

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060425\
 Data File : VD080406.D
 Acq On : 04 Jun 2025 09:55
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 05 01:59:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060425S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 05 01:47:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	173831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	291792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	263155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	132729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	98365	46.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.280%
35) Dibromofluoromethane	7.805	113	89418	49.035	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.060%
50) Toluene-d8	10.270	98	372891	52.338	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.680%
62) 4-Bromofluorobenzene	12.570	95	118586	53.003	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	79040	41.777	ug/l	100
3) Chloromethane	2.153	50	146393	43.838	ug/l	100
4) Vinyl Chloride	2.288	62	169341	45.192	ug/l	100
5) Bromomethane	2.700	94	101342	43.059	ug/l	100
6) Chloroethane	2.841	64	107527	44.343	ug/l	100
7) Trichlorofluoromethane	3.182	101	154260	45.570	ug/l	100
8) Diethyl Ether	3.594	74	48418	43.258	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.970	101	90651	45.030	ug/l	100
10) Methyl Iodide	4.170	142	103706	50.604	ug/l	100
11) Tert butyl alcohol	5.059	59	27220	206.433	ug/l	100
12) 1,1-Dichloroethene	3.941	96	94475	45.839	ug/l	100
13) Acrolein	3.800	56	43154	214.571	ug/l	100
14) Allyl chloride	4.564	41	161076	46.332	ug/l	100
15) Acrylonitrile	5.253	53	117639	229.816	ug/l	100
16) Acetone	4.023	43	93164	216.250	ug/l	100
17) Carbon Disulfide	4.276	76	328962	45.855	ug/l	100
18) Methyl Acetate	4.564	43	64041	45.197	ug/l	100
19) Methyl tert-butyl Ether	5.323	73	220198	47.767	ug/l	100
20) Methylene Chloride	4.806	84	111520	44.340	ug/l	100
21) trans-1,2-Dichloroethene	5.311	96	106188	47.724	ug/l	100
22) Diisopropyl ether	6.217	45	337538	49.105	ug/l	100
23) Vinyl Acetate	6.158	43	960724	241.587	ug/l	100
24) 1,1-Dichloroethane	6.111	63	191131	45.978	ug/l	100
25) 2-Butanone	7.088	43	140794	223.195	ug/l	100
26) 2,2-Dichloropropane	7.076	77	154560	46.691	ug/l	100
27) cis-1,2-Dichloroethene	7.082	96	119031	47.499	ug/l	100
28) Bromochloromethane	7.429	49	84837	46.122	ug/l	100
29) Tetrahydrofuran	7.441	42	94241	232.214	ug/l	100
30) Chloroform	7.600	83	189979	47.081	ug/l	100
31) Cyclohexane	7.876	56	173085	46.022	ug/l	100
32) 1,1,1-Trichloroethane	7.794	97	158579	46.994	ug/l	100
36) 1,1-Dichloropropene	8.011	75	136051	47.603	ug/l	100
37) Ethyl Acetate	7.170	43	65260	46.600	ug/l	100
38) Carbon Tetrachloride	7.994	117	136389	47.211	ug/l	100
39) Methylcyclohexane	9.276	83	166465	49.171	ug/l	100
40) Benzene	8.252	78	426573	47.935	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	32044	37.149	ug/l #	78
42) 1,2-Dichloroethane	8.329	62	113696	46.929	ug/l	100
43) Isopropyl Acetate	8.358	43	124468	46.747	ug/l	100
44) Trichloroethene	9.029	130	98173	47.629	ug/l	100
45) 1,2-Dichloropropane	9.305	63	104369	47.626	ug/l	100
46) Dibromomethane	9.394	93	56372	48.318	ug/l	100
47) Bromodichloromethane	9.582	83	142576	48.118	ug/l	100
48) Methyl methacrylate	9.382	41	64915	49.709	ug/l	100
49) 1,4-Dioxane	9.382	88	11933	916.897	ug/l	100
51) 4-Methyl-2-Pentanone	10.158	43	335806	246.864	ug/l	100
52) Toluene	10.335	92	265581	51.310	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	131921	49.897	ug/l	100
54) cis-1,3-Dichloropropene	10.017	75	156099	48.783	ug/l	100
55) 1,1,2-Trichloroethane	10.729	97	75825	49.914	ug/l	100
56) Ethyl methacrylate	10.594	69	97973	50.738	ug/l	100
57) 1,3-Dichloropropane	10.876	76	126953	48.721	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.870	63	210481	260.104	ug/l	100
59) 2-Hexanone	10.917	43	228647	250.230	ug/l	100
60) Dibromochloromethane	11.070	129	93223	50.055	ug/l	100
61) 1,2-Dibromoethane	11.176	107	67925	50.126	ug/l	100
64) Tetrachloroethene	10.805	164	82725	46.819	ug/l	100
65) Chlorobenzene	11.605	112	275215	47.282	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.682	131	94151	48.179	ug/l	100
67) Ethyl Benzene	11.682	91	491057	49.025	ug/l	100
68) m/p-Xylenes	11.788	106	382777	100.702	ug/l	100
69) o-Xylene	12.117	106	174097	49.361	ug/l	100
70) Styrene	12.135	104	313134	50.301	ug/l	100
71) Bromoform	12.293	173	54013	48.892	ug/l #	100
73) Isopropylbenzene	12.417	105	453685	50.356	ug/l	100
74) N-amyl acetate	12.229	43	121789	48.415	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.670	83	88494	47.486	ug/l	100
76) 1,2,3-Trichloropropane	12.723	75	111808	72.940	ug/l #	100
77) Bromobenzene	12.699	156	108880	48.736	ug/l	100
78) n-propylbenzene	12.758	91	577769	49.381	ug/l	100
79) 2-Chlorotoluene	12.846	91	330212	49.364	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	392774	50.926	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	32928	48.089	ug/l	100
82) 4-Chlorotoluene	12.946	91	350182	49.174	ug/l	100
83) tert-Butylbenzene	13.164	119	318899	49.674	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	396130	50.886	ug/l	100
85) sec-Butylbenzene	13.340	105	503361	51.114	ug/l	100
86) p-Isopropyltoluene	13.458	119	418124	50.070	ug/l	100
87) 1,3-Dichlorobenzene	13.452	146	222987	49.014	ug/l	100
88) 1,4-Dichlorobenzene	13.535	146	221167	47.726	ug/l	100
89) n-Butylbenzene	13.782	91	407636	49.471	ug/l	100
90) Hexachloroethane	14.052	117	82798	47.139	ug/l	100
91) 1,2-Dichlorobenzene	13.829	146	191538	47.770	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.440	75	13538	44.855	ug/l	100
93) 1,2,4-Trichlorobenzene	15.093	180	119888	48.908	ug/l	100
94) Hexachlorobutadiene	15.199	225	62831	51.447	ug/l	100
95) Naphthalene	15.329	128	234205	49.642	ug/l	100
96) 1,2,3-Trichlorobenzene	15.517	180	108384	49.382	ug/l	100

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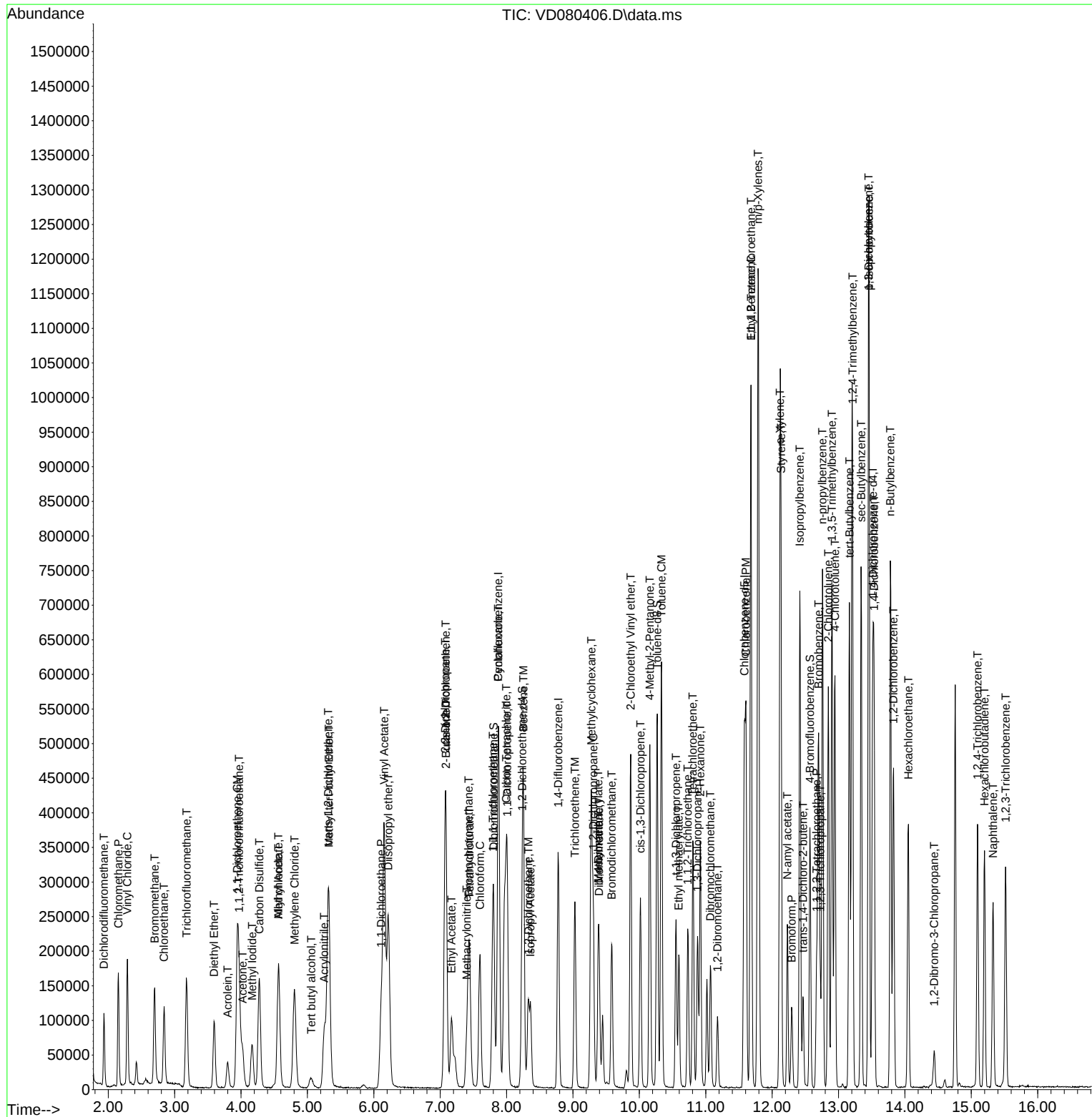
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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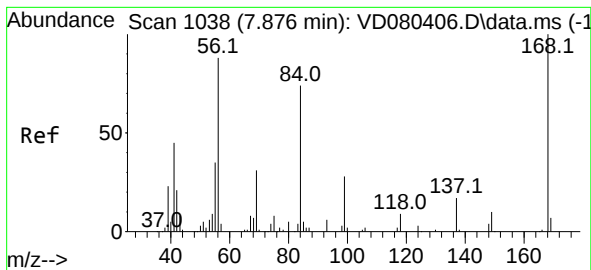
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD080406.D

Acq: 04 Jun 2025 09:55

Instrument :

MSVOA_D

ClientSampleId :

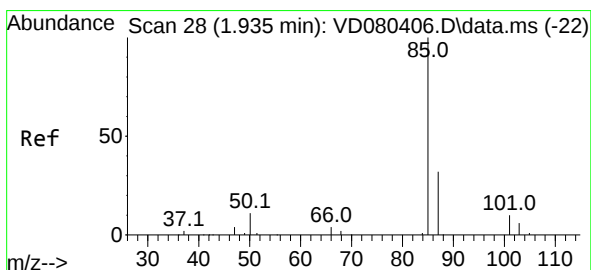
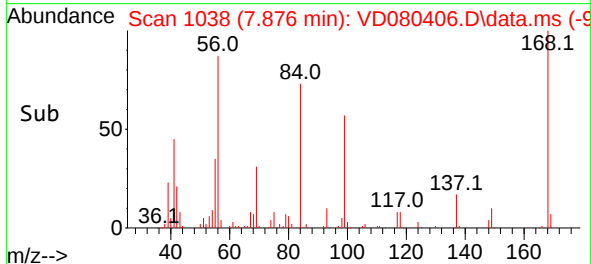
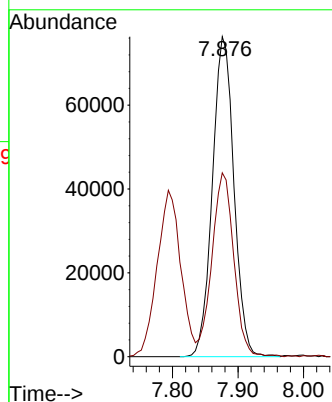
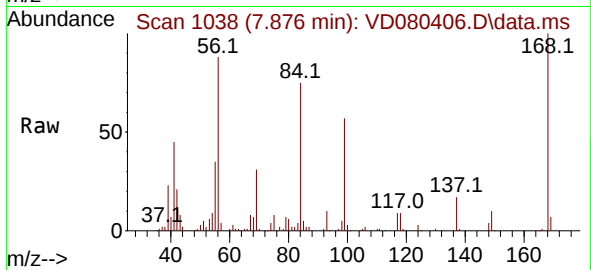
VSTDICCC050

Tgt Ion:168 Resp: 173831

Ion Ratio Lower Upper

168 100

99 57.2 45.8 68.6



#2

Dichlorodifluoromethane

Concen: 41.777 ug/l

RT: 1.935 min Scan# 28

Delta R.T. 0.000 min

Lab File: VD080406.D

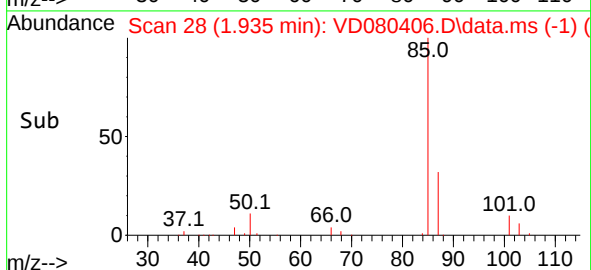
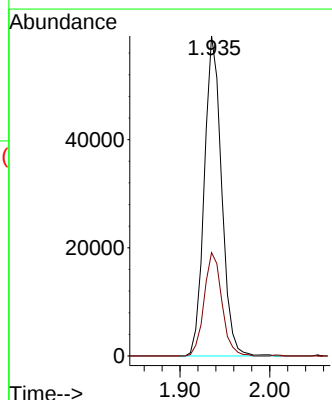
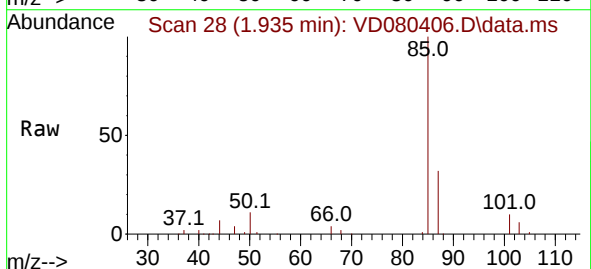
Acq: 04 Jun 2025 09:55

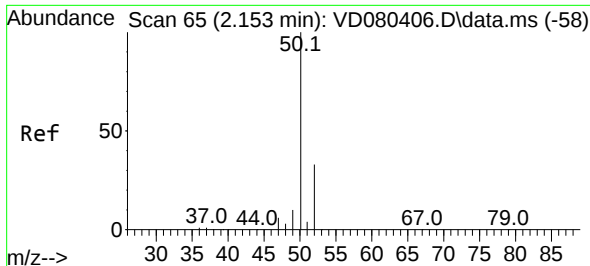
Tgt Ion: 85 Resp: 79040

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5

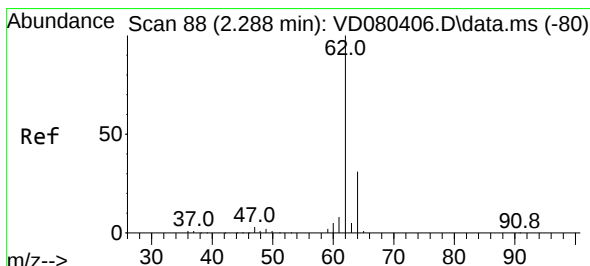
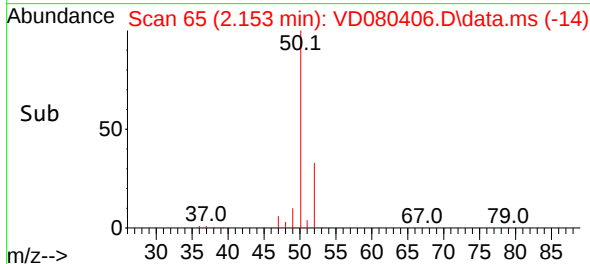
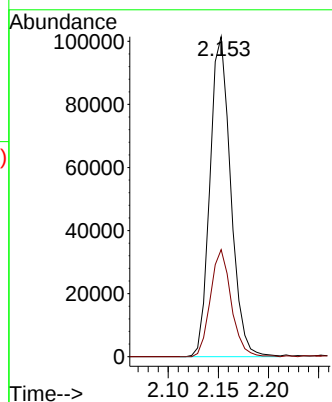
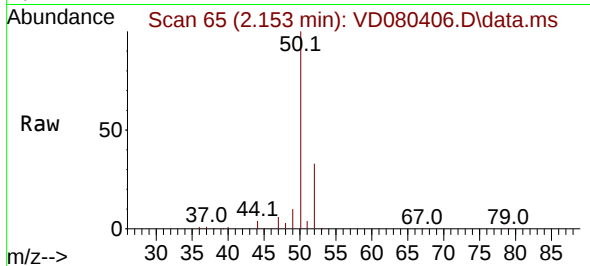




#3
Chloromethane
Concen: 43.838 ug/l
RT: 2.153 min Scan# 65
Delta R.T. 0.000 min
Lab File: VD080406.D
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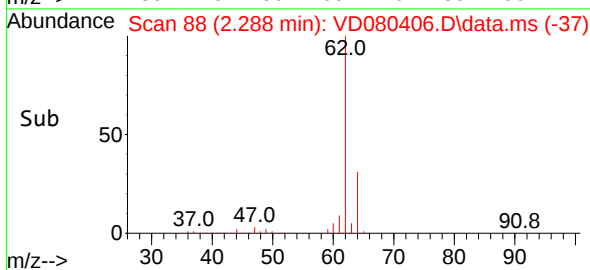
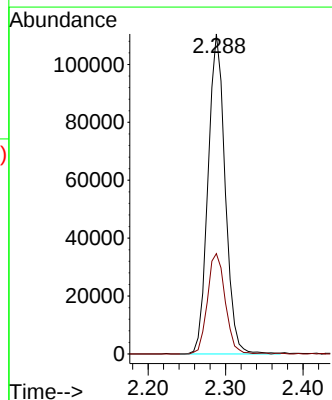
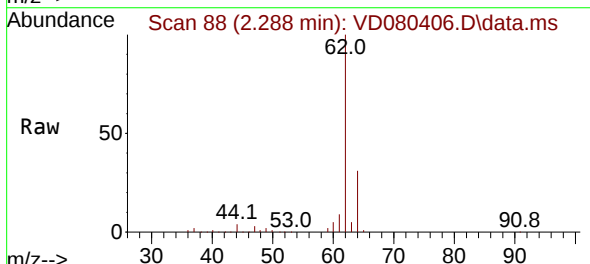
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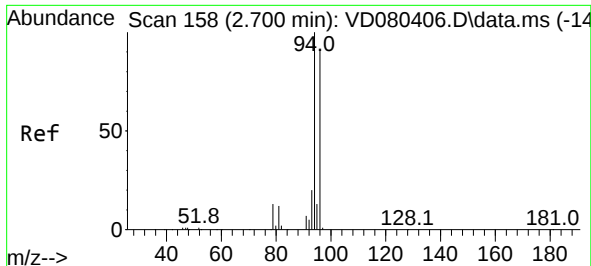
Tgt Ion: 50 Resp: 146393
Ion Ratio Lower Upper
50 100
52 33.4 26.7 40.1



#4
Vinyl Chloride
Concen: 45.192 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion: 62 Resp: 169341
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.6

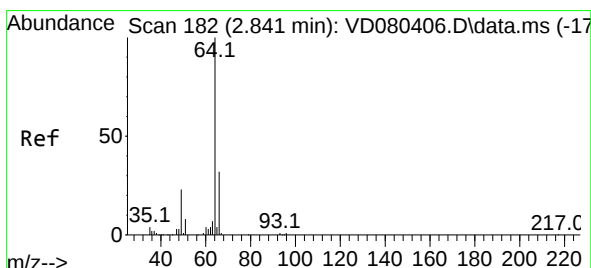
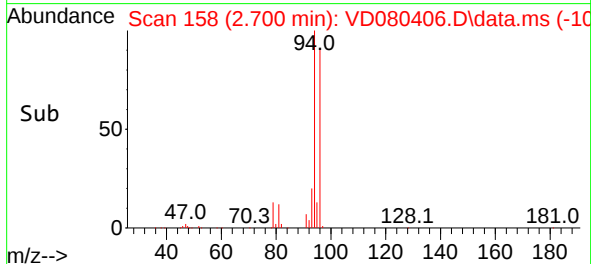
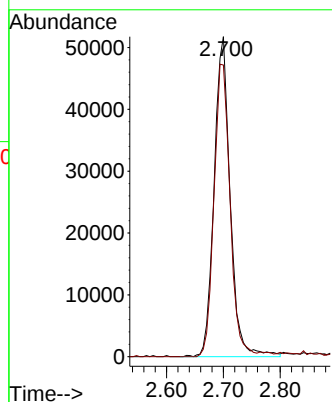
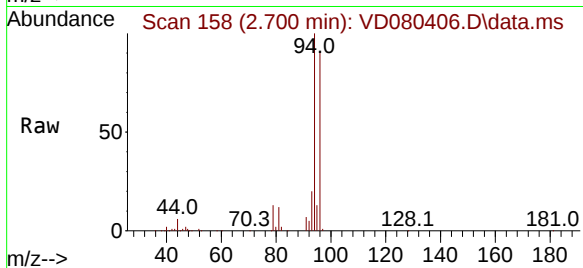




#5
Bromomethane
Concen: 43.059 ug/l
RT: 2.700 min Scan# 158
Delta R.T. 0.000 min
Lab File: VD080406.D
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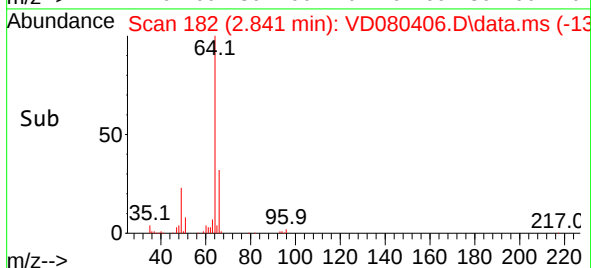
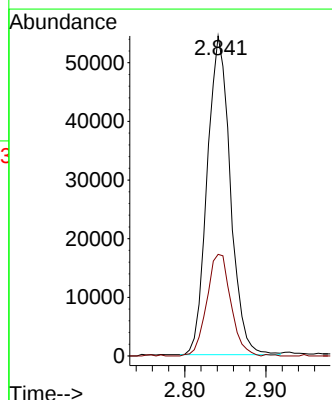
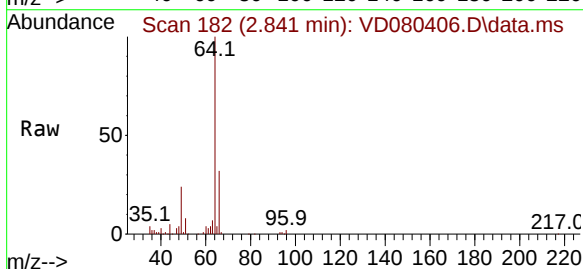
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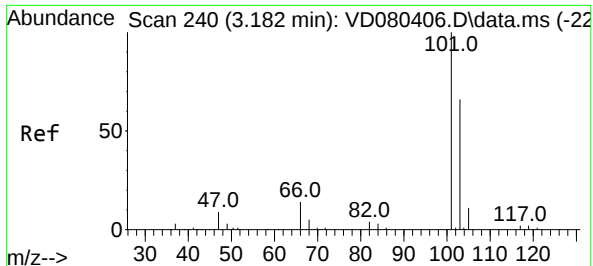
Tgt Ion: 94 Resp: 101342
Ion Ratio Lower Upper
94 100
96 91.4 73.1 109.7



#6
Chloroethane
Concen: 44.343 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion: 64 Resp: 107527
Ion Ratio Lower Upper
64 100
66 31.9 25.5 38.3

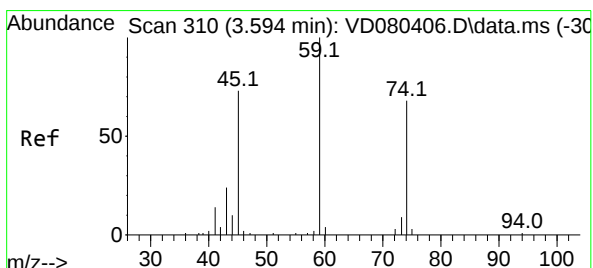
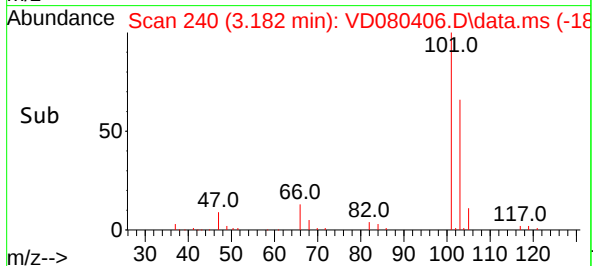
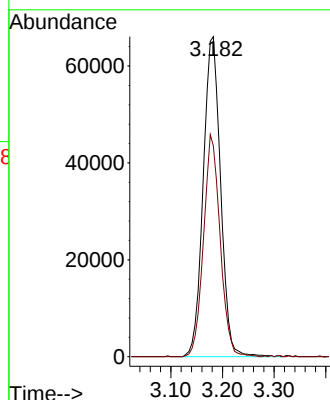
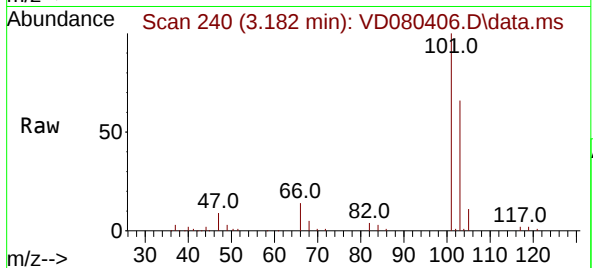




#7
 Trichlorofluoromethane
 Concen: 45.570 ug/l
 RT: 3.182 min Scan# 240
 Delta R.T. 0.000 min
 Lab File: VD080406.D
 Acq: 04 Jun 2025 09:55

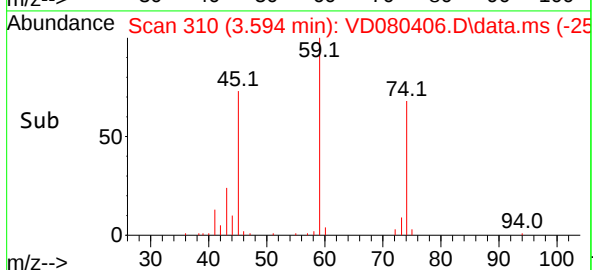
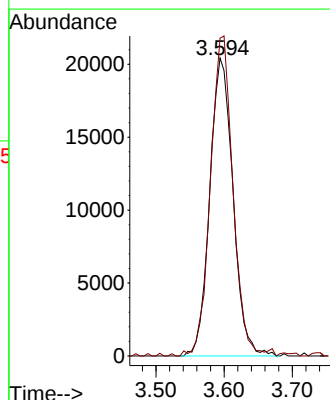
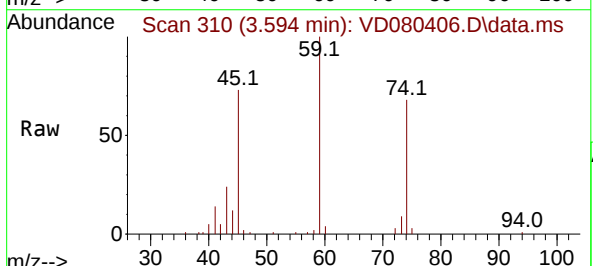
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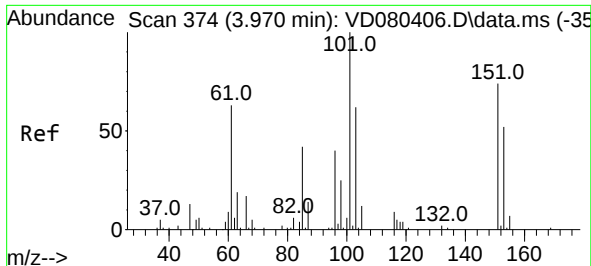
Tgt Ion:101 Resp: 154260
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.7 79.1



