

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053025\
 Data File : VD080399.D
 Acq On : 30 May 2025 11:09
 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: May 31 00:43:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D053025S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 31 00:36:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	157863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	254062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	231544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	119799	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	253651	128.689	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 257.380%#	
35) Dibromofluoromethane	7.805	113	249284	150.961	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 301.920%#	
50) Toluene-d8	10.270	98	1001175	150.686	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 301.380%#	
62) 4-Bromofluorobenzene	12.570	95	308290	151.588	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 303.180%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	226394	125.248	ug/l	97
3) Chloromethane	2.152	50	404570	131.226	ug/l	95
4) Vinyl Chloride	2.288	62	467005	135.599	ug/l	99
5) Bromomethane	2.688	94	309721	126.597	ug/l	99
6) Chloroethane	2.835	64	306739	130.881	ug/l	95
7) Trichlorofluoromethane	3.176	101	429572	135.730	ug/l	97
8) Diethyl Ether	3.594	74	150098	160.881	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	257667	134.505	ug/l	98
10) Methyl Iodide	4.164	142	325544	172.402	ug/l	96
11) Tert butyl alcohol	5.052	59	89437	786.702	ug/l	99
12) 1,1-Dichloroethene	3.941	96	277550	151.851	ug/l	96
13) Acrolein	3.794	56	157912	803.310	ug/l	99
14) Allyl chloride	4.558	41	493008	163.667	ug/l	98
15) Acrylonitrile	5.258	53	362688	792.721	ug/l	98
16) Acetone	4.023	43	269811	730.886	ug/l	95
17) Carbon Disulfide	4.270	76	957939	145.747	ug/l	99
18) Methyl Acetate	4.558	43	194867	152.735	ug/l	98
19) Methyl tert-butyl Ether	5.317	73	699494	172.444	ug/l	99
20) Methylene Chloride	4.799	84	330453	130.423	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	313419	156.820	ug/l	97
22) Diisopropyl ether	6.217	45	1028039	166.942	ug/l	98
23) Vinyl Acetate	6.152	43	3047153	866.793	ug/l	100
24) 1,1-Dichloroethane	6.111	63	565093	147.478	ug/l	99
25) 2-Butanone	7.082	43	449566	813.257	ug/l	94
26) 2,2-Dichloropropane	7.076	77	448397	146.864	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	362373	158.353	ug/l	98
28) Bromochloromethane	7.423	49	252115	140.216	ug/l	97
29) Tetrahydrofuran	7.440	42	305468	821.617	ug/l	99
30) Chloroform	7.599	83	555809	143.284	ug/l	95
31) Cyclohexane	7.876	56	490613	143.186	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	457786	140.972	ug/l	98
36) 1,1-Dichloropropene	8.011	75	390652	153.919	ug/l	99
37) Ethyl Acetate	7.170	43	204444	164.462	ug/l	97
38) Carbon Tetrachloride	7.993	117	380180	147.847	ug/l	98
39) Methylcyclohexane	9.276	83	458450	159.268	ug/l	99
40) Benzene	8.252	78	1140433	148.739	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	121148	172.805	ug/l	91
42) 1,2-Dichloroethane	8.323	62	316791	144.423	ug/l	99
43) Isopropyl Acetate	8.358	43	365898	159.146	ug/l	98
44) Trichloroethene	9.029	130	272838	151.722	ug/l	98
45) 1,2-Dichloropropane	9.305	63	292998	148.942	ug/l	99
46) Dibromomethane	9.393	93	161783	151.894	ug/l	98
47) Bromodichloromethane	9.587	83	426503	158.167	ug/l	98
48) Methyl methacrylate	9.381	41	196290	175.451	ug/l	99
49) 1,4-Dioxane	9.387	88	38178	3373.059	ug/l #	89
51) 4-Methyl-2-Pentanone	10.158	43	1002974	826.613	ug/l	99
52) Toluene	10.334	92	724006	155.653	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	411207	165.316	ug/l	98
54) cis-1,3-Dichloropropene	10.017	75	459560	161.315	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	208874	146.644	ug/l	95
56) Ethyl methacrylate	10.599	69	316366	148.319	ug/l	99
57) 1,3-Dichloropropane	10.876	76	377341	155.049	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.870	63	617739	850.961	ug/l	99
59) 2-Hexanone	10.917	43	678598	826.484	ug/l	97
60) Dibromochloromethane	11.076	129	270217	155.558	ug/l	97
61) 1,2-Dibromoethane	11.176	107	198014	155.010	ug/l	97
64) Tetrachloroethene	10.811	164	218076	139.781	ug/l	96
65) Chlorobenzene	11.605	112	736415	145.100	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	255066	149.078	ug/l	100
67) Ethyl Benzene	11.681	91	1394379	162.782	ug/l	100
68) m/p-Xylenes	11.793	106	1187489	353.971	ug/l	99
69) o-Xylene	12.117	106	554517	177.557	ug/l	99
70) Styrene	12.134	104	973063	176.722	ug/l	99
71) Bromoform	12.299	173	161073	170.195	ug/l #	99
73) Isopropylbenzene	12.422	105	1362727	165.516	ug/l	99
74) N-amyl acetate	12.228	43	394607	176.722	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	239718	137.743	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	328786	266.852	ug/l #	100
77) Bromobenzene	12.699	156	299979	148.115	ug/l	97
78) n-propylbenzene	12.764	91	1649620	161.154	ug/l	100
79) 2-Chlorotoluene	12.846	91	900546	152.745	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	1170450	170.323	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	97911	158.777	ug/l	97
82) 4-Chlorotoluene	12.946	91	1022974	162.613	ug/l	99
83) tert-Butylbenzene	13.164	119	909663	157.495	ug/l	98
84) 1,2,4-Trimethylbenzene	13.211	105	1114216	162.975	ug/l	100
85) sec-Butylbenzene	13.340	105	1378922	158.277	ug/l	100
86) p-Isopropyltoluene	13.458	119	1196379	163.412	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	618729	149.068	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	650855	156.872	ug/l	98
89) n-Butylbenzene	13.787	91	1228298	165.526	ug/l	99
90) Hexachloroethane	14.052	117	224271	138.127	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	555241	154.810	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.446	75	41324	145.765	ug/l	88
93) 1,2,4-Trichlorobenzene	15.099	180	402641	153.788	ug/l	99
94) Hexachlorobutadiene	15.199	225	191363	161.536	ug/l	99
95) Naphthalene	15.328	128	804052	155.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	355864	152.986	ug/l	100

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QLast Update : Sat May 31 00:36:06 2025
Response via : Initial Calibration

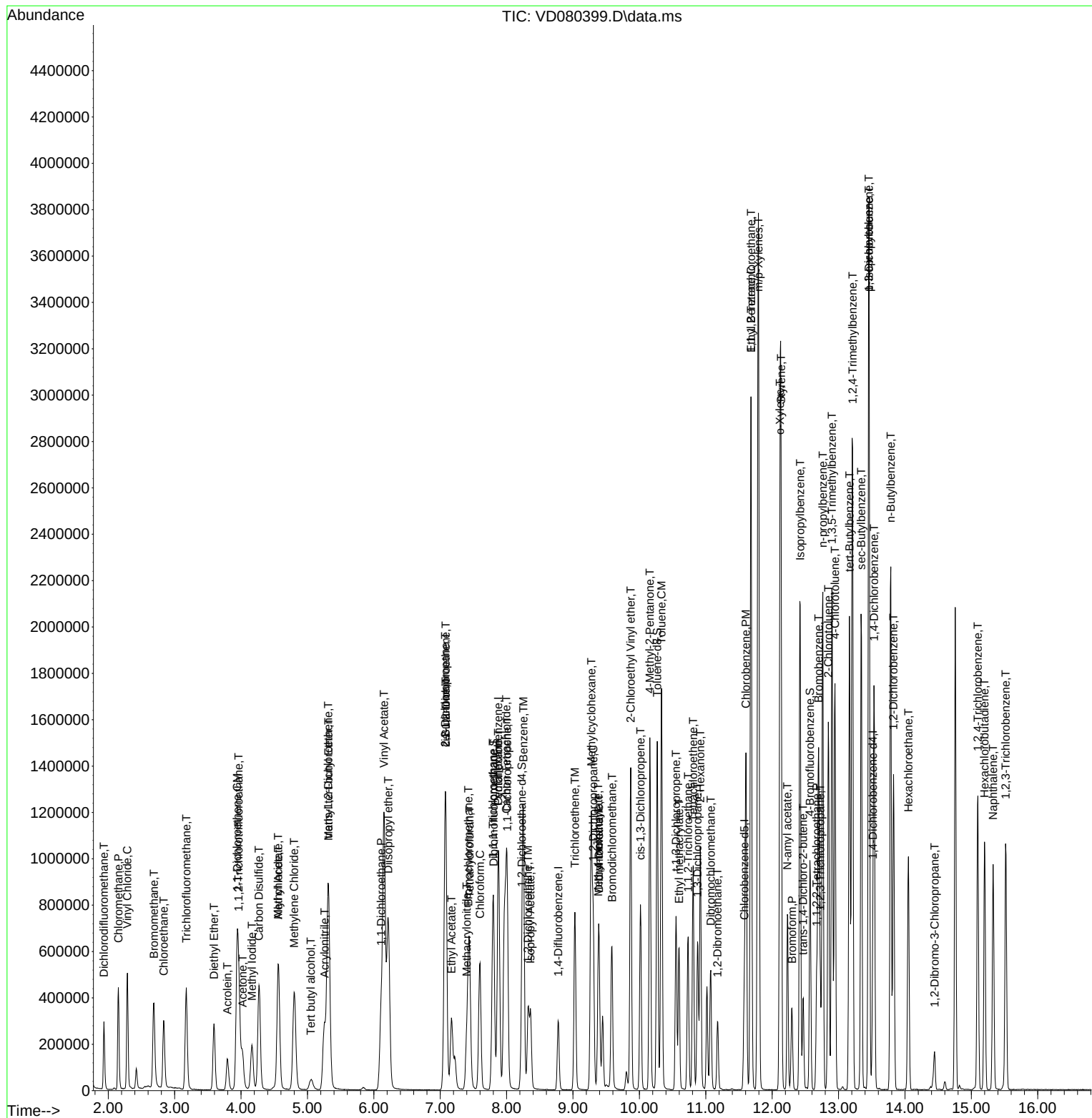
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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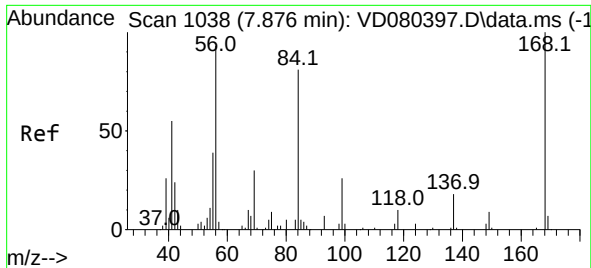
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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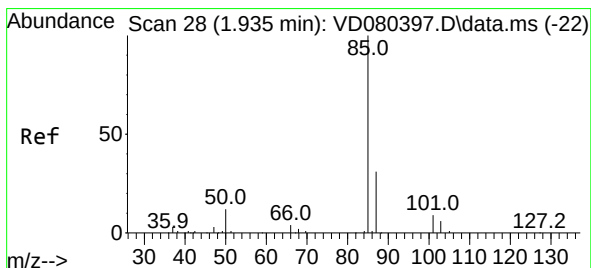
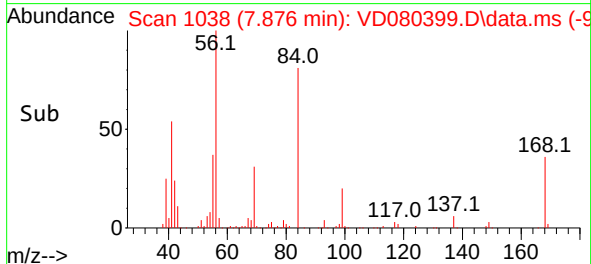
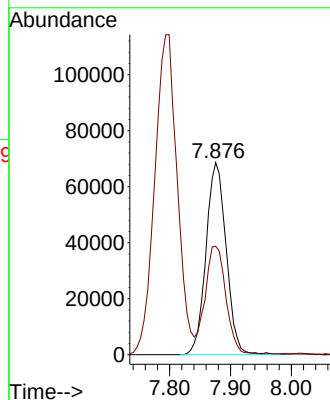
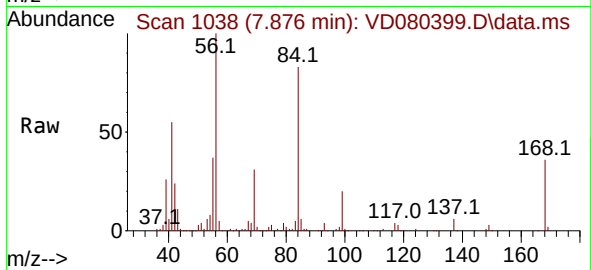




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD080399.D
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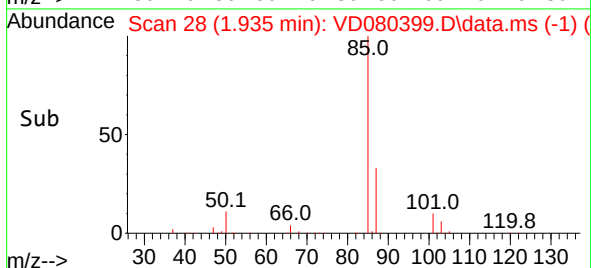
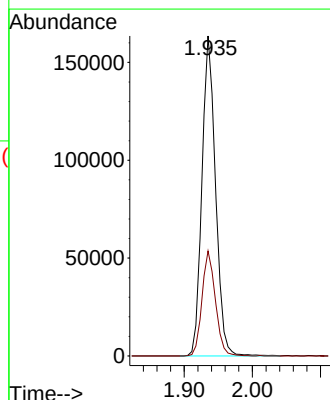
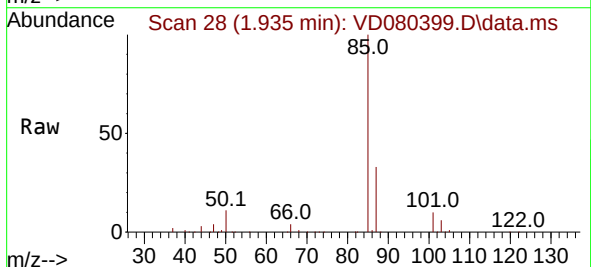
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

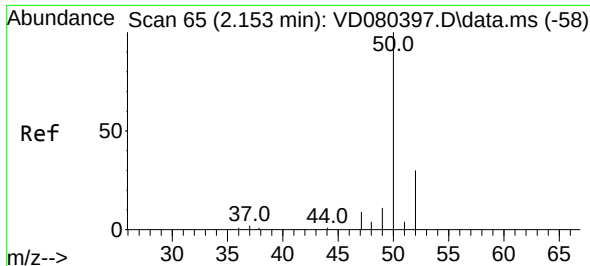
Tgt Ion:168 Resp: 157863
Ion Ratio Lower Upper
168 100
99 56.0 47.5 71.3



#2
Dichlorodifluoromethane
Concen: 125.248 ug/l
RT: 1.935 min Scan# 28
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 85 Resp: 226394
Ion Ratio Lower Upper
85 100
87 32.8 15.6 46.7

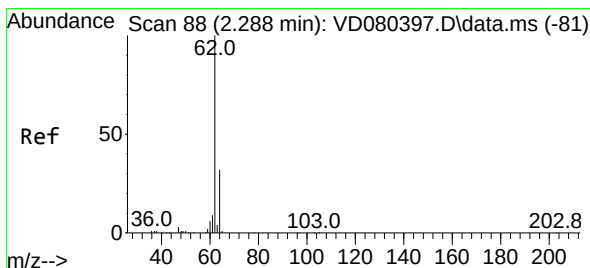
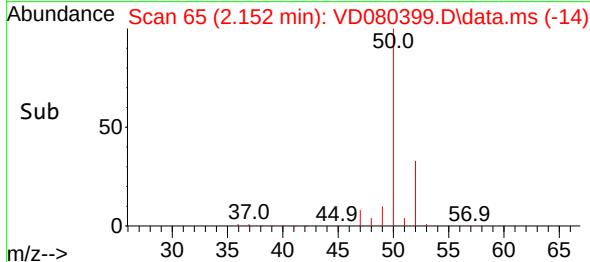
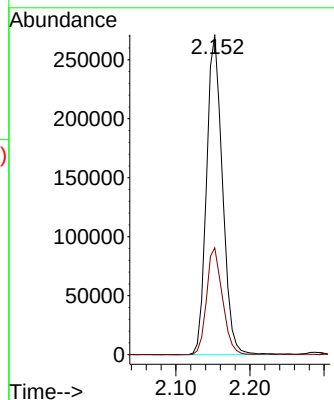
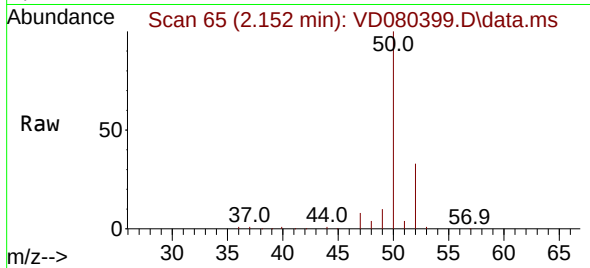




#3
Chloromethane
Concen: 131.226 ug/l
RT: 2.152 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

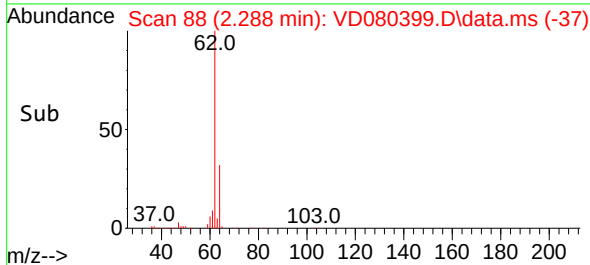
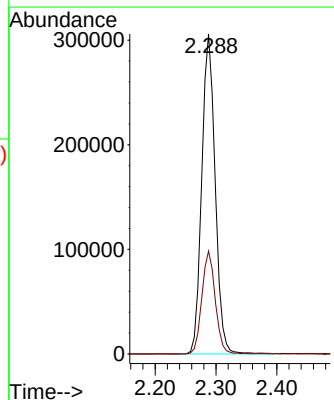
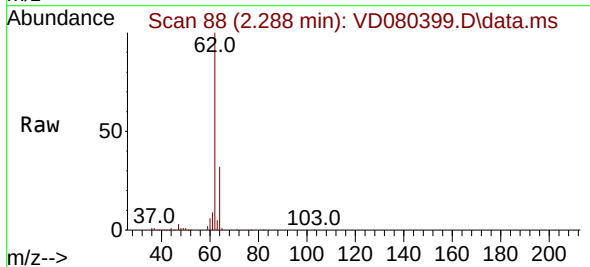
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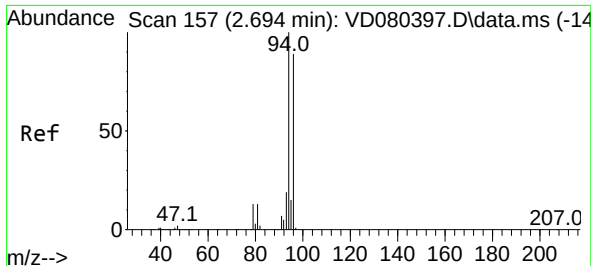
Tgt Ion: 50 Resp: 404570
Ion Ratio Lower Upper
50 100
52 33.4 24.4 36.6



#4
Vinyl Chloride
Concen: 135.599 ug/l
RT: 2.288 min Scan# 88
Delta R.T. -0.001 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 62 Resp: 467005
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0

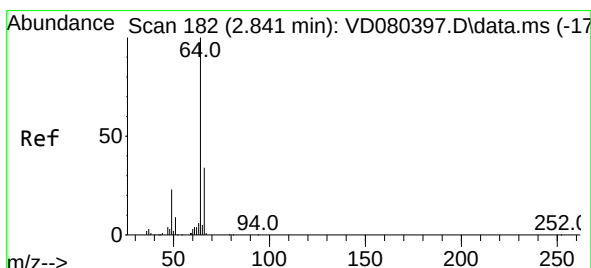
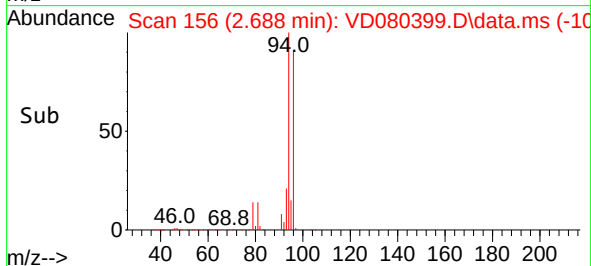
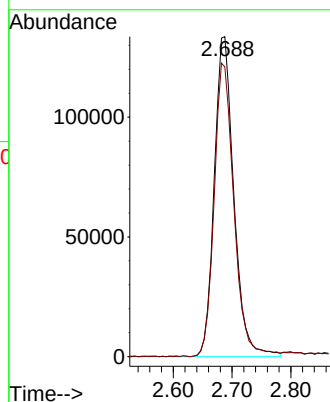
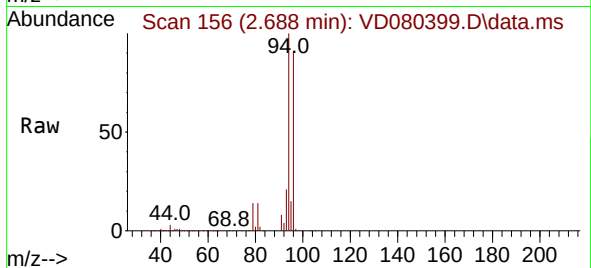




#5
Bromomethane
Concen: 126.597 ug/l
RT: 2.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

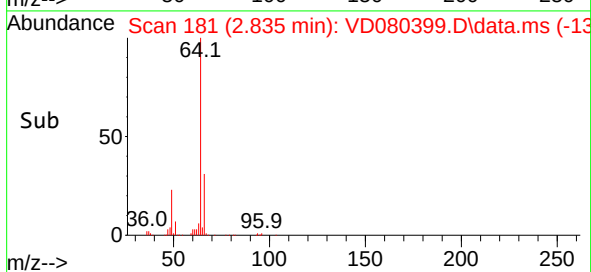
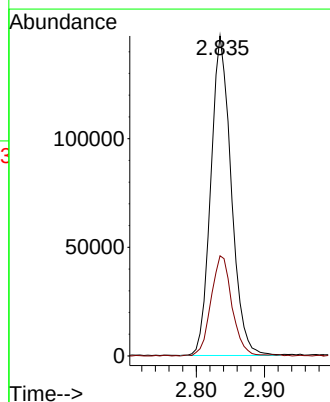
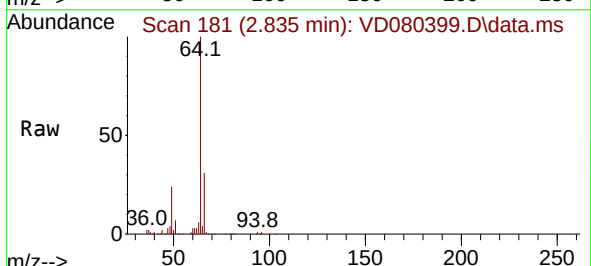
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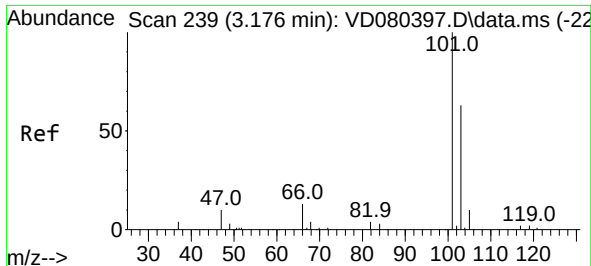
Tgt Ion: 94 Resp: 309721
Ion Ratio Lower Upper
94 100
96 92.7 74.7 112.1



#6
Chloroethane
Concen: 130.881 ug/l
RT: 2.835 min Scan# 181
Delta R.T. -0.006 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 64 Resp: 306739
Ion Ratio Lower Upper
64 100
66 31.3 27.3 40.9

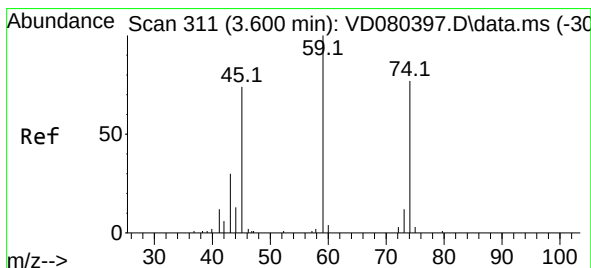
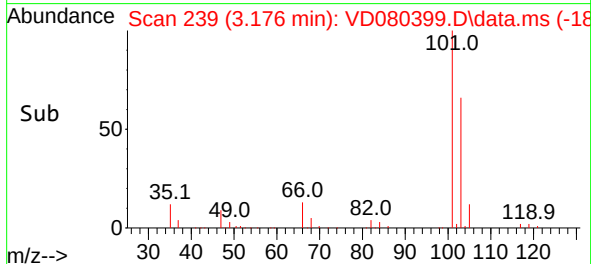
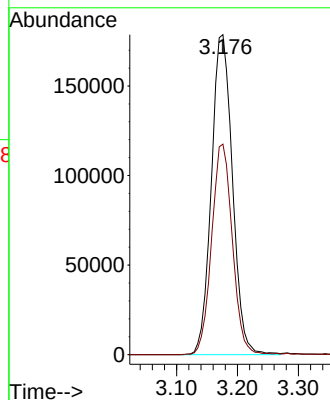
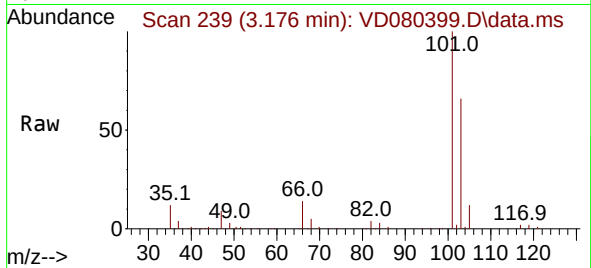




#7
 Trichlorofluoromethane
 Concen: 135.730 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD080399.D
 Acq: 30 May 2025 11:09

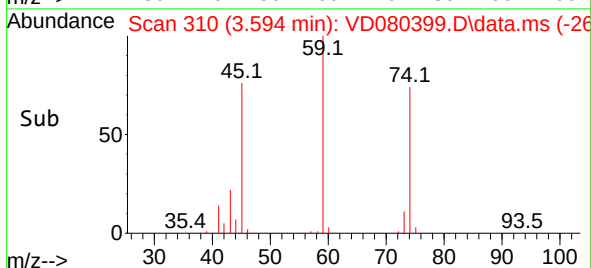
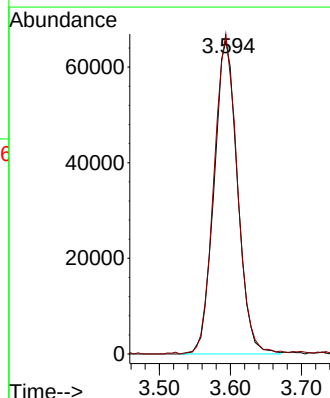
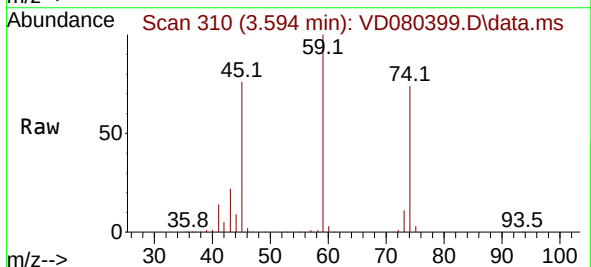
Instrument :
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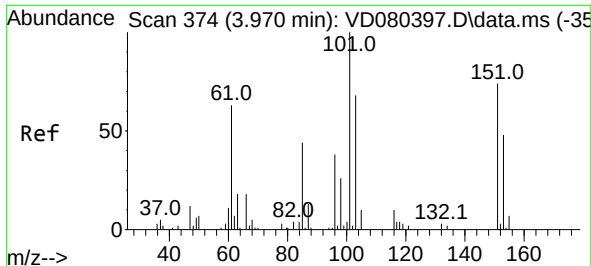
Tgt Ion:101 Resp: 429572
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.7 76.1



