

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060425\
 Data File : VD080410.D
 Acq On : 04 Jun 2025 15:13
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060425

Quant Time: Jun 05 03:26:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060425S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 05 02:27:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	196238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	329922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.576	117	293956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.511	152	147809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	111152	46.682	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.360%
35) Dibromofluoromethane	7.806	113	102562	49.743	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.480%
50) Toluene-d8	10.264	98	414163	51.413	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.820%
62) 4-Bromofluorobenzene	12.570	95	135065	53.391	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	101306	47.431	ug/l	98
3) Chloromethane	2.153	50	174724	46.348	ug/l	100
4) Vinyl Chloride	2.288	62	197270	46.635	ug/l	97
5) Bromomethane	2.694	94	110733	41.677	ug/l	98
6) Chloroethane	2.841	64	126560	46.233	ug/l	100
7) Trichlorofluoromethane	3.176	101	182487	47.753	ug/l	95
8) Diethyl Ether	3.594	74	62948	49.818	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.965	101	108753	47.854	ug/l	98
10) Methyl Iodide	4.170	142	119113	51.486	ug/l	97
11) Tert butyl alcohol	5.053	59	37958	254.999	ug/l #	95
12) 1,1-Dichloroethene	3.941	96	115721	49.736	ug/l	95
13) Acrolein	3.800	56	49167	216.555	ug/l	99
14) Allyl chloride	4.559	41	195159	49.726	ug/l	99
15) Acrylonitrile	5.253	53	145751	252.223	ug/l	96
16) Acetone	4.018	43	122447	250.376	ug/l	97
17) Carbon Disulfide	4.270	76	388344	47.951	ug/l	99
18) Methyl Acetate	4.565	43	78505	49.079	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	282525	54.290	ug/l	100
20) Methylene Chloride	4.806	84	139590	49.163	ug/l	95
21) trans-1,2-Dichloroethene	5.306	96	128538	51.173	ug/l	94
22) Diisopropyl ether	6.217	45	408212	52.606	ug/l	95
23) Vinyl Acetate	6.159	43	1187051	264.416	ug/l	100
24) 1,1-Dichloroethane	6.112	63	230840	49.189	ug/l	99
25) 2-Butanone	7.082	43	180765	253.839	ug/l	98
26) 2,2-Dichloropropane	7.076	77	183442	49.089	ug/l	99
27) cis-1,2-Dichloroethene	7.076	96	143504	50.727	ug/l	99
28) Bromochloromethane	7.423	49	97235	46.826	ug/l #	99
29) Tetrahydrofuran	7.447	42	122974	268.414	ug/l	99
30) Chloroform	7.594	83	224025	49.179	ug/l	96
31) Cyclohexane	7.876	56	202235	47.633	ug/l	96
32) 1,1,1-Trichloroethane	7.794	97	188543	49.493	ug/l	99
36) 1,1-Dichloropropene	8.011	75	163537	50.607	ug/l	99
37) Ethyl Acetate	7.164	43	82216	51.923	ug/l	99
38) Carbon Tetrachloride	7.988	117	160990	49.287	ug/l	94
39) Methylcyclohexane	9.276	83	199163	52.031	ug/l	96
40) Benzene	8.253	78	510930	50.779	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	41757	43.684	ug/l #	81
42) 1,2-Dichloroethane	8.323	62	135414	49.434	ug/l	99
43) Isopropyl Acetate	8.358	43	156669	52.040	ug/l	99
44) Trichloroethene	9.029	130	118801	50.975	ug/l	99
45) 1,2-Dichloropropane	9.305	63	126331	50.986	ug/l	96
46) Dibromomethane	9.394	93	67332	51.042	ug/l	97
47) Bromodichloromethane	9.582	83	171038	51.052	ug/l	99
48) Methyl methacrylate	9.376	41	78210	52.968	ug/l	99
49) 1,4-Dioxane	9.382	88	17362	1179.866	ug/l	93
51) 4-Methyl-2-Pentanone	10.158	43	420147	273.170	ug/l	98
52) Toluene	10.335	92	314283	53.702	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	162285	54.288	ug/l	96
54) cis-1,3-Dichloropropene	10.017	75	192257	53.139	ug/l	98
55) 1,1,2-Trichloroethane	10.729	97	90986	52.972	ug/l	99
56) Ethyl methacrylate	10.594	69	124955	57.232	ug/l	99
57) 1,3-Dichloropropane	10.876	76	156381	53.079	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	252119	275.551	ug/l	99
59) 2-Hexanone	10.917	43	288644	279.382	ug/l	99
60) Dibromochloromethane	11.070	129	111235	52.824	ug/l	98
61) 1,2-Dibromoethane	11.176	107	85530	55.823	ug/l	96
64) Tetrachloroethene	10.805	164	98442	49.877	ug/l	99
65) Chlorobenzene	11.605	112	330112	50.771	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.676	131	109348	50.092	ug/l	97
67) Ethyl Benzene	11.682	91	582457	52.057	ug/l	98
68) m/p-Xylenes	11.788	106	451701	106.383	ug/l	100
69) o-Xylene	12.117	106	212129	53.842	ug/l	95
70) Styrene	12.129	104	370548	53.287	ug/l	100
71) Bromoform	12.294	173	63873	51.759	ug/l #	99
73) Isopropylbenzene	12.417	105	539829	53.804	ug/l	99
74) N-amyl acetate	12.229	43	153341	54.739	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	105719	50.942	ug/l	99
76) 1,2,3-Trichloropropane	12.723	75	90361m	53.910	ug/l	
77) Bromobenzene	12.699	156	130973	52.644	ug/l	100
78) n-propylbenzene	12.758	91	678514	52.075	ug/l	100
79) 2-Chlorotoluene	12.846	91	383161	51.436	ug/l	98
80) 1,3,5-Trimethylbenzene	12.899	105	455724	53.060	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	40068	52.546	ug/l	99
82) 4-Chlorotoluene	12.941	91	415823	52.434	ug/l	99
83) tert-Butylbenzene	13.164	119	382942	53.565	ug/l	98
84) 1,2,4-Trimethylbenzene	13.205	105	462654	53.369	ug/l	99
85) sec-Butylbenzene	13.341	105	584663	53.312	ug/l	99
86) p-Isopropyltoluene	13.458	119	495331	53.264	ug/l	99
87) 1,3-Dichlorobenzene	13.452	146	259772	51.274	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	253991	49.217	ug/l	97
89) n-Butylbenzene	13.782	91	452912	49.357	ug/l	99
90) Hexachloroethane	14.046	117	90736	46.388	ug/l	99
91) 1,2-Dichlorobenzene	13.829	146	223420	50.036	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	15417	45.869	ug/l	96
93) 1,2,4-Trichlorobenzene	15.093	180	132872	48.675	ug/l	98
94) Hexachlorobutadiene	15.199	225	66719	49.057	ug/l	97
95) Naphthalene	15.329	128	265049	50.448	ug/l	98
96) 1,2,3-Trichlorobenzene	15.517	180	125296	51.263	ug/l	99

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QLast Update : Thu Jun 05 02:27:23 2025
Response via : Initial Calibration

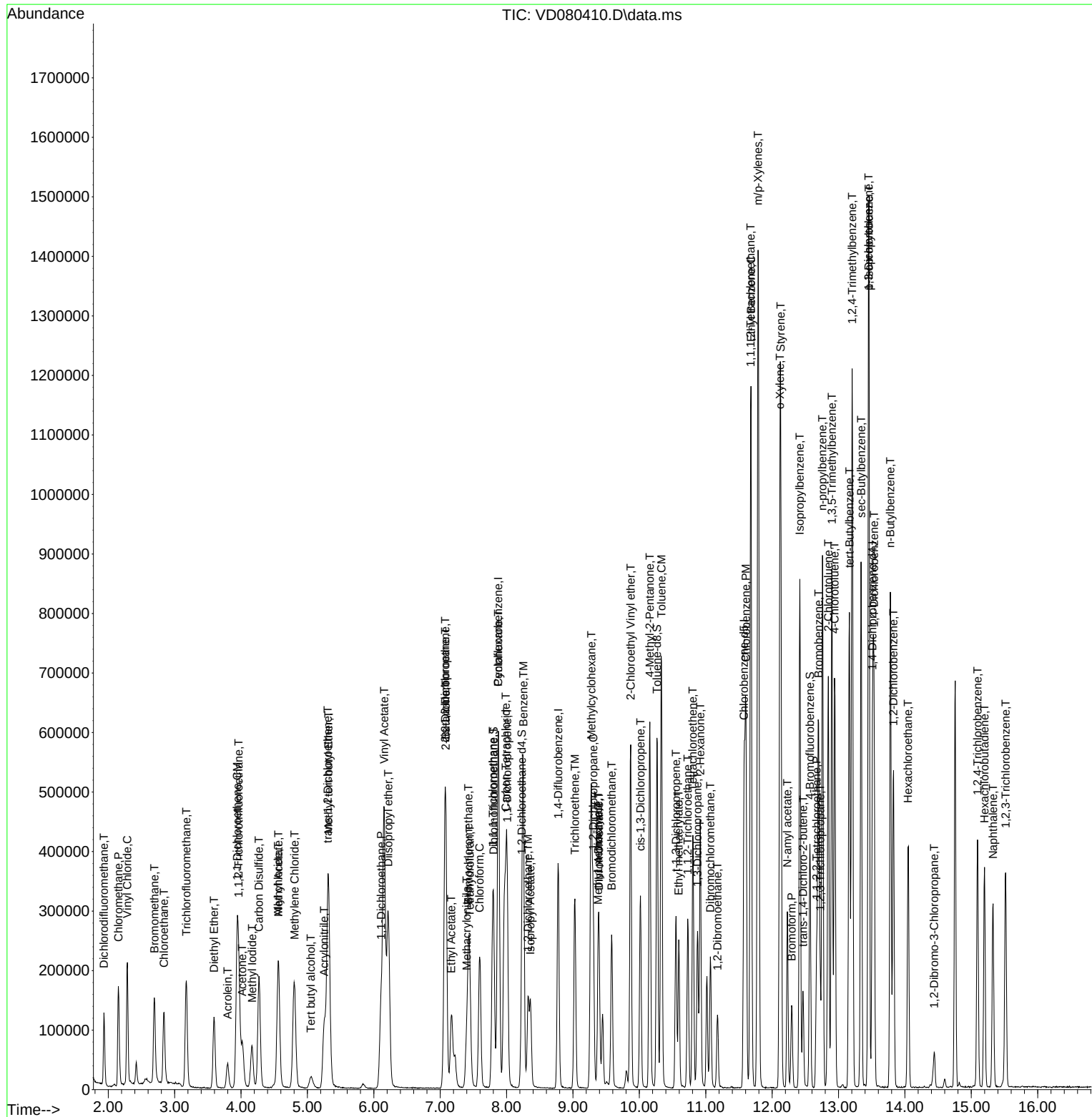
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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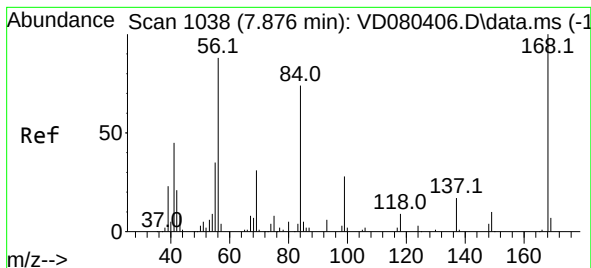
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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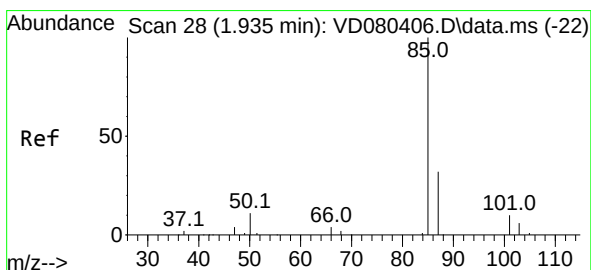
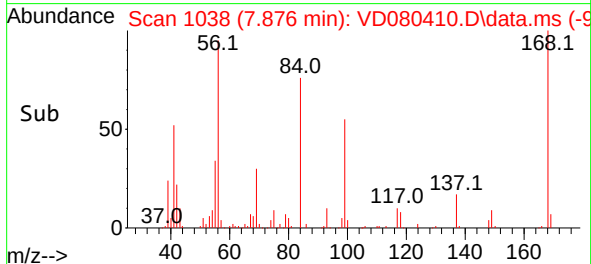
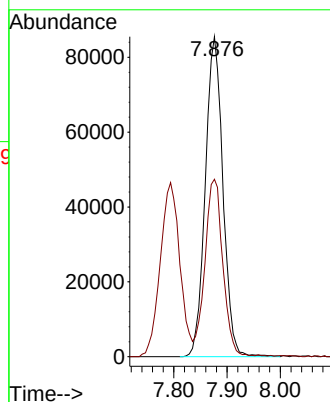
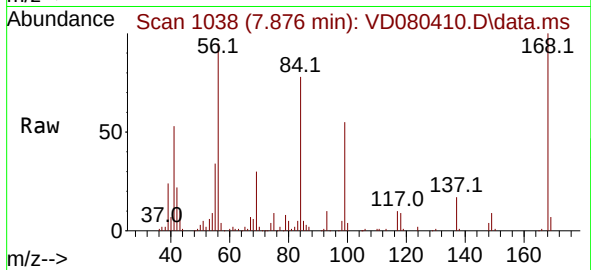




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080410.D
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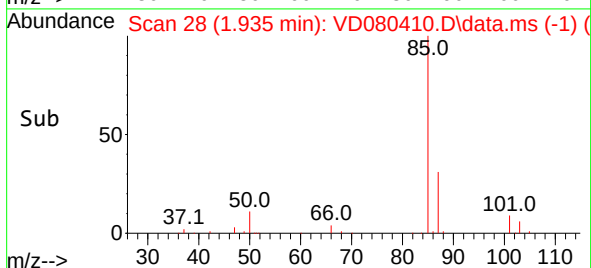
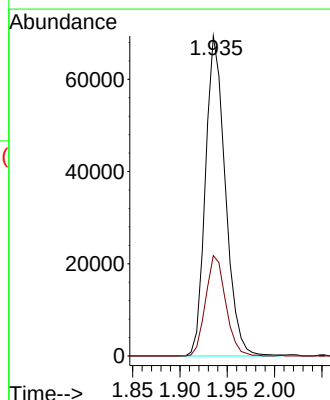
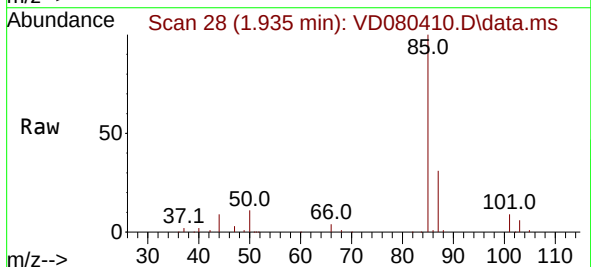
Instrument :
MSVOA_D
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ICVVD060425

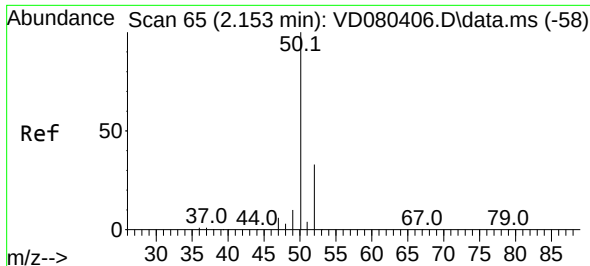
Tgt Ion:168 Resp: 196238
Ion Ratio Lower Upper
168 100
99 55.1 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 47.431 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 85 Resp: 101306
Ion Ratio Lower Upper
85 100
87 31.4 16.2 48.5

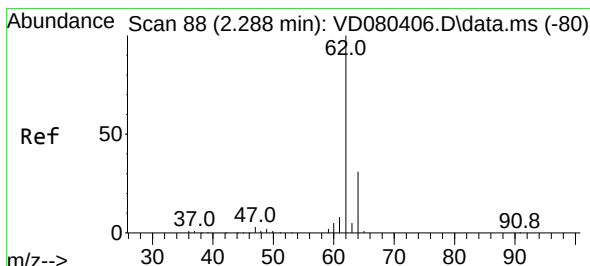
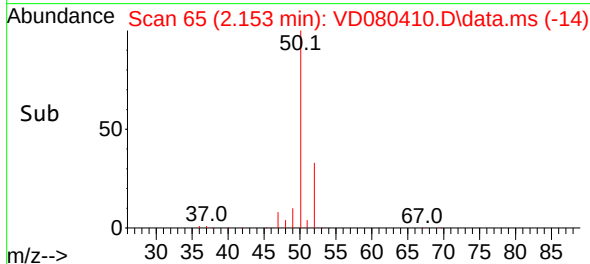
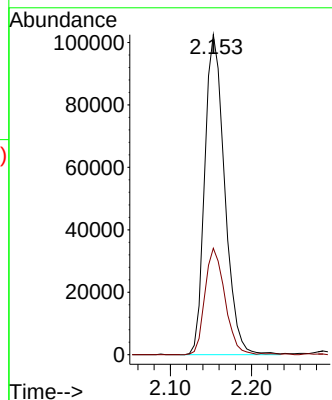
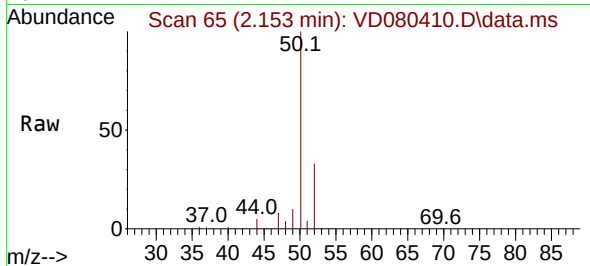




#3
Chloromethane
Concen: 46.348 ug/l
RT: 2.153 min Scan# 65
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

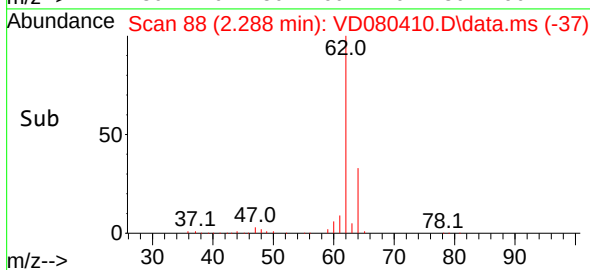
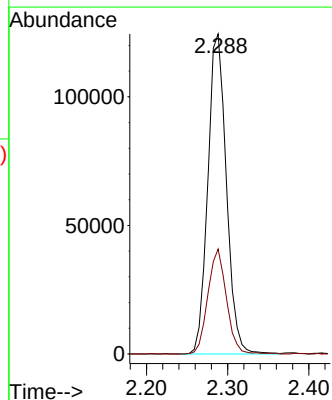
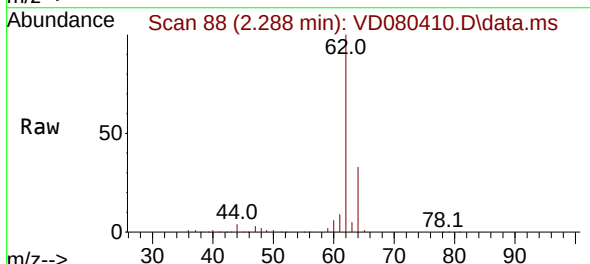
Instrument :
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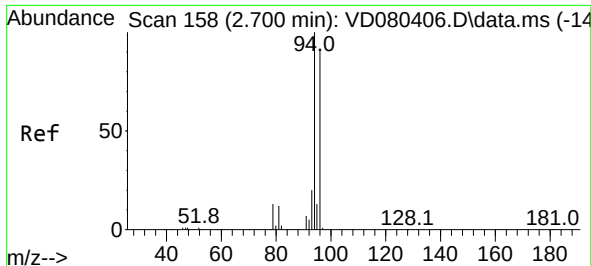
Tgt Ion: 50 Resp: 174724
Ion Ratio Lower Upper
50 100
52 33.2 26.7 40.1



#4
Vinyl Chloride
Concen: 46.635 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 62 Resp: 197270
Ion Ratio Lower Upper
62 100
64 32.8 25.0 37.6

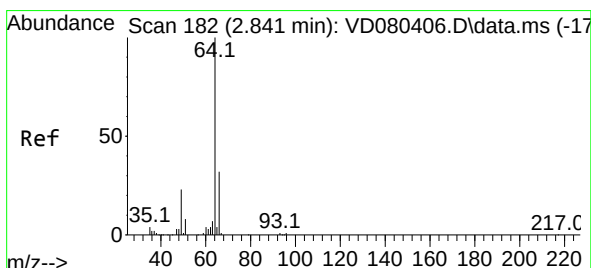
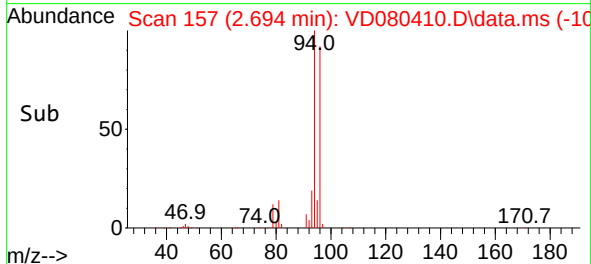
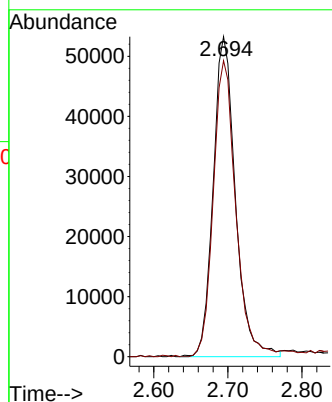
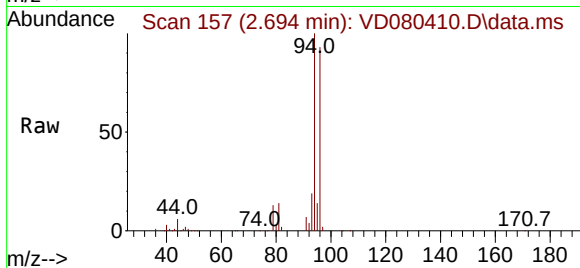




#5
Bromomethane
Concen: 41.677 ug/l
RT: 2.694 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

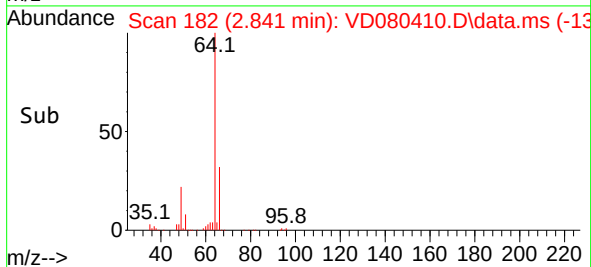
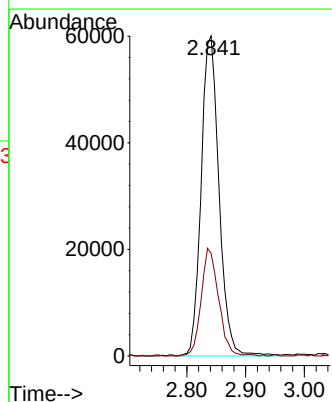
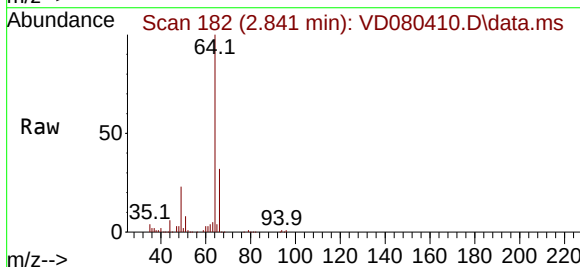
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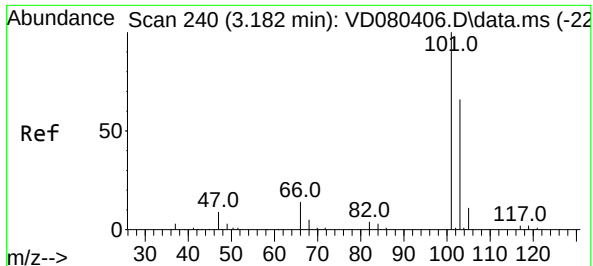
Tgt Ion: 94 Resp: 110733
Ion Ratio Lower Upper
94 100
96 93.5 73.1 109.7



#6
Chloroethane
Concen: 46.233 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 64 Resp: 126560
Ion Ratio Lower Upper
64 100
66 32.0 25.5 38.3

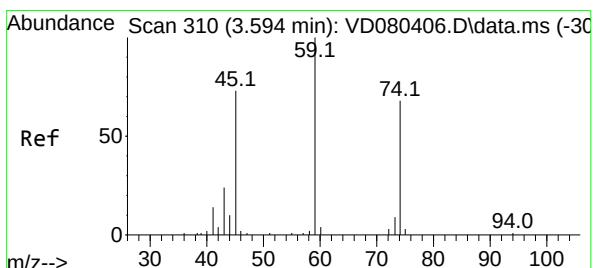
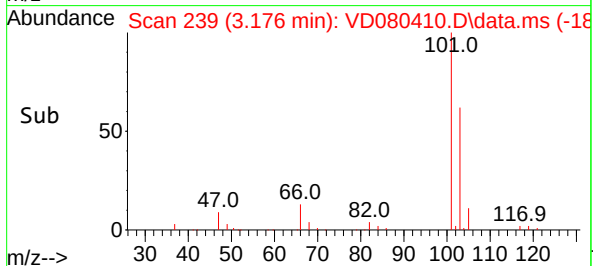
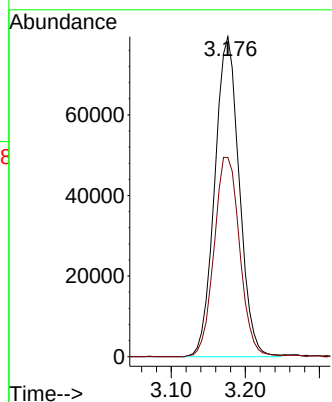
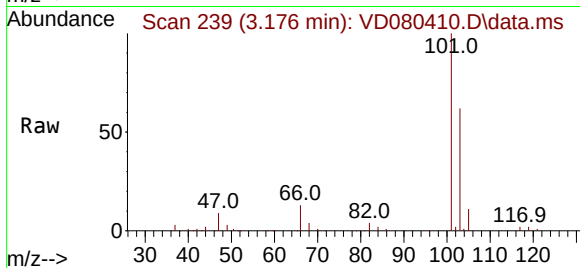




#7
Trichlorofluoromethane
Concen: 47.753 ug/l
RT: 3.176 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

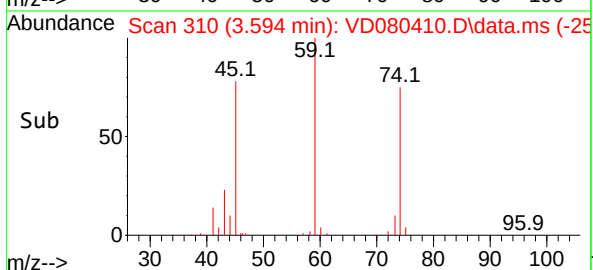
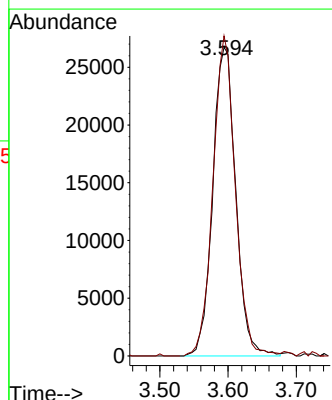
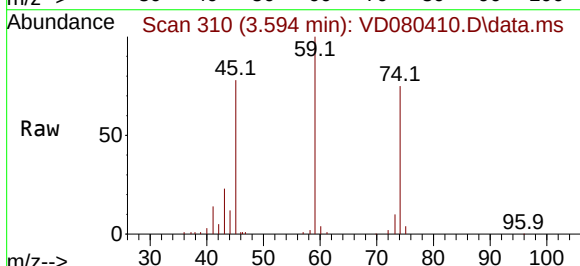
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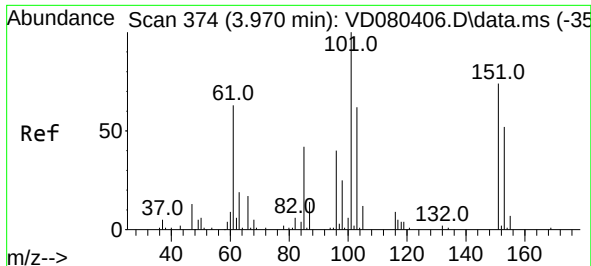
Tgt Ion:101 Resp: 182487
Ion Ratio Lower Upper
101 100
103 62.3 52.7 79.1



