

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020325\
 Data File : VD080223.D
 Acq On : 03 Feb 2025 12:15
 Operator : RP/MD
 Sample : VSTDIC100
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 04 05:33:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:30:02 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	151914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	243367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	209729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	107070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	190601	96.453	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 192.900%#	
35) Dibromofluoromethane	7.810	113	176078	102.085	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 204.160%#	
50) Toluene-d8	10.269	98	684672	107.041	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 214.080%#	
62) 4-Bromofluorobenzene	12.569	95	198659	96.796	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 193.600%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	132659	90.208	ug/l	100
3) Chloromethane	2.152	50	261439	82.615	ug/l	97
4) Vinyl Chloride	2.281	62	322064	84.126	ug/l	97
5) Bromomethane	2.681	94	220415	94.309	ug/l	99
6) Chloroethane	2.828	64	214642	84.177	ug/l	100
7) Trichlorofluoromethane	3.169	101	258797	81.573	ug/l	100
8) Diethyl Ether	3.593	74	85491	98.500	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.963	101	163497	89.027	ug/l	99
10) Methyl Iodide	4.163	142	179664	98.748	ug/l	99
11) Tert butyl alcohol	5.057	59	48954	448.474	ug/l #	91
12) 1,1-Dichloroethene	3.940	96	165680	95.238	ug/l	97
13) Acrolein	3.798	56	102198	496.548	ug/l	97
14) Allyl chloride	4.557	41	270243	100.802	ug/l	98
15) Acrylonitrile	5.257	53	216494	519.182	ug/l	99
16) Acetone	4.022	43	147079	461.824	ug/l	90
17) Carbon Disulfide	4.269	76	535745	85.388	ug/l	99
18) Methyl Acetate	4.563	43	105645	98.312	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	401552	104.845	ug/l	99
20) Methylene Chloride	4.798	84	186233	86.172	ug/l	98
21) trans-1,2-Dichloroethene	5.310	96	188324	95.289	ug/l	95
22) Diisopropyl ether	6.216	45	556522	99.747	ug/l	98
23) Vinyl Acetate	6.157	43	1674122	519.732	ug/l	100
24) 1,1-Dichloroethane	6.116	63	334335	91.412	ug/l	99
25) 2-Butanone	7.087	43	265625	537.726	ug/l	98
26) 2,2-Dichloropropane	7.081	77	297539	93.794	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	227715	101.989	ug/l	98
28) Bromochloromethane	7.428	49	153580	92.016	ug/l #	96
29) Tetrahydrofuran	7.445	42	179433	554.588	ug/l	100
30) Chloroform	7.598	83	365691	97.796	ug/l	97
31) Cyclohexane	7.881	56	295560	100.948	ug/l	96
32) 1,1,1-Trichloroethane	7.792	97	304879	97.454	ug/l	99
36) 1,1-Dichloropropene	8.010	75	263860	106.806	ug/l	98
37) Ethyl Acetate	7.169	43	127282	105.069	ug/l	100
38) Carbon Tetrachloride	7.992	117	259547	100.582	ug/l	98
39) Methylcyclohexane	9.275	83	305731	113.911	ug/l	96
40) Benzene	8.251	78	799131	103.198	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	75592	113.197	ug/l	94
42) 1,2-Dichloroethane	8.328	62	219544	99.630	ug/l	100
43) Isopropyl Acetate	8.363	43	240605	111.911	ug/l	99
44) Trichloroethene	9.028	130	189876	106.141	ug/l	98
45) 1,2-Dichloropropane	9.304	63	203250	104.352	ug/l	99
46) Dibromomethane	9.392	93	110577	101.900	ug/l	99
47) Bromodichloromethane	9.581	83	279614	102.179	ug/l	99
48) Methyl methacrylate	9.381	41	116643	117.240	ug/l	90
49) 1,4-Dioxane	9.386	88	26145	2214.758	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	631249	580.649	ug/l	100
52) Toluene	10.333	92	495854	109.474	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	262056	112.335	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	308617	108.759	ug/l	97
55) 1,1,2-Trichloroethane	10.733	97	140701	99.789	ug/l	97
56) Ethyl methacrylate	10.598	69	202878	126.103	ug/l	99
57) 1,3-Dichloropropane	10.880	76	248409	106.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	411717	599.590	ug/l	100
59) 2-Hexanone	10.922	43	433461	607.612	ug/l	98
60) Dibromochloromethane	11.075	129	177991	102.415	ug/l	97
61) 1,2-Dibromoethane	11.180	107	130136	101.343	ug/l	100
64) Tetrachloroethene	10.810	164	157571	107.551	ug/l	97
65) Chlorobenzene	11.610	112	489394	101.799	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.680	131	163519	97.229	ug/l	97
67) Ethyl Benzene	11.680	91	864077	108.048	ug/l	98
68) m/p-Xylenes	11.792	106	655759	211.218	ug/l	99
69) o-Xylene	12.122	106	302955	107.008	ug/l	100
70) Styrene	12.133	104	537877	106.732	ug/l	99
71) Bromoform	12.298	173	93545	94.356	ug/l #	99
73) Isopropylbenzene	12.422	105	773437	106.797	ug/l	99
74) N-amyl acetate	12.233	43	204012	107.166	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	158949	105.473	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	206359	190.544	ug/l #	100
77) Bromobenzene	12.698	156	208048	111.371	ug/l	99
78) n-propylbenzene	12.763	91	1049231	113.791	ug/l	100
79) 2-Chlorotoluene	12.845	91	587930	112.236	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	690712	114.042	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	56335	106.365	ug/l	97
82) 4-Chlorotoluene	12.945	91	609732	109.531	ug/l	100
83) tert-Butylbenzene	13.163	119	567074	114.527	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	684126	110.973	ug/l	100
85) sec-Butylbenzene	13.345	105	841852	111.199	ug/l	100
86) p-Isopropyltoluene	13.457	119	736112	113.871	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	392200	106.594	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	377690	101.420	ug/l	99
89) n-Butylbenzene	13.786	91	694879	110.617	ug/l	99
90) Hexachloroethane	14.051	117	158551	110.357	ug/l	97
91) 1,2-Dichlorobenzene	13.827	146	331306	102.190	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	24237	101.087	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	225879	109.299	ug/l	99
94) Hexachlorobutadiene	15.204	225	117727	105.184	ug/l	98
95) Naphthalene	15.327	128	417802	97.719	ug/l	98
96) 1,2,3-Trichlorobenzene	15.521	180	196011	105.099	ug/l	99

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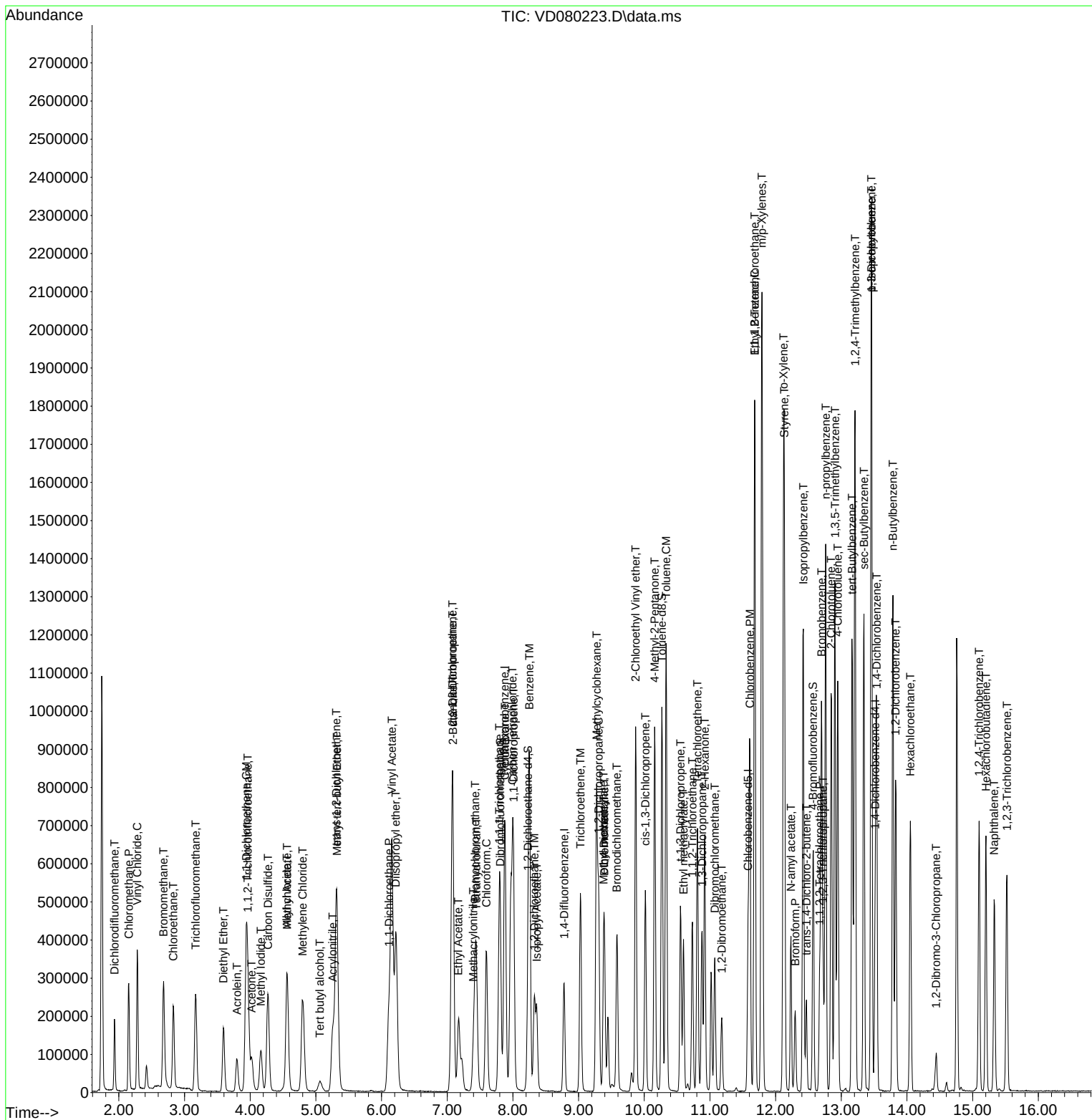
Instrument :
MSVOA_D
ClientSampleId :

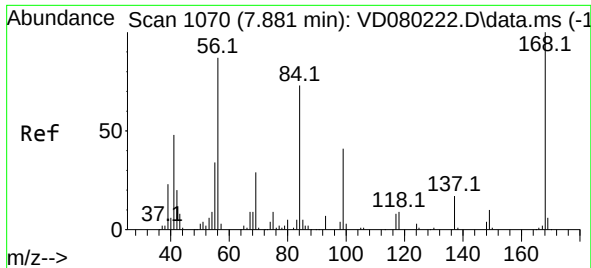
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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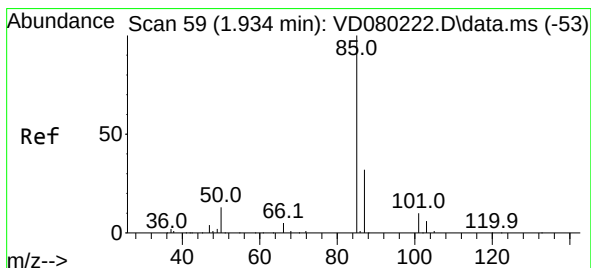
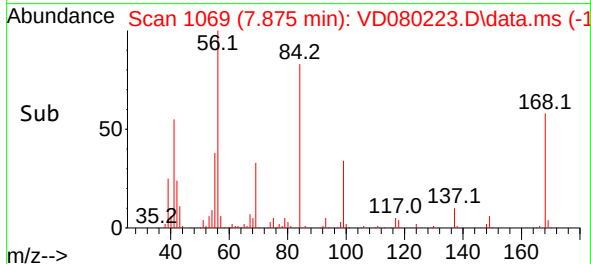
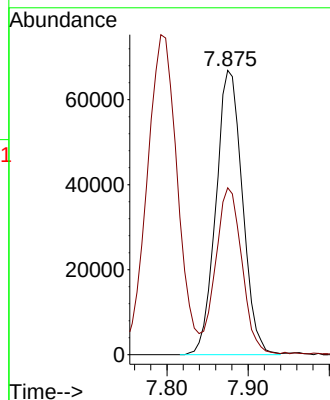
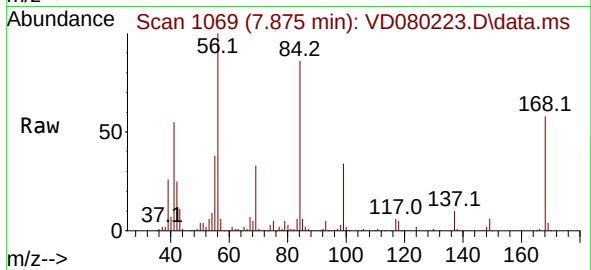




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD080223.D
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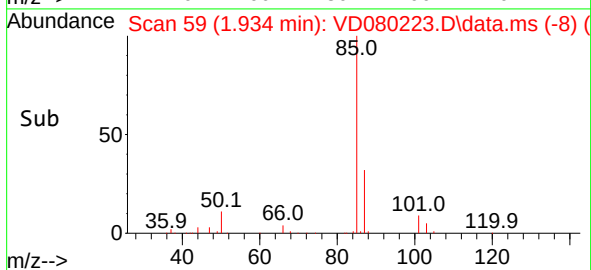
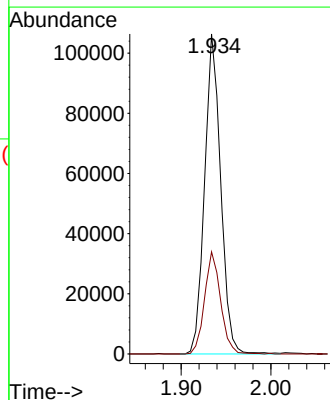
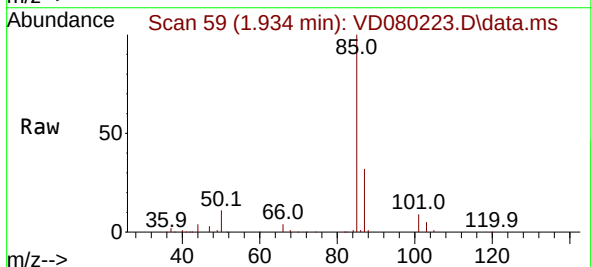
Instrument :
MSVOA_D
ClientSampleId :

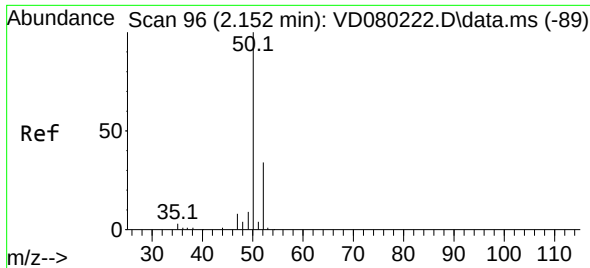
Tgt Ion:168 Resp: 151914
Ion Ratio Lower Upper
168 100
99 58.3 44.4 66.6



#2
Dichlorodifluoromethane
Concen: 90.208 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion: 85 Resp: 132659
Ion Ratio Lower Upper
85 100
87 31.9 16.0 47.9

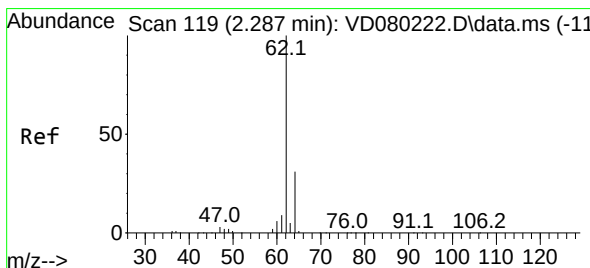
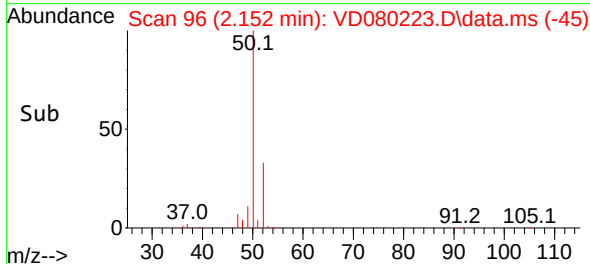
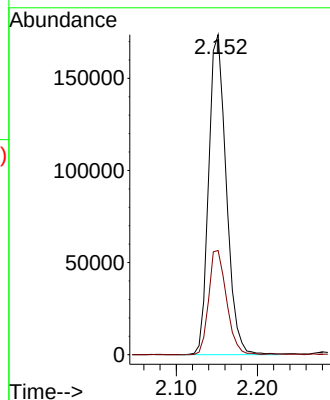
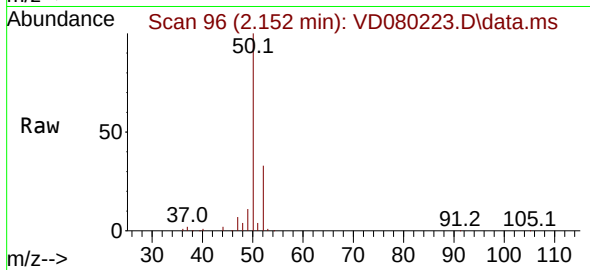




#3
Chloromethane
Concen: 82.615 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

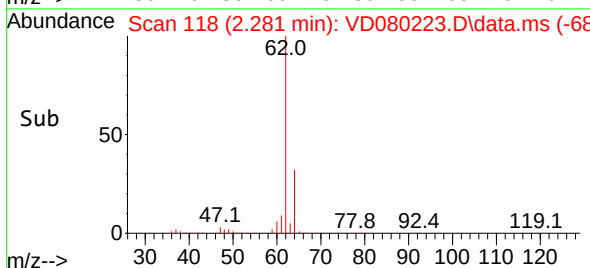
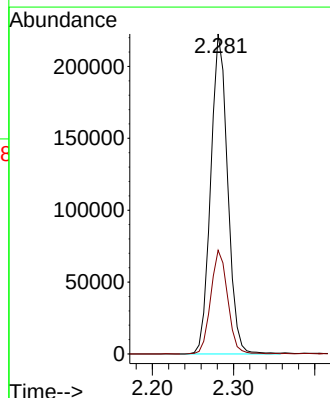
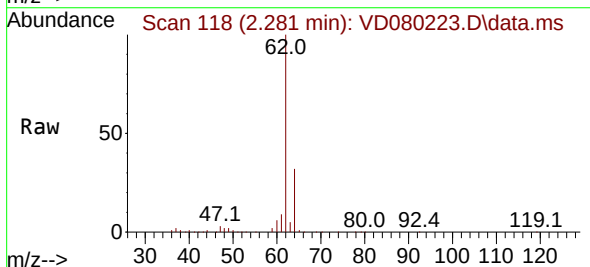
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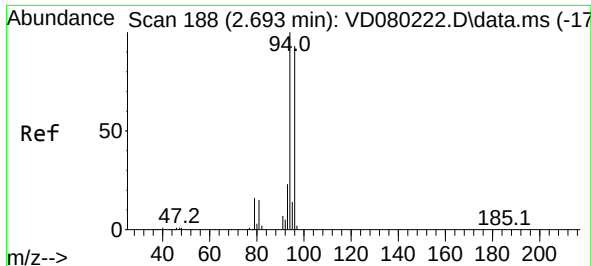
Tgt Ion: 50 Resp: 261439
Ion Ratio Lower Upper
50 100
52 32.5 27.2 40.8



#4
Vinyl Chloride
Concen: 84.126 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion: 62 Resp: 322064
Ion Ratio Lower Upper
62 100
64 32.4 24.8 37.2

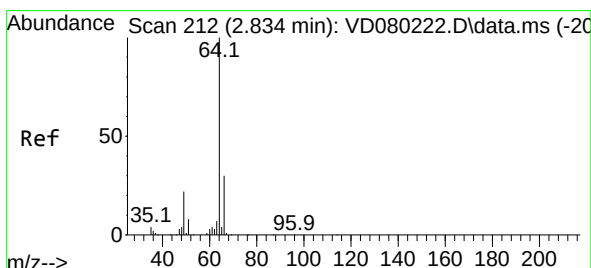
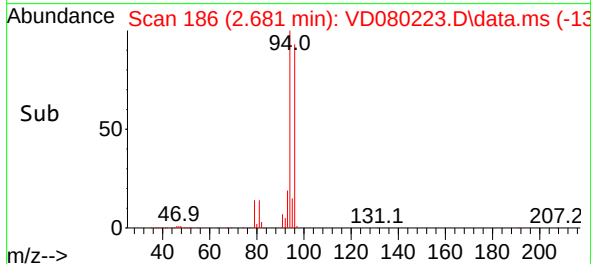
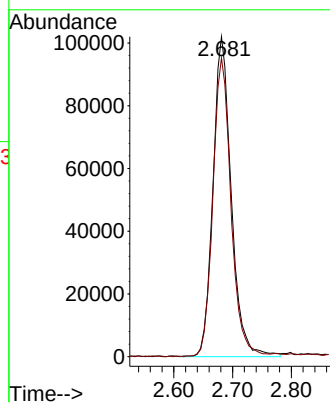
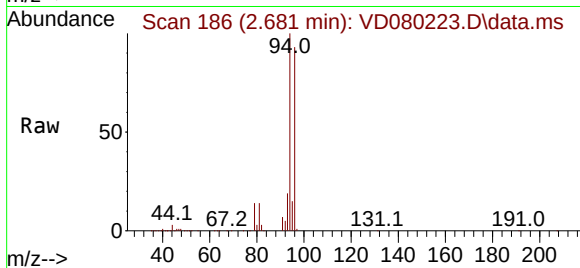




#5
Bromomethane
Concen: 94.309 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.012 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

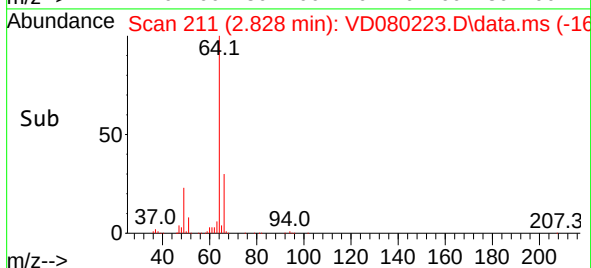
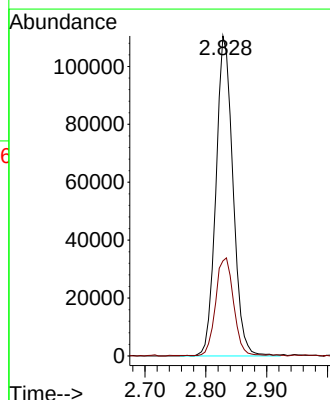
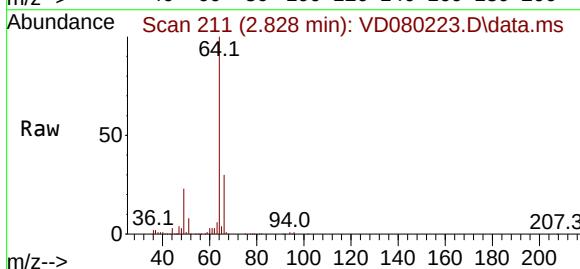
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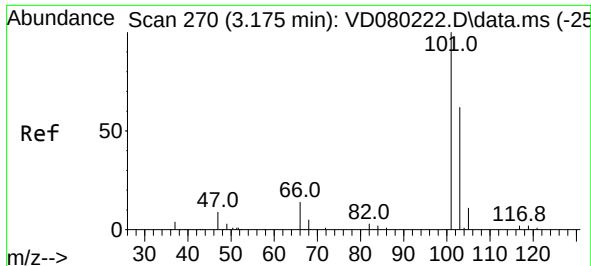
Tgt Ion: 94 Resp: 220415
Ion Ratio Lower Upper
94 100
96 92.4 74.4 111.6



#6
Chloroethane
Concen: 84.177 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion: 64 Resp: 214642
Ion Ratio Lower Upper
64 100
66 29.6 23.8 35.8

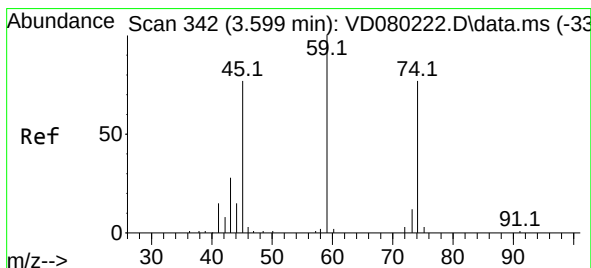
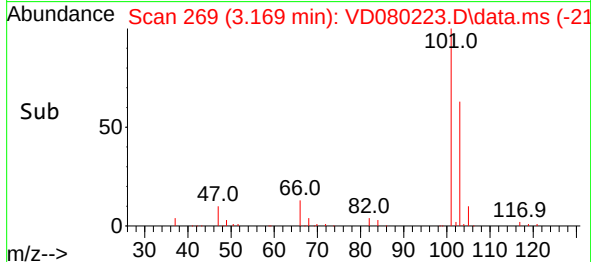
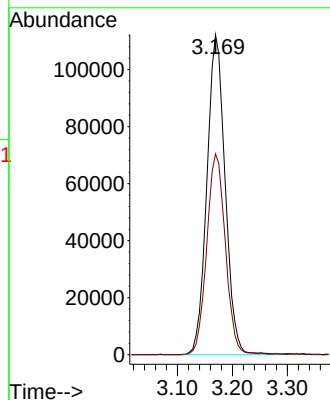
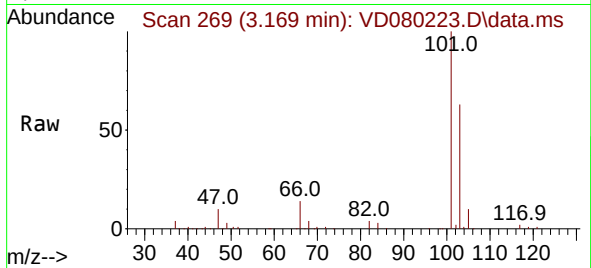




#7
Trichlorofluoromethane
Concen: 81.573 ug/l
RT: 3.169 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

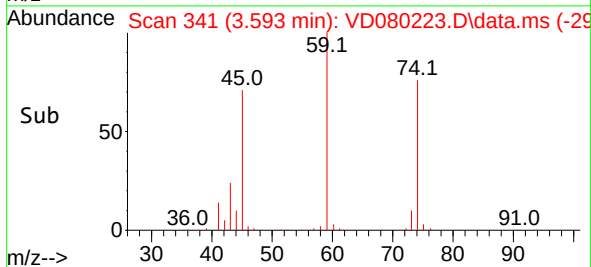
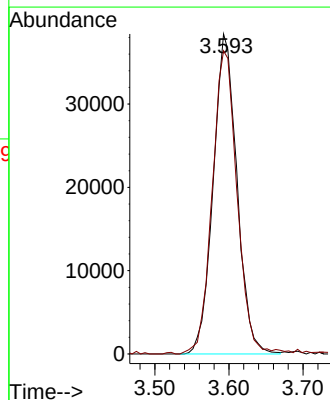
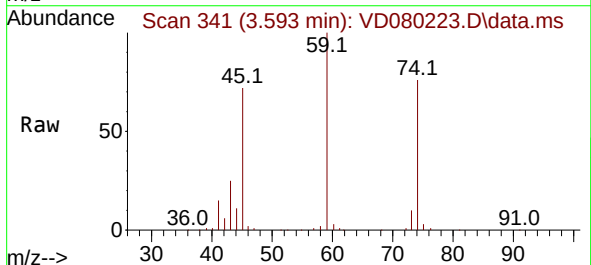
Instrument :
MSVOA_D
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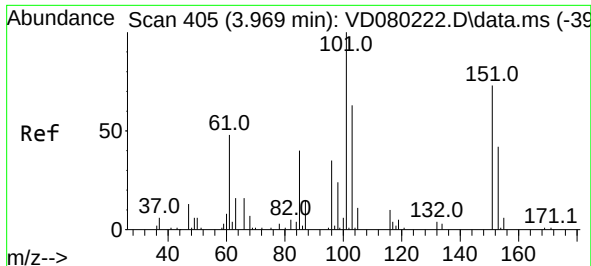
Tgt Ion:101 Resp: 258797
Ion Ratio Lower Upper
101 100
103 62.7 49.9 74.9



