5.058	ug/l	93

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	2803	3.503	ug/l #	63
42) 1,2-Dichloroethane	8.323	62	12535	5.578	ug/l	91
43) Isopropyl Acetate	8.364	43	12799	5.182	ug/l #	91
44) Trichloroethene	9.023	130	9897	5.176	ug/l	91
45) 1,2-Dichloropropane	9.300	63	11069	5.445	ug/l	89
46) Dibromomethane	9.400	93	6053	5.593	ug/l	95
47) Bromodichloromethane	9.588	83	14616	5.317	ug/l	98
48) Methyl methacrylate	9.382	41	5609	4.630	ug/l #	84
49) 1,4-Dioxane	9.382	88	1197	99.148	ug/l	90
51) 4-Methyl-2-Pentanone	10.158	43	29488	23.369	ug/l	99
52) Toluene	10.335	92	22278	4.640	ug/l	95
53) t-1,3-Dichloropropene	10.552	75	11506	4.691	ug/l #	86
54) cis-1,3-Dichloropropene	10.017	75	14444	4.866	ug/l	98
55) 1,1,2-Trichloroethane	10.729	97	7397	5.249	ug/l #	87
56) Ethyl methacrylate	10.600	69	7974	4.452	ug/l	93
57) 1,3-Dichloropropane	10.876	76	11981	4.957	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.870	63	16167	21.537	ug/l	99
59) 2-Hexanone	10.917	43	20169	23.795	ug/l	100
60) Dibromochloromethane	11.070	129	8919	5.162	ug/l	98
61) 1,2-Dibromoethane	11.176	107	6495	5.167	ug/l	90
64) Tetrachloroethene	10.811	164	8086	5.439	ug/l	94
65) Chlorobenzene	11.605	112	26301	5.370	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.682	131	8965	5.452	ug/l	97
67) Ethyl Benzene	11.682	91	41938	4.976	ug/l	99
68) m/p-Xylenes	11.788	106	30038	9.392	ug/l	98
69) o-Xylene	12.117	106	14174	4.776	ug/l	95
70) Styrene	12.135	104	24195	4.619	ug/l	96
71) Bromoform	12.294	173	5152	5.543	ug/l #	95
73) Isopropylbenzene	12.417	105	34757	4.569	ug/l	100
74) N-amyl acetate	12.229	43	10452	4.921	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.670	83	8077	5.134	ug/l	96
76) 1,2,3-Trichloropropane	12.723	75	10404	8.039	ug/l #	100
77) Bromobenzene	12.699	156	9256	4.907	ug/l	99
78) n-propylbenzene	12.758	91	48153	4.875	ug/l	99
79) 2-Chlorotoluene	12.846	91	28199	4.993	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	29917	4.594	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.464	75	2758	4.771	ug/l	88
82) 4-Chlorotoluene	12.946	91	28413	4.726	ug/l	95
83) tert-Butylbenzene	13.164	119	24393	4.500	ug/l	98
84) 1,2,4-Trimethylbenzene	13.205	105	28794	4.381	ug/l	100
85) sec-Butylbenzene	13.341	105	39145	4.708	ug/l	99
86) p-Isopropyltoluene	13.458	119	31944	4.531	ug/l	100
87) 1,3-Dichlorobenzene	13.458	146	18767	4.886	ug/l	97
88) 1,4-Dichlorobenzene	13.535	146	21086	5.389	ug/l	93
89) n-Butylbenzene	13.782	91	35034	5.036	ug/l	96
90) Hexachloroethane	14.046	117	8186	5.520	ug/l	100
91) 1,2-Dichlorobenzene	13.829	146	18609	5.497	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.440	75	1398	5.486	ug/l	86
93) 1,2,4-Trichlorobenzene	15.093	180	10476	5.062	ug/l	99
94) Hexachlorobutadiene	15.199	225	5590	5.421	ug/l	96
95) Naphthalene	15.329	128	18988	4.767	ug/l	97
96) 1,2,3-Trichlorobenzene	15.517	180	9339	5.040	ug/l	95

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Instrument :
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ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Thu Jun 05 01:47:12 2025
Response via : Initial Calibration

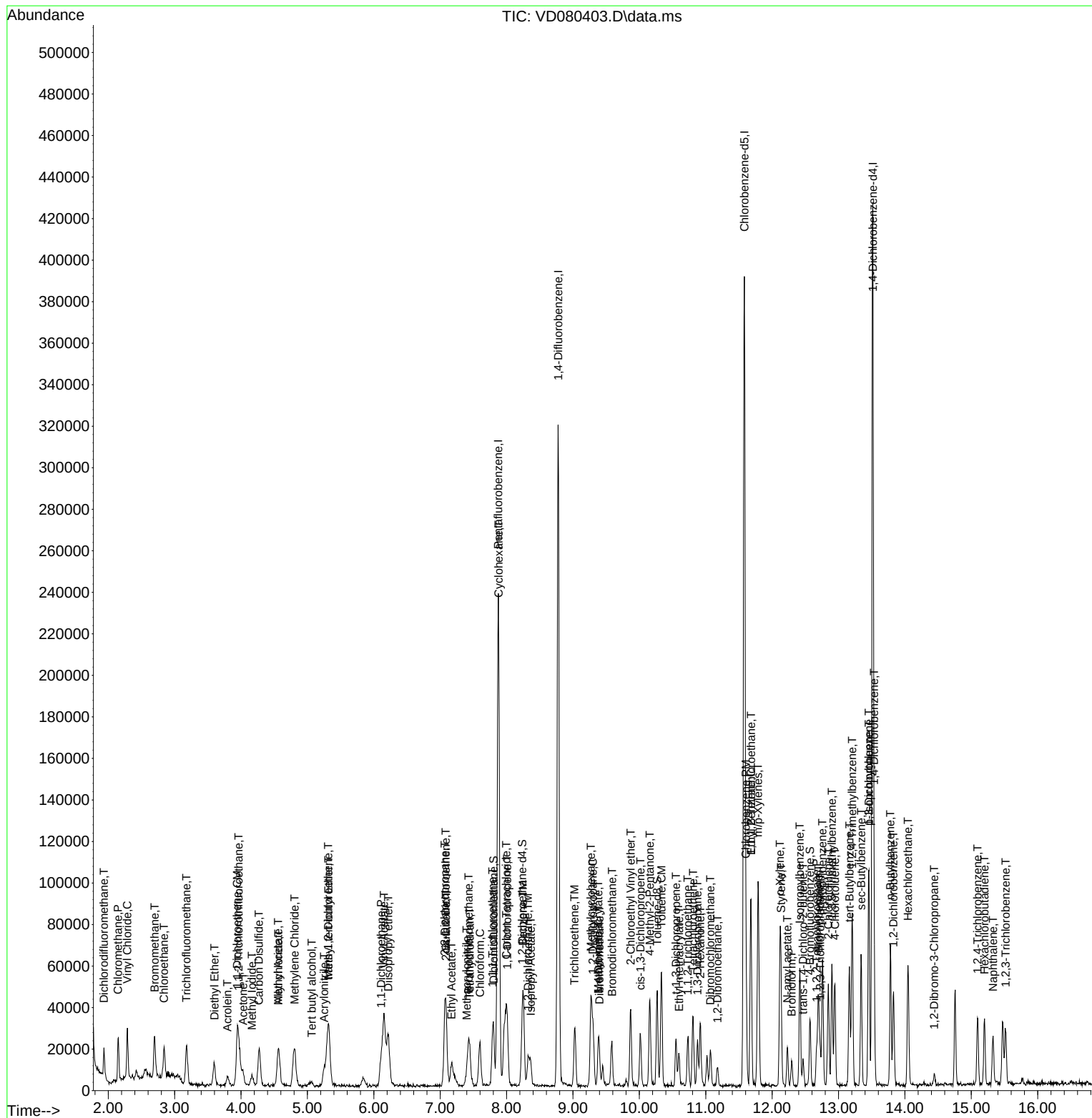
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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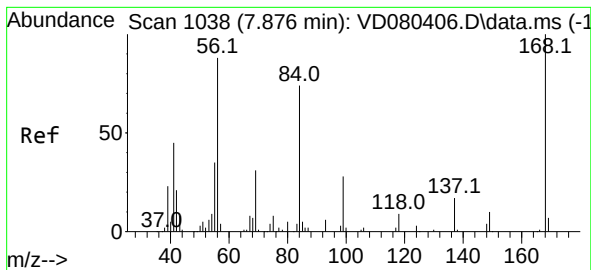
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080425\
 Data File : VD080403.D
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 Sample : VSTDIC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

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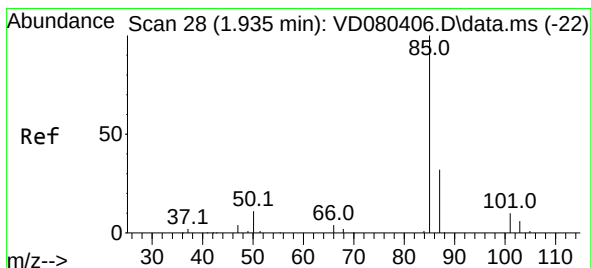
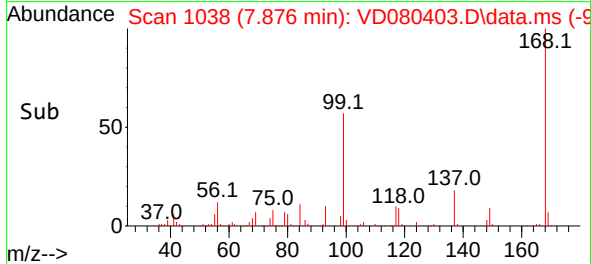
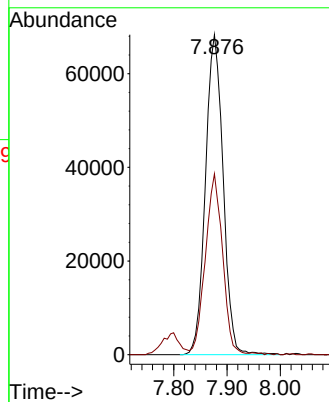
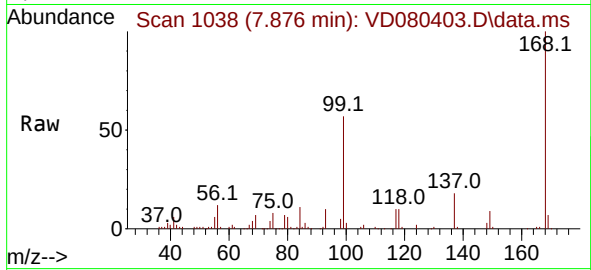




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080403.D
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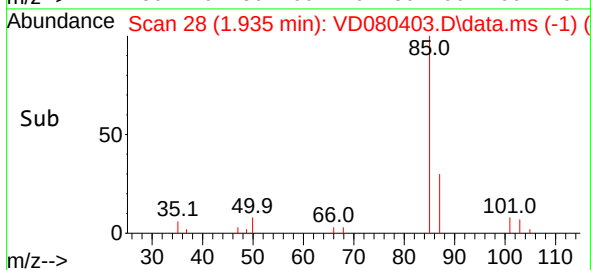
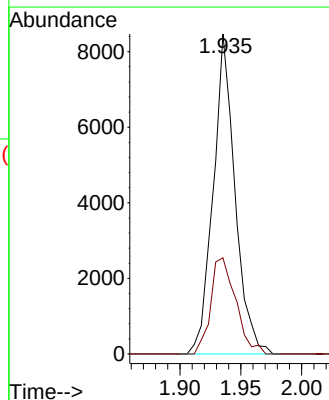
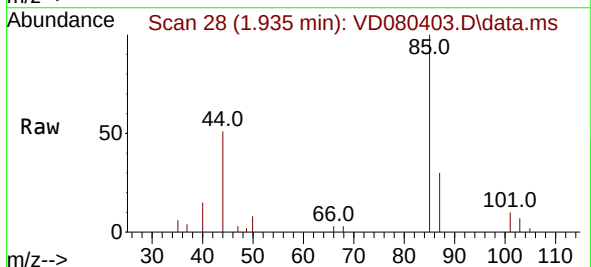
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

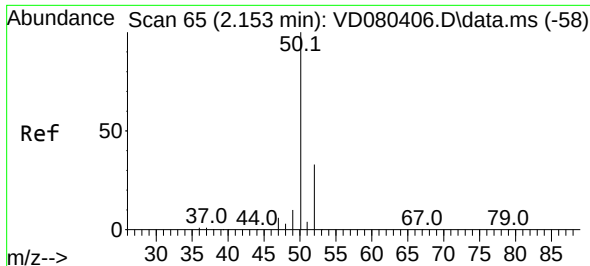
Tgt Ion:168 Resp: 157659
Ion Ratio Lower Upper
168 100
99 56.5 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 6.139 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 85 Resp: 10534
Ion Ratio Lower Upper
85 100
87 30.0 16.2 48.5

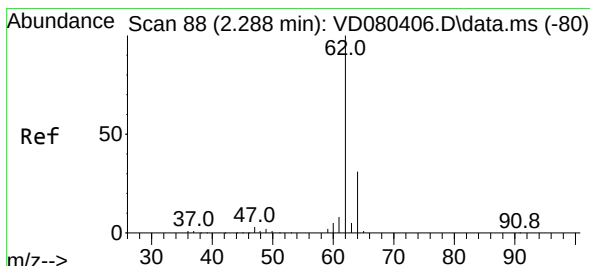
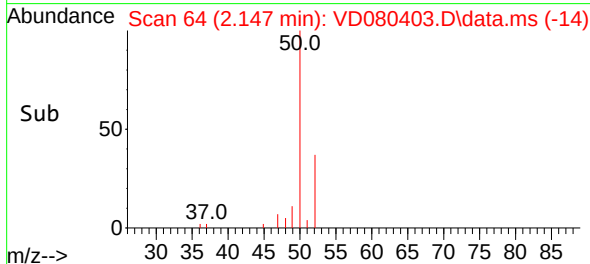
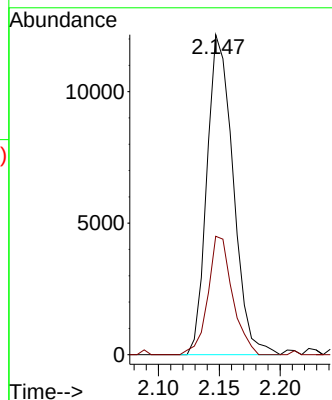
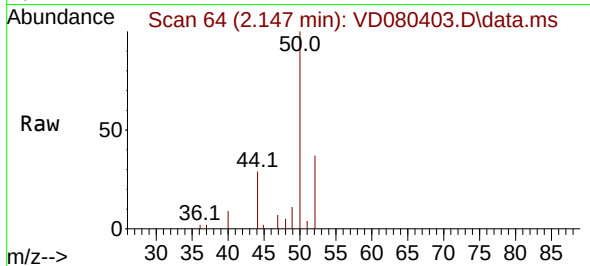




#3
Chloromethane
Concen: 5.998 ug/l
RT: 2.147 min Scan# 64
Delta R.T. -0.006 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

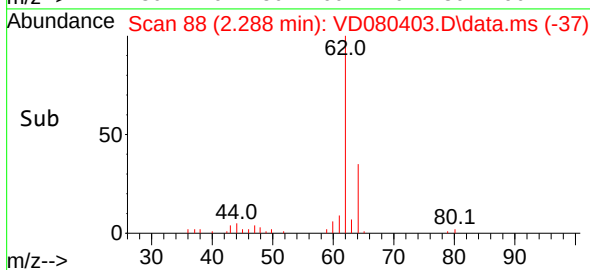
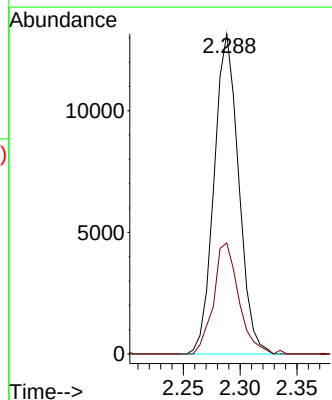
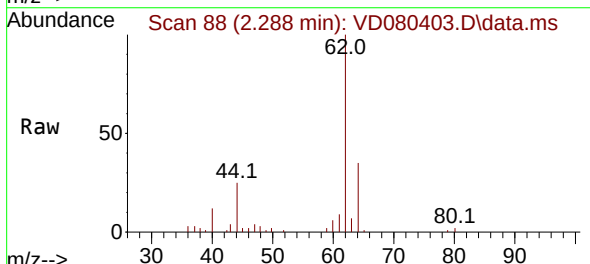
Instrument :
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ClientSampleId :
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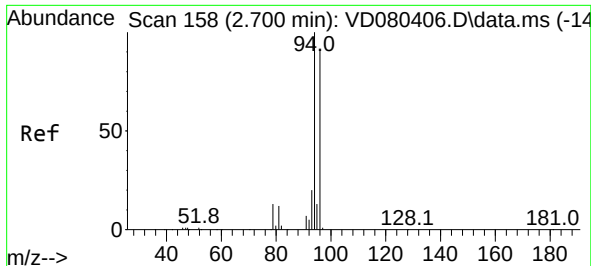
Tgt Ion: 50 Resp: 18166
Ion Ratio Lower Upper
50 100
52 37.0 26.7 40.1



#4
Vinyl Chloride
Concen: 5.832 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 62 Resp: 19819
Ion Ratio Lower Upper
62 100
64 34.7 25.0 37.6

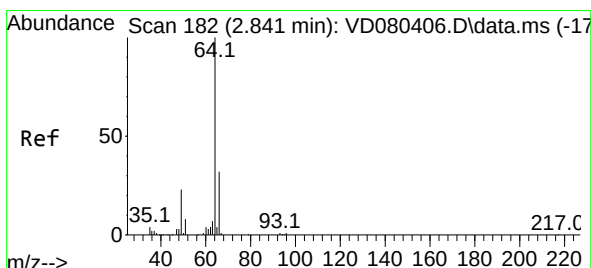
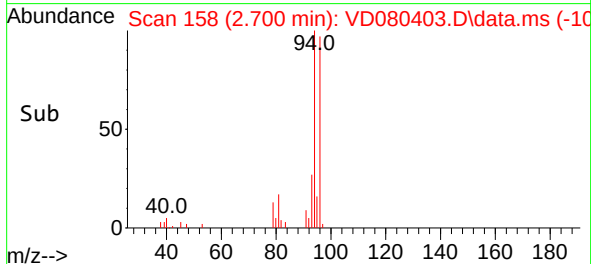
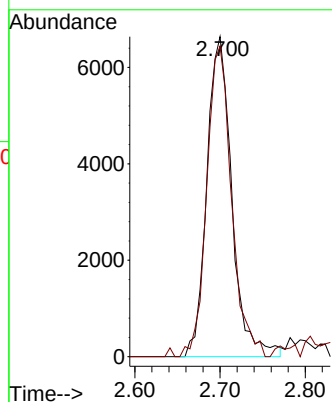
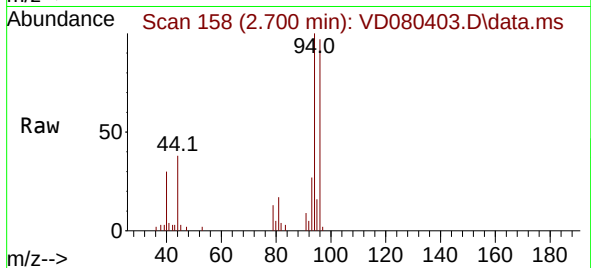




#5
Bromomethane
Concen: 6.337 ug/l
RT: 2.700 min Scan# 158
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

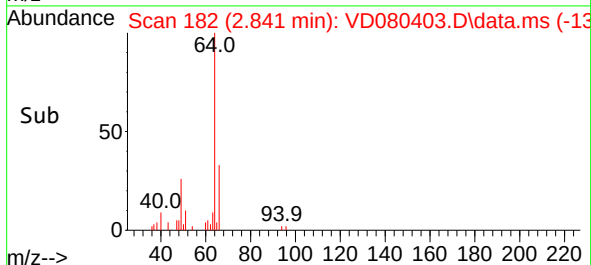
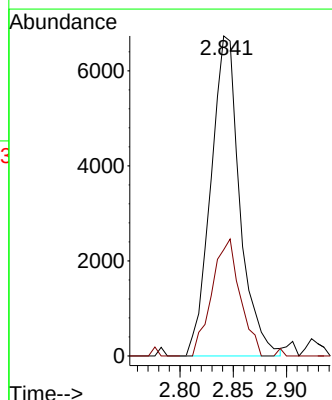
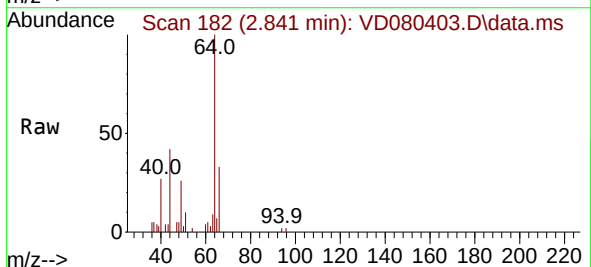
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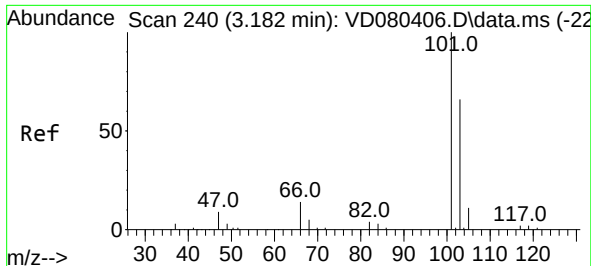
Tgt Ion: 94 Resp: 13528
Ion Ratio Lower Upper
94 100
96 96.0 73.1 109.7



#6
Chloroethane
Concen: 5.791 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 64 Resp: 12736
Ion Ratio Lower Upper
64 100
66 33.2 25.5 38.3

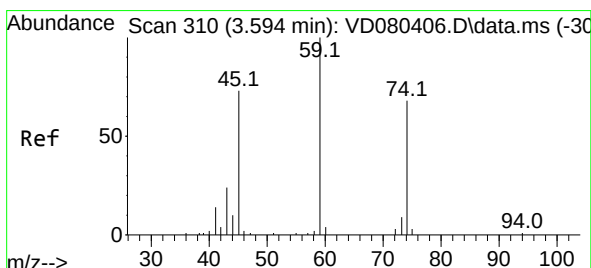
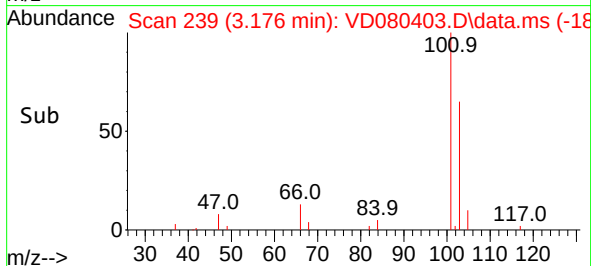
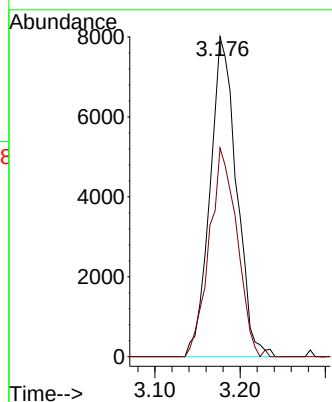
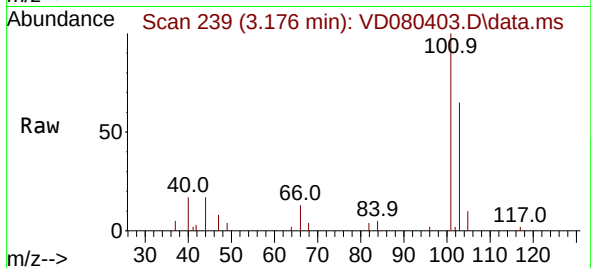




#7
 Trichlorofluoromethane
 Concen: 5.659 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD080403.D
 Acq: 04 Jun 2025 08:37

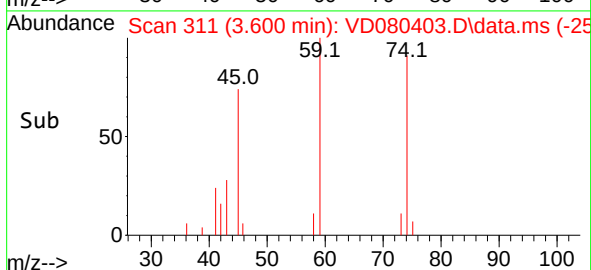
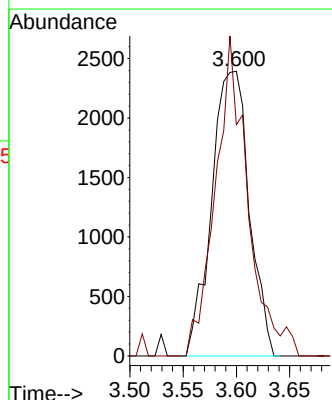
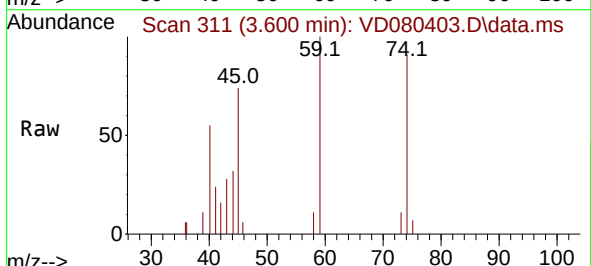
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

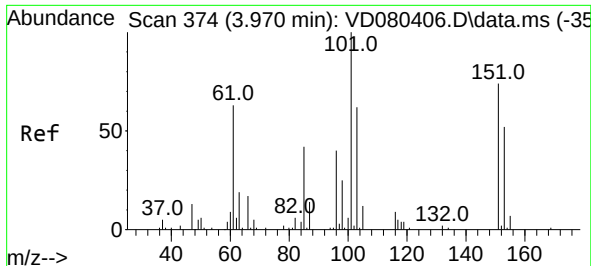
Tgt Ion:101 Resp: 17373
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.7 79.1



#8
 Diethyl Ether
 Concen: 5.801 ug/l
 RT: 3.600 min Scan# 311
 Delta R.T. 0.006 min
 Lab File: VD080403.D
 Acq: 04 Jun 2025 08:37

Tgt Ion: 74 Resp: 5889
 Ion Ratio Lower Upper
 74 100
 45 96.5 51.8 155.5

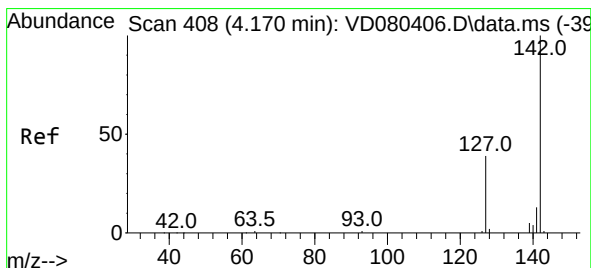
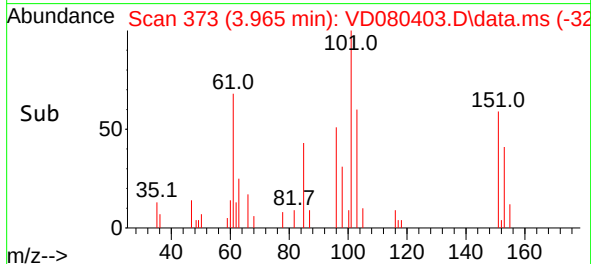
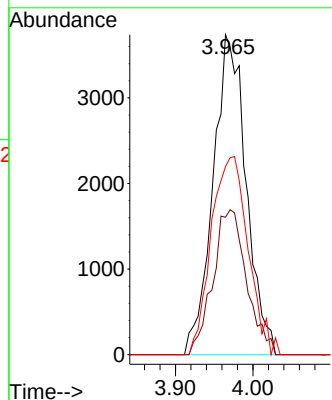
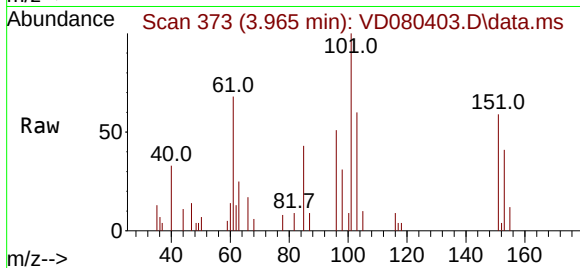