#8
 Diethyl Ether
 Concen: 160.881 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VD080399.D
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Tgt Ion: 74 Resp: 150098
 Ion Ratio Lower Upper
 74 100
 45 102.2 52.1 156.4

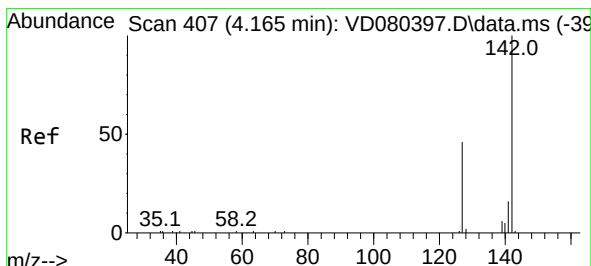
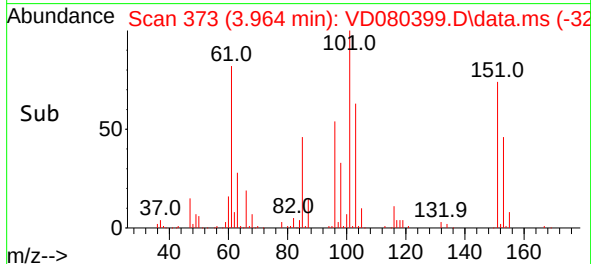
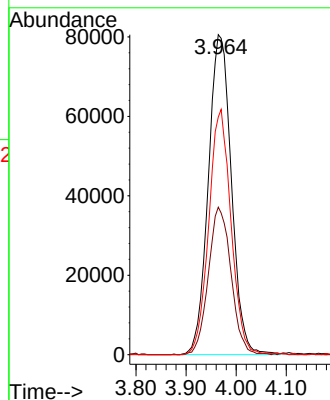
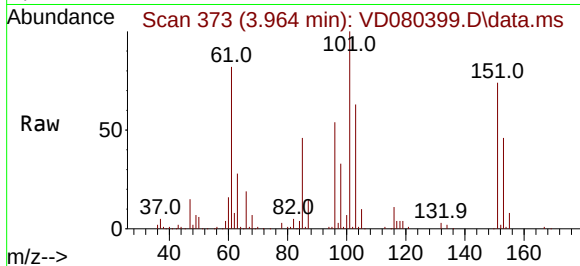




#9
1,1,2-Trichlorotrifluoroethane
Concen: 134.505 ug/l
RT: 3.964 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

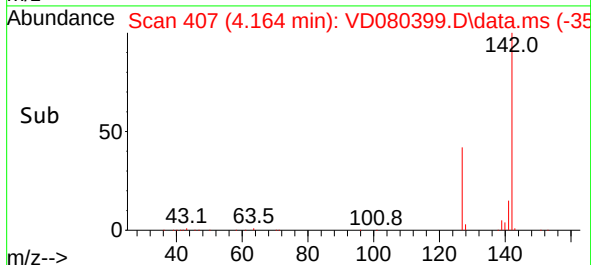
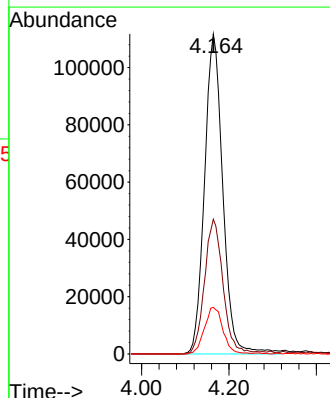
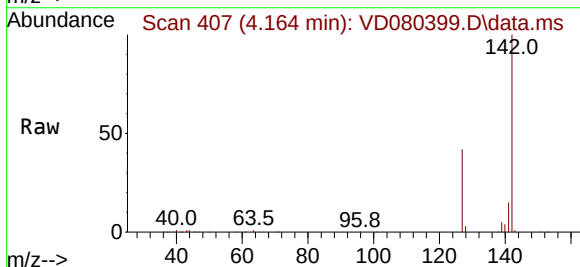
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

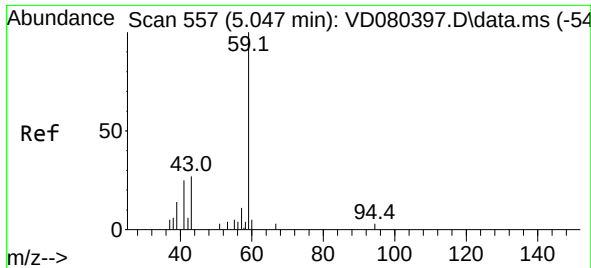
Tgt Ion:101 Resp: 257667
Ion Ratio Lower Upper
101 100
85 45.3 35.9 53.9
151 73.9 57.6 86.4



#10
Methyl Iodide
Concen: 172.402 ug/l
RT: 4.164 min Scan# 407
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion:142 Resp: 325544
Ion Ratio Lower Upper
142 100
127 42.4 36.4 54.6
141 14.7 12.1 18.1

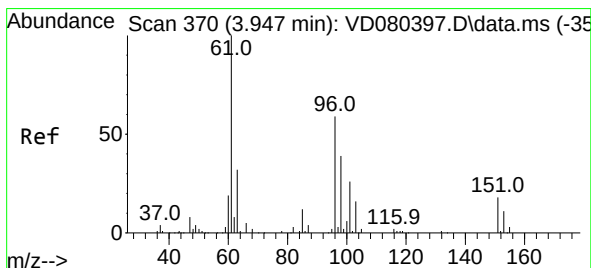
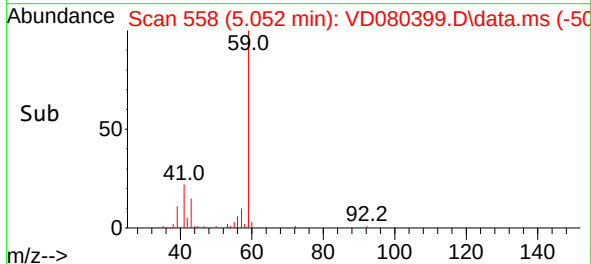
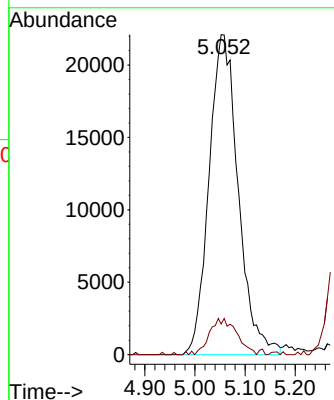
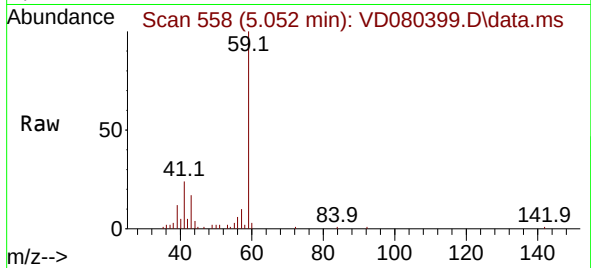




#11
Tert butyl alcohol
Concen: 786.702 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.005 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

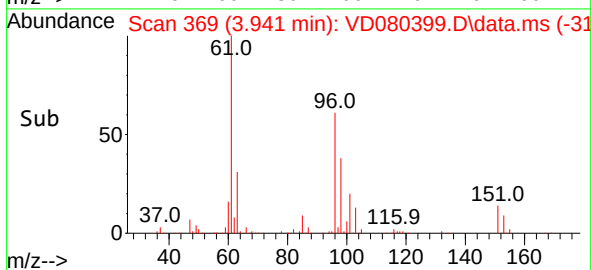
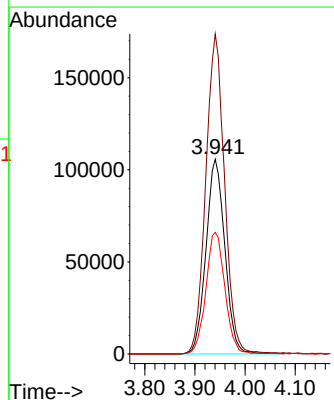
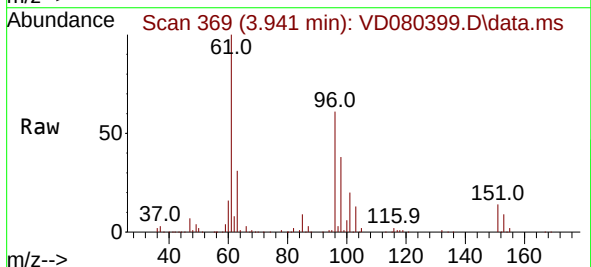
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MSVOA_D
ClientSampleId :
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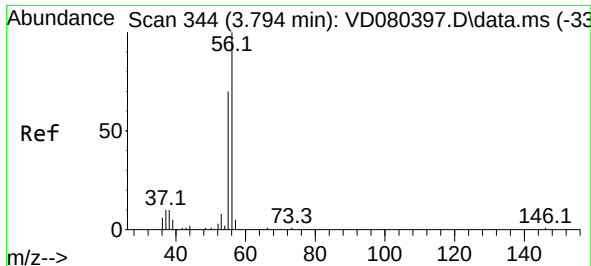
Tgt Ion: 59 Resp: 89437
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1



#12
1,1-Dichloroethene
Concen: 151.851 ug/l
RT: 3.941 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 96 Resp: 277550
Ion Ratio Lower Upper
96 100
61 164.3 135.7 203.5
98 62.4 52.5 78.7

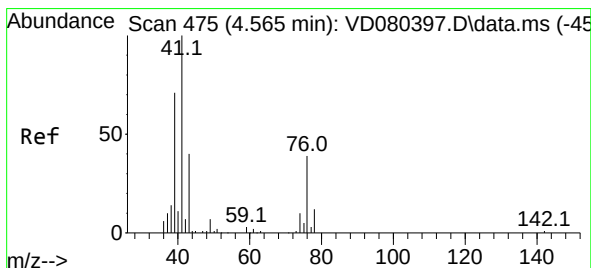
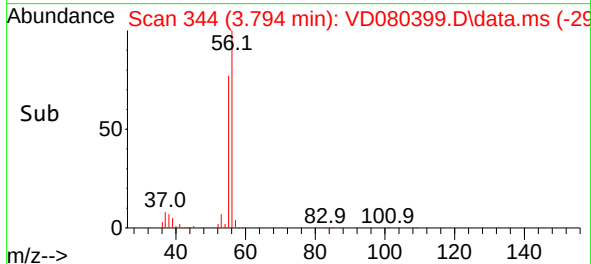
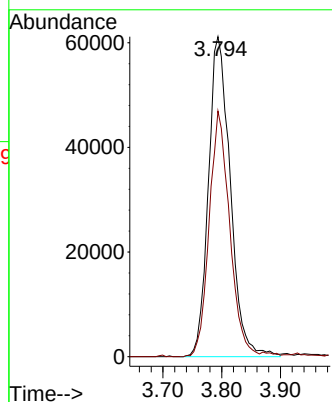
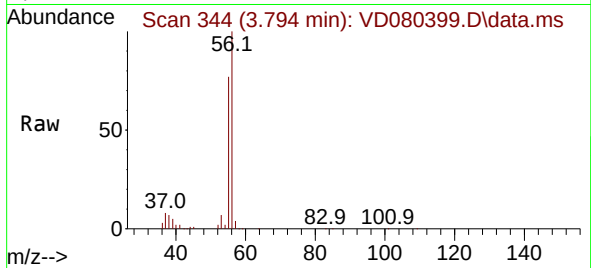




#13
Acrolein
Concen: 803.310 ug/l
RT: 3.794 min Scan# 344
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

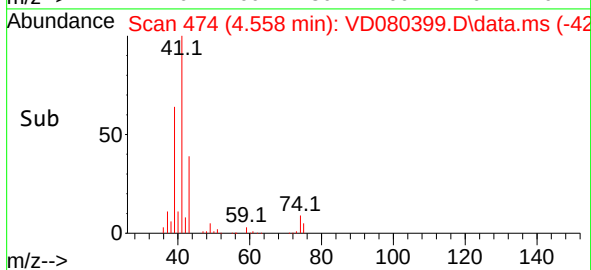
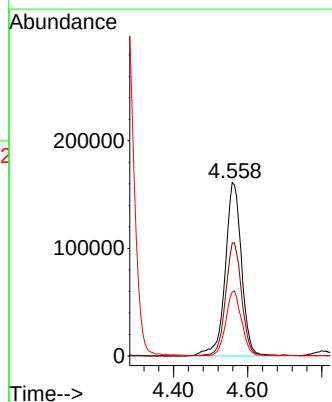
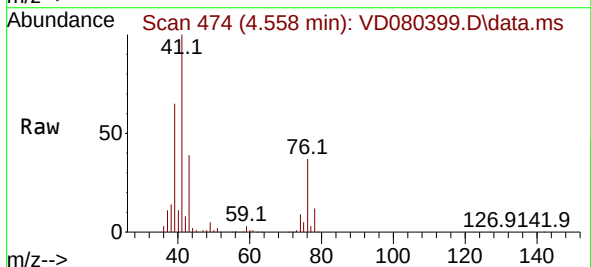
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

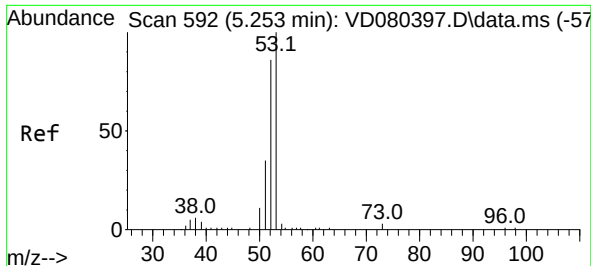
Tgt Ion: 56 Resp: 157912
Ion Ratio Lower Upper
56 100
55 72.0 57.1 85.7



#14
Allyl chloride
Concen: 163.667 ug/l
RT: 4.558 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 41 Resp: 493008
Ion Ratio Lower Upper
41 100
39 64.6 53.3 79.9
76 35.7 29.4 44.2

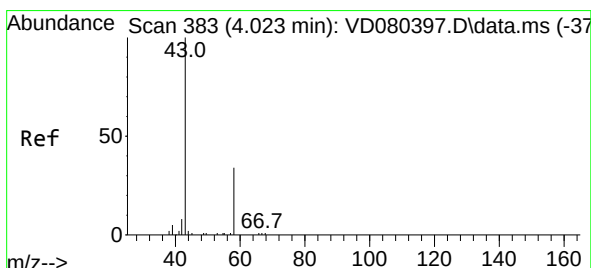
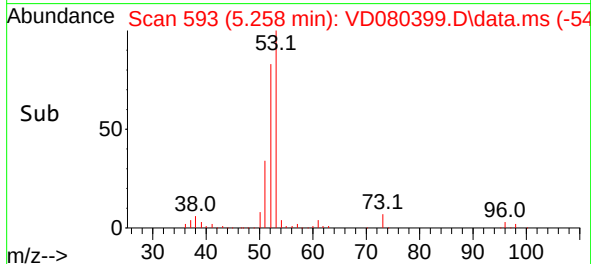
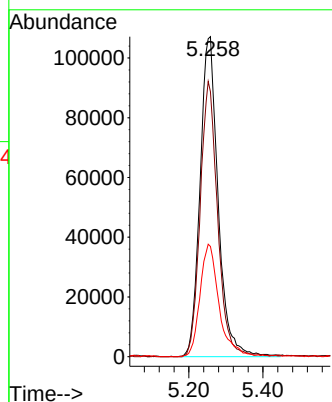
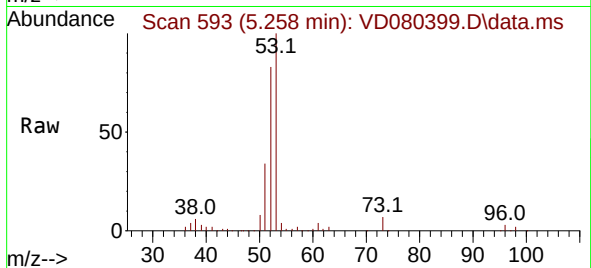




#15
Acrylonitrile
Concen: 792.721 ug/l
RT: 5.258 min Scan# 592
Delta R.T. 0.005 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

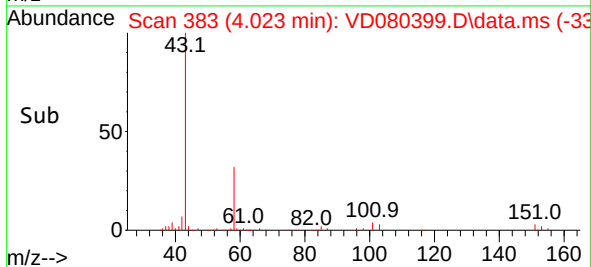
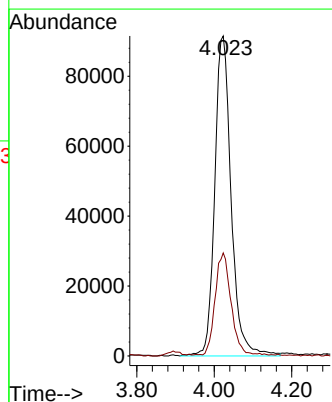
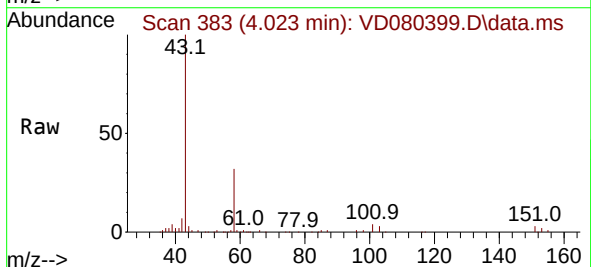
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

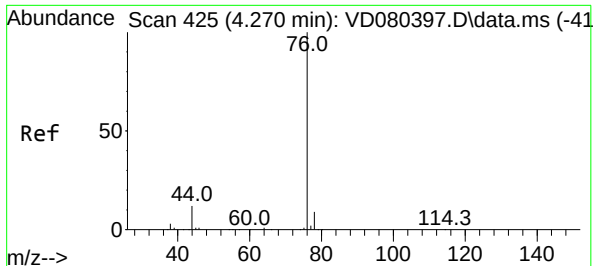
Tgt Ion: 53 Resp: 362688
Ion Ratio Lower Upper
53 100
52 83.2 65.6 98.4
51 37.0 30.5 45.7



#16
Acetone
Concen: 730.886 ug/l
RT: 4.023 min Scan# 383
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 43 Resp: 269811
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0

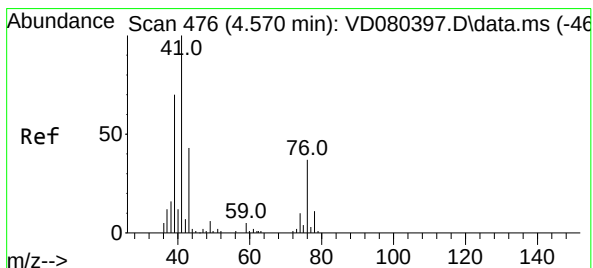
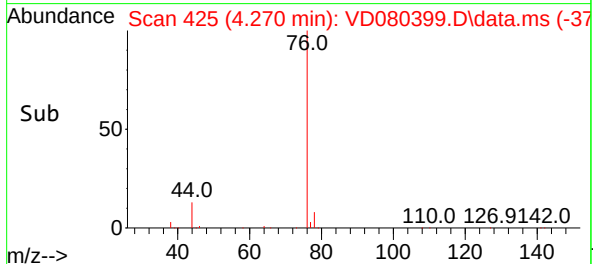
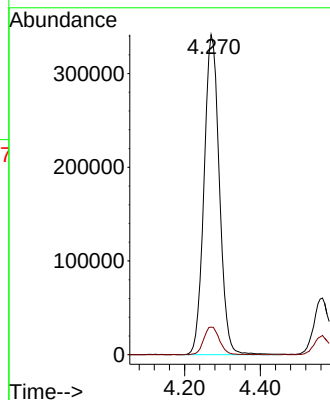
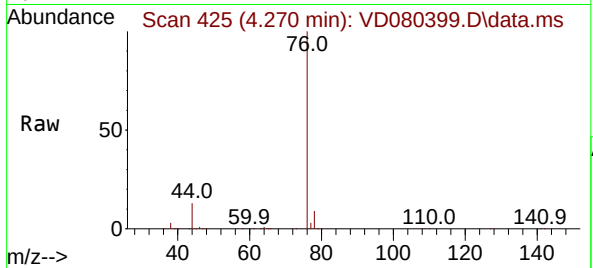




#17
Carbon Disulfide
Concen: 145.747 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

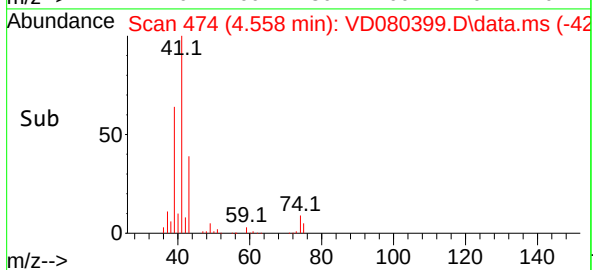
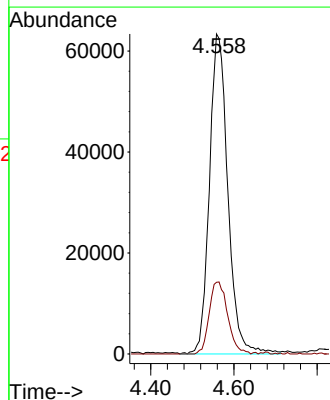
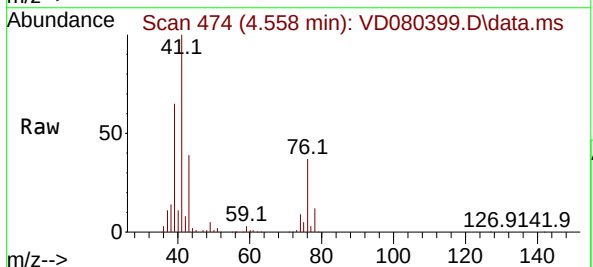
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

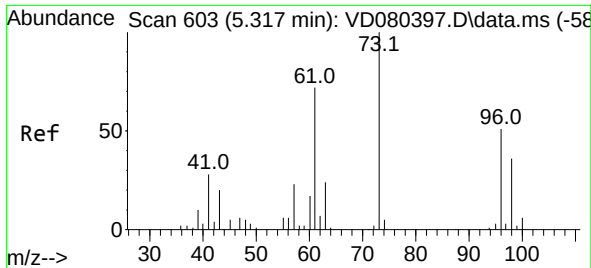
Tgt Ion: 76 Resp: 957939
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 152.735 ug/l
RT: 4.558 min Scan# 474
Delta R.T. -0.012 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 43 Resp: 194867
Ion Ratio Lower Upper
43 100
74 22.5 18.6 28.0

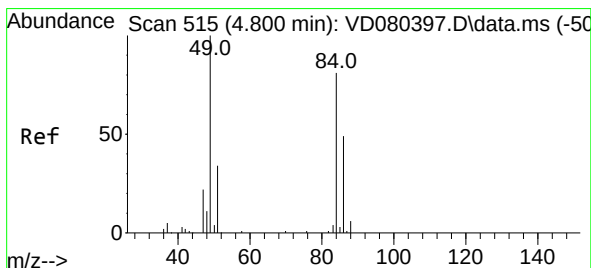
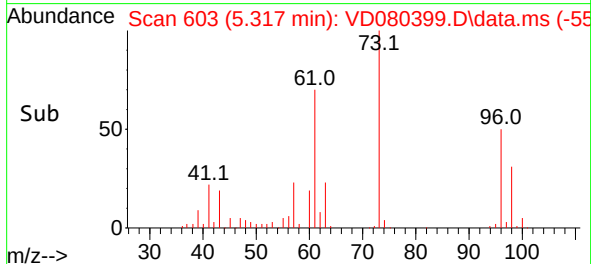
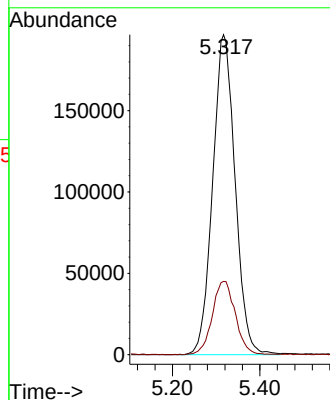
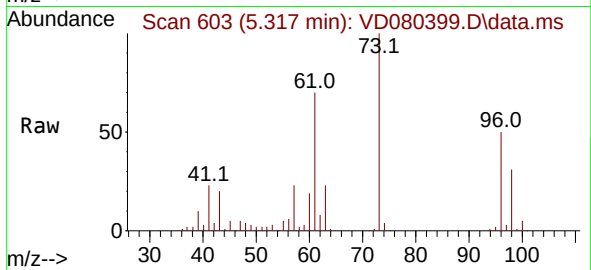




#19
Methyl tert-butyl Ether
Concen: 172.444 ug/l
RT: 5.317 min Scan# 603
Delta R.T. -0.001 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

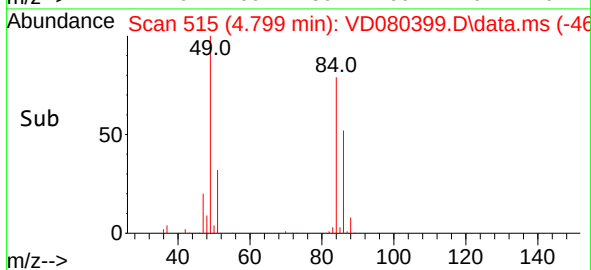
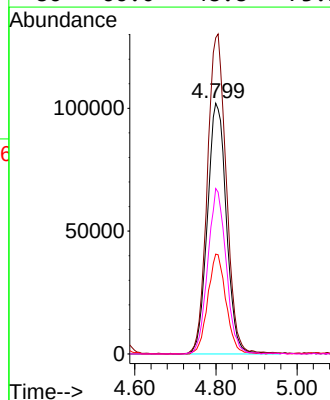
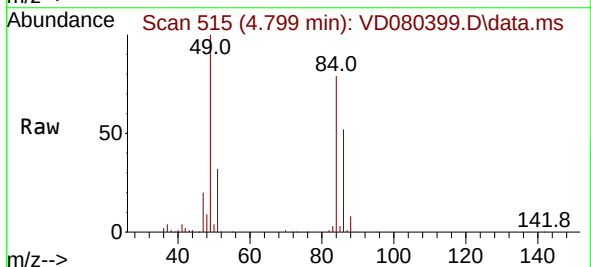
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

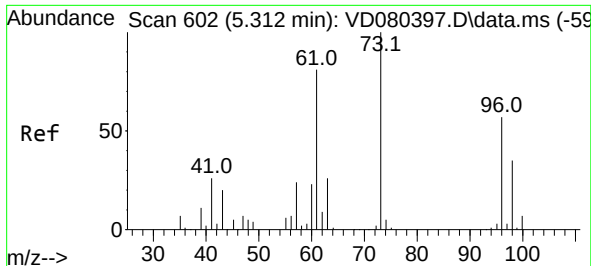
Tgt Ion: 73 Resp: 699494
Ion Ratio Lower Upper
73 100
57 22.8 18.7 28.1



#20
Methylene Chloride
Concen: 130.423 ug/l
RT: 4.799 min Scan# 515
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 84 Resp: 330453
Ion Ratio Lower Upper
84 100
49 126.1 99.0 148.6
51 39.8 33.6 50.4
86 66.0 48.8 73.2