#8
Diethyl Ether
Concen: 98.500 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion: 74 Resp: 85491
Ion Ratio Lower Upper
74 100
45 99.2 51.0 153.1

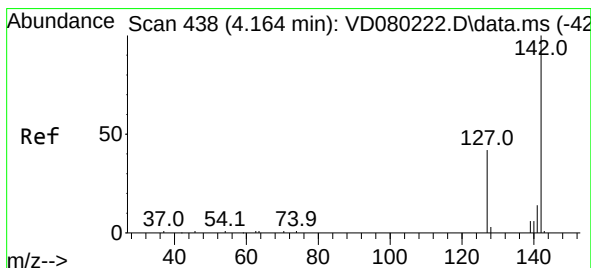
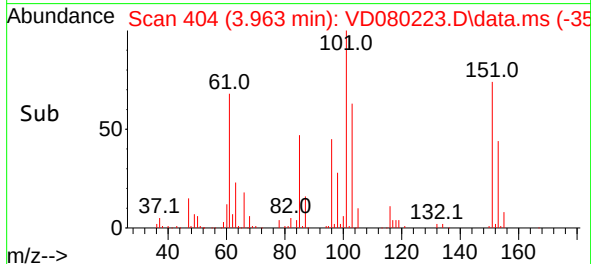
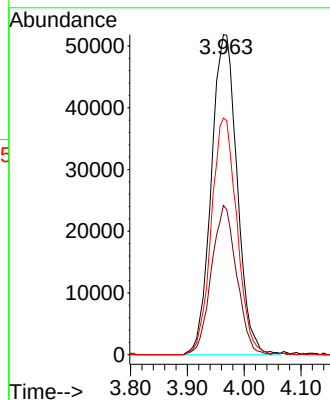
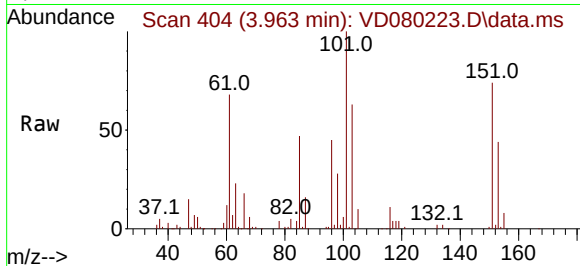




#9
1,1,2-Trichlorotrifluoroethane
Concen: 89.027 ug/l
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD080223.D
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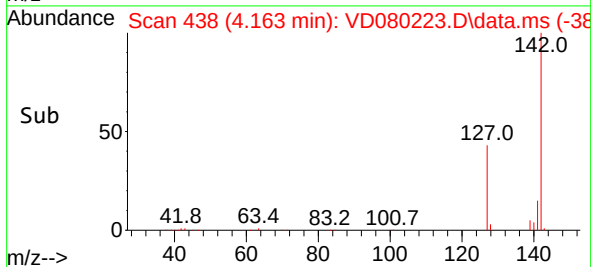
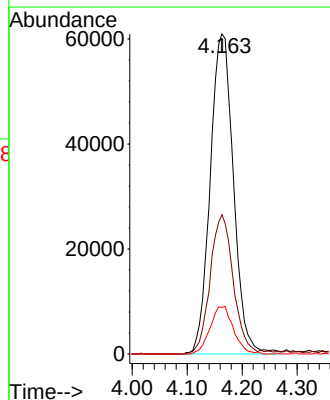
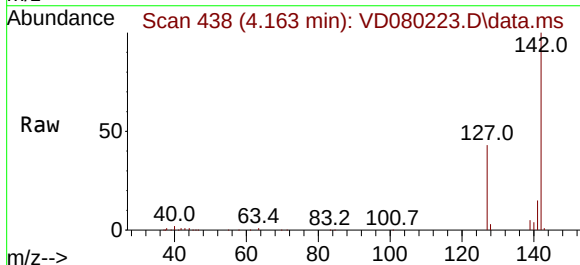
Instrument :
MSVOA_D
ClientSampleId :

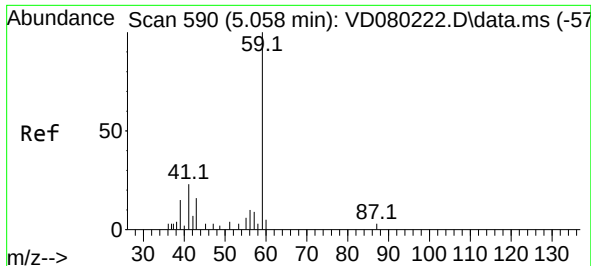
Tgt Ion:101 Resp: 163497
Ion Ratio Lower Upper
101 100
85 45.5 36.2 54.4
151 73.1 59.0 88.6



#10
Methyl Iodide
Concen: 98.748 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion:142 Resp: 179664
Ion Ratio Lower Upper
142 100
127 43.5 35.4 53.2
141 14.9 12.6 18.8

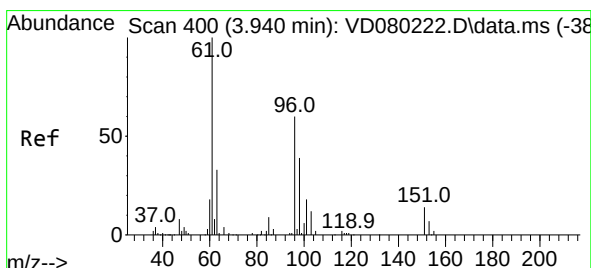
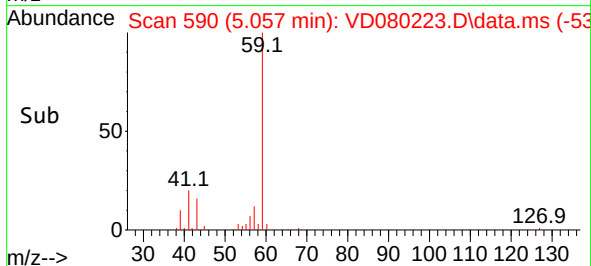
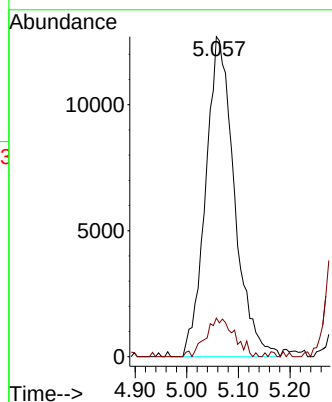
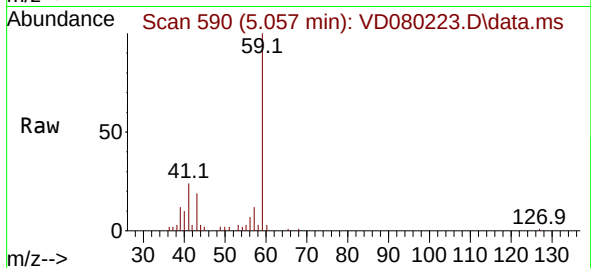




#11
Tert butyl alcohol
Concen: 448.474 ug/l
RT: 5.057 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

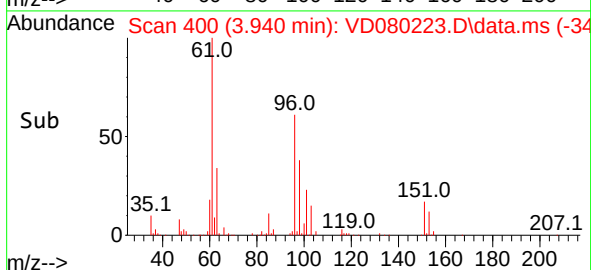
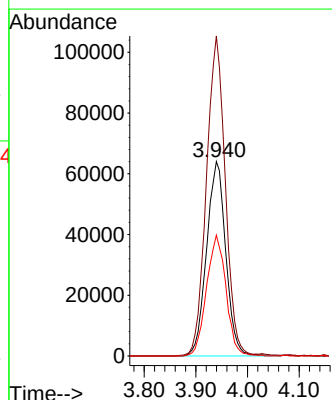
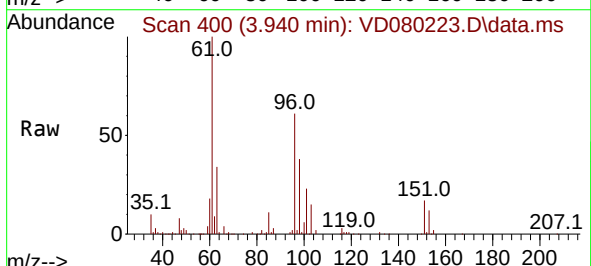
Instrument :
MSVOA_D
ClientSampleId :

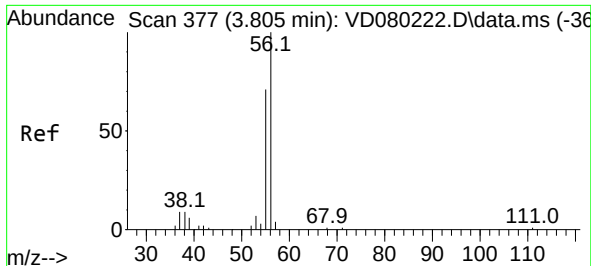
Tgt Ion: 59 Resp: 48954
Ion Ratio Lower Upper
59 100
57 12.1 7.2 10.8#



#12
1,1-Dichloroethene
Concen: 95.238 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion: 96 Resp: 165680
Ion Ratio Lower Upper
96 100
61 164.4 133.8 200.6
98 62.1 52.2 78.2





#13

Acrolein

Concen: 496.548 ug/l

RT: 3.798 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

Instrument :

MSVOA_D

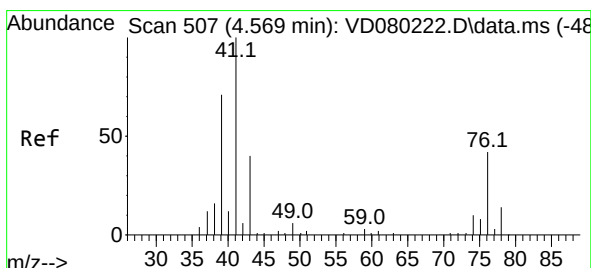
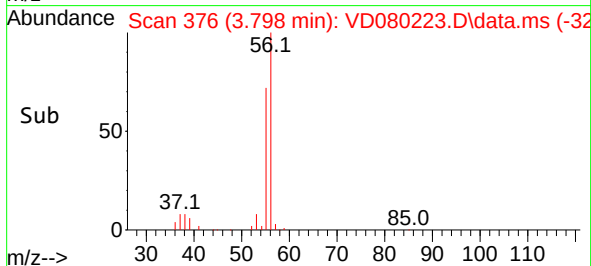
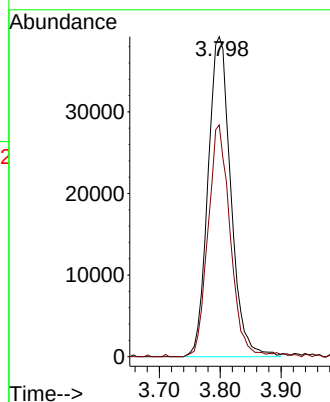
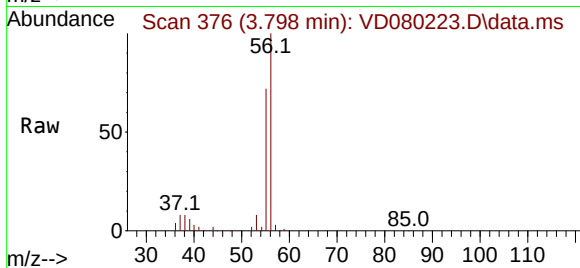
ClientSampleId :

Tgt Ion: 56 Resp: 102198

Ion Ratio Lower Upper

56 100

55 69.8 57.8 86.8



#14

Allyl chloride

Concen: 100.802 ug/l

RT: 4.557 min Scan# 505

Delta R.T. -0.012 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

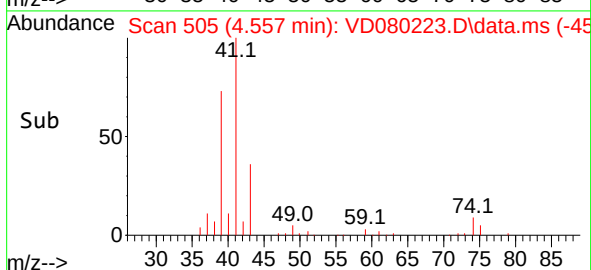
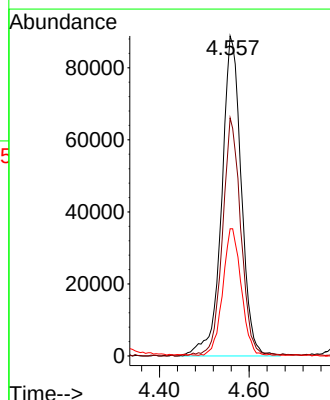
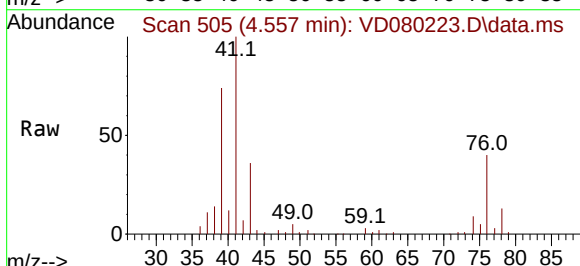
Tgt Ion: 41 Resp: 270243

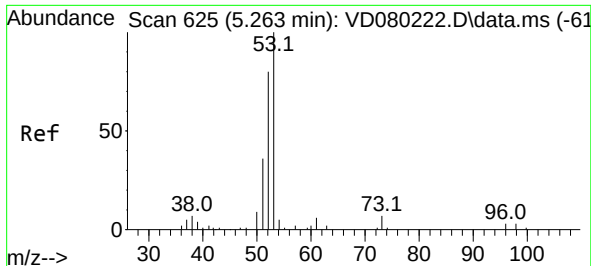
Ion Ratio Lower Upper

41 100

39 69.9 55.0 82.4

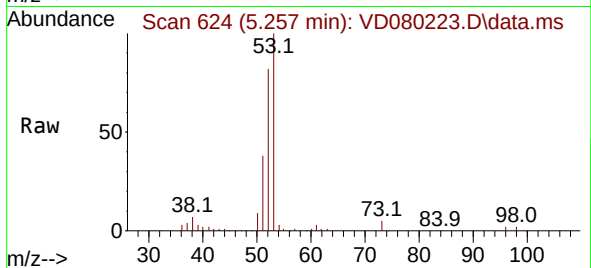
76 37.2 31.0 46.4



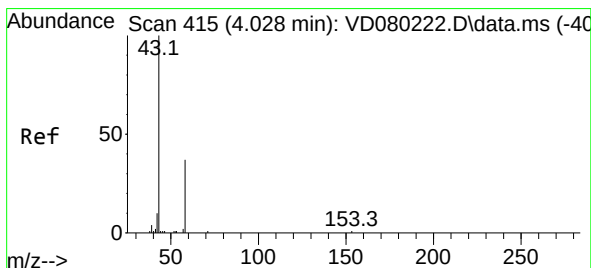
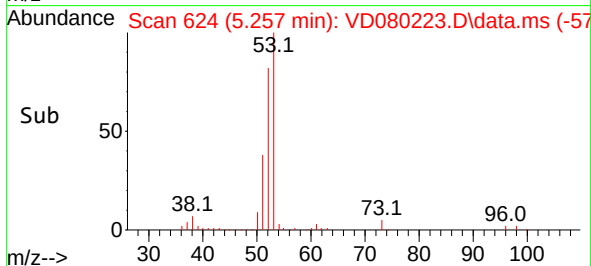
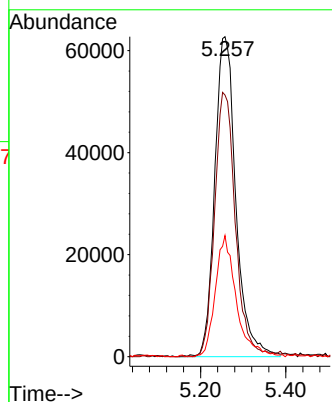


#15
Acrylonitrile
Concen: 519.182 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Instrument :
MSVOA_D
ClientSampleId :

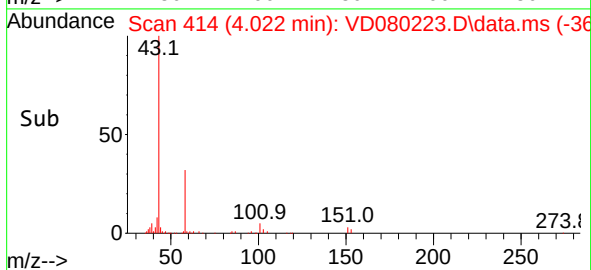
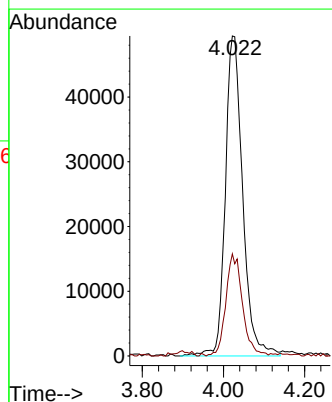
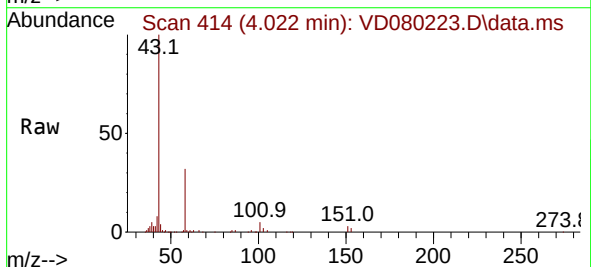


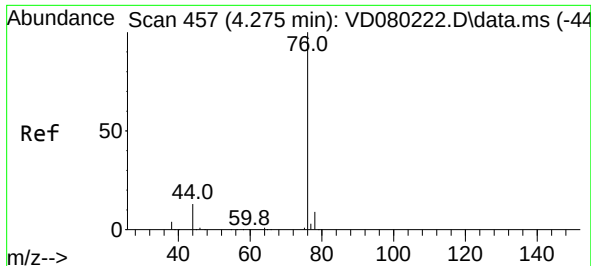
Tgt Ion: 53 Resp: 216494
Ion Ratio Lower Upper
53 100
52 81.0 65.9 98.9
51 37.4 30.1 45.1



#16
Acetone
Concen: 461.824 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion: 43 Resp: 147079
Ion Ratio Lower Upper
43 100
58 31.1 29.5 44.3





#17

Carbon Disulfide

Concen: 85.388 ug/l

RT: 4.269 min Scan# 4

Delta R.T. -0.006 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

Instrument :

MSVOA_D

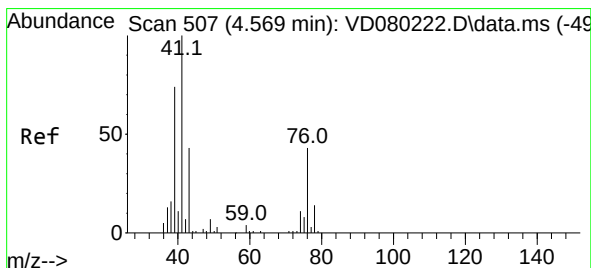
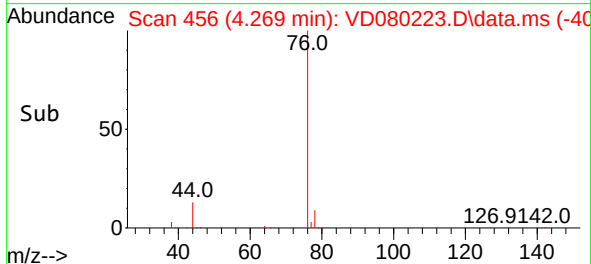
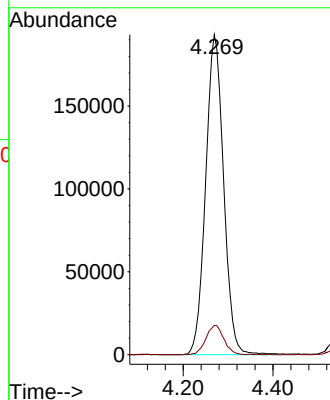
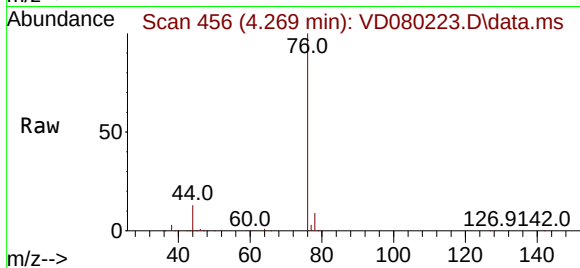
ClientSampleId :

Tgt Ion: 76 Resp: 535745

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



#18

Methyl Acetate

Concen: 98.312 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD080223.D

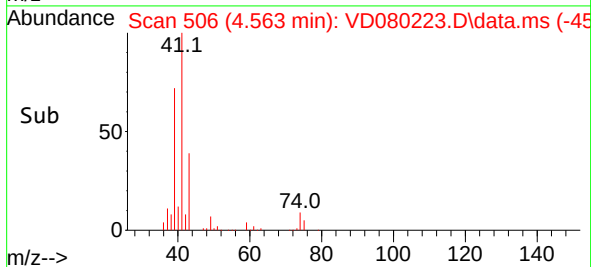
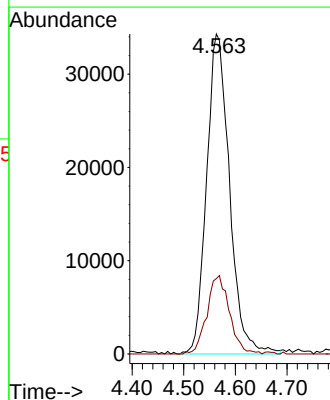
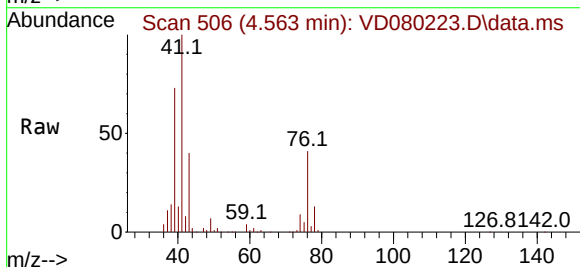
Acq: 03 Feb 2025 12:15

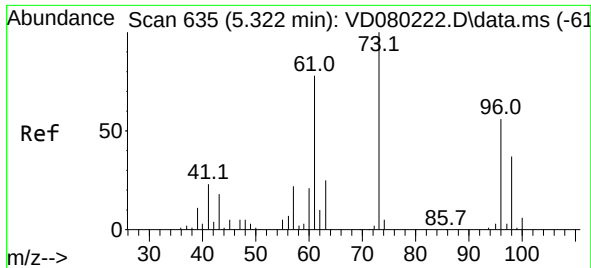
Tgt Ion: 43 Resp: 105645

Ion Ratio Lower Upper

43 100

74 24.1 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 104.845 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

Instrument :

MSVOA_D

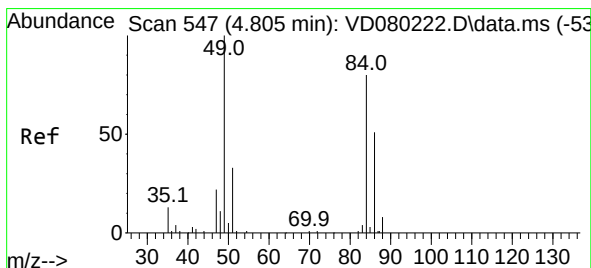
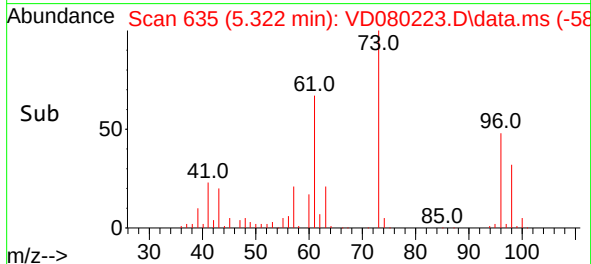
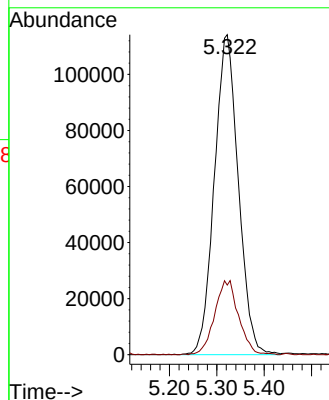
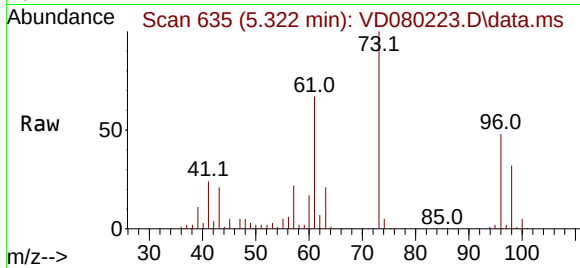
ClientSampleId :

Tgt Ion: 73 Resp: 401552

Ion Ratio Lower Upper

73 100

57 21.7 17.8 26.8



#20

Methylene Chloride

Concen: 86.172 ug/l

RT: 4.798 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

Tgt Ion: 84 Resp: 186233

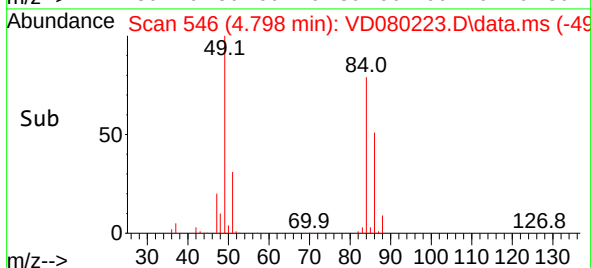
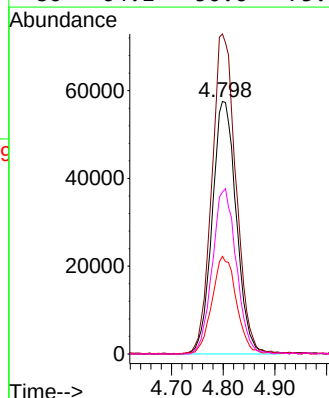
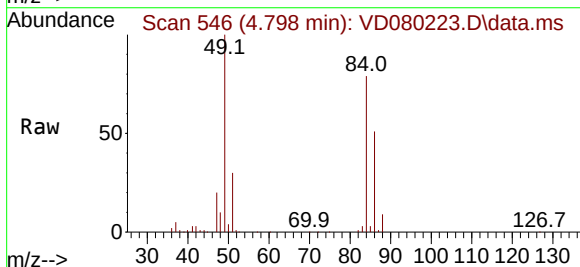
Ion Ratio Lower Upper

