

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060425\
 Data File : VD080408.D
 Acq On : 04 Jun 2025 10:46
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 05 02:00:53 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	196456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	326584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	297758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	152527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	330786	138.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 277.540%#	
35) Dibromofluoromethane	7.805	113	308421	151.113	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 302.220%#	
50) Toluene-d8	10.270	98	1274612	159.843	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 319.680%#	
62) 4-Bromofluorobenzene	12.570	95	419581	167.556	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 335.120%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.935	85	293578	137.301	ug/l	100
3) Chloromethane	2.153	50	481980	127.710	ug/l	99
4) Vinyl Chloride	2.288	62	566405	133.750	ug/l	97
5) Bromomethane	2.682	94	341594	128.423	ug/l	96
6) Chloroethane	2.835	64	359766	131.278	ug/l	99
7) Trichlorofluoromethane	3.176	101	526677	137.669	ug/l	100
8) Diethyl Ether	3.594	74	183981	145.443	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.964	101	311448	136.893	ug/l	99
10) Methyl Iodide	4.164	142	396366	171.136	ug/l	96
11) Tert butyl alcohol	5.059	59	107855	723.756	ug/l #	94
12) 1,1-Dichloroethene	3.941	96	338568	145.354	ug/l	98
13) Acrolein	3.794	56	165316	727.322	ug/l	96
14) Allyl chloride	4.559	41	600731	152.895	ug/l	99
15) Acrylonitrile	5.247	53	433617	749.544	ug/l	97
16) Acetone	4.017	43	314182	645.284	ug/l	95
17) Carbon Disulfide	4.270	76	1142823	140.955	ug/l	99
18) Methyl Acetate	4.559	43	244434	152.642	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	836062	160.479	ug/l	99
20) Methylene Chloride	4.800	84	382868	134.695	ug/l	95
21) trans-1,2-Dichloroethene	5.306	96	375486	149.320	ug/l	99
22) Diisopropyl ether	6.217	45	1202519	154.796	ug/l	95
23) Vinyl Acetate	6.153	43	3551366	790.190	ug/l	100
24) 1,1-Dichloroethane	6.111	63	667796	142.142	ug/l	98
25) 2-Butanone	7.076	43	535531	751.185	ug/l	96
26) 2,2-Dichloropropane	7.076	77	542357	144.973	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	435643	153.823	ug/l	100
28) Bromochloromethane	7.423	49	289329	139.180	ug/l #	99
29) Tetrahydrofuran	7.441	42	356281	776.788	ug/l	100
30) Chloroform	7.594	83	661599	145.077	ug/l	96
31) Cyclohexane	7.876	56	611949	143.974	ug/l	97
32) 1,1,1-Trichloroethane	7.794	97	552416	144.851	ug/l	99
36) 1,1-Dichloropropene	8.005	75	484397	151.430	ug/l	100
37) Ethyl Acetate	7.164	43	241027	153.774	ug/l	98
38) Carbon Tetrachloride	7.988	117	473237	146.361	ug/l	98
39) Methylcyclohexane	9.270	83	619047	163.377	ug/l	97
40) Benzene	8.252	78	1529008	153.513	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	146800	152.057	ug/l	92
42) 1,2-Dichloroethane	8.323	62	393138	144.985	ug/l	100
43) Isopropyl Acetate	8.358	43	469327	157.488	ug/l	99
44) Trichloroethene	9.029	130	352264	152.695	ug/l	100
45) 1,2-Dichloropropane	9.305	63	372383	151.825	ug/l	98
46) Dibromomethane	9.394	93	199425	152.723	ug/l	99
47) Bromodichloromethane	9.582	83	498671	150.366	ug/l	97
48) Methyl methacrylate	9.376	41	242365	165.821	ug/l	98
49) 1,4-Dioxane	9.382	88	47180	3238.972	ug/l	92
51) 4-Methyl-2-Pentanone	10.158	43	1254350	823.885	ug/l	97
52) Toluene	10.335	92	958350	165.427	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	499073	168.658	ug/l	98
54) cis-1,3-Dichloropropene	10.017	75	582473	162.638	ug/l	96
55) 1,1,2-Trichloroethane	10.729	97	267314	157.222	ug/l	96
56) Ethyl methacrylate	10.594	69	379367	175.534	ug/l	99
57) 1,3-Dichloropropane	10.876	76	468090	160.503	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	784293	865.947	ug/l	100
59) 2-Hexanone	10.917	43	858408	839.356	ug/l	98
60) Dibromochloromethane	11.070	129	335729	161.061	ug/l	98
61) 1,2-Dibromoethane	11.176	107	248652	163.946	ug/l	99
64) Tetrachloroethene	10.805	164	296815	148.465	ug/l	98
65) Chlorobenzene	11.605	112	1012167	153.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.676	131	339499	153.538	ug/l	97
67) Ethyl Benzene	11.682	91	1868126	164.830	ug/l	99
68) m/p-Xylenes	11.793	106	1420882	330.367	ug/l	100
69) o-Xylene	12.117	106	674277	168.959	ug/l	99
70) Styrene	12.129	104	1179898	167.511	ug/l	100
71) Bromoform	12.293	173	189345	151.475	ug/l #	98
73) Isopropylbenzene	12.417	105	1708884	165.053	ug/l	99
74) N-amyl acetate	12.229	43	456729	157.998	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.670	83	311988	145.684	ug/l	99
76) 1,2,3-Trichloropropane	12.717	75	416875	236.658	ug/l #	100
77) Bromobenzene	12.699	156	395910	154.213	ug/l	98
78) n-propylbenzene	12.758	91	2113669	157.203	ug/l	100
79) 2-Chlorotoluene	12.846	91	1200912	156.225	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	1431725	161.538	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	122442	155.607	ug/l	98
82) 4-Chlorotoluene	12.940	91	1258093	153.735	ug/l	99
83) tert-Butylbenzene	13.164	119	1233775	167.238	ug/l	97
84) 1,2,4-Trimethylbenzene	13.205	105	1492083	166.793	ug/l	100
85) sec-Butylbenzene	13.340	105	1840375	162.623	ug/l	100
86) p-Isopropyltoluene	13.458	119	1591157	165.809	ug/l	99
87) 1,3-Dichlorobenzene	13.452	146	817829	156.431	ug/l	100
88) 1,4-Dichlorobenzene	13.535	146	790283	148.400	ug/l	99
89) n-Butylbenzene	13.782	91	1523736	160.917	ug/l	99
90) Hexachloroethane	14.046	117	296340	146.815	ug/l	99
91) 1,2-Dichlorobenzene	13.829	146	702195	152.397	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	50149	144.589	ug/l	93
93) 1,2,4-Trichlorobenzene	15.093	180	469433	166.648	ug/l	100
94) Hexachlorobutadiene	15.199	225	225880	160.948	ug/l	99
95) Naphthalene	15.329	128	954261	176.012	ug/l	98
96) 1,2,3-Trichlorobenzene	15.517	180	422343	167.451	ug/l	99

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ClientSampleId :
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QLast Update : Thu Jun 05 01:47:12 2025
Response via : Initial Calibration

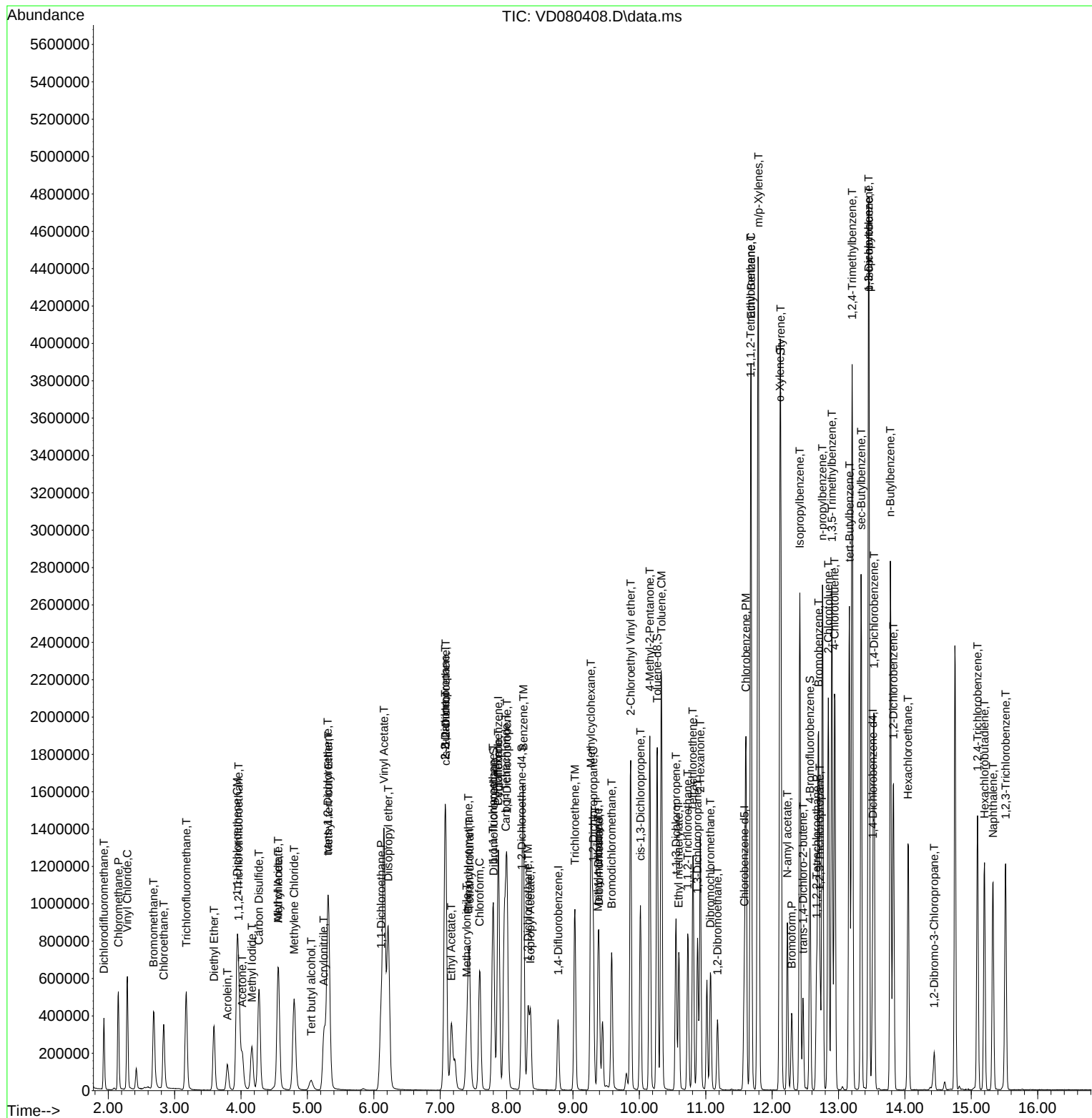
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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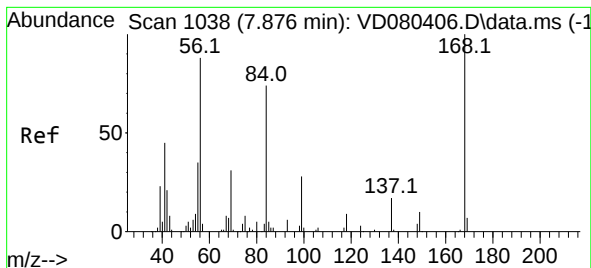
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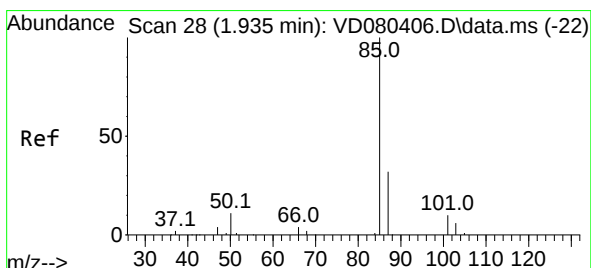
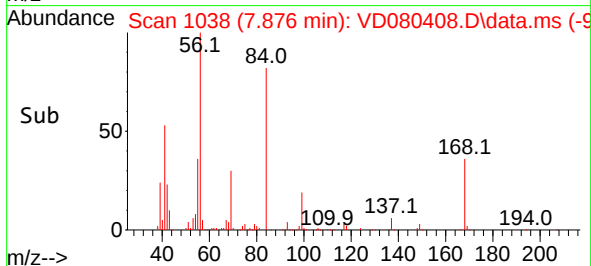
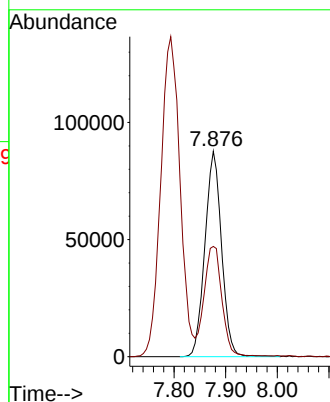
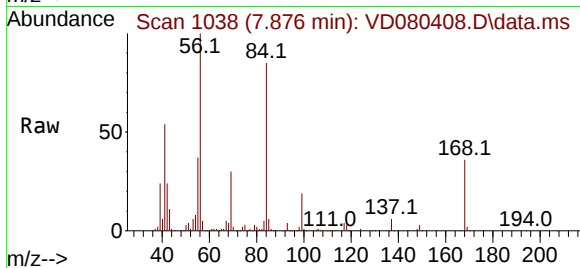




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080408.D
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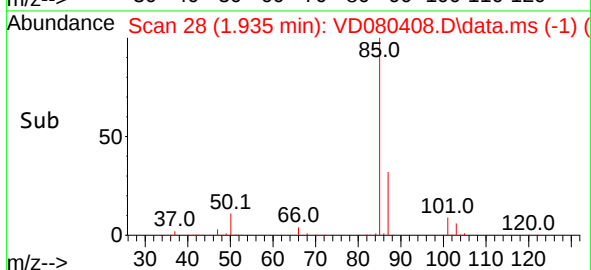
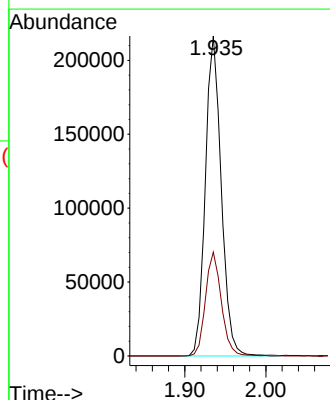
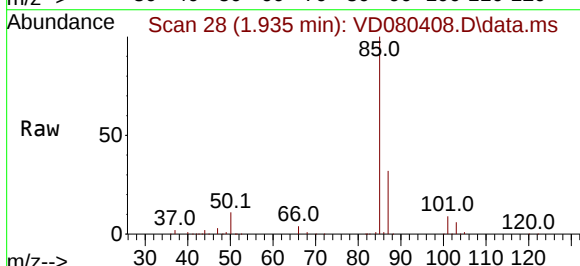
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

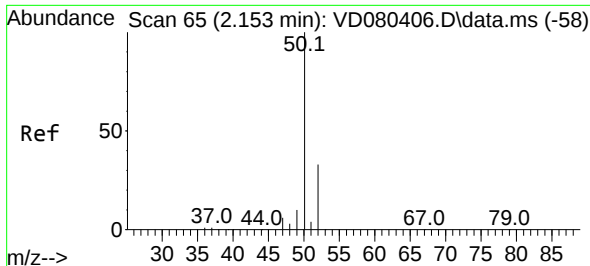
Tgt Ion:168 Resp: 196456
Ion Ratio Lower Upper
168 100
99 53.3 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 137.301 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 85 Resp: 293578
Ion Ratio Lower Upper
85 100
87 32.5 16.2 48.5

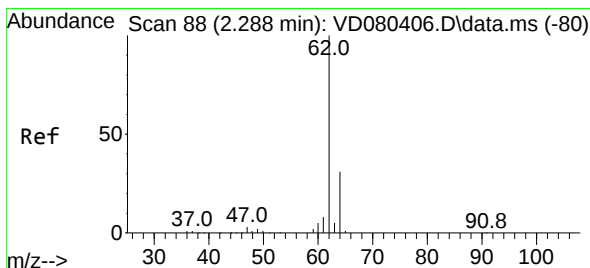
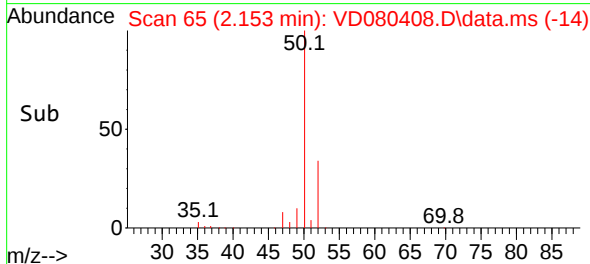
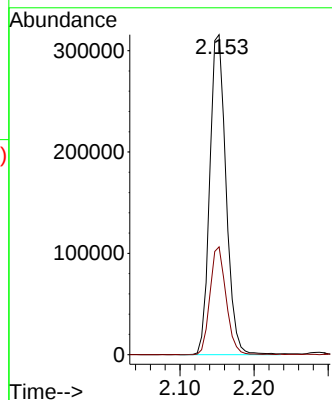
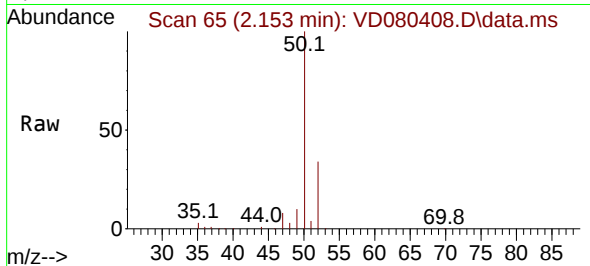




#3
Chloromethane
Concen: 127.710 ug/l
RT: 2.153 min Scan# 65
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

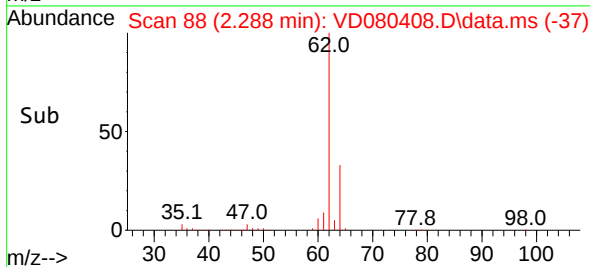
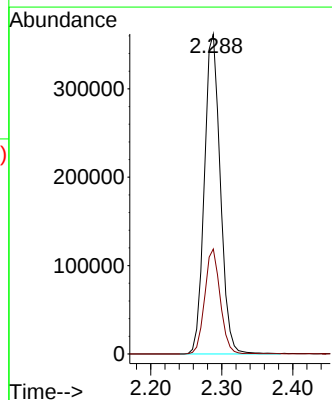
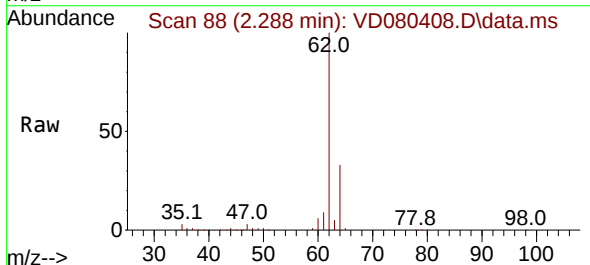
Instrument :
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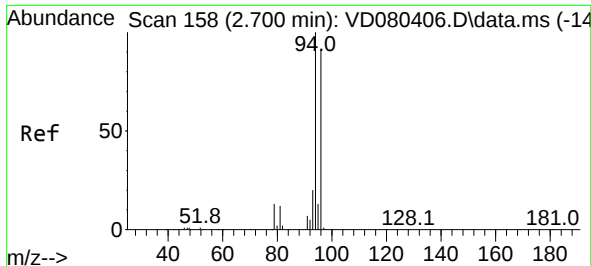
Tgt Ion: 50 Resp: 481980
Ion Ratio Lower Upper
50 100
52 33.7 26.7 40.1



#4
Vinyl Chloride
Concen: 133.750 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 62 Resp: 566405
Ion Ratio Lower Upper
62 100
64 32.8 25.0 37.6

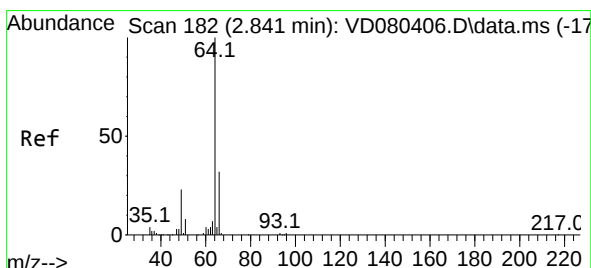
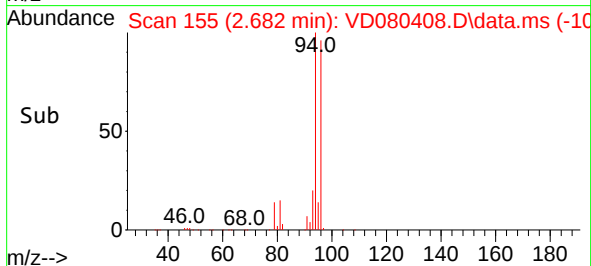
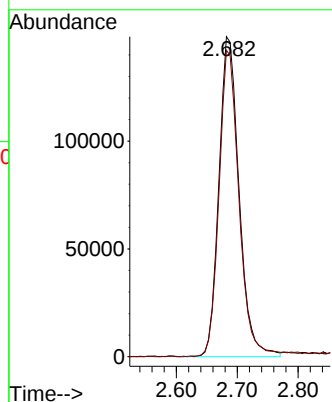
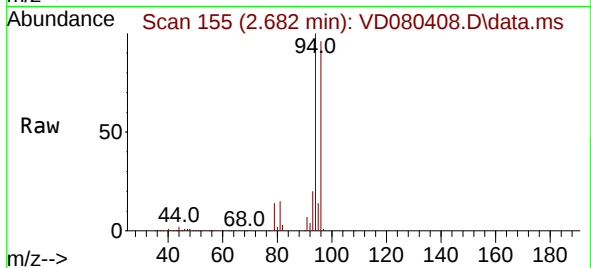




#5
Bromomethane
Concen: 128.423 ug/l
RT: 2.682 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

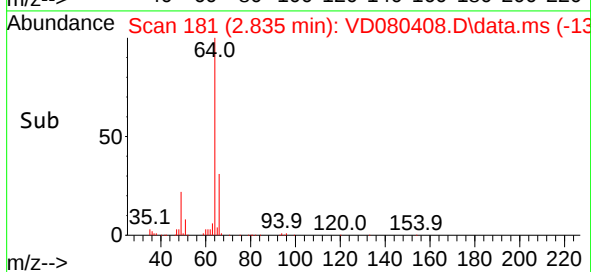
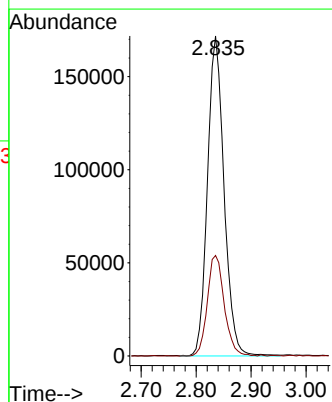
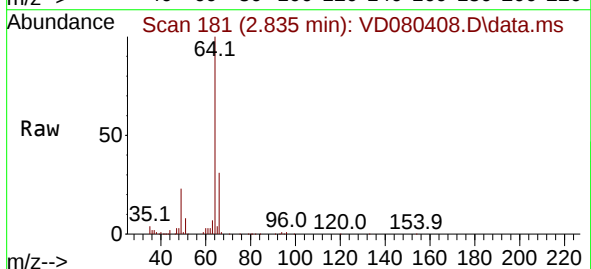
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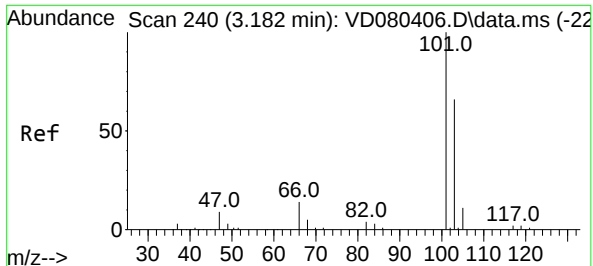
Tgt Ion: 94 Resp: 341594
Ion Ratio Lower Upper
94 100
96 95.1 73.1 109.7



#6
Chloroethane
Concen: 131.278 ug/l
RT: 2.835 min Scan# 181
Delta R.T. -0.006 min
Lab File: VD080408.D
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Tgt Ion: 64 Resp: 359766
Ion Ratio Lower Upper
64 100
66 31.4 25.5 38.3

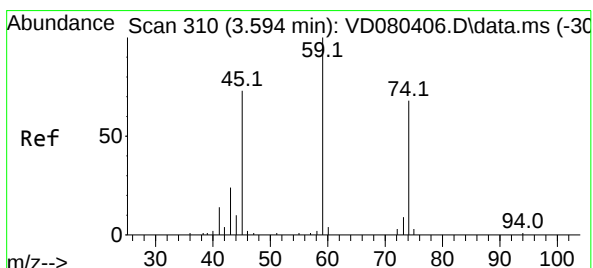
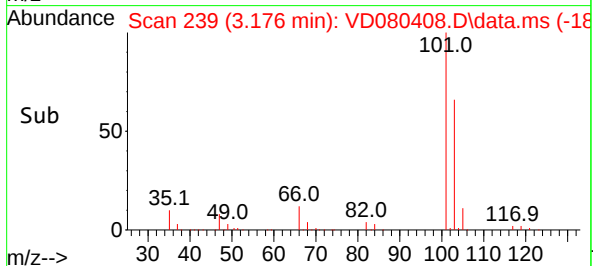
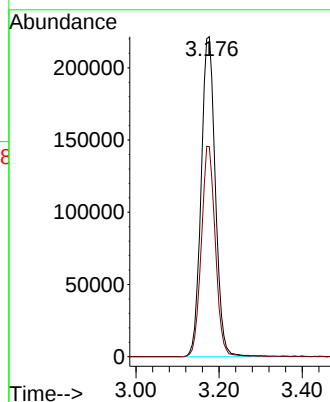
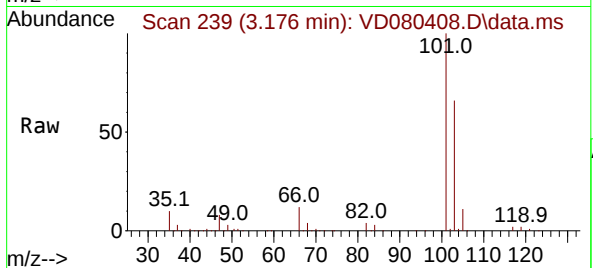




#7
 Trichlorofluoromethane
 Concen: 137.669 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD080408.D
 Acq: 04 Jun 2025 10:46

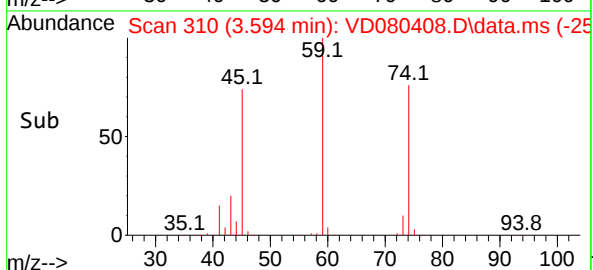
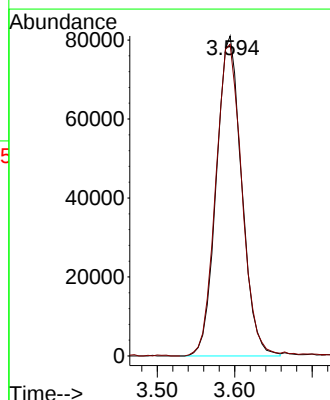
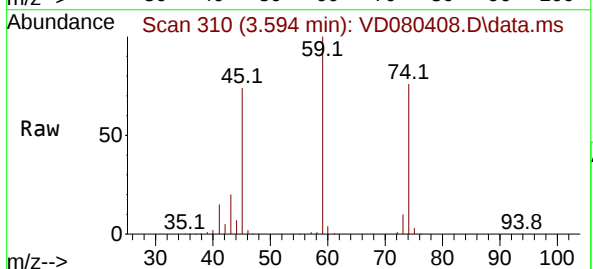
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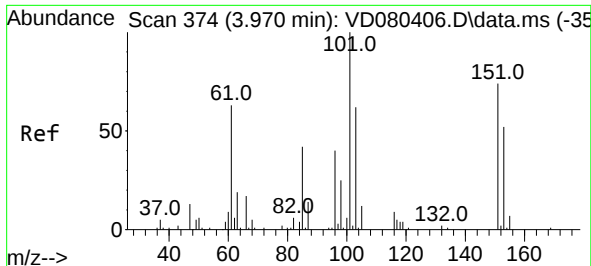
Tgt Ion:101 Resp: 526677
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.7 79.1