#8
Diethyl Ether
Concen: 49.818 ug/l
RT: 3.594 min Scan# 310
Delta R.T. 0.000 min
Lab File: VD080410.D
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Tgt Ion: 74 Resp: 62948
Ion Ratio Lower Upper
74 100
45 100.6 51.8 155.5

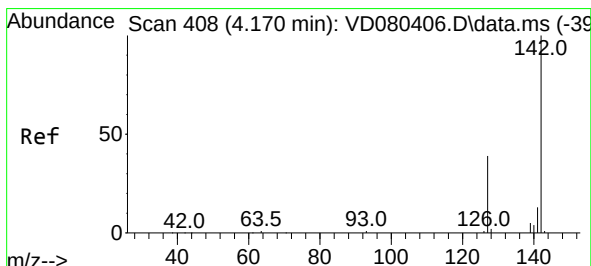
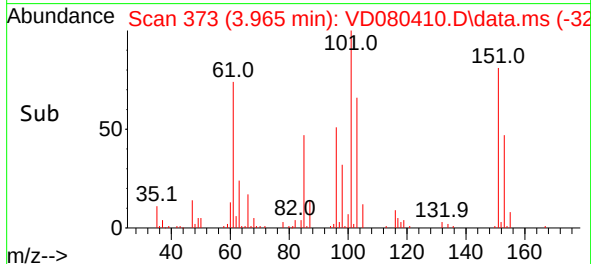
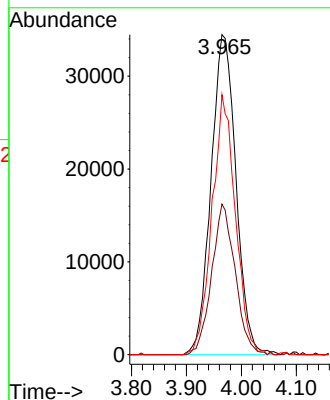
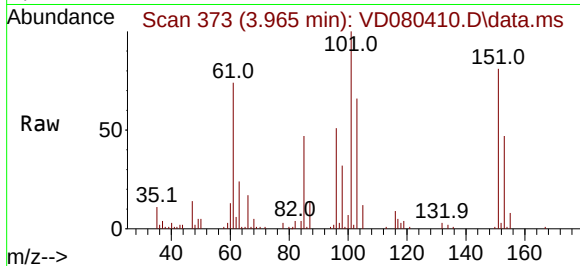




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.854 ug/l
RT: 3.965 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

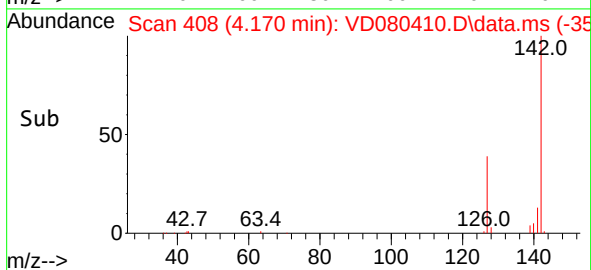
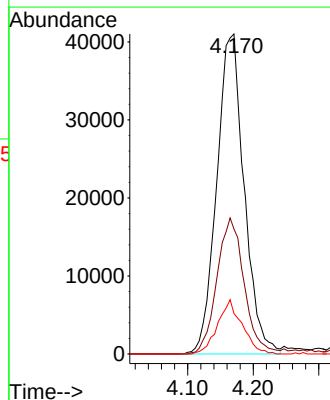
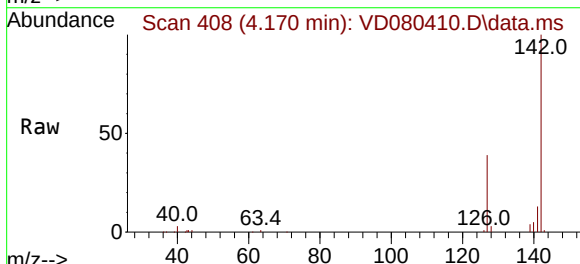
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

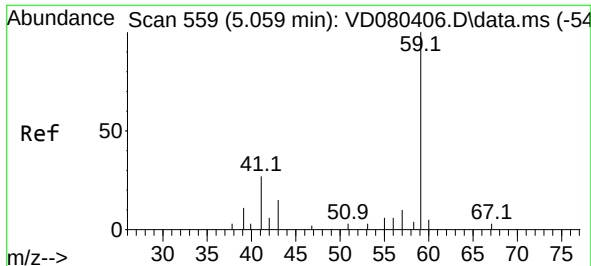
Tgt Ion:101 Resp: 108753
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 76.2 59.2 88.8



#10
Methyl Iodide
Concen: 51.486 ug/l
RT: 4.170 min Scan# 408
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion:142 Resp: 119113
Ion Ratio Lower Upper
142 100
127 42.1 35.8 53.8
141 15.2 12.0 18.0

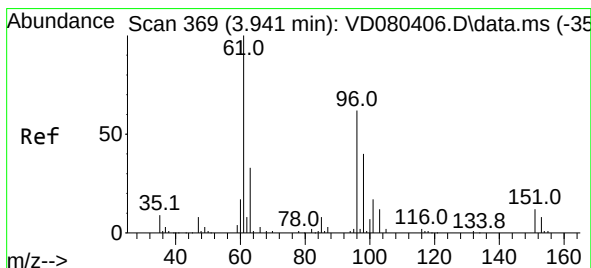
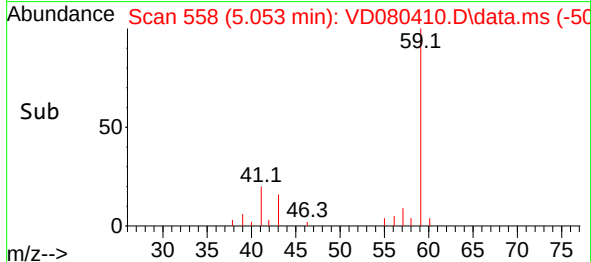
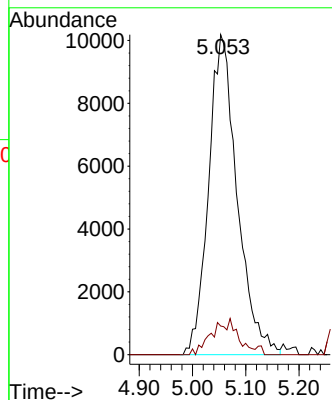
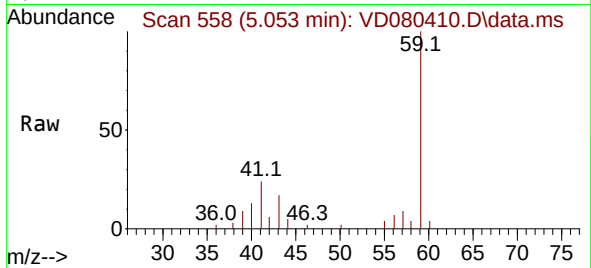




#11
Tert butyl alcohol
Concen: 254.999 ug/l
RT: 5.053 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

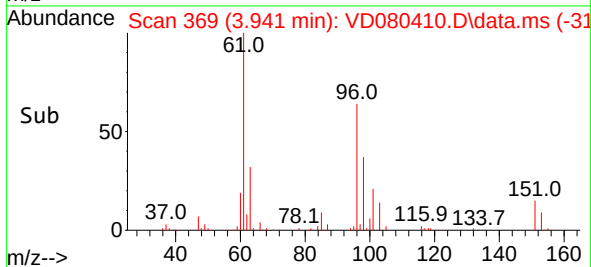
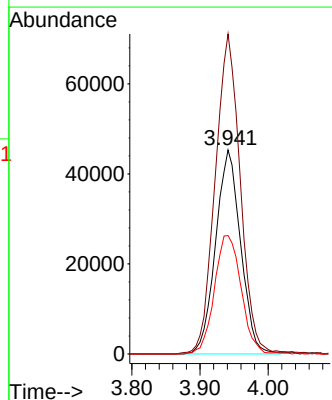
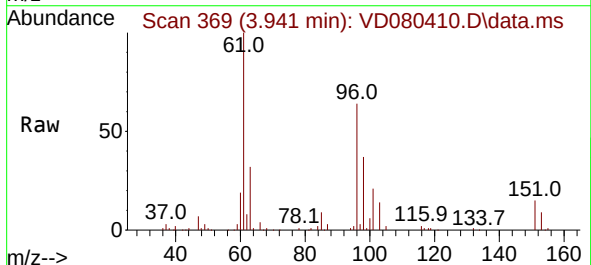
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

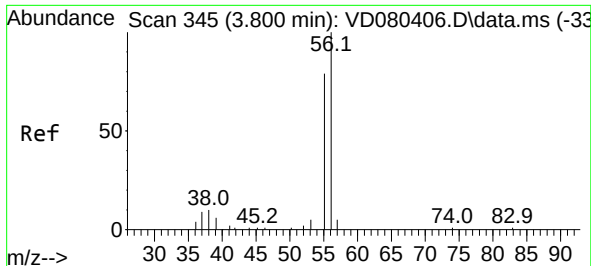
Tgt Ion: 59 Resp: 37958
Ion Ratio Lower Upper
59 100
57 6.2 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 49.736 ug/l
RT: 3.941 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 96 Resp: 115721
Ion Ratio Lower Upper
96 100
61 156.5 129.7 194.5
98 58.1 52.0 78.0

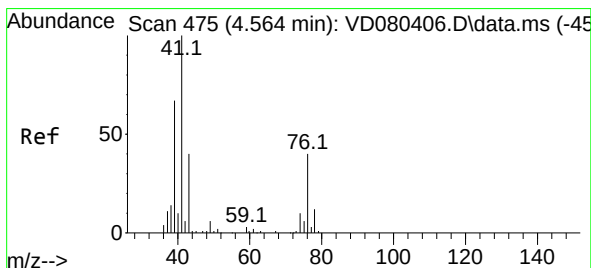
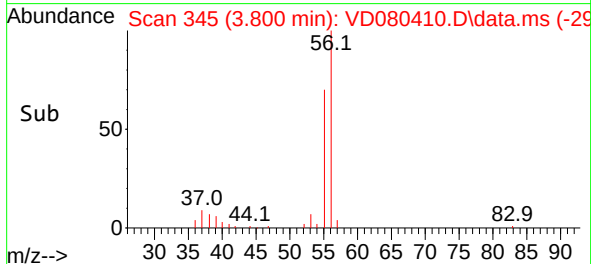
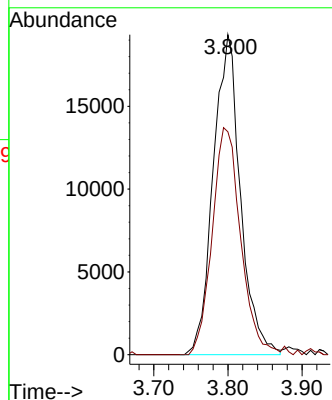
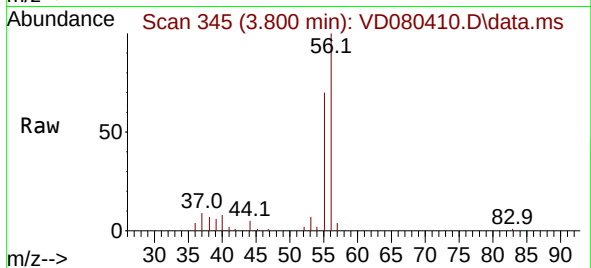




#13
Acrolein
Concen: 216.555 ug/l
RT: 3.800 min Scan# 345
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

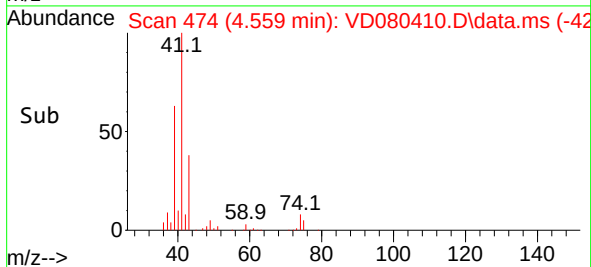
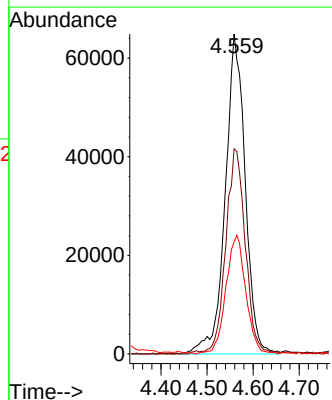
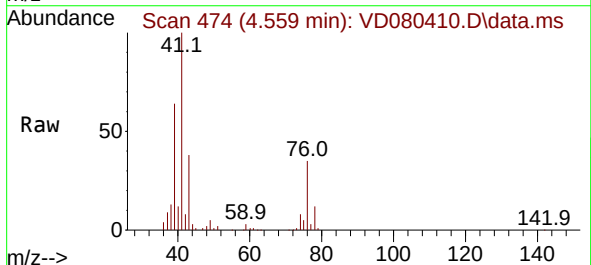
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

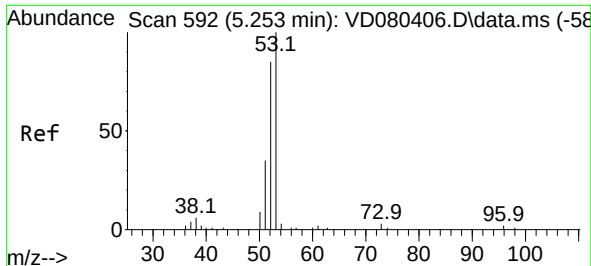
Tgt Ion: 56 Resp: 49167
Ion Ratio Lower Upper
56 100
55 74.3 58.7 88.1



#14
Allyl chloride
Concen: 49.726 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 41 Resp: 195159
Ion Ratio Lower Upper
41 100
39 61.5 50.0 75.0
76 36.9 29.9 44.9

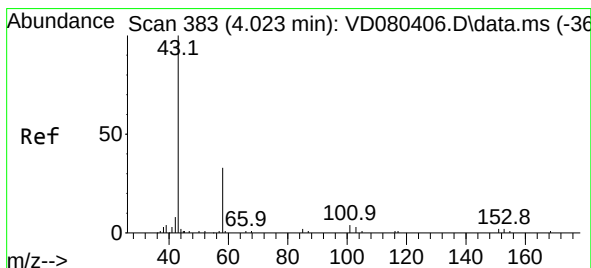
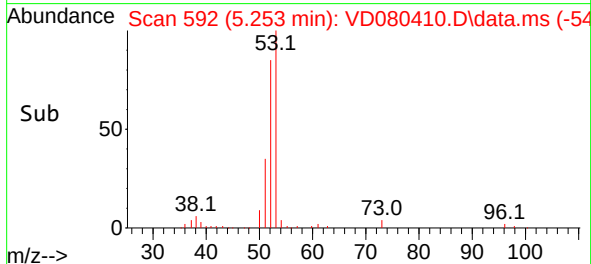
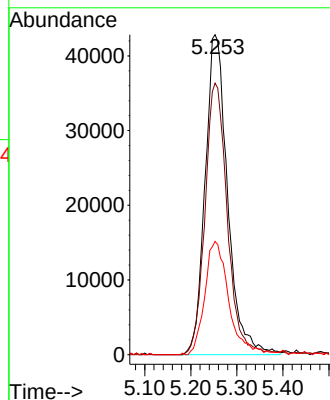
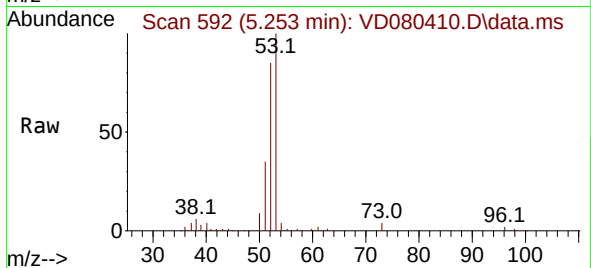




#15
Acrylonitrile
Concen: 252.223 ug/l
RT: 5.253 min Scan# 592
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

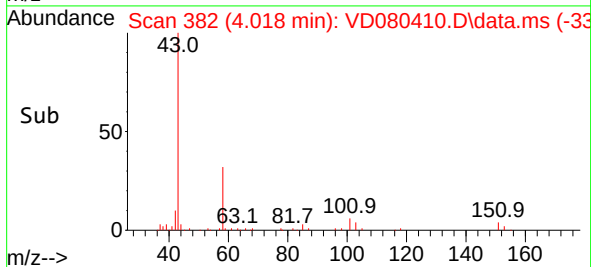
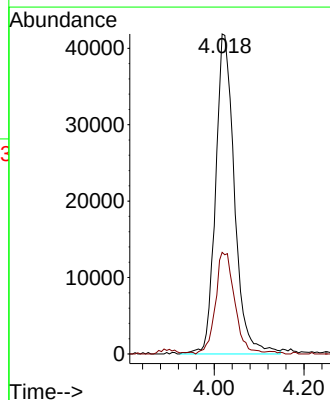
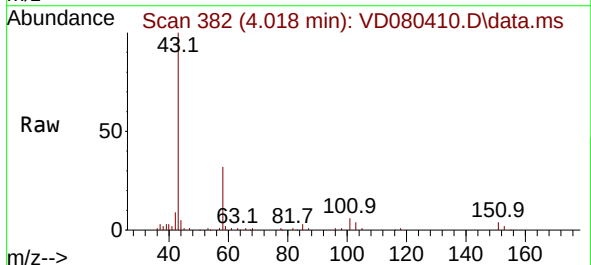
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

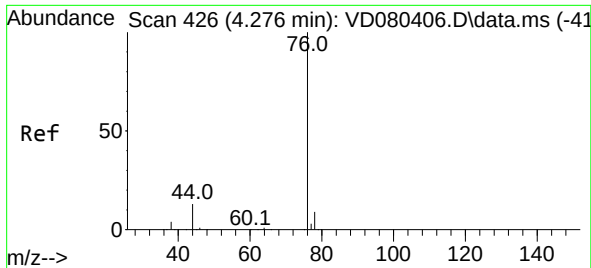
Tgt Ion: 53 Resp: 145751
Ion Ratio Lower Upper
53 100
52 84.0 64.2 96.2
51 37.8 29.3 43.9



#16
Acetone
Concen: 250.376 ug/l
RT: 4.018 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 43 Resp: 122447
Ion Ratio Lower Upper
43 100
58 31.4 26.6 40.0

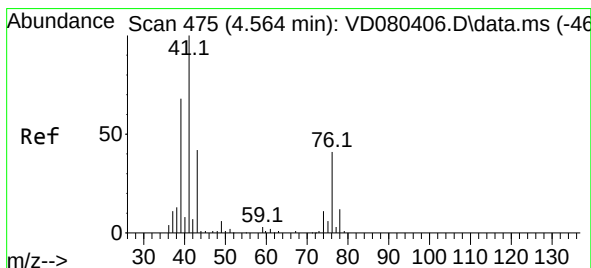
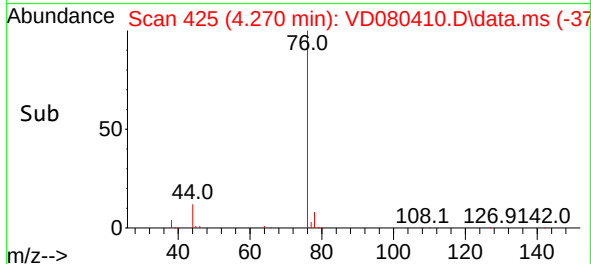
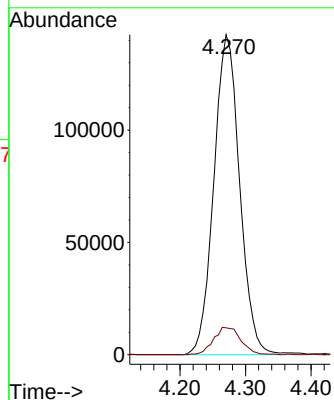
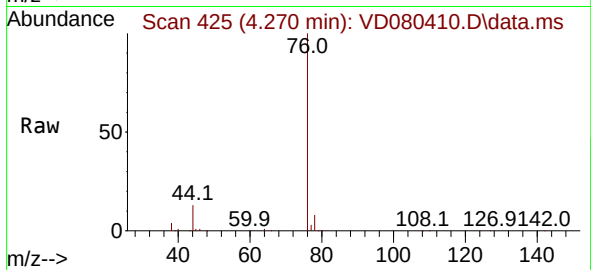




#17
Carbon Disulfide
Concen: 47.951 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

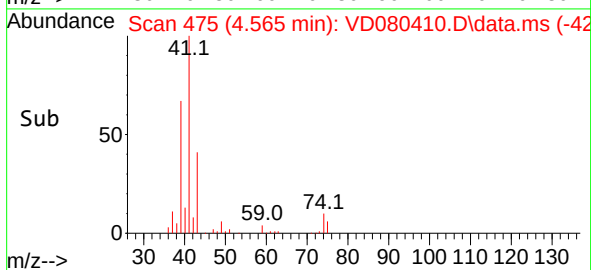
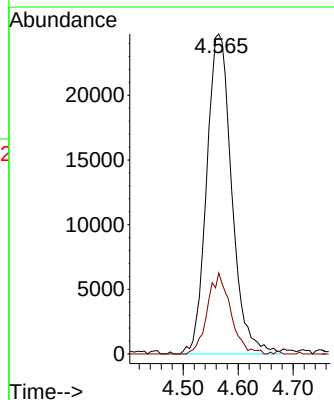
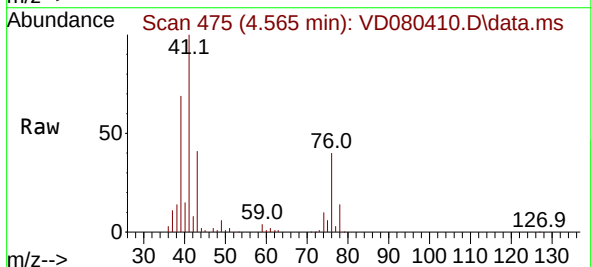
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

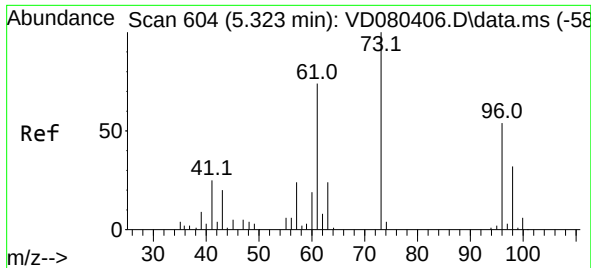
Tgt Ion: 76 Resp: 388344
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.4



#18
Methyl Acetate
Concen: 49.079 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 43 Resp: 78505
Ion Ratio Lower Upper
43 100
74 23.4 18.2 27.2

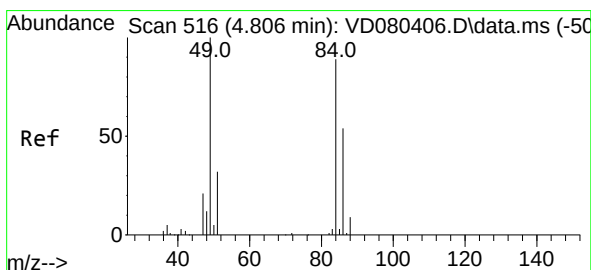
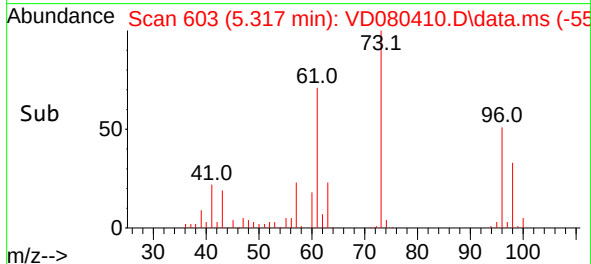
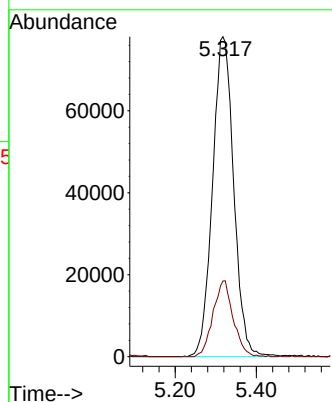
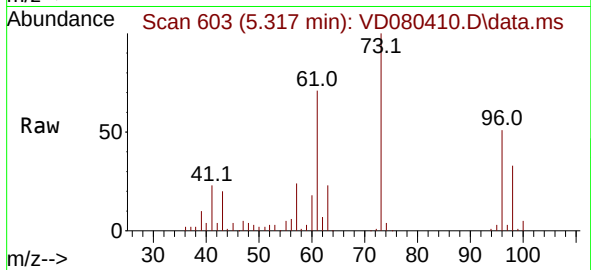




#19
Methyl tert-butyl Ether
Concen: 54.290 ug/l
RT: 5.317 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

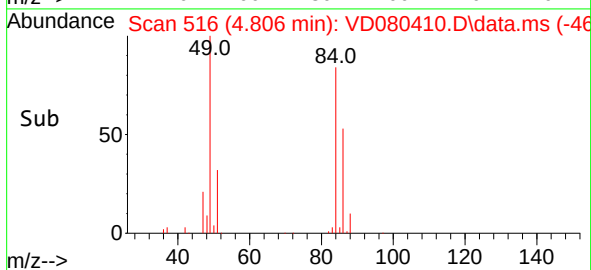
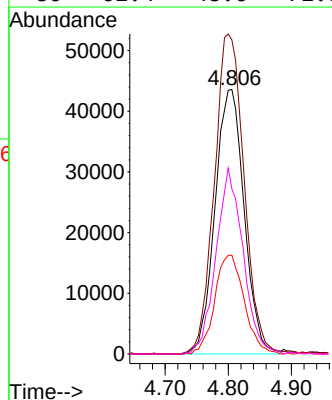
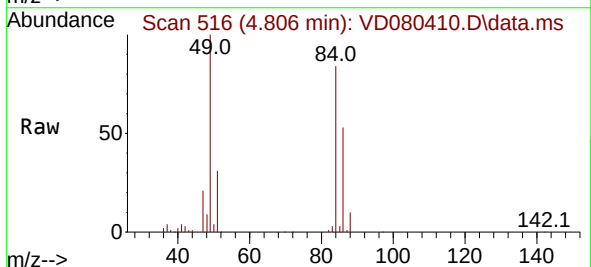
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

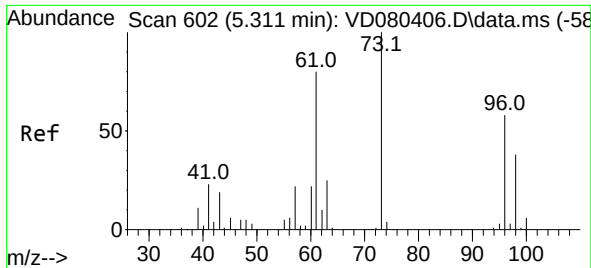
Tgt Ion: 73 Resp: 282525
Ion Ratio Lower Upper
73 100
57 23.7 18.9 28.3



#20
Methylene Chloride
Concen: 49.163 ug/l
RT: 4.806 min Scan# 516
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 84 Resp: 139590
Ion Ratio Lower Upper
84 100
49 118.8 89.4 134.2
51 37.3 28.5 42.7
86 62.4 48.6 72.8