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.066 ug/l
RT: 3.965 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

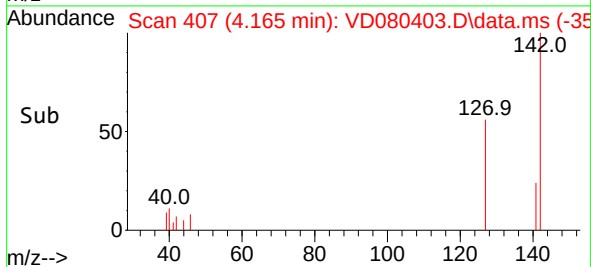
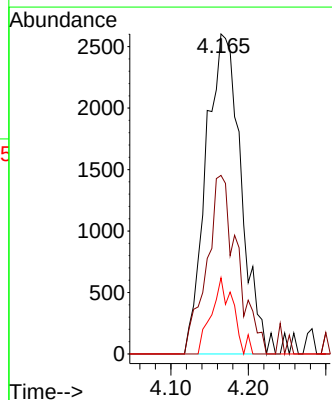
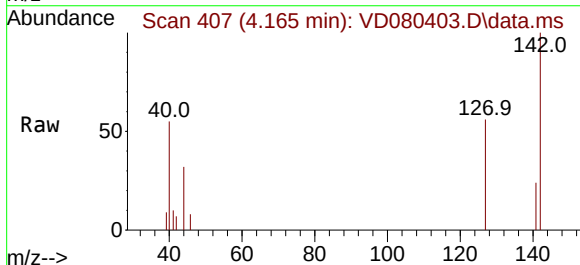
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

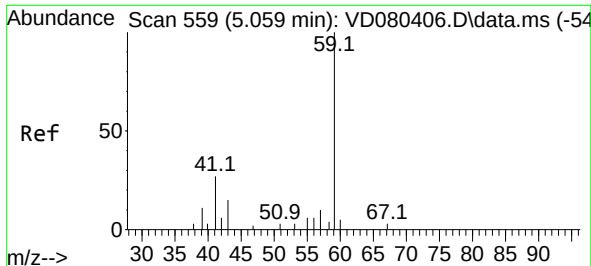
Tgt Ion:101 Resp: 11075
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 69.1 59.2 88.8



#10
Methyl Iodide
Concen: 4.386 ug/l
RT: 4.165 min Scan# 407
Delta R.T. -0.006 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion:142 Resp: 8153
Ion Ratio Lower Upper
142 100
127 49.4 35.8 53.8
141 14.9 12.0 18.0

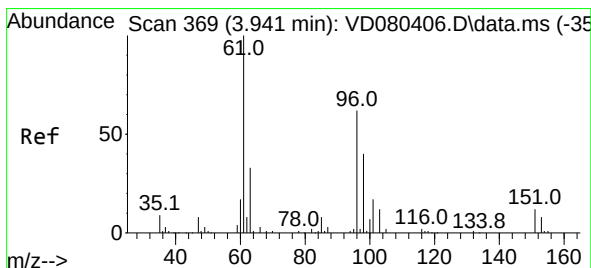
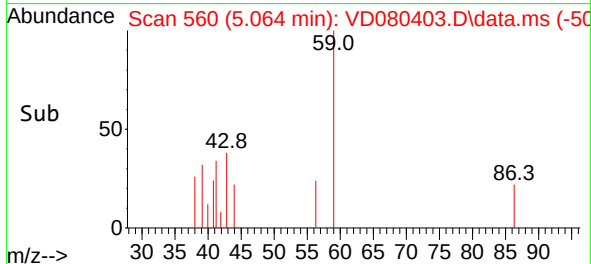
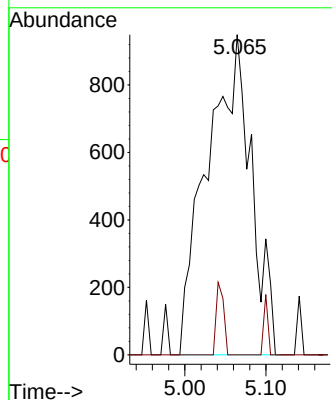
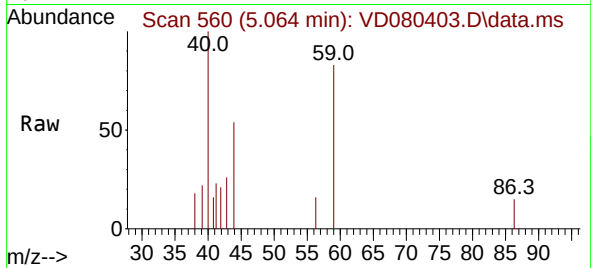




#11
Tert butyl alcohol
Concen: 29.826 ug/l
RT: 5.064 min Scan# 509
Delta R.T. 0.006 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

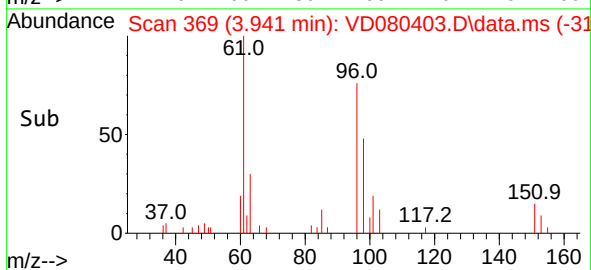
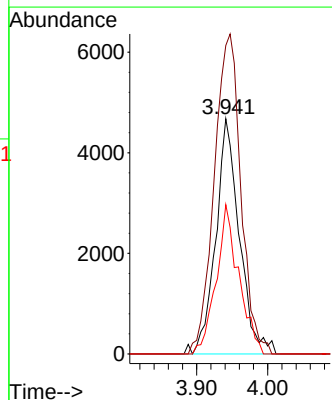
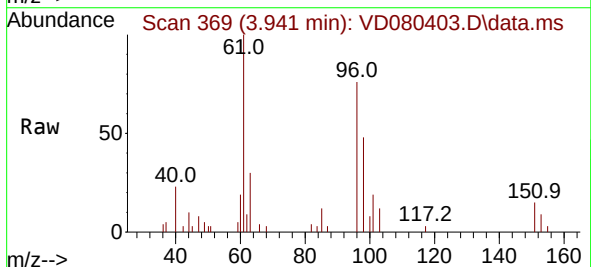
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

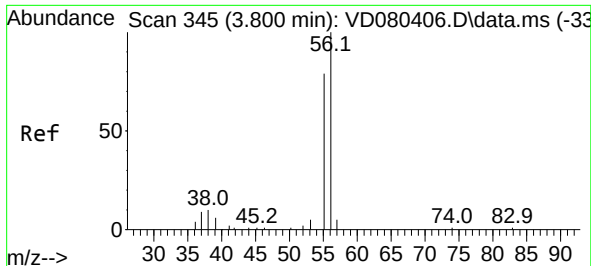
Tgt Ion: 59 Resp: 3567
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 5.767 ug/l
RT: 3.941 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 96 Resp: 10781
Ion Ratio Lower Upper
96 100
61 131.1 129.7 194.5
98 63.5 52.0 78.0

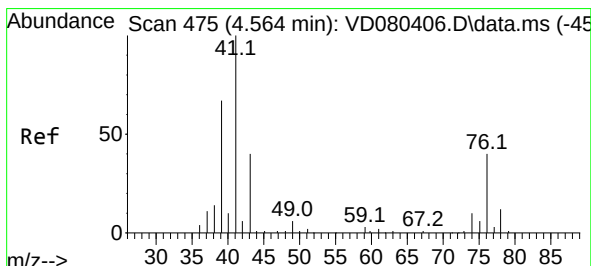
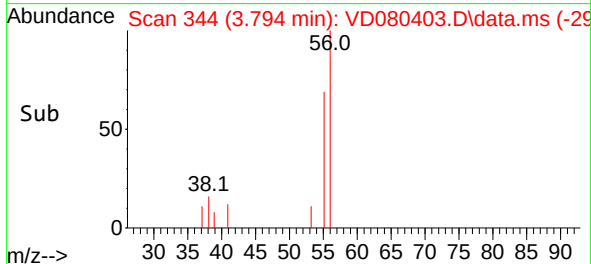
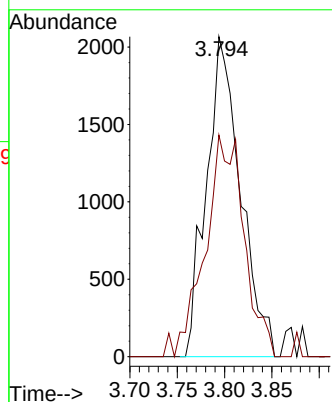
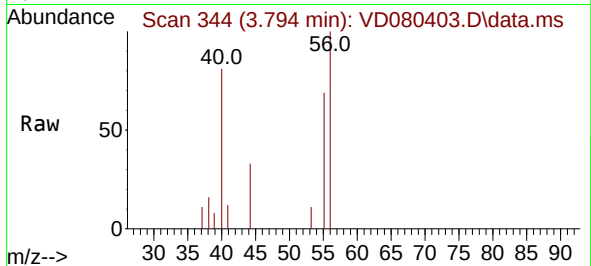




#13
Acrolein
Concen: 28.420 ug/l
RT: 3.794 min Scan# 345
Delta R.T. -0.006 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

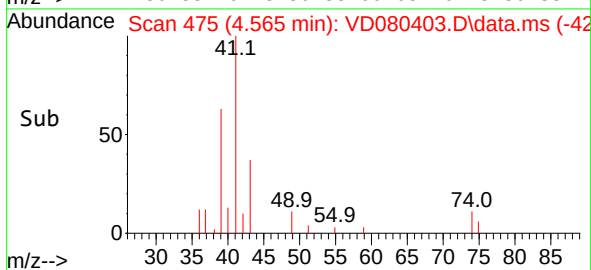
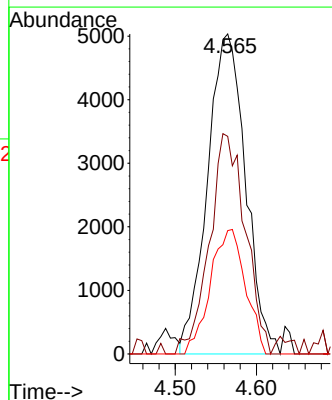
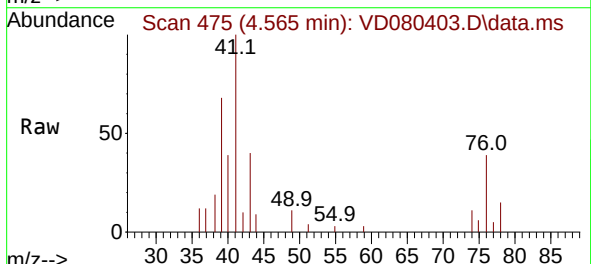
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

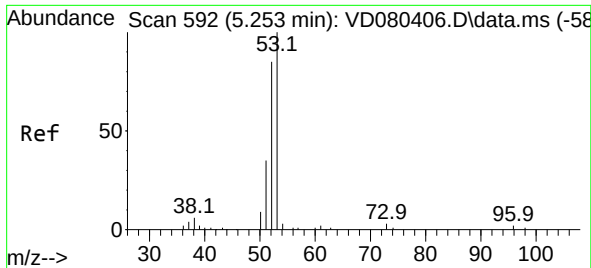
Tgt Ion: 56 Resp: 5184
Ion Ratio Lower Upper
56 100
55 79.1 58.7 88.1



#14
Allyl chloride
Concen: 5.215 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 41 Resp: 16445
Ion Ratio Lower Upper
41 100
39 64.7 50.0 75.0
76 35.8 29.9 44.9

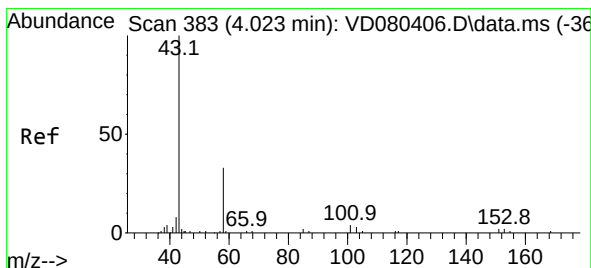
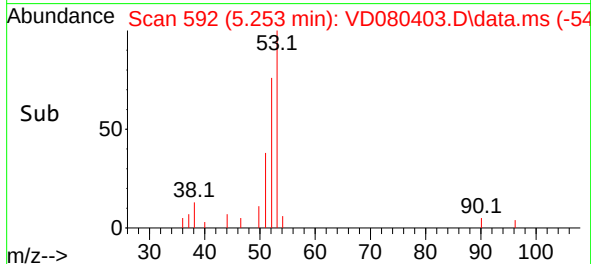
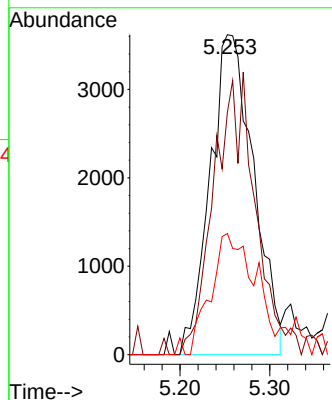
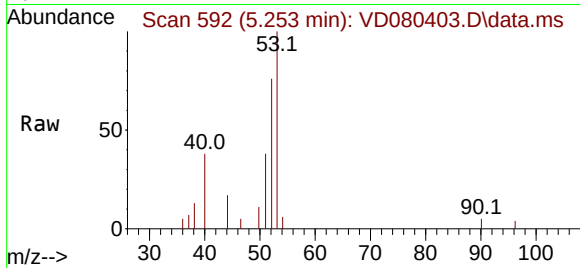




#15
Acrylonitrile
Concen: 26.222 ug/l
RT: 5.253 min Scan# 592
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

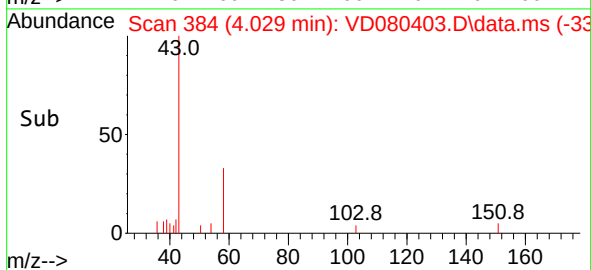
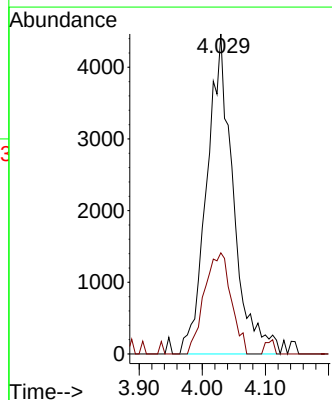
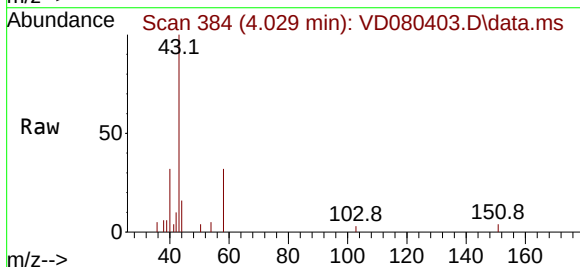
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

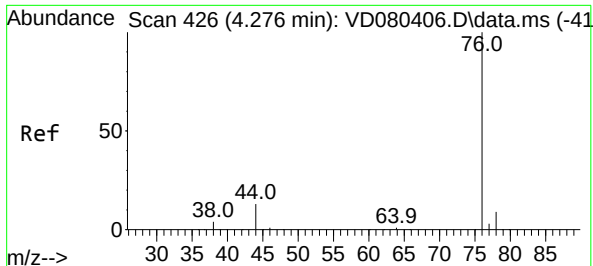
Tgt Ion: 53	Resp: 12174
Ion Ratio	Lower Upper
53 100	
52 83.4	64.2 96.2
51 38.5	29.3 43.9



#16
Acetone
Concen: 33.250 ug/l
RT: 4.029 min Scan# 384
Delta R.T. 0.006 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 43	Resp: 12992
Ion Ratio	Lower Upper
43 100	
58 31.6	26.6 40.0

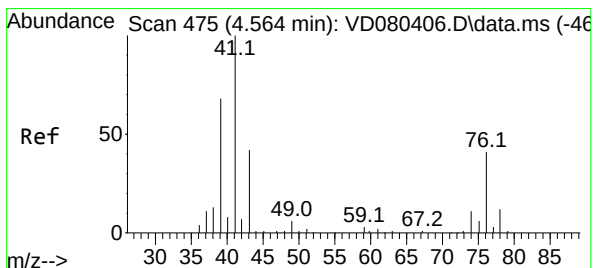
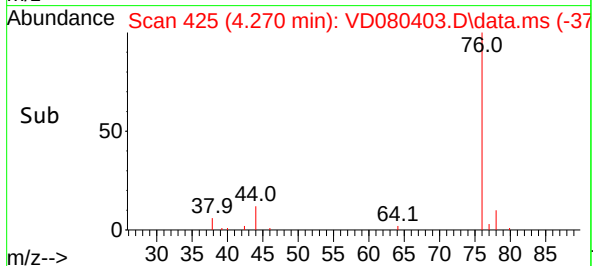
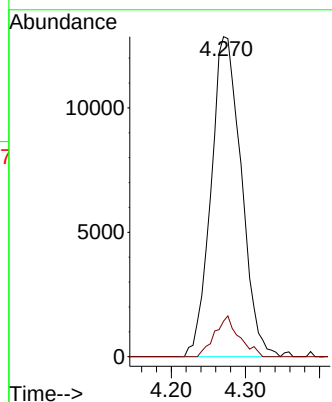
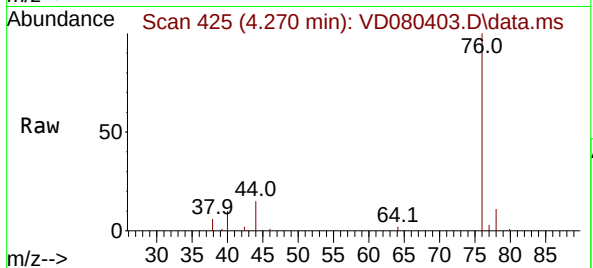




#17
Carbon Disulfide
Concen: 5.612 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

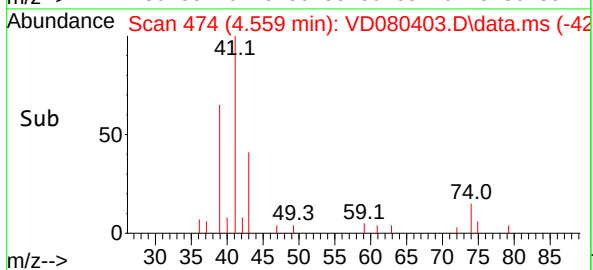
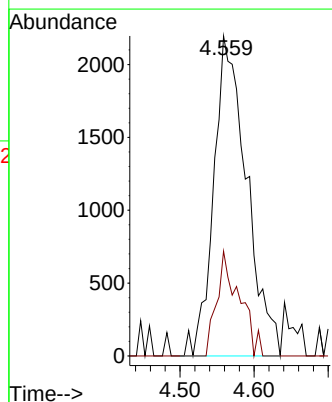
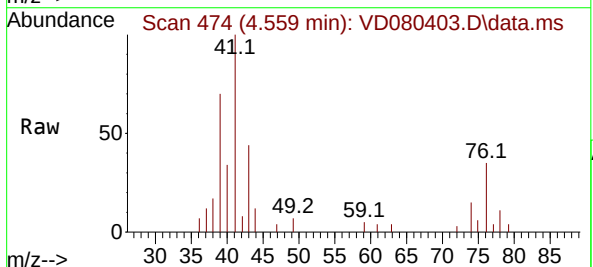
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

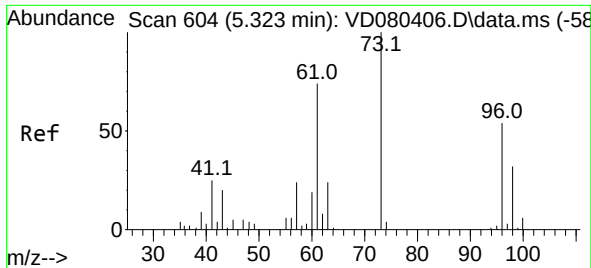
Tgt Ion: 76 Resp: 36516
Ion Ratio Lower Upper
76 100
78 11.1 7.0 10.4#



#18
Methyl Acetate
Concen: 5.265 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 43 Resp: 6766
Ion Ratio Lower Upper
43 100
74 22.7 18.2 27.2

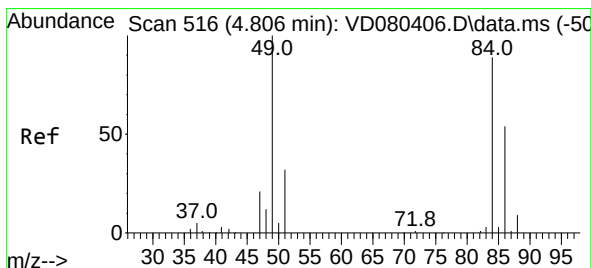
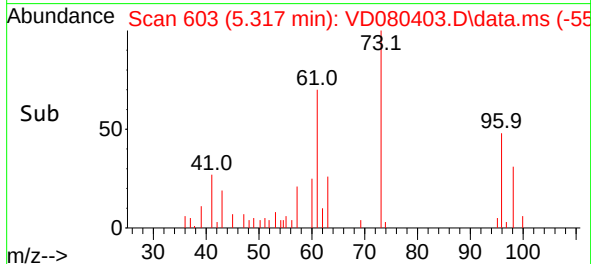
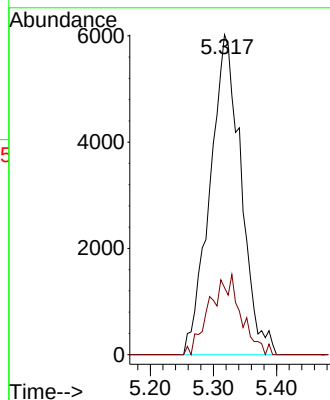
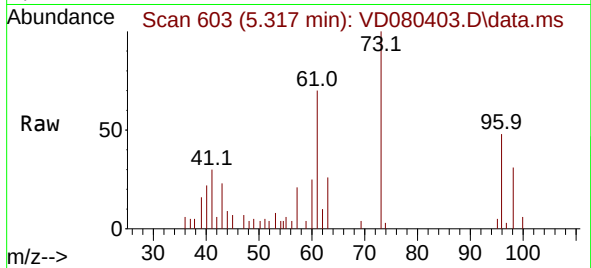




#19
Methyl tert-butyl Ether
Concen: 4.929 ug/l
RT: 5.317 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

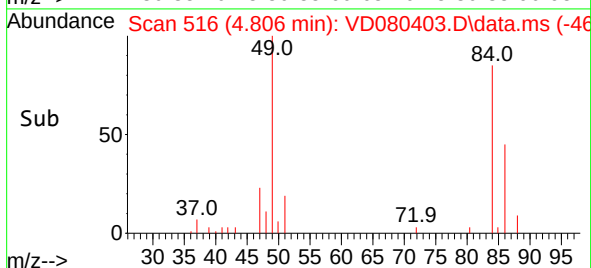
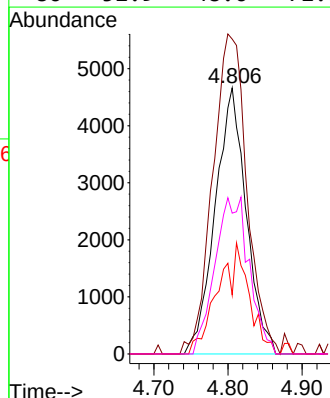
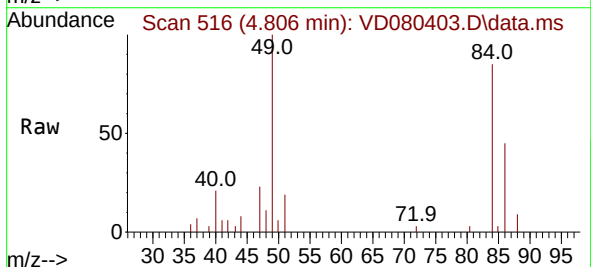
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

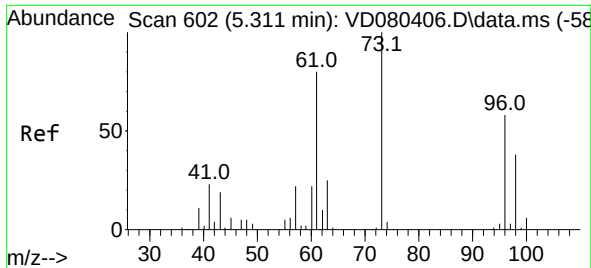
Tgt Ion: 73 Resp: 20608
Ion Ratio Lower Upper
73 100
57 20.9 18.9 28.3



#20
Methylene Chloride
Concen: 5.951 ug/l
RT: 4.806 min Scan# 516
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 84 Resp: 13576
Ion Ratio Lower Upper
84 100
49 118.3 89.4 134.2
51 22.2 28.5 42.7#
86 52.9 48.6 72.8

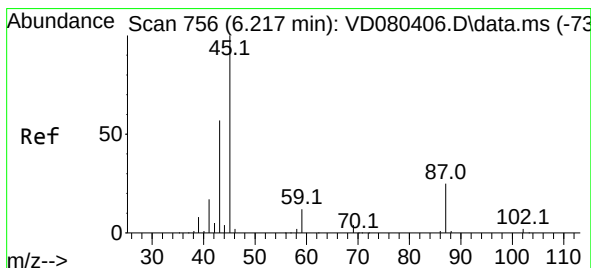
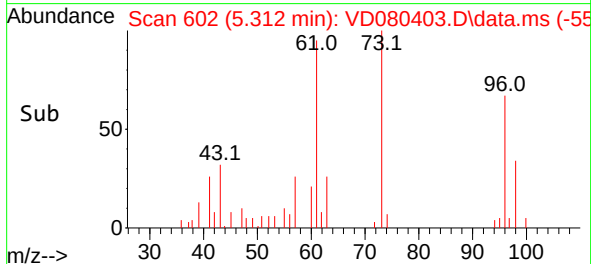
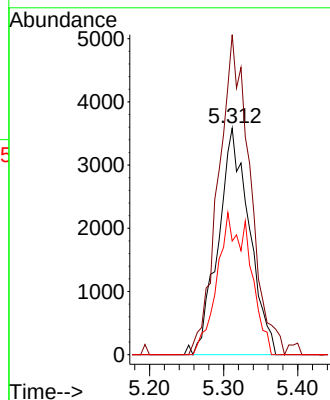
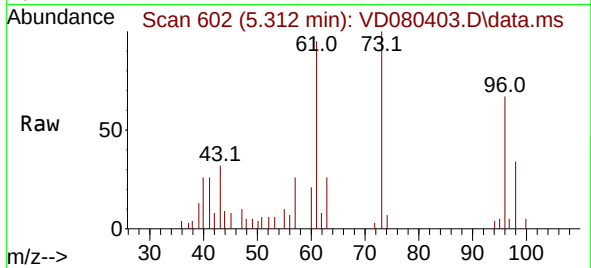




#21
trans-1,2-Dichloroethene
Concen: 5.168 ug/l
RT: 5.312 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