#8
 Diethyl Ether
 Concen: 145.443 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VD080408.D
 Acq: 04 Jun 2025 10:46

Tgt Ion: 74 Resp: 183981
 Ion Ratio Lower Upper
 74 100
 45 100.4 51.8 155.5

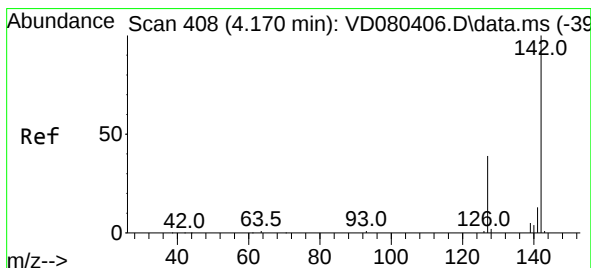
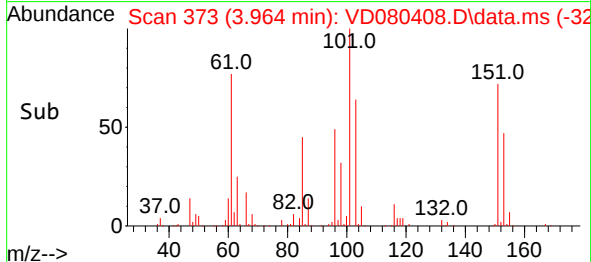
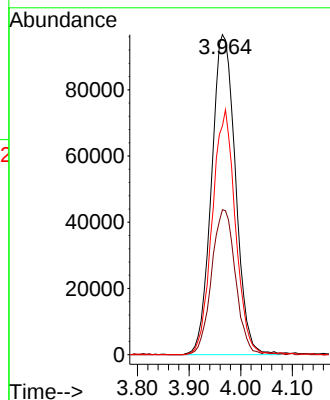
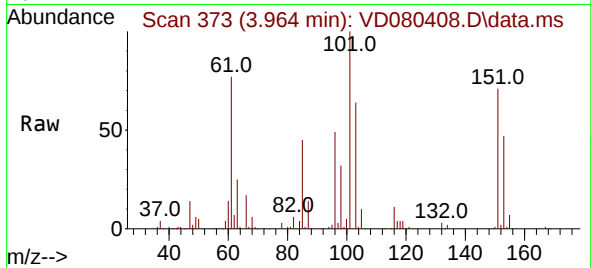




#9
1,1,2-Trichlorotrifluoroethane
Concen: 136.893 ug/l
RT: 3.964 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

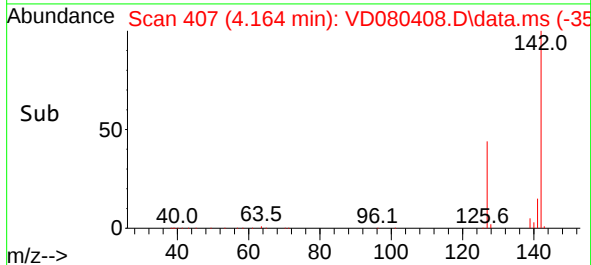
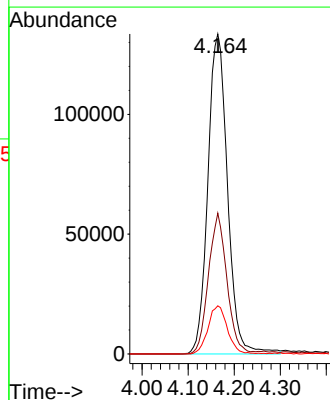
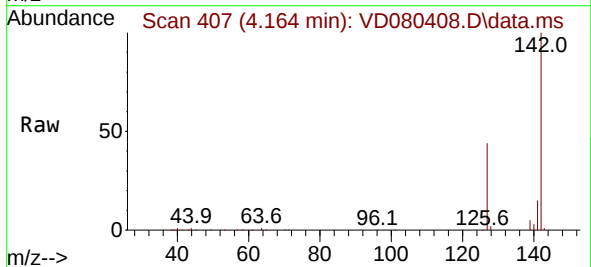
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

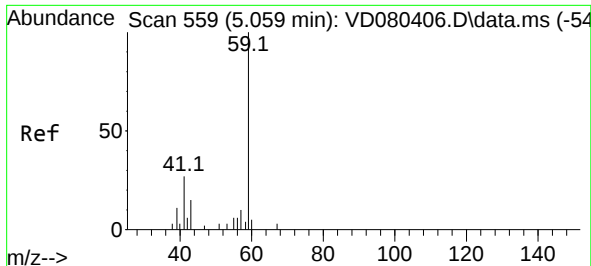
Tgt Ion:101 Resp: 311448
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 73.9 59.2 88.8



#10
Methyl Iodide
Concen: 171.136 ug/l
RT: 4.164 min Scan# 407
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion:142 Resp: 396366
Ion Ratio Lower Upper
142 100
127 41.4 35.8 53.8
141 14.9 12.0 18.0

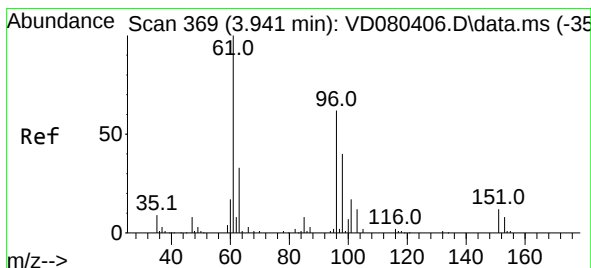
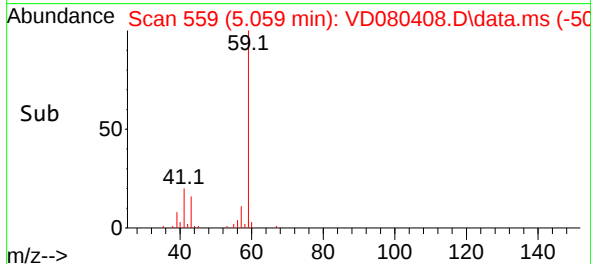
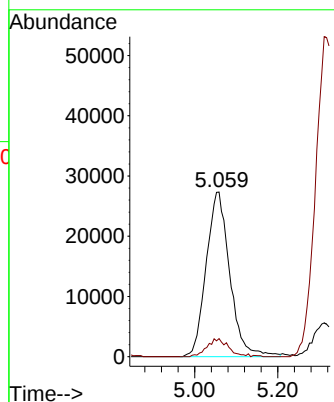
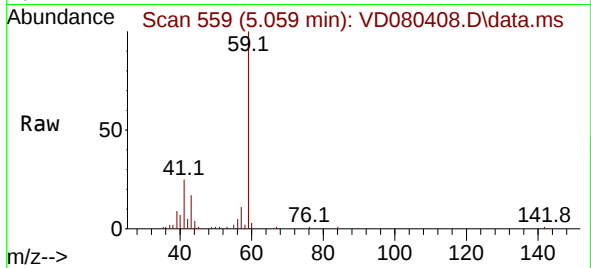




#11
Tert butyl alcohol
Concen: 723.756 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

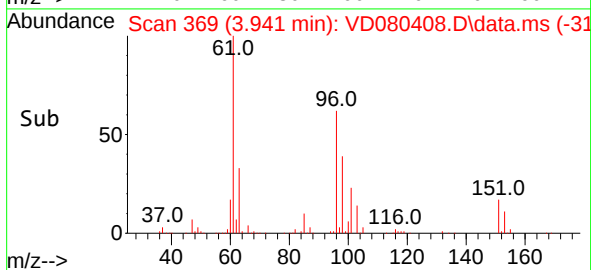
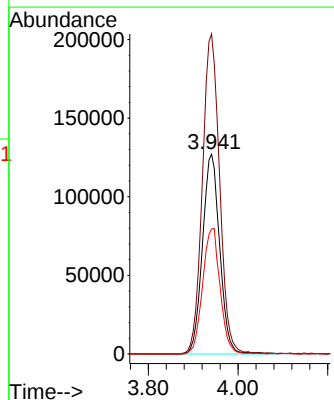
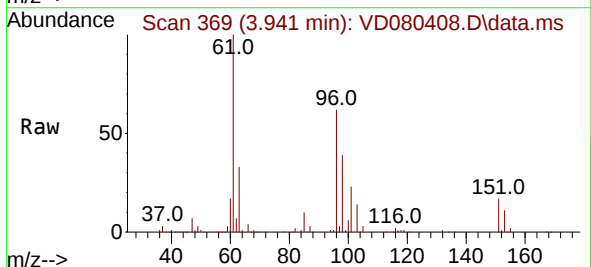
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

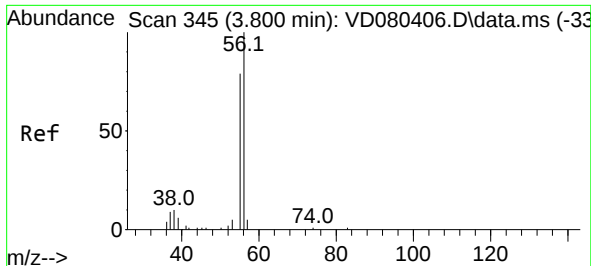
Tgt Ion: 59 Resp: 107855
Ion Ratio Lower Upper
59 100
57 10.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 145.354 ug/l
RT: 3.941 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 96 Resp: 338568
Ion Ratio Lower Upper
96 100
61 160.2 129.7 194.5
98 62.6 52.0 78.0

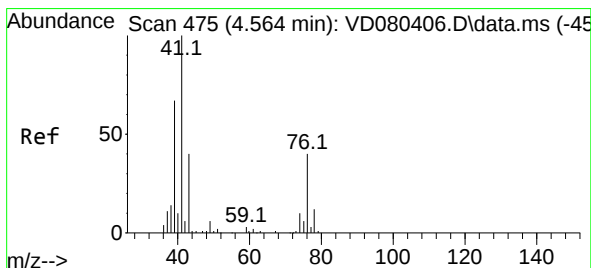
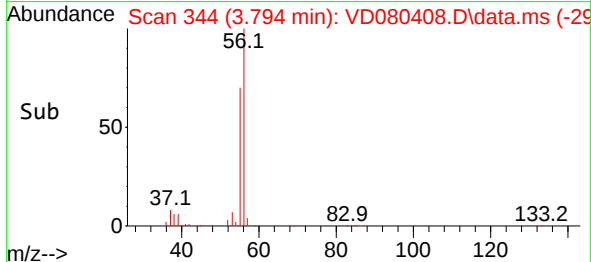
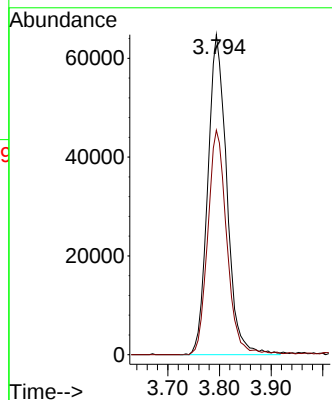
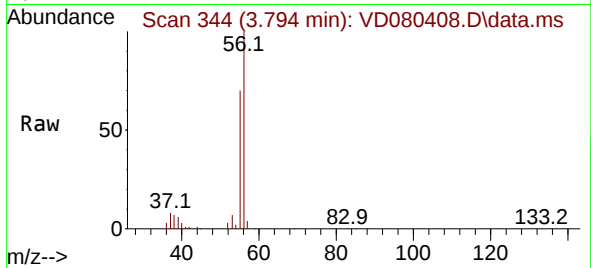




#13
Acrolein
Concen: 727.322 ug/l
RT: 3.794 min Scan# 345
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

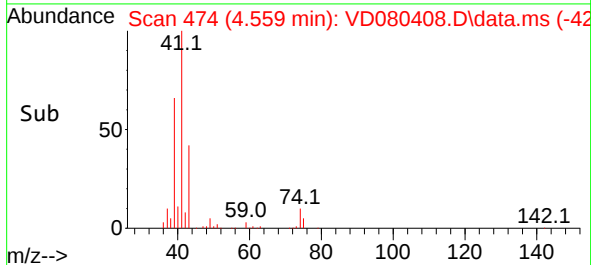
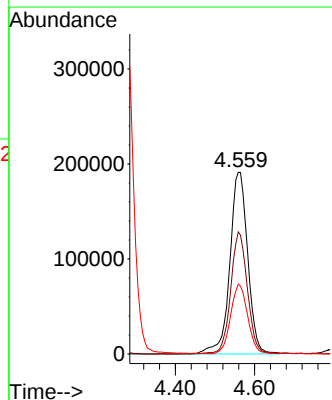
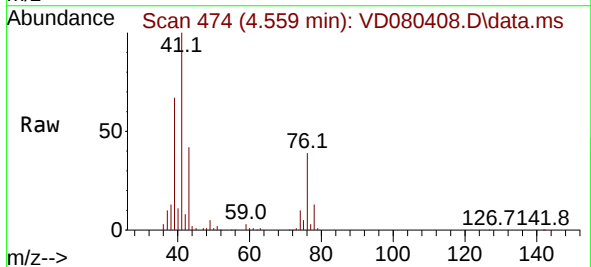
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

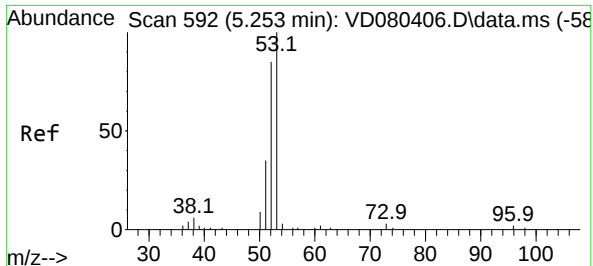
Tgt Ion: 56 Resp: 165316
Ion Ratio Lower Upper
56 100
55 70.0 58.7 88.1



#14
Allyl chloride
Concen: 152.895 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 41 Resp: 600731
Ion Ratio Lower Upper
41 100
39 62.6 50.0 75.0
76 35.9 29.9 44.9

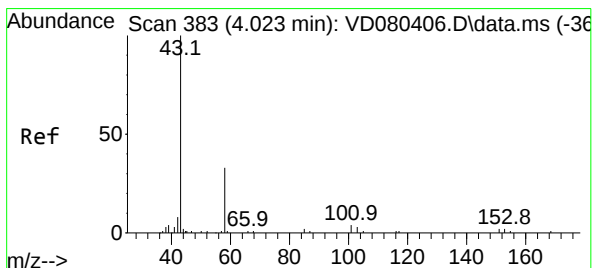
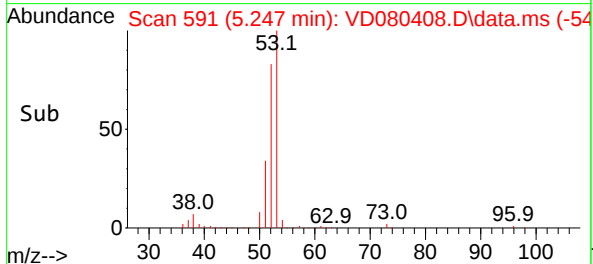
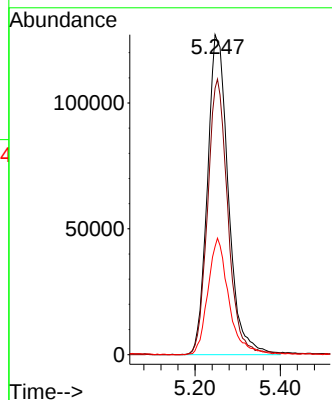
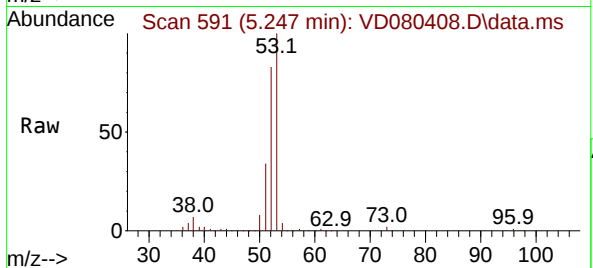




#15
Acrylonitrile
Concen: 749.544 ug/l
RT: 5.247 min Scan# 591
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

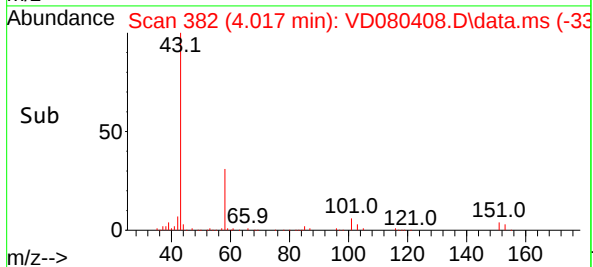
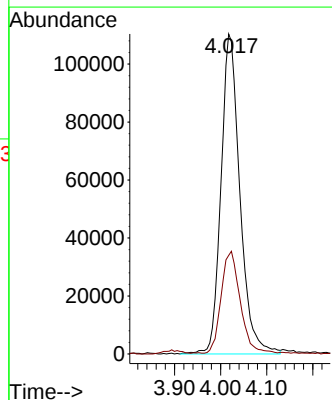
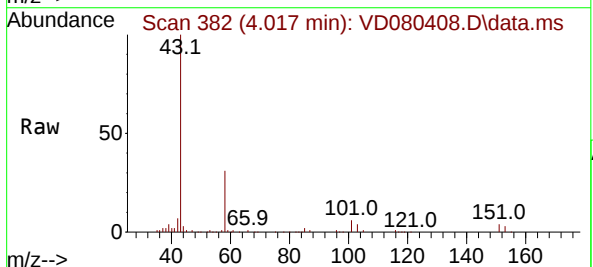
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

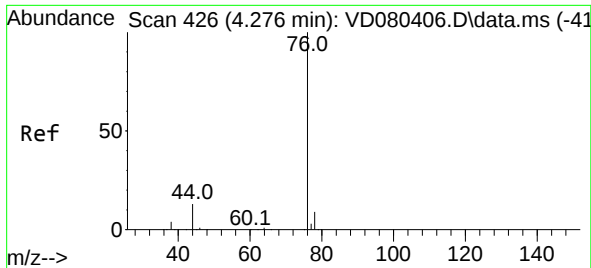
Tgt Ion: 53 Resp: 433617
Ion Ratio Lower Upper
53 100
52 83.8 64.2 96.2
51 36.5 29.3 43.9



#16
Acetone
Concen: 645.284 ug/l
RT: 4.017 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 43 Resp: 314182
Ion Ratio Lower Upper
43 100
58 30.3 26.6 40.0

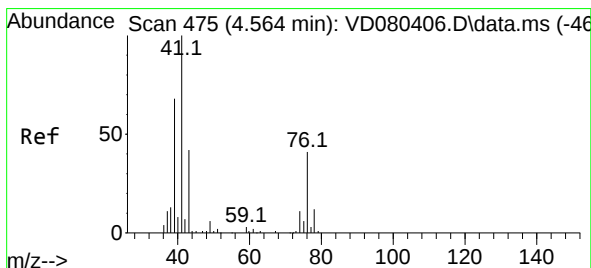
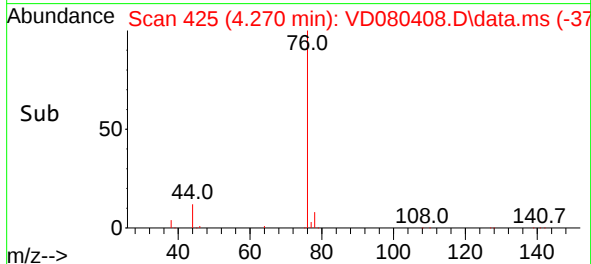
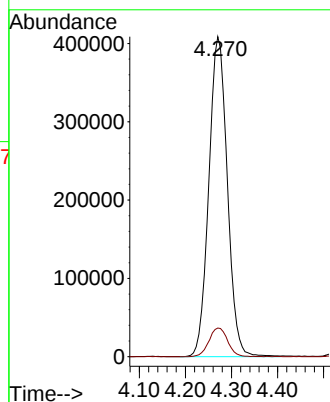
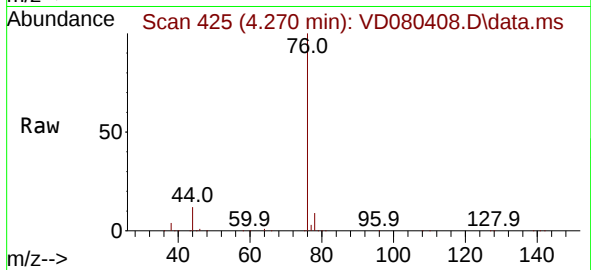




#17
Carbon Disulfide
Concen: 140.955 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

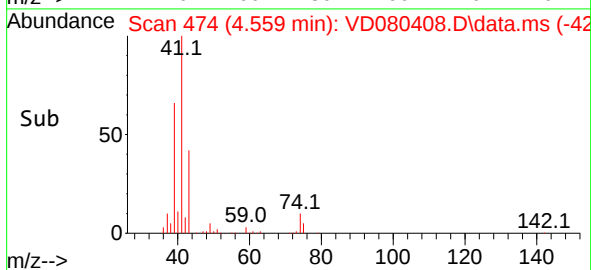
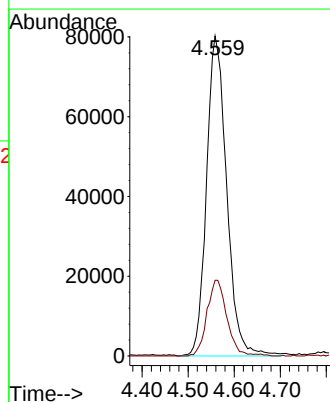
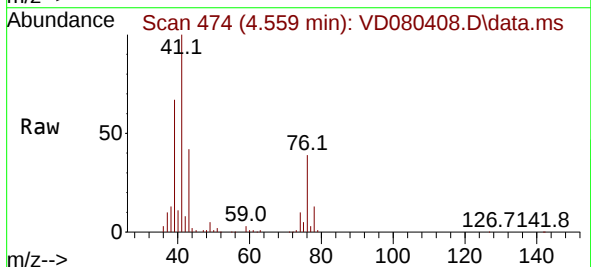
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

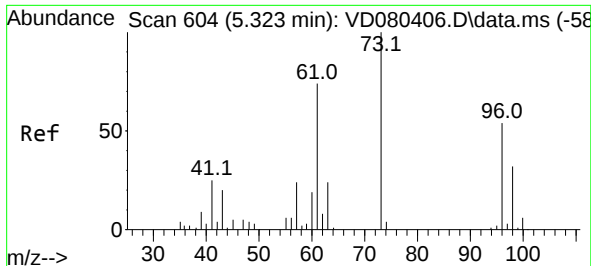
Tgt Ion: 76 Resp: 1142823
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 152.642 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 43 Resp: 244434
Ion Ratio Lower Upper
43 100
74 23.1 18.2 27.2

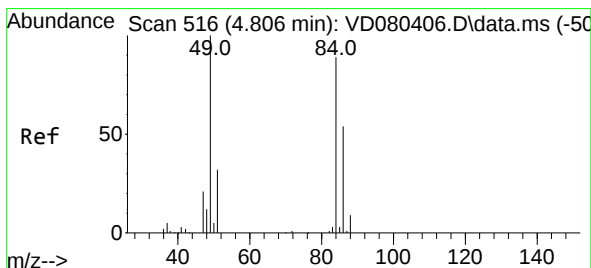
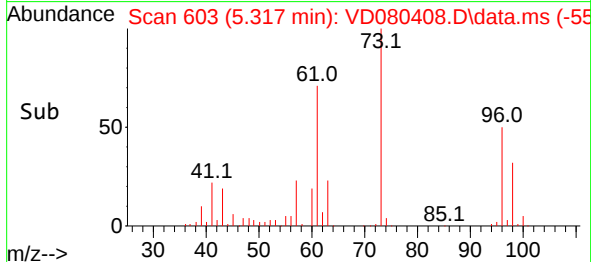
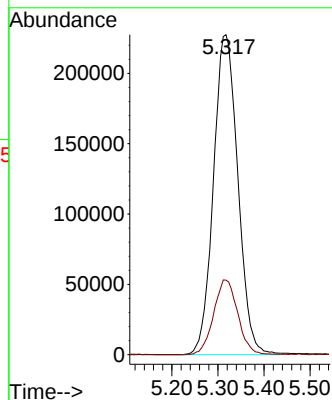
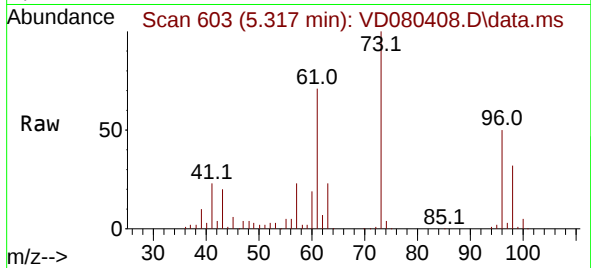




#19
Methyl tert-butyl Ether
Concen: 160.479 ug/l
RT: 5.317 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

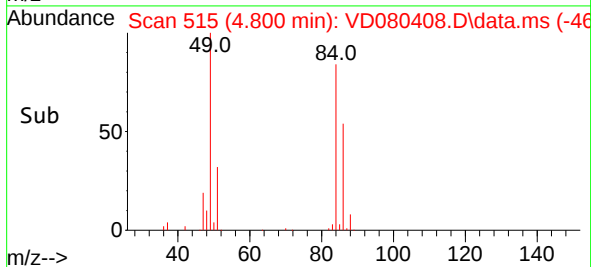
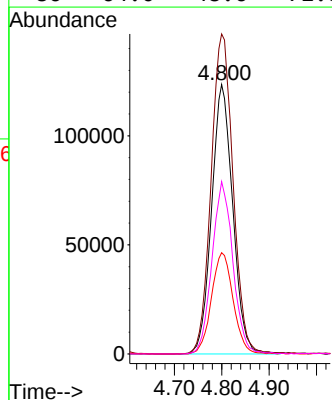
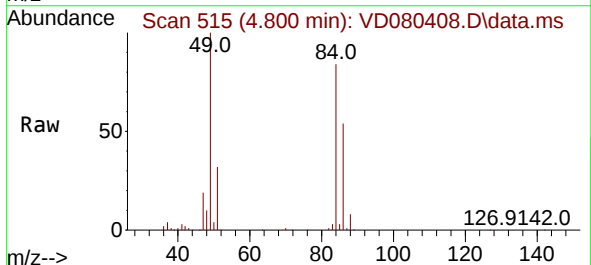
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

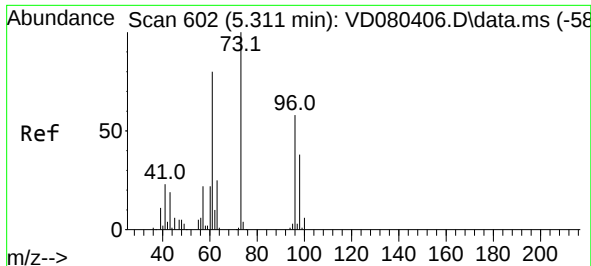
Tgt Ion: 73 Resp: 836062
Ion Ratio Lower Upper
73 100
57 23.3 18.9 28.3



#20
Methylene Chloride
Concen: 134.695 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 84 Resp: 382868
Ion Ratio Lower Upper
84 100
49 118.7 89.4 134.2
51 37.6 28.5 42.7
86 64.0 48.6 72.8

