

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020325\
 Data File : VD080224.D
 Acq On : 03 Feb 2025 12:42
 Operator : RP/MD
 Sample : VSTDIC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 04 05:34:56 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	141977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	256601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	219575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	290163	157.113	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 314.220%#	
35) Dibromofluoromethane	7.810	113	245443	134.962	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 269.920%#	
50) Toluene-d8	10.269	98	926189	137.332	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 274.660%#	
62) 4-Bromofluorobenzene	12.575	95	330097	152.544	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 305.080%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	211536	156.601	ug/l	100
3) Chloromethane	2.152	50	410099	138.663	ug/l	100
4) Vinyl Chloride	2.281	62	519575	145.216	ug/l	98
5) Bromomethane	2.669	94	364126	151.597	ug/l	99
6) Chloroethane	2.828	64	342999	143.930	ug/l	95
7) Trichlorofluoromethane	3.169	101	423949	142.981	ug/l	100
8) Diethyl Ether	3.593	74	138601	170.868	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	240755	140.271	ug/l	99
10) Methyl Iodide	4.163	142	286814	150.330	ug/l	98
11) Tert butyl alcohol	5.069	59	79091	775.275	ug/l #	94
12) 1,1-Dichloroethene	3.940	96	250517	154.084	ug/l	97
13) Acrolein	3.799	56	161460	839.390	ug/l	98
14) Allyl chloride	4.563	41	425481	169.814	ug/l	98
15) Acrylonitrile	5.258	53	321564	825.127	ug/l	99
16) Acetone	4.028	43	215038	722.471	ug/l	91
17) Carbon Disulfide	4.269	76	846261	144.319	ug/l	100
18) Methyl Acetate	4.569	43	165786	165.076	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	660907	184.640	ug/l	98
20) Methylene Chloride	4.805	84	289967	143.561	ug/l	99
21) trans-1,2-Dichloroethene	5.310	96	298146	161.416	ug/l	96
22) Diisopropyl ether	6.222	45	885898	169.895	ug/l	98
23) Vinyl Acetate	6.157	43	2682586	891.099	ug/l	100
24) 1,1-Dichloroethane	6.116	63	519419	151.956	ug/l	98
25) 2-Butanone	7.087	43	419323	908.281	ug/l	99
26) 2,2-Dichloropropane	7.081	77	467037	157.530	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	359280	172.178	ug/l	98
28) Bromochloromethane	7.434	49	227782	146.026	ug/l #	97
29) Tetrahydrofuran	7.452	42	266705	882.022	ug/l	99
30) Chloroform	7.599	83	520936	149.063	ug/l	97
31) Cyclohexane	7.881	56	417180	152.459	ug/l	98
32) 1,1,1-Trichloroethane	7.799	97	431747	147.666	ug/l	98
36) 1,1-Dichloropropene	8.010	75	360068	138.233	ug/l	99
37) Ethyl Acetate	7.175	43	198701	155.564	ug/l	99
38) Carbon Tetrachloride	7.993	117	358375	131.718	ug/l	96
39) Methylcyclohexane	9.275	83	440784	155.759	ug/l	99
40) Benzene	8.251	78	1265353	154.978	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	107714	152.980	ug/l	95
42) 1,2-Dichloroethane	8.328	62	341308	146.899	ug/l	98
43) Isopropyl Acetate	8.363	43	383324	169.098	ug/l	98
44) Trichloroethene	9.028	130	271200	143.783	ug/l	97
45) 1,2-Dichloropropane	9.304	63	276212	134.498	ug/l	98
46) Dibromomethane	9.393	93	148381	129.686	ug/l	98
47) Bromodichloromethane	9.587	83	380202	131.771	ug/l	97
48) Methyl methacrylate	9.381	41	160837	153.323	ug/l	93
49) 1,4-Dioxane	9.387	88	35837	2879.205	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	850296	741.799	ug/l	98
52) Toluene	10.334	92	691478	144.790	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	367509	149.415	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	427061	142.738	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	207665	139.685	ug/l	95
56) Ethyl methacrylate	10.598	69	277178	163.400	ug/l	100
57) 1,3-Dichloropropane	10.881	76	369015	150.071	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	560691	774.430	ug/l	98
59) 2-Hexanone	10.922	43	633650	842.421	ug/l	100
60) Dibromochloromethane	11.075	129	267844	146.167	ug/l	97
61) 1,2-Dibromoethane	11.181	107	203070	149.984	ug/l	98
64) Tetrachloroethene	10.810	164	227587	148.374	ug/l	100
65) Chlorobenzene	11.604	112	758273	150.656	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	276514	157.044	ug/l	97
67) Ethyl Benzene	11.687	91	1483961	177.240	ug/l	99
68) m/p-Xylenes	11.792	106	1228363	377.910	ug/l	98
69) o-Xylene	12.122	106	574507	193.825	ug/l	98
70) Styrene	12.134	104	1017681	192.886	ug/l	100
71) Bromoform	12.298	173	173637	167.288	ug/l #	97
73) Isopropylbenzene	12.422	105	1429028	188.162	ug/l	99
74) N-amyl acetate	12.234	43	386829	193.766	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	246479	155.963	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	329955	290.525	ug/l #	100
77) Bromobenzene	12.698	156	322107	164.425	ug/l	99
78) n-propylbenzene	12.763	91	1641879	169.799	ug/l	100
79) 2-Chlorotoluene	12.851	91	899200	163.690	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	1076221	169.444	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	98230	176.857	ug/l	98
82) 4-Chlorotoluene	12.945	91	938983	160.848	ug/l	100
83) tert-Butylbenzene	13.163	119	920741	177.322	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	1109644	171.641	ug/l	100
85) sec-Butylbenzene	13.345	105	1353251	170.452	ug/l	100
86) p-Isopropyltoluene	13.457	119	1201930	177.299	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	624688	161.900	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	590540	151.216	ug/l	99
89) n-Butylbenzene	13.786	91	1131823	171.811	ug/l	99
90) Hexachloroethane	14.051	117	227001	150.667	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	526400	154.829	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	36891	146.722	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	397415	183.377	ug/l	99
94) Hexachlorobutadiene	15.204	225	210389	179.248	ug/l	98
95) Naphthalene	15.328	128	795921	150.585	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	369034	188.687	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Feb 04 05:30:02 2025
Response via : Initial Calibration

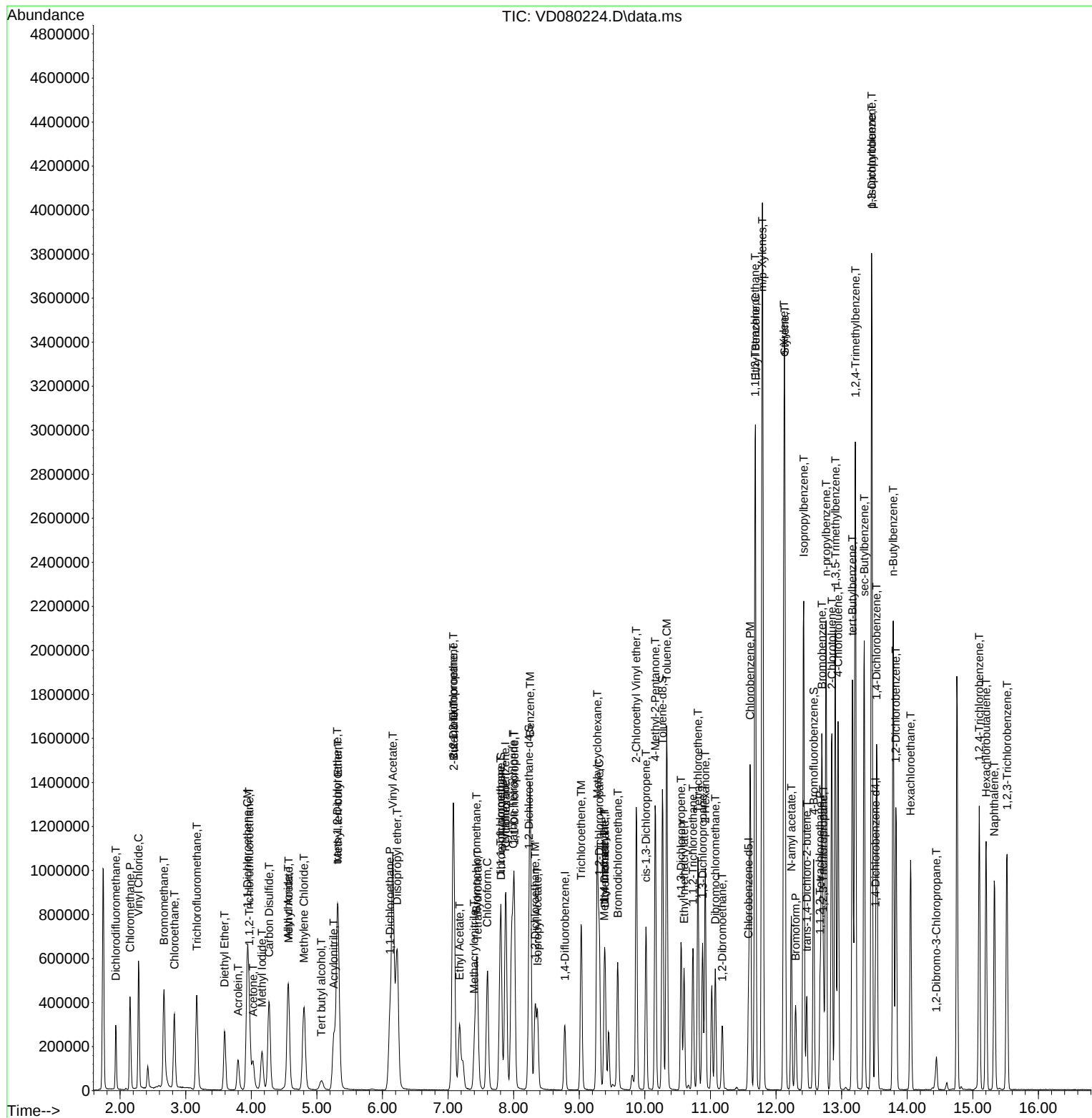
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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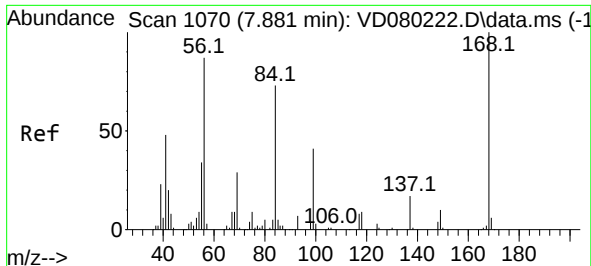
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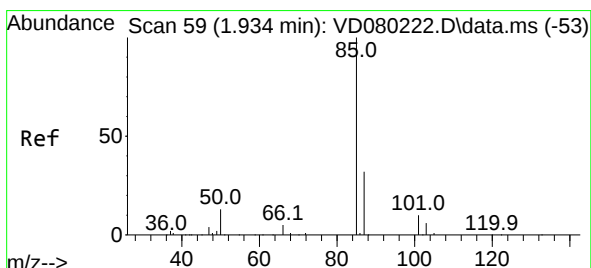
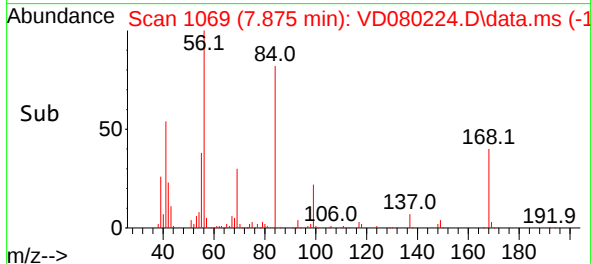
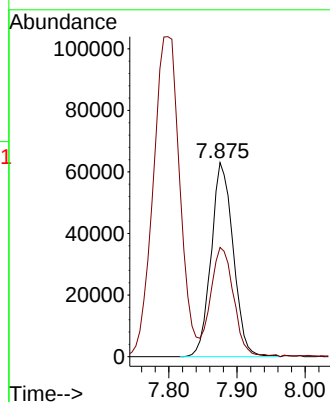
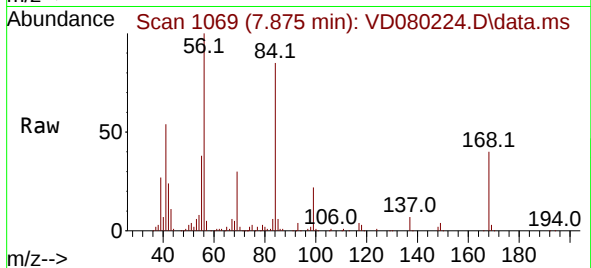




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
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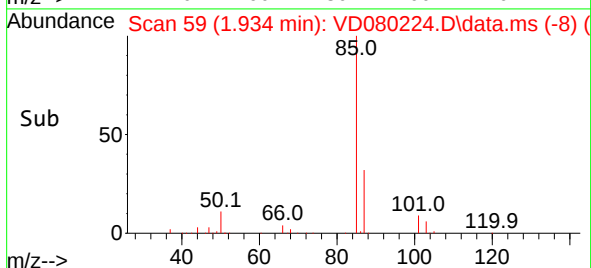
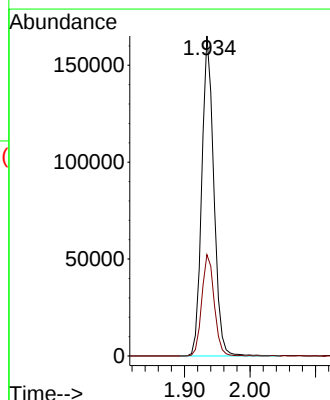
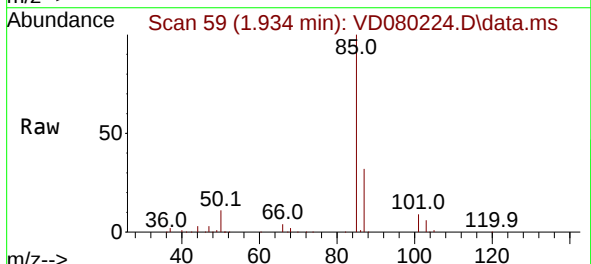
Instrument :
MSVOA_D
ClientSampleId :

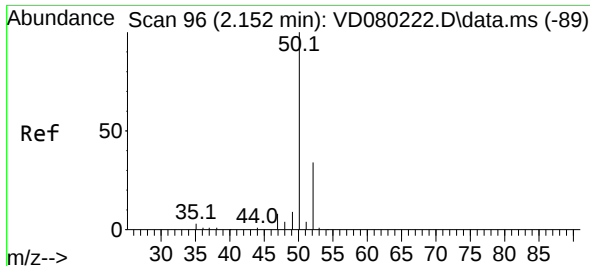
Tgt Ion:168 Resp: 141977
Ion Ratio Lower Upper
168 100
99 56.3 44.4 66.6



#2
Dichlorodifluoromethane
Concen: 156.601 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 85 Resp: 211536
Ion Ratio Lower Upper
85 100
87 31.7 16.0 47.9

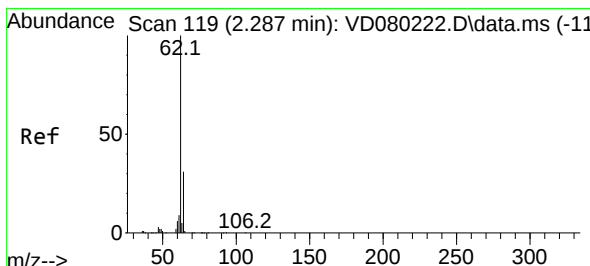
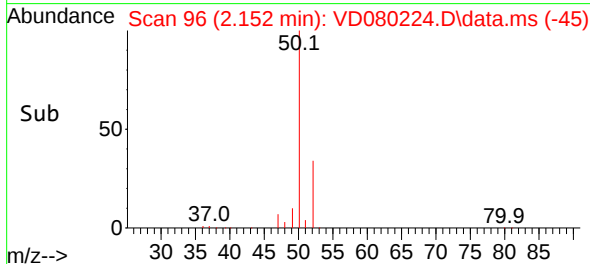
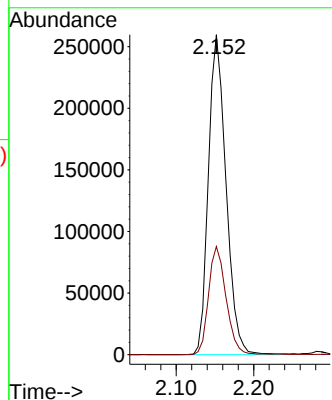
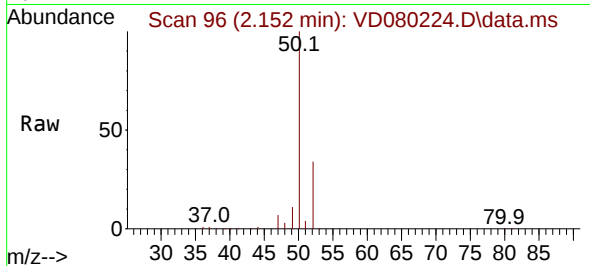




#3
Chloromethane
Concen: 138.663 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

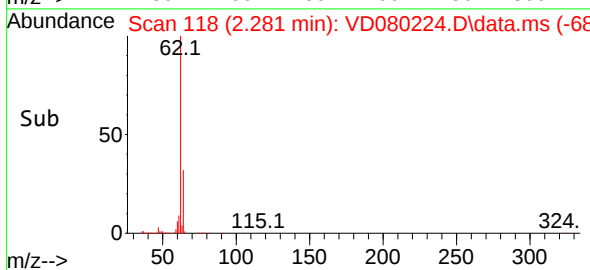
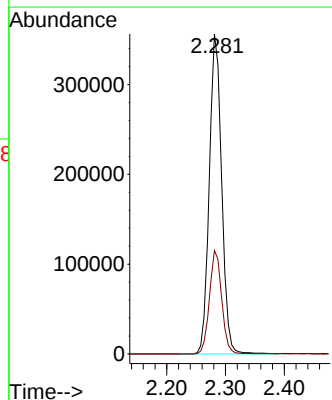
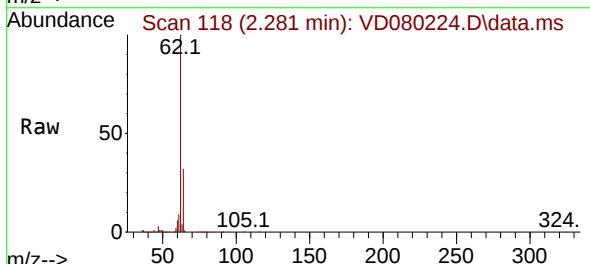
Instrument :
MSVOA_D
ClientSampleId :

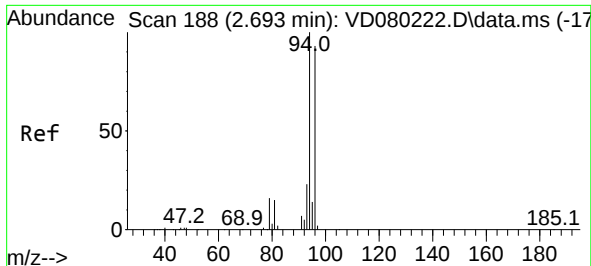
Tgt Ion: 50 Resp: 410099
Ion Ratio Lower Upper
50 100
52 33.8 27.2 40.8



#4
Vinyl Chloride
Concen: 145.216 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

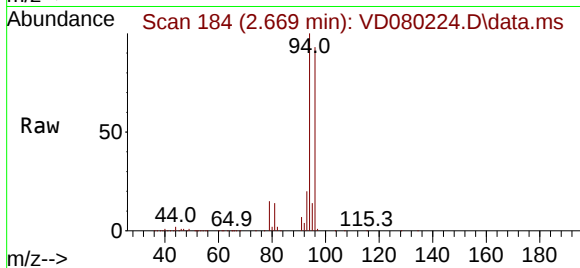
Tgt Ion: 62 Resp: 519575
Ion Ratio Lower Upper
62 100
64 32.4 24.8 37.2



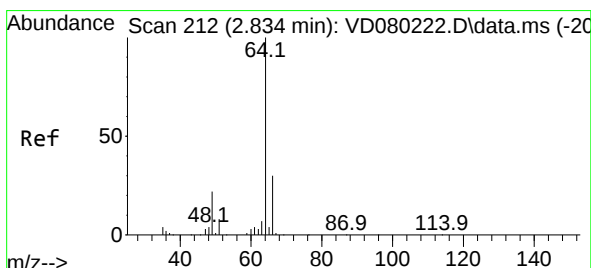
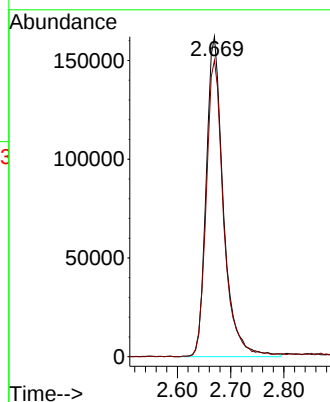
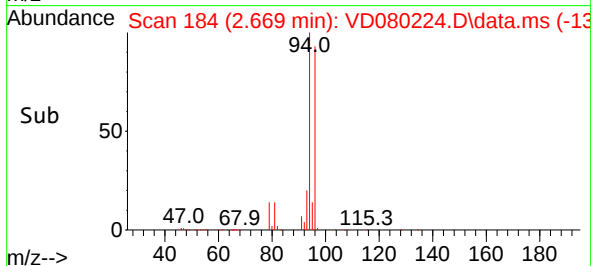


#5
Bromomethane
Concen: 151.597 ug/l
RT: 2.669 min Scan# 184
Delta R.T. -0.024 min
Lab File: VD080224.D
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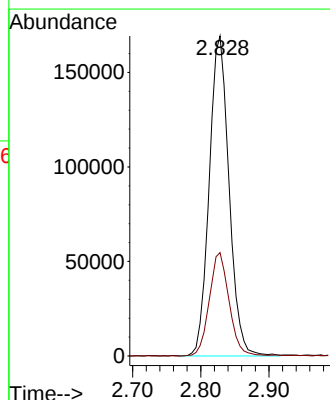
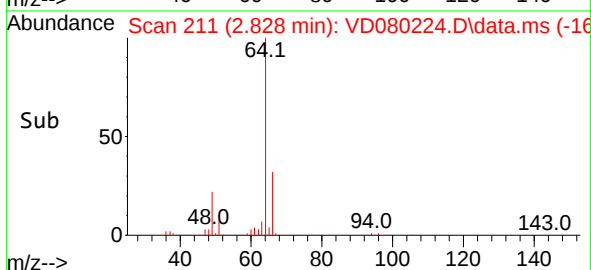
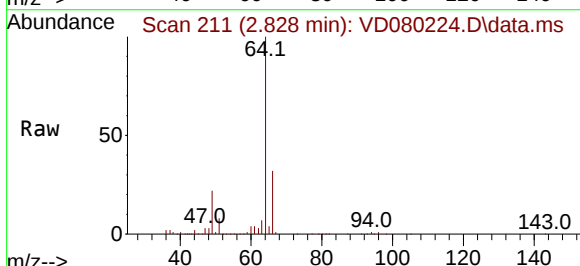


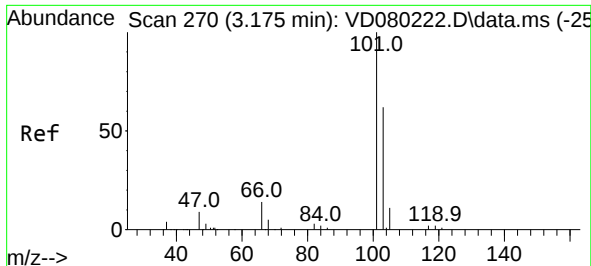
Tgt Ion: 94 Resp: 364126
Ion Ratio Lower Upper
94 100
96 93.9 74.4 111.6



#6
Chloroethane
Concen: 143.930 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 64 Resp: 342999
Ion Ratio Lower Upper
64 100
66 32.4 23.8 35.8

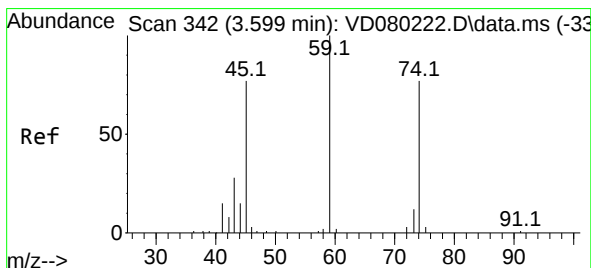
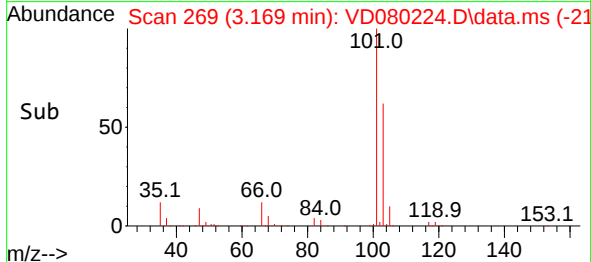
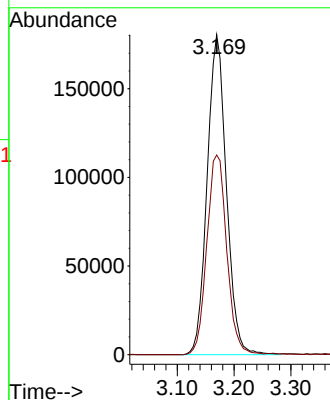
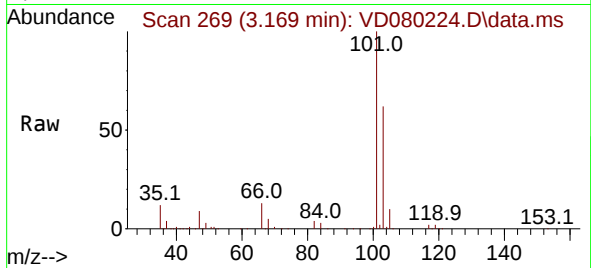




#7
 Trichlorofluoromethane
 Concen: 142.981 ug/l
 RT: 3.169 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD080224.D
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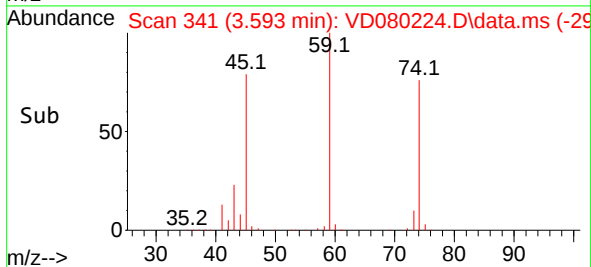
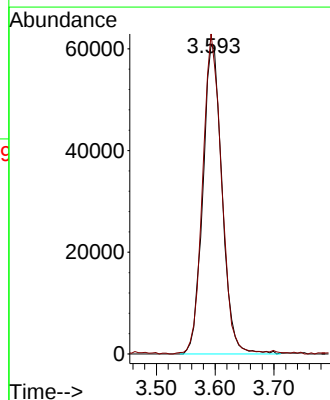
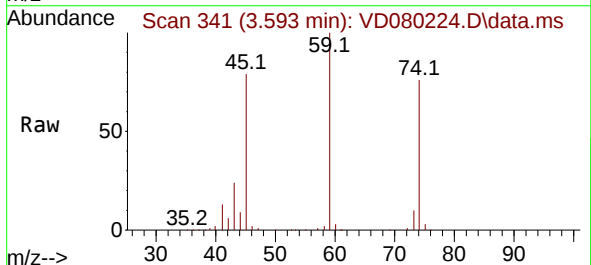
Instrument :
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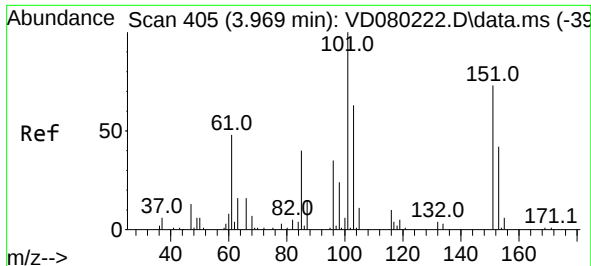
Tgt Ion:101 Resp: 423949
 Ion Ratio Lower Upper
 101 100
 103 62.4 49.9 74.9



