

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051324\
 Data File : VD078909.D
 Acq On : 13 May 2024 12:12
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 14 06:09:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 05:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	155060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	244903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	126344	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	128951	88.659	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 177.320%#	
35) Dibromofluoromethane	7.804	113	148570	91.134	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 182.260%#	
50) Toluene-d8	10.269	98	584963	95.715	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 191.440%#	
62) 4-Bromofluorobenzene	12.575	95	167407	97.507	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 195.020%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	134375	92.743	ug/l	97
3) Chloromethane	2.146	50	195416	103.736	ug/l	96
4) Vinyl Chloride	2.281	62	315893	103.327	ug/l	100
5) Bromomethane	2.687	94	296745	99.967	ug/l	98
6) Chloroethane	2.834	64	268611	96.850	ug/l	95
7) Trichlorofluoromethane	3.169	101	306467	100.919	ug/l	98
8) Diethyl Ether	3.593	74	74439	104.330	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	152292	94.970	ug/l	98
10) Methyl Iodide	4.157	142	207978	108.557	ug/l	99
11) Tert butyl alcohol	5.052	59	34033	521.788	ug/l #	92
12) 1,1-Dichloroethene	3.940	96	152766	97.322	ug/l	94
13) Acrolein	3.793	56	65833	454.686	ug/l	100
14) Allyl chloride	4.557	41	163137	106.509	ug/l	98
15) Acrylonitrile	5.257	53	147761	525.571	ug/l	95
16) Acetone	4.016	43	126101	543.755	ug/l	99
17) Carbon Disulfide	4.269	76	463040	103.324	ug/l	99
18) Methyl Acetate	4.569	43	52118	97.604	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	333740	109.117	ug/l	92
20) Methylene Chloride	4.804	84	178162	102.727	ug/l	98
21) trans-1,2-Dichloroethene	5.310	96	174537	99.759	ug/l	98
22) Diisopropyl ether	6.216	45	362635	104.678	ug/l	98
23) Vinyl Acetate	6.157	43	1128224	542.974	ug/l	97
24) 1,1-Dichloroethane	6.110	63	265608	96.715	ug/l	99
25) 2-Butanone	7.087	43	168537	543.372	ug/l	94
26) 2,2-Dichloropropane	7.075	77	233492	96.748	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	208427	101.451	ug/l	99
28) Bromochloromethane	7.422	49	95356	104.115	ug/l	99
29) Tetrahydrofuran	7.446	42	97745	544.838	ug/l	97
30) Chloroform	7.593	83	300269	96.533	ug/l	100
31) Cyclohexane	7.881	56	201118	94.646	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	261241	98.071	ug/l	98
36) 1,1-Dichloropropene	8.004	75	208196	102.627	ug/l	98
37) Ethyl Acetate	7.163	43	73939	106.946	ug/l	100
38) Carbon Tetrachloride	7.993	117	243243	102.457	ug/l	99
39) Methylcyclohexane	9.275	83	267686	108.598	ug/l	98
40) Benzene	8.251	78	679024	103.486	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	38068	102.330	ug/l	96
42) 1,2-Dichloroethane	8.322	62	154499	97.279	ug/l	99
43) Isopropyl Acetate	8.363	43	137983	112.480	ug/l	99
44) Trichloroethene	9.028	130	175983	101.117	ug/l	95
45) 1,2-Dichloropropane	9.304	63	144767	100.401	ug/l	99
46) Dibromomethane	9.392	93	95080	100.168	ug/l	99
47) Bromodichloromethane	9.581	83	233953	102.390	ug/l	98
48) Methyl methacrylate	9.381	41	64731	108.394	ug/l	97
49) 1,4-Dioxane	9.387	88	19732	2363.220	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	357841	547.657	ug/l	99
52) Toluene	10.334	92	458218	109.097	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	210049	108.183	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	247146	106.051	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	125998	102.744	ug/l	97
56) Ethyl methacrylate	10.598	69	147663	117.034	ug/l	97
57) 1,3-Dichloropropane	10.875	76	201738	105.646	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	299726	552.879	ug/l	100
59) 2-Hexanone	10.922	43	259548	570.688	ug/l	94
60) Dibromochloromethane	11.075	129	174275	104.247	ug/l	99
61) 1,2-Dibromoethane	11.181	107	120016	107.335	ug/l	95
64) Tetrachloroethene	10.810	164	157397	105.460	ug/l	94
65) Chlorobenzene	11.604	112	510200	104.267	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	181292	107.170	ug/l	98
67) Ethyl Benzene	11.681	91	894903	113.703	ug/l	98
68) m/p-Xylenes	11.792	106	729168	227.875	ug/l	98
69) o-Xylene	12.122	106	333741	114.405	ug/l	93
70) Styrene	12.133	104	601306	116.303	ug/l	99
71) Bromoform	12.298	173	100509	103.722	ug/l #	97
73) Isopropylbenzene	12.422	105	847909	112.441	ug/l	99
74) N-amyl acetate	12.233	43	133586	109.176	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	138299	101.674	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	169492	189.162	ug/l #	100
77) Bromobenzene	12.698	156	209763	105.781	ug/l	94
78) n-propylbenzene	12.763	91	1004441	110.202	ug/l	100
79) 2-Chlorotoluene	12.845	91	544798	107.542	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	713572	113.896	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	48650	108.463	ug/l	99
82) 4-Chlorotoluene	12.945	91	572971	107.811	ug/l	99
83) tert-Butylbenzene	13.163	119	644084	116.243	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	736707	113.523	ug/l	99
85) sec-Butylbenzene	13.345	105	930894	112.628	ug/l	99
86) p-Isopropyltoluene	13.457	119	835021	115.958	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	445146	106.081	ug/l	98
88) 1,4-Dichlorobenzene	13.533	146	421973	102.682	ug/l	98
89) n-Butylbenzene	13.786	91	721555	111.824	ug/l	99
90) Hexachloroethane	14.051	117	154151	101.486	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	365807	104.187	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	19321	106.695	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	226099	109.676	ug/l	96
94) Hexachlorobutadiene	15.204	225	115565	107.268	ug/l	96
95) Naphthalene	15.327	128	432574	123.186	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	204378	111.448	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue May 14 05:58:29 2024
Response via : Initial Calibration

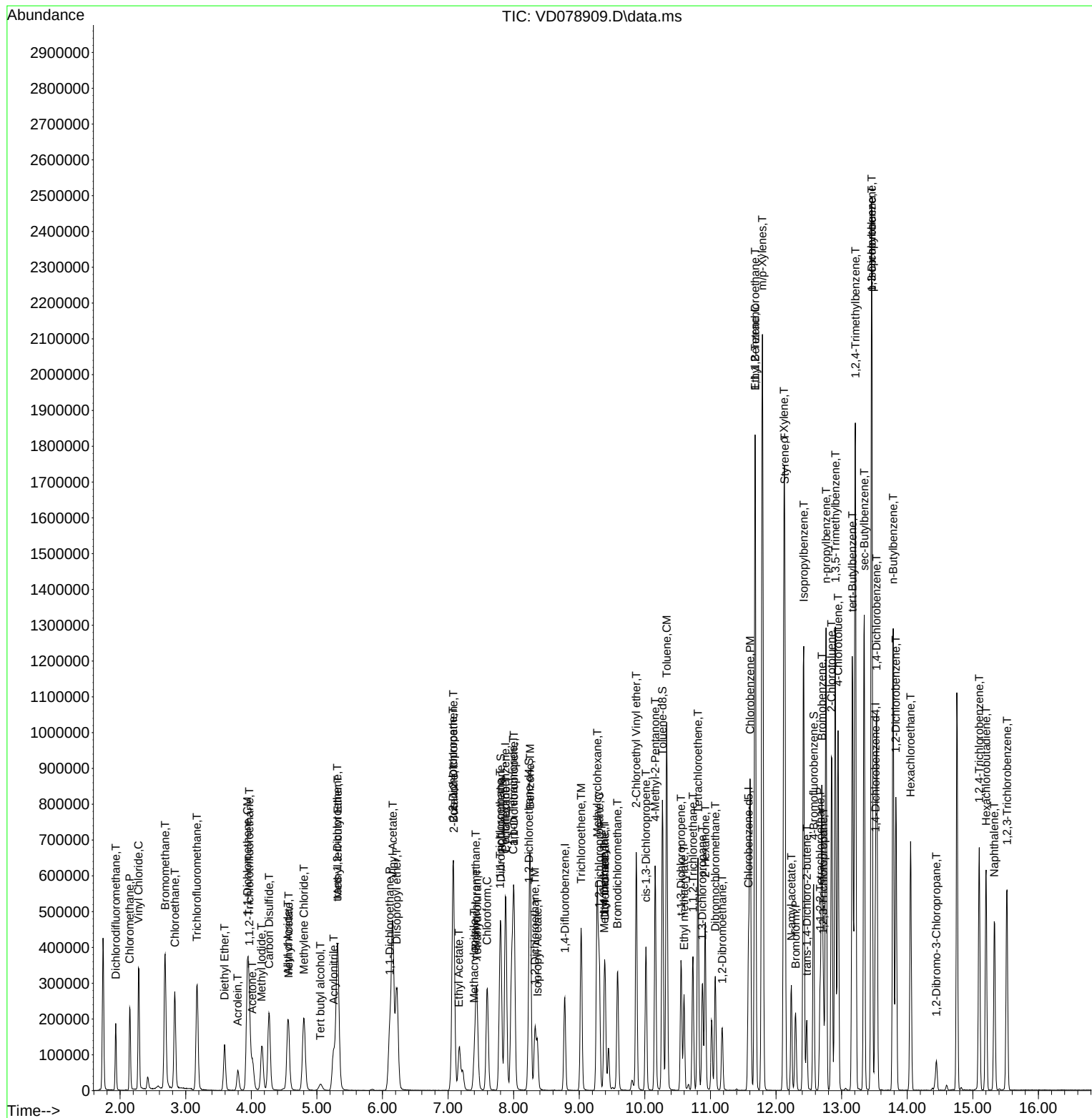
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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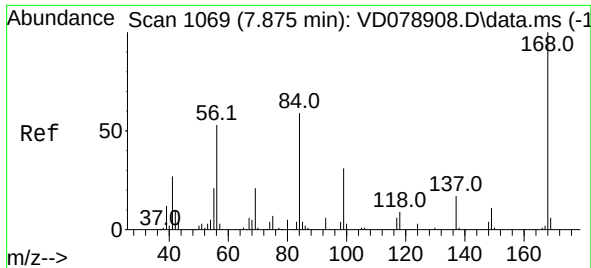
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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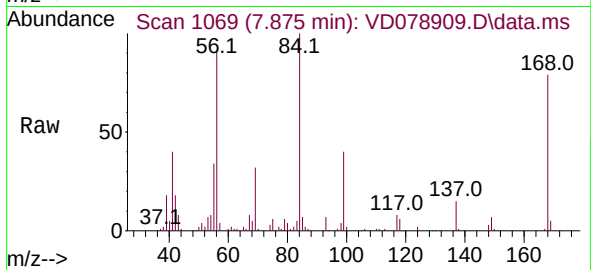
Quant Time: May 14 06:09:23 2024
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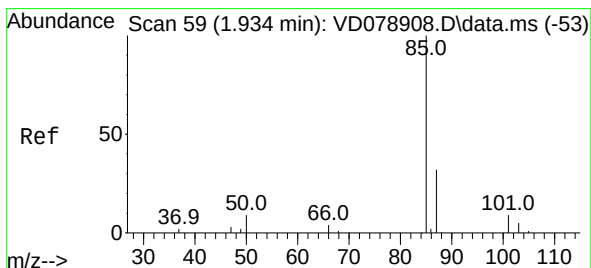
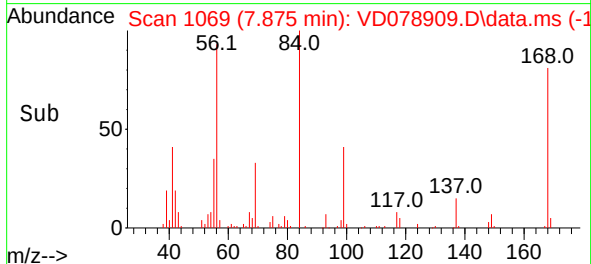
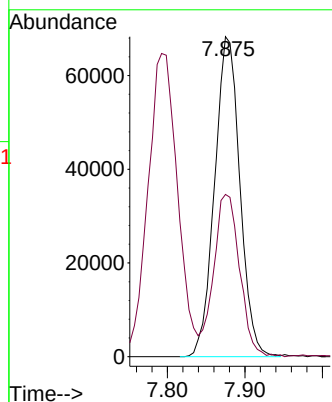


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
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ClientSampleId :

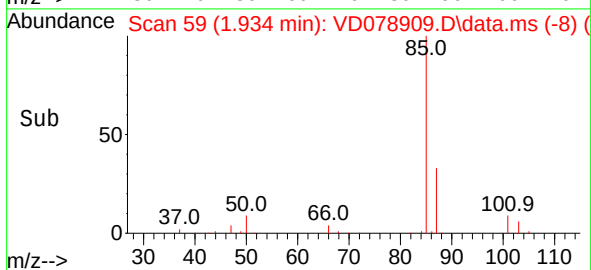
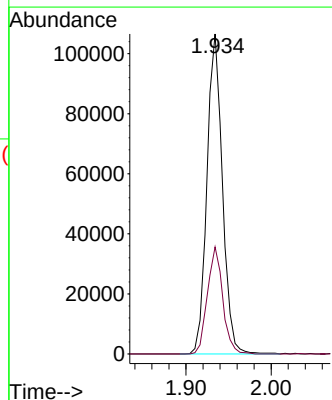
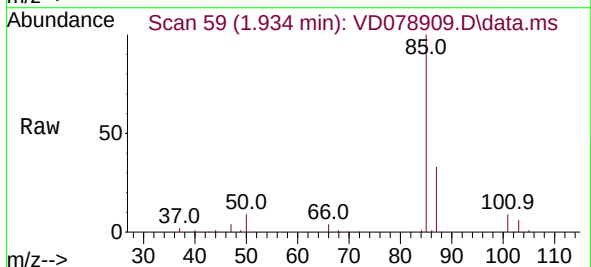


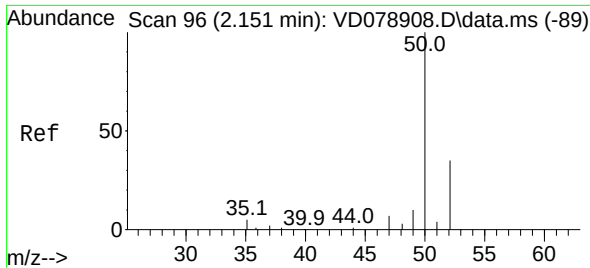
Tgt Ion:168 Resp: 155060
Ion Ratio Lower Upper
168 100
99 50.1 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 92.743 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

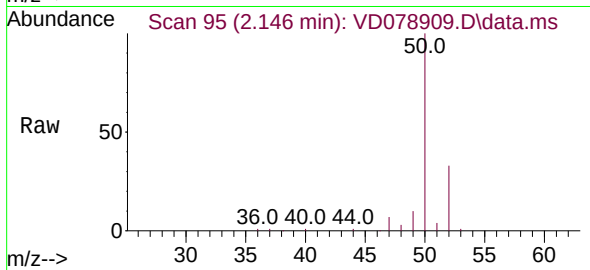
Tgt Ion: 85 Resp: 134375
Ion Ratio Lower Upper
85 100
87 33.4 16.0 48.0