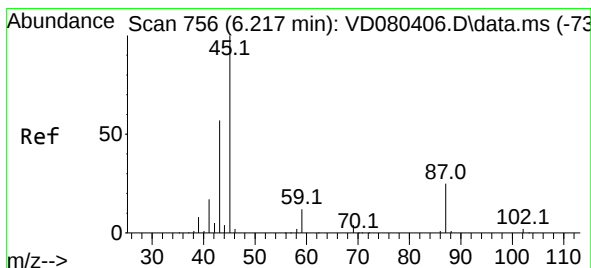
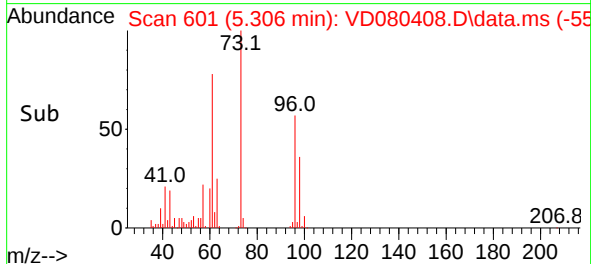
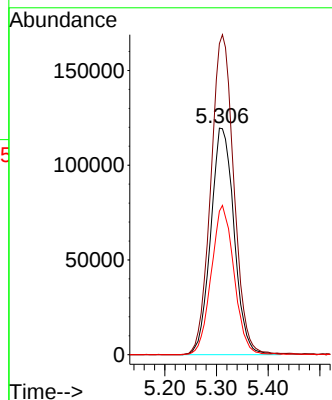
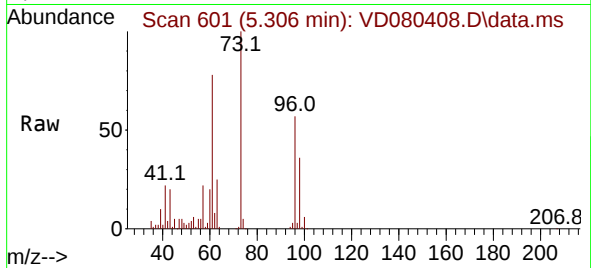




#21
trans-1,2-Dichloroethene
Concen: 149.320 ug/l
RT: 5.306 min Scan# 602
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

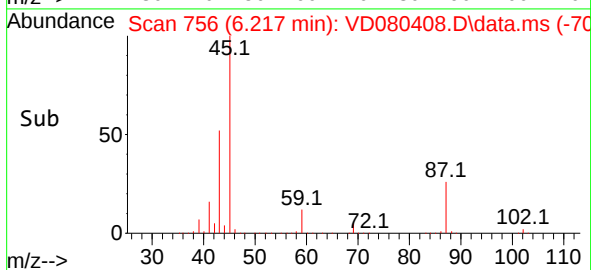
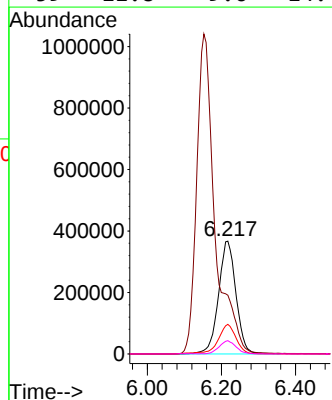
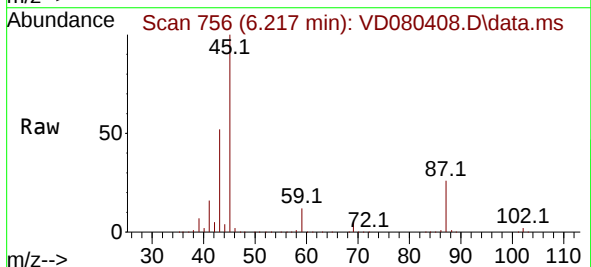
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

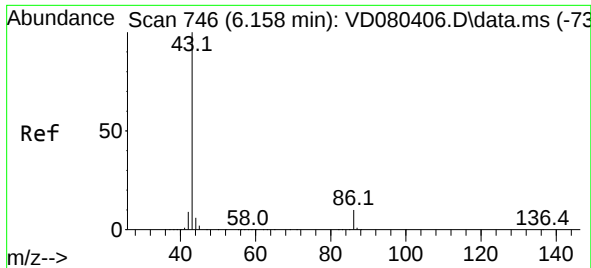
Tgt Ion: 96 Resp: 375486
Ion Ratio Lower Upper
96 100
61 137.3 110.8 166.2
98 63.3 52.2 78.2



#22
Diisopropyl ether
Concen: 154.796 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 45 Resp: 1202519
Ion Ratio Lower Upper
45 100
43 51.8 45.6 68.4
87 26.2 20.4 30.6
59 11.8 9.6 14.4

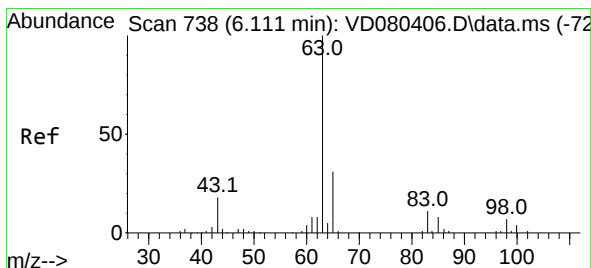
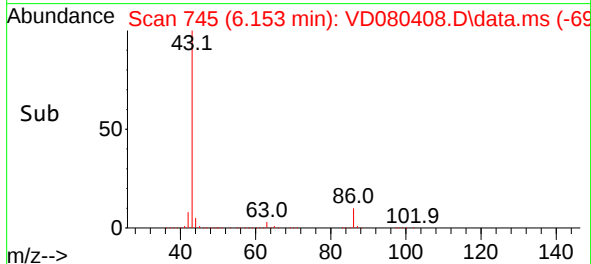
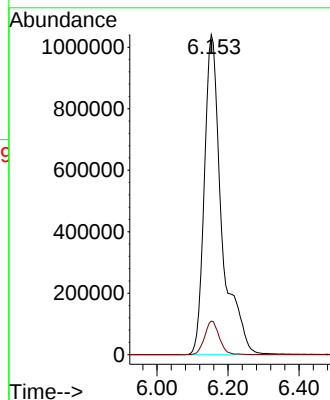
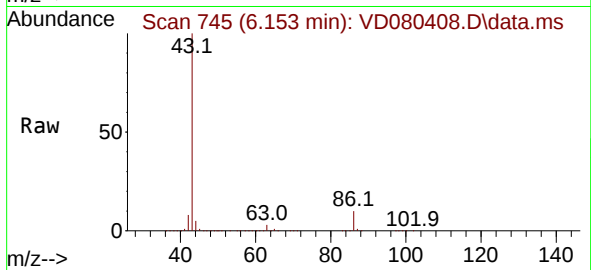




#23
 Vinyl Acetate
 Concen: 790.190 ug/l
 RT: 6.153 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD080408.D
 Acq: 04 Jun 2025 10:46

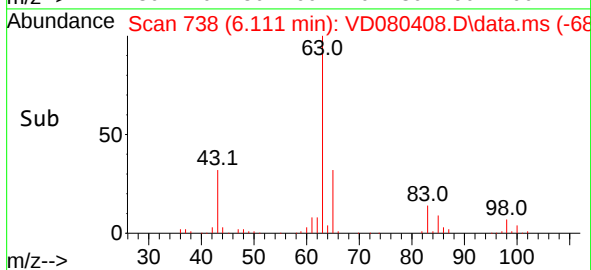
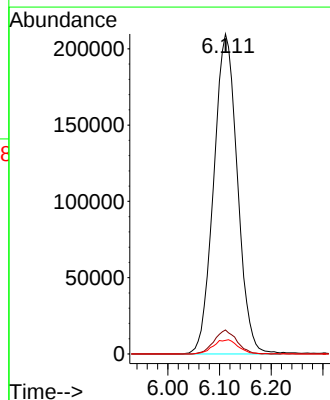
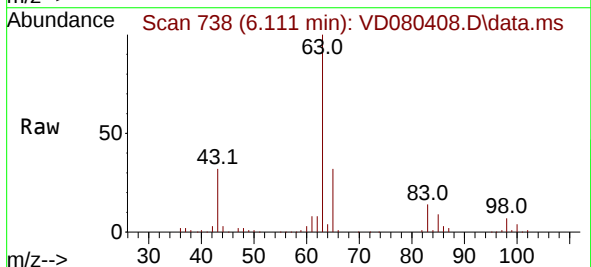
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

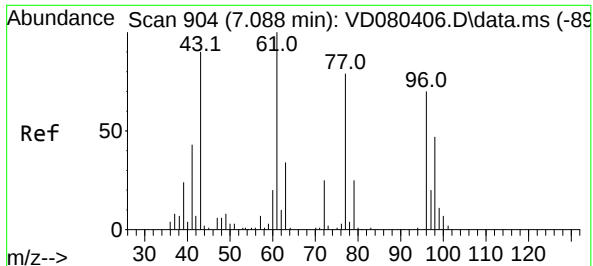
Tgt Ion: 43 Resp: 3551366
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 142.142 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD080408.D
 Acq: 04 Jun 2025 10:46

Tgt Ion: 63 Resp: 667796
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 4.3 1.9 5.7

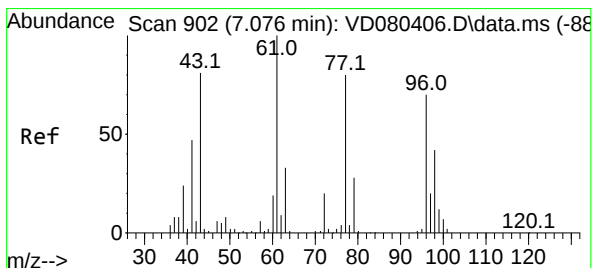
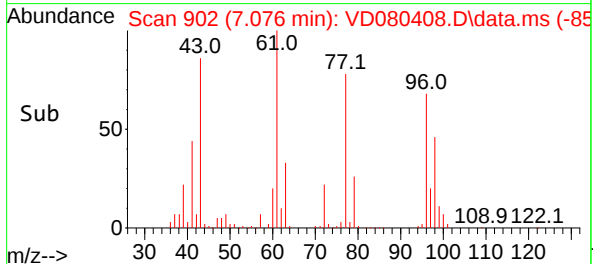
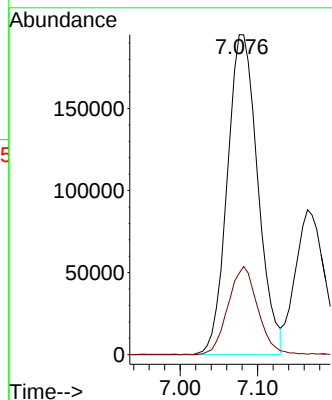
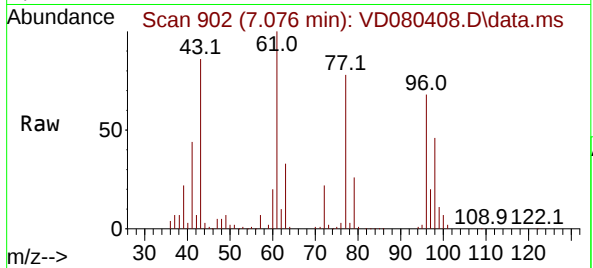




#25
2-Butanone
Concen: 751.185 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.012 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

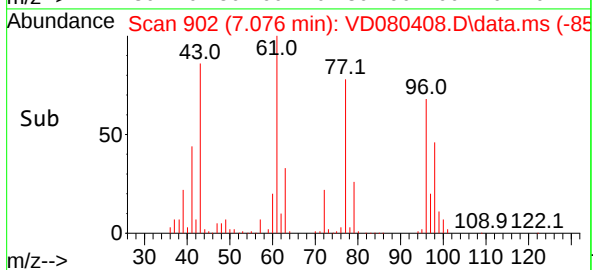
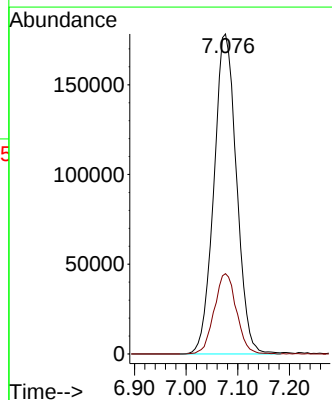
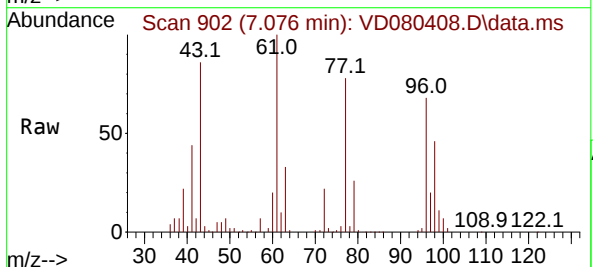
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

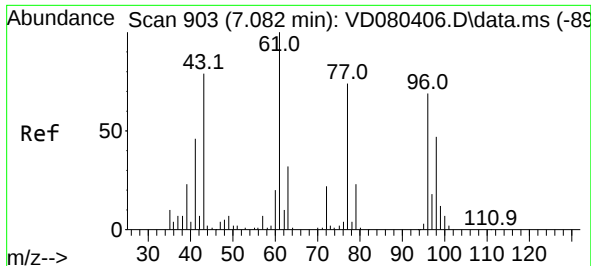
Tgt Ion: 43 Resp: 535531
Ion Ratio Lower Upper
43 100
72 25.5 22.2 33.2



#26
2,2-Dichloropropane
Concen: 144.973 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 77 Resp: 542357
Ion Ratio Lower Upper
77 100
97 24.6 12.2 36.4



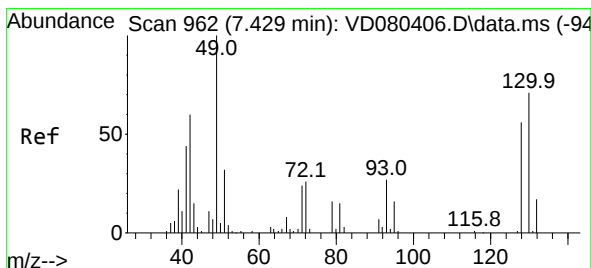
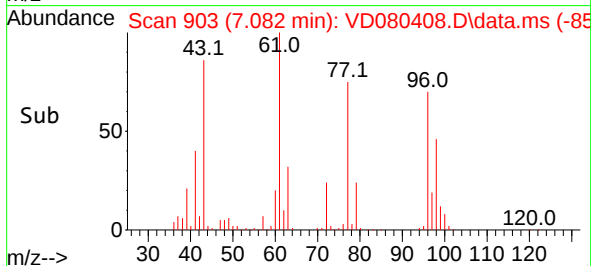
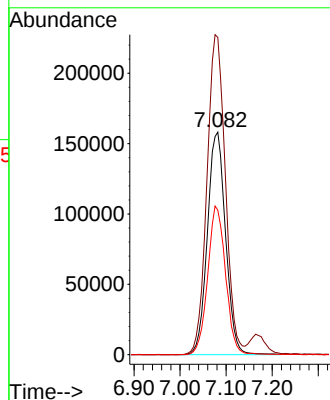
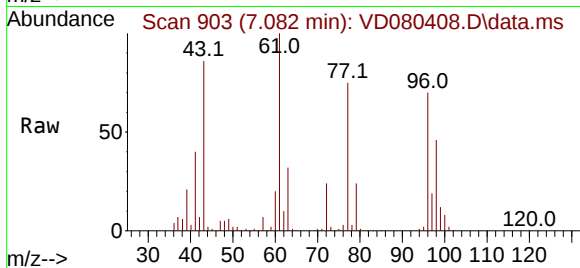


#27
 cis-1,2-Dichloroethene
 Concen: 153.823 ug/l
 RT: 7.082 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VD080408.D
 Acq: 04 Jun 2025 10:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 435643

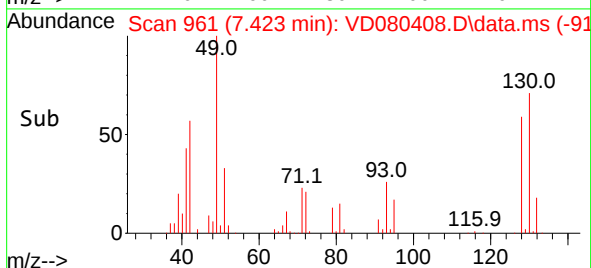
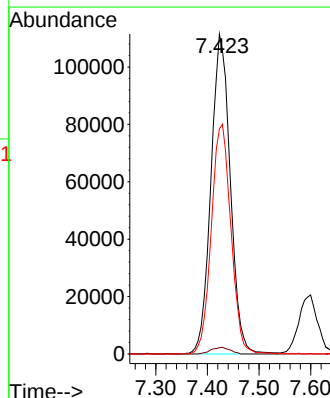
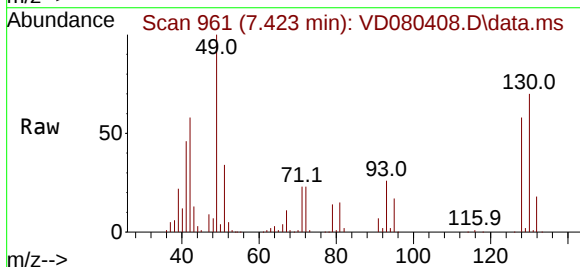
Ion	Ratio	Lower	Upper
96	100		
61	145.3	0.0	291.0
98	65.6	0.0	130.6

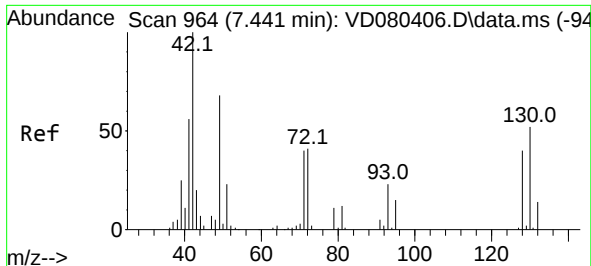


#28
 Bromochloromethane
 Concen: 139.180 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. -0.006 min
 Lab File: VD080408.D
 Acq: 04 Jun 2025 10:46

Tgt Ion: 49 Resp: 289329

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	1.2#
130	72.8	58.6	88.0

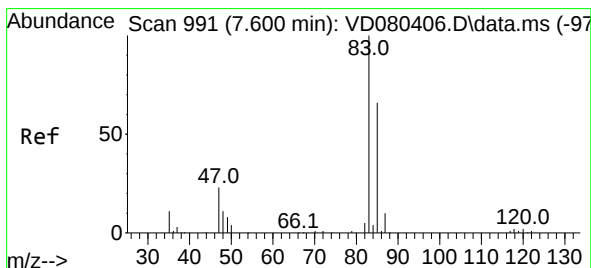
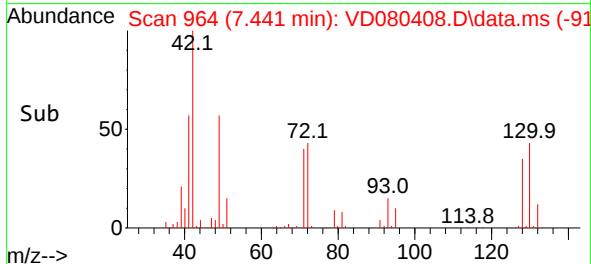
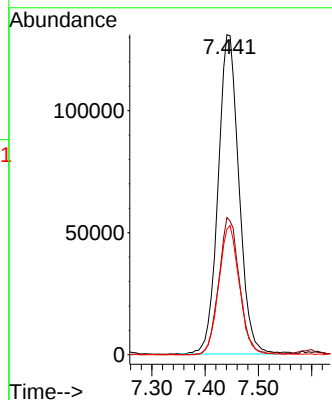
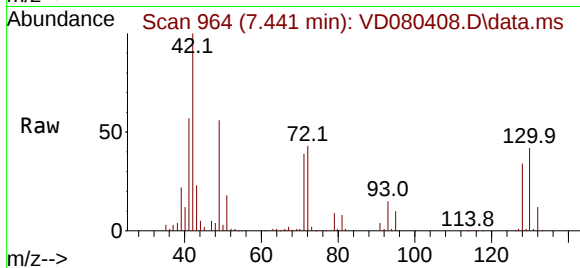




#29
Tetrahydrofuran
Concen: 776.788 ug/l
RT: 7.441 min Scan# 90
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

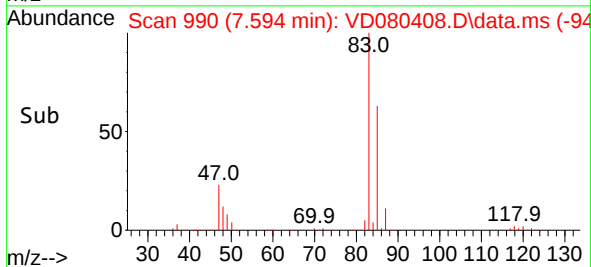
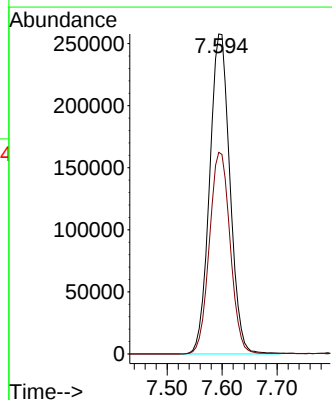
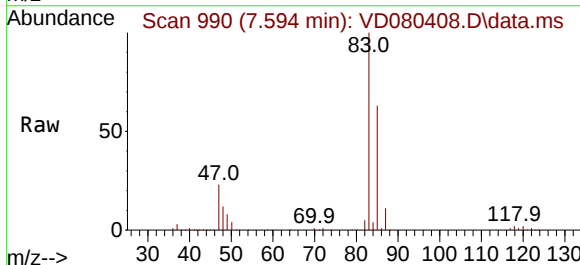
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

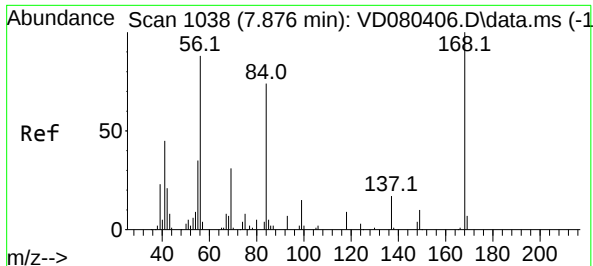
Tgt Ion: 42 Resp: 356281
Ion Ratio Lower Upper
42 100
72 42.3 34.1 51.1
71 40.1 32.2 48.4



#30
Chloroform
Concen: 145.077 ug/l
RT: 7.594 min Scan# 990
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 83 Resp: 661599
Ion Ratio Lower Upper
83 100
85 63.0 52.8 79.2

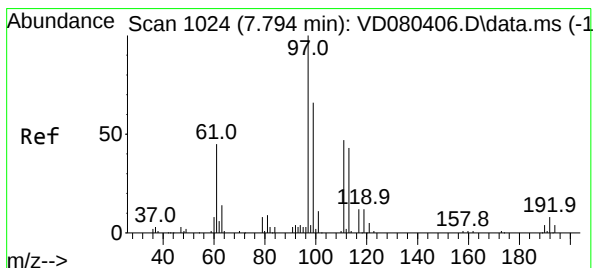
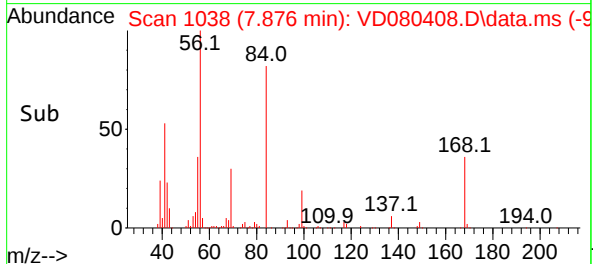
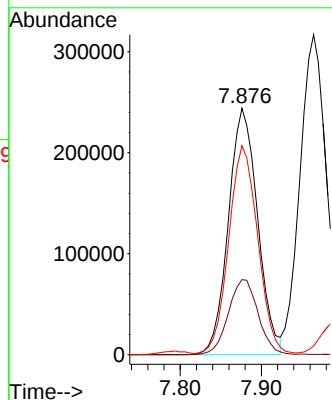
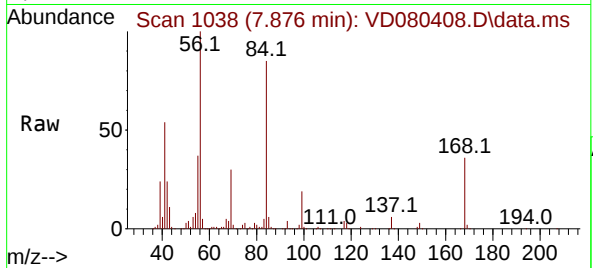




#31
Cyclohexane
Concen: 143.974 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

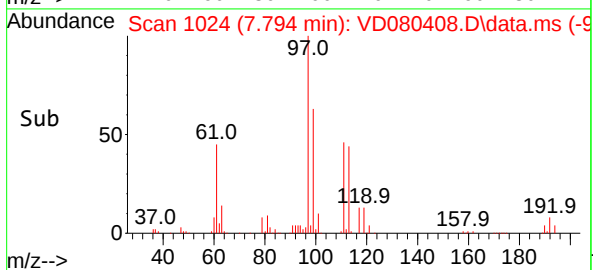
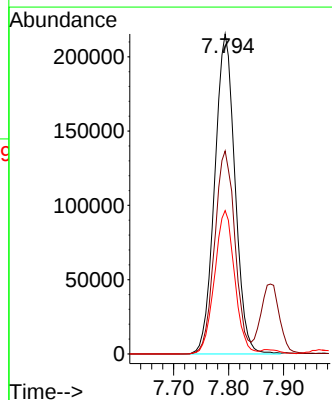
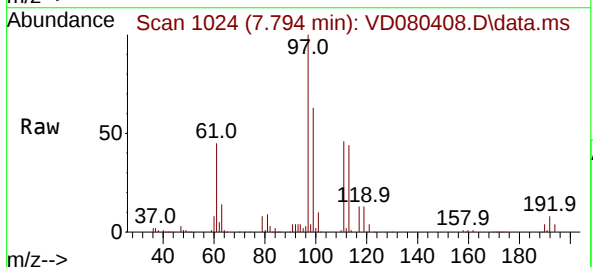
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

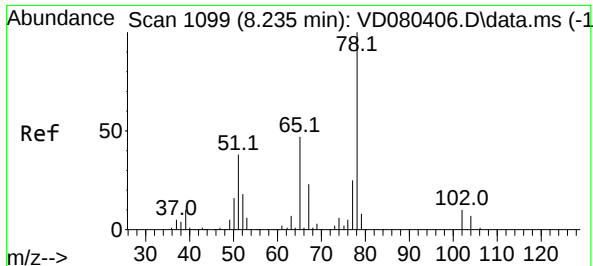
Tgt Ion: 56 Resp: 611949
Ion Ratio Lower Upper
56 100
69 30.4 28.5 42.7
84 83.7 67.4 101.0



#32
1,1,1-Trichloroethane
Concen: 144.851 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 97 Resp: 552416
Ion Ratio Lower Upper
97 100
99 64.0 50.2 75.4
61 44.5 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 138.769 ug/l

RT: 8.229 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD080408.D

Acq: 04 Jun 2025 10:46

Instrument :

MSVOA_D

ClientSampleId :

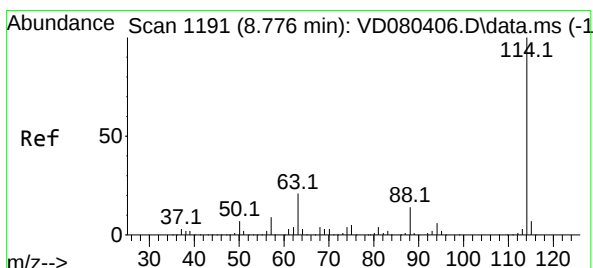
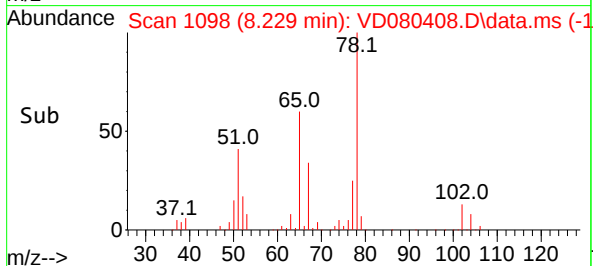
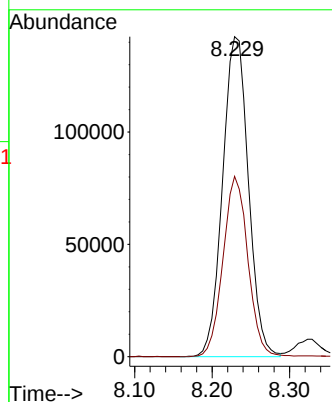
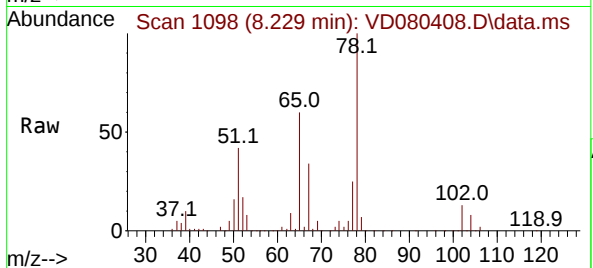
VSTDIC150