#8
 Diethyl Ether
 Concen: 43.258 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VD080406.D
 Acq: 04 Jun 2025 09:55

Tgt Ion: 74 Resp: 48418
 Ion Ratio Lower Upper
 74 100
 45 103.7 51.8 155.5

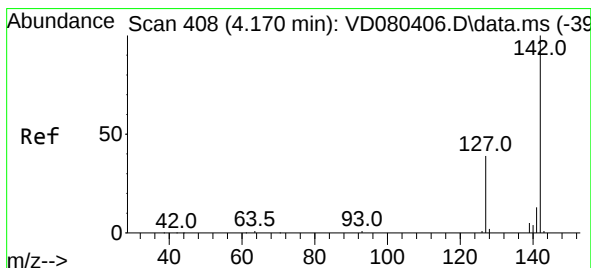
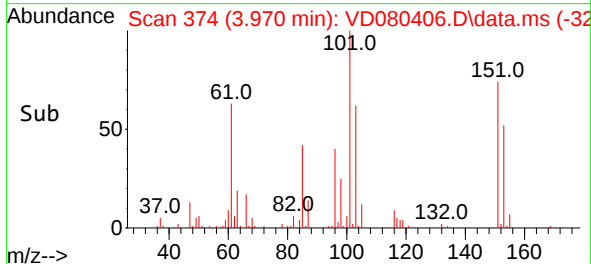
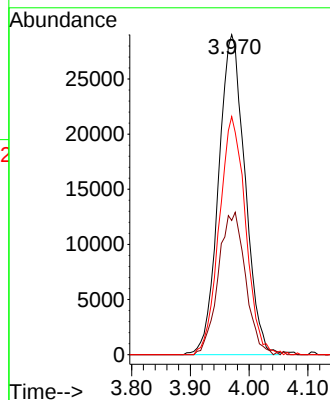
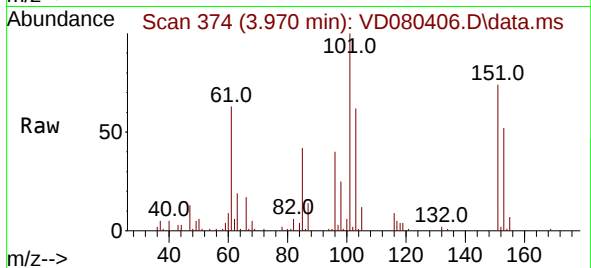




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.030 ug/l
RT: 3.970 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

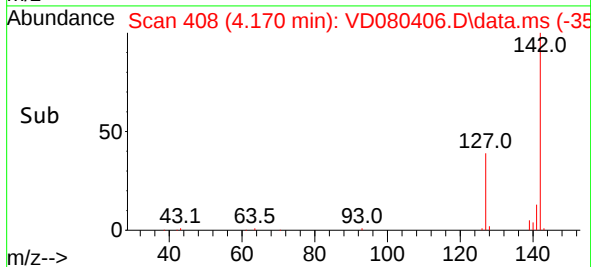
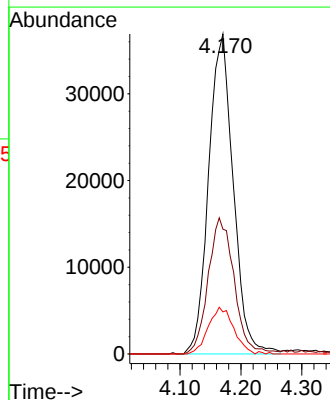
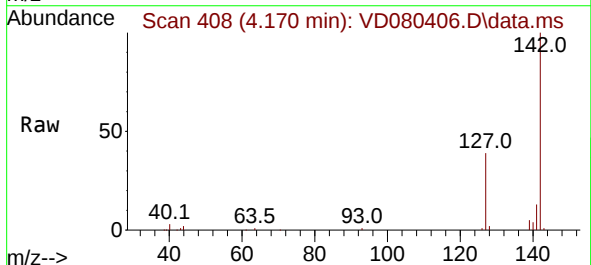
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

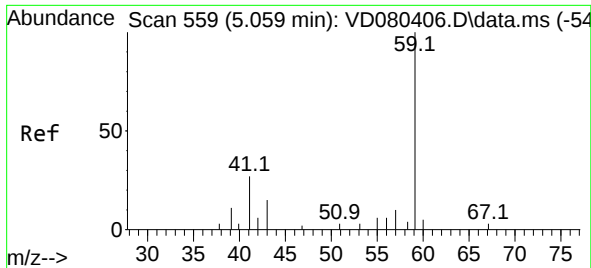
Tgt Ion:101 Resp: 90651
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 74.0 59.2 88.8



#10
Methyl Iodide
Concen: 50.604 ug/l
RT: 4.170 min Scan# 408
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion:142 Resp: 103706
Ion Ratio Lower Upper
142 100
127 44.8 35.8 53.8
141 15.0 12.0 18.0





#11

Tert butyl alcohol

Concen: 206.433 ug/l

RT: 5.059 min Scan# 511

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

Instrument :

MSVOA_D

ClientSampleId :

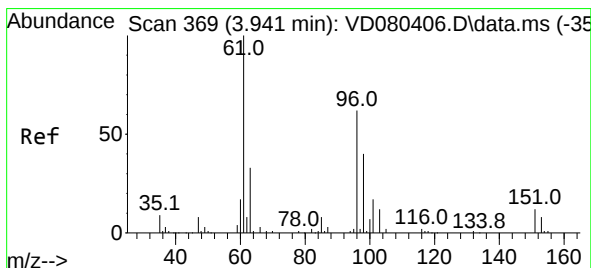
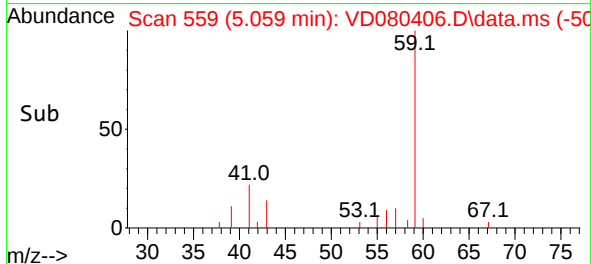
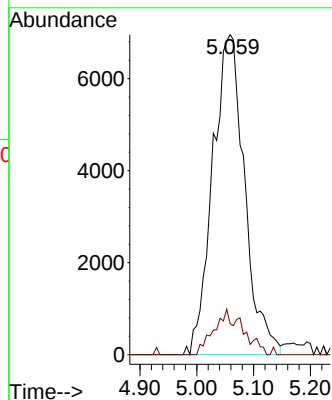
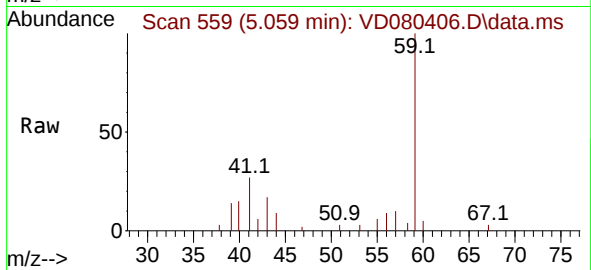
VSTDICCC050

Tgt Ion: 59 Resp: 27220

Ion Ratio Lower Upper

59 100

57 8.0 6.4 9.6



#12

1,1-Dichloroethene

Concen: 45.839 ug/l

RT: 3.941 min Scan# 369

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

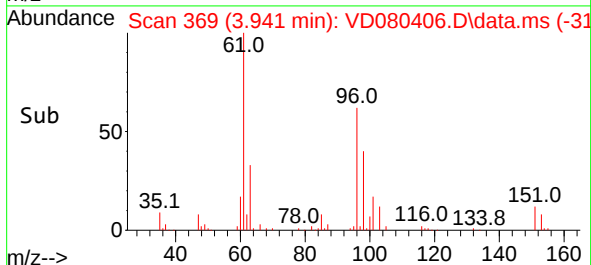
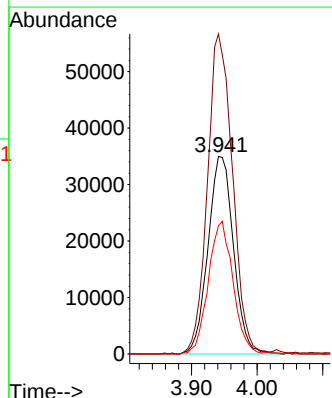
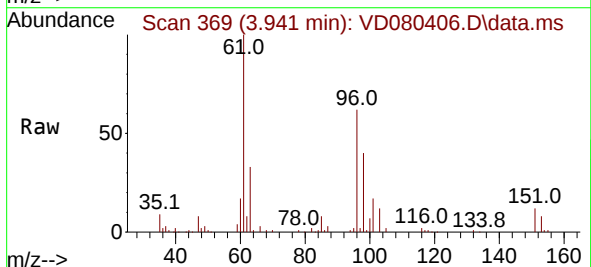
Tgt Ion: 96 Resp: 94475

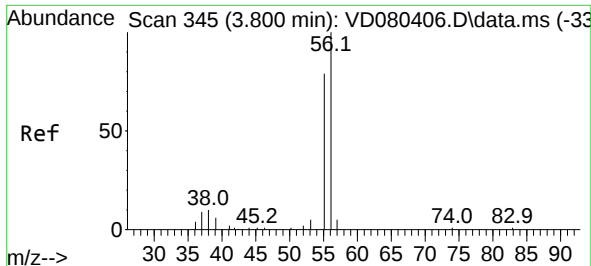
Ion Ratio Lower Upper

96 100

61 162.1 129.7 194.5

98 65.0 52.0 78.0

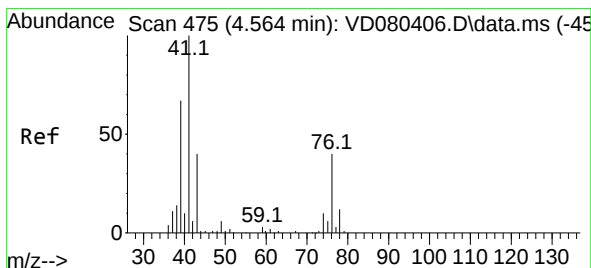
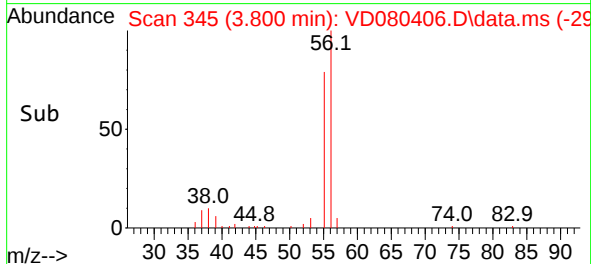
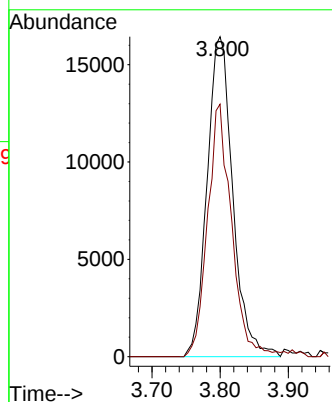
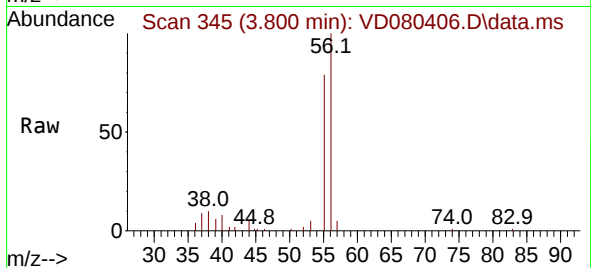




#13
Acrolein
Concen: 214.571 ug/l
RT: 3.800 min Scan# 345
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

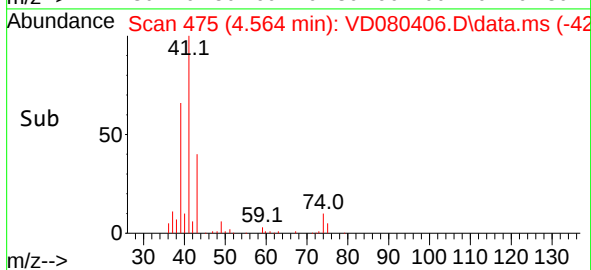
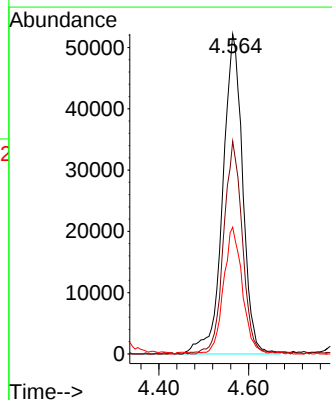
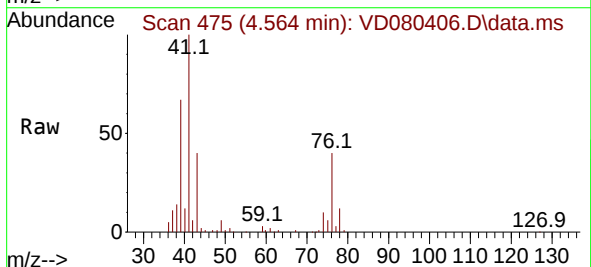
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

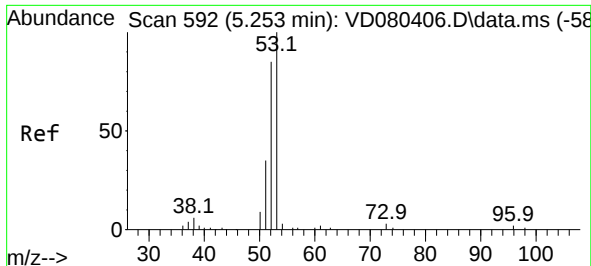
Tgt Ion: 56 Resp: 43154
Ion Ratio Lower Upper
56 100
55 73.4 58.7 88.1



#14
Allyl chloride
Concen: 46.332 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion: 41 Resp: 161076
Ion Ratio Lower Upper
41 100
39 62.5 50.0 75.0
76 37.4 29.9 44.9



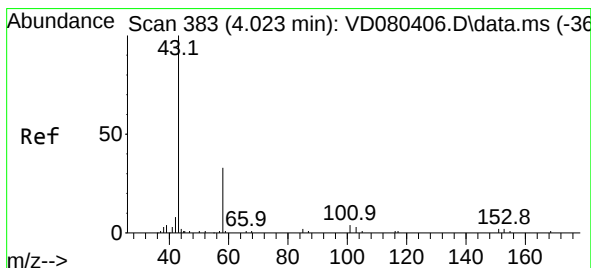
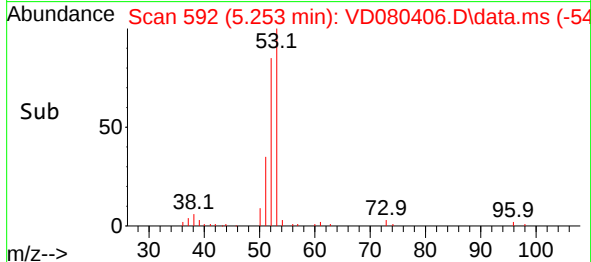
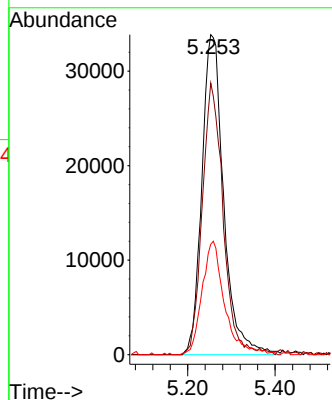
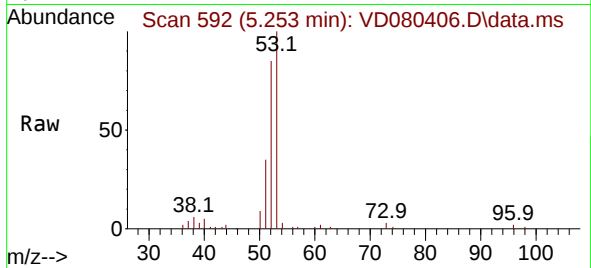


#15
Acrylonitrile
Concen: 229.816 ug/l
RT: 5.253 min Scan# 592
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 117639

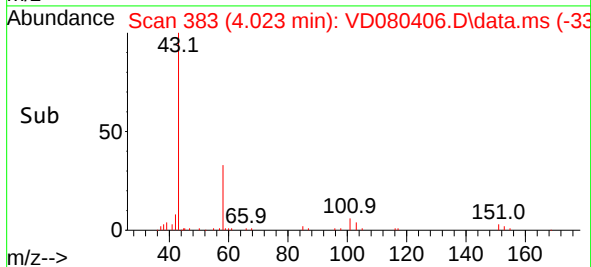
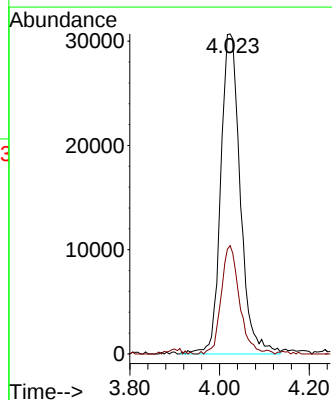
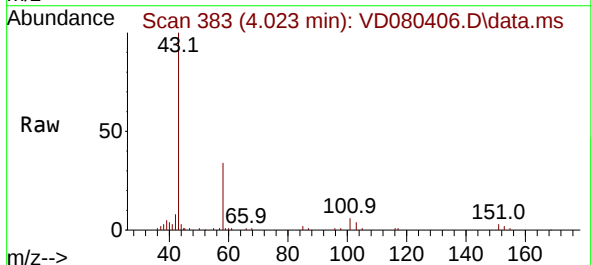
Ion	Ratio	Lower	Upper
53	100		
52	80.2	64.2	96.2
51	36.6	29.3	43.9

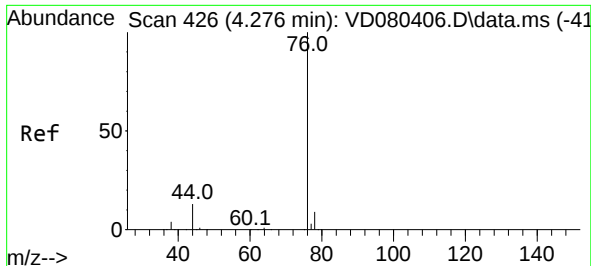


#16
Acetone
Concen: 216.250 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion: 43 Resp: 93164

Ion	Ratio	Lower	Upper
43	100		
58	33.3	26.6	40.0

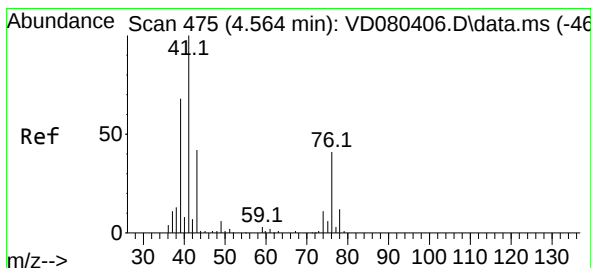
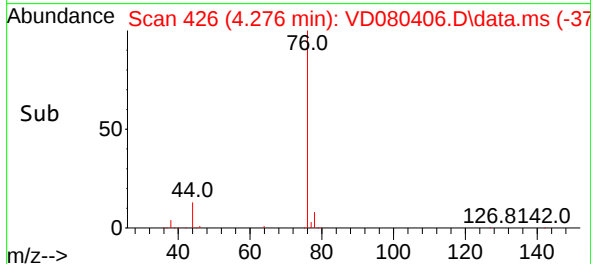
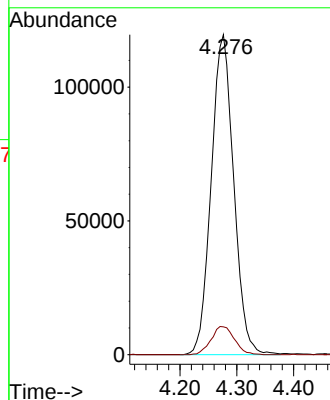
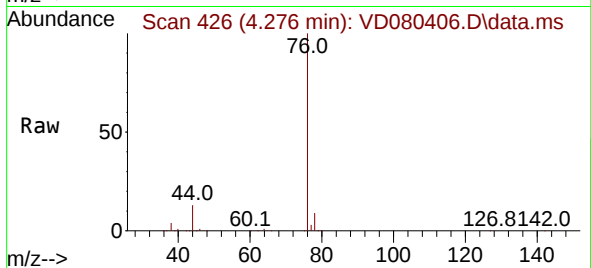




#17
Carbon Disulfide
Concen: 45.855 ug/l
RT: 4.276 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

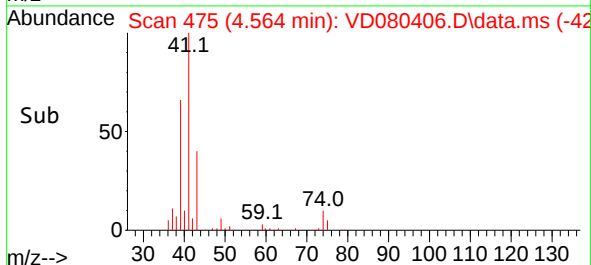
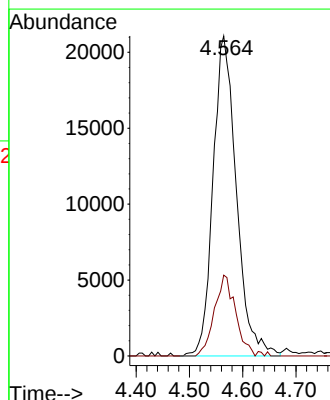
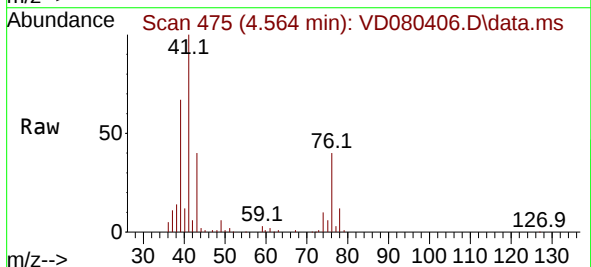
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

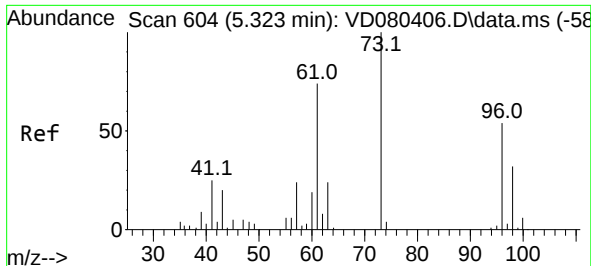
Tgt Ion: 76 Resp: 328962
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 45.197 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion: 43 Resp: 64041
Ion Ratio Lower Upper
43 100
74 22.7 18.2 27.2

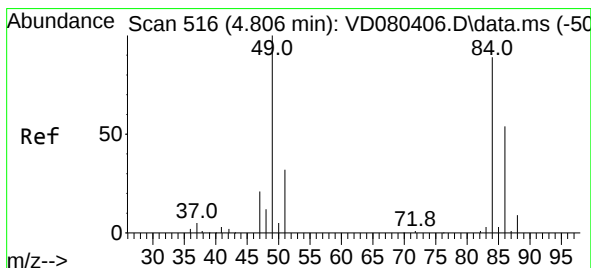
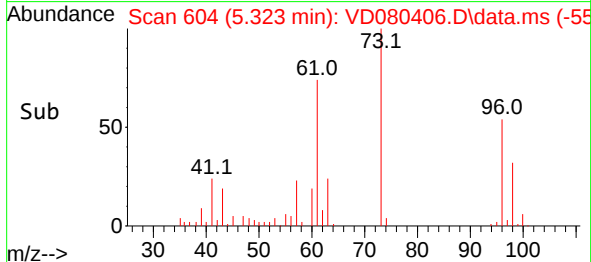
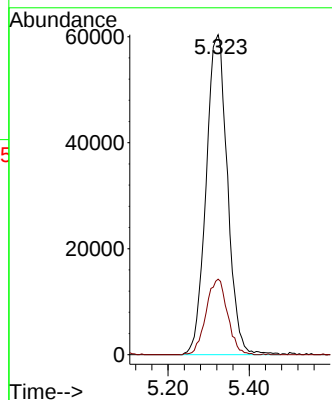
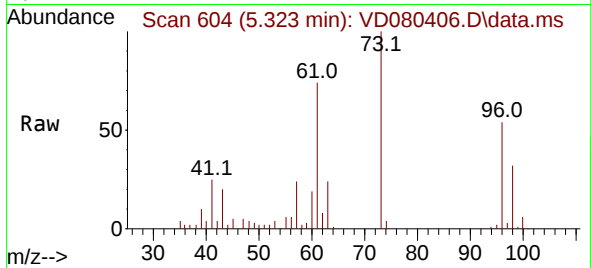




#19
Methyl tert-butyl Ether
Concen: 47.767 ug/l
RT: 5.323 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

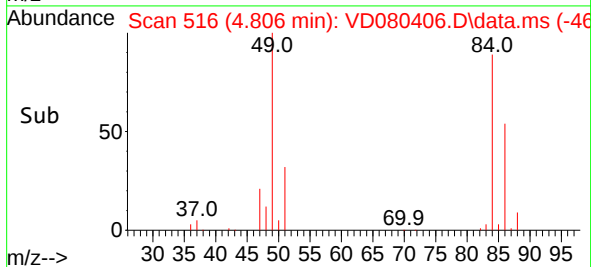
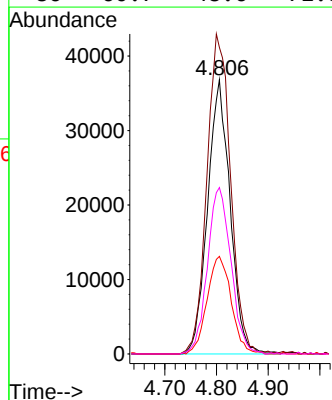
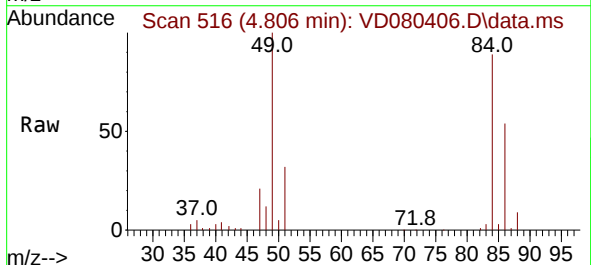
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

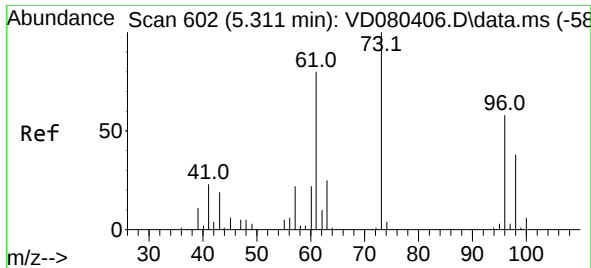
Tgt Ion: 73 Resp: 220198
Ion Ratio Lower Upper
73 100
57 23.6 18.9 28.3



#20
Methylene Chloride
Concen: 44.340 ug/l
RT: 4.806 min Scan# 516
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion: 84 Resp: 111520
Ion Ratio Lower Upper
84 100
49 111.8 89.4 134.2
51 35.6 28.5 42.7
86 60.7 48.6 72.8