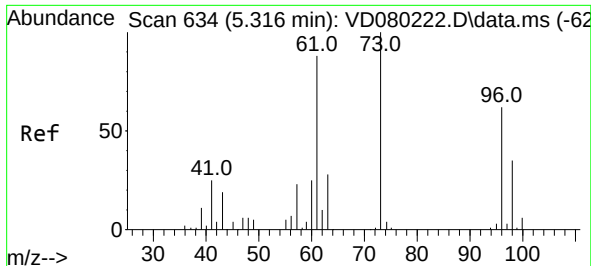
84 100

49 126.7 99.4 149.2

51 38.4 32.6 49.0

86 64.1 50.6 75.8

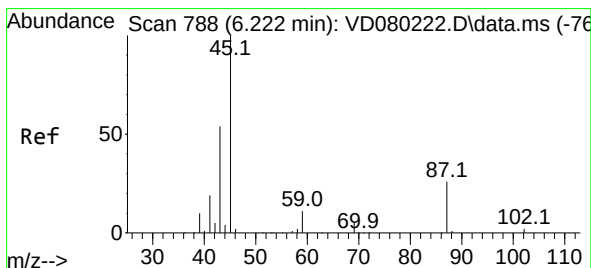
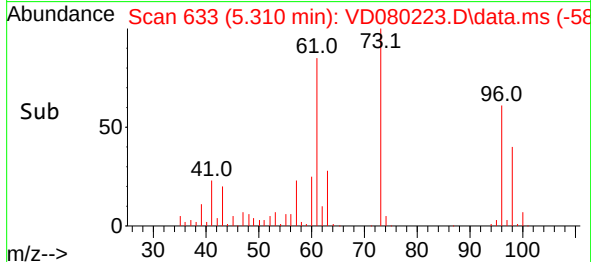
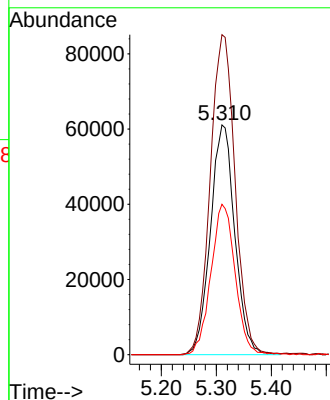
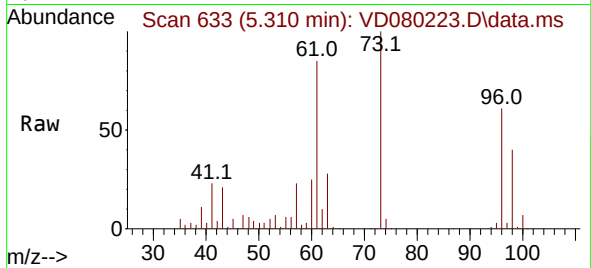




#21
trans-1,2-Dichloroethene
Concen: 95.289 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

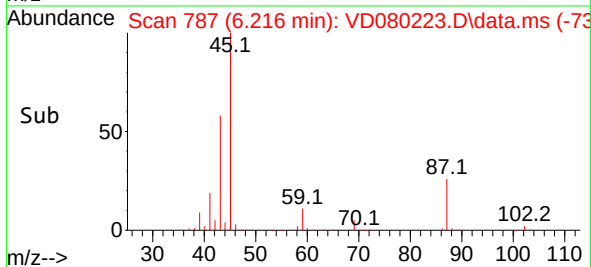
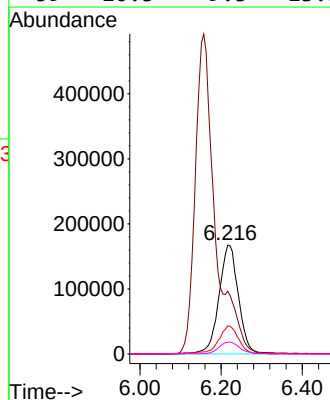
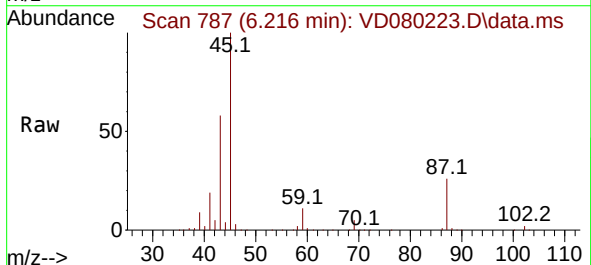
Instrument :
MSVOA_D
ClientSampleId :

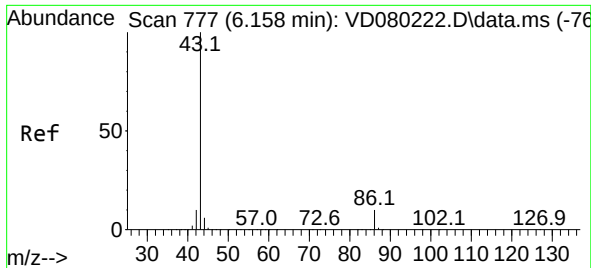
Tgt Ion: 96 Resp: 188324
Ion Ratio Lower Upper
96 100
61 139.3 113.7 170.5
98 65.4 45.4 68.2



#22
Diisopropyl ether
Concen: 99.747 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion: 45 Resp: 556522
Ion Ratio Lower Upper
45 100
43 56.9 44.3 66.5
87 25.8 20.5 30.7
59 10.3 9.3 13.9

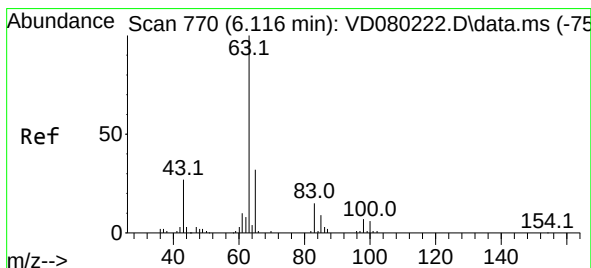
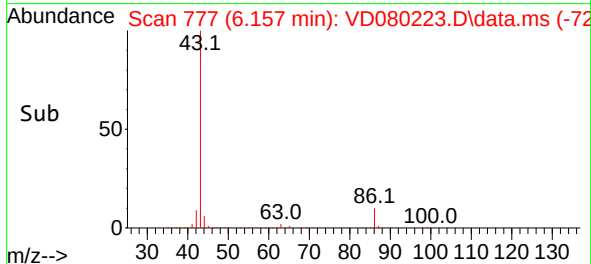
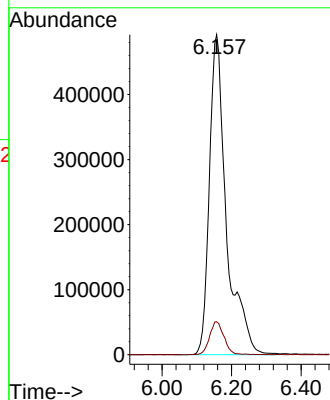
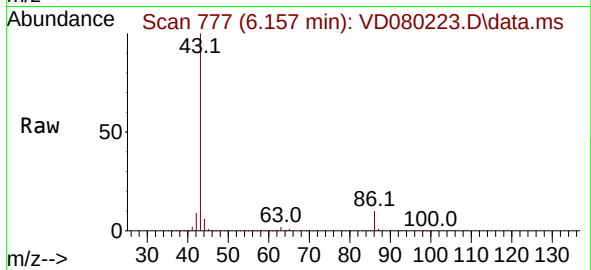




#23
 Vinyl Acetate
 Concen: 519.732 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD080223.D
 Acq: 03 Feb 2025 12:15

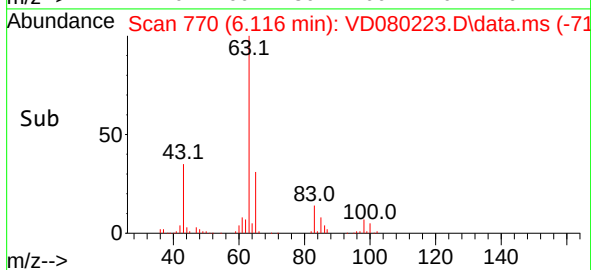
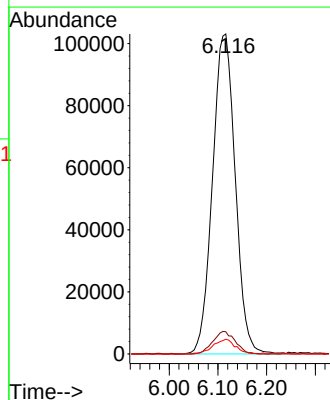
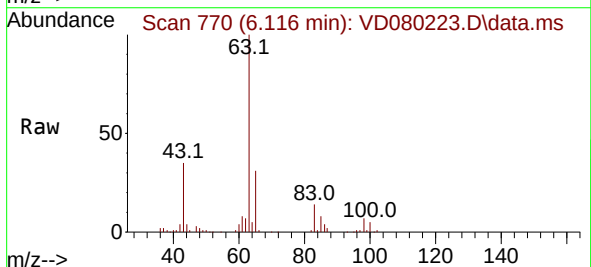
Instrument :
 MSVOA_D
 ClientSampleId :

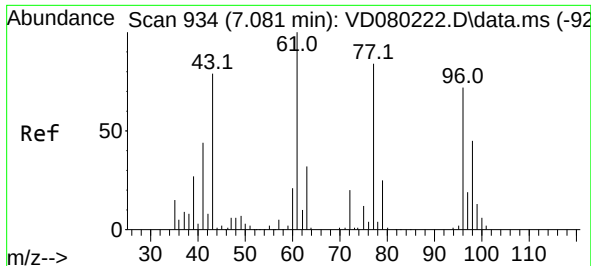
Tgt Ion: 43 Resp: 1674122
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 91.412 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD080223.D
 Acq: 03 Feb 2025 12:15

Tgt Ion: 63 Resp: 334335
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.6 2.8 8.4

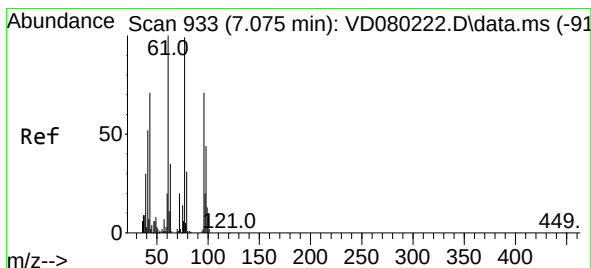
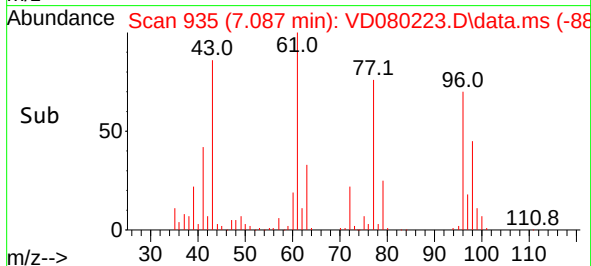
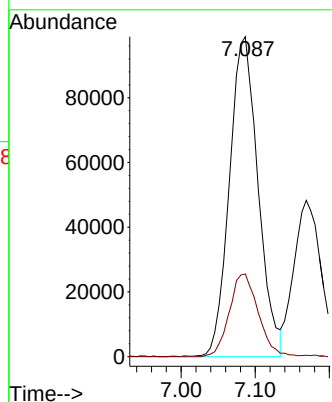
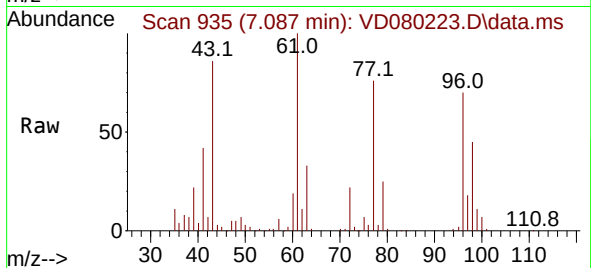




#25
2-Butanone
Concen: 537.726 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

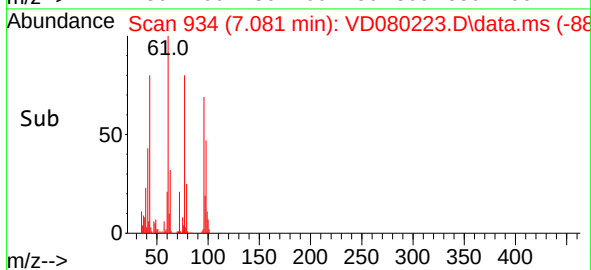
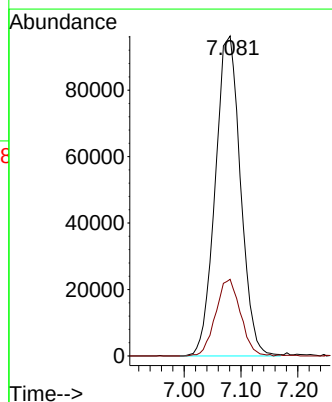
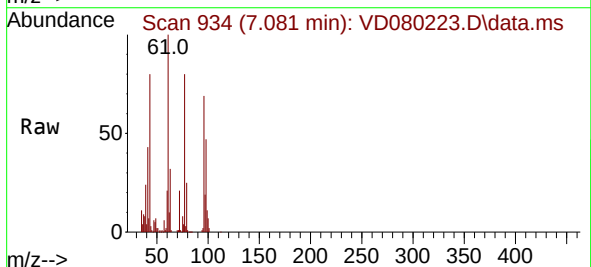
Instrument :
MSVOA_D
ClientSampleId :

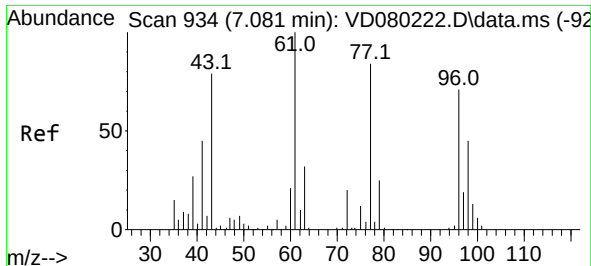
Tgt Ion: 43 Resp: 265625
Ion Ratio Lower Upper
43 100
72 25.8 19.9 29.9



#26
2,2-Dichloropropane
Concen: 93.794 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.005 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion: 77 Resp: 297539
Ion Ratio Lower Upper
77 100
97 23.6 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 101.989 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

Instrument :

MSVOA_D

ClientSampleId :

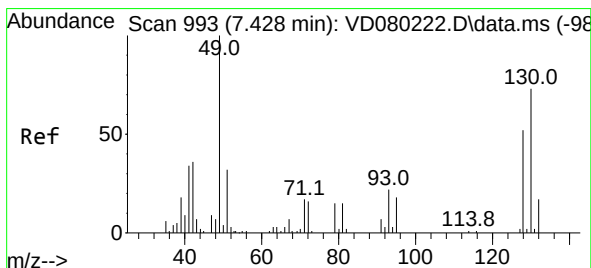
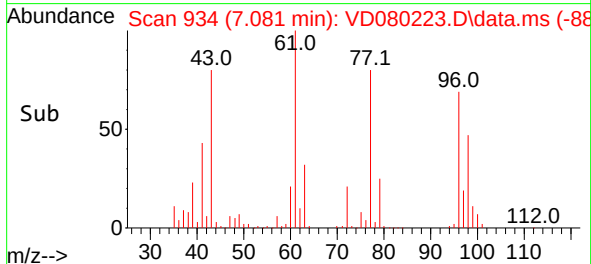
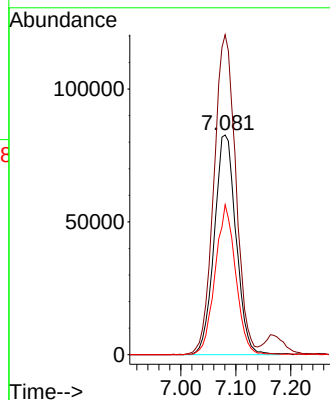
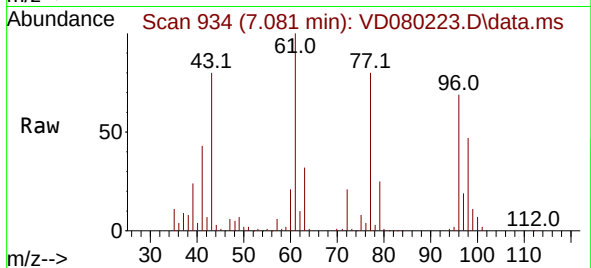
Tgt Ion: 96 Resp: 227715

Ion Ratio Lower Upper

96 100

61 146.5 0.0 297.4

98 64.6 0.0 131.0



#28

Bromochloromethane

Concen: 92.016 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

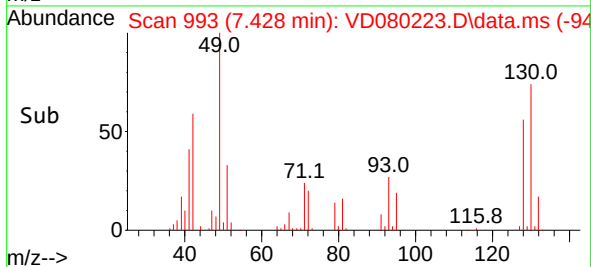
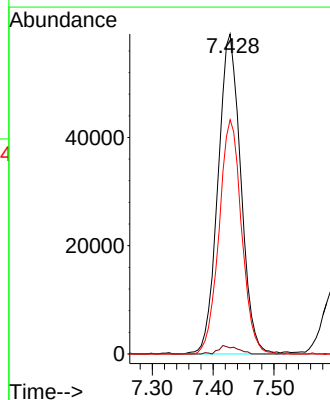
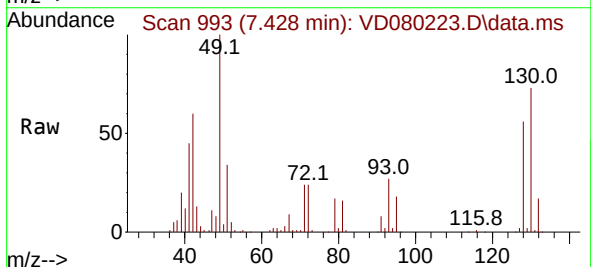
Tgt Ion: 49 Resp: 153580

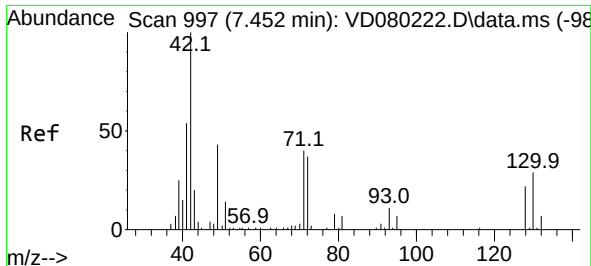
Ion Ratio Lower Upper

49 100

129 2.2 0.0 1.8#

130 72.3 55.3 82.9

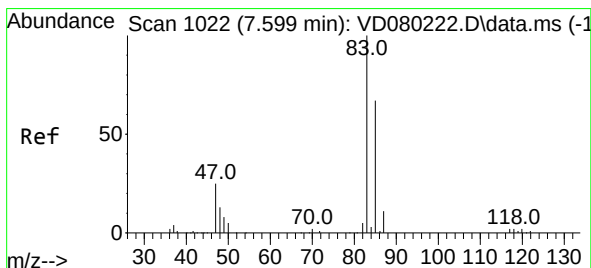
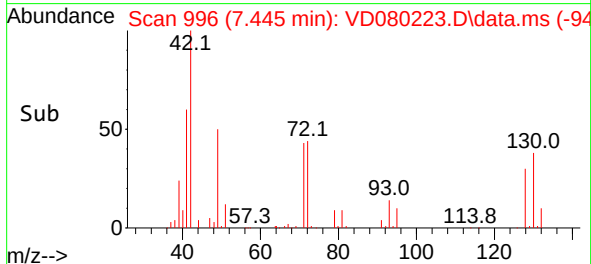
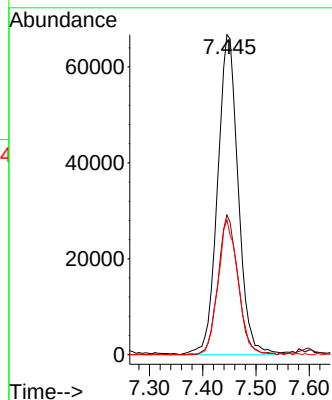
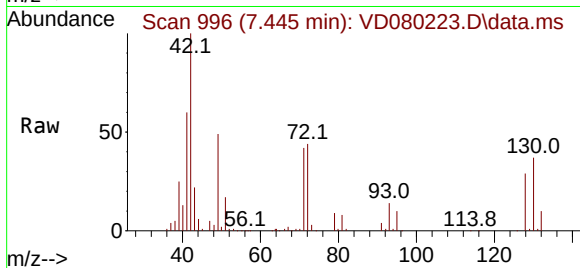




#29
Tetrahydrofuran
Concen: 554.588 ug/l
RT: 7.445 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

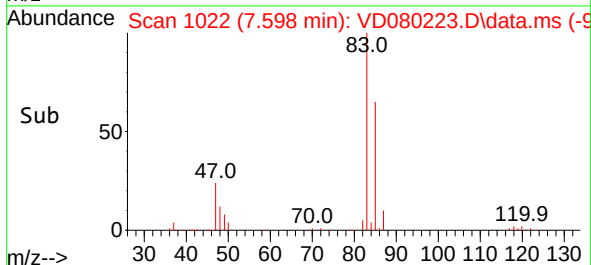
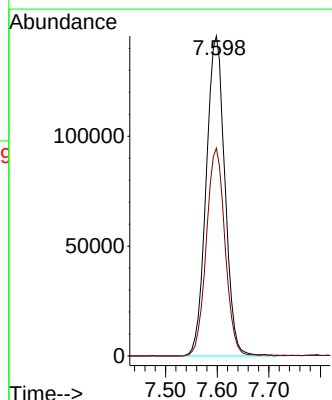
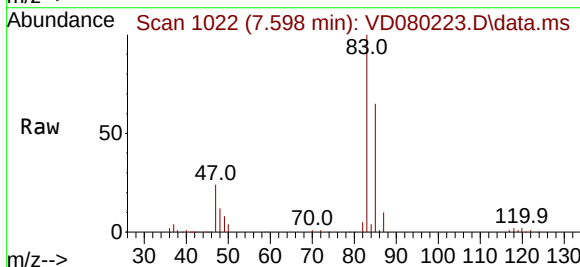
Instrument :
MSVOA_D
ClientSampleId :

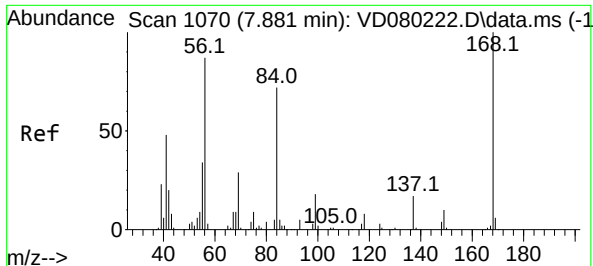
Tgt Ion: 42 Resp: 179433
Ion Ratio Lower Upper
42 100
72 42.0 33.5 50.3
71 41.0 32.9 49.3



#30
Chloroform
Concen: 97.796 ug/l
RT: 7.598 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion: 83 Resp: 365691
Ion Ratio Lower Upper
83 100
85 64.9 53.7 80.5





#31

Cyclohexane

Concen: 100.948 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

Instrument :

MSVOA_D

ClientSampleId :

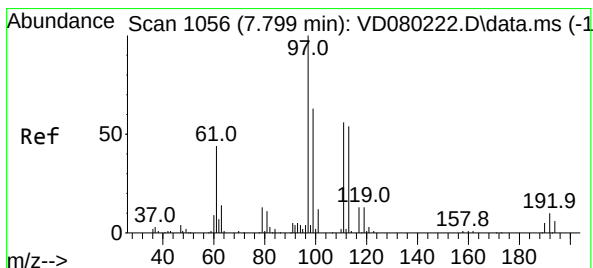
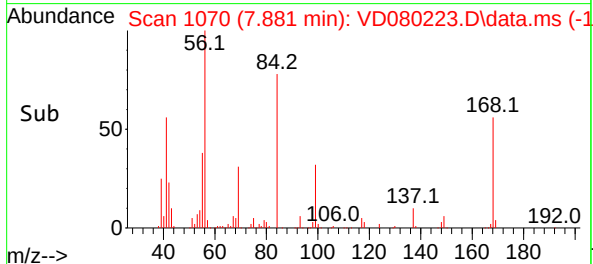
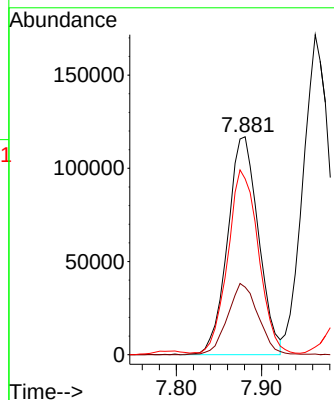
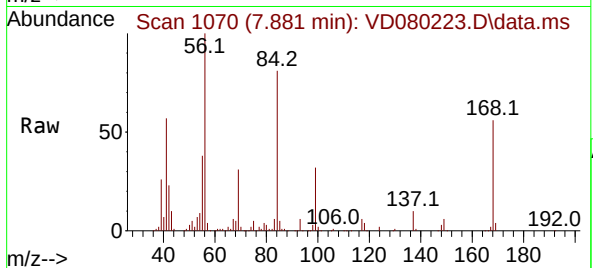
Tgt Ion: 56 Resp: 295560

Ion Ratio Lower Upper

56 100

69 31.0 27.0 40.4

84 79.4 66.3 99.5



#32

1,1,1-Trichloroethane

Concen: 97.454 ug/l

RT: 7.792 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

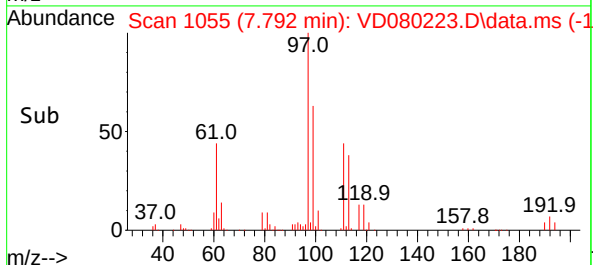
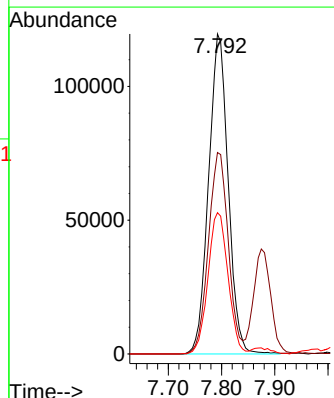
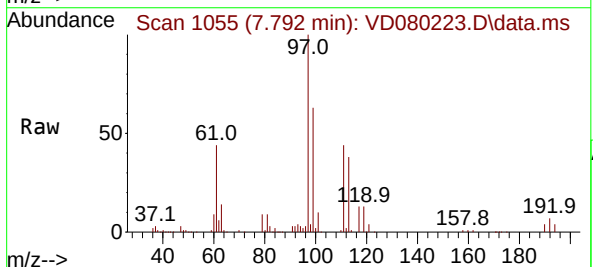
Tgt Ion: 97 Resp: 304879

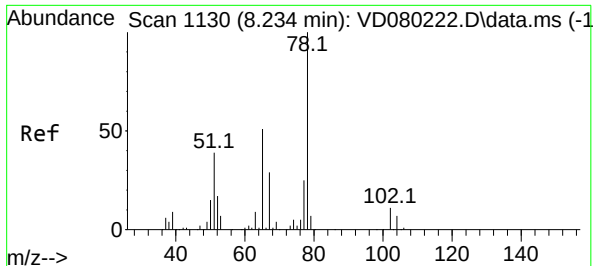
Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

61 45.4 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 96.453 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

Instrument :

MSVOA_D

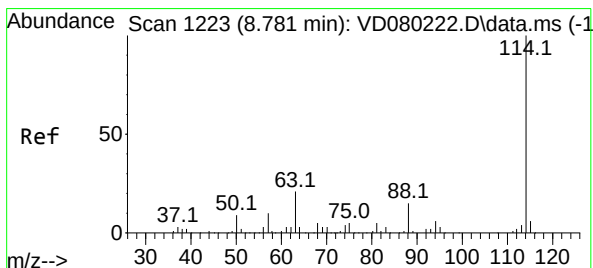
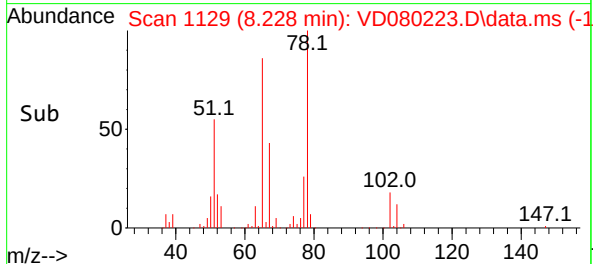
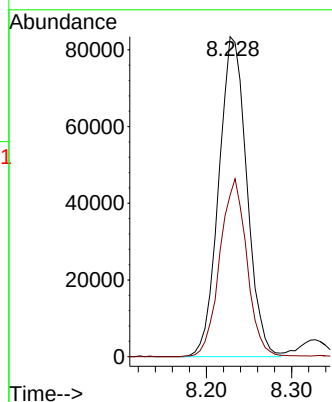
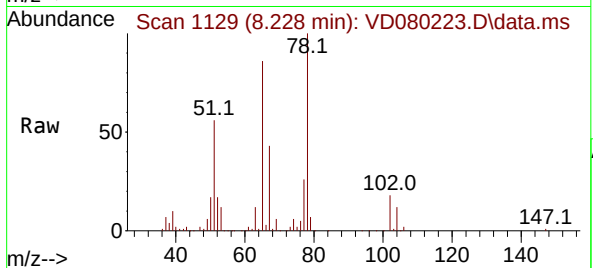
ClientSampleId :