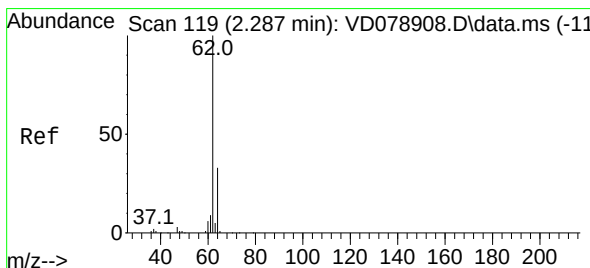
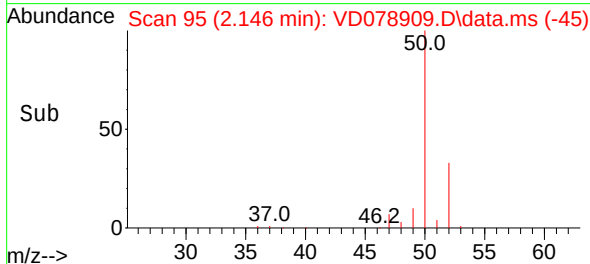
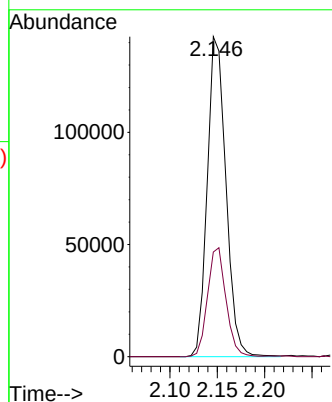


#3
Chloromethane
Concen: 103.736 ug/l
RT: 2.146 min Scan# 96
Delta R.T. -0.005 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

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MSVOA_D
ClientSampleId :

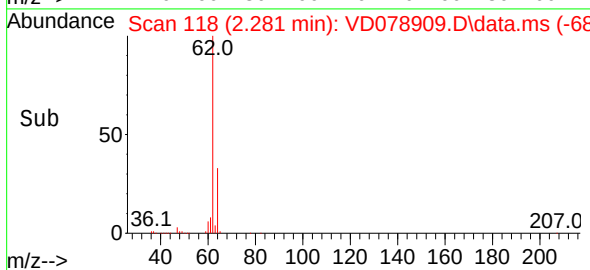
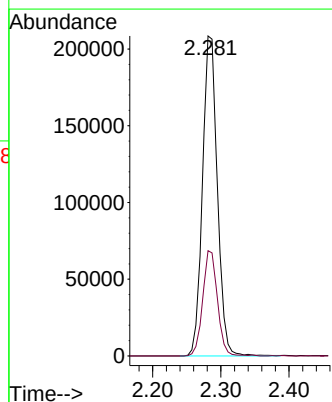
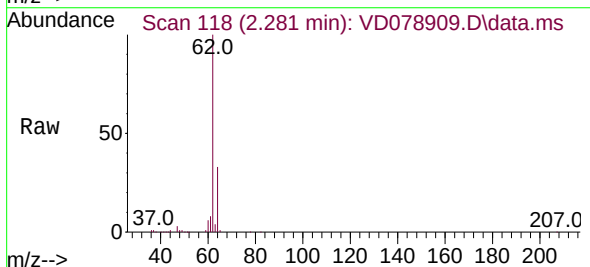


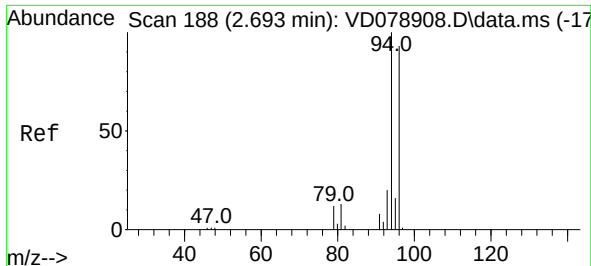
Tgt Ion: 50 Resp: 195416
Ion Ratio Lower Upper
50 100
52 32.7 28.2 42.2



#4
Vinyl Chloride
Concen: 103.327 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Tgt Ion: 62 Resp: 315893
Ion Ratio Lower Upper
62 100
64 32.9 26.3 39.5

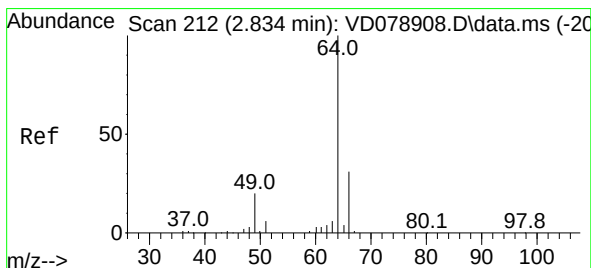
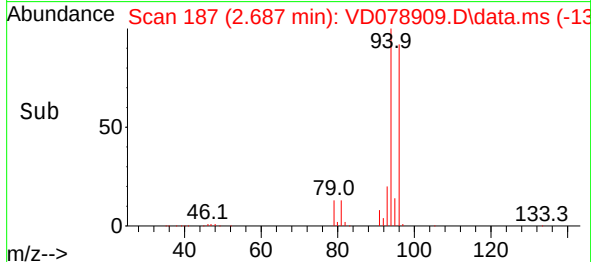
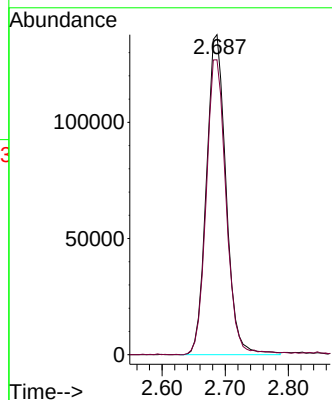
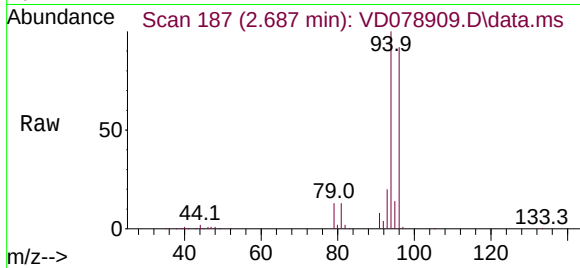




#5
Bromomethane
Concen: 99.967 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

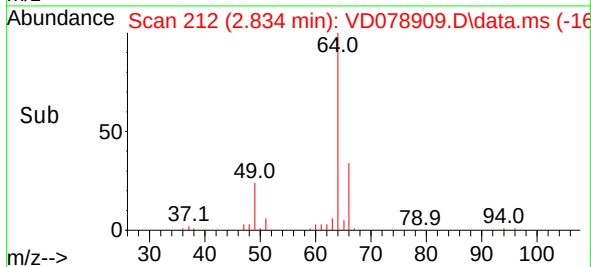
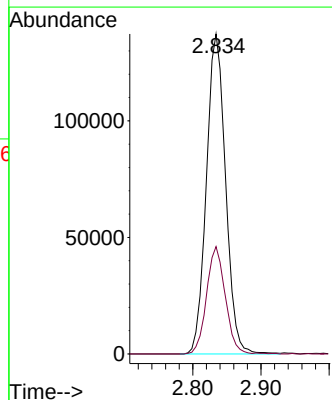
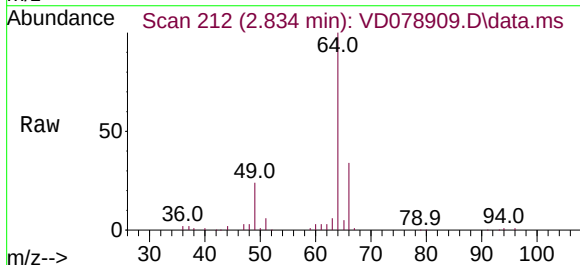
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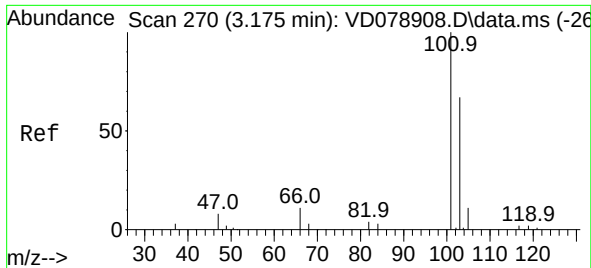
Tgt Ion: 94 Resp: 296745
Ion Ratio Lower Upper
94 100
96 93.9 76.9 115.3



#6
Chloroethane
Concen: 96.850 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Tgt Ion: 64 Resp: 268611
Ion Ratio Lower Upper
64 100
66 33.5 24.5 36.7

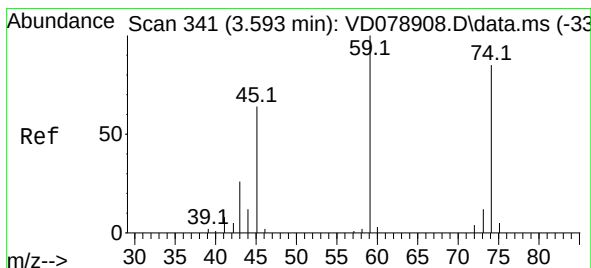
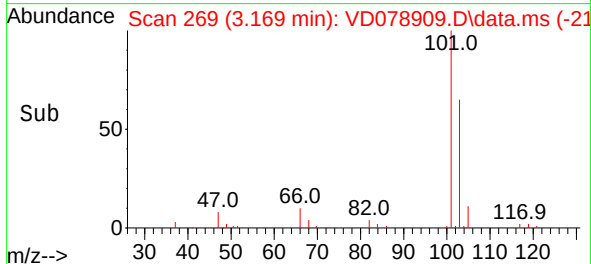
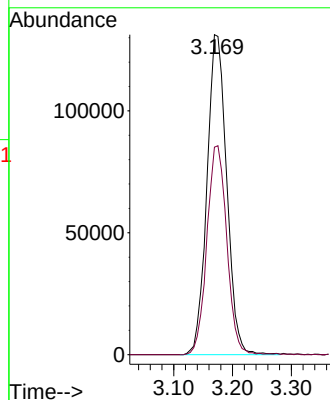
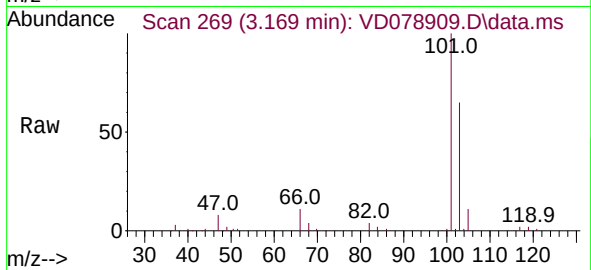




#7
Trichlorofluoromethane
Concen: 100.919 ug/l
RT: 3.169 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

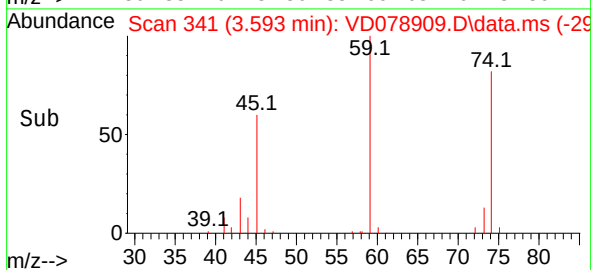
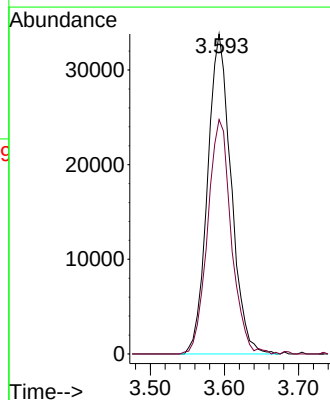
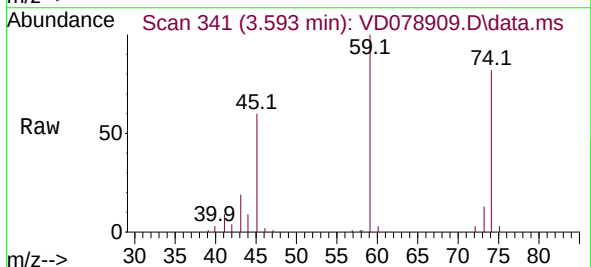
Instrument :
MSVOA_D
ClientSampleId :

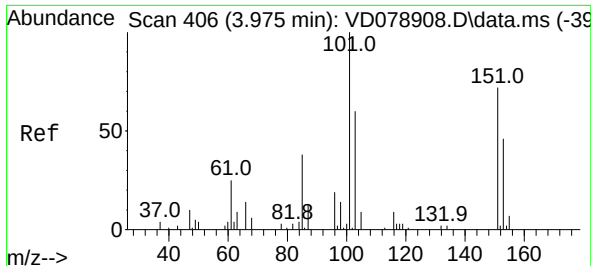
Tgt Ion:101 Resp: 306467
Ion Ratio Lower Upper
101 100
103 64.9 53.2 79.8



#8
Diethyl Ether
Concen: 104.330 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD078909.D
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Tgt Ion: 74 Resp: 74439
Ion Ratio Lower Upper
74 100
45 73.7 37.9 113.6

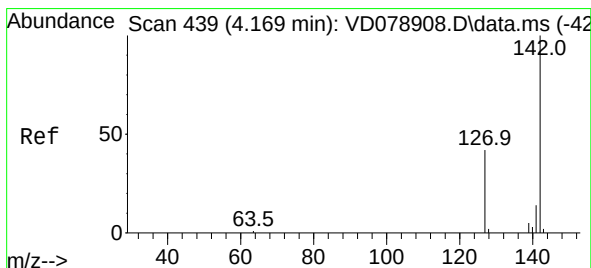
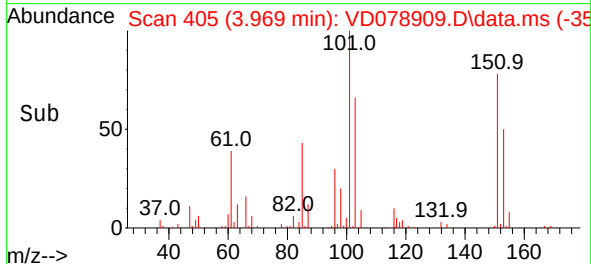
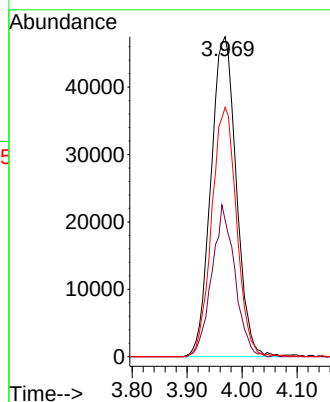
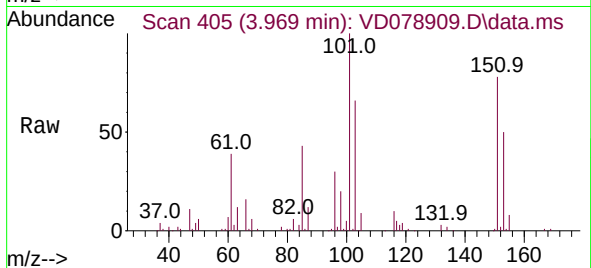




#9
1,1,2-Trichlorotrifluoroethane
Concen: 94.970 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