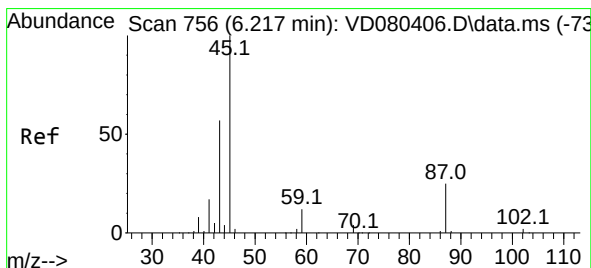
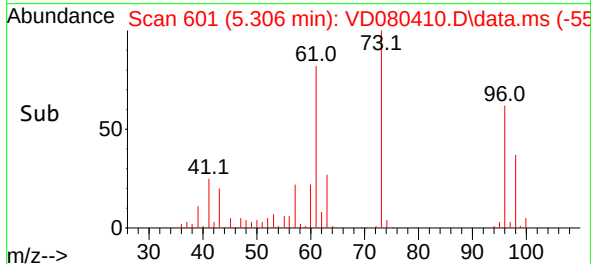
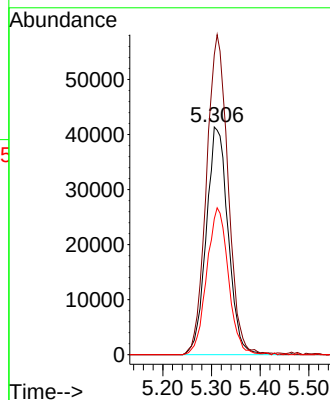
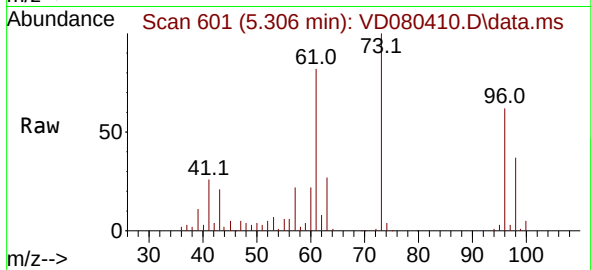




#21
trans-1,2-Dichloroethene
Concen: 51.173 ug/l
RT: 5.306 min Scan# 602
Delta R.T. -0.006 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

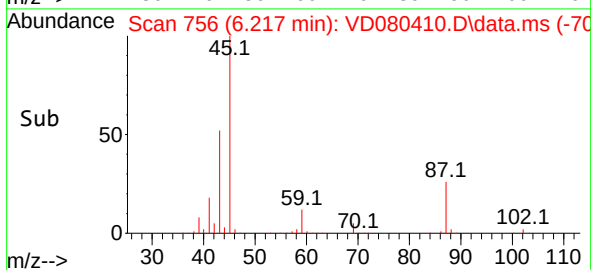
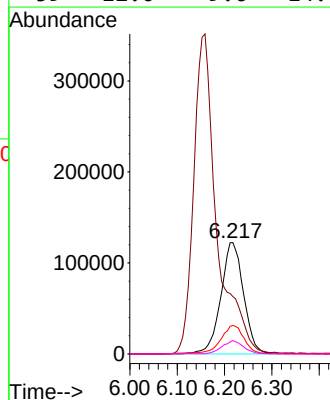
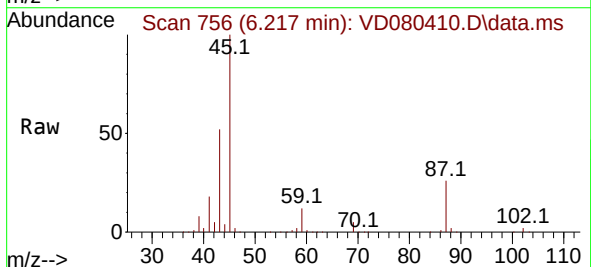
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

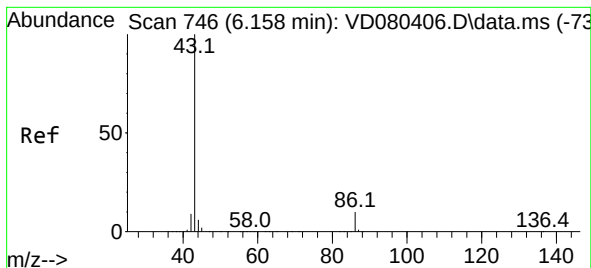
Tgt Ion: 96 Resp: 128538
Ion Ratio Lower Upper
96 100
61 131.7 110.8 166.2
98 59.7 52.2 78.2



#22
Diisopropyl ether
Concen: 52.606 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 45 Resp: 408212
Ion Ratio Lower Upper
45 100
43 50.7 45.6 68.4
87 25.4 20.4 30.6
59 12.0 9.6 14.4





#23

Vinyl Acetate

Concen: 264.416 ug/l

RT: 6.159 min Scan# 746

Delta R.T. 0.000 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

Instrument :

MSVOA_D

ClientSampleId :

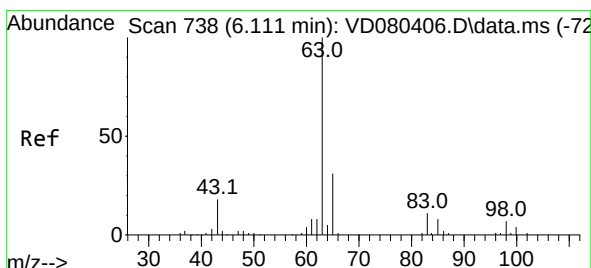
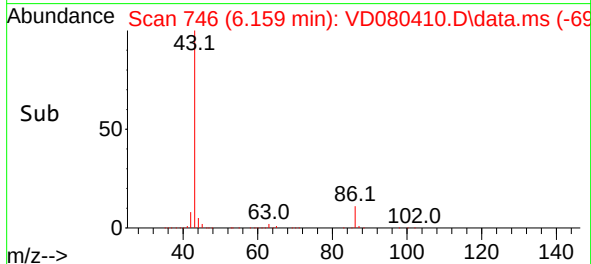
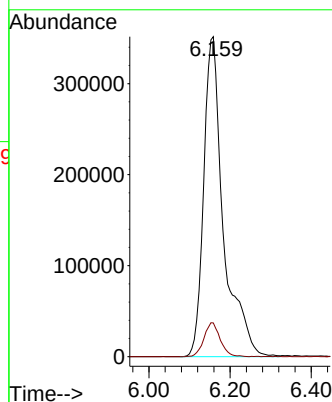
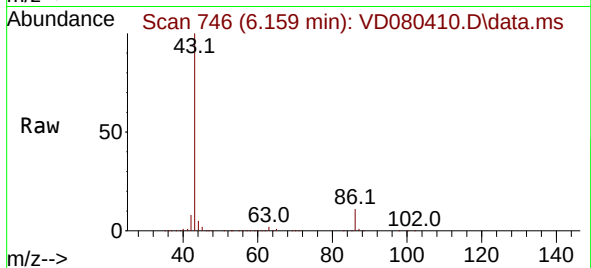
ICVVD060425

Tgt Ion: 43 Resp: 1187051

Ion Ratio Lower Upper

43 100

86 10.6 8.3 12.5



#24

1,1-Dichloroethane

Concen: 49.189 ug/l

RT: 6.112 min Scan# 738

Delta R.T. 0.000 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

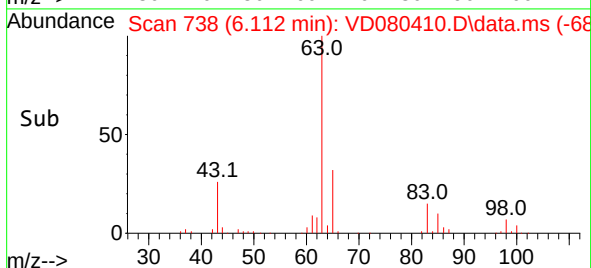
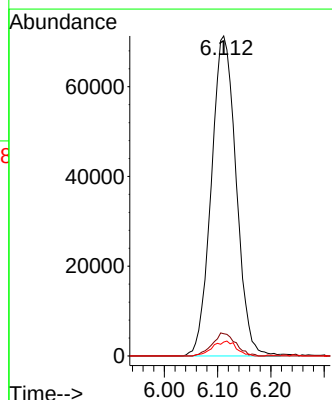
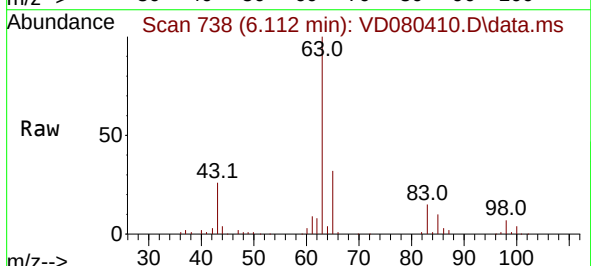
Tgt Ion: 63 Resp: 230840

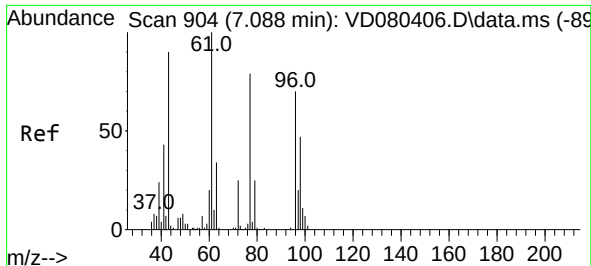
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

100 4.3 1.9 5.7

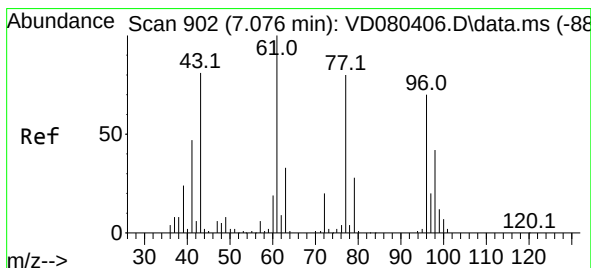
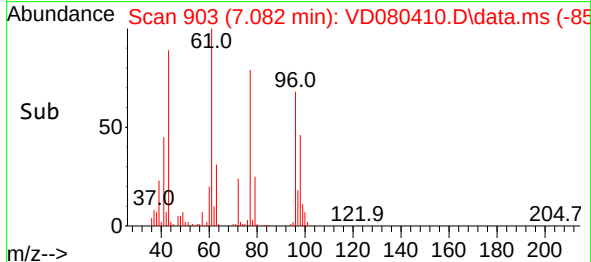
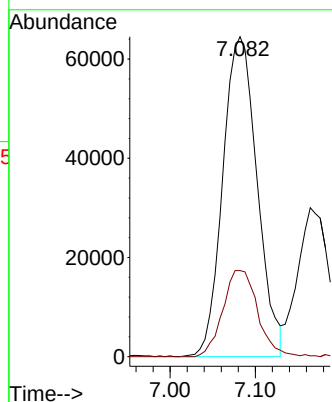
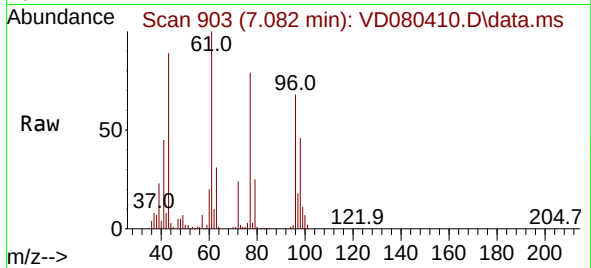




#25
2-Butanone
Concen: 253.839 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.006 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

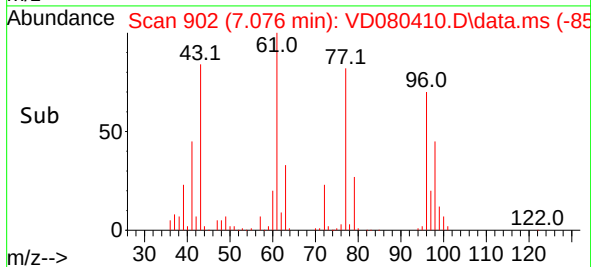
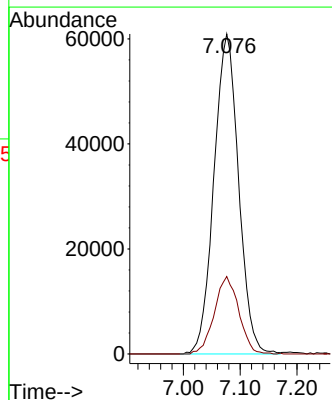
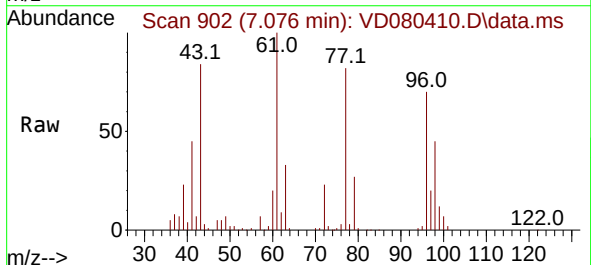
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

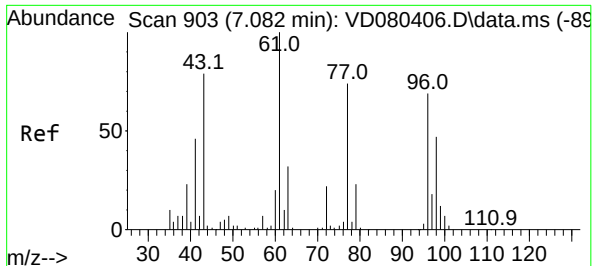
Tgt Ion: 43 Resp: 180765
Ion Ratio Lower Upper
43 100
72 26.9 22.2 33.2



#26
2,2-Dichloropropane
Concen: 49.089 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 77 Resp: 183442
Ion Ratio Lower Upper
77 100
97 24.0 12.2 36.4



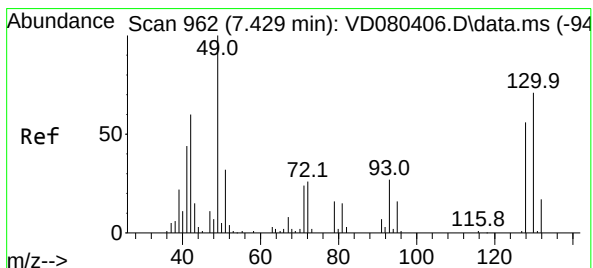
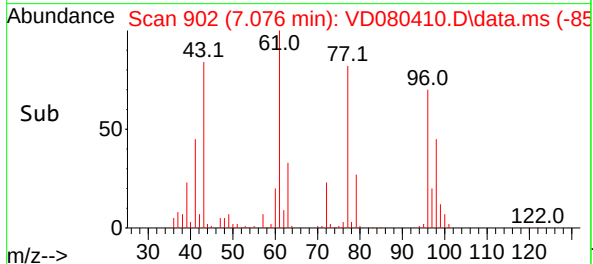
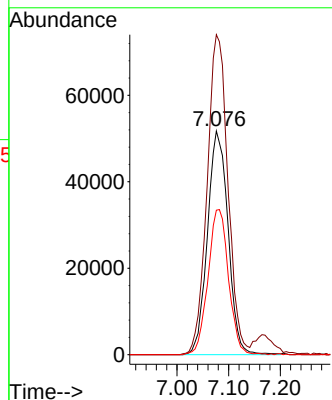
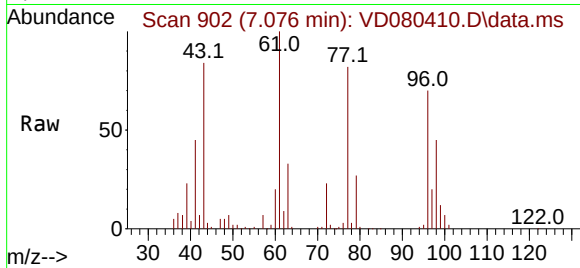


#27
 cis-1,2-Dichloroethene
 Concen: 50.727 ug/l
 RT: 7.076 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: VD080410.D
 Acq: 04 Jun 2025 15:13

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060425

Tgt Ion: 96 Resp: 143504

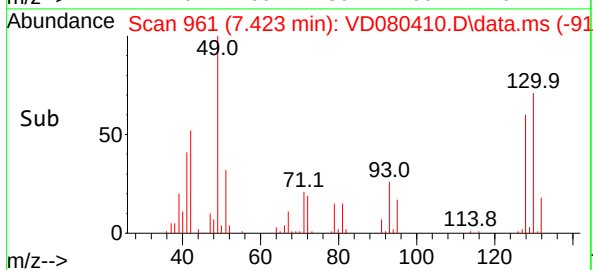
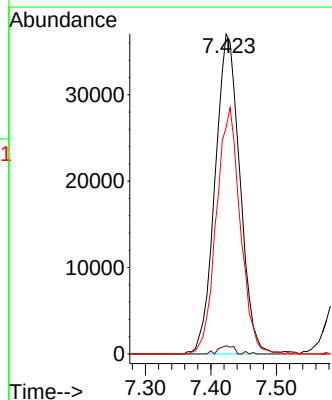
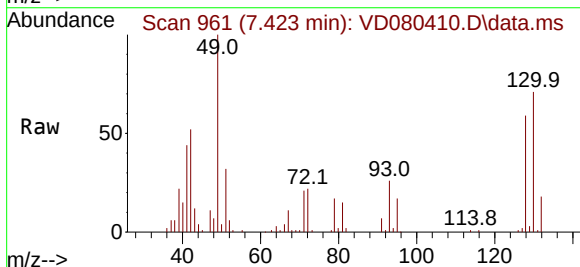
Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	291.0
98	64.6	0.0	130.6

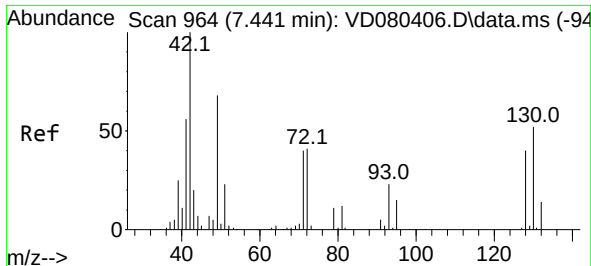


#28
 Bromochloromethane
 Concen: 46.826 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. -0.006 min
 Lab File: VD080410.D
 Acq: 04 Jun 2025 15:13

Tgt Ion: 49 Resp: 97235

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	1.2#
130	74.4	58.6	88.0





#29

Tetrahydrofuran

Concen: 268.414 ug/l

RT: 7.447 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060425

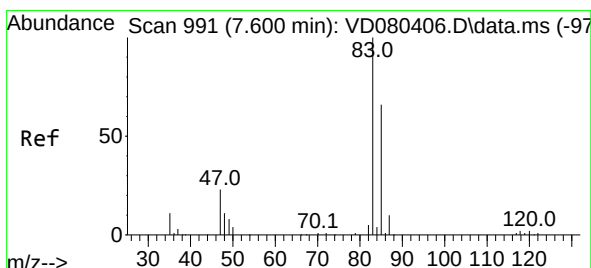
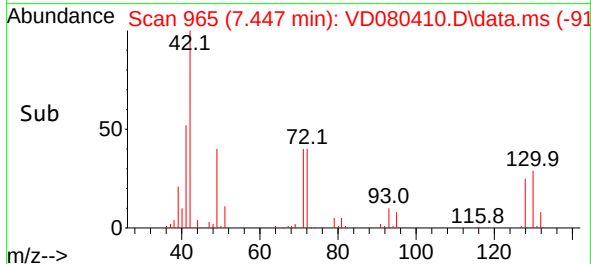
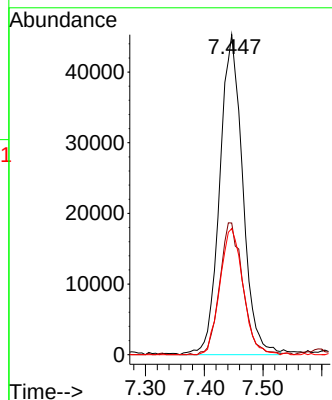
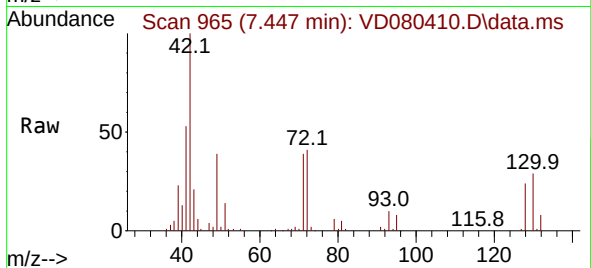
Tgt Ion: 42 Resp: 122974

Ion Ratio Lower Upper

42 100

72 41.6 34.1 51.1

71 39.9 32.2 48.4



#30

Chloroform

Concen: 49.179 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.006 min

Lab File: VD080410.D

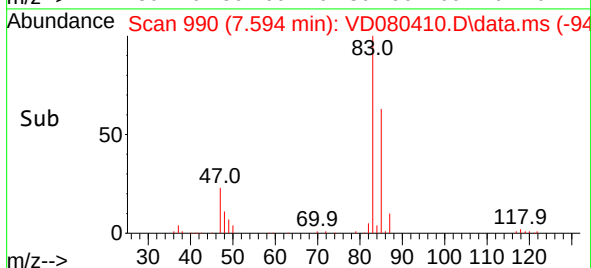
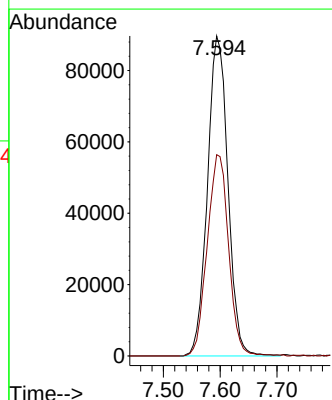
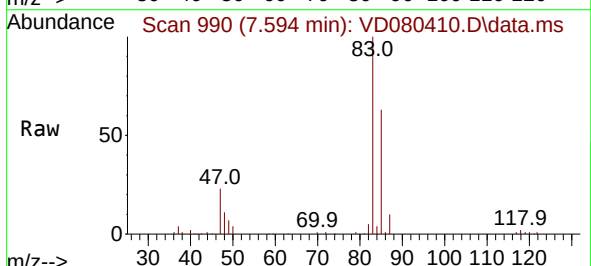
Acq: 04 Jun 2025 15:13

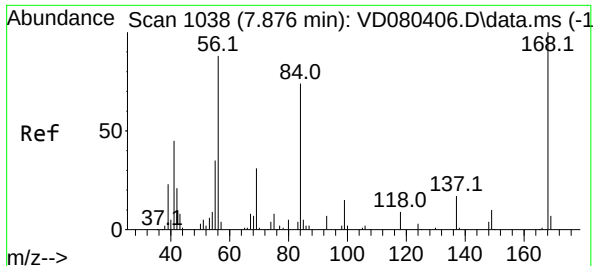
Tgt Ion: 83 Resp: 224025

Ion Ratio Lower Upper

83 100

85 62.9 52.8 79.2





#31

Cyclohexane

Concen: 47.633 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060425

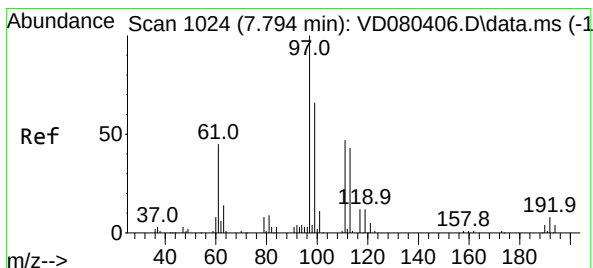
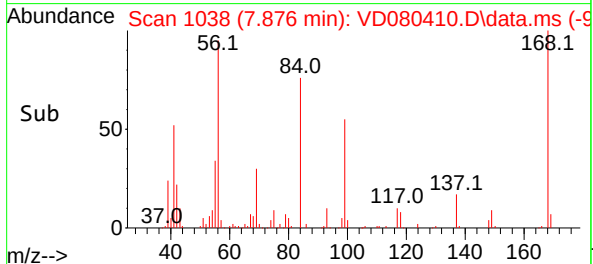
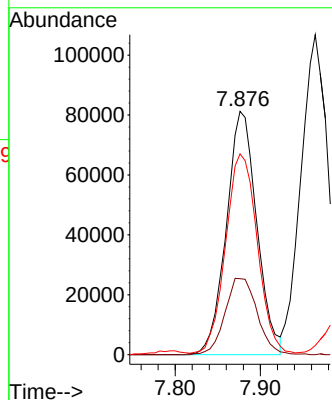
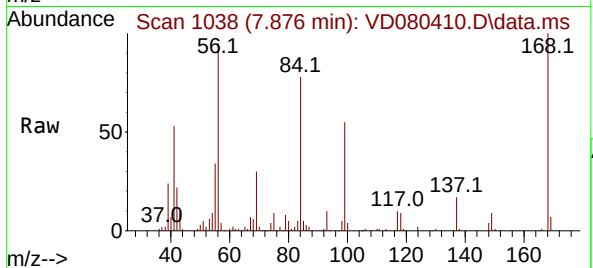
Tgt Ion: 56 Resp: 202235

Ion Ratio Lower Upper

56 100

69 31.3 28.5 42.7

84 81.5 67.4 101.0



#32

1,1,1-Trichloroethane

Concen: 49.493 ug/l

RT: 7.794 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

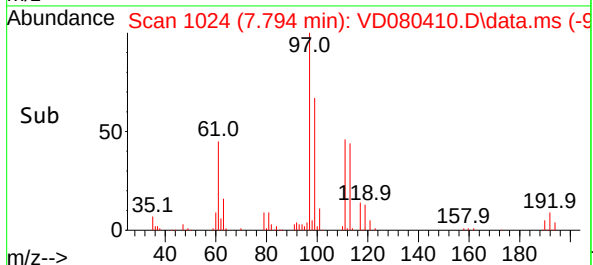
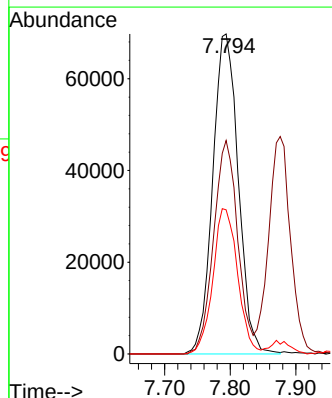
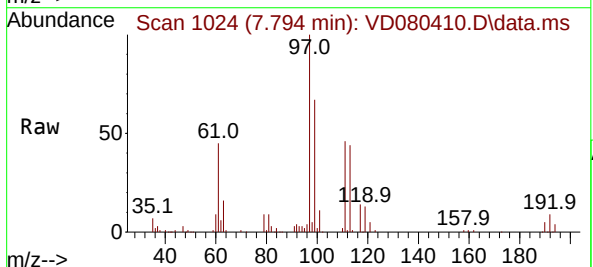
Tgt Ion: 97 Resp: 188543

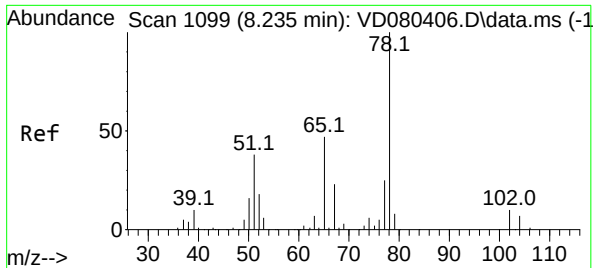
Ion Ratio Lower Upper

97 100

99 63.0 50.2 75.4

61 44.0 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 46.682 ug/l

RT: 8.229 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

Instrument :

MSVOA_D

ClientSampleId :