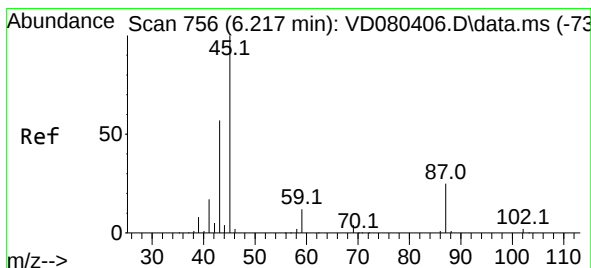
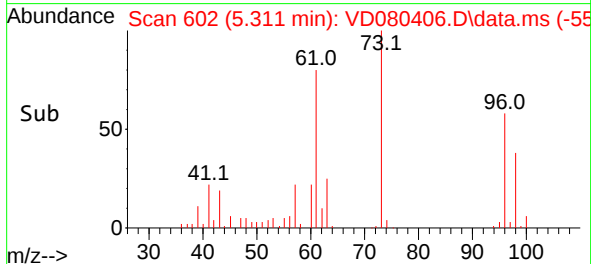
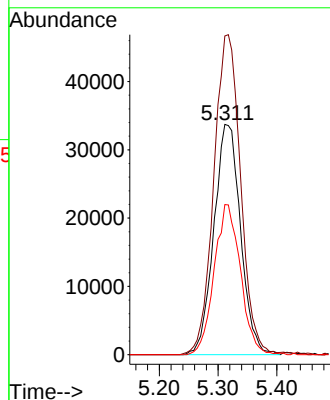
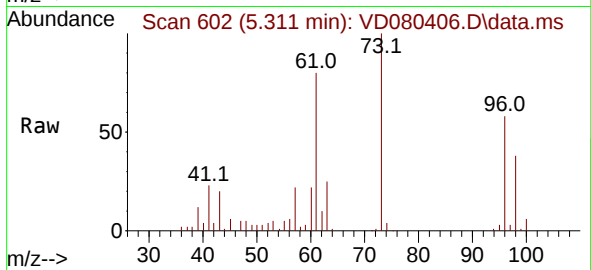




#21
trans-1,2-Dichloroethene
Concen: 47.724 ug/l
RT: 5.311 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

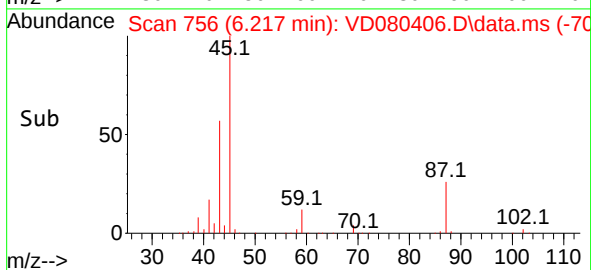
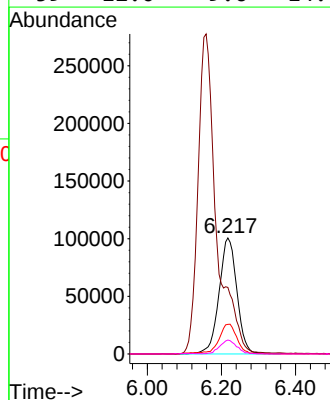
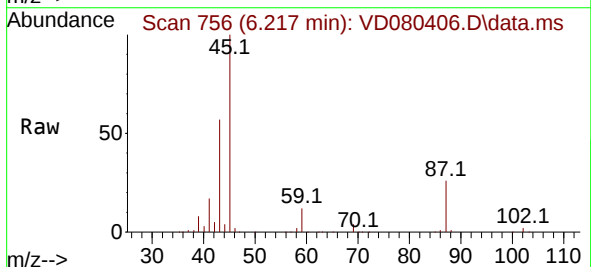
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

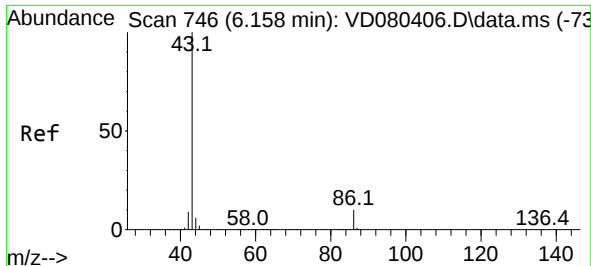
Tgt Ion: 96 Resp: 106188
Ion Ratio Lower Upper
96 100
61 138.5 110.8 166.2
98 65.2 52.2 78.2



#22
Diisopropyl ether
Concen: 49.105 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion: 45 Resp: 337538
Ion Ratio Lower Upper
45 100
43 57.0 45.6 68.4
87 25.5 20.4 30.6
59 12.0 9.6 14.4

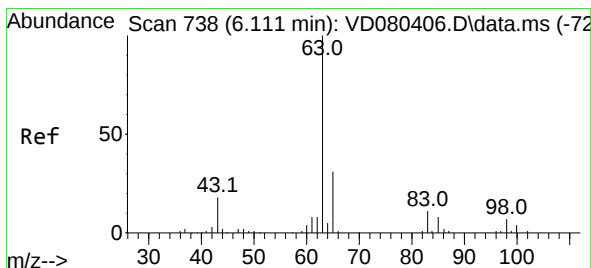
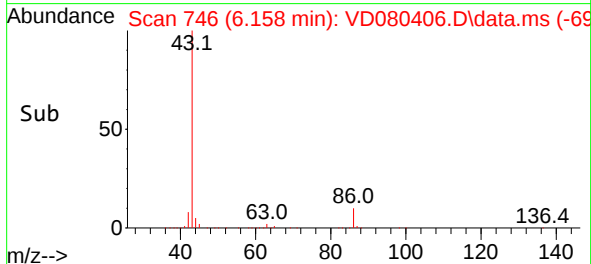
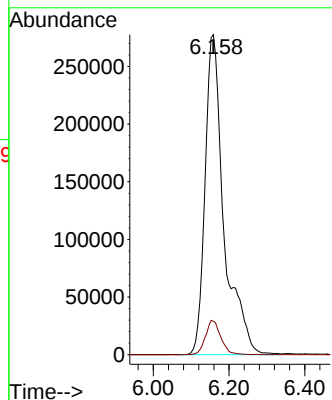
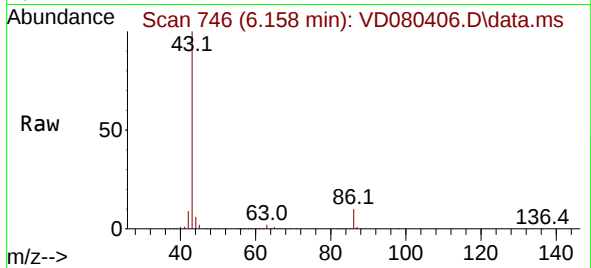




#23
 Vinyl Acetate
 Concen: 241.587 ug/l
 RT: 6.158 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD080406.D
 Acq: 04 Jun 2025 09:55

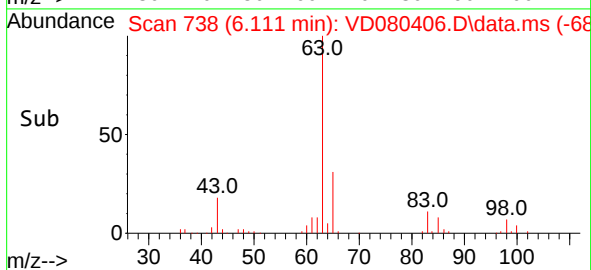
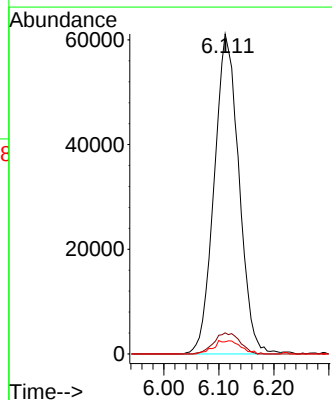
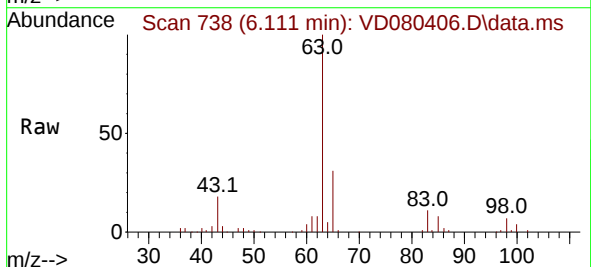
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

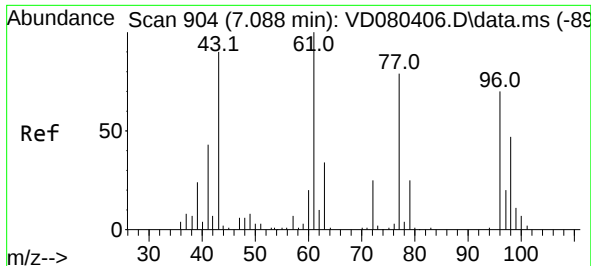
Tgt Ion: 43 Resp: 960724
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 45.978 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD080406.D
 Acq: 04 Jun 2025 09:55

Tgt Ion: 63 Resp: 191131
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 3.8 1.9 5.7

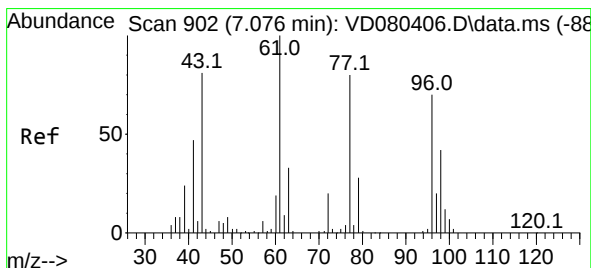
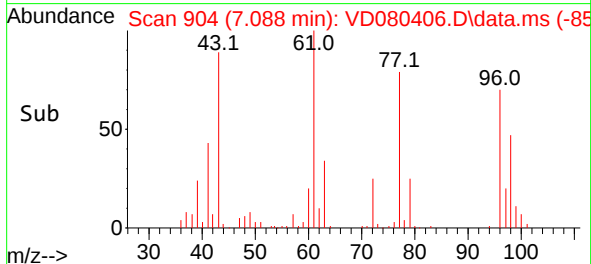
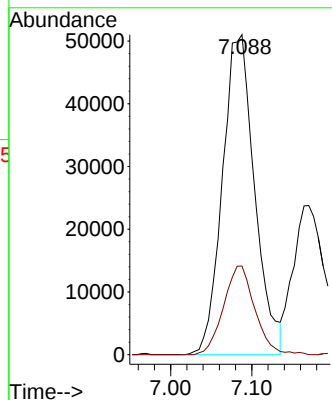
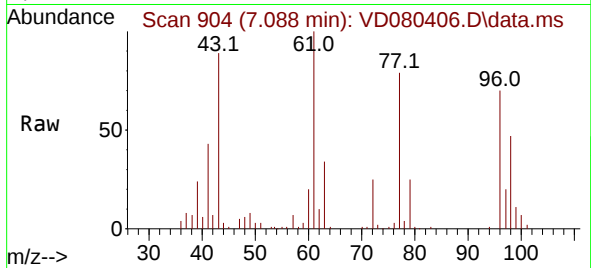




#25
2-Butanone
Concen: 223.195 ug/l
RT: 7.088 min Scan# 904
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

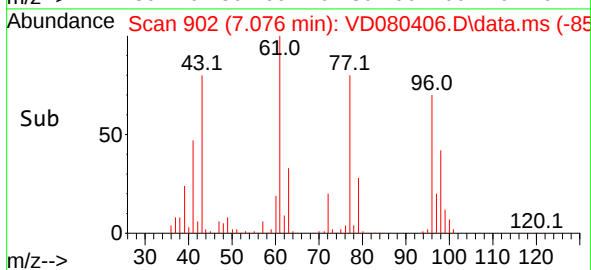
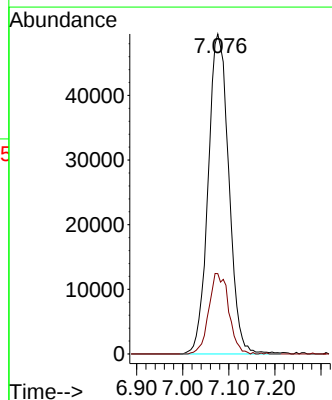
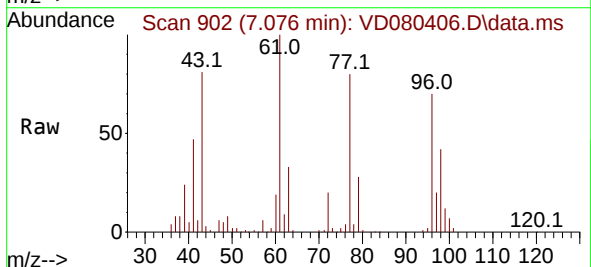
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

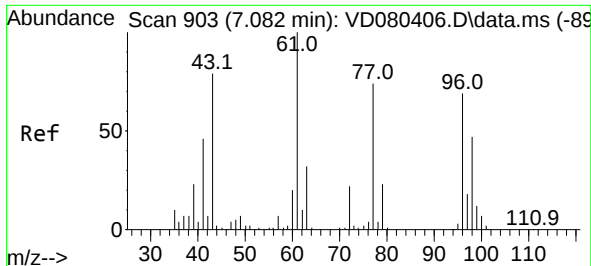
Tgt Ion: 43 Resp: 140794
Ion Ratio Lower Upper
43 100
72 27.7 22.2 33.2



#26
2,2-Dichloropropane
Concen: 46.691 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion: 77 Resp: 154560
Ion Ratio Lower Upper
77 100
97 24.3 12.2 36.4

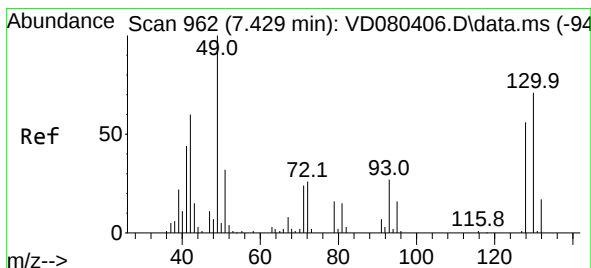
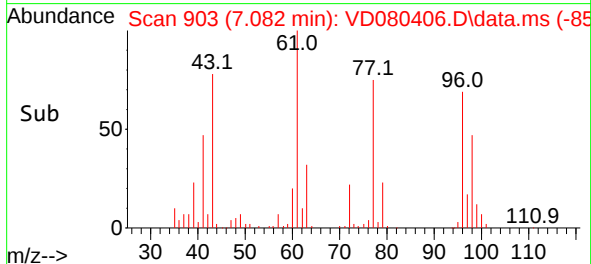
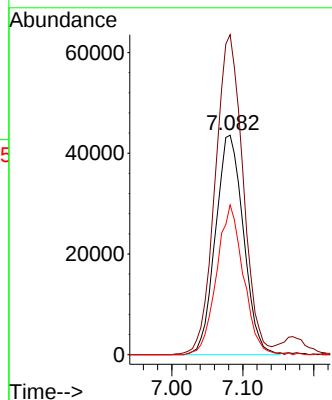
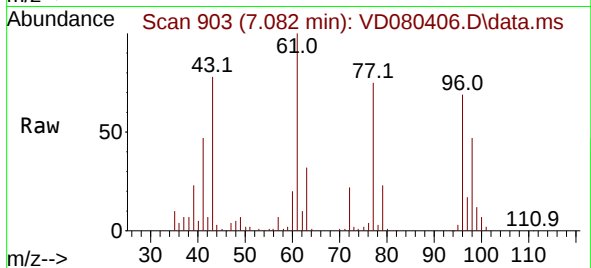




#27
 cis-1,2-Dichloroethene
 Concen: 47.499 ug/l
 RT: 7.082 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VD080406.D
 Acq: 04 Jun 2025 09:55

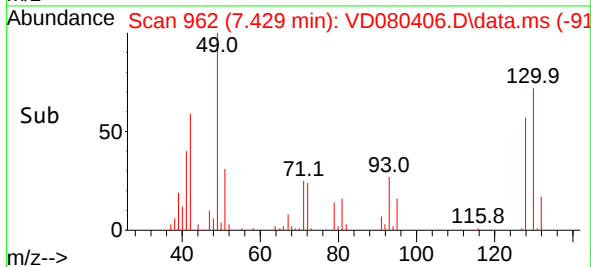
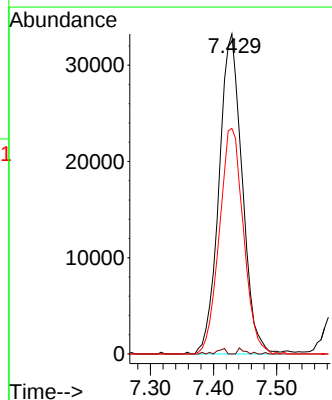
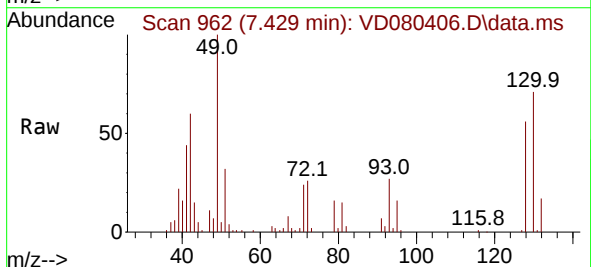
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

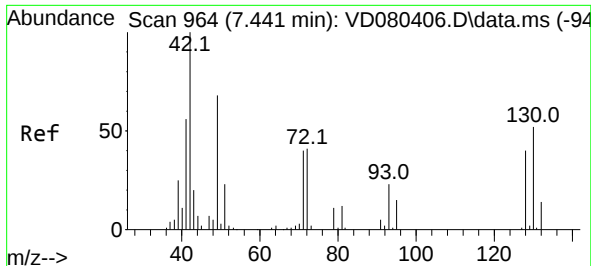
Tgt Ion: 96 Resp: 119031
 Ion Ratio Lower Upper
 96 100
 61 145.5 0.0 291.0
 98 65.3 0.0 130.6



#28
 Bromochloromethane
 Concen: 46.122 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.000 min
 Lab File: VD080406.D
 Acq: 04 Jun 2025 09:55

Tgt Ion: 49 Resp: 84837
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 1.2
 130 73.3 58.6 88.0





#29

Tetrahydrofuran

Concen: 232.214 ug/l

RT: 7.441 min Scan# 964

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

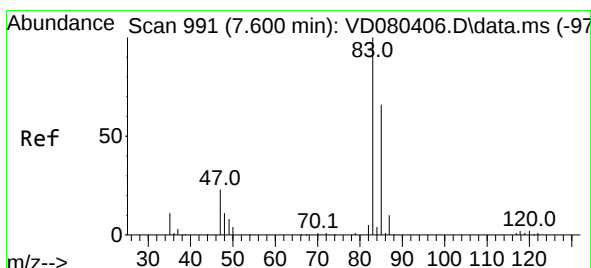
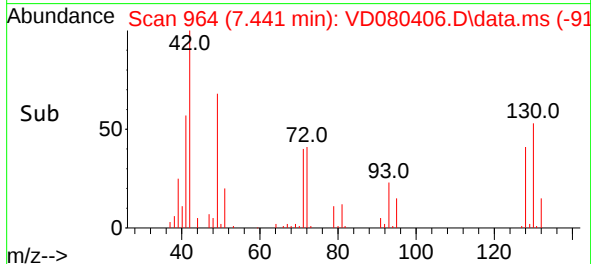
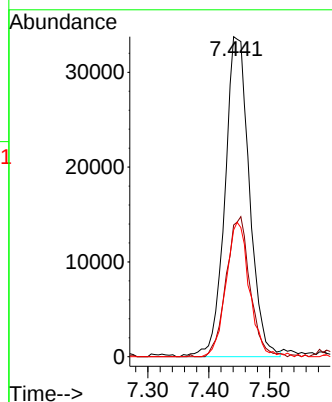
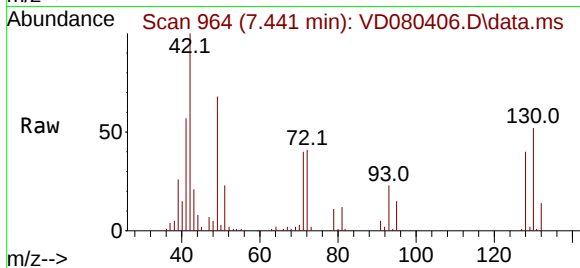
Tgt Ion: 42 Resp: 94241

Ion Ratio Lower Upper

42 100

72 42.6 34.1 51.1

71 40.3 32.2 48.4



#30

Chloroform

Concen: 47.081 ug/l

RT: 7.600 min Scan# 991

Delta R.T. 0.000 min

Lab File: VD080406.D

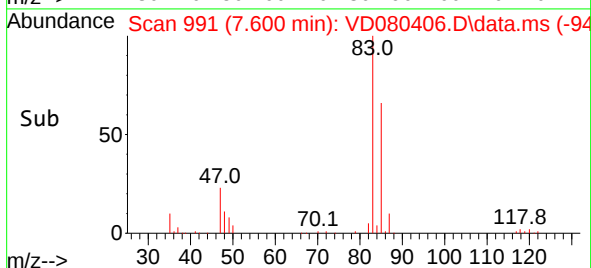
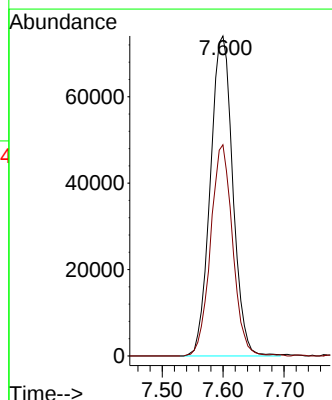
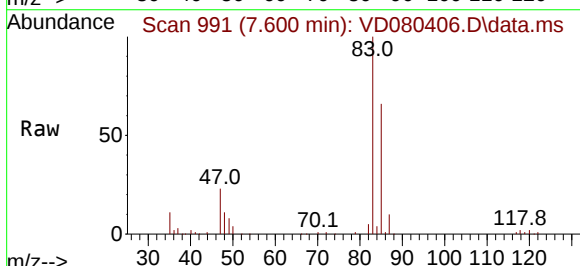
Acq: 04 Jun 2025 09:55

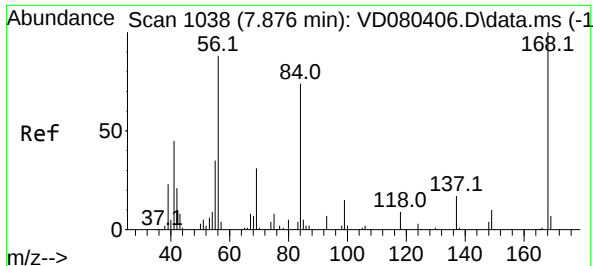
Tgt Ion: 83 Resp: 189979

Ion Ratio Lower Upper

83 100

85 66.0 52.8 79.2

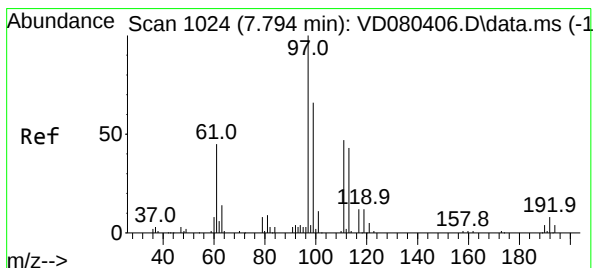
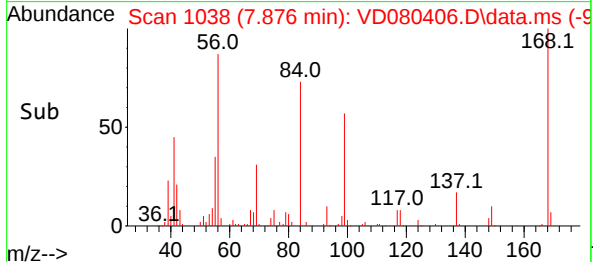
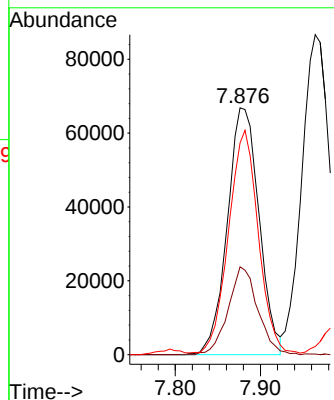
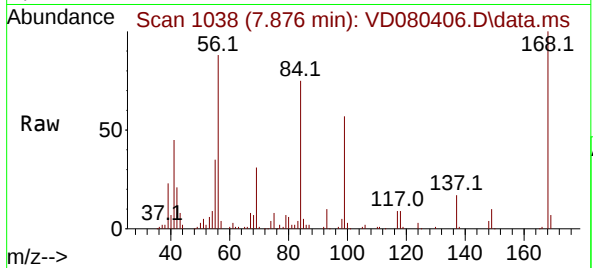




#31
Cyclohexane
Concen: 46.022 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

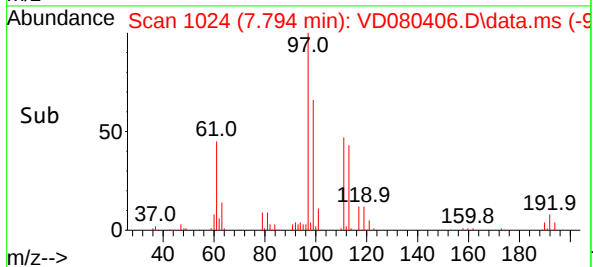
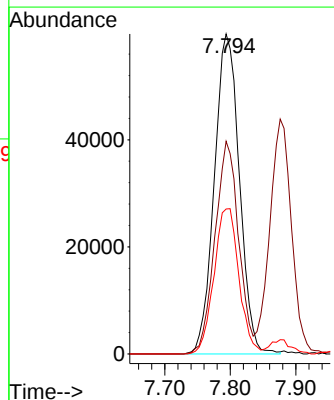
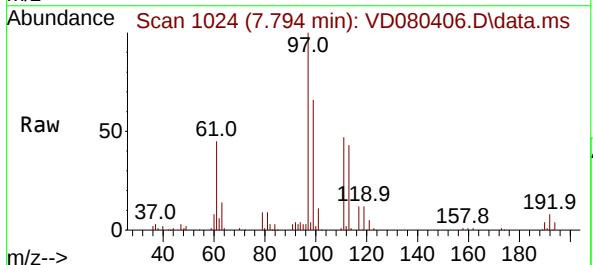
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

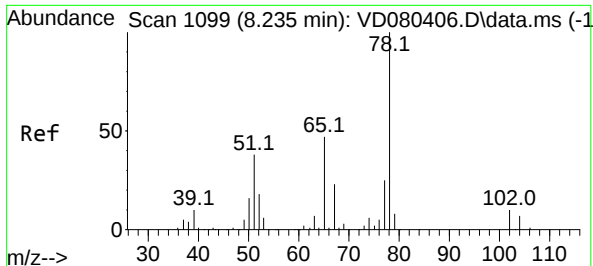
Tgt Ion: 56 Resp: 173085
Ion Ratio Lower Upper
56 100
69 35.6 28.5 42.7
84 84.2 67.4 101.0



#32
1,1,1-Trichloroethane
Concen: 46.994 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion: 97 Resp: 158579
Ion Ratio Lower Upper
97 100
99 62.8 50.2 75.4
61 45.2 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 46.636 ug/l

RT: 8.235 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

Instrument :

MSVOA_D

ClientSampleId :