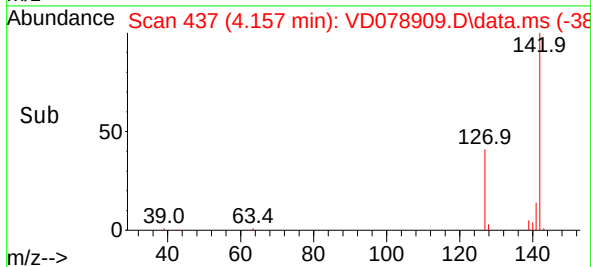
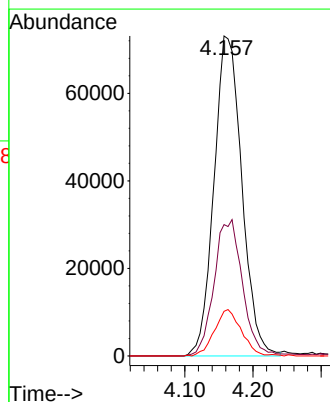
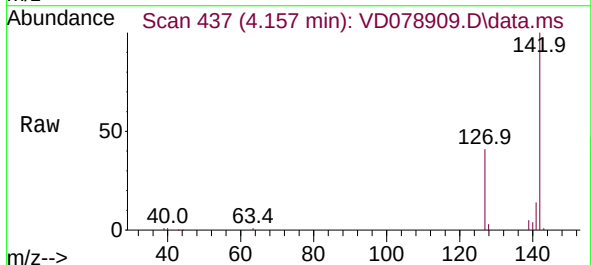
Instrument :
MSVOA_D
ClientSampleId :

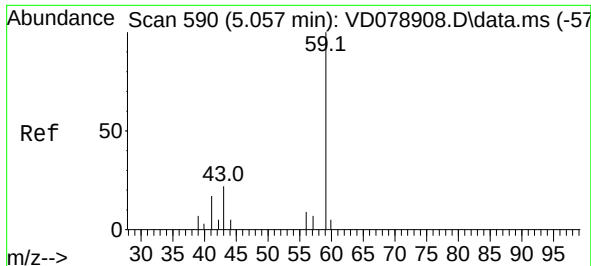
Tgt Ion:101 Resp: 152292
Ion Ratio Lower Upper
101 100
85 43.1 33.5 50.3
151 76.6 60.3 90.5



#10
Methyl Iodide
Concen: 108.557 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.012 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Tgt Ion:142 Resp: 207978
Ion Ratio Lower Upper
142 100
127 43.6 34.2 51.4
141 14.0 11.7 17.5

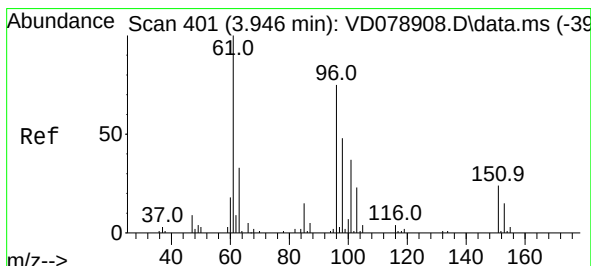
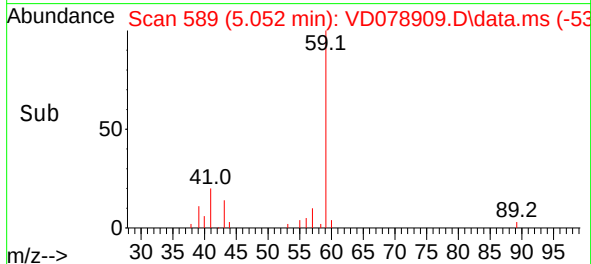
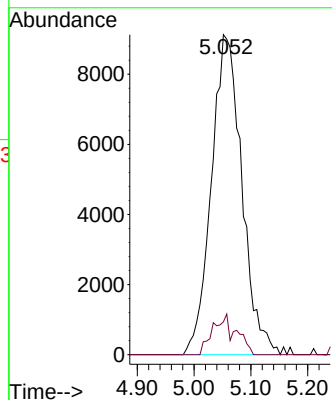
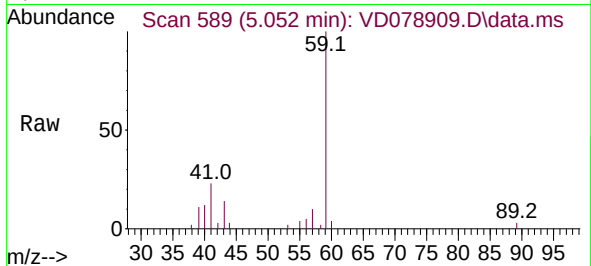




#11
Tert butyl alcohol
Concen: 521.788 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

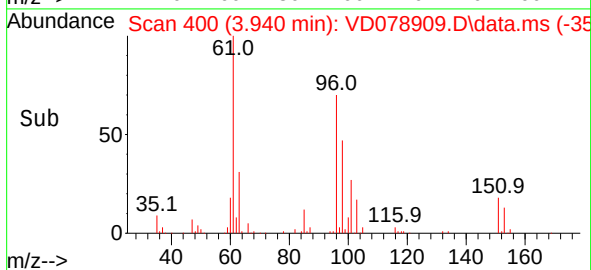
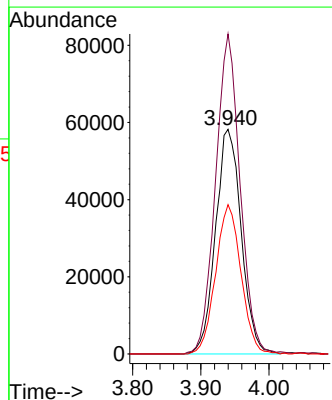
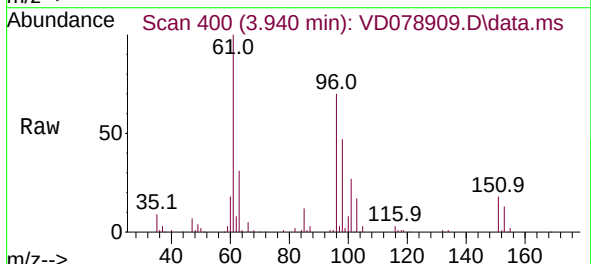
Instrument :
MSVOA_D
ClientSampleId :

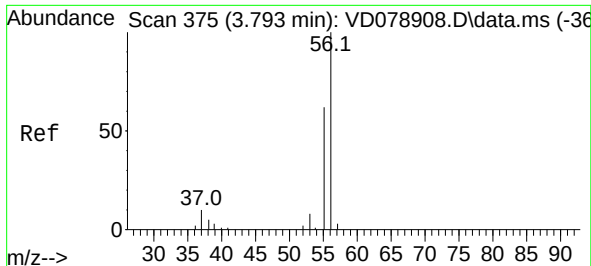
Tgt Ion: 59 Resp: 34033
Ion Ratio Lower Upper
59 100
57 7.2 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 97.322 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

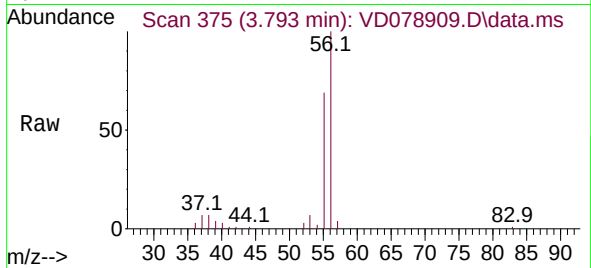
Tgt Ion: 96 Resp: 152766
Ion Ratio Lower Upper
96 100
61 142.5 107.3 160.9
98 66.5 51.7 77.5



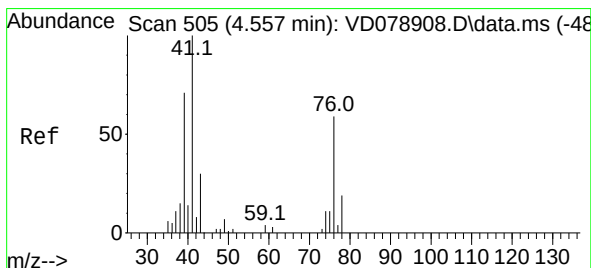
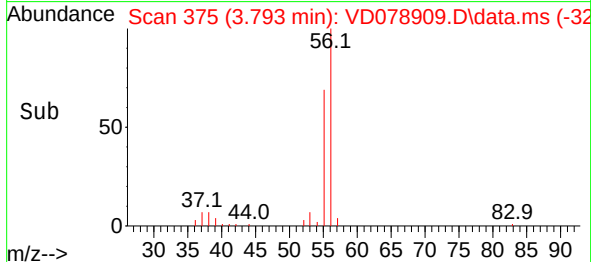
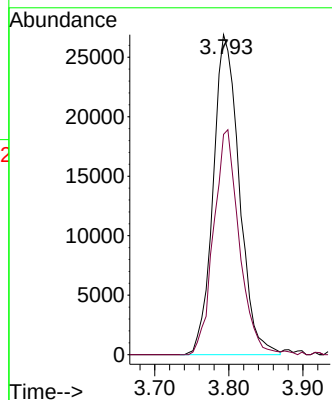


#13
Acrolein
Concen: 454.686 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Instrument :
MSVOA_D
ClientSampleId :

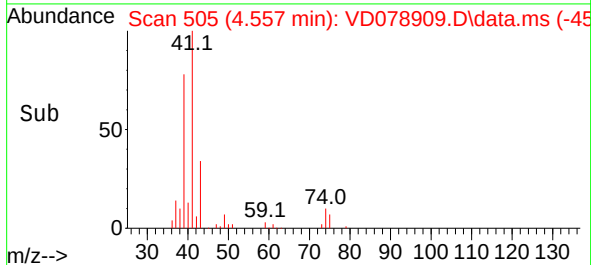
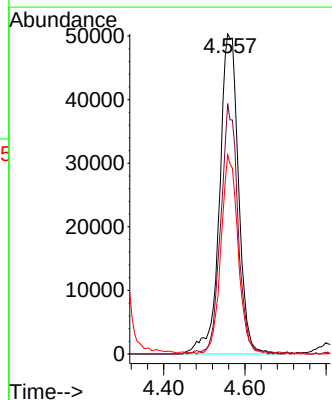
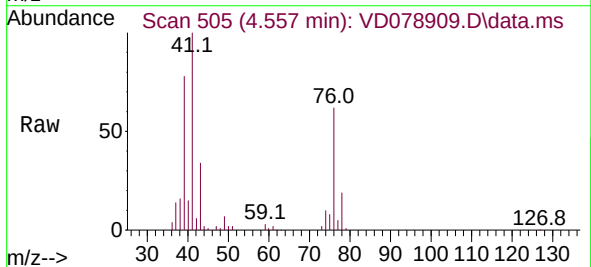


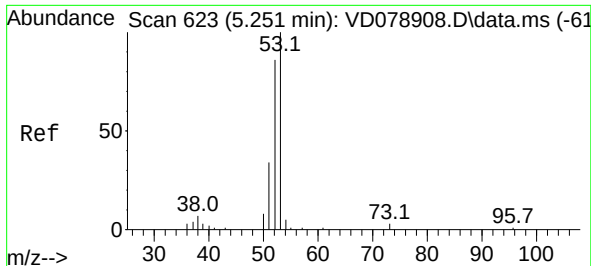
Tgt Ion: 56 Resp: 65833
Ion Ratio Lower Upper
56 100
55 69.2 55.3 82.9



#14
Allyl chloride
Concen: 106.509 ug/l
RT: 4.557 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Tgt Ion: 41 Resp: 163137
Ion Ratio Lower Upper
41 100
39 71.0 58.0 87.0
76 56.4 45.9 68.9





#15

Acrylonitrile

Concen: 525.571 ug/l

RT: 5.257 min Scan# 61

Delta R.T. 0.006 min

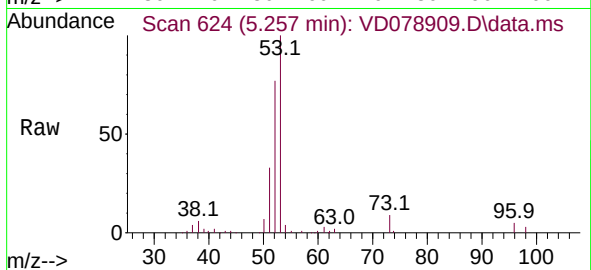
Lab File: VD078909.D

Acq: 13 May 2024 12:12

Instrument :

MSVOA_D

ClientSampleId :



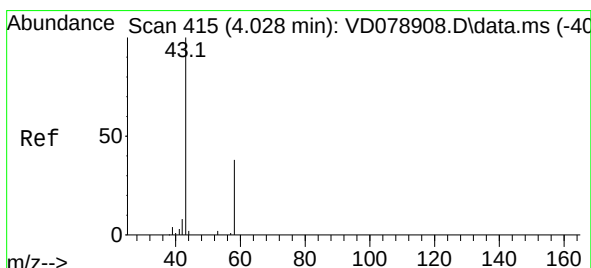
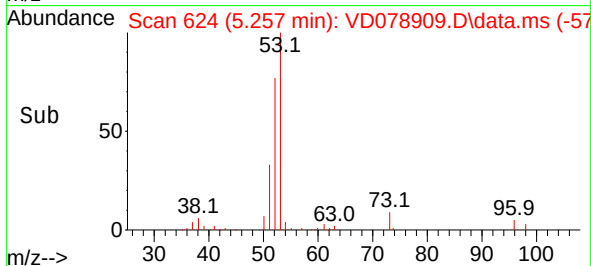
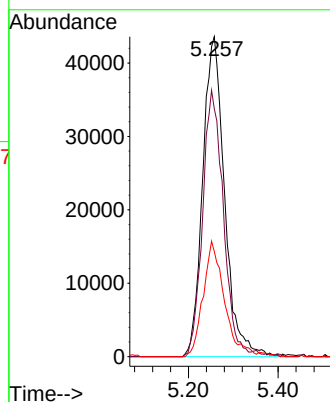
Tgt Ion: 53 Resp: 147761

Ion Ratio Lower Upper

53 100

52 78.5 67.7 101.5

51 34.9 28.6 42.8



#16

Acetone

Concen: 543.755 ug/l

RT: 4.016 min Scan# 413

Delta R.T. -0.012 min

Lab File: VD078909.D

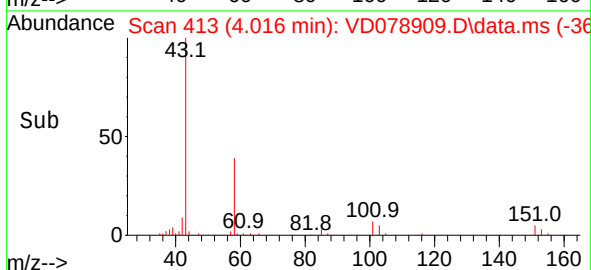
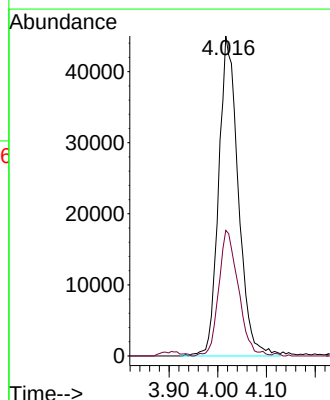
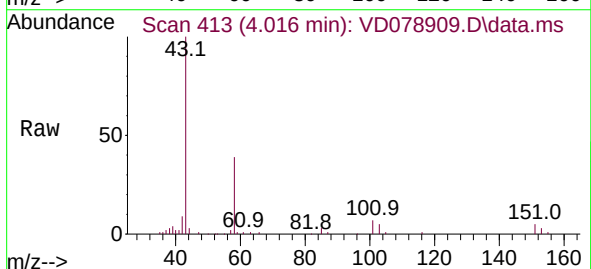
Acq: 13 May 2024 12:12