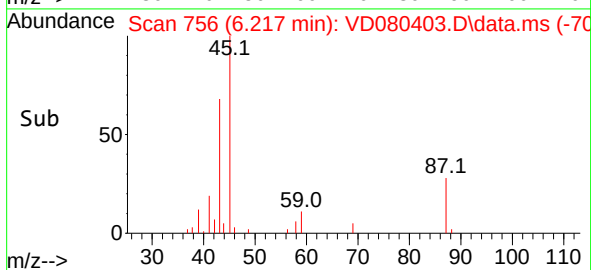
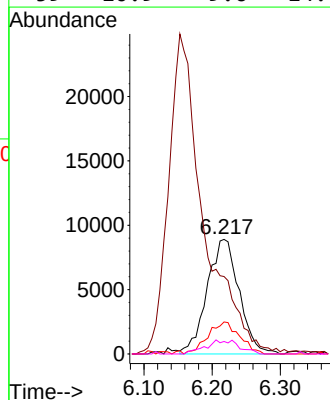
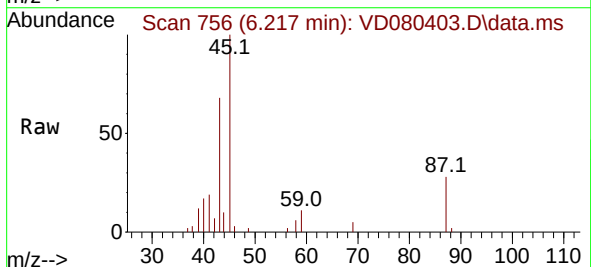
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

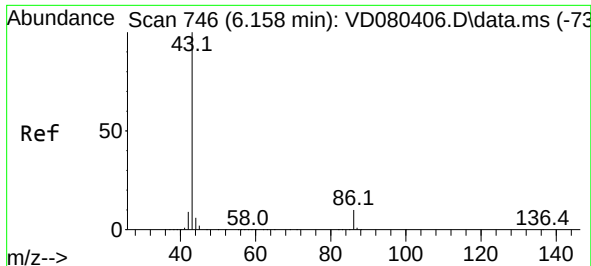
Tgt Ion: 96 Resp: 10430
Ion Ratio Lower Upper
96 100
61 141.2 110.8 166.2
98 50.1 52.2 78.2#



#22
Diisopropyl ether
Concen: 4.675 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 45 Resp: 29146
Ion Ratio Lower Upper
45 100
43 65.6 45.6 68.4
87 27.9 20.4 30.6
59 10.9 9.6 14.4

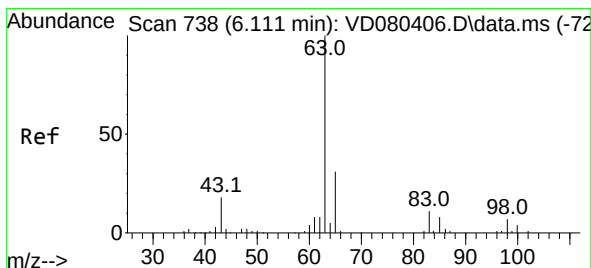
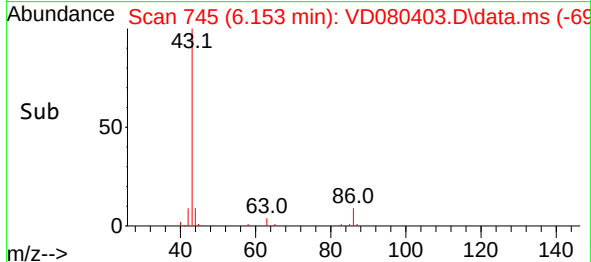
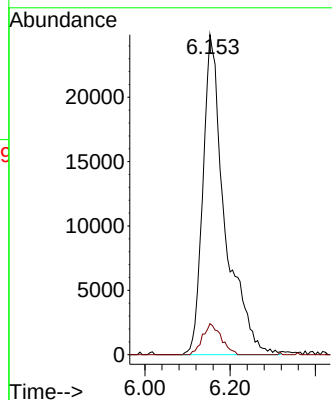
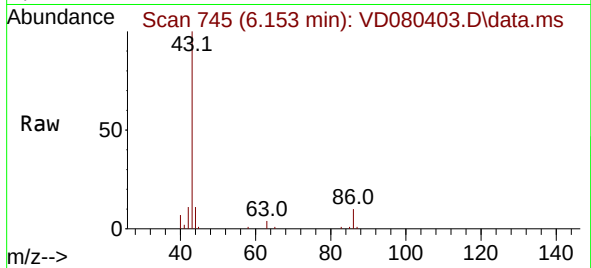




#23
 Vinyl Acetate
 Concen: 24.741 ug/l
 RT: 6.153 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD080403.D
 Acq: 04 Jun 2025 08:37

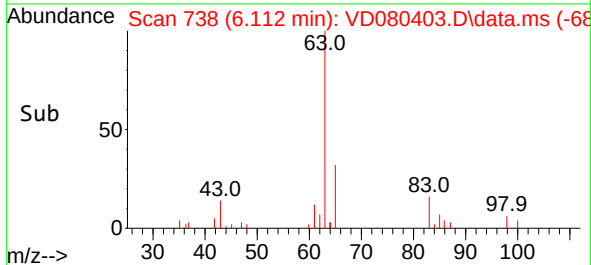
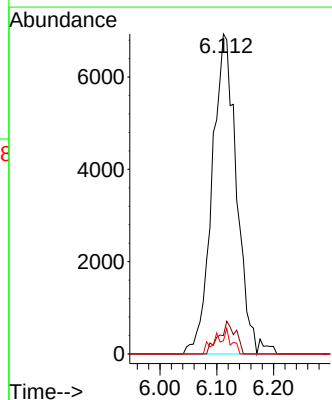
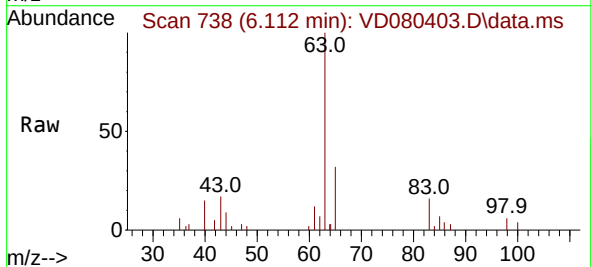
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

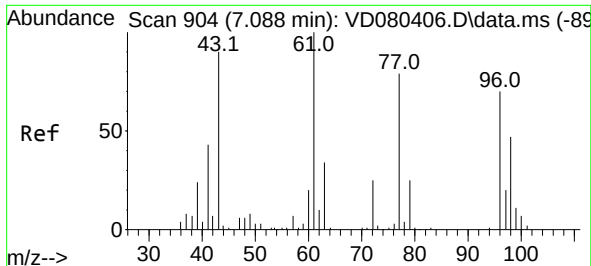
Tgt Ion: 43 Resp: 89236
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 5.540 ug/l
 RT: 6.112 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD080403.D
 Acq: 04 Jun 2025 08:37

Tgt Ion: 63 Resp: 20887
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.9
 100 4.1 1.9 5.7

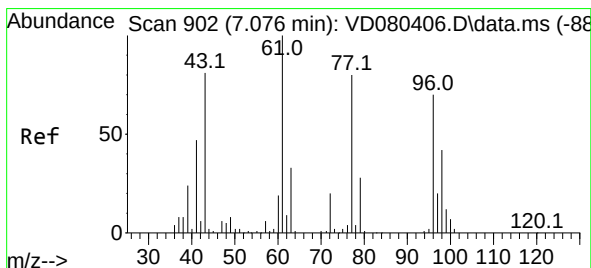
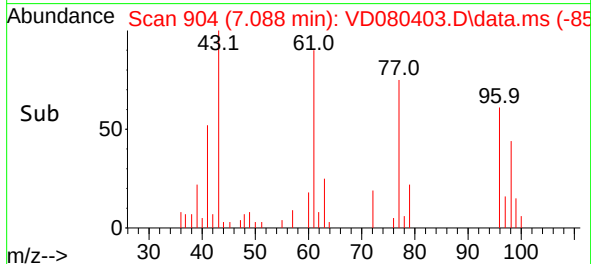
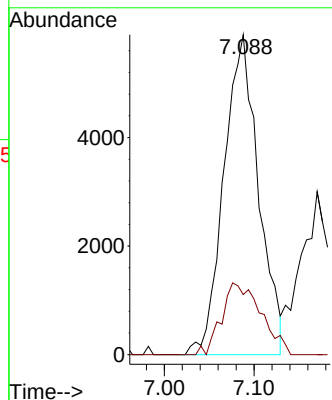
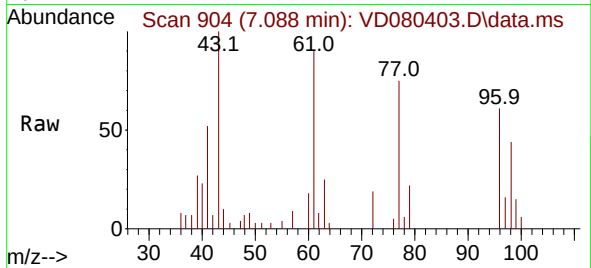




#25
2-Butanone
Concen: 27.594 ug/l
RT: 7.088 min Scan# 904
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

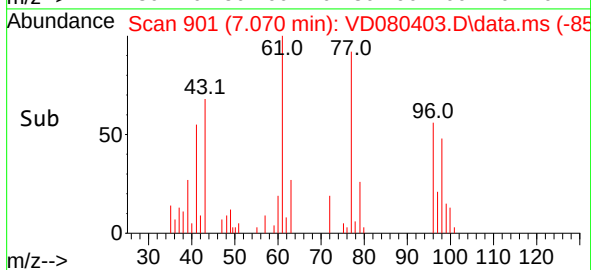
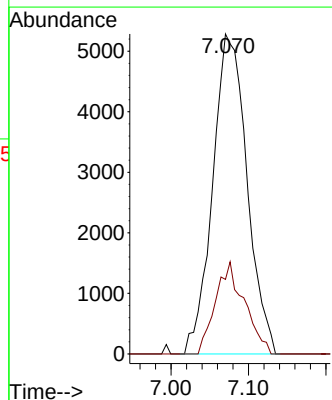
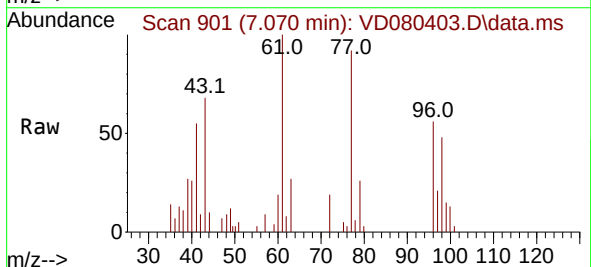
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

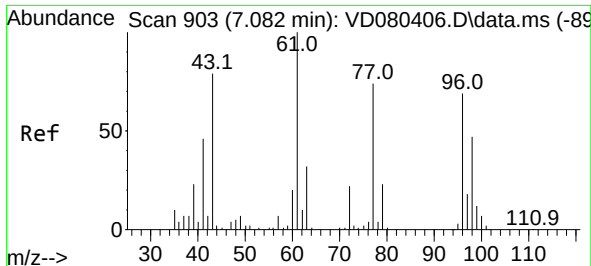
Tgt Ion: 43 Resp: 15787
Ion Ratio Lower Upper
43 100
72 18.8 22.2 33.2#



#26
2,2-Dichloropropane
Concen: 5.417 ug/l
RT: 7.070 min Scan# 901
Delta R.T. -0.006 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 77 Resp: 16262
Ion Ratio Lower Upper
77 100
97 24.4 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 5.033 ug/l

RT: 7.082 min Scan# 903

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

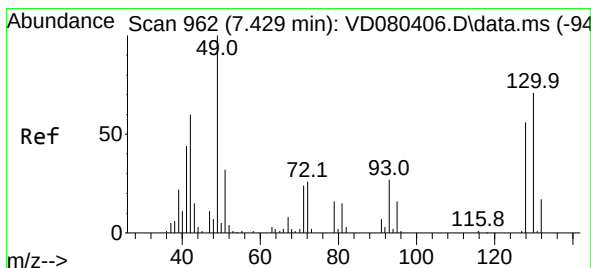
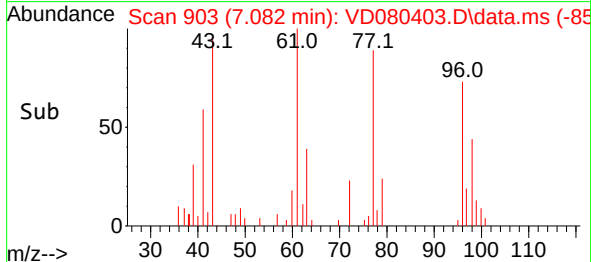
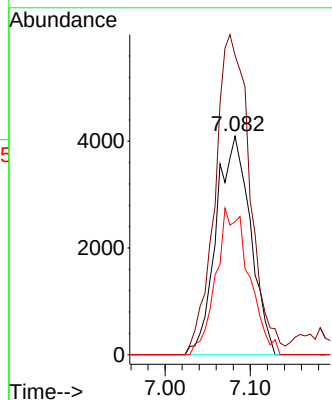
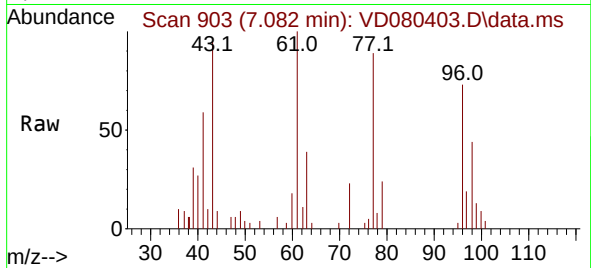
Tgt Ion: 96 Resp: 11440

Ion Ratio Lower Upper

96 100

61 149.7 0.0 291.0

98 64.7 0.0 130.6



#28

Bromochloromethane

Concen: 5.574 ug/l

RT: 7.429 min Scan# 962

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

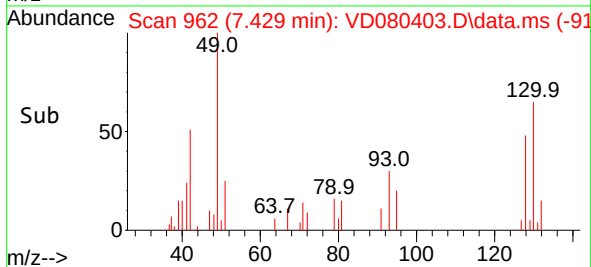
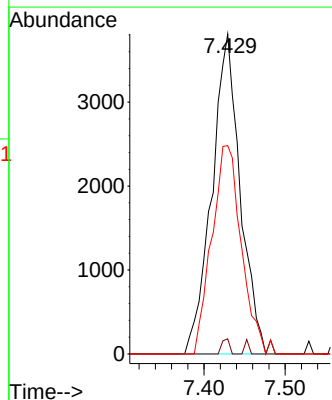
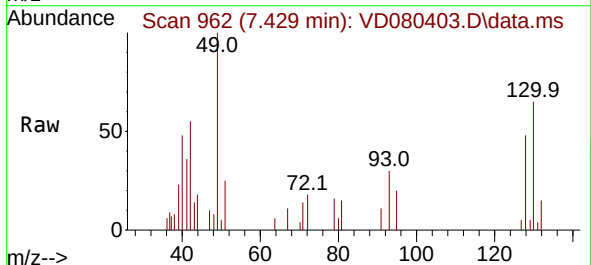
Tgt Ion: 49 Resp: 9299

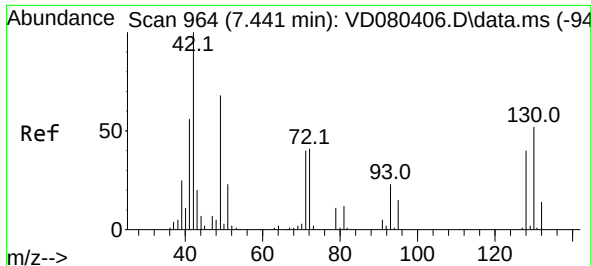
Ion Ratio Lower Upper

49 100

129 1.3 0.0 1.2#

130 67.7 58.6 88.0





#29

Tetrahydrofuran

Concen: 25.231 ug/l

RT: 7.447 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

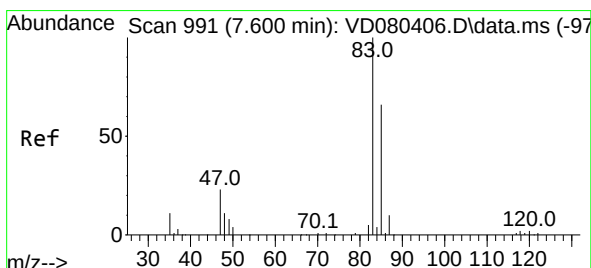
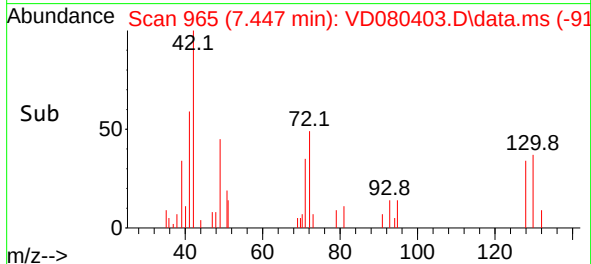
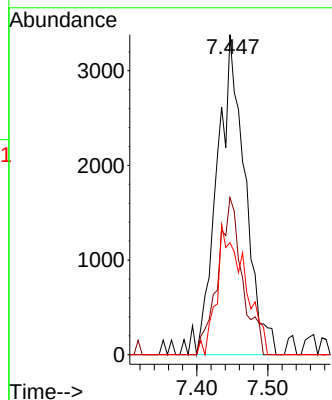
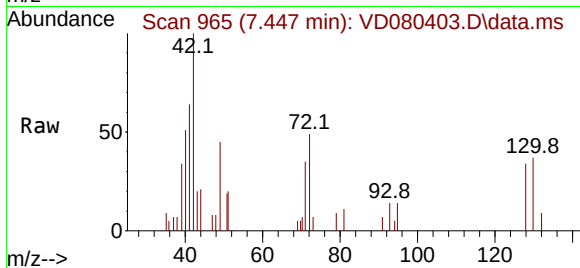
Tgt Ion: 42 Resp: 9287

Ion Ratio Lower Upper

42 100

72 42.7 34.1 51.1

71 40.2 32.2 48.4



#30

Chloroform

Concen: 5.308 ug/l

RT: 7.600 min Scan# 991

Delta R.T. 0.000 min

Lab File: VD080403.D

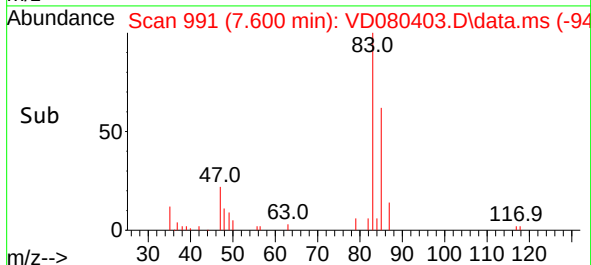
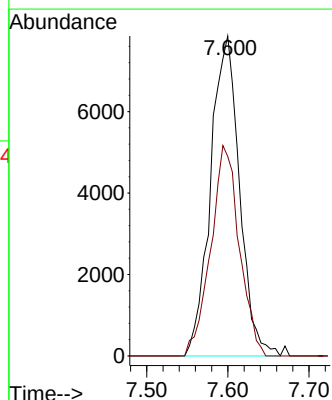
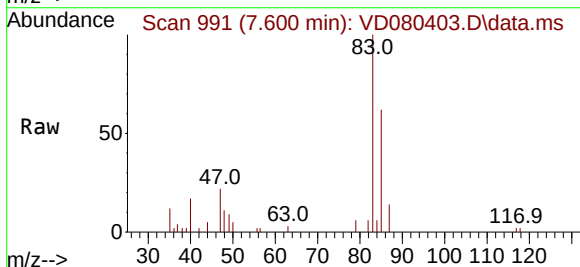
Acq: 04 Jun 2025 08:37

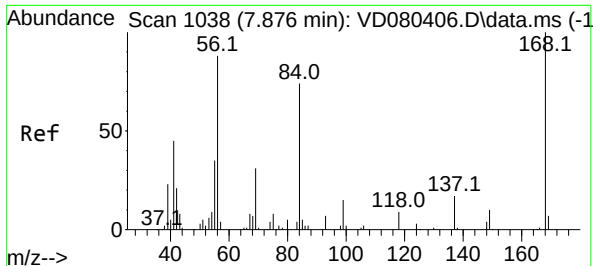
Tgt Ion: 83 Resp: 19426

Ion Ratio Lower Upper

83 100

85 62.3 52.8 79.2





#31

Cyclohexane

Concen: 5.994 ug/l

RT: 7.882 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

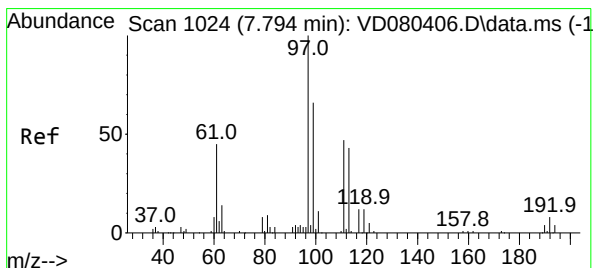
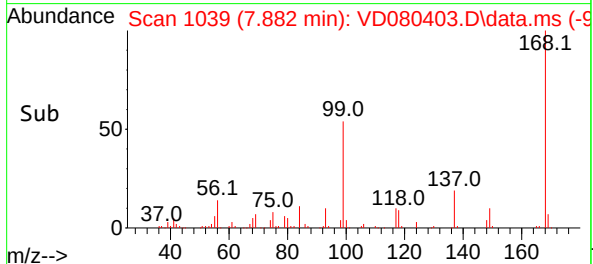
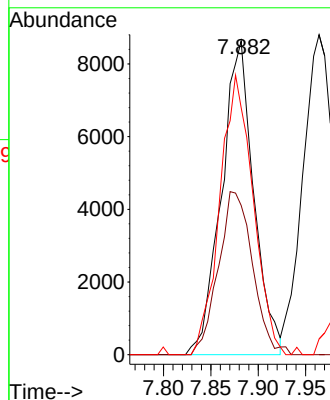
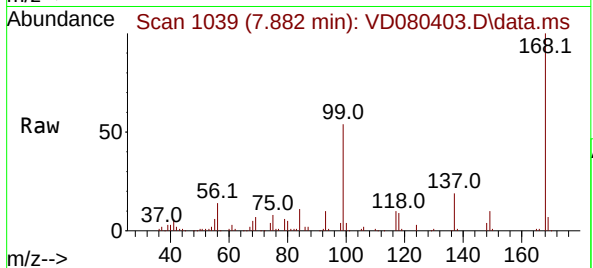
Tgt Ion: 56 Resp: 20447

Ion Ratio Lower Upper

56 100

69 47.6 28.5 42.7#

84 78.8 67.4 101.0



#32

1,1,1-Trichloroethane

Concen: 5.526 ug/l

RT: 7.788 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

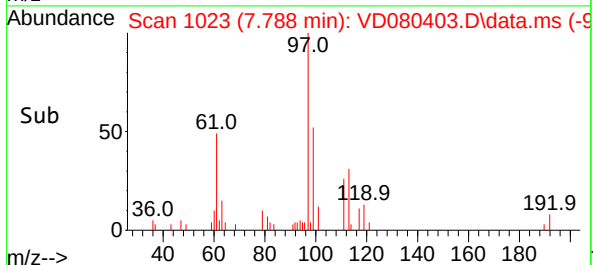
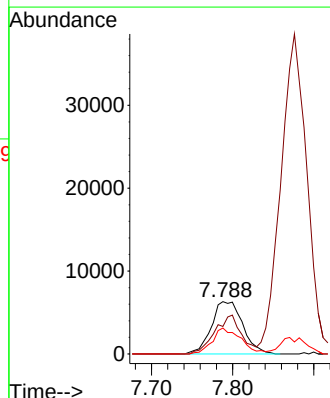
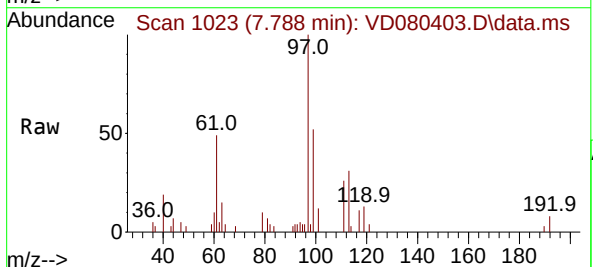
Tgt Ion: 97 Resp: 16913

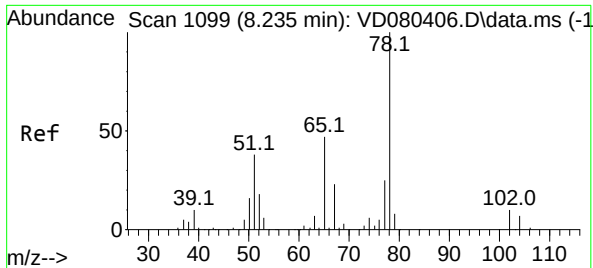
Ion Ratio Lower Upper

97 100

99 63.6 50.2 75.4

61 45.0 36.2 54.2

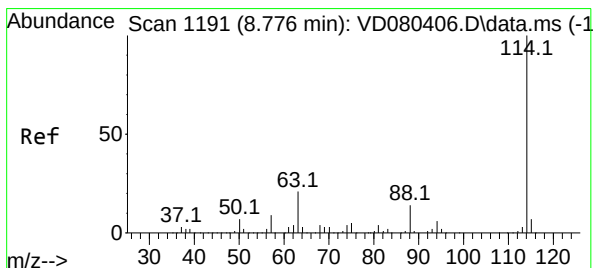
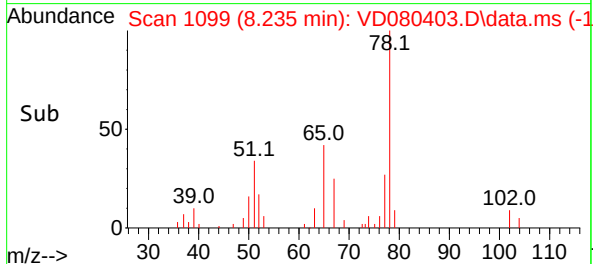
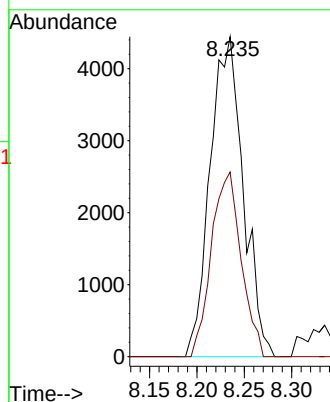
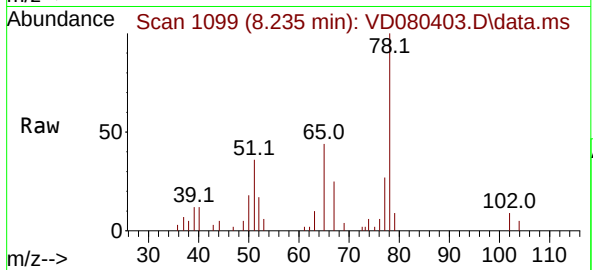




#33
 1,2-Dichloroethane-d4
 Concen: 5.657 ug/l
 RT: 8.235 min Scan# 1099
 Delta R.T. 0.000 min
 Lab File: VD080403.D
 Acq: 04 Jun 2025 08:37