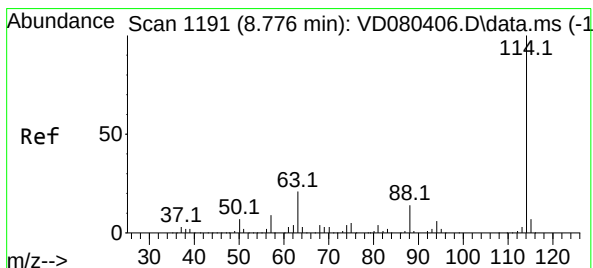
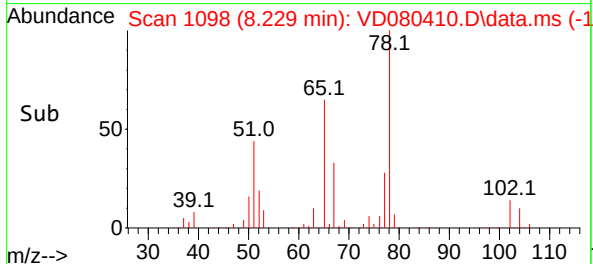
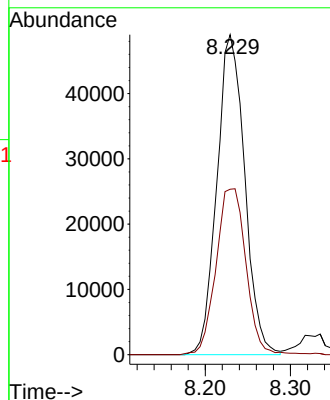
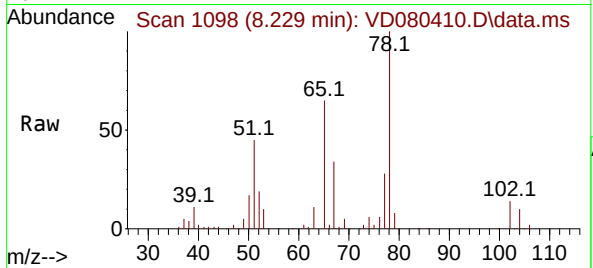
ICVVD060425

Tgt Ion: 65 Resp: 111152

Ion Ratio Lower Upper

65 100

67 55.8 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: VD080410.D

Acq: 04 Jun 2025 15:13

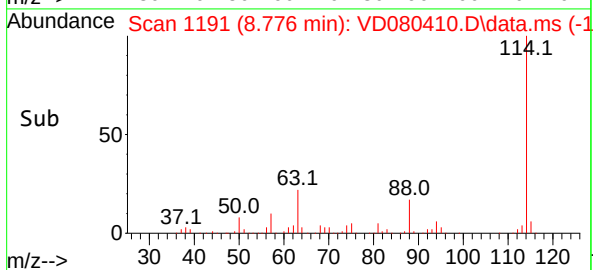
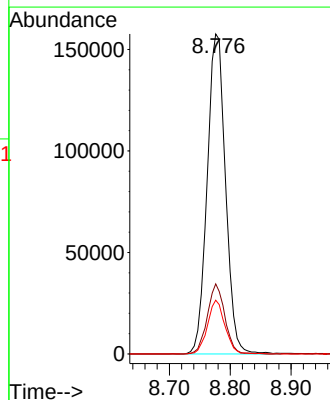
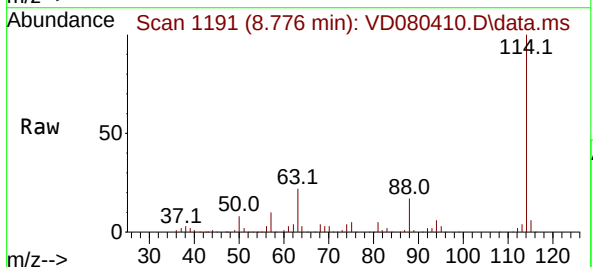
Tgt Ion: 114 Resp: 329922

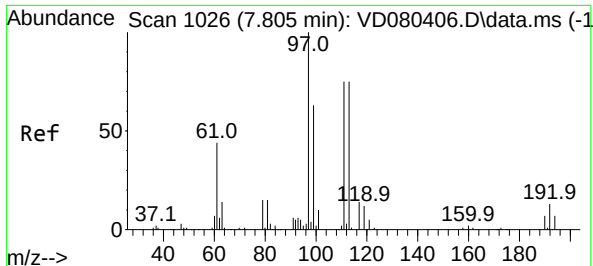
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.0

88 16.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.743 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060425

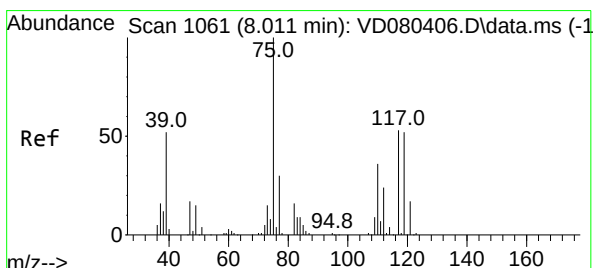
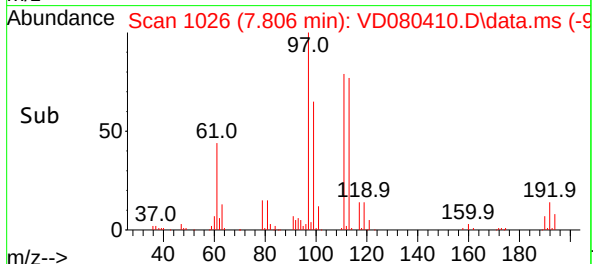
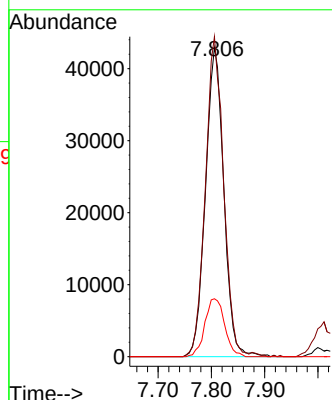
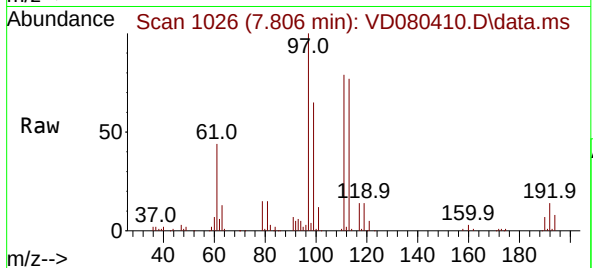
Tgt Ion:113 Resp: 102562

Ion Ratio Lower Upper

113 100

111 102.6 84.6 127.0

192 20.3 15.8 23.6



#36

1,1-Dichloropropene

Concen: 50.607 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

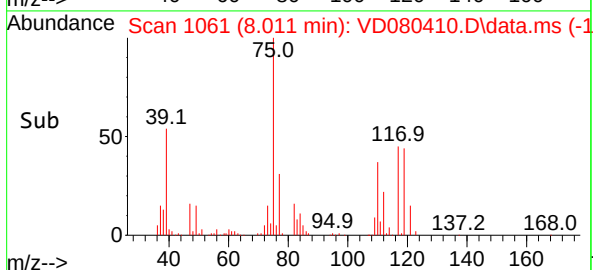
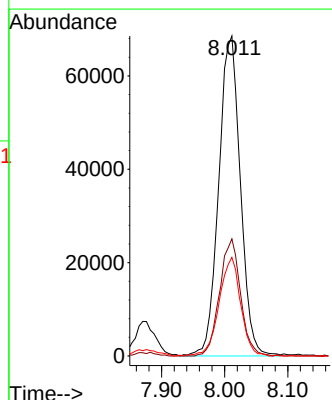
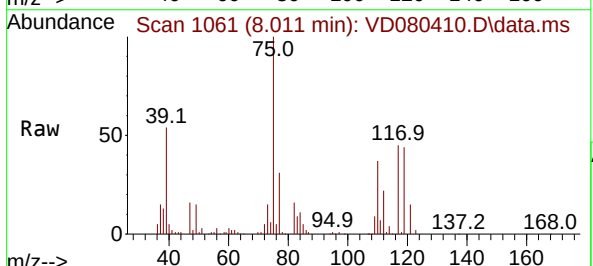
Tgt Ion: 75 Resp: 163537

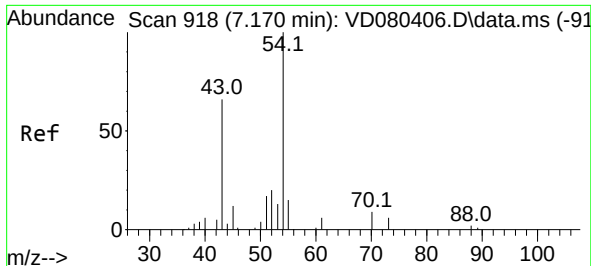
Ion Ratio Lower Upper

75 100

110 35.2 17.4 52.3

77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 51.923 ug/l

RT: 7.164 min Scan# 918

Delta R.T. -0.006 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

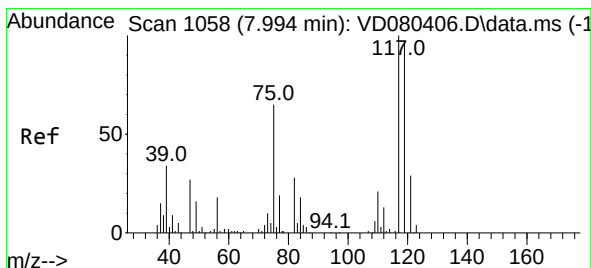
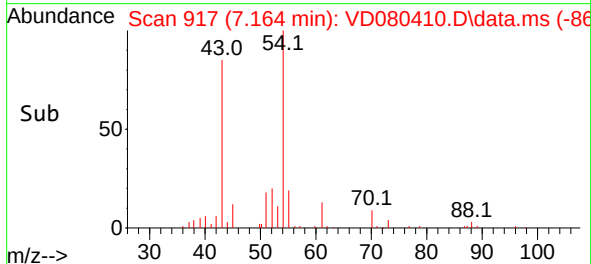
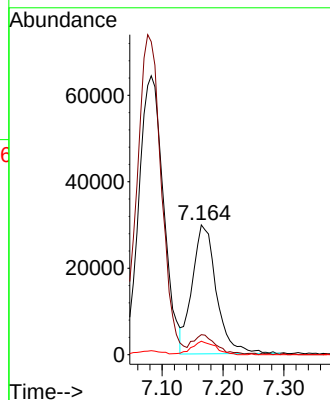
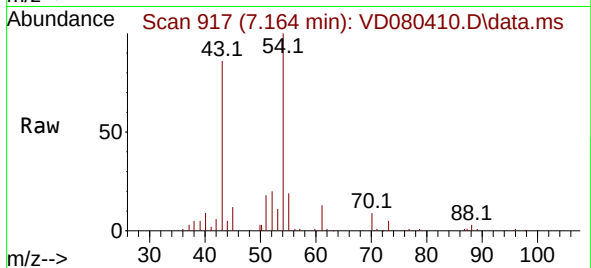
Instrument :

MSVOA_D

ClientSampleId :

ICVVD060425

Tgt Ion:	43	Resp:	82216
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.5	17.3
70	10.2	8.6	13.0



#38

Carbon Tetrachloride

Concen: 49.287 ug/l

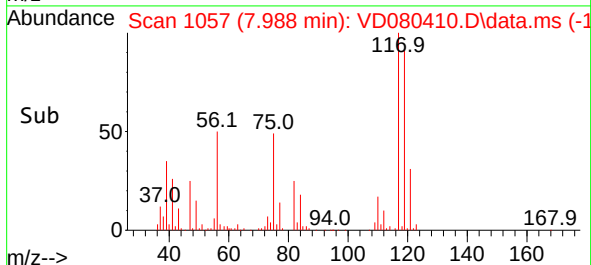
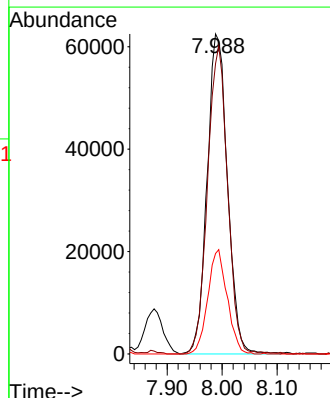
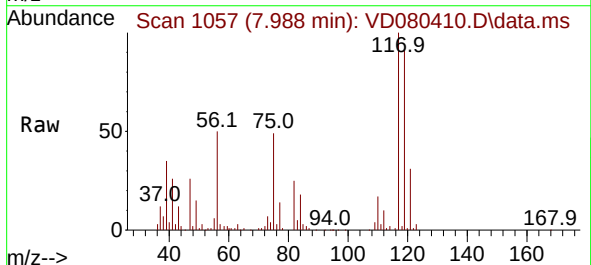
RT: 7.988 min Scan# 1057

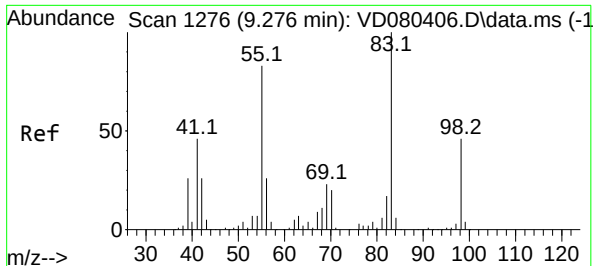
Delta R.T. -0.006 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

Tgt Ion:	117	Resp:	160990
Ion	Ratio	Lower	Upper
117	100		
119	90.8	78.0	117.0
121	31.4	23.2	34.8





#39

Methylcyclohexane

Concen: 52.031 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060425

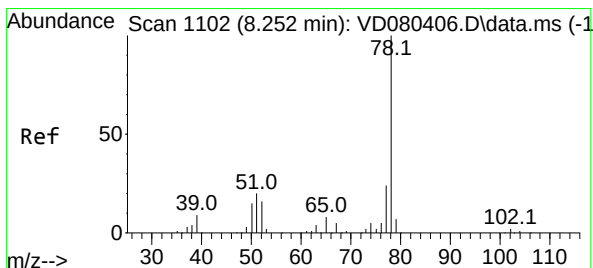
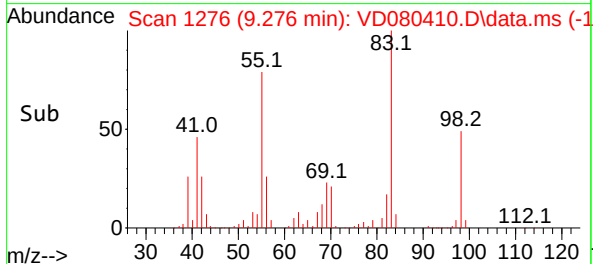
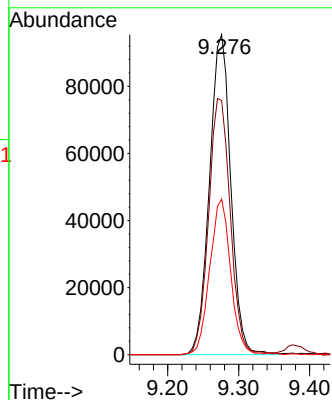
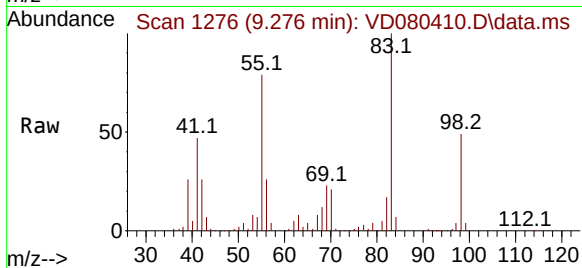
Tgt Ion: 83 Resp: 199163

Ion Ratio Lower Upper

83 100

55 79.5 66.2 99.4

98 48.7 37.0 55.6



#40

Benzene

Concen: 50.779 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080410.D

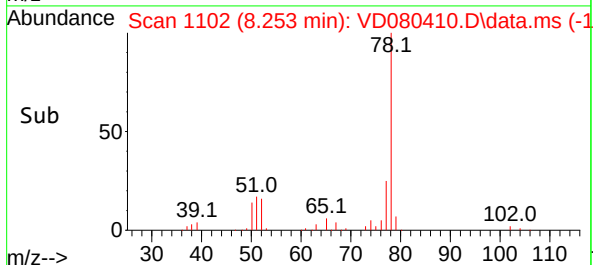
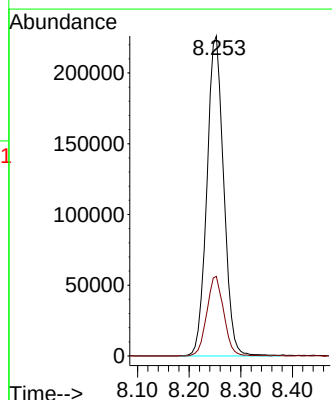
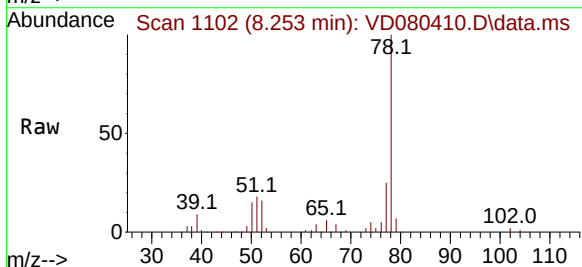
Acq: 04 Jun 2025 15:13

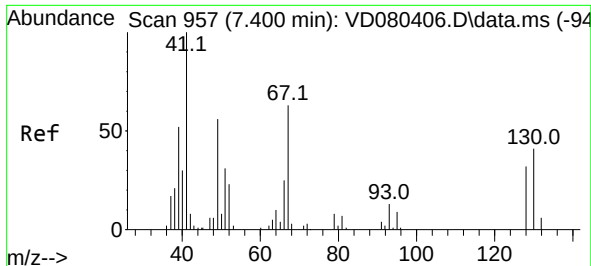
Tgt Ion: 78 Resp: 510930

Ion Ratio Lower Upper

78 100

77 24.8 19.6 29.4

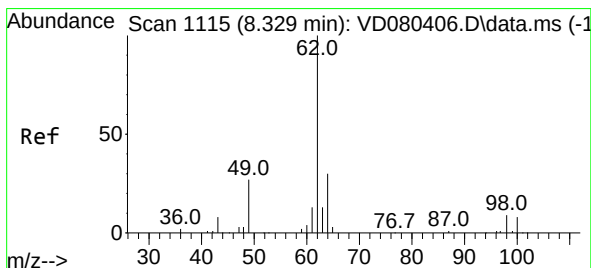
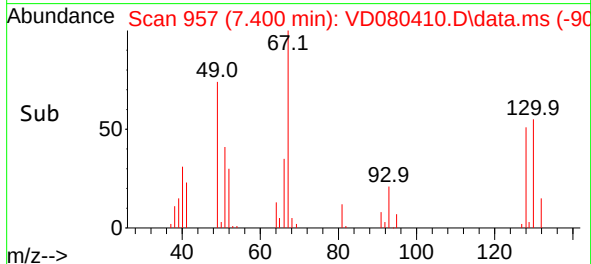
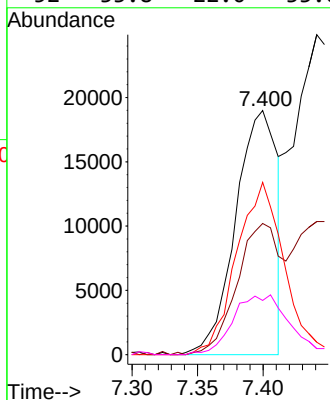
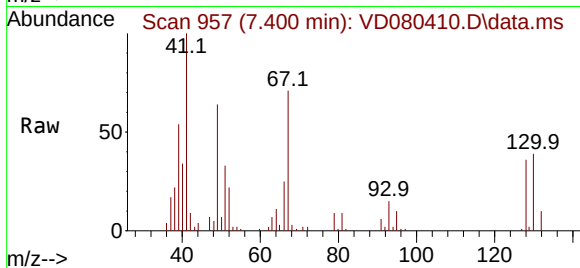




#41
Methacrylonitrile
Concen: 43.684 ug/l
RT: 7.400 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

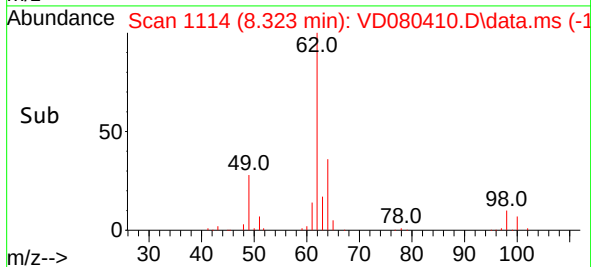
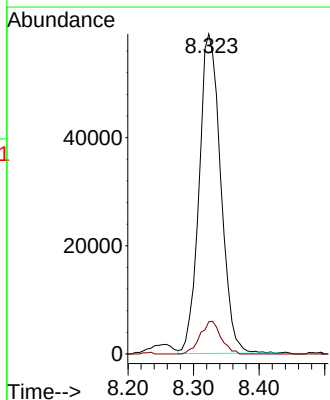
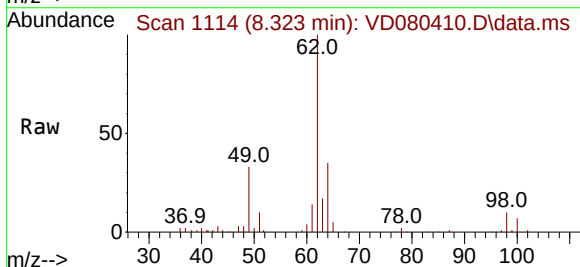
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

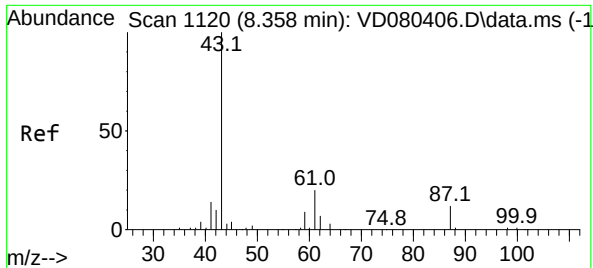
Tgt Ion:	41	Resp:	41757
Ion	Ratio	Lower	Upper
41	100		
39	58.2	37.6	56.4#
67	81.3	50.4	75.6#
52	33.8	22.0	33.0#



#42
1,2-Dichloroethane
Concen: 49.434 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion:	62	Resp:	135414
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2

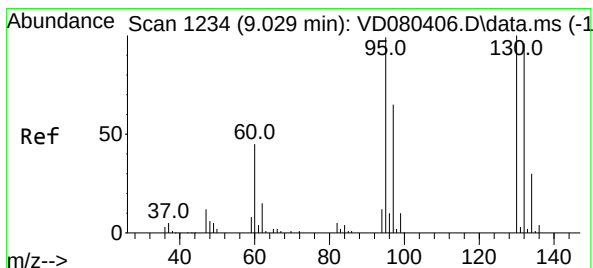
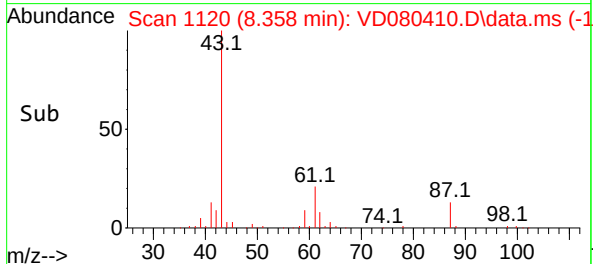
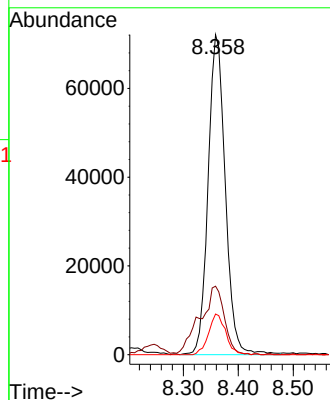
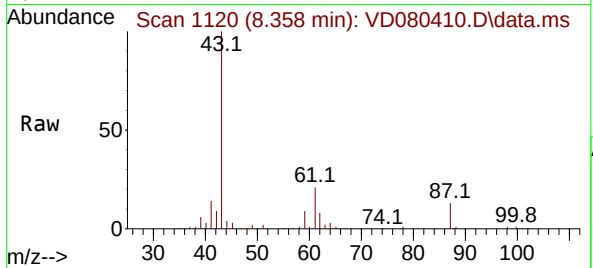




#43
Isopropyl Acetate
Concen: 52.040 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

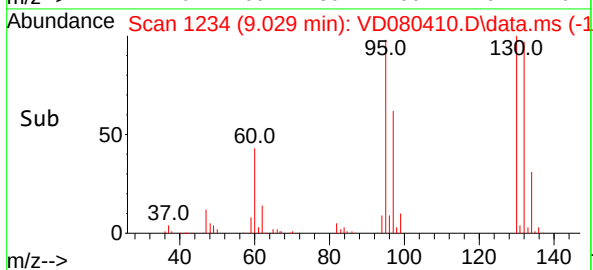
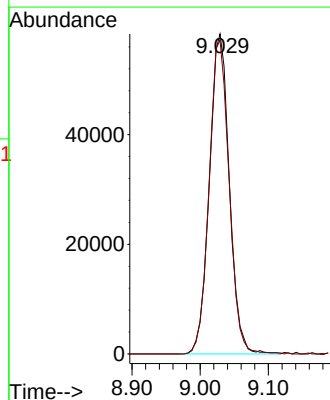
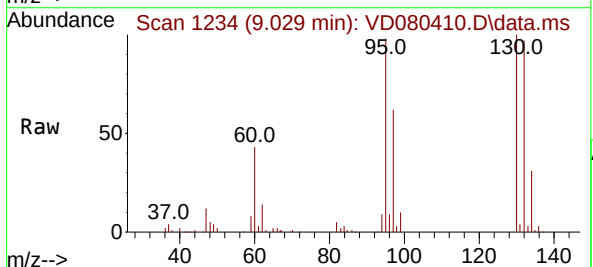
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

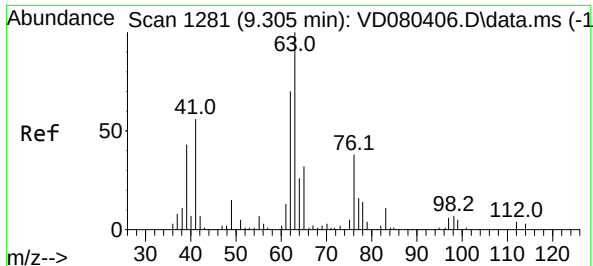
Tgt Ion: 43 Resp: 156669
Ion Ratio Lower Upper
43 100
61 30.2 24.4 36.6
87 12.6 10.2 15.4



#44
Trichloroethene
Concen: 50.975 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion:130 Resp: 118801
Ion Ratio Lower Upper
130 100
95 98.1 0.0 198.2





#45

1,2-Dichloropropane

Concen: 50.986 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

Instrument :

MSVOA_D

ClientSampleId :

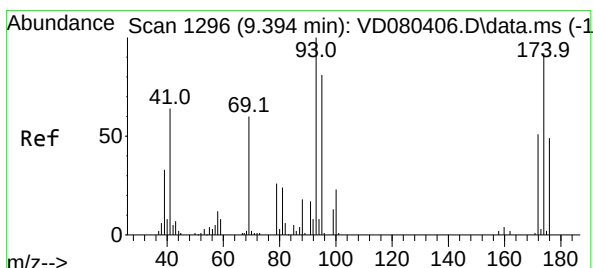
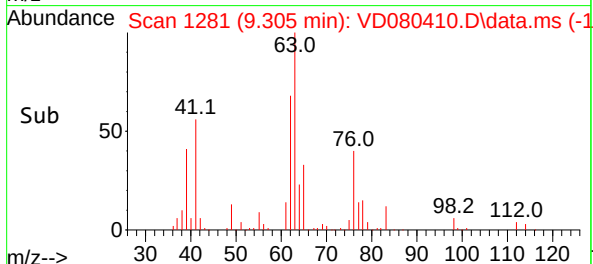
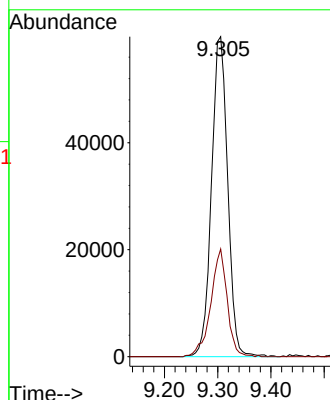
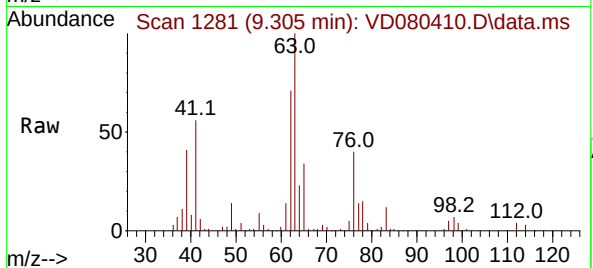
ICVVD060425