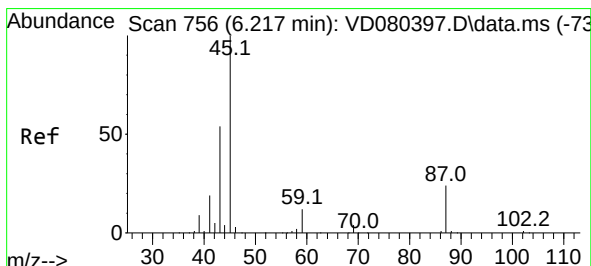
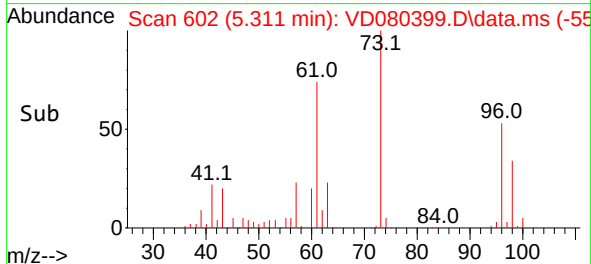
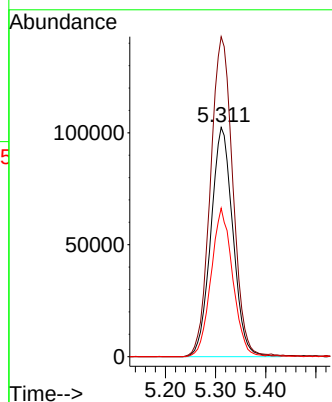
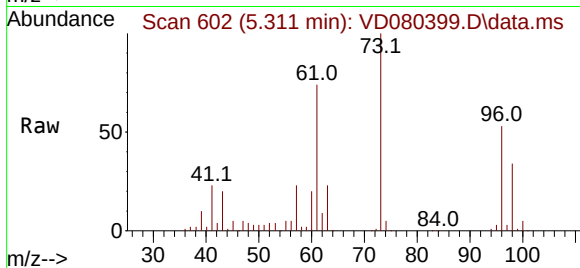




#21
trans-1,2-Dichloroethene
Concen: 156.820 ug/l
RT: 5.311 min Scan# 602
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

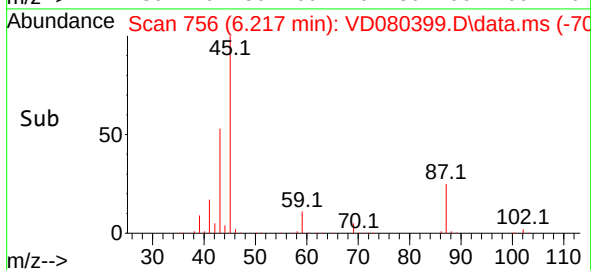
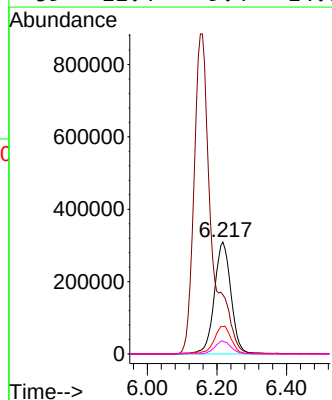
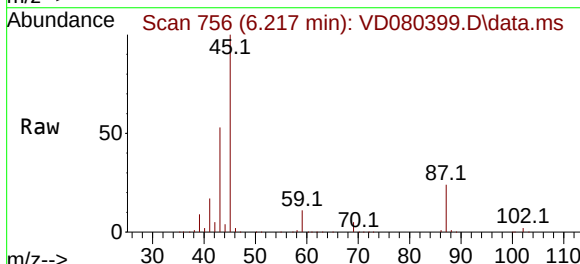
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

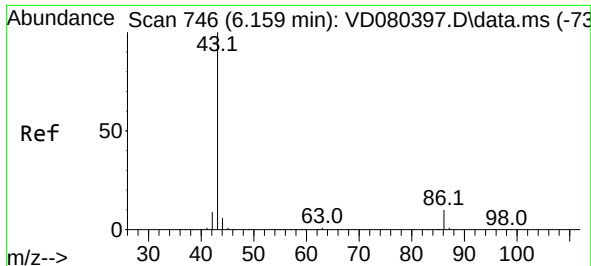
Tgt Ion: 96 Resp: 313419
Ion Ratio Lower Upper
96 100
61 139.6 113.6 170.4
98 64.8 49.4 74.2



#22
Diisopropyl ether
Concen: 166.942 ug/l
RT: 6.217 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 45 Resp: 1028039
Ion Ratio Lower Upper
45 100
43 52.4 43.4 65.0
87 24.4 19.1 28.7
59 11.4 9.4 14.0

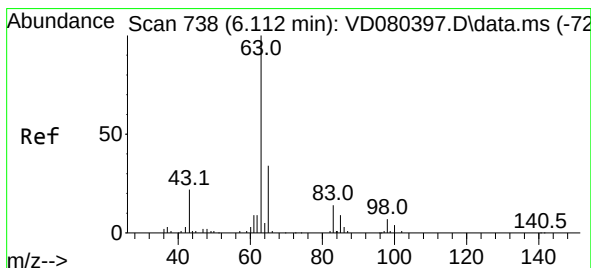
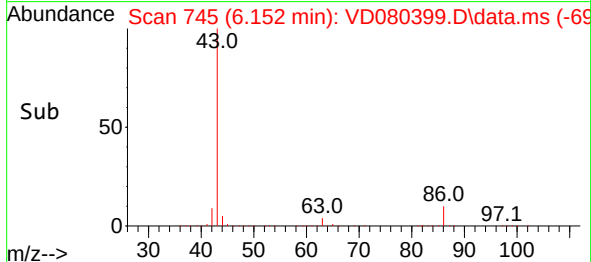
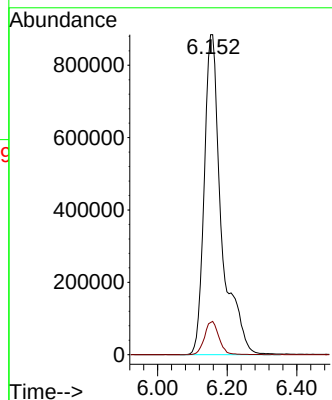
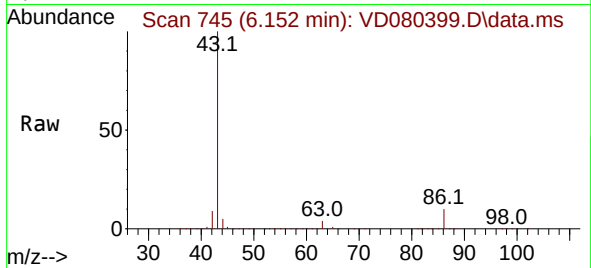




#23
 Vinyl Acetate
 Concen: 866.793 ug/l
 RT: 6.152 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD080399.D
 Acq: 30 May 2025 11:09

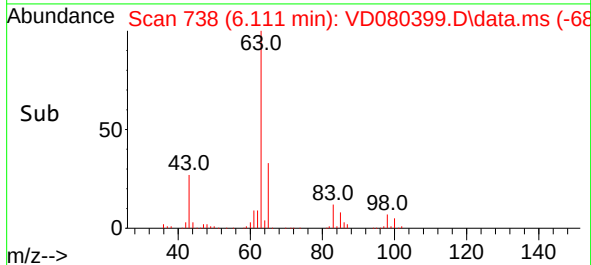
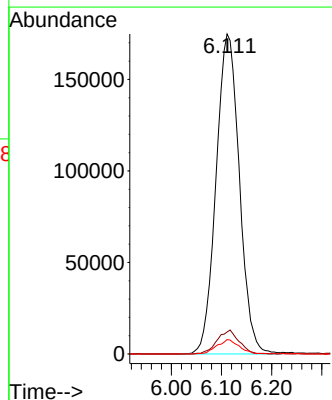
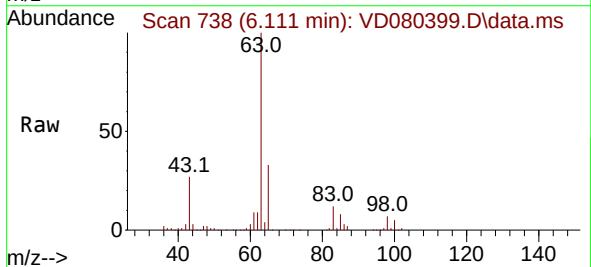
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

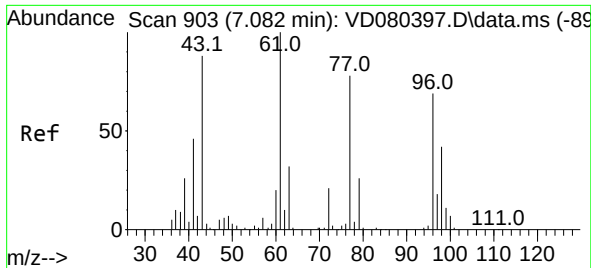
Tgt Ion: 43 Resp: 3047153
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 147.478 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD080399.D
 Acq: 30 May 2025 11:09

Tgt Ion: 63 Resp: 565093
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.7 11.1
 100 4.5 2.3 6.8

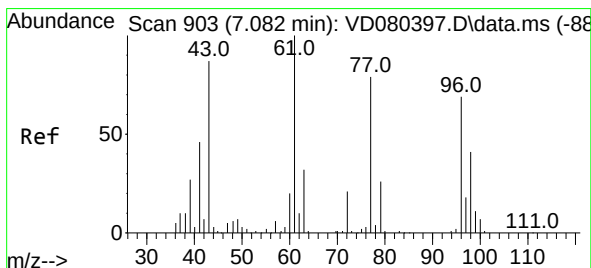
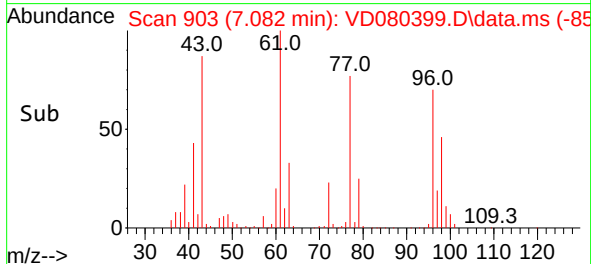
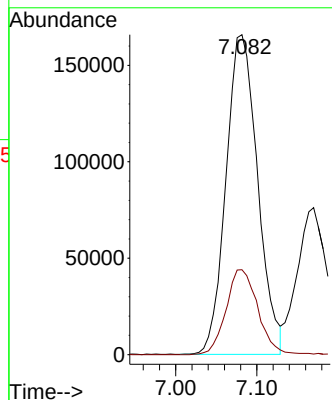
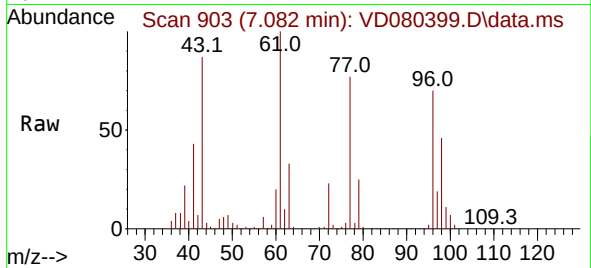




#25
2-Butanone
Concen: 813.257 ug/l
RT: 7.082 min Scan# 901
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

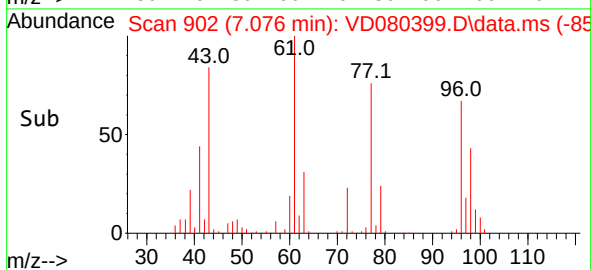
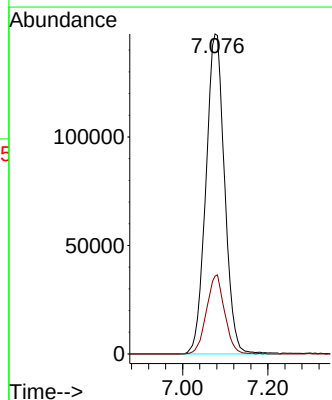
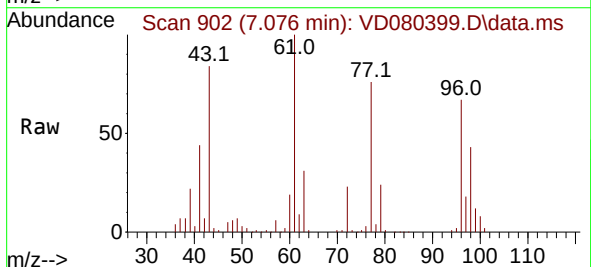
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

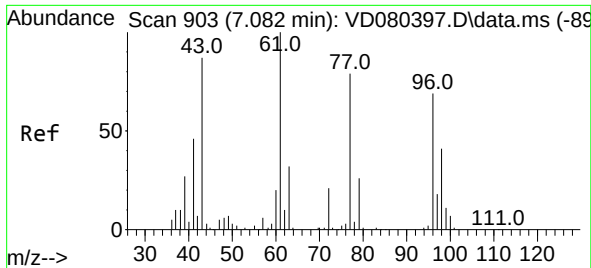
Tgt Ion: 43 Resp: 449566
Ion Ratio Lower Upper
43 100
72 26.6 18.9 28.3



#26
2,2-Dichloropropane
Concen: 146.864 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.006 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 77 Resp: 448397
Ion Ratio Lower Upper
77 100
97 24.0 11.9 35.5



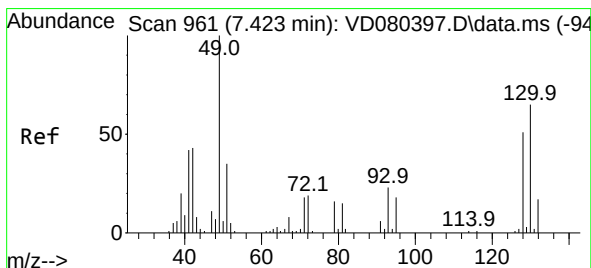
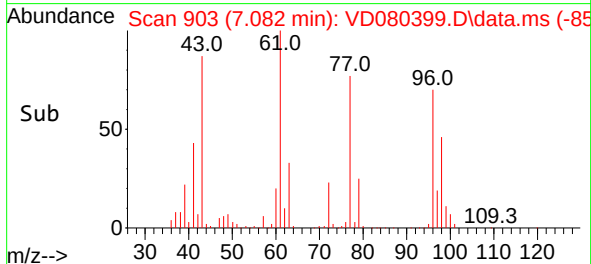
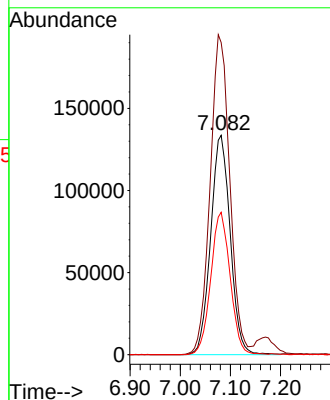
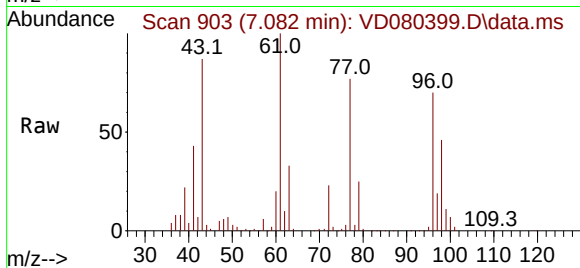


#27
 cis-1,2-Dichloroethene
 Concen: 158.353 ug/l
 RT: 7.082 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VD080399.D
 Acq: 30 May 2025 11:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 362373

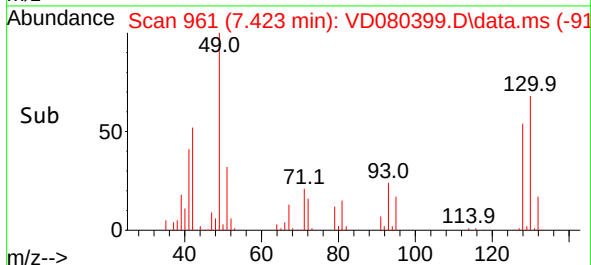
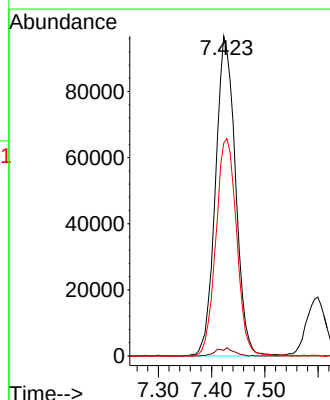
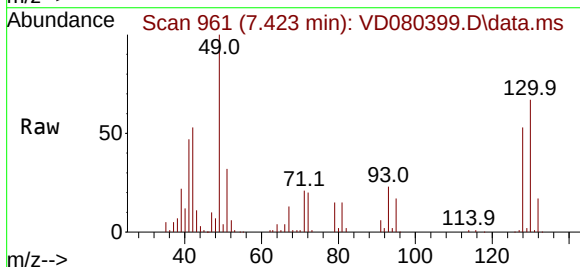
Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	301.4
98	64.3	0.0	128.2

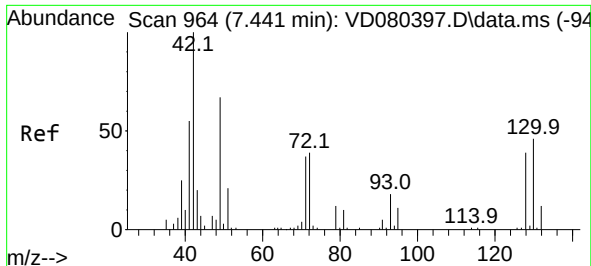


#28
 Bromochloromethane
 Concen: 140.216 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. -0.000 min
 Lab File: VD080399.D
 Acq: 30 May 2025 11:09

Tgt Ion: 49 Resp: 252115

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.6
130	70.2	54.2	81.4

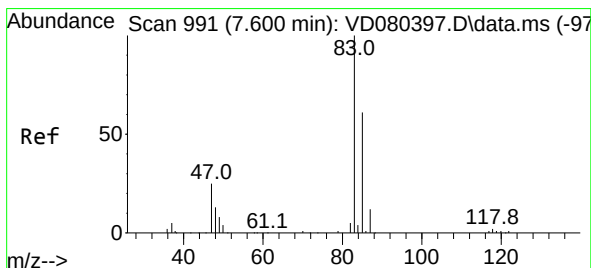
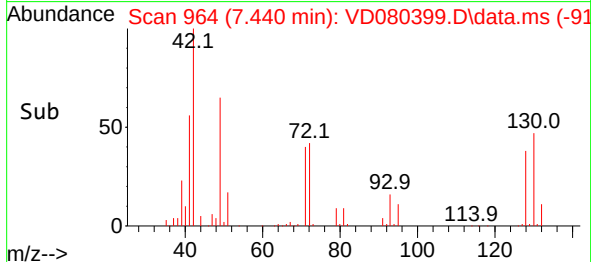
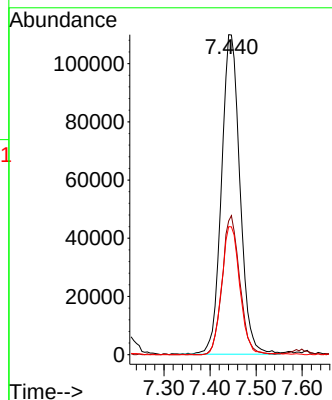
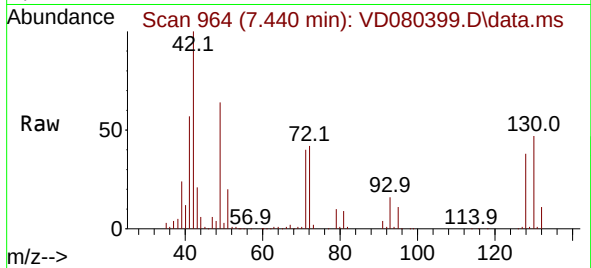




#29
Tetrahydrofuran
Concen: 821.617 ug/l
RT: 7.440 min Scan# 964
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

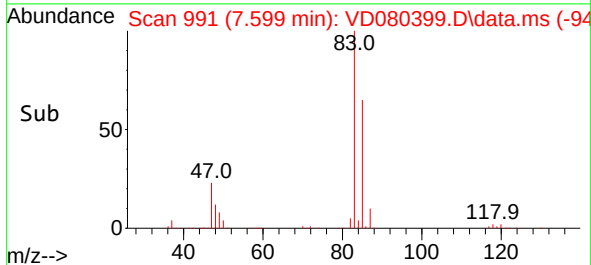
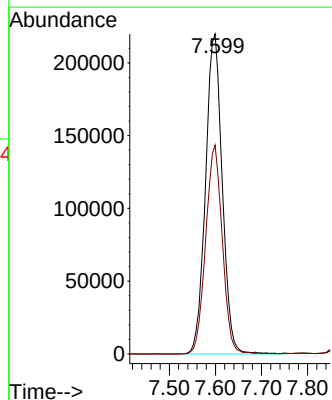
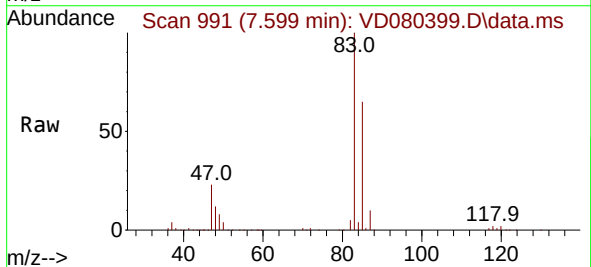
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

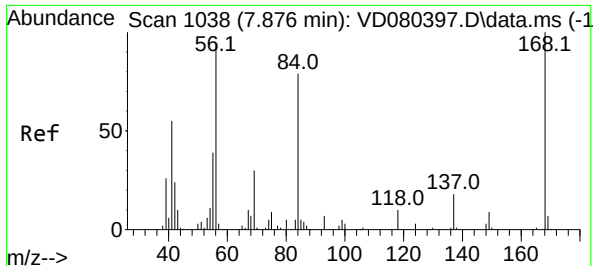
Tgt Ion: 42 Resp: 305468
Ion Ratio Lower Upper
42 100
72 41.4 32.6 49.0
71 39.4 32.0 48.0



#30
Chloroform
Concen: 143.284 ug/l
RT: 7.599 min Scan# 991
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 83 Resp: 555809
Ion Ratio Lower Upper
83 100
85 65.3 49.2 73.8





#31

Cyclohexane

Concen: 143.186 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VD080399.D

Acq: 30 May 2025 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

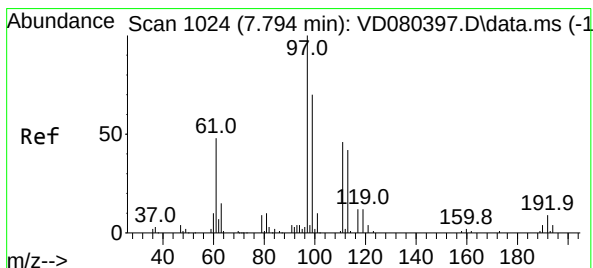
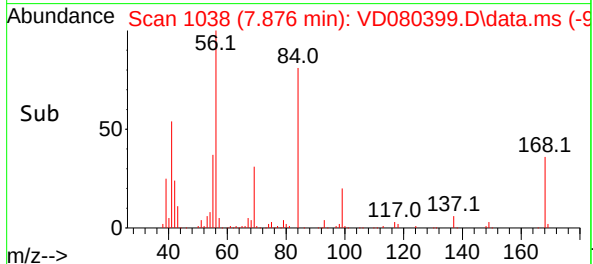
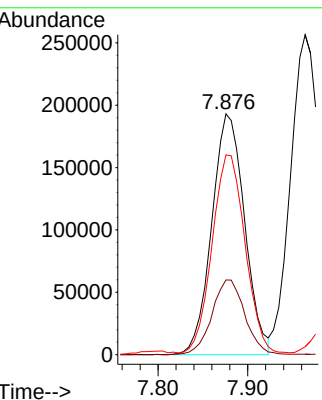
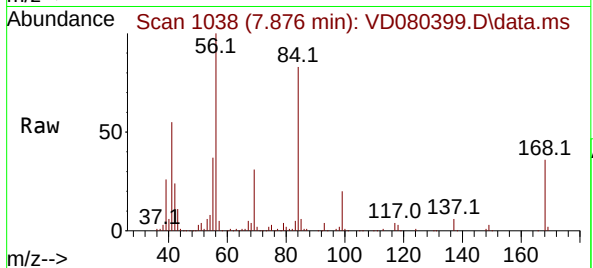
Tgt Ion: 56 Resp: 490613

Ion Ratio Lower Upper

56 100

69 31.1 25.5 38.3

84 82.2 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 140.972 ug/l

RT: 7.793 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VD080399.D

Acq: 30 May 2025 11:09

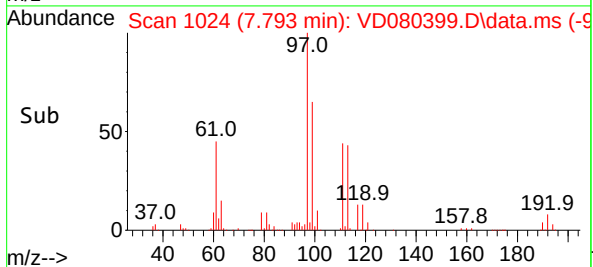
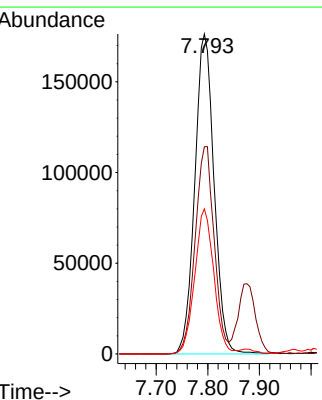
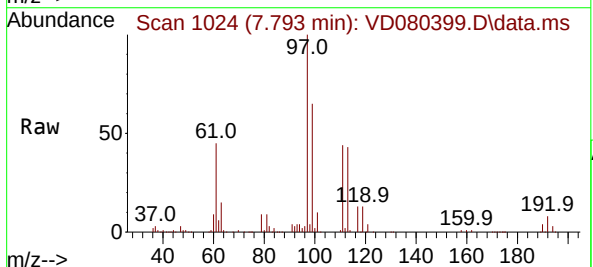
Tgt Ion: 97 Resp: 457786

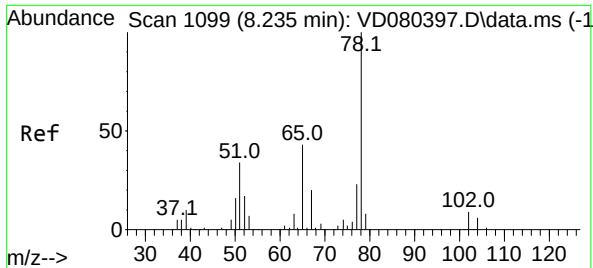
Ion Ratio Lower Upper

97 100

99 64.1 51.5 77.3

61 45.0 37.8 56.8

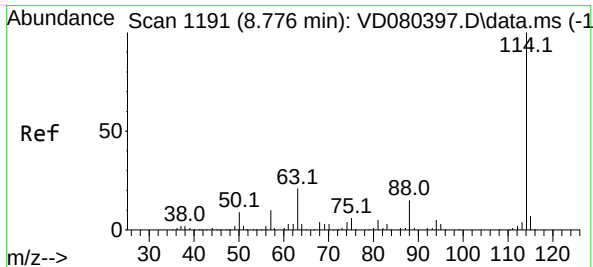
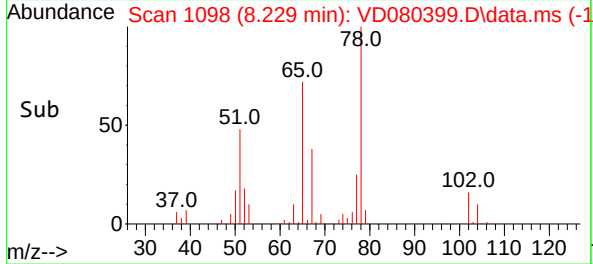
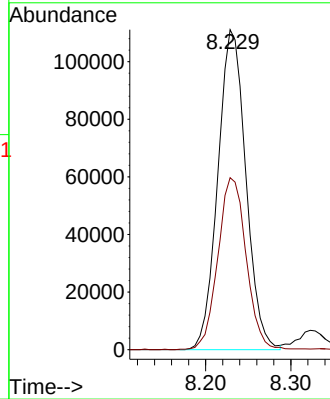
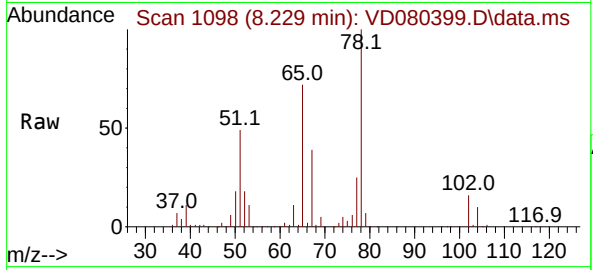