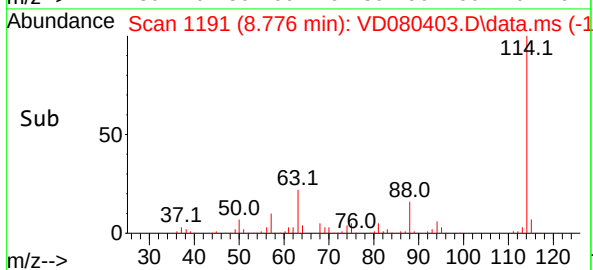
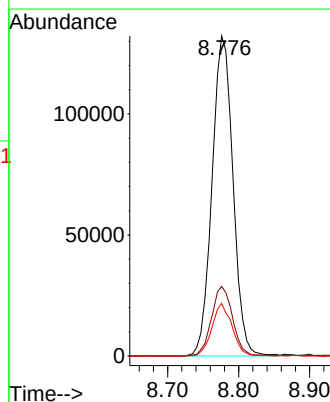
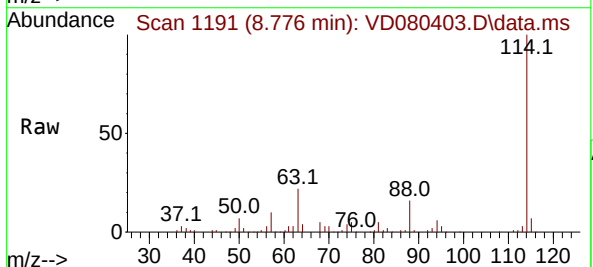
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

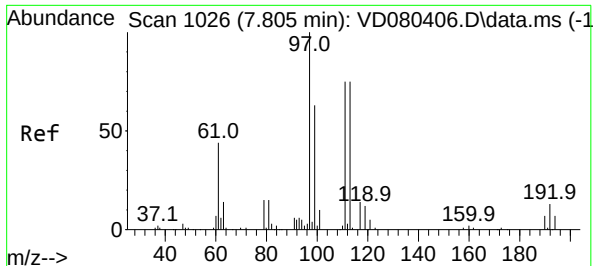
Tgt Ion: 65 Resp: 10821
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.776 min Scan# 1191
 Delta R.T. 0.000 min
 Lab File: VD080403.D
 Acq: 04 Jun 2025 08:37

Tgt Ion: 114 Resp: 270679
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.0
 88 16.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 4.912 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

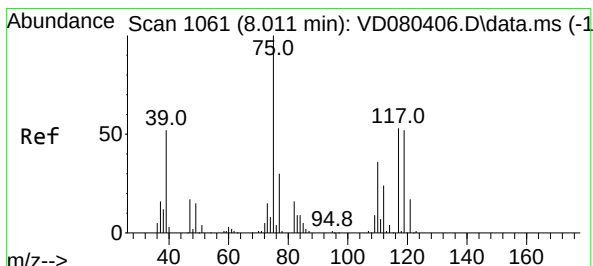
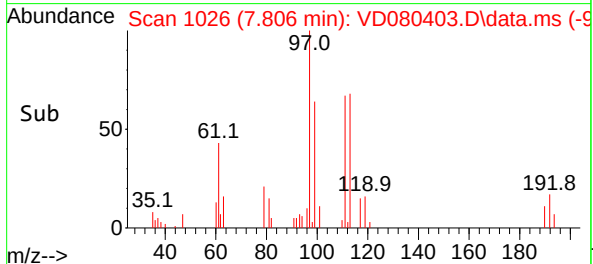
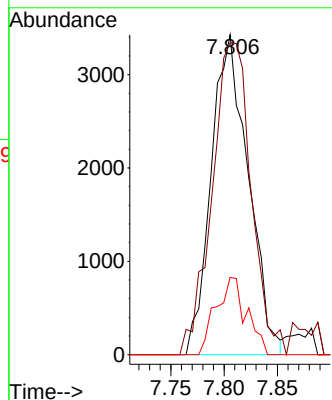
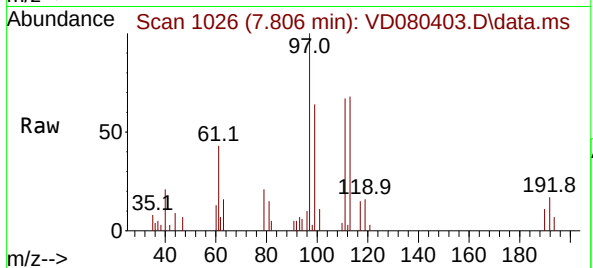
Tgt Ion:113 Resp: 8309

Ion Ratio Lower Upper

113 100

111 102.6 84.6 127.0

192 19.9 15.8 23.6



#36

1,1-Dichloropropene

Concen: 5.417 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

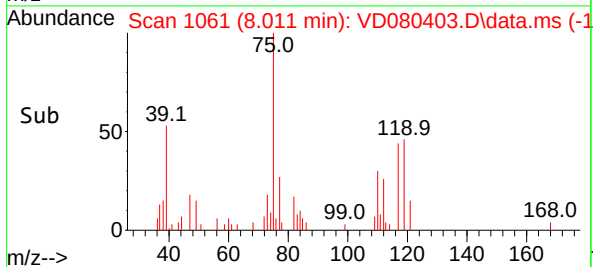
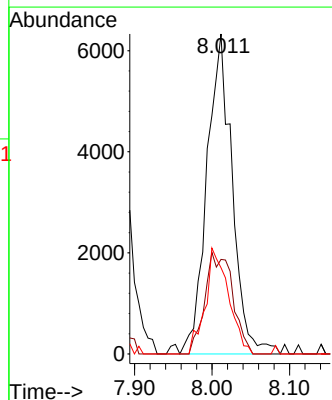
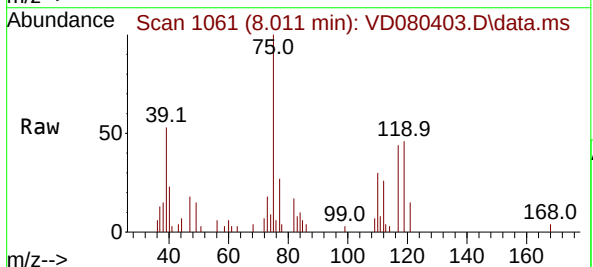
Tgt Ion: 75 Resp: 14363

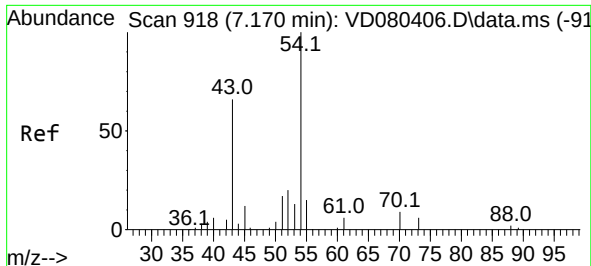
Ion Ratio Lower Upper

75 100

110 34.6 17.4 52.3

77 30.3 25.0 37.4





#37

Ethyl Acetate

Concen: 4.817 ug/l

RT: 7.170 min Scan# 918

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

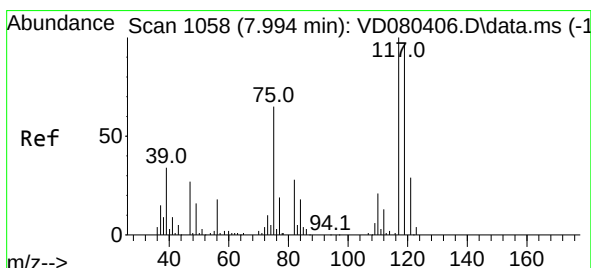
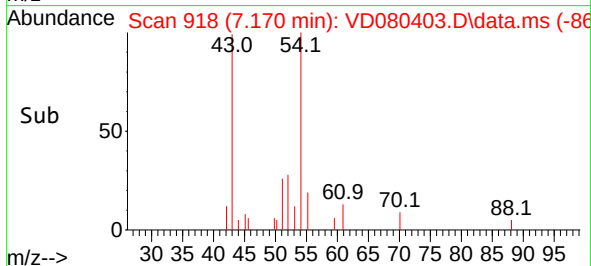
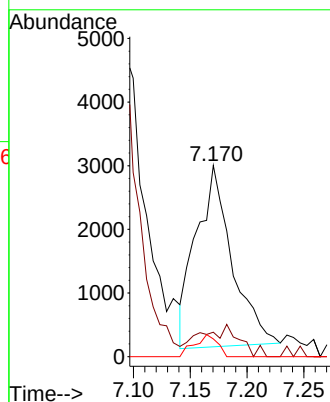
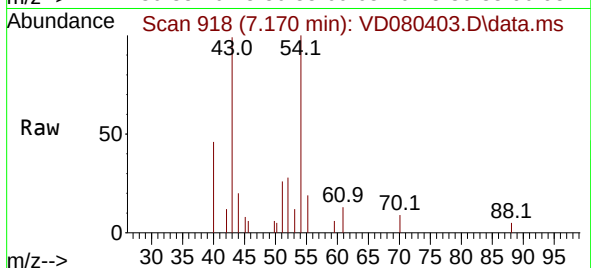
Tgt Ion: 43 Resp: 6258

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 7.7 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 5.267 ug/l

RT: 7.994 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

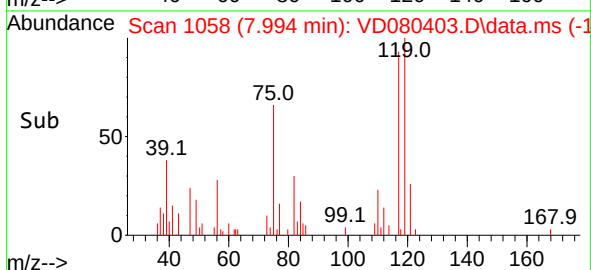
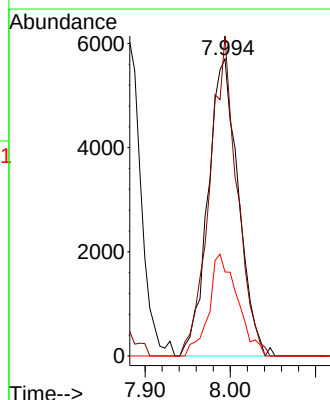
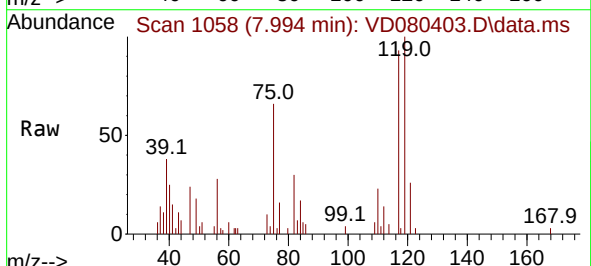
Tgt Ion: 117 Resp: 14114

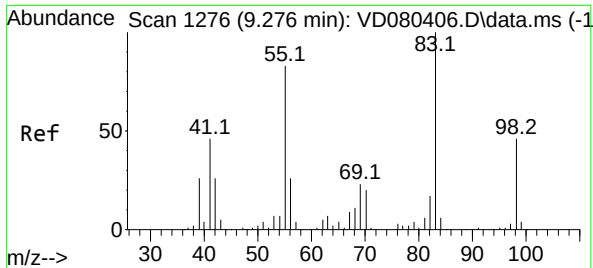
Ion Ratio Lower Upper

117 100

119 107.7 78.0 117.0

121 28.3 23.2 34.8





#39

Methylcyclohexane

Concen: 5.232 ug/l

RT: 9.270 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

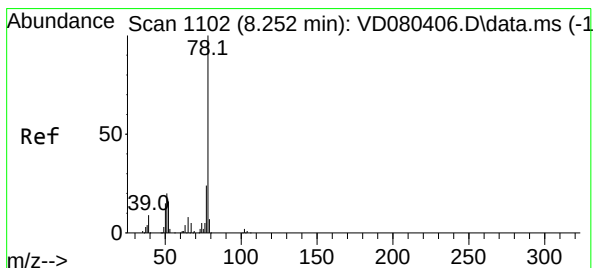
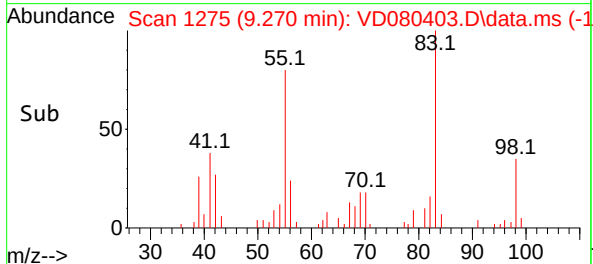
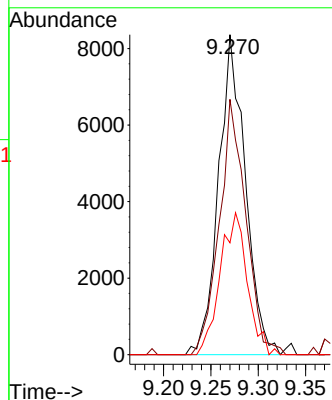
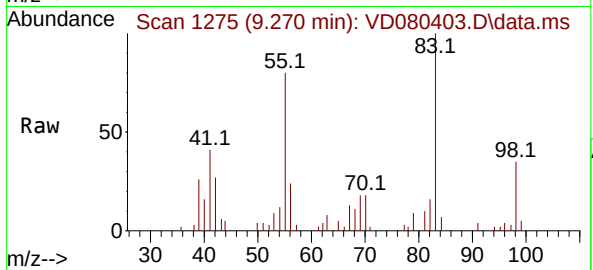
Tgt Ion: 83 Resp: 16430

Ion Ratio Lower Upper

83 100

55 79.8 66.2 99.4

98 35.0 37.0 55.6#



#40

Benzene

Concen: 5.058 ug/l

RT: 8.247 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VD080403.D

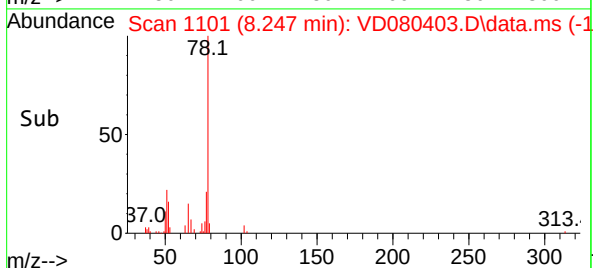
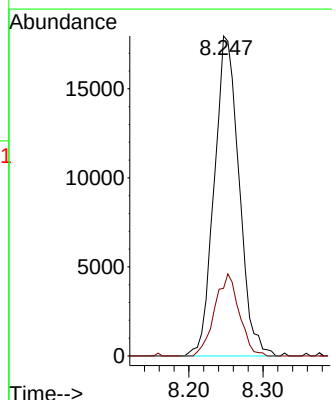
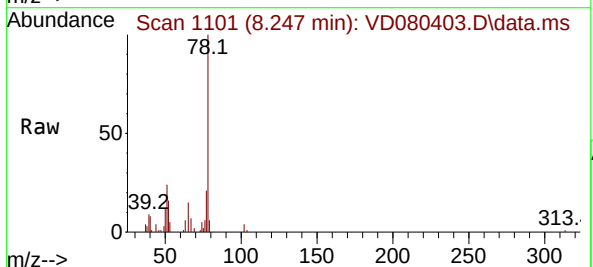
Acq: 04 Jun 2025 08:37

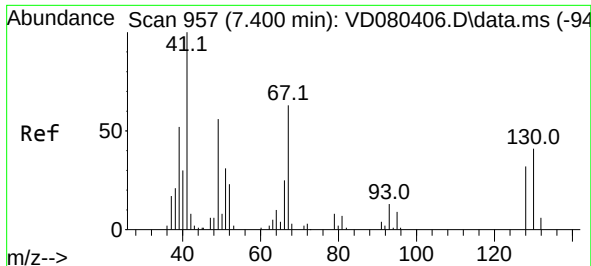
Tgt Ion: 78 Resp: 41755

Ion Ratio Lower Upper

78 100

77 21.1 19.6 29.4

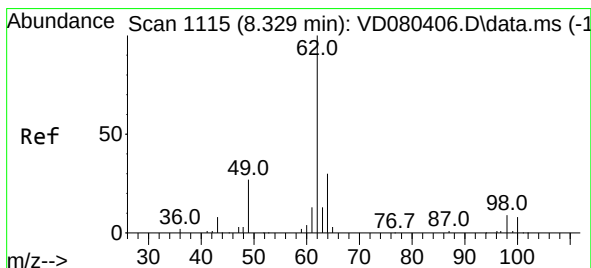
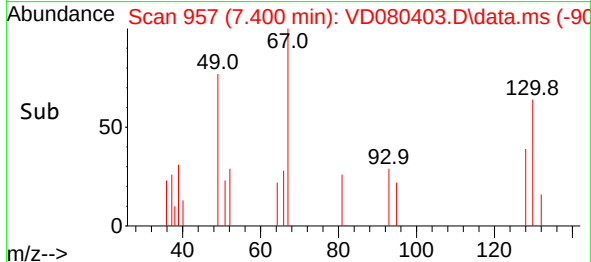
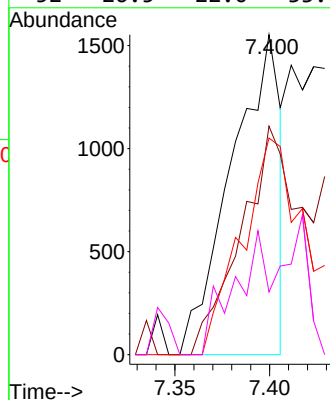
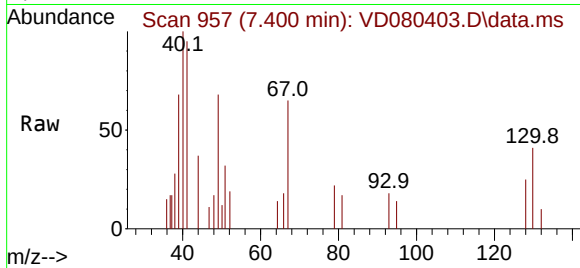




#41
Methacrylonitrile
Concen: 3.503 ug/l
RT: 7.400 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

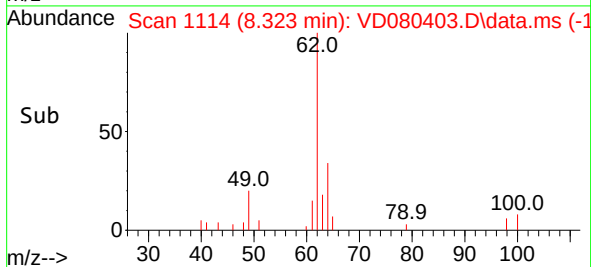
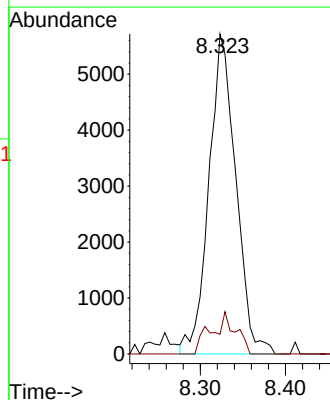
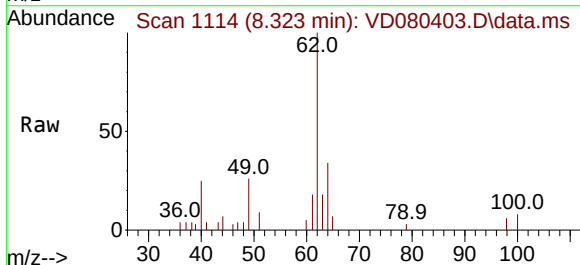
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

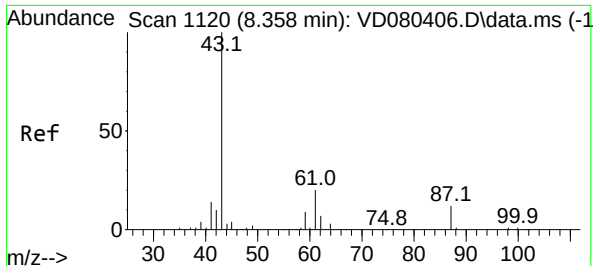
Tgt Ion:	41	Resp:	2803
Ion	Ratio	Lower	Upper
41	100		
39	86.2	37.6	56.4#
67	91.1	50.4	75.6#
52	26.5	22.0	33.0



#42
1,2-Dichloroethane
Concen: 5.578 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion:	62	Resp:	12535
Ion	Ratio	Lower	Upper
62	100		
98	6.3	0.0	19.2

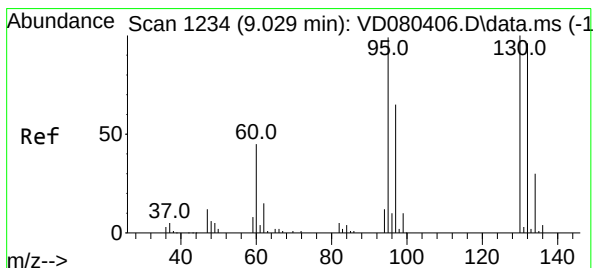
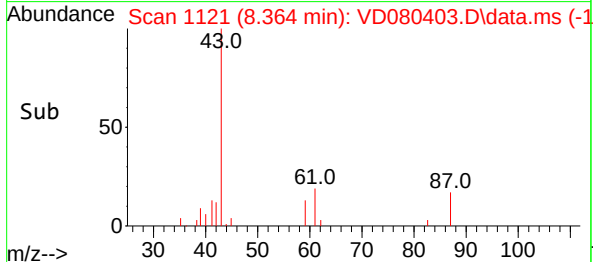
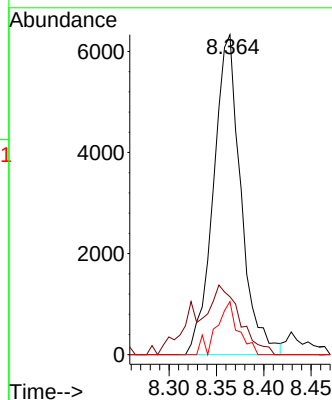
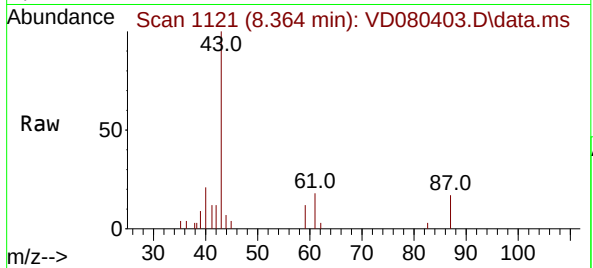




#43
Isopropyl Acetate
Concen: 5.182 ug/l
RT: 8.364 min Scan# 1121
Delta R.T. 0.006 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

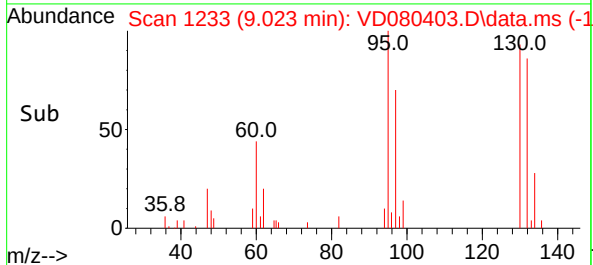
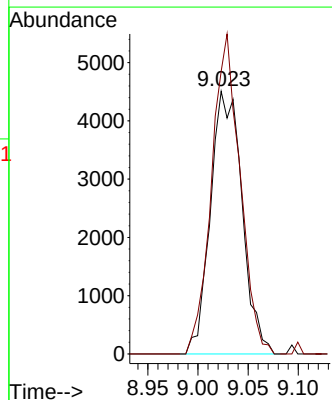
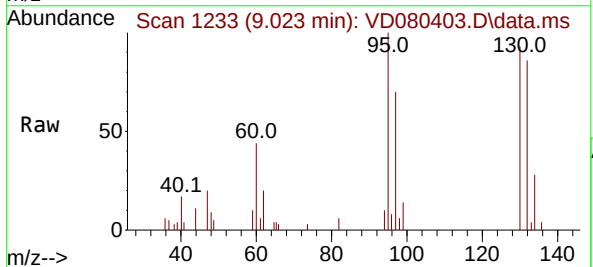
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

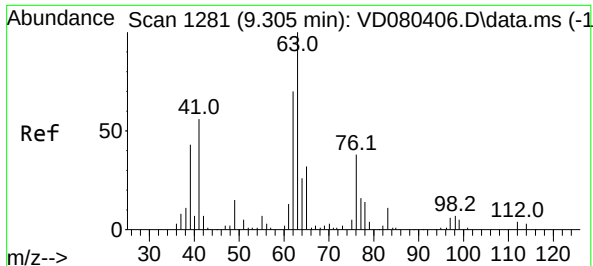
Tgt Ion: 43 Resp: 12799
Ion Ratio Lower Upper
43 100
61 23.6 24.4 36.6#
87 13.2 10.2 15.4



#44
Trichloroethene
Concen: 5.176 ug/l
RT: 9.023 min Scan# 1233
Delta R.T. -0.006 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion:130 Resp: 9897
Ion Ratio Lower Upper
130 100
95 107.6 0.0 198.2





#45

1,2-Dichloropropane

Concen: 5.445 ug/l

RT: 9.300 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA_D

ClientSampleId :

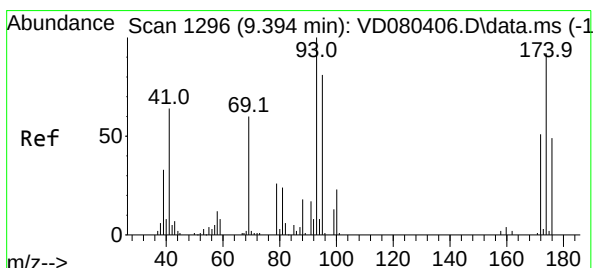
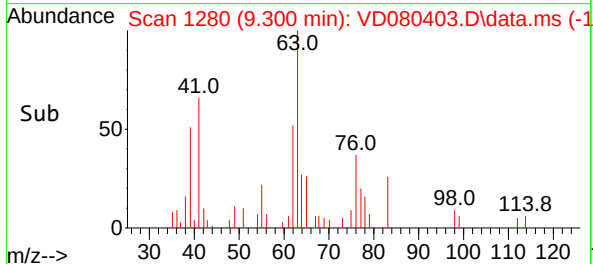
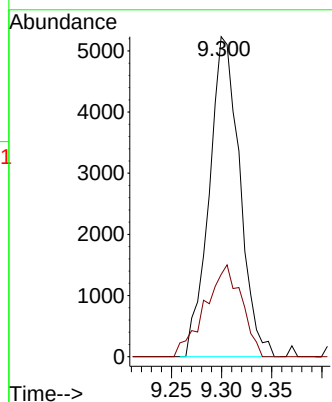
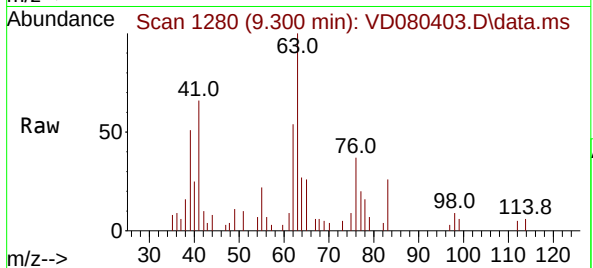
VSTDICC005

Tgt Ion: 63 Resp: 11069

Ion Ratio Lower Upper

63 100

65 25.7 25.3 37.9



#46

Dibromomethane

Concen: 5.593 ug/l

RT: 9.400 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

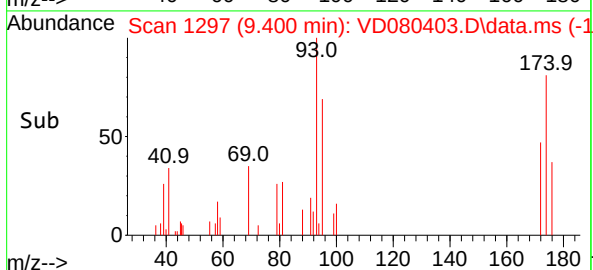
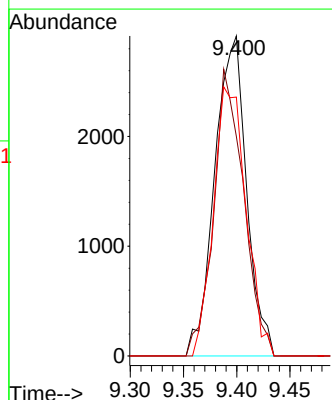
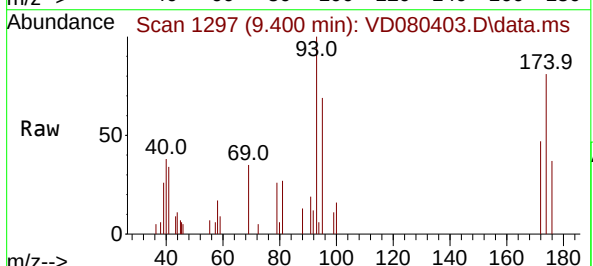
Tgt Ion: 93 Resp: 6053