Tgt Ion: 63 Resp: 126331

Ion Ratio Lower Upper

63 100

65 33.7 25.3 37.9



#46

Dibromomethane

Concen: 51.042 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

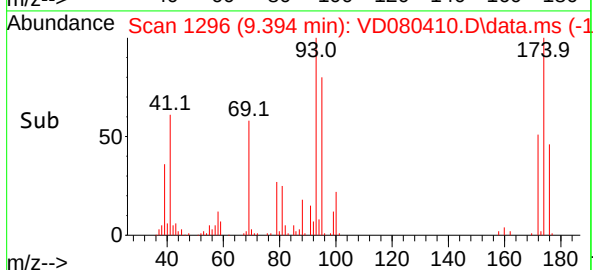
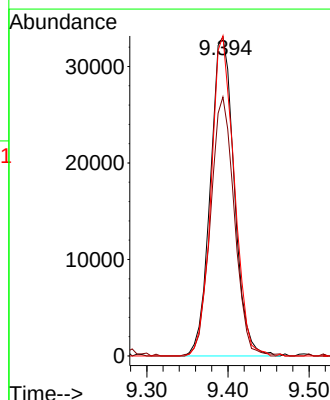
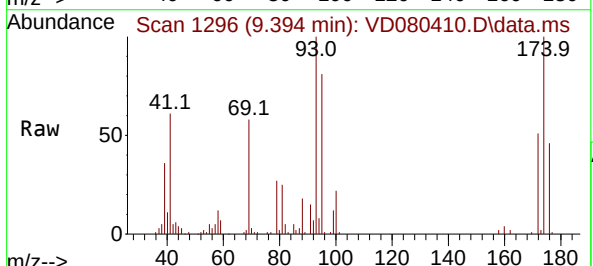
Tgt Ion: 93 Resp: 67332

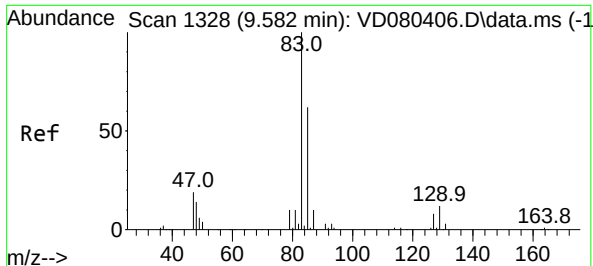
Ion Ratio Lower Upper

93 100

95 81.2 65.7 98.5

174 97.1 74.6 112.0

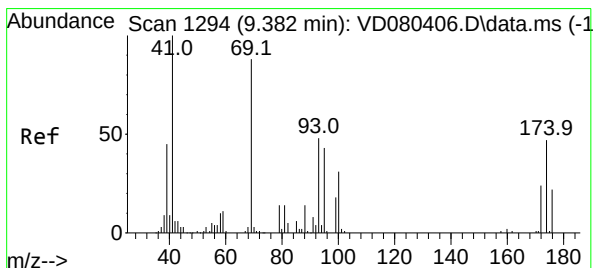
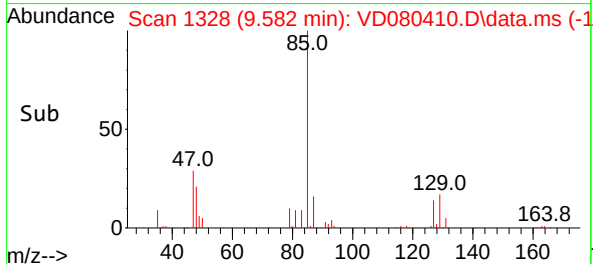
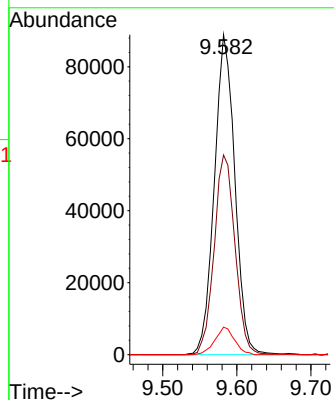
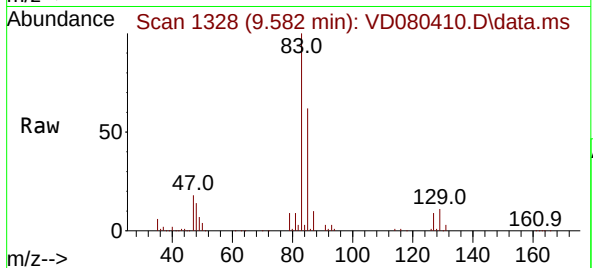




#47
Bromodichloromethane
Concen: 51.052 ug/l
RT: 9.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

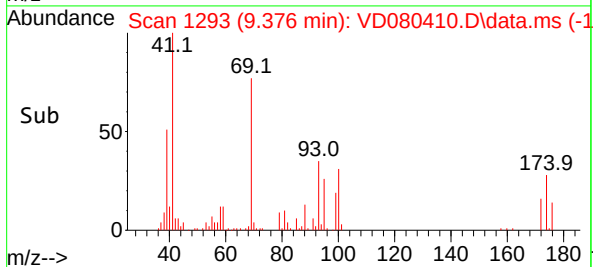
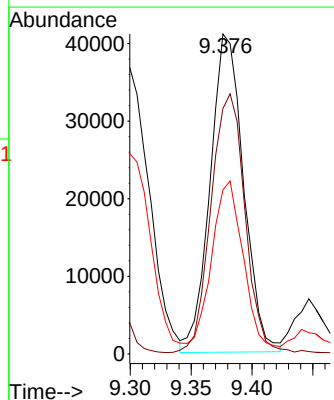
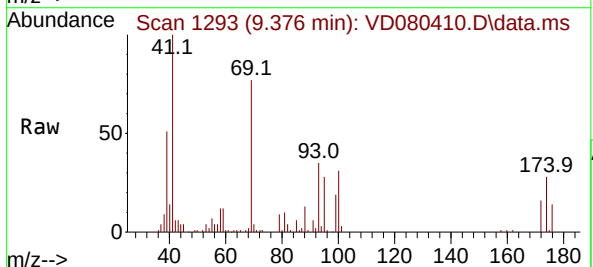
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

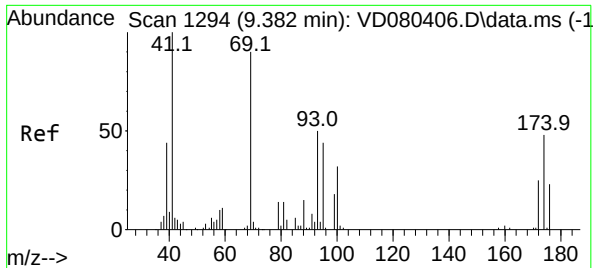
Tgt Ion: 83 Resp: 171038
Ion Ratio Lower Upper
83 100
85 62.4 49.6 74.4
127 8.6 6.5 9.7



#48
Methyl methacrylate
Concen: 52.968 ug/l
RT: 9.376 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 41 Resp: 78210
Ion Ratio Lower Upper
41 100
69 83.3 67.1 100.7
39 48.0 38.2 57.2





#49

1,4-Dioxane

Concen: 1179.866 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060425

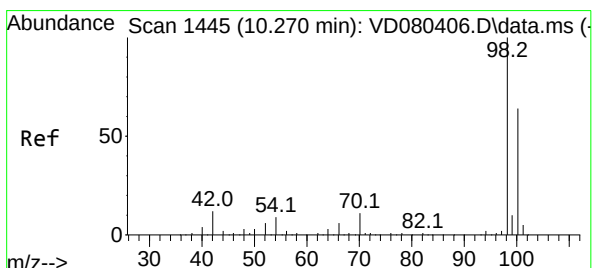
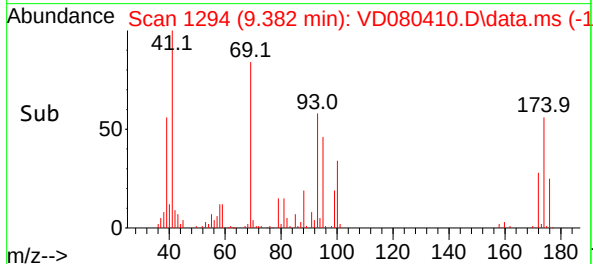
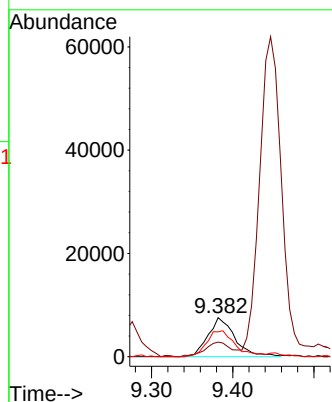
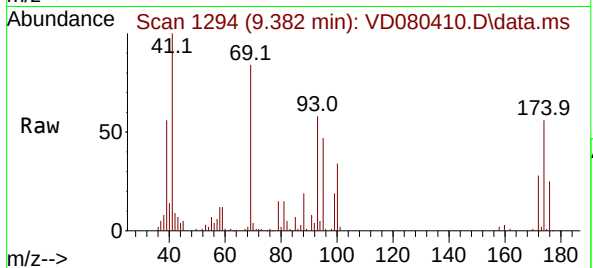
Tgt Ion: 88 Resp: 17362

Ion Ratio Lower Upper

88 100

43 35.3 29.9 44.9

58 70.0 61.8 92.8



#50

Toluene-d8

Concen: 51.413 ug/l

RT: 10.264 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VD080410.D

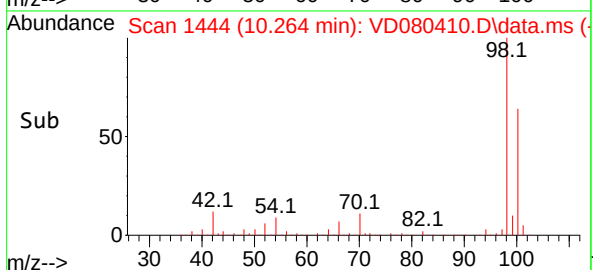
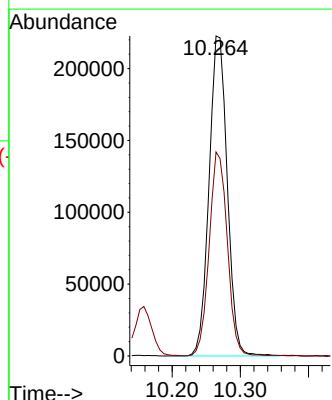
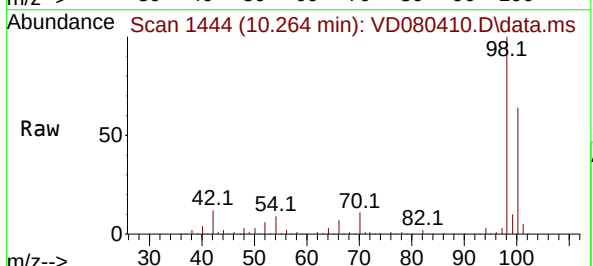
Acq: 04 Jun 2025 15:13

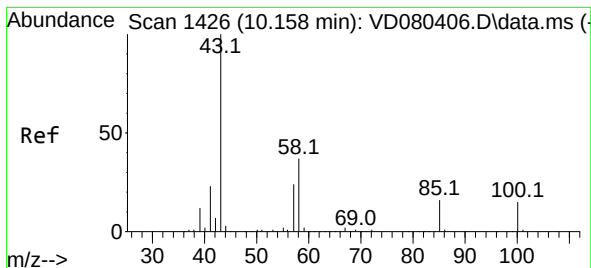
Tgt Ion: 98 Resp: 414163

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3

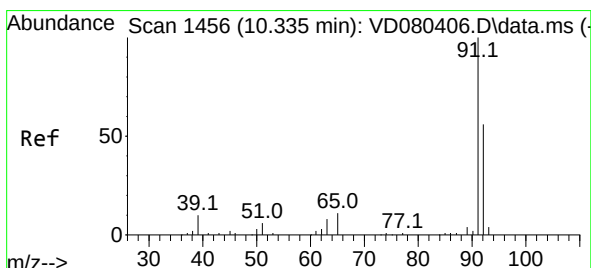
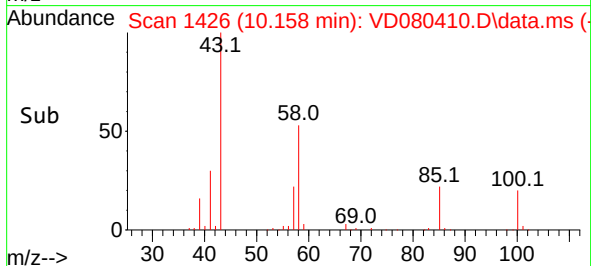
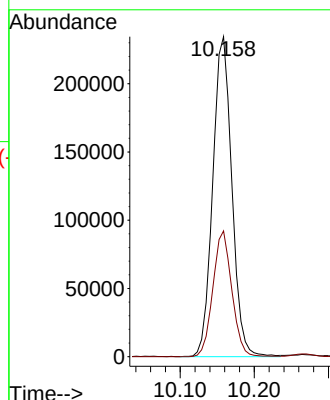
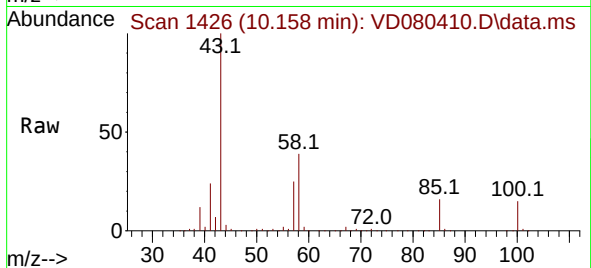




#51
4-Methyl-2-Pentanone
Concen: 273.170 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

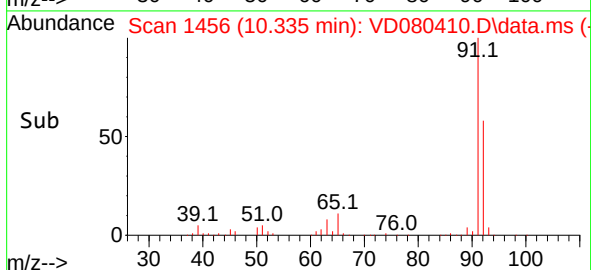
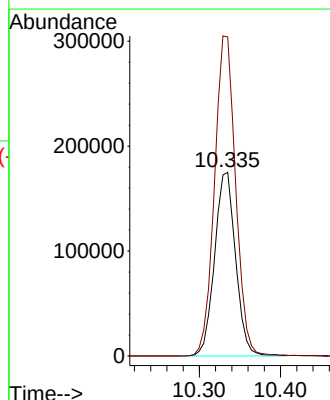
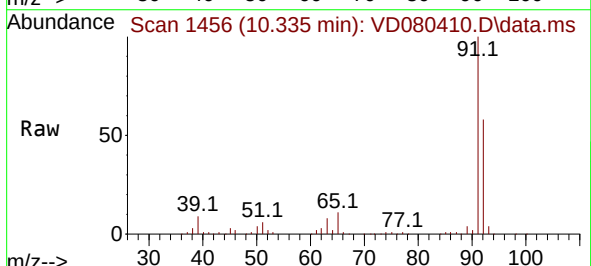
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

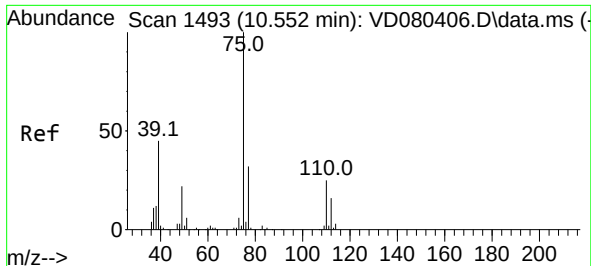
Tgt Ion: 43 Resp: 420147
Ion Ratio Lower Upper
43 100
58 38.9 30.2 45.2



#52
Toluene
Concen: 53.702 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 92 Resp: 314283
Ion Ratio Lower Upper
92 100
91 176.2 140.5 210.7

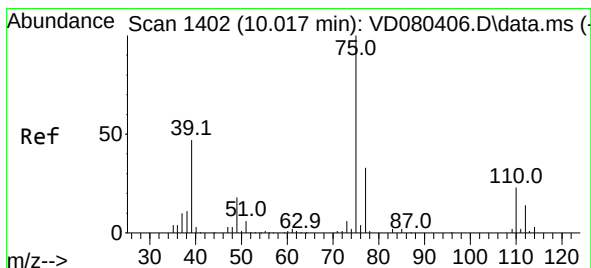
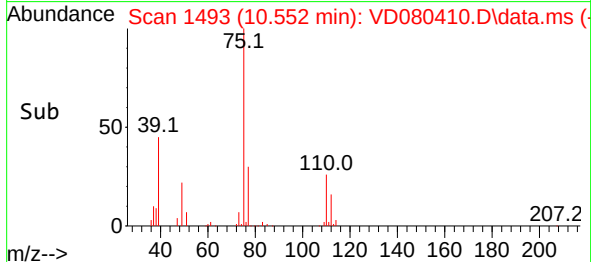
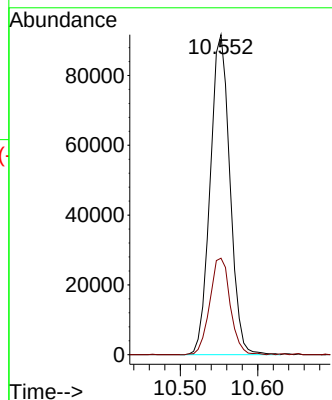
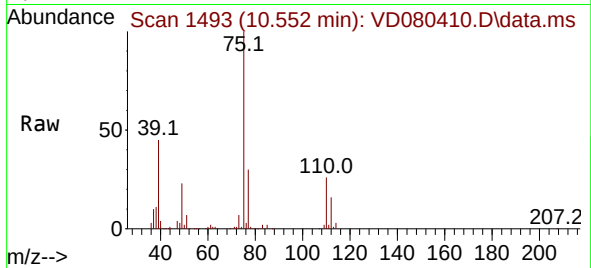




#53
t-1,3-Dichloropropene
Concen: 54.288 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

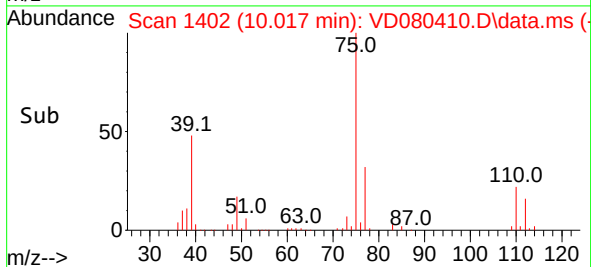
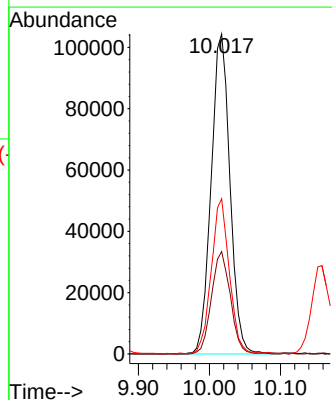
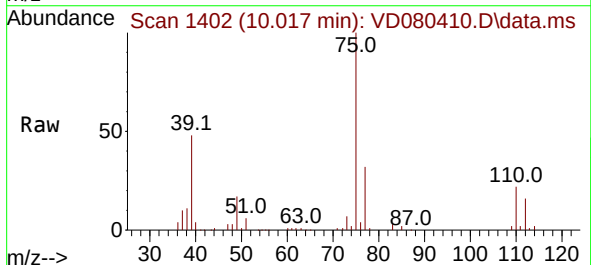
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

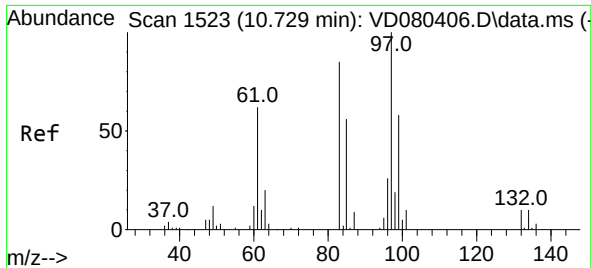
Tgt Ion: 75 Resp: 162285
Ion Ratio Lower Upper
75 100
77 30.1 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 53.139 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 75 Resp: 192257
Ion Ratio Lower Upper
75 100
77 32.0 26.6 40.0
39 48.3 37.8 56.6

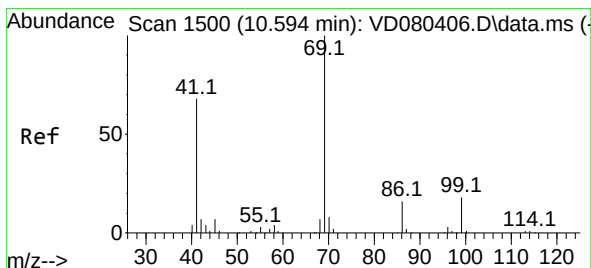
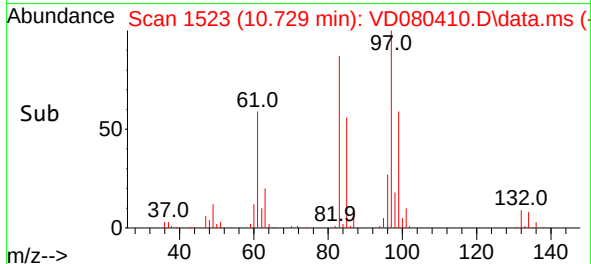
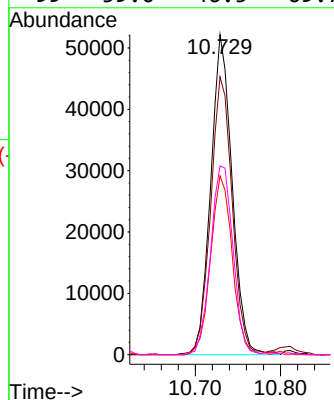
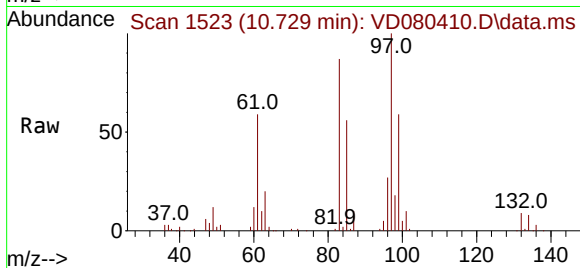




#55
1,1,2-Trichloroethane
Concen: 52.972 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

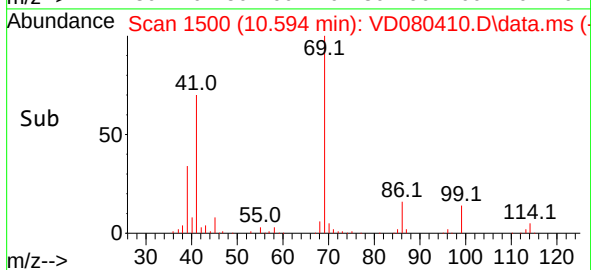
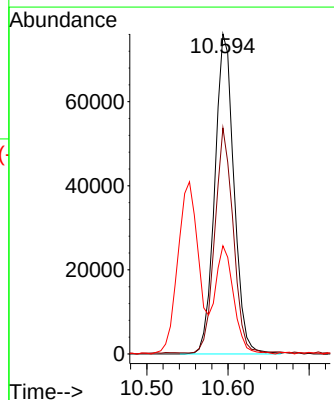
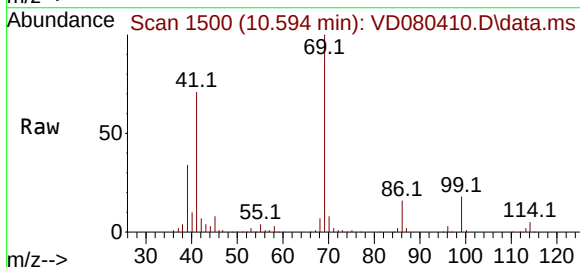
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

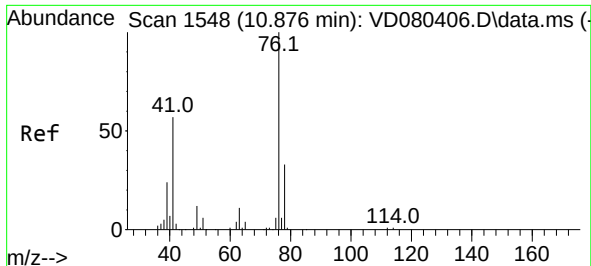
Tgt Ion:	97	Resp:	90986
Ion	Ratio	Lower	Upper
97	100		
83	86.6	67.6	101.4
85	55.9	45.0	67.6
99	59.0	46.5	69.7



#56
Ethyl methacrylate
Concen: 57.232 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

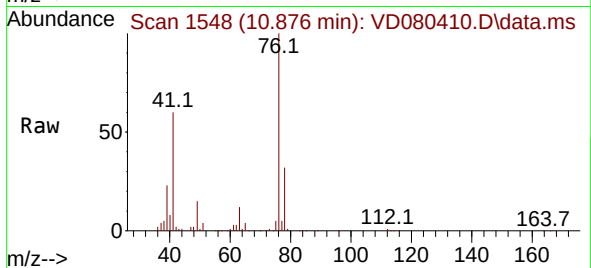
Tgt Ion:	69	Resp:	124955
Ion	Ratio	Lower	Upper
69	100		
41	67.1	53.6	80.4
39	32.0	27.2	40.8



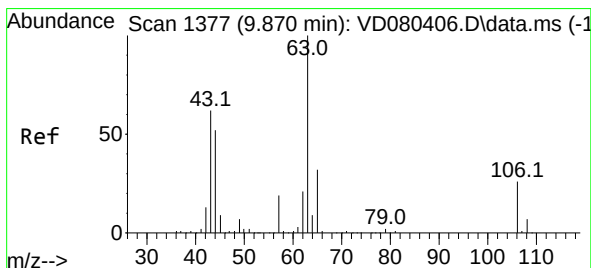
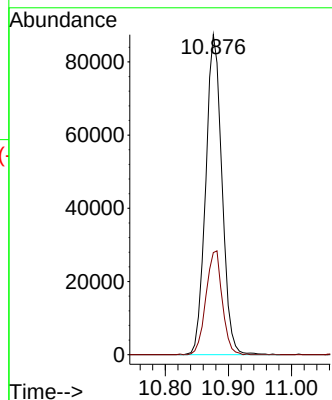
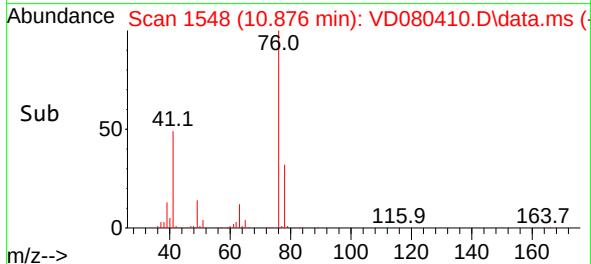


#57
1,3-Dichloropropane
Concen: 53.079 ug/l
RT: 10.876 min Scan# 1548
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

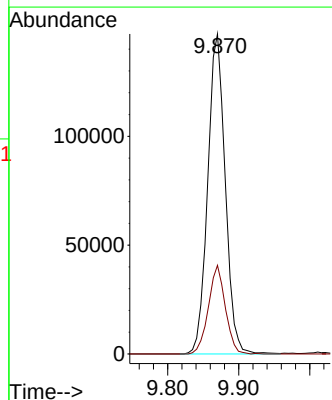
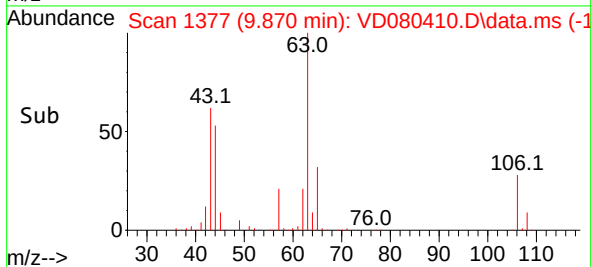
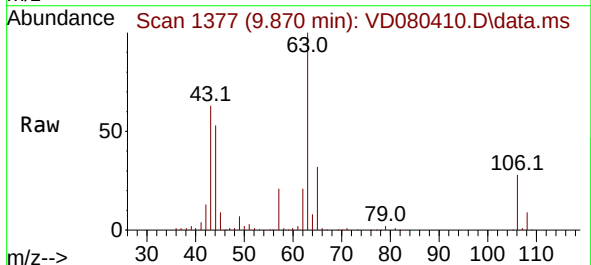