Tgt Ion: 65 Resp: 190601

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

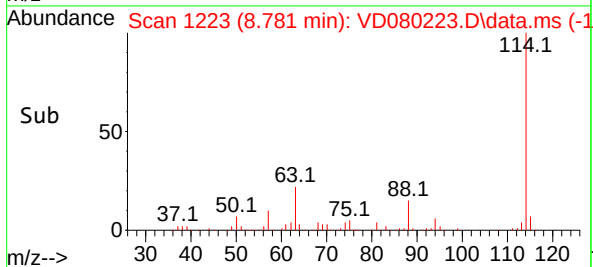
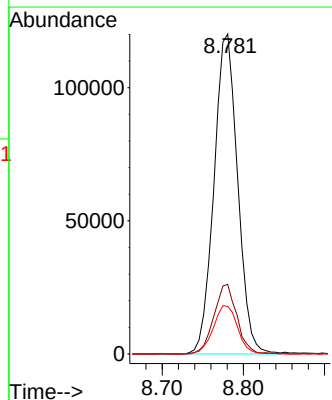
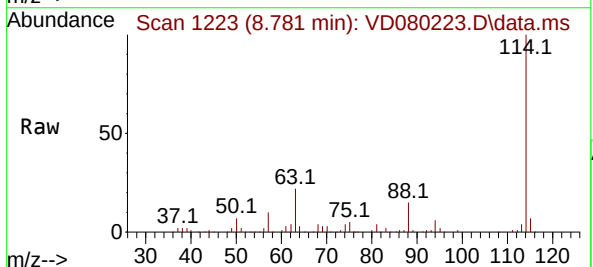
Tgt Ion: 114 Resp: 243367

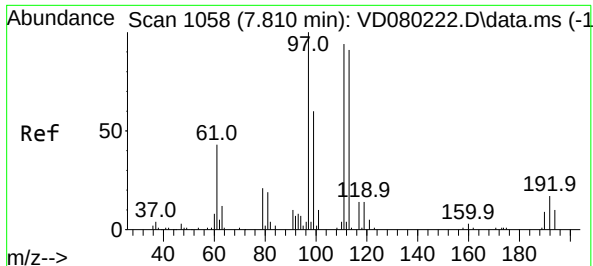
Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.8

88 14.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 102.085 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

Instrument :

MSVOA_D

ClientSampleId :

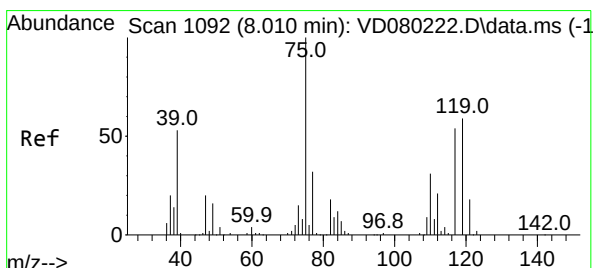
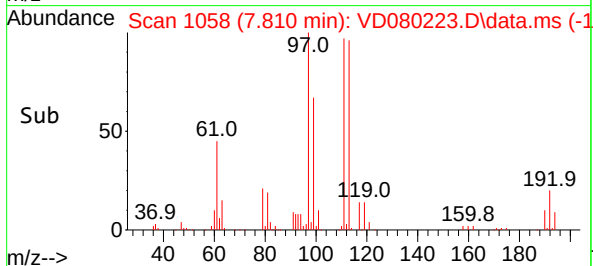
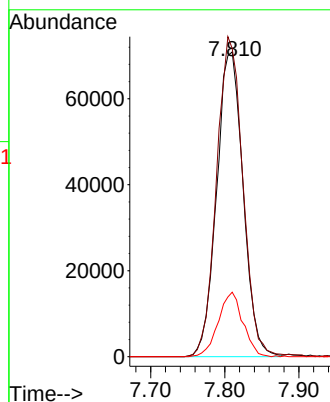
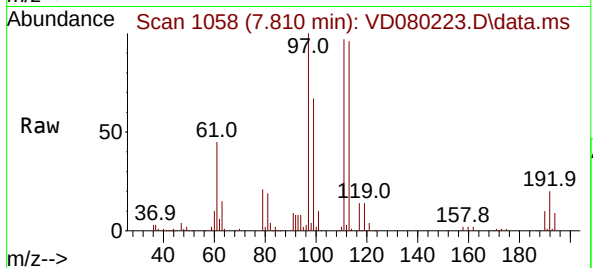
Tgt Ion:113 Resp: 176078

Ion Ratio Lower Upper

113 100

111 104.4 85.0 127.4

192 19.7 15.5 23.3



#36

1,1-Dichloropropene

Concen: 106.806 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

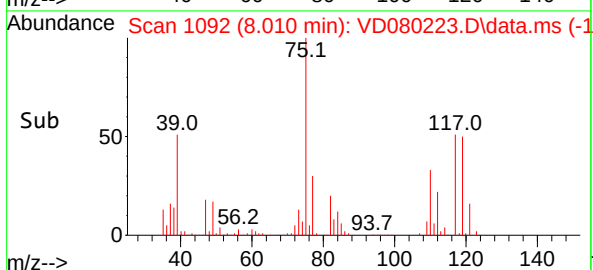
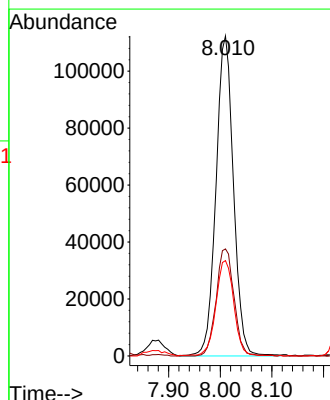
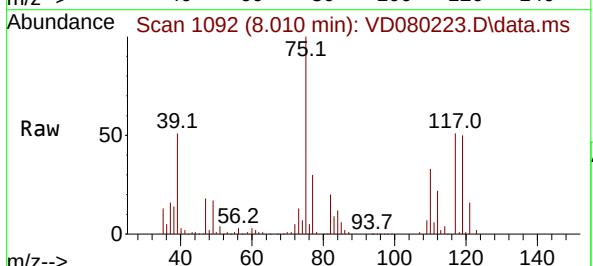
Tgt Ion: 75 Resp: 263860

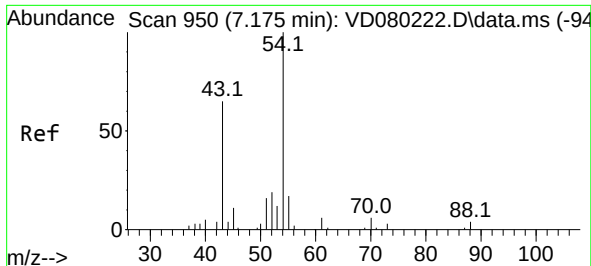
Ion Ratio Lower Upper

75 100

110 34.2 17.1 51.2

77 30.2 25.6 38.4





#37

Ethyl Acetate

Concen: 105.069 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

Instrument :

MSVOA_D

ClientSampleId :

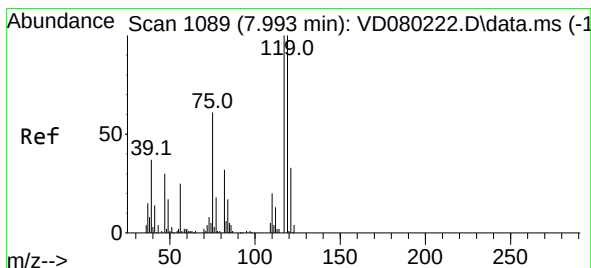
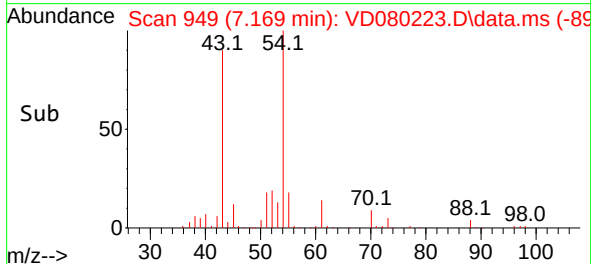
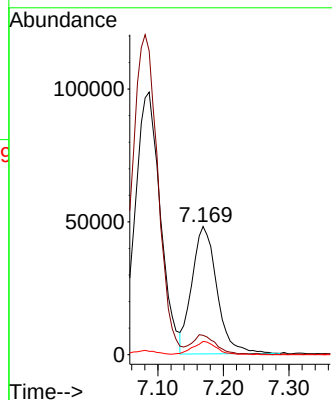
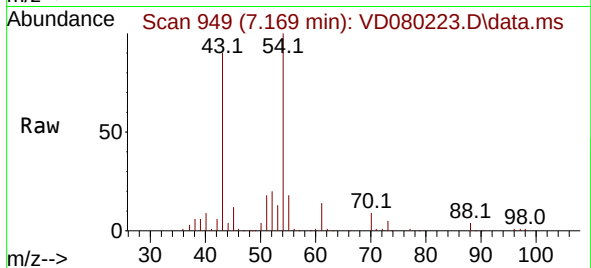
Tgt Ion: 43 Resp: 127282

Ion Ratio Lower Upper

43 100

61 14.2 11.4 17.0

70 9.9 8.2 12.2



#38

Carbon Tetrachloride

Concen: 100.582 ug/l

RT: 7.992 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

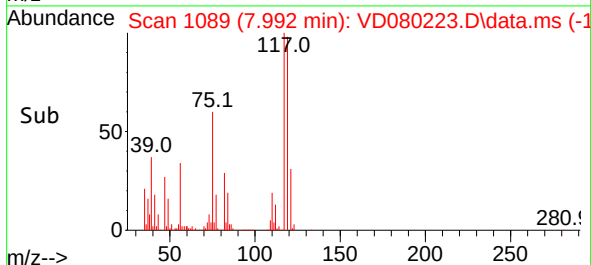
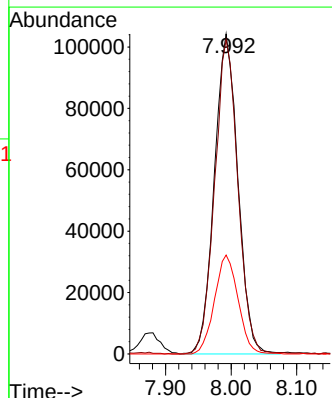
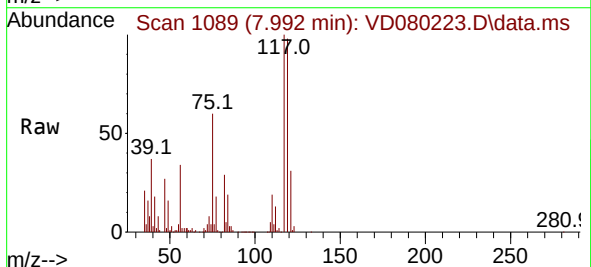
Tgt Ion: 117 Resp: 259547

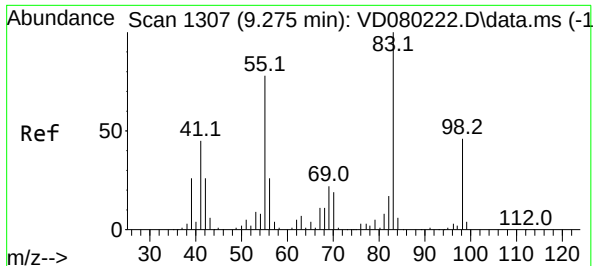
Ion Ratio Lower Upper

117 100

119 98.2 79.8 119.6

121 30.9 26.6 39.8





#39

Methylcyclohexane

Concen: 113.911 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

Instrument :

MSVOA_D

ClientSampleId :

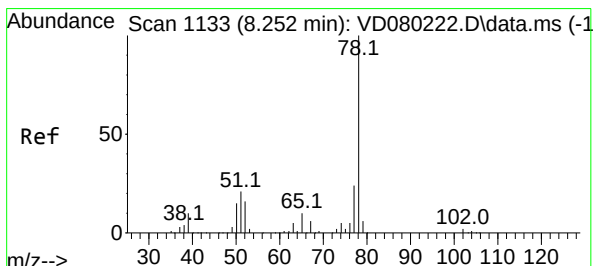
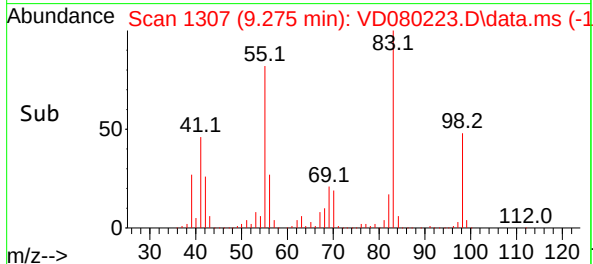
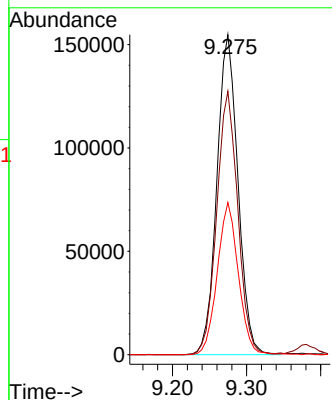
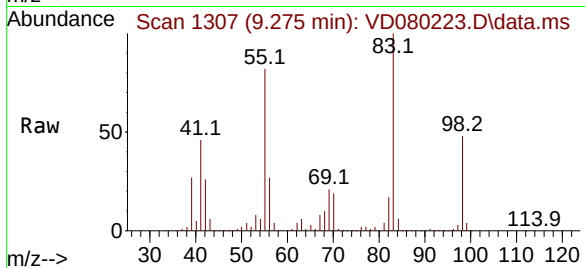
Tgt Ion: 83 Resp: 305731

Ion Ratio Lower Upper

83 100

55 82.3 62.5 93.7

98 47.5 37.1 55.7



#40

Benzene

Concen: 103.198 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD080223.D

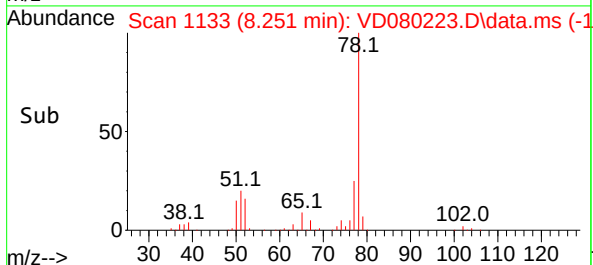
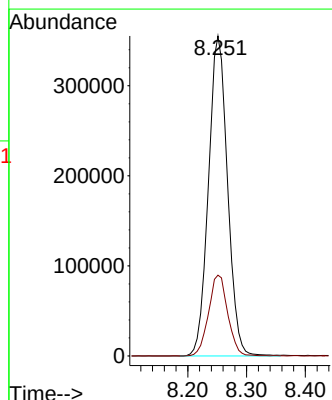
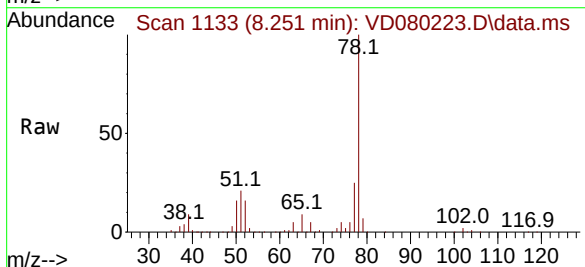
Acq: 03 Feb 2025 12:15

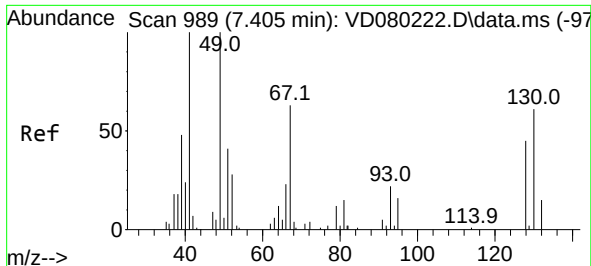
Tgt Ion: 78 Resp: 799131

Ion Ratio Lower Upper

78 100

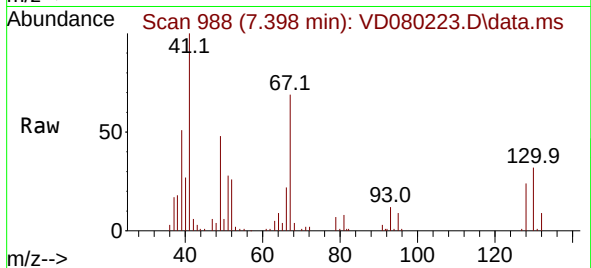
77 25.3 19.2 28.8



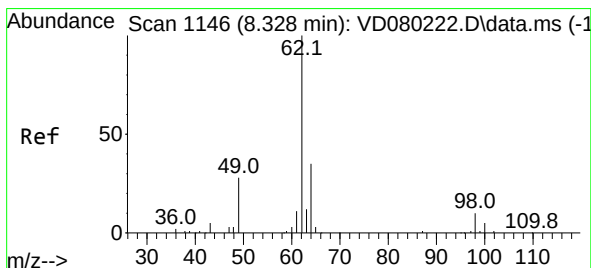
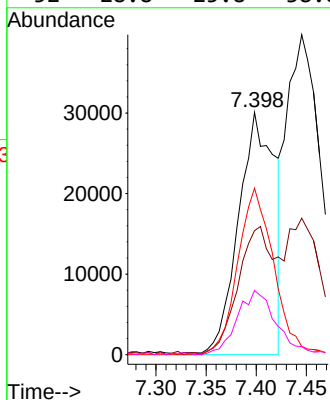
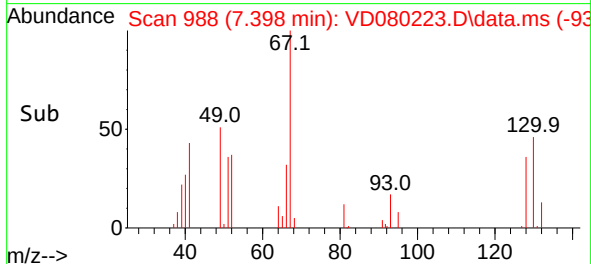


#41
Methacrylonitrile
Concen: 113.197 ug/l
RT: 7.398 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

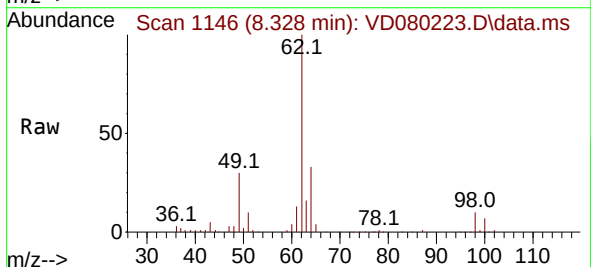
Instrument :
MSVOA_D
ClientSampleId :



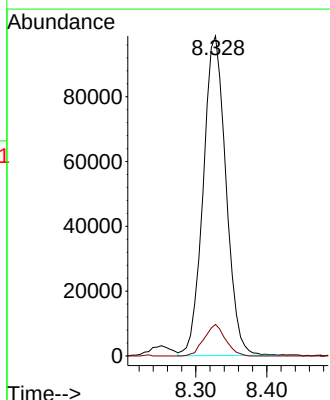
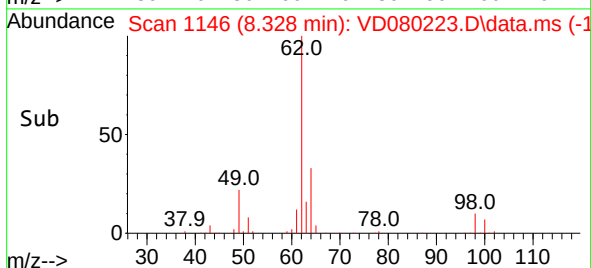
Tgt Ion:	41	Resp:	75592
Ion	Ratio	Lower	Upper
41	100		
39	45.9	44.7	67.1
67	68.5	55.0	82.4
52	28.8	25.8	38.8

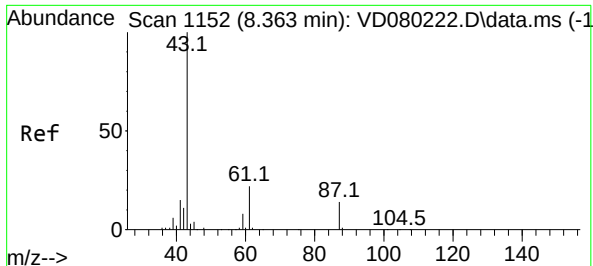


#42
1,2-Dichloroethane
Concen: 99.630 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15



Tgt Ion:	62	Resp:	219544
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4

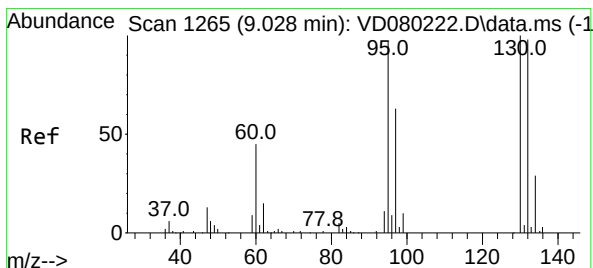
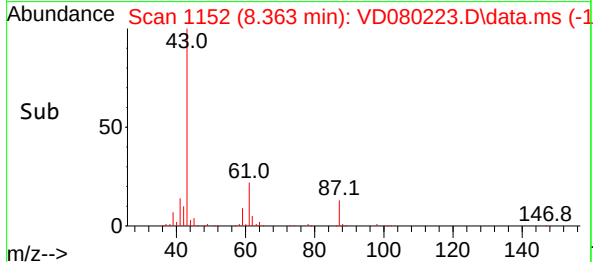
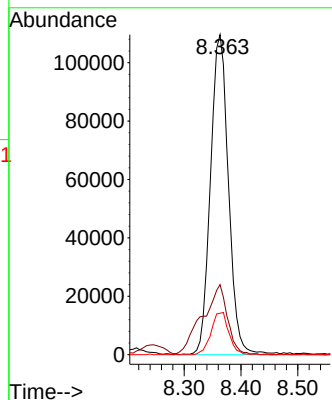
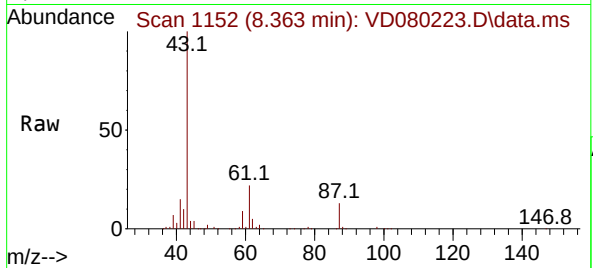




#43
Isopropyl Acetate
Concen: 111.911 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

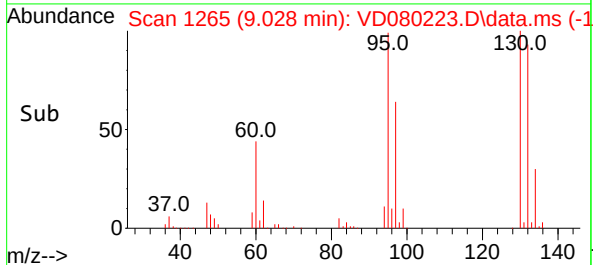
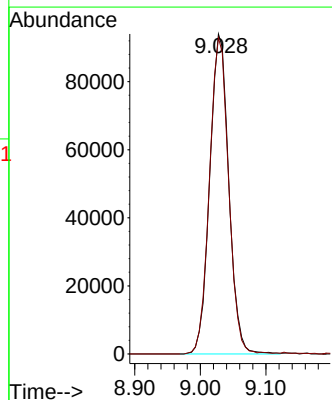
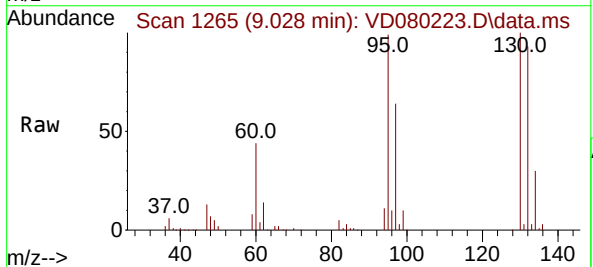
Instrument :
MSVOA_D
ClientSampleId :

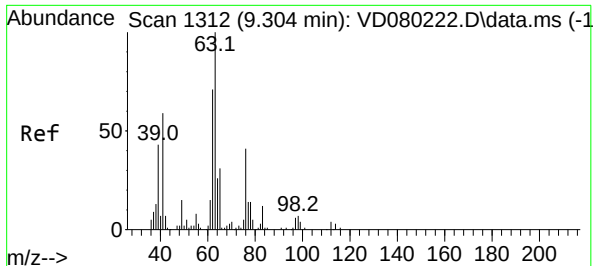
Tgt Ion: 43 Resp: 240605
Ion Ratio Lower Upper
43 100
61 30.7 25.0 37.4
87 13.1 10.7 16.1



#44
Trichloroethene
Concen: 106.141 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion:130 Resp: 189876
Ion Ratio Lower Upper
130 100
95 98.8 0.0 194.2





#45

1,2-Dichloropropane

Concen: 104.352 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

Instrument :

MSVOA_D

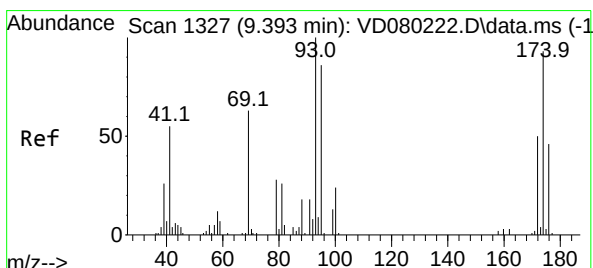
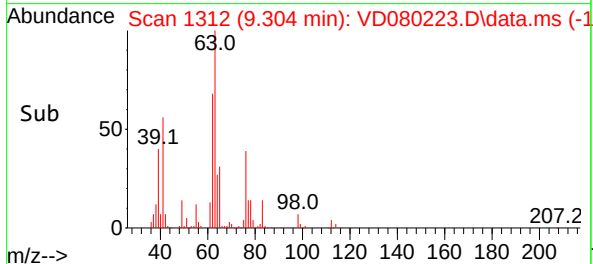
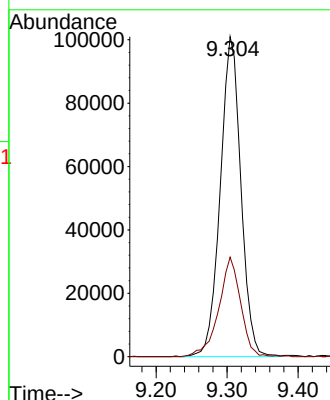
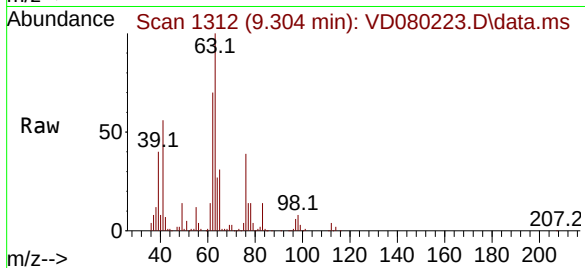
ClientSampleId :