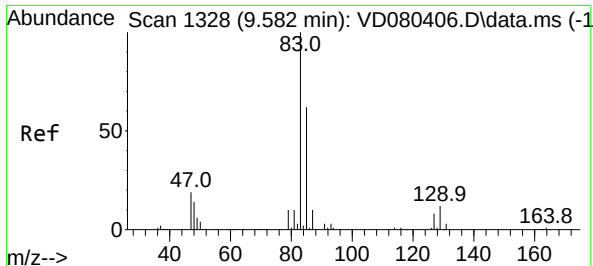
Ion Ratio Lower Upper

93 100

95 84.3 65.7 98.5

174 86.1 74.6 112.0

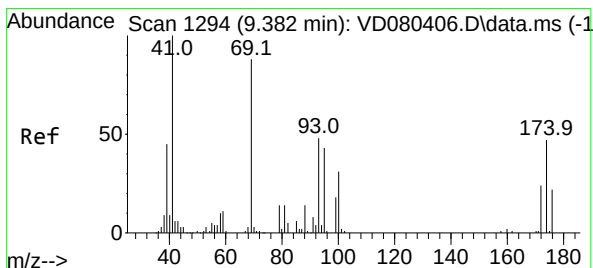
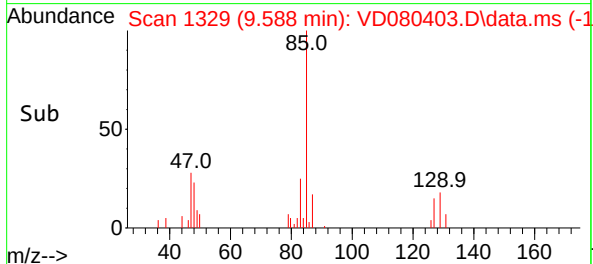
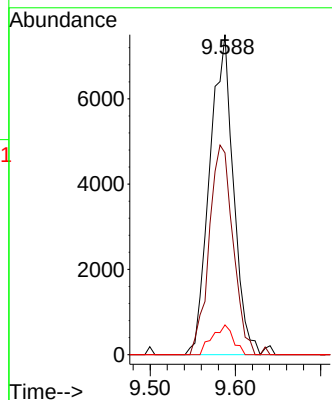
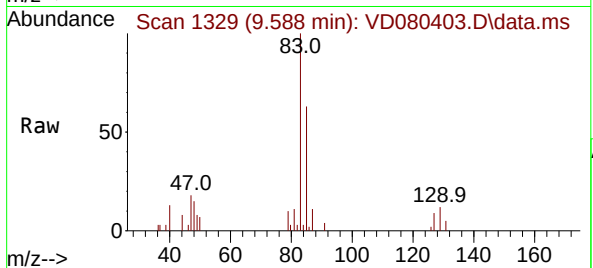




#47
Bromodichloromethane
Concen: 5.317 ug/l
RT: 9.588 min Scan# 1329
Delta R.T. 0.006 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

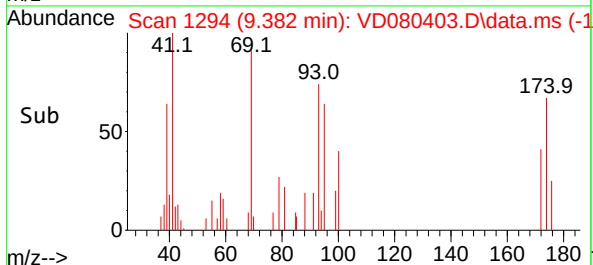
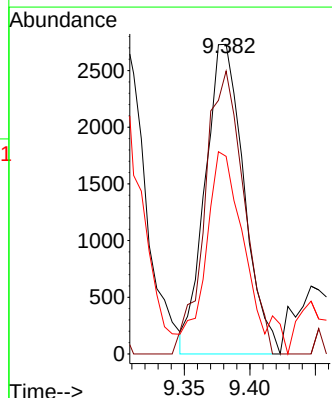
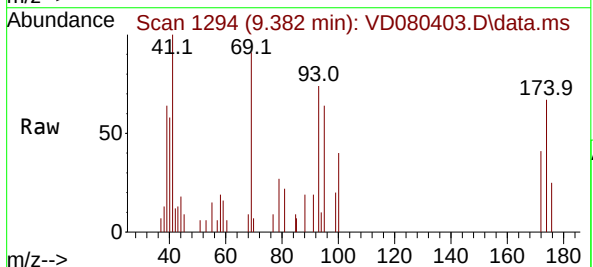
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

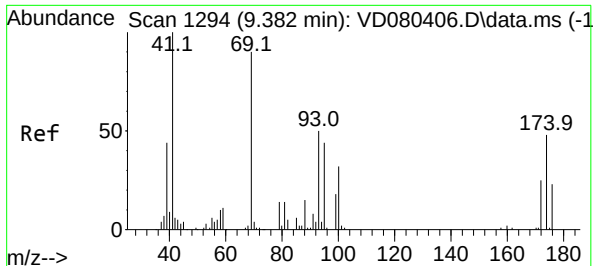
Tgt Ion: 83 Resp: 14616
Ion Ratio Lower Upper
83 100
85 63.1 49.6 74.4
127 9.3 6.5 9.7



#48
Methyl methacrylate
Concen: 4.630 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 41 Resp: 5609
Ion Ratio Lower Upper
41 100
69 92.1 67.1 100.7
39 65.8 38.2 57.2





#49

1,4-Dioxane

Concen: 99.148 ug/l

RT: 9.382 min Scan# 1197

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

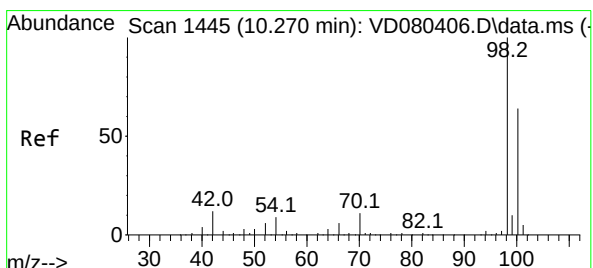
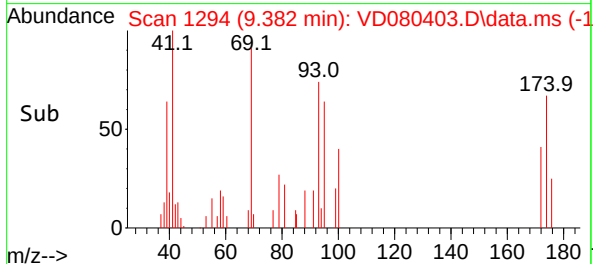
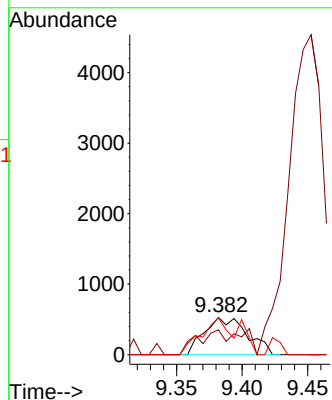
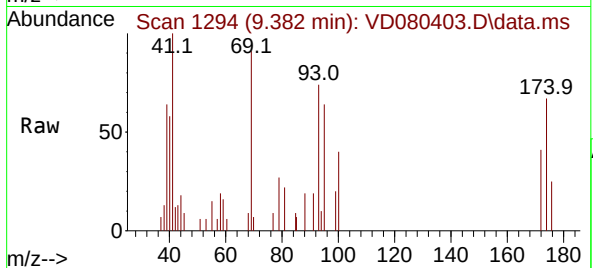
Tgt Ion: 88 Resp: 1197

Ion Ratio Lower Upper

88 100

43 43.1 29.9 44.9

58 86.6 61.8 92.8



#50

Toluene-d8

Concen: 4.631 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080403.D

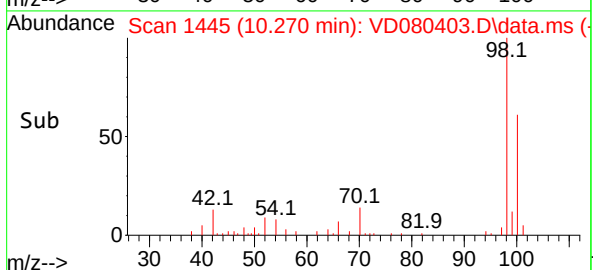
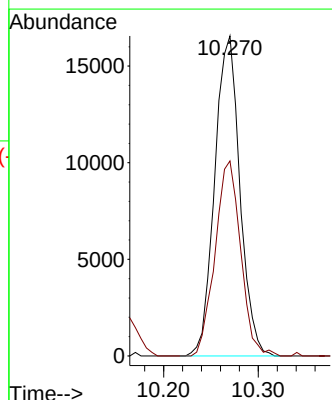
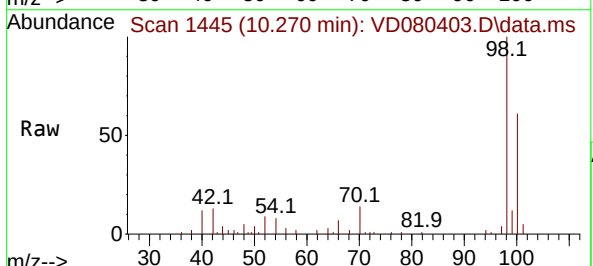
Acq: 04 Jun 2025 08:37

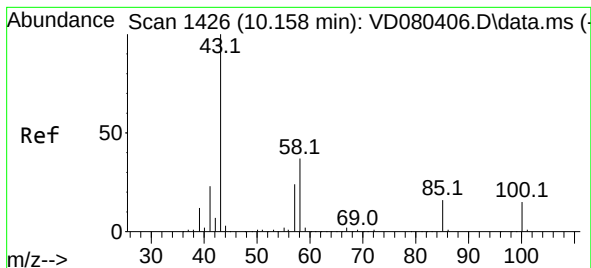
Tgt Ion: 98 Resp: 30609

Ion Ratio Lower Upper

98 100

100 62.0 50.9 76.3

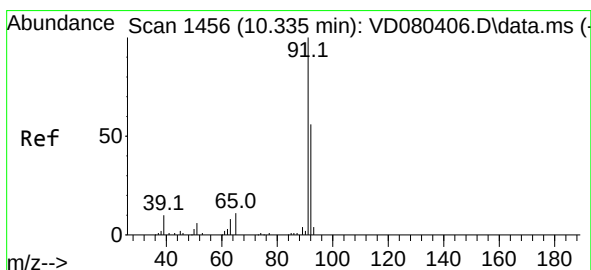
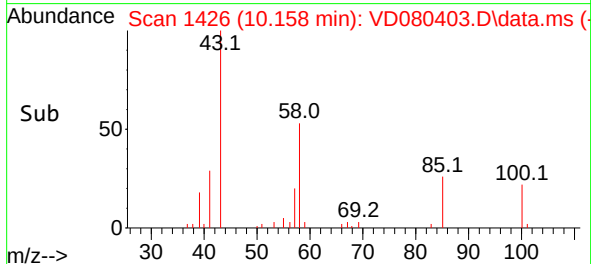
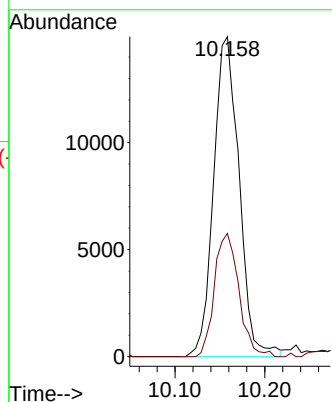
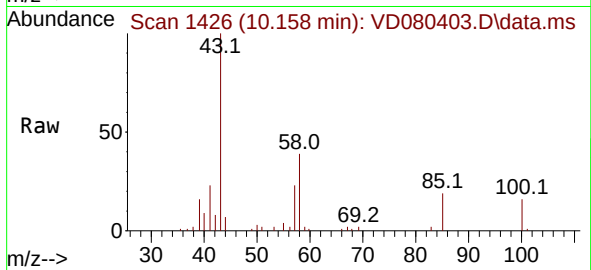




#51
4-Methyl-2-Pentanone
Concen: 23.369 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

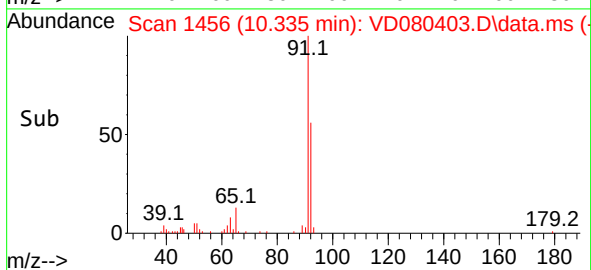
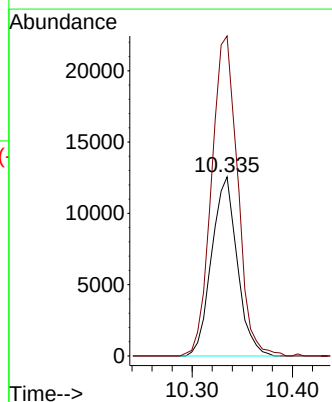
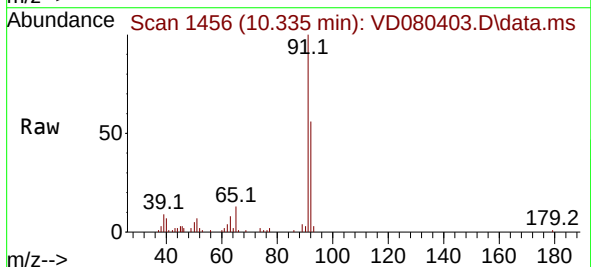
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

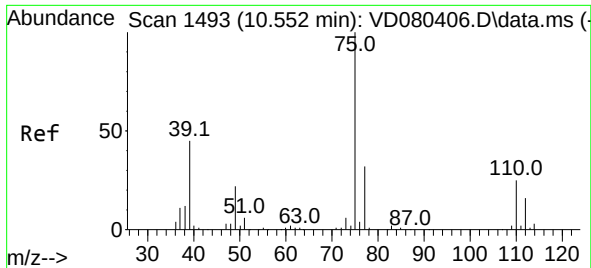
Tgt Ion: 43 Resp: 29488
Ion Ratio Lower Upper
43 100
58 37.0 30.2 45.2



#52
Toluene
Concen: 4.640 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 92 Resp: 22278
Ion Ratio Lower Upper
92 100
91 182.6 140.5 210.7

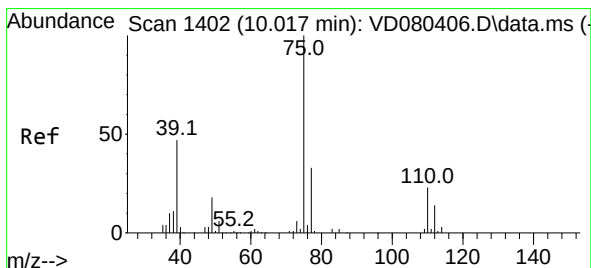
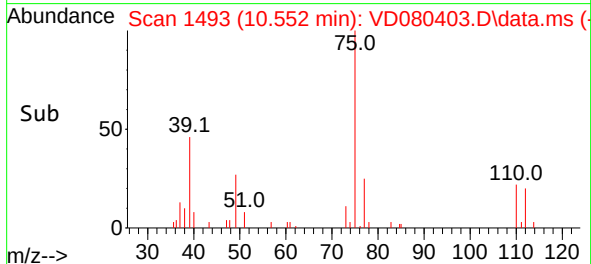
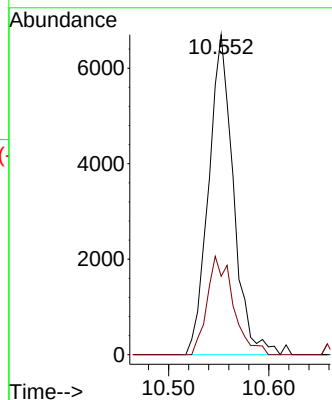
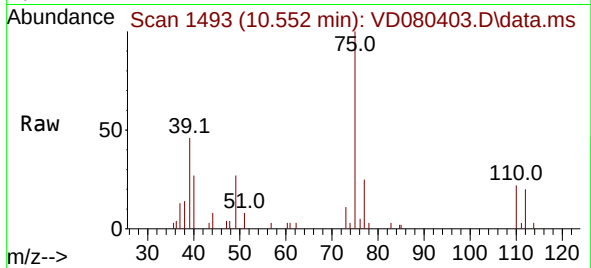




#53
t-1,3-Dichloropropene
Concen: 4.691 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

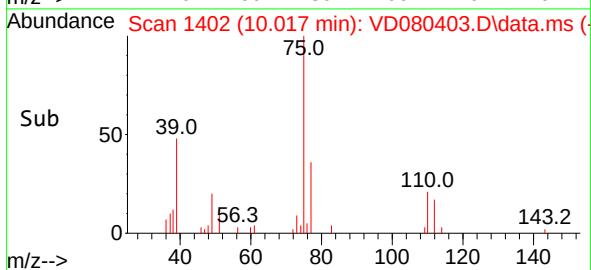
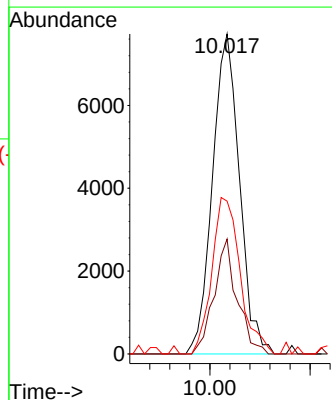
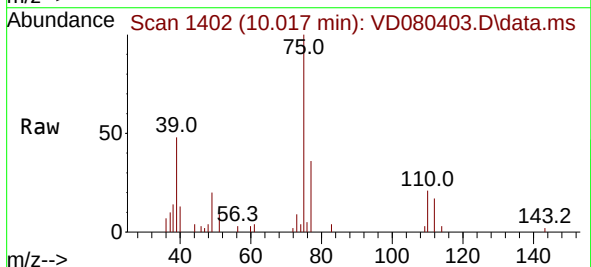
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

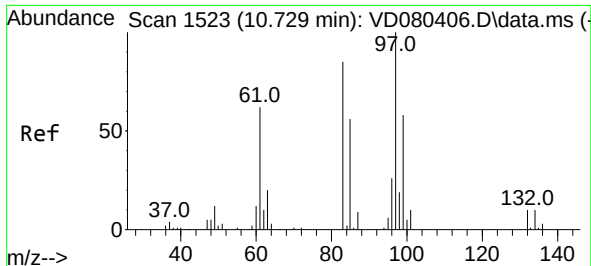
Tgt Ion: 75 Resp: 11506
Ion Ratio Lower Upper
75 100
77 24.5 25.8 38.8#



#54
cis-1,3-Dichloropropene
Concen: 4.866 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 75 Resp: 14444
Ion Ratio Lower Upper
75 100
77 35.9 26.6 40.0
39 47.7 37.8 56.6

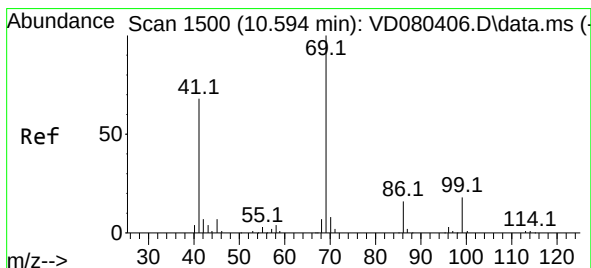
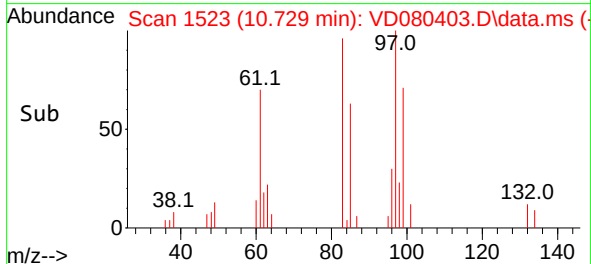
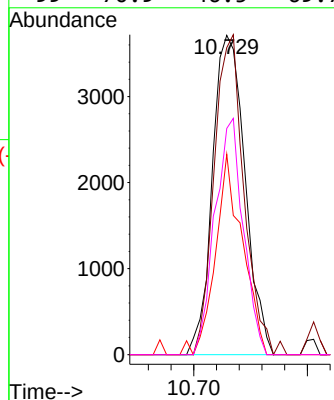
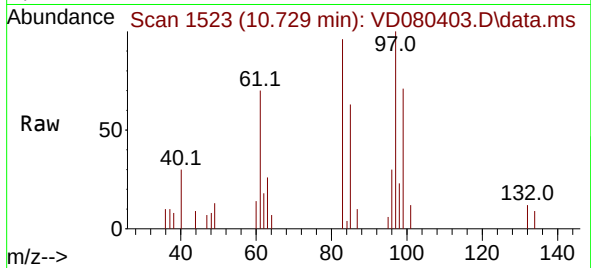




#55
1,1,2-Trichloroethane
Concen: 5.249 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

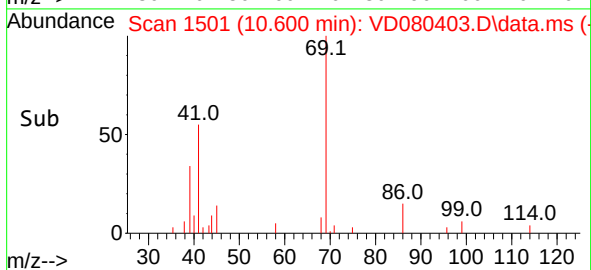
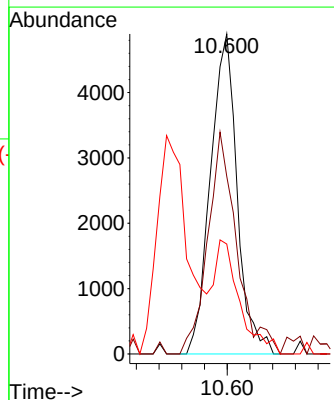
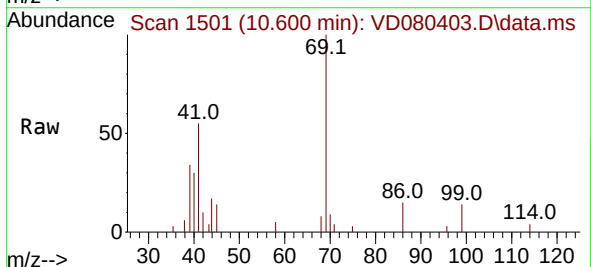
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

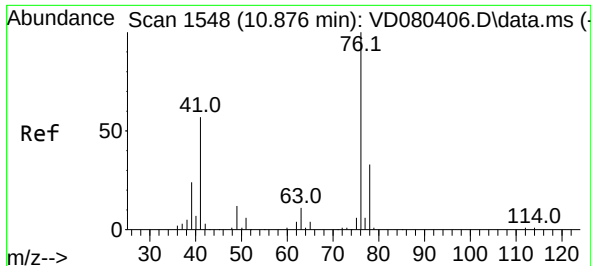
Tgt Ion: 97	Resp: 7397
Ion Ratio	Lower Upper
97 100	
83 96.2	67.6 101.4
85 62.7	45.0 67.6
99 70.9	46.5 69.7#



#56
Ethyl methacrylate
Concen: 4.452 ug/l
RT: 10.600 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 69	Resp: 7974
Ion Ratio	Lower Upper
69 100	
41 75.2	53.6 80.4
39 34.3	27.2 40.8

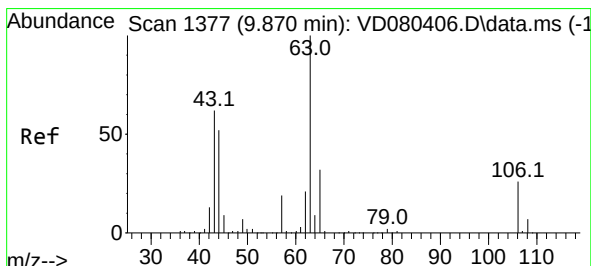
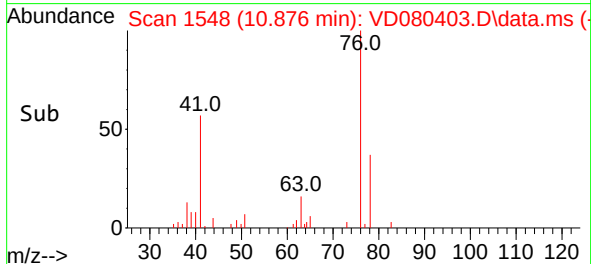
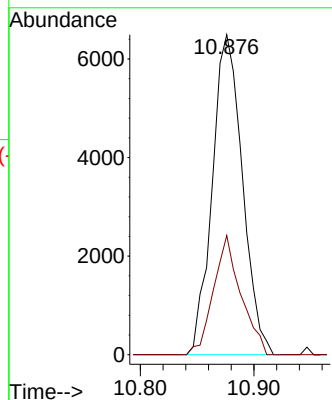
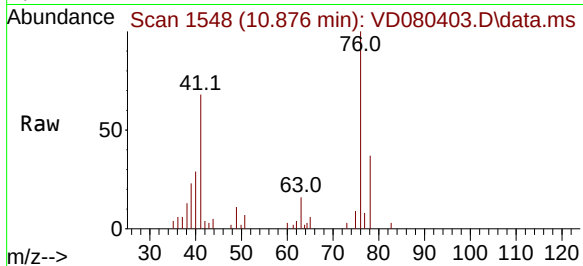




#57
1,3-Dichloropropane
Concen: 4.957 ug/l
RT: 10.876 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

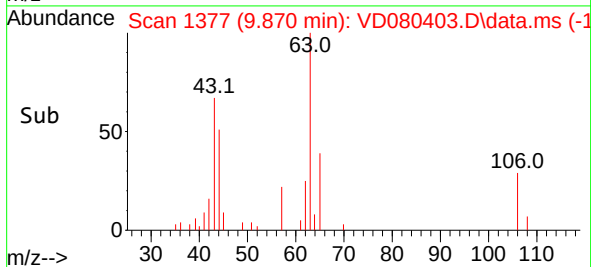
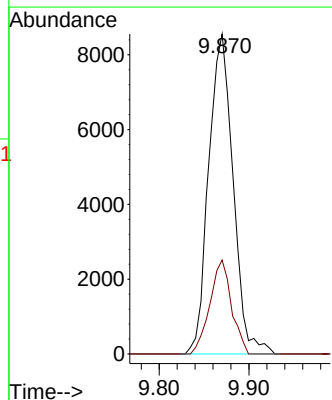
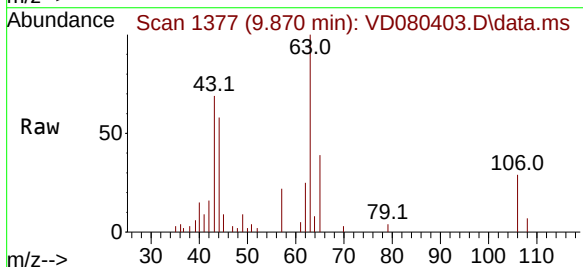
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