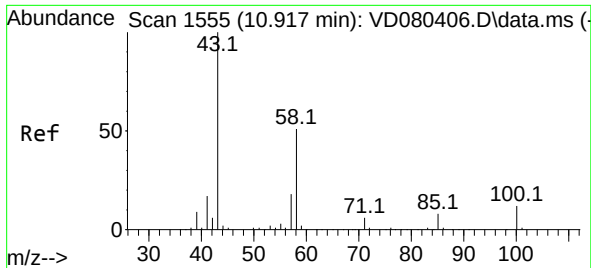
Tgt Ion: 76 Resp: 156381
Ion Ratio Lower Upper
76 100
78 32.5 26.3 39.5



#58
2-Chloroethyl Vinyl ether
Concen: 275.551 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 63 Resp: 252119
Ion Ratio Lower Upper
63 100
106 26.6 21.0 31.6

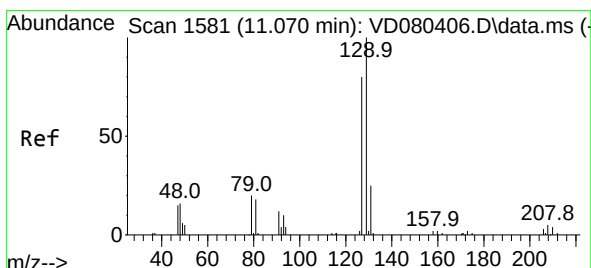
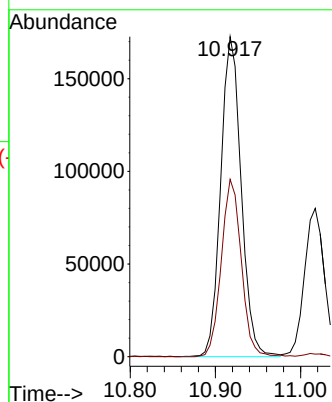
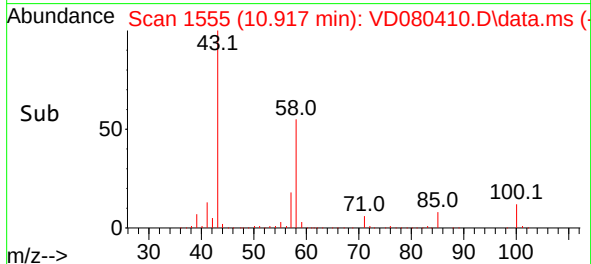
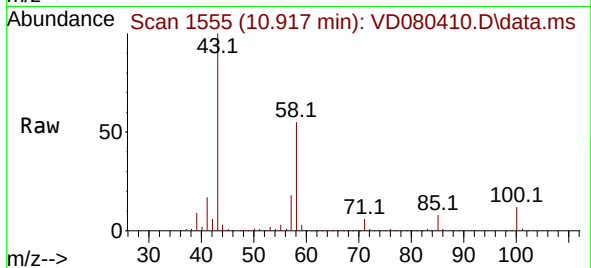




#59
2-Hexanone
Concen: 279.382 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

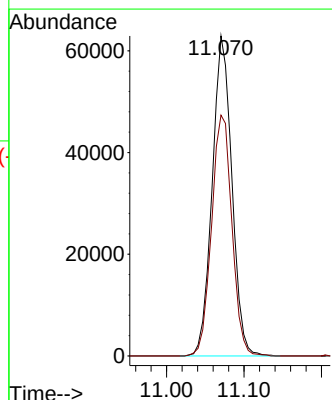
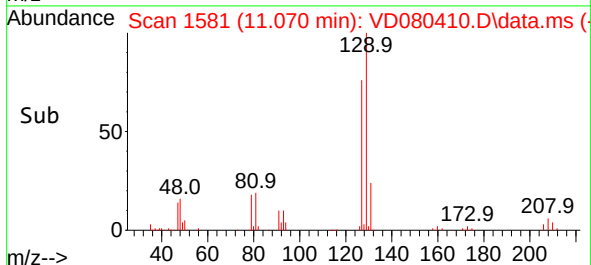
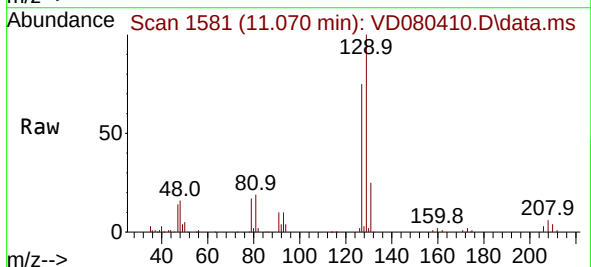
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

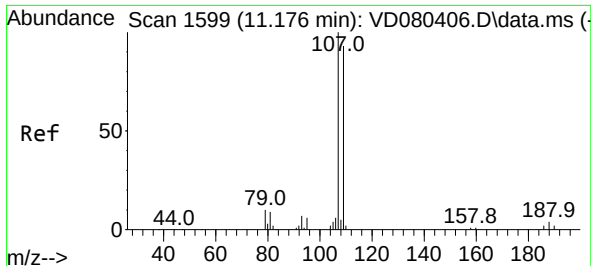
Tgt Ion: 43 Resp: 288644
Ion Ratio Lower Upper
43 100
58 54.2 26.9 80.6



#60
Dibromochloromethane
Concen: 52.824 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 129 Resp: 111235
Ion Ratio Lower Upper
129 100
127 77.9 38.2 114.6

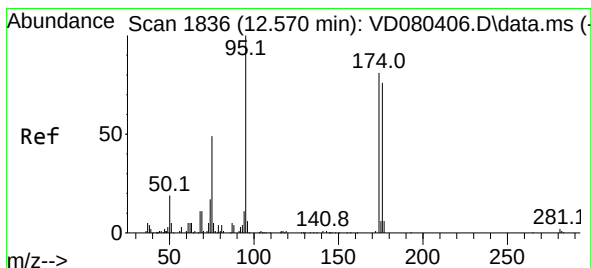
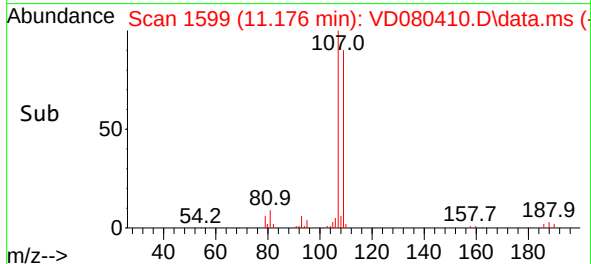
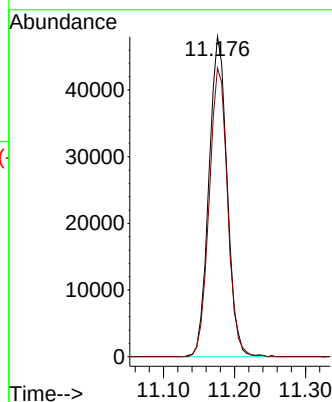
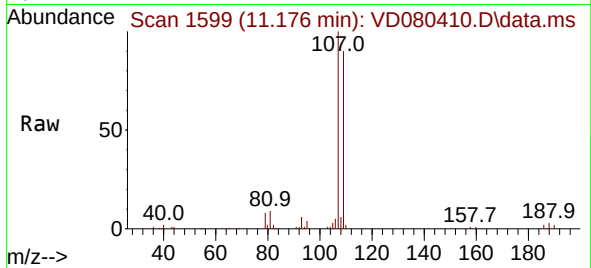




#61
1,2-Dibromoethane
Concen: 55.823 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

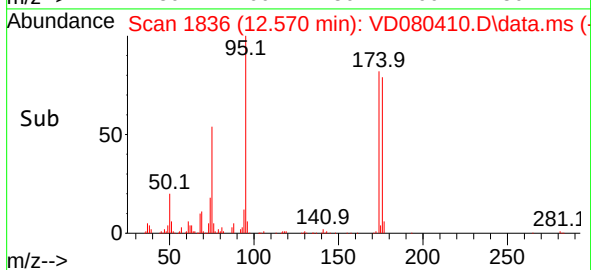
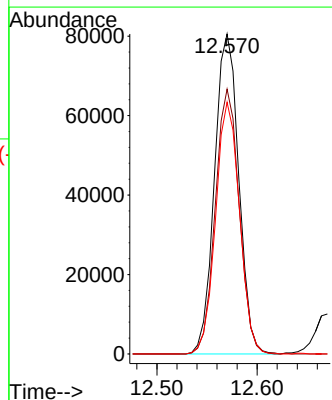
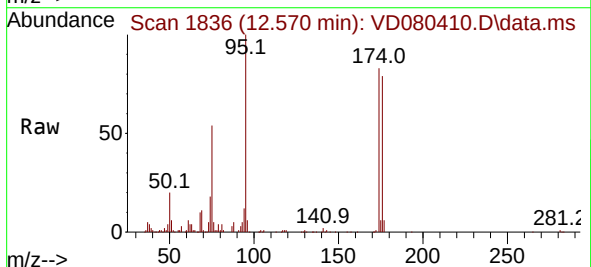
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

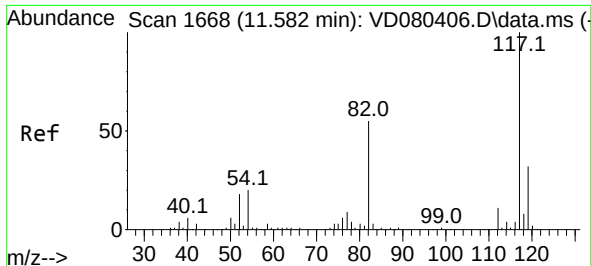
Tgt Ion:107 Resp: 85530
Ion Ratio Lower Upper
107 100
109 91.1 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 53.391 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 95 Resp: 135065
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.4
176 77.7 0.0 155.8

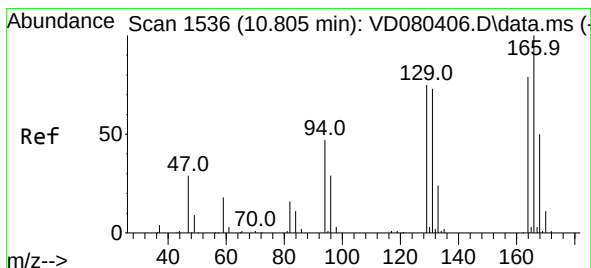
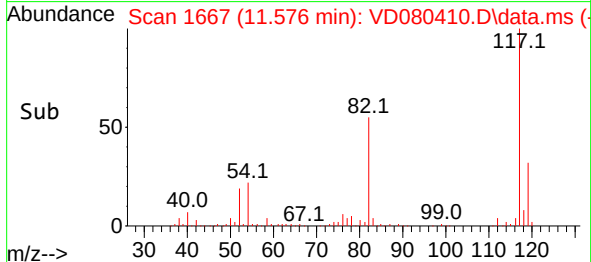
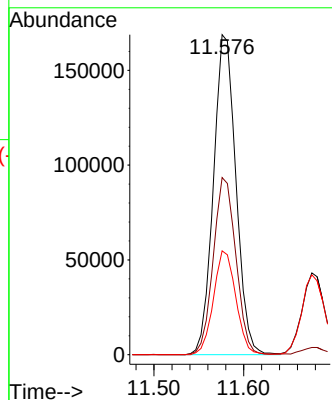
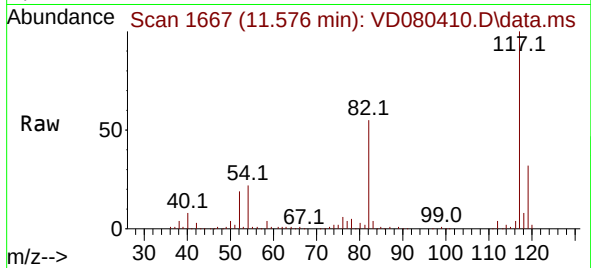




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.576 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

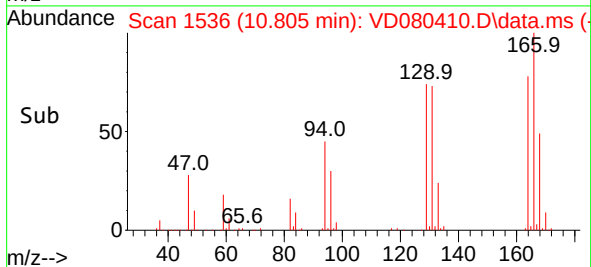
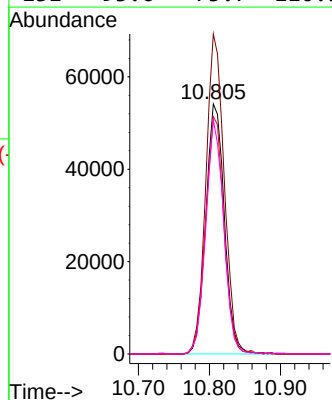
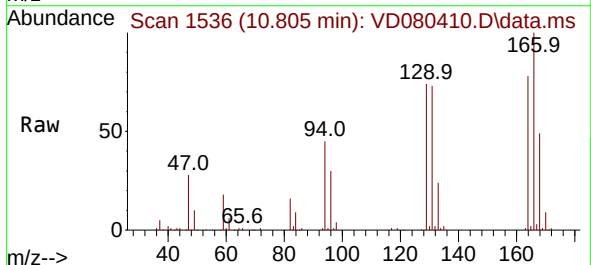
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

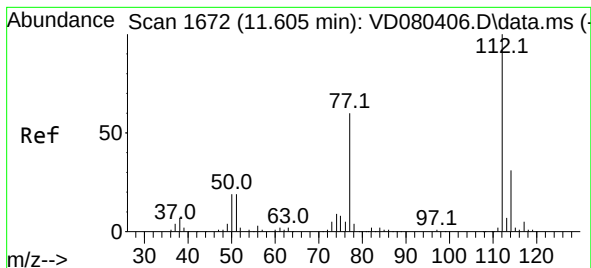
Tgt Ion:117 Resp: 293956
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 32.4 25.3 37.9



#64
Tetrachloroethene
Concen: 49.877 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion:164 Resp: 98442
Ion Ratio Lower Upper
164 100
166 128.0 101.7 152.5
129 94.9 76.6 114.8
131 93.6 73.7 110.5





#65

Chlorobenzene

Concen: 50.771 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

Instrument :

MSVOA_D

ClientSampleId :

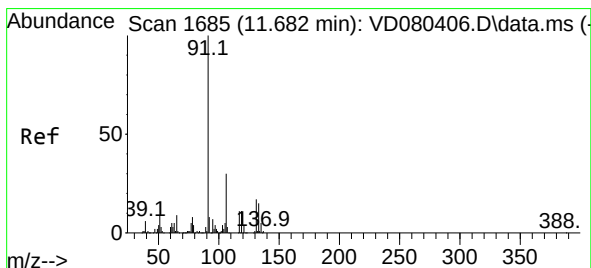
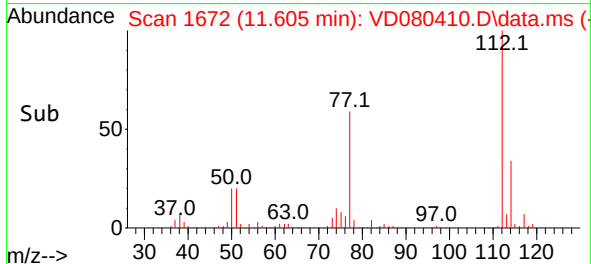
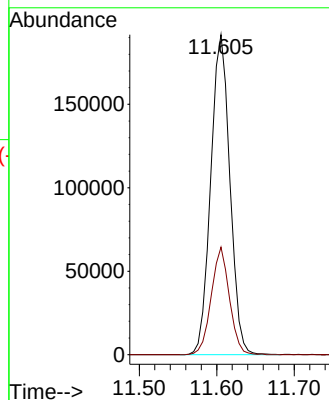
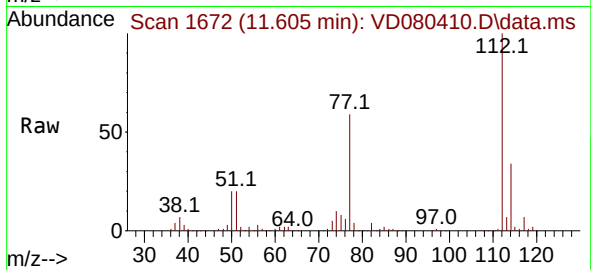
ICVVD060425

Tgt Ion:112 Resp: 330112

Ion Ratio Lower Upper

112 100

114 33.6 24.8 37.2



#66

1,1,1,2-Tetrachloroethane

Concen: 50.092 ug/l

RT: 11.676 min Scan# 1684

Delta R.T. -0.006 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

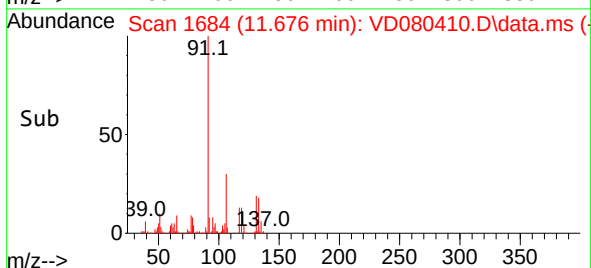
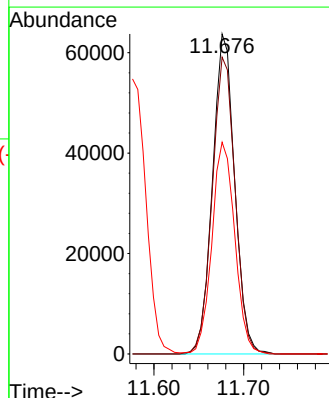
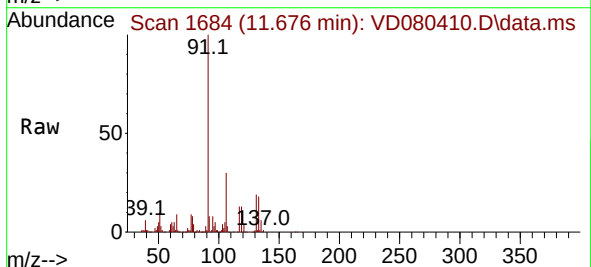
Tgt Ion:131 Resp: 109348

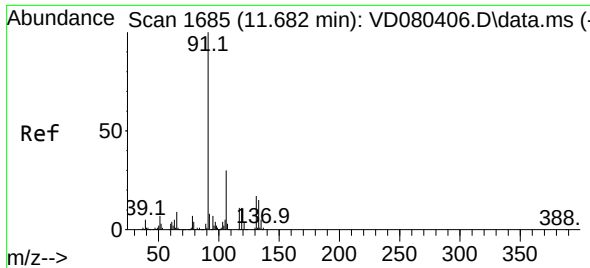
Ion Ratio Lower Upper

131 100

133 95.6 45.9 137.6

119 68.4 33.1 99.5

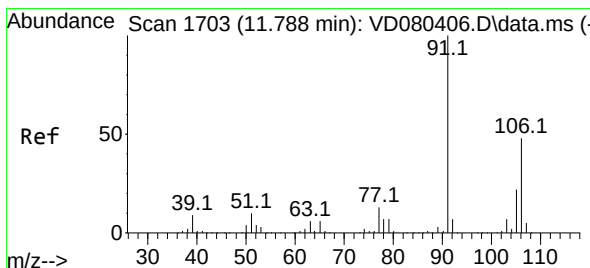
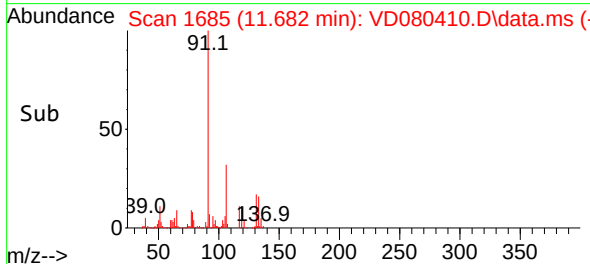
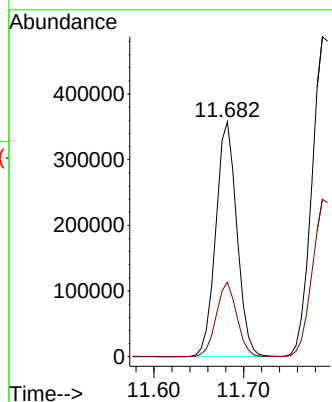
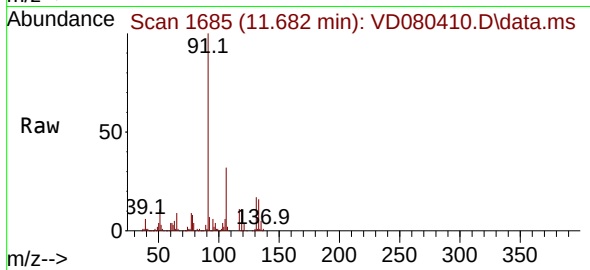




#67
Ethyl Benzene
Concen: 52.057 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

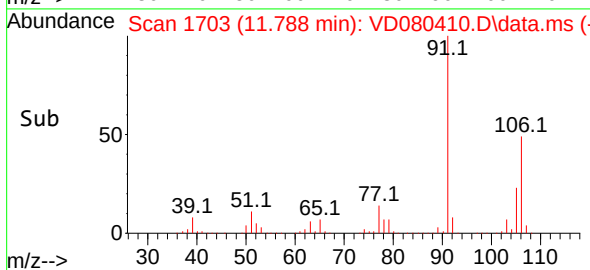
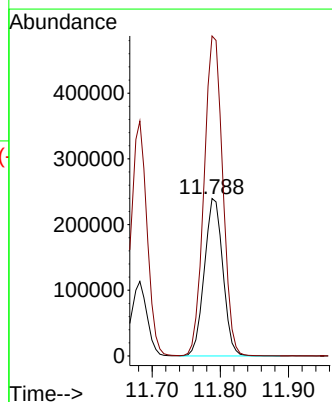
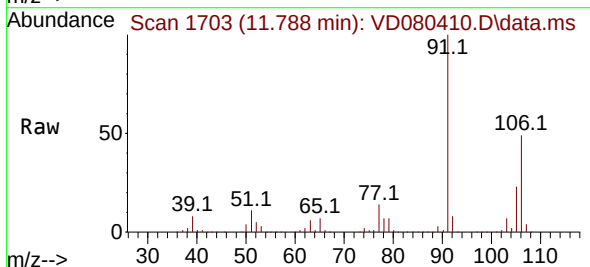
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

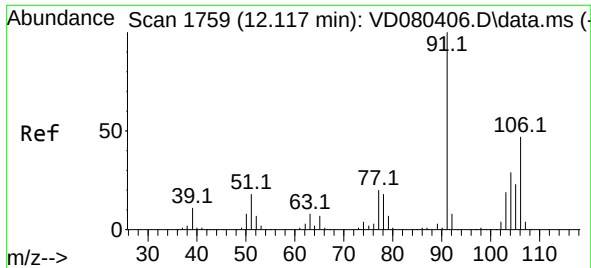
Tgt Ion: 91 Resp: 582457
Ion Ratio Lower Upper
91 100
106 31.8 24.4 36.6



#68
m/p-Xylenes
Concen: 106.383 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 106 Resp: 451701
Ion Ratio Lower Upper
106 100
91 205.1 163.6 245.4

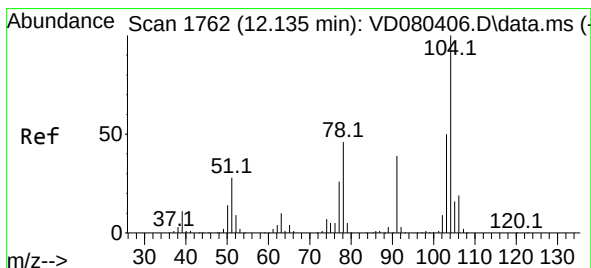
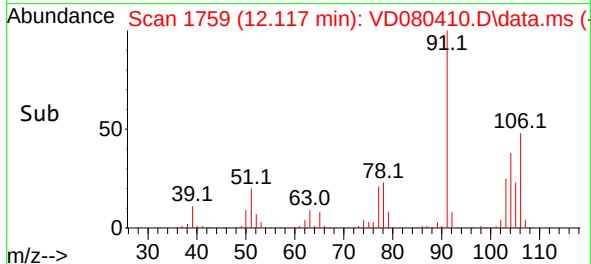
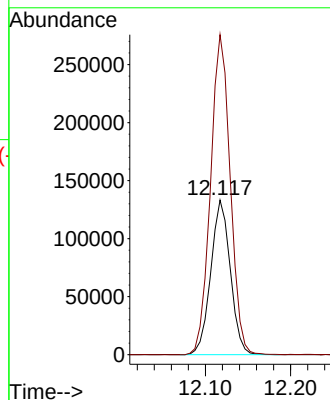
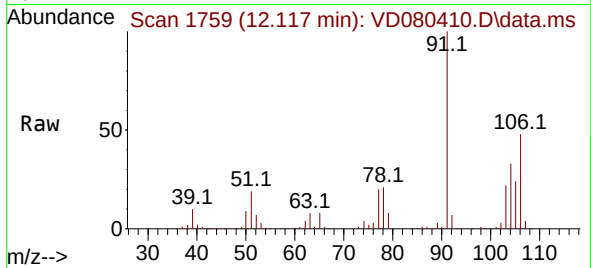




#69
o-Xylene
Concen: 53.842 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

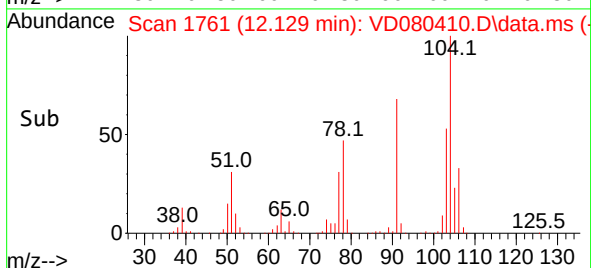
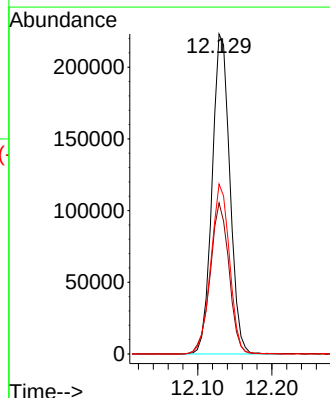
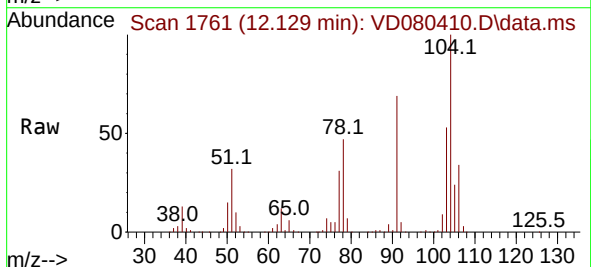
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

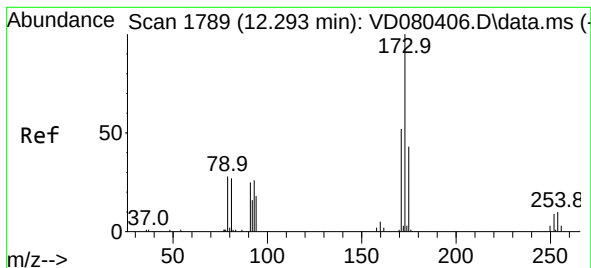
Tgt Ion:106 Resp: 212129
Ion Ratio Lower Upper
106 100
91 209.1 108.2 324.6



#70
Styrene
Concen: 53.287 ug/l
RT: 12.129 min Scan# 1761
Delta R.T. -0.006 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion:104 Resp: 370548
Ion Ratio Lower Upper
104 100
78 50.1 39.9 59.9
103 56.0 45.0 67.4