Tgt Ion: 65 Resp: 330786

Ion Ratio Lower Upper

65 100

67 54.3 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: VD080408.D

Acq: 04 Jun 2025 10:46

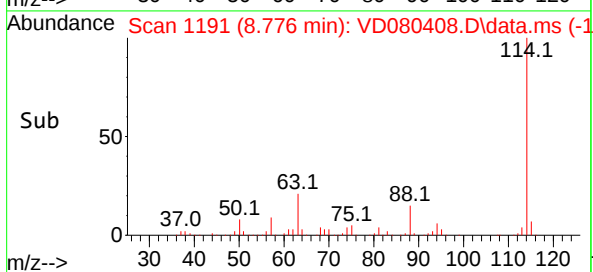
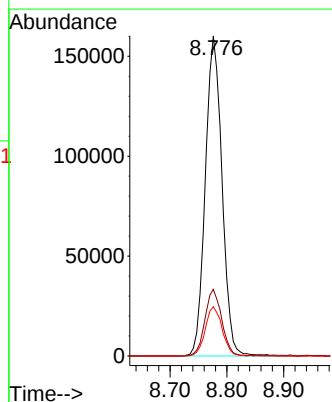
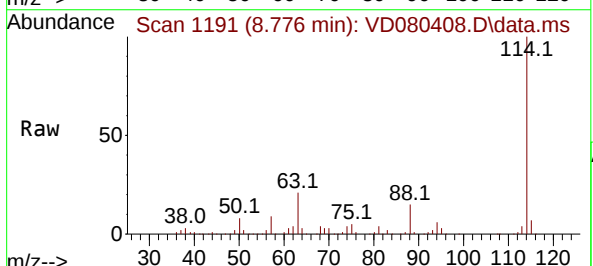
Tgt Ion:114 Resp: 326584

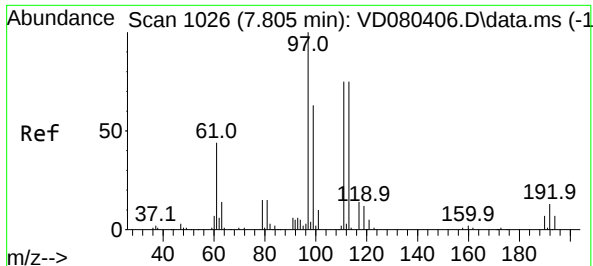
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.0

88 15.4 0.0 29.0

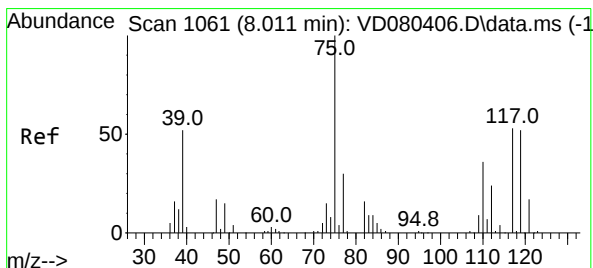
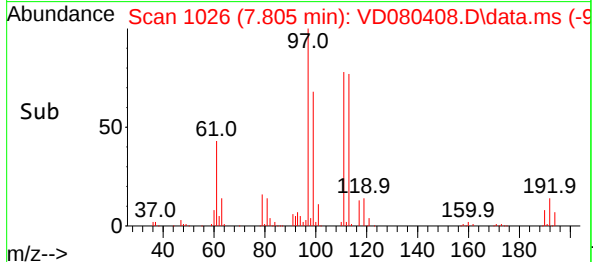
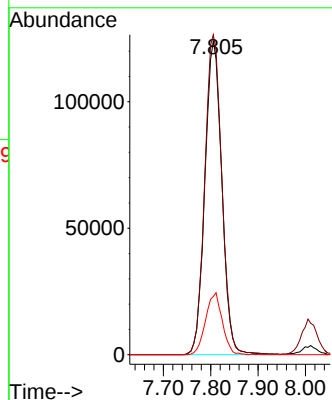
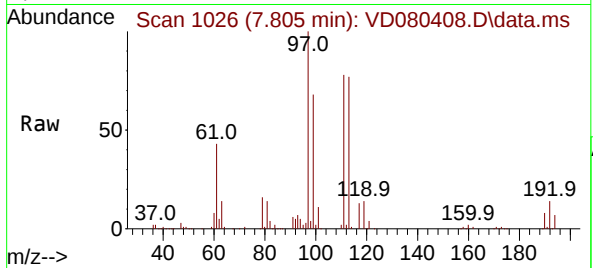




#35
Dibromofluoromethane
Concen: 151.113 ug/l
RT: 7.805 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

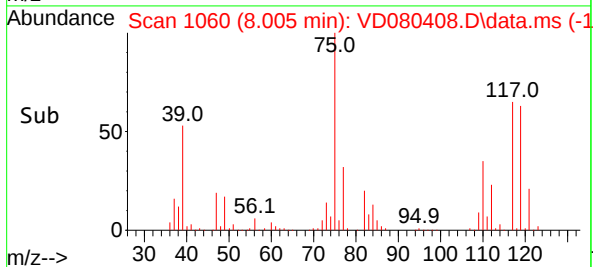
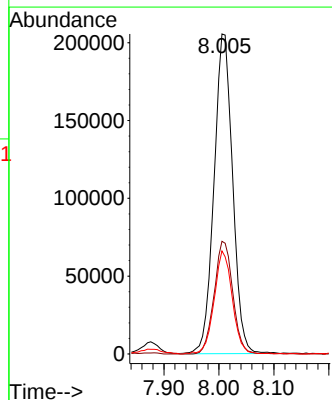
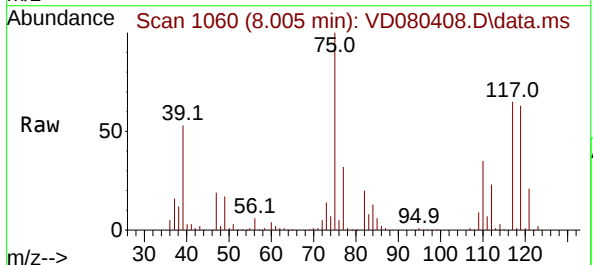
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

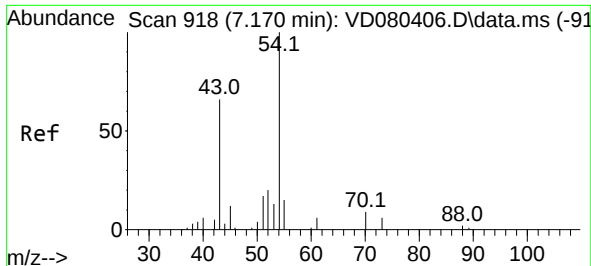
Tgt Ion:113 Resp: 308421
Ion Ratio Lower Upper
113 100
111 102.9 84.6 127.0
192 19.4 15.8 23.6



#36
1,1-Dichloropropene
Concen: 151.430 ug/l
RT: 8.005 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 75 Resp: 484397
Ion Ratio Lower Upper
75 100
110 35.1 17.4 52.3
77 31.3 25.0 37.4

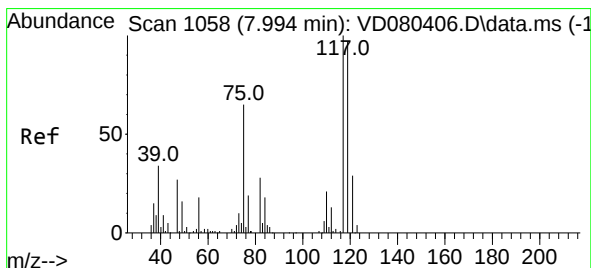
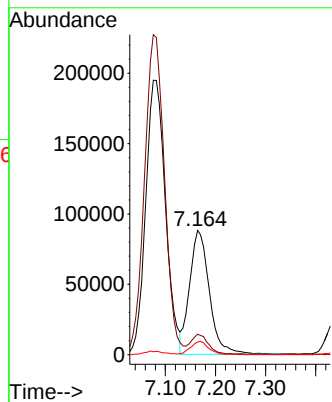
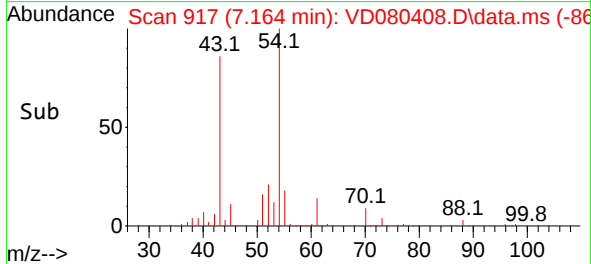
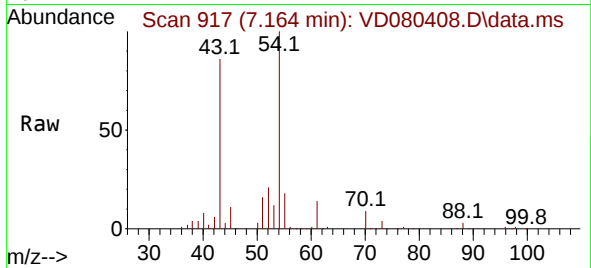




#37
Ethyl Acetate
Concen: 153.774 ug/l
RT: 7.164 min Scan# 917
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

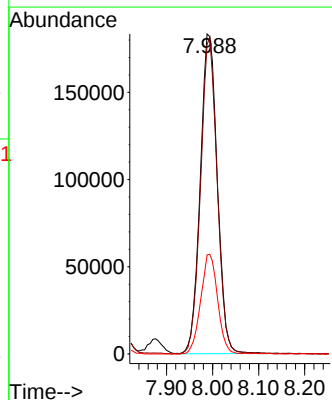
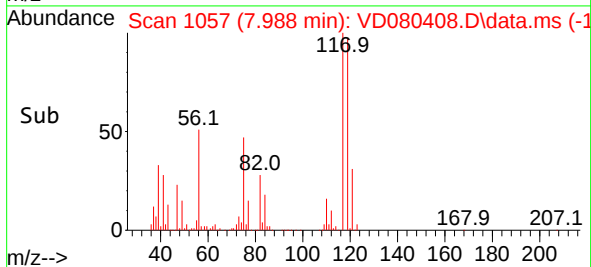
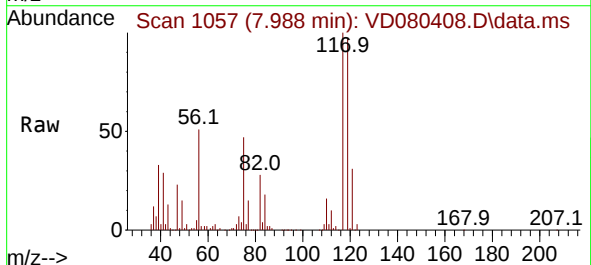
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

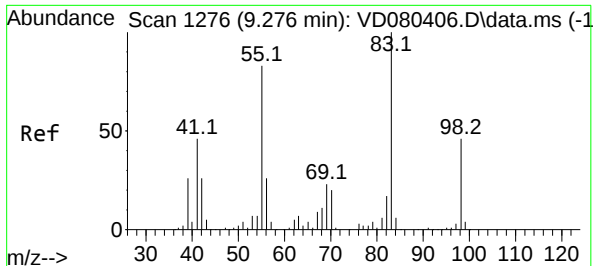
Tgt Ion: 43 Resp: 241027
Ion Ratio Lower Upper
43 100
61 13.9 11.5 17.3
70 9.9 8.6 13.0



#38
Carbon Tetrachloride
Concen: 146.361 ug/l
RT: 7.988 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 117 Resp: 473237
Ion Ratio Lower Upper
117 100
119 96.7 78.0 117.0
121 31.0 23.2 34.8





#39

Methylcyclohexane

Concen: 163.377 ug/l

RT: 9.270 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VD080408.D

Acq: 04 Jun 2025 10:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

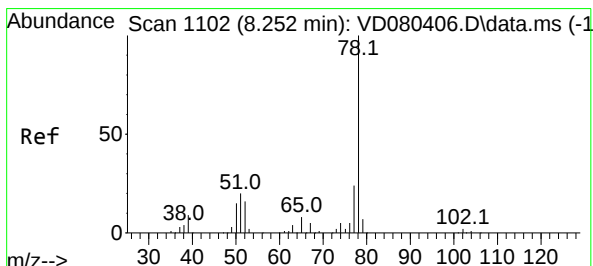
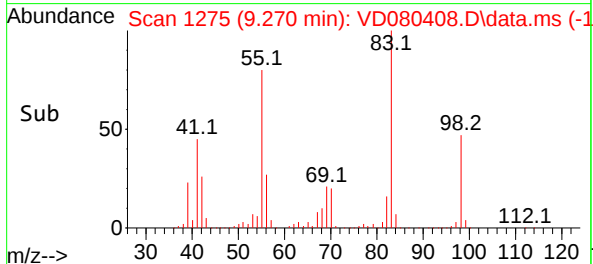
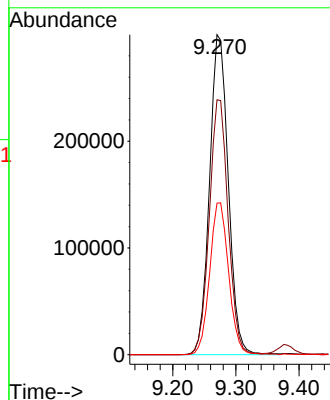
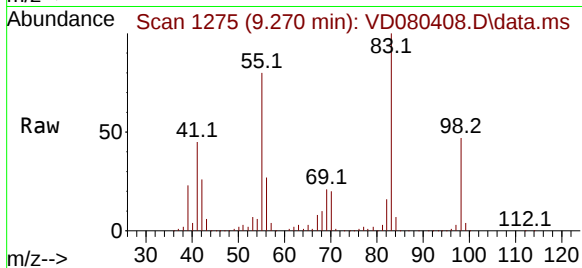
Tgt Ion: 83 Resp: 619047

Ion Ratio Lower Upper

83 100

55 79.7 66.2 99.4

98 47.3 37.0 55.6



#40

Benzene

Concen: 153.513 ug/l

RT: 8.252 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080408.D

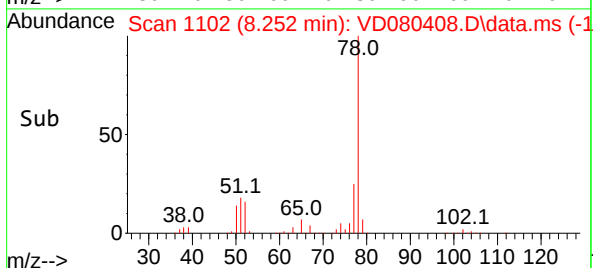
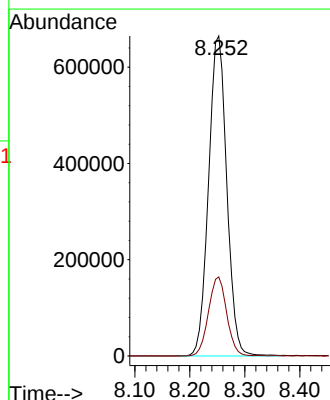
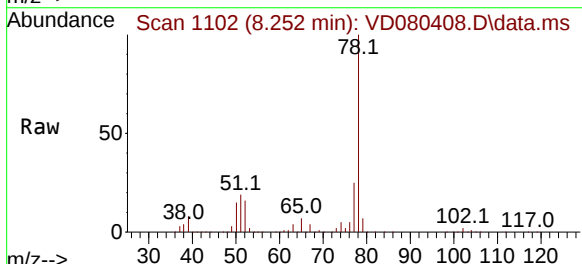
Acq: 04 Jun 2025 10:46

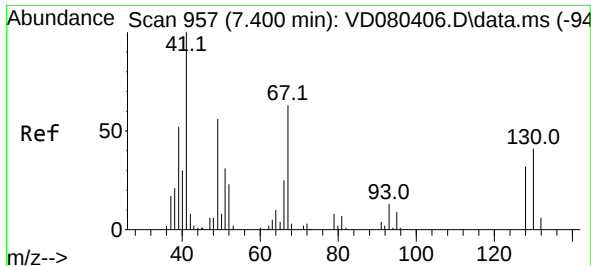
Tgt Ion: 78 Resp: 1529008

Ion Ratio Lower Upper

78 100

77 24.7 19.6 29.4

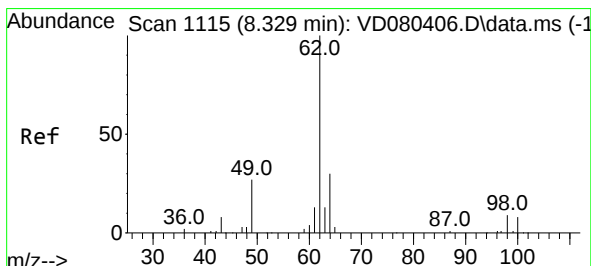
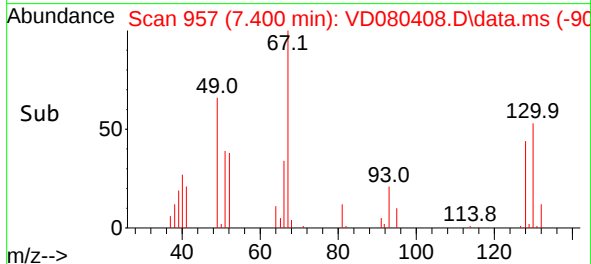
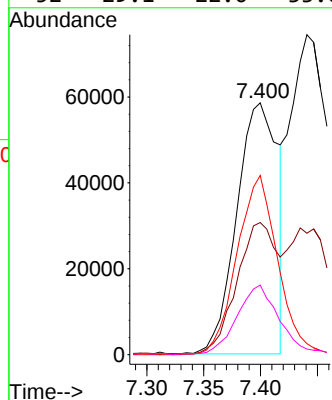
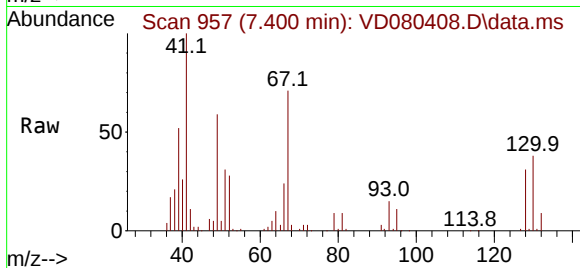




#41
Methacrylonitrile
Concen: 152.057 ug/l
RT: 7.400 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

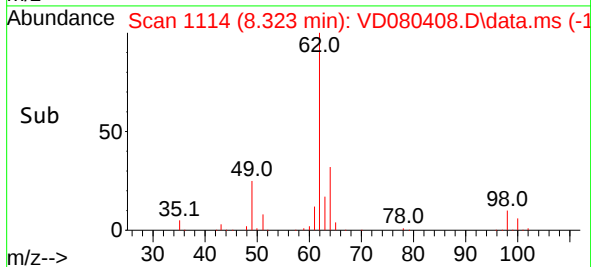
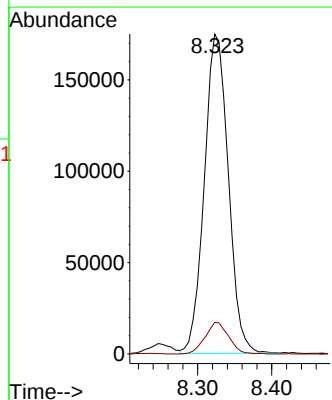
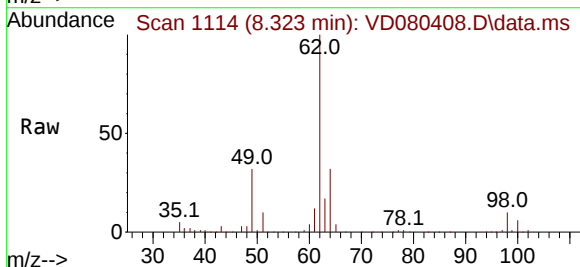
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

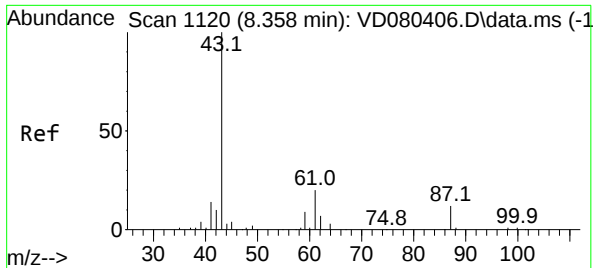
Tgt Ion: 41 Resp: 146800
Ion Ratio Lower Upper
41 100
39 52.0 37.6 56.4
67 71.5 50.4 75.6
52 29.1 22.0 33.0



#42
1,2-Dichloroethane
Concen: 144.985 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 62 Resp: 393138
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.2

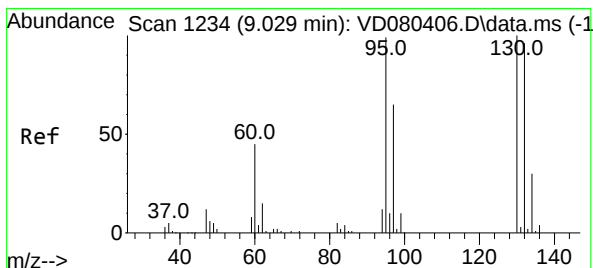
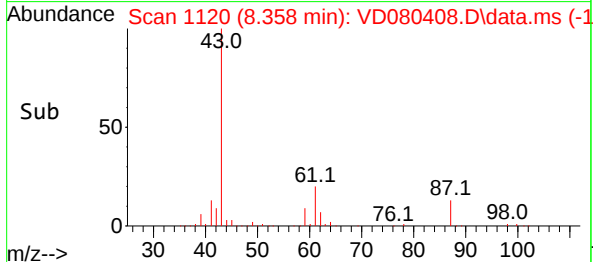
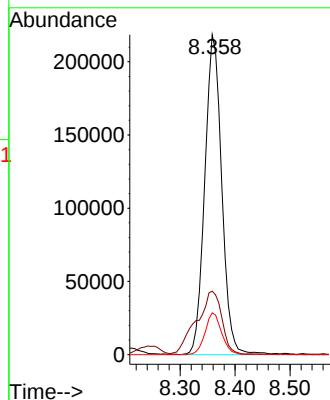
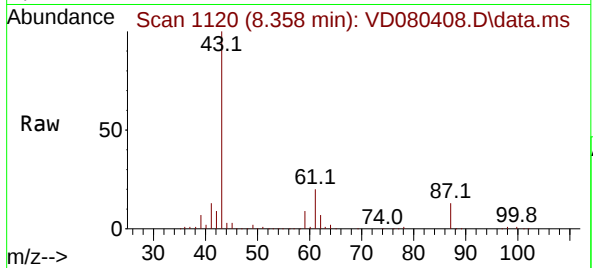




#43
Isopropyl Acetate
Concen: 157.488 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

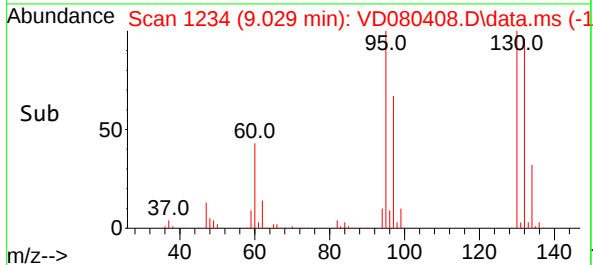
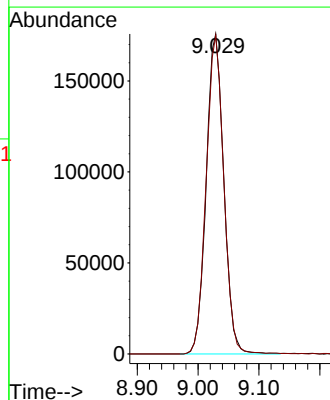
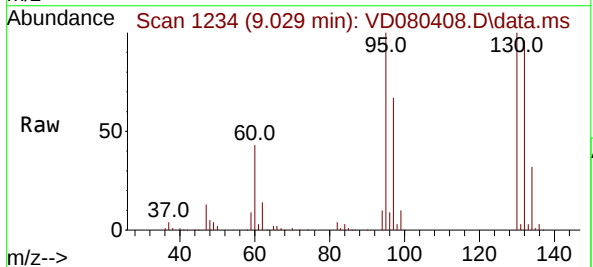
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

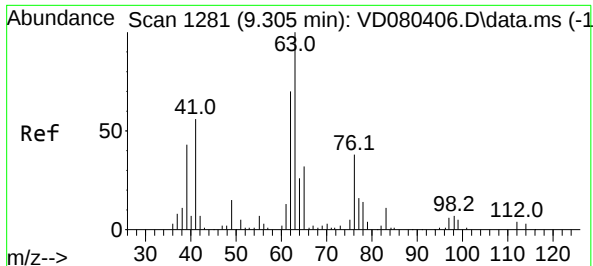
Tgt Ion: 43 Resp: 469327
Ion Ratio Lower Upper
43 100
61 29.8 24.4 36.6
87 12.8 10.2 15.4



#44
Trichloroethene
Concen: 152.695 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion:130 Resp: 352264
Ion Ratio Lower Upper
130 100
95 99.5 0.0 198.2





#45

1,2-Dichloropropane

Concen: 151.825 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080408.D

Acq: 04 Jun 2025 10:46

Instrument :

MSVOA_D

ClientSampleId :

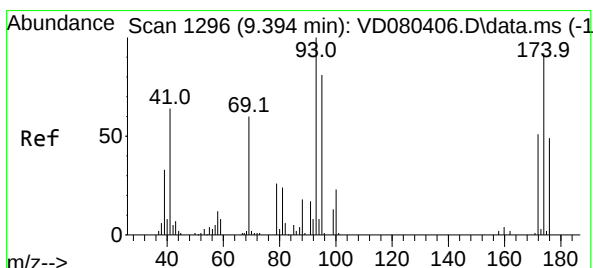
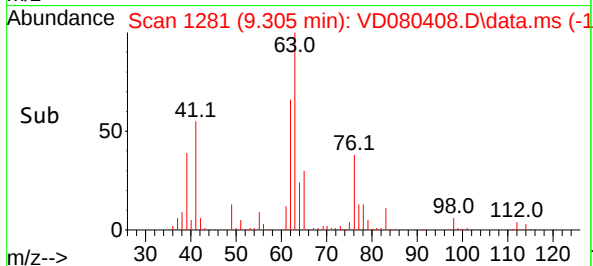
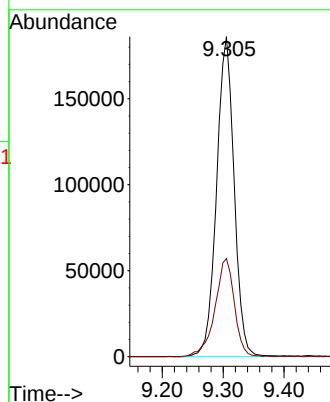
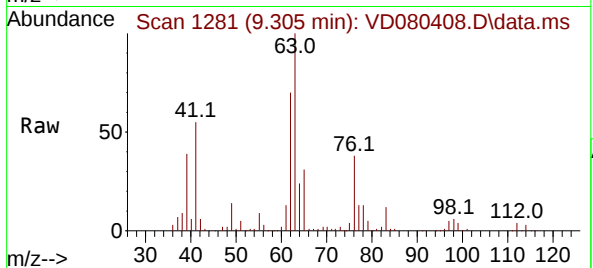
VSTDICC150