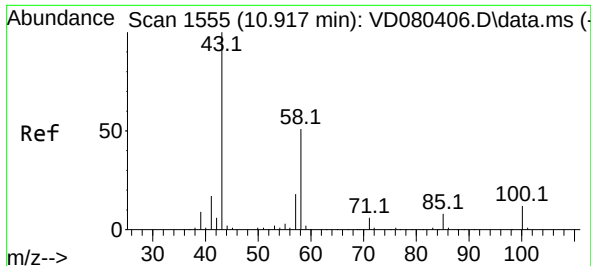
Tgt Ion: 76 Resp: 11981
Ion Ratio Lower Upper
76 100
78 33.9 26.3 39.5



#58
2-Chloroethyl Vinyl ether
Concen: 21.537 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 63 Resp: 16167
Ion Ratio Lower Upper
63 100
106 26.0 21.0 31.6

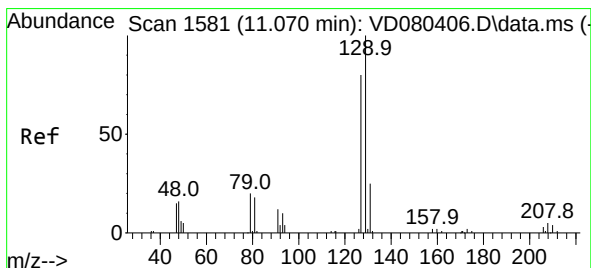
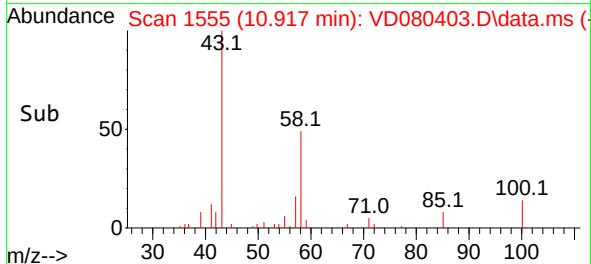
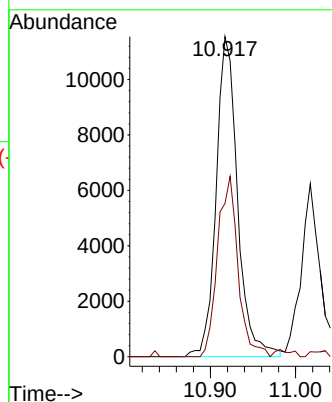
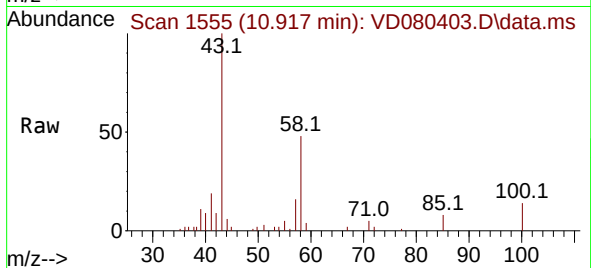




#59
2-Hexanone
Concen: 23.795 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

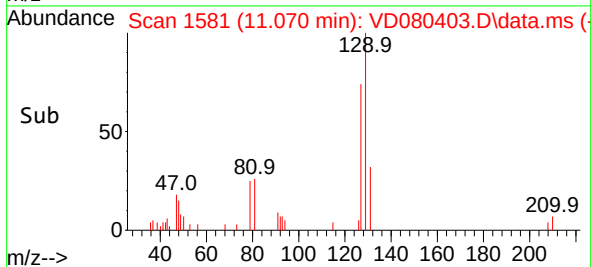
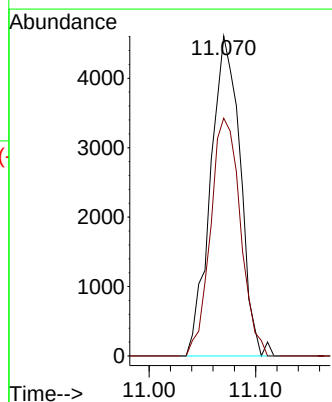
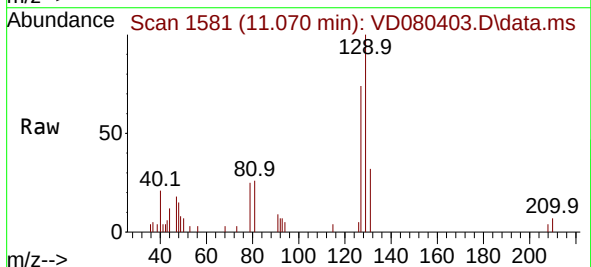
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

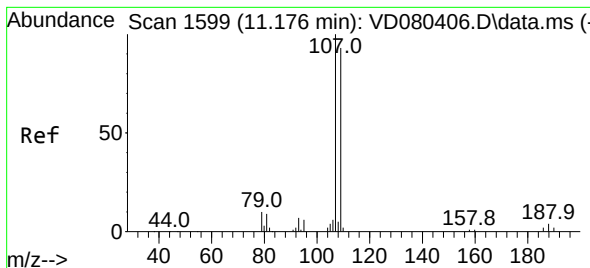
Tgt Ion: 43 Resp: 20169
Ion Ratio Lower Upper
43 100
58 53.7 26.9 80.6



#60
Dibromochloromethane
Concen: 5.162 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 129 Resp: 8919
Ion Ratio Lower Upper
129 100
127 74.8 38.2 114.6

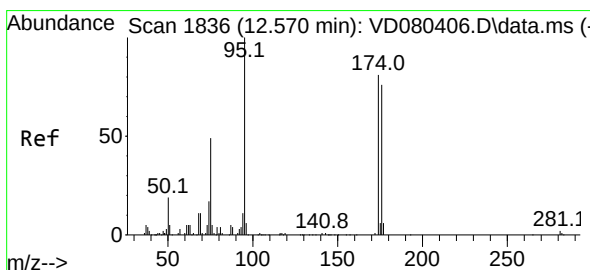
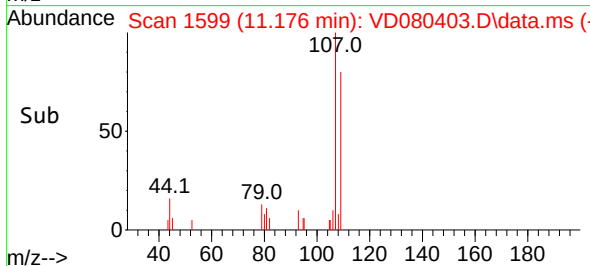
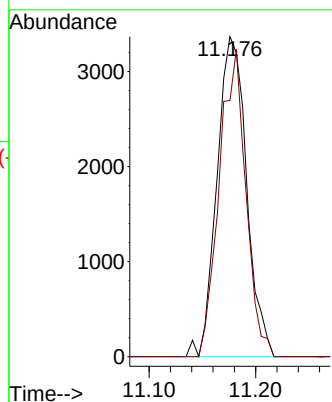
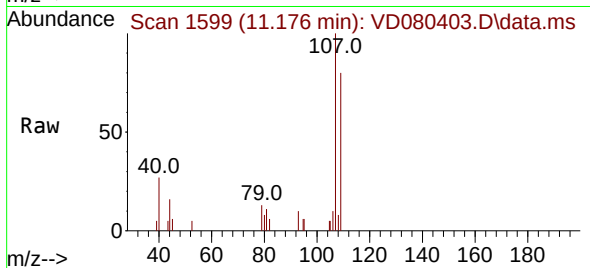




#61
1,2-Dibromoethane
Concen: 5.167 ug/l
RT: 11.176 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

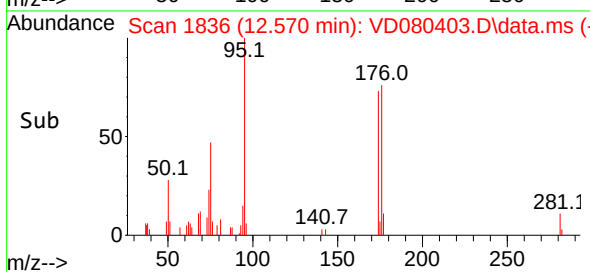
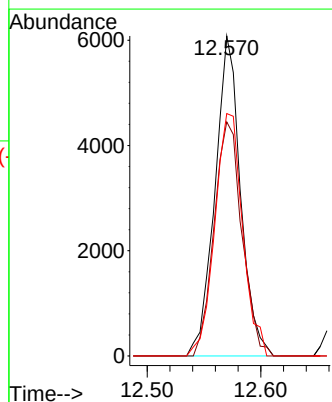
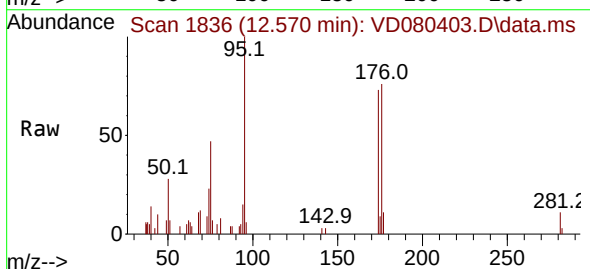
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

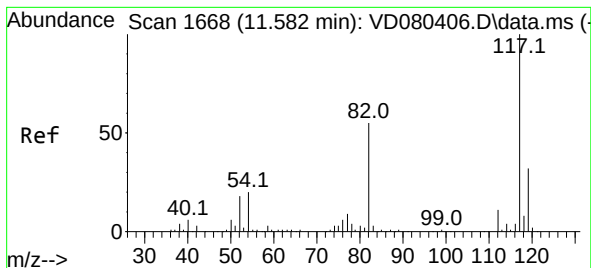
Tgt Ion:107 Resp: 6495
Ion Ratio Lower Upper
107 100
109 86.1 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 4.584 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 95 Resp: 9514
Ion Ratio Lower Upper
95 100
174 79.7 0.0 164.4
176 82.2 0.0 155.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

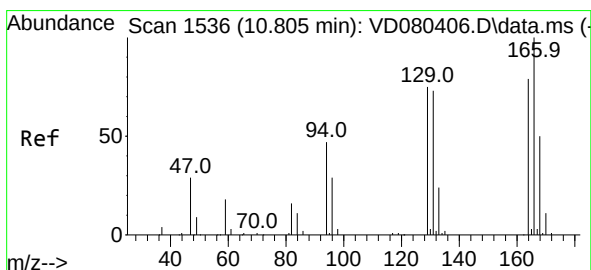
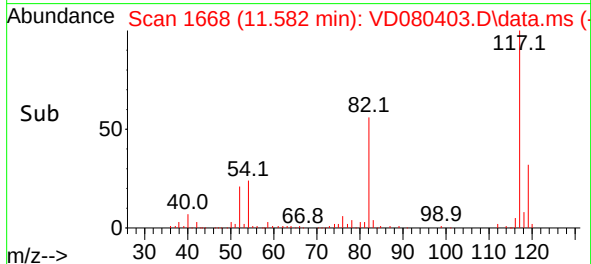
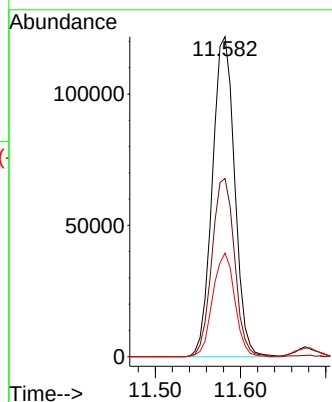
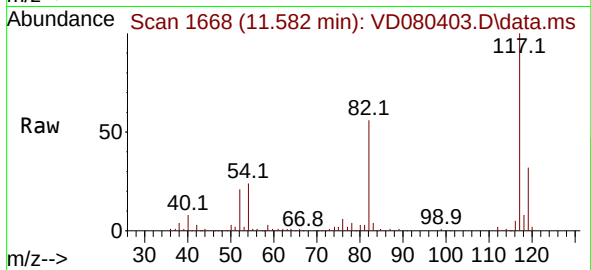
Tgt Ion:117 Resp: 221421

Ion Ratio Lower Upper

117 100

82 55.7 44.2 66.2

119 32.3 25.3 37.9



#64

Tetrachloroethene

Concen: 5.439 ug/l

RT: 10.811 min Scan# 1537

Delta R.T. 0.006 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Tgt Ion:164 Resp: 8086

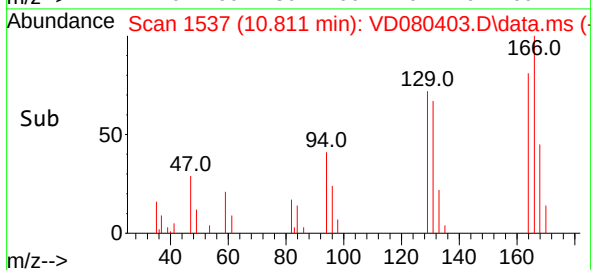
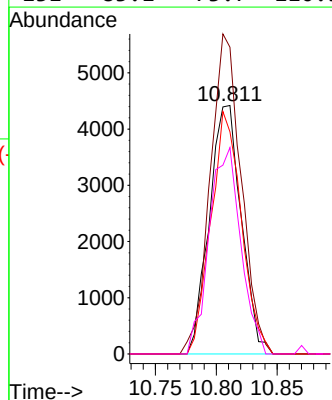
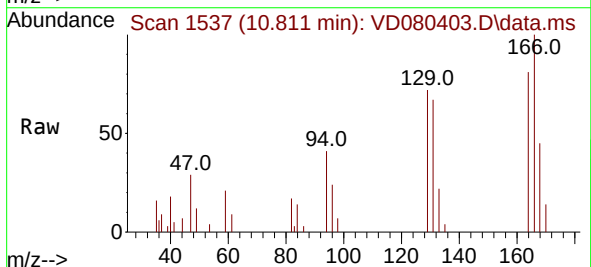
Ion Ratio Lower Upper

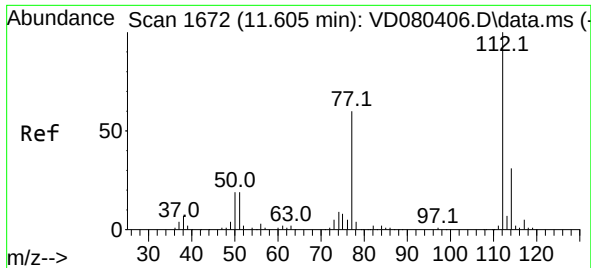
164 100

166 123.5 101.7 152.5

129 89.4 76.6 114.8

131 83.1 73.7 110.5

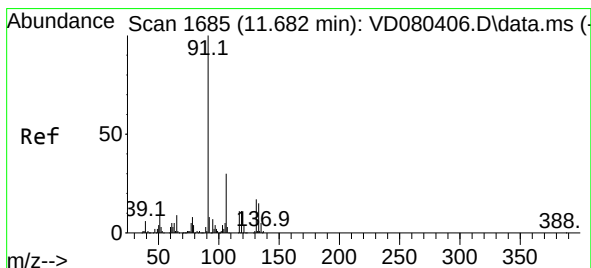
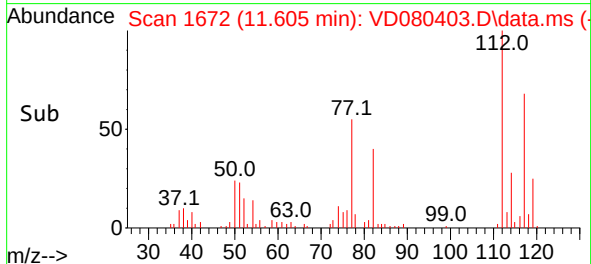
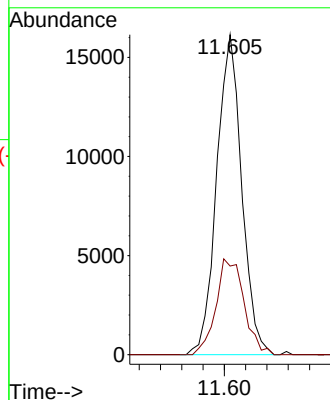
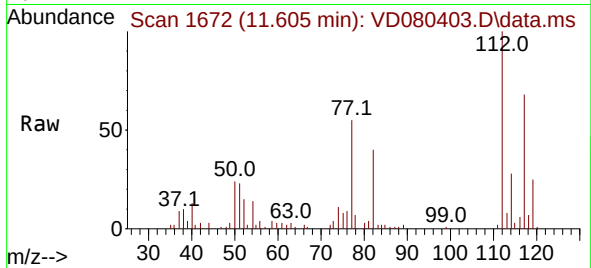




#65
Chlorobenzene
Concen: 5.370 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

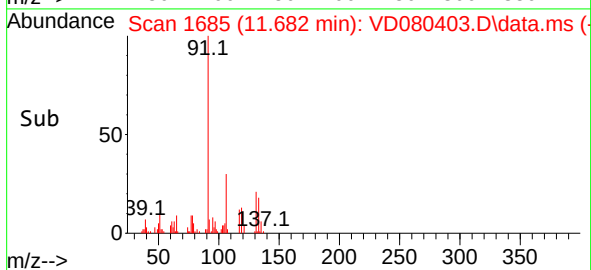
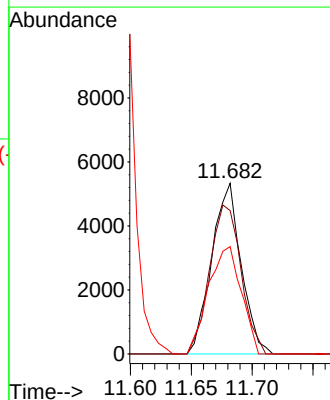
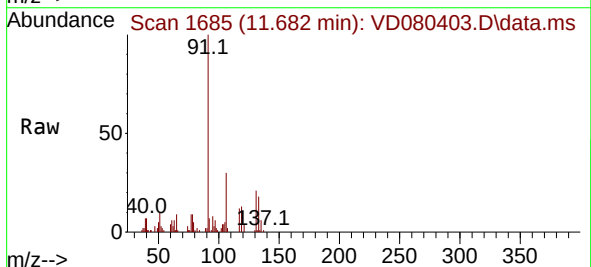
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

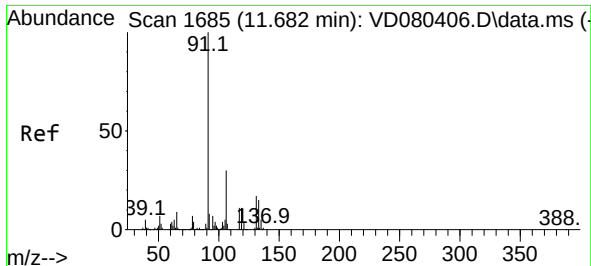
Tgt Ion:112 Resp: 26301
Ion Ratio Lower Upper
112 100
114 27.7 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 5.452 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion:131 Resp: 8965
Ion Ratio Lower Upper
131 100
133 93.3 45.9 137.6
119 70.3 33.1 99.5

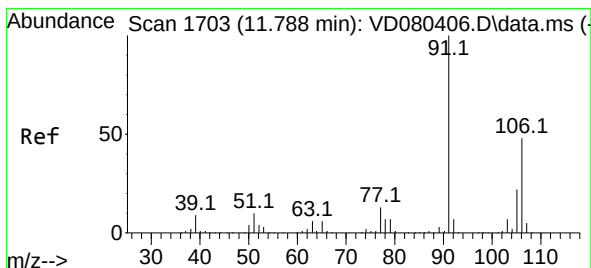
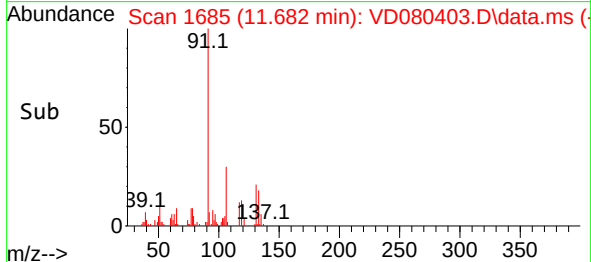
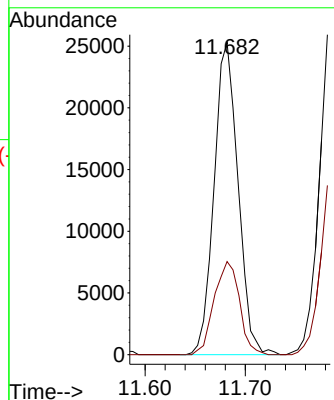
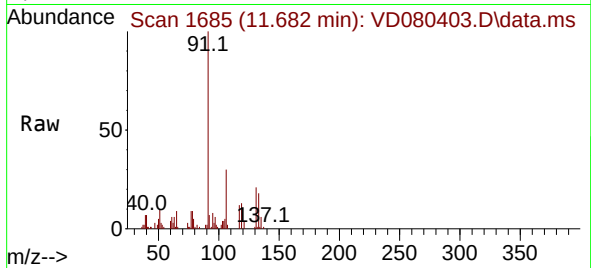




#67
Ethyl Benzene
Concen: 4.976 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

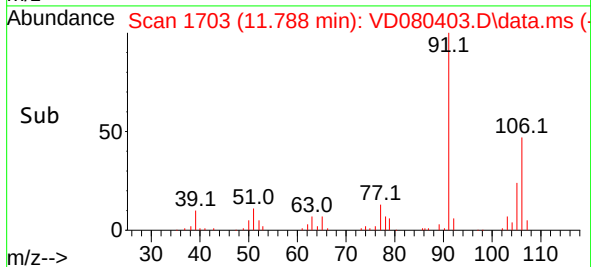
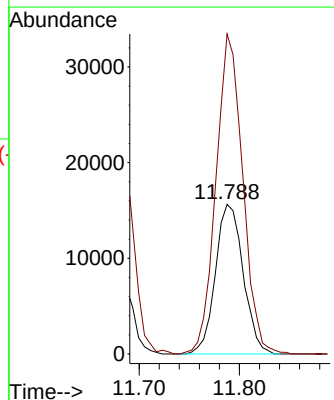
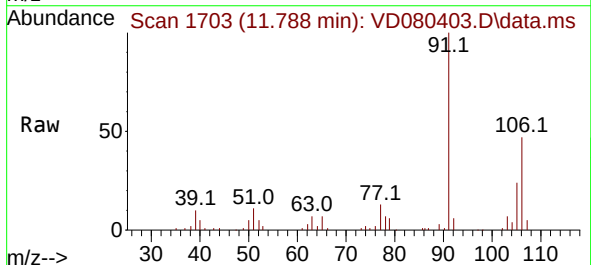
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

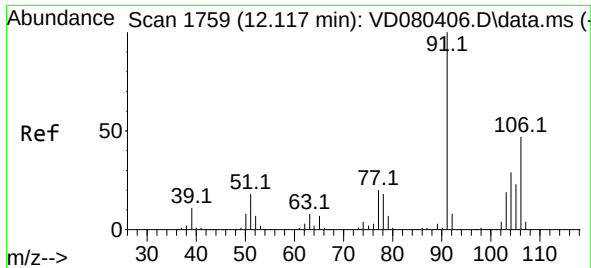
Tgt Ion: 91 Resp: 41938
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6



#68
m/p-Xylenes
Concen: 9.392 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 106 Resp: 30038
Ion Ratio Lower Upper
106 100
91 206.9 163.6 245.4

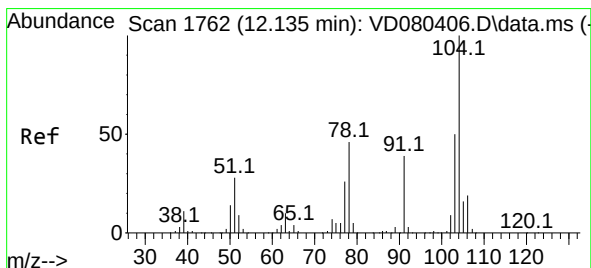
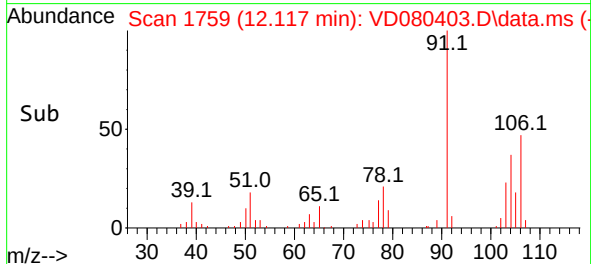
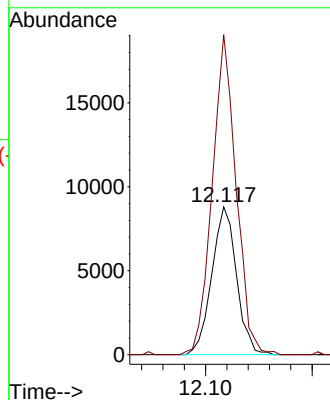
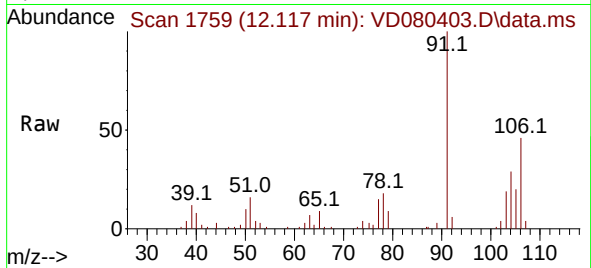




#69
o-Xylene
Concen: 4.776 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

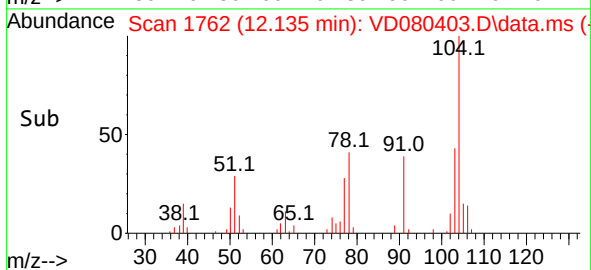
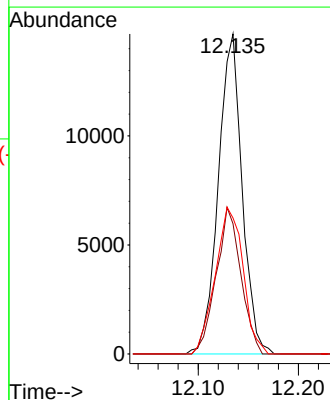
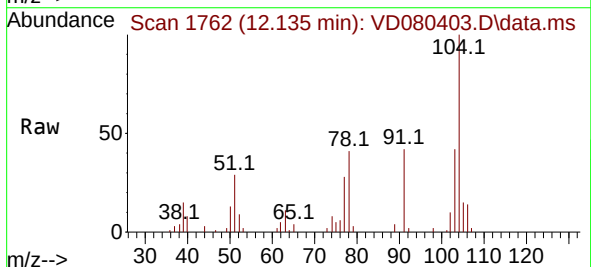
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

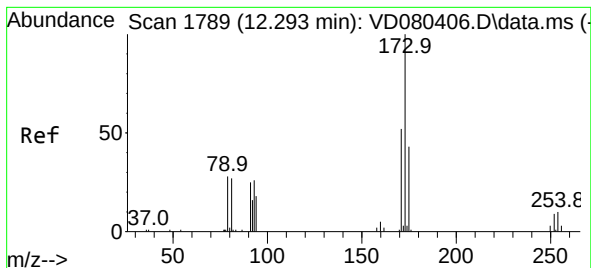
Tgt Ion:106 Resp: 14174
Ion Ratio Lower Upper
106 100
91 208.9 108.2 324.6



#70
Styrene
Concen: 4.619 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion:104 Resp: 24195
Ion Ratio Lower Upper
104 100
78 47.5 39.9 59.9
103 53.5 45.0 67.4