#33
 1,2-Dichloroethane-d4
 Concen: 128.689 ug/l
 RT: 8.229 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: VD080399.D
 Acq: 30 May 2025 11:09

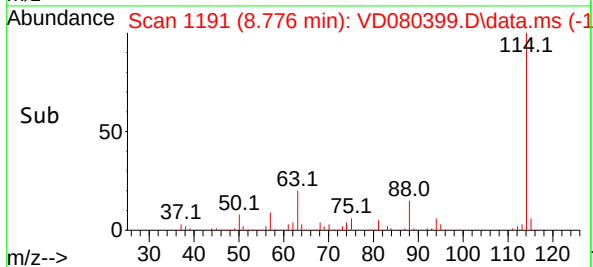
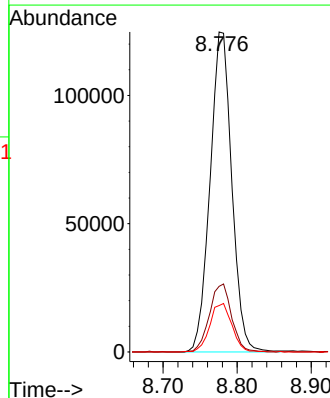
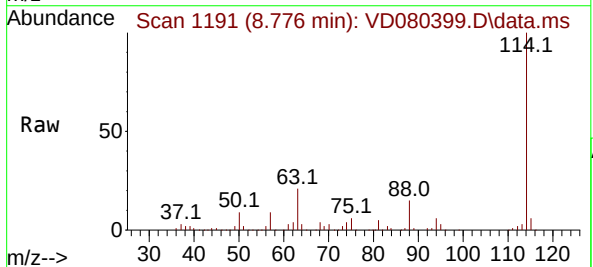
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

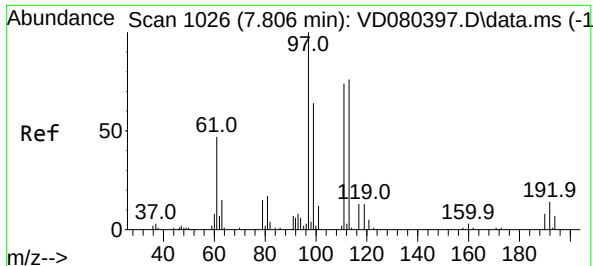
Tgt Ion: 65 Resp: 253651
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.776 min Scan# 1191
 Delta R.T. -0.000 min
 Lab File: VD080399.D
 Acq: 30 May 2025 11:09

Tgt Ion: 114 Resp: 254062
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.4
 88 14.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 150.961 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VD080399.D

Acq: 30 May 2025 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

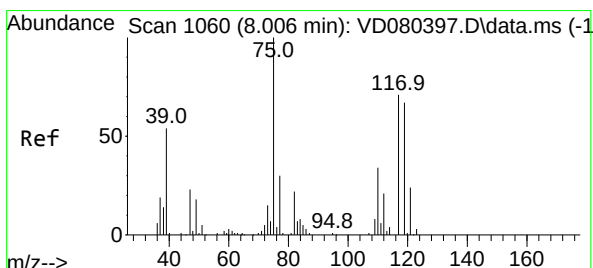
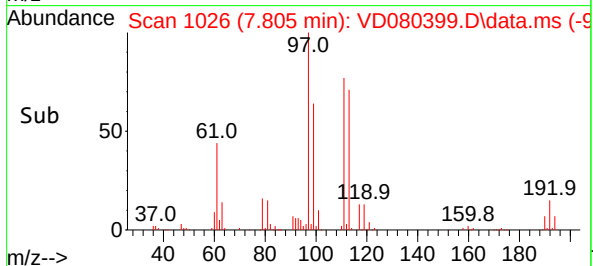
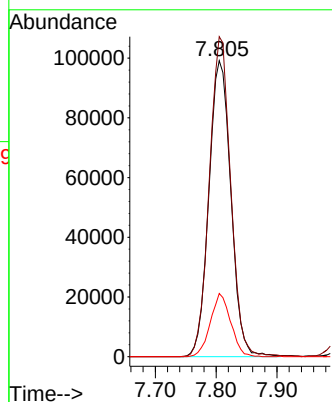
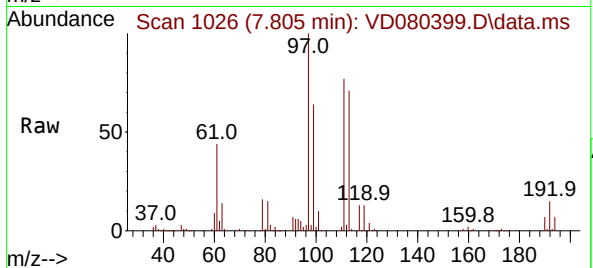
Tgt Ion:113 Resp: 249284

Ion Ratio Lower Upper

113 100

111 104.9 84.2 126.4

192 19.8 16.1 24.1



#36

1,1-Dichloropropene

Concen: 153.919 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.005 min

Lab File: VD080399.D

Acq: 30 May 2025 11:09

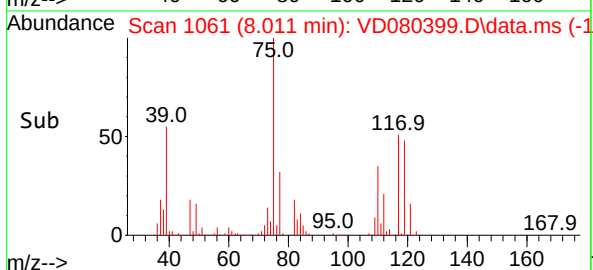
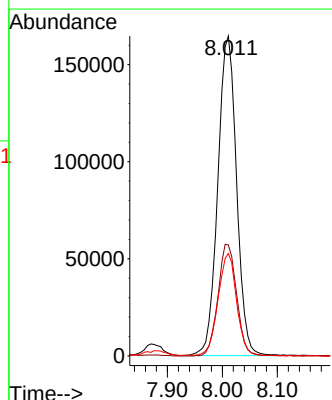
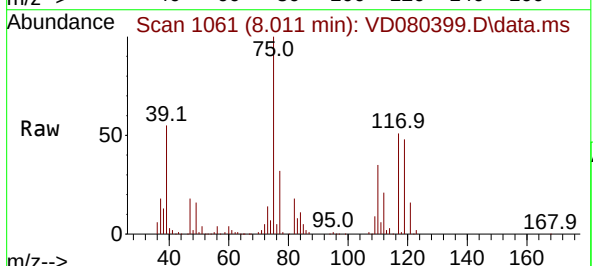
Tgt Ion: 75 Resp: 390652

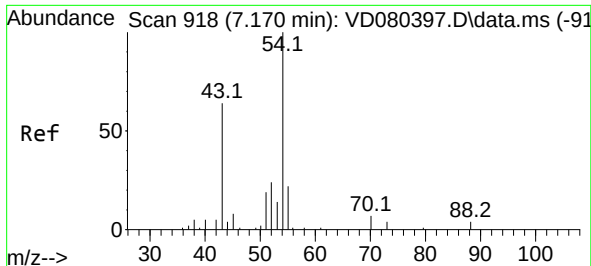
Ion Ratio Lower Upper

75 100

110 34.8 16.9 50.7

77 31.4 25.0 37.6





#37

Ethyl Acetate

Concen: 164.462 ug/l

RT: 7.170 min Scan# 918

Delta R.T. -0.001 min

Lab File: VD080399.D

Acq: 30 May 2025 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

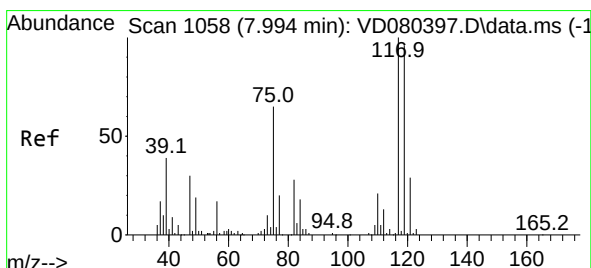
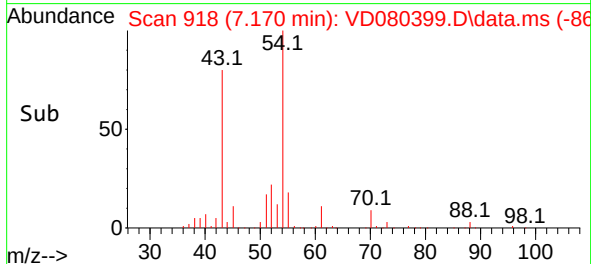
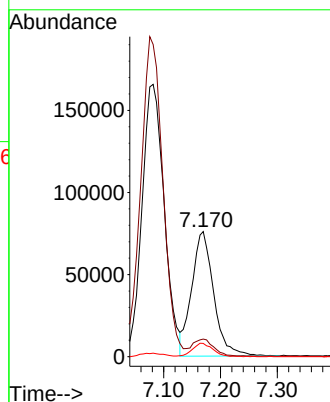
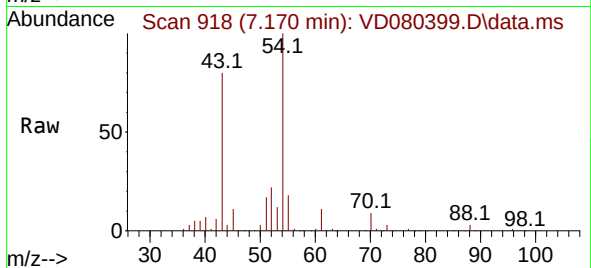
Tgt Ion: 43 Resp: 204444

Ion Ratio Lower Upper

43 100

61 13.4 11.8 17.6

70 10.1 8.6 12.8



#38

Carbon Tetrachloride

Concen: 147.847 ug/l

RT: 7.993 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD080399.D

Acq: 30 May 2025 11:09

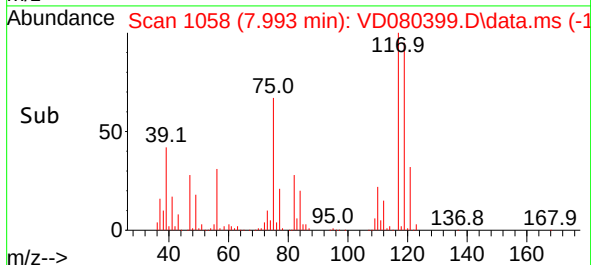
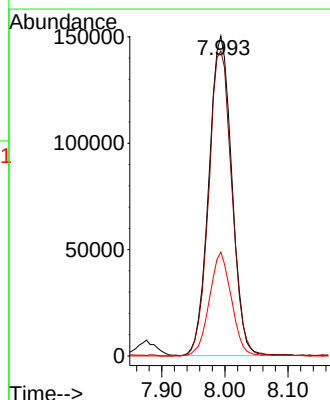
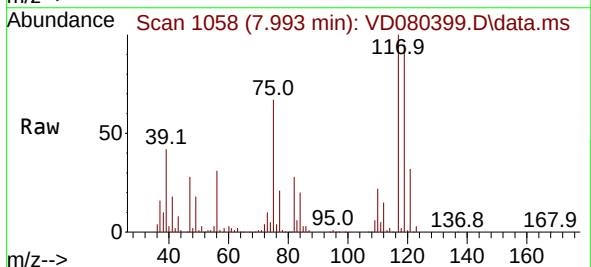
Tgt Ion: 117 Resp: 380180

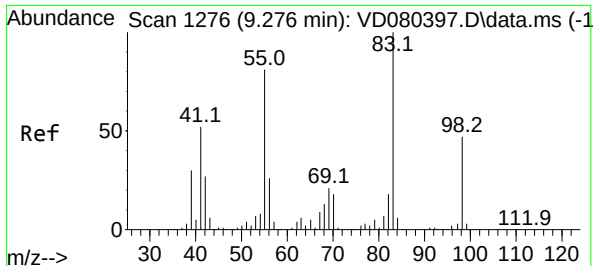
Ion Ratio Lower Upper

117 100

119 95.4 77.3 115.9

121 32.5 23.3 34.9





#39

Methylcyclohexane

Concen: 159.268 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VD080399.D

Acq: 30 May 2025 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

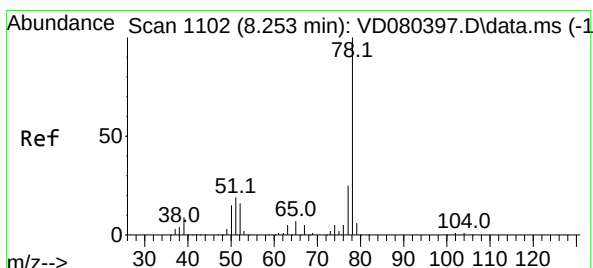
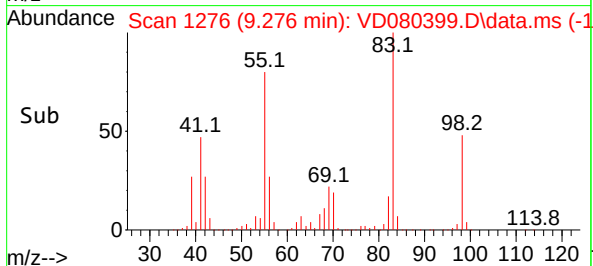
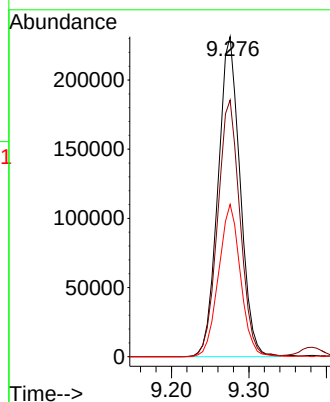
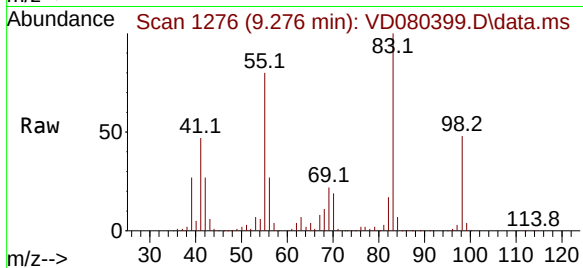
Tgt Ion: 83 Resp: 458450

Ion Ratio Lower Upper

83 100

55 80.2 64.6 97.0

98 47.6 37.5 56.3



#40

Benzene

Concen: 148.739 ug/l

RT: 8.252 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VD080399.D

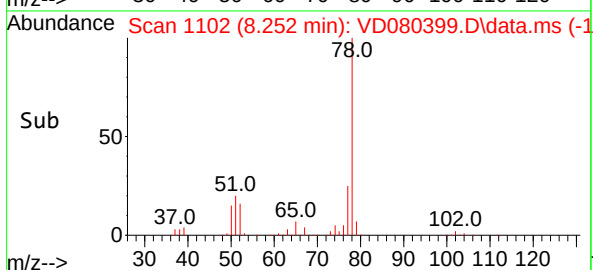
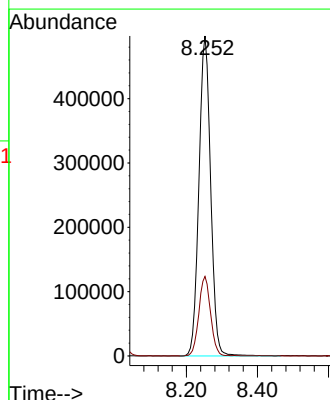
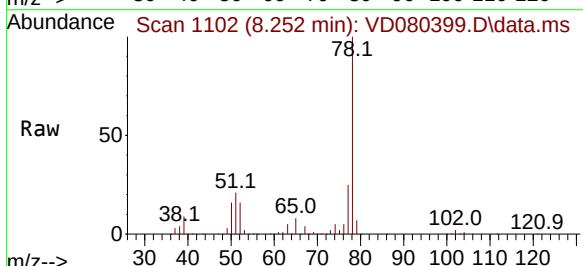
Acq: 30 May 2025 11:09

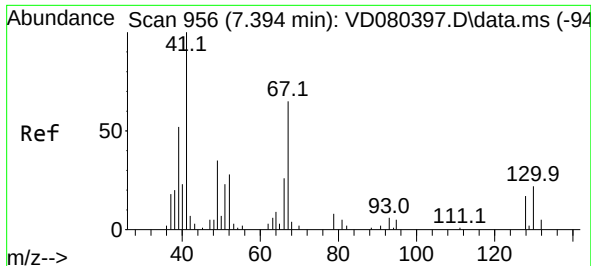
Tgt Ion: 78 Resp: 1140433

Ion Ratio Lower Upper

78 100

77 24.9 20.2 30.2



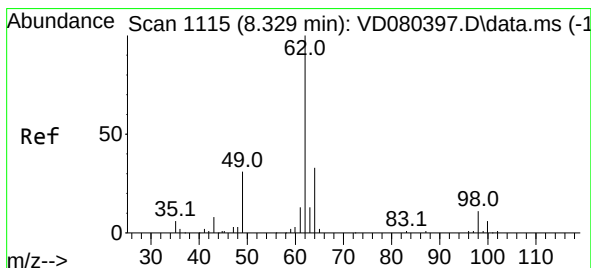
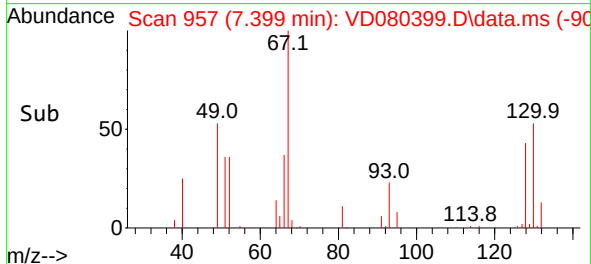
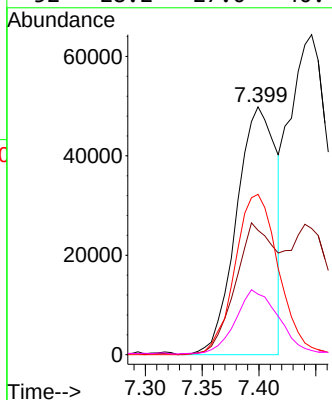
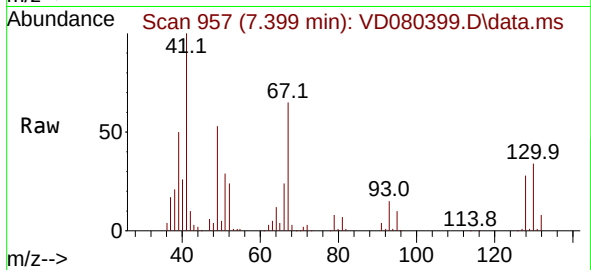


#41
Methacrylonitrile
Concen: 172.805 ug/l
RT: 7.399 min Scan# 911
Delta R.T. 0.005 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 121148

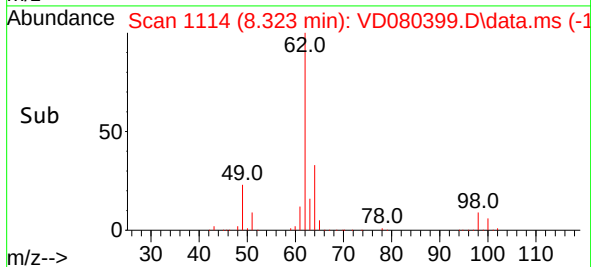
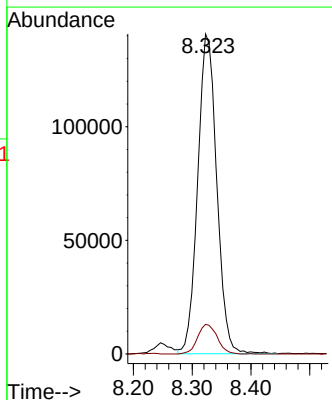
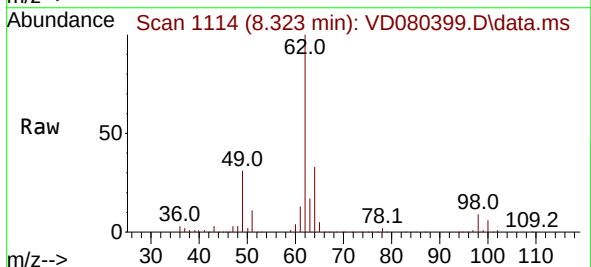
Ion	Ratio	Lower	Upper
41	100		
39	52.9	51.8	77.8
67	71.3	55.4	83.2
52	28.2	27.0	40.4

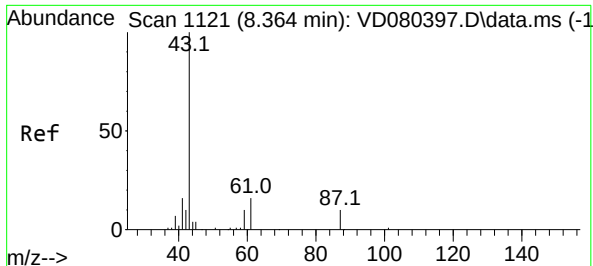


#42
1,2-Dichloroethane
Concen: 144.423 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 62 Resp: 316791

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8

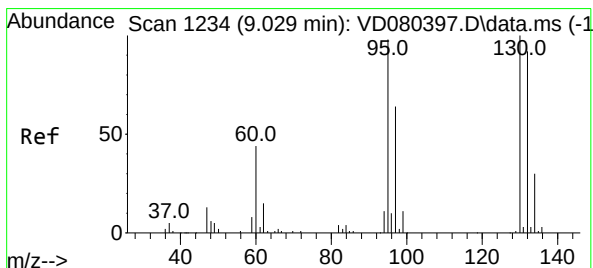
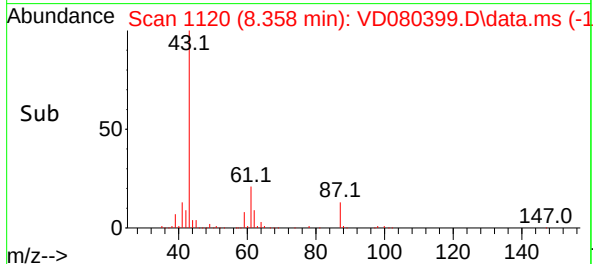
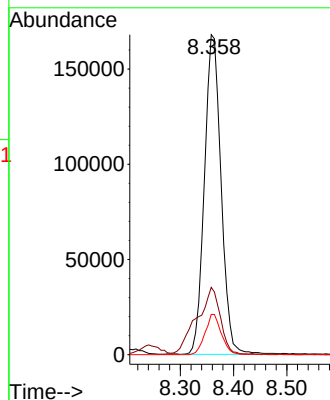
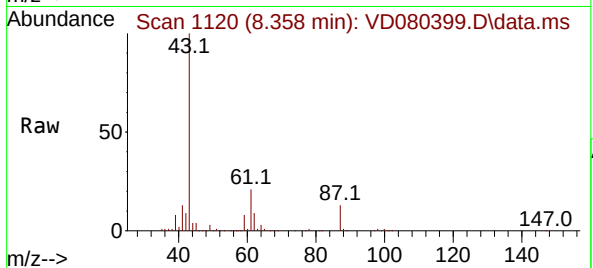




#43
Isopropyl Acetate
Concen: 159.146 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. -0.006 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

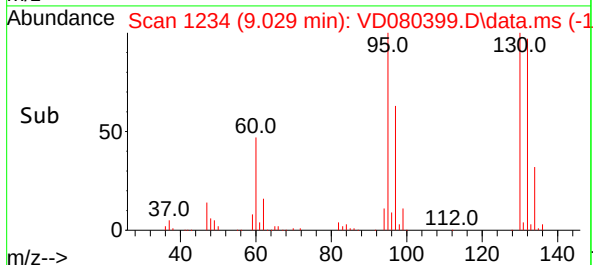
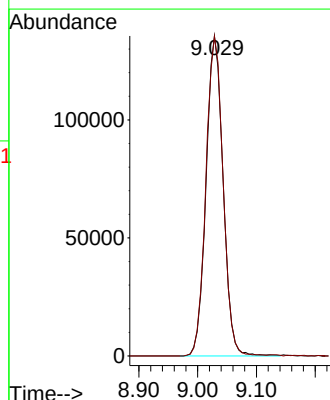
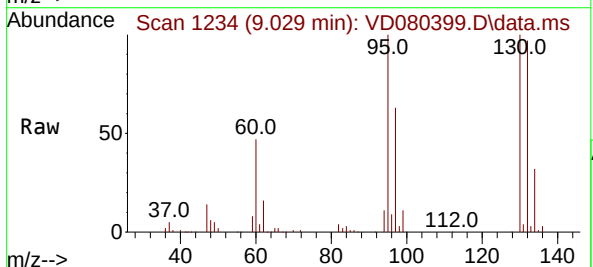
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

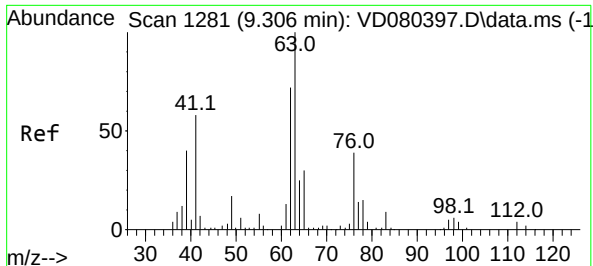
Tgt Ion: 43 Resp: 365898
Ion Ratio Lower Upper
43 100
61 29.3 24.5 36.7
87 12.3 9.8 14.6



#44
Trichloroethene
Concen: 151.722 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 130 Resp: 272838
Ion Ratio Lower Upper
130 100
95 99.9 0.0 195.2





#45

1,2-Dichloropropane

Concen: 148.942 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD080399.D

Acq: 30 May 2025 11:09

Instrument :

MSVOA_D

ClientSampleId :

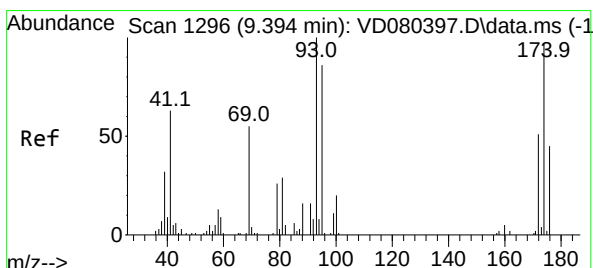
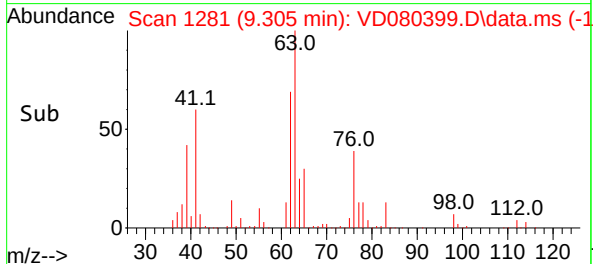
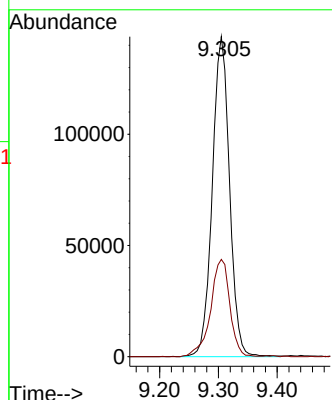
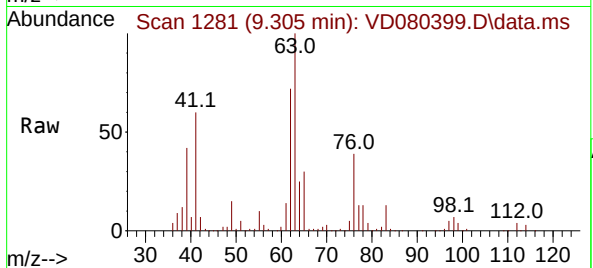
VSTDICC150