Tgt Ion: 63 Resp: 372383

Ion Ratio Lower Upper

63 100

65 30.7 25.3 37.9



#46

Dibromomethane

Concen: 152.723 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080408.D

Acq: 04 Jun 2025 10:46

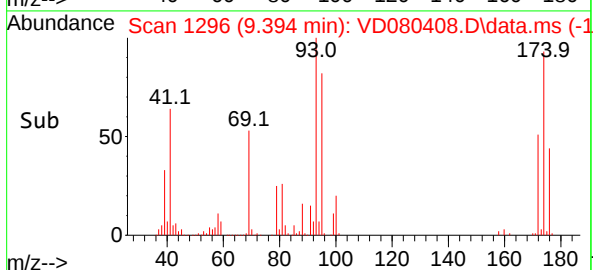
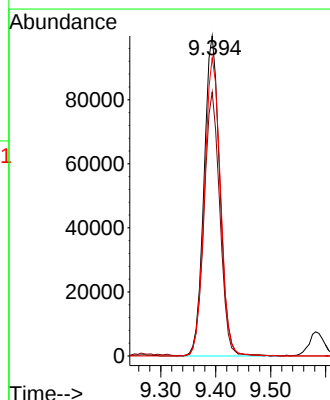
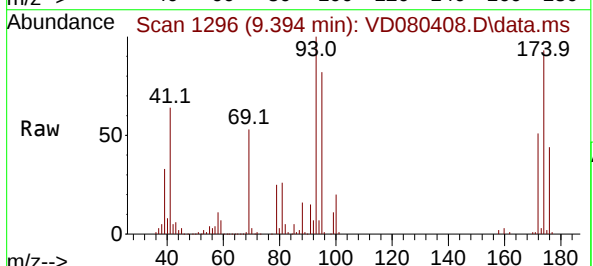
Tgt Ion: 93 Resp: 199425

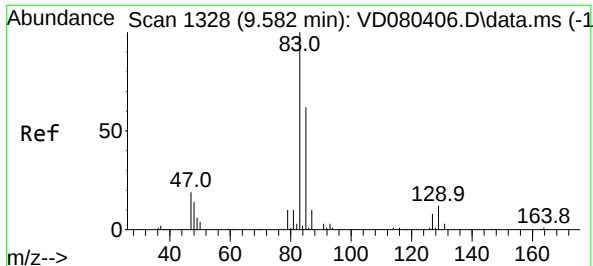
Ion Ratio Lower Upper

93 100

95 82.3 65.7 98.5

174 94.8 74.6 112.0

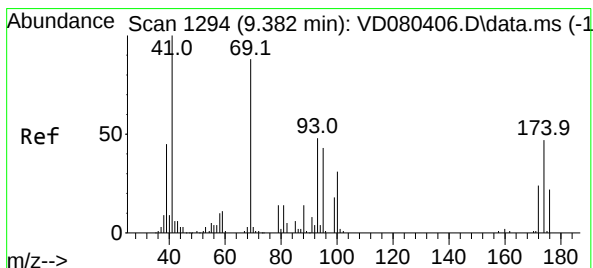
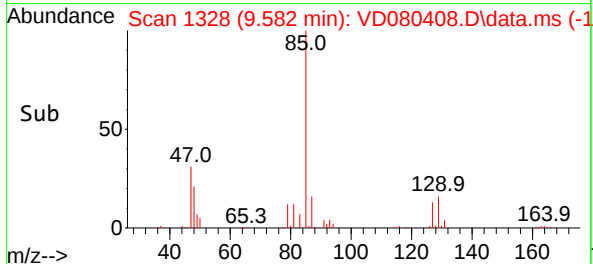
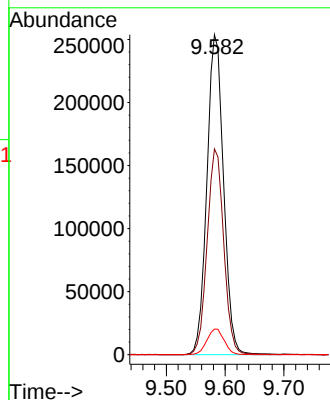
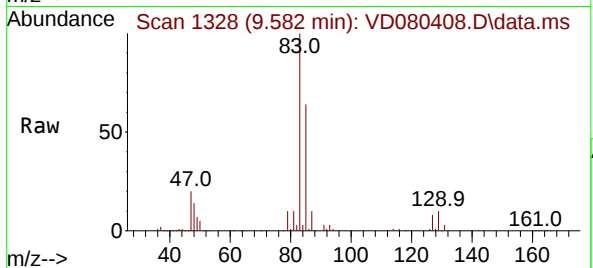




#47
Bromodichloromethane
Concen: 150.366 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

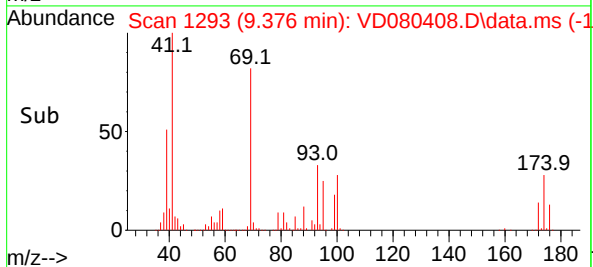
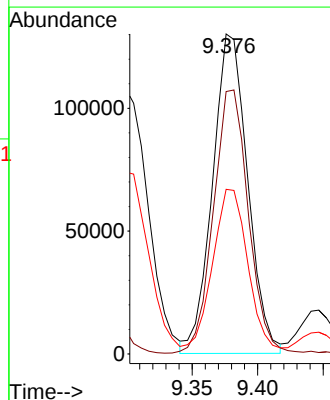
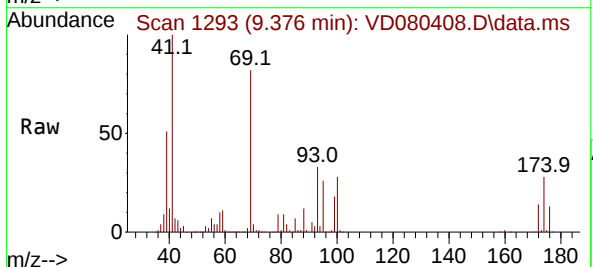
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

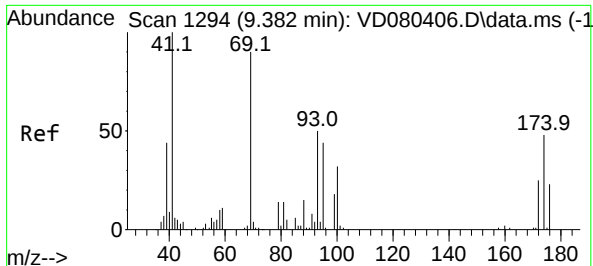
Tgt Ion: 83 Resp: 498671
Ion Ratio Lower Upper
83 100
85 64.3 49.6 74.4
127 8.0 6.5 9.7



#48
Methyl methacrylate
Concen: 165.821 ug/l
RT: 9.376 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 41 Resp: 242365
Ion Ratio Lower Upper
41 100
69 81.7 67.1 100.7
39 48.7 38.2 57.2





#49

1,4-Dioxane

Concen: 3238.972 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VD080408.D

Acq: 04 Jun 2025 10:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

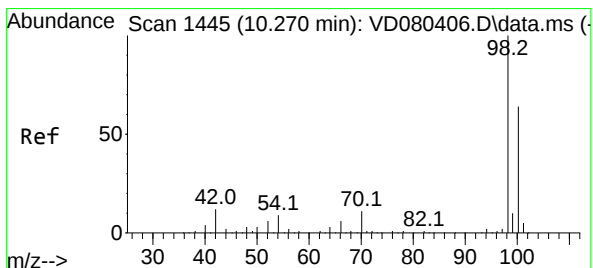
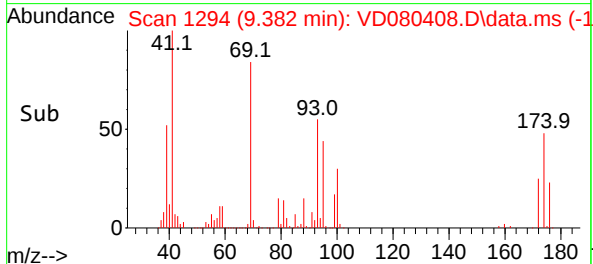
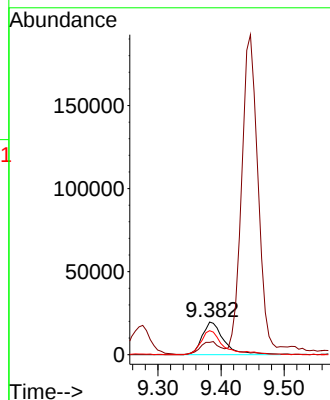
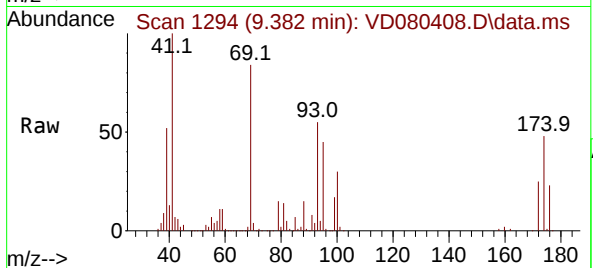
Tgt Ion: 88 Resp: 47180

Ion Ratio Lower Upper

88 100

43 34.3 29.9 44.9

58 69.5 61.8 92.8



#50

Toluene-d8

Concen: 159.843 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080408.D

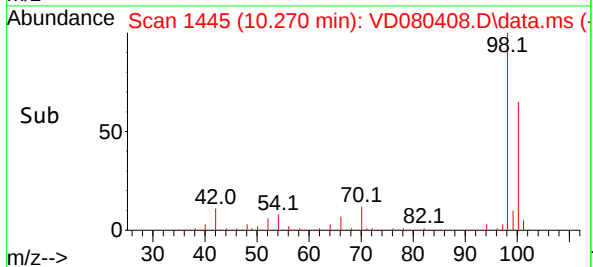
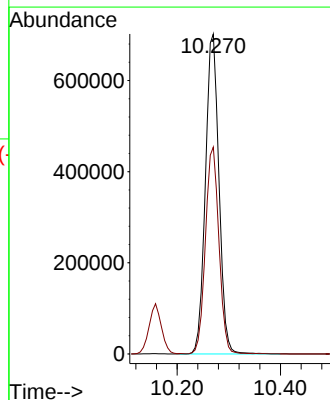
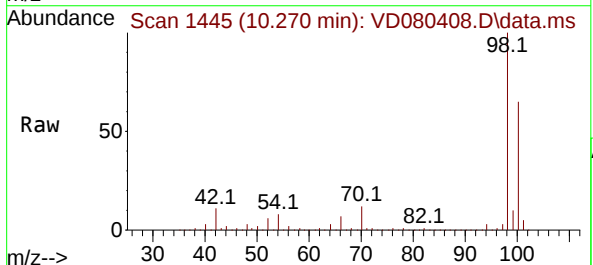
Acq: 04 Jun 2025 10:46

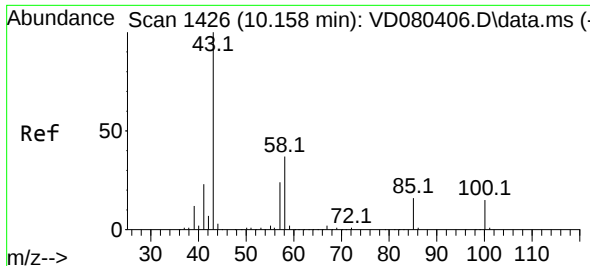
Tgt Ion: 98 Resp: 1274612

Ion Ratio Lower Upper

98 100

100 64.7 50.9 76.3

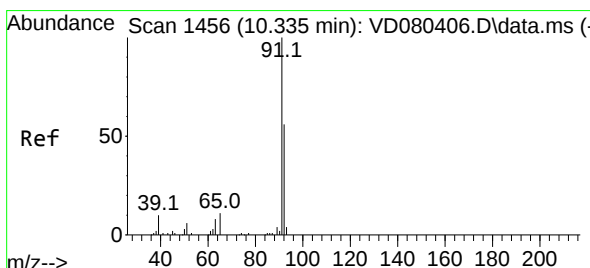
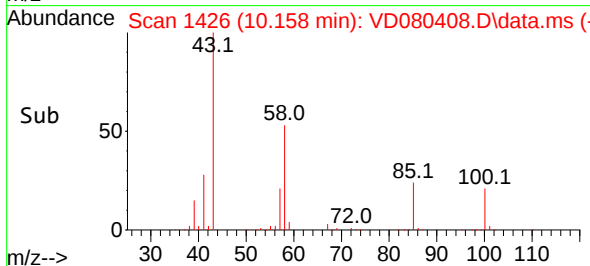
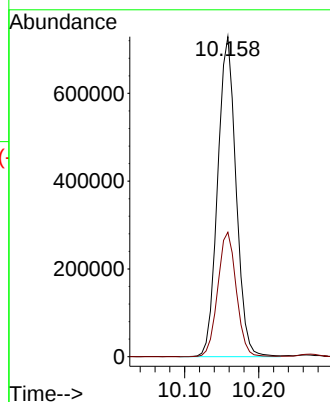
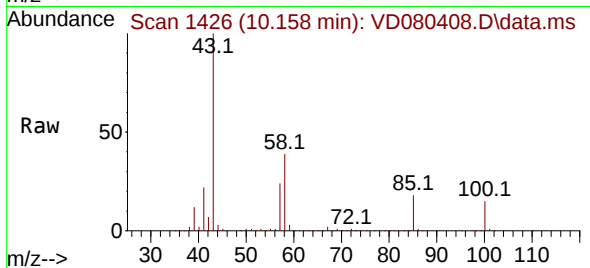




#51
4-Methyl-2-Pentanone
Concen: 823.885 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

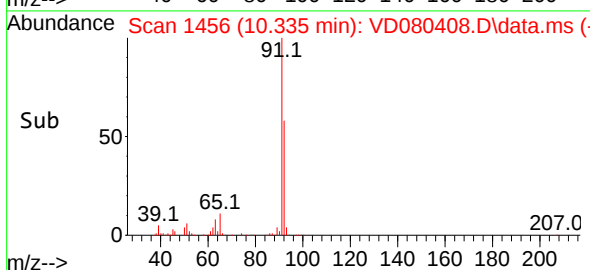
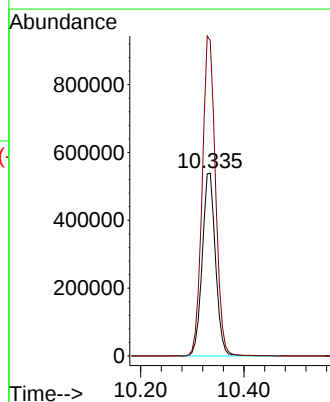
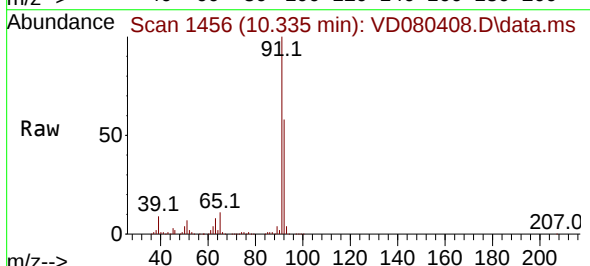
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

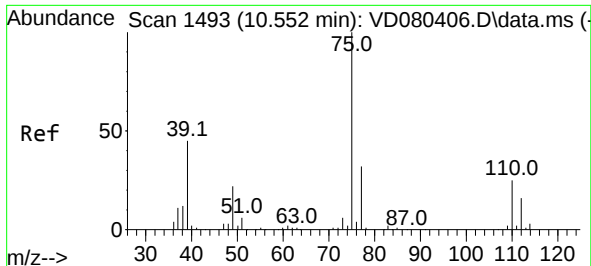
Tgt Ion: 43 Resp: 1254350
Ion Ratio Lower Upper
43 100
58 39.4 30.2 45.2



#52
Toluene
Concen: 165.427 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 92 Resp: 958350
Ion Ratio Lower Upper
92 100
91 175.3 140.5 210.7

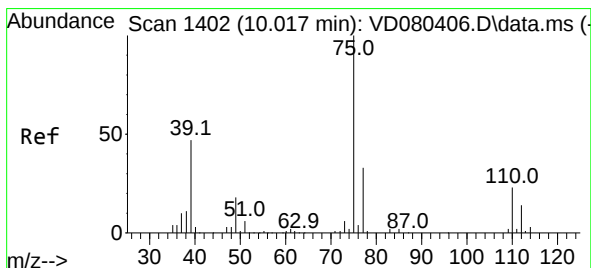
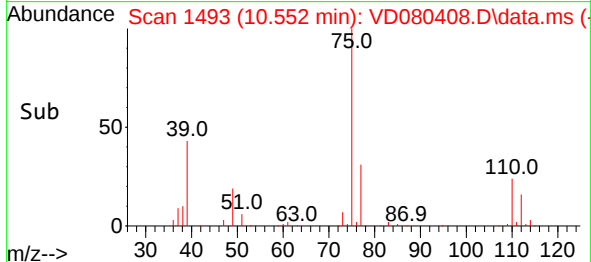
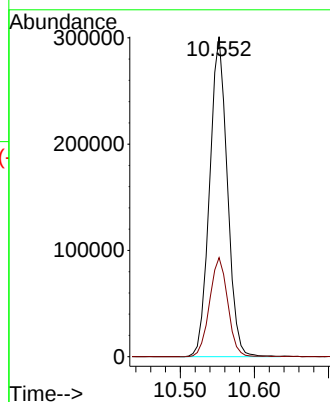
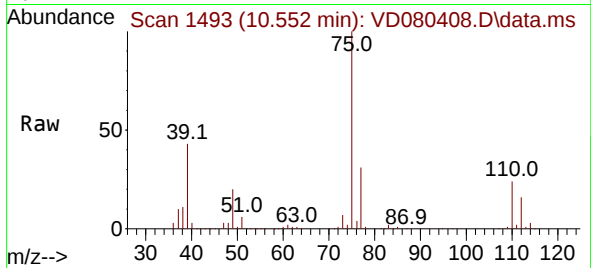




#53
 t-1,3-Dichloropropene
 Concen: 168.658 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VD080408.D
 Acq: 04 Jun 2025 10:46

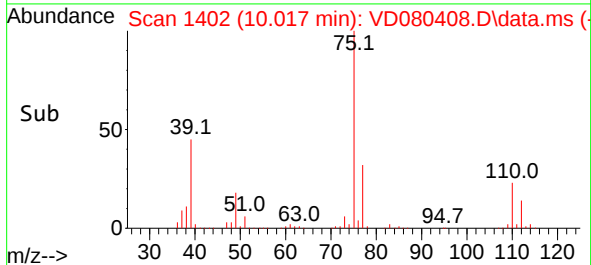
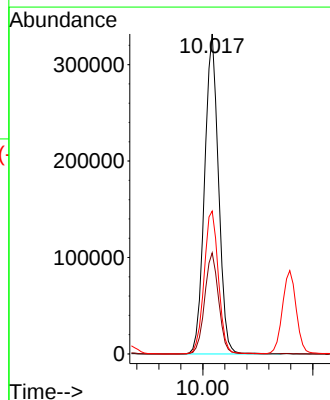
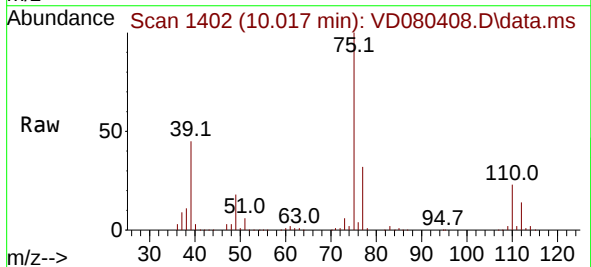
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

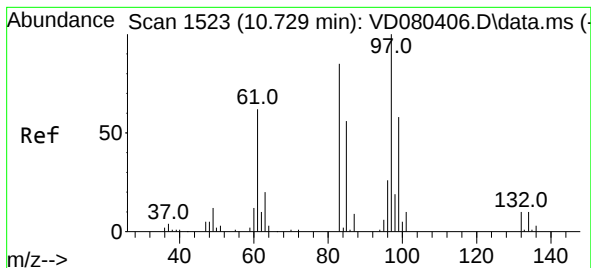
Tgt Ion: 75 Resp: 499073
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 162.638 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: VD080408.D
 Acq: 04 Jun 2025 10:46

Tgt Ion: 75 Resp: 582473
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.6 40.0
 39 44.6 37.8 56.6





#55

1,1,2-Trichloroethane

Concen: 157.222 ug/l

RT: 10.729 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080408.D

Acq: 04 Jun 2025 10:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 267314

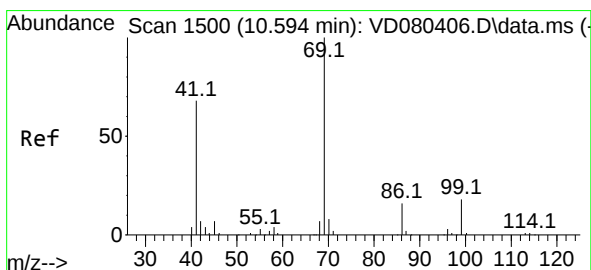
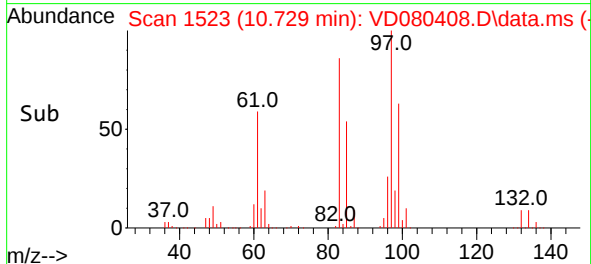
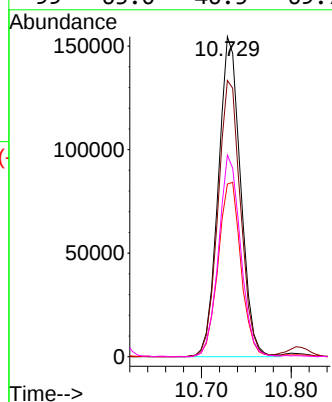
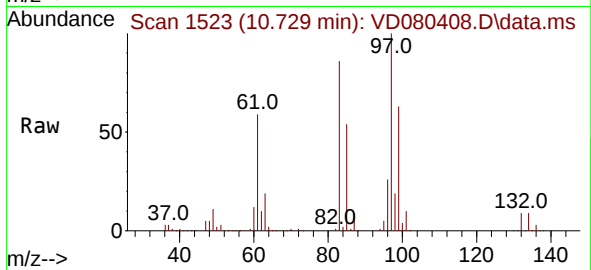
Ion Ratio Lower Upper

97 100

83 86.3 67.6 101.4

85 53.9 45.0 67.6

99 63.0 46.5 69.7



#56

Ethyl methacrylate

Concen: 175.534 ug/l

RT: 10.594 min Scan# 1500

Delta R.T. 0.000 min

Lab File: VD080408.D

Acq: 04 Jun 2025 10:46

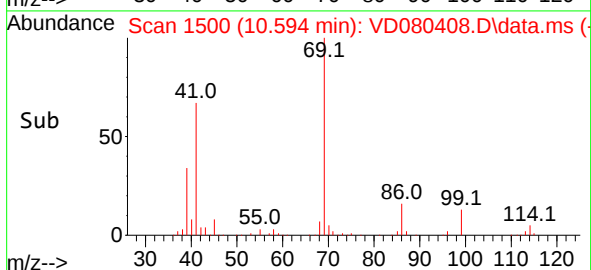
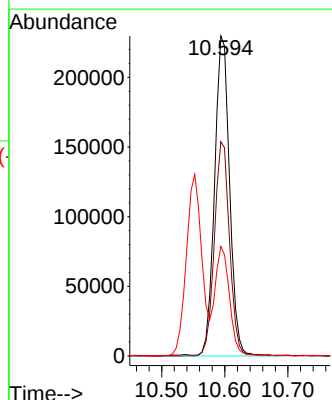
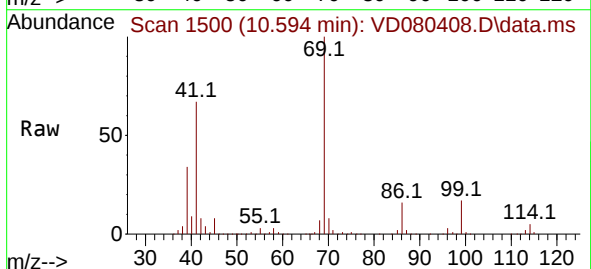
Tgt Ion: 69 Resp: 379367

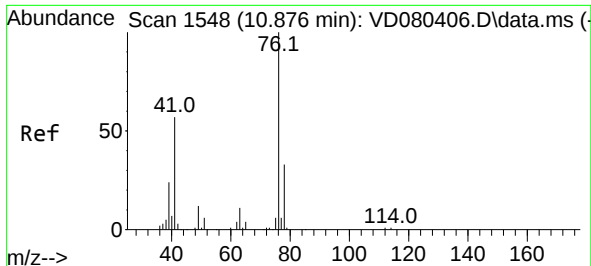
Ion Ratio Lower Upper

69 100

41 67.2 53.6 80.4

39 32.6 27.2 40.8

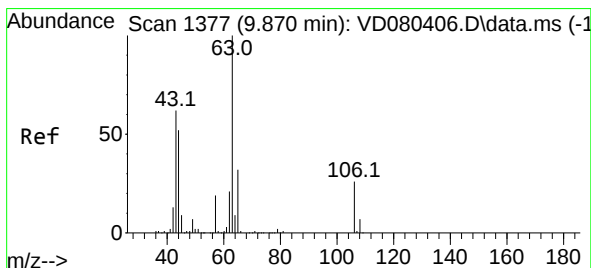
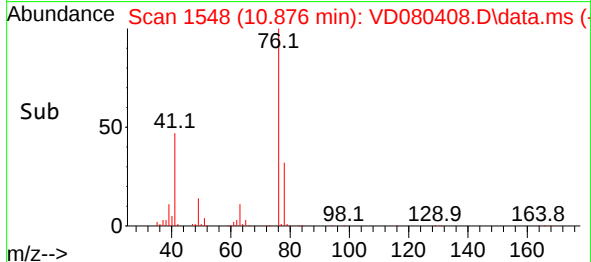
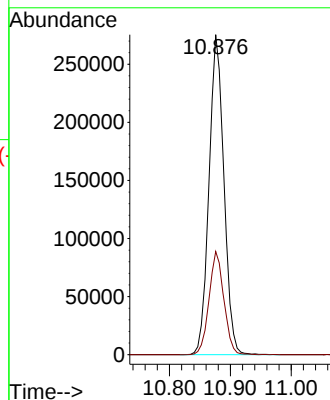
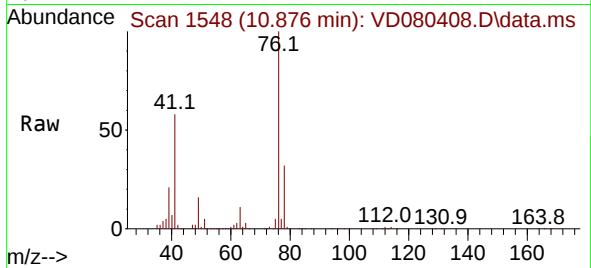




#57
1,3-Dichloropropane
Concen: 160.503 ug/l
RT: 10.876 min Scan# 1548
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

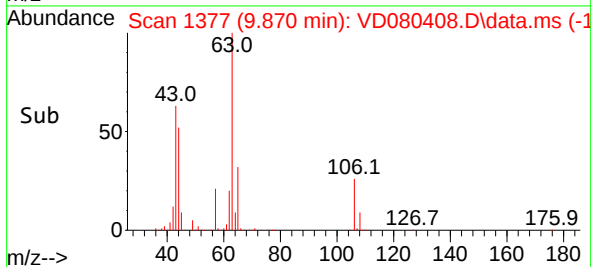
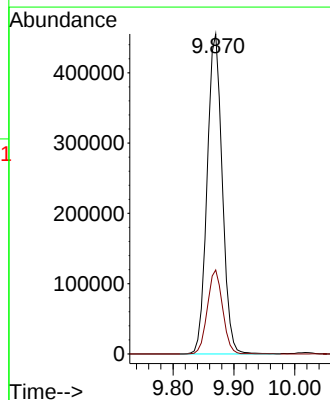
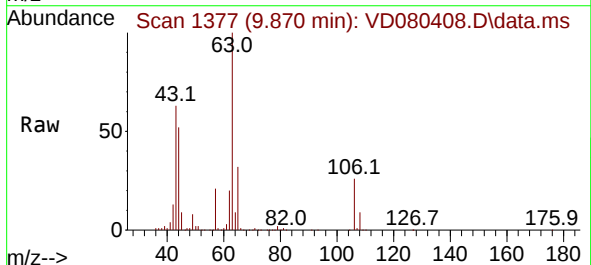
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