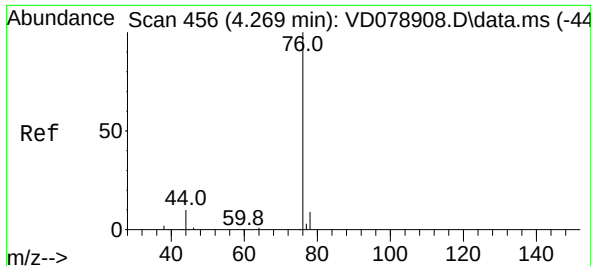
Tgt Ion: 43 Resp: 126101

Ion Ratio Lower Upper

43 100

58 38.7 30.4 45.6

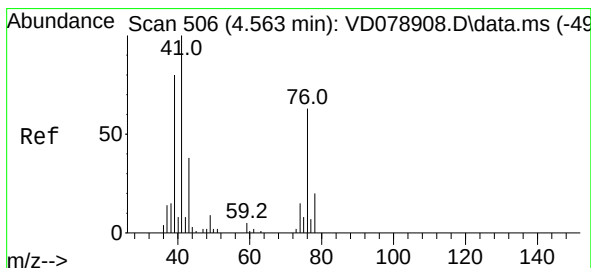
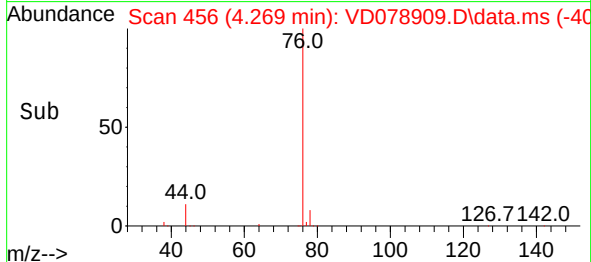
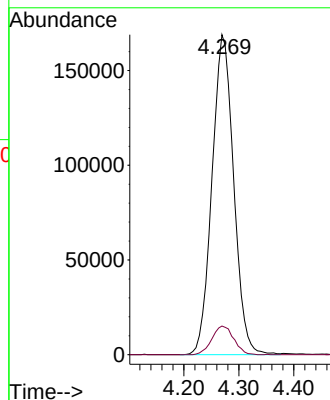
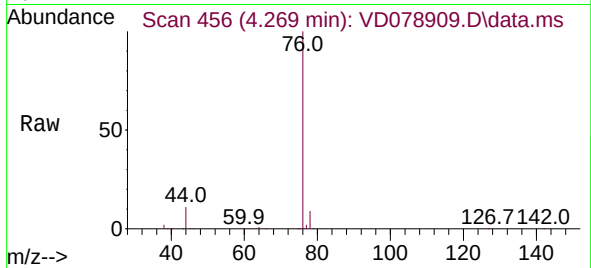




#17
Carbon Disulfide
Concen: 103.324 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

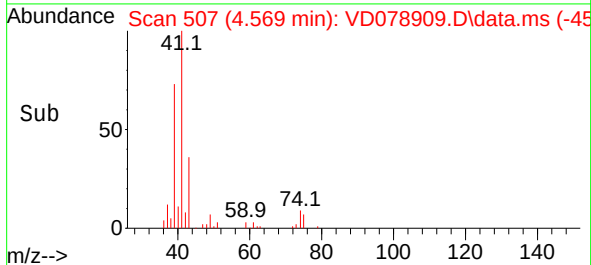
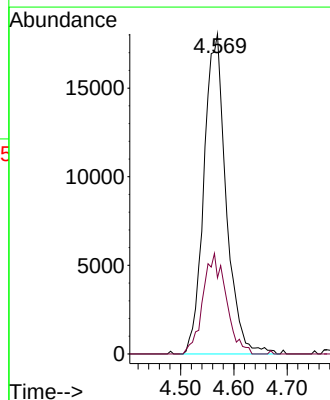
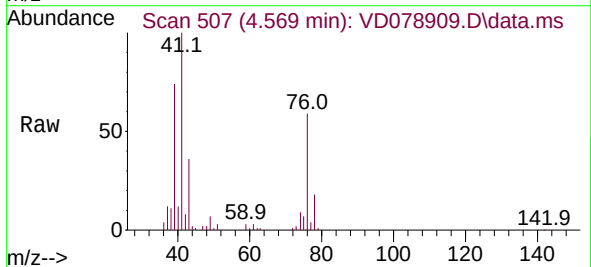
Instrument :
MSVOA_D
ClientSampleId :

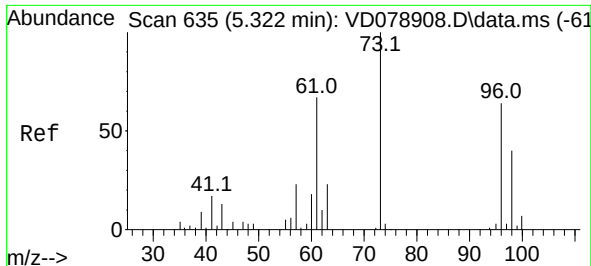
Tgt Ion: 76 Resp: 463040
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 97.604 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Tgt Ion: 43 Resp: 52118
Ion Ratio Lower Upper
43 100
74 33.0 28.1 42.1





#19

Methyl tert-butyl Ether

Concen: 109.117 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

Instrument :

MSVOA_D

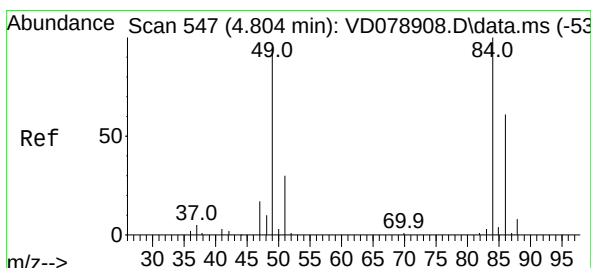
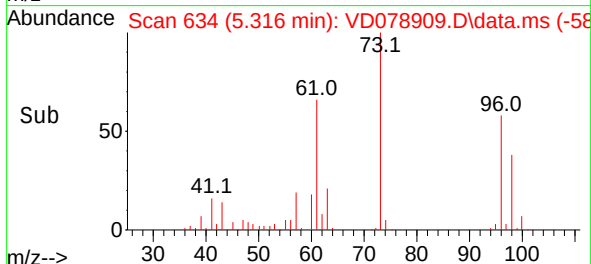
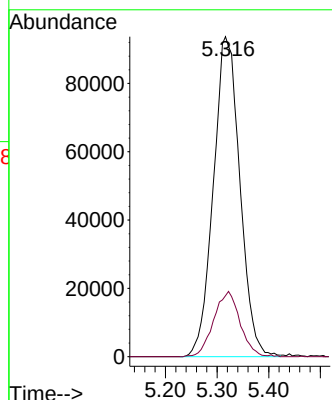
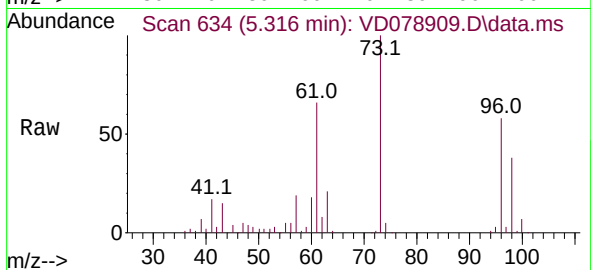
ClientSampleId :

Tgt Ion: 73 Resp: 333740

Ion Ratio Lower Upper

73 100

57 19.0 18.3 27.5



#20

Methylene Chloride

Concen: 102.727 ug/l

RT: 4.804 min Scan# 547

Delta R.T. 0.000 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

Tgt Ion: 84 Resp: 178162

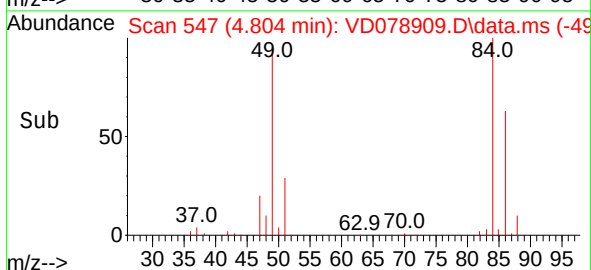
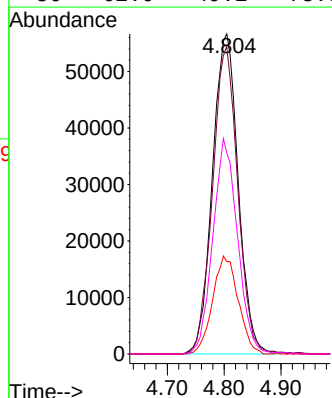
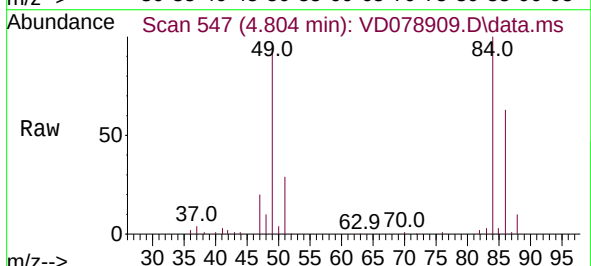
Ion Ratio Lower Upper

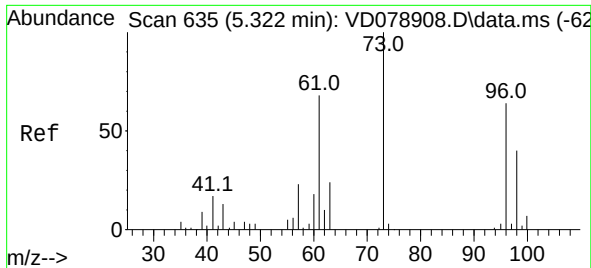
84 100

49 96.1 75.6 113.4

51 28.9 24.2 36.2

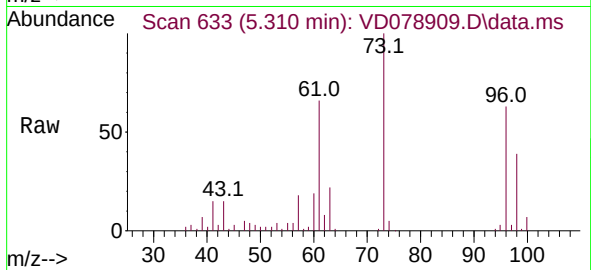
86 62.9 49.2 73.8



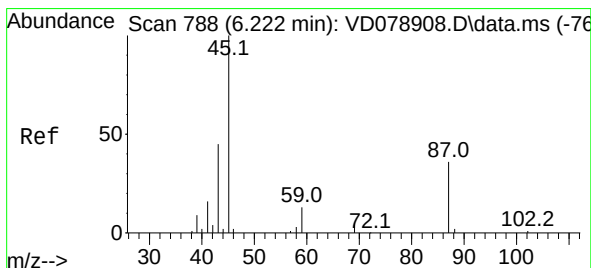
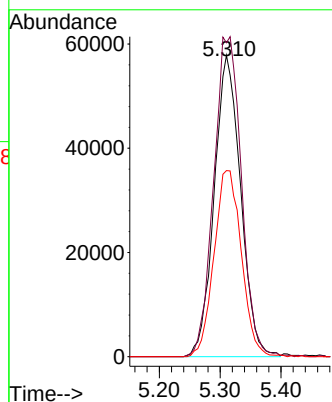
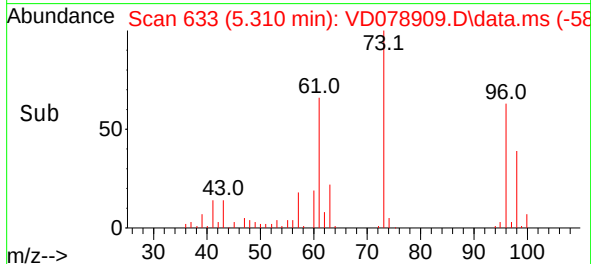


#21
trans-1,2-Dichloroethene
Concen: 99.759 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Instrument :
MSVOA_D
ClientSampleId :

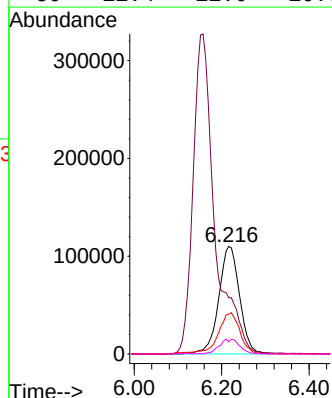
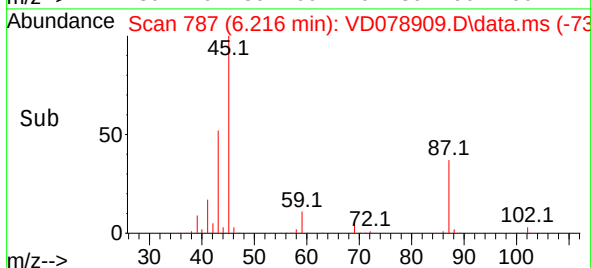
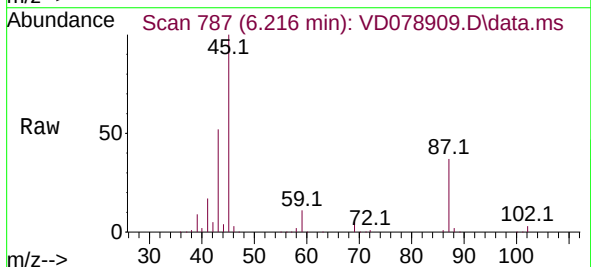


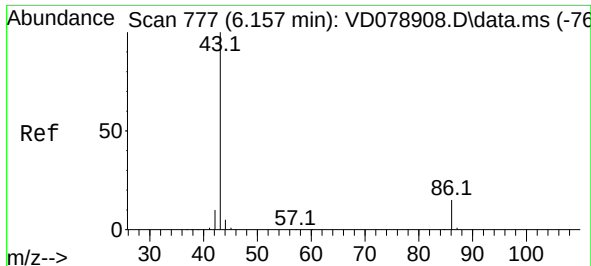
Tgt Ion: 96 Resp: 174537
Ion Ratio Lower Upper
96 100
61 104.1 84.5 126.7
98 61.7 50.5 75.7



#22
Diisopropyl ether
Concen: 104.678 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Tgt Ion: 45 Resp: 362635
Ion Ratio Lower Upper
45 100
43 51.4 41.7 62.5
87 37.1 30.2 45.2
59 11.4 11.0 16.6





#23

Vinyl Acetate

Concen: 542.974 ug/l

RT: 6.157 min Scan# 777

Delta R.T. 0.000 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

Instrument :