#8
 Diethyl Ether
 Concen: 170.868 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD080224.D
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Tgt Ion: 74 Resp: 138601
 Ion Ratio Lower Upper
 74 100
 45 101.6 51.0 153.1

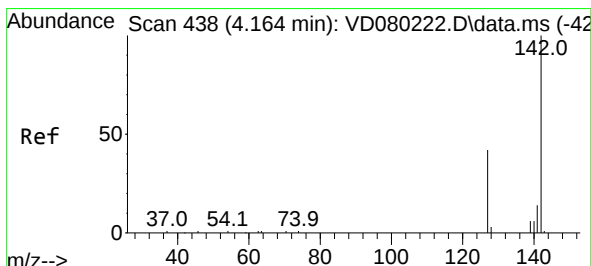
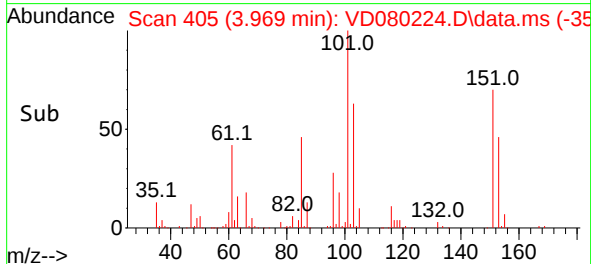
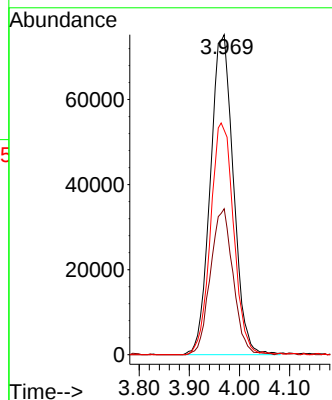
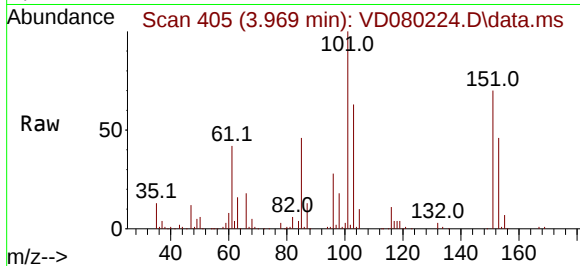




#9
1,1,2-Trichlorotrifluoroethane
Concen: 140.271 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

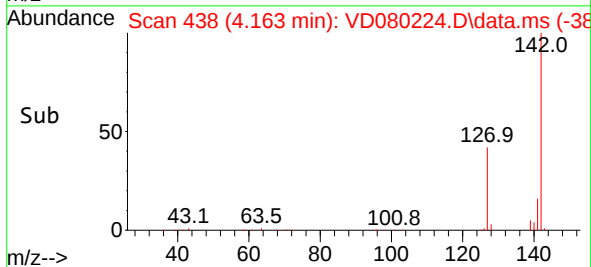
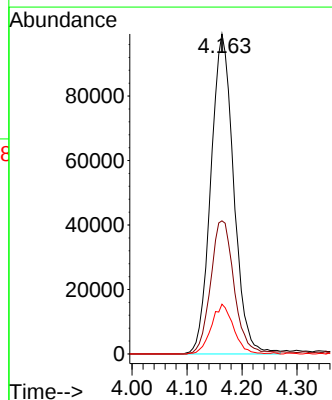
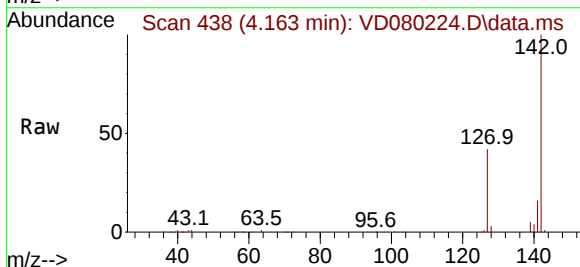
Instrument :
MSVOA_D
ClientSampleId :

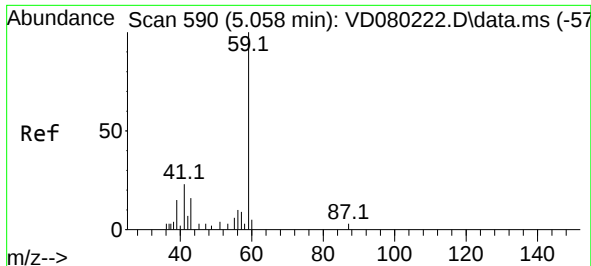
Tgt Ion:101 Resp: 240755
Ion Ratio Lower Upper
101 100
85 44.8 36.2 54.4
151 72.7 59.0 88.6



#10
Methyl Iodide
Concen: 150.330 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion:142 Resp: 286814
Ion Ratio Lower Upper
142 100
127 43.2 35.4 53.2
141 15.1 12.6 18.8

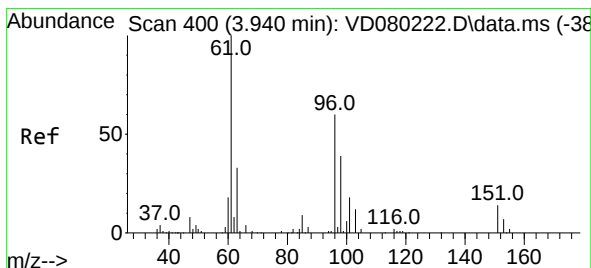
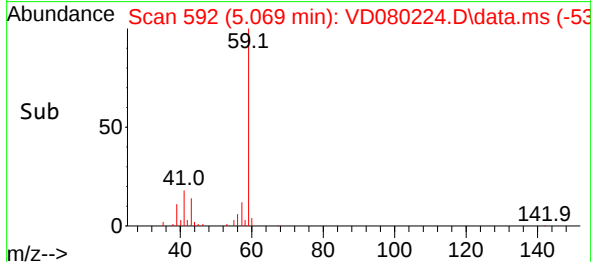
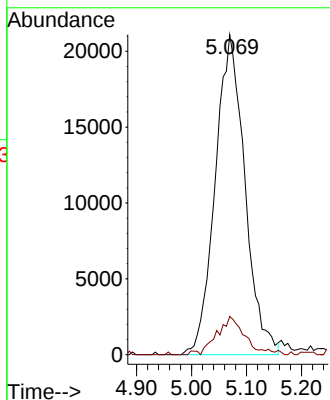
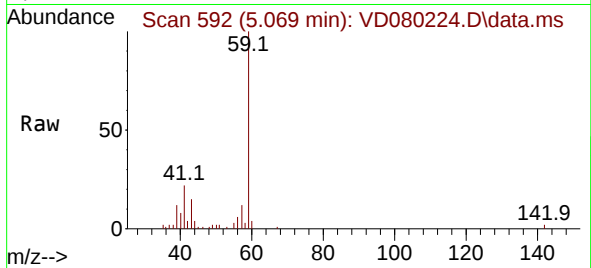




#11
Tert butyl alcohol
Concen: 775.275 ug/l
RT: 5.069 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

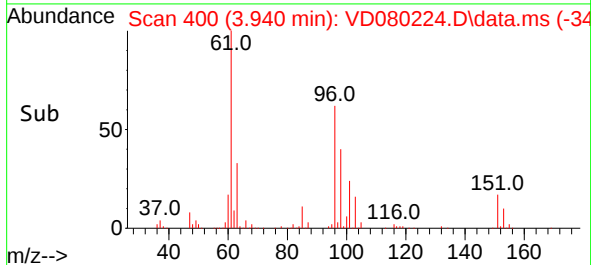
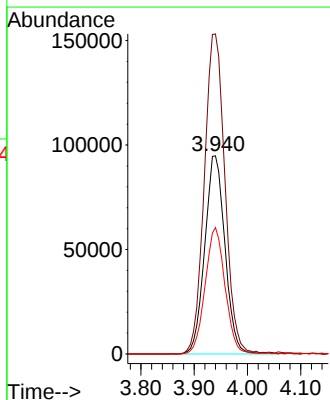
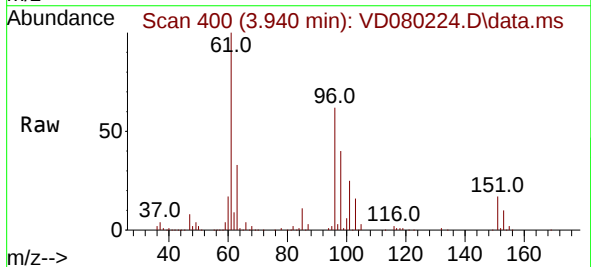
Instrument :
MSVOA_D
ClientSampleId :

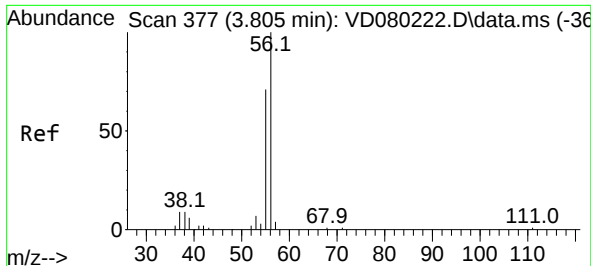
Tgt Ion: 59 Resp: 79091
Ion Ratio Lower Upper
59 100
57 11.1 7.2 10.8#



#12
1,1-Dichloroethene
Concen: 154.084 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

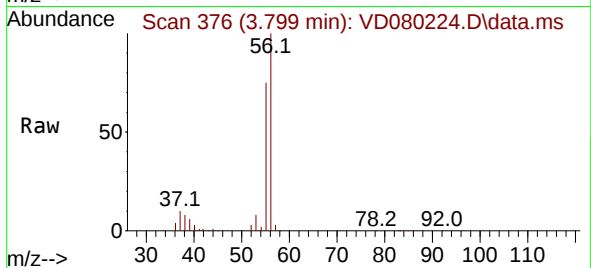
Tgt Ion: 96 Resp: 250517
Ion Ratio Lower Upper
96 100
61 161.6 133.8 200.6
98 63.9 52.2 78.2



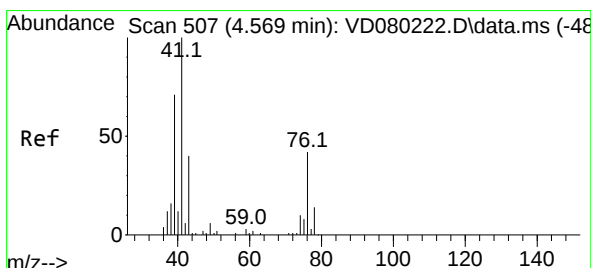
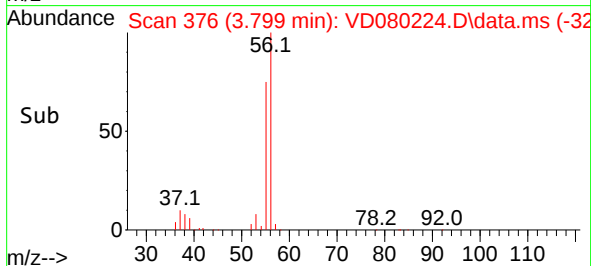
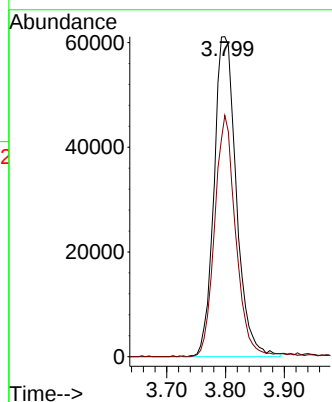


#13
Acrolein
Concen: 839.390 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Instrument :
MSVOA_D
ClientSampleId :

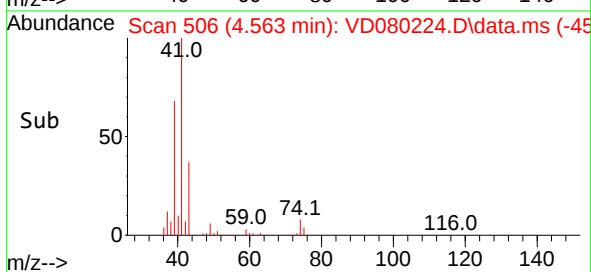
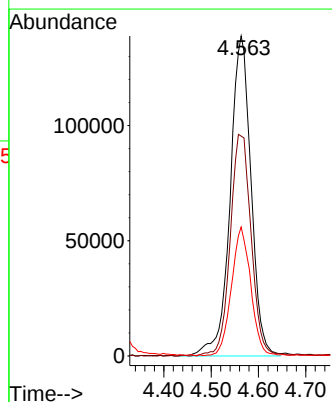
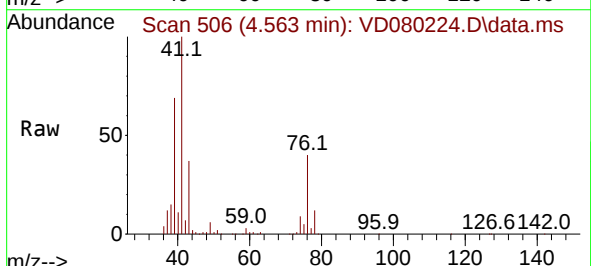


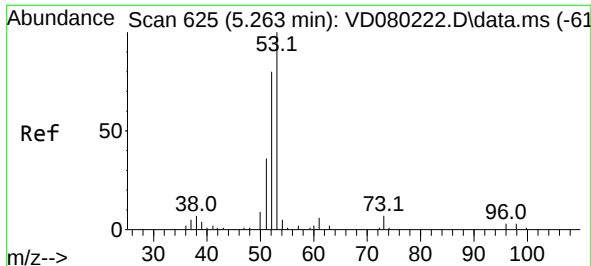
Tgt Ion: 56 Resp: 161460
Ion Ratio Lower Upper
56 100
55 70.6 57.8 86.8



#14
Allyl chloride
Concen: 169.814 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

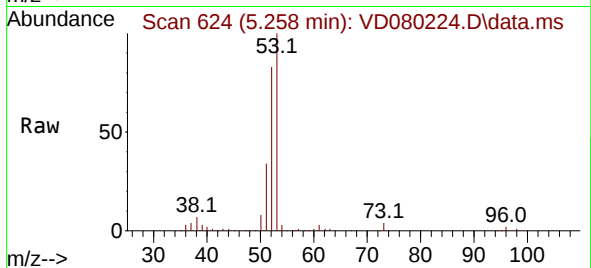
Tgt Ion: 41 Resp: 425481
Ion Ratio Lower Upper
41 100
39 69.4 55.0 82.4
76 36.8 31.0 46.4



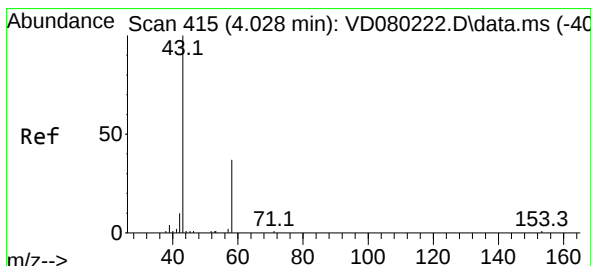
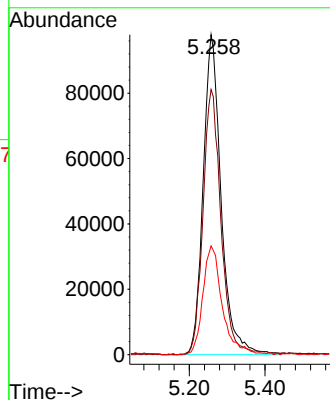
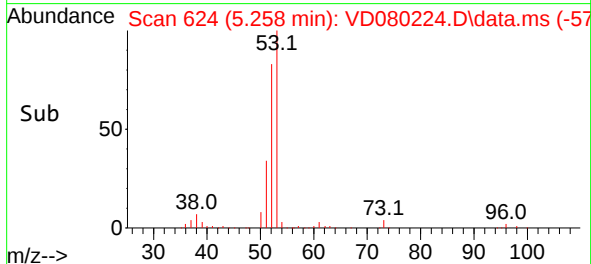


#15
Acrylonitrile
Concen: 825.127 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Instrument :
MSVOA_D
ClientSampleId :

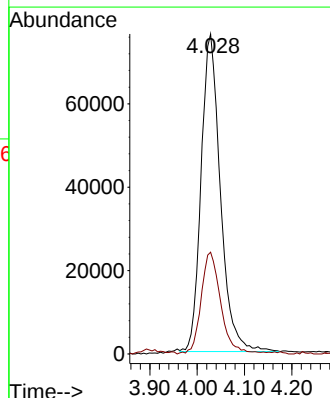
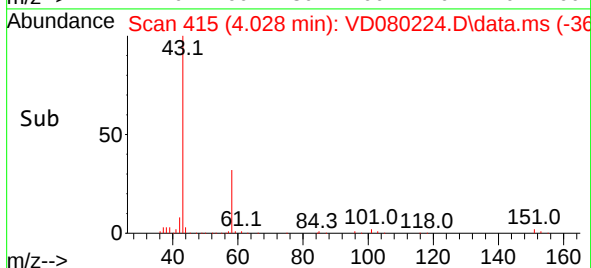
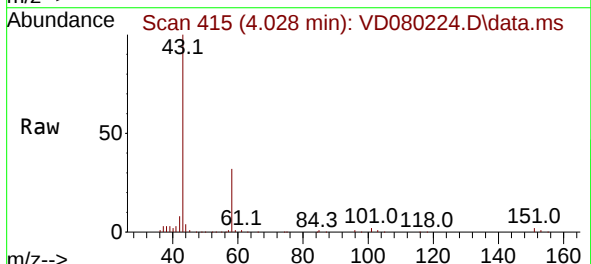


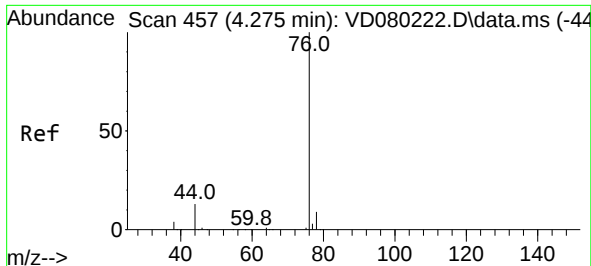
Tgt Ion: 53 Resp: 321564
Ion Ratio Lower Upper
53 100
52 82.9 65.9 98.9
51 36.8 30.1 45.1



#16
Acetone
Concen: 722.471 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 43 Resp: 215038
Ion Ratio Lower Upper
43 100
58 31.7 29.5 44.3

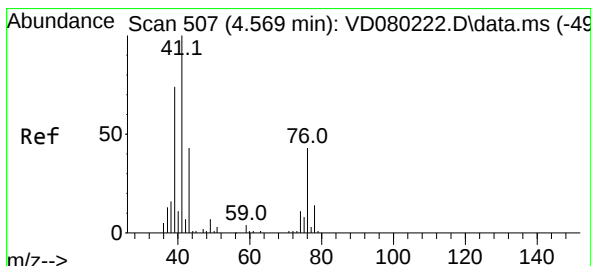
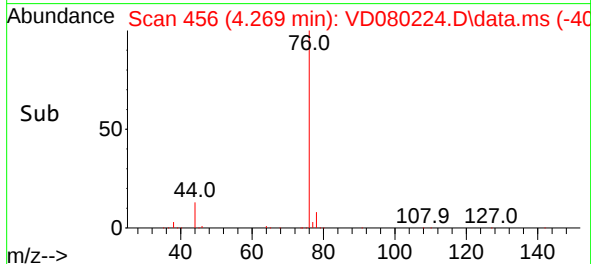
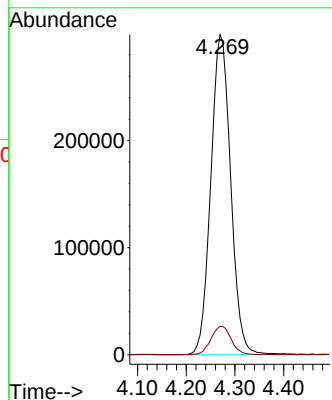
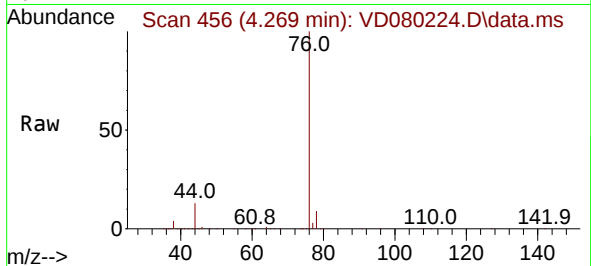




#17
Carbon Disulfide
Concen: 144.319 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

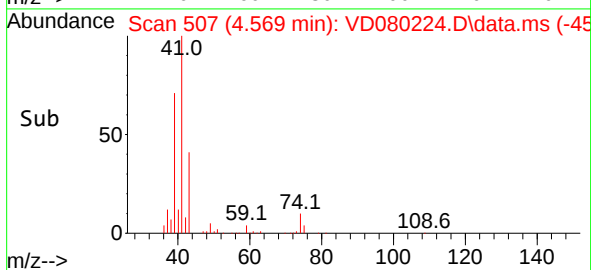
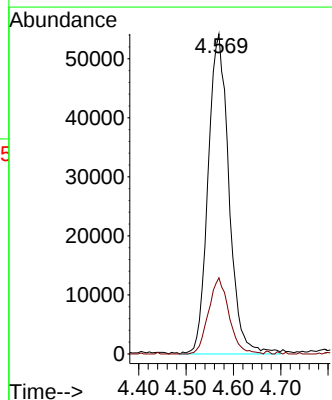
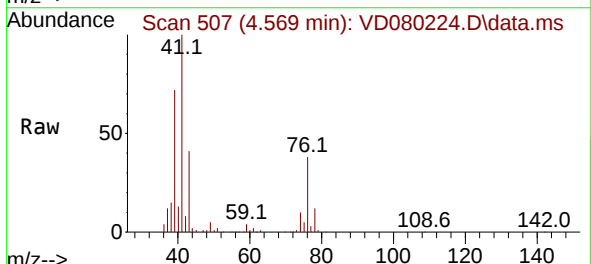
Instrument :
MSVOA_D
ClientSampleId :

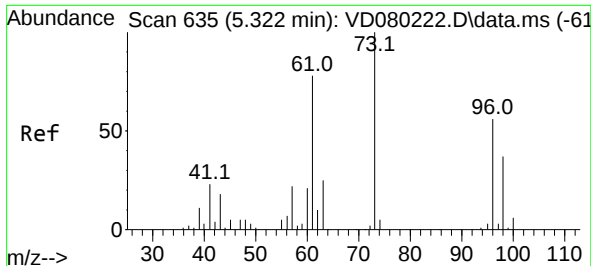
Tgt Ion: 76 Resp: 846261
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 165.076 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 43 Resp: 165786
Ion Ratio Lower Upper
43 100
74 23.3 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 184.640 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

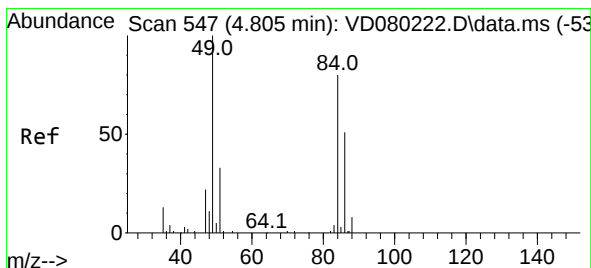
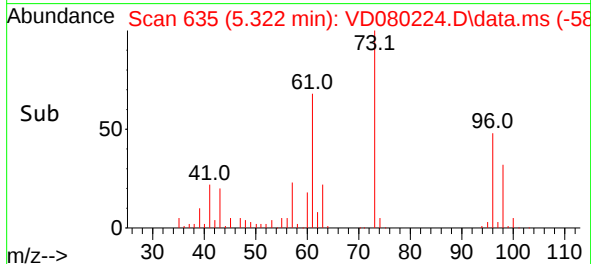
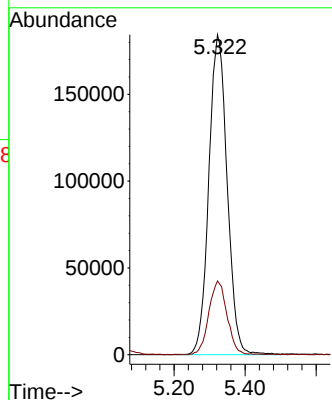
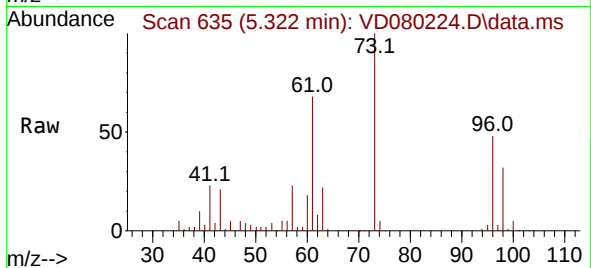
ClientSampleId :

Tgt Ion: 73 Resp: 660907

Ion Ratio Lower Upper

73 100

57 23.0 17.8 26.8



#20

Methylene Chloride

Concen: 143.561 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Tgt Ion: 84 Resp: 289967

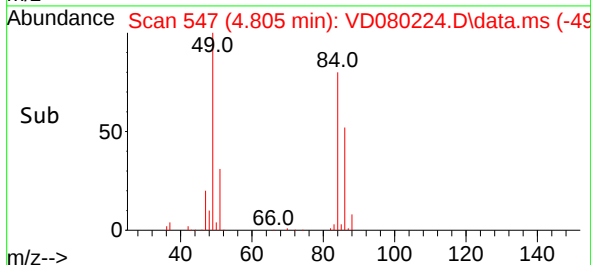
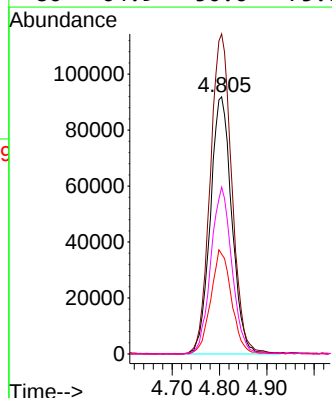
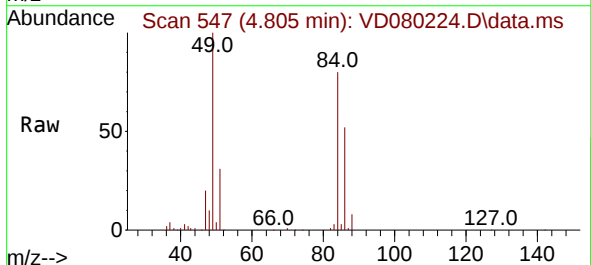
Ion Ratio Lower Upper