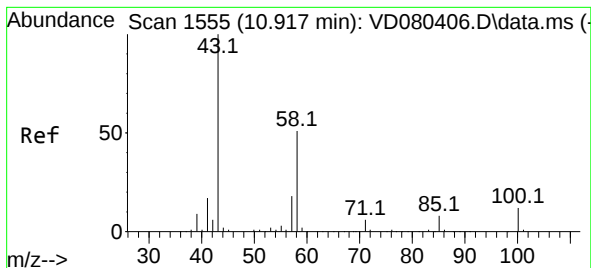
Tgt Ion: 76 Resp: 468090
Ion Ratio Lower Upper
76 100
78 32.2 26.3 39.5



#58
2-Chloroethyl Vinyl ether
Concen: 865.947 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 63 Resp: 784293
Ion Ratio Lower Upper
63 100
106 26.5 21.0 31.6





#59

2-Hexanone

Concen: 839.356 ug/l

RT: 10.917 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD080408.D

Acq: 04 Jun 2025 10:46

Instrument :

MSVOA_D

ClientSampleId :

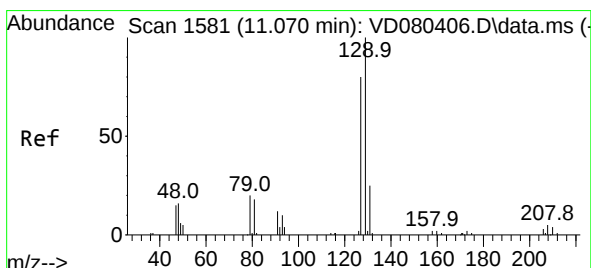
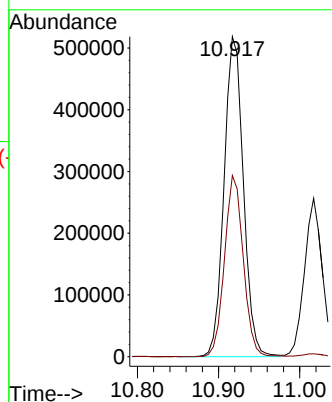
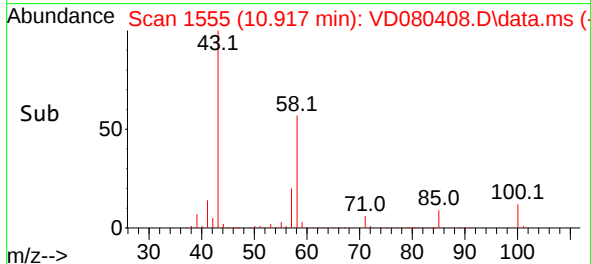
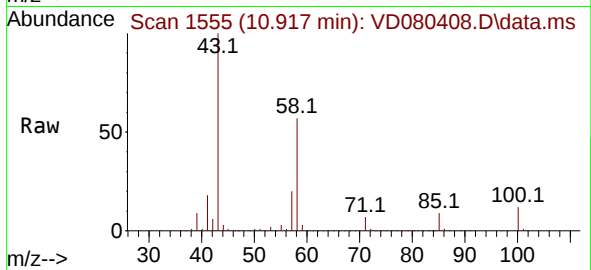
VSTDIC150

Tgt Ion: 43 Resp: 858408

Ion Ratio Lower Upper

43 100

58 55.0 26.9 80.6



#60

Dibromochloromethane

Concen: 161.061 ug/l

RT: 11.070 min Scan# 1581

Delta R.T. 0.000 min

Lab File: VD080408.D

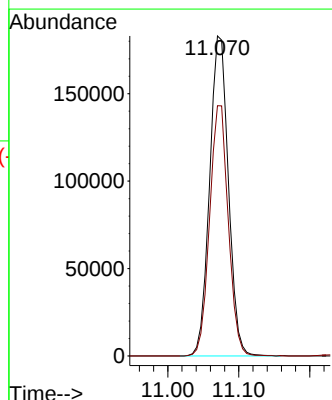
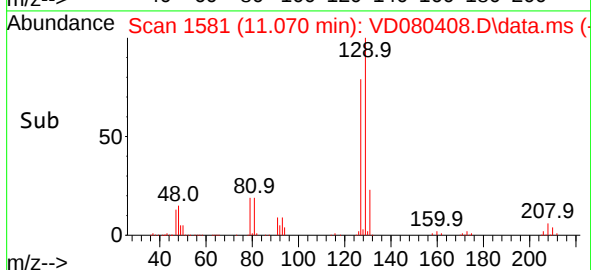
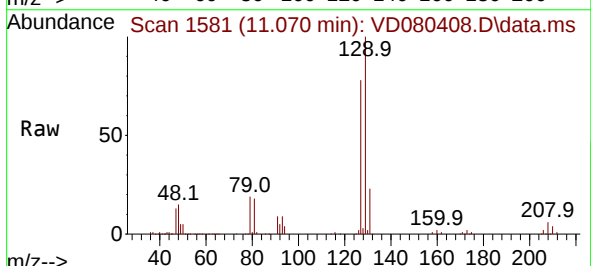
Acq: 04 Jun 2025 10:46

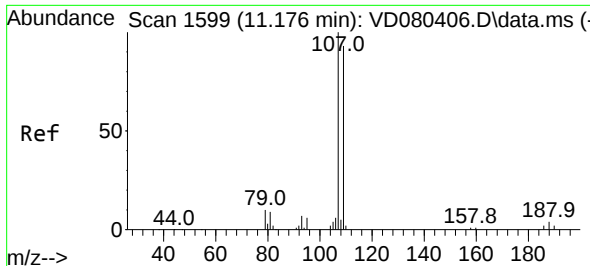
Tgt Ion: 129 Resp: 335729

Ion Ratio Lower Upper

129 100

127 77.8 38.2 114.6

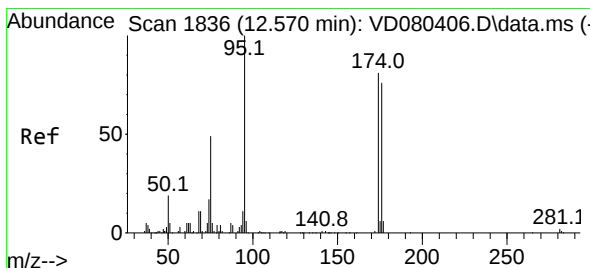
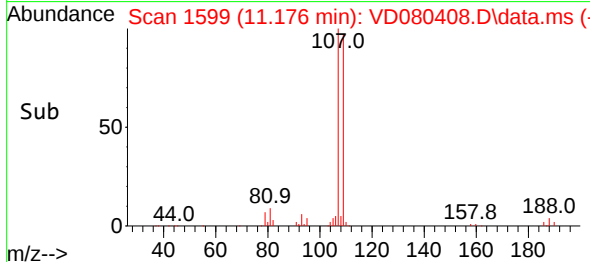
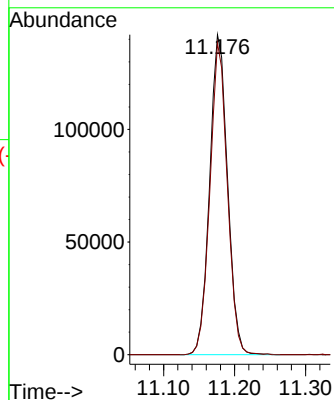
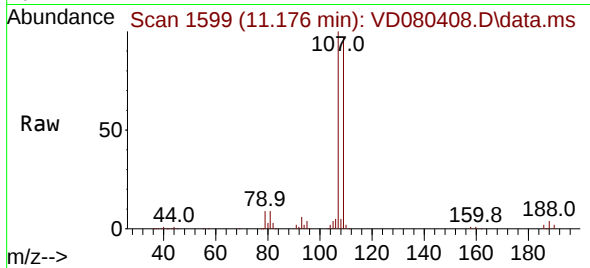




#61
1,2-Dibromoethane
Concen: 163.946 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

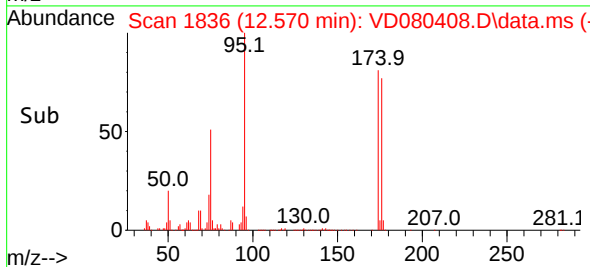
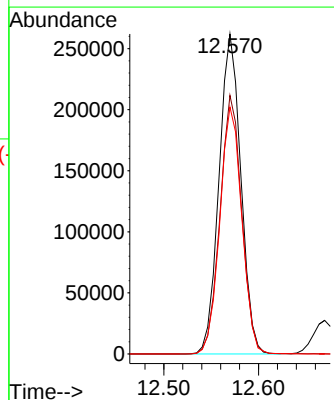
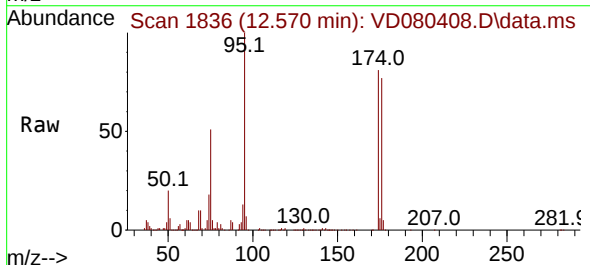
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

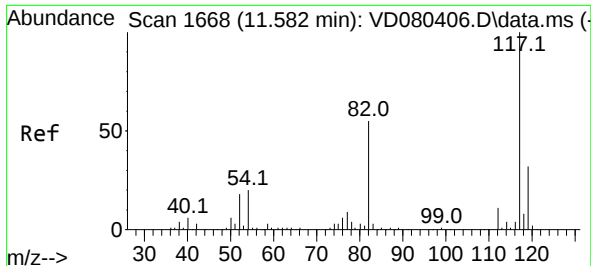
Tgt Ion:107 Resp: 248652
Ion Ratio Lower Upper
107 100
109 94.8 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 167.556 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 95 Resp: 419581
Ion Ratio Lower Upper
95 100
174 80.5 0.0 164.4
176 77.7 0.0 155.8

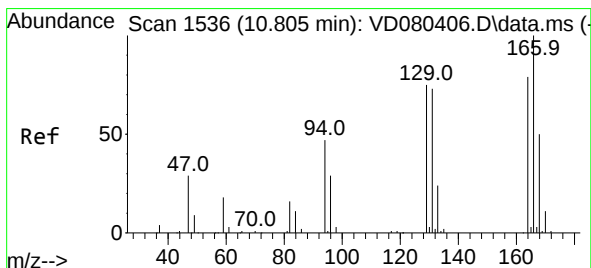
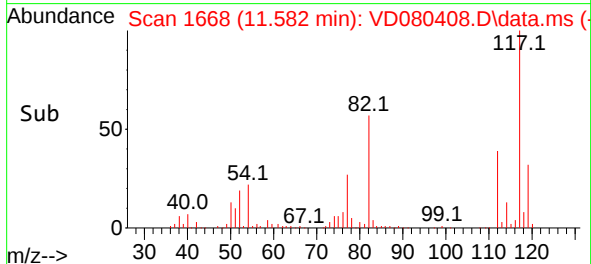
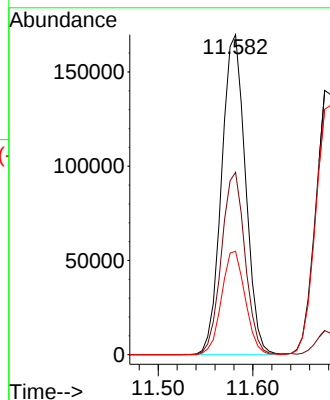
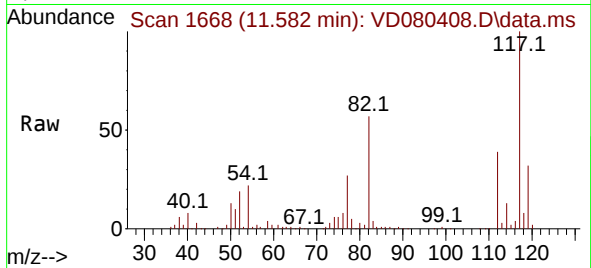




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

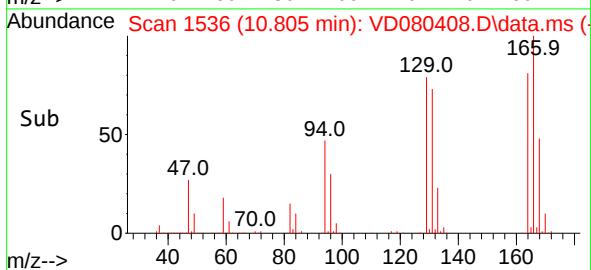
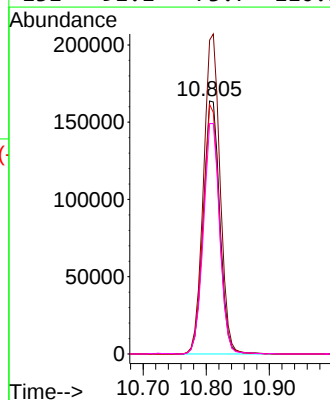
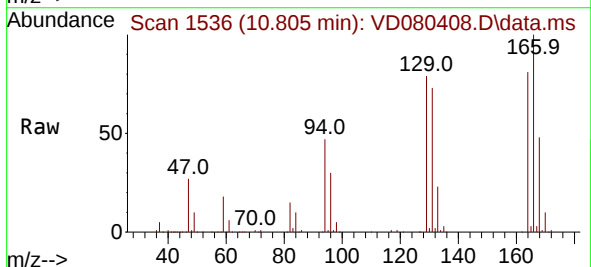
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

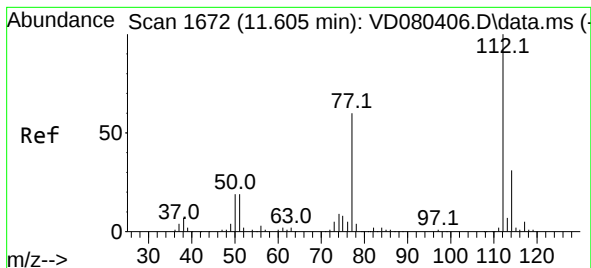
Tgt Ion:117 Resp: 297758
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.2
119 32.3 25.3 37.9



#64
Tetrachloroethene
Concen: 148.465 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion:164 Resp: 296815
Ion Ratio Lower Upper
164 100
166 124.1 101.7 152.5
129 98.6 76.6 114.8
131 91.1 73.7 110.5

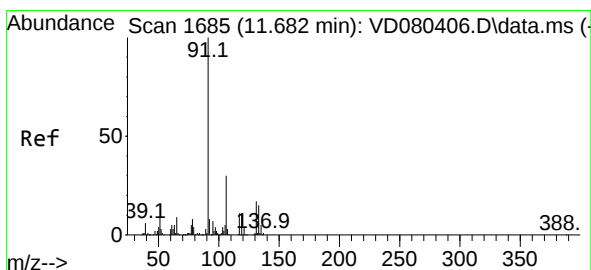
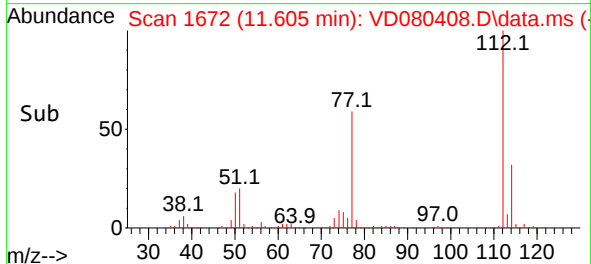
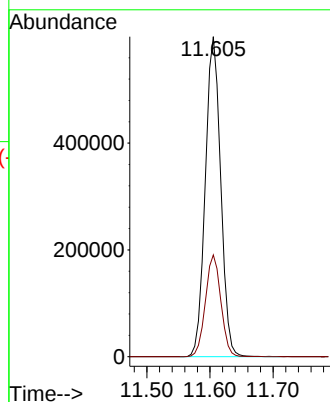
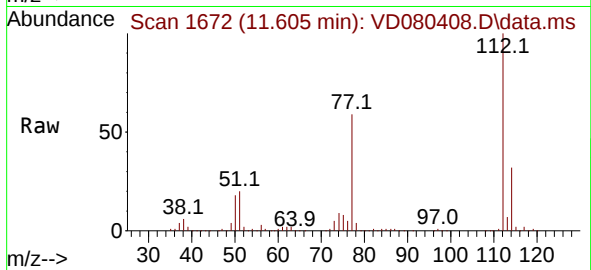




#65
Chlorobenzene
Concen: 153.683 ug/l
RT: 11.605 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

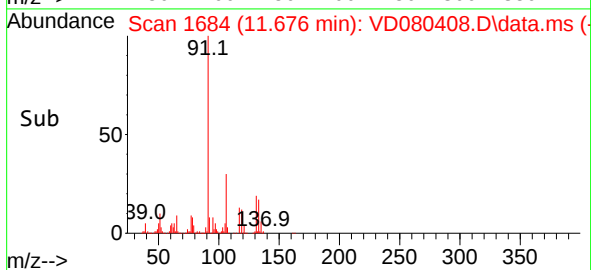
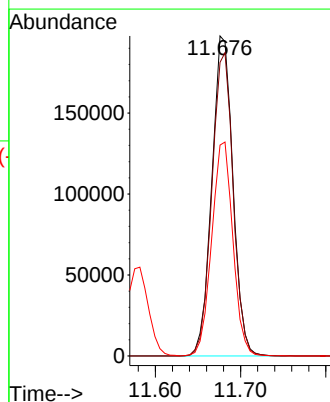
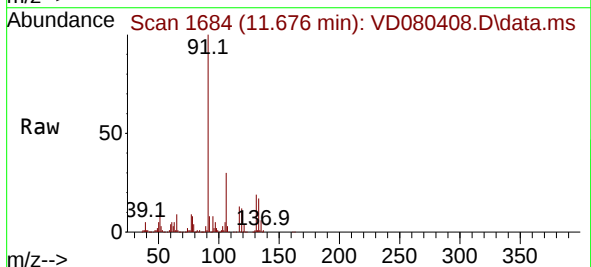
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

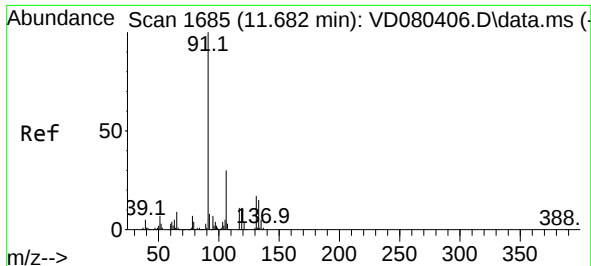
Tgt Ion:112 Resp: 1012167
Ion Ratio Lower Upper
112 100
114 31.8 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 153.538 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion:131 Resp: 339499
Ion Ratio Lower Upper
131 100
133 95.7 45.9 137.6
119 67.2 33.1 99.5

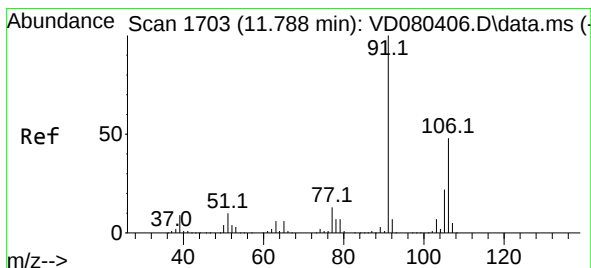
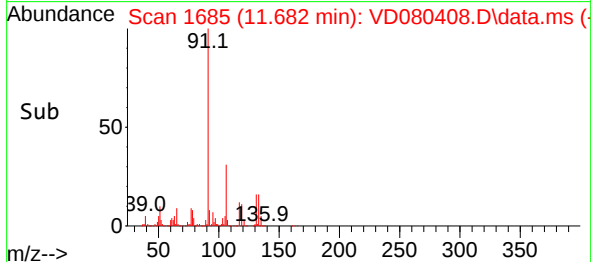
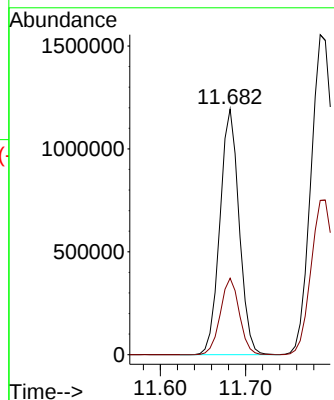
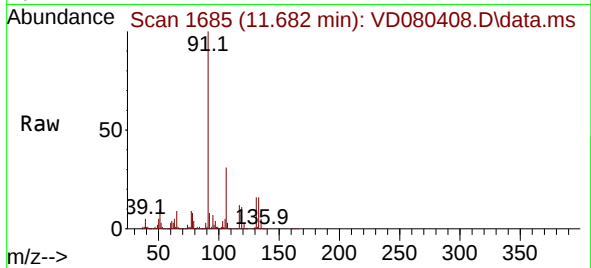




#67
Ethyl Benzene
Concen: 164.830 ug/l
RT: 11.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

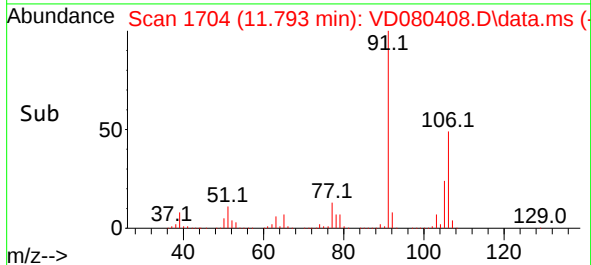
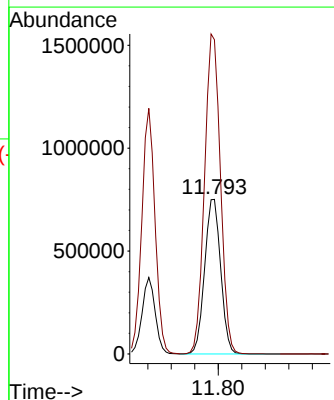
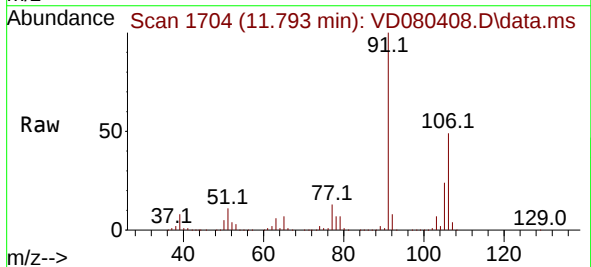
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

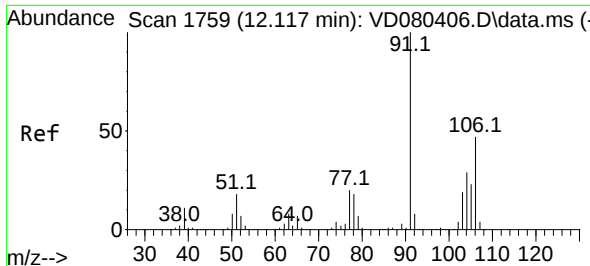
Tgt Ion: 91 Resp: 1868126
Ion Ratio Lower Upper
91 100
106 31.1 24.4 36.6



#68
m/p-Xylenes
Concen: 330.367 ug/l
RT: 11.793 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion:106 Resp: 1420882
Ion Ratio Lower Upper
106 100
91 205.1 163.6 245.4

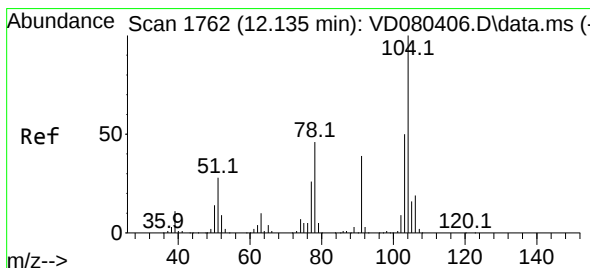
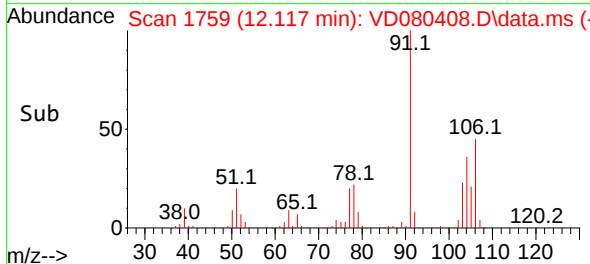
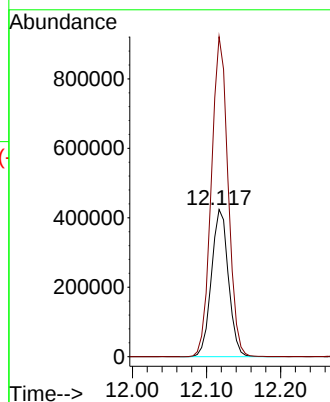
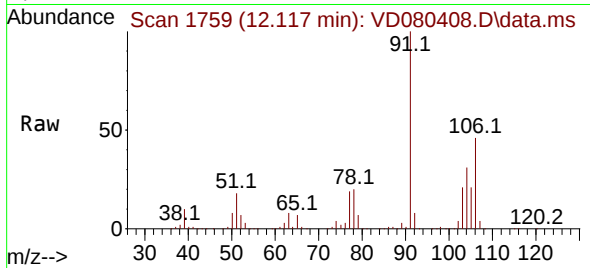




#69
o-Xylene
Concen: 168.959 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

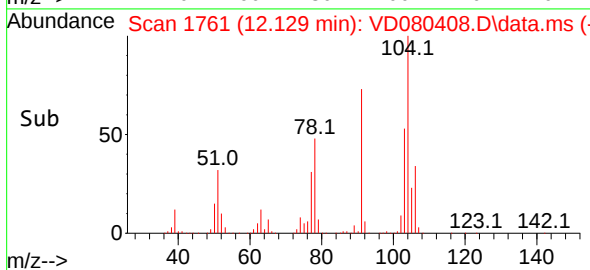
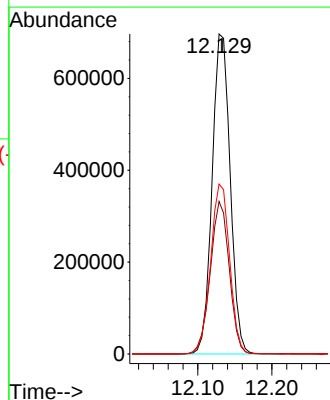
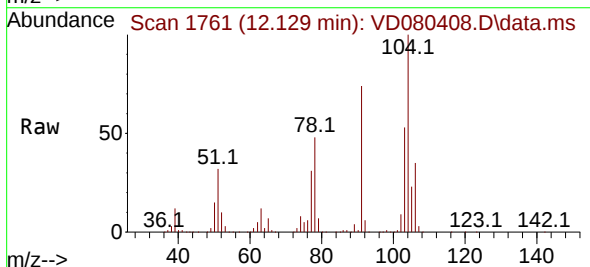
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

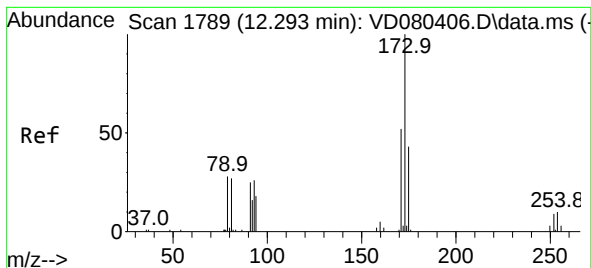
Tgt Ion:106 Resp: 674277
Ion Ratio Lower Upper
106 100
91 214.5 108.2 324.6



#70
Styrene
Concen: 167.511 ug/l
RT: 12.129 min Scan# 1761
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion:104 Resp: 1179898
Ion Ratio Lower Upper
104 100
78 50.1 39.9 59.9
103 56.0 45.0 67.4