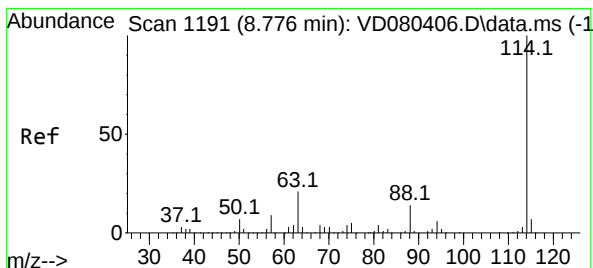
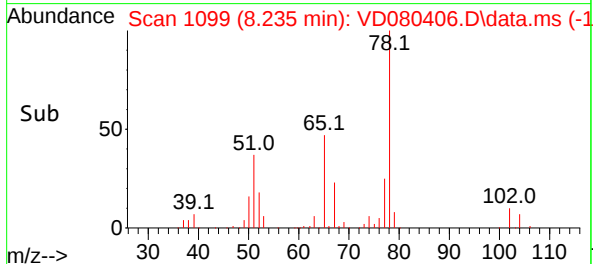
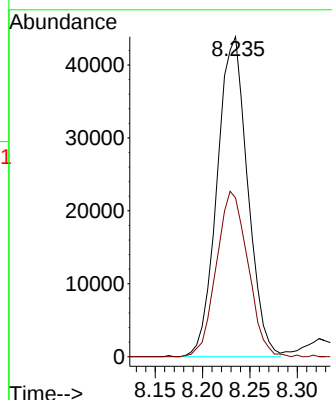
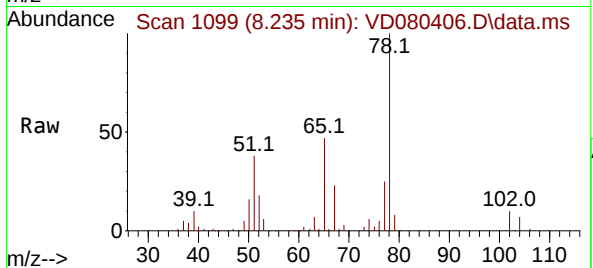
VSTDICCC050

Tgt Ion: 65 Resp: 98365

Ion Ratio Lower Upper

65 100

67 53.4 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: VD080406.D

Acq: 04 Jun 2025 09:55

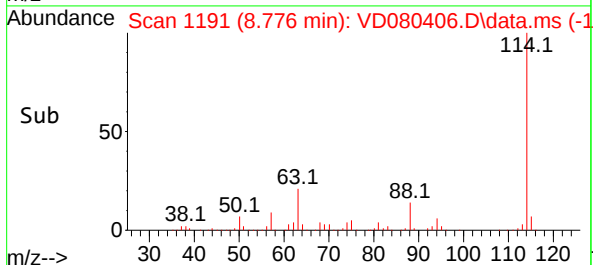
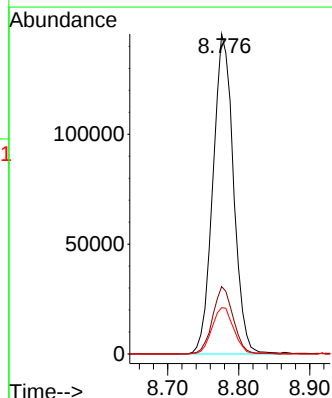
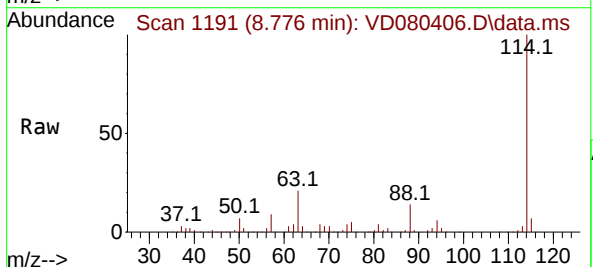
Tgt Ion: 114 Resp: 291792

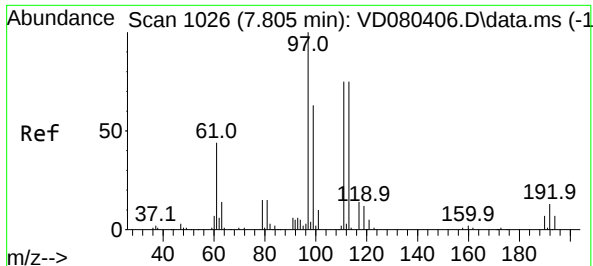
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.0

88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.035 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

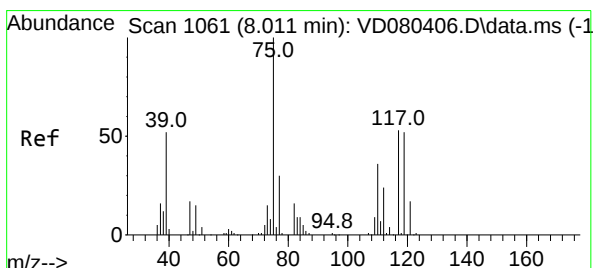
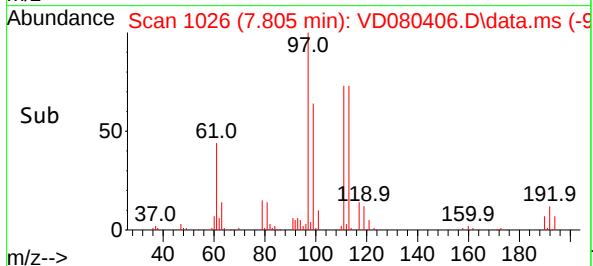
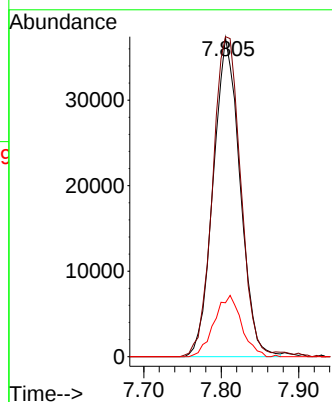
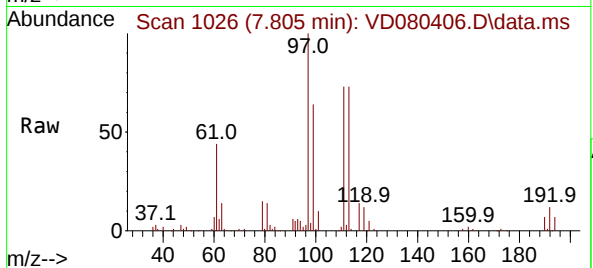
Tgt Ion:113 Resp: 89418

Ion Ratio Lower Upper

113 100

111 105.8 84.6 127.0

192 19.7 15.8 23.6



#36

1,1-Dichloropropene

Concen: 47.603 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

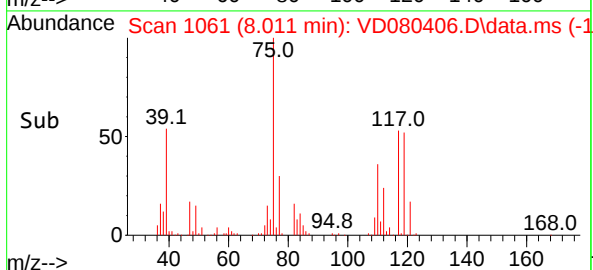
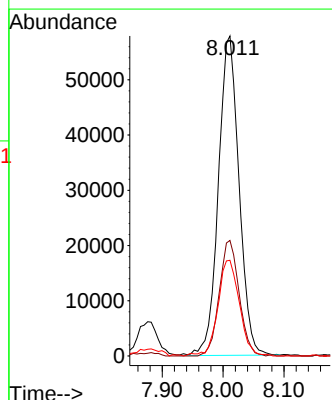
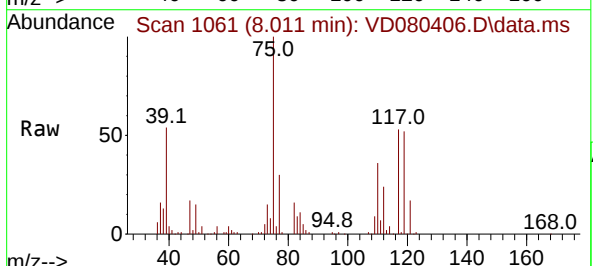
Tgt Ion: 75 Resp: 136051

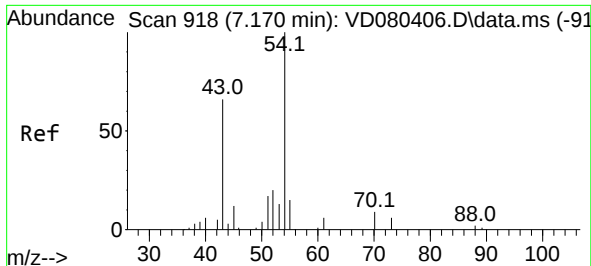
Ion Ratio Lower Upper

75 100

110 34.9 17.4 52.3

77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 46.600 ug/l

RT: 7.170 min Scan# 918

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

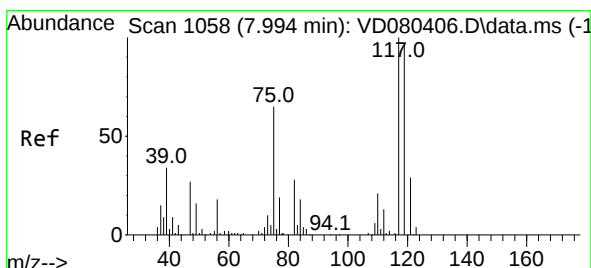
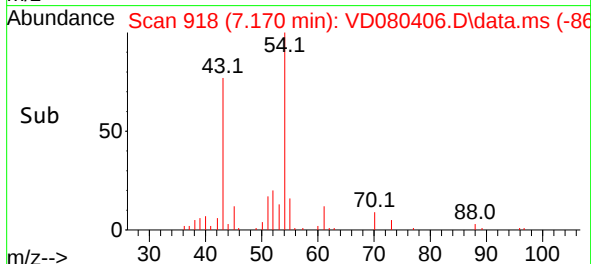
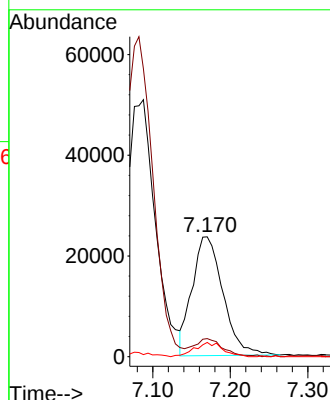
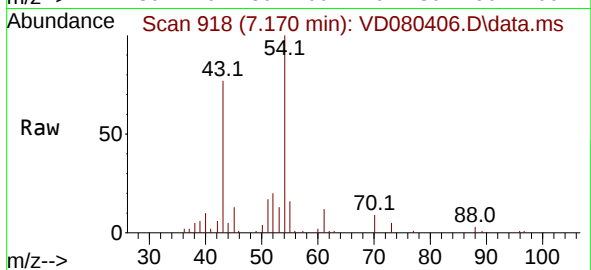
Tgt Ion: 43 Resp: 65260

Ion Ratio Lower Upper

43 100

61 14.4 11.5 17.3

70 10.8 8.6 13.0



#38

Carbon Tetrachloride

Concen: 47.211 ug/l

RT: 7.994 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

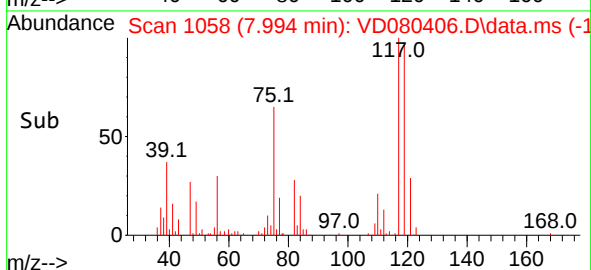
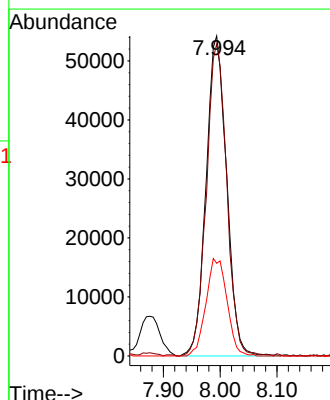
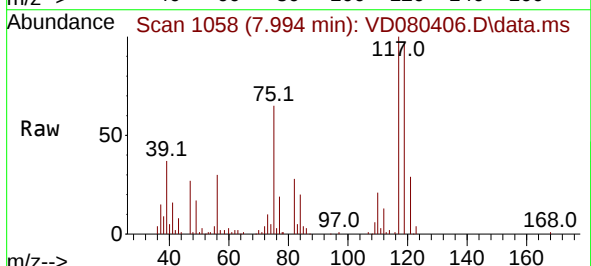
Tgt Ion: 117 Resp: 136389

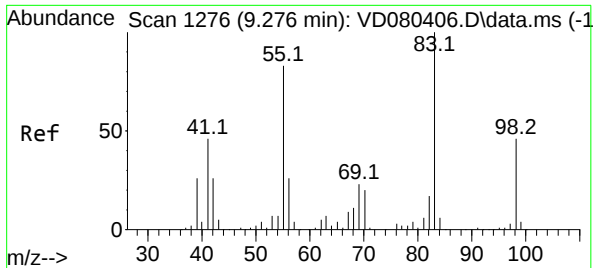
Ion Ratio Lower Upper

117 100

119 97.5 78.0 117.0

121 29.0 23.2 34.8





#39

Methylcyclohexane

Concen: 49.171 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

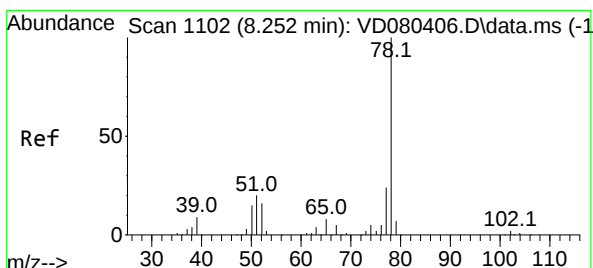
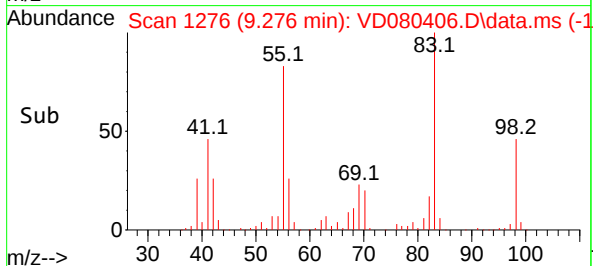
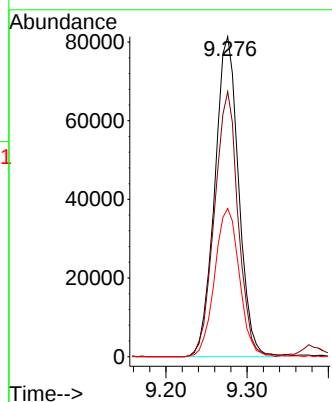
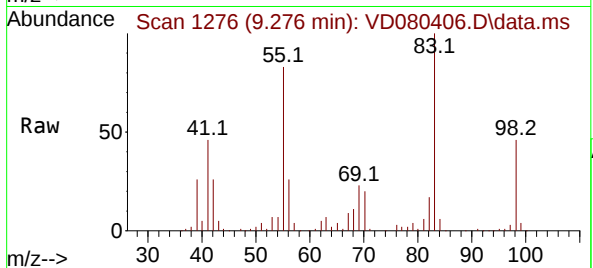
Tgt Ion: 83 Resp: 166465

Ion Ratio Lower Upper

83 100

55 82.8 66.2 99.4

98 46.3 37.0 55.6



#40

Benzene

Concen: 47.935 ug/l

RT: 8.252 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080406.D

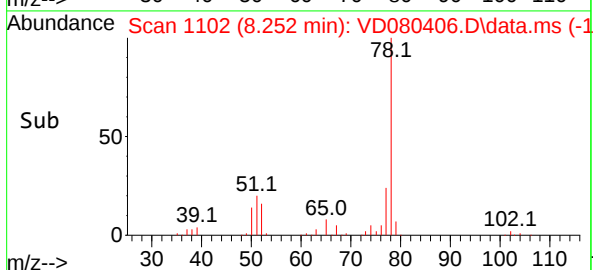
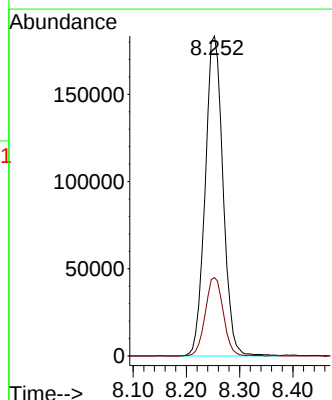
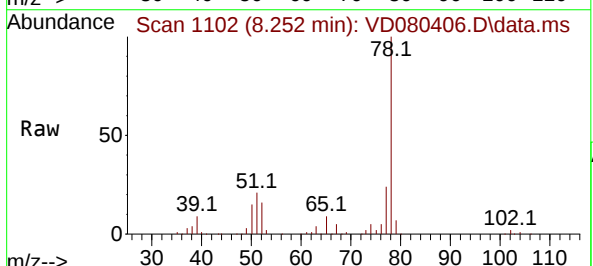
Acq: 04 Jun 2025 09:55

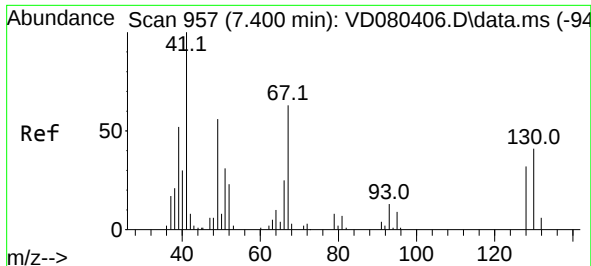
Tgt Ion: 78 Resp: 426573

Ion Ratio Lower Upper

78 100

77 24.5 19.6 29.4

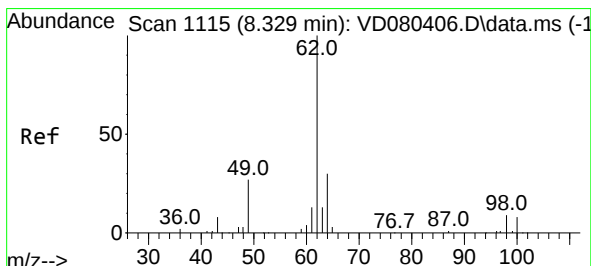
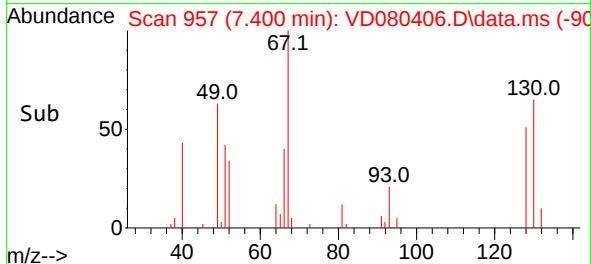
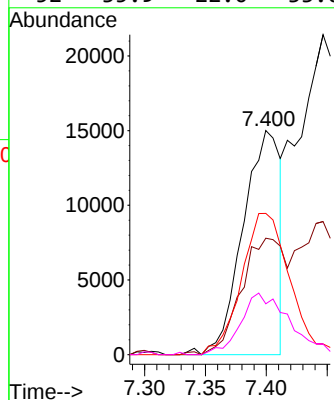
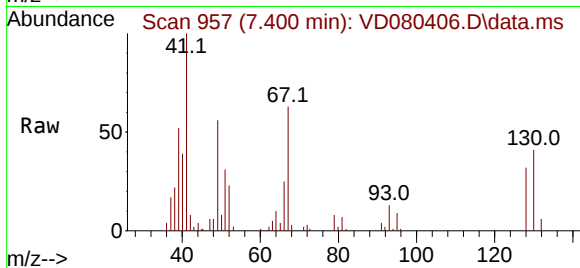




#41
Methacrylonitrile
Concen: 37.149 ug/l
RT: 7.400 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

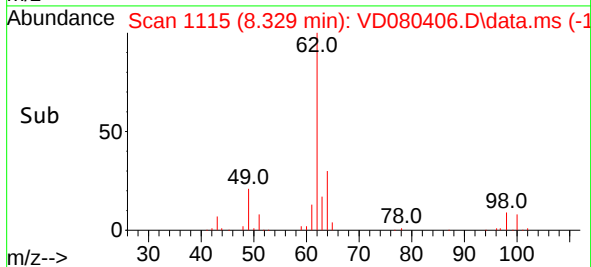
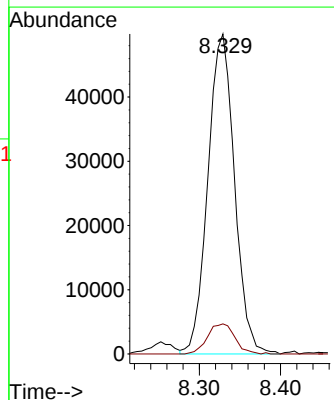
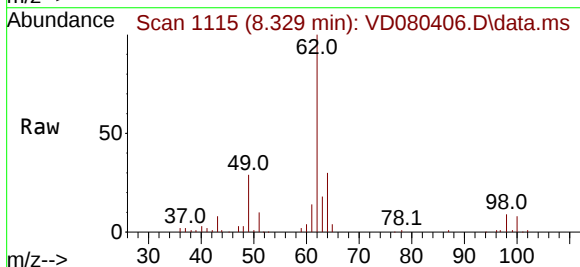
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

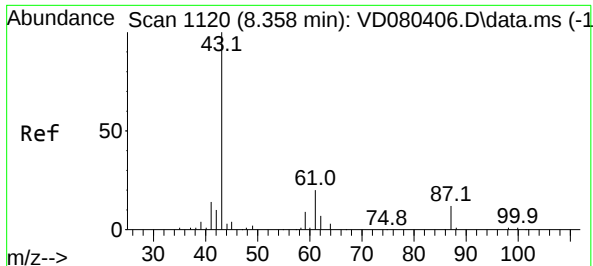
Tgt Ion:	41	Resp:	32044
Ion	Ratio	Lower	Upper
41	100		
39	61.4	37.6	56.4#
67	82.3	50.4	75.6#
52	35.9	22.0	33.0#



#42
1,2-Dichloroethane
Concen: 46.929 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion:	62	Resp:	113696
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





#43

Isopropyl Acetate

Concen: 46.747 ug/l

RT: 8.358 min Scan# 1120

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

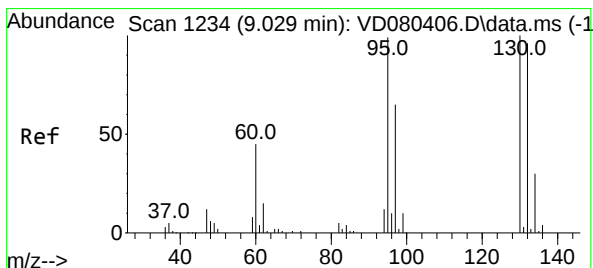
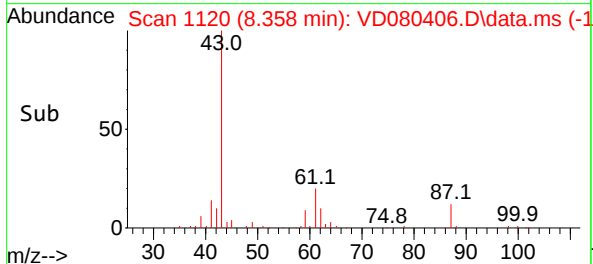
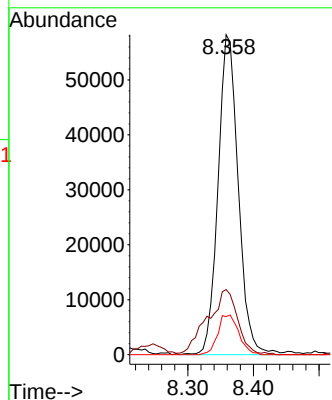
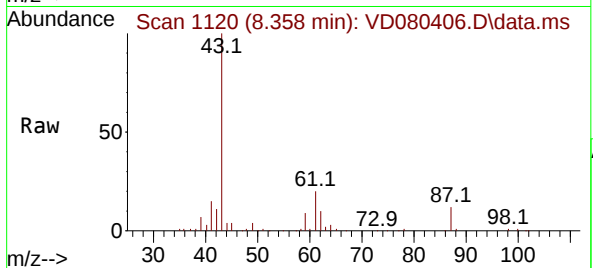
Tgt Ion: 43 Resp: 124468

Ion Ratio Lower Upper

43 100

61 30.5 24.4 36.6

87 12.8 10.2 15.4



#44

Trichloroethene

Concen: 47.629 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VD080406.D

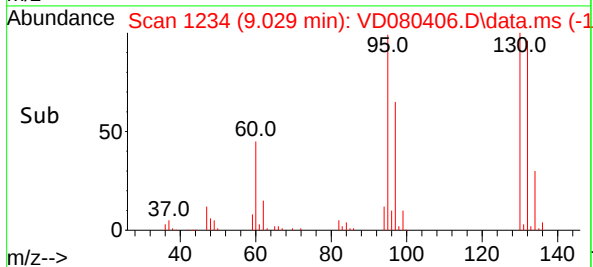
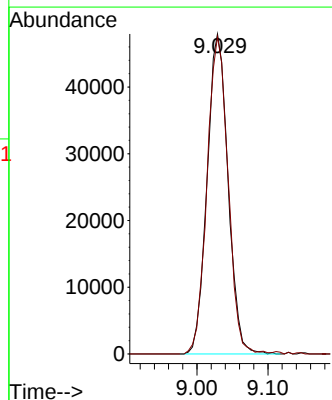
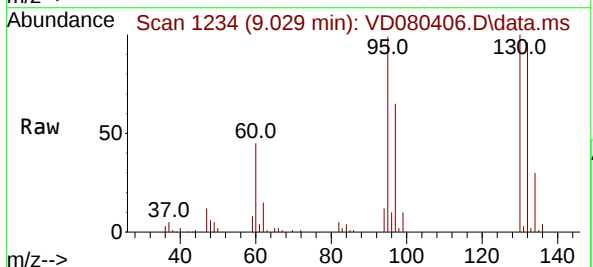
Acq: 04 Jun 2025 09:55

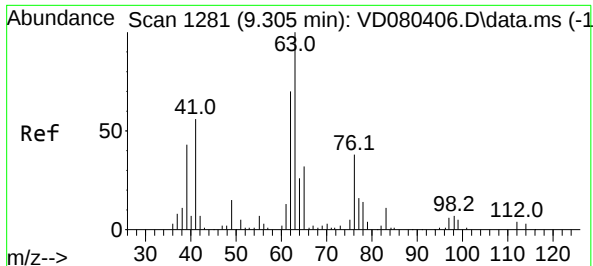
Tgt Ion:130 Resp: 98173

Ion Ratio Lower Upper

130 100

95 99.1 0.0 198.2





#45

1,2-Dichloropropane

Concen: 47.626 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

Instrument :

MSVOA_D

ClientSampleId :

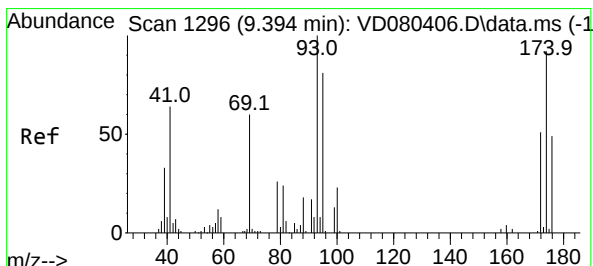
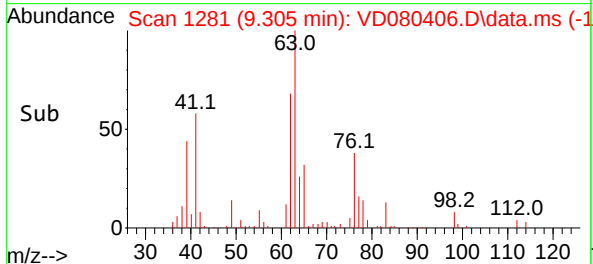
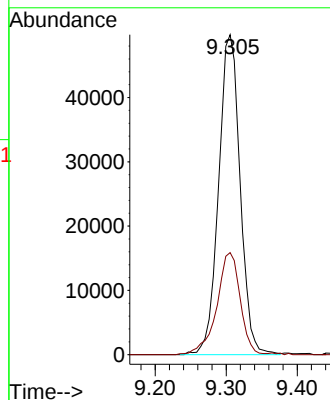
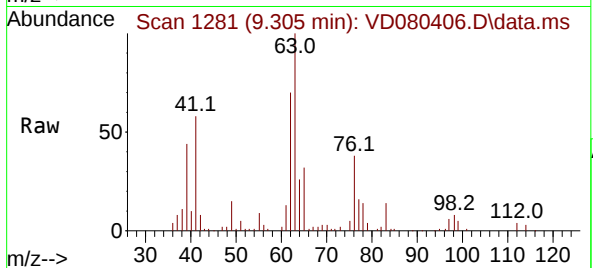
VSTDICCC050