Tgt Ion: 63 Resp: 203250

Ion Ratio Lower Upper

63 100

65 31.1 24.6 36.8



#46

Dibromomethane

Concen: 101.900 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

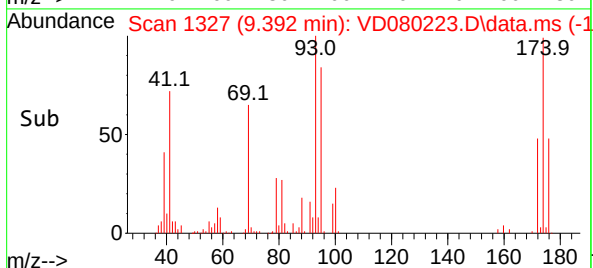
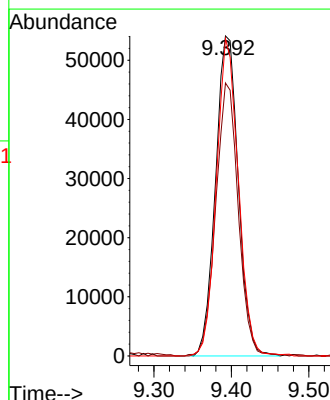
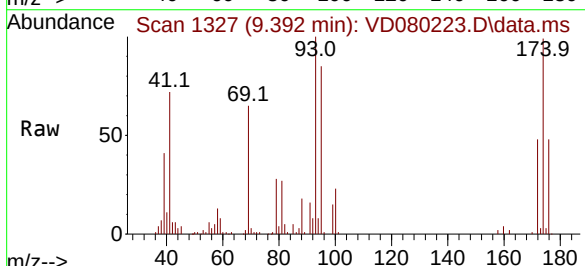
Tgt Ion: 93 Resp: 110577

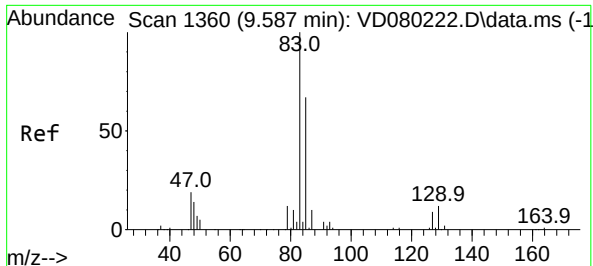
Ion Ratio Lower Upper

93 100

95 84.1 66.8 100.2

174 95.6 76.8 115.2

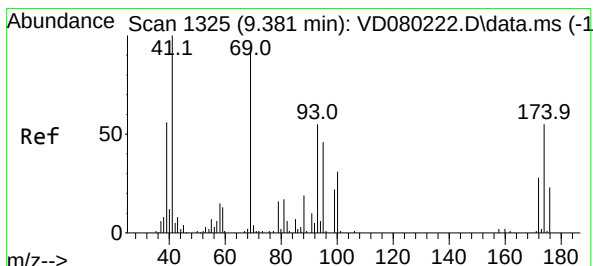
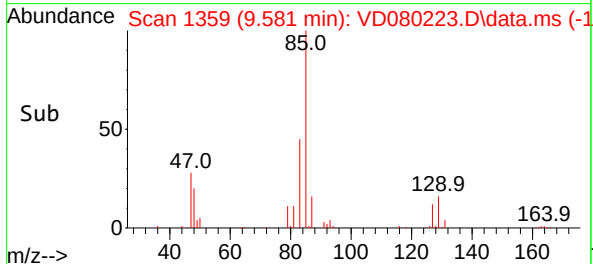
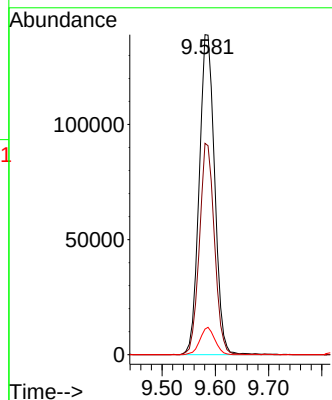
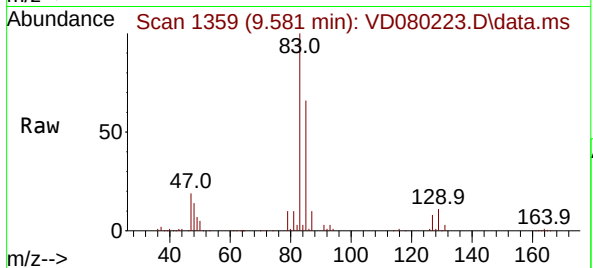




#47
Bromodichloromethane
Concen: 102.179 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

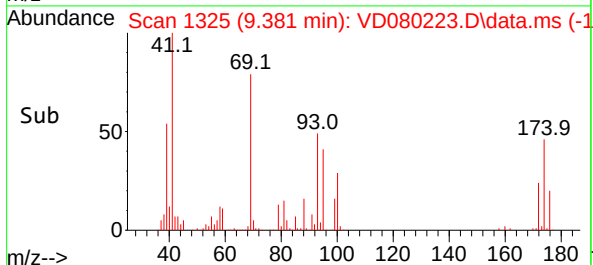
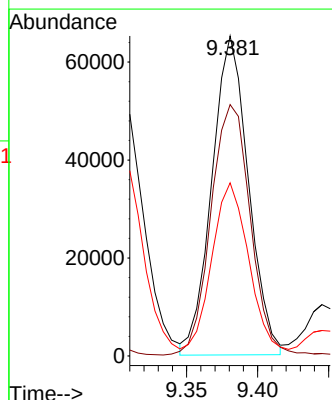
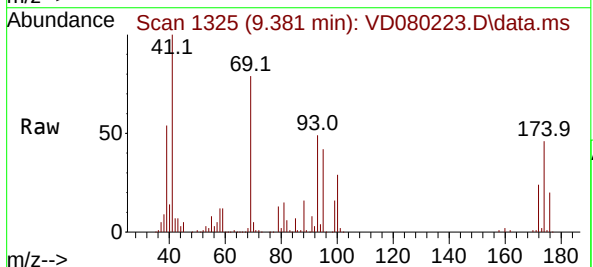
Instrument :
MSVOA_D
ClientSampleId :

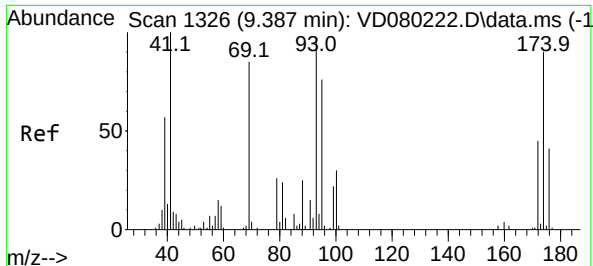
Tgt Ion: 83 Resp: 279614
Ion Ratio Lower Upper
83 100
85 66.0 53.6 80.4
127 8.0 7.4 11.2



#48
Methyl methacrylate
Concen: 117.240 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

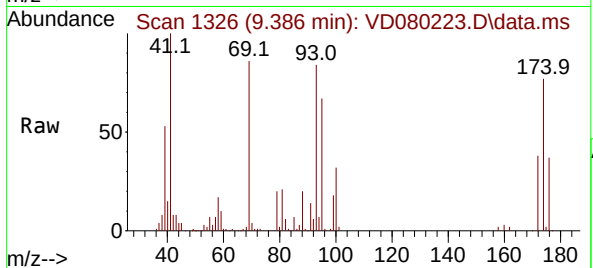
Tgt Ion: 41 Resp: 116643
Ion Ratio Lower Upper
41 100
69 84.6 73.7 110.5
39 51.8 49.4 74.2



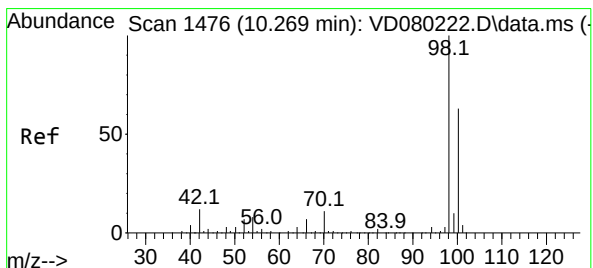
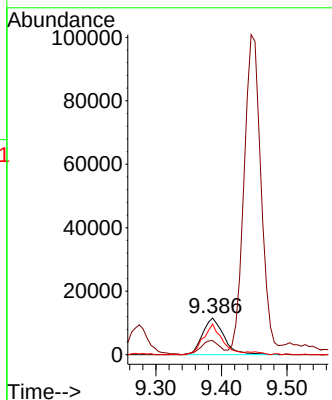
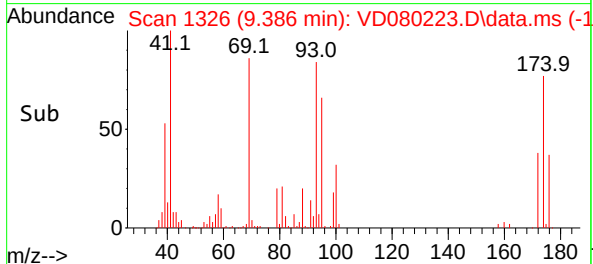


#49
1,4-Dioxane
Concen: 2214.758 ug/l
RT: 9.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Instrument :
MSVOA_D
ClientSampleId :

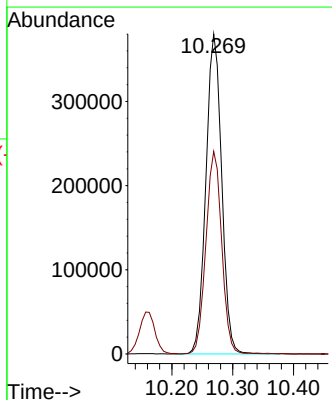
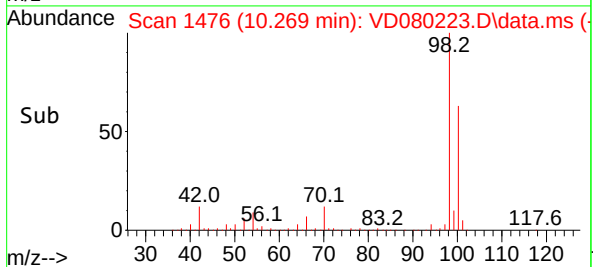
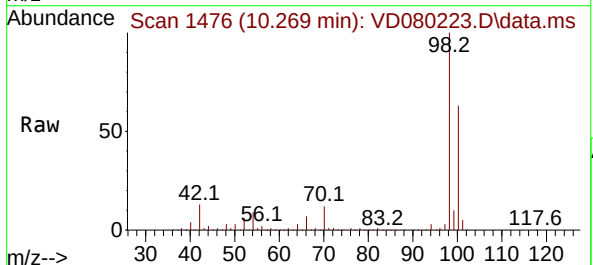


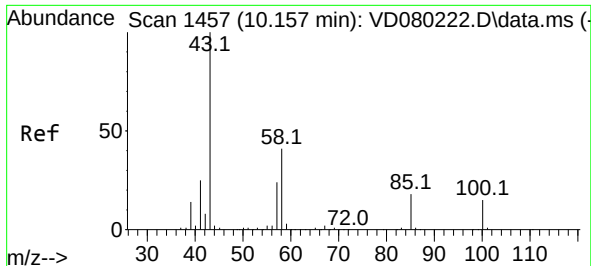
Tgt Ion: 88 Resp: 26145
Ion Ratio Lower Upper
88 100
43 33.8 28.5 42.7
58 73.7 56.3 84.5



#50
Toluene-d8
Concen: 107.041 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion: 98 Resp: 684672
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.4

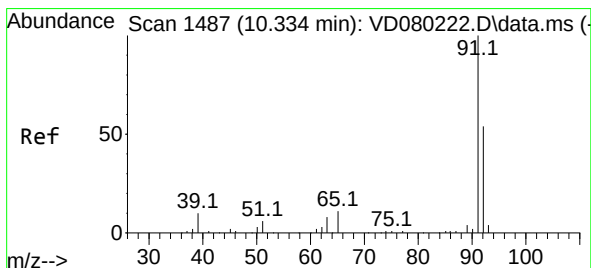
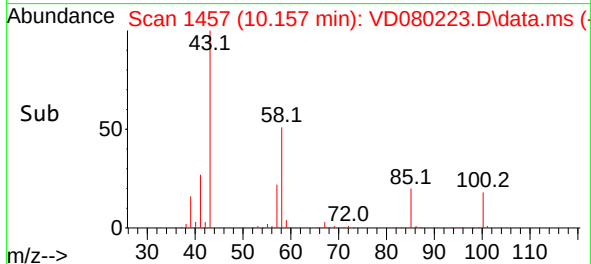
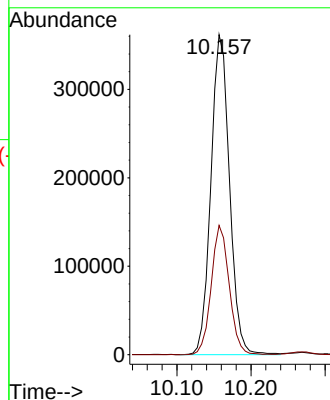
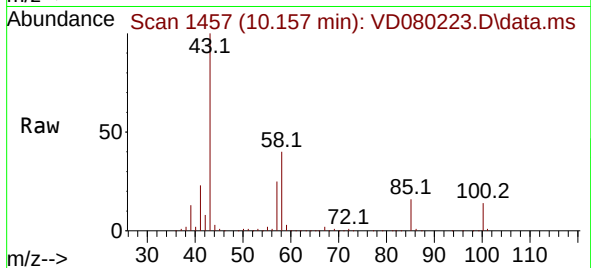




#51
4-Methyl-2-Pentanone
Concen: 580.649 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

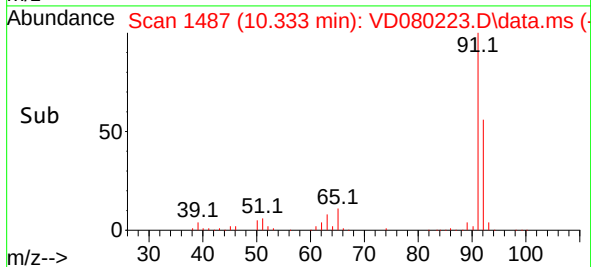
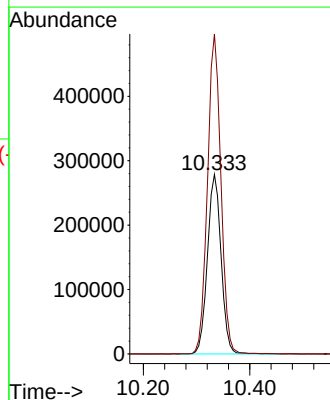
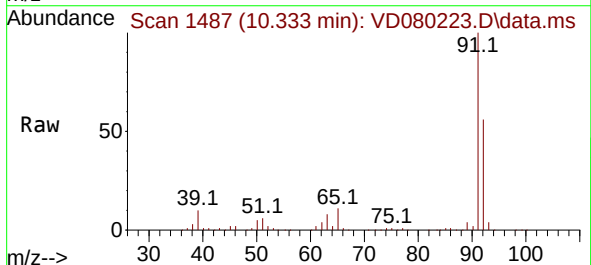
Instrument :
MSVOA_D
ClientSampleId :

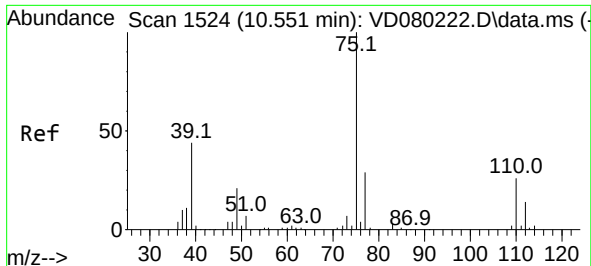
Tgt Ion: 43 Resp: 631249
Ion Ratio Lower Upper
43 100
58 39.1 31.1 46.7



#52
Toluene
Concen: 109.474 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion: 92 Resp: 495854
Ion Ratio Lower Upper
92 100
91 175.4 144.7 217.1

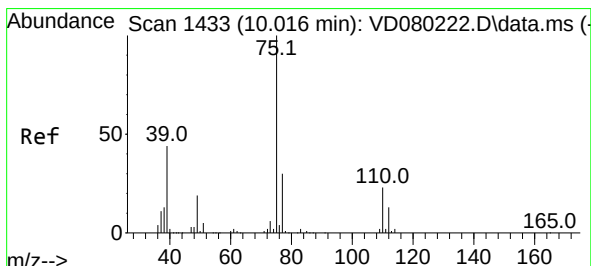
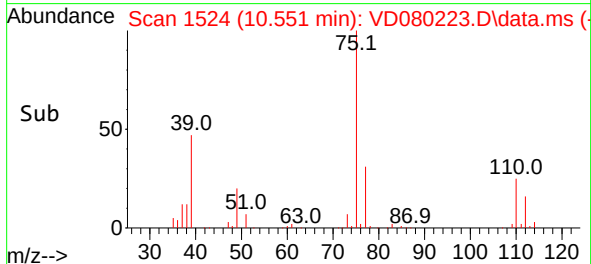
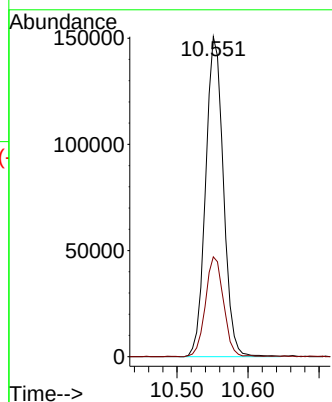
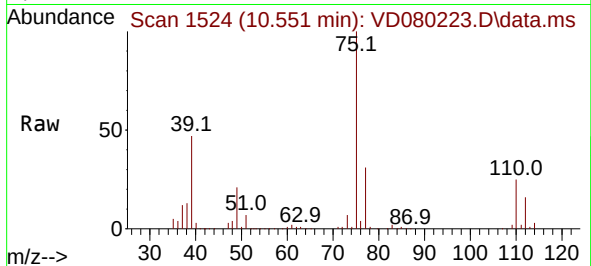




#53
 t-1,3-Dichloropropene
 Concen: 112.335 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD080223.D
 Acq: 03 Feb 2025 12:15

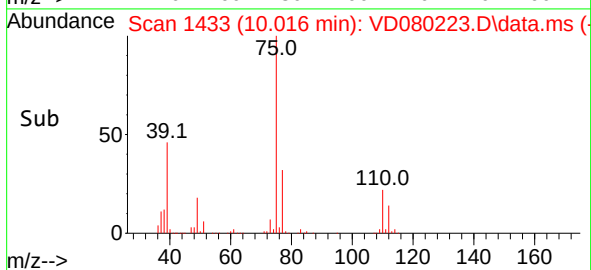
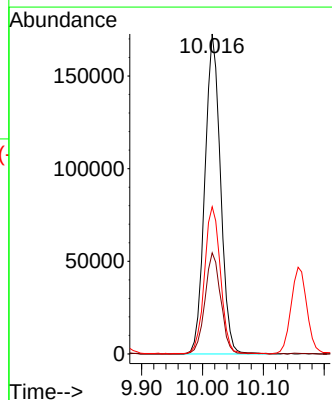
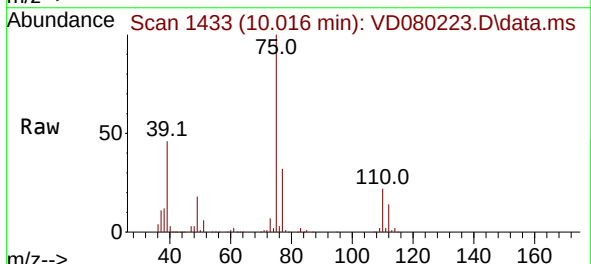
Instrument :
 MSVOA_D
 ClientSampleId :

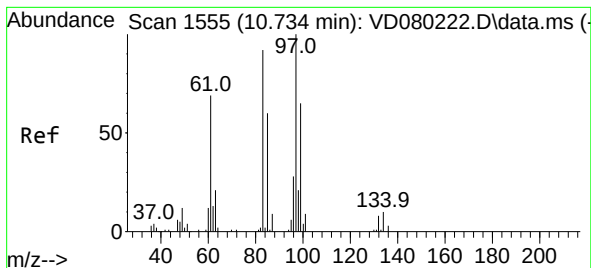
Tgt Ion: 75 Resp: 262056
 Ion Ratio Lower Upper
 75 100
 77 31.2 23.0 34.4



#54
 cis-1,3-Dichloropropene
 Concen: 108.759 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD080223.D
 Acq: 03 Feb 2025 12:15

Tgt Ion: 75 Resp: 308617
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.1 36.1
 39 45.8 35.1 52.7





#55

1,1,2-Trichloroethane

Concen: 99.789 ug/l

RT: 10.733 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 140701

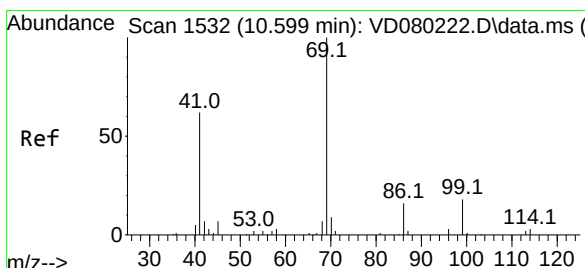
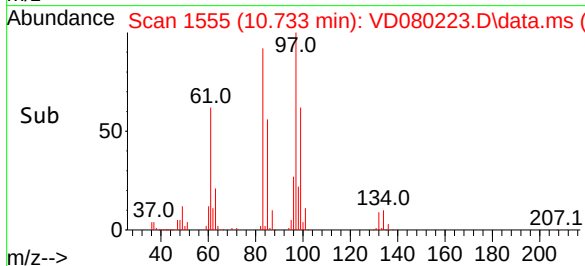
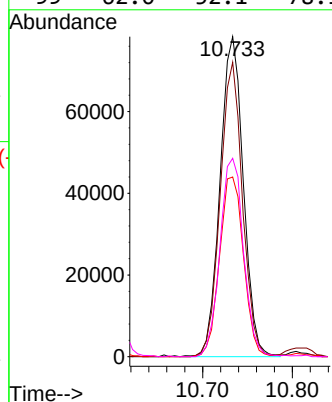
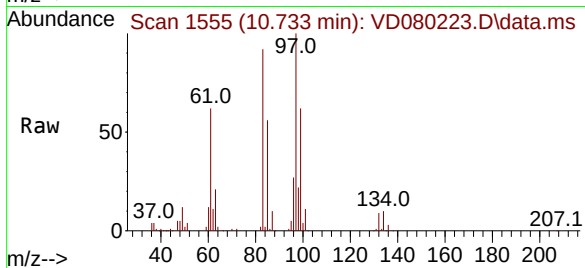
Ion Ratio Lower Upper

97 100

83 92.0 73.9 110.9

85 56.1 48.2 72.2

99 62.0 52.1 78.1



#56

Ethyl methacrylate

Concen: 126.103 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

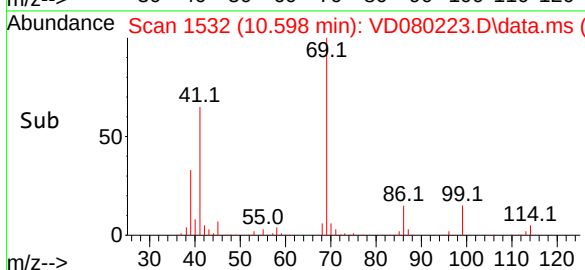
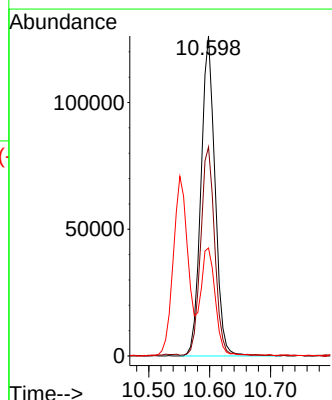
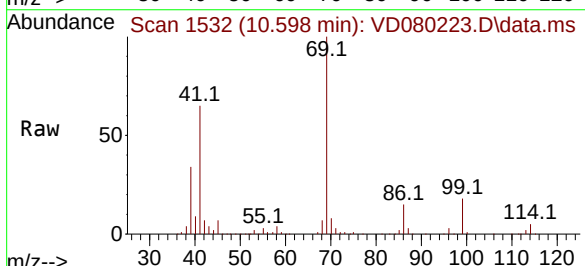
Tgt Ion: 69 Resp: 202878

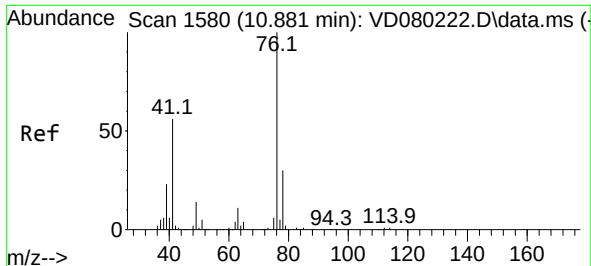
Ion Ratio Lower Upper

69 100

41 64.6 51.8 77.6

39 34.9 28.7 43.1





#57

1,3-Dichloropropane

Concen: 106.516 ug/l

RT: 10.880 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

Instrument :

MSVOA_D

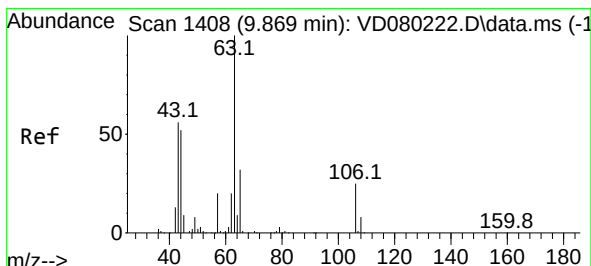
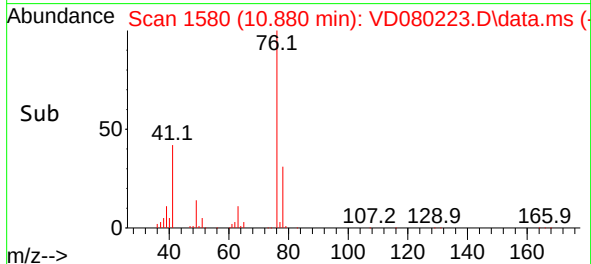
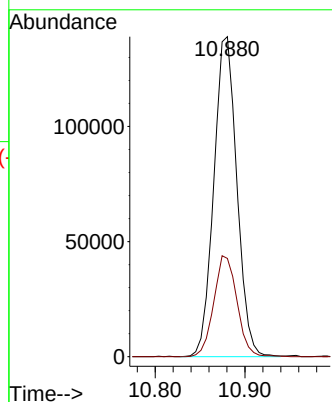
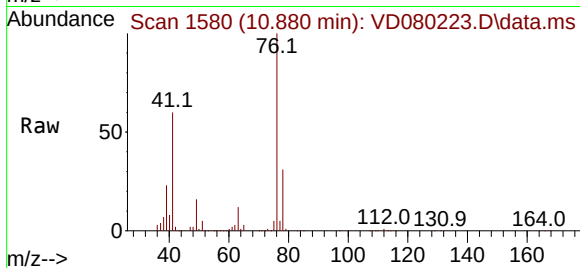
ClientSampleId :

Tgt Ion: 76 Resp: 248409

Ion Ratio Lower Upper

76 100

78 31.7 25.0 37.4



#58

2-Chloroethyl Vinyl ether

Concen: 599.590 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD080223.D

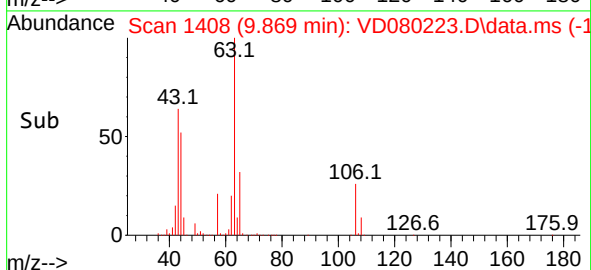
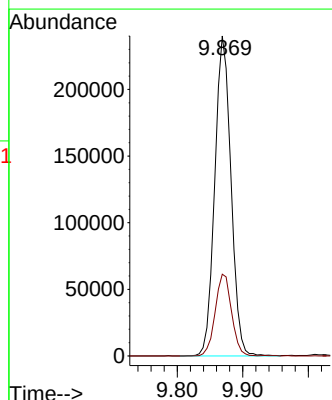
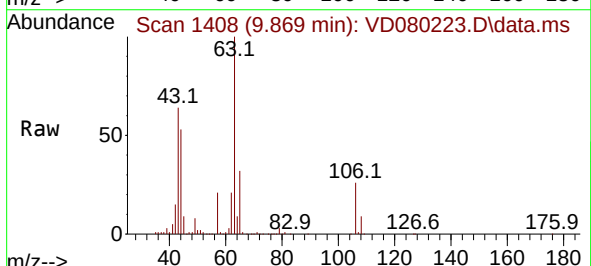
Acq: 03 Feb 2025 12:15