#71

Bromoform

Concen: 151.475 ug/l

RT: 12.293 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD080408.D

Acq: 04 Jun 2025 10:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

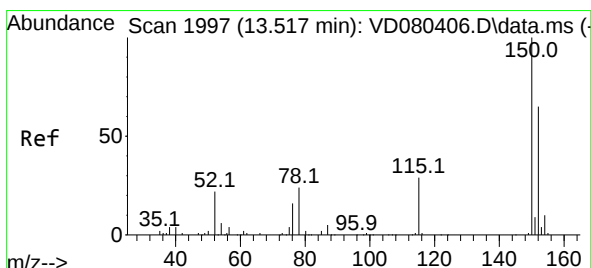
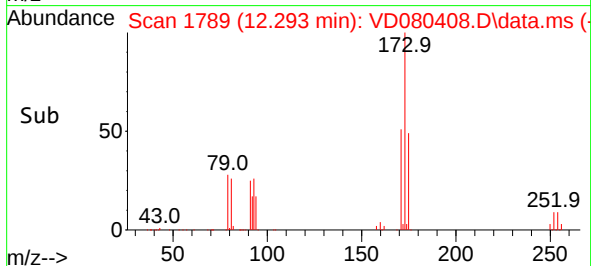
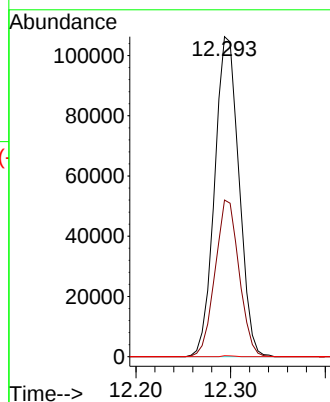
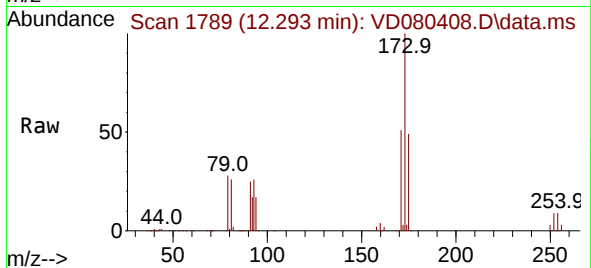
Tgt Ion:173 Resp: 189345

Ion Ratio Lower Upper

173 100

175 48.3 23.4 70.2

254 0.1 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: VD080408.D

Acq: 04 Jun 2025 10:46

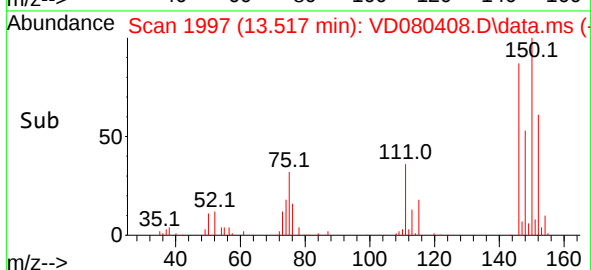
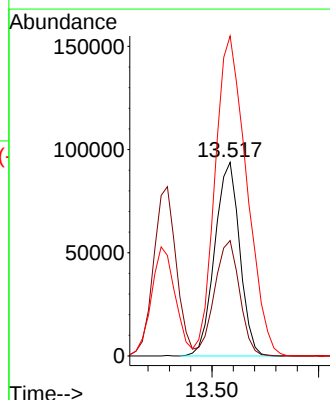
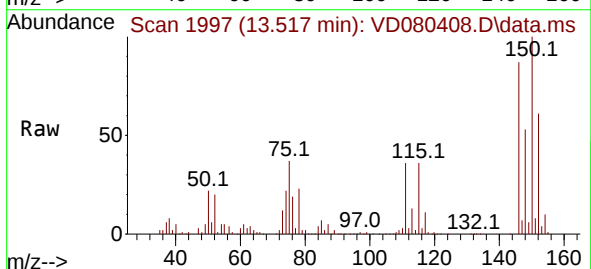
Tgt Ion:152 Resp: 152527

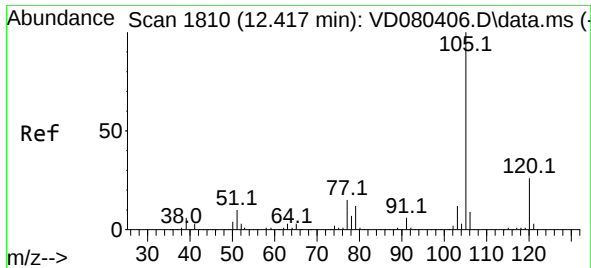
Ion Ratio Lower Upper

152 100

115 60.4 30.1 90.5

150 209.3 0.0 354.2

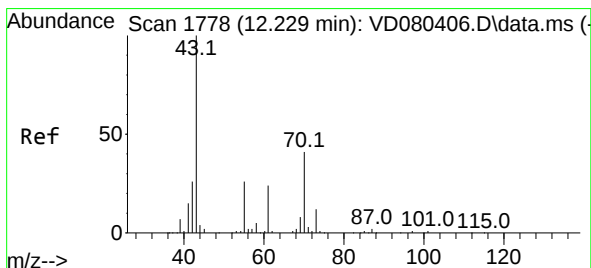
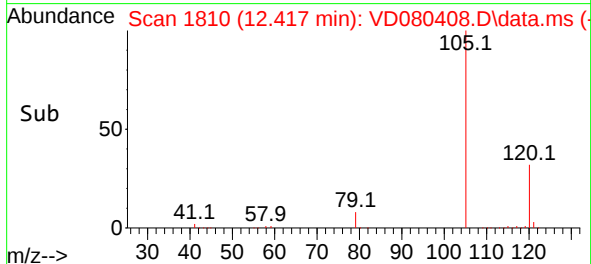
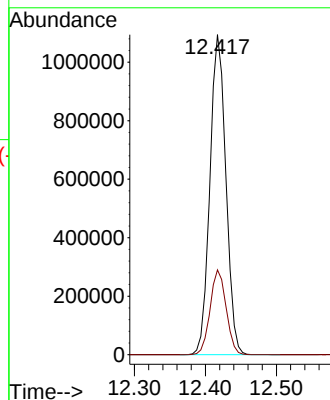
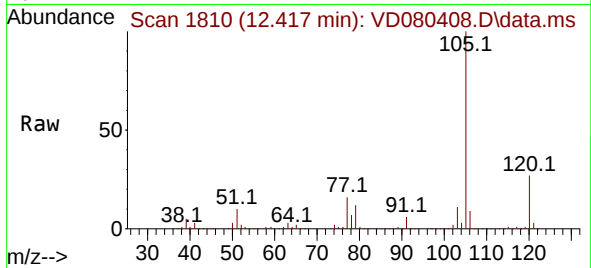




#73
Isopropylbenzene
Concen: 165.053 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

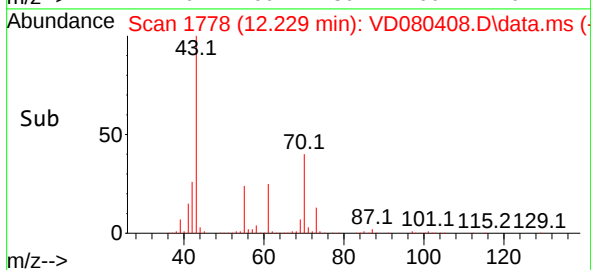
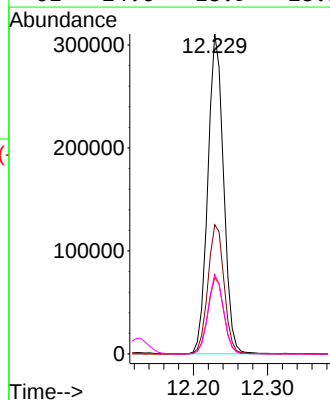
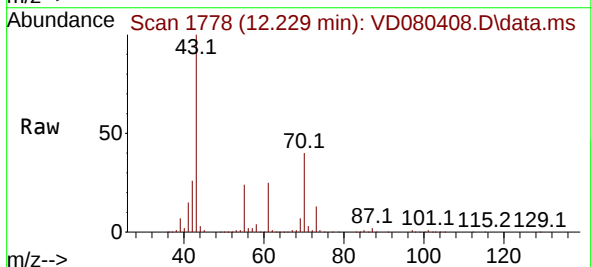
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

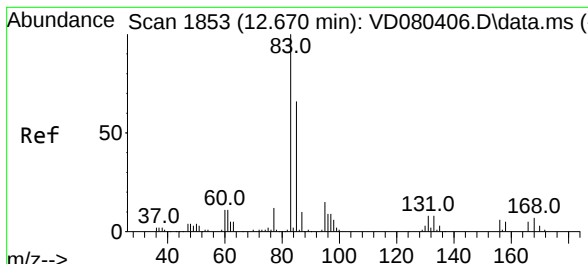
Tgt Ion:105 Resp: 1708884
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.7



#74
N-ethyl acetate
Concen: 157.998 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 43 Resp: 456729
Ion Ratio Lower Upper
43 100
70 41.6 32.6 48.8
55 24.4 20.0 30.0
61 24.6 18.9 28.3

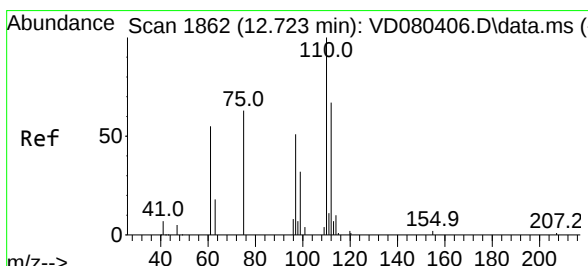
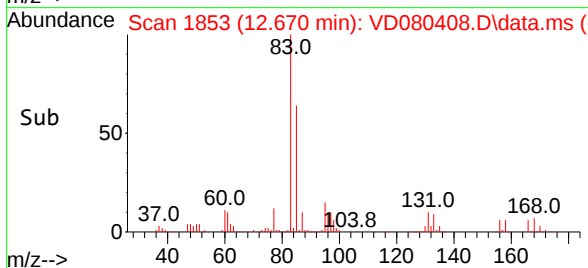
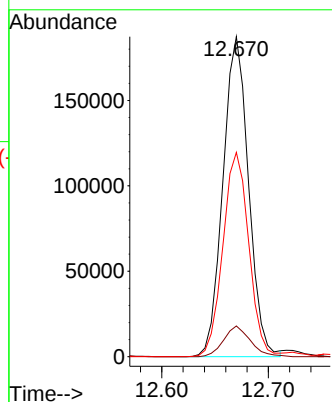
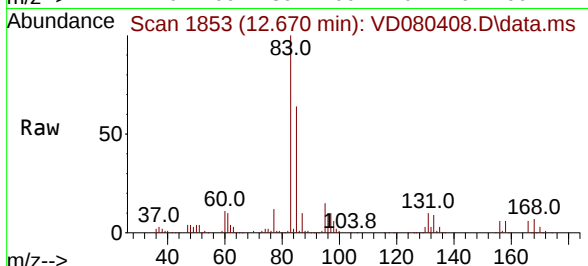




#75
 1,1,2,2-Tetrachloroethane
 Concen: 145.684 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VD080408.D
 Acq: 04 Jun 2025 10:46

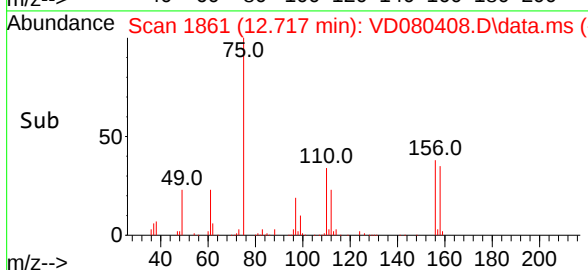
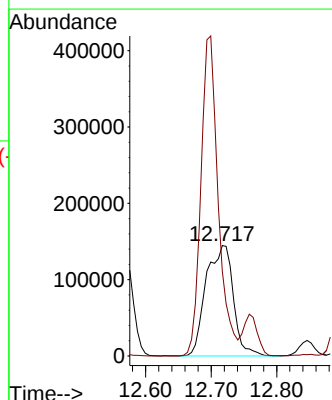
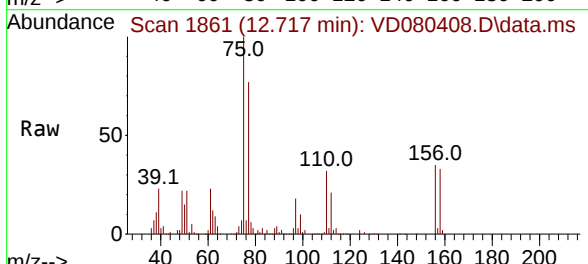
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

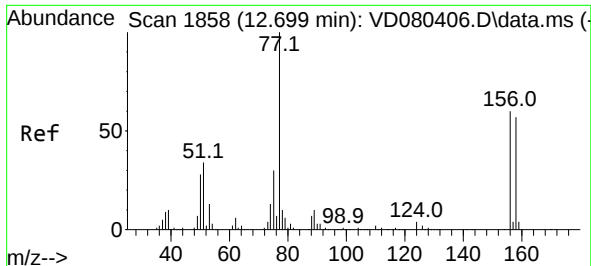
Tgt Ion: 83 Resp: 311988
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.6 13.8
 85 64.5 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 236.658 ug/l
 RT: 12.717 min Scan# 1861
 Delta R.T. -0.006 min
 Lab File: VD080408.D
 Acq: 04 Jun 2025 10:46

Tgt Ion: 75 Resp: 416875
 Ion Ratio Lower Upper
 75 100
 77 185.4 0.0 0.0#

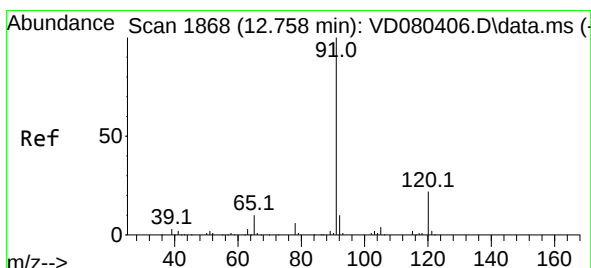
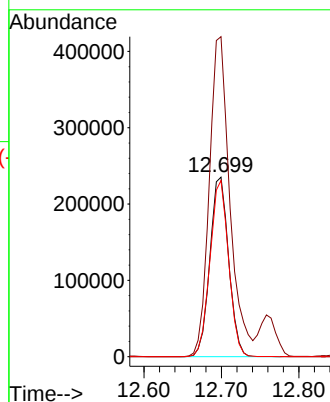
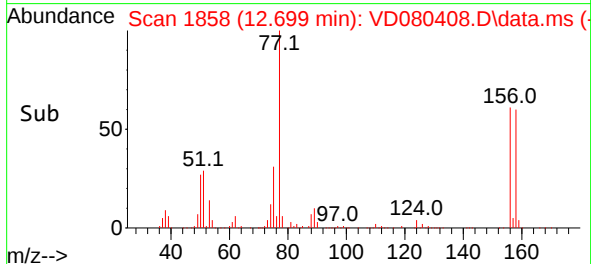
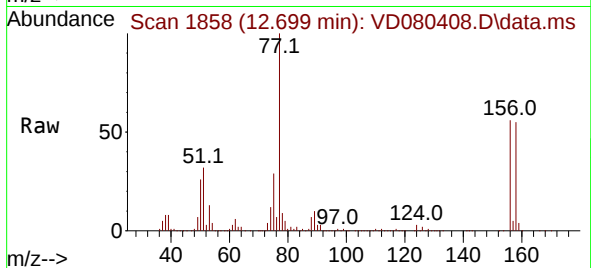




#77
Bromobenzene
Concen: 154.213 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

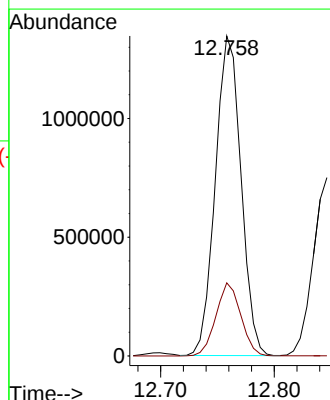
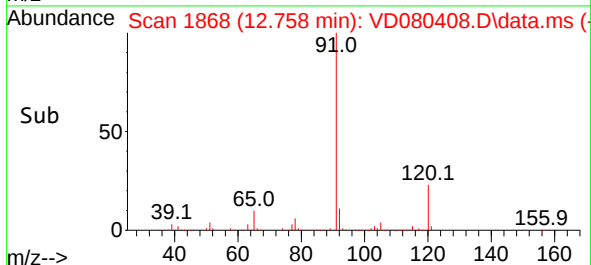
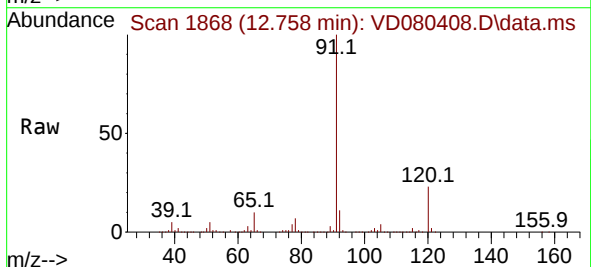
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

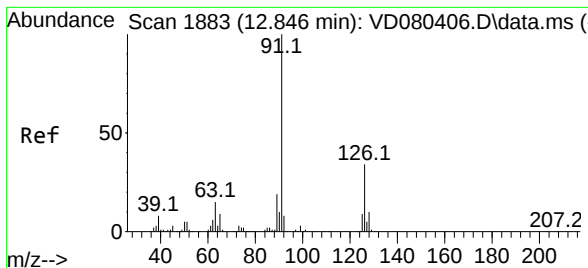
Tgt Ion:156 Resp: 395910
Ion Ratio Lower Upper
156 100
77 195.2 95.3 286.1
158 97.3 48.0 144.0



#78
n-propylbenzene
Concen: 157.203 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 91 Resp: 2113669
Ion Ratio Lower Upper
91 100
120 22.2 11.2 33.5

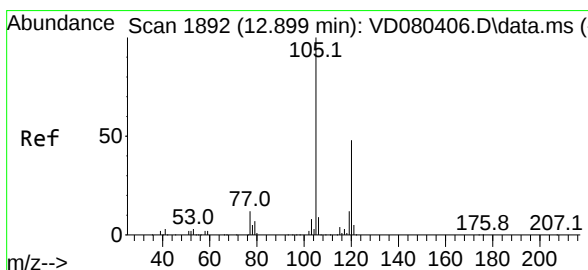
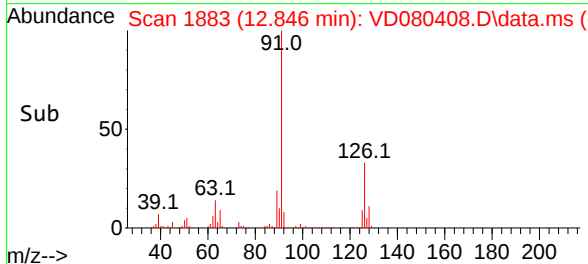
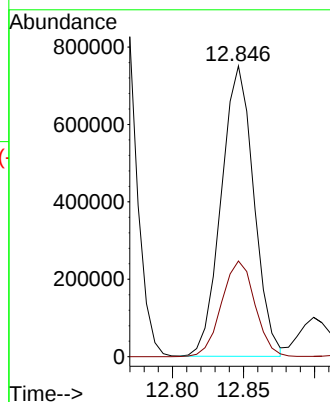
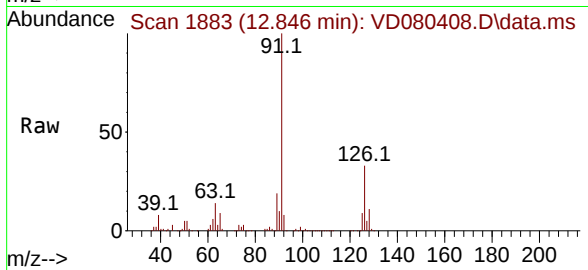




#79
2-Chlorotoluene
Concen: 156.225 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

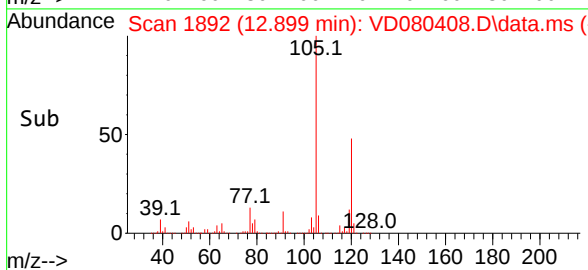
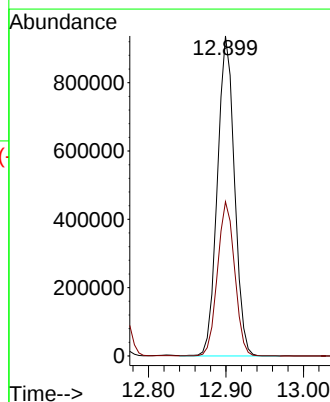
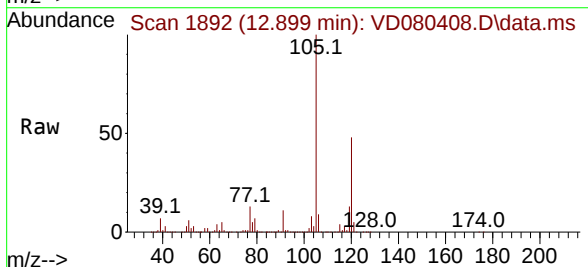
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

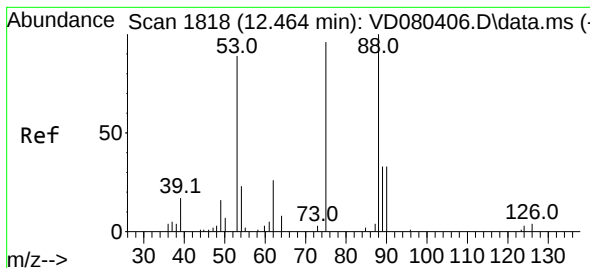
Tgt Ion: 91 Resp: 1200912
Ion Ratio Lower Upper
91 100
126 33.7 16.5 49.5



#80
1,3,5-Trimethylbenzene
Concen: 161.538 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 105 Resp: 1431725
Ion Ratio Lower Upper
105 100
120 48.5 23.8 71.4

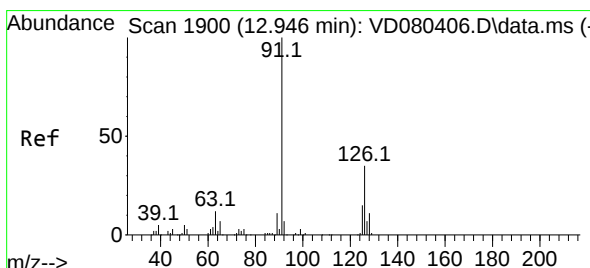
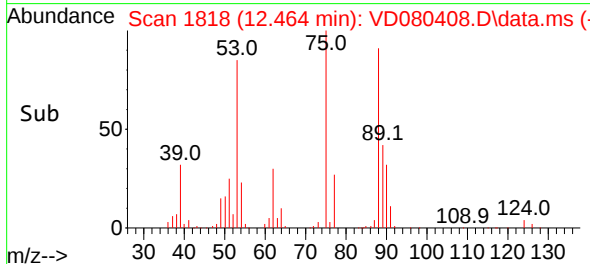
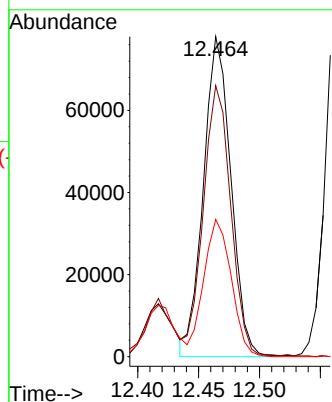
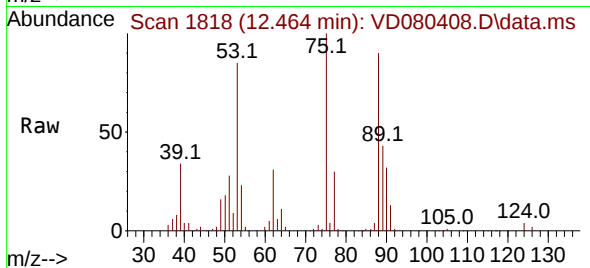




#81
trans-1,4-Dichloro-2-butene
Concen: 155.607 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

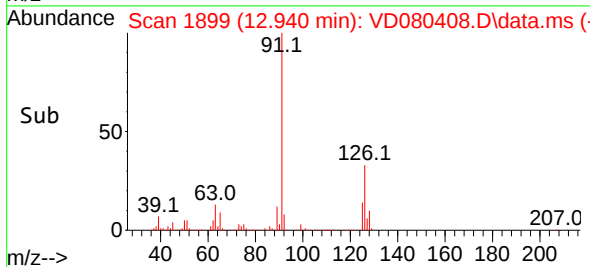
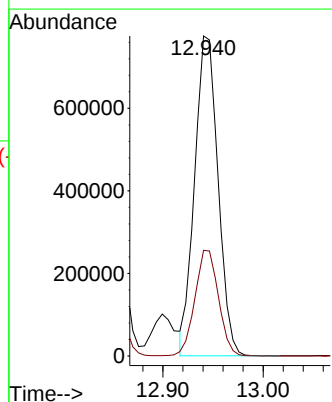
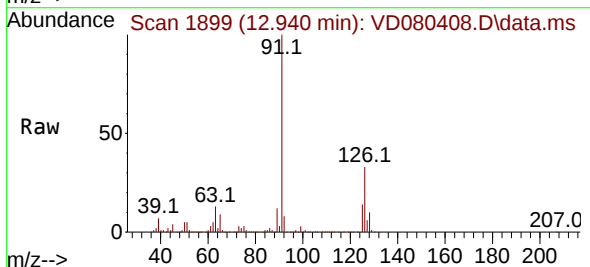
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

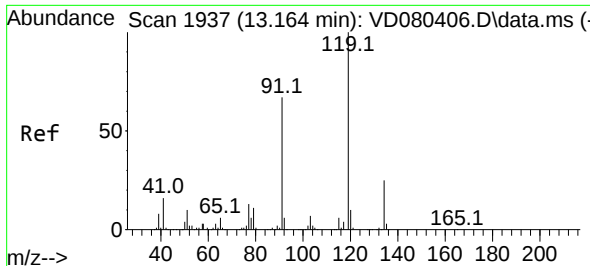
Tgt Ion: 75 Resp: 122442
Ion Ratio Lower Upper
75 100
53 84.6 69.9 104.9
89 42.9 34.1 51.1



#82
4-Chlorotoluene
Concen: 153.735 ug/l
RT: 12.940 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 91 Resp: 1258093
Ion Ratio Lower Upper
91 100
126 33.4 16.5 49.5

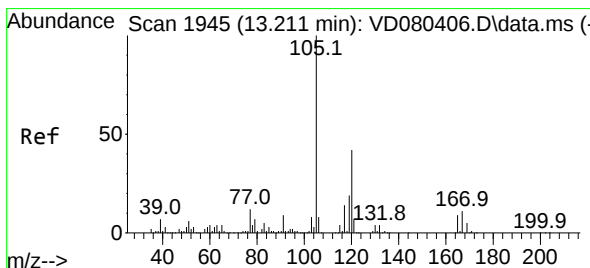
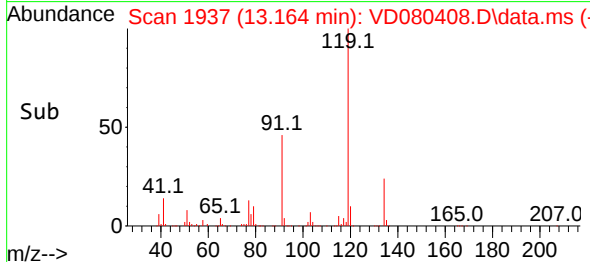
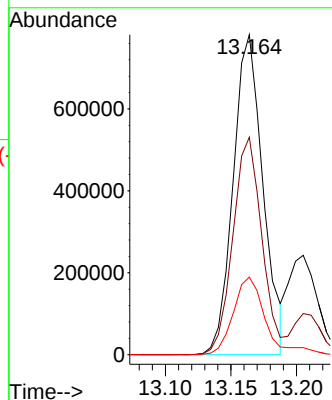
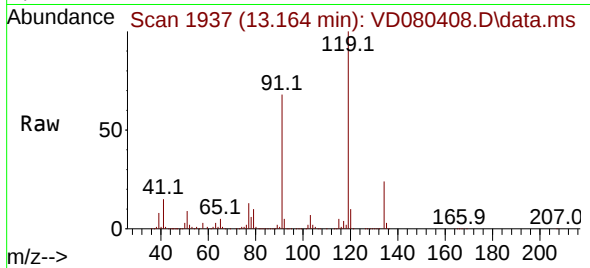