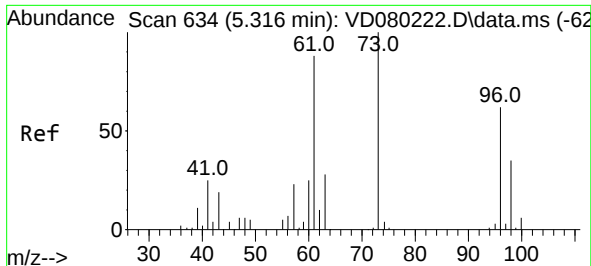
84 100

49 124.3 99.4 149.2

51 38.9 32.6 49.0

86 64.9 50.6 75.8

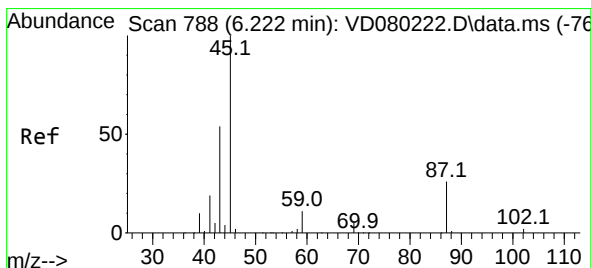
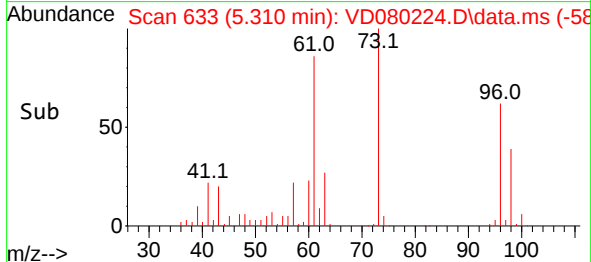
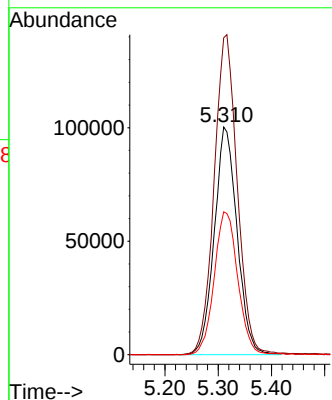
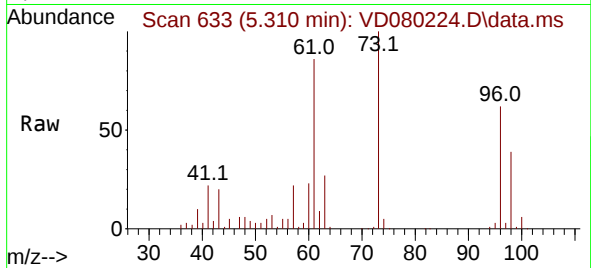




#21
trans-1,2-Dichloroethene
Concen: 161.416 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

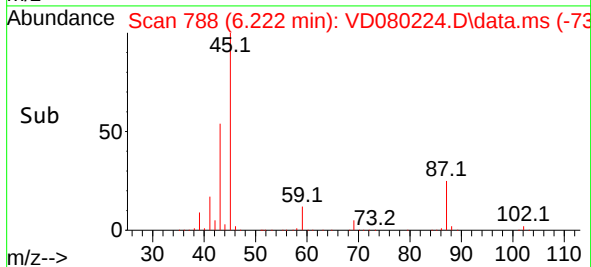
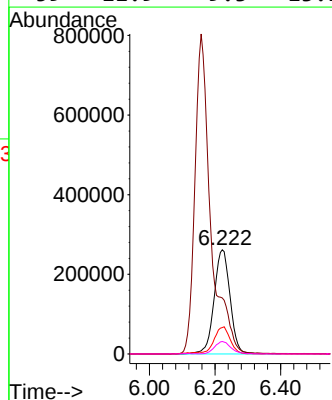
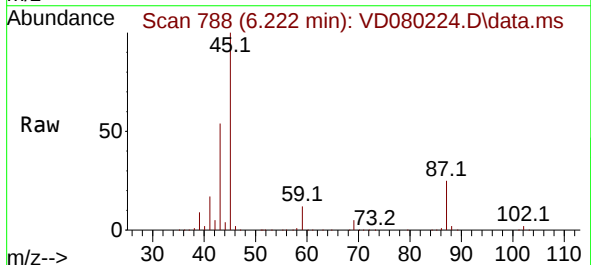
Instrument :
MSVOA_D
ClientSampleId :

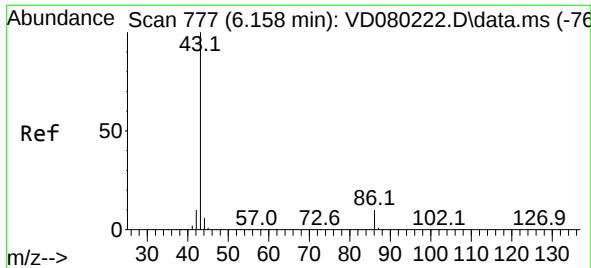
Tgt Ion: 96 Resp: 298146
Ion Ratio Lower Upper
96 100
61 139.2 113.7 170.5
98 62.8 45.4 68.2



#22
Diisopropyl ether
Concen: 169.895 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 45 Resp: 885898
Ion Ratio Lower Upper
45 100
43 53.4 44.3 66.5
87 25.3 20.5 30.7
59 11.9 9.3 13.9

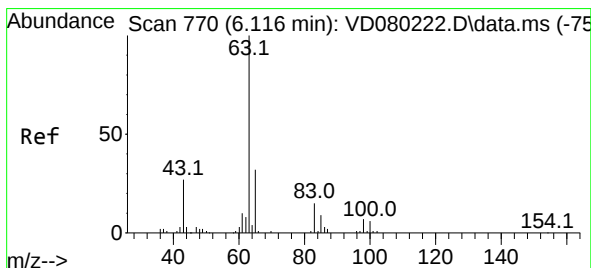
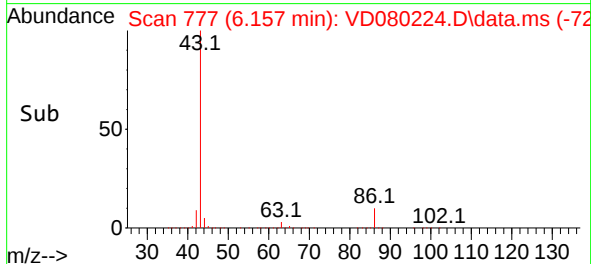
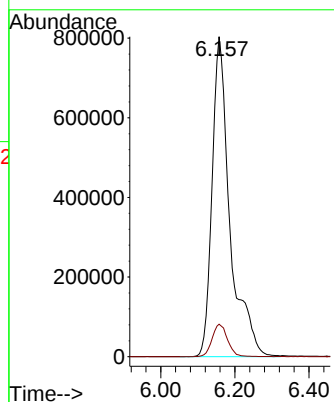
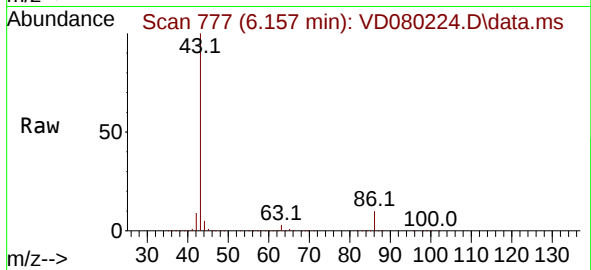




#23
 Vinyl Acetate
 Concen: 891.099 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD080224.D
 Acq: 03 Feb 2025 12:42

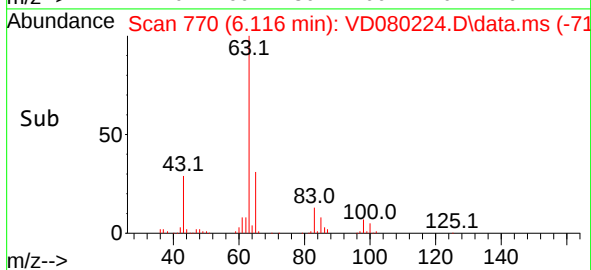
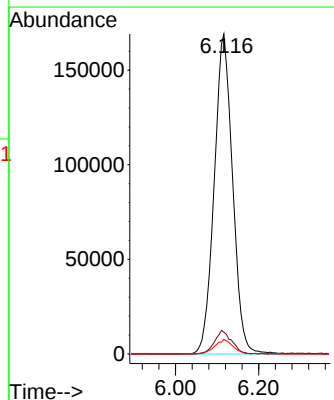
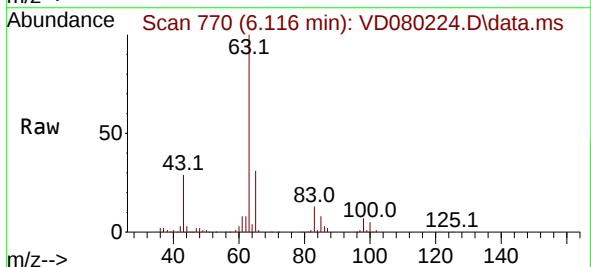
Instrument :
 MSVOA_D
 ClientSampleId :

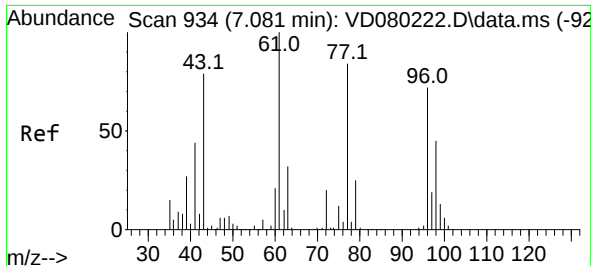
Tgt Ion: 43 Resp: 2682586
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 151.956 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD080224.D
 Acq: 03 Feb 2025 12:42

Tgt Ion: 63 Resp: 519419
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.5
 100 4.5 2.8 8.4

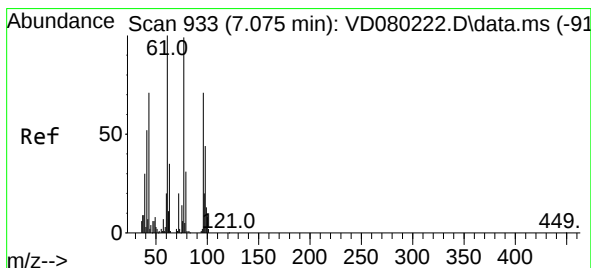
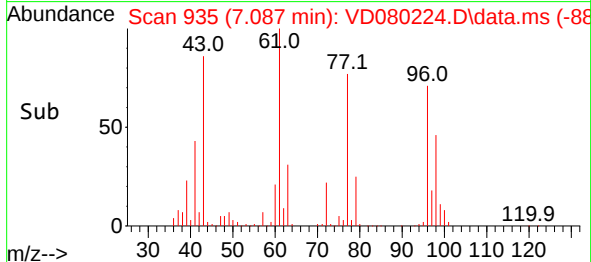
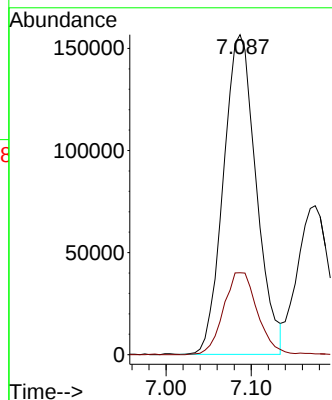
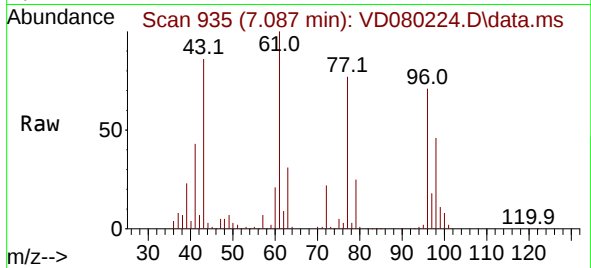




#25
2-Butanone
Concen: 908.281 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

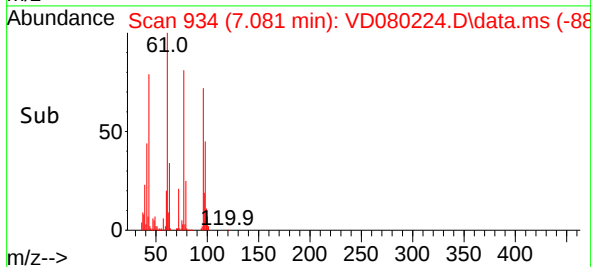
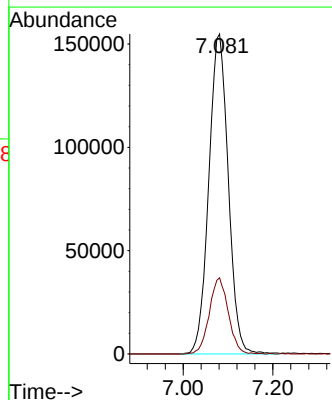
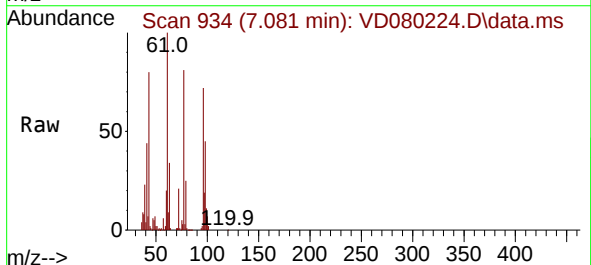
Instrument :
MSVOA_D
ClientSampleId :

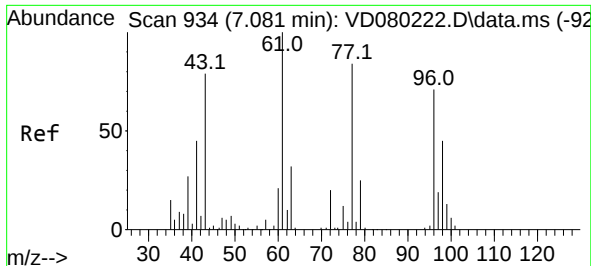
Tgt Ion: 43 Resp: 419323
Ion Ratio Lower Upper
43 100
72 25.6 19.9 29.9



#26
2,2-Dichloropropane
Concen: 157.530 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 77 Resp: 467037
Ion Ratio Lower Upper
77 100
97 23.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 172.178 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

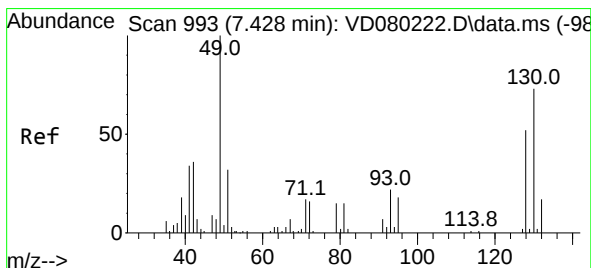
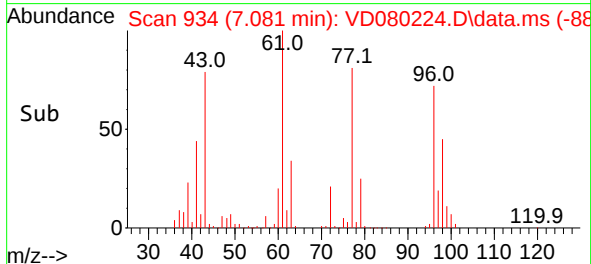
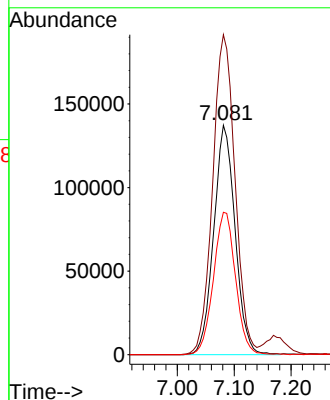
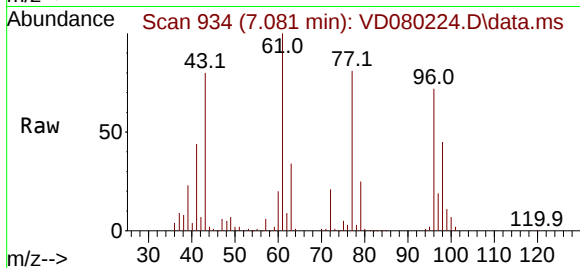
Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 96 Resp: 359280

Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	297.4
98	64.0	0.0	131.0



#28

Bromochloromethane

Concen: 146.026 ug/l

RT: 7.434 min Scan# 994

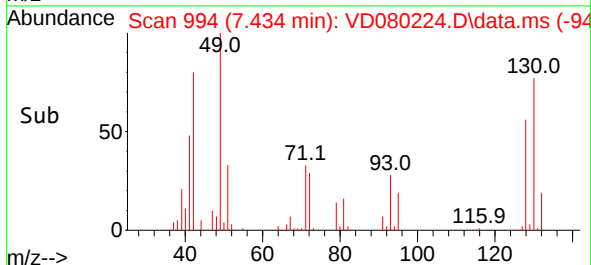
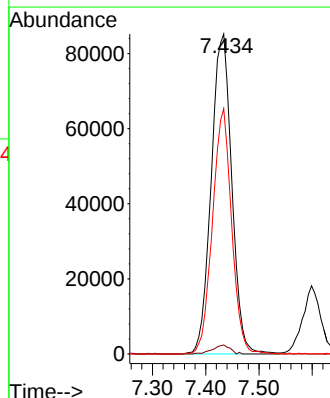
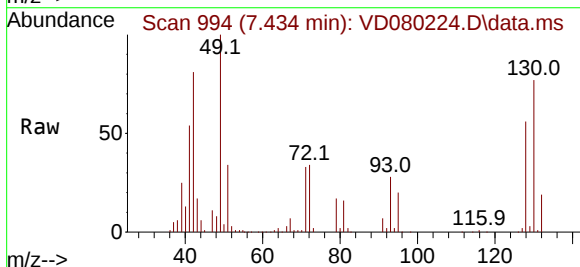
Delta R.T. 0.006 min

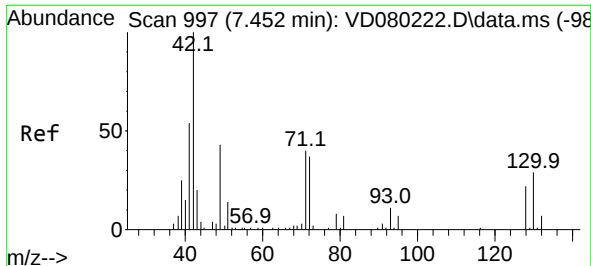
Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Tgt Ion: 49 Resp: 227782

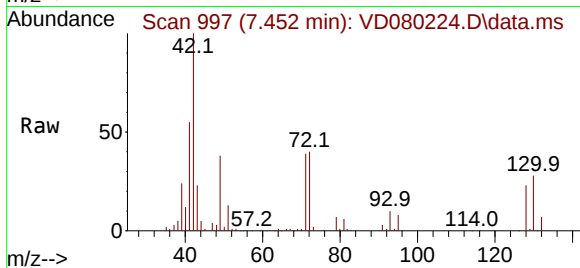
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	1.8#
130	71.6	55.3	82.9



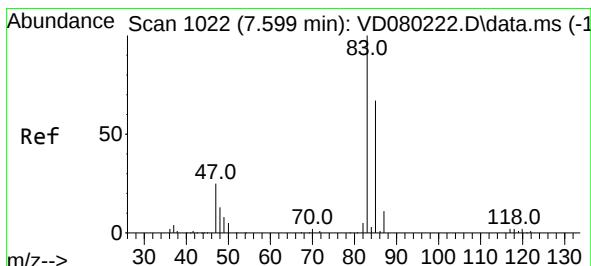
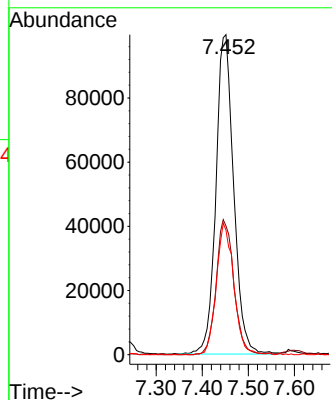
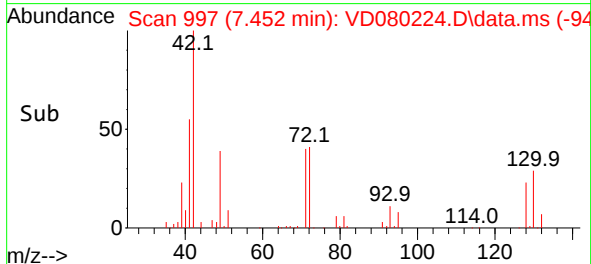


#29
Tetrahydrofuran
Concen: 882.022 ug/l
RT: 7.452 min Scan# 997
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

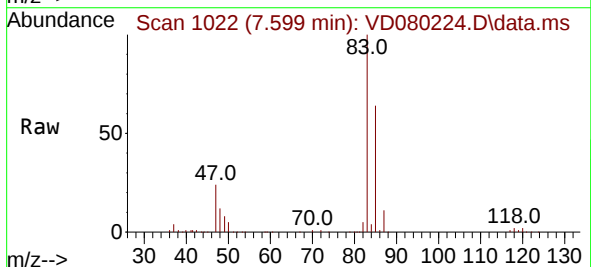
Instrument :
MSVOA_D
ClientSampleId :



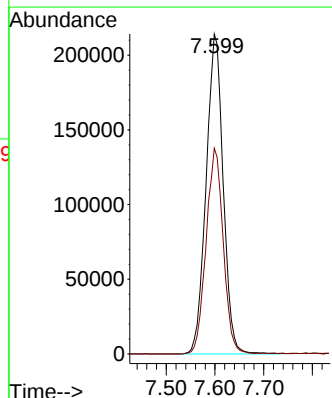
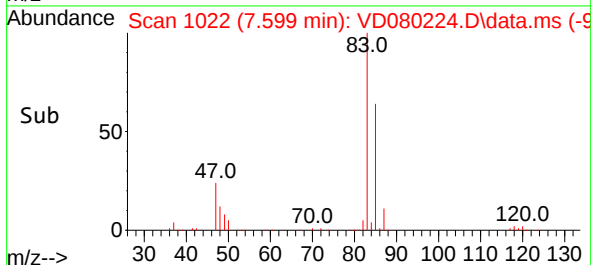
Tgt Ion: 42 Resp: 266705
Ion Ratio Lower Upper
42 100
72 41.9 33.5 50.3
71 40.2 32.9 49.3

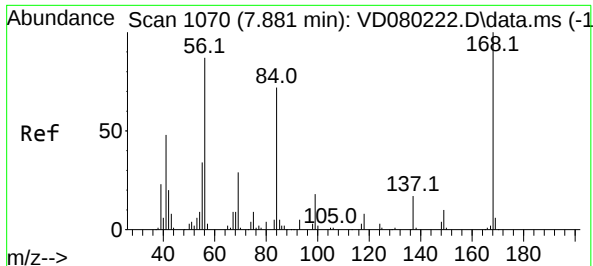


#30
Chloroform
Concen: 149.063 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42



Tgt Ion: 83 Resp: 520936
Ion Ratio Lower Upper
83 100
85 64.3 53.7 80.5

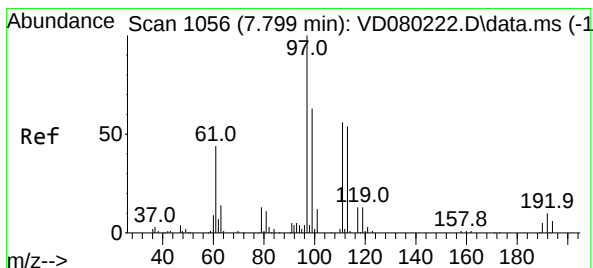
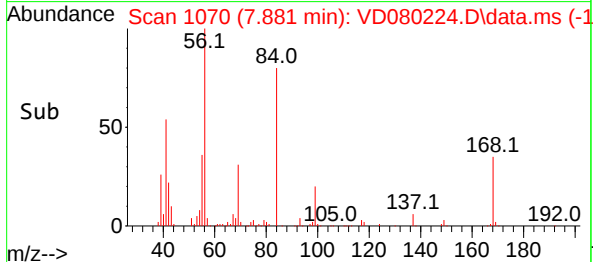
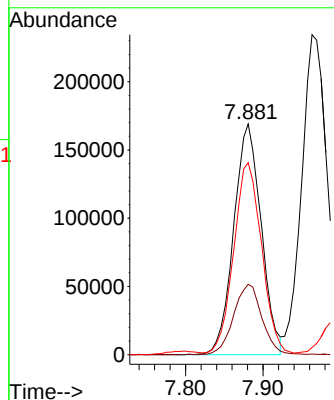
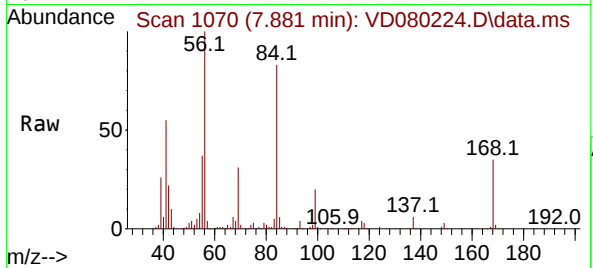




#31
Cyclohexane
Concen: 152.459 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

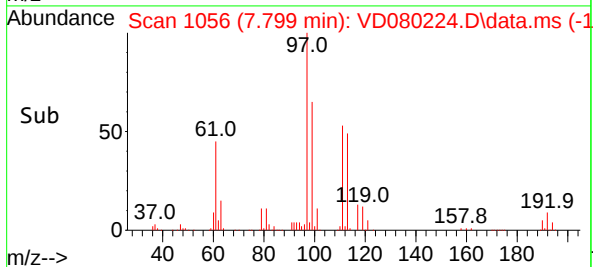
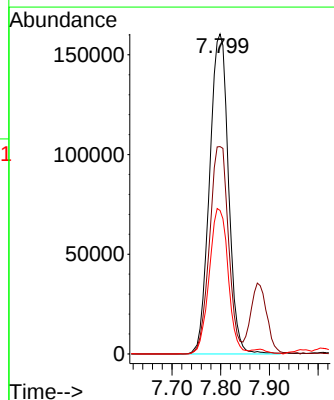
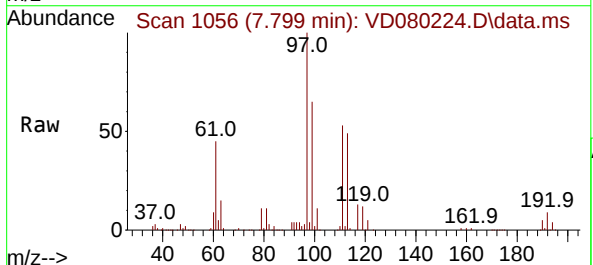
Instrument :
MSVOA_D
ClientSampleId :

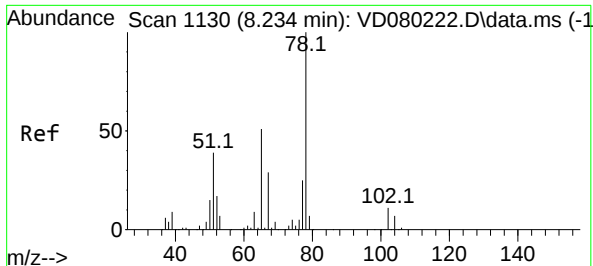
Tgt Ion: 56 Resp: 417180
Ion Ratio Lower Upper
56 100
69 30.5 27.0 40.4
84 81.9 66.3 99.5



#32
1,1,1-Trichloroethane
Concen: 147.666 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 97 Resp: 431747
Ion Ratio Lower Upper
97 100
99 65.4 51.3 76.9
61 45.6 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 157.113 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

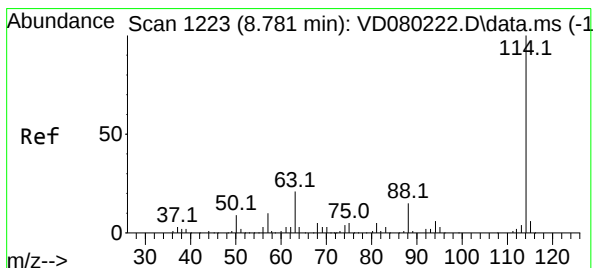
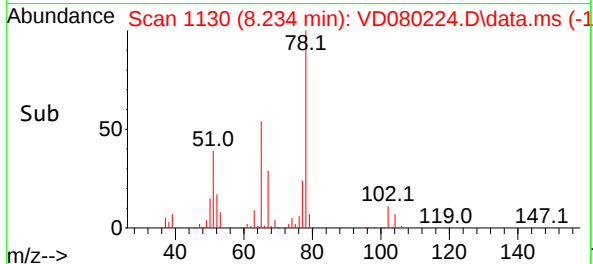
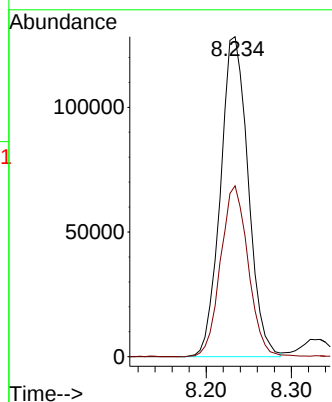
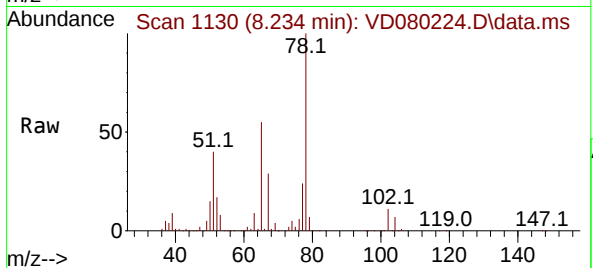
ClientSampleId :