Tgt Ion: 63 Resp: 104369

Ion Ratio Lower Upper

63 100

65 31.6 25.3 37.9



#46

Dibromomethane

Concen: 48.318 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

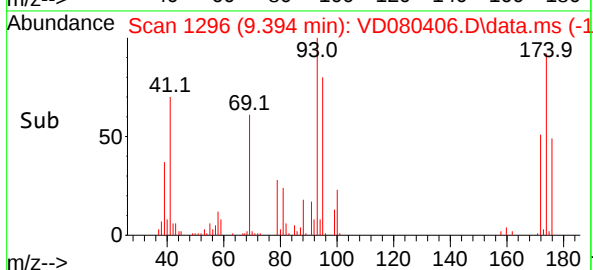
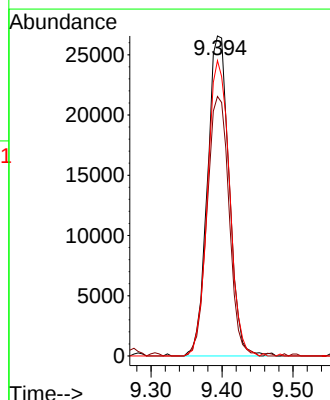
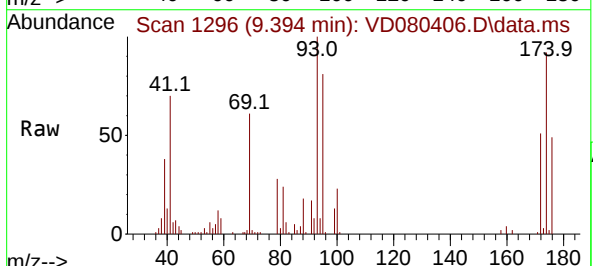
Tgt Ion: 93 Resp: 56372

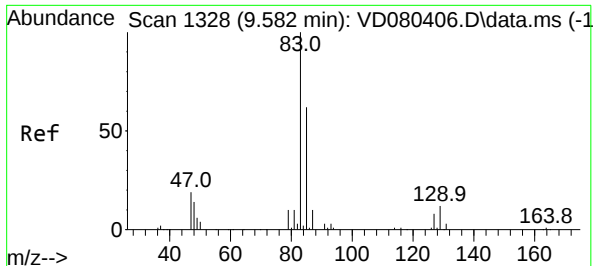
Ion Ratio Lower Upper

93 100

95 82.1 65.7 98.5

174 93.3 74.6 112.0





#47

Bromodichloromethane

Concen: 48.118 ug/l

RT: 9.582 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

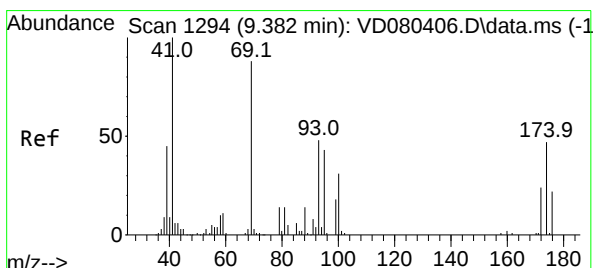
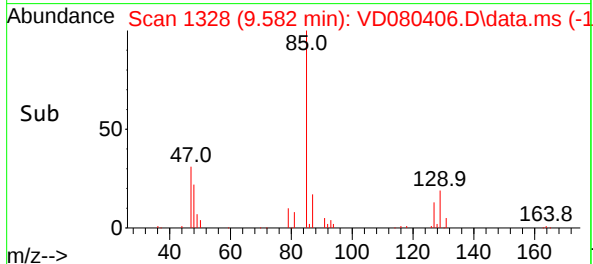
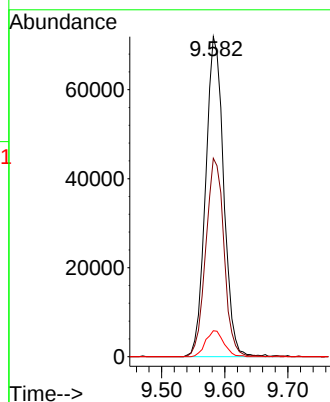
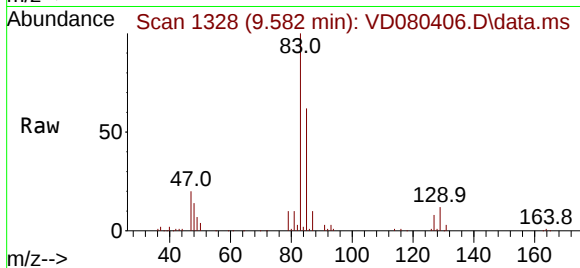
Tgt Ion: 83 Resp: 142576

Ion Ratio Lower Upper

83 100

85 62.0 49.6 74.4

127 8.1 6.5 9.7



#48

Methyl methacrylate

Concen: 49.709 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

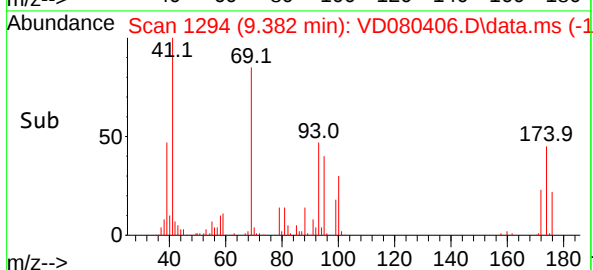
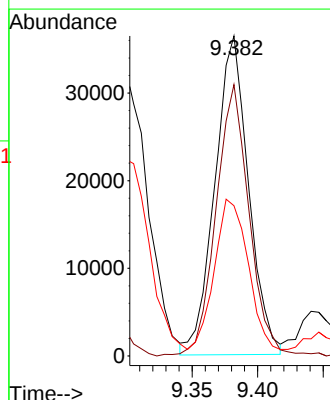
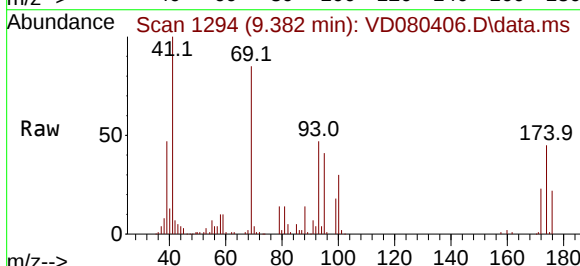
Tgt Ion: 41 Resp: 64915

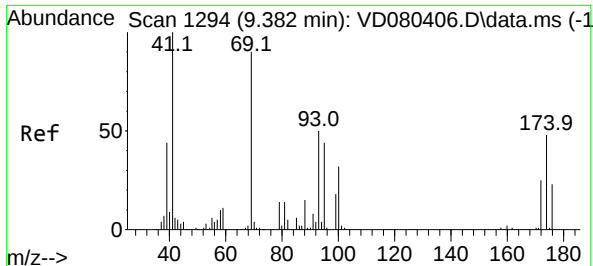
Ion Ratio Lower Upper

41 100

69 83.9 67.1 100.7

39 47.7 38.2 57.2





#49

1,4-Dioxane

Concen: 916.897 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

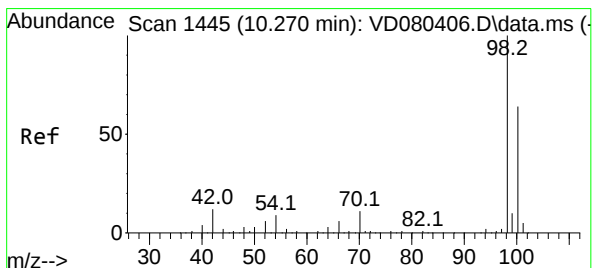
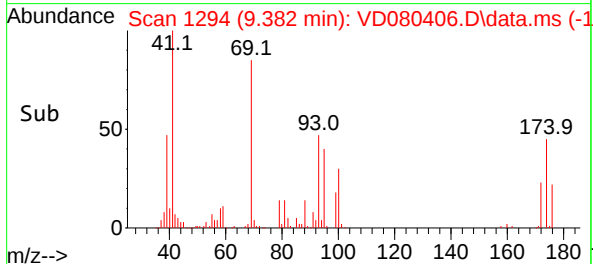
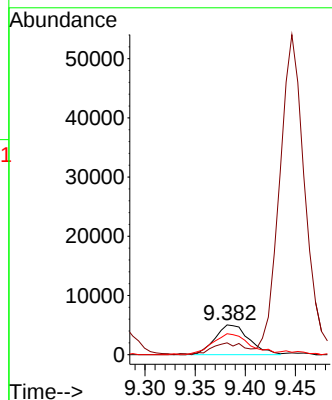
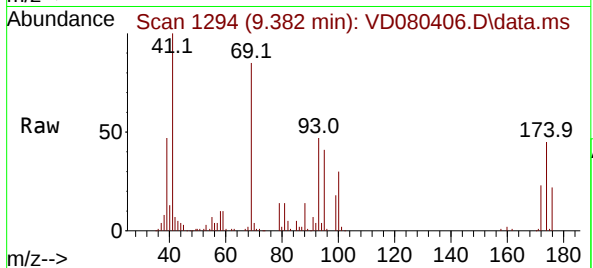
Tgt Ion: 88 Resp: 11933

Ion Ratio Lower Upper

88 100

43 37.4 29.9 44.9

58 77.3 61.8 92.8



#50

Toluene-d8

Concen: 52.338 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080406.D

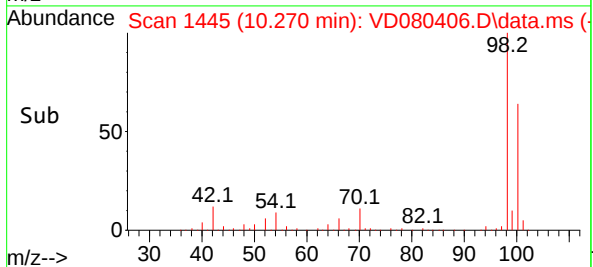
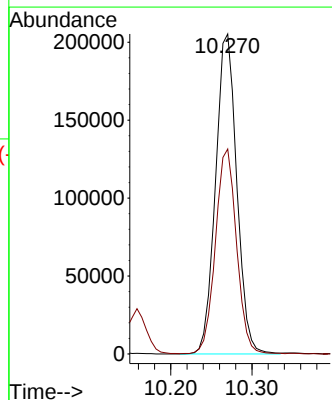
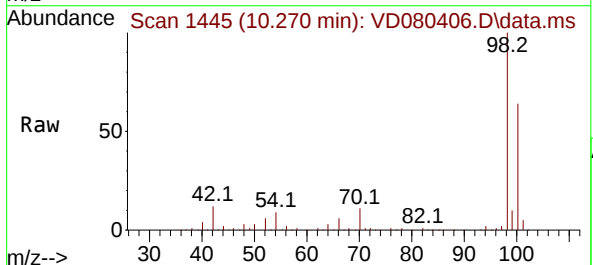
Acq: 04 Jun 2025 09:55

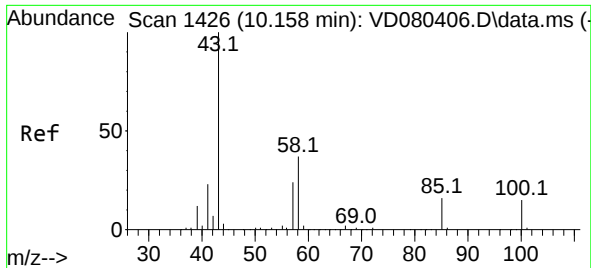
Tgt Ion: 98 Resp: 372891

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3

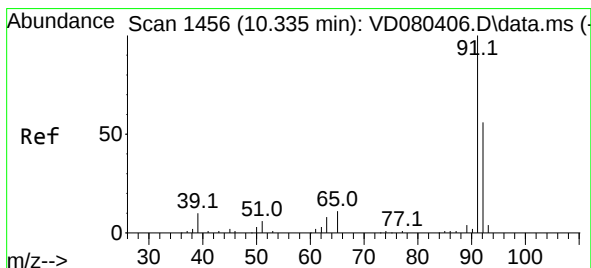
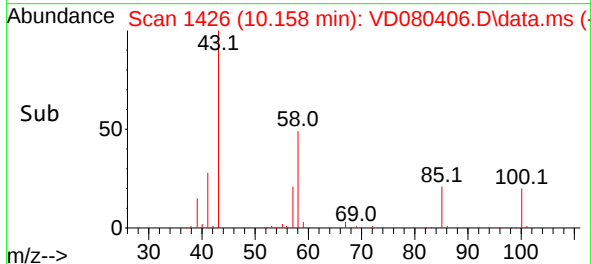
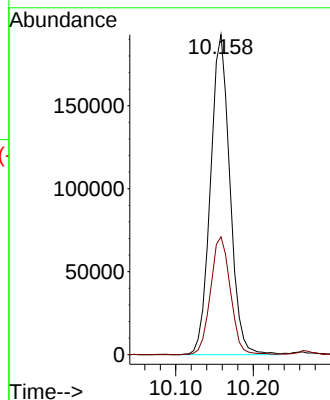
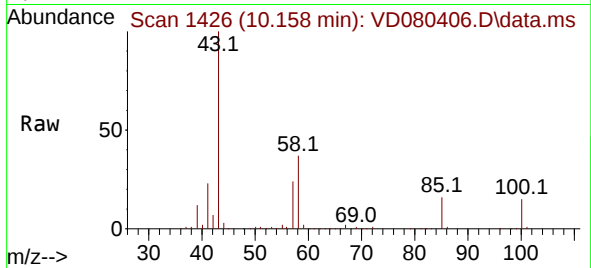




#51
4-Methyl-2-Pentanone
Concen: 246.864 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

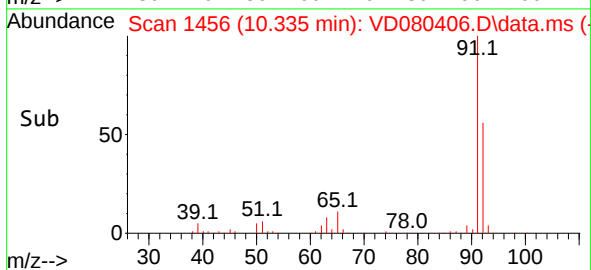
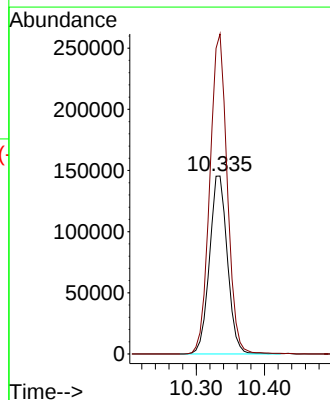
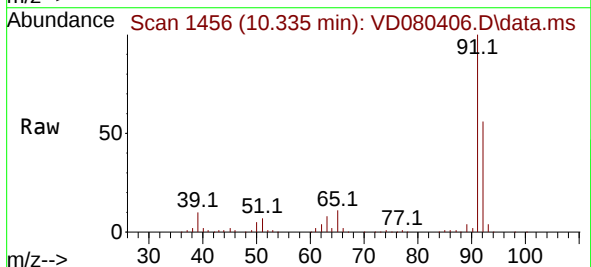
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

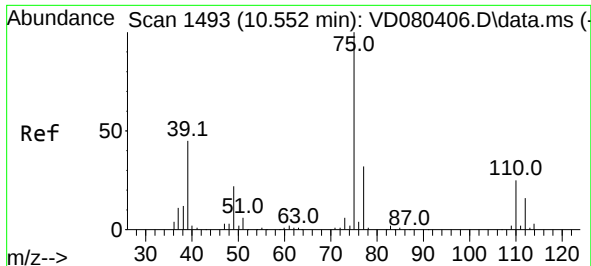
Tgt Ion: 43 Resp: 335806
Ion Ratio Lower Upper
43 100
58 37.7 30.2 45.2



#52
Toluene
Concen: 51.310 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion: 92 Resp: 265581
Ion Ratio Lower Upper
92 100
91 175.6 140.5 210.7

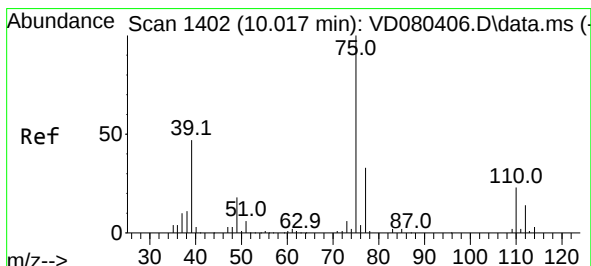
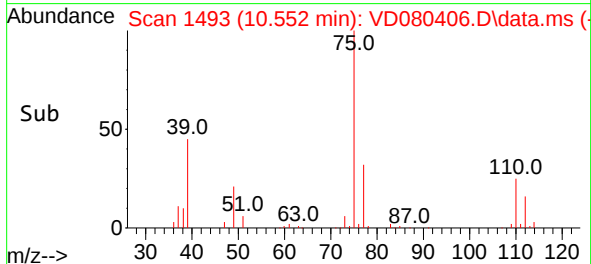
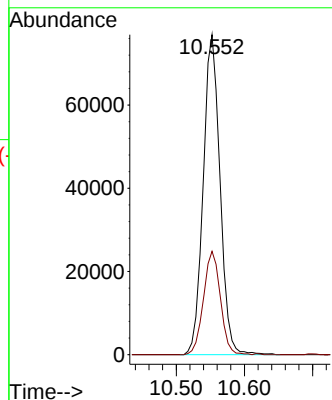
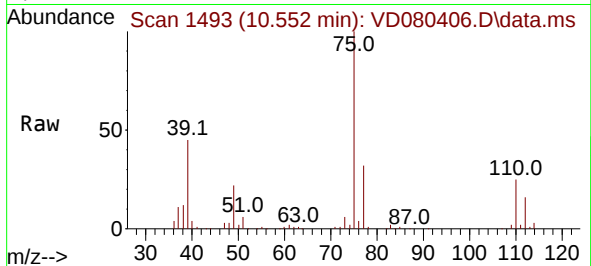




#53
t-1,3-Dichloropropene
Concen: 49.897 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

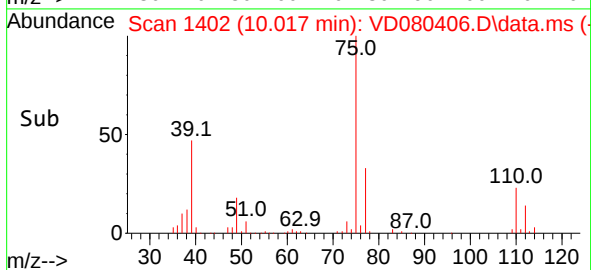
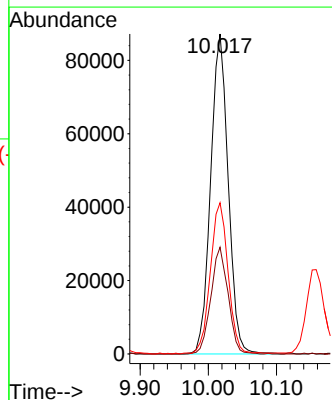
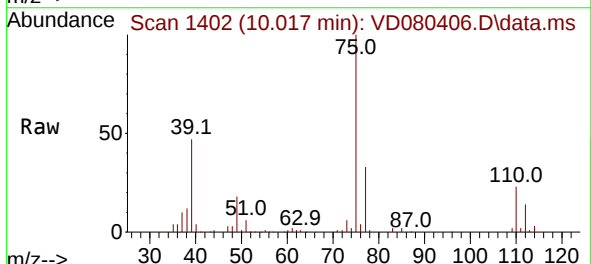
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

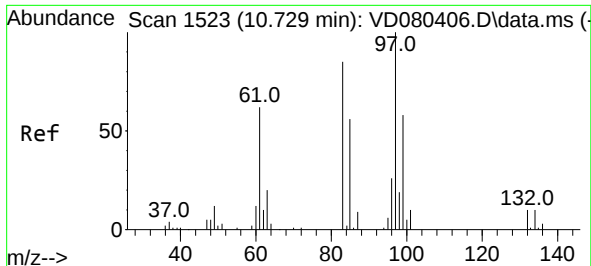
Tgt Ion: 75 Resp: 131921
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 48.783 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion: 75 Resp: 156099
Ion Ratio Lower Upper
75 100
77 33.3 26.6 40.0
39 47.2 37.8 56.6

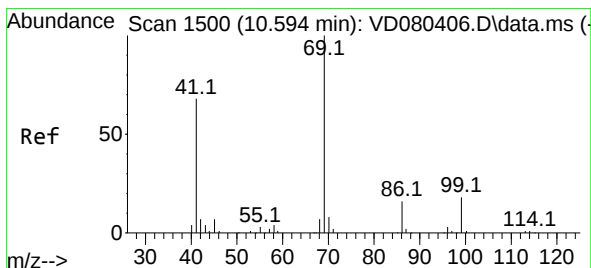
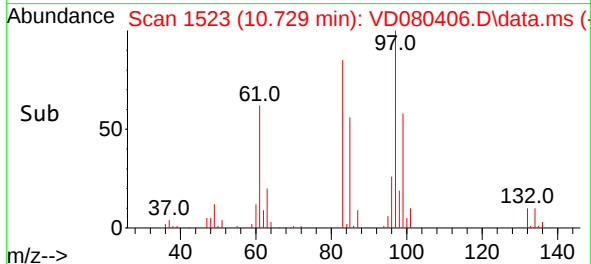
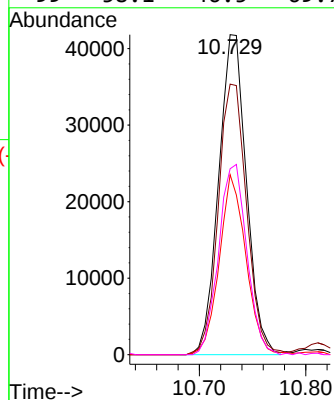
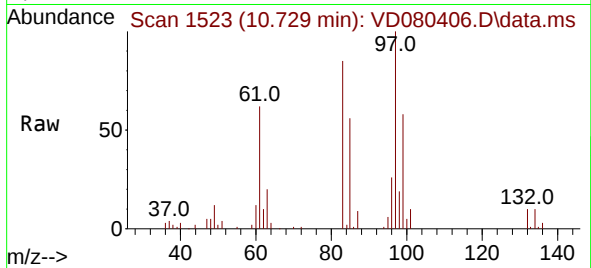




#55
 1,1,2-Trichloroethane
 Concen: 49.914 ug/l
 RT: 10.729 min Scan# 1523
 Delta R.T. 0.000 min
 Lab File: VD080406.D
 Acq: 04 Jun 2025 09:55

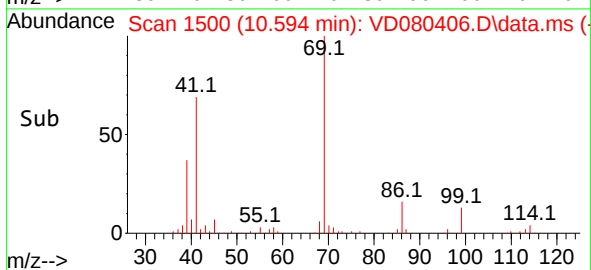
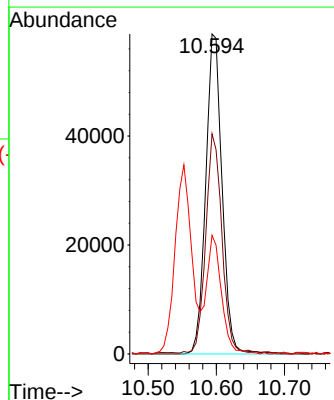
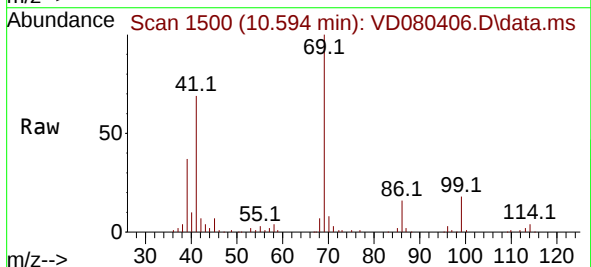
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

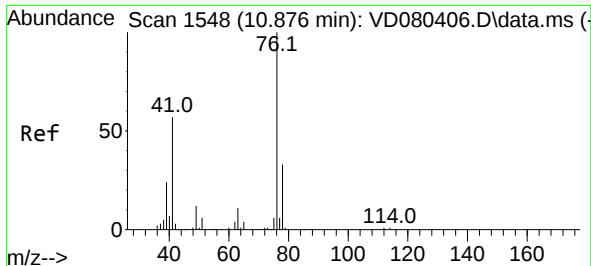
Tgt Ion:	97	Resp:	75825
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.6	101.4
85	56.3	45.0	67.6
99	58.1	46.5	69.7



#56
 Ethyl methacrylate
 Concen: 50.738 ug/l
 RT: 10.594 min Scan# 1500
 Delta R.T. 0.000 min
 Lab File: VD080406.D
 Acq: 04 Jun 2025 09:55

Tgt Ion:	69	Resp:	97973
Ion	Ratio	Lower	Upper
69	100		
41	67.0	53.6	80.4
39	34.0	27.2	40.8

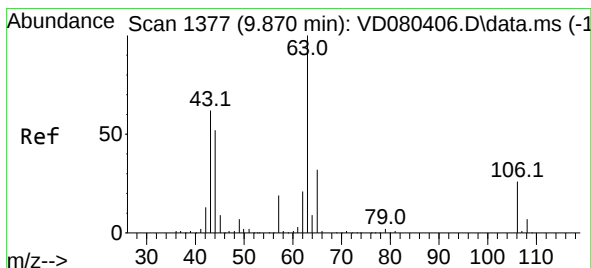
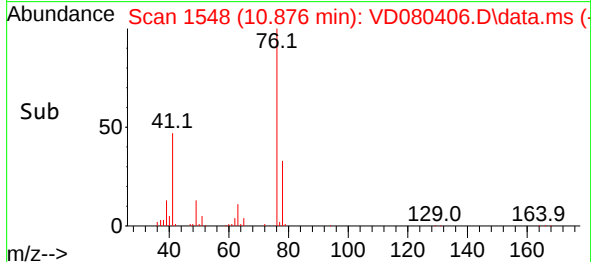
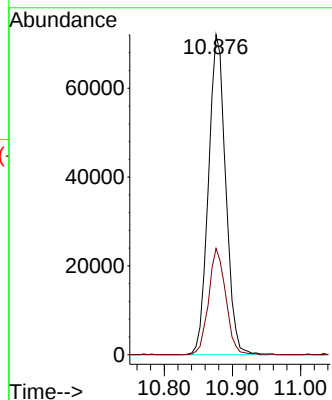
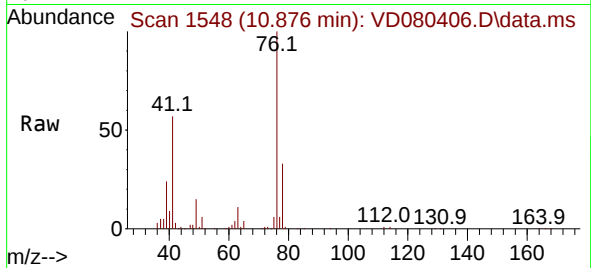




#57
1,3-Dichloropropane
Concen: 48.721 ug/l
RT: 10.876 min Scan# 1548
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