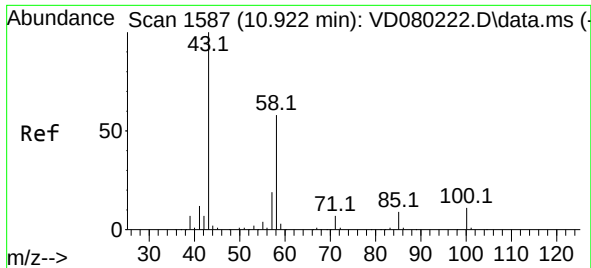
Tgt Ion: 63 Resp: 411717

Ion Ratio Lower Upper

63 100

106 25.7 20.6 30.8

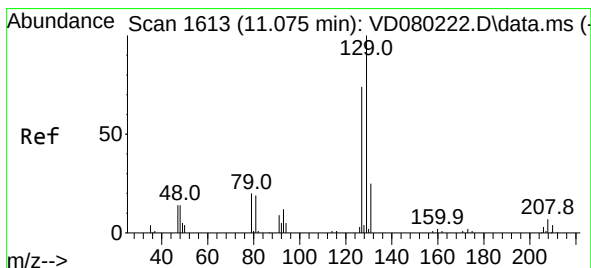
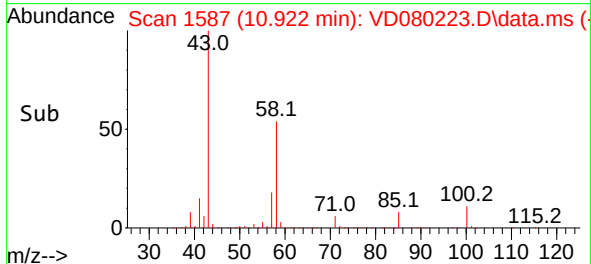
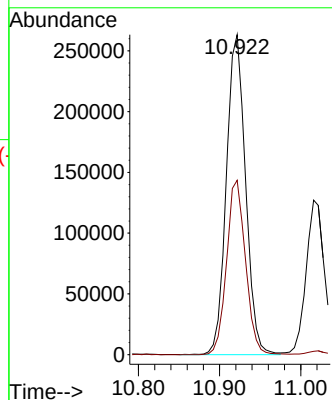
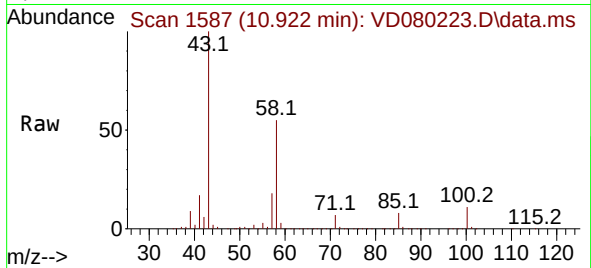




#59
2-Hexanone
Concen: 607.612 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

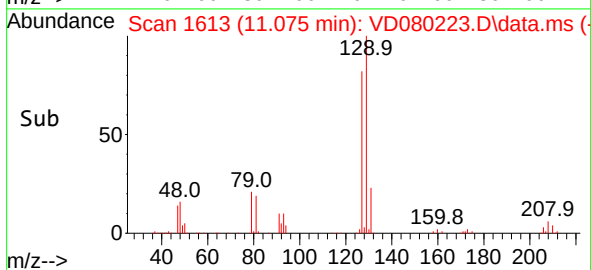
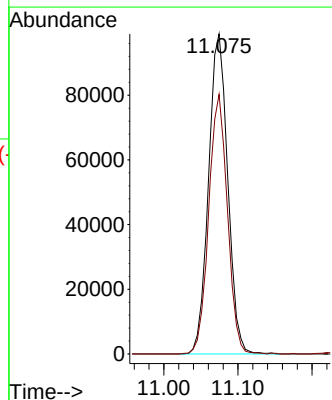
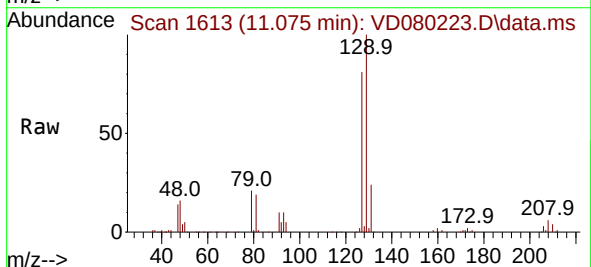
Instrument :
MSVOA_D
ClientSampleId :

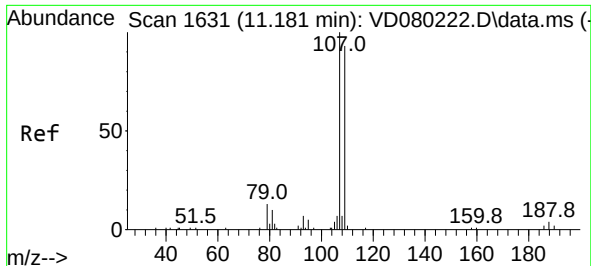
Tgt Ion: 43 Resp: 433461
Ion Ratio Lower Upper
43 100
58 53.6 27.4 82.2



#60
Dibromochloromethane
Concen: 102.415 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion:129 Resp: 177991
Ion Ratio Lower Upper
129 100
127 78.9 38.1 114.5

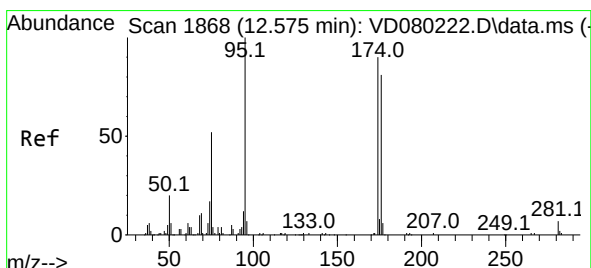
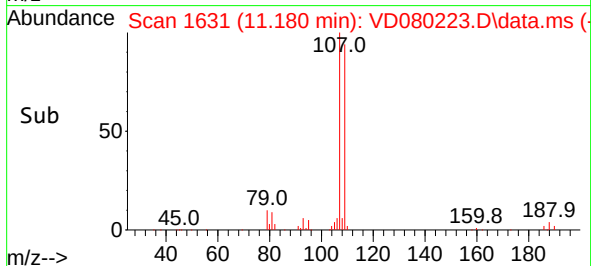
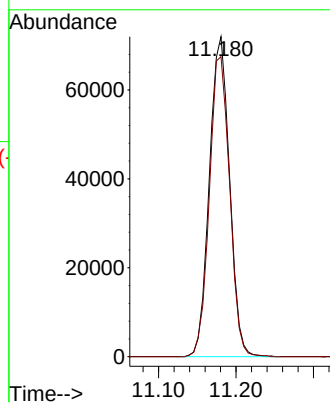
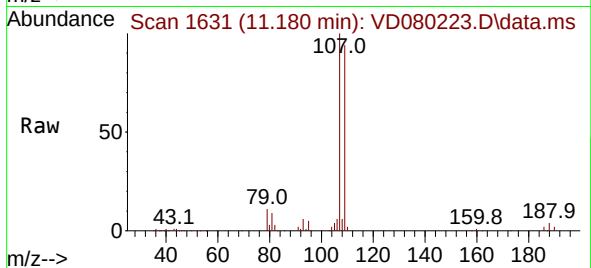




#61
1,2-Dibromoethane
Concen: 101.343 ug/l
RT: 11.180 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

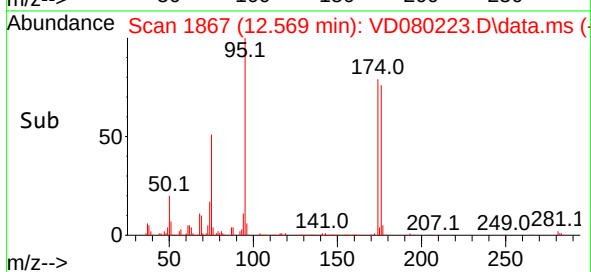
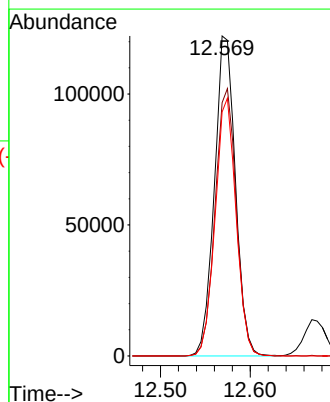
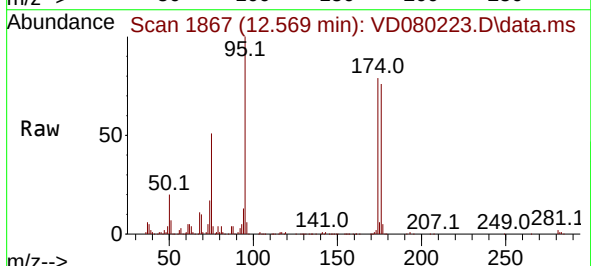
Instrument :
MSVOA_D
ClientSampleId :

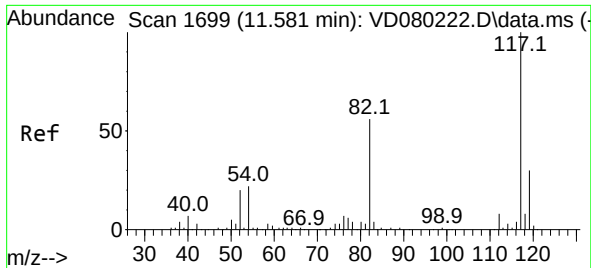
Tgt Ion:107 Resp: 130136
Ion Ratio Lower Upper
107 100
109 94.2 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 96.796 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion: 95 Resp: 198659
Ion Ratio Lower Upper
95 100
174 84.3 0.0 171.8
176 80.0 0.0 159.6

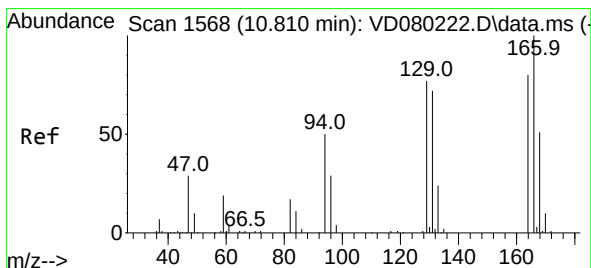
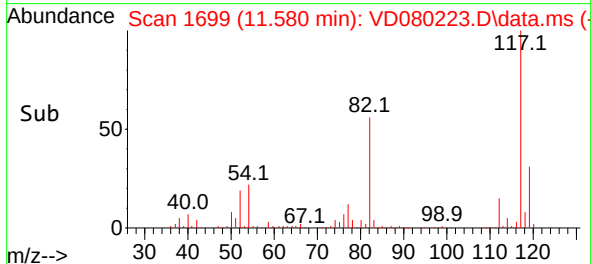
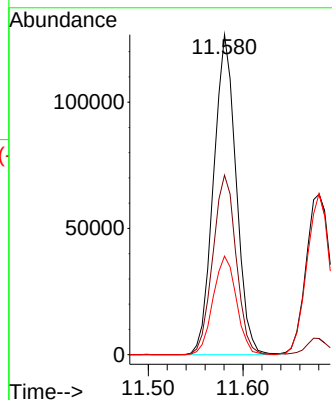
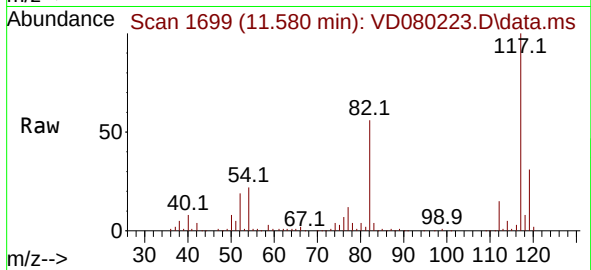




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

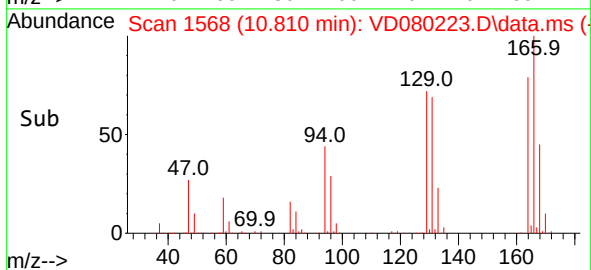
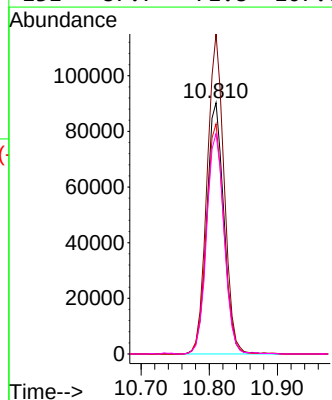
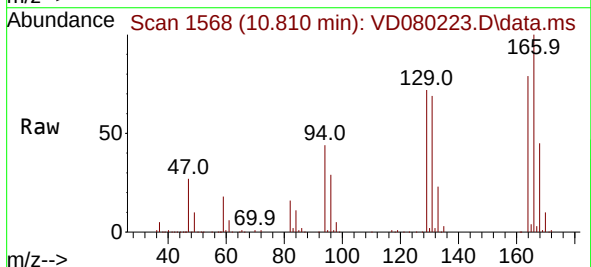
Instrument :
MSVOA_D
ClientSampleId :

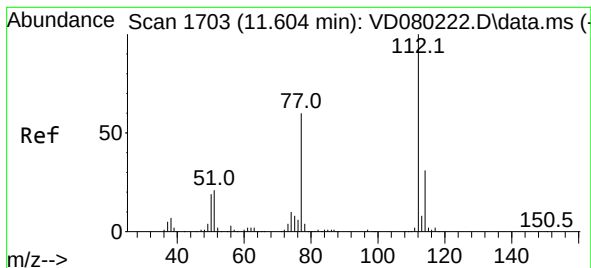
Tgt Ion:117 Resp: 209729
Ion Ratio Lower Upper
117 100
82 56.1 45.0 67.6
119 30.8 24.3 36.5



#64
Tetrachloroethene
Concen: 107.551 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion:164 Resp: 157571
Ion Ratio Lower Upper
164 100
166 127.4 99.4 149.2
129 91.6 76.3 114.5
131 87.7 71.8 107.6





#65

Chlorobenzene

Concen: 101.799 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.005 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

Instrument :

MSVOA_D

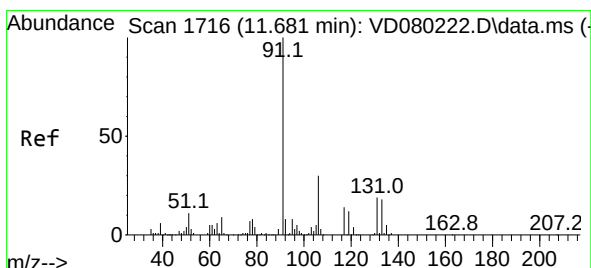
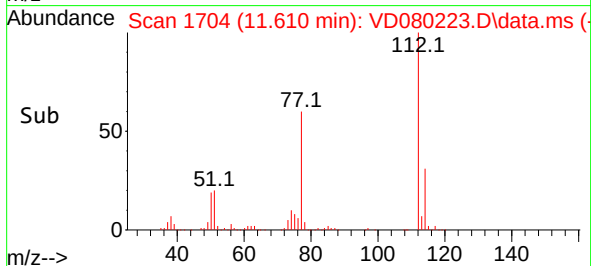
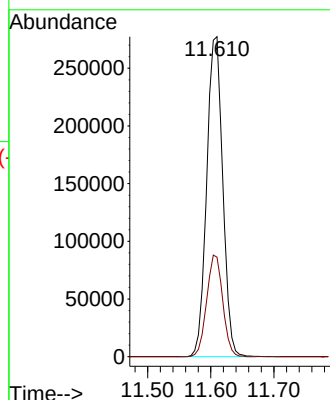
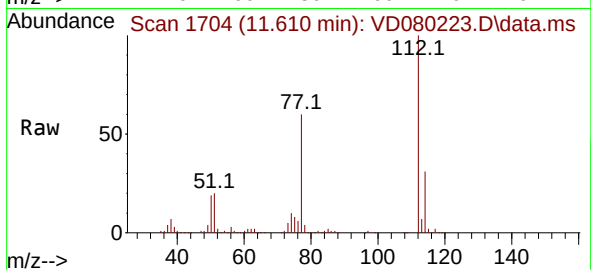
ClientSampleId :

Tgt Ion:112 Resp: 489394

Ion Ratio Lower Upper

112 100

114 31.1 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 97.229 ug/l

RT: 11.680 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

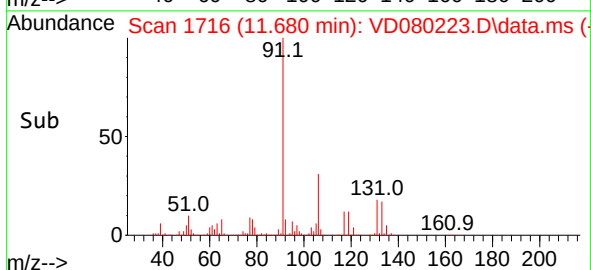
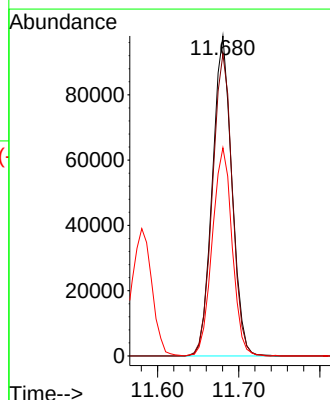
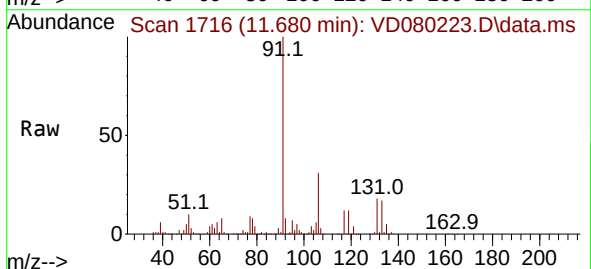
Tgt Ion:131 Resp: 163519

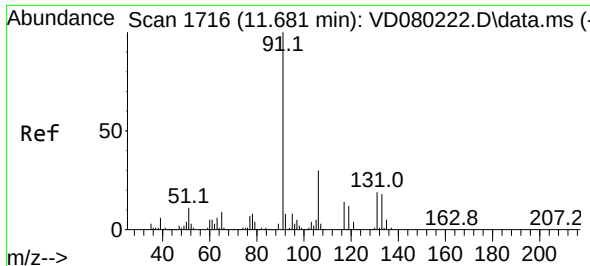
Ion Ratio Lower Upper

131 100

133 96.2 45.9 137.7

119 66.4 33.9 101.6

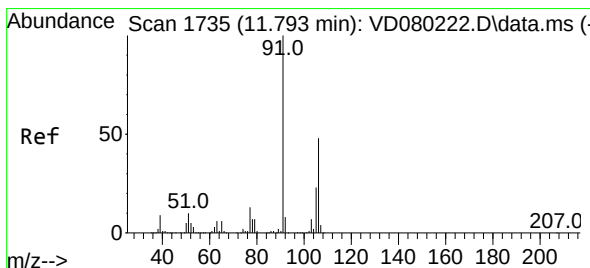
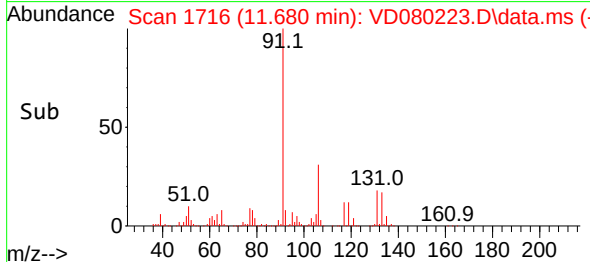
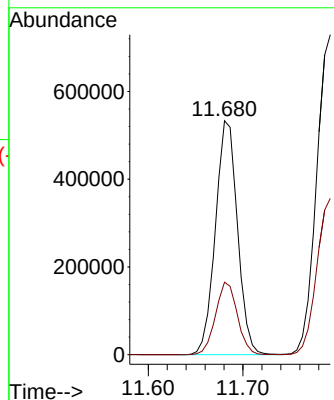
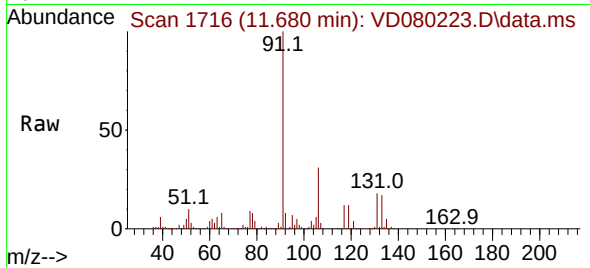




#67
Ethyl Benzene
Concen: 108.048 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

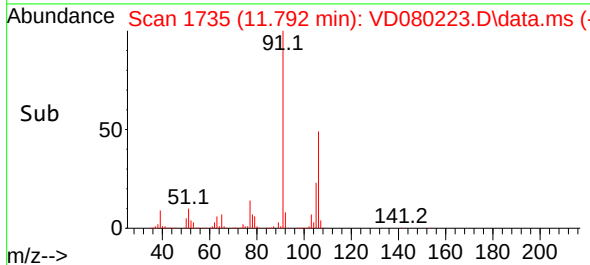
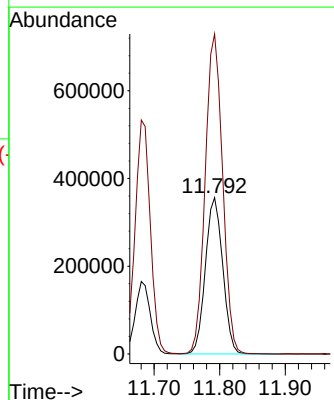
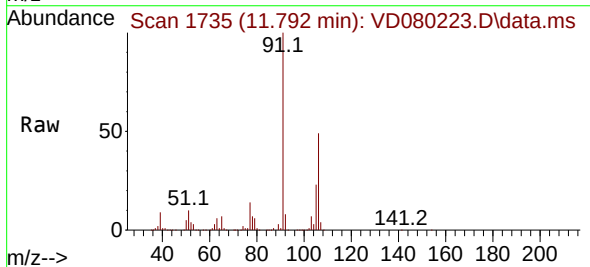
Instrument :
MSVOA_D
ClientSampleId :

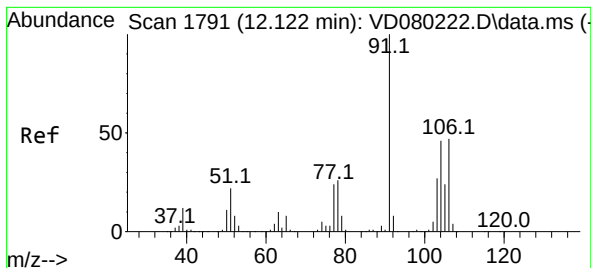
Tgt Ion: 91 Resp: 864077
Ion Ratio Lower Upper
91 100
106 31.0 23.9 35.9



#68
m/p-Xylenes
Concen: 211.218 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion:106 Resp: 655759
Ion Ratio Lower Upper
106 100
91 205.4 165.8 248.8

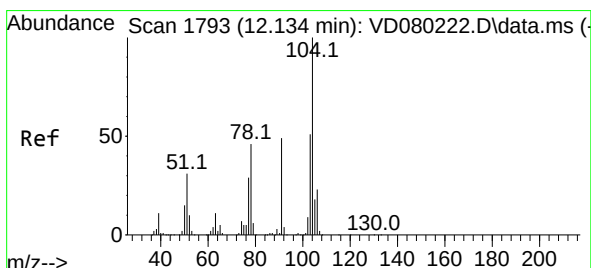
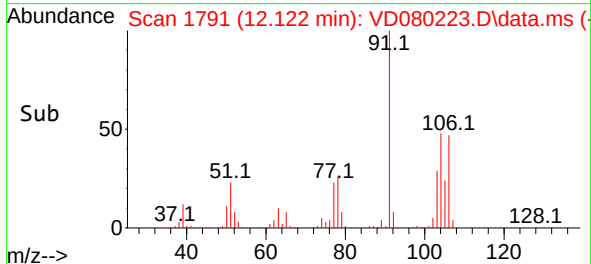
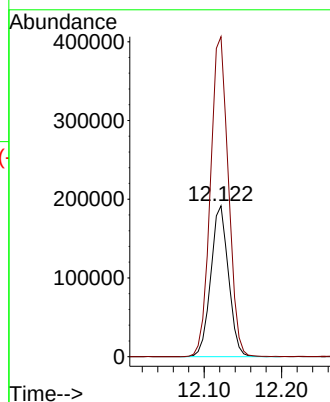
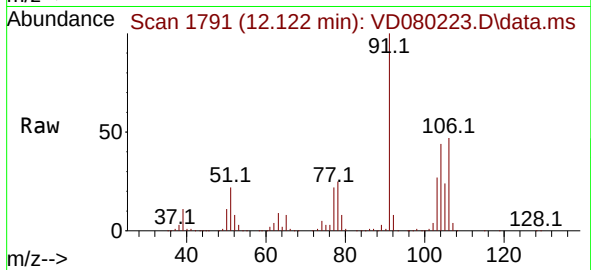




#69
o-Xylene
Concen: 107.008 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

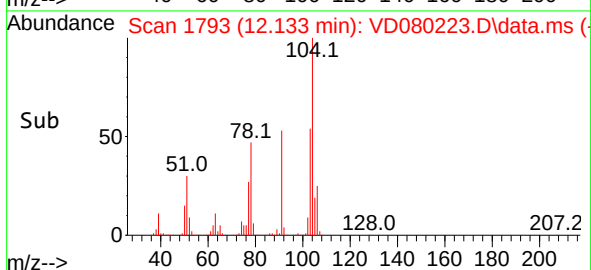
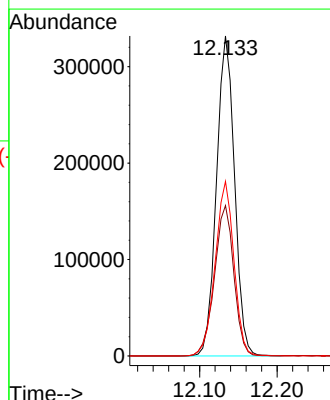
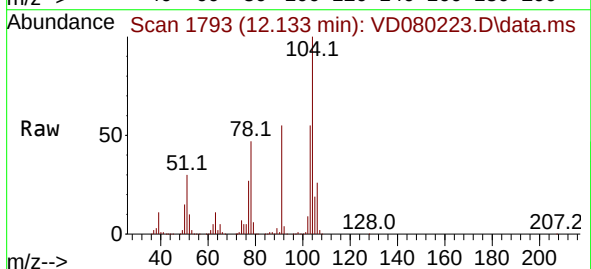
Instrument :
MSVOA_D
ClientSampleId :

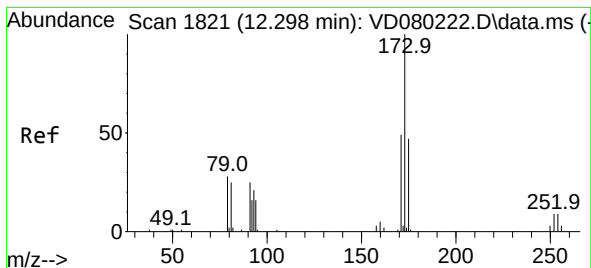
Tgt Ion:106 Resp: 302955
Ion Ratio Lower Upper
106 100
91 215.8 107.7 323.3



#70
Styrene
Concen: 106.732 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion:104 Resp: 537877
Ion Ratio Lower Upper
104 100
78 50.5 40.7 61.1
103 56.8 45.0 67.4