Tgt Ion: 65 Resp: 290163

Ion Ratio Lower Upper

65 100

67 53.3 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: VD080224.D

Acq: 03 Feb 2025 12:42

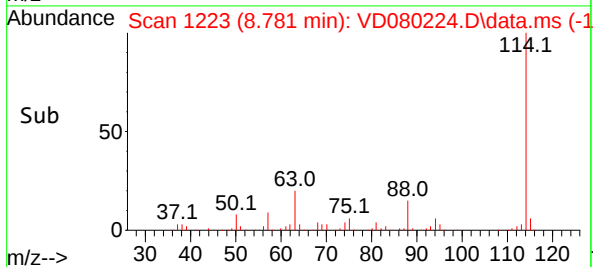
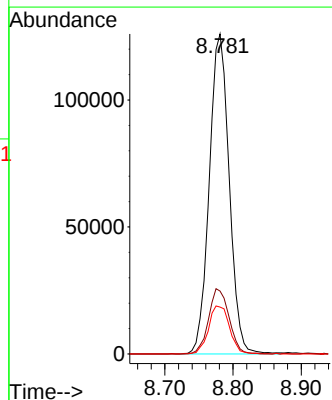
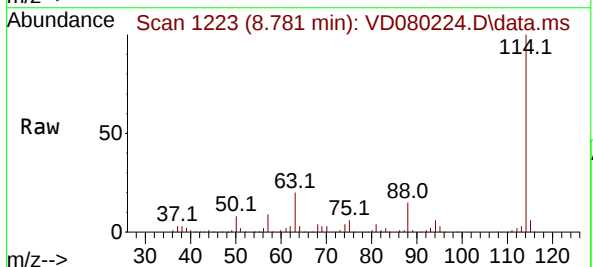
Tgt Ion: 114 Resp: 256601

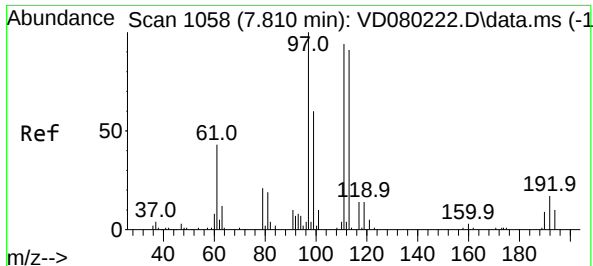
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.8

88 14.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 134.962 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

ClientSampleId :

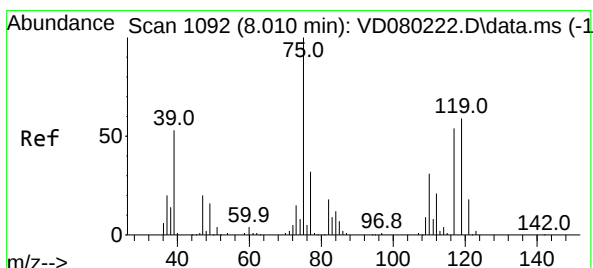
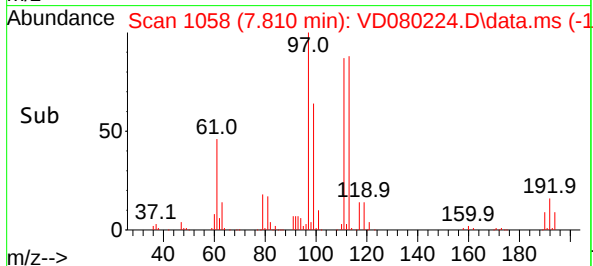
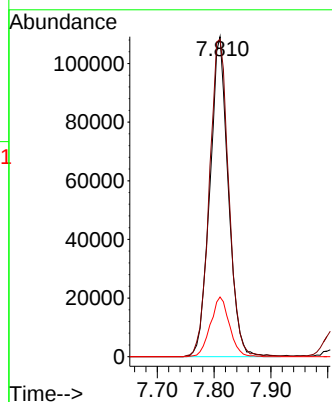
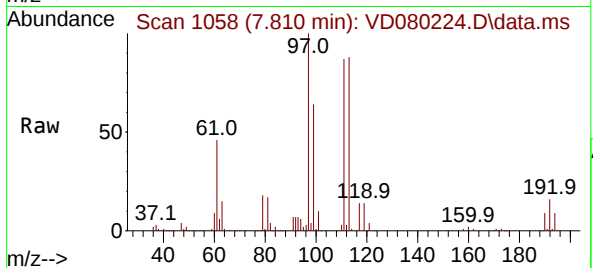
Tgt Ion:113 Resp: 245443

Ion Ratio Lower Upper

113 100

111 104.3 85.0 127.4

192 19.2 15.5 23.3



#36

1,1-Dichloropropene

Concen: 138.233 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

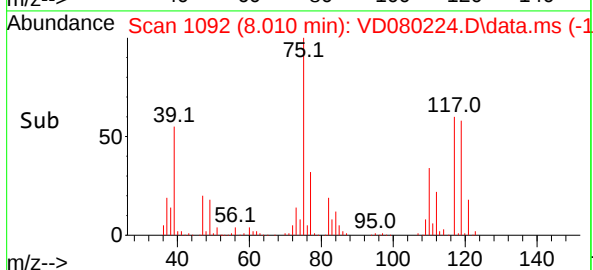
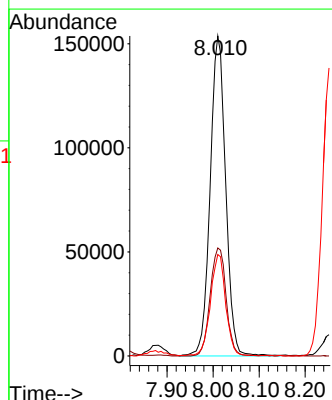
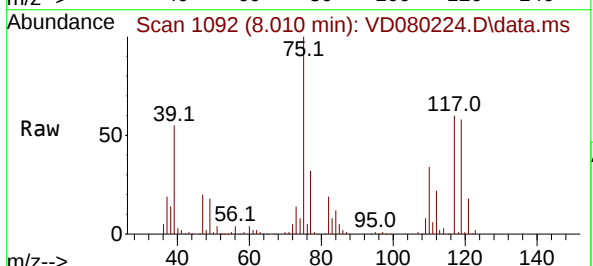
Tgt Ion: 75 Resp: 360068

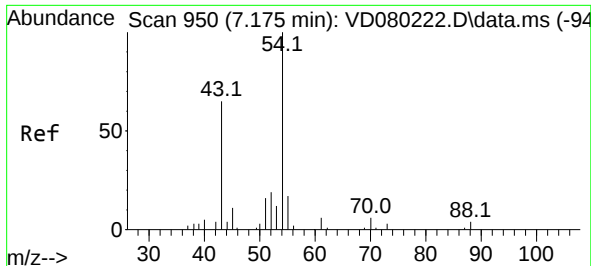
Ion Ratio Lower Upper

75 100

110 34.7 17.1 51.2

77 31.3 25.6 38.4





#37

Ethyl Acetate

Concen: 155.564 ug/l

RT: 7.175 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

ClientSampleId :

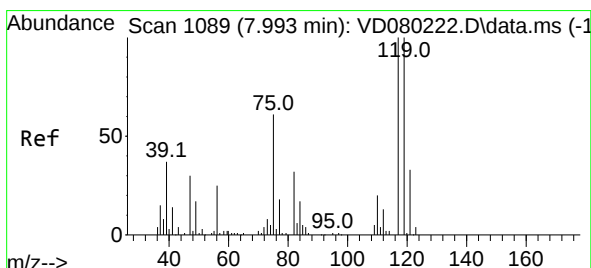
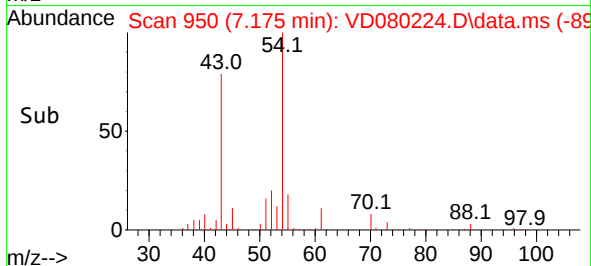
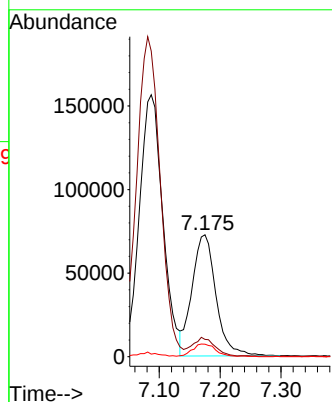
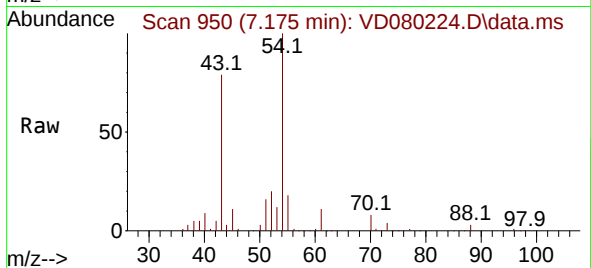
Tgt Ion: 43 Resp: 198701

Ion Ratio Lower Upper

43 100

61 14.2 11.4 17.0

70 9.5 8.2 12.2



#38

Carbon Tetrachloride

Concen: 131.718 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

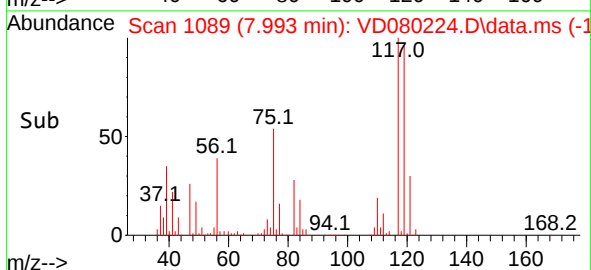
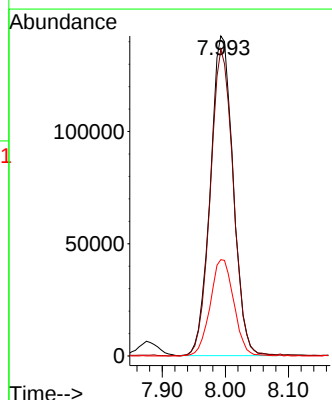
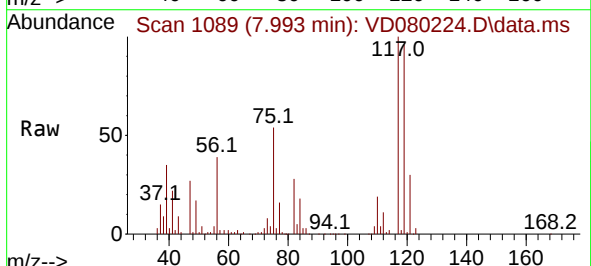
Tgt Ion: 117 Resp: 358375

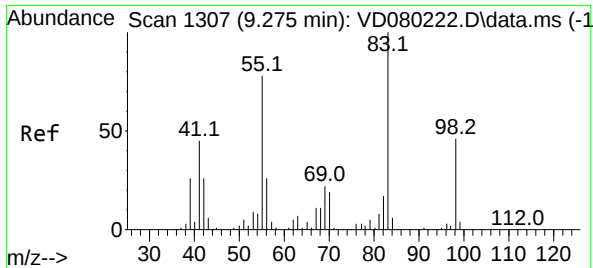
Ion Ratio Lower Upper

117 100

119 95.9 79.8 119.6

121 30.1 26.6 39.8

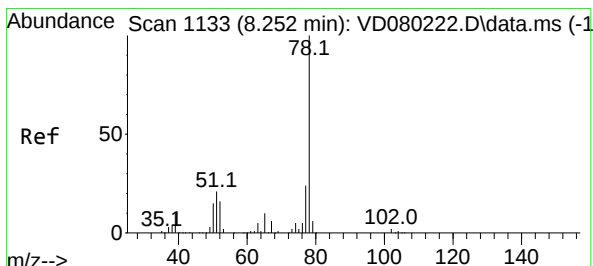
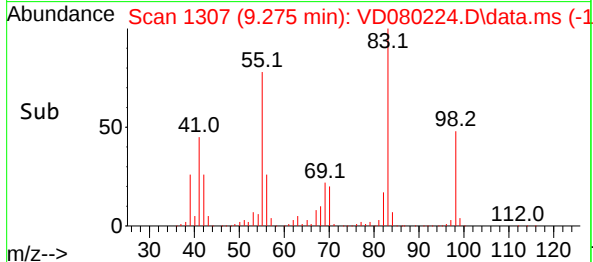
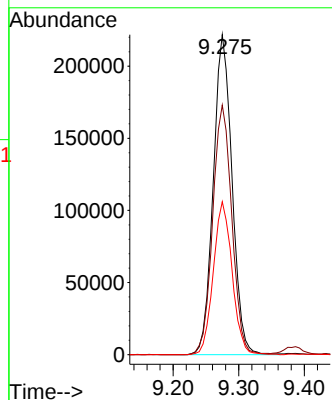
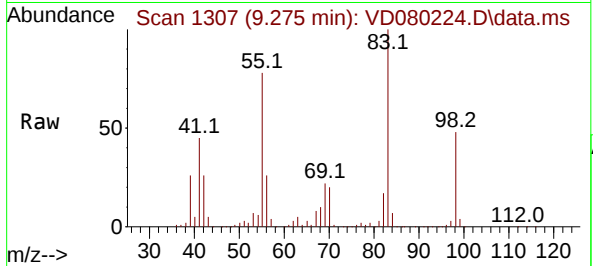




#39
Methylcyclohexane
Concen: 155.759 ug/l
RT: 9.275 min Scan# 1137
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

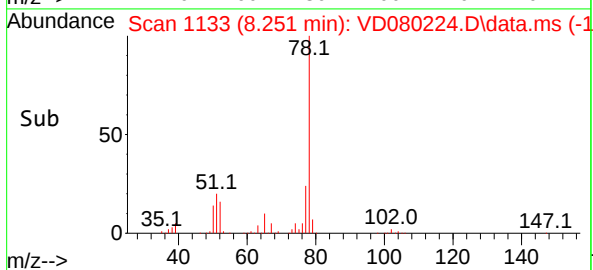
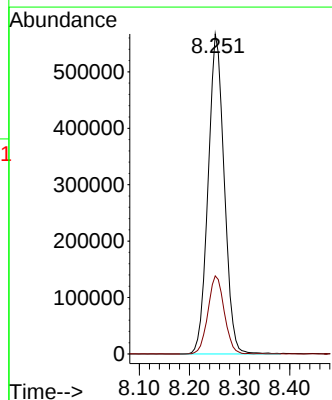
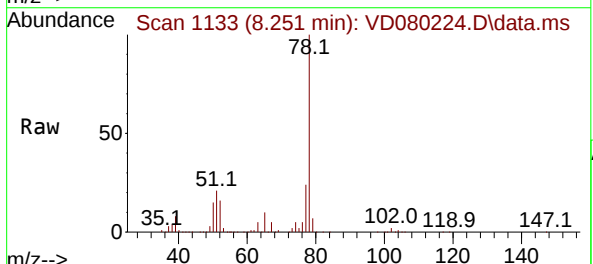
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 440784
Ion Ratio Lower Upper
83 100
55 78.0 62.5 93.7
98 47.8 37.1 55.7



#40
Benzene
Concen: 154.978 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 78 Resp: 1265353
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8

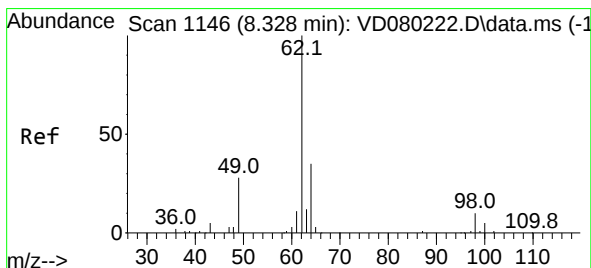
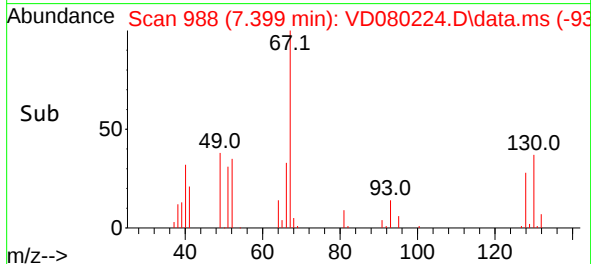
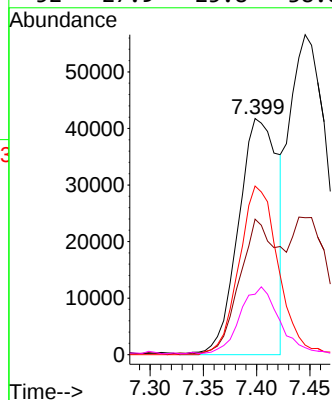
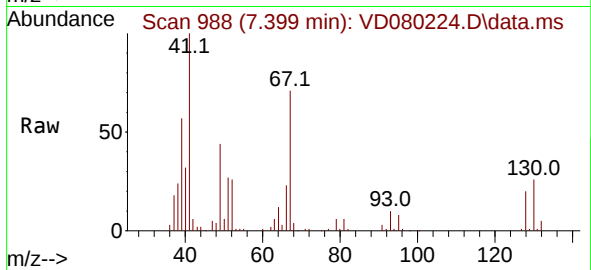




#41
Methacrylonitrile
Concen: 152.980 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

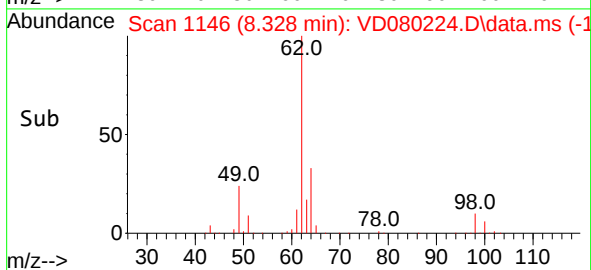
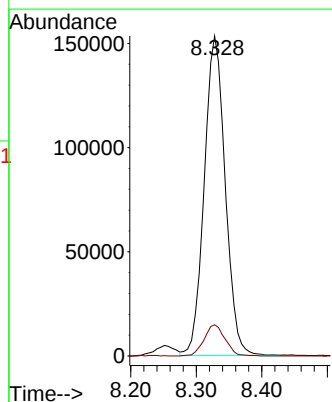
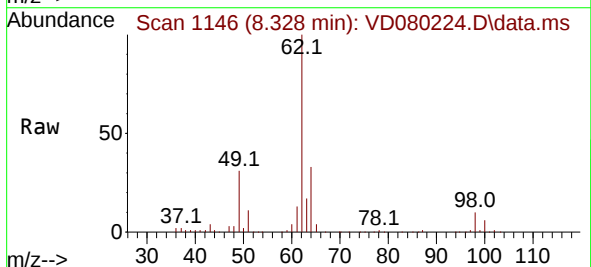
Instrument :
MSVOA_D
ClientSampleId :

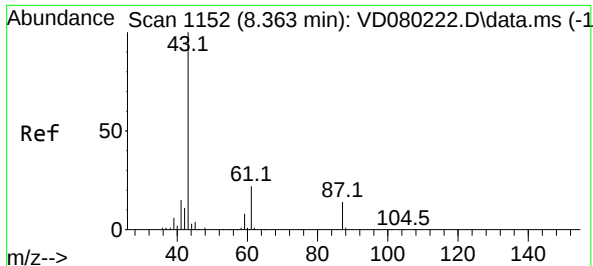
Tgt Ion: 41 Resp: 107714
Ion Ratio Lower Upper
41 100
39 58.9 44.7 67.1
67 71.5 55.0 82.4
52 27.9 25.8 38.8



#42
1,2-Dichloroethane
Concen: 146.899 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 62 Resp: 341308
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.4





#43

Isopropyl Acetate

Concen: 169.098 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

ClientSampleId :

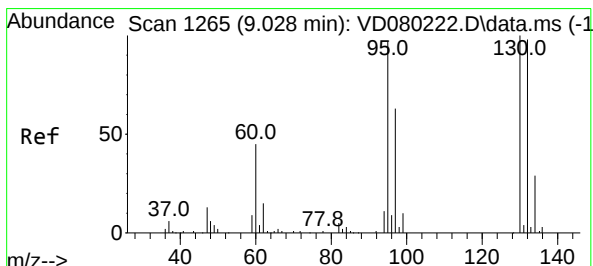
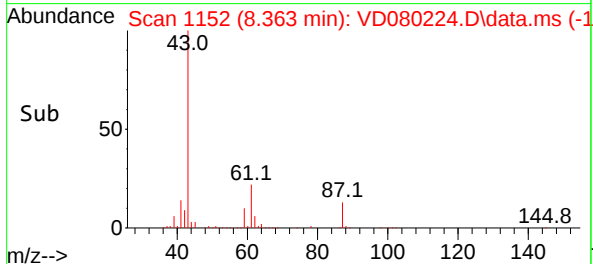
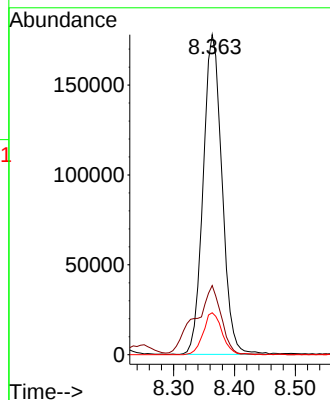
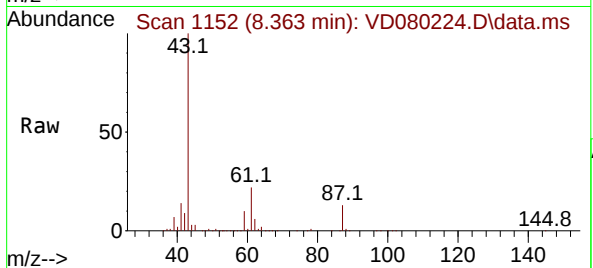
Tgt Ion: 43 Resp: 383324

Ion Ratio Lower Upper

43 100

61 29.9 25.0 37.4

87 13.2 10.7 16.1



#44

Trichloroethene

Concen: 143.783 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD080224.D

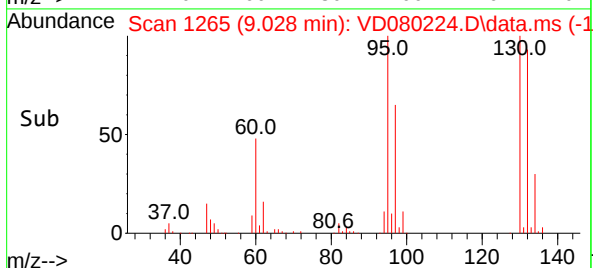
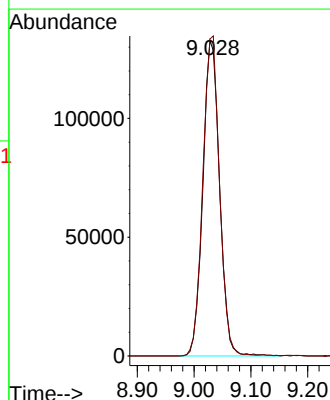
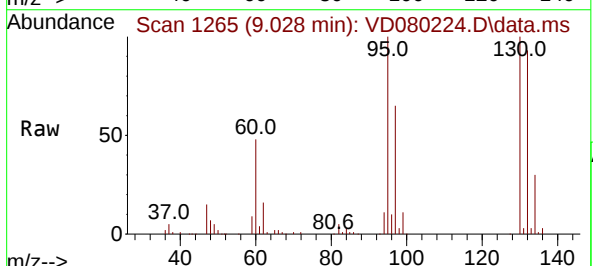
Acq: 03 Feb 2025 12:42

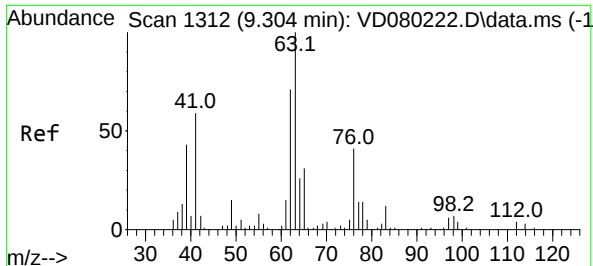
Tgt Ion:130 Resp: 271200

Ion Ratio Lower Upper

130 100

95 100.5 0.0 194.2





#45

1,2-Dichloropropane

Concen: 134.498 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

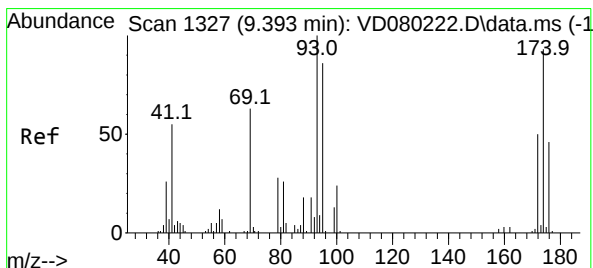
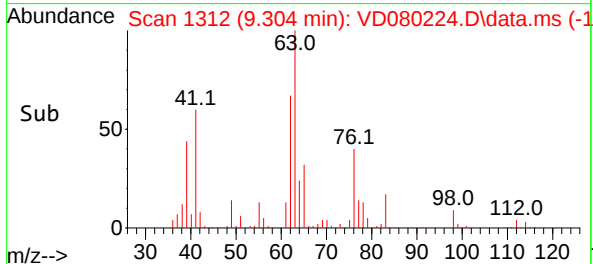
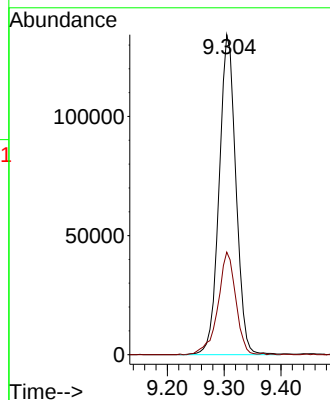
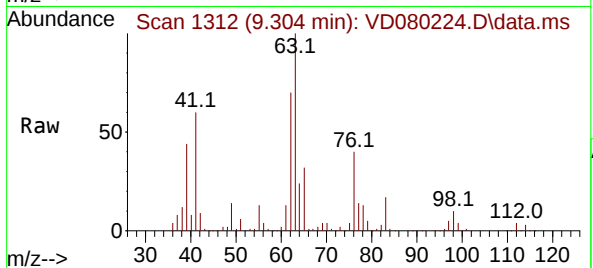
ClientSampleId :

Tgt Ion: 63 Resp: 276212

Ion Ratio Lower Upper

63 100

65 32.1 24.6 36.8



#46

Dibromomethane

Concen: 129.686 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

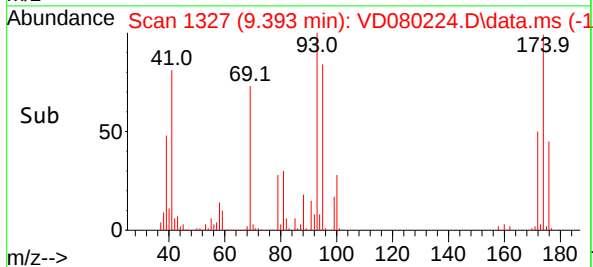
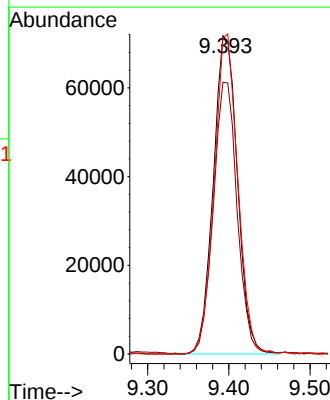
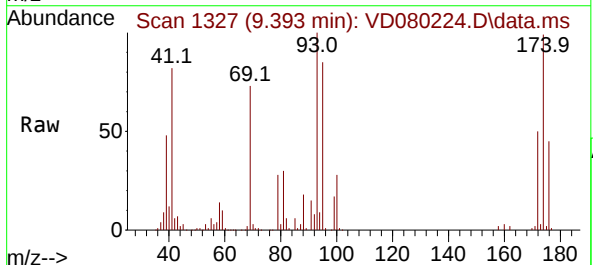
Tgt Ion: 93 Resp: 148381