MSVOA_D

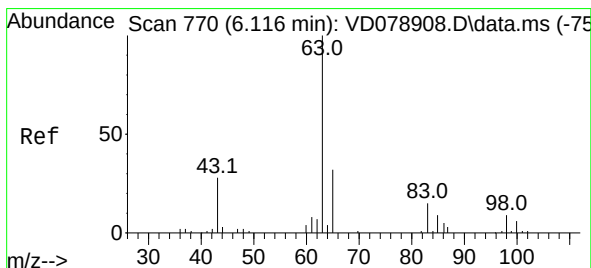
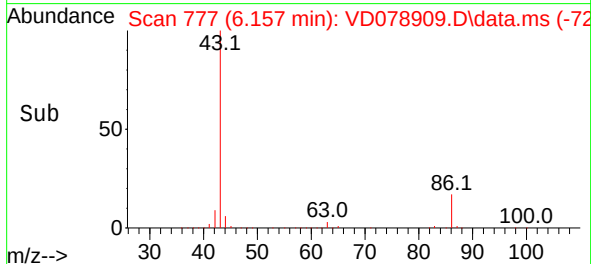
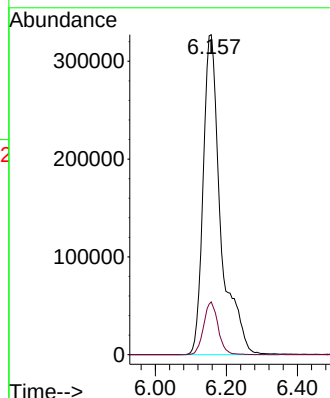
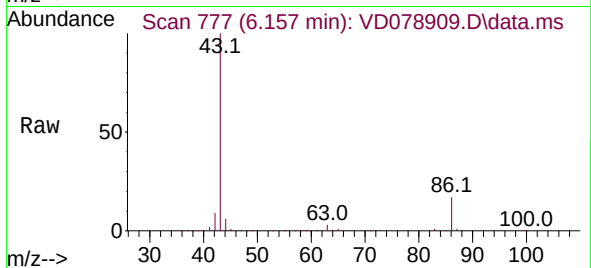
ClientSampleId :

Tgt Ion: 43 Resp: 1128224

Ion Ratio Lower Upper

43 100

86 16.5 12.3 18.5



#24

1,1-Dichloroethane

Concen: 96.715 ug/l

RT: 6.110 min Scan# 769

Delta R.T. -0.006 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

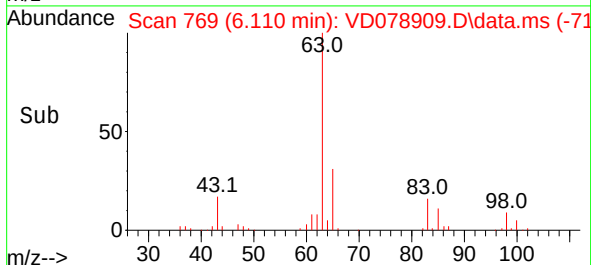
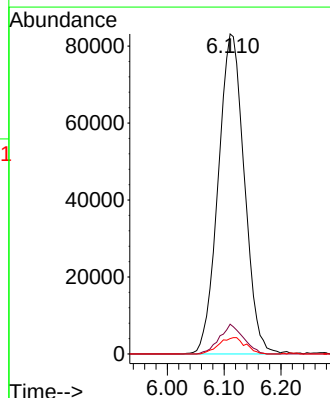
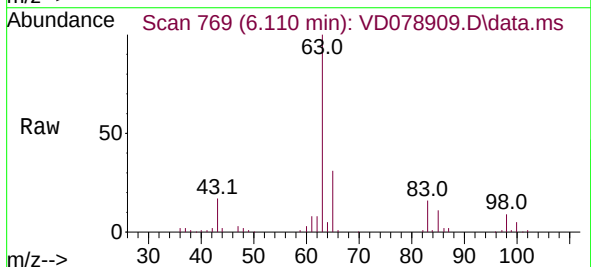
Tgt Ion: 63 Resp: 265608

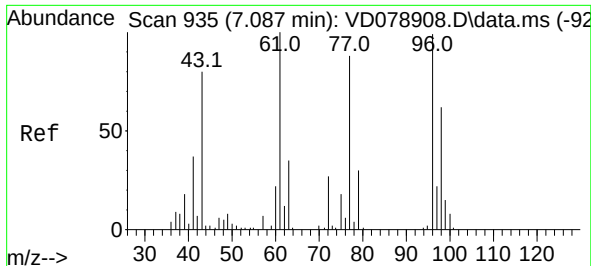
Ion Ratio Lower Upper

63 100

98 9.3 4.7 14.0

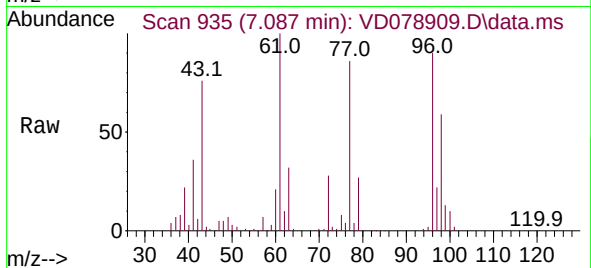
100 4.8 2.9 8.6



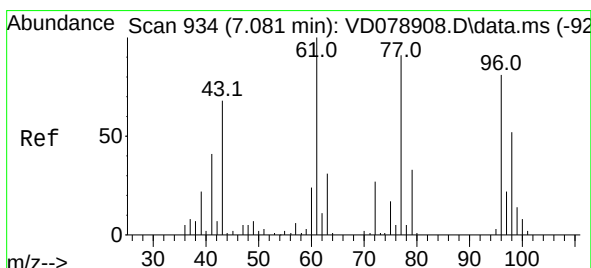
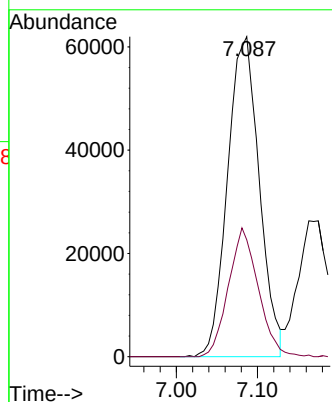
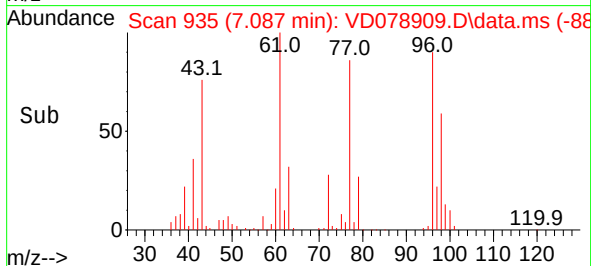


#25
2-Butanone
Concen: 543.372 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Instrument :
MSVOA_D
ClientSampleId :

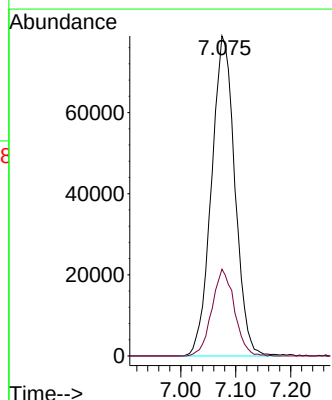
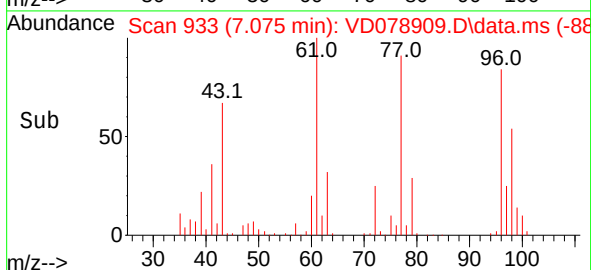
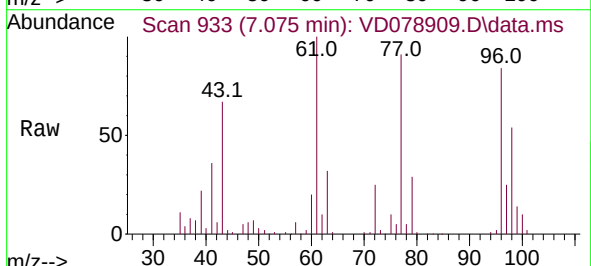


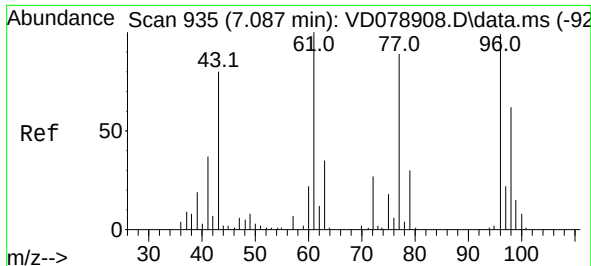
Tgt Ion: 43 Resp: 168537
Ion Ratio Lower Upper
43 100
72 36.5 26.4 39.6



#26
2,2-Dichloropropane
Concen: 96.748 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

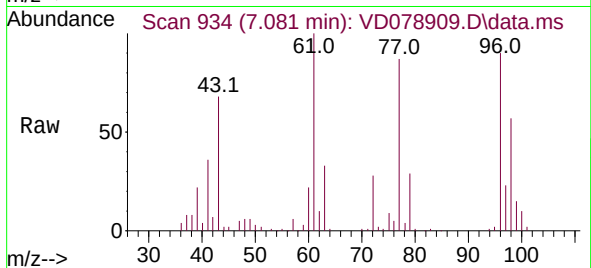
Tgt Ion: 77 Resp: 233492
Ion Ratio Lower Upper
77 100
97 26.0 12.4 37.2





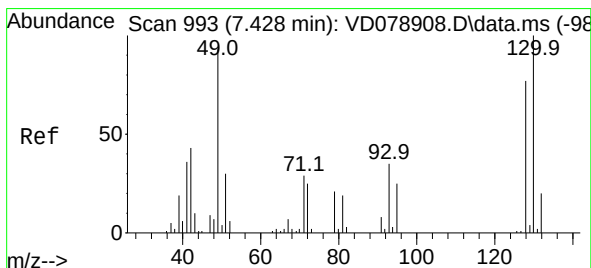
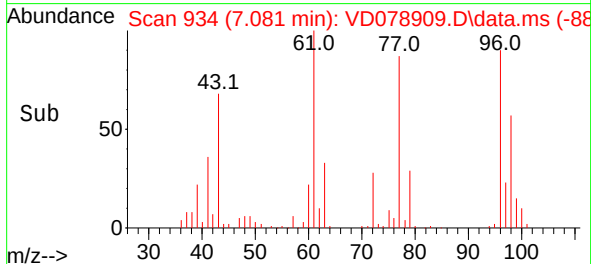
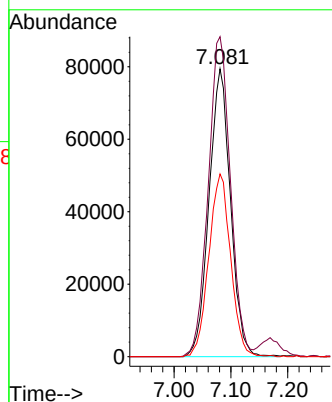
#27
 cis-1,2-Dichloroethene
 Concen: 101.451 ug/l
 RT: 7.081 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: VD078909.D
 Acq: 13 May 2024 12:12

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 208427

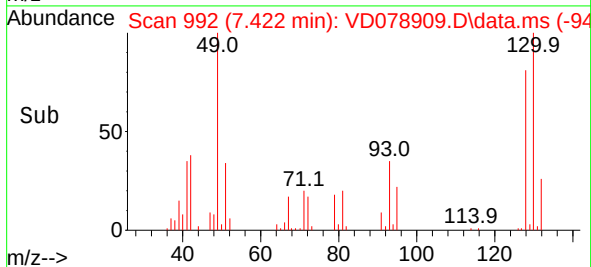
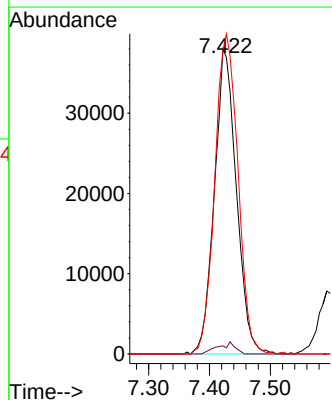
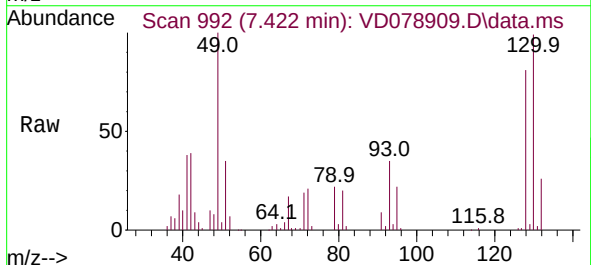
Ion	Ratio	Lower	Upper
96	100		
61	115.3	0.0	229.0
98	64.6	0.0	127.2

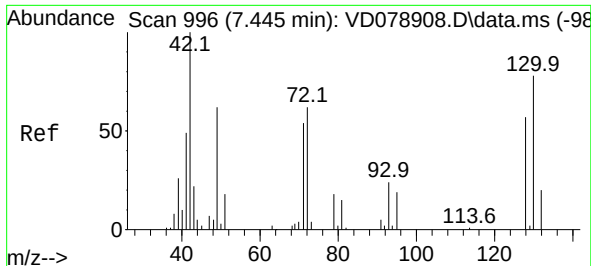


#28
 Bromochloromethane
 Concen: 104.115 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD078909.D
 Acq: 13 May 2024 12:12

Tgt Ion: 49 Resp: 95356

Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	7.0
130	110.2	87.7	131.5





#29

Tetrahydrofuran

Concen: 544.838 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

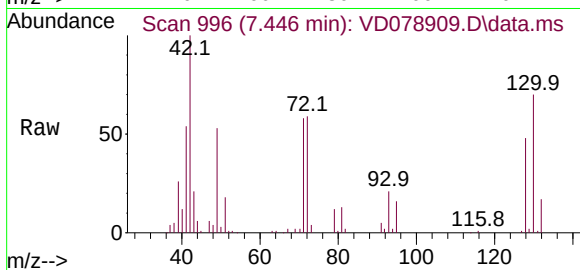
Lab File: VD078909.D

Acq: 13 May 2024 12:12

Instrument :

MSVOA_D

ClientSampleId :



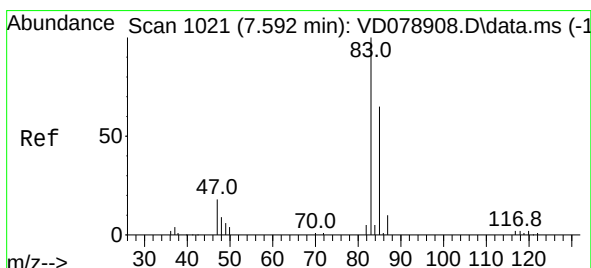
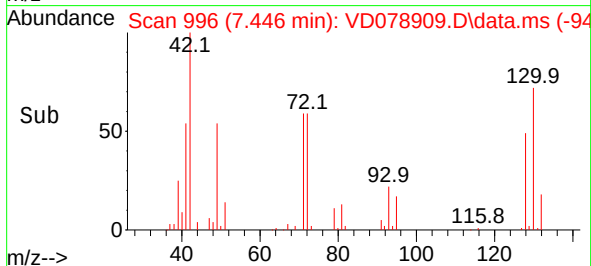
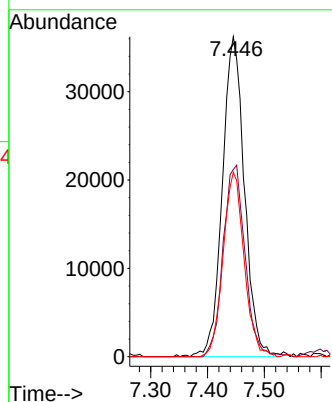
Tgt Ion: 42 Resp: 97745