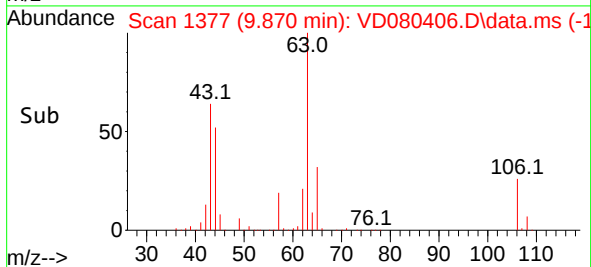
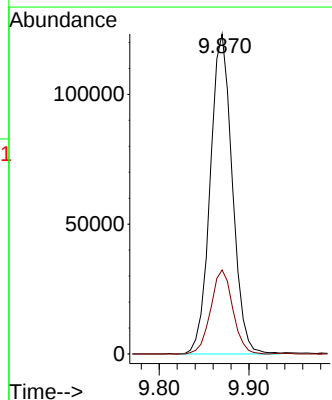
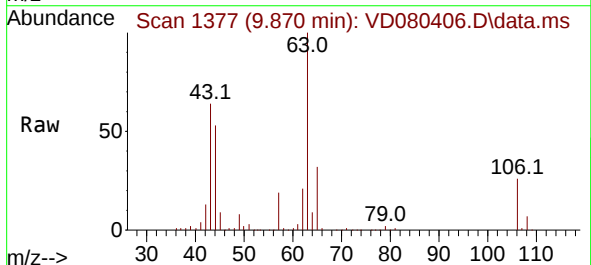
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

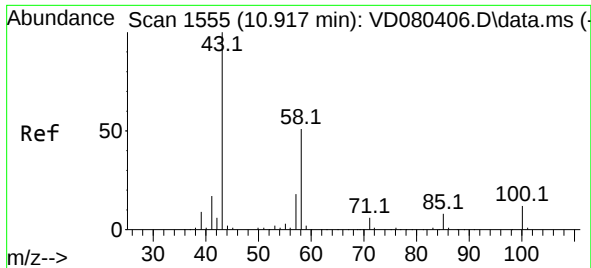
Tgt Ion: 76 Resp: 126953
Ion Ratio Lower Upper
76 100
78 32.9 26.3 39.5



#58
2-Chloroethyl Vinyl ether
Concen: 260.104 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion: 63 Resp: 210481
Ion Ratio Lower Upper
63 100
106 26.3 21.0 31.6

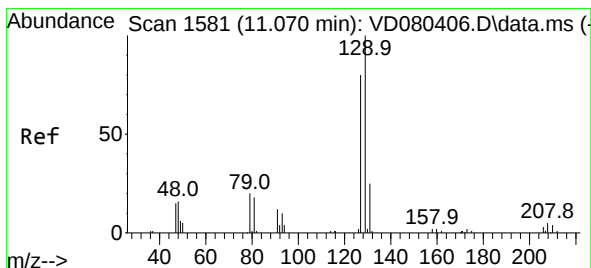
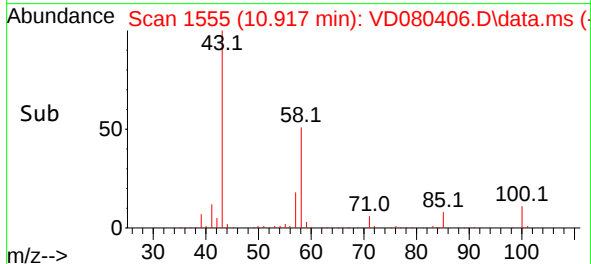
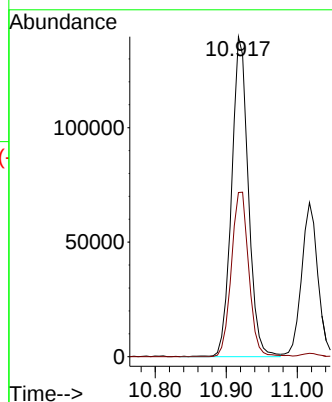
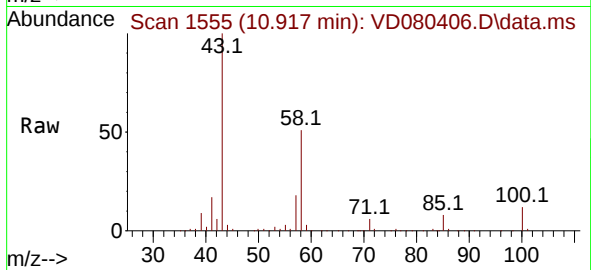




#59
2-Hexanone
Concen: 250.230 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

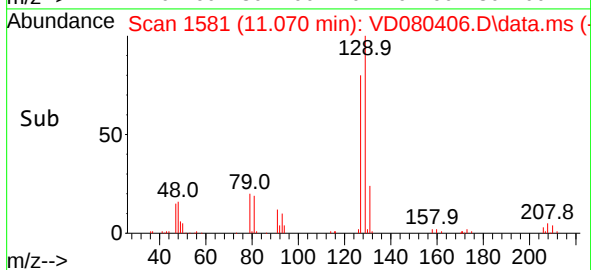
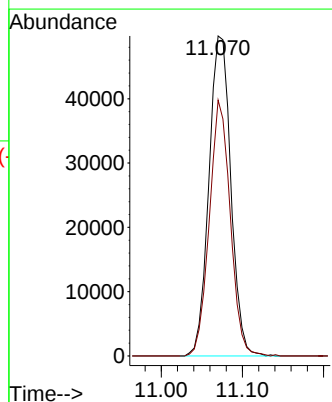
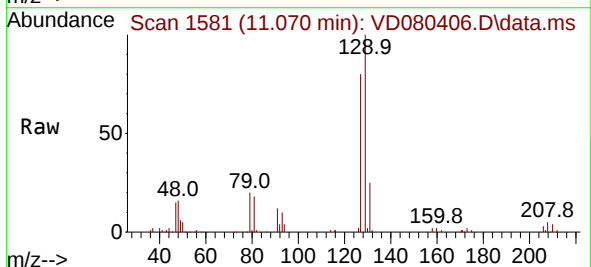
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

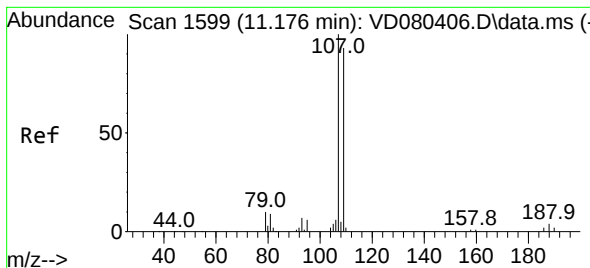
Tgt Ion: 43 Resp: 228647
Ion Ratio Lower Upper
43 100
58 53.7 26.9 80.6



#60
Dibromochloromethane
Concen: 50.055 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion: 129 Resp: 93223
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6

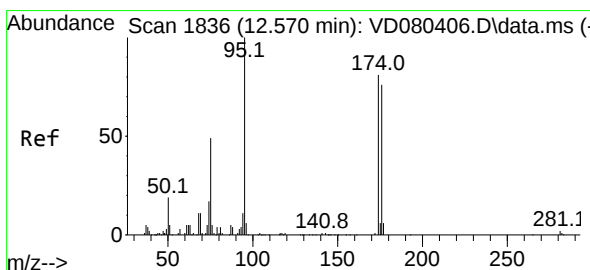
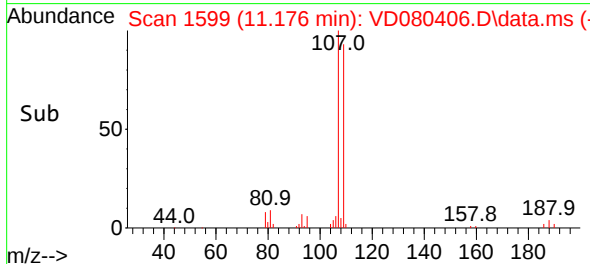
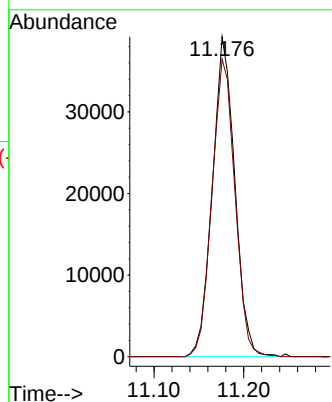
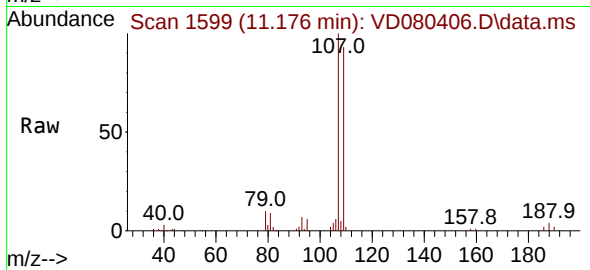




#61
1,2-Dibromoethane
Concen: 50.126 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

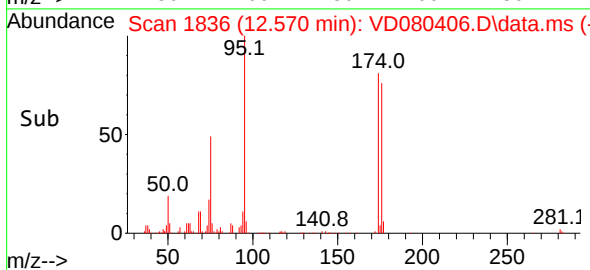
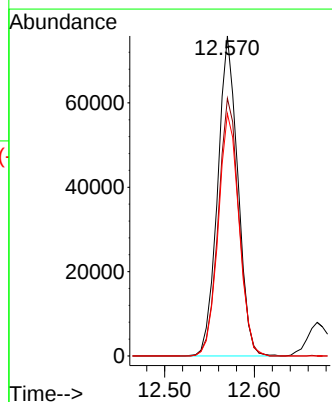
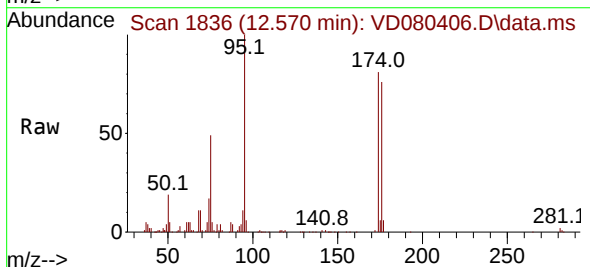
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

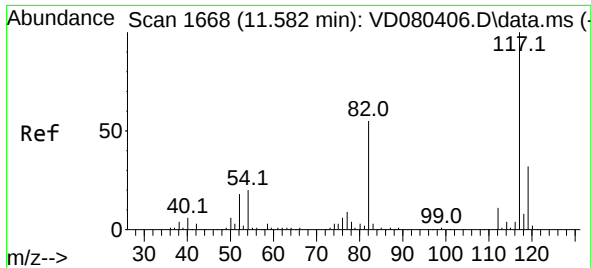
Tgt Ion:107 Resp: 67925
Ion Ratio Lower Upper
107 100
109 95.4 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 53.003 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion: 95 Resp: 118586
Ion Ratio Lower Upper
95 100
174 82.2 0.0 164.4
176 77.9 0.0 155.8

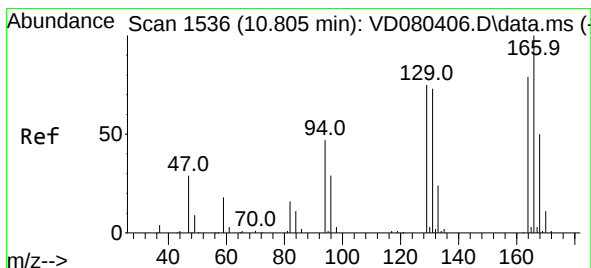
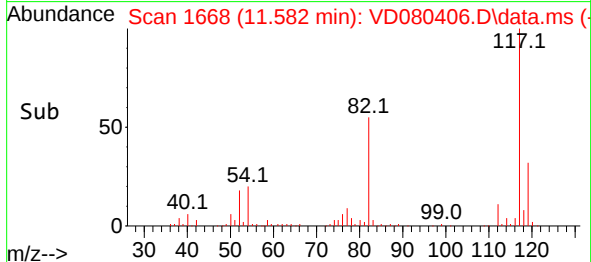
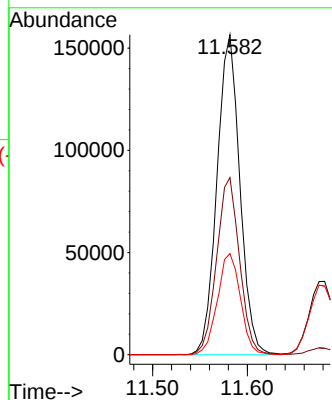
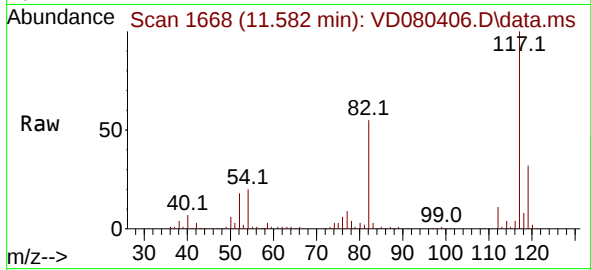




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

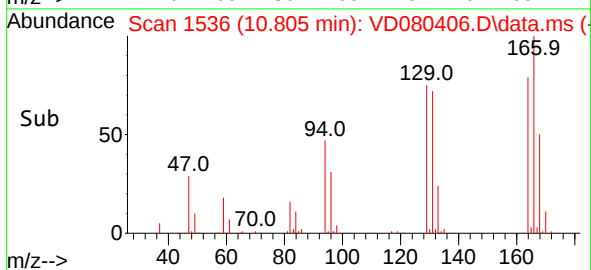
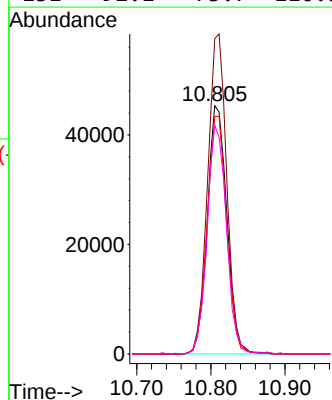
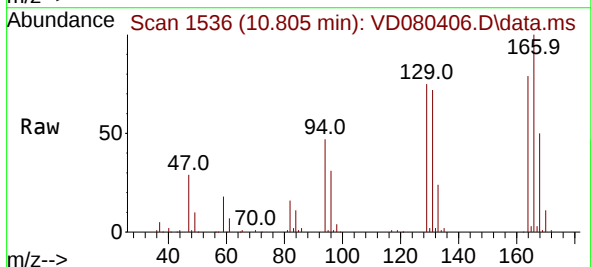
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

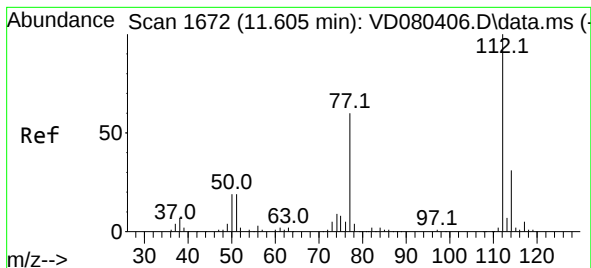
Tgt Ion:117 Resp: 263155
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.6 25.3 37.9



#64
Tetrachloroethene
Concen: 46.819 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion:164 Resp: 82725
Ion Ratio Lower Upper
164 100
166 127.1 101.7 152.5
129 95.7 76.6 114.8
131 92.1 73.7 110.5

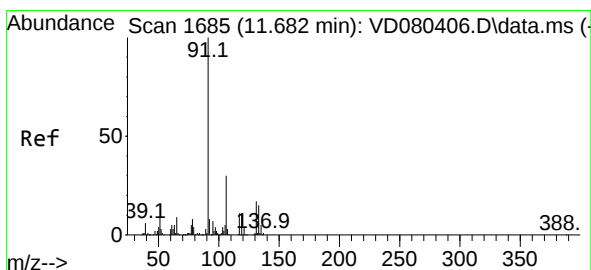
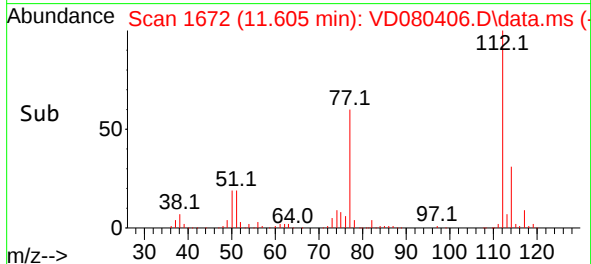
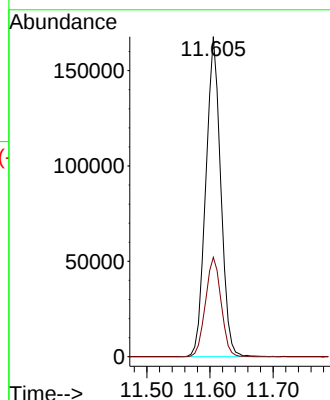
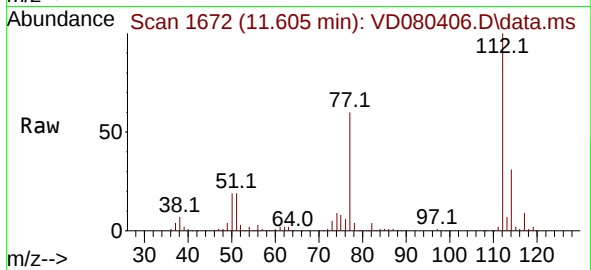




#65
Chlorobenzene
Concen: 47.282 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

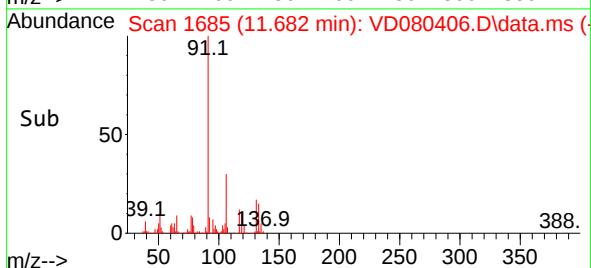
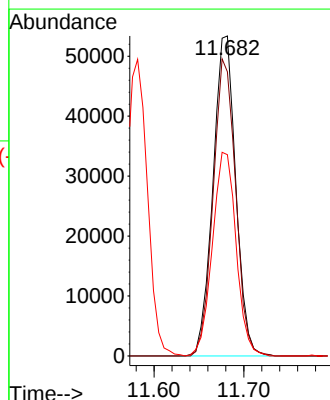
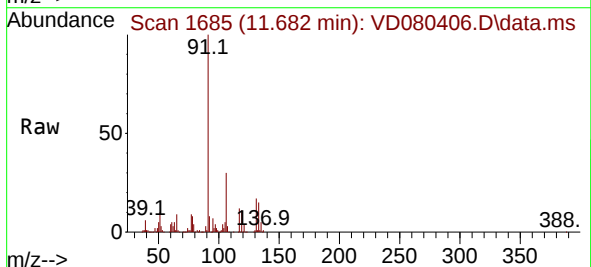
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

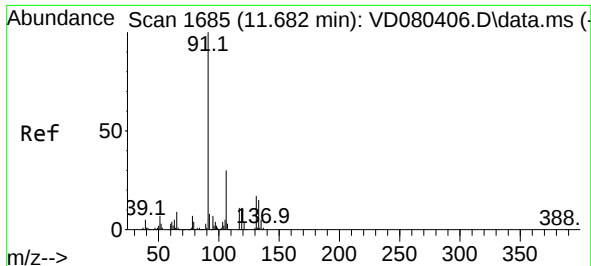
Tgt Ion:112 Resp: 275215
Ion Ratio Lower Upper
112 100
114 31.0 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.179 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion:131 Resp: 94151
Ion Ratio Lower Upper
131 100
133 91.7 45.9 137.6
119 66.3 33.1 99.5





#67

Ethyl Benzene

Concen: 49.025 ug/l

RT: 11.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

Instrument :

MSVOA_D

ClientSampleId :

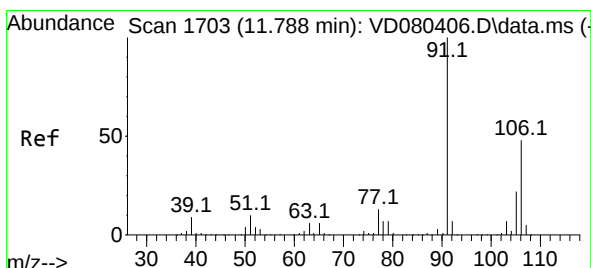
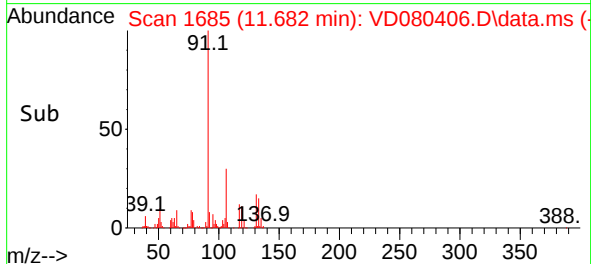
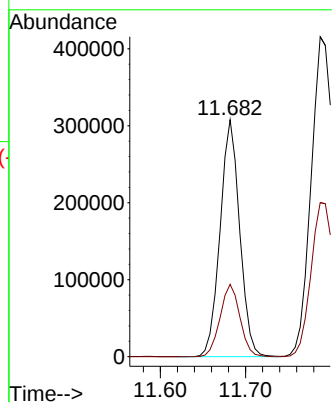
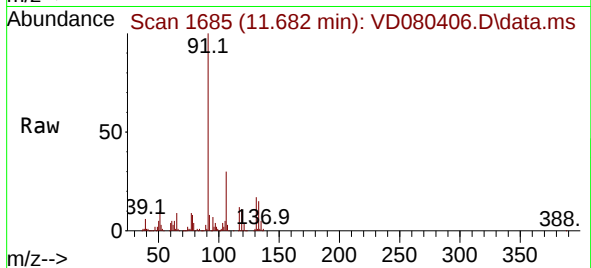
VSTDICCC050

Tgt Ion: 91 Resp: 491057

Ion Ratio Lower Upper

91 100

106 30.5 24.4 36.6



#68

m/p-Xylenes

Concen: 100.702 ug/l

RT: 11.788 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD080406.D

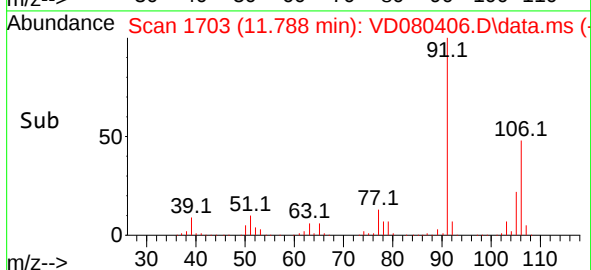
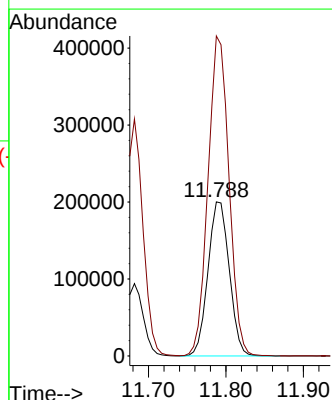
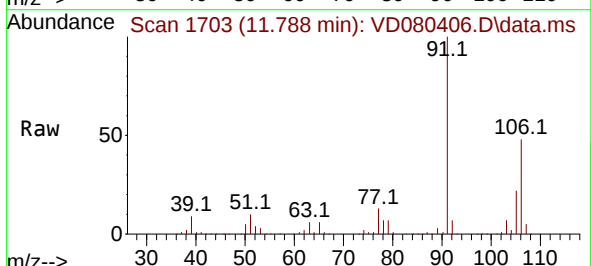
Acq: 04 Jun 2025 09:55

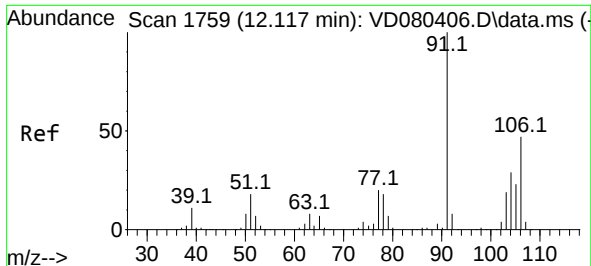
Tgt Ion: 106 Resp: 382777

Ion Ratio Lower Upper

106 100

91 204.5 163.6 245.4

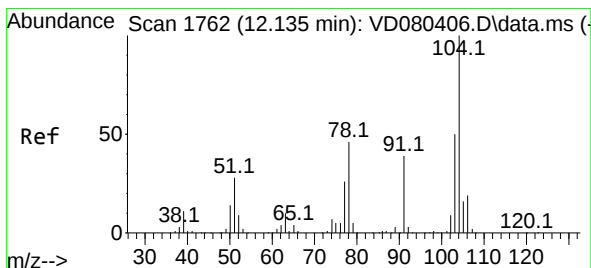
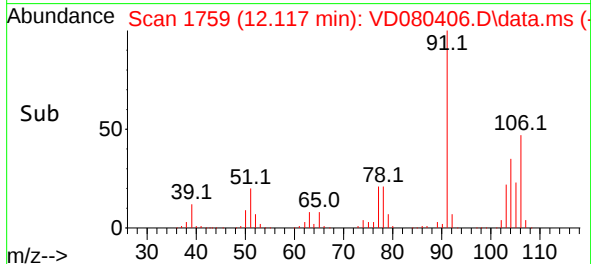
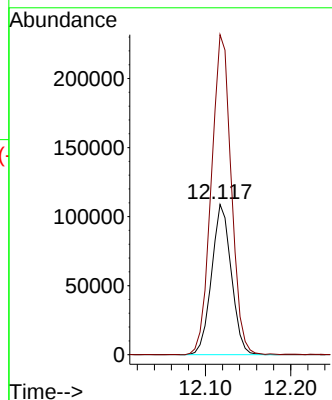
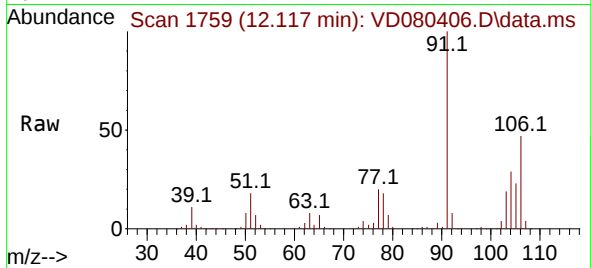




#69
o-Xylene
Concen: 49.361 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

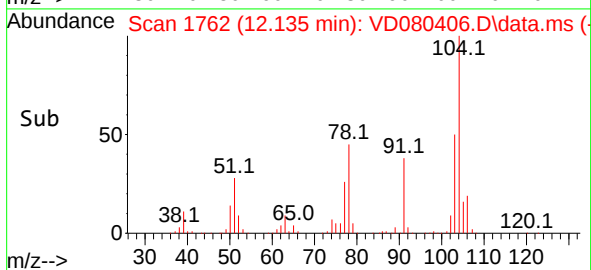
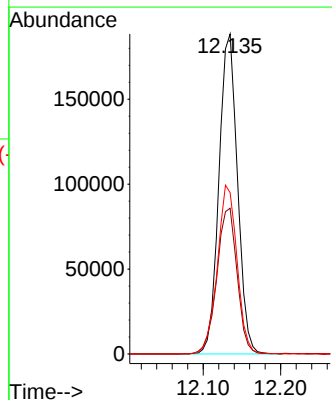
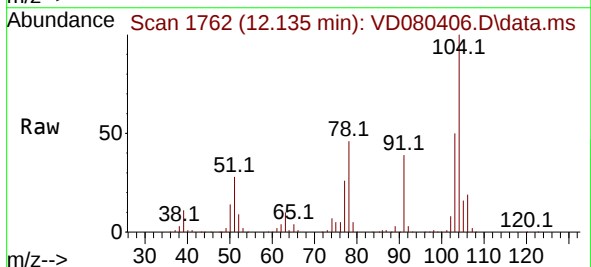
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

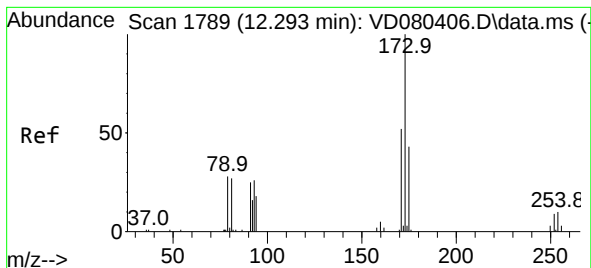
Tgt Ion:106 Resp: 174097
Ion Ratio Lower Upper
106 100
91 216.4 108.2 324.6