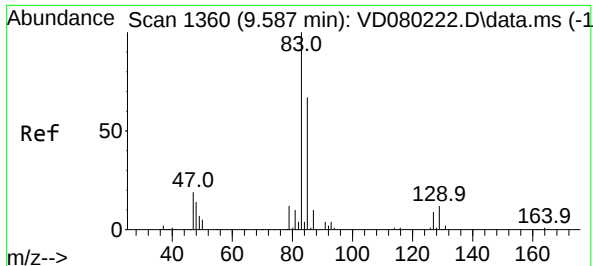
Ion Ratio Lower Upper

93 100

95 84.3 66.8 100.2

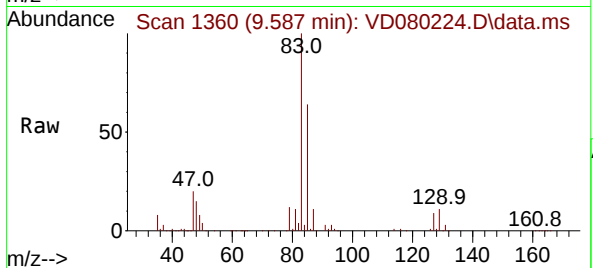
174 98.1 76.8 115.2



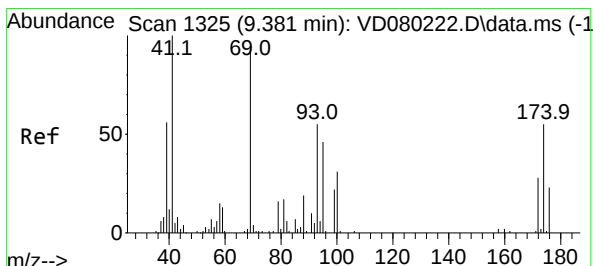
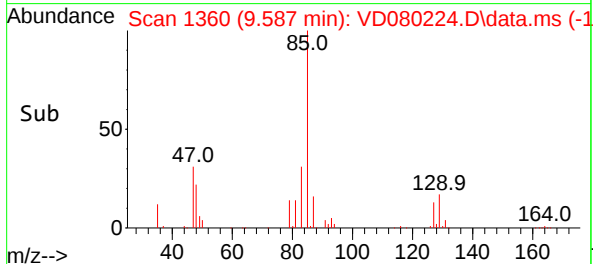
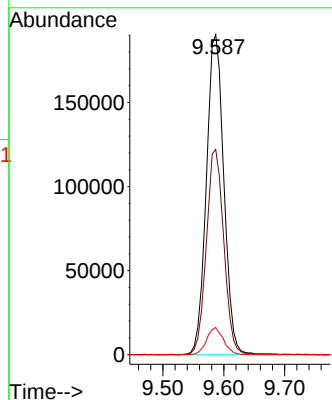


#47
Bromodichloromethane
Concen: 131.771 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Instrument :
MSVOA_D
ClientSampleId :

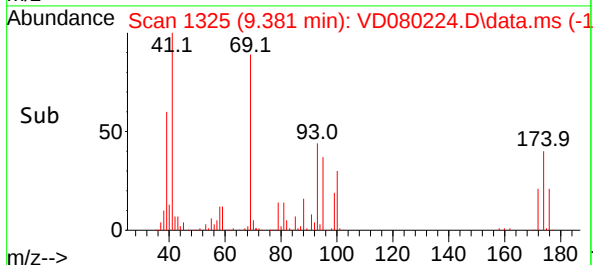
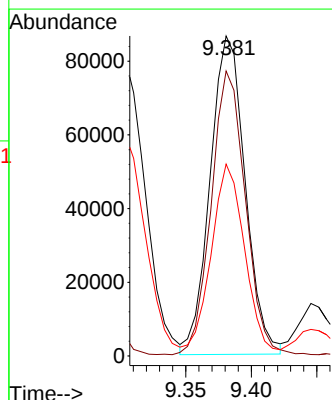
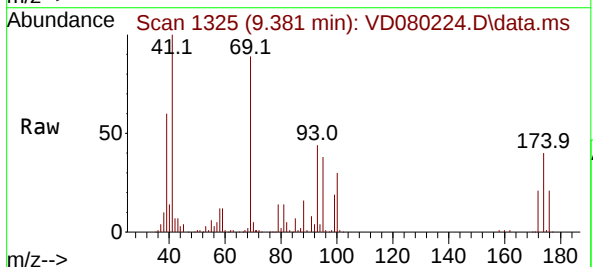


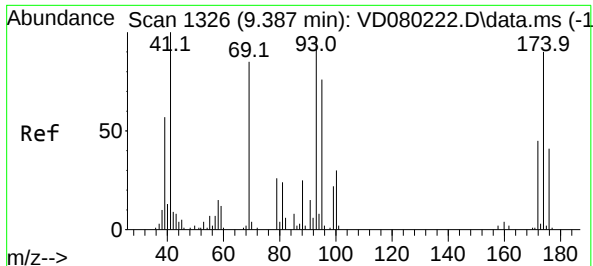
Tgt Ion: 83 Resp: 380202
Ion Ratio Lower Upper
83 100
85 64.1 53.6 80.4
127 8.5 7.4 11.2



#48
Methyl methacrylate
Concen: 153.323 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 41 Resp: 160837
Ion Ratio Lower Upper
41 100
69 87.0 73.7 110.5
39 53.9 49.4 74.2





#49

1,4-Dioxane

Concen: 2879.205 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

ClientSampleId :

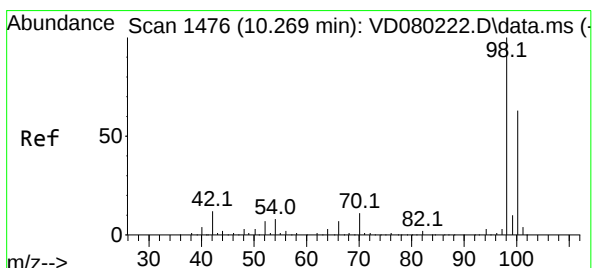
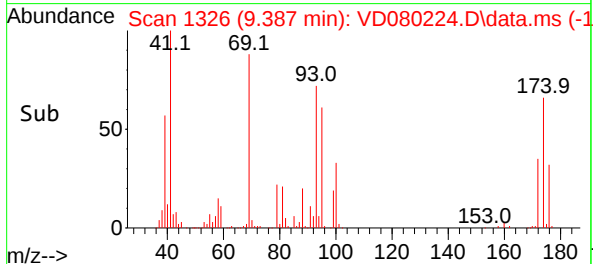
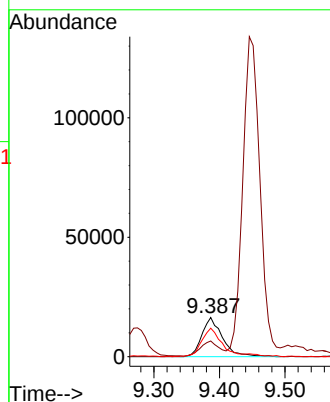
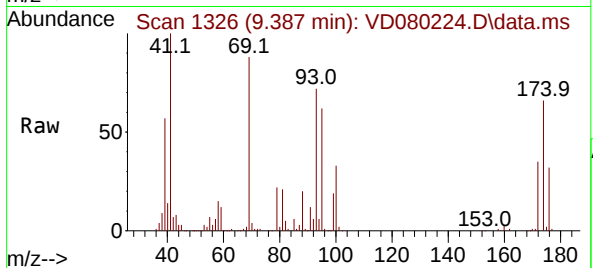
Tgt Ion: 88 Resp: 35837

Ion Ratio Lower Upper

88 100

43 35.1 28.5 42.7

58 76.2 56.3 84.5



#50

Toluene-d8

Concen: 137.332 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD080224.D

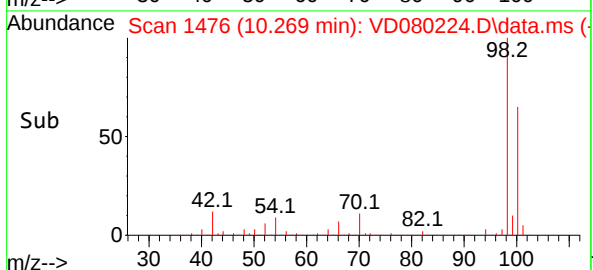
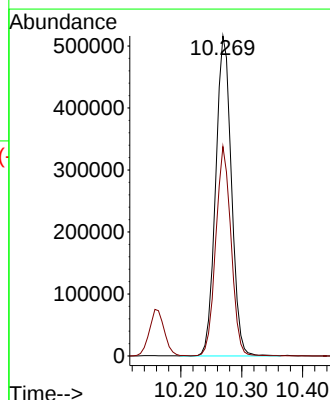
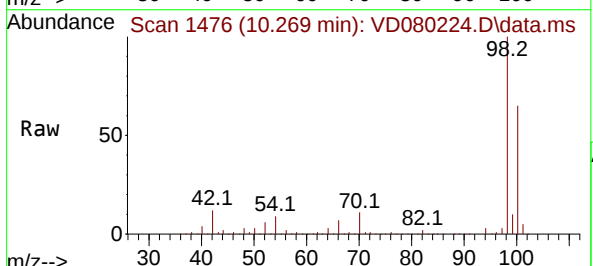
Acq: 03 Feb 2025 12:42

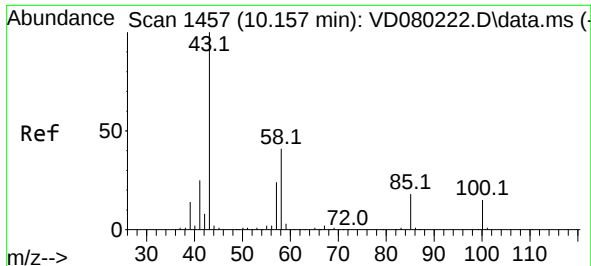
Tgt Ion: 98 Resp: 926189

Ion Ratio Lower Upper

98 100

100 63.6 50.2 75.4

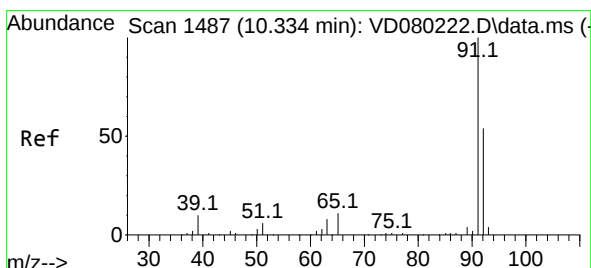
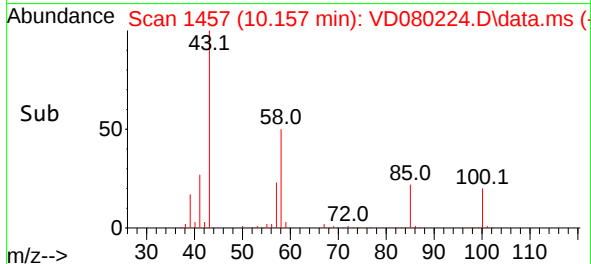
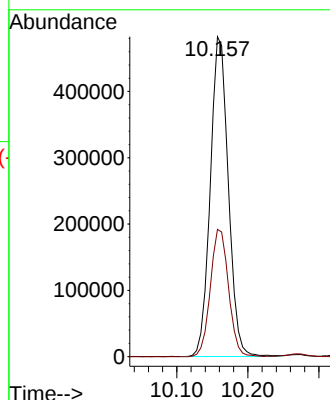
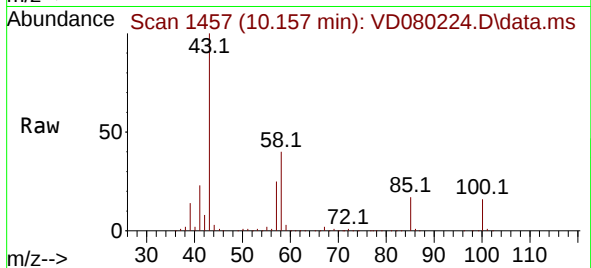




#51
4-Methyl-2-Pentanone
Concen: 741.799 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

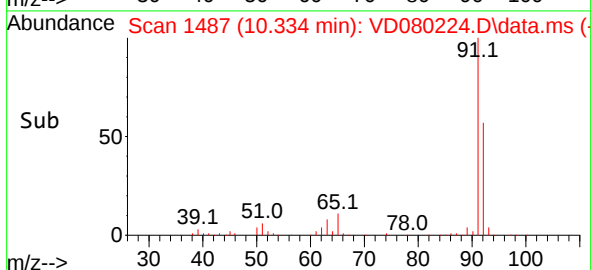
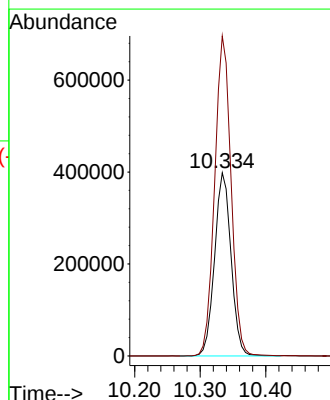
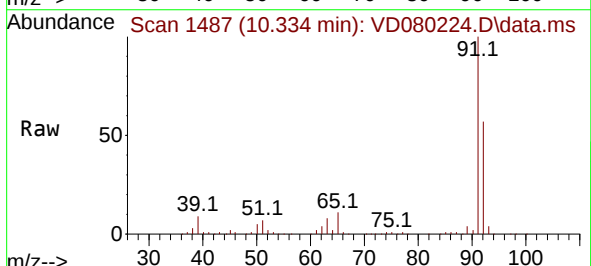
Instrument :
MSVOA_D
ClientSampleId :

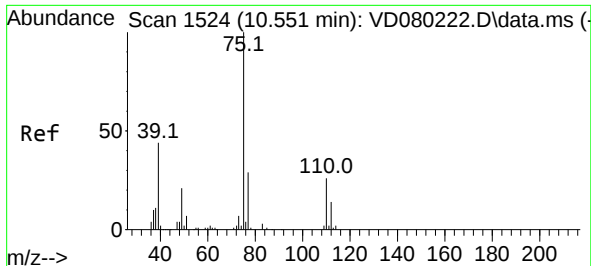
Tgt Ion: 43 Resp: 850296
Ion Ratio Lower Upper
43 100
58 40.2 31.1 46.7



#52
Toluene
Concen: 144.790 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 92 Resp: 691478
Ion Ratio Lower Upper
92 100
91 174.4 144.7 217.1

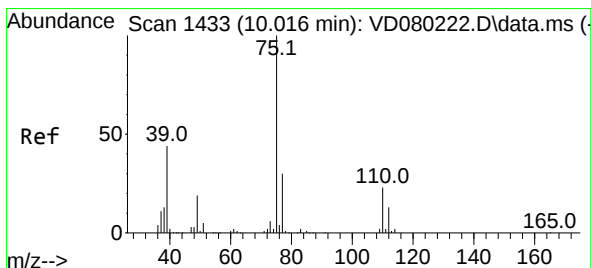
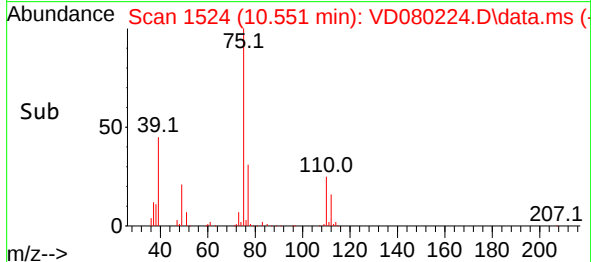
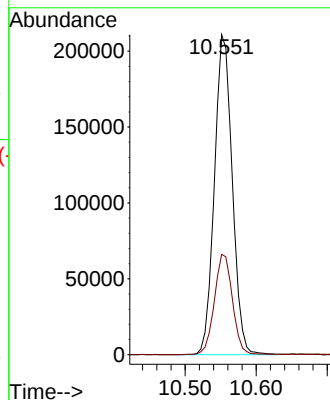
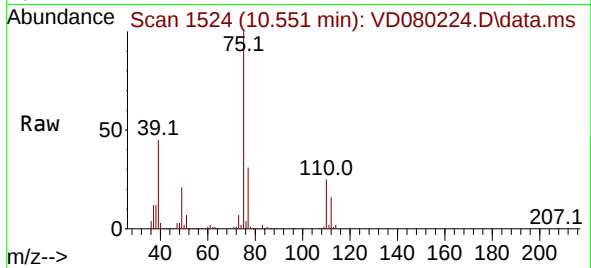




#53
t-1,3-Dichloropropene
Concen: 149.415 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

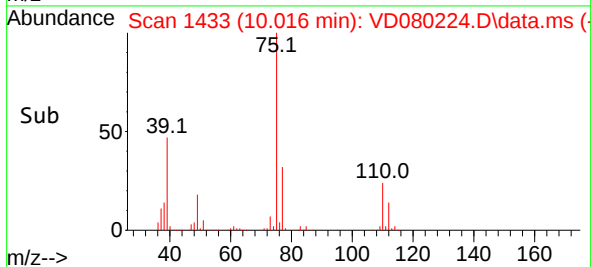
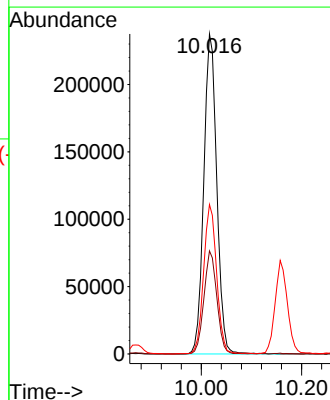
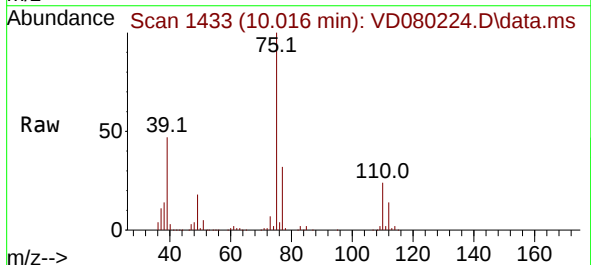
Instrument :
MSVOA_D
ClientSampleId :

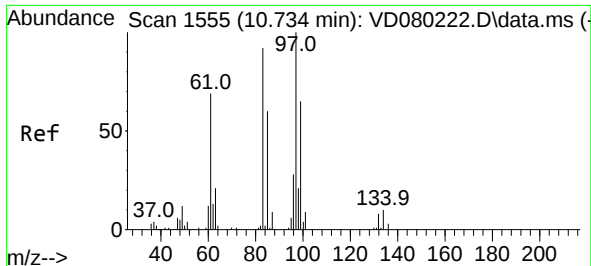
Tgt Ion: 75 Resp: 367509
Ion Ratio Lower Upper
75 100
77 31.3 23.0 34.4



#54
cis-1,3-Dichloropropene
Concen: 142.738 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 75 Resp: 427061
Ion Ratio Lower Upper
75 100
77 32.2 24.1 36.1
39 46.6 35.1 52.7

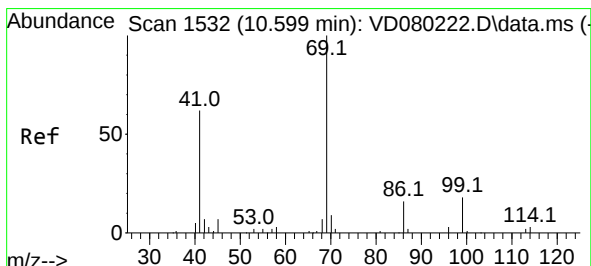
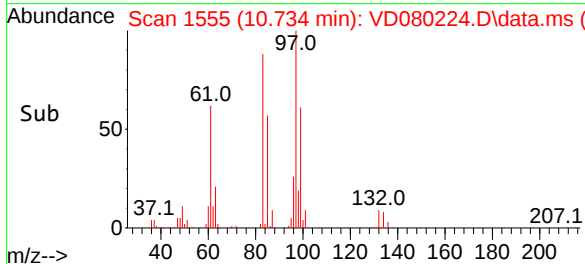
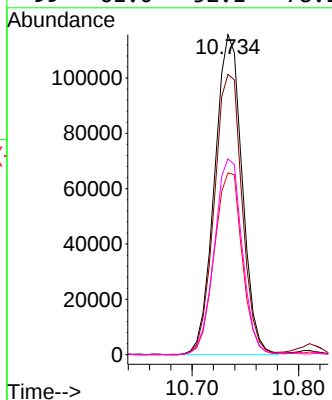
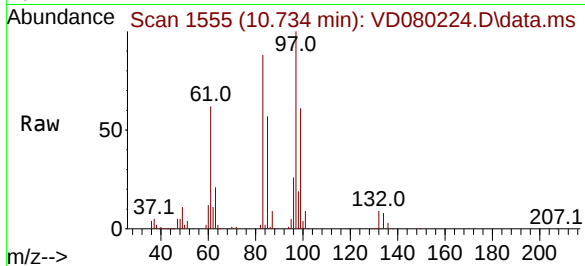




#55
1,1,2-Trichloroethane
Concen: 139.685 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

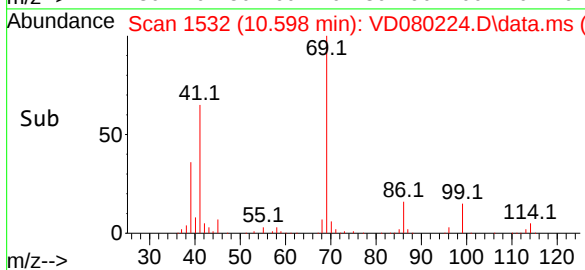
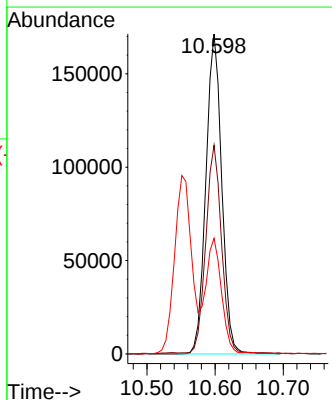
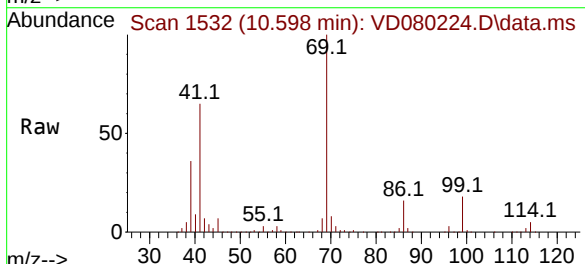
Instrument :
MSVOA_D
ClientSampleId :

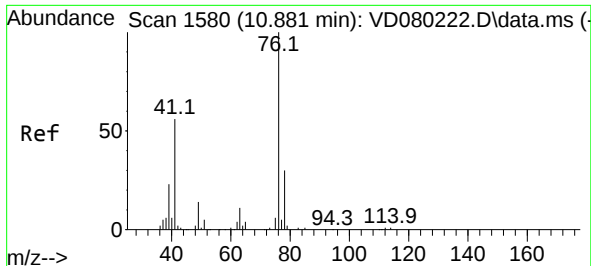
Tgt Ion:	97	Resp:	207665
Ion	Ratio	Lower	Upper
97	100		
83	87.6	73.9	110.9
85	56.8	48.2	72.2
99	61.0	52.1	78.1



#56
Ethyl methacrylate
Concen: 163.400 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion:	69	Resp:	277178
Ion	Ratio	Lower	Upper
69	100		
41	64.5	51.8	77.6
39	35.5	28.7	43.1





#57

1,3-Dichloropropane

Concen: 150.071 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

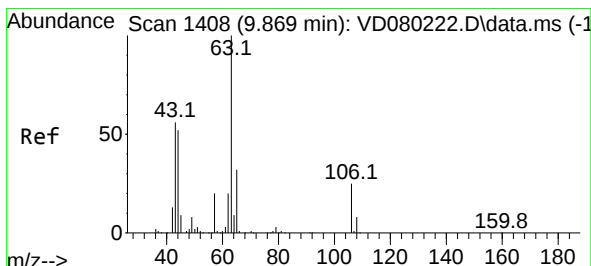
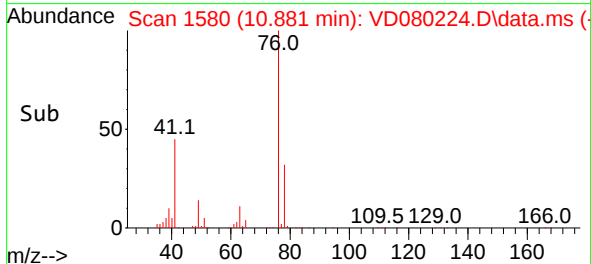
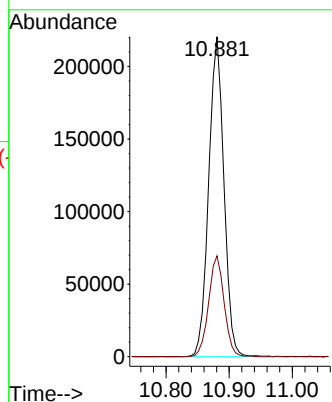
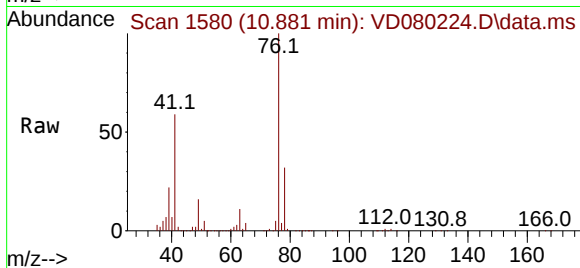
ClientSampleId :

Tgt Ion: 76 Resp: 369015

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.4



#58

2-Chloroethyl Vinyl ether

Concen: 774.430 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD080224.D

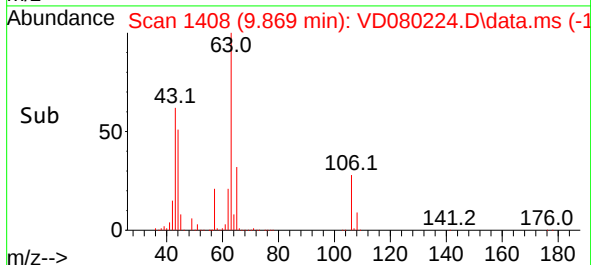
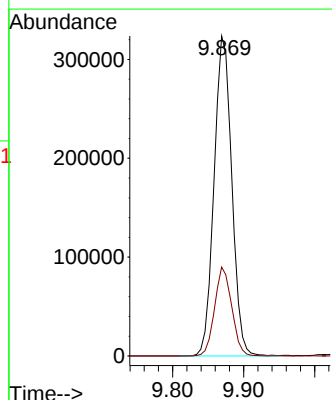
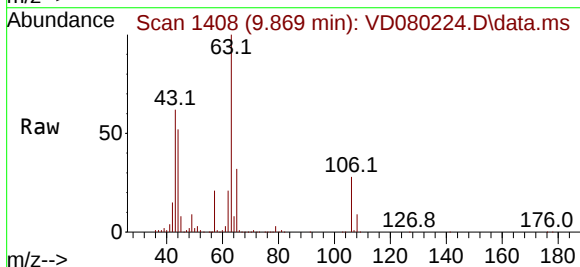
Acq: 03 Feb 2025 12:42