Tgt Ion: 63 Resp: 292998

Ion Ratio Lower Upper

63 100

65 30.4 23.9 35.9



#46

Dibromomethane

Concen: 151.894 ug/l

RT: 9.393 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VD080399.D

Acq: 30 May 2025 11:09

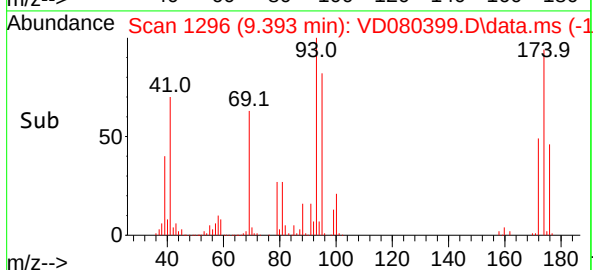
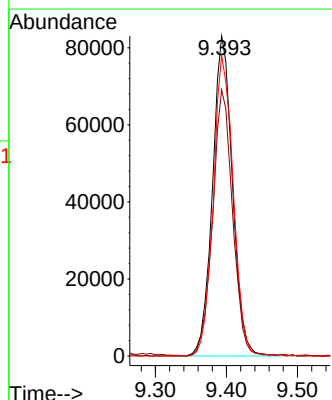
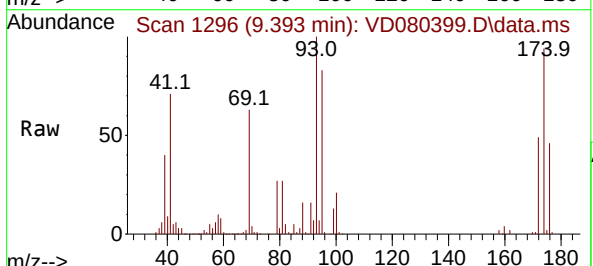
Tgt Ion: 93 Resp: 161783

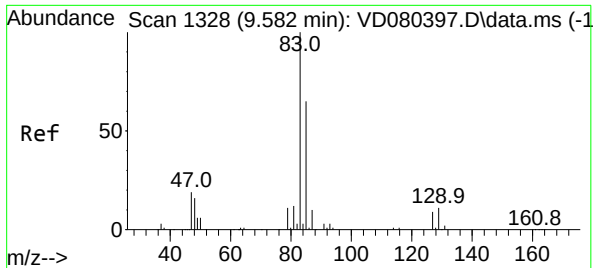
Ion Ratio Lower Upper

93 100

95 83.2 67.4 101.2

174 94.0 73.3 109.9

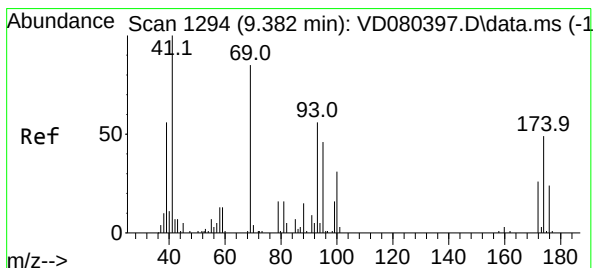
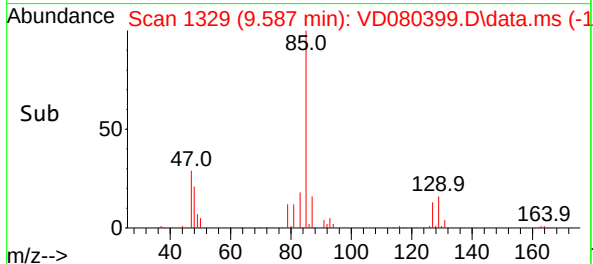
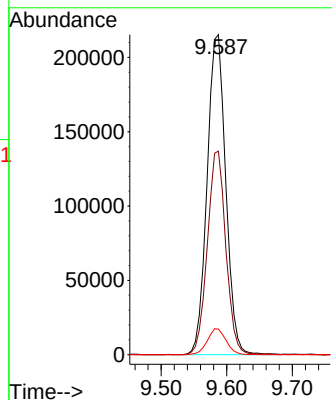
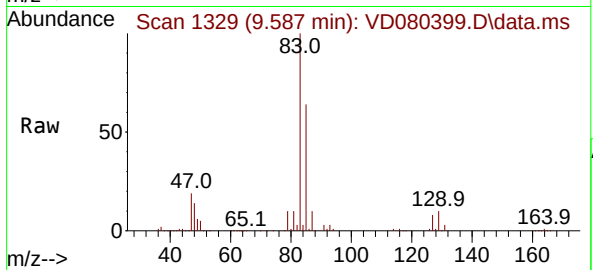




#47
Bromodichloromethane
Concen: 158.167 ug/l
RT: 9.587 min Scan# 1328
Delta R.T. 0.005 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

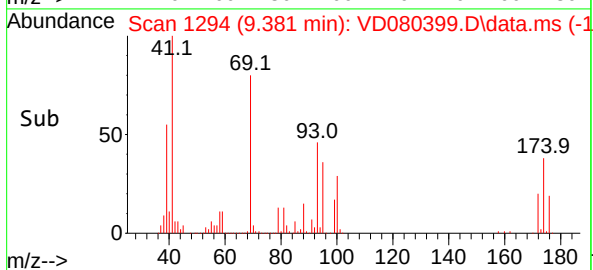
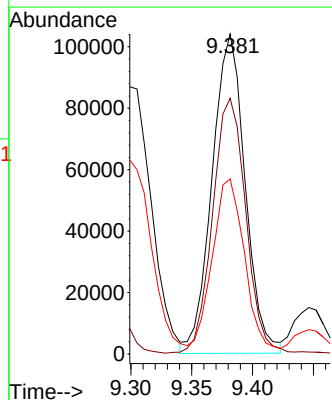
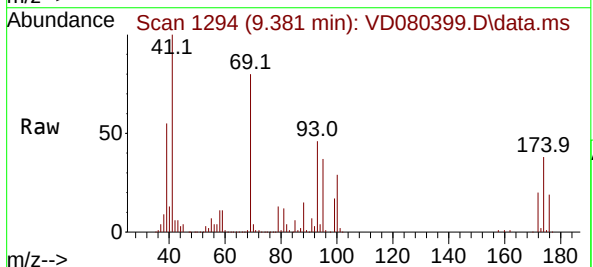
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

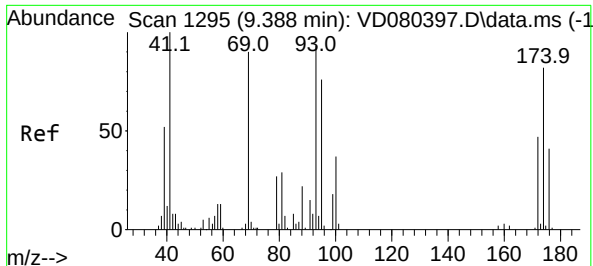
Tgt Ion: 83 Resp: 426503
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.2
127 8.0 7.0 10.6



#48
Methyl methacrylate
Concen: 175.451 ug/l
RT: 9.381 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 41 Resp: 196290
Ion Ratio Lower Upper
41 100
69 80.5 63.8 95.8
39 50.5 40.6 60.8





#49

1,4-Dioxane

Concen: 3373.059 ug/l

RT: 9.387 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VD080399.D

Acq: 30 May 2025 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

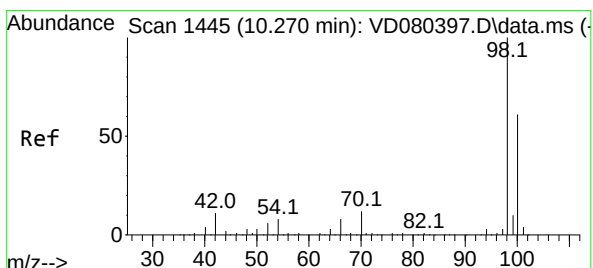
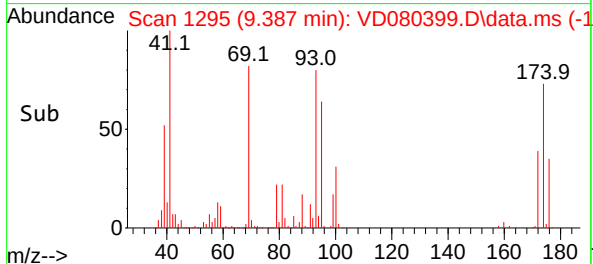
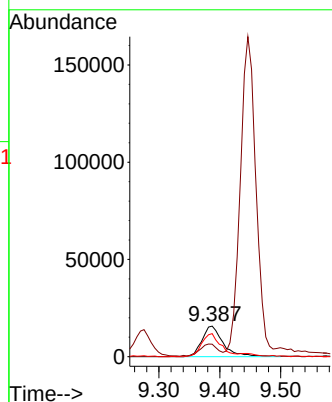
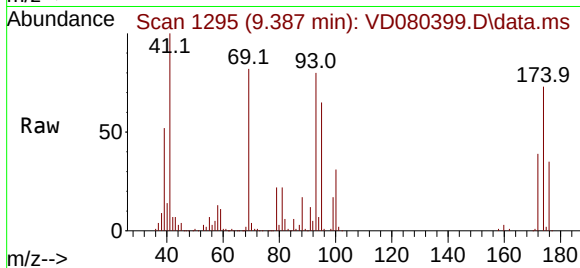
Tgt Ion: 88 Resp: 38178

Ion Ratio Lower Upper

88 100

43 32.5 35.8 53.8#

58 67.6 58.3 87.5



#50

Toluene-d8

Concen: 150.686 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. -0.001 min

Lab File: VD080399.D

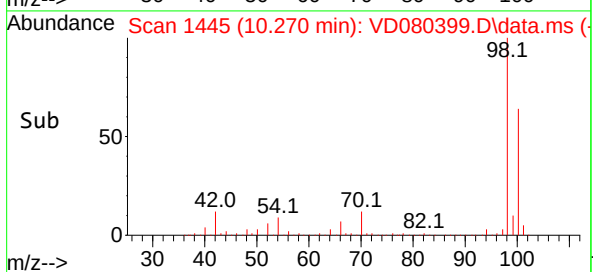
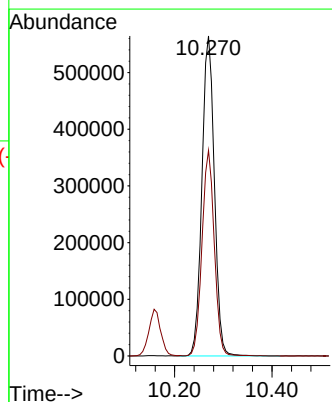
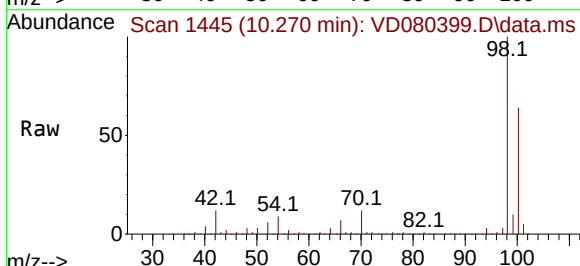
Acq: 30 May 2025 11:09

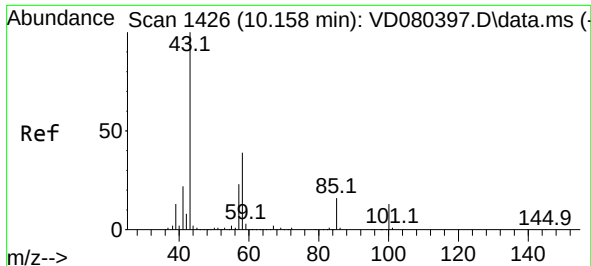
Tgt Ion: 98 Resp: 1001175

Ion Ratio Lower Upper

98 100

100 63.6 50.3 75.5

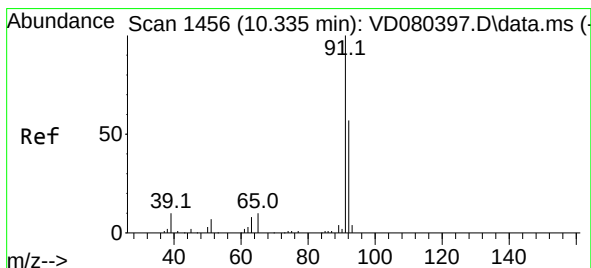
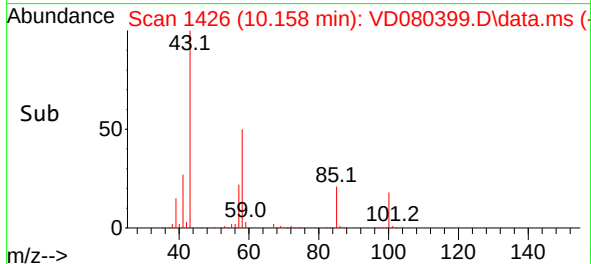
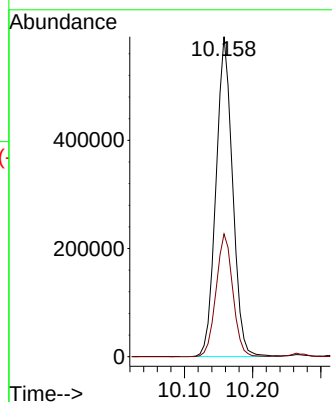
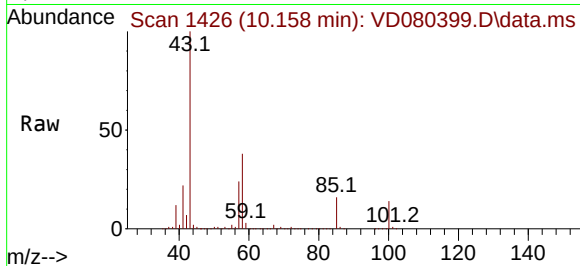




#51
4-Methyl-2-Pentanone
Concen: 826.613 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

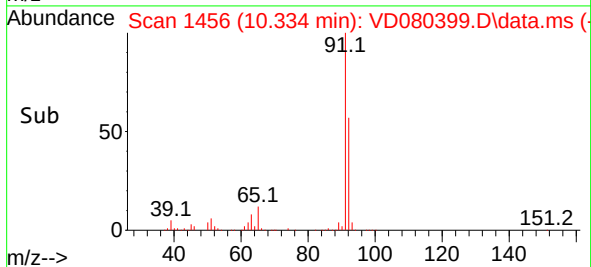
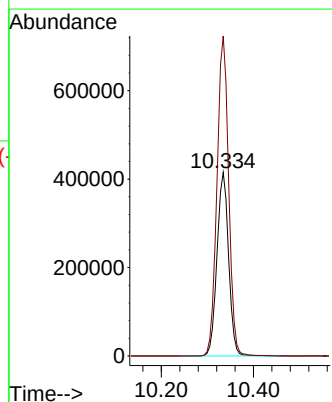
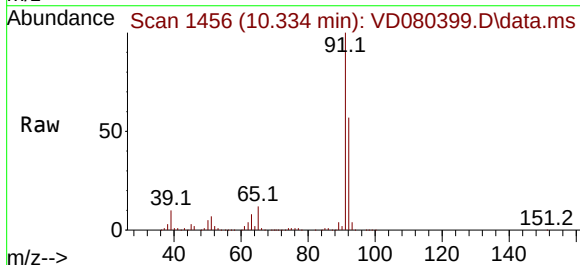
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

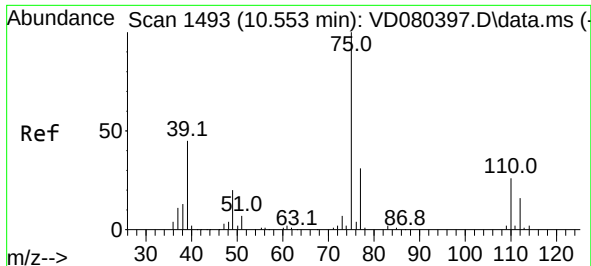
Tgt Ion: 43 Resp: 1002974
Ion Ratio Lower Upper
43 100
58 38.7 30.5 45.7



#52
Toluene
Concen: 155.653 ug/l
RT: 10.334 min Scan# 1456
Delta R.T. -0.001 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 92 Resp: 724006
Ion Ratio Lower Upper
92 100
91 175.0 142.5 213.7

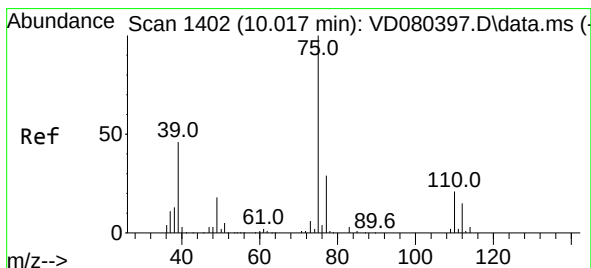
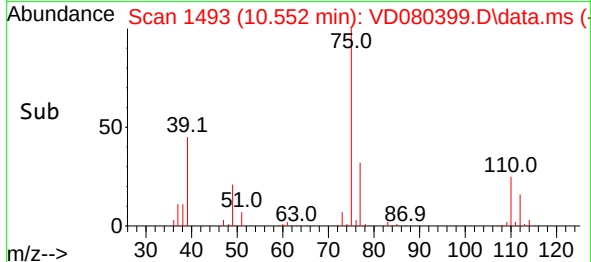
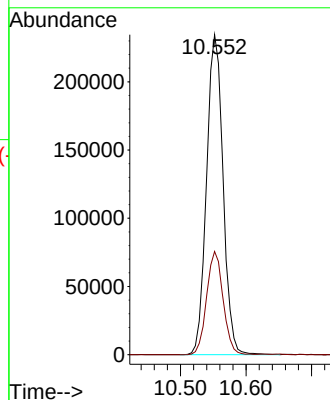
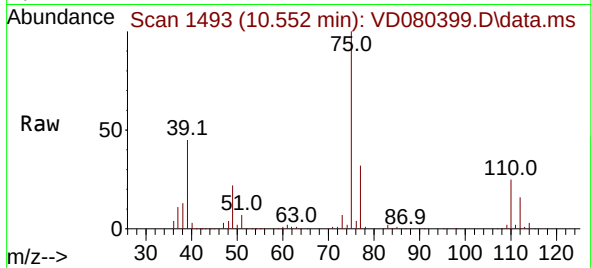




#53
t-1,3-Dichloropropene
Concen: 165.316 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

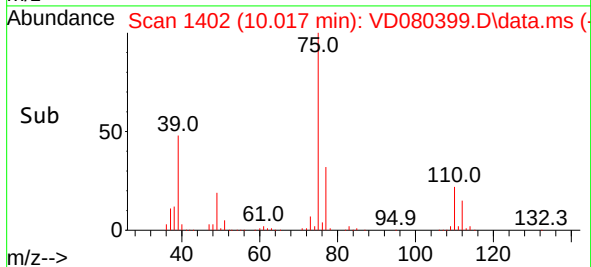
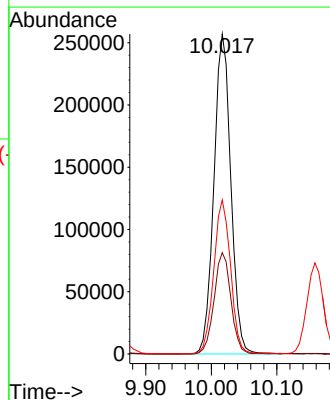
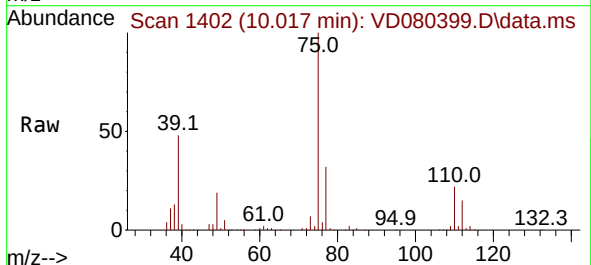
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

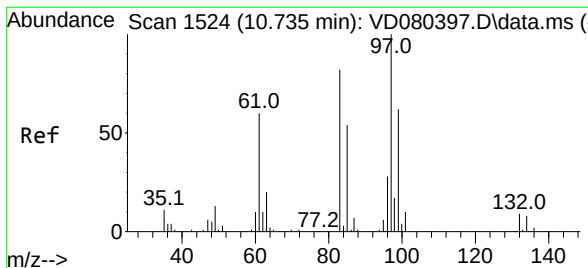
Tgt Ion: 75 Resp: 411207
Ion Ratio Lower Upper
75 100
77 32.2 24.7 37.1



#54
cis-1,3-Dichloropropene
Concen: 161.315 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 75 Resp: 459560
Ion Ratio Lower Upper
75 100
77 31.7 23.3 34.9
39 48.0 36.5 54.7



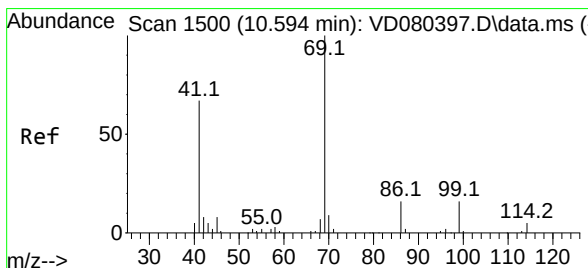
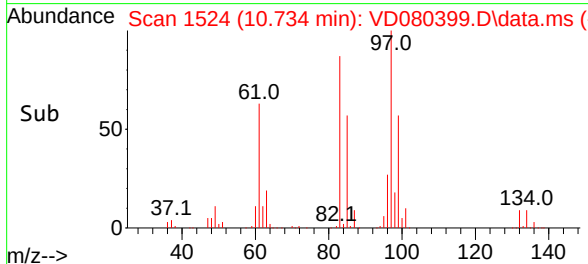
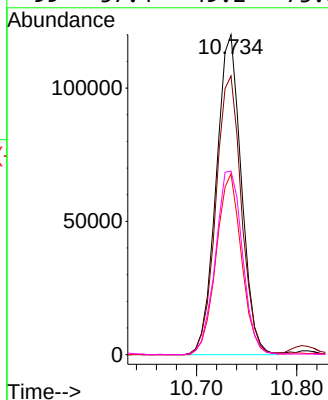
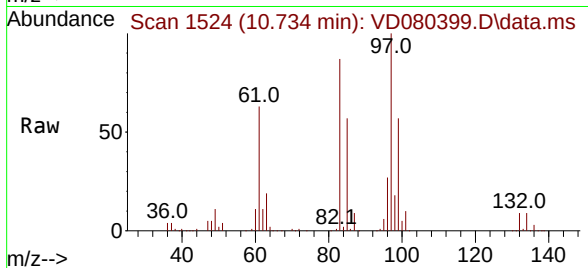


#55
1,1,2-Trichloroethane
Concen: 146.644 ug/l
RT: 10.734 min Scan# 1501
Delta R.T. -0.001 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 208874

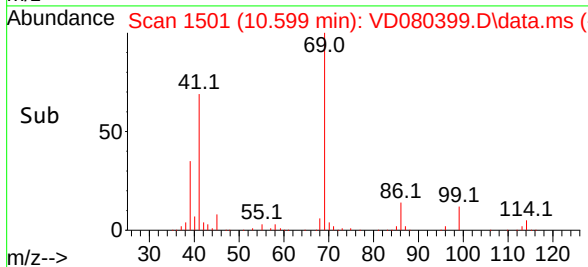
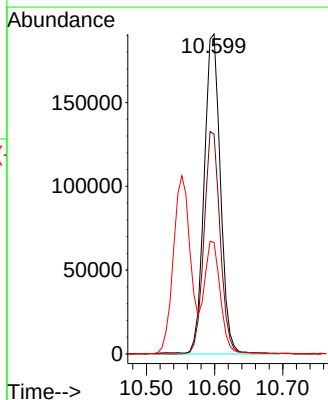
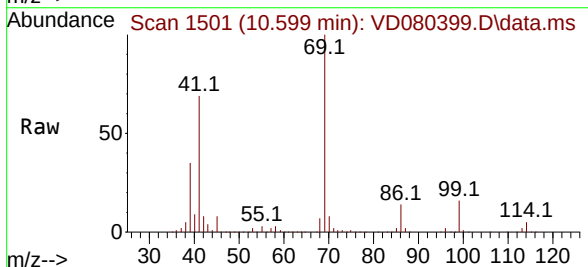
Ion	Ratio	Lower	Upper
97	100		
83	87.1	65.5	98.3
85	56.5	43.2	64.8
99	57.4	49.2	73.8

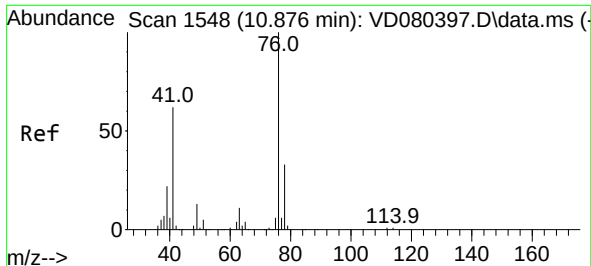


#56
Ethyl methacrylate
Concen: 148.319 ug/l
RT: 10.599 min Scan# 1501
Delta R.T. 0.005 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 69 Resp: 316366

Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.4	81.6
39	34.7	28.0	42.0

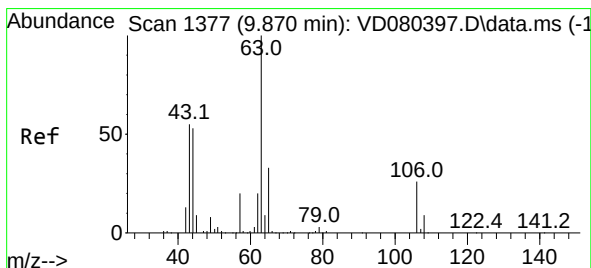
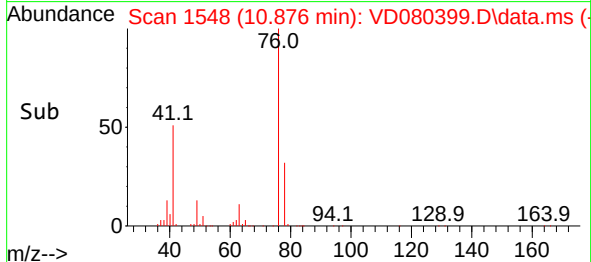
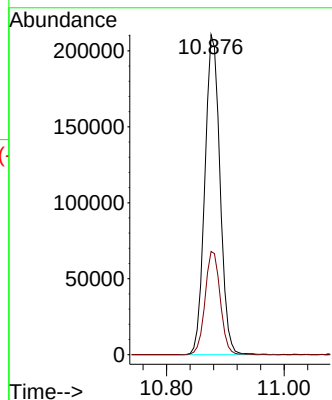
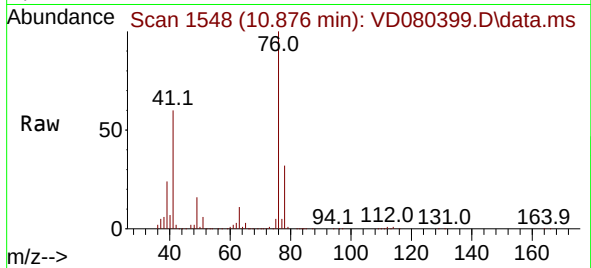




#57
1,3-Dichloropropane
Concen: 155.049 ug/l
RT: 10.876 min Scan# 1548
Delta R.T. -0.001 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

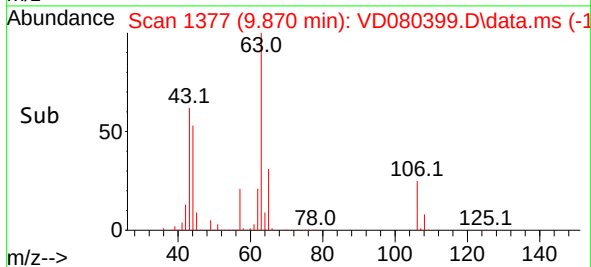
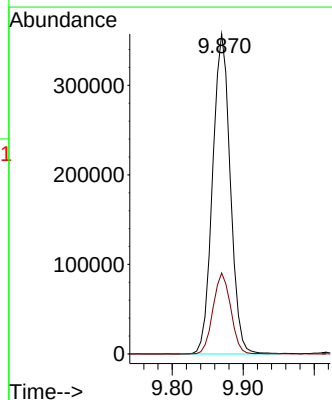
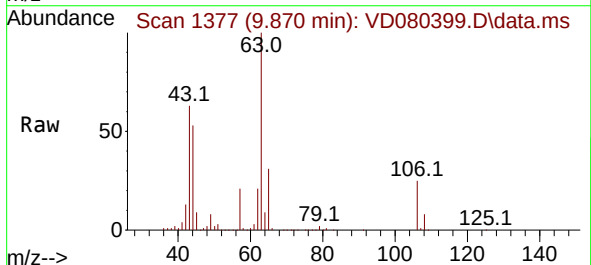
Instrument : MSVOA_D
ClientSampleId : VSTDIC150