#71

Bromoform

Concen: 94.356 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD080223.D

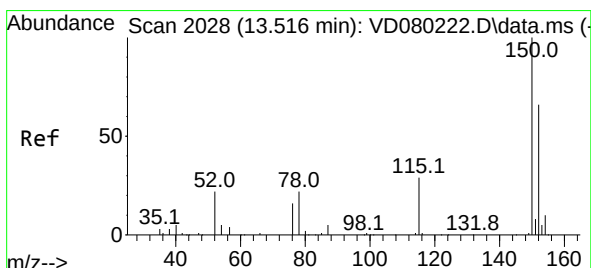
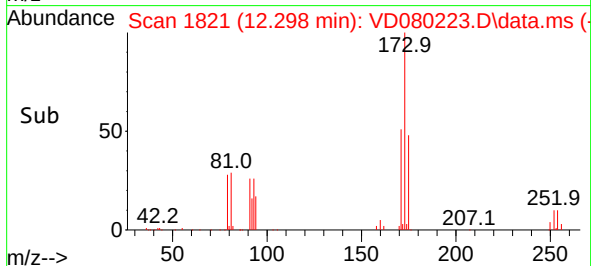
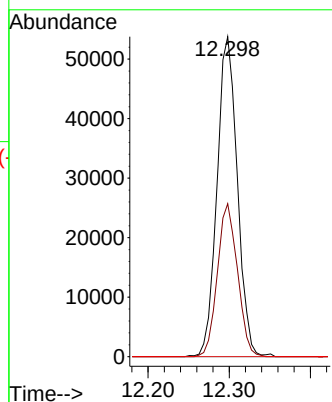
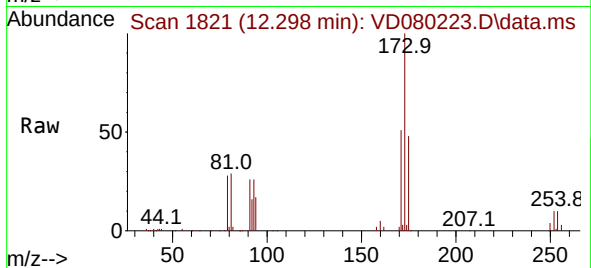
Acq: 03 Feb 2025 12:15

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	93545
Ion Ratio	Lower	Upper
173	100	
175	47.2	23.4 70.0
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

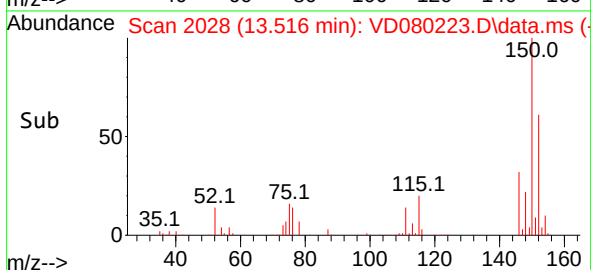
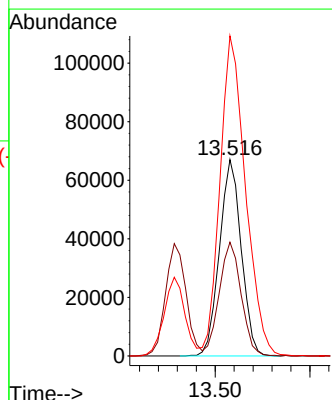
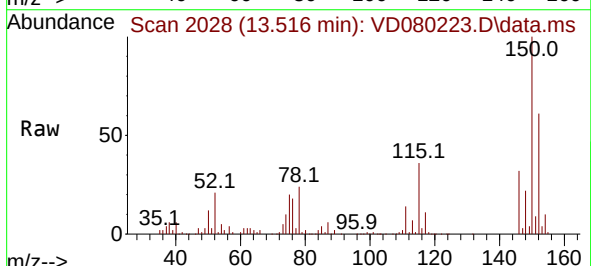
RT: 13.516 min Scan# 2028

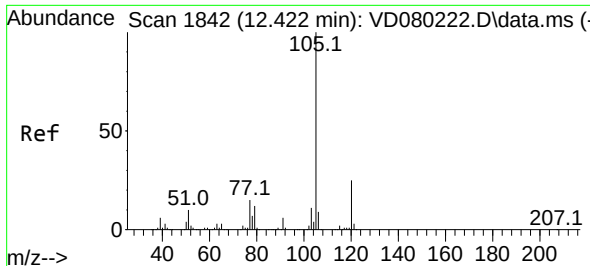
Delta R.T. -0.000 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

Tgt Ion:152	Resp:	107070
Ion Ratio	Lower	Upper
152	100	
115	58.4	30.0 90.1
150	191.6	0.0 350.4

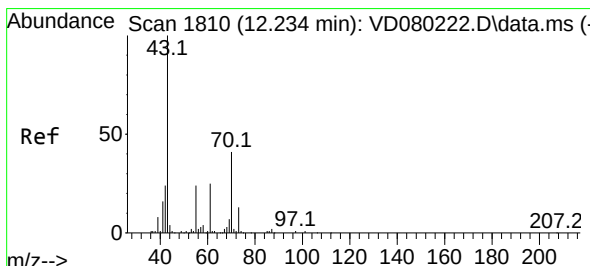
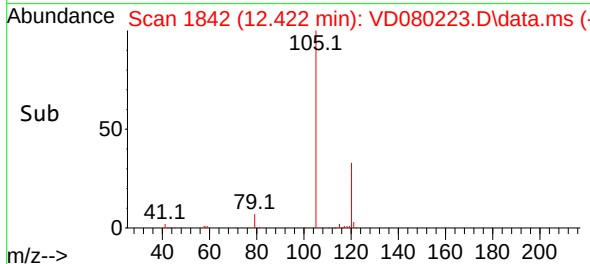
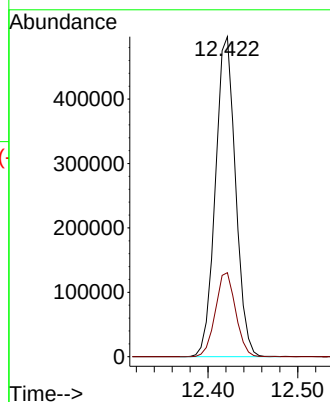
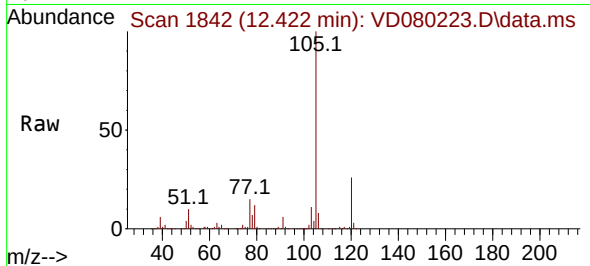




#73
Isopropylbenzene
Concen: 106.797 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

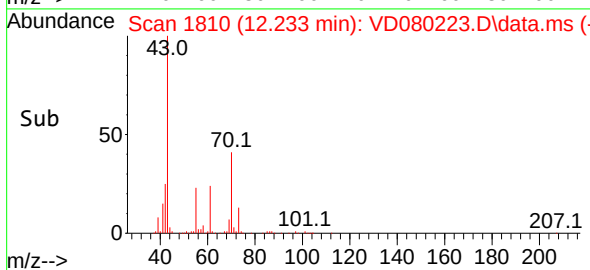
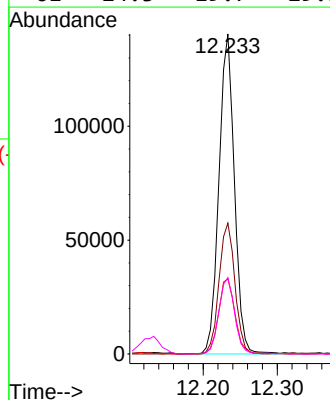
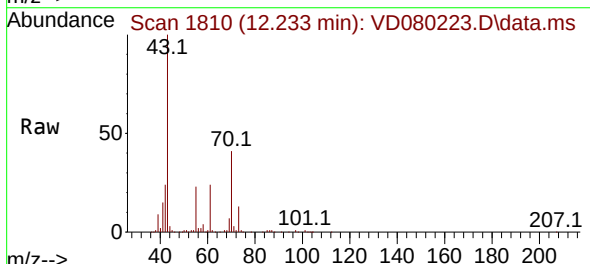
Instrument :
MSVOA_D
ClientSampleId :

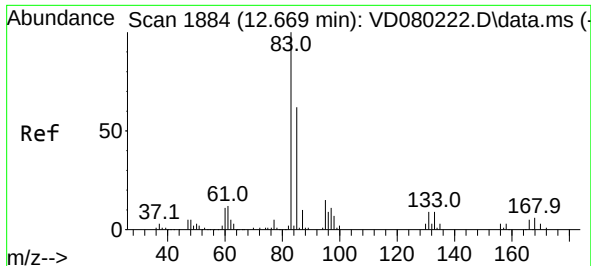
Tgt Ion:105 Resp: 773437
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6



#74
N-ethyl acetate
Concen: 107.166 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion: 43 Resp: 204012
Ion Ratio Lower Upper
43 100
70 42.1 33.6 50.4
55 24.8 21.4 32.0
61 24.3 19.7 29.5

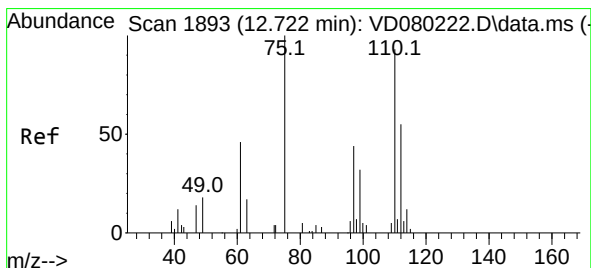
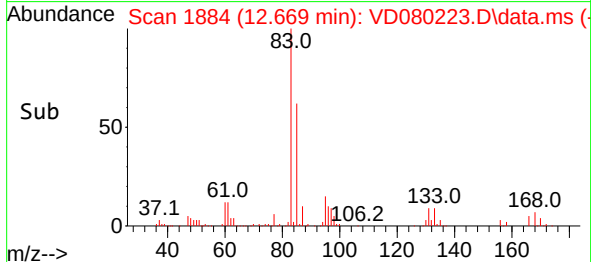
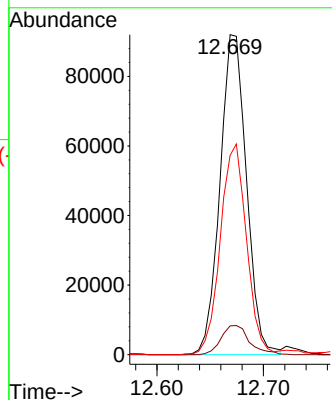
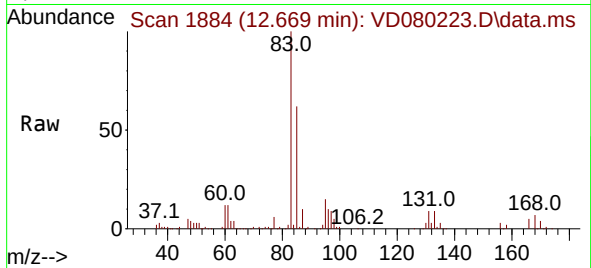




#75
 1,1,2,2-Tetrachloroethane
 Concen: 105.473 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. -0.000 min
 Lab File: VD080223.D
 Acq: 03 Feb 2025 12:15

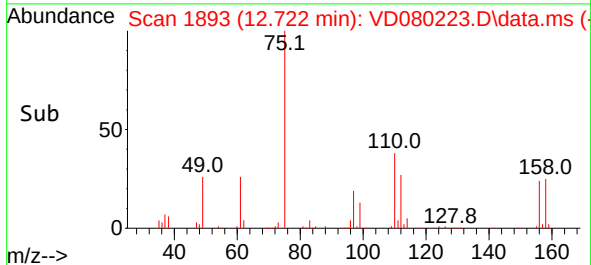
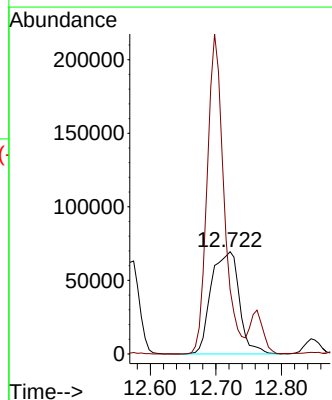
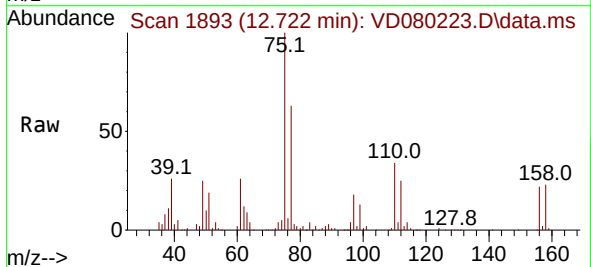
Instrument :
 MSVOA_D
 ClientSampleId :

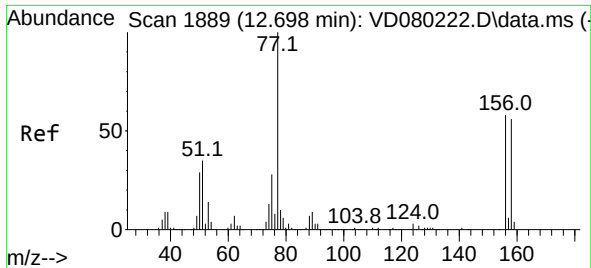
Tgt Ion: 83 Resp: 158949
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.9 14.6
 85 65.2 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 190.544 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD080223.D
 Acq: 03 Feb 2025 12:15

Tgt Ion: 75 Resp: 206359
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

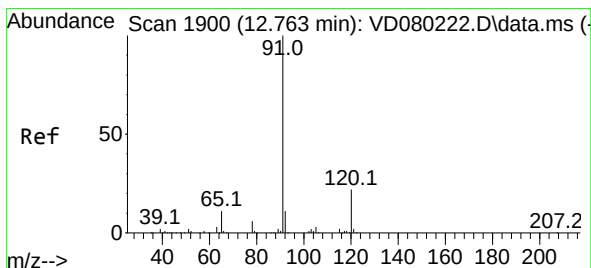
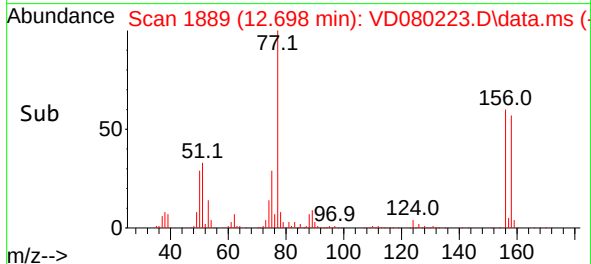
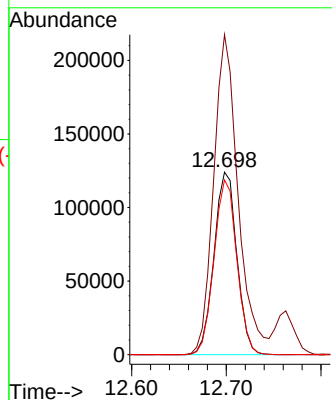
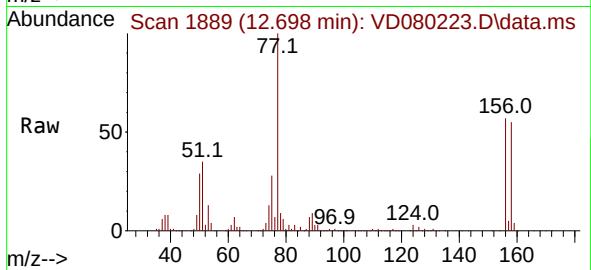




#77
Bromobenzene
Concen: 111.371 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

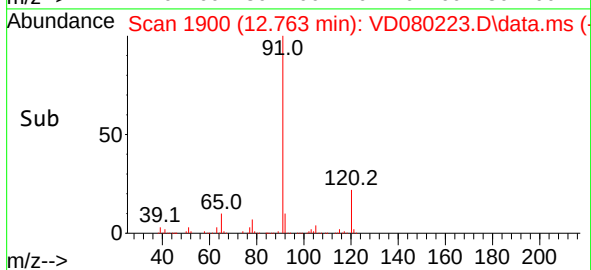
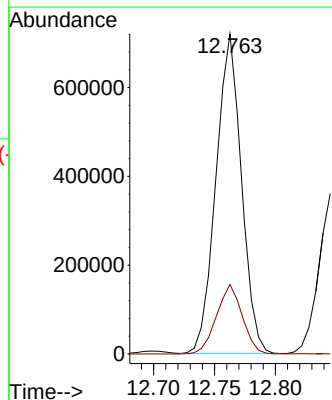
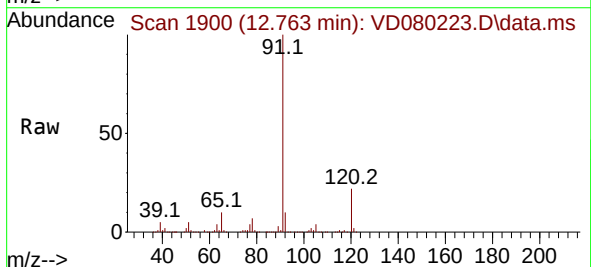
Instrument :
MSVOA_D
ClientSampleId :

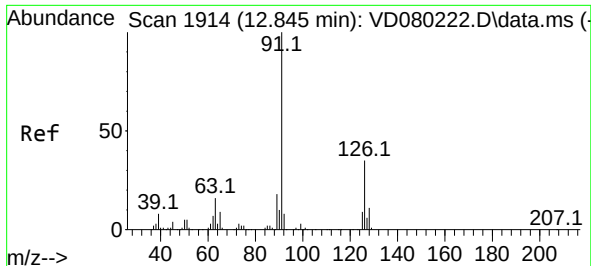
Tgt Ion:156 Resp: 208048
Ion Ratio Lower Upper
156 100
77 187.8 95.2 285.4
158 95.5 47.8 143.3



#78
n-propylbenzene
Concen: 113.791 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion: 91 Resp: 1049231
Ion Ratio Lower Upper
91 100
120 21.9 11.0 33.0

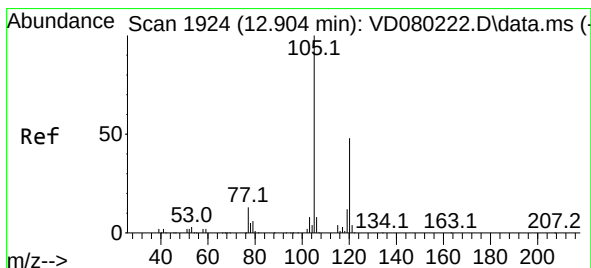
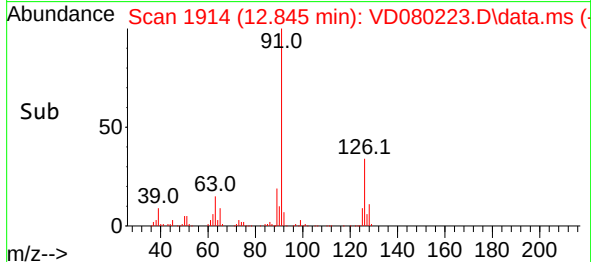
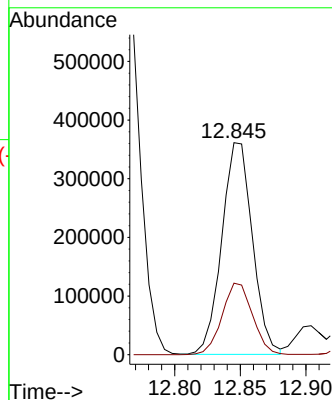
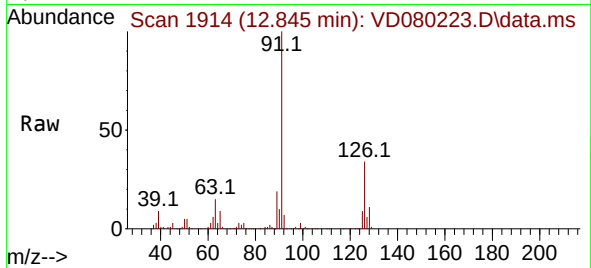




#79
2-Chlorotoluene
Concen: 112.236 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

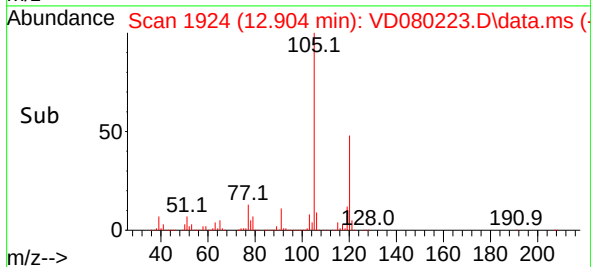
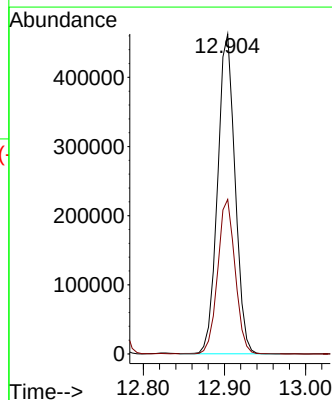
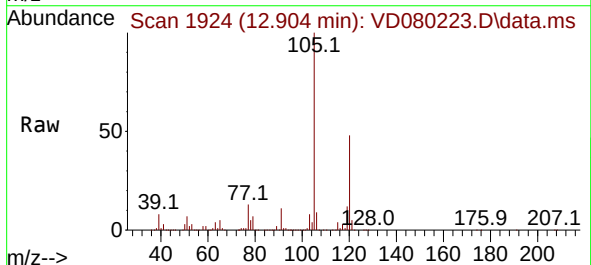
Instrument :
MSVOA_D
ClientSampleId :

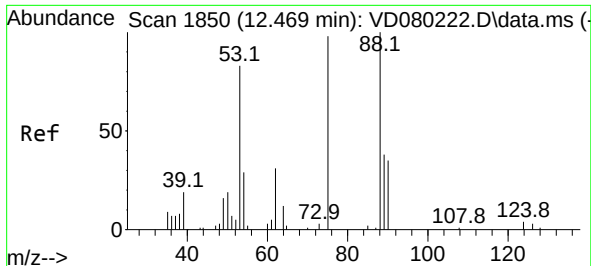
Tgt Ion: 91 Resp: 587930
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 114.042 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion: 105 Resp: 690712
Ion Ratio Lower Upper
105 100
120 48.4 23.5 70.5

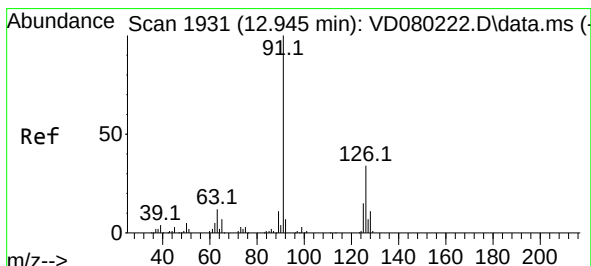
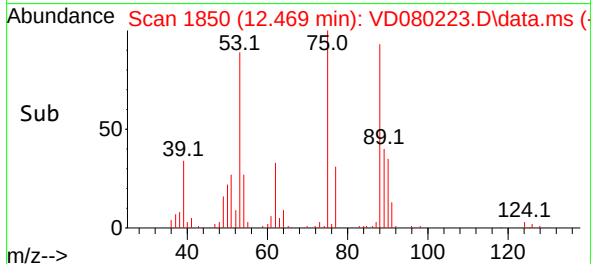
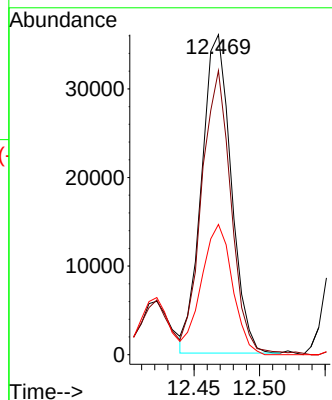
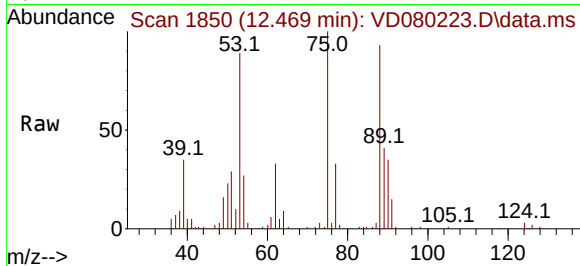




#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.365 ug/l
 RT: 12.469 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VD080223.D
 Acq: 03 Feb 2025 12:15

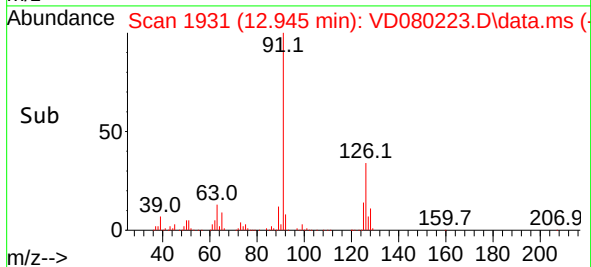
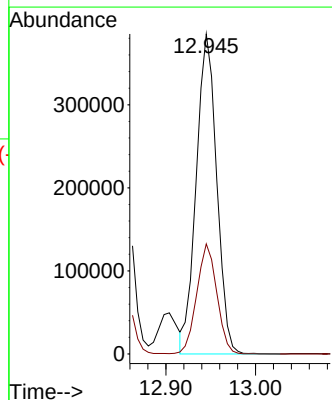
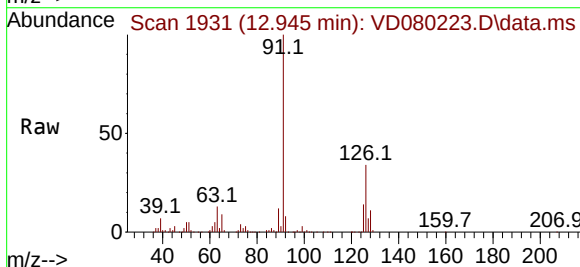
Instrument :
 MSVOA_D
 ClientSampleId :

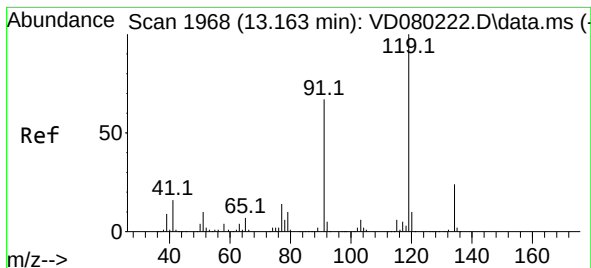
Tgt Ion: 75 Resp: 56335
 Ion Ratio Lower Upper
 75 100
 53 89.2 69.1 103.7
 89 43.1 36.5 54.7



#82
 4-Chlorotoluene
 Concen: 109.531 ug/l
 RT: 12.945 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: VD080223.D
 Acq: 03 Feb 2025 12:15

Tgt Ion: 91 Resp: 609732
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.9 50.6





#83

tert-Butylbenzene

Concen: 114.527 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

Instrument :

MSVOA_D

ClientSampleId :

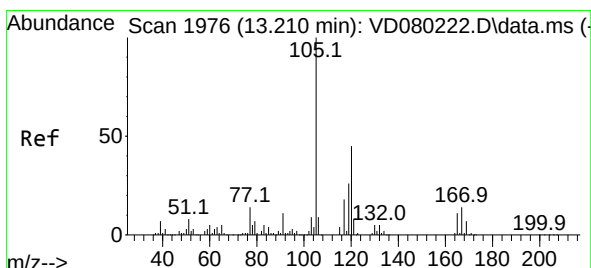
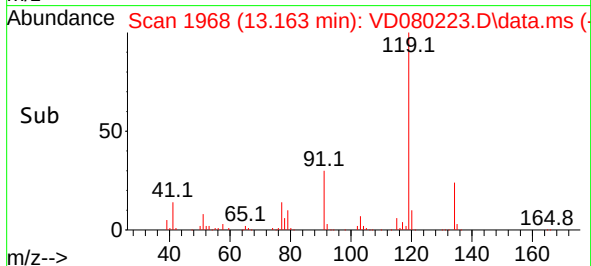
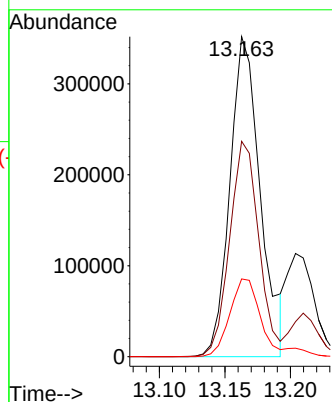
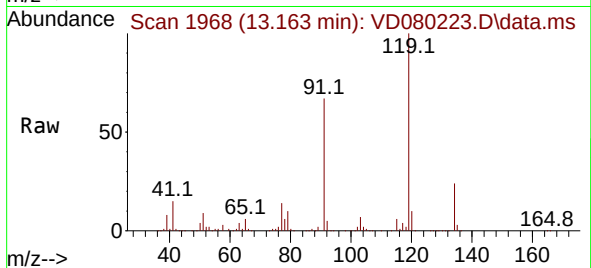
Tgt Ion:119 Resp: 567074