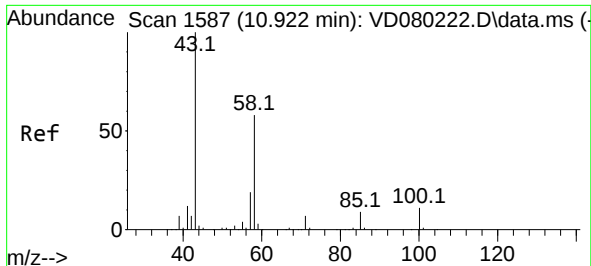
Tgt Ion: 63 Resp: 560691

Ion Ratio Lower Upper

63 100

106 26.8 20.6 30.8

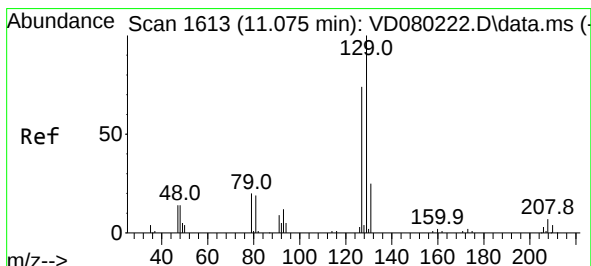
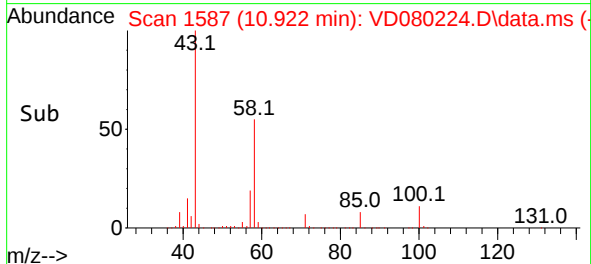
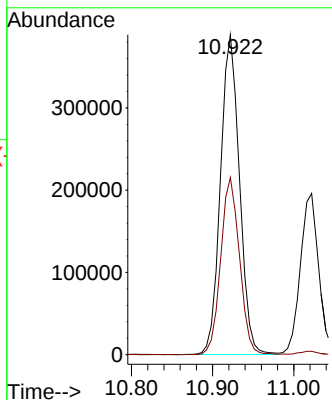
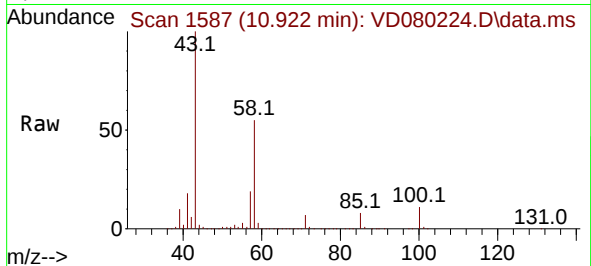




#59
2-Hexanone
Concen: 842.421 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

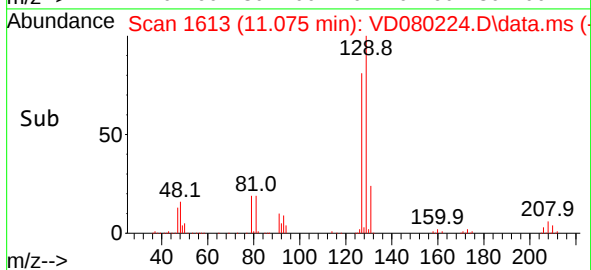
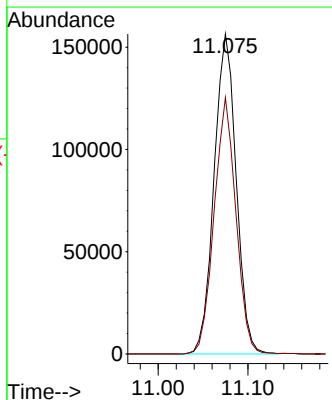
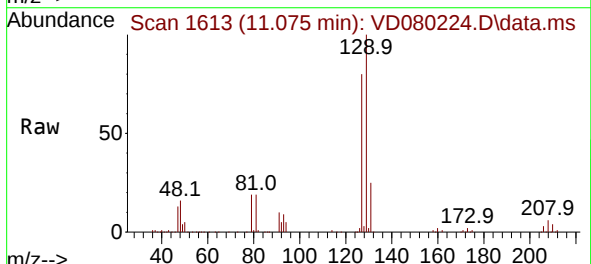
Instrument :
MSVOA_D
ClientSampleId :

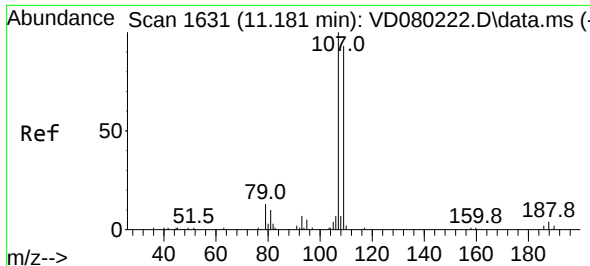
Tgt Ion: 43 Resp: 633650
Ion Ratio Lower Upper
43 100
58 54.9 27.4 82.2



#60
Dibromochloromethane
Concen: 146.167 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion:129 Resp: 267844
Ion Ratio Lower Upper
129 100
127 79.1 38.1 114.5

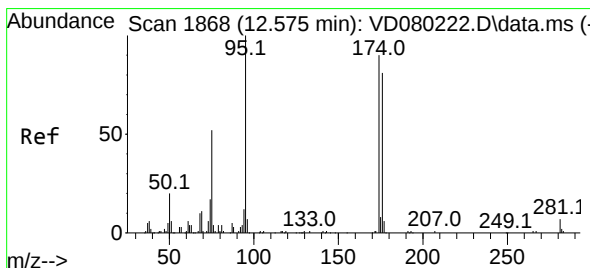
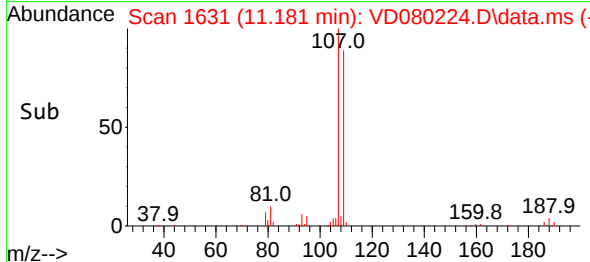
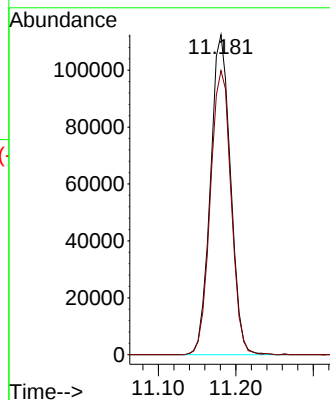
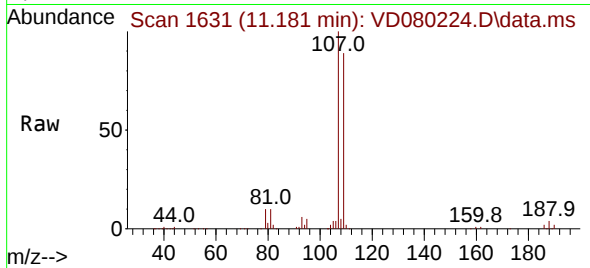




#61
1,2-Dibromoethane
Concen: 149.984 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

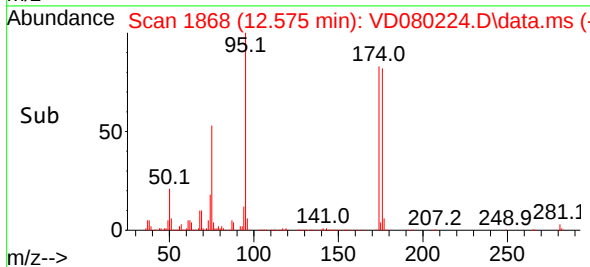
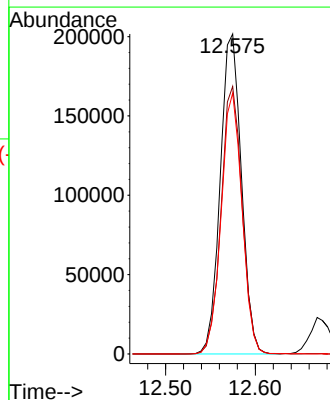
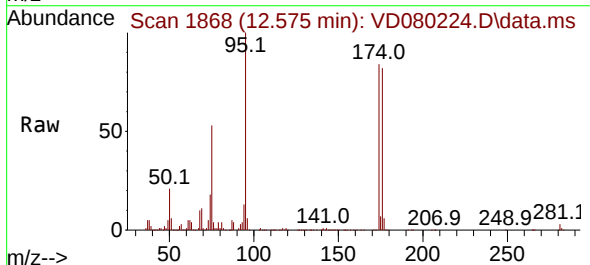
Instrument :
MSVOA_D
ClientSampleId :

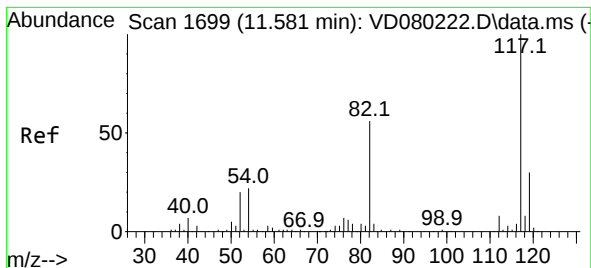
Tgt Ion:107 Resp: 203070
Ion Ratio Lower Upper
107 100
109 91.5 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 152.544 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 95 Resp: 330097
Ion Ratio Lower Upper
95 100
174 83.2 0.0 171.8
176 80.4 0.0 159.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

ClientSampleId :

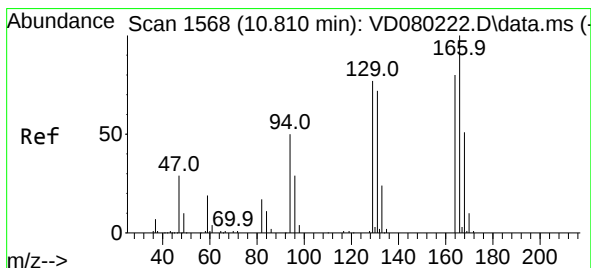
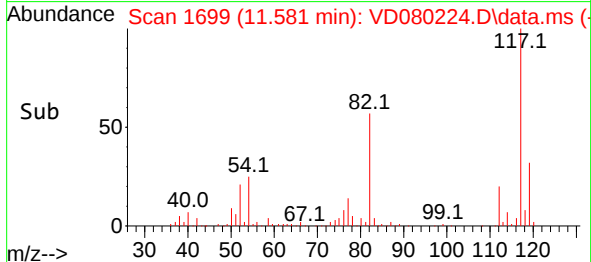
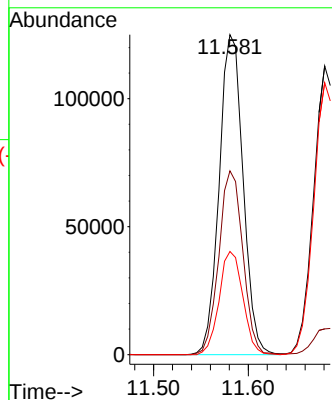
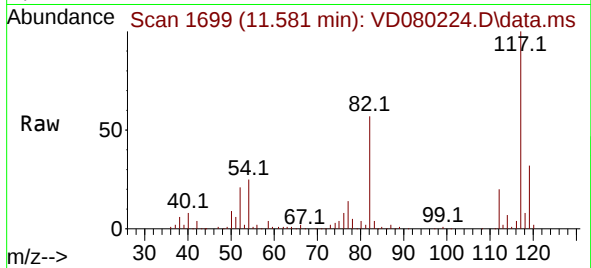
Tgt Ion:117 Resp: 219575

Ion Ratio Lower Upper

117 100

82 57.5 45.0 67.6

119 32.3 24.3 36.5



#64

Tetrachloroethene

Concen: 148.374 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Tgt Ion:164 Resp: 227587

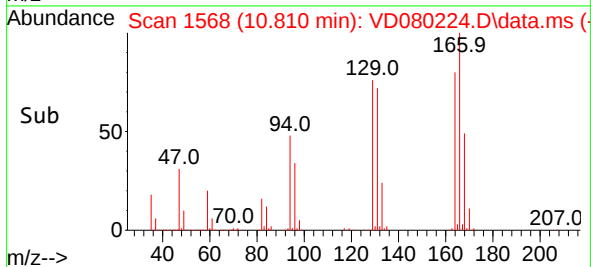
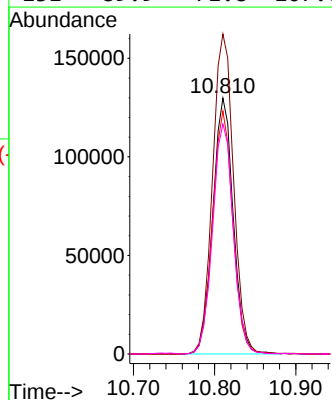
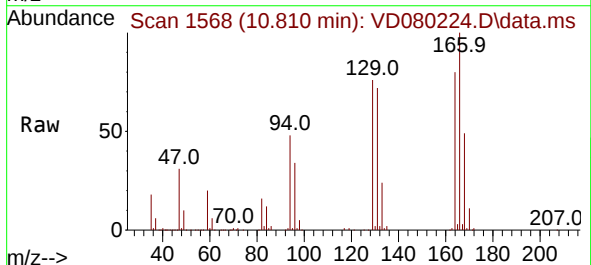
Ion Ratio Lower Upper

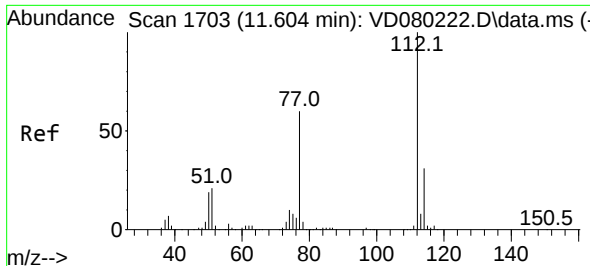
164 100

166 125.1 99.4 149.2

129 95.0 76.3 114.5

131 89.9 71.8 107.6

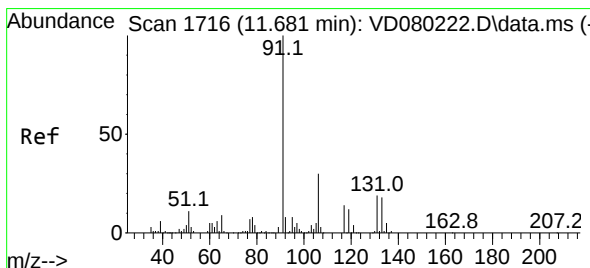
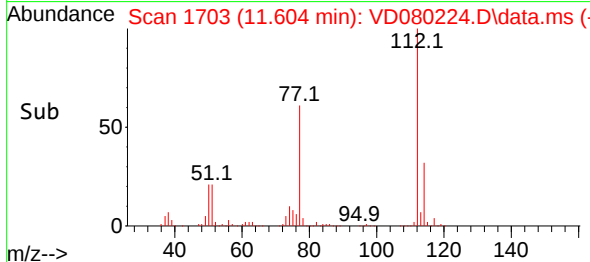
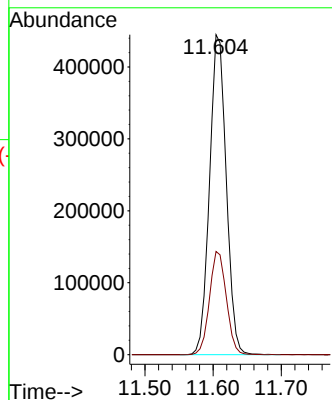
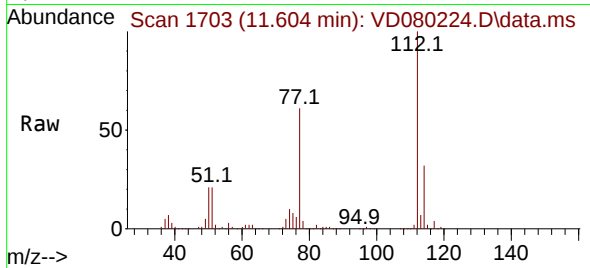




#65
Chlorobenzene
Concen: 150.656 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

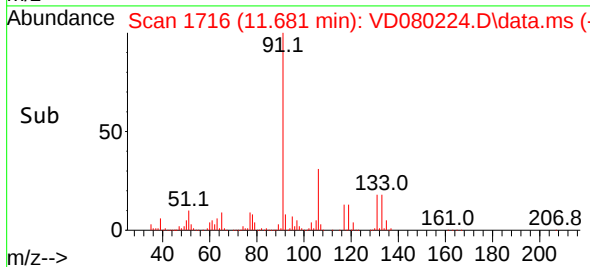
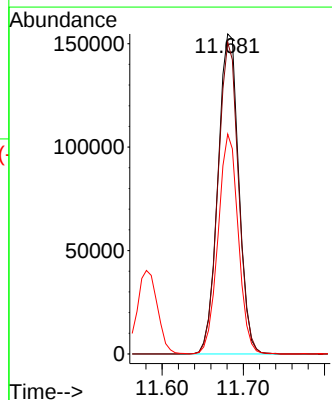
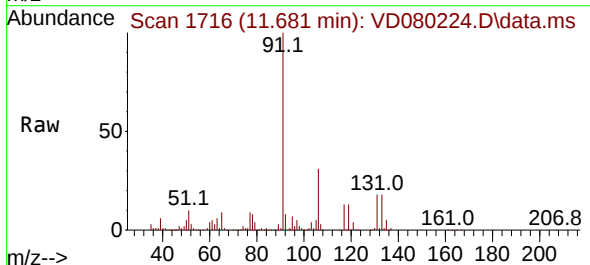
Instrument :
MSVOA_D
ClientSampleId :

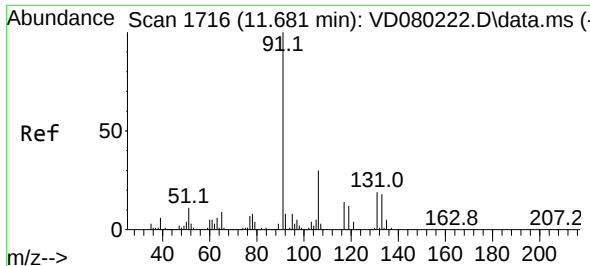
Tgt Ion:112 Resp: 758273
Ion Ratio Lower Upper
112 100
114 32.3 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 157.044 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion:131 Resp: 276514
Ion Ratio Lower Upper
131 100
133 95.9 45.9 137.7
119 66.4 33.9 101.6





#67

Ethyl Benzene

Concen: 177.240 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

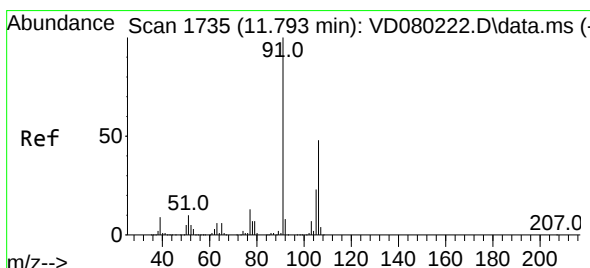
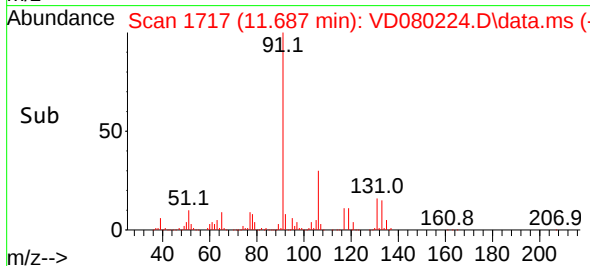
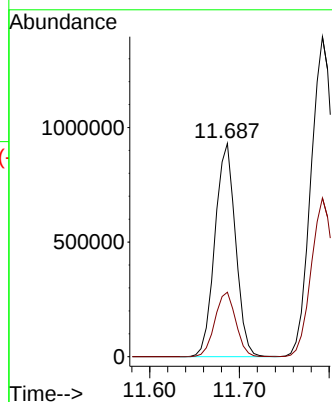
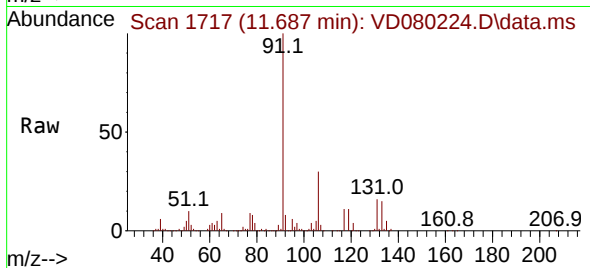
ClientSampleId :

Tgt Ion: 91 Resp: 1483961

Ion Ratio Lower Upper

91 100

106 30.3 23.9 35.9



#68

m/p-Xylenes

Concen: 377.910 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD080224.D

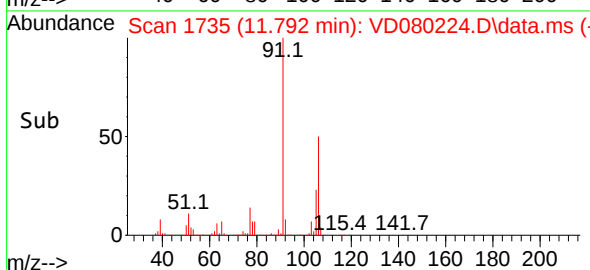
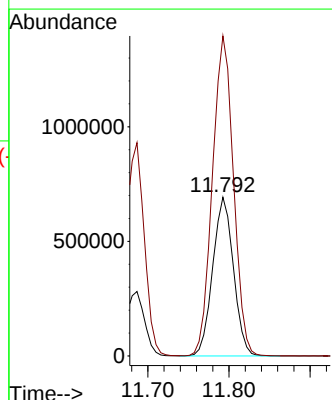
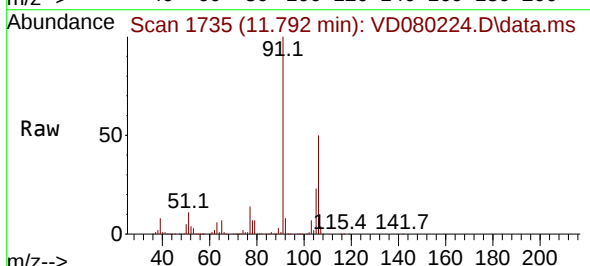
Acq: 03 Feb 2025 12:42

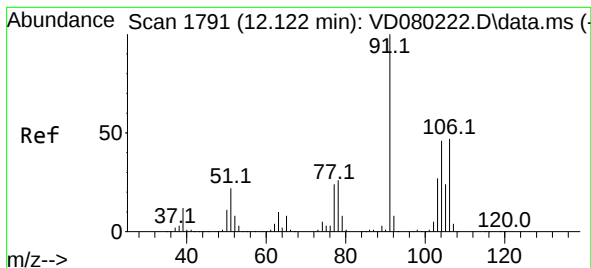
Tgt Ion:106 Resp: 1228363

Ion Ratio Lower Upper

106 100

91 204.9 165.8 248.8





#69

o-Xylene

Concen: 193.825 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

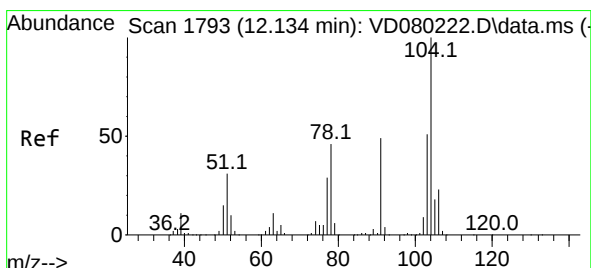
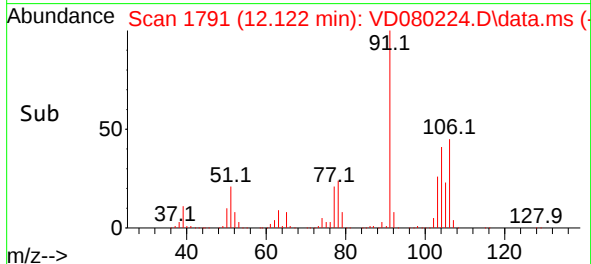
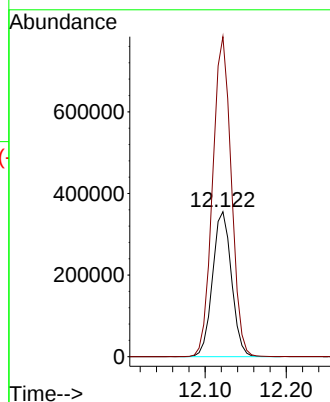
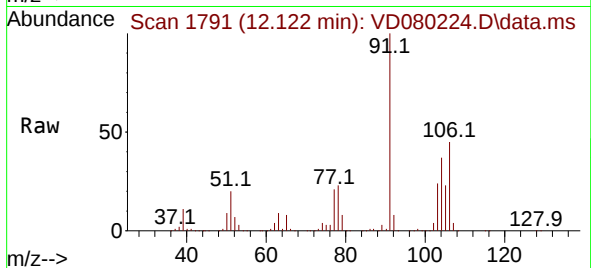
ClientSampleId :

Tgt Ion:106 Resp: 574507

Ion Ratio Lower Upper

106 100

91 218.4 107.7 323.3



#70

Styrene

Concen: 192.886 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

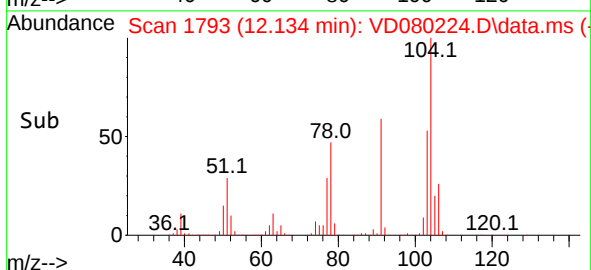
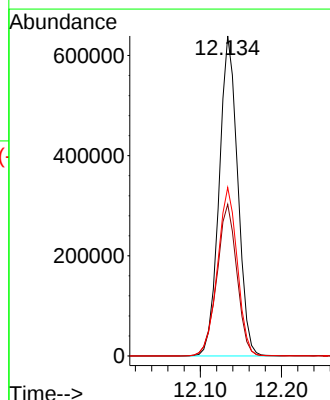
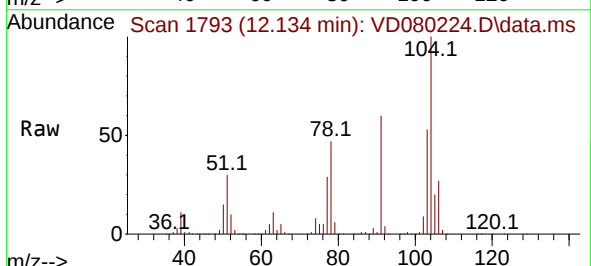
Tgt Ion:104 Resp: 1017681

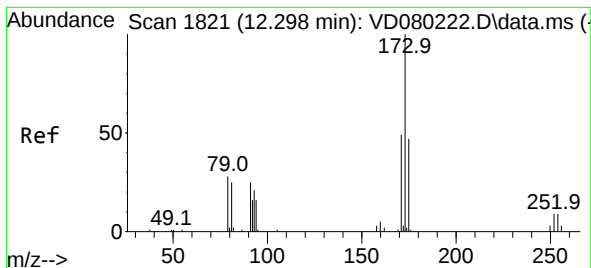
Ion Ratio Lower Upper

104 100

78 50.9 40.7 61.1

103 56.1 45.0 67.4





#71

Bromoform

Concen: 167.288 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

ClientSampleId :