#70
Styrene
Concen: 50.301 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion:104 Resp: 313134
Ion Ratio Lower Upper
104 100
78 49.9 39.9 59.9
103 56.2 45.0 67.4





#71

Bromoform

Concen: 48.892 ug/l

RT: 12.293 min Scan# 1789

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

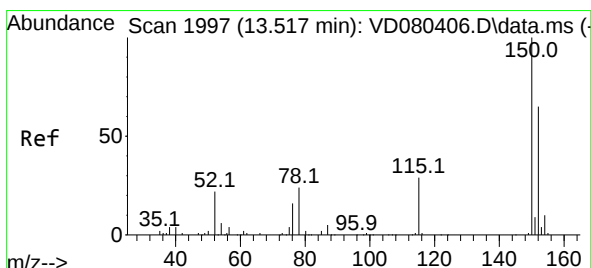
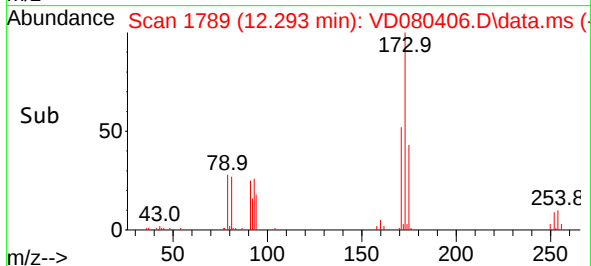
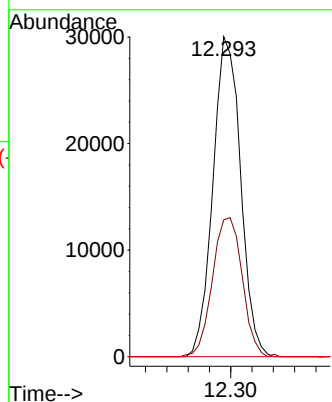
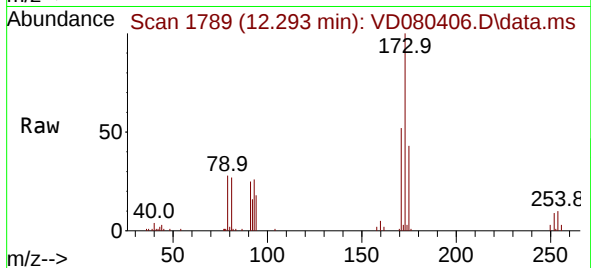
Tgt Ion:173 Resp: 54013

Ion Ratio Lower Upper

173 100

175 46.8 23.4 70.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.517 min Scan# 1997

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

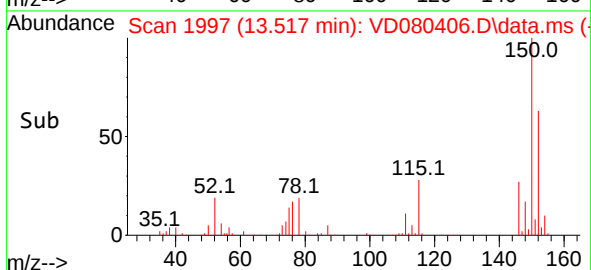
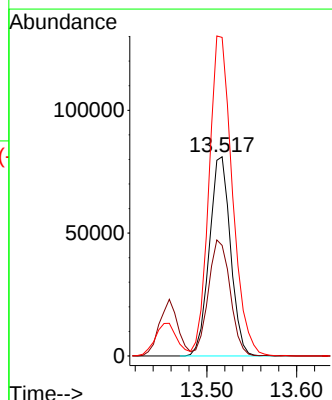
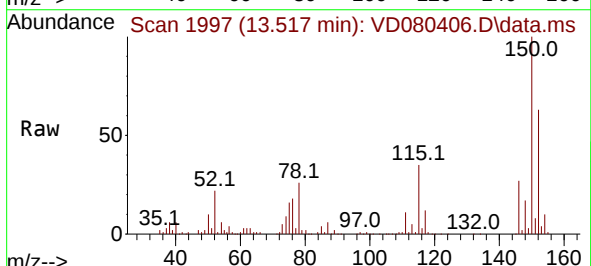
Tgt Ion:152 Resp: 132729

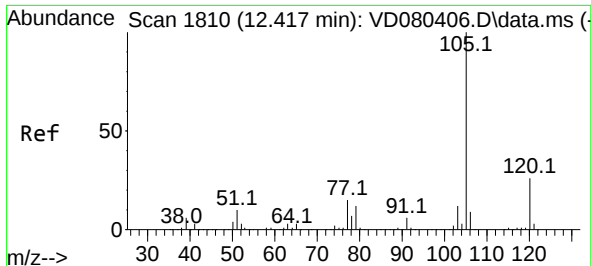
Ion Ratio Lower Upper

152 100

115 60.3 30.1 90.5

150 177.1 0.0 354.2

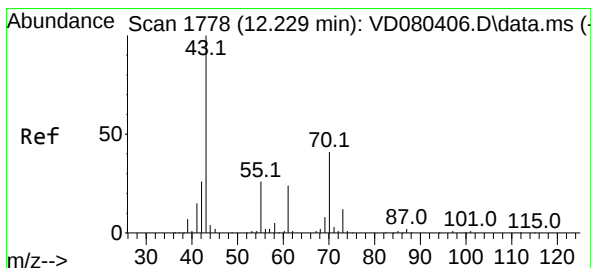
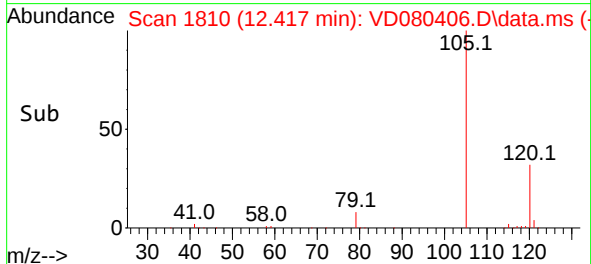
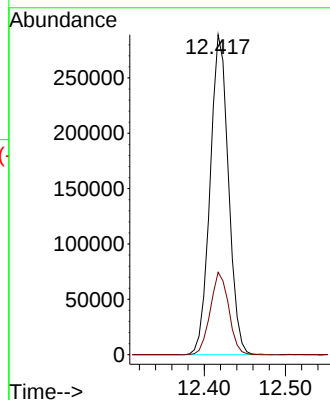
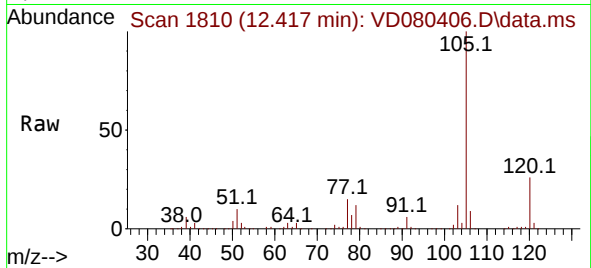




#73
Isopropylbenzene
Concen: 50.356 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

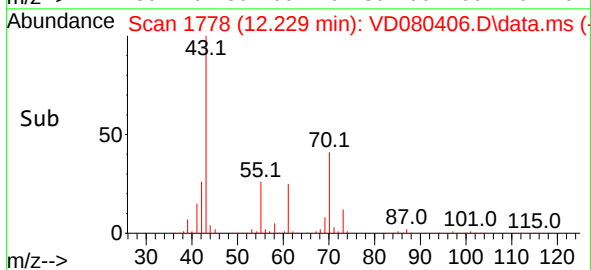
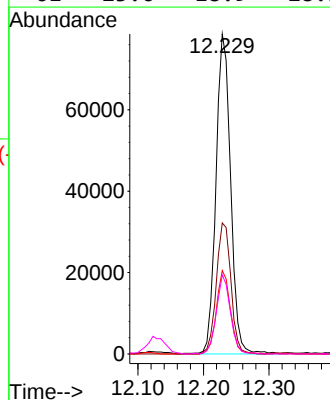
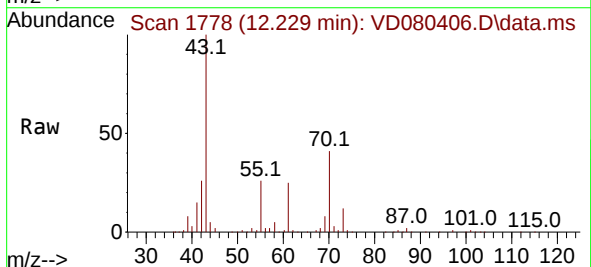
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

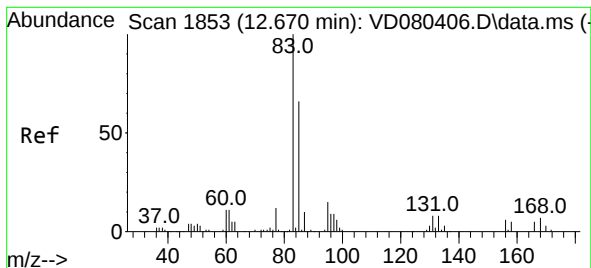
Tgt Ion:105 Resp: 453685
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7



#74
N-ethyl acetate
Concen: 48.415 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion: 43 Resp: 121789
Ion Ratio Lower Upper
43 100
70 40.7 32.6 48.8
55 25.0 20.0 30.0
61 23.6 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.486 ug/l

RT: 12.670 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

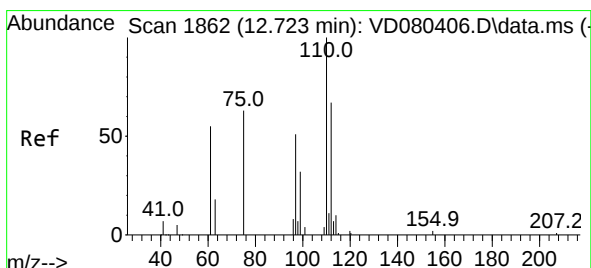
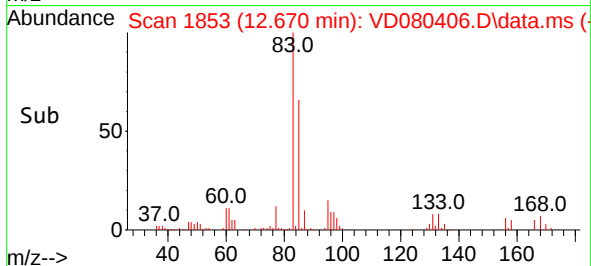
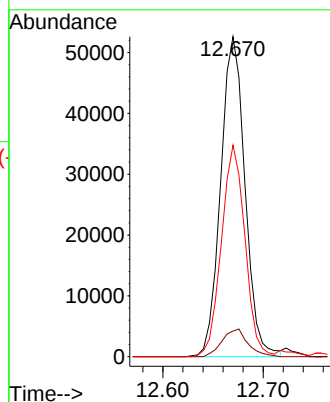
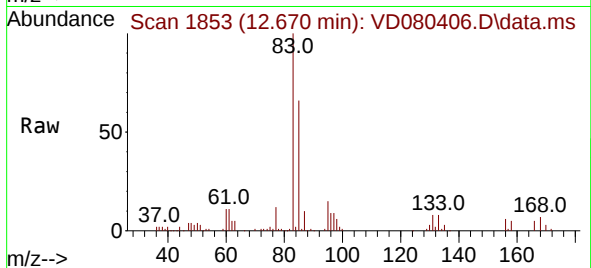
Tgt Ion: 83 Resp: 88494

Ion Ratio Lower Upper

83 100

131 9.2 4.6 13.8

85 63.9 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 72.940 ug/l

RT: 12.723 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VD080406.D

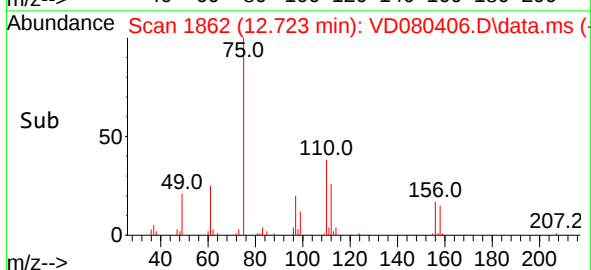
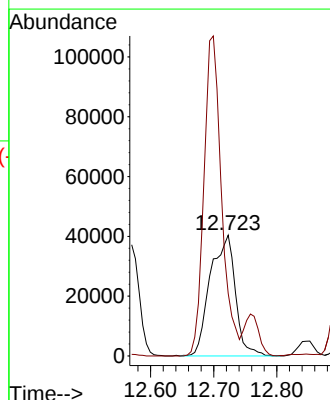
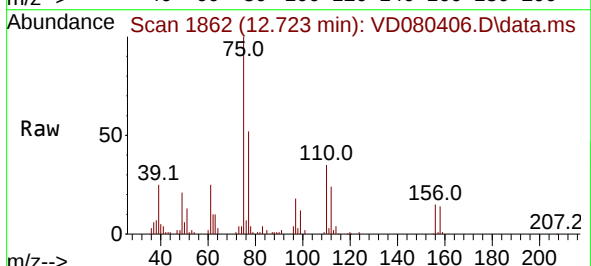
Acq: 04 Jun 2025 09:55

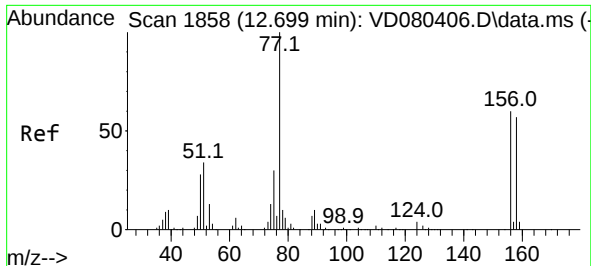
Tgt Ion: 75 Resp: 111808

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

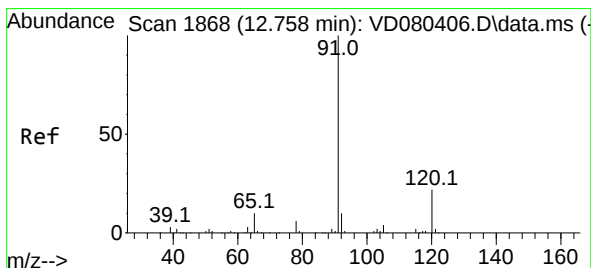
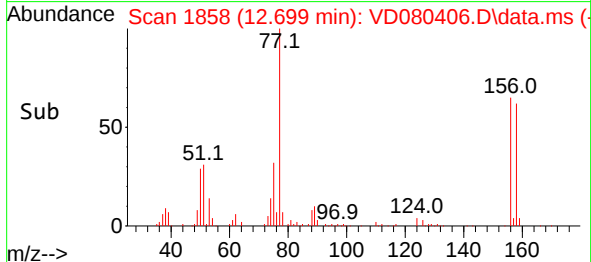
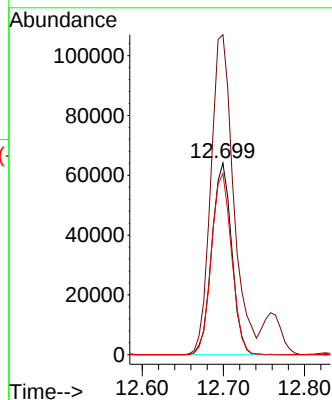
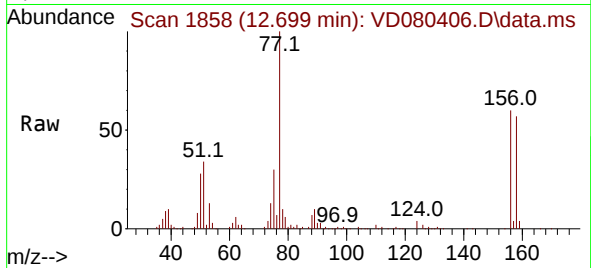




#77
Bromobenzene
Concen: 48.736 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

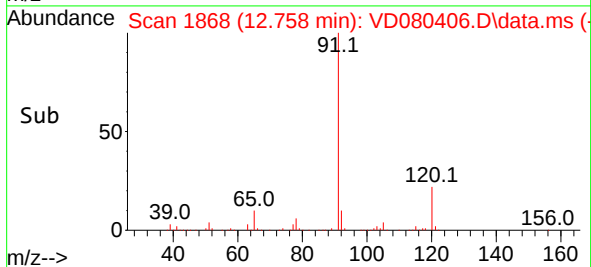
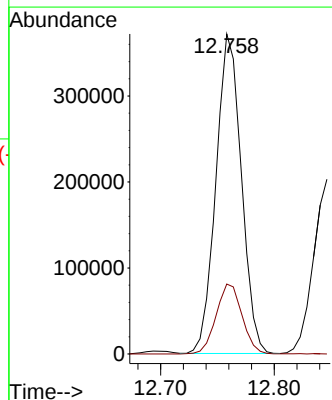
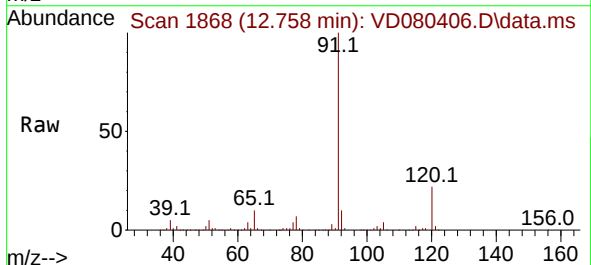
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

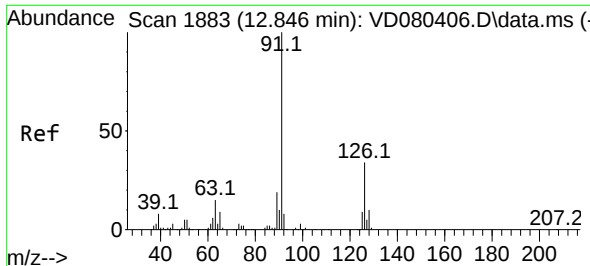
Tgt Ion:156 Resp: 108880
Ion Ratio Lower Upper
156 100
77 190.7 95.3 286.1
158 96.0 48.0 144.0



#78
n-propylbenzene
Concen: 49.381 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion: 91 Resp: 577769
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.5

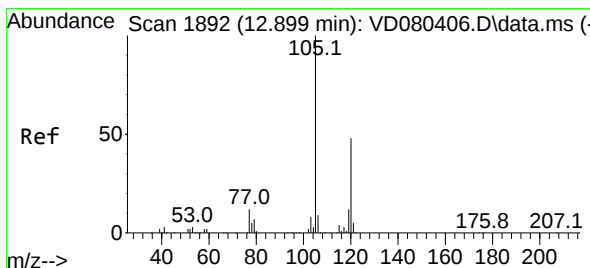
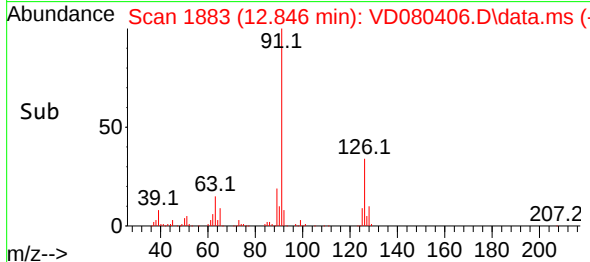
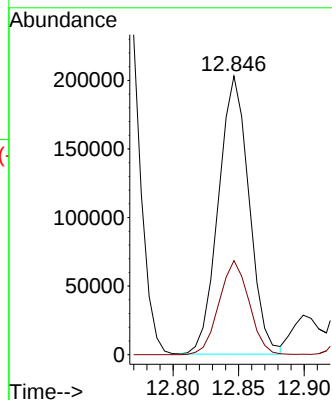
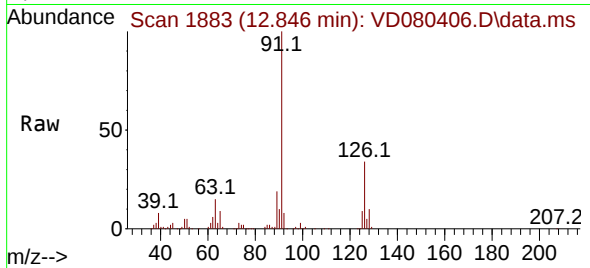




#79
2-Chlorotoluene
Concen: 49.364 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

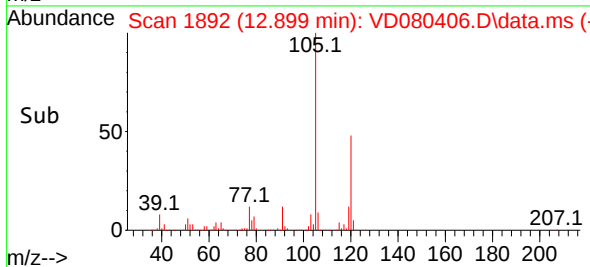
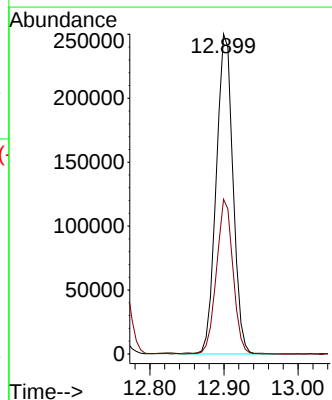
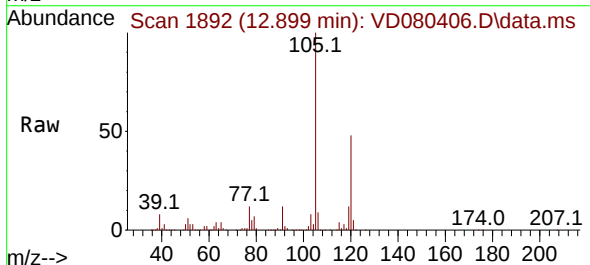
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

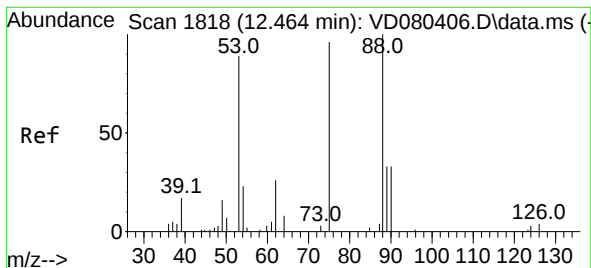
Tgt Ion: 91 Resp: 330212
Ion Ratio Lower Upper
91 100
126 33.0 16.5 49.5



#80
1,3,5-Trimethylbenzene
Concen: 50.926 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion: 105 Resp: 392774
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.4

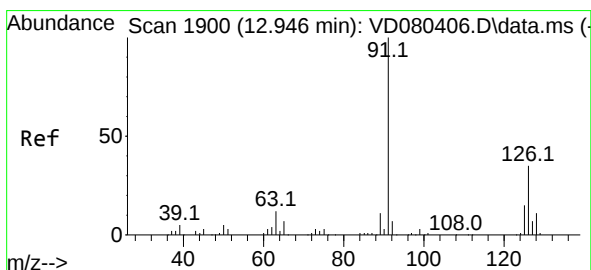
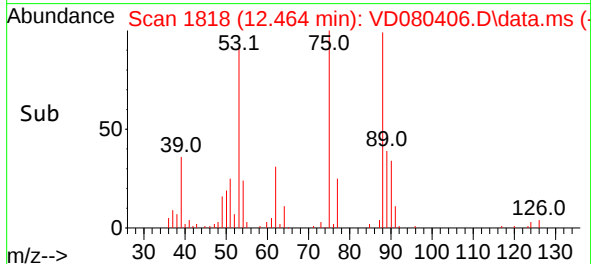
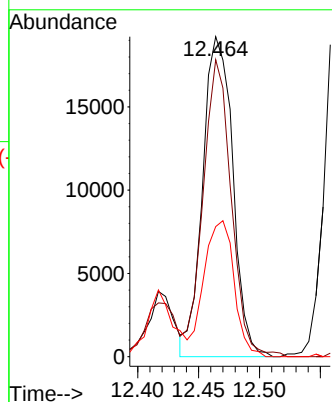
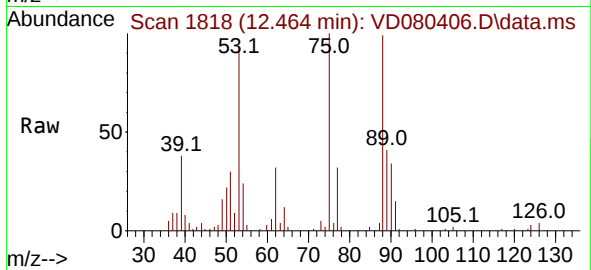




#81
trans-1,4-Dichloro-2-butene
Concen: 48.089 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

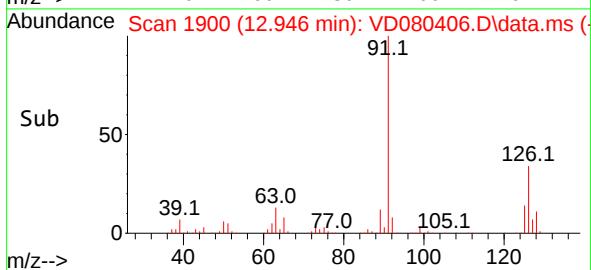
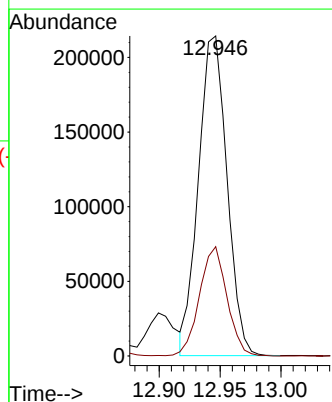
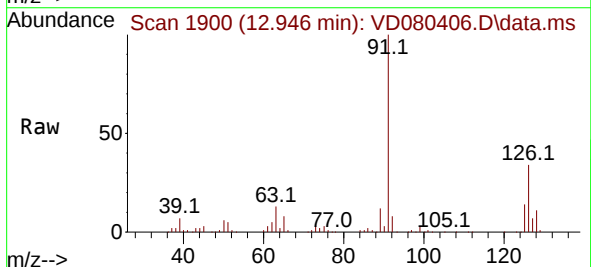
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

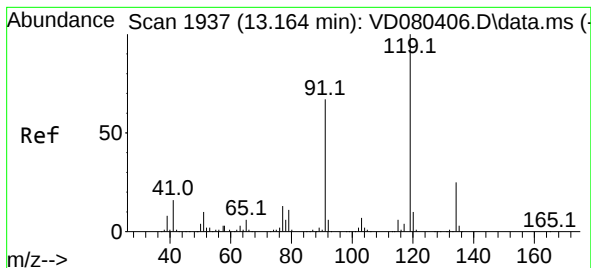
Tgt Ion: 75 Resp: 32928
Ion Ratio Lower Upper
75 100
53 87.4 69.9 104.9
89 42.6 34.1 51.1



#82
4-Chlorotoluene
Concen: 49.174 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion: 91 Resp: 350182
Ion Ratio Lower Upper
91 100
126 33.0 16.5 49.5