Ion Ratio Lower Upper

42 100

72 59.1 49.4 74.0

71 55.1 45.0 67.6



#30

Chloroform

Concen: 96.533 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD078909.D

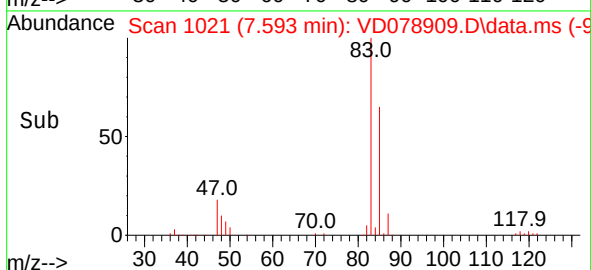
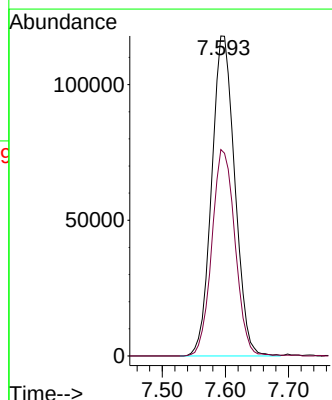
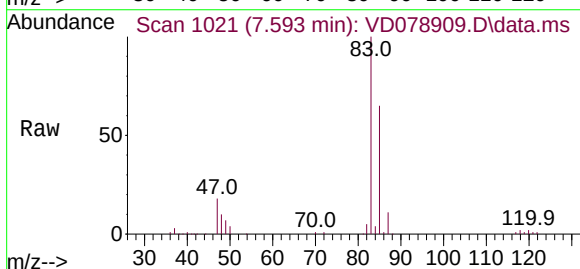
Acq: 13 May 2024 12:12

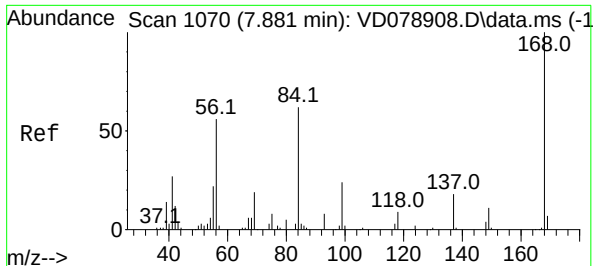
Tgt Ion: 83 Resp: 300269

Ion Ratio Lower Upper

83 100

85 64.5 51.8 77.6





#31

Cyclohexane

Concen: 94.646 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

Instrument :

MSVOA_D

ClientSampleId :

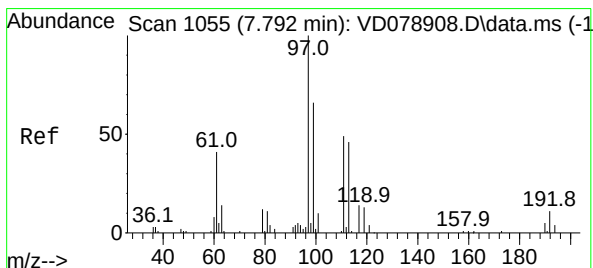
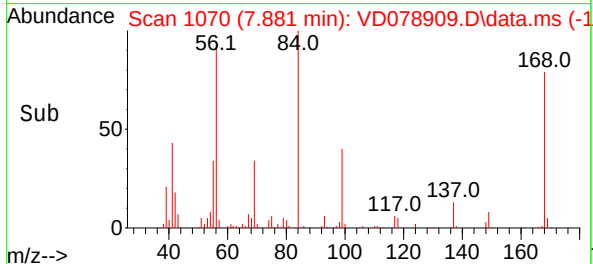
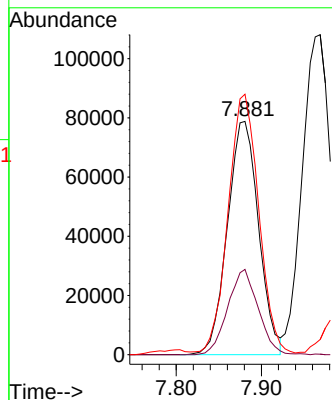
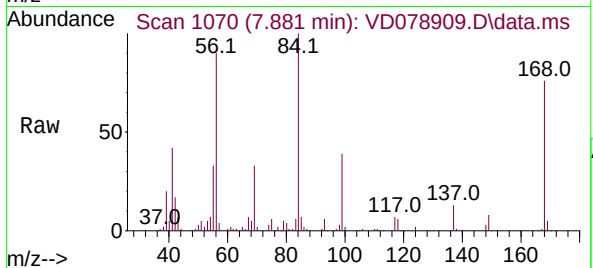
Tgt Ion: 56 Resp: 201118

Ion Ratio Lower Upper

56 100

69 36.6 28.0 42.0

84 109.5 87.4 131.0



#32

1,1,1-Trichloroethane

Concen: 98.071 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

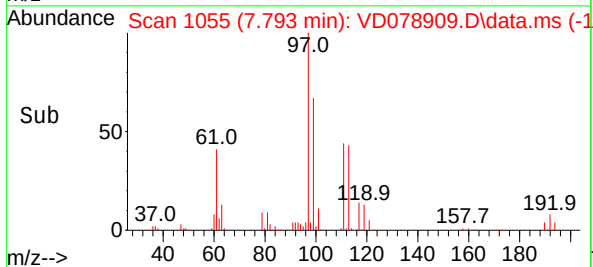
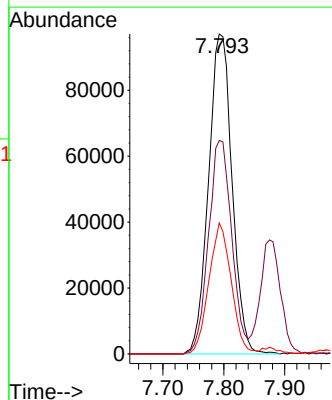
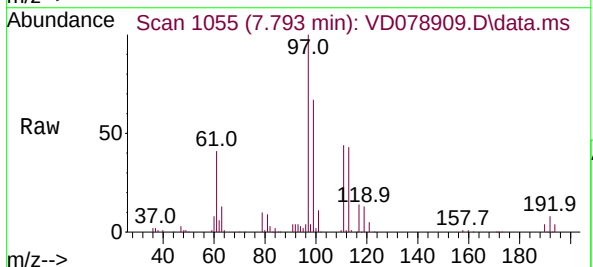
Tgt Ion: 97 Resp: 261241

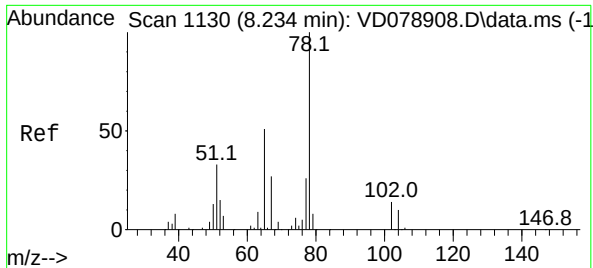
Ion Ratio Lower Upper

97 100

99 65.8 51.3 76.9

61 38.8 31.4 47.2

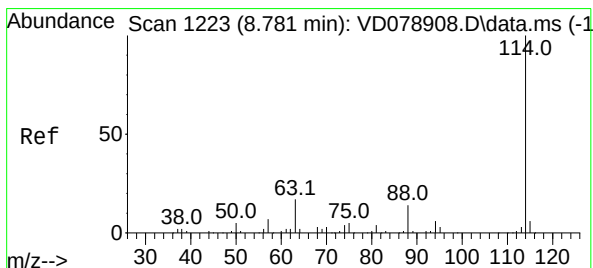
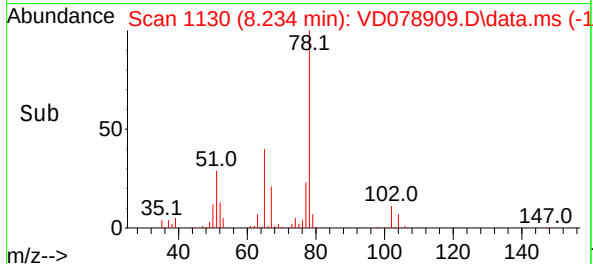
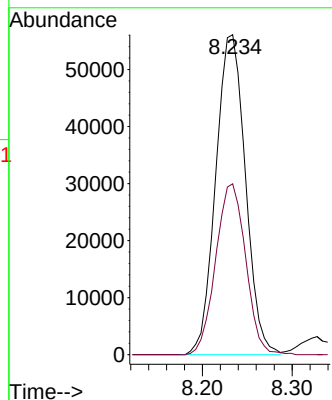
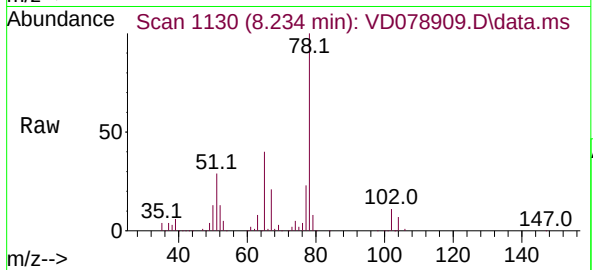




#33
1,2-Dichloroethane-d4
Concen: 88.659 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

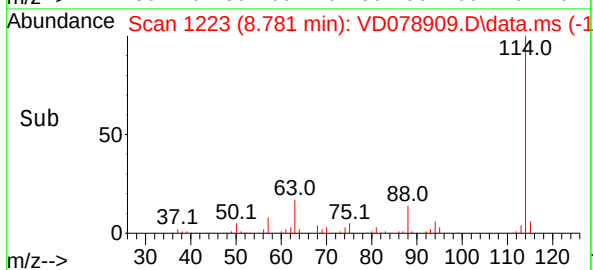
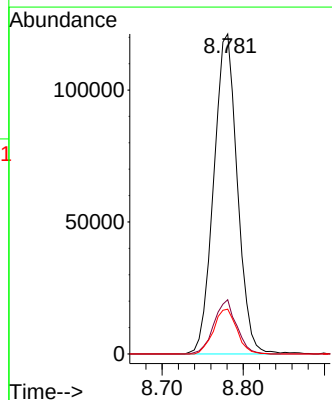
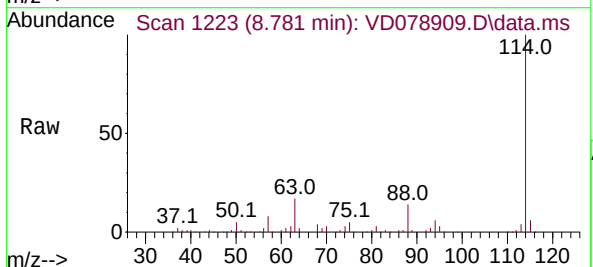
Instrument :
MSVOA_D
ClientSampleId :

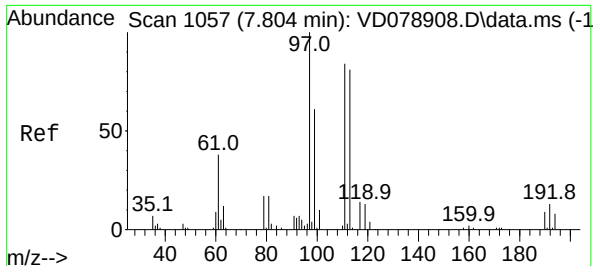
Tgt Ion: 65 Resp: 128951
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Tgt Ion: 114 Resp: 244903
Ion Ratio Lower Upper
114 100
63 16.9 0.0 34.0
88 14.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 91.134 ug/l

RT: 7.804 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

Instrument :

MSVOA_D

ClientSampleId :

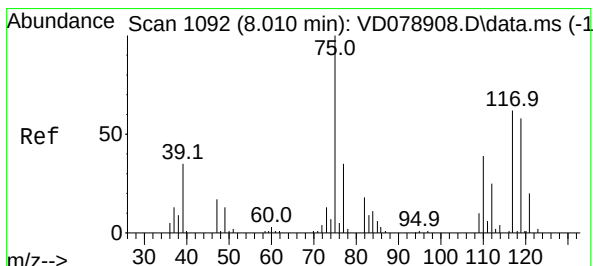
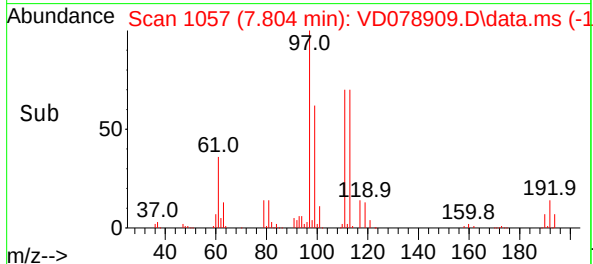
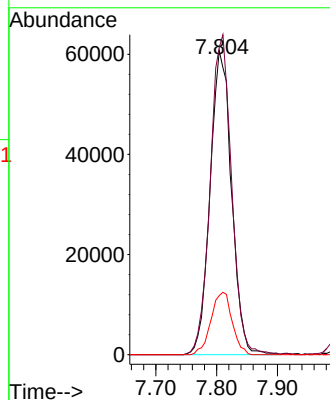
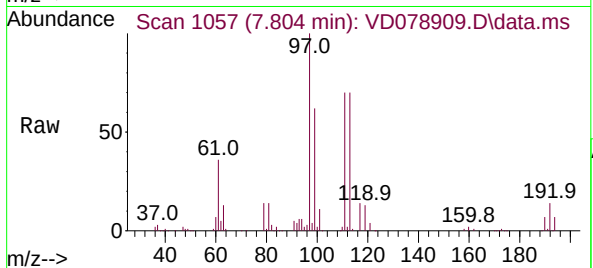
Tgt Ion:113 Resp: 148570

Ion Ratio Lower Upper

113 100

111 104.8 84.0 126.0

192 20.2 15.4 23.0



#36

1,1-Dichloropropene

Concen: 102.627 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

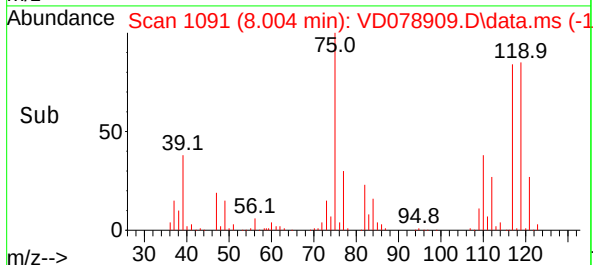
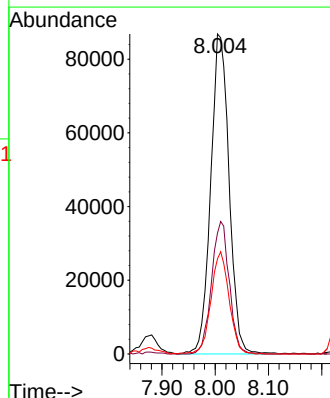
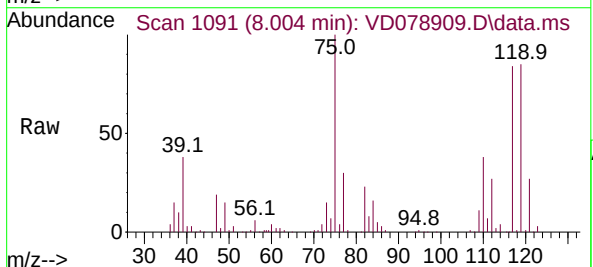
Tgt Ion: 75 Resp: 208196

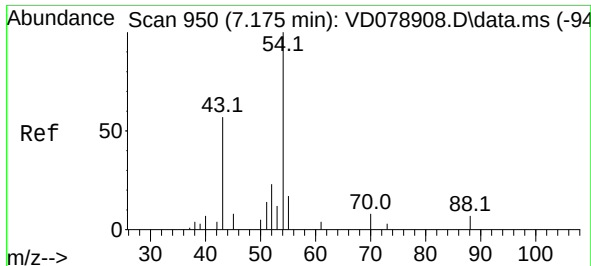
Ion Ratio Lower Upper

75 100

110 39.9 19.6 58.7

77 31.5 26.1 39.1





#37

Ethyl Acetate

Concen: 106.946 ug/l

RT: 7.163 min Scan# 948

Delta R.T. -0.012 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

Instrument :