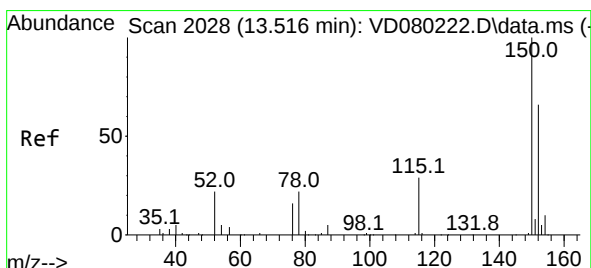
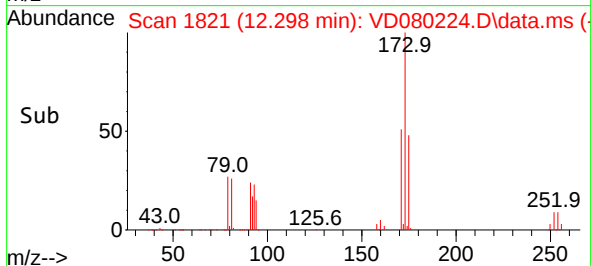
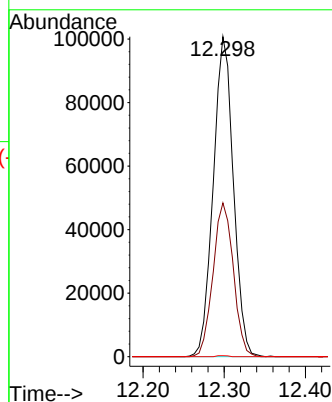
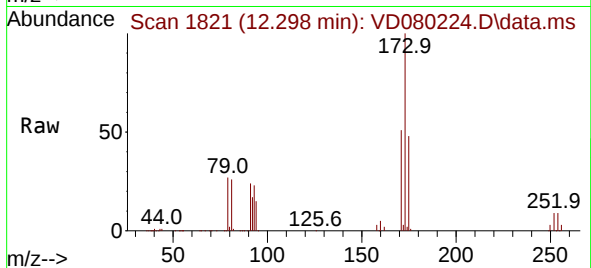
Tgt Ion:173 Resp: 173637

Ion Ratio Lower Upper

173 100

175 48.4 23.4 70.0

254 0.2 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: VD080224.D

Acq: 03 Feb 2025 12:42

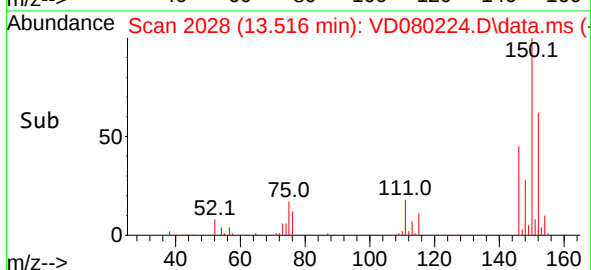
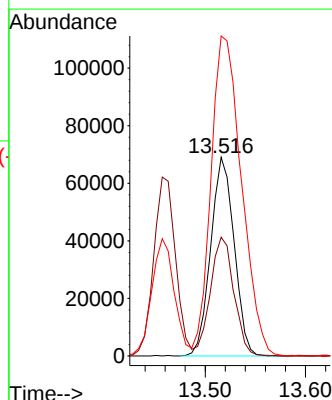
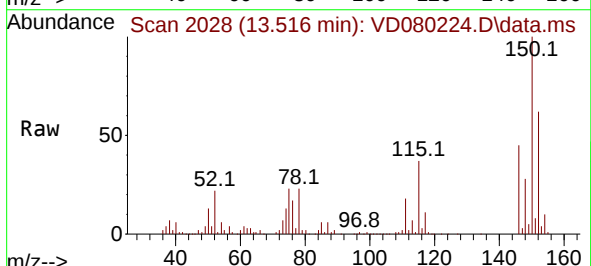
Tgt Ion:152 Resp: 112282

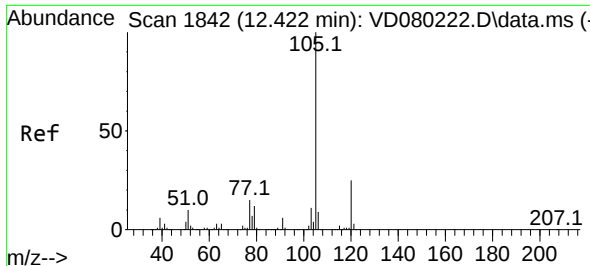
Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.1

150 209.3 0.0 350.4

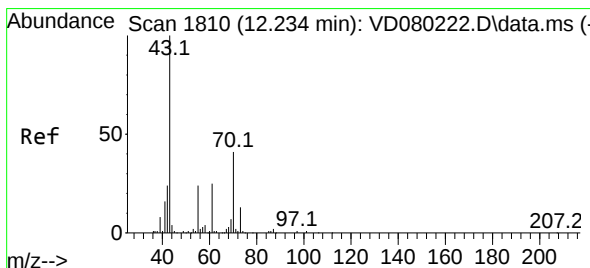
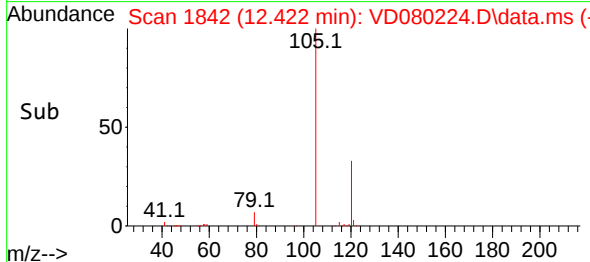
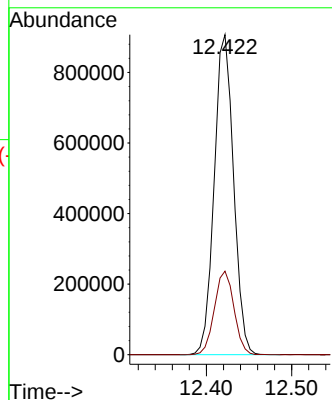
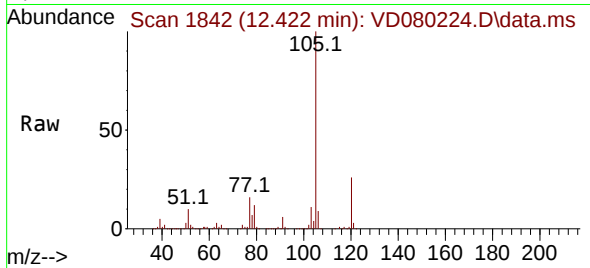




#73
Isopropylbenzene
Concen: 188.162 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

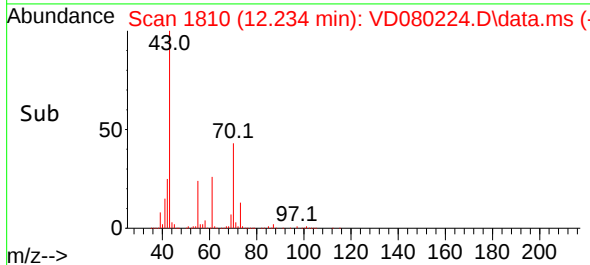
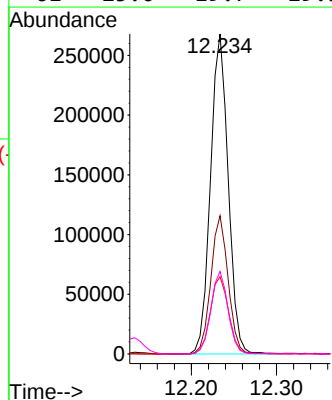
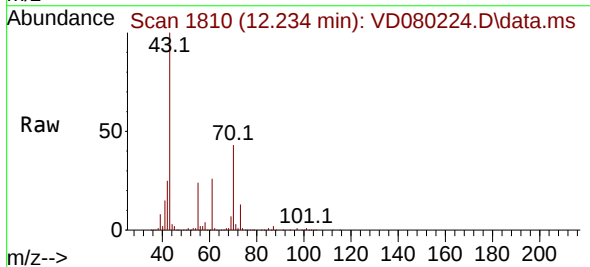
Instrument :
MSVOA_D
ClientSampleId :

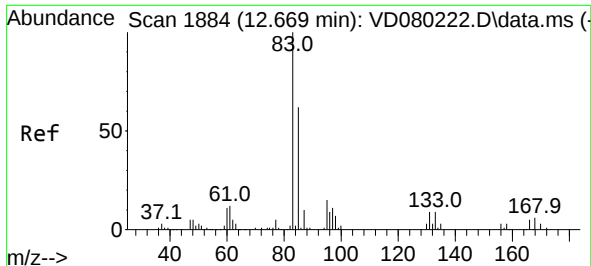
Tgt Ion:105 Resp: 1429028
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6



#74
N-ethyl acetate
Concen: 193.766 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 43 Resp: 386829
Ion Ratio Lower Upper
43 100
70 42.2 33.6 50.4
55 24.9 21.4 32.0
61 25.0 19.7 29.5

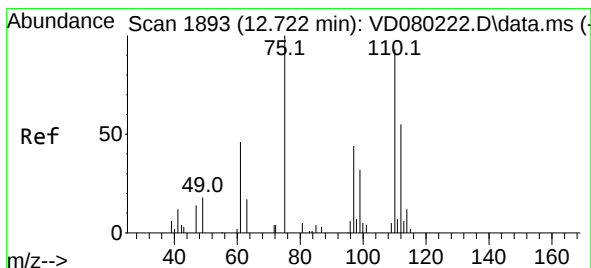
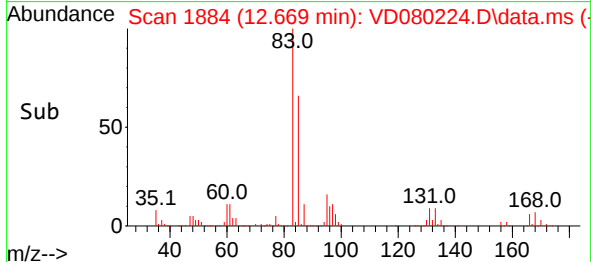
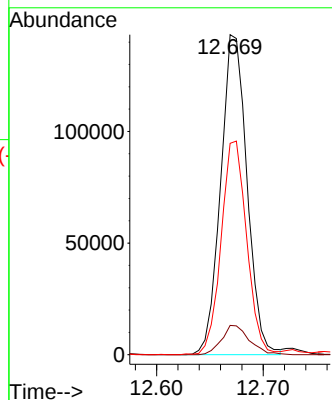
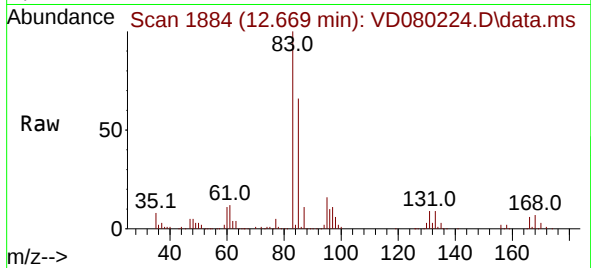




#75
 1,1,2,2-Tetrachloroethane
 Concen: 155.963 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. -0.000 min
 Lab File: VD080224.D
 Acq: 03 Feb 2025 12:42

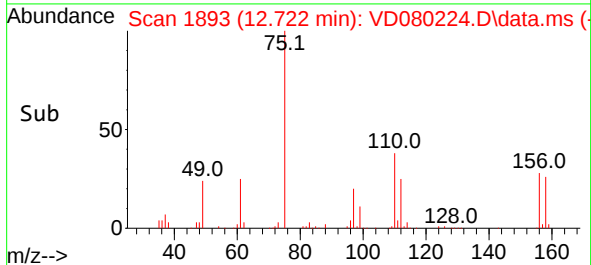
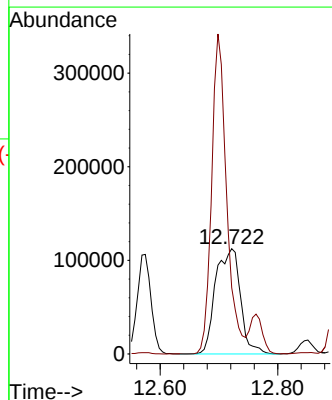
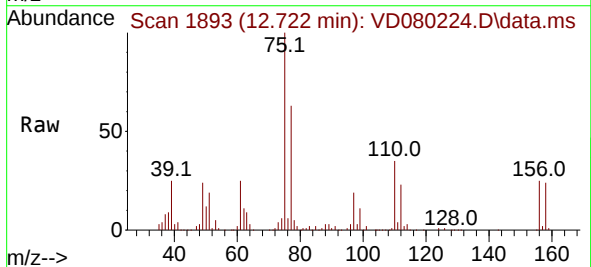
Instrument :
 MSVOA_D
 ClientSampleId :

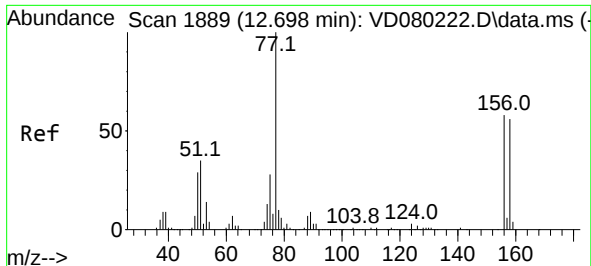
Tgt Ion: 83 Resp: 246479
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.9 14.6
 85 64.6 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 290.525 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD080224.D
 Acq: 03 Feb 2025 12:42

Tgt Ion: 75 Resp: 329955
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

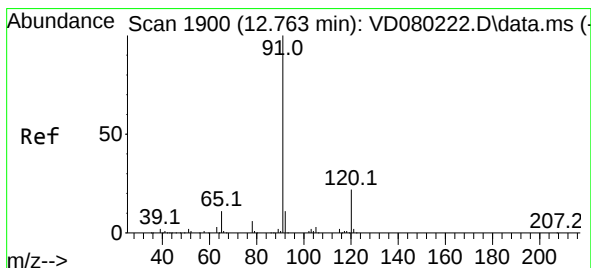
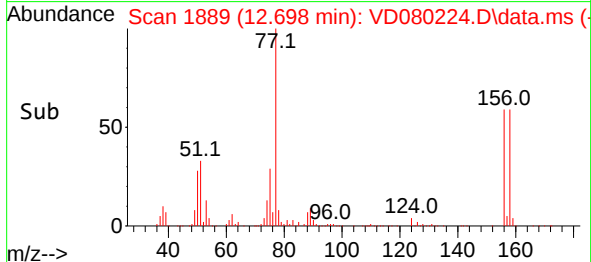
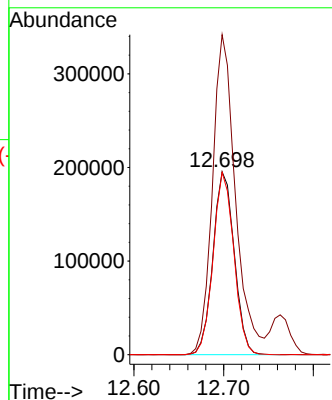
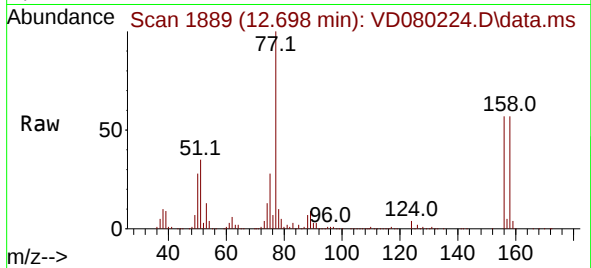




#77
Bromobenzene
Concen: 164.425 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

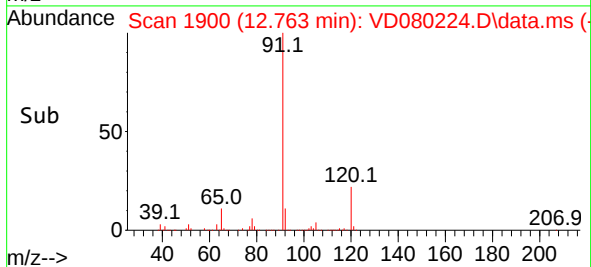
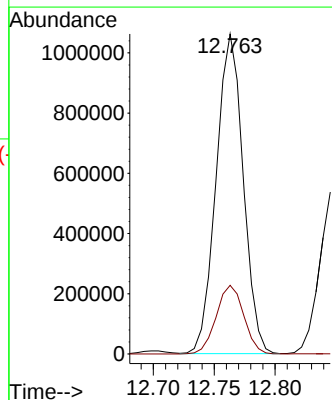
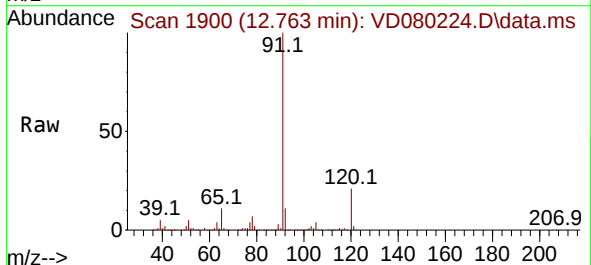
Instrument :
MSVOA_D
ClientSampleId :

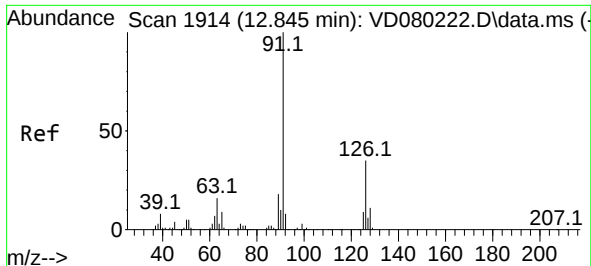
Tgt Ion:156 Resp: 322107
Ion Ratio Lower Upper
156 100
77 189.0 95.2 285.4
158 97.3 47.8 143.3



#78
n-propylbenzene
Concen: 169.799 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 91 Resp: 1641879
Ion Ratio Lower Upper
91 100
120 21.8 11.0 33.0

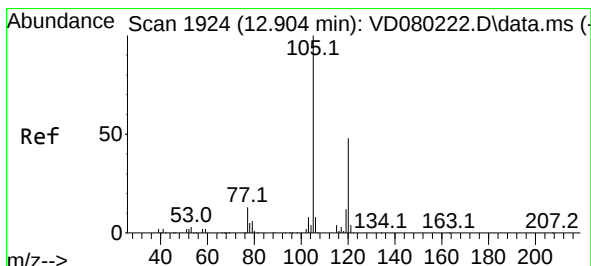
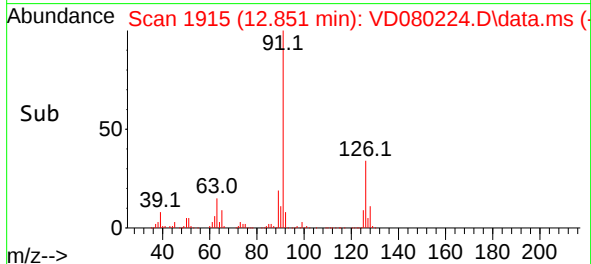
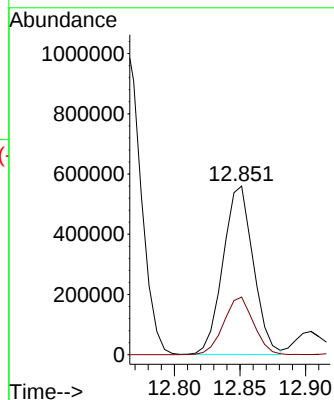
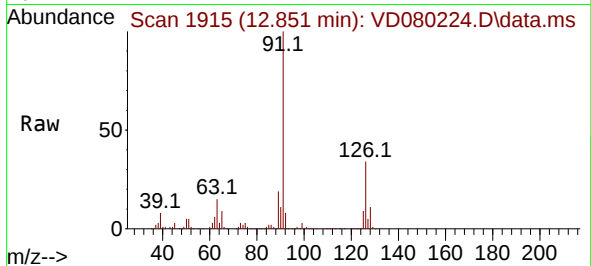




#79
2-Chlorotoluene
Concen: 163.690 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

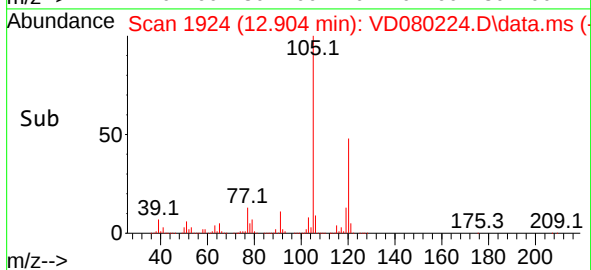
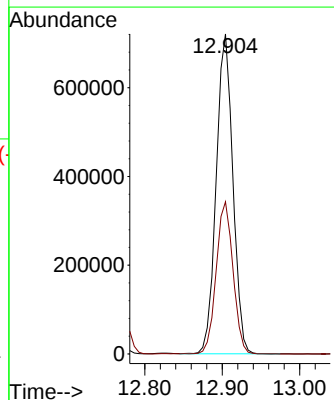
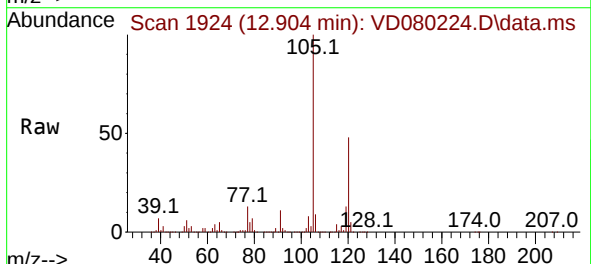
Instrument :
MSVOA_D
ClientSampleId :

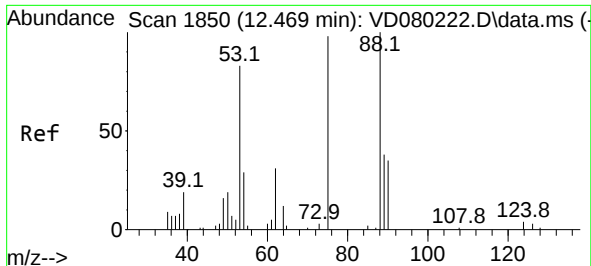
Tgt Ion: 91 Resp: 899200
Ion Ratio Lower Upper
91 100
126 33.8 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 169.444 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion: 105 Resp: 1076221
Ion Ratio Lower Upper
105 100
120 48.0 23.5 70.5

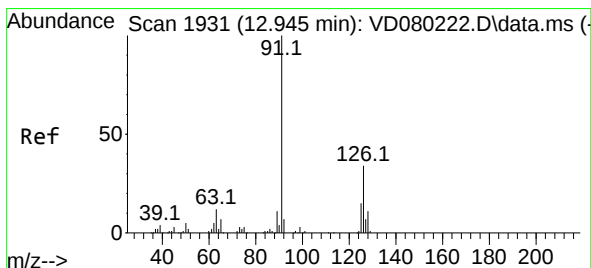
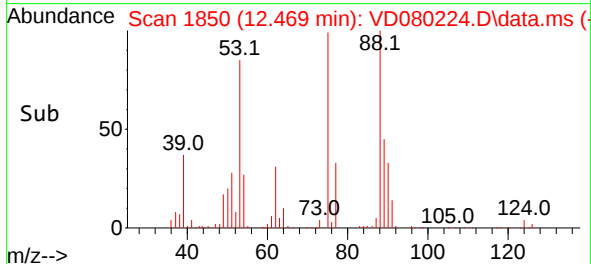
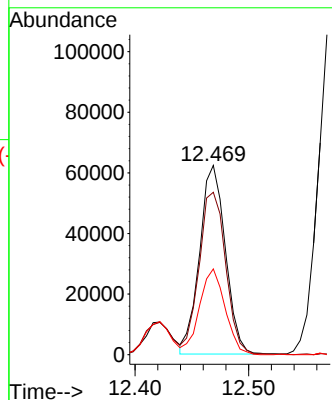
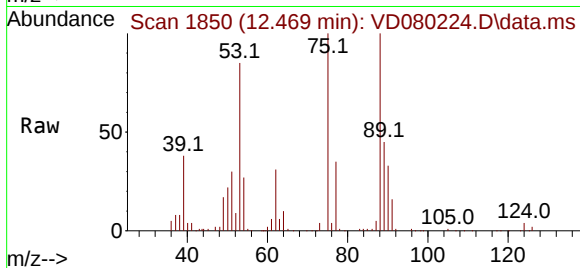




#81
 trans-1,4-Dichloro-2-butene
 Concen: 176.857 ug/l
 RT: 12.469 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VD080224.D
 Acq: 03 Feb 2025 12:42

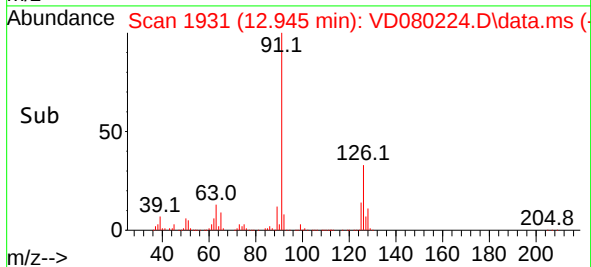
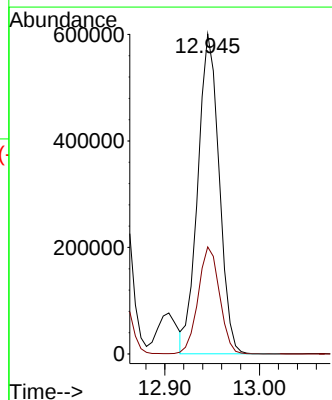
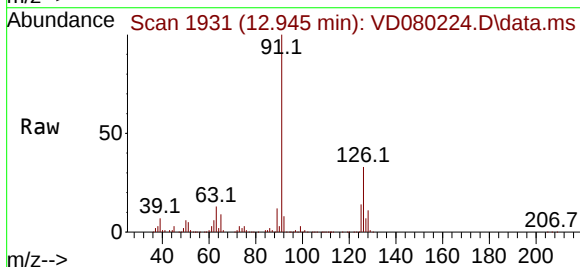
Instrument :
 MSVOA_D
 ClientSampleId :

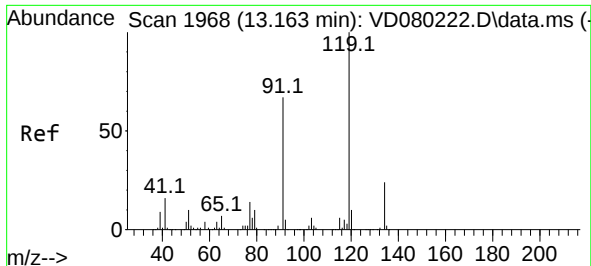
Tgt Ion: 75 Resp: 98230
 Ion Ratio Lower Upper
 75 100
 53 89.6 69.1 103.7
 89 45.2 36.5 54.7



#82
 4-Chlorotoluene
 Concen: 160.848 ug/l
 RT: 12.945 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: VD080224.D
 Acq: 03 Feb 2025 12:42

Tgt Ion: 91 Resp: 938983
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.9 50.6

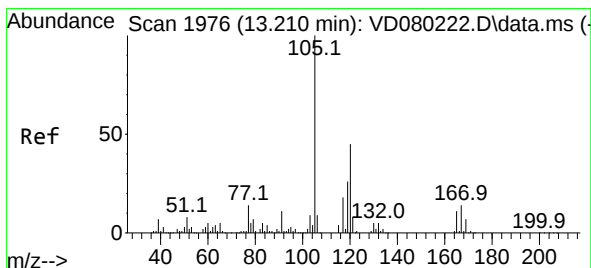
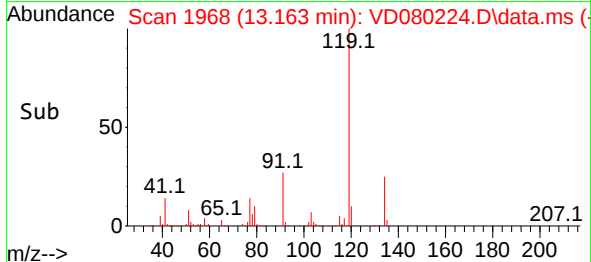
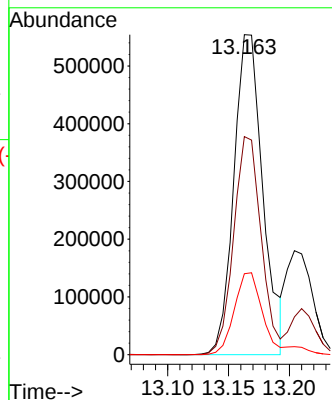
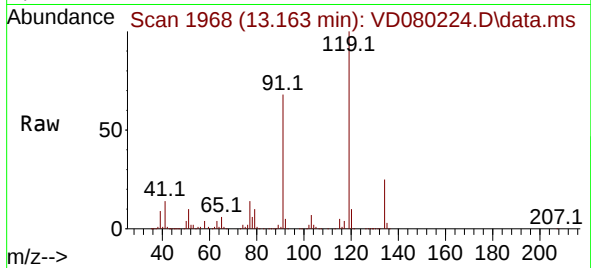