#71

Bromoform

Concen: 51.759 ug/l

RT: 12.294 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060425

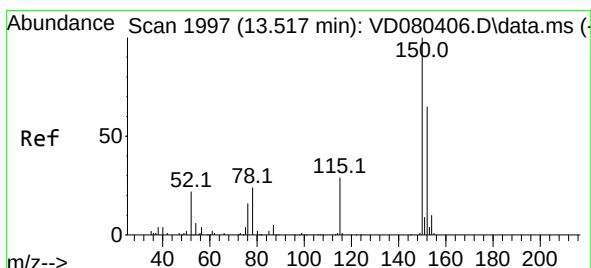
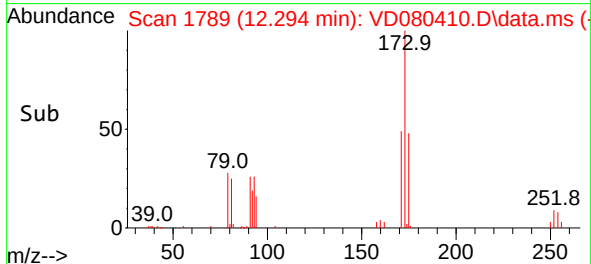
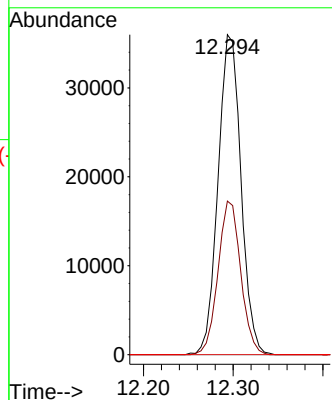
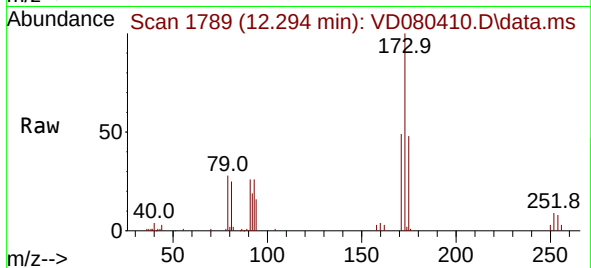
Tgt Ion:173 Resp: 63873

Ion Ratio Lower Upper

173 100

175 47.5 23.4 70.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.511 min Scan# 1996

Delta R.T. -0.006 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

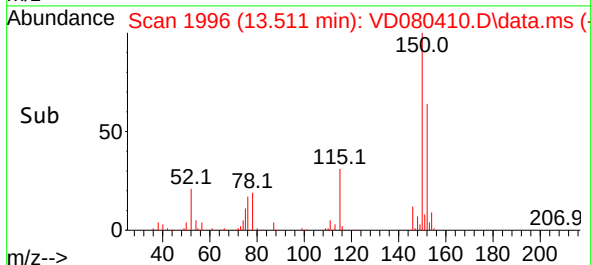
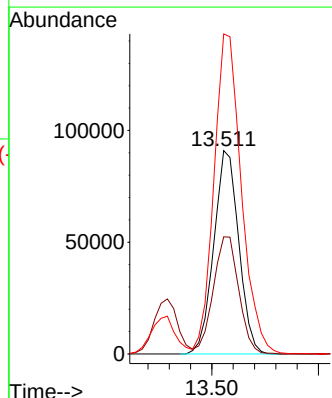
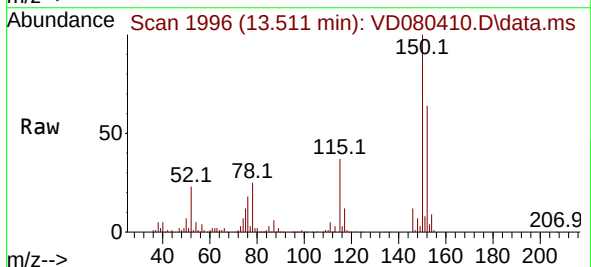
Tgt Ion:152 Resp: 147809

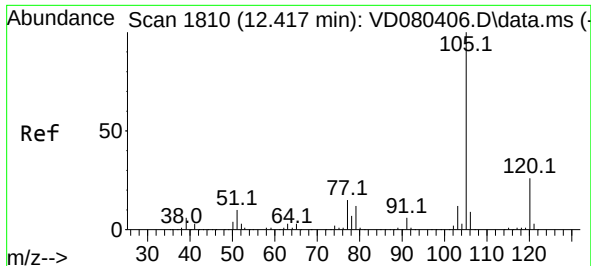
Ion Ratio Lower Upper

152 100

115 59.1 30.1 90.5

150 173.0 0.0 354.2

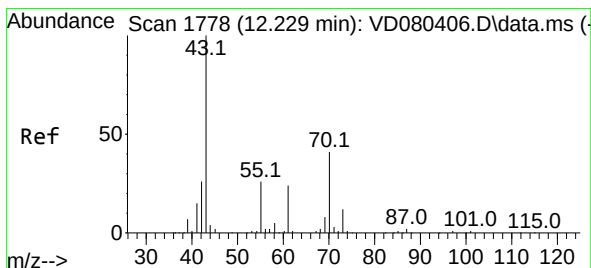
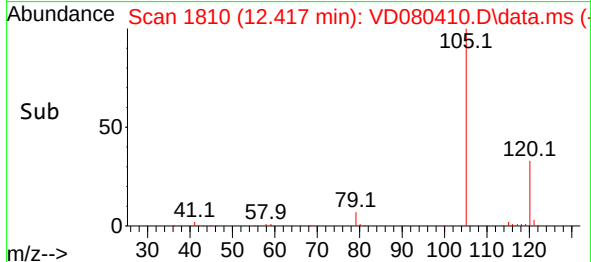
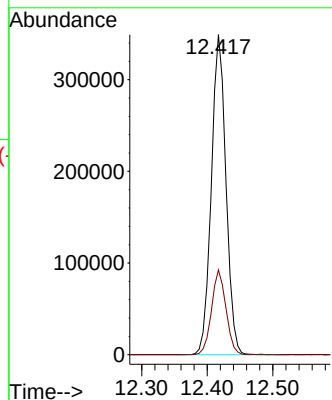
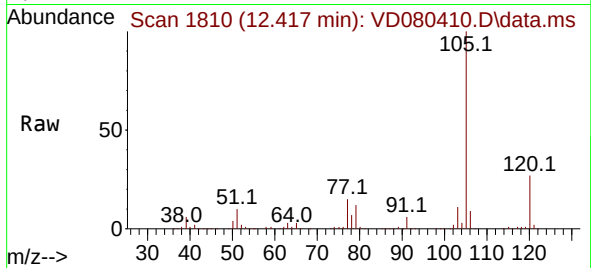




#73
Isopropylbenzene
Concen: 53.804 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

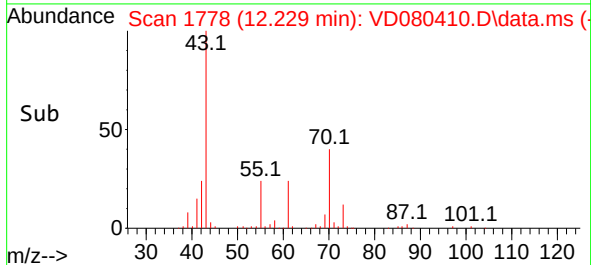
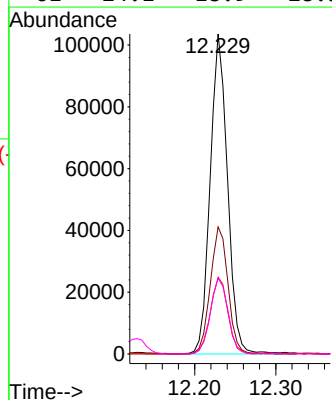
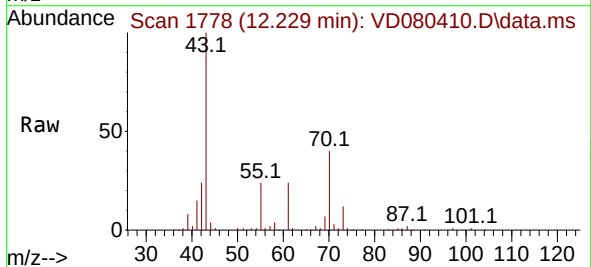
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

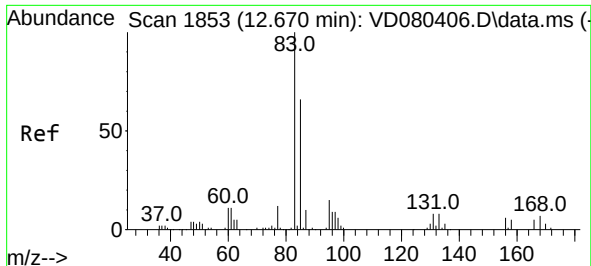
Tgt Ion:105 Resp: 539829
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.7



#74
N-ethyl acetate
Concen: 54.739 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 43 Resp: 153341
Ion Ratio Lower Upper
43 100
70 40.5 32.6 48.8
55 24.6 20.0 30.0
61 24.1 18.9 28.3

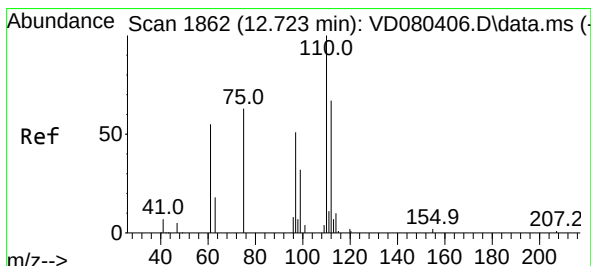
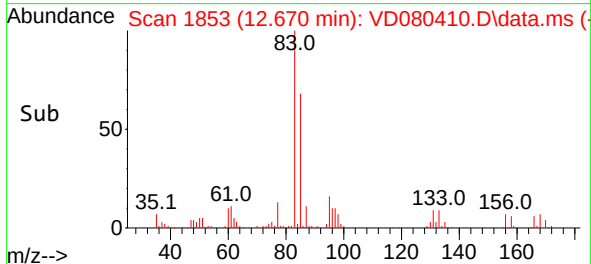
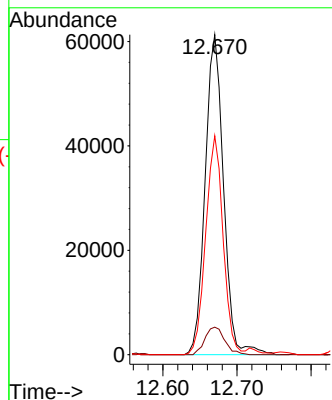
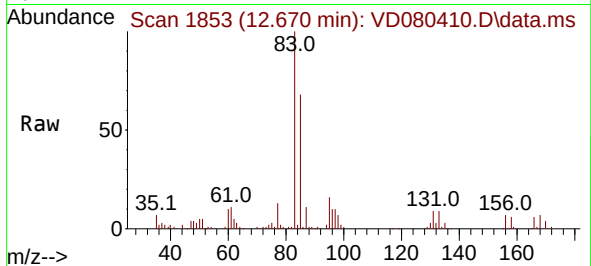




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.942 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VD080410.D
 Acq: 04 Jun 2025 15:13

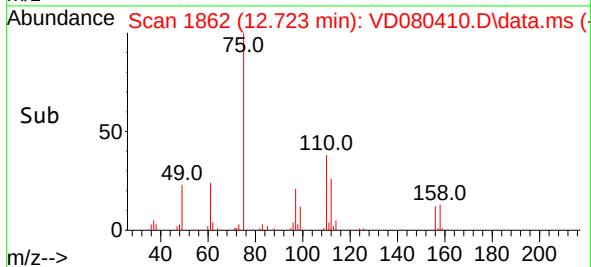
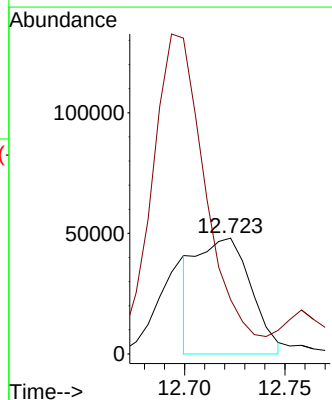
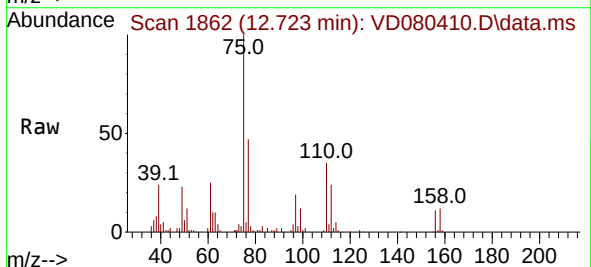
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060425

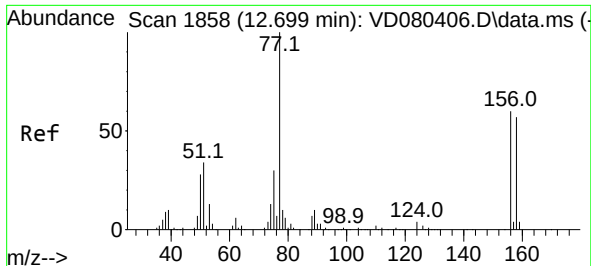
Tgt Ion: 83 Resp: 105719
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.6 13.8
 85 64.9 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 53.910 ug/l m
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VD080410.D
 Acq: 04 Jun 2025 15:13

Tgt Ion: 75 Resp: 90361
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

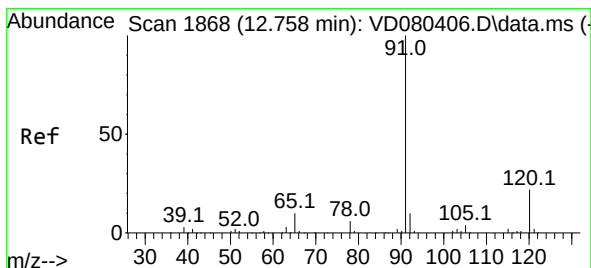
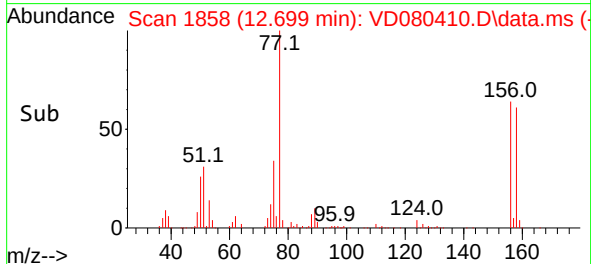
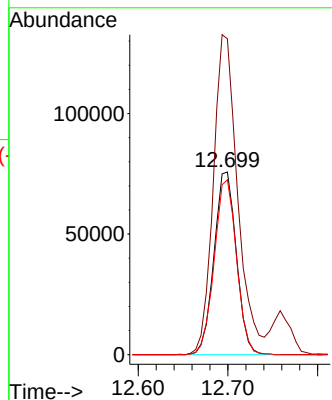
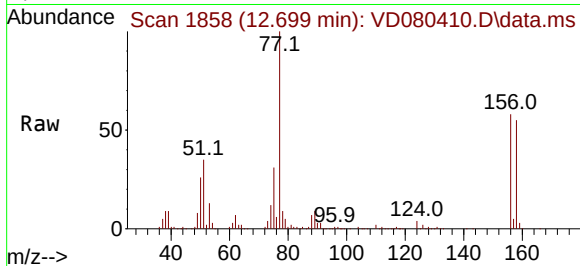




#77
Bromobenzene
Concen: 52.644 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

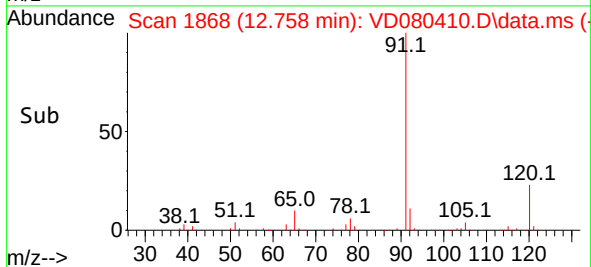
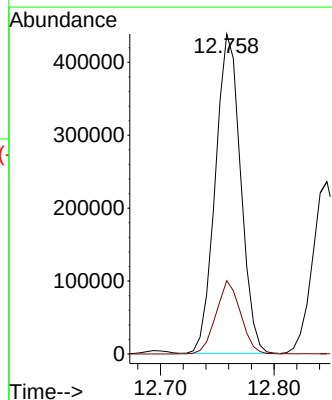
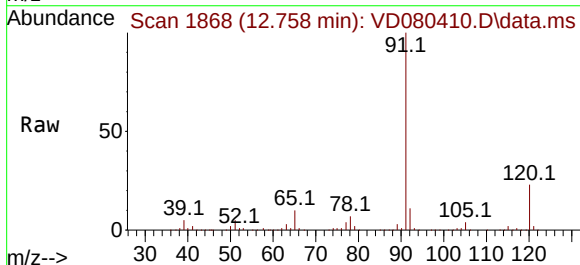
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

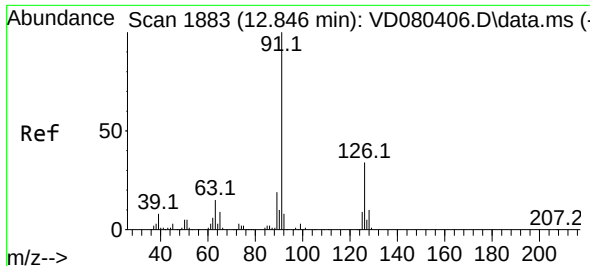
Tgt Ion:156 Resp: 130973
Ion Ratio Lower Upper
156 100
77 191.0 95.3 286.1
158 95.7 48.0 144.0



#78
n-propylbenzene
Concen: 52.075 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 91 Resp: 678514
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.5

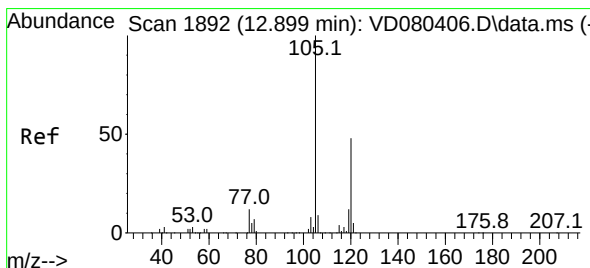
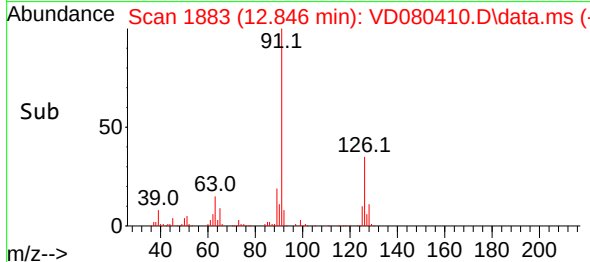
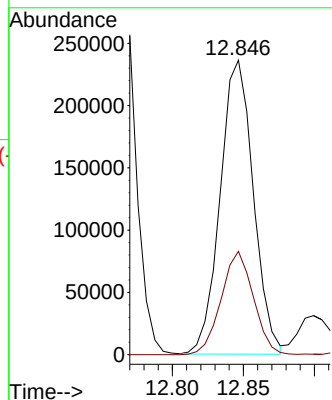
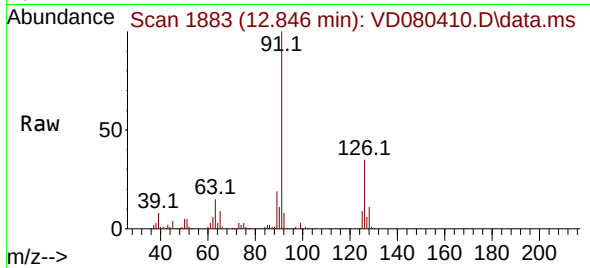




#79
2-Chlorotoluene
Concen: 51.436 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

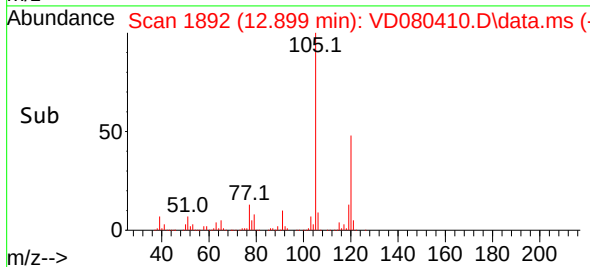
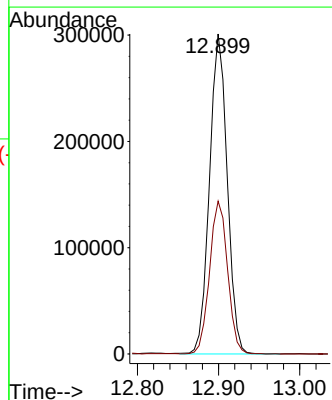
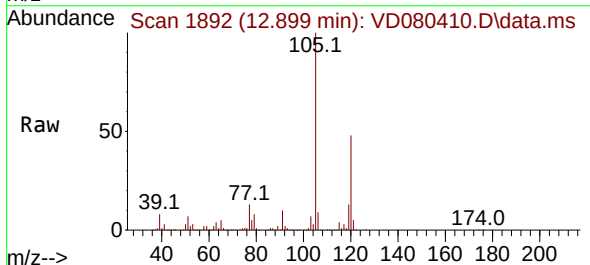
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

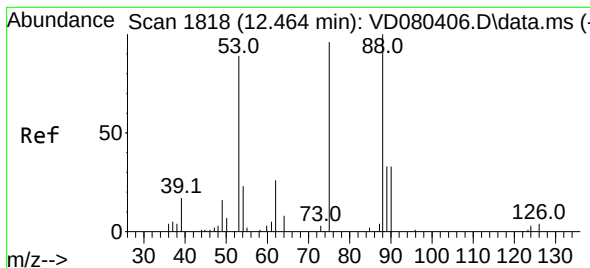
Tgt Ion: 91 Resp: 383161
Ion Ratio Lower Upper
91 100
126 34.2 16.5 49.5



#80
1,3,5-Trimethylbenzene
Concen: 53.060 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 105 Resp: 455724
Ion Ratio Lower Upper
105 100
120 48.6 23.8 71.4

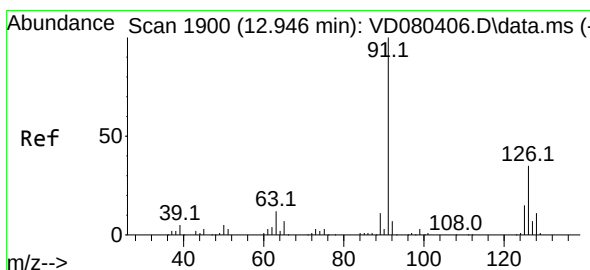
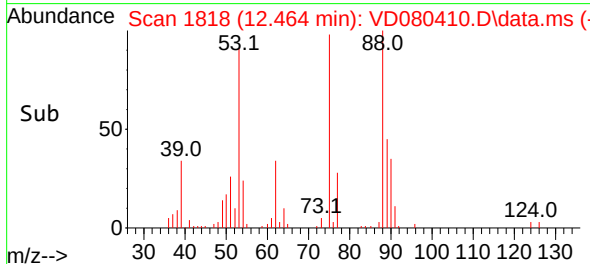
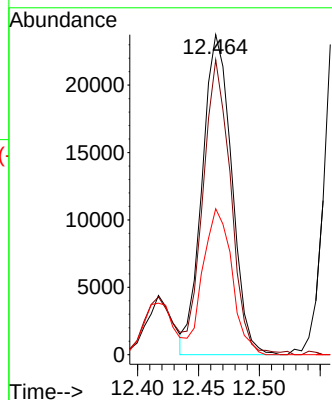
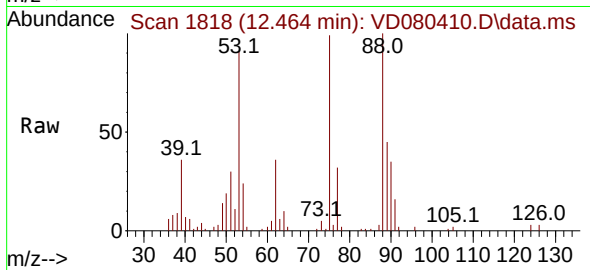




#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.546 ug/l
 RT: 12.464 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: VD080410.D
 Acq: 04 Jun 2025 15:13

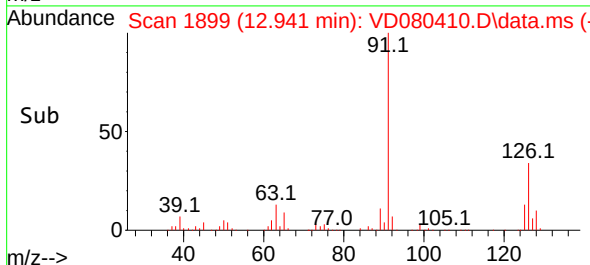
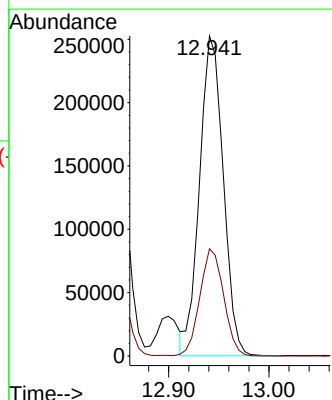
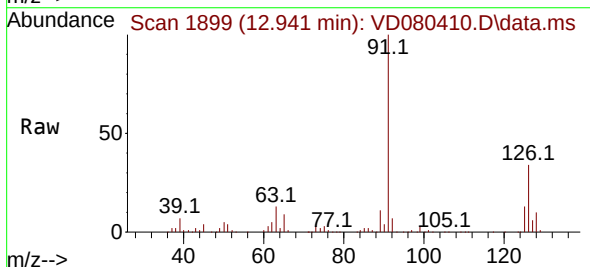
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060425

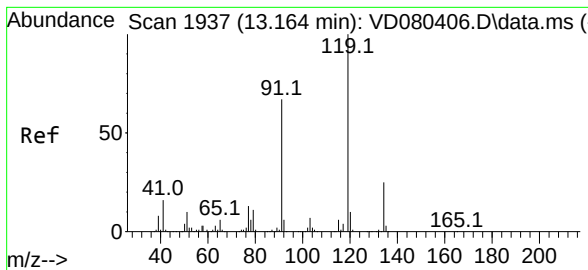
Tgt Ion: 75 Resp: 40068
 Ion Ratio Lower Upper
 75 100
 53 86.9 69.9 104.9
 89 44.4 34.1 51.1



#82
 4-Chlorotoluene
 Concen: 52.434 ug/l
 RT: 12.941 min Scan# 1899
 Delta R.T. -0.006 min
 Lab File: VD080410.D
 Acq: 04 Jun 2025 15:13

Tgt Ion: 91 Resp: 415823
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.5 49.5

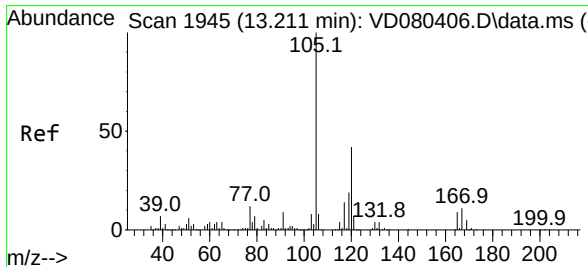
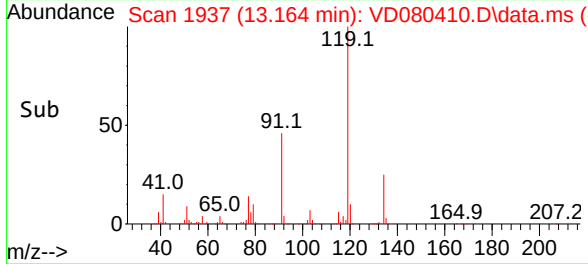
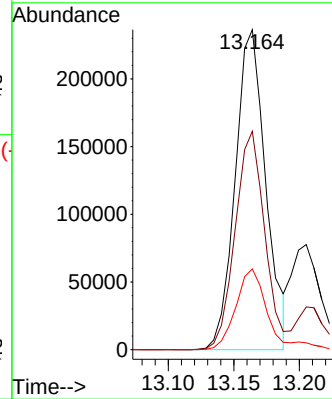
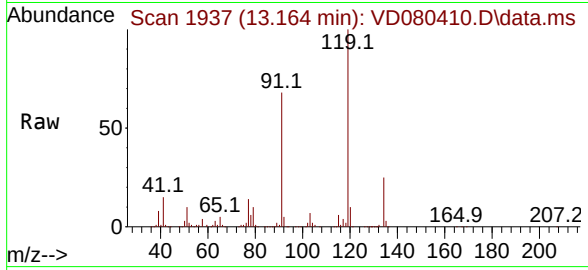