Ion Ratio Lower Upper

119 100

91 64.9 34.5 103.5

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 110.973 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD080223.D

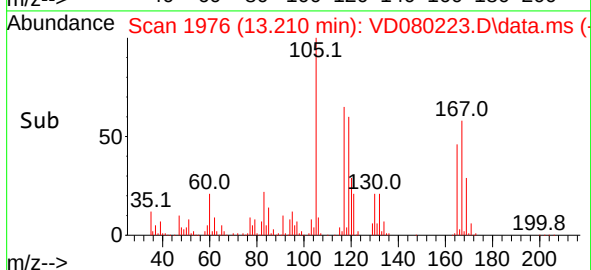
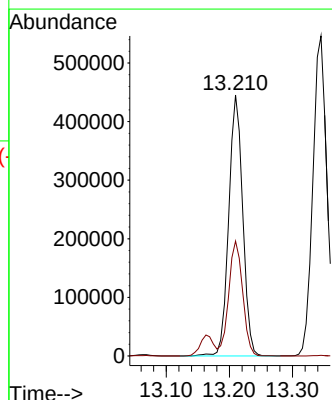
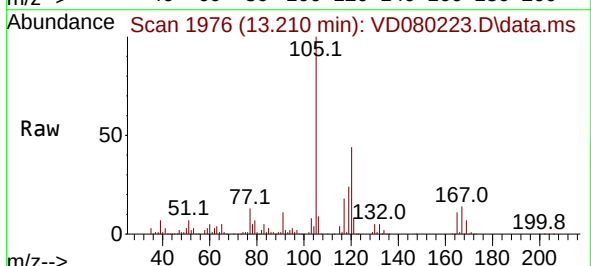
Acq: 03 Feb 2025 12:15

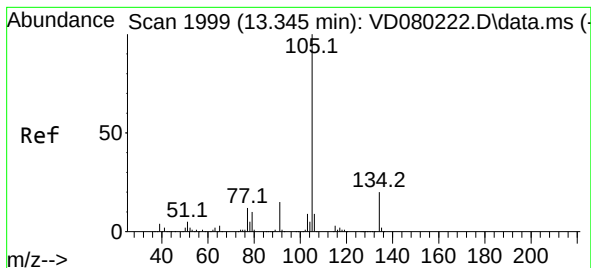
Tgt Ion:105 Resp: 684126

Ion Ratio Lower Upper

105 100

120 44.1 22.1 66.5





#85

sec-Butylbenzene

Concen: 111.199 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

Instrument :

MSVOA_D

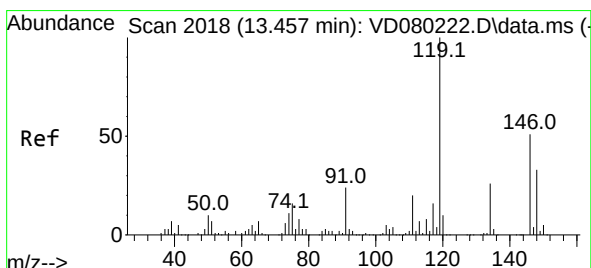
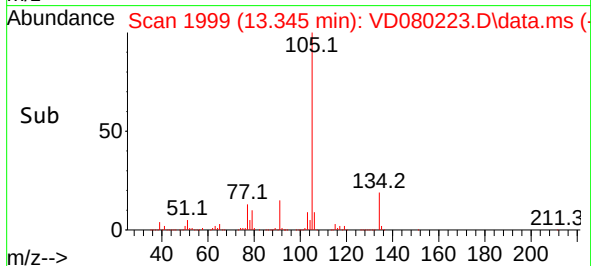
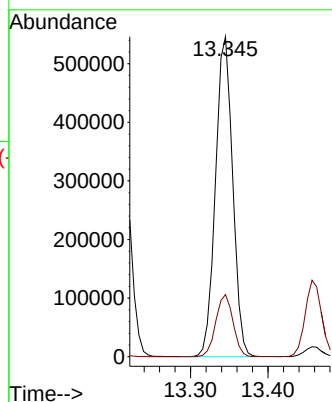
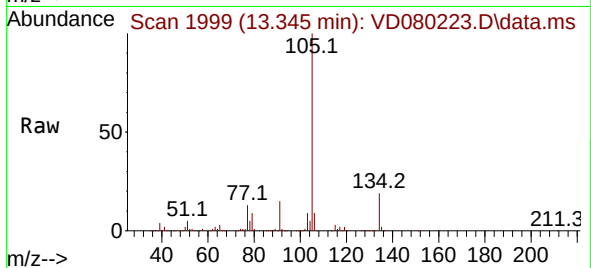
ClientSampleId :

Tgt Ion:105 Resp: 841852

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.4



#86

p-Isopropyltoluene

Concen: 113.871 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

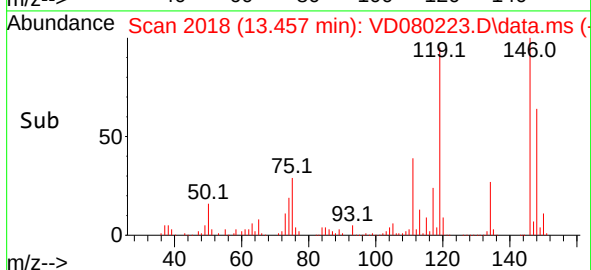
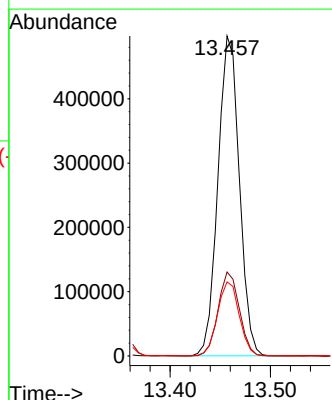
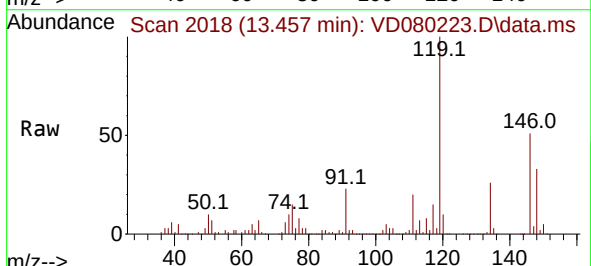
Tgt Ion:119 Resp: 736112

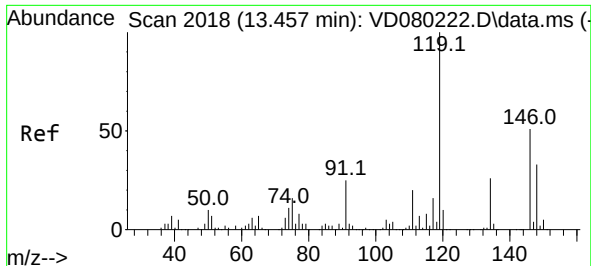
Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.9

91 23.5 12.4 37.2

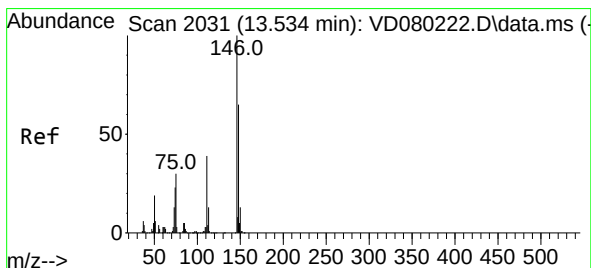
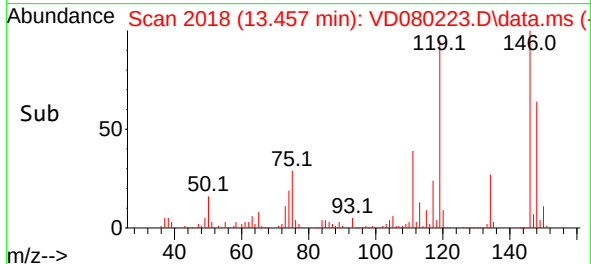
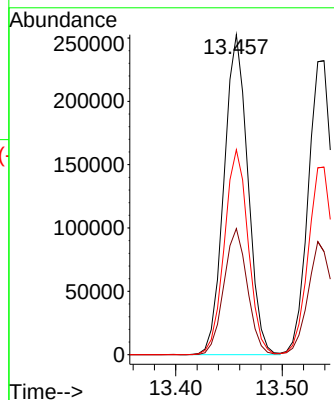
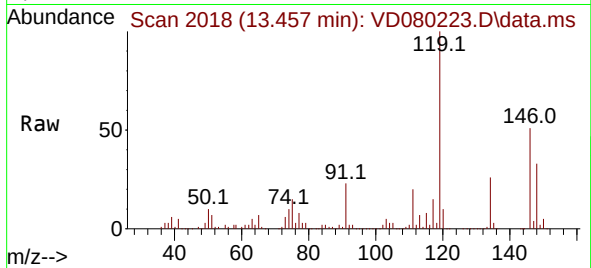




#87
 1,3-Dichlorobenzene
 Concen: 106.594 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD080223.D
 Acq: 03 Feb 2025 12:15

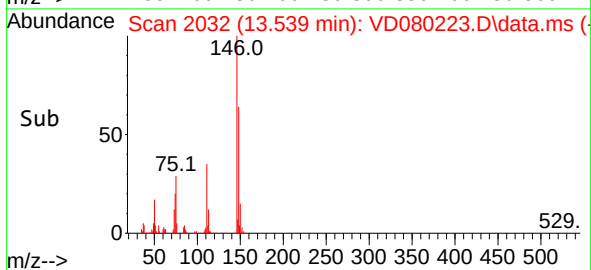
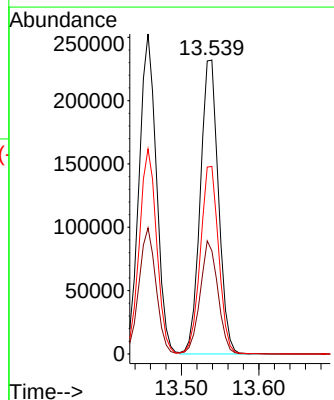
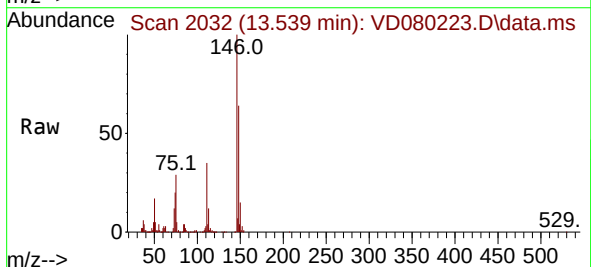
Instrument :
 MSVOA_D
 ClientSampleId :

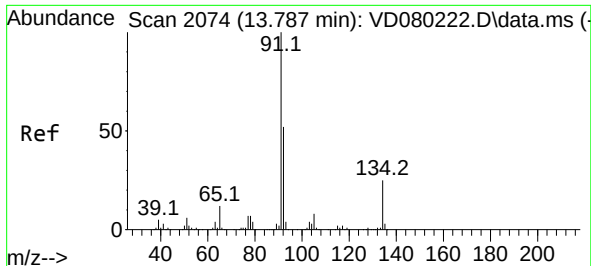
Tgt Ion:146 Resp: 392200
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.5 61.6
 148 64.0 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 101.420 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.005 min
 Lab File: VD080223.D
 Acq: 03 Feb 2025 12:15

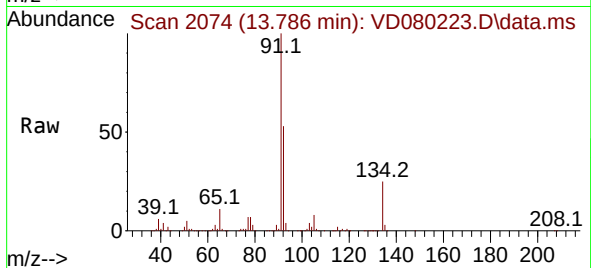
Tgt Ion:146 Resp: 377690
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.7 59.0
 148 64.4 32.3 96.8



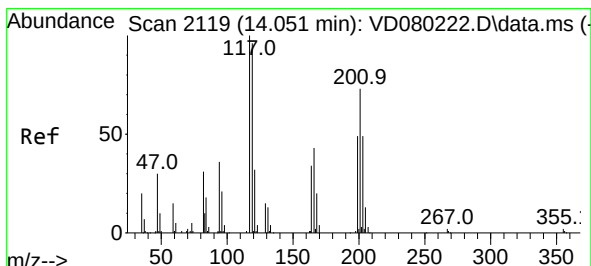
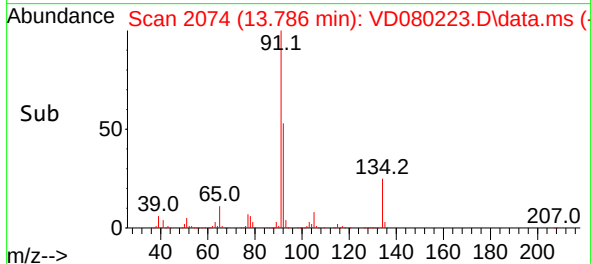
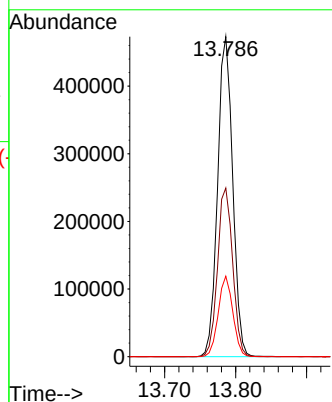


#89
n-Butylbenzene
Concen: 110.617 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Instrument :
MSVOA_D
ClientSampleId :

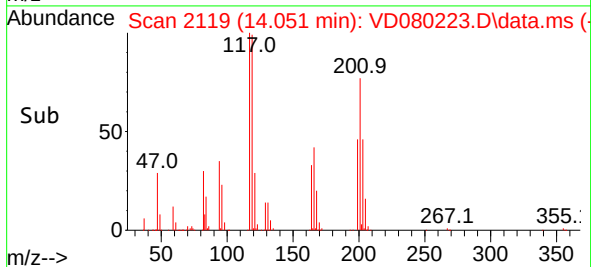
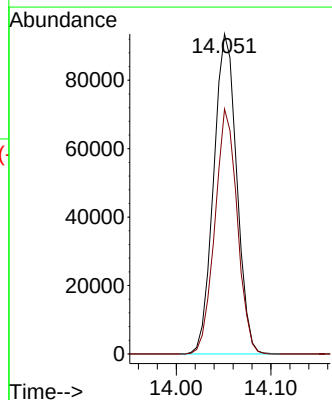
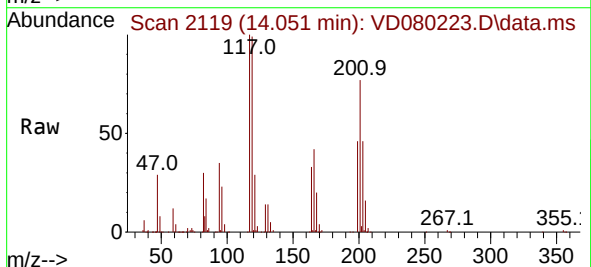


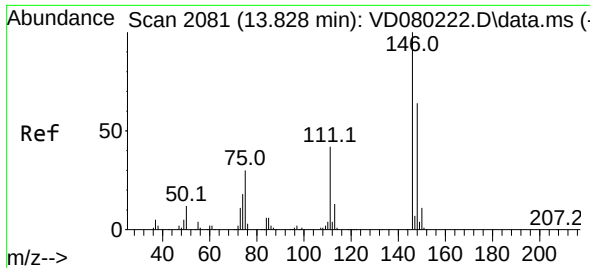
Tgt Ion: 91 Resp: 694879
Ion Ratio Lower Upper
91 100
92 52.9 26.1 78.2
134 24.3 12.4 37.0



#90
Hexachloroethane
Concen: 110.357 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion: 117 Resp: 158551
Ion Ratio Lower Upper
117 100
201 74.1 36.0 108.0

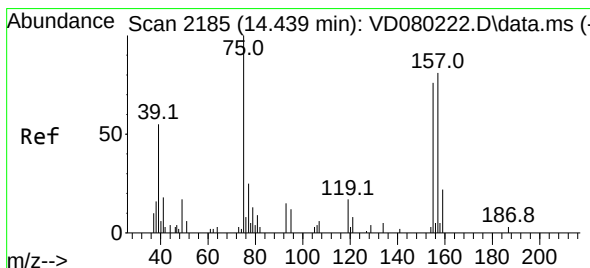
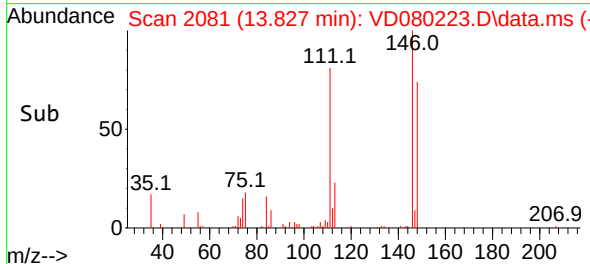
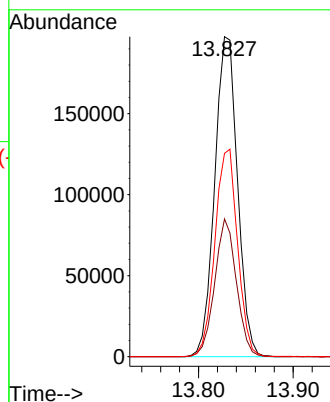
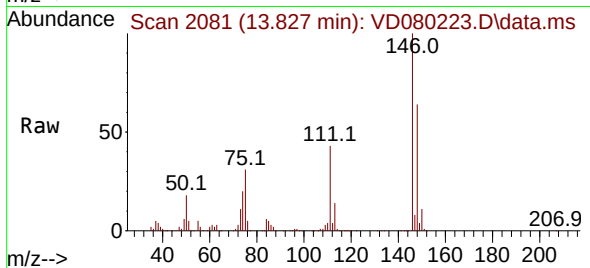




#91
1,2-Dichlorobenzene
Concen: 102.190 ug/l
RT: 13.827 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

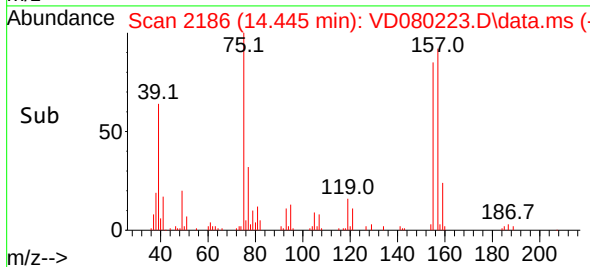
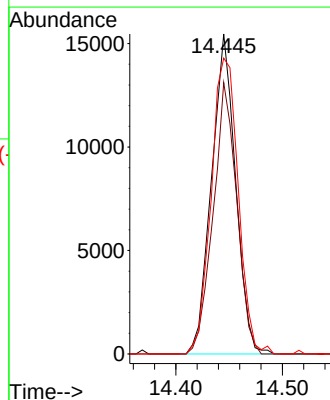
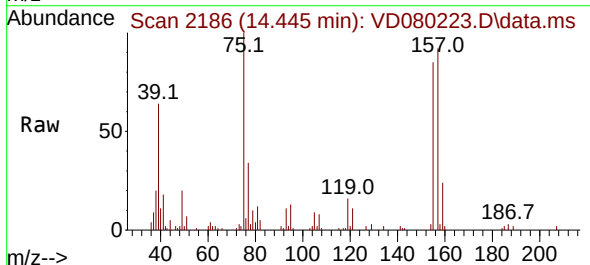
Instrument :
MSVOA_D
ClientSampleId :

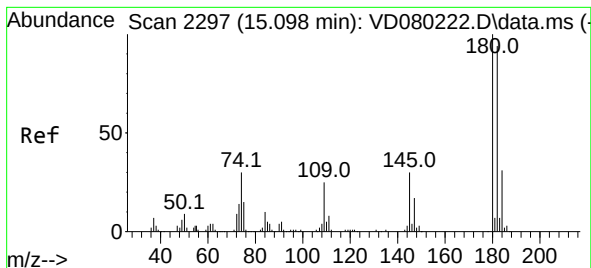
Tgt Ion:146 Resp: 331306
Ion Ratio Lower Upper
146 100
111 40.9 21.0 63.0
148 64.4 32.5 97.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 101.087 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.005 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion: 75 Resp: 24237
Ion Ratio Lower Upper
75 100
155 83.2 41.5 124.6
157 103.9 50.5 151.5





#93

1,2,4-Trichlorobenzene

Concen: 109.299 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

Instrument :

MSVOA_D

ClientSampleId :

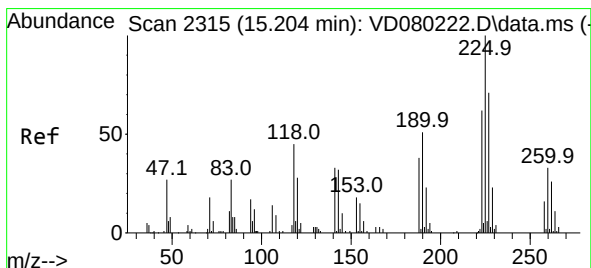
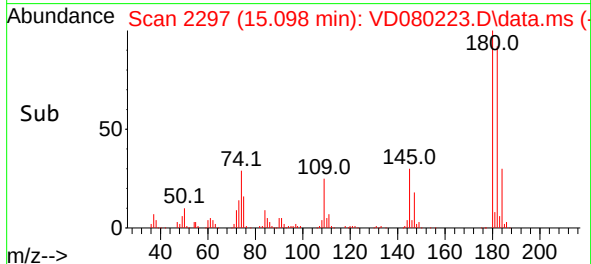
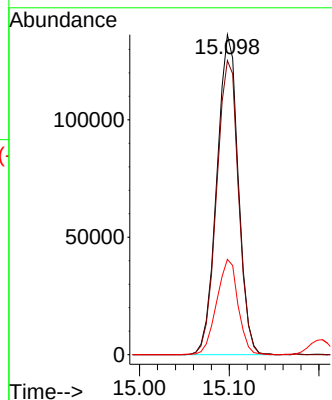
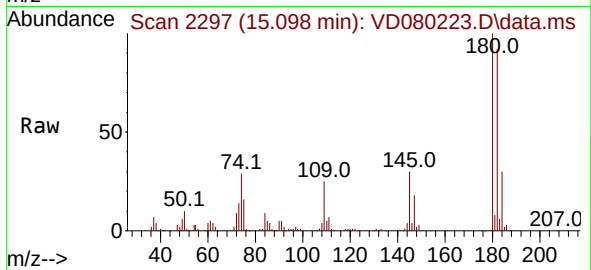
Tgt Ion:180 Resp: 225879

Ion Ratio Lower Upper

180 100

182 93.9 47.5 142.5

145 29.7 14.6 44.0



#94

Hexachlorobutadiene

Concen: 105.184 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD080223.D

Acq: 03 Feb 2025 12:15

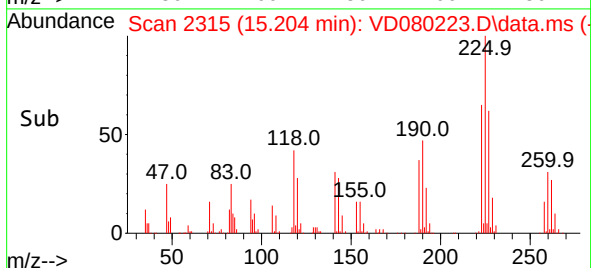
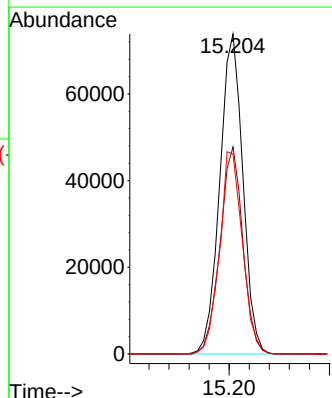
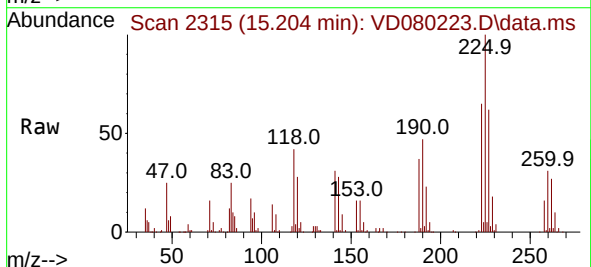
Tgt Ion:225 Resp: 117727

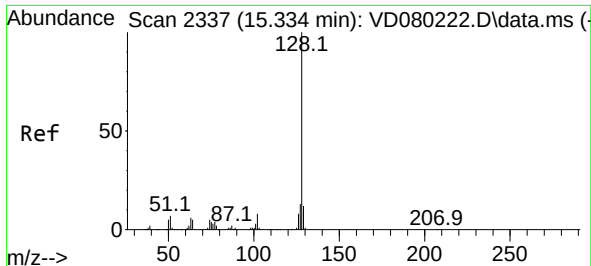
Ion Ratio Lower Upper

225 100

223 63.8 31.3 93.8

227 62.8 32.4 97.2

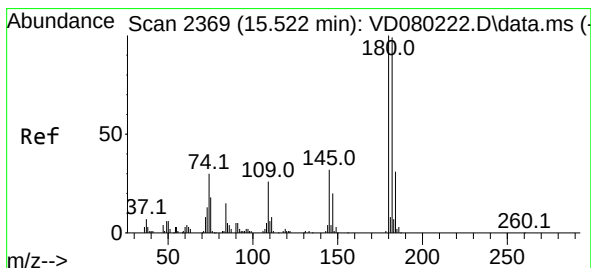
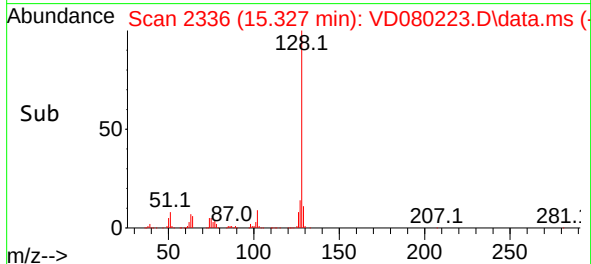
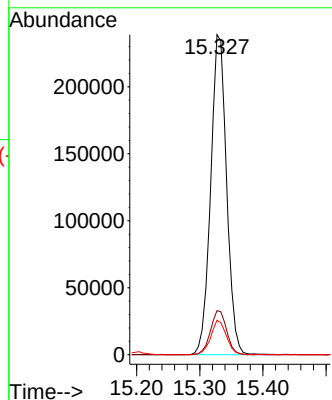
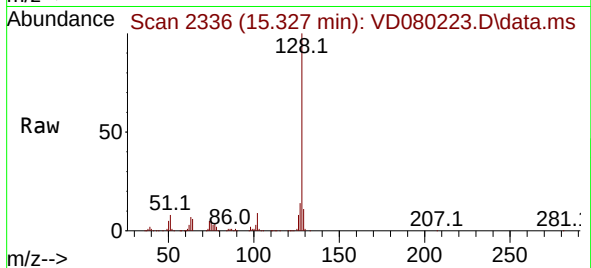




#95
Naphthalene
Concen: 97.719 ug/l
RT: 15.327 min Scan# 2336
Delta R.T. -0.007 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 417802
Ion Ratio Lower Upper
128 100
127 13.7 10.6 15.8
129 10.8 9.4 14.0



#96
1,2,3-Trichlorobenzene
Concen: 105.099 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD080223.D
Acq: 03 Feb 2025 12:15

Tgt Ion:180 Resp: 196011
Ion Ratio Lower Upper
180 100
182 93.6 47.3 142.0
145 31.4 15.6 46.7