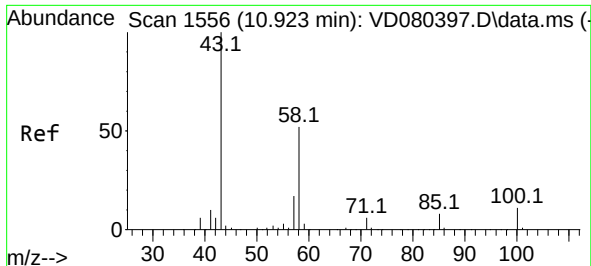
Tgt Ion: 76 Resp: 377341
Ion Ratio Lower Upper
76 100
78 32.3 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 850.961 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. -0.001 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 63 Resp: 617739
Ion Ratio Lower Upper
63 100
106 25.3 20.7 31.1

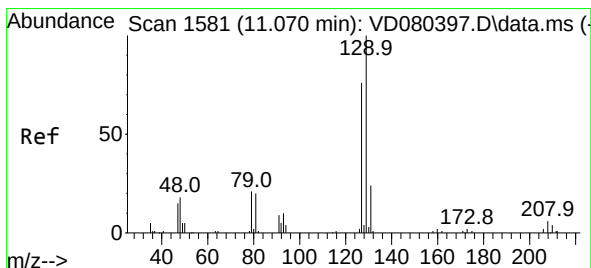
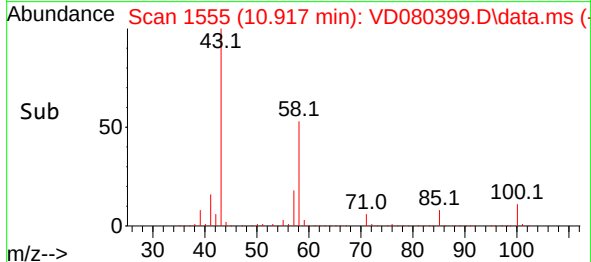
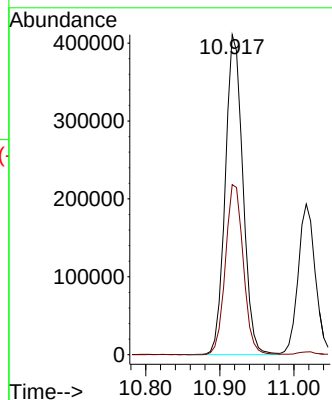
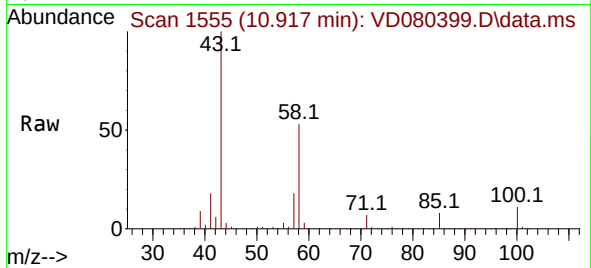




#59
2-Hexanone
Concen: 826.484 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

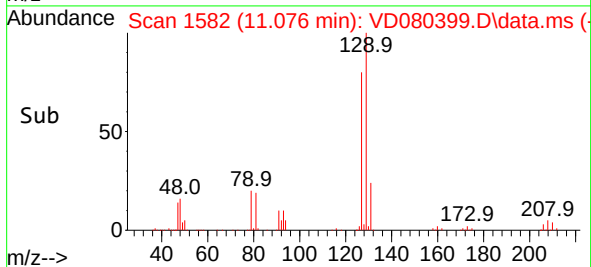
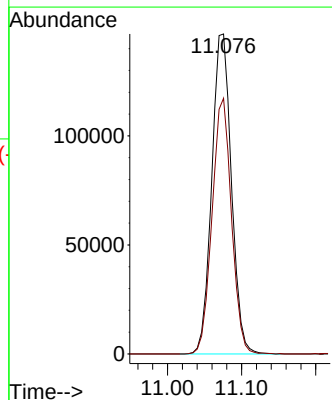
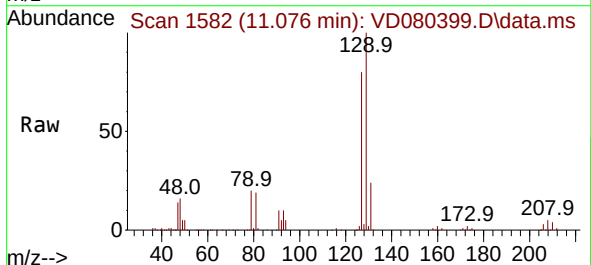
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

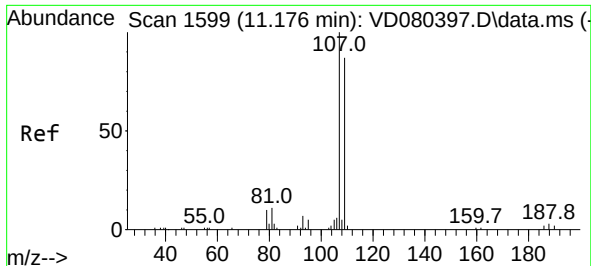
Tgt Ion: 43 Resp: 678598
Ion Ratio Lower Upper
43 100
58 54.0 25.8 77.4



#60
Dibromochloromethane
Concen: 155.558 ug/l
RT: 11.076 min Scan# 1582
Delta R.T. 0.005 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion:129 Resp: 270217
Ion Ratio Lower Upper
129 100
127 78.8 38.0 113.9

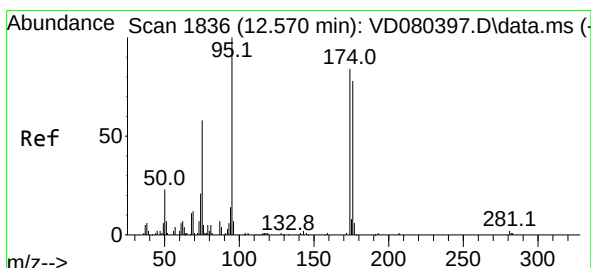
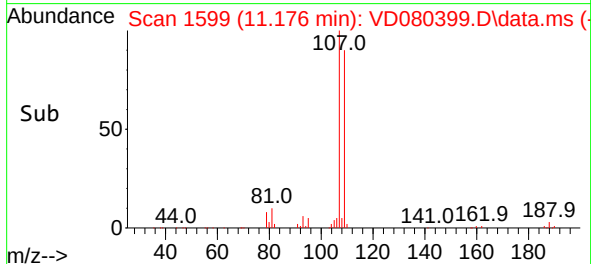
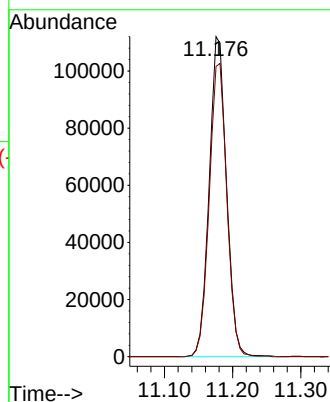
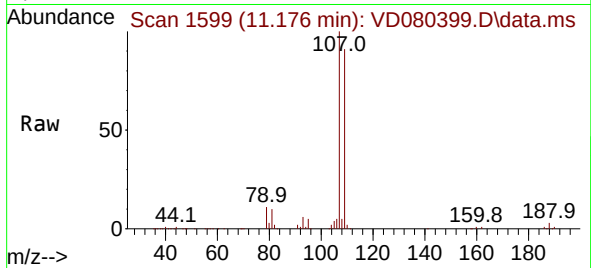




#61
1,2-Dibromoethane
Concen: 155.010 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.001 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

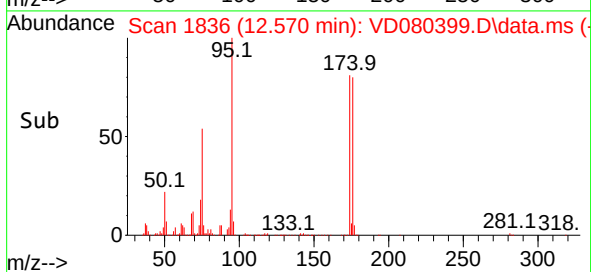
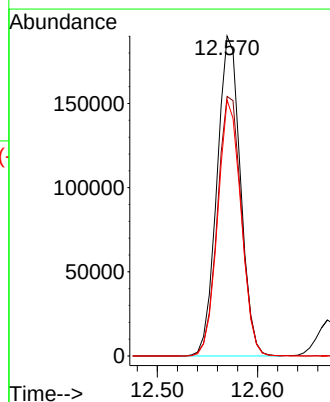
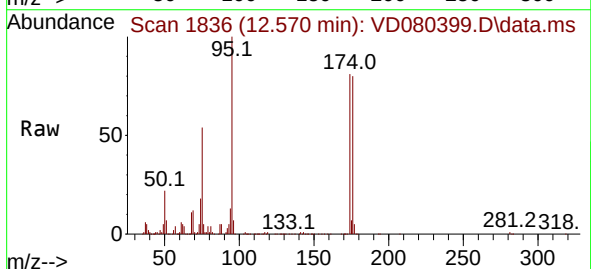
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

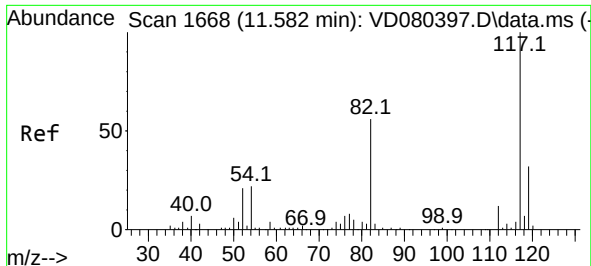
Tgt Ion:107 Resp: 198014
Ion Ratio Lower Upper
107 100
109 93.2 72.6 108.8



#62
4-Bromofluorobenzene
Concen: 151.588 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 95 Resp: 308290
Ion Ratio Lower Upper
95 100
174 83.3 0.0 164.8
176 79.4 0.0 158.4

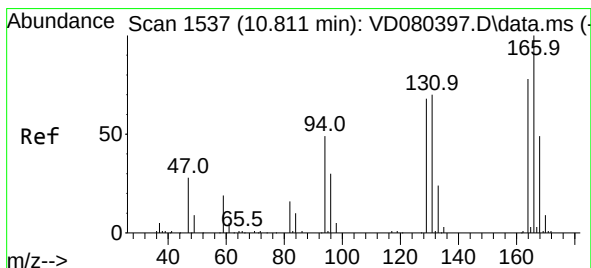
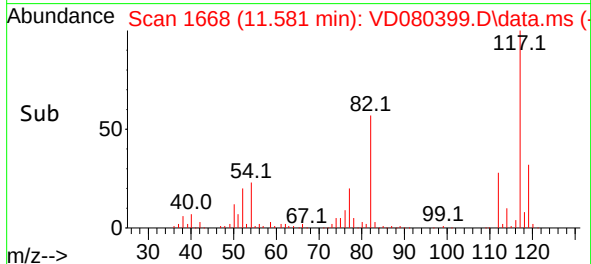
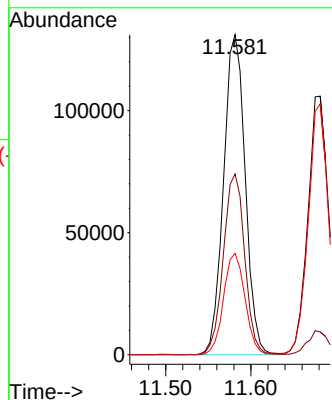
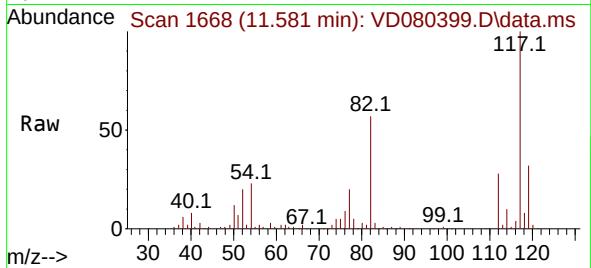




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

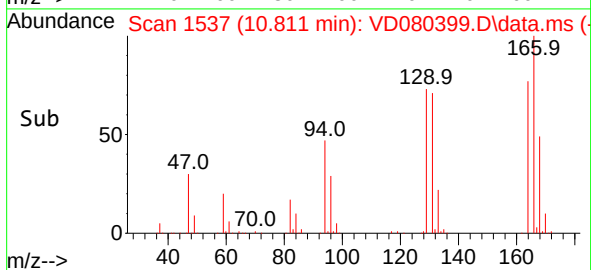
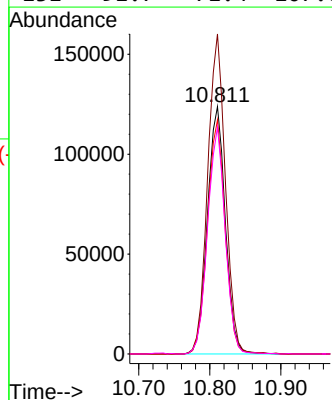
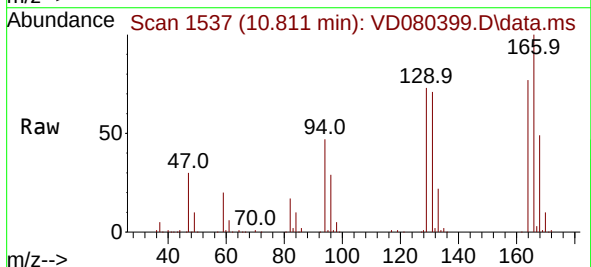
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

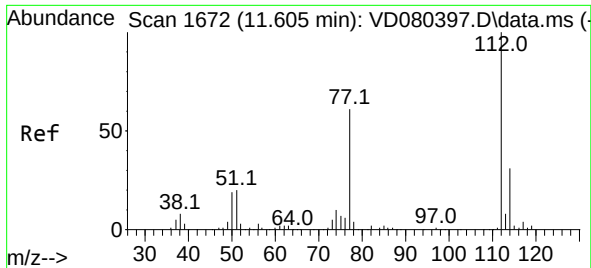
Tgt Ion:117 Resp: 231544
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.4
119 31.6 25.6 38.4



#64
Tetrachloroethene
Concen: 139.781 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. -0.001 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion:164 Resp: 218076
Ion Ratio Lower Upper
164 100
166 129.3 102.0 153.0
129 94.6 69.8 104.8
131 91.7 71.4 107.0

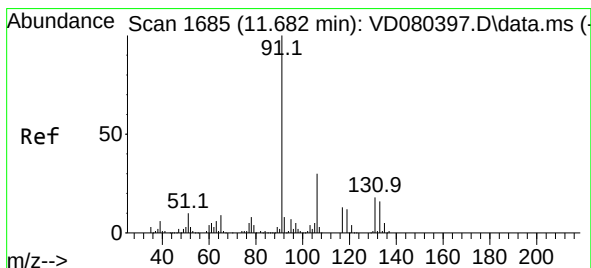
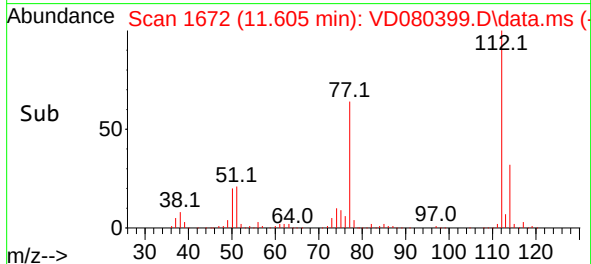
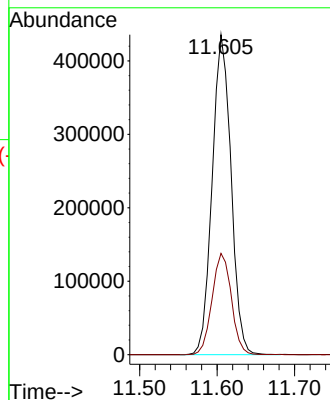
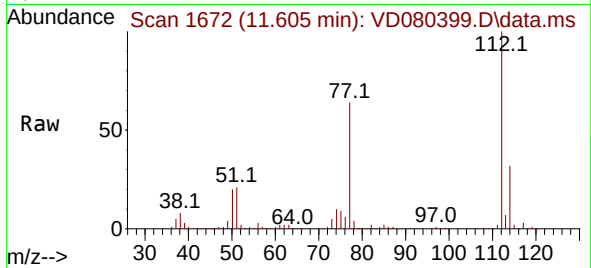




#65
Chlorobenzene
Concen: 145.100 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

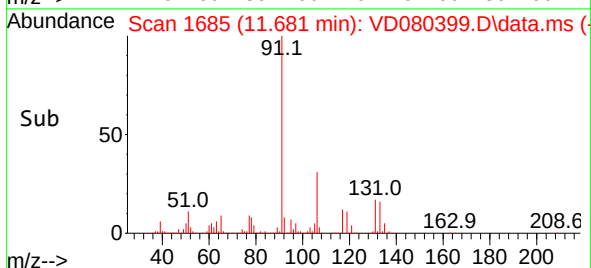
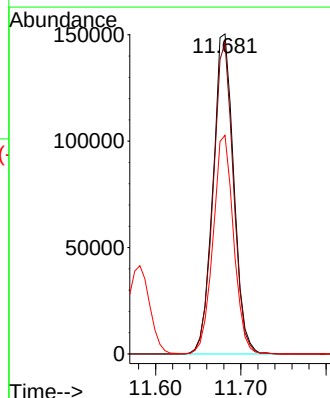
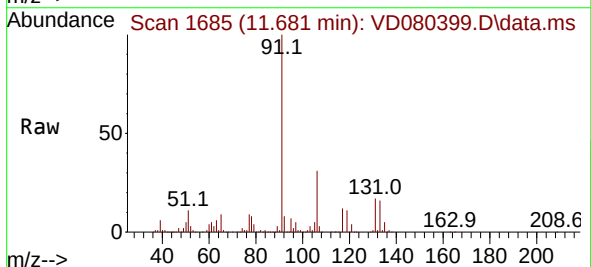
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

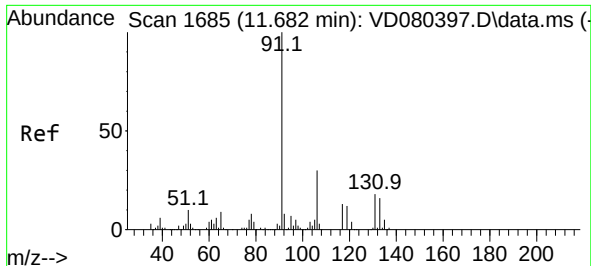
Tgt Ion:112 Resp: 736415
Ion Ratio Lower Upper
112 100
114 31.6 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 149.078 ug/l
RT: 11.681 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion:131 Resp: 255066
Ion Ratio Lower Upper
131 100
133 94.7 47.3 141.8
119 67.6 33.8 101.4





#67

Ethyl Benzene

Concen: 162.782 ug/l

RT: 11.681 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080399.D

Acq: 30 May 2025 11:09

Instrument :

MSVOA_D

ClientSampleId :

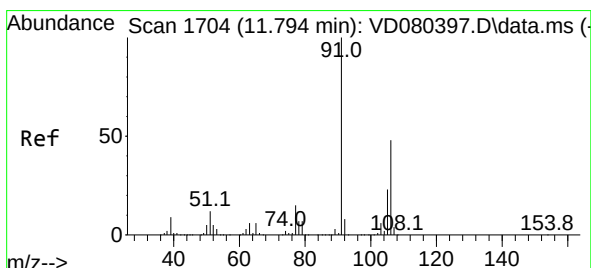
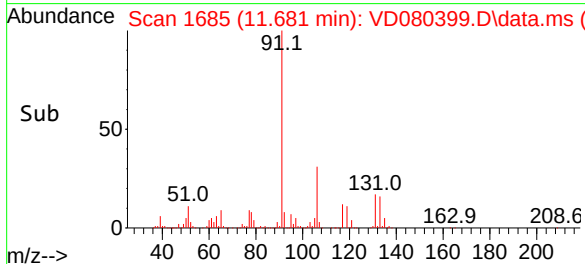
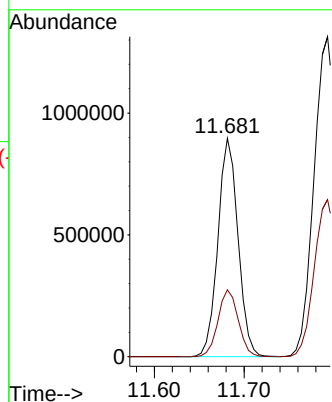
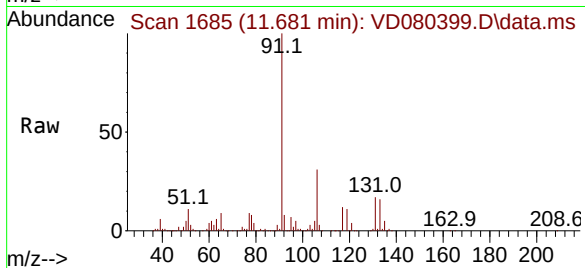
VSTDIC150

Tgt Ion: 91 Resp: 1394379

Ion Ratio Lower Upper

91 100

106 30.6 24.4 36.6



#68

m/p-Xylenes

Concen: 353.971 ug/l

RT: 11.793 min Scan# 1704

Delta R.T. -0.001 min

Lab File: VD080399.D

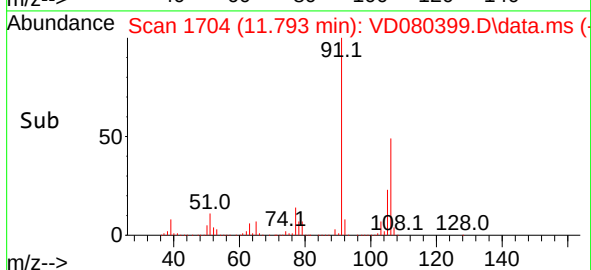
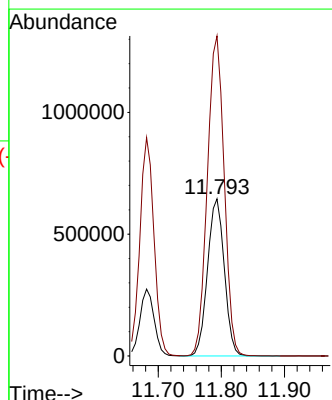
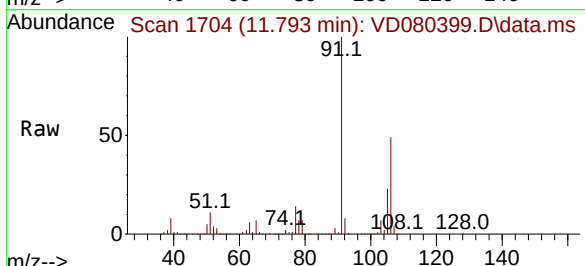
Acq: 30 May 2025 11:09

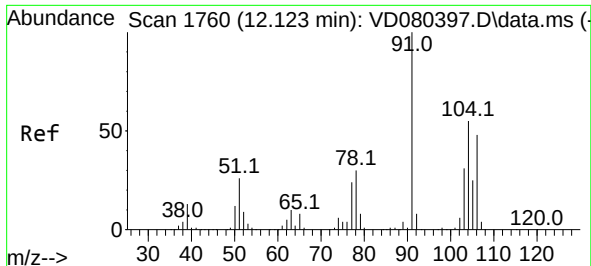
Tgt Ion:106 Resp: 1187489

Ion Ratio Lower Upper

106 100

91 204.4 164.6 247.0

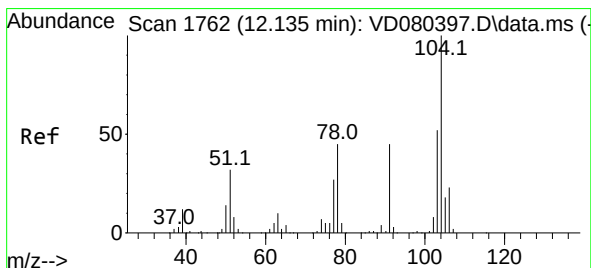
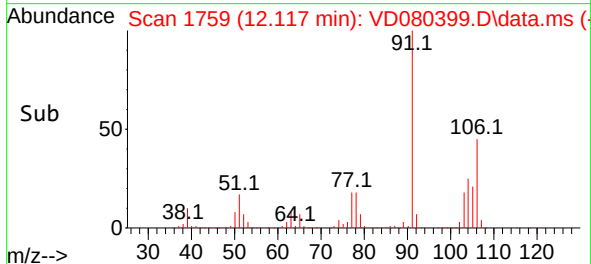
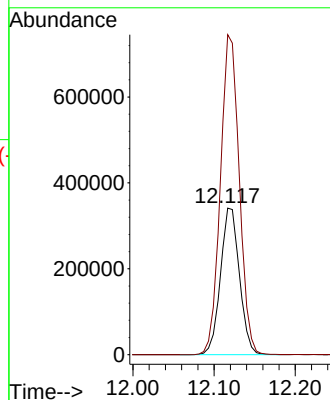
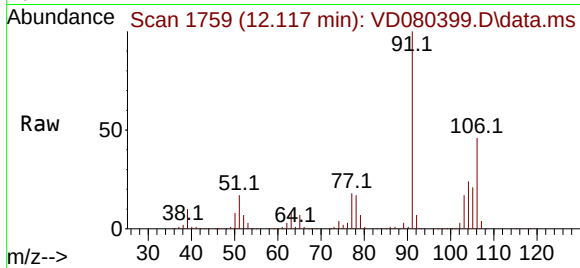




#69
o-Xylene
Concen: 177.557 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. -0.006 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

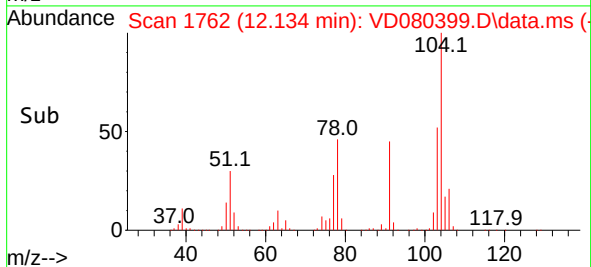
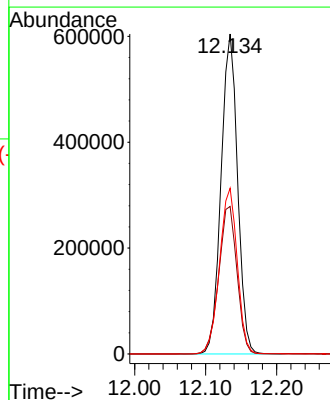
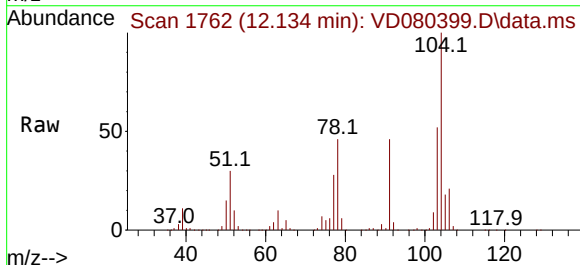
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

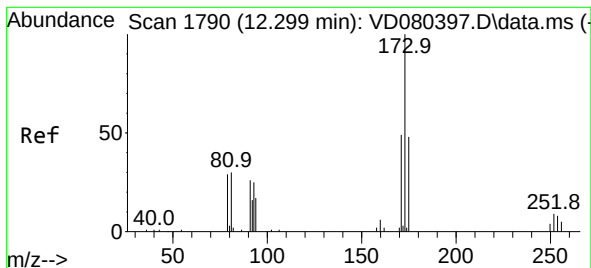
Tgt Ion:106 Resp: 554517
Ion Ratio Lower Upper
106 100
91 217.7 108.0 324.0