#83
tert-Butylbenzene
Concen: 167.238 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

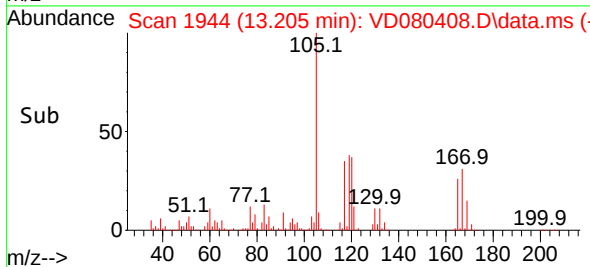
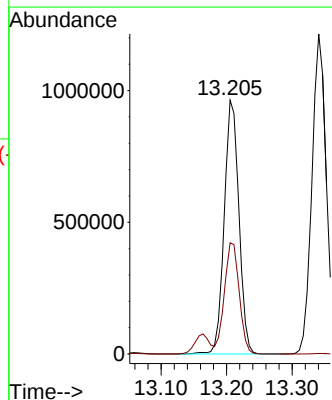
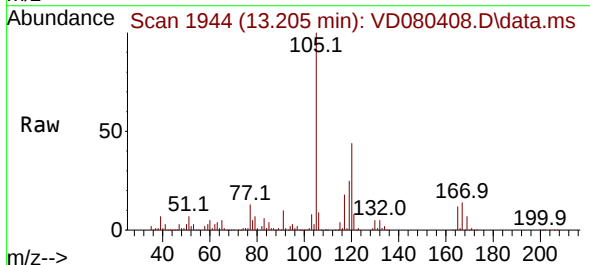
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

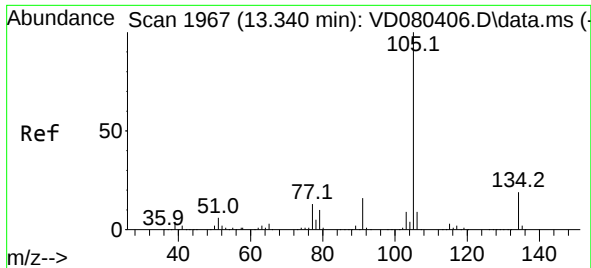
Tgt Ion:119 Resp: 1233775
Ion Ratio Lower Upper
119 100
91 65.8 34.2 102.5
134 26.2 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 166.793 ug/l
RT: 13.205 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion:105 Resp: 1492083
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.5

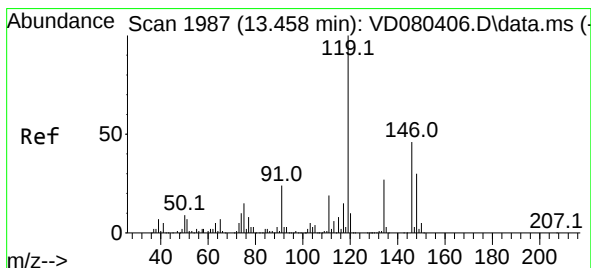
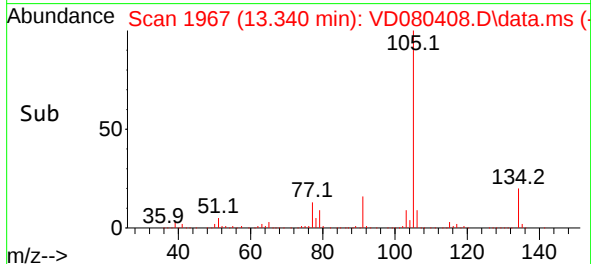
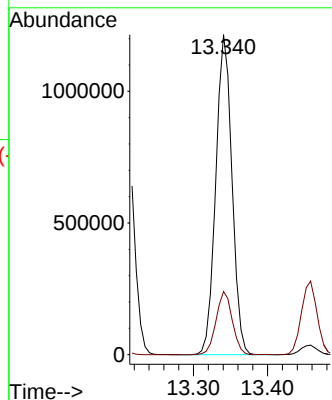
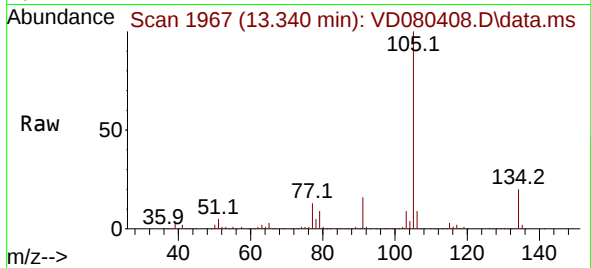




#85
 sec-Butylbenzene
 Concen: 162.623 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080408.D
 Acq: 04 Jun 2025 10:46

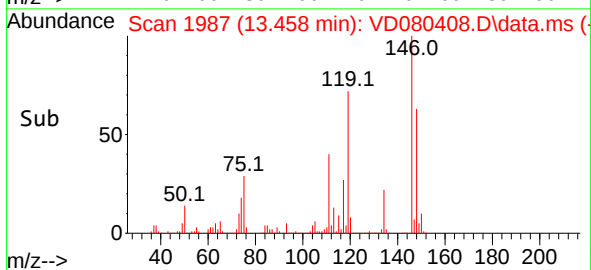
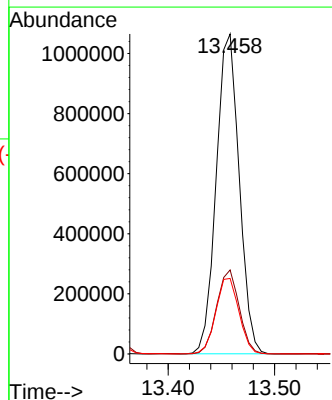
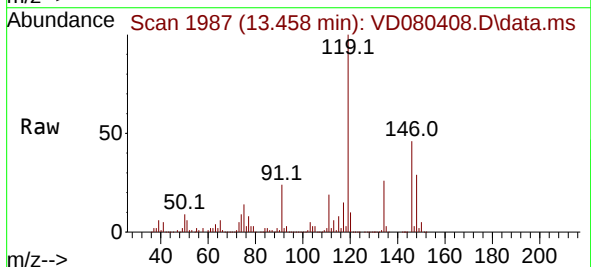
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

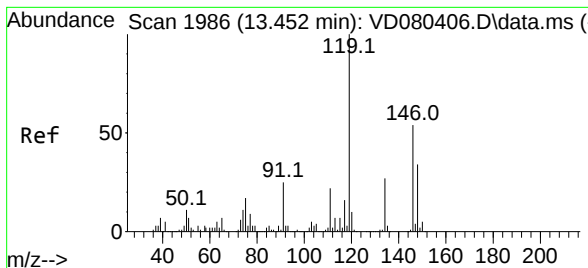
Tgt Ion:105 Resp: 1840375
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 165.809 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080408.D
 Acq: 04 Jun 2025 10:46

Tgt Ion:119 Resp: 1591157
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.9
 91 23.9 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 156.431 ug/l

RT: 13.452 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VD080408.D

Acq: 04 Jun 2025 10:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

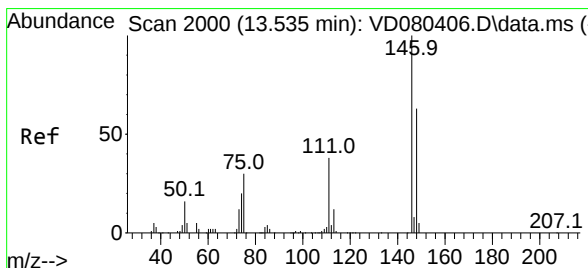
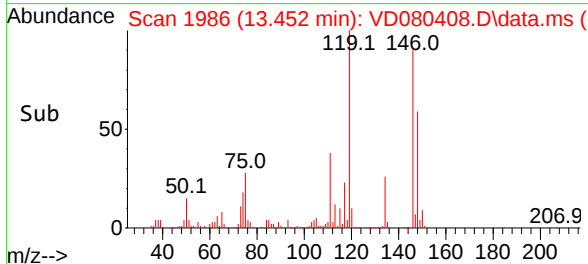
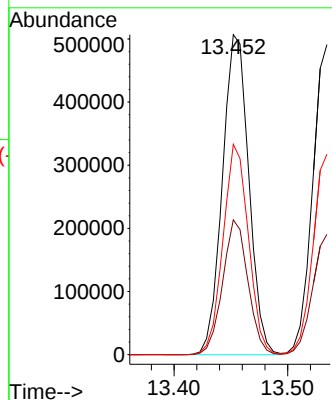
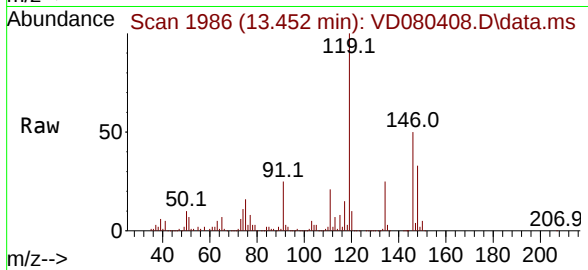
Tgt Ion:146 Resp: 817829

Ion Ratio Lower Upper

146 100

111 40.3 20.3 60.8

148 63.3 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 148.400 ug/l

RT: 13.535 min Scan# 2000

Delta R.T. 0.000 min

Lab File: VD080408.D

Acq: 04 Jun 2025 10:46

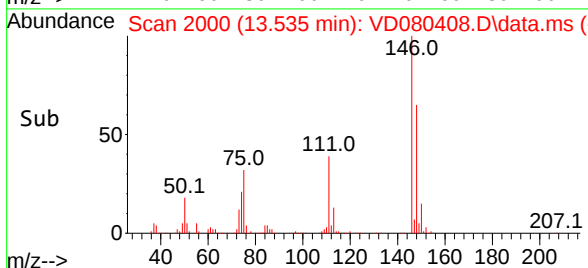
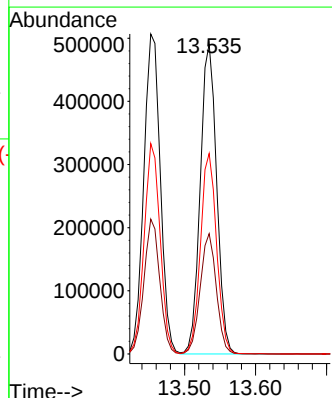
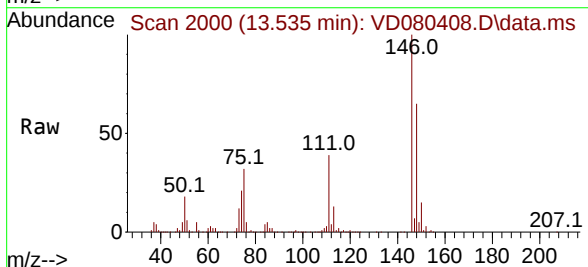
Tgt Ion:146 Resp: 790283

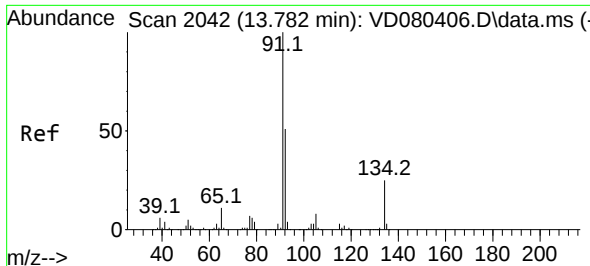
Ion Ratio Lower Upper

146 100

111 38.1 19.0 57.0

148 63.8 31.2 93.6

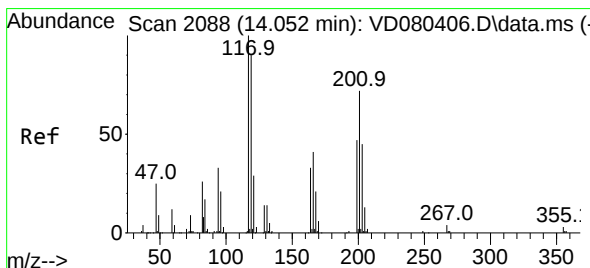
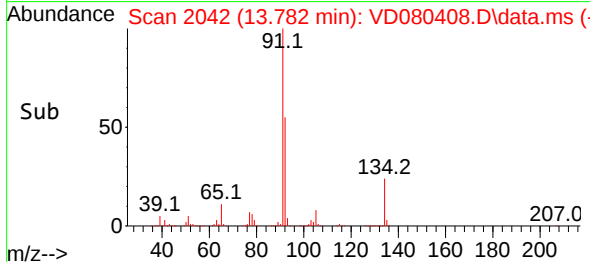
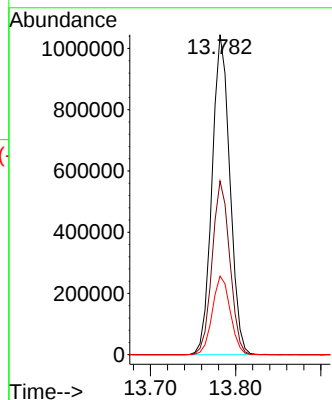
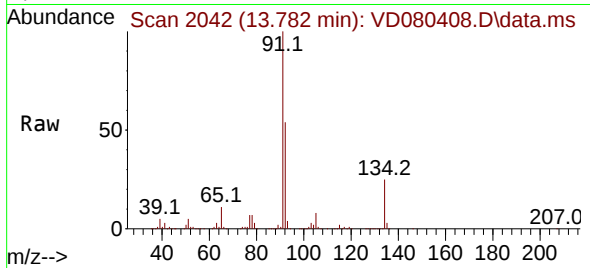




#89
n-Butylbenzene
Concen: 160.917 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

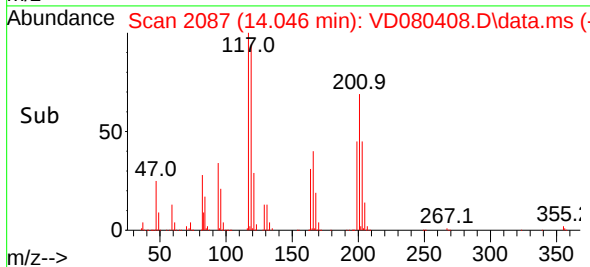
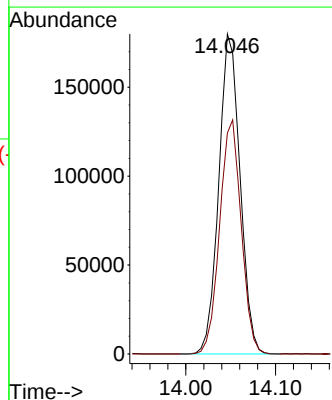
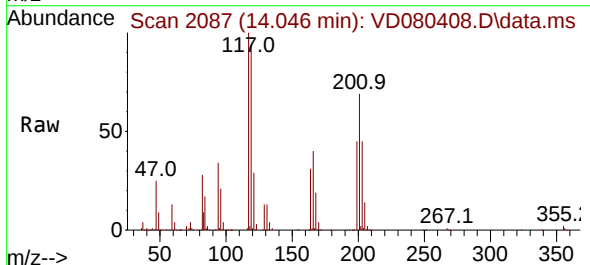
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

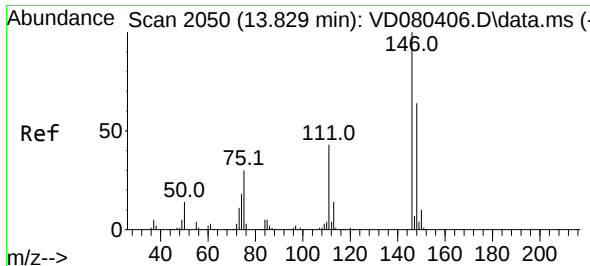
Tgt Ion: 91 Resp: 1523736
Ion Ratio Lower Upper
91 100
92 53.6 26.5 79.5
134 24.7 12.3 36.8



#90
Hexachloroethane
Concen: 146.815 ug/l
RT: 14.046 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 117 Resp: 296340
Ion Ratio Lower Upper
117 100
201 73.9 36.6 109.8

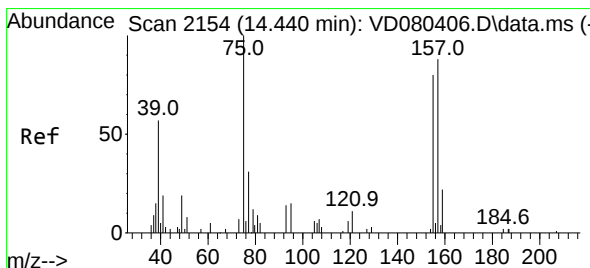
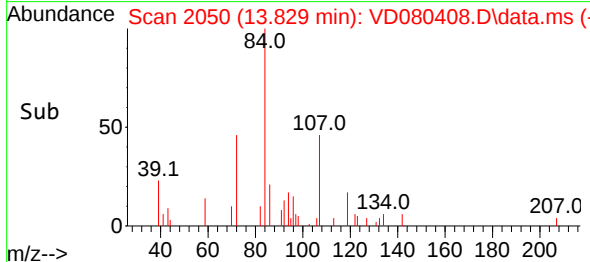
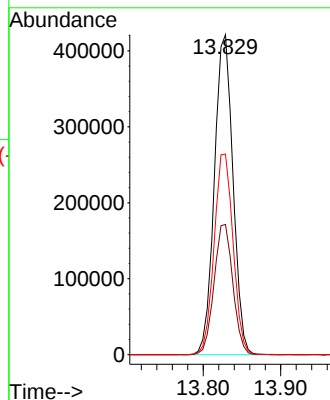
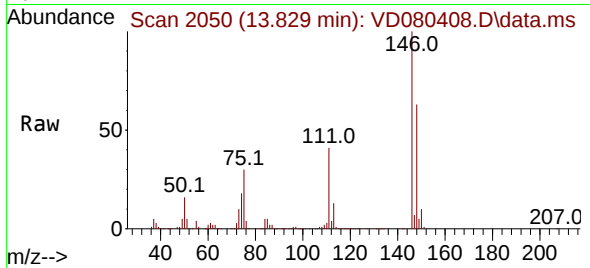




#91
1,2-Dichlorobenzene
Concen: 152.397 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

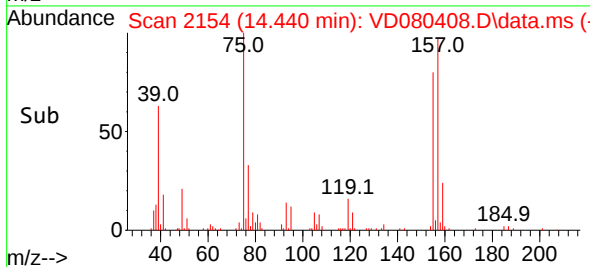
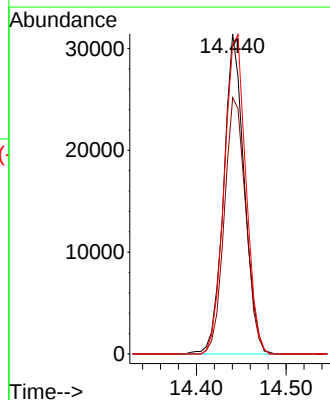
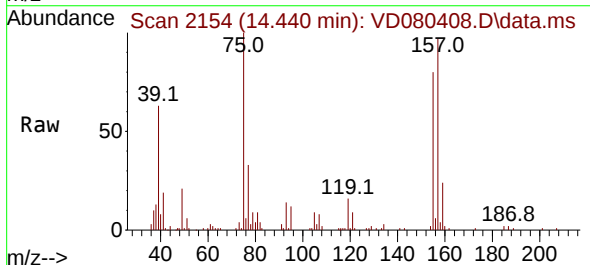
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

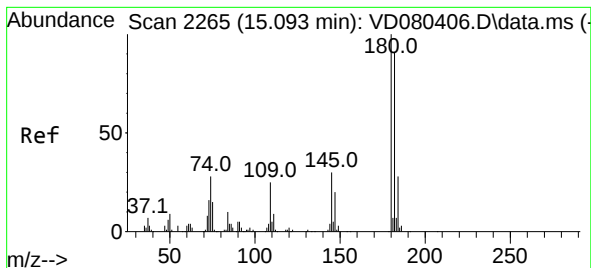
Tgt Ion:146 Resp: 702195
Ion Ratio Lower Upper
146 100
111 41.1 21.1 63.3
148 64.0 32.6 97.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 144.589 ug/l
RT: 14.440 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VD080408.D
Acq: 04 Jun 2025 10:46

Tgt Ion: 75 Resp: 50149
Ion Ratio Lower Upper
75 100
155 83.3 37.6 112.9
157 104.5 49.5 148.5





#93

1,2,4-Trichlorobenzene

Concen: 166.648 ug/l

RT: 15.093 min Scan# 2265

Delta R.T. 0.000 min

Lab File: VD080408.D

Acq: 04 Jun 2025 10:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

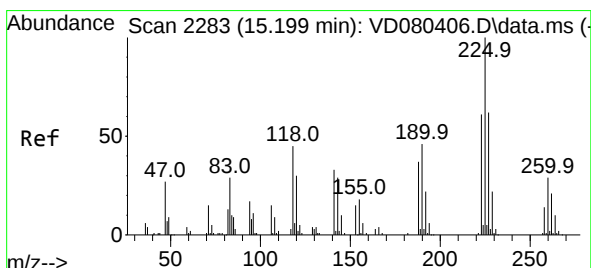
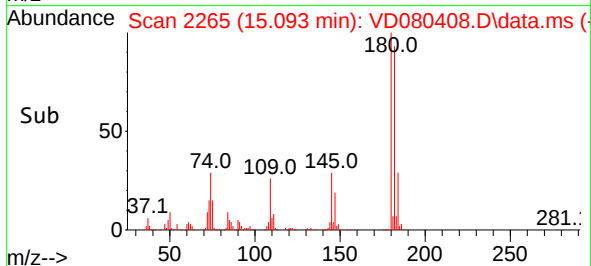
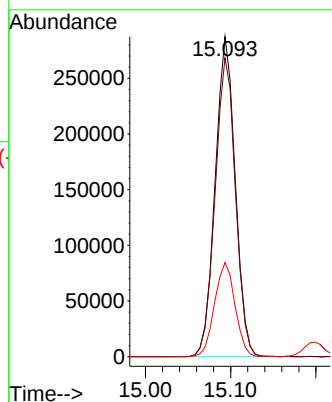
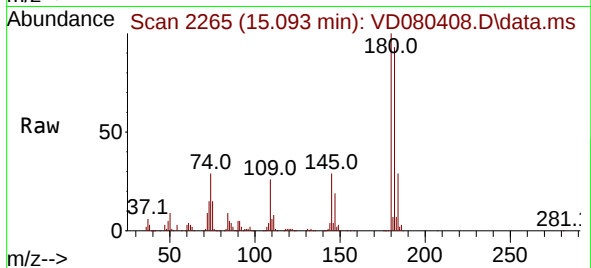
Tgt Ion:180 Resp: 469433

Ion Ratio Lower Upper

180 100

182 94.7 47.6 142.8

145 30.0 15.0 45.1



#94

Hexachlorobutadiene

Concen: 160.948 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. 0.000 min

Lab File: VD080408.D

Acq: 04 Jun 2025 10:46

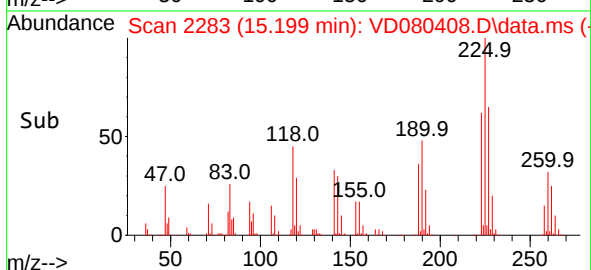
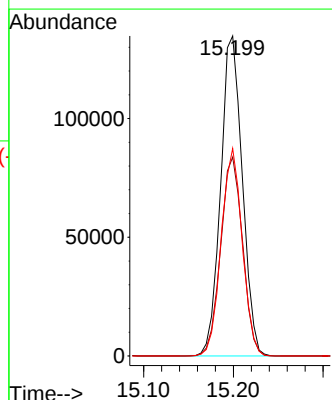
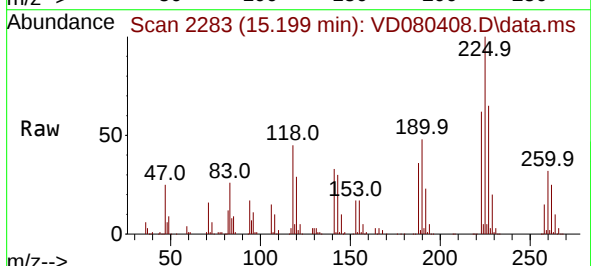
Tgt Ion:225 Resp: 225880

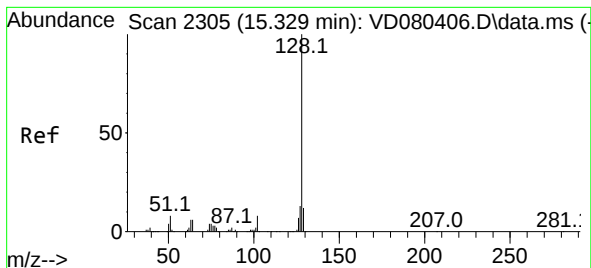
Ion Ratio Lower Upper

225 100

223 62.8 31.6 95.0

227 63.0 31.1 93.2





#95

Naphthalene

Concen: 176.012 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080408.D

Acq: 04 Jun 2025 10:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

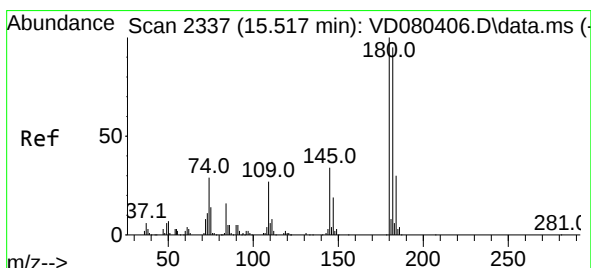
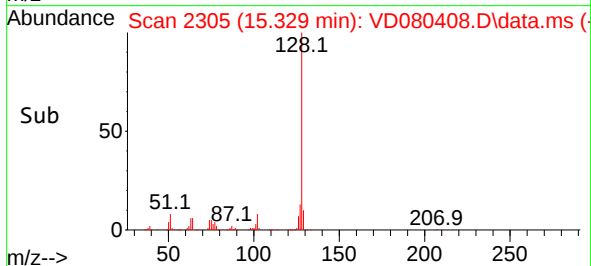
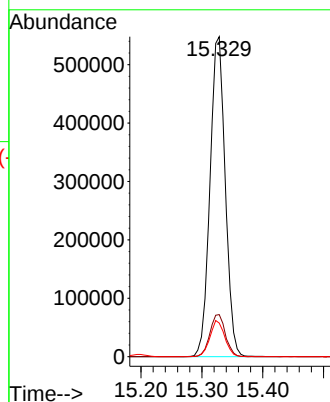
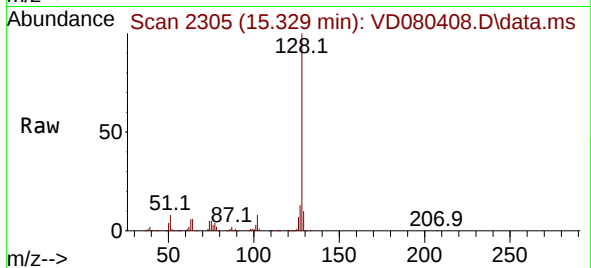
Tgt Ion:128 Resp: 954261

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 10.5 9.4 14.2



#96

1,2,3-Trichlorobenzene

Concen: 167.451 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080408.D

Acq: 04 Jun 2025 10:46

Tgt Ion:180 Resp: 422343

Ion Ratio Lower Upper

180 100

182 94.5 47.3 142.0

145 31.8 16.5 49.5