#71

Bromoform

Concen: 5.543 ug/l

RT: 12.294 min Scan# 1789

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

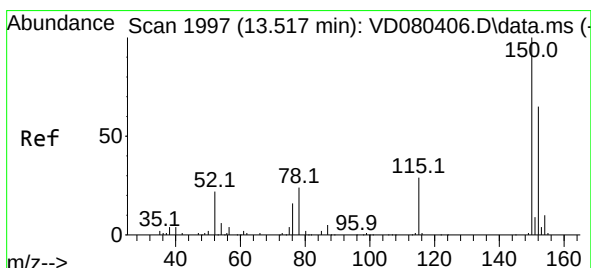
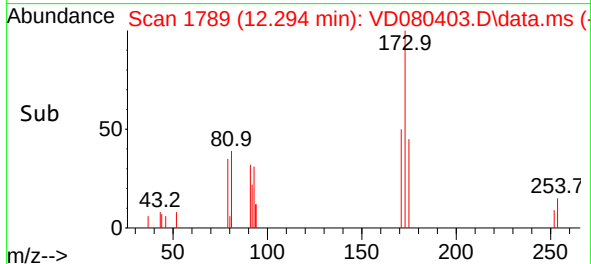
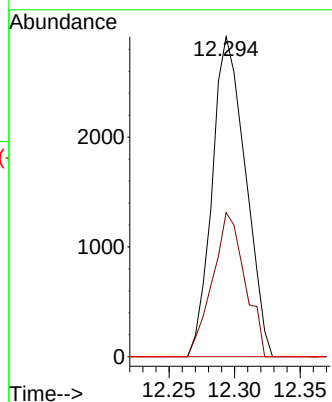
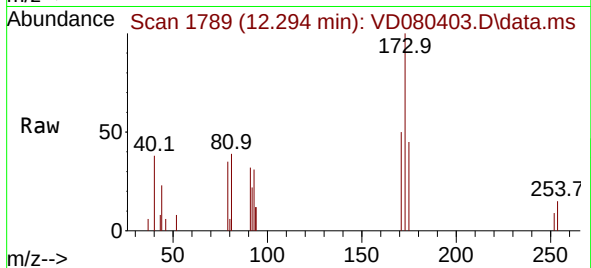
Tgt Ion:173 Resp: 5152

Ion Ratio Lower Upper

173 100

175 43.7 23.4 70.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.517 min Scan# 1997

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

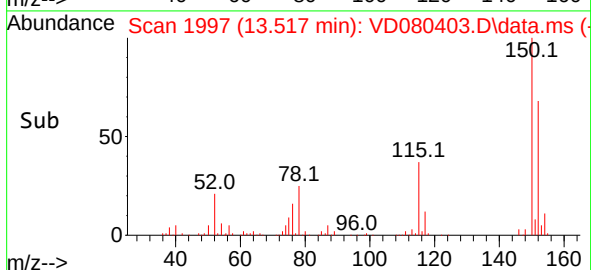
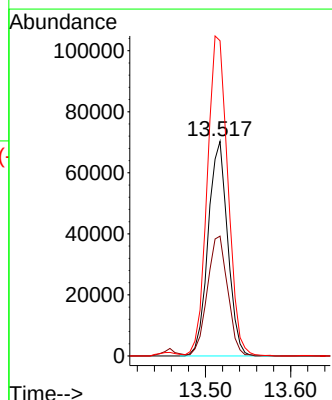
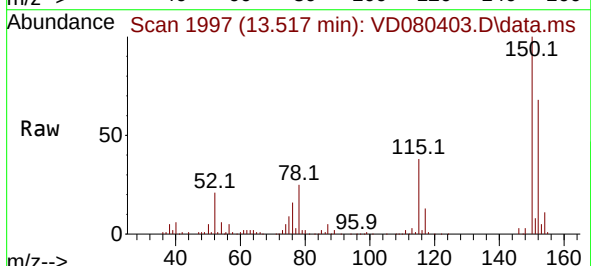
Tgt Ion:152 Resp: 112061

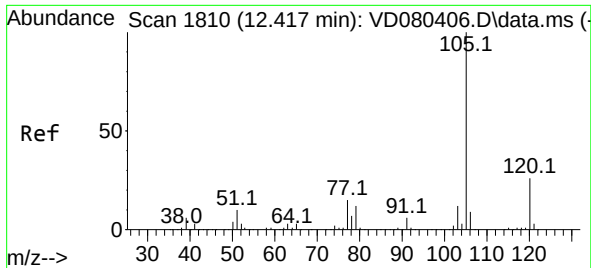
Ion Ratio Lower Upper

152 100

115 58.3 30.1 90.5

150 157.3 0.0 354.2

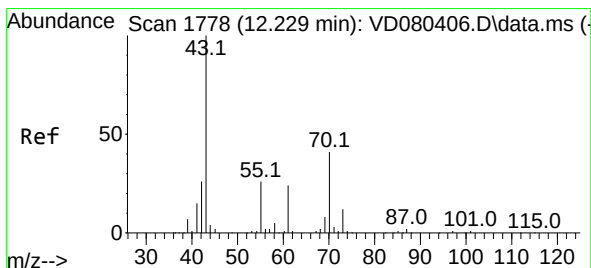
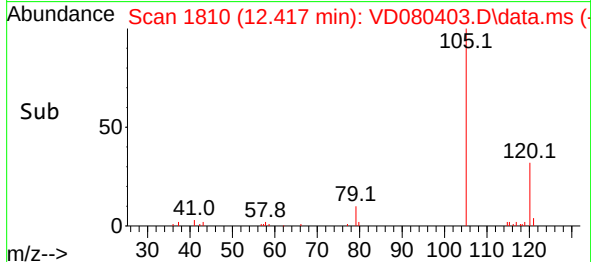
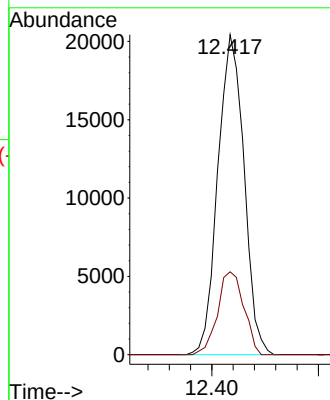
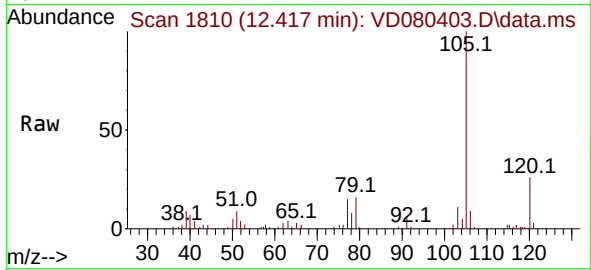




#73
Isopropylbenzene
Concen: 4.569 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

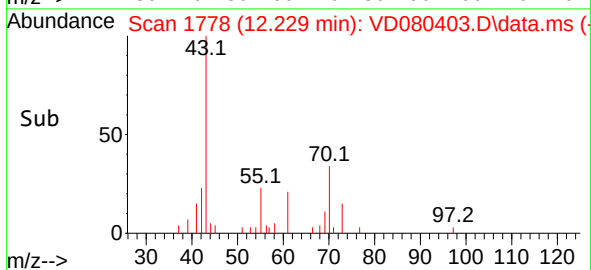
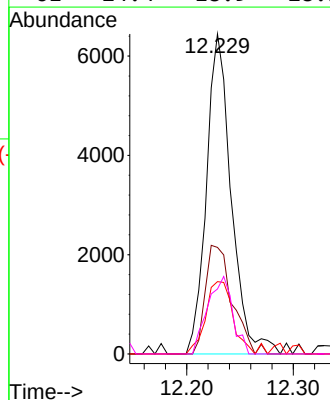
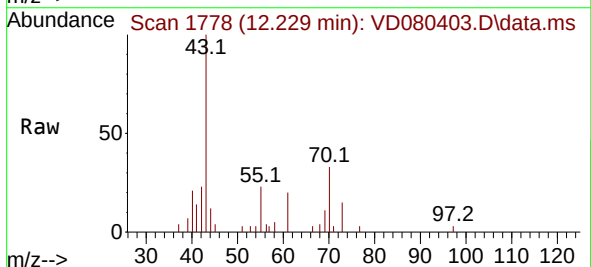
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

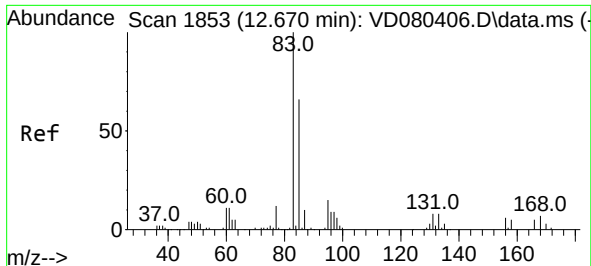
Tgt Ion:105 Resp: 34757
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.7



#74
N-ethyl acetate
Concen: 4.921 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 43 Resp: 10452
Ion Ratio Lower Upper
43 100
70 36.8 32.6 48.8
55 24.6 20.0 30.0
61 24.4 18.9 28.3

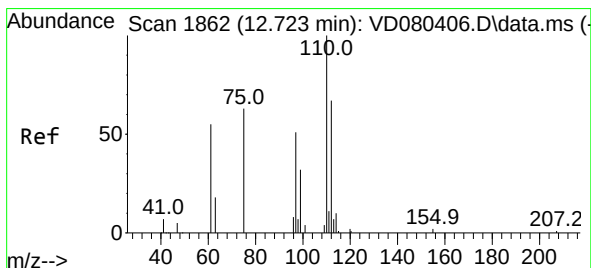
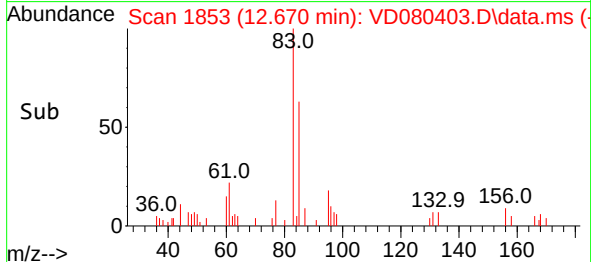
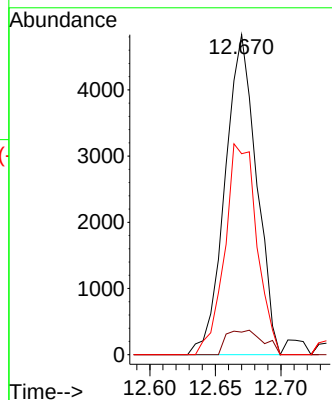
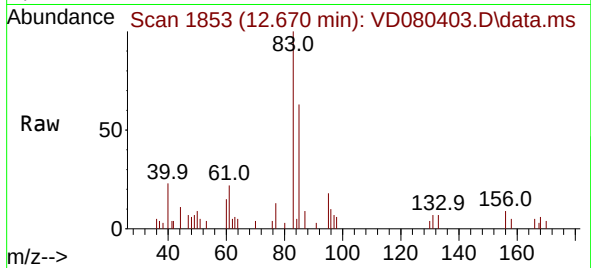




#75
1,1,2,2-Tetrachloroethane
Concen: 5.134 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

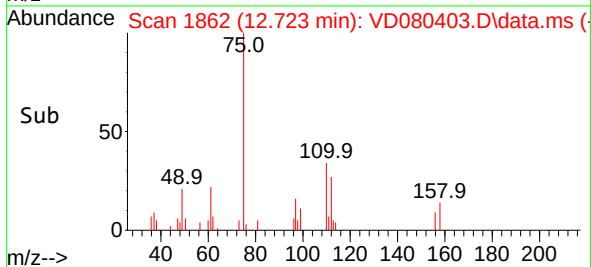
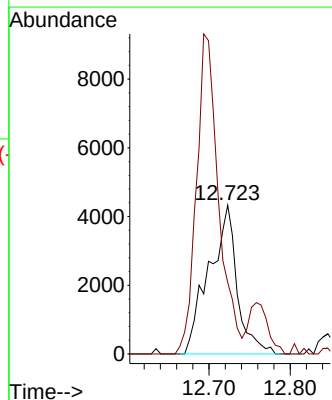
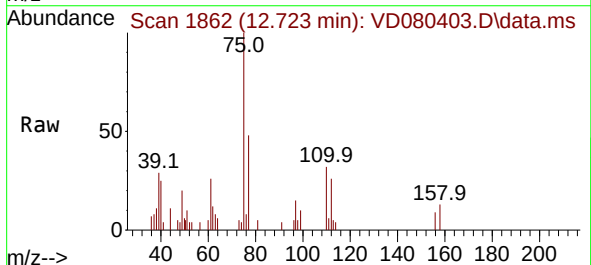
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

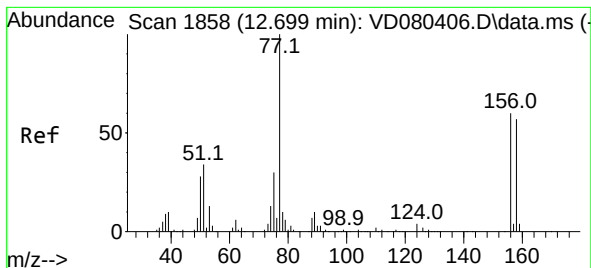
Tgt Ion: 83 Resp: 8077
Ion Ratio Lower Upper
83 100
131 8.9 4.6 13.8
85 67.0 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 8.039 ug/l
RT: 12.723 min Scan# 1862
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 75 Resp: 10404
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.907 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

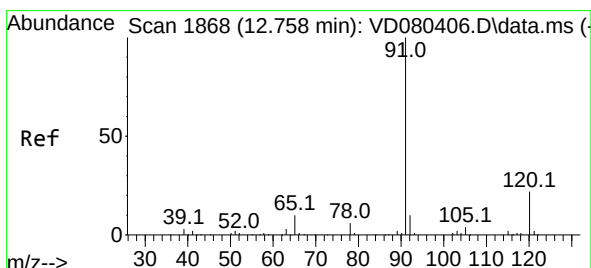
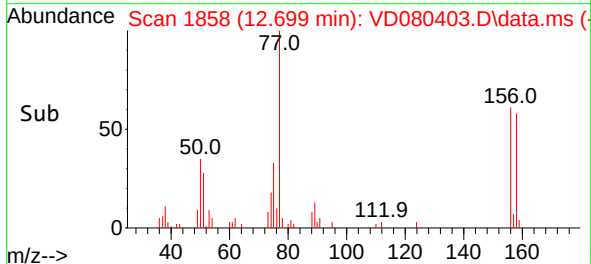
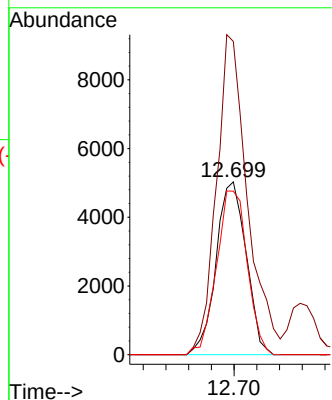
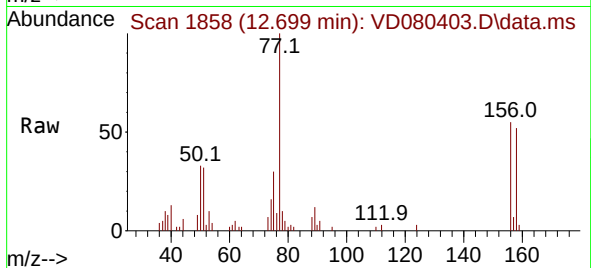
Tgt Ion:156 Resp: 9256

Ion Ratio Lower Upper

156 100

77 191.2 95.3 286.1

158 97.0 48.0 144.0



#78

n-propylbenzene

Concen: 4.875 ug/l

RT: 12.758 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD080403.D

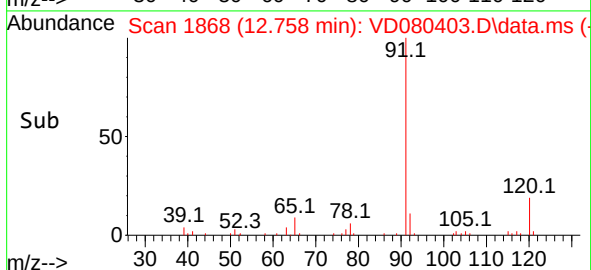
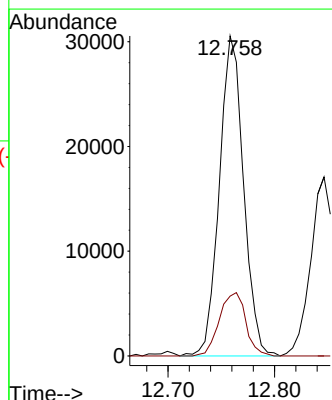
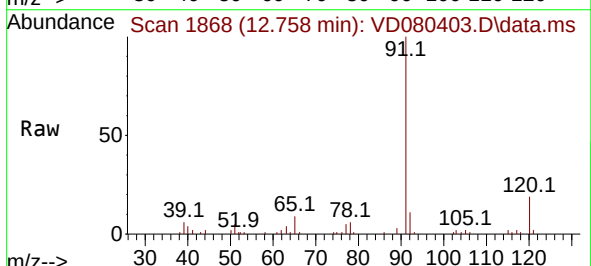
Acq: 04 Jun 2025 08:37

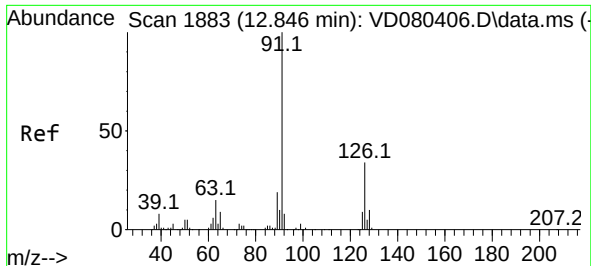
Tgt Ion: 91 Resp: 48153

Ion Ratio Lower Upper

91 100

120 21.6 11.2 33.5

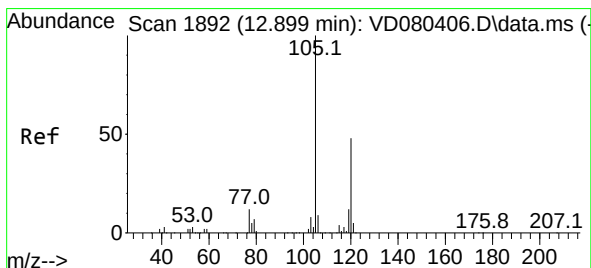
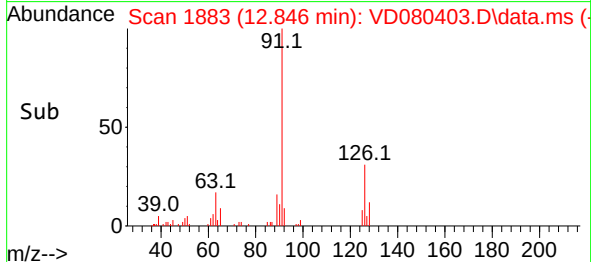
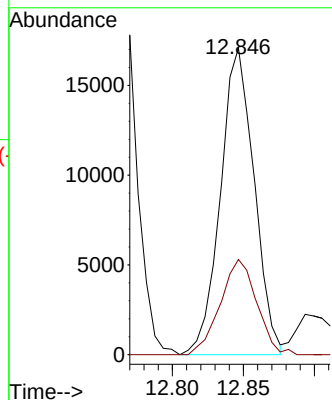
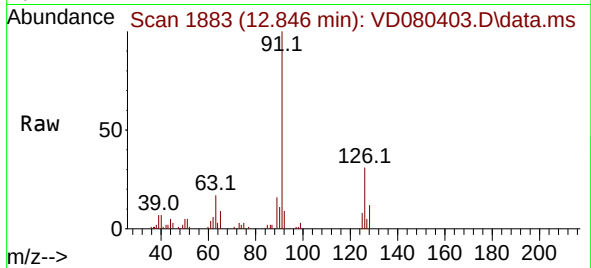




#79
2-Chlorotoluene
Concen: 4.993 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

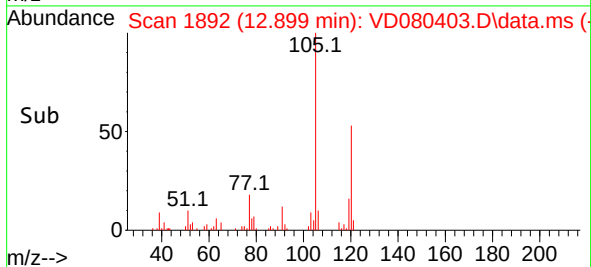
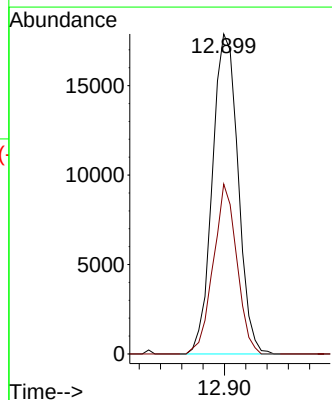
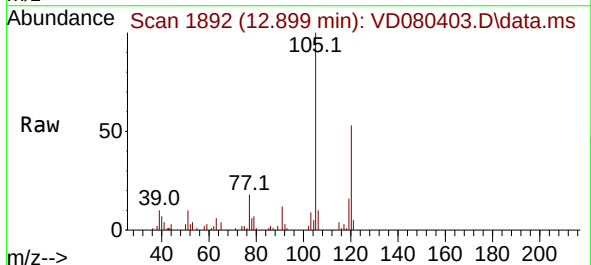
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

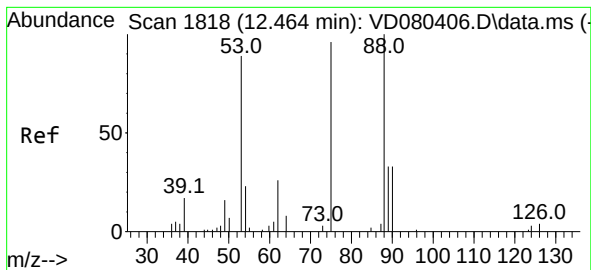
Tgt Ion: 91 Resp: 28199
Ion Ratio Lower Upper
91 100
126 33.6 16.5 49.5



#80
1,3,5-Trimethylbenzene
Concen: 4.594 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 105 Resp: 29917
Ion Ratio Lower Upper
105 100
120 48.7 23.8 71.4

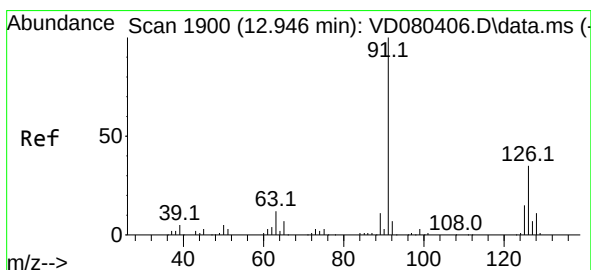
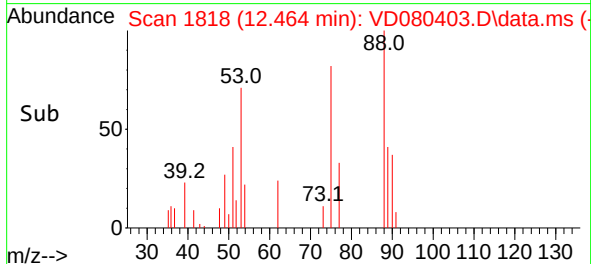
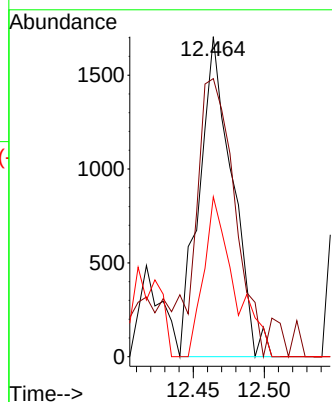
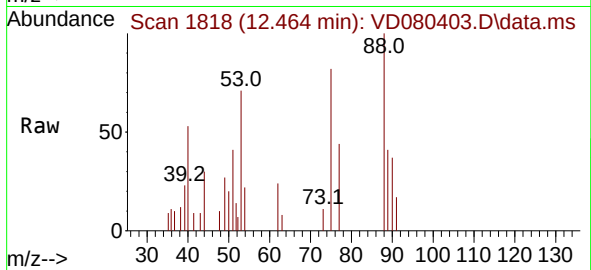




#81
trans-1,4-Dichloro-2-butene
Concen: 4.771 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

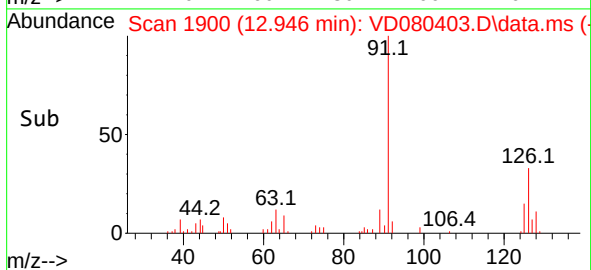
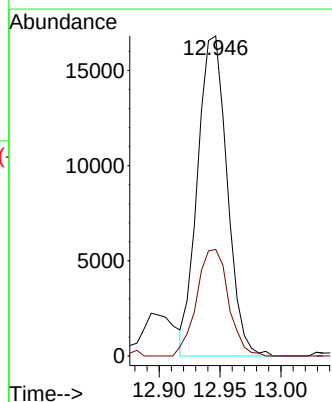
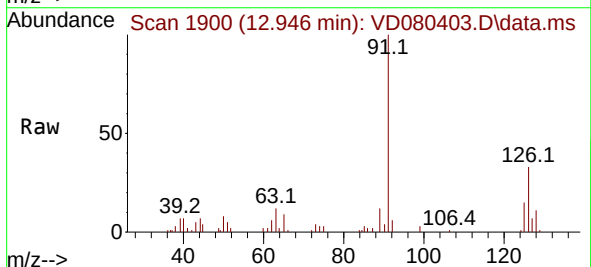
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

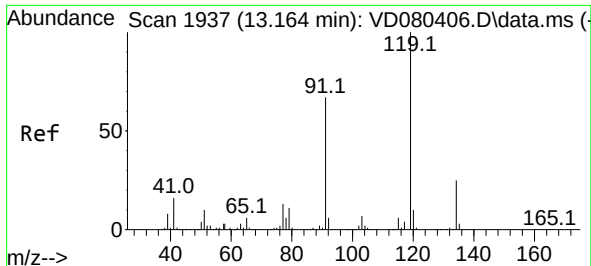
Tgt Ion: 75 Resp: 2758
Ion Ratio Lower Upper
75 100
53 101.5 69.9 104.9
89 46.6 34.1 51.1



#82
4-Chlorotoluene
Concen: 4.726 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 91 Resp: 28413
Ion Ratio Lower Upper
91 100
126 35.7 16.5 49.5

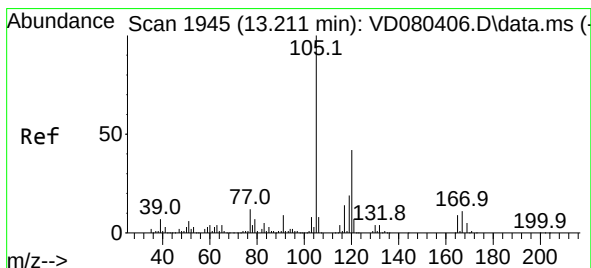
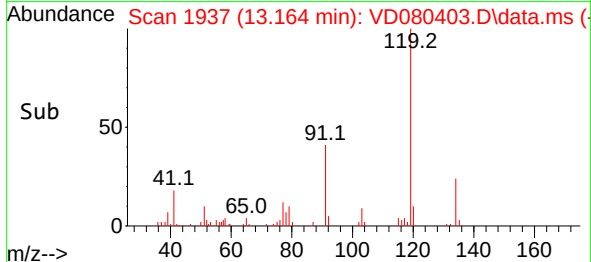
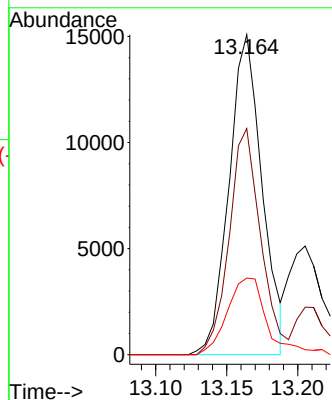
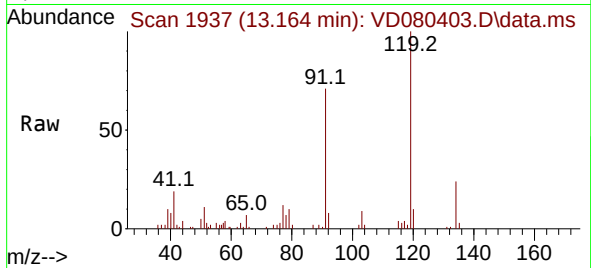