#70
Styrene
Concen: 176.722 ug/l
RT: 12.134 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion:104 Resp: 973063
Ion Ratio Lower Upper
104 100
78 50.9 39.6 59.4
103 55.5 44.4 66.6





#71

Bromoform

Concen: 170.195 ug/l

RT: 12.299 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VD080399.D

Acq: 30 May 2025 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

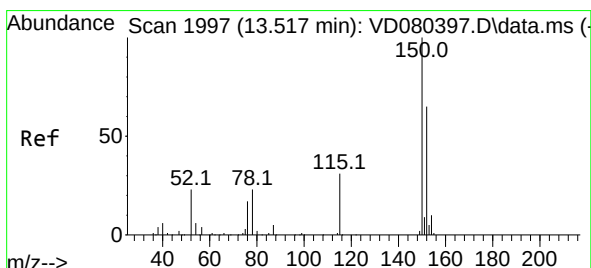
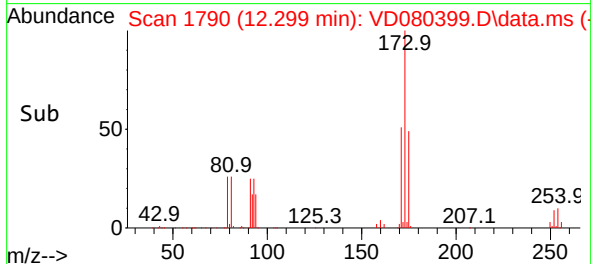
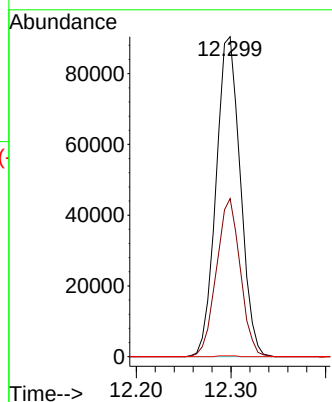
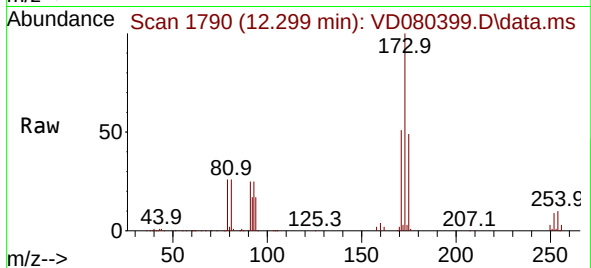
Tgt Ion:173 Resp: 161073

Ion Ratio Lower Upper

173 100

175 48.5 23.8 71.5

254 0.2 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: VD080399.D

Acq: 30 May 2025 11:09

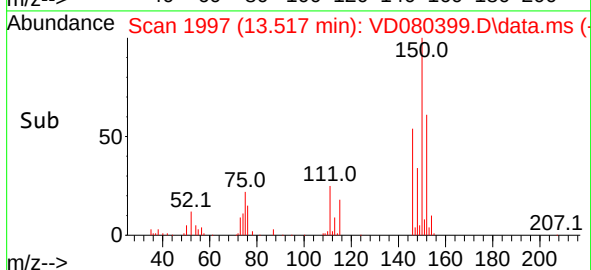
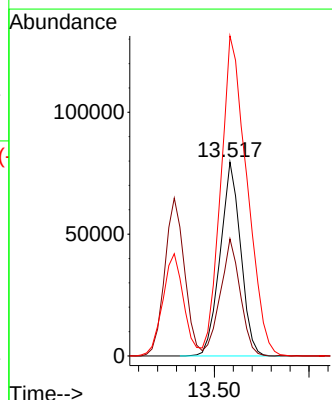
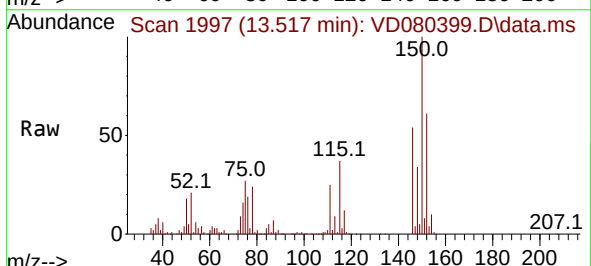
Tgt Ion:152 Resp: 119799

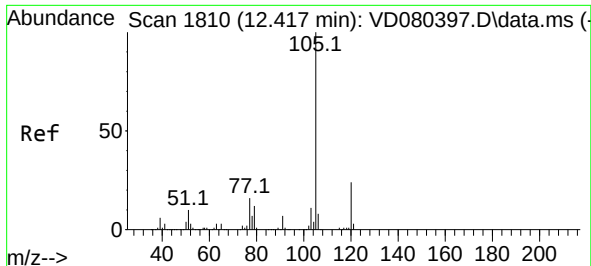
Ion Ratio Lower Upper

152 100

115 58.8 30.1 90.5

150 210.8 0.0 350.6

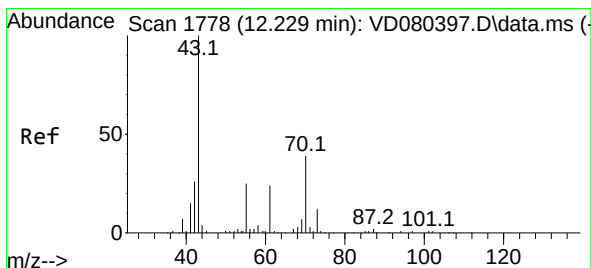
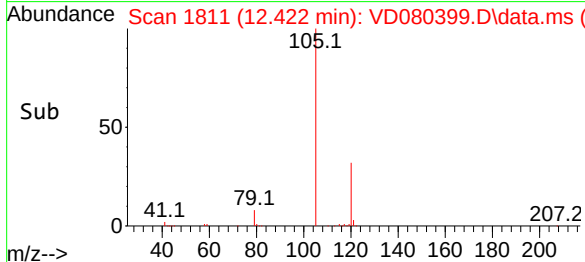
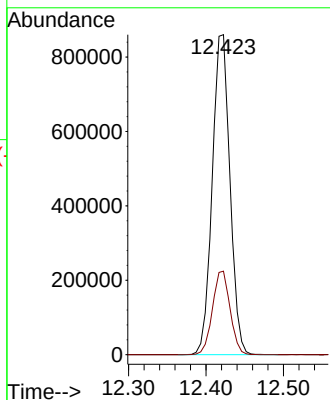
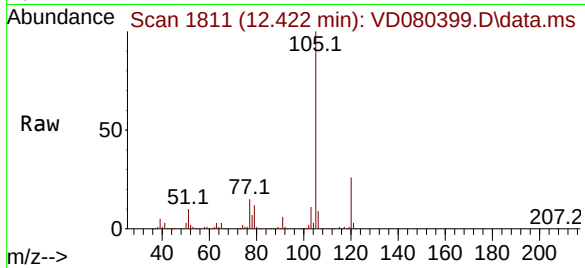




#73
Isopropylbenzene
Concen: 165.516 ug/l
RT: 12.422 min Scan# 1811
Delta R.T. 0.005 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

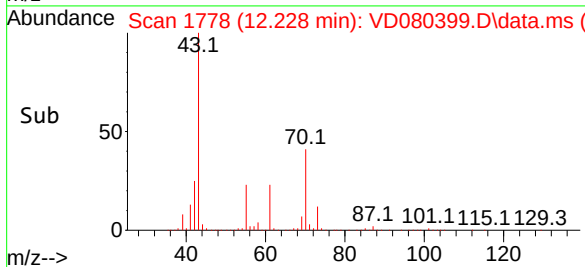
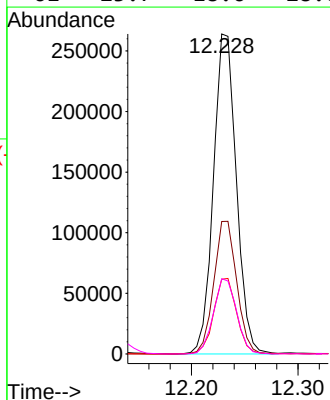
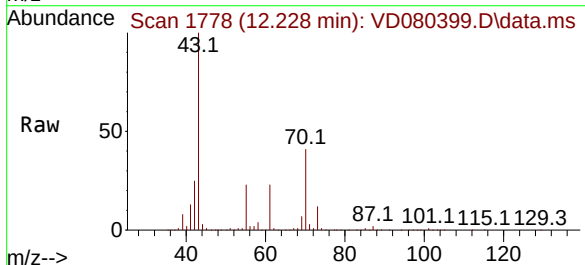
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

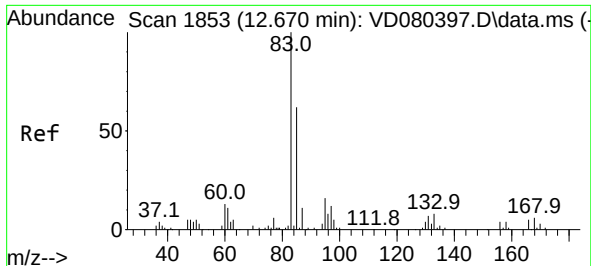
Tgt Ion:105 Resp: 1362727
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.6



#74
N-ethyl acetate
Concen: 176.722 ug/l
RT: 12.228 min Scan# 1778
Delta R.T. -0.001 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 43 Resp: 394607
Ion Ratio Lower Upper
43 100
70 41.6 33.4 50.0
55 23.7 19.9 29.9
61 23.7 18.6 28.0

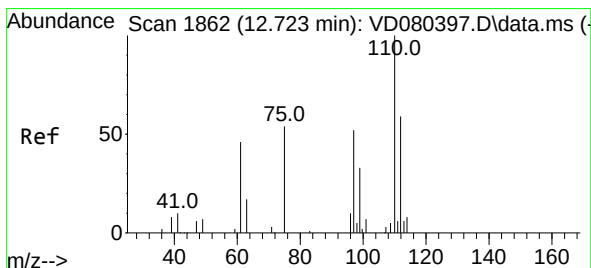
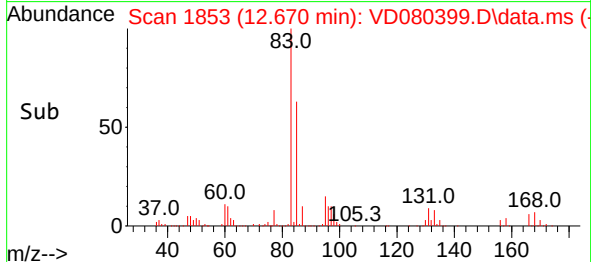
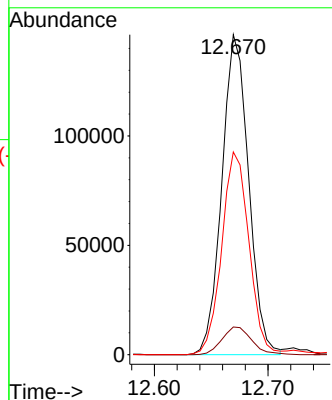
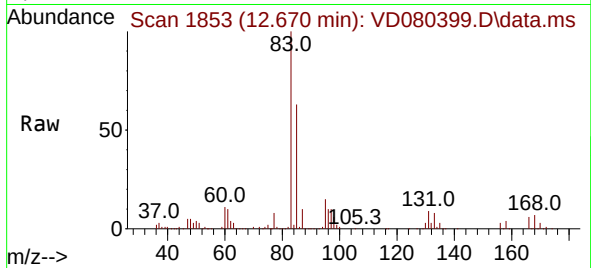




#75
 1,1,2-Tetrachloroethane
 Concen: 137.743 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VD080399.D
 Acq: 30 May 2025 11:09

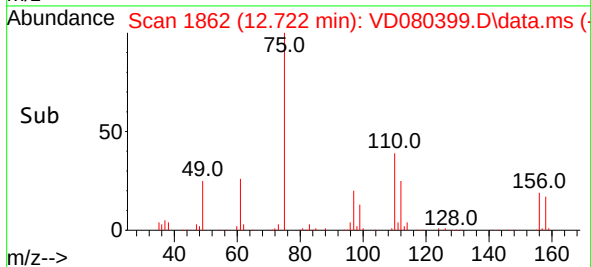
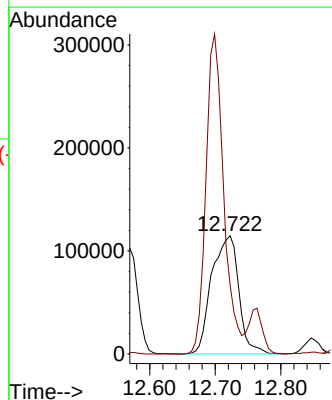
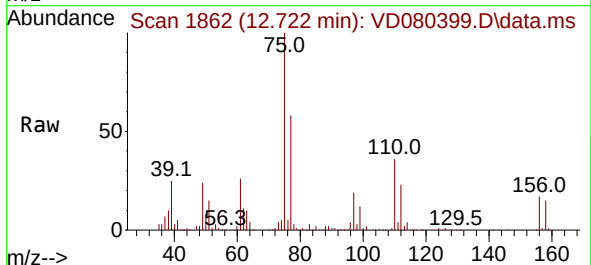
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

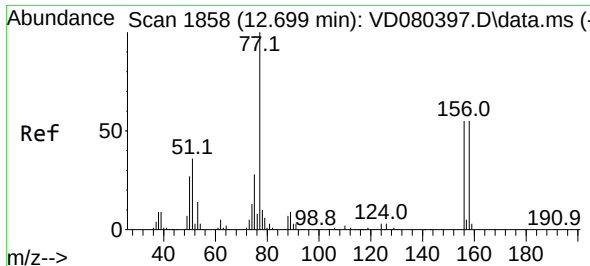
Tgt Ion: 83 Resp: 239718
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.6 13.8
 85 64.4 30.9 92.7



#76
 1,2,3-Trichloropropane
 Concen: 266.852 ug/l
 RT: 12.722 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VD080399.D
 Acq: 30 May 2025 11:09

Tgt Ion: 75 Resp: 328786
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

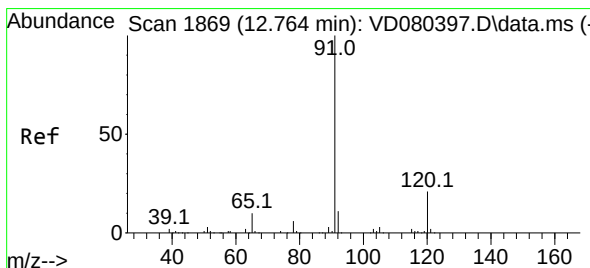
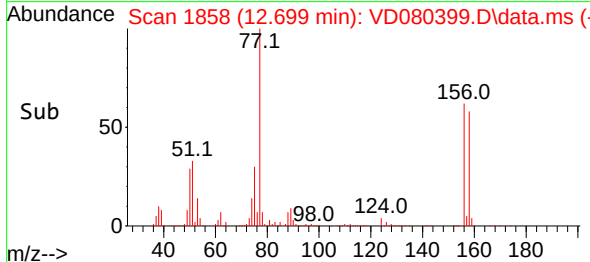
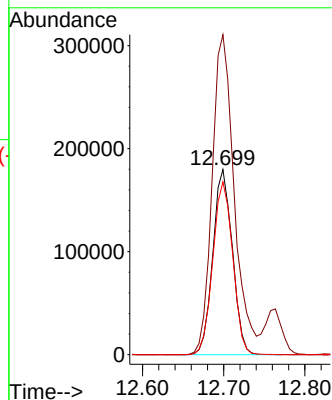
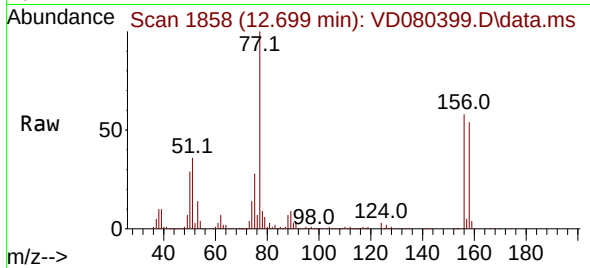




#77
Bromobenzene
Concen: 148.115 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

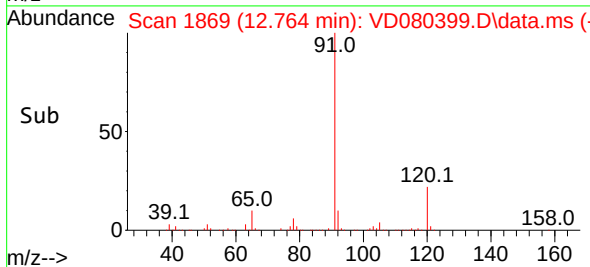
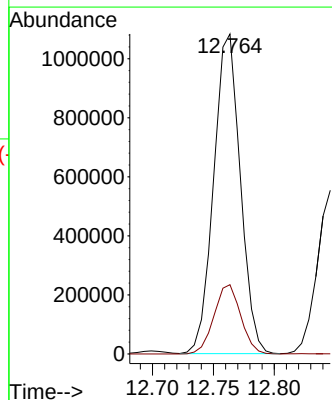
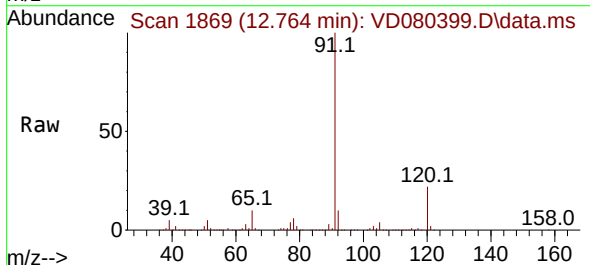
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

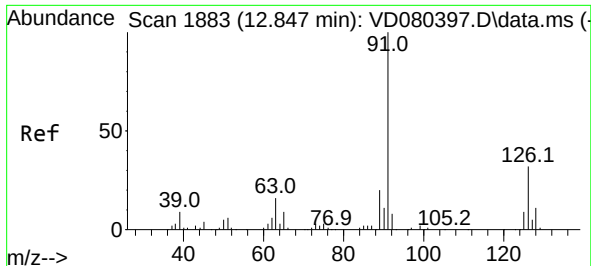
Tgt Ion:156 Resp: 299979
Ion Ratio Lower Upper
156 100
77 194.9 100.0 299.9
158 95.4 49.3 147.9



#78
n-propylbenzene
Concen: 161.154 ug/l
RT: 12.764 min Scan# 1869
Delta R.T. -0.001 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 91 Resp: 1649620
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.9

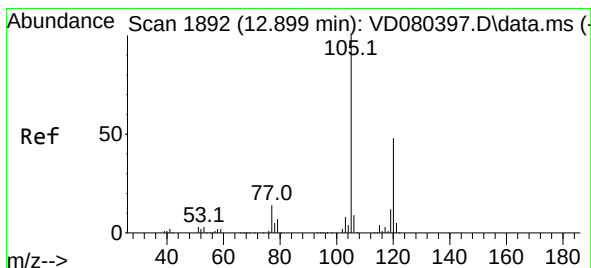
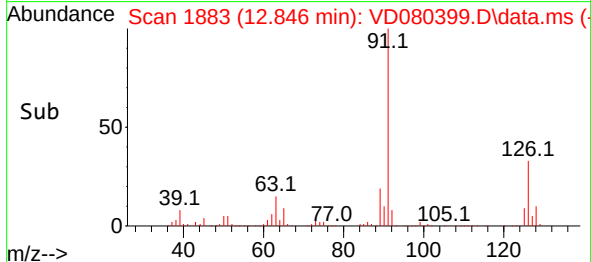
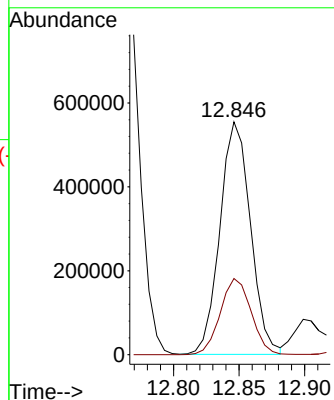
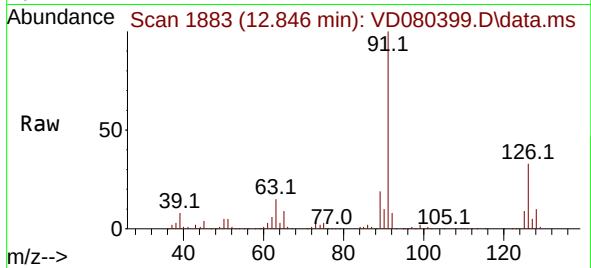




#79
2-Chlorotoluene
Concen: 152.745 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. -0.001 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

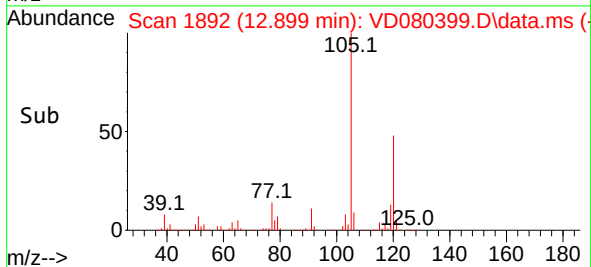
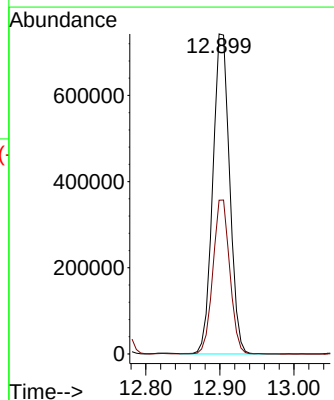
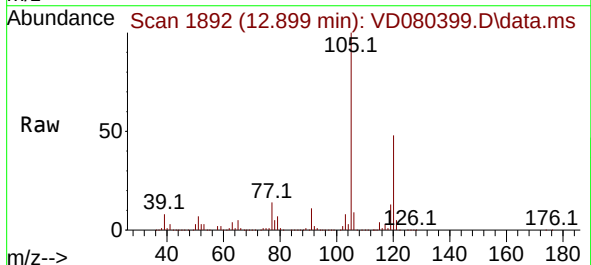
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

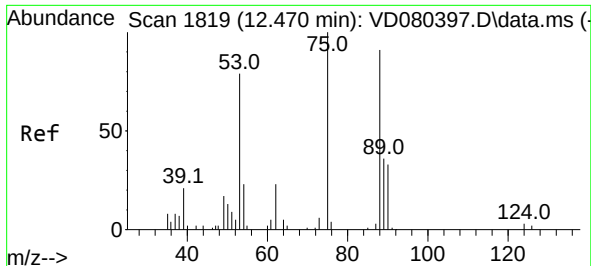
Tgt Ion: 91 Resp: 900546
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.1



#80
1,3,5-Trimethylbenzene
Concen: 170.323 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 105 Resp: 1170450
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3

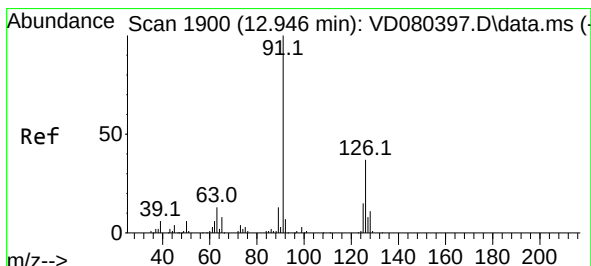
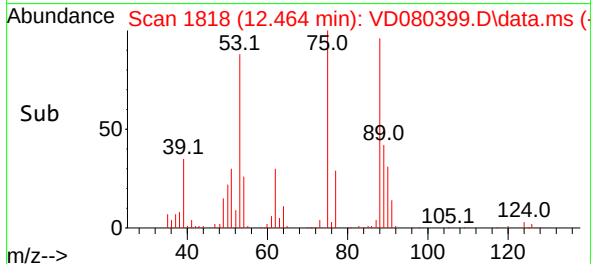
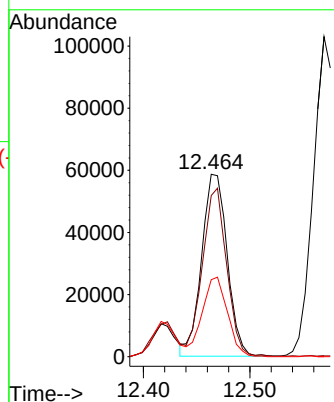
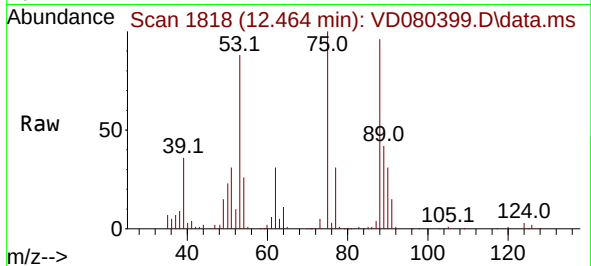




#81
trans-1,4-Dichloro-2-butene
Concen: 158.777 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

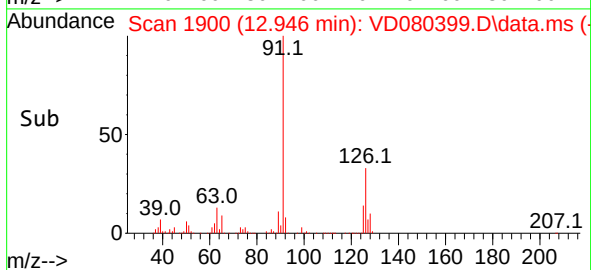
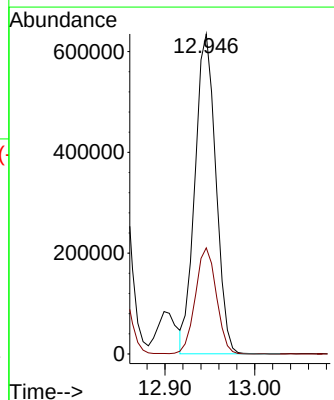
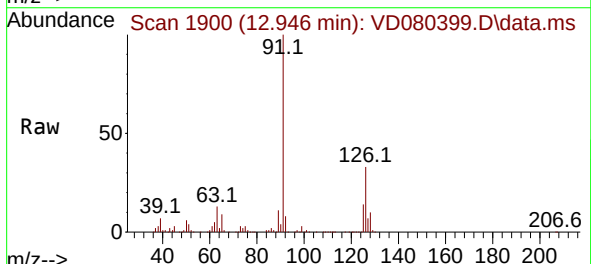
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

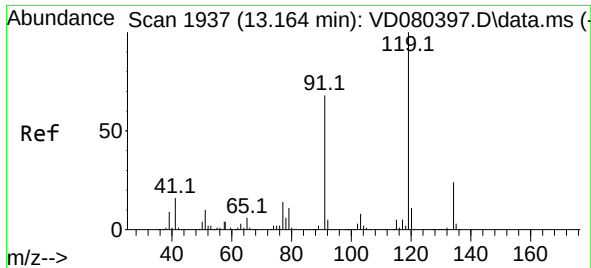
Tgt Ion: 75 Resp: 97911
Ion Ratio Lower Upper
75 100
53 87.3 72.3 108.5
89 43.1 35.7 53.5



#82
4-Chlorotoluene
Concen: 162.613 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 91 Resp: 1022974
Ion Ratio Lower Upper
91 100
126 33.4 17.0 51.0

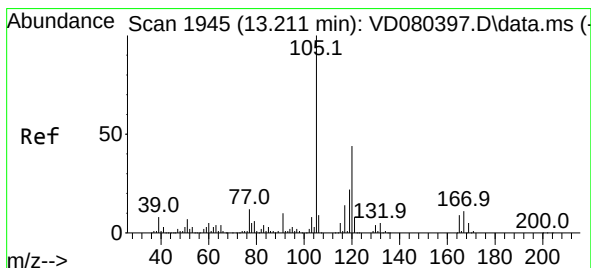
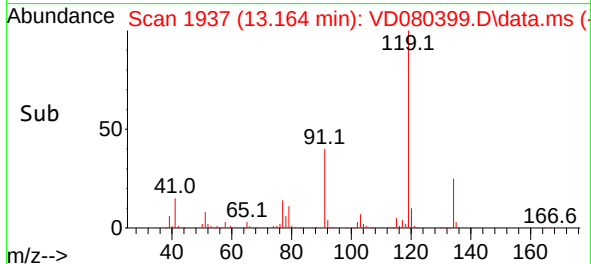
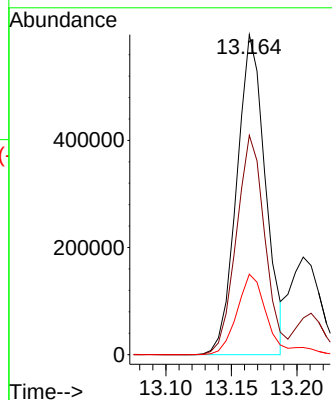
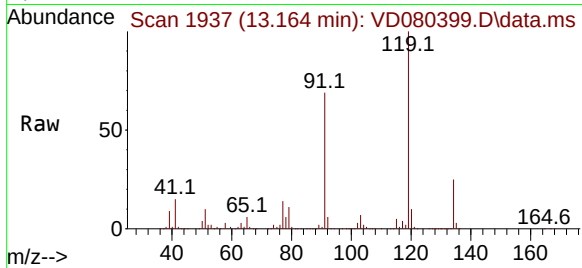