MSVOA_D

ClientSampleId :

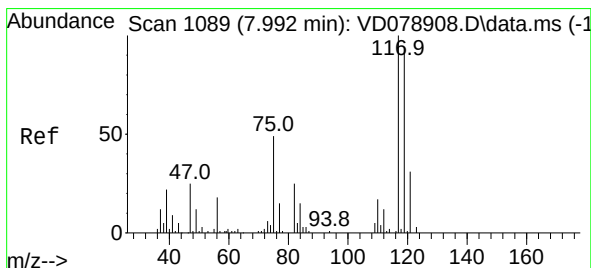
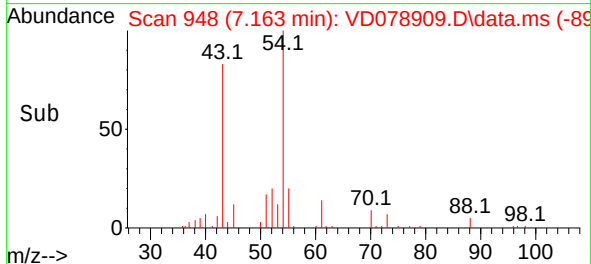
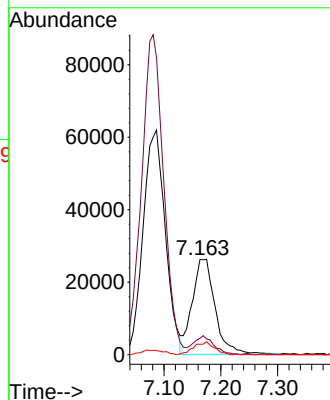
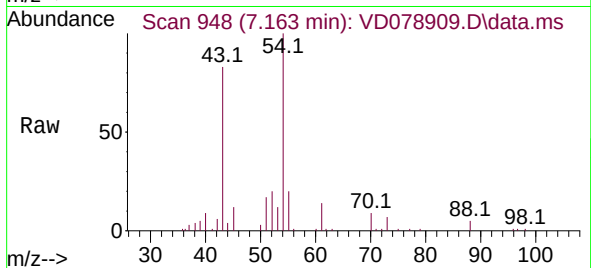
Tgt Ion: 43 Resp: 73939

Ion Ratio Lower Upper

43 100

61 17.4 13.9 20.9

70 11.9 9.8 14.6



#38

Carbon Tetrachloride

Concen: 102.457 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

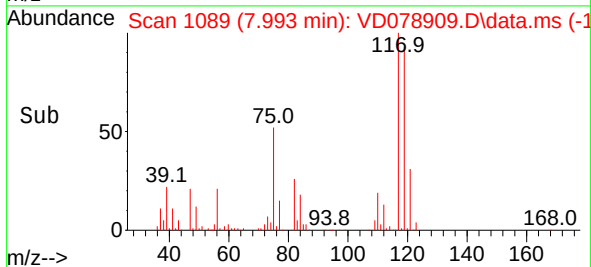
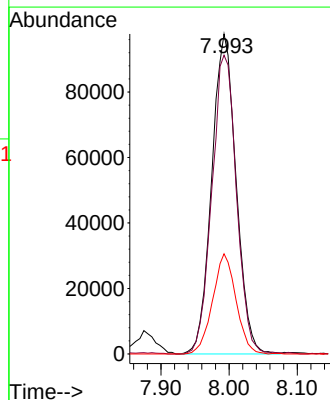
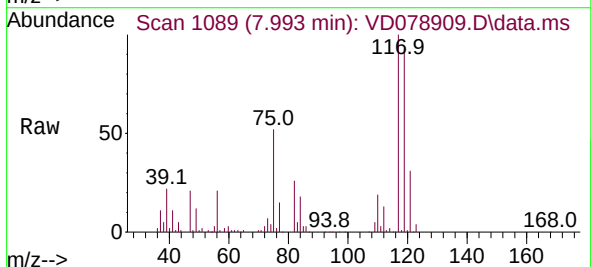
Tgt Ion:117 Resp: 243243

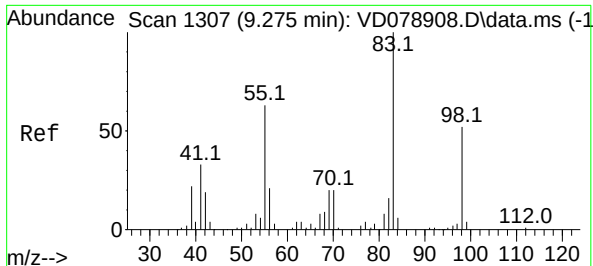
Ion Ratio Lower Upper

117 100

119 93.4 75.4 113.0

121 31.3 25.0 37.4





#39

Methylcyclohexane

Concen: 108.598 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

Instrument :

MSVOA_D

ClientSampleId :

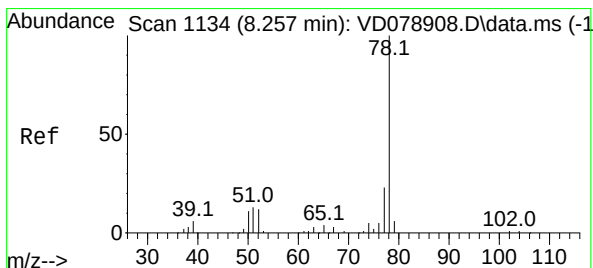
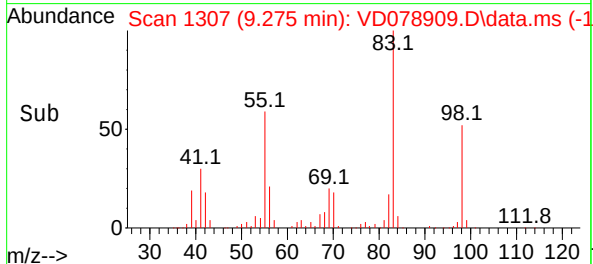
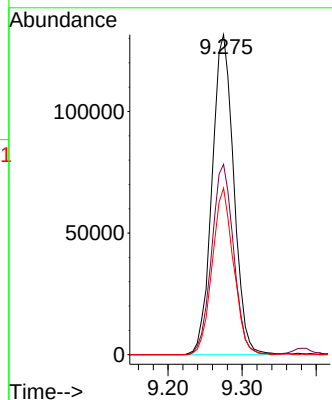
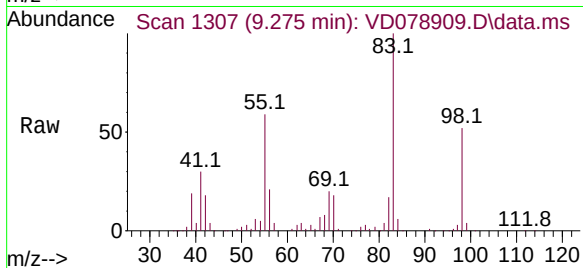
Tgt Ion: 83 Resp: 267686

Ion Ratio Lower Upper

83 100

55 59.5 50.1 75.1

98 52.0 41.9 62.9



#40

Benzene

Concen: 103.486 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VD078909.D

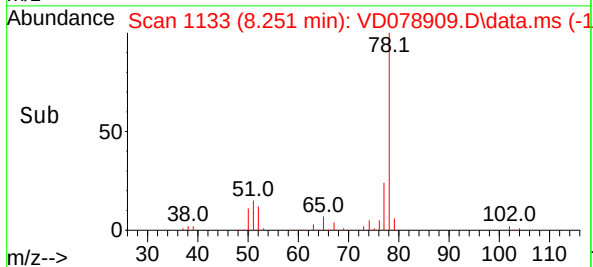
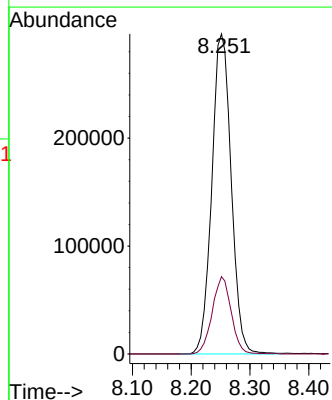
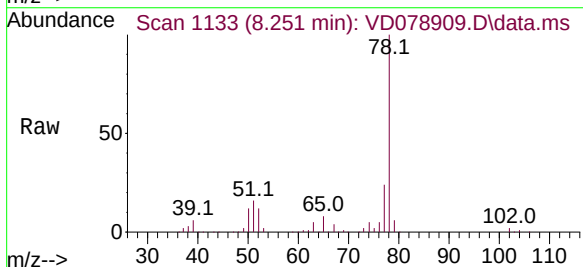
Acq: 13 May 2024 12:12

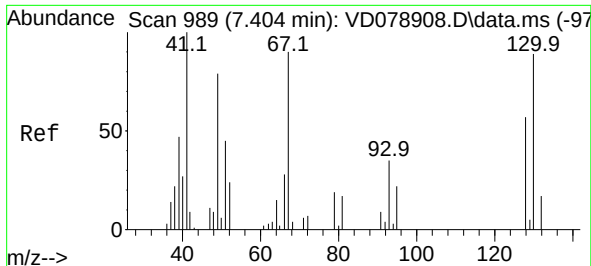
Tgt Ion: 78 Resp: 679024

Ion Ratio Lower Upper

78 100

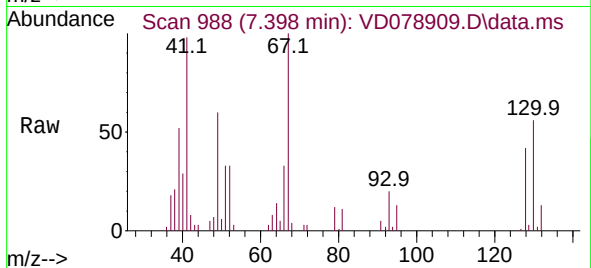
77 24.1 18.1 27.1





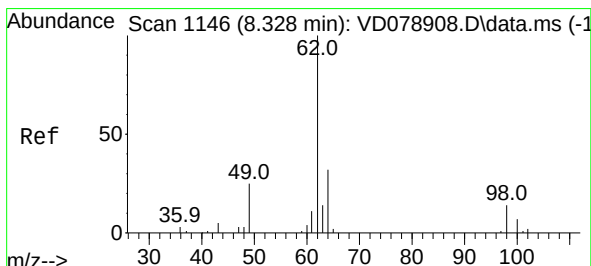
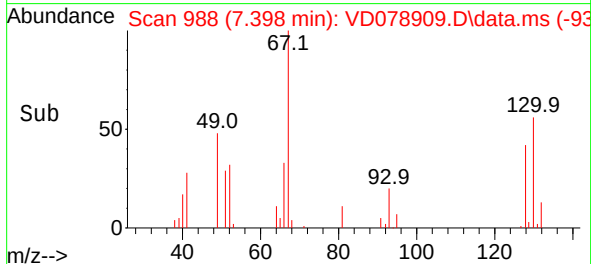
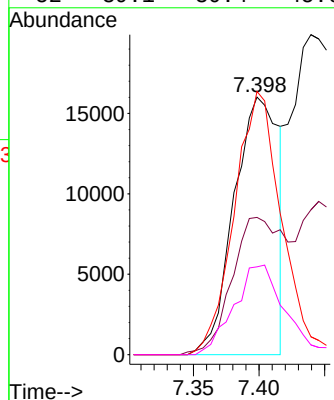
#41
Methacrylonitrile
Concen: 102.330 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 41 Resp: 38068

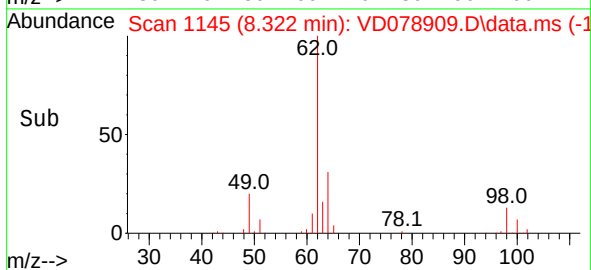
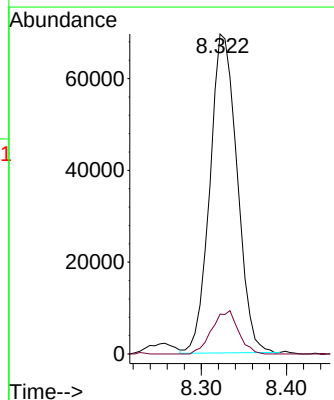
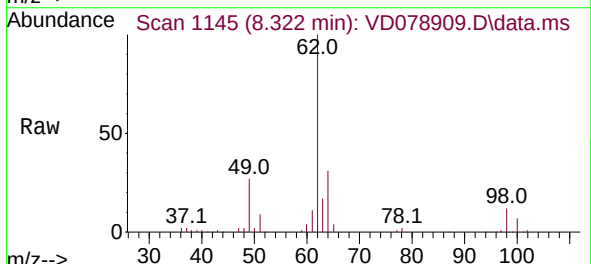
Ion	Ratio	Lower	Upper
41	100		
39	61.9	41.4	62.0
67	107.3	85.8	128.6
52	39.1	30.4	45.6

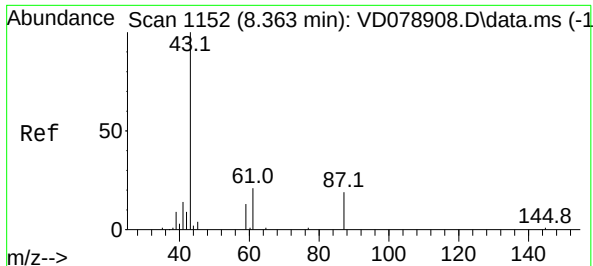


#42
1,2-Dichloroethane
Concen: 97.279 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Tgt Ion: 62 Resp: 154499

Ion	Ratio	Lower	Upper
62	100		
98	13.2	0.0	25.8





#43

Isopropyl Acetate

Concen: 112.480 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

Instrument :

MSVOA_D

ClientSampleId :

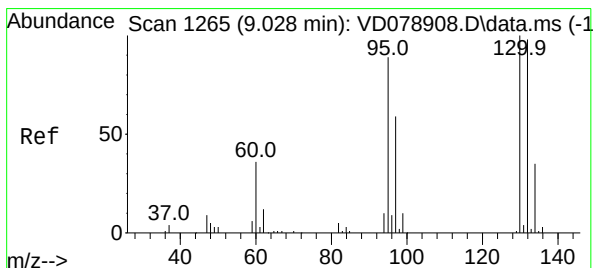
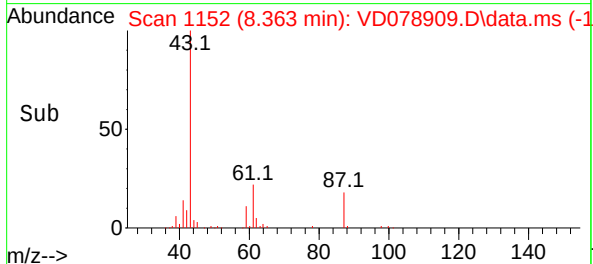
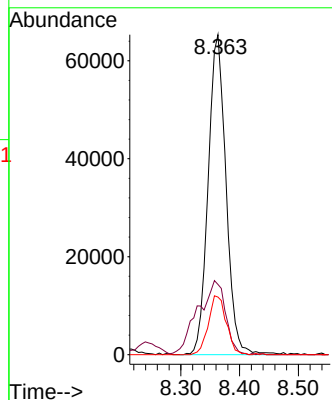
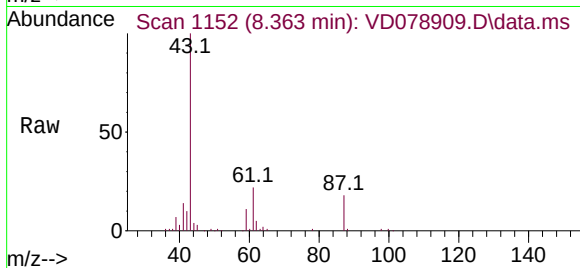
Tgt Ion: 43 Resp: 137983