#83
 tert-Butylbenzene
 Concen: 53.565 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. 0.000 min
 Lab File: VD080410.D
 Acq: 04 Jun 2025 15:13

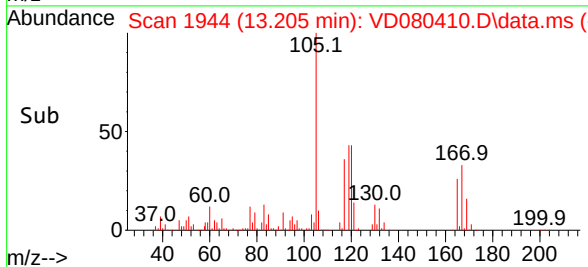
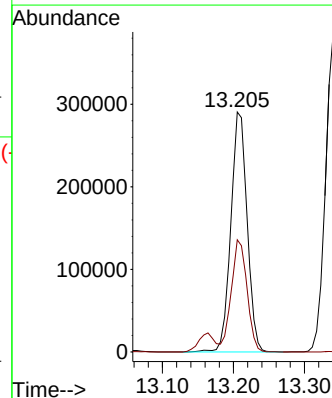
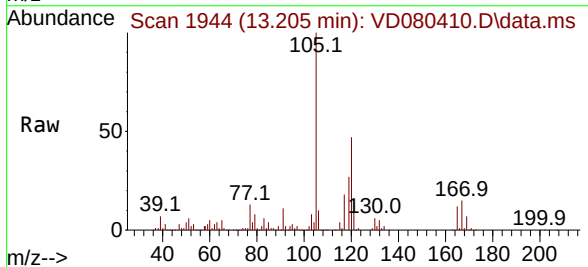
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060425

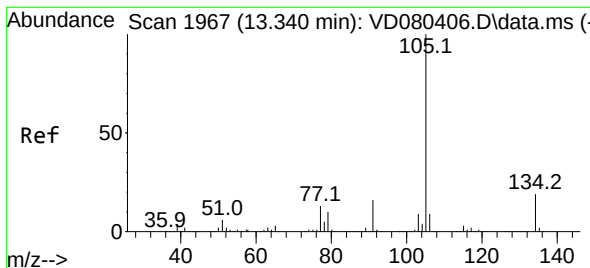
Tgt Ion:119 Resp: 382942
 Ion Ratio Lower Upper
 119 100
 91 65.8 34.2 102.5
 134 26.4 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 53.369 ug/l
 RT: 13.205 min Scan# 1944
 Delta R.T. -0.006 min
 Lab File: VD080410.D
 Acq: 04 Jun 2025 15:13

Tgt Ion:105 Resp: 462654
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.1 66.5





#85

sec-Butylbenzene

Concen: 53.312 ug/l

RT: 13.341 min Scan# 1967

Delta R.T. 0.000 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

Instrument :

MSVOA_D

ClientSampleId :

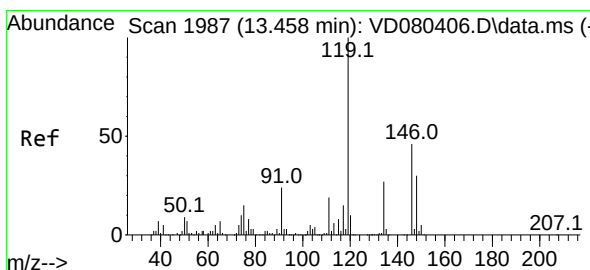
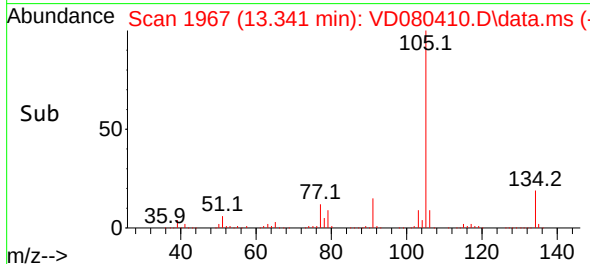
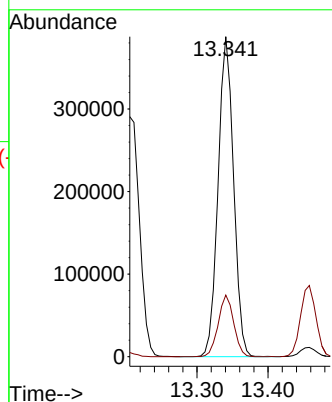
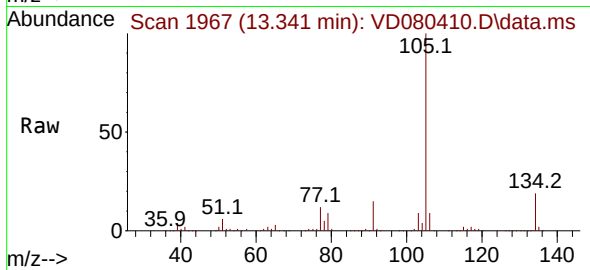
ICVVD060425

Tgt Ion:105 Resp: 584663

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.5



#86

p-Isopropyltoluene

Concen: 53.264 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

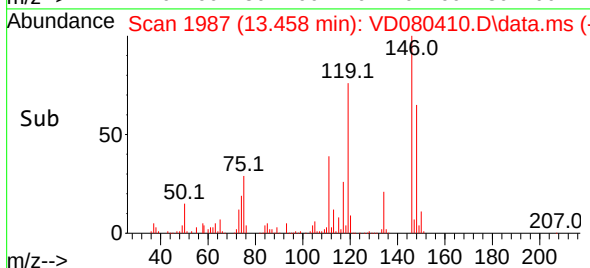
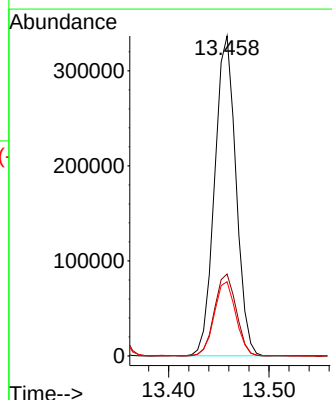
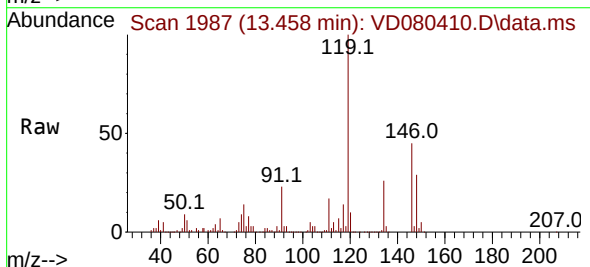
Tgt Ion:119 Resp: 495331

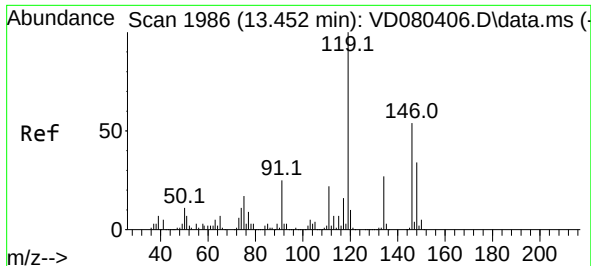
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.9

91 23.5 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 51.274 ug/l

RT: 13.452 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060425

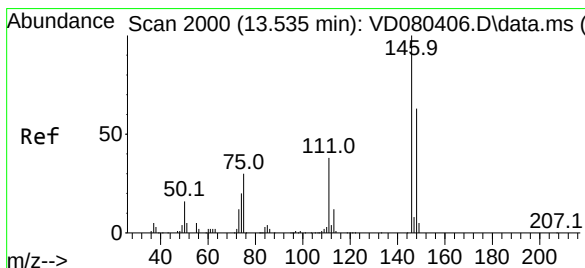
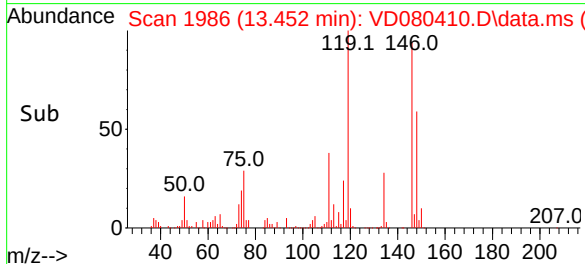
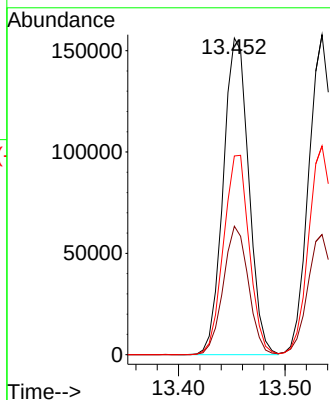
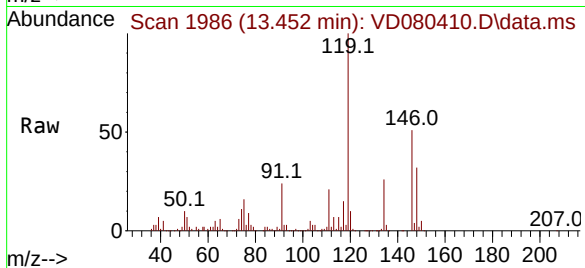
Tgt Ion:146 Resp: 259772

Ion Ratio Lower Upper

146 100

111 40.0 20.3 60.8

148 63.5 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 49.217 ug/l

RT: 13.535 min Scan# 2000

Delta R.T. 0.000 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

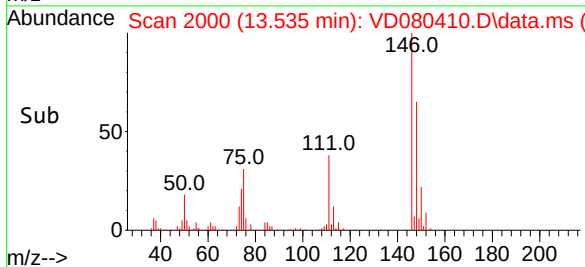
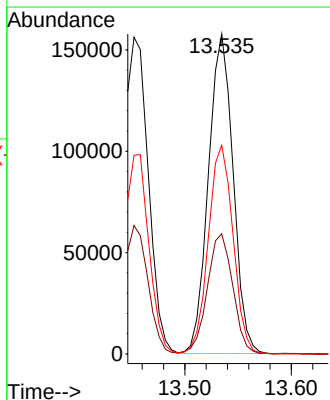
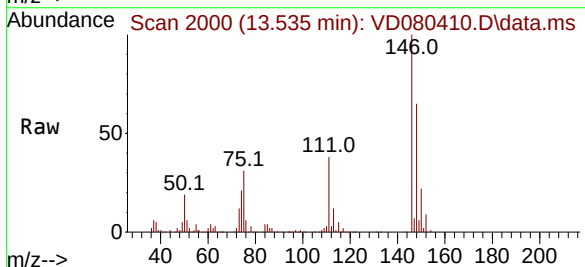
Tgt Ion:146 Resp: 253991

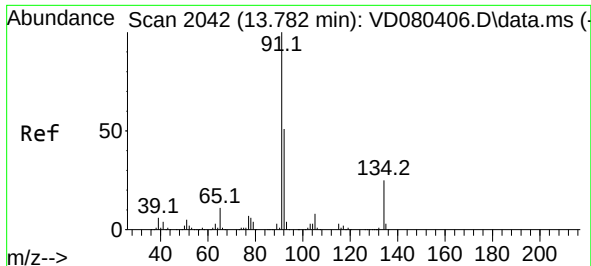
Ion Ratio Lower Upper

146 100

111 38.7 19.0 57.0

148 65.5 31.2 93.6

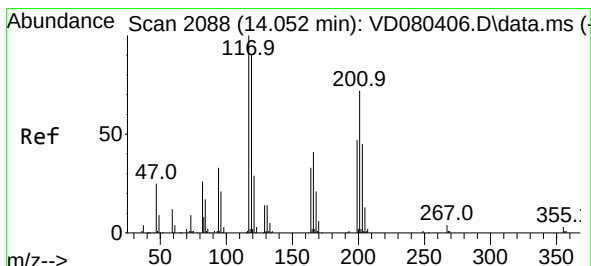
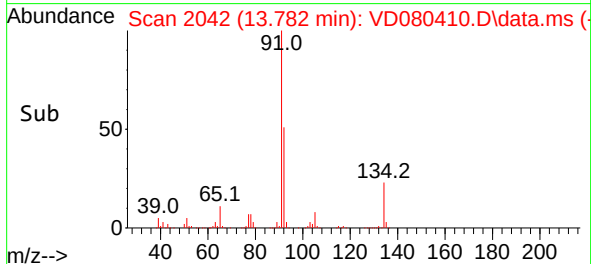
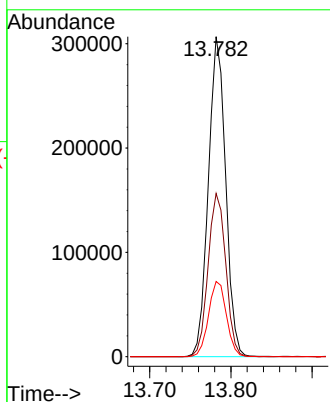
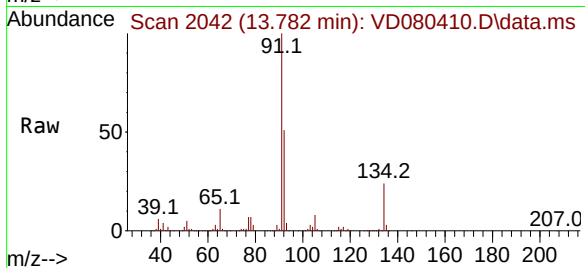




#89
n-Butylbenzene
Concen: 49.357 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

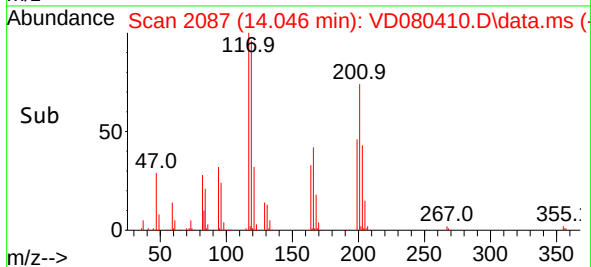
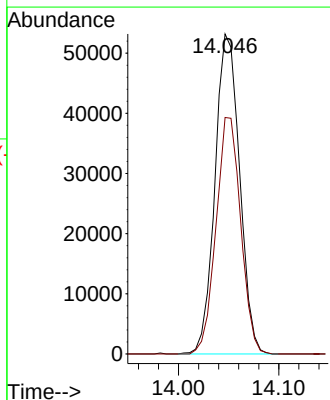
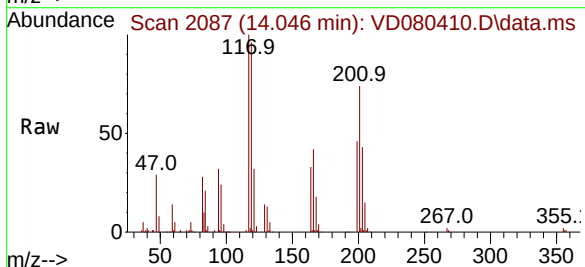
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

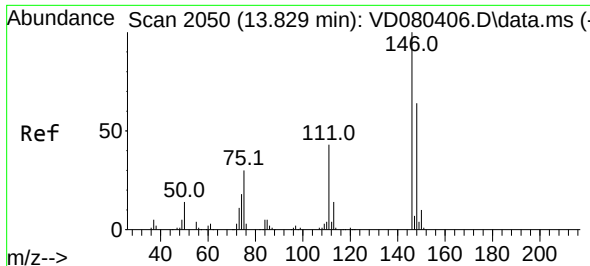
Tgt Ion: 91 Resp: 452912
Ion Ratio Lower Upper
91 100
92 52.2 26.5 79.5
134 24.3 12.3 36.8



#90
Hexachloroethane
Concen: 46.388 ug/l
RT: 14.046 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 117 Resp: 90736
Ion Ratio Lower Upper
117 100
201 74.0 36.6 109.8

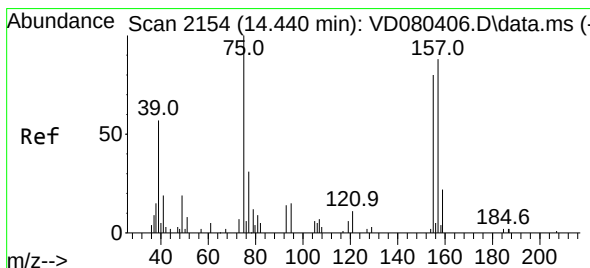
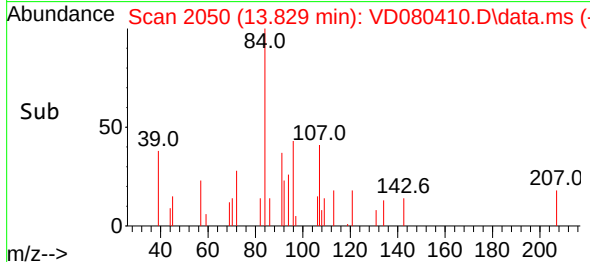
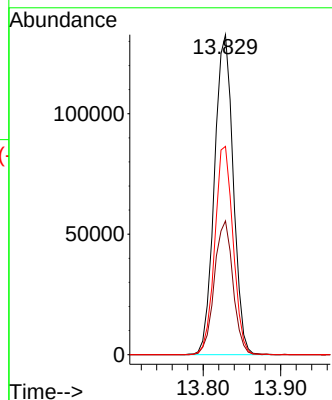
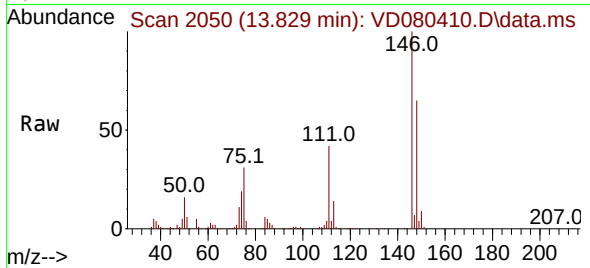




#91
1,2-Dichlorobenzene
Concen: 50.036 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

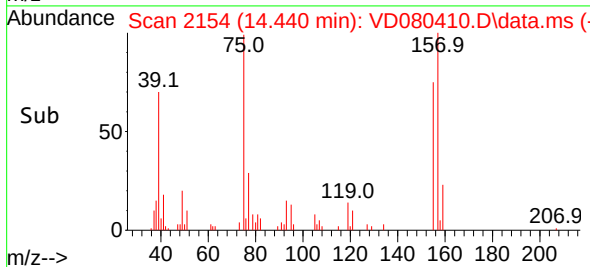
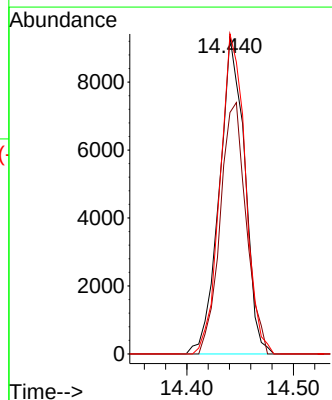
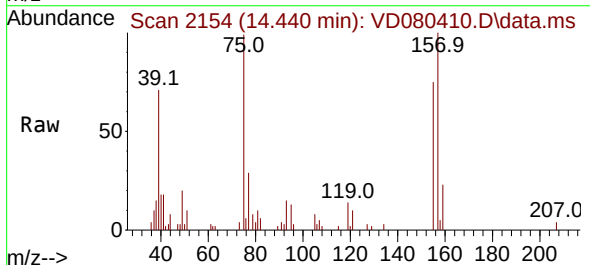
Instrument :
MSVOA_D
ClientSampleId :
ICVVD060425

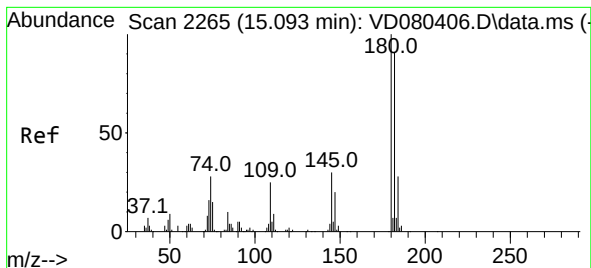
Tgt Ion:146 Resp: 223420
Ion Ratio Lower Upper
146 100
111 41.4 21.1 63.3
148 63.5 32.6 97.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.869 ug/l
RT: 14.440 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VD080410.D
Acq: 04 Jun 2025 15:13

Tgt Ion: 75 Resp: 15417
Ion Ratio Lower Upper
75 100
155 80.8 37.6 112.9
157 100.3 49.5 148.5





#93

1,2,4-Trichlorobenzene

Concen: 48.675 ug/l

RT: 15.093 min Scan# 2265

Delta R.T. 0.000 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060425

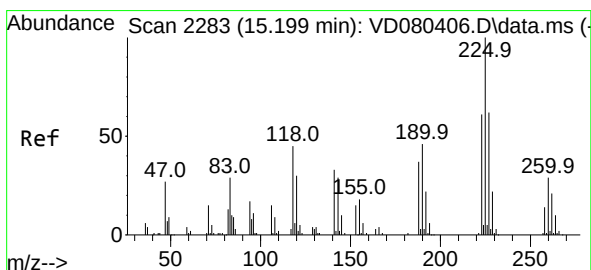
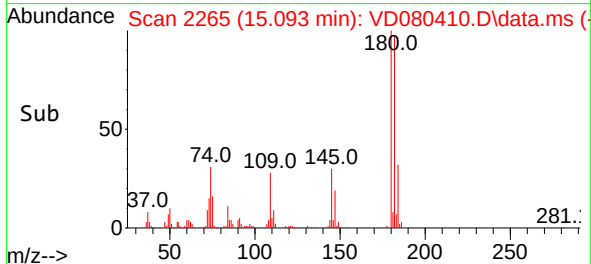
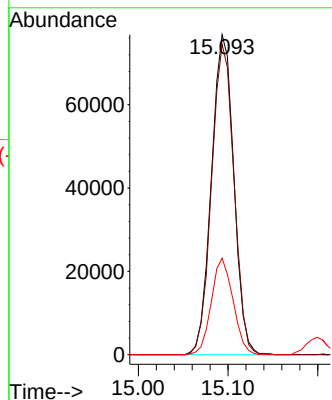
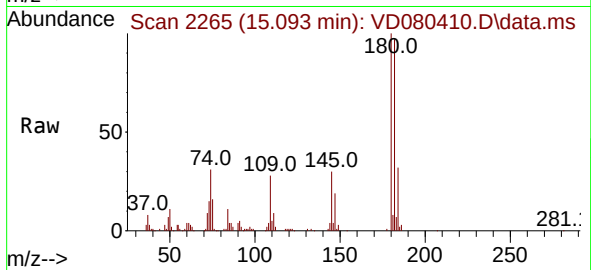
Tgt Ion:180 Resp: 132872

Ion Ratio Lower Upper

180 100

182 97.0 47.6 142.8

145 29.2 15.0 45.1



#94

Hexachlorobutadiene

Concen: 49.057 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. 0.000 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

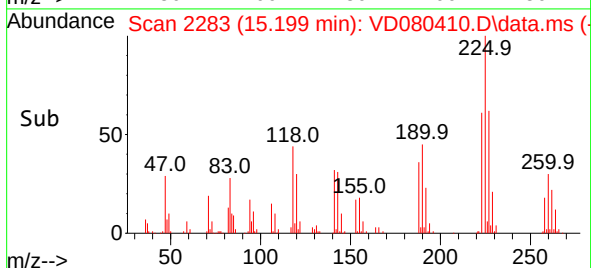
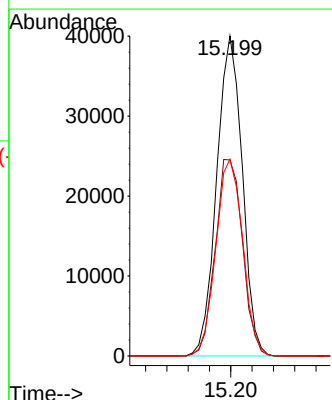
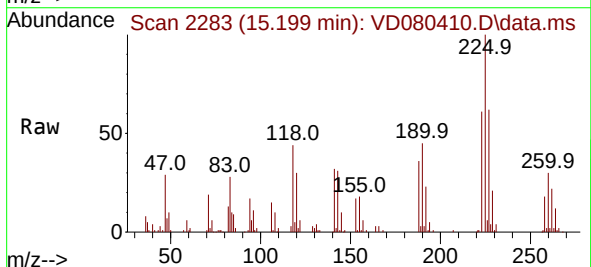
Tgt Ion:225 Resp: 66719

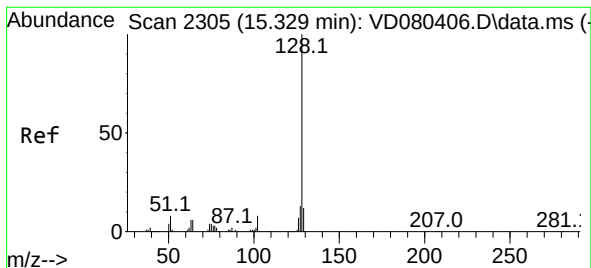
Ion Ratio Lower Upper

225 100

223 65.3 31.6 95.0

227 64.4 31.1 93.2





#95

Naphthalene

Concen: 50.448 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

Instrument :

MSVOA_D

ClientSampleId :

ICVVD060425

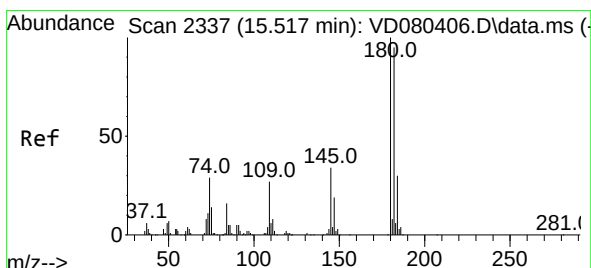
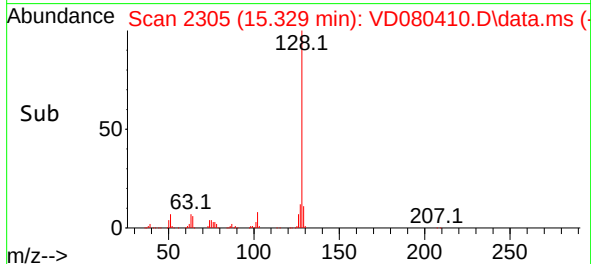
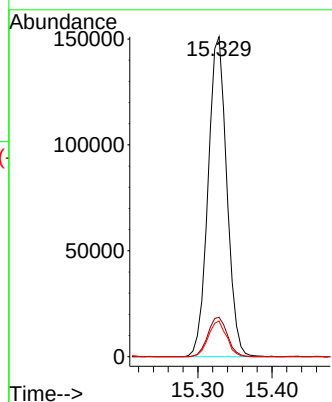
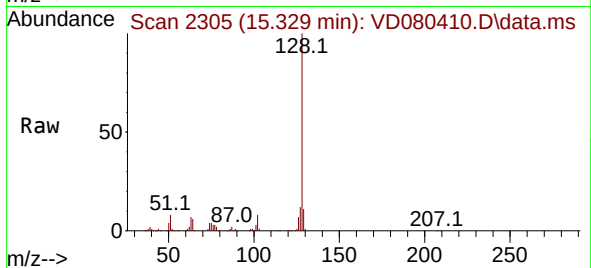
Tgt Ion:128 Resp: 265049

Ion Ratio Lower Upper

128 100

127 12.3 10.8 16.2

129 11.2 9.4 14.2



#96

1,2,3-Trichlorobenzene

Concen: 51.263 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080410.D

Acq: 04 Jun 2025 15:13

Tgt Ion:180 Resp: 125296

Ion Ratio Lower Upper

180 100

182 93.8 47.3 142.0

145 31.5 16.5 49.5