#83

tert-Butylbenzene

Concen: 49.674 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

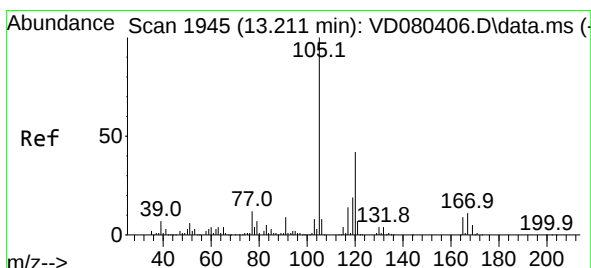
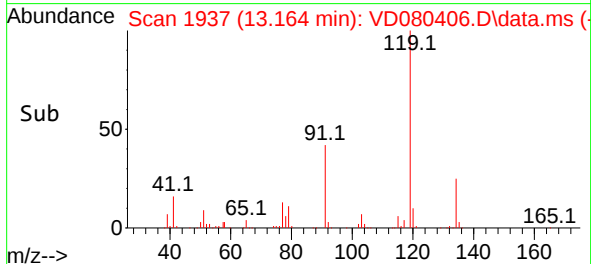
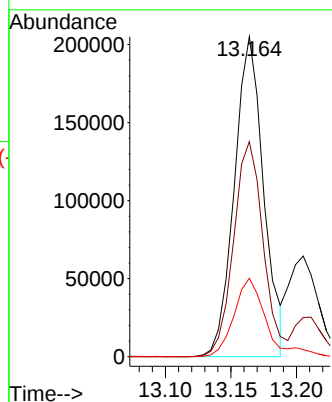
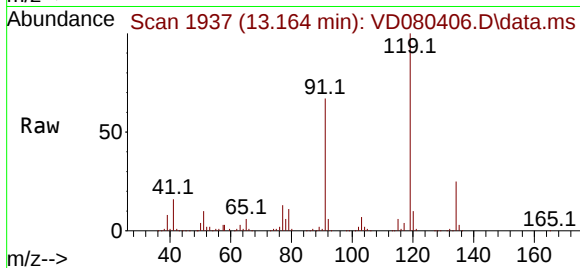
Tgt Ion:119 Resp: 318899

Ion Ratio Lower Upper

119 100

91 68.3 34.2 102.5

134 26.8 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 50.886 ug/l

RT: 13.211 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VD080406.D

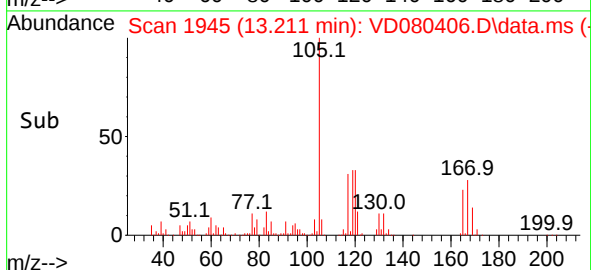
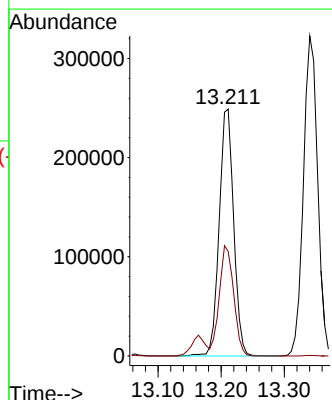
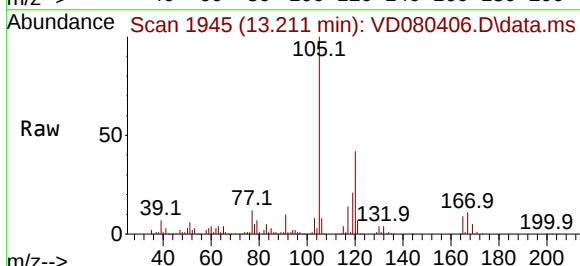
Acq: 04 Jun 2025 09:55

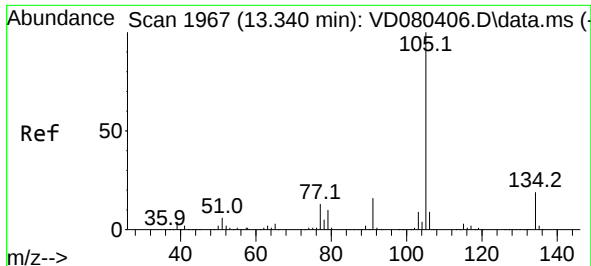
Tgt Ion:105 Resp: 396130

Ion Ratio Lower Upper

105 100

120 44.3 22.1 66.5

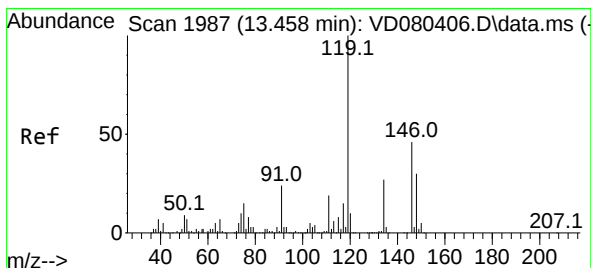
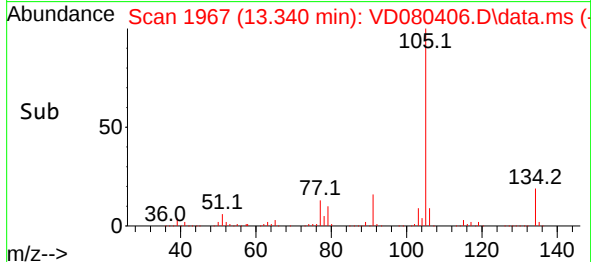
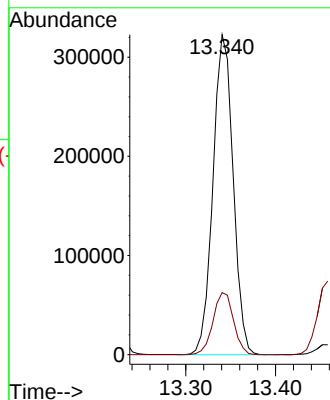
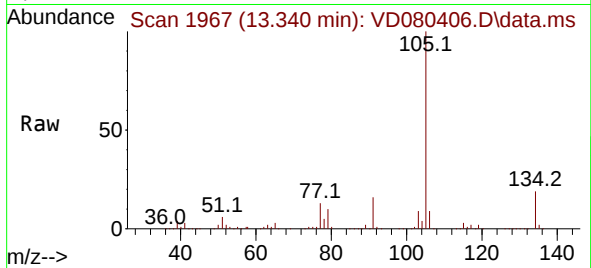




#85
 sec-Butylbenzene
 Concen: 51.114 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080406.D
 Acq: 04 Jun 2025 09:55

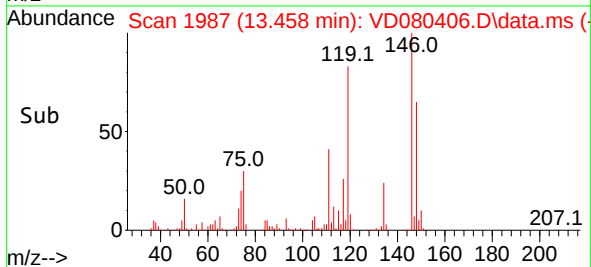
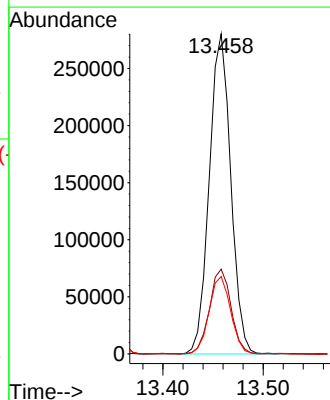
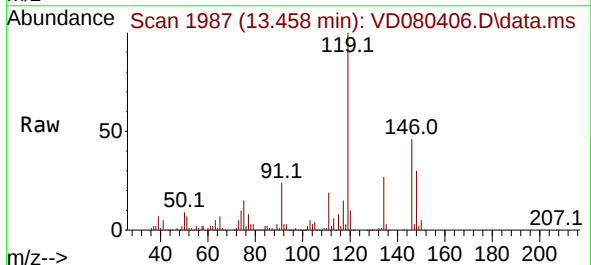
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

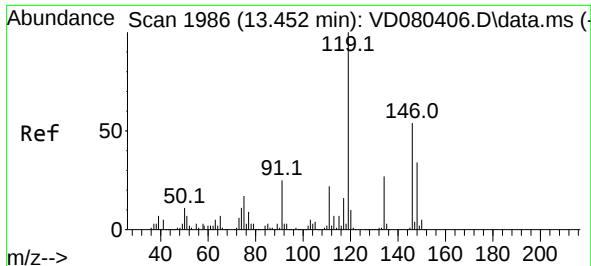
Tgt Ion:105 Resp: 503361
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 50.070 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080406.D
 Acq: 04 Jun 2025 09:55

Tgt Ion:119 Resp: 418124
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 24.1 12.0 36.1

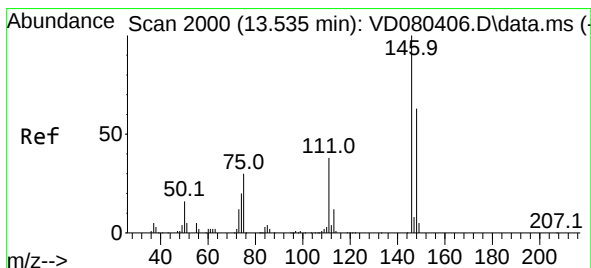
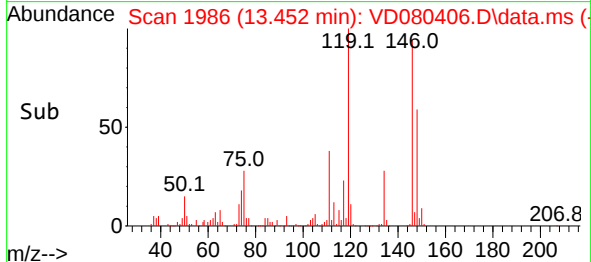
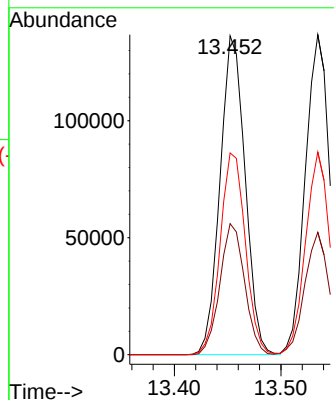
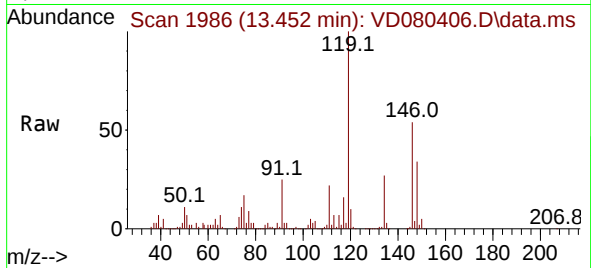




#87
1,3-Dichlorobenzene
Concen: 49.014 ug/l
RT: 13.452 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

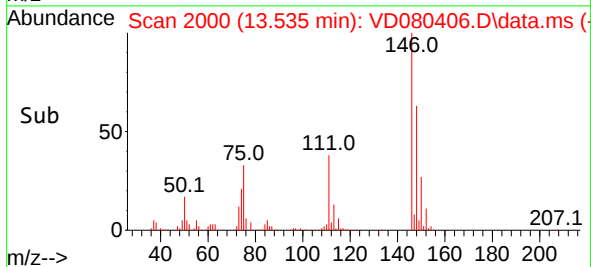
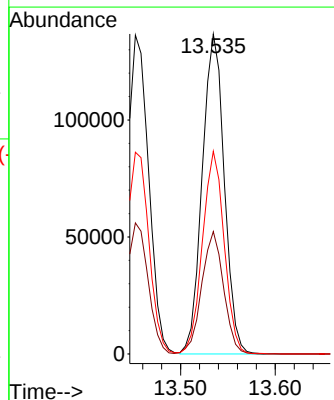
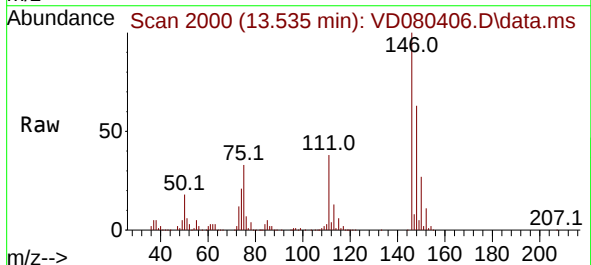
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

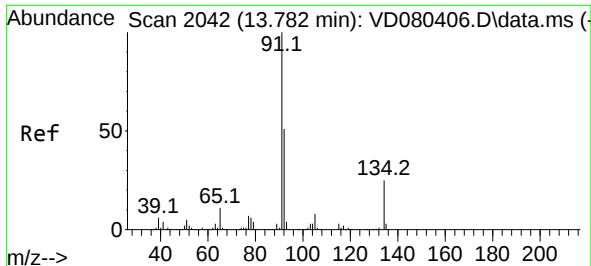
Tgt Ion:146 Resp: 222987
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.8
148 63.8 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 47.726 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion:146 Resp: 221167
Ion Ratio Lower Upper
146 100
111 38.0 19.0 57.0
148 62.4 31.2 93.6

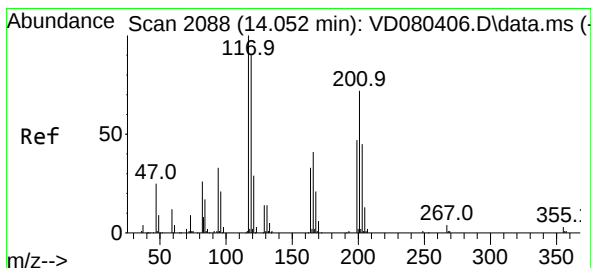
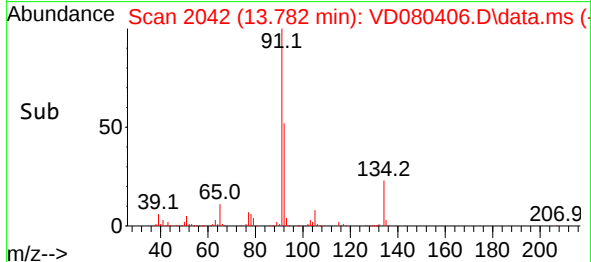
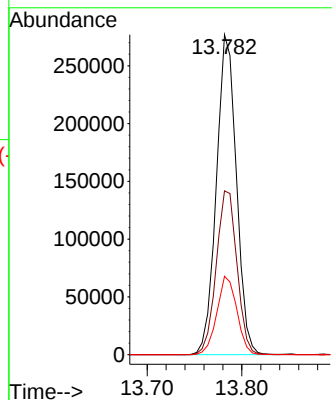
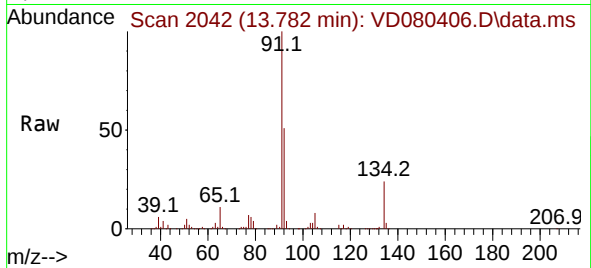




#89
n-Butylbenzene
Concen: 49.471 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

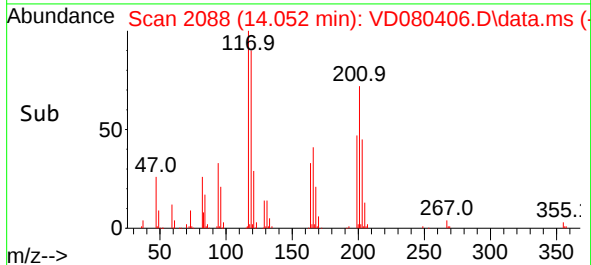
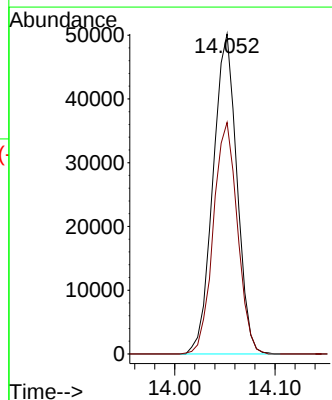
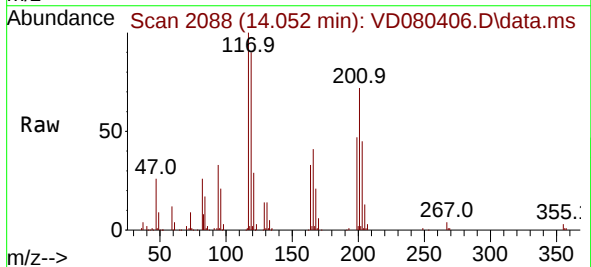
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

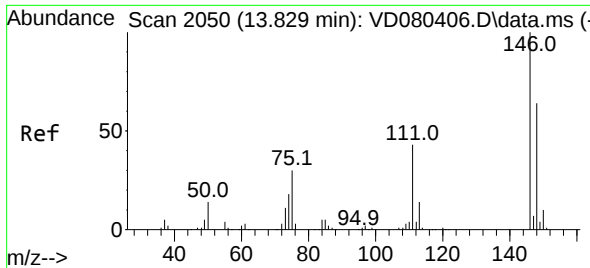
Tgt Ion: 91 Resp: 407636
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 24.5 12.3 36.8



#90
Hexachloroethane
Concen: 47.139 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion: 117 Resp: 82798
Ion Ratio Lower Upper
117 100
201 73.2 36.6 109.8

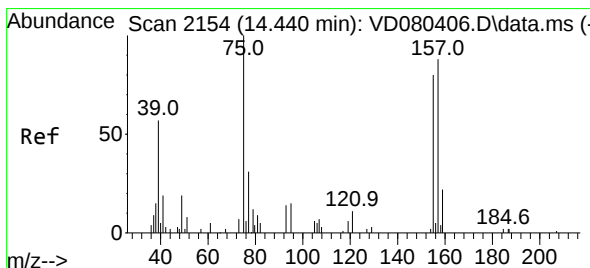
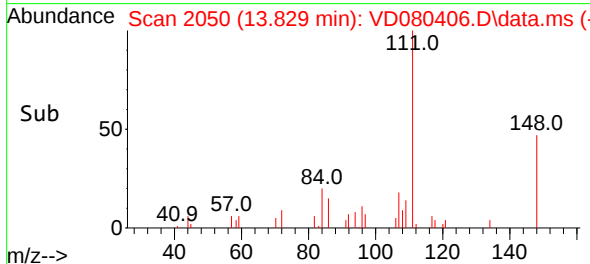
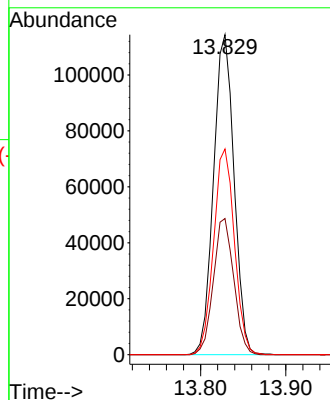
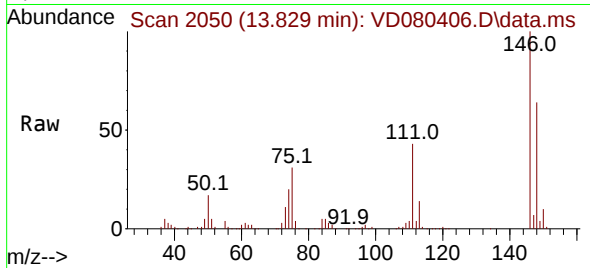




#91
1,2-Dichlorobenzene
Concen: 47.770 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

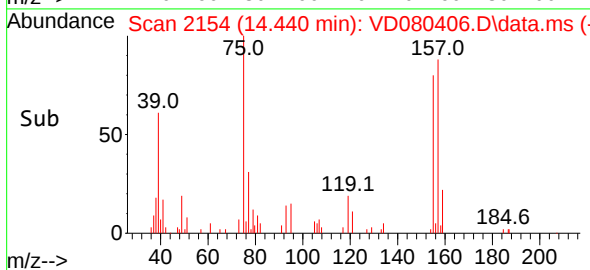
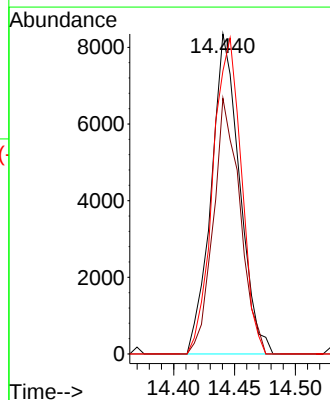
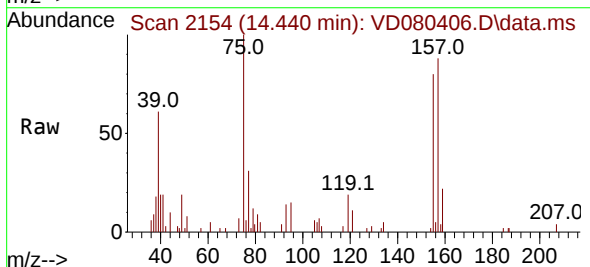
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

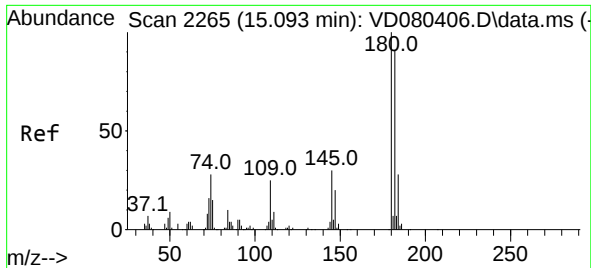
Tgt Ion:146 Resp: 191538
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.3
148 65.2 32.6 97.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.855 ug/l
RT: 14.440 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VD080406.D
Acq: 04 Jun 2025 09:55

Tgt Ion: 75 Resp: 13538
Ion Ratio Lower Upper
75 100
155 75.3 37.6 112.9
157 99.0 49.5 148.5

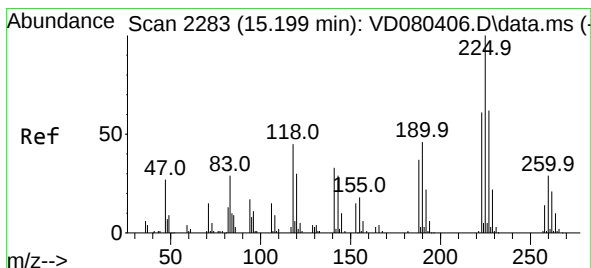
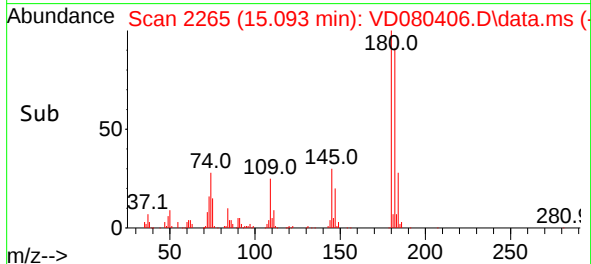
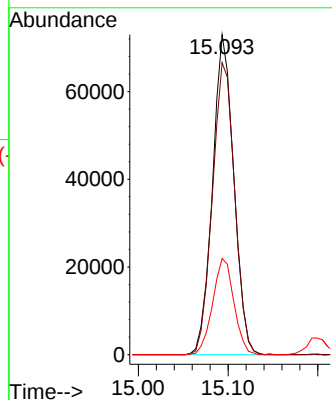
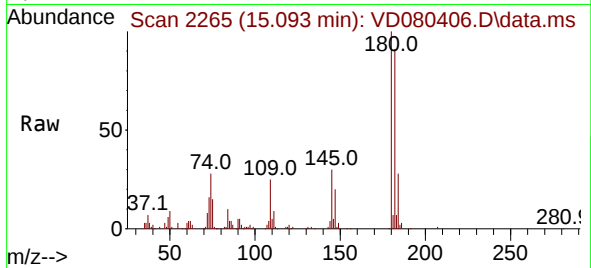




#93
 1,2,4-Trichlorobenzene
 Concen: 48.908 ug/l
 RT: 15.093 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: VD080406.D
 Acq: 04 Jun 2025 09:55

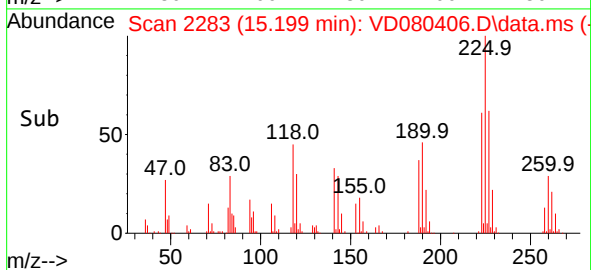
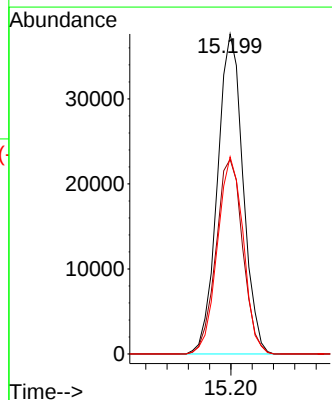
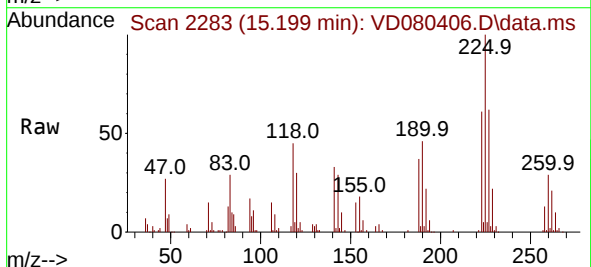
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

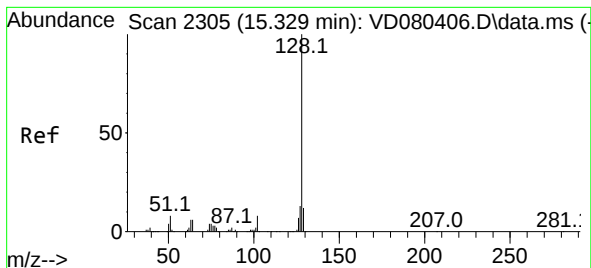
Tgt Ion:180 Resp: 119888
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.6 142.8
 145 30.1 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 51.447 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: VD080406.D
 Acq: 04 Jun 2025 09:55

Tgt Ion:225 Resp: 62831
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.6 95.0
 227 62.1 31.1 93.2





#95

Naphthalene

Concen: 49.642 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

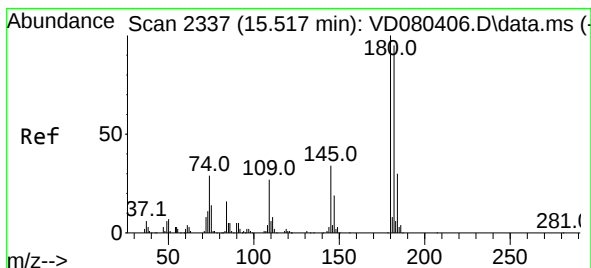
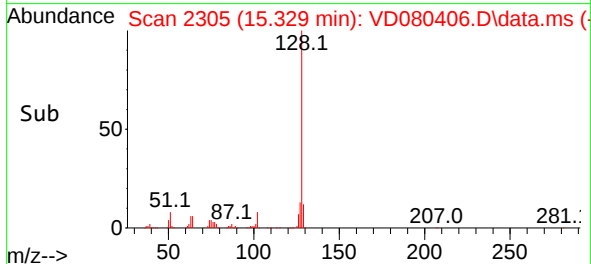
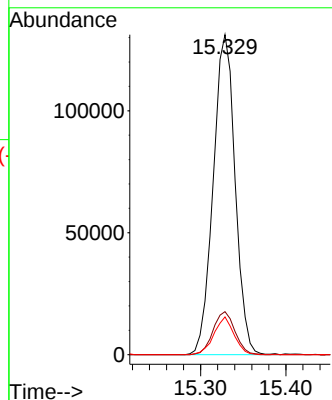
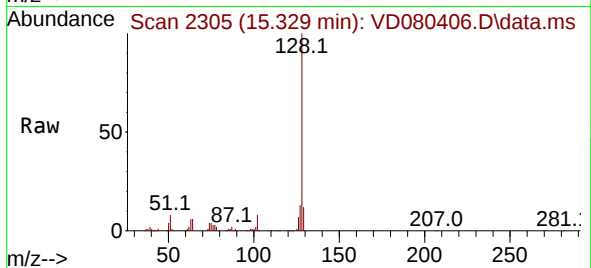
Tgt Ion:128 Resp: 234205

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 11.8 9.4 14.2



#96

1,2,3-Trichlorobenzene

Concen: 49.382 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080406.D

Acq: 04 Jun 2025 09:55

Tgt Ion:180 Resp: 108384

Ion Ratio Lower Upper

180 100

182 94.7 47.3 142.0

145 33.0 16.5 49.5