#83
 tert-Butylbenzene
 Concen: 4.500 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. 0.000 min
 Lab File: VD080403.D
 Acq: 04 Jun 2025 08:37

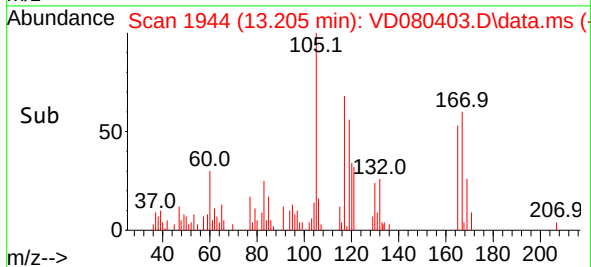
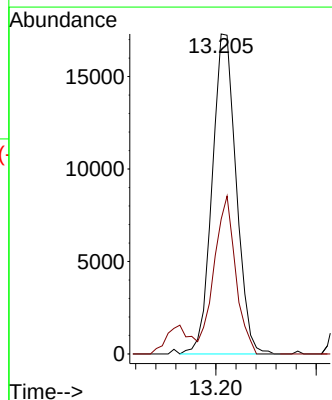
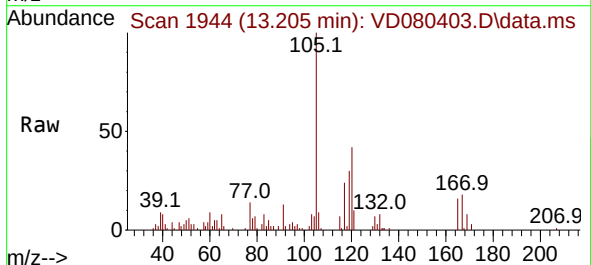
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

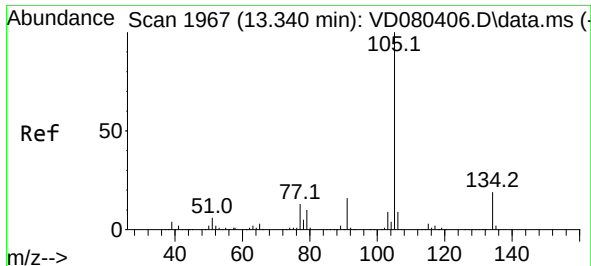
Tgt Ion:119 Resp: 24393
 Ion Ratio Lower Upper
 119 100
 91 67.7 34.2 102.5
 134 28.8 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 4.381 ug/l
 RT: 13.205 min Scan# 1944
 Delta R.T. -0.006 min
 Lab File: VD080403.D
 Acq: 04 Jun 2025 08:37

Tgt Ion:105 Resp: 28794
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5

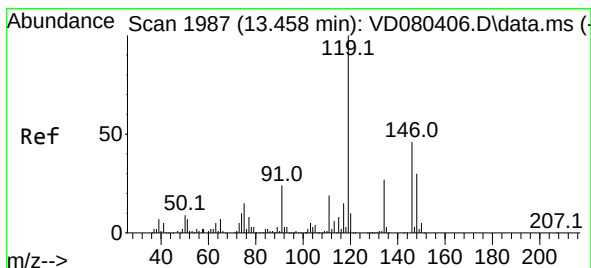
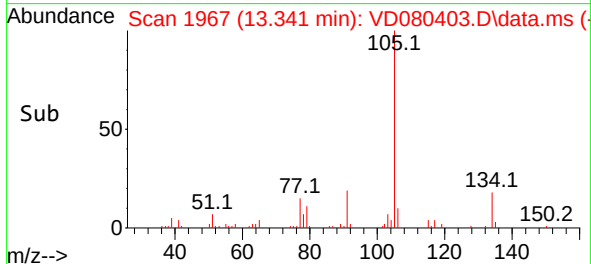
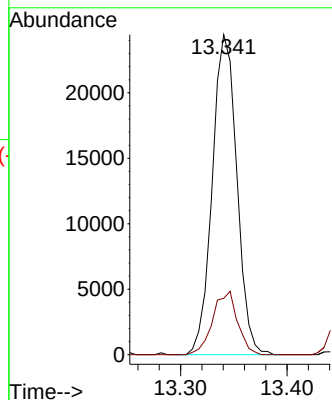
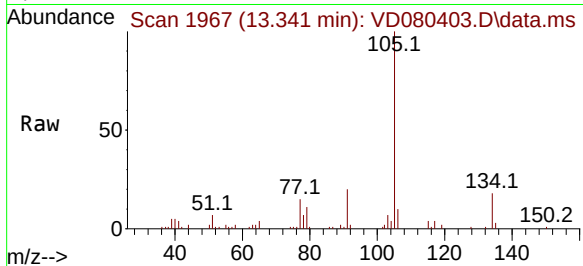




#85
 sec-Butylbenzene
 Concen: 4.708 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080403.D
 Acq: 04 Jun 2025 08:37

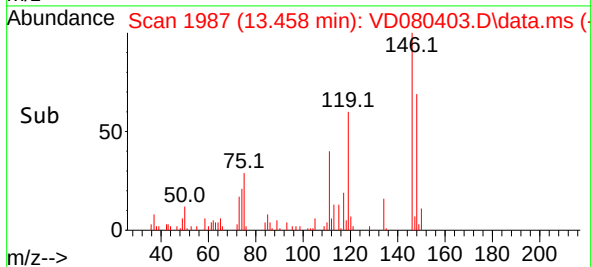
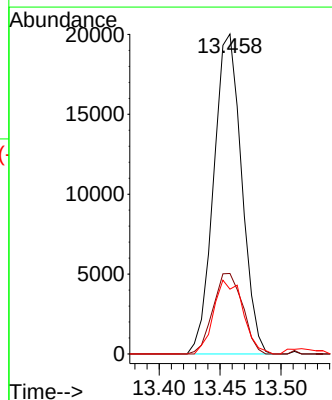
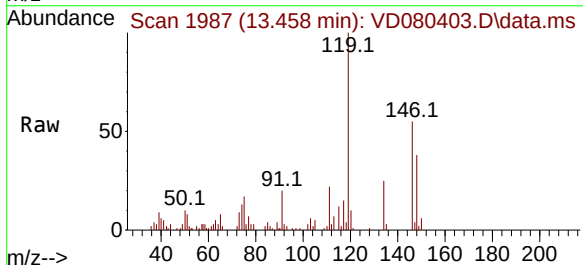
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

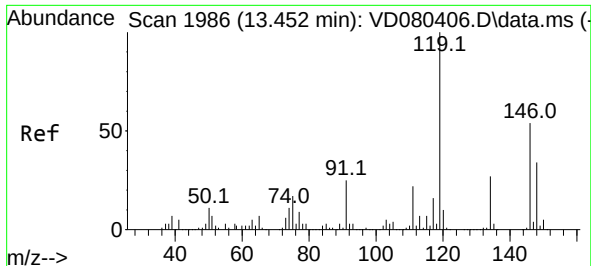
Tgt Ion:105 Resp: 39145
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 4.531 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080403.D
 Acq: 04 Jun 2025 08:37

Tgt Ion:119 Resp: 31944
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 24.3 12.0 36.1

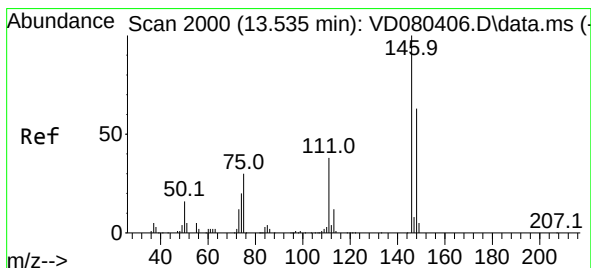
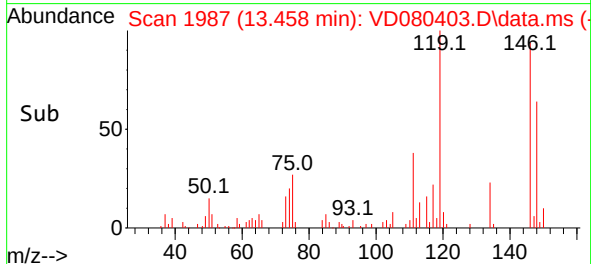
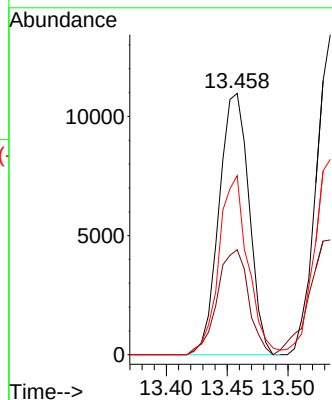
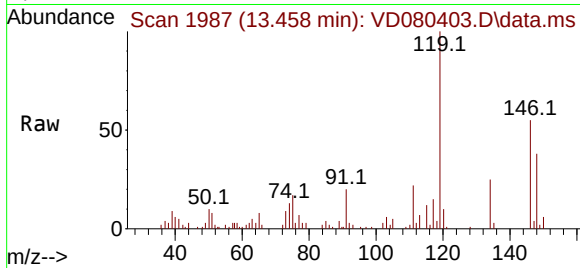




#87
1,3-Dichlorobenzene
Concen: 4.886 ug/l
RT: 13.458 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

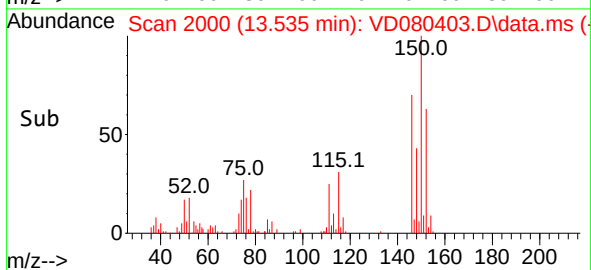
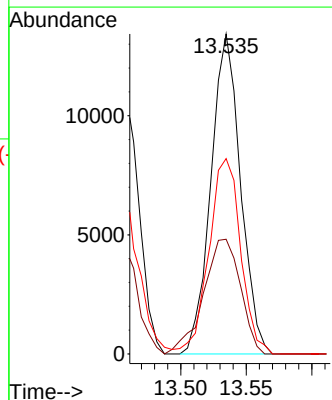
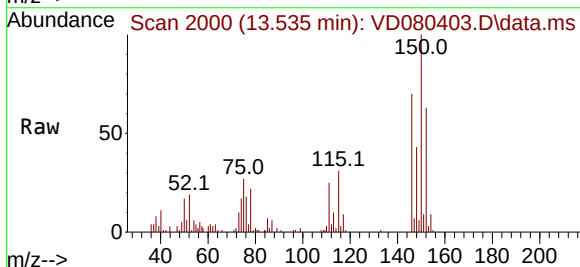
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

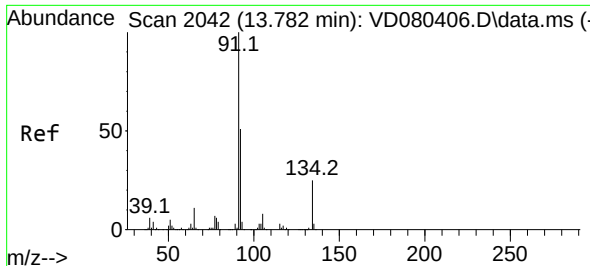
Tgt Ion:146 Resp: 18767
Ion Ratio Lower Upper
146 100
111 42.0 20.3 60.8
148 66.4 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 5.389 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion:146 Resp: 21086
Ion Ratio Lower Upper
146 100
111 44.7 19.0 57.0
148 65.5 31.2 93.6

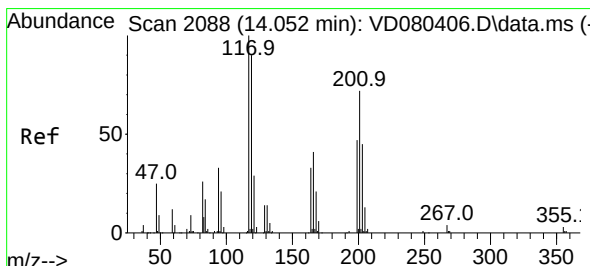
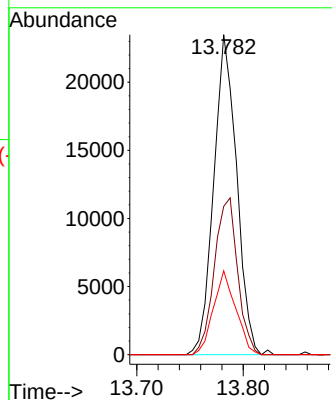
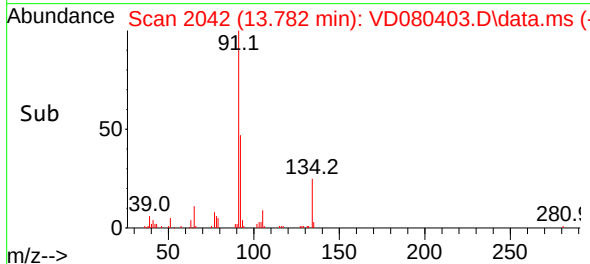
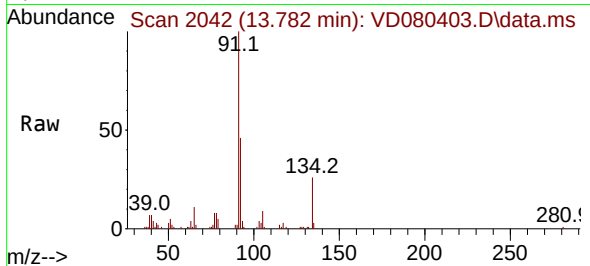




#89
n-Butylbenzene
Concen: 5.036 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

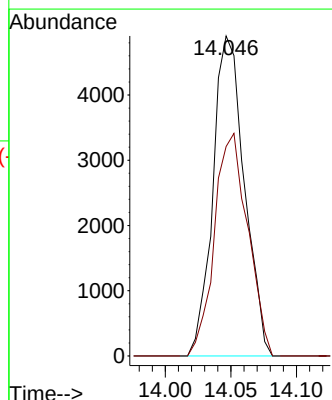
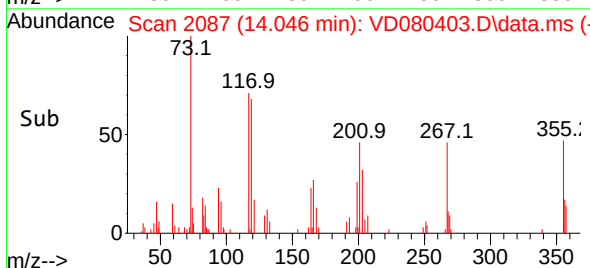
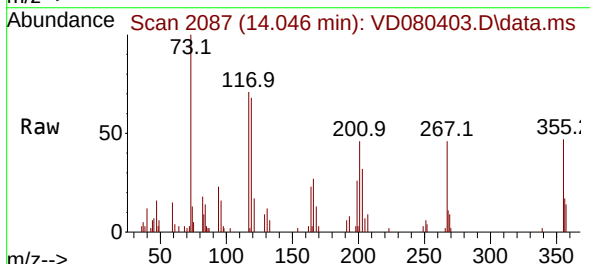
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

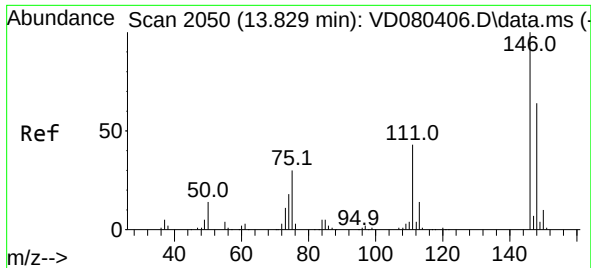
Tgt Ion: 91 Resp: 35034
Ion Ratio Lower Upper
91 100
92 49.7 26.5 79.5
134 25.6 12.3 36.8



#90
Hexachloroethane
Concen: 5.520 ug/l
RT: 14.046 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 117 Resp: 8186
Ion Ratio Lower Upper
117 100
201 73.6 36.6 109.8

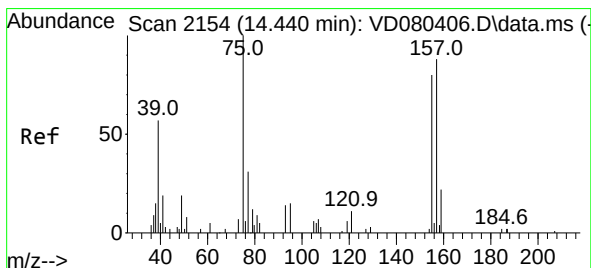
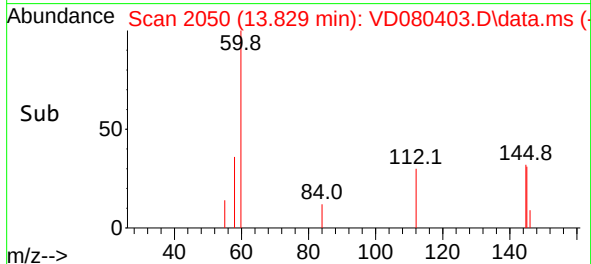
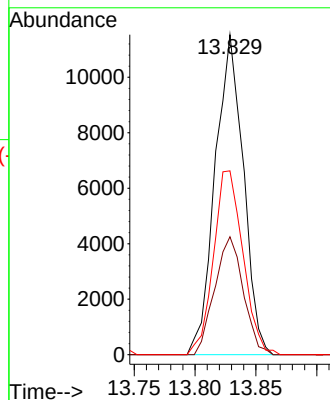
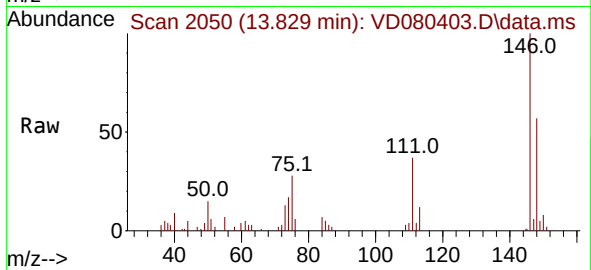




#91
1,2-Dichlorobenzene
Concen: 5.497 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

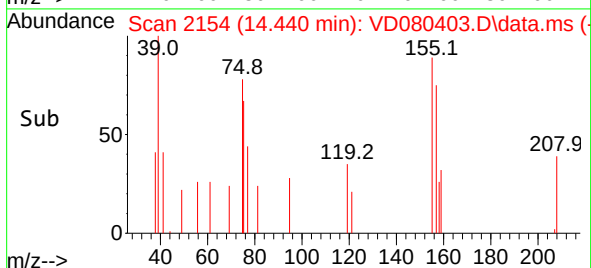
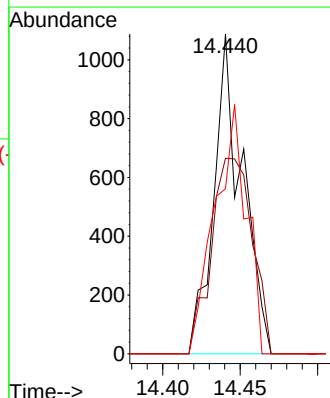
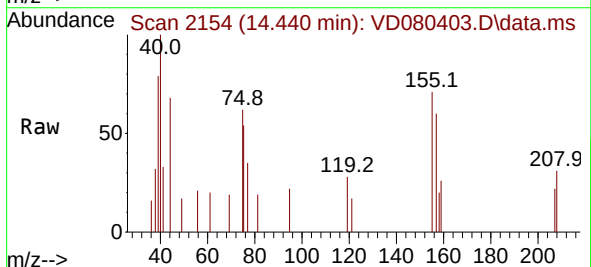
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

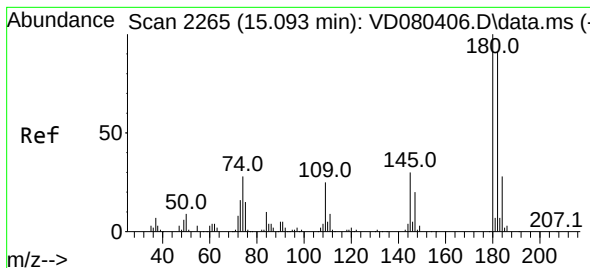
Tgt Ion:146 Resp: 18609
Ion Ratio Lower Upper
146 100
111 37.3 21.1 63.3
148 60.0 32.6 97.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.486 ug/l
RT: 14.440 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VD080403.D
Acq: 04 Jun 2025 08:37

Tgt Ion: 75 Resp: 1398
Ion Ratio Lower Upper
75 100
155 87.6 37.6 112.9
157 86.0 49.5 148.5





#93

1,2,4-Trichlorobenzene

Concen: 5.062 ug/l

RT: 15.093 min Scan# 2265

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

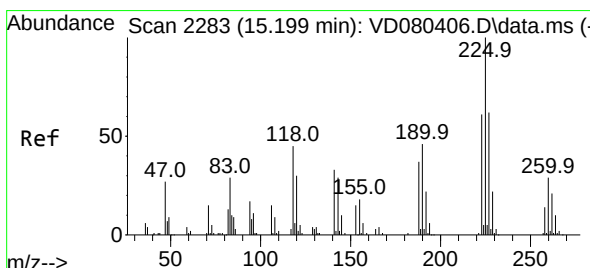
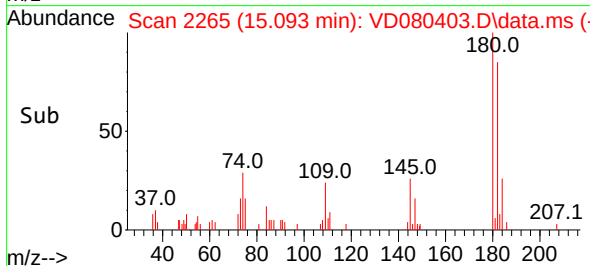
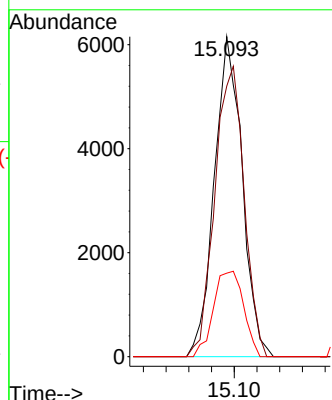
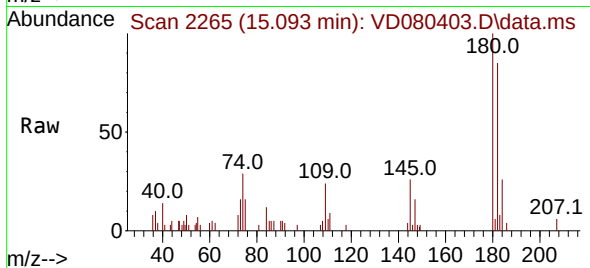
Tgt Ion:180 Resp: 10476

Ion Ratio Lower Upper

180 100

182 95.5 47.6 142.8

145 28.8 15.0 45.1



#94

Hexachlorobutadiene

Concen: 5.421 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

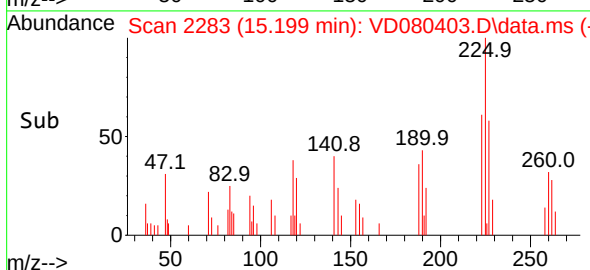
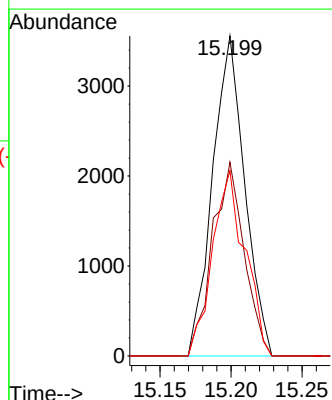
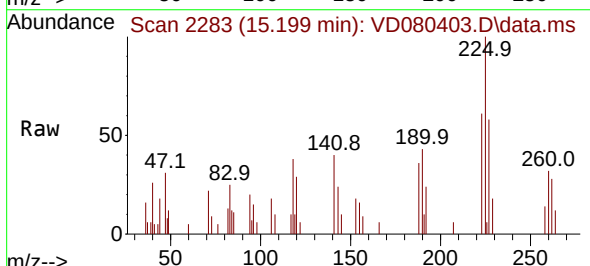
Tgt Ion:225 Resp: 5590

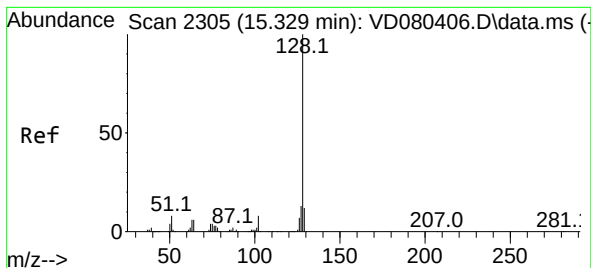
Ion Ratio Lower Upper

225 100

223 59.8 31.6 95.0

227 58.7 31.1 93.2





#95

Naphthalene

Concen: 4.767 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

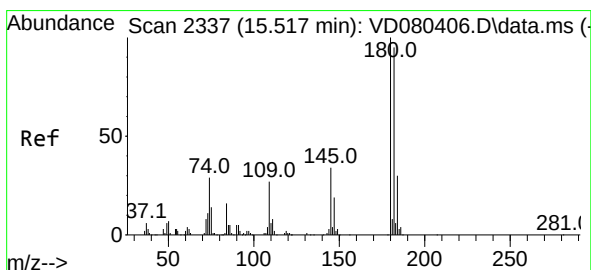
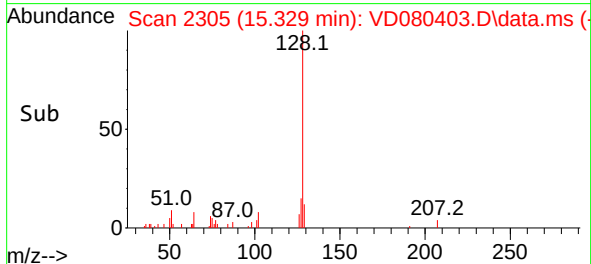
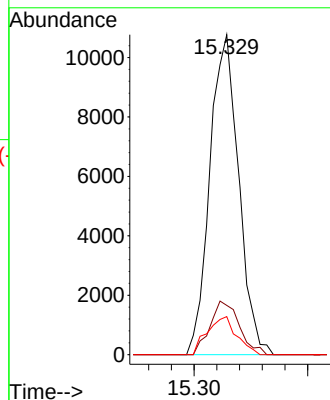
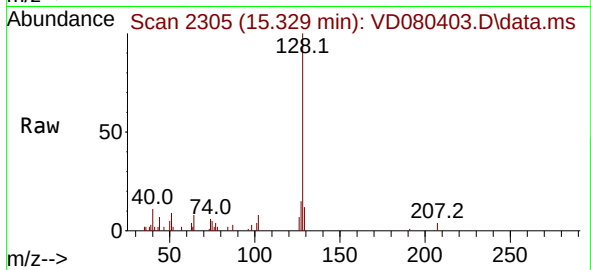
Tgt Ion:128 Resp: 18988

Ion Ratio Lower Upper

128 100

127 15.4 10.8 16.2

129 11.9 9.4 14.2



#96

1,2,3-Trichlorobenzene

Concen: 5.040 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Tgt Ion:180 Resp: 9339

Ion Ratio Lower Upper

180 100

182 88.9 47.3 142.0

145 32.1 16.5 49.5