#83
tert-Butylbenzene
Concen: 157.495 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. -0.001 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

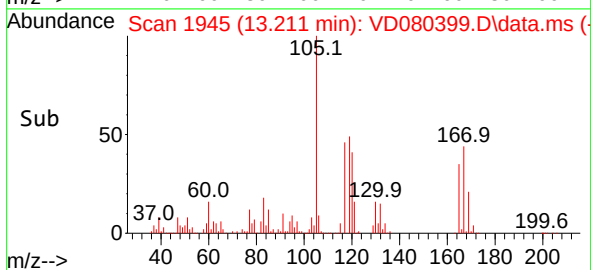
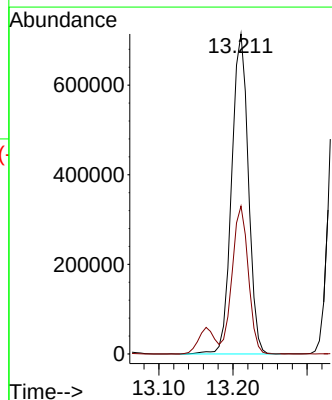
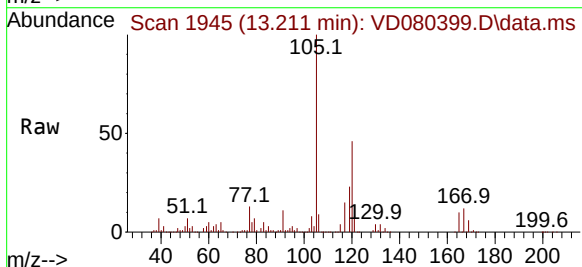
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

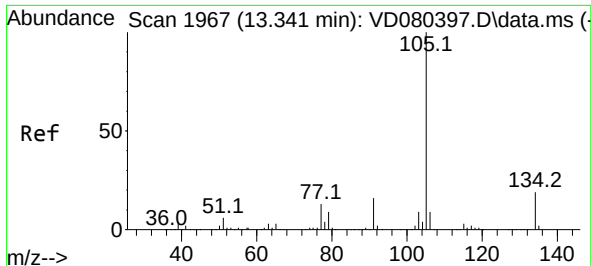
Tgt Ion:119 Resp: 909663
Ion Ratio Lower Upper
119 100
91 68.6 33.7 101.1
134 26.9 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 162.975 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion:105 Resp: 1114216
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.0

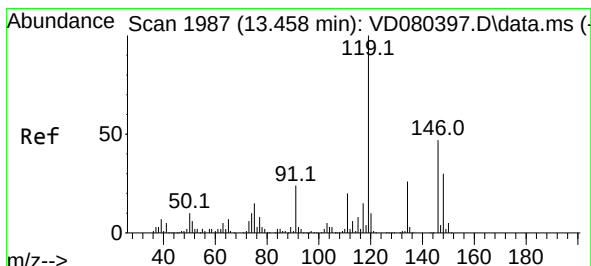
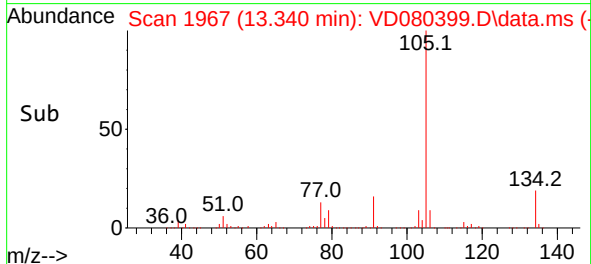
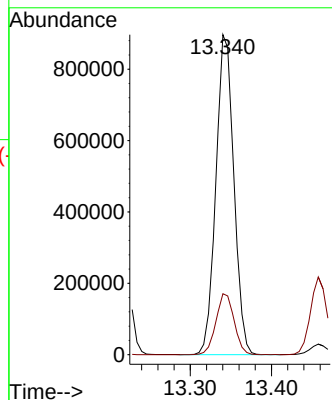
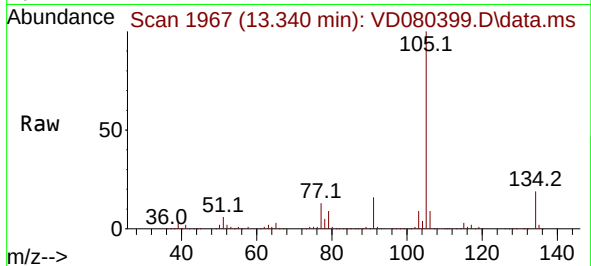




#85
 sec-Butylbenzene
 Concen: 158.277 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. -0.000 min
 Lab File: VD080399.D
 Acq: 30 May 2025 11:09

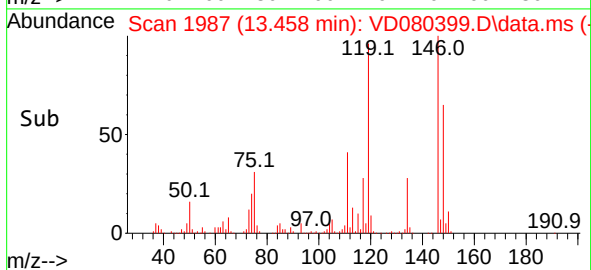
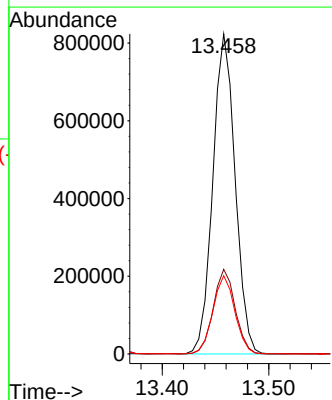
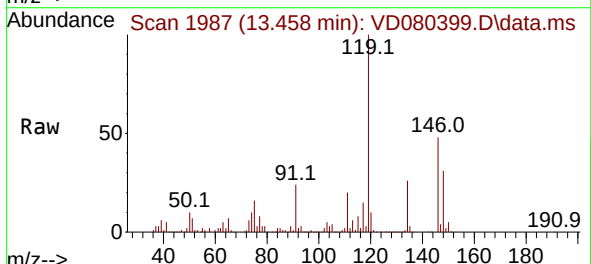
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

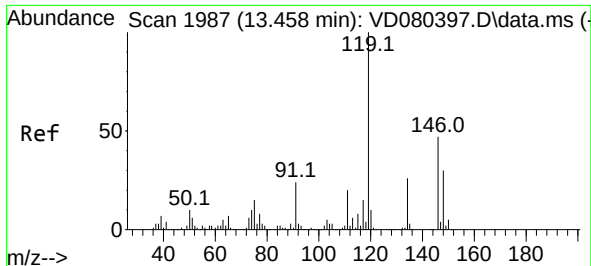
Tgt Ion:105 Resp: 1378922
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 163.412 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.001 min
 Lab File: VD080399.D
 Acq: 30 May 2025 11:09

Tgt Ion:119 Resp: 1196379
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 24.1 12.4 37.0

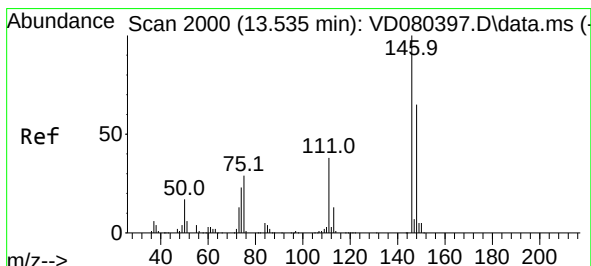
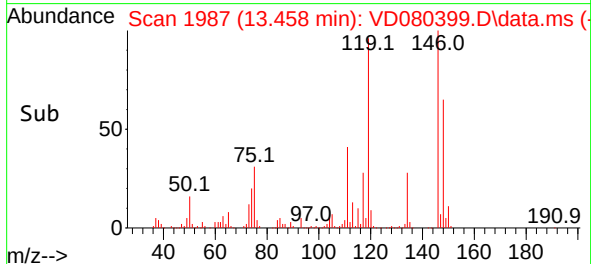
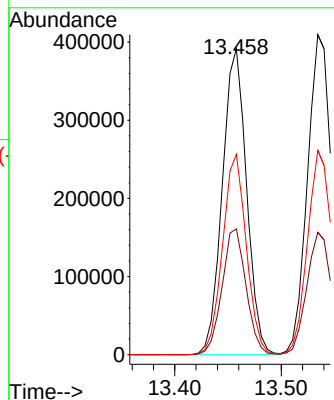
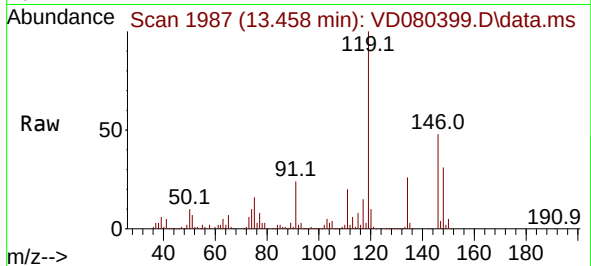




#87
1,3-Dichlorobenzene
Concen: 149.068 ug/l
RT: 13.458 min Scan# 1987
Delta R.T. -0.001 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

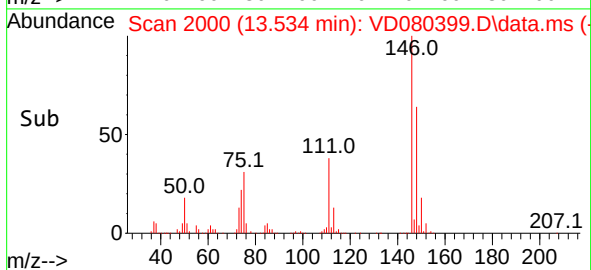
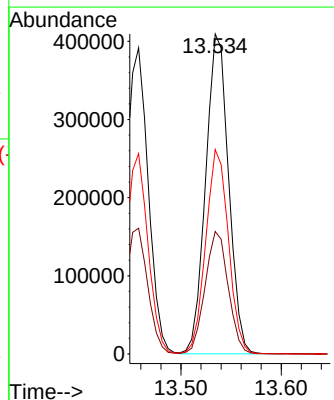
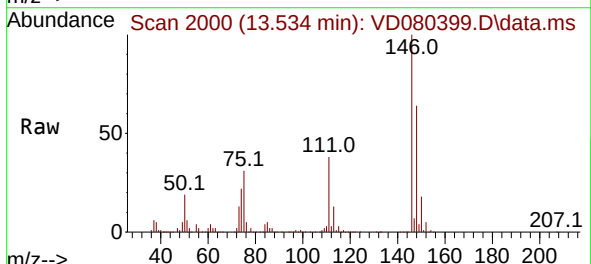
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

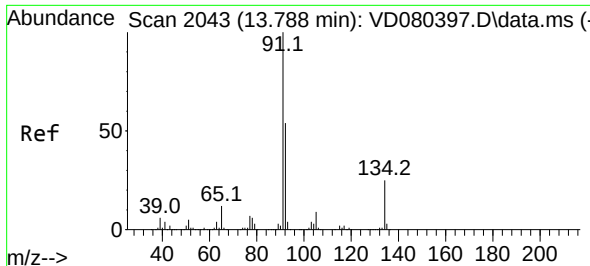
Tgt Ion:146 Resp: 618729
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.8
148 64.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 156.872 ug/l
RT: 13.534 min Scan# 2000
Delta R.T. -0.001 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion:146 Resp: 650855
Ion Ratio Lower Upper
146 100
111 38.8 19.9 59.6
148 63.5 32.6 98.0

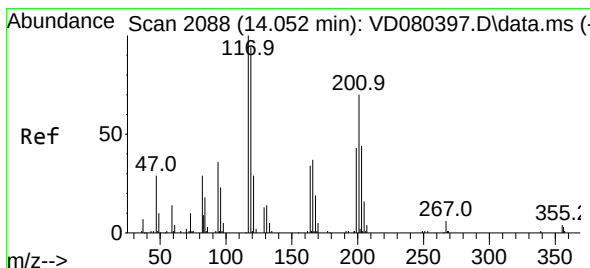
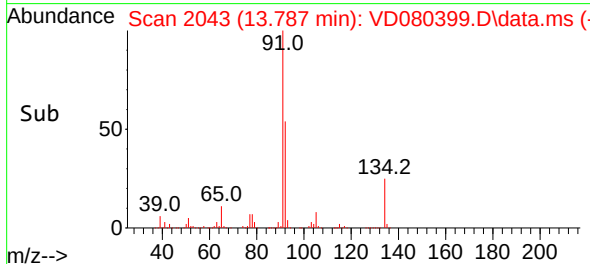
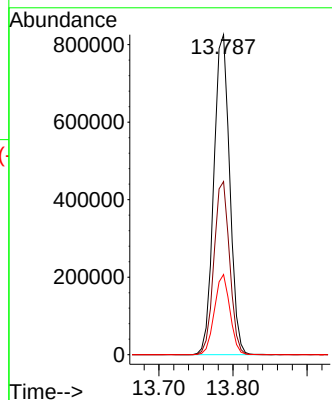
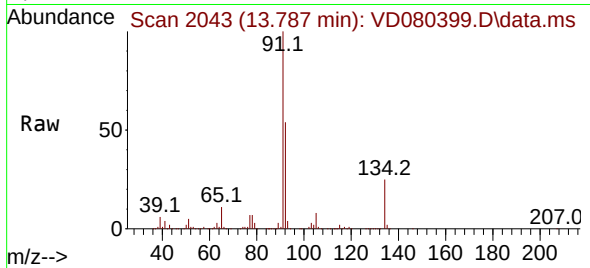




#89
n-Butylbenzene
Concen: 165.526 ug/l
RT: 13.787 min Scan# 2043
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

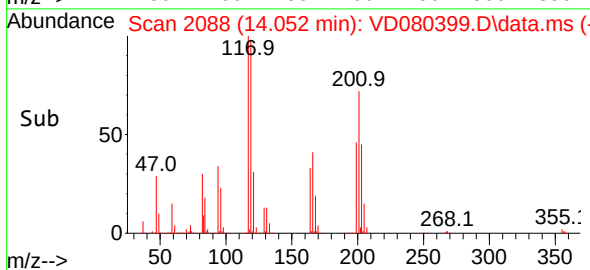
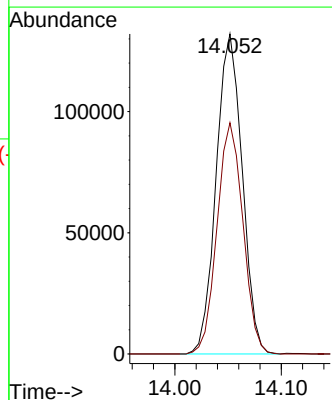
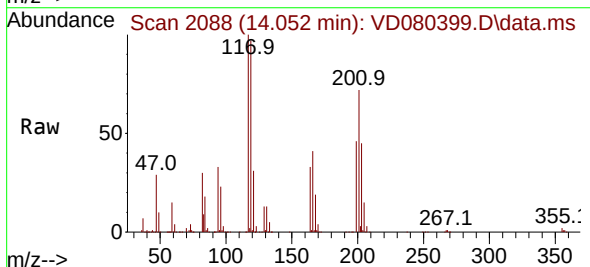
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

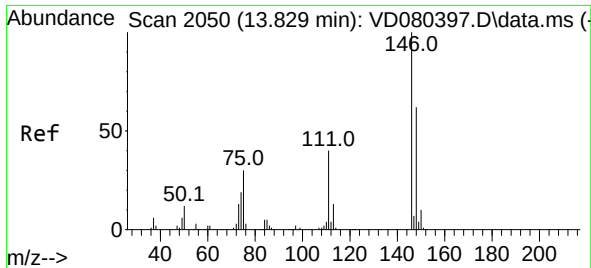
Tgt Ion: 91 Resp: 1228298
Ion Ratio Lower Upper
91 100
92 53.3 26.4 79.2
134 24.5 12.3 36.9



#90
Hexachloroethane
Concen: 138.127 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 117 Resp: 224271
Ion Ratio Lower Upper
117 100
201 71.8 36.1 108.3

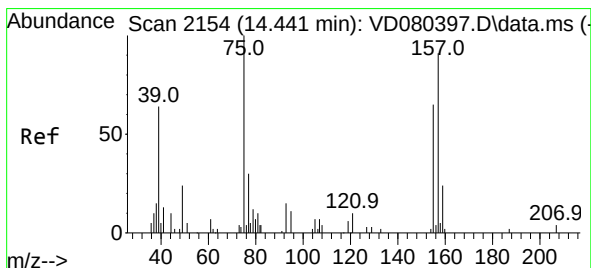
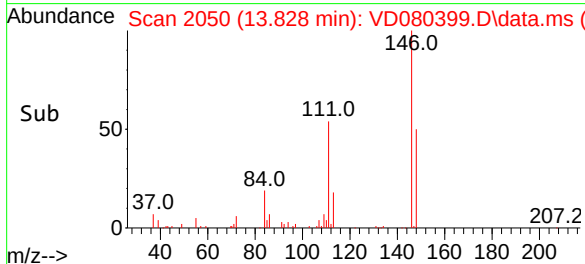
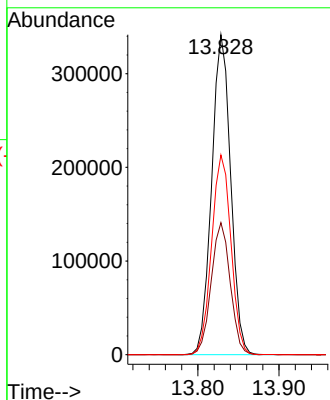
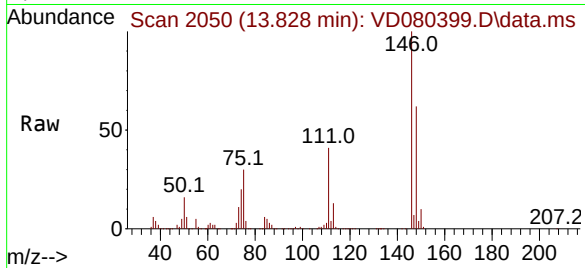




#91
1,2-Dichlorobenzene
Concen: 154.810 ug/l
RT: 13.828 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

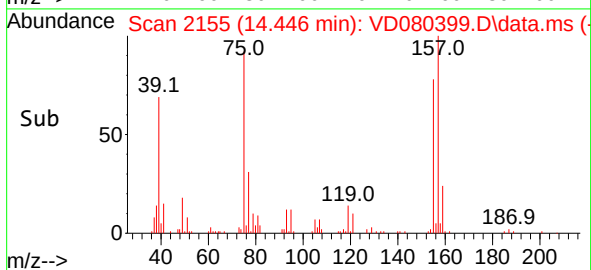
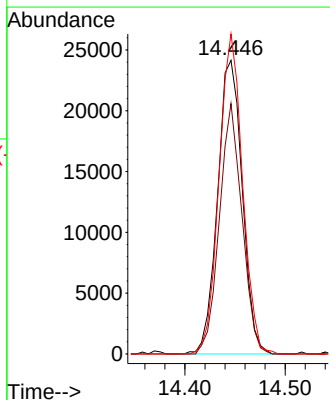
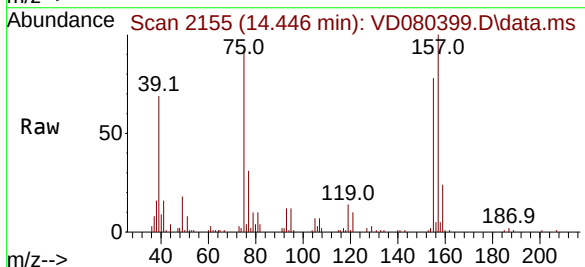
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

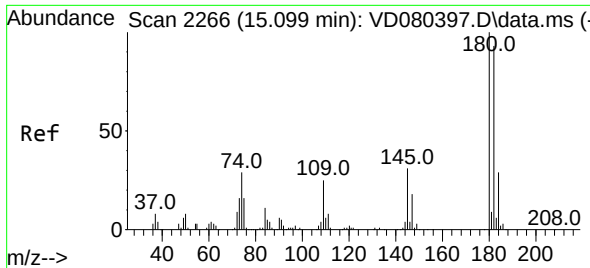
Tgt Ion:146 Resp: 555241
Ion Ratio Lower Upper
146 100
111 41.3 20.5 61.5
148 63.6 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 145.765 ug/l
RT: 14.446 min Scan# 2155
Delta R.T. 0.005 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion: 75 Resp: 41324
Ion Ratio Lower Upper
75 100
155 77.8 35.8 107.3
157 103.4 44.8 134.3

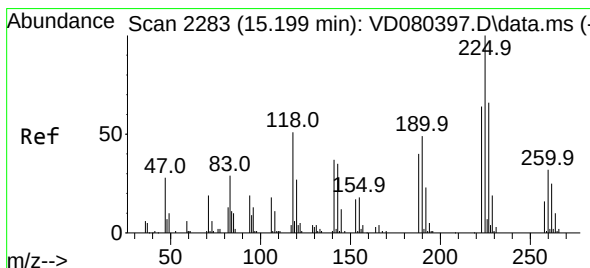
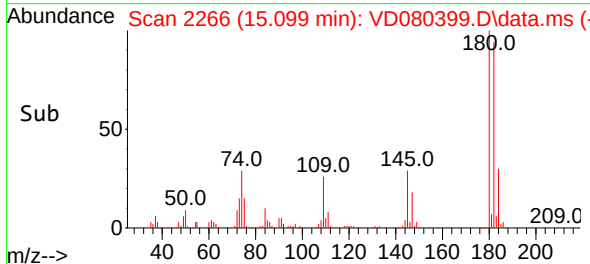
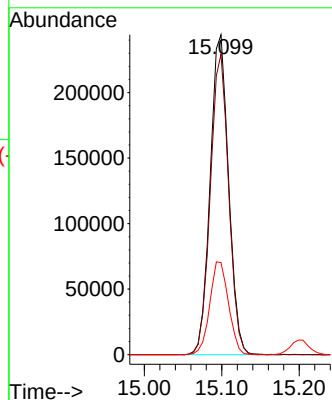
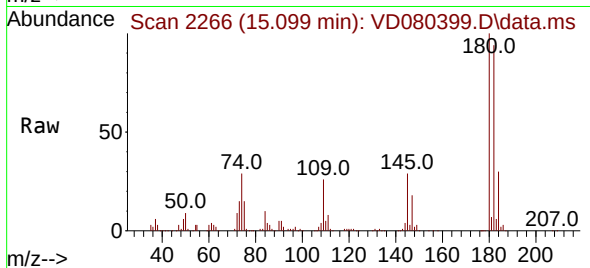




#93
 1,2,4-Trichlorobenzene
 Concen: 153.788 ug/l
 RT: 15.099 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD080399.D
 Acq: 30 May 2025 11:09

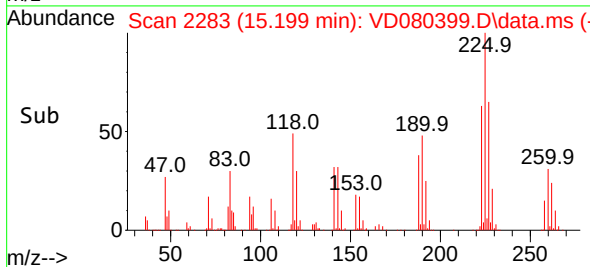
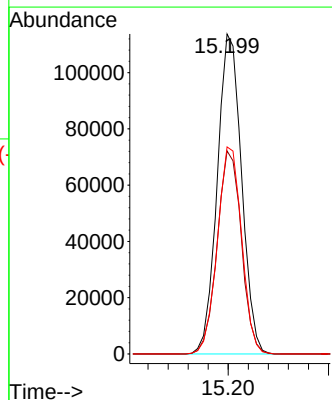
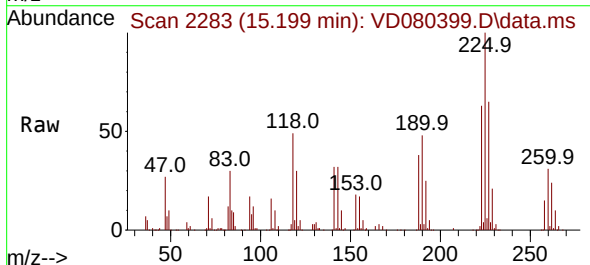
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

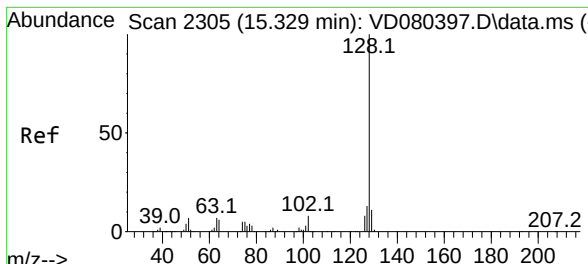
Tgt Ion:180 Resp: 402641
 Ion Ratio Lower Upper
 180 100
 182 93.5 46.9 140.7
 145 29.6 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 161.536 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. -0.000 min
 Lab File: VD080399.D
 Acq: 30 May 2025 11:09

Tgt Ion:225 Resp: 191363
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.4 94.0
 227 64.6 31.6 95.0

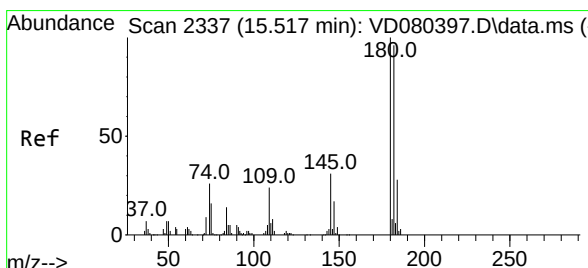
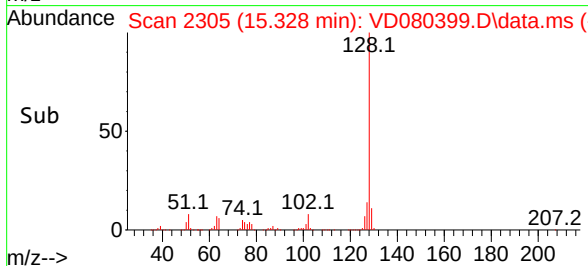
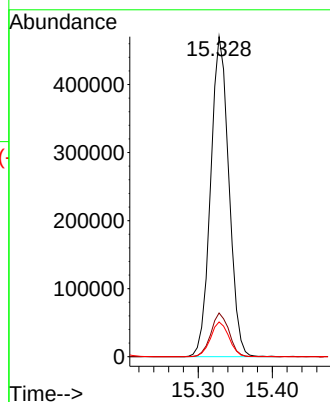
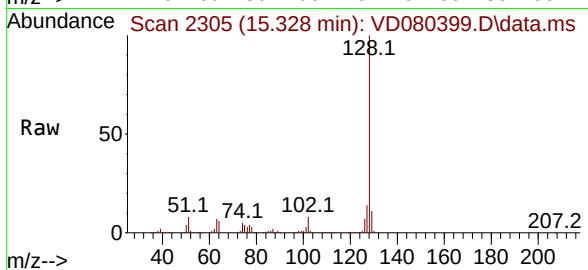




#95
Naphthalene
Concen: 155.023 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 804052
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 10.9 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 152.986 ug/l
RT: 15.516 min Scan# 2337
Delta R.T. -0.001 min
Lab File: VD080399.D
Acq: 30 May 2025 11:09

Tgt Ion:180 Resp: 355864
Ion Ratio Lower Upper
180 100
182 94.2 47.0 141.2
145 31.8 15.4 46.4