#83
tert-Butylbenzene
Concen: 177.322 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

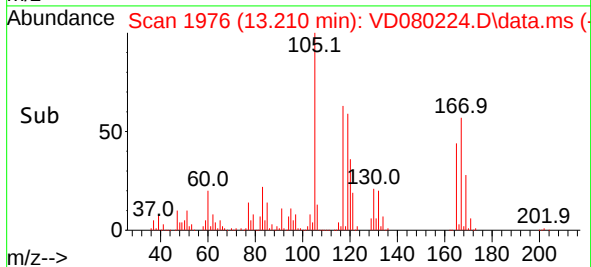
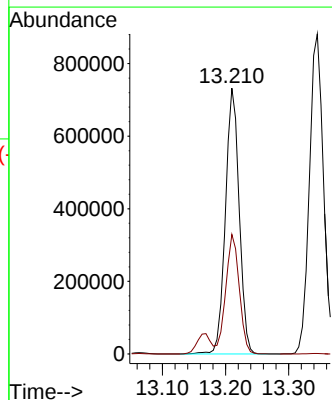
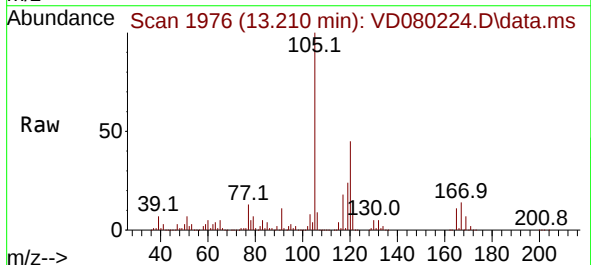
Instrument :
MSVOA_D
ClientSampleId :

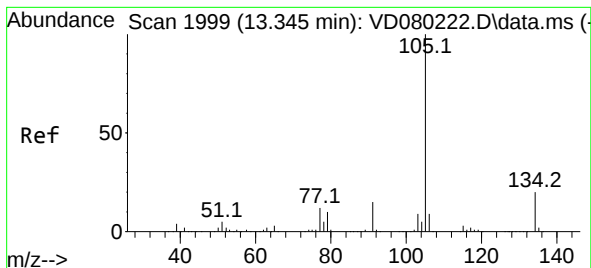
Tgt Ion:119 Resp: 920741
Ion Ratio Lower Upper
119 100
91 64.8 34.5 103.5
134 26.4 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 171.641 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion:105 Resp: 1109644
Ion Ratio Lower Upper
105 100
120 44.4 22.1 66.5





#85

sec-Butylbenzene

Concen: 170.452 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

MSVOA_D

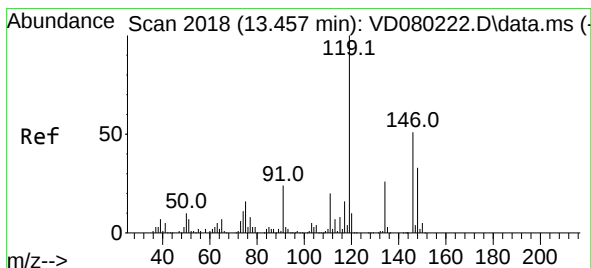
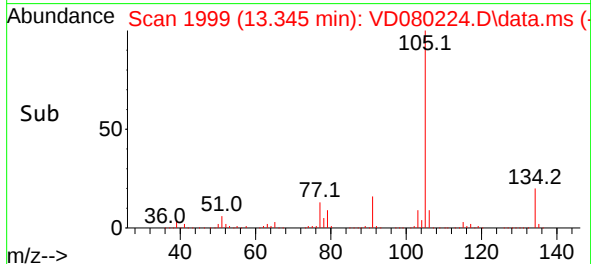
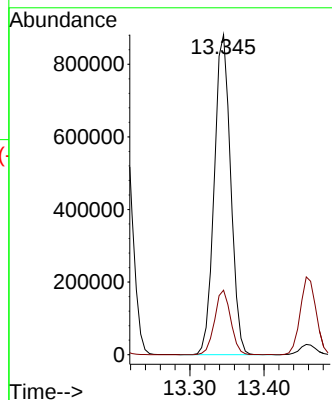
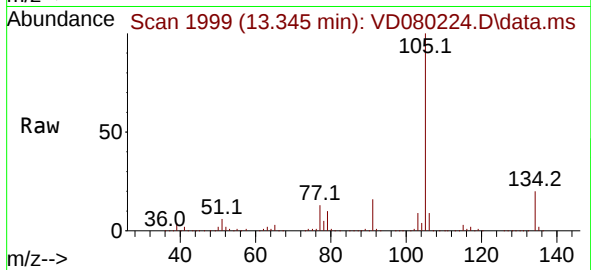
ClientSampleId :

Tgt Ion:105 Resp: 1353251

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.4



#86

p-Isopropyltoluene

Concen: 177.299 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

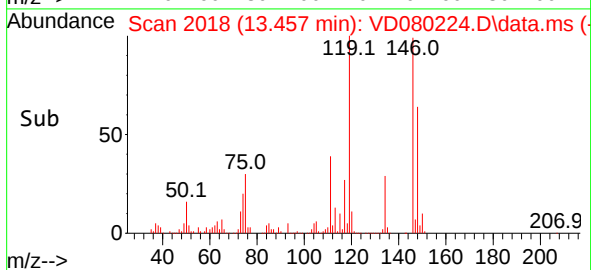
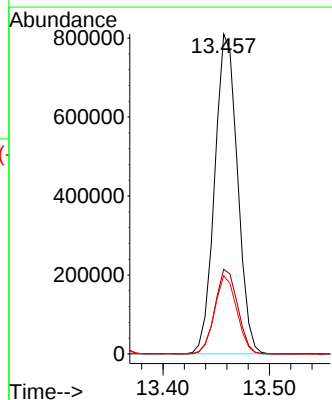
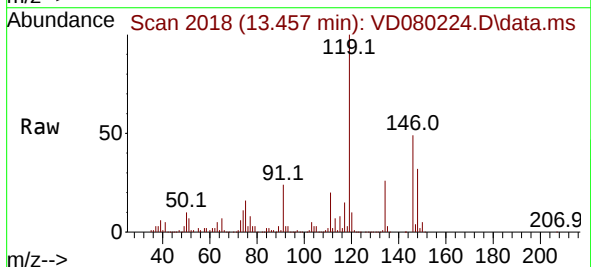
Tgt Ion:119 Resp: 1201930

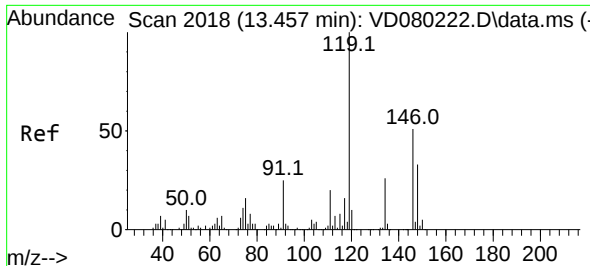
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 24.1 12.4 37.2

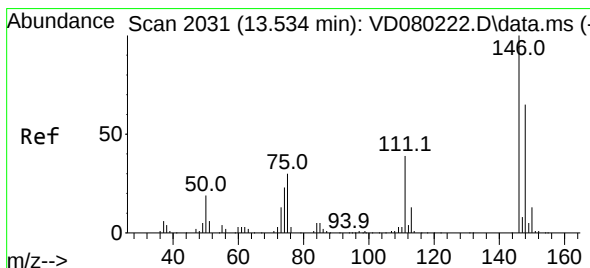
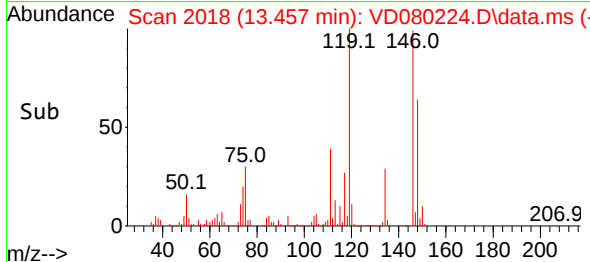
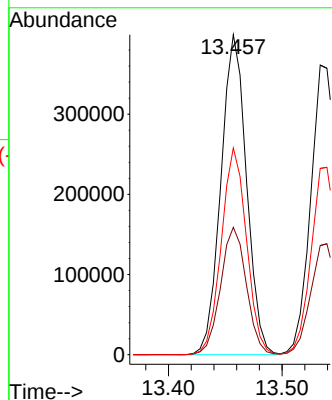
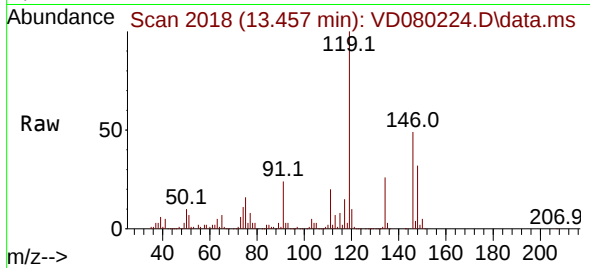




#87
 1,3-Dichlorobenzene
 Concen: 161.900 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD080224.D
 Acq: 03 Feb 2025 12:42

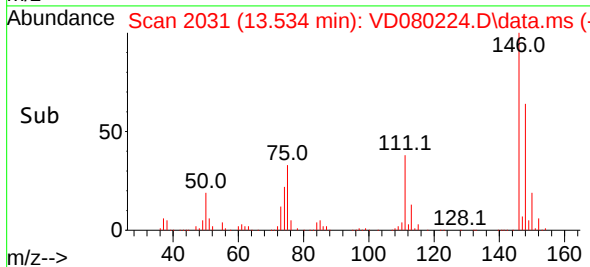
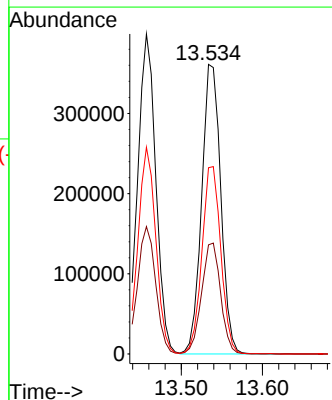
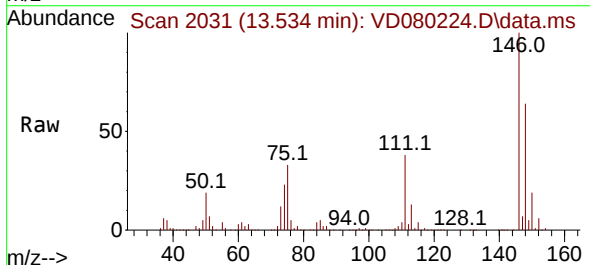
Instrument :
 MSVOA_D
 ClientSampleId :

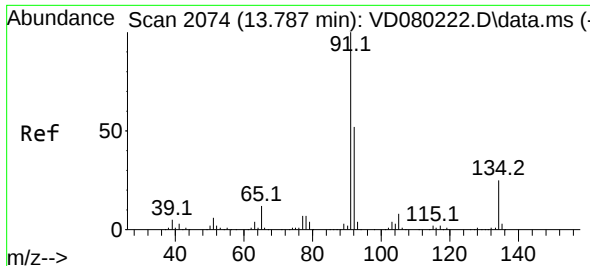
Tgt Ion:146 Resp: 624688
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.5 61.6
 148 63.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 151.216 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: VD080224.D
 Acq: 03 Feb 2025 12:42

Tgt Ion:146 Resp: 590540
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.7 59.0
 148 64.2 32.3 96.8

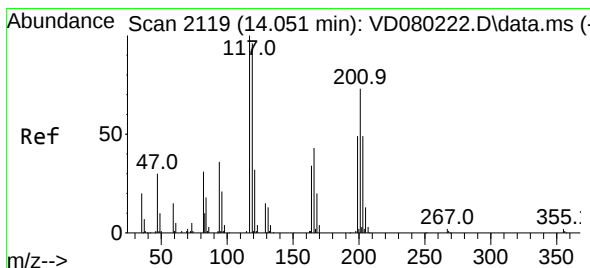
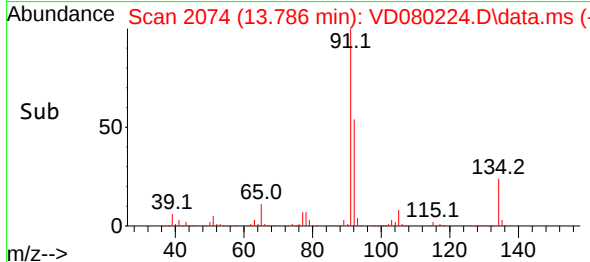
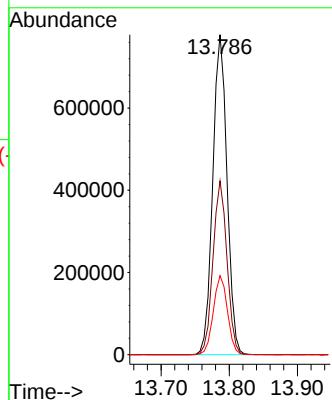
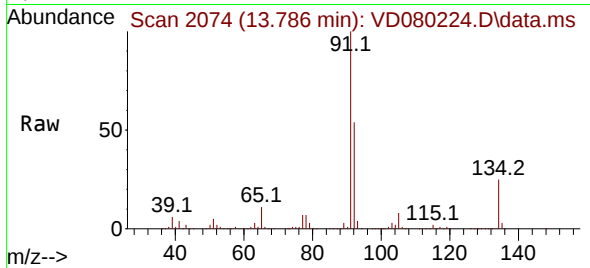




#89
n-Butylbenzene
Concen: 171.811 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

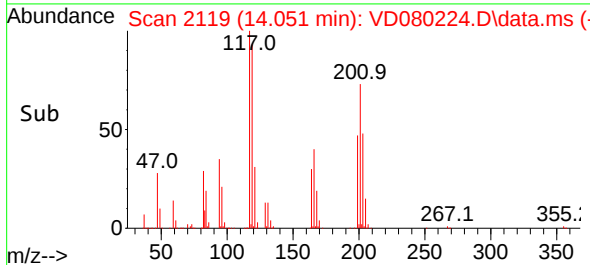
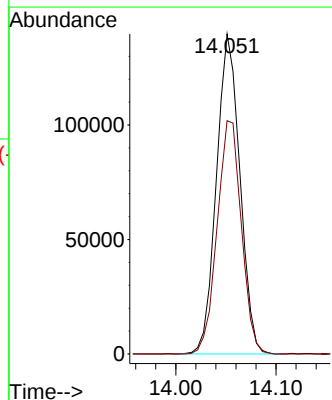
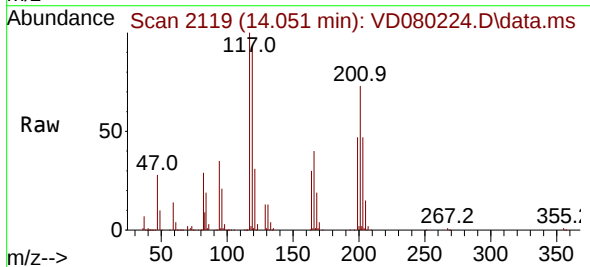
Instrument :
MSVOA_D
ClientSampleId :

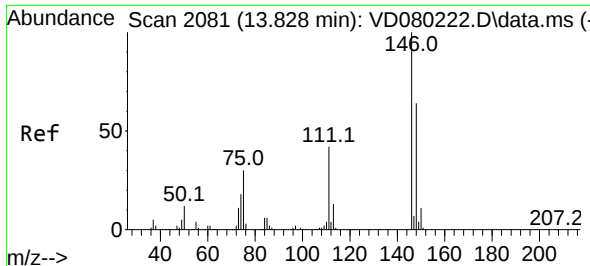
Tgt Ion: 91 Resp: 1131823
Ion Ratio Lower Upper
91 100
92 53.4 26.1 78.2
134 24.5 12.4 37.0



#90
Hexachloroethane
Concen: 150.667 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

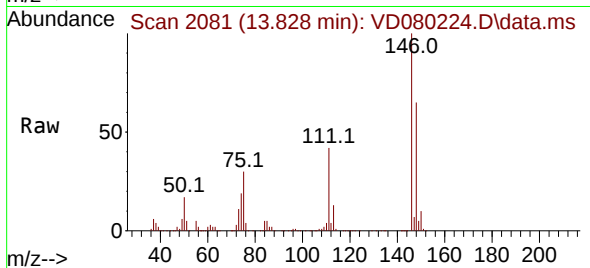
Tgt Ion: 117 Resp: 227001
Ion Ratio Lower Upper
117 100
201 75.2 36.0 108.0



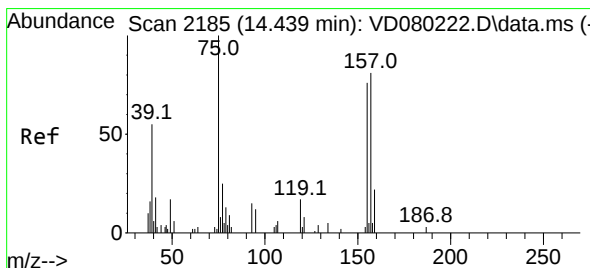
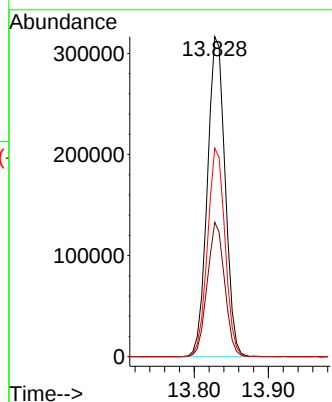
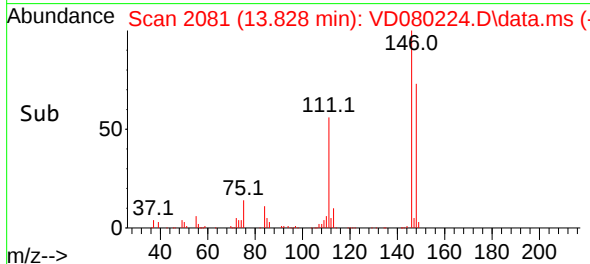


#91
 1,2-Dichlorobenzene
 Concen: 154.829 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VD080224.D
 Acq: 03 Feb 2025 12:42

Instrument :
 MSVOA_D
 ClientSampleId :

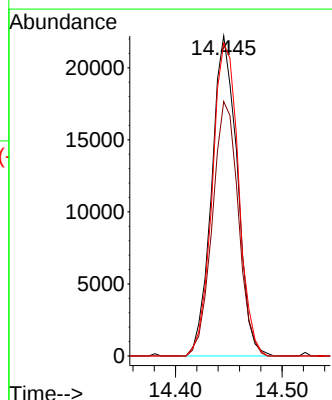
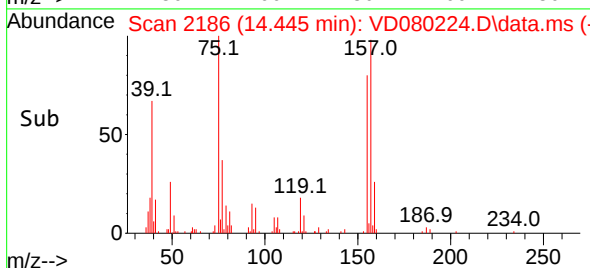
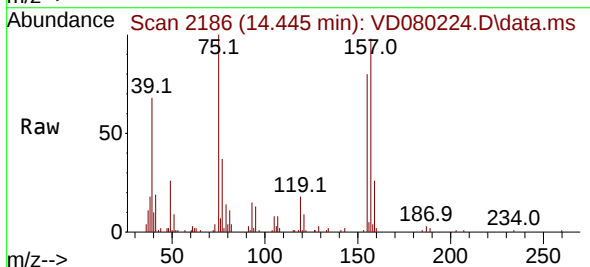


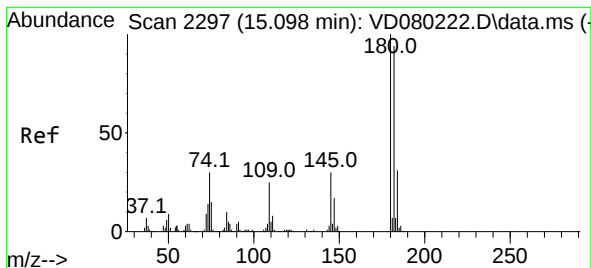
Tgt Ion:146 Resp: 526400
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.0 63.0
 148 64.3 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 146.722 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.006 min
 Lab File: VD080224.D
 Acq: 03 Feb 2025 12:42

Tgt Ion: 75 Resp: 36891
 Ion Ratio Lower Upper
 75 100
 155 81.0 41.5 124.6
 157 100.4 50.5 151.5





#93

1,2,4-Trichlorobenzene

Concen: 183.377 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

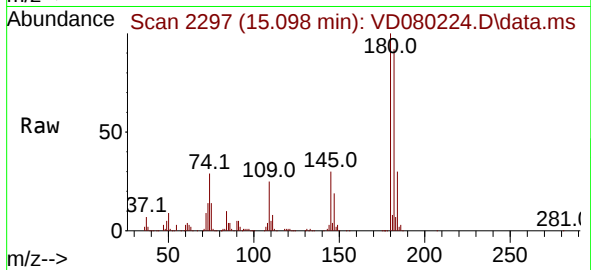
Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Instrument :

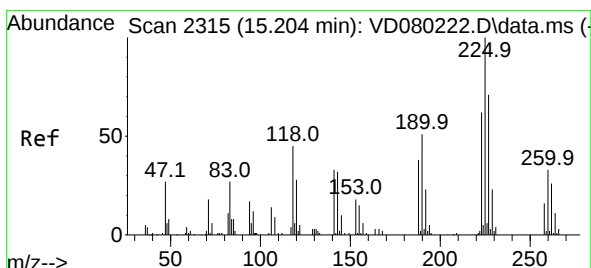
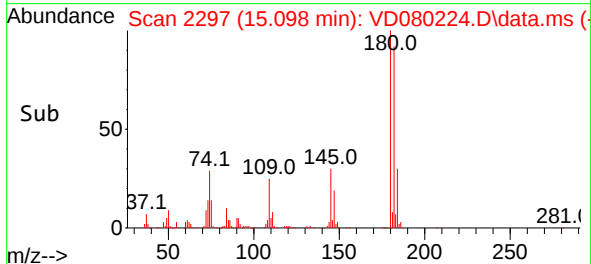
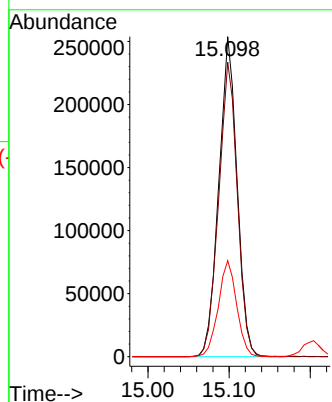
MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 397415

Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.5	142.5
145	30.1	14.6	44.0



#94

Hexachlorobutadiene

Concen: 179.248 ug/l

RT: 15.204 min Scan# 2315

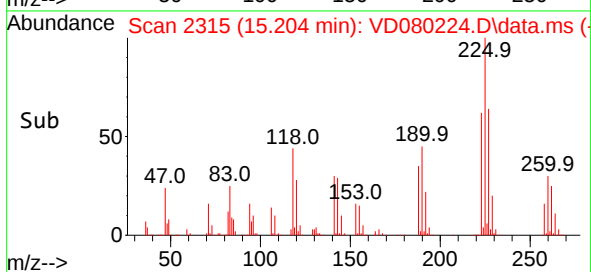
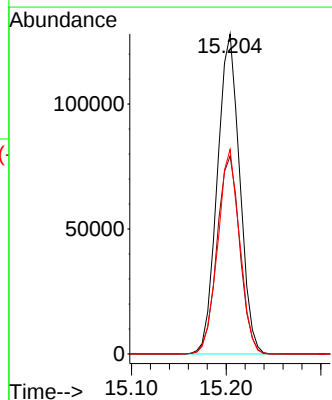
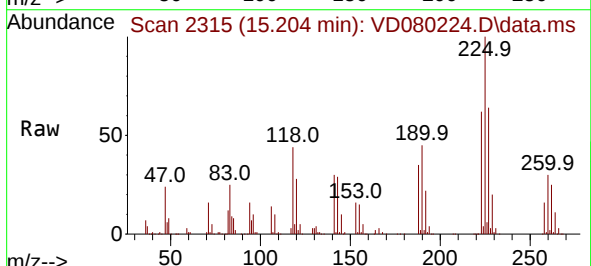
Delta R.T. -0.000 min

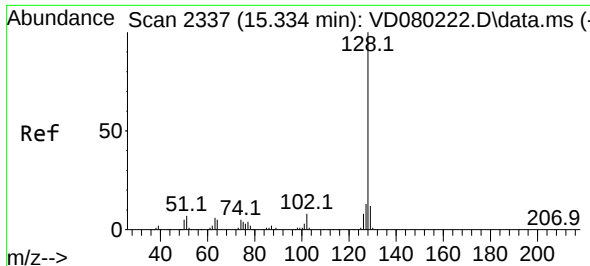
Lab File: VD080224.D

Acq: 03 Feb 2025 12:42

Tgt Ion:225 Resp: 210389

Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.3	93.8
227	62.5	32.4	97.2

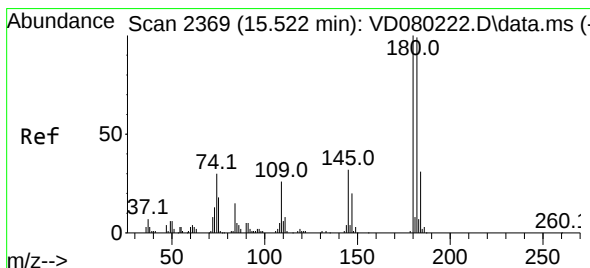
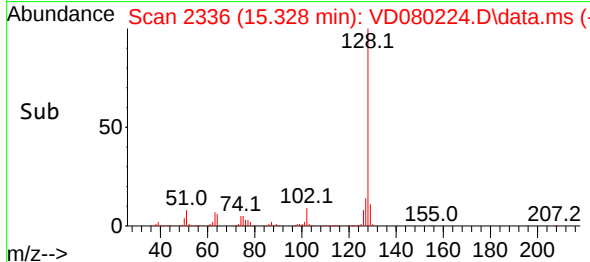
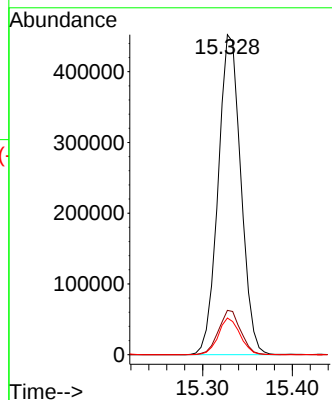
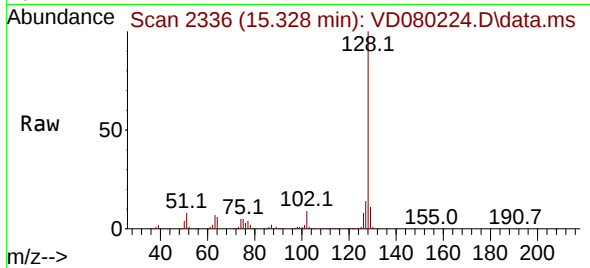




#95
Naphthalene
Concen: 150.585 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 795921
Ion Ratio Lower Upper
128 100
127 13.8 10.6 15.8
129 11.5 9.4 14.0



#96
1,2,3-Trichlorobenzene
Concen: 188.687 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD080224.D
Acq: 03 Feb 2025 12:42

Tgt Ion:180 Resp: 369034
Ion Ratio Lower Upper
180 100
182 94.7 47.3 142.0
145 31.3 15.6 46.7