Ion Ratio Lower Upper

43 100

61 35.9 29.3 43.9

87 18.5 14.9 22.3



#44

Trichloroethene

Concen: 101.117 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD078909.D

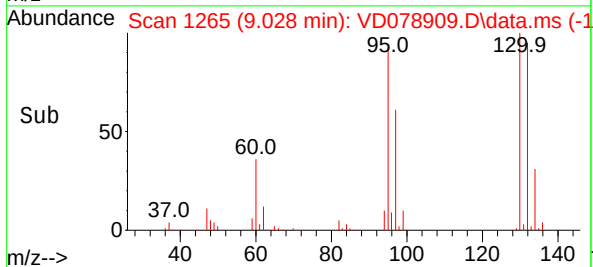
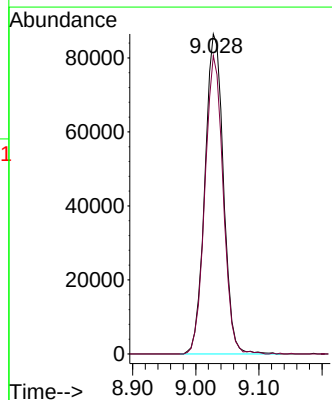
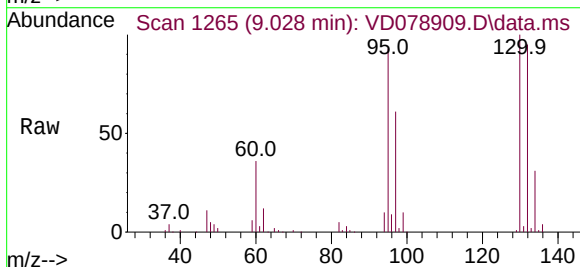
Acq: 13 May 2024 12:12

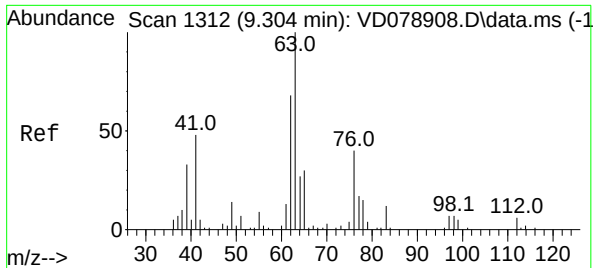
Tgt Ion:130 Resp: 175983

Ion Ratio Lower Upper

130 100

95 93.2 0.0 177.8

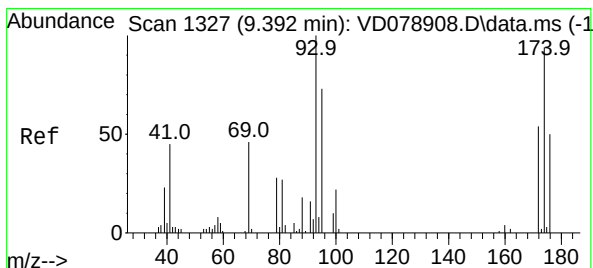
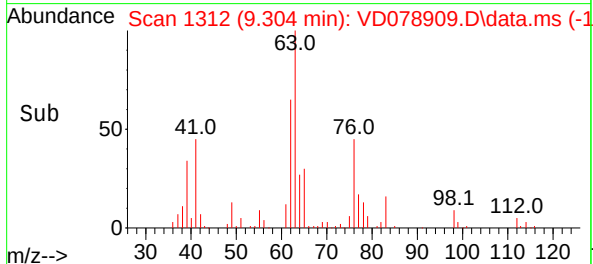
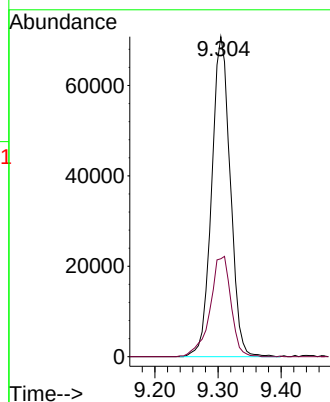
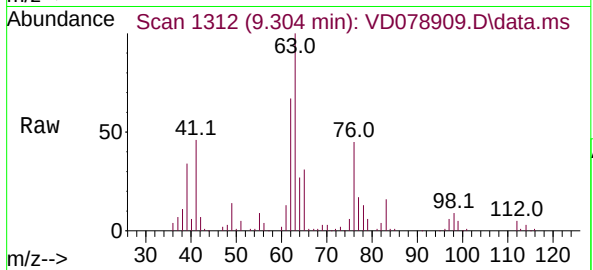




#45
1,2-Dichloropropane
Concen: 100.401 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

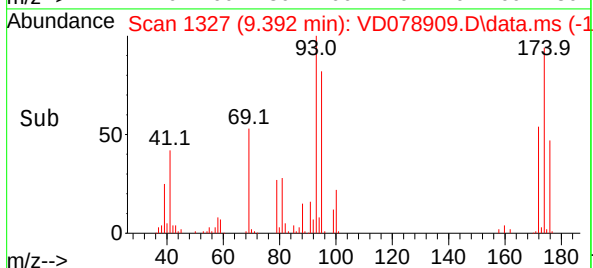
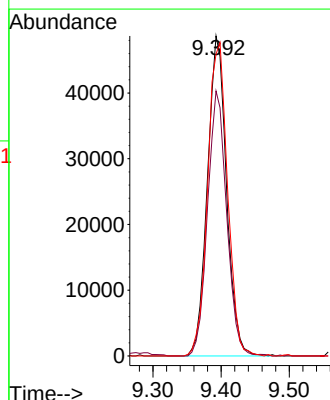
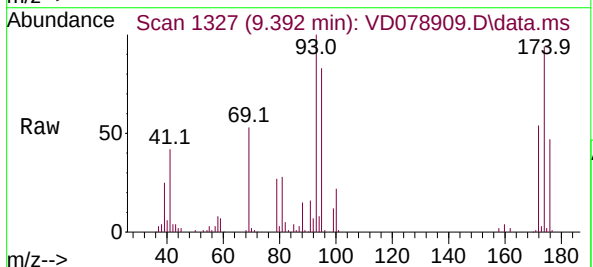
Instrument :
MSVOA_D
ClientSampleId :

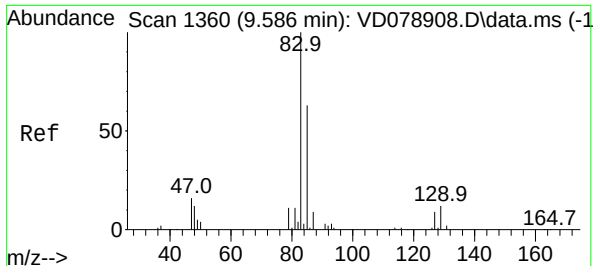
Tgt Ion: 63 Resp: 144767
Ion Ratio Lower Upper
63 100
65 30.4 23.8 35.8



#46
Dibromomethane
Concen: 100.168 ug/l
RT: 9.392 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

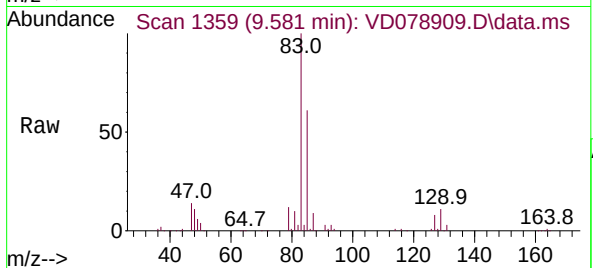
Tgt Ion: 93 Resp: 95080
Ion Ratio Lower Upper
93 100
95 83.0 65.6 98.4
174 101.8 82.3 123.5



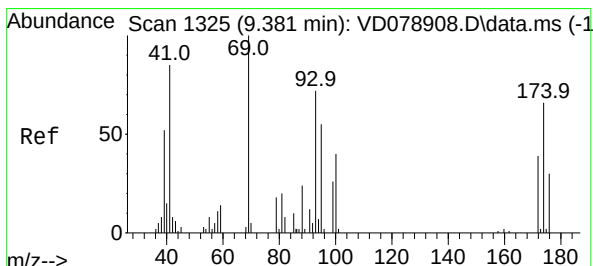
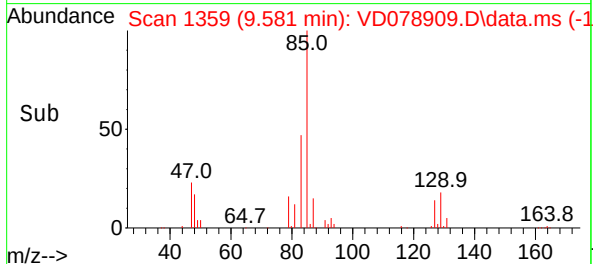
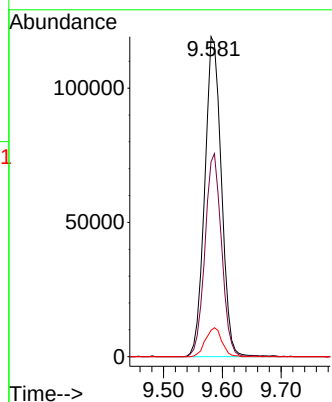


#47
Bromodichloromethane
Concen: 102.390 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Instrument :
MSVOA_D
ClientSampleId :

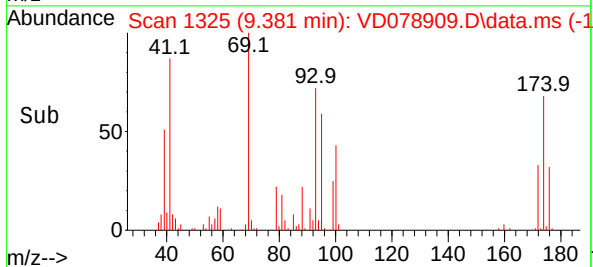
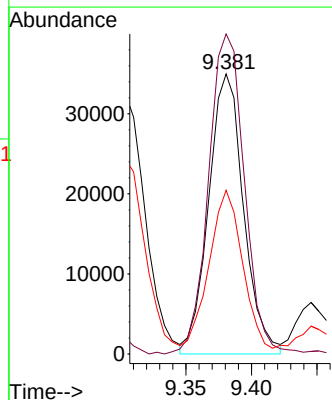
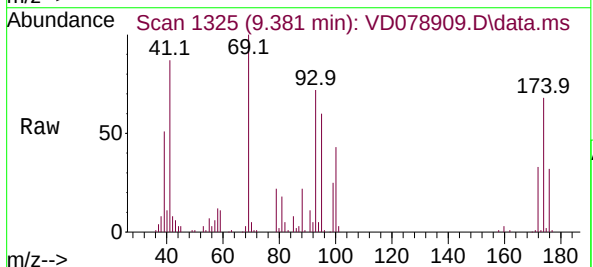


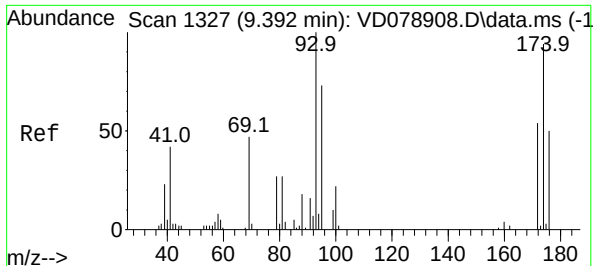
Tgt Ion: 83 Resp: 233953
Ion Ratio Lower Upper
83 100
85 60.9 50.1 75.1
127 8.3 6.8 10.2



#48
Methyl methacrylate
Concen: 108.394 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Tgt Ion: 41 Resp: 64731
Ion Ratio Lower Upper
41 100
69 117.5 96.7 145.1
39 53.3 43.8 65.6





#49

1,4-Dioxane

Concen: 2363.220 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

Instrument :

MSVOA_D

ClientSampleId :

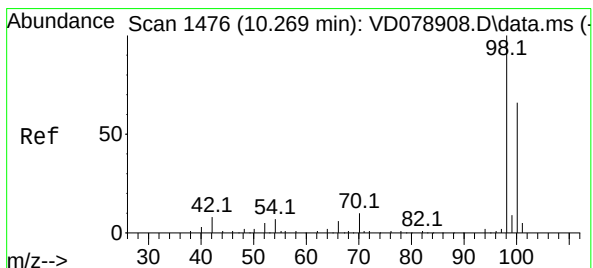
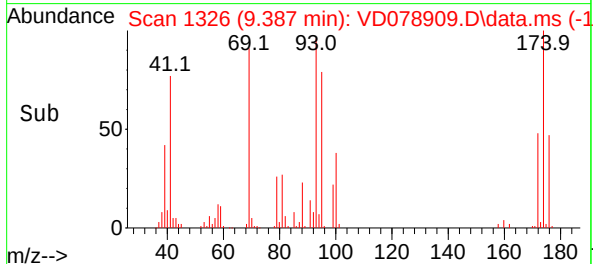
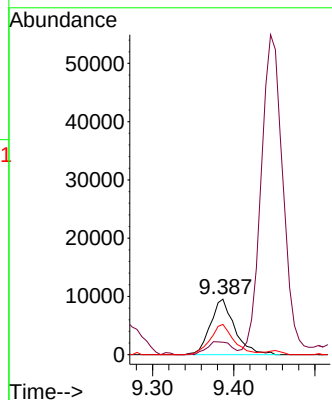
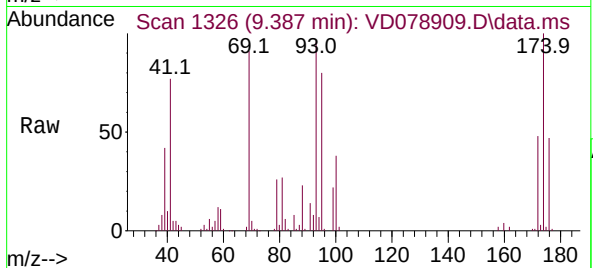
Tgt Ion: 88 Resp: 19732

Ion Ratio Lower Upper

88 100

43 23.8 21.5 32.3

58 52.7 42.2 63.4



#50

Toluene-d8

Concen: 95.715 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078909.D

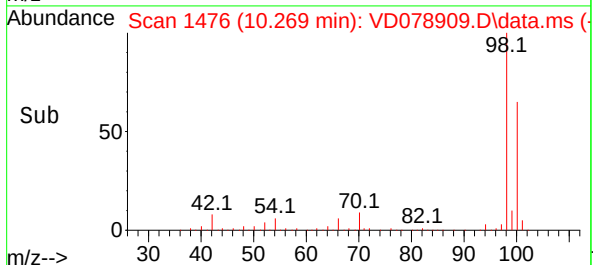
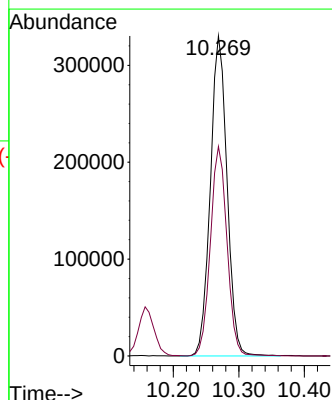
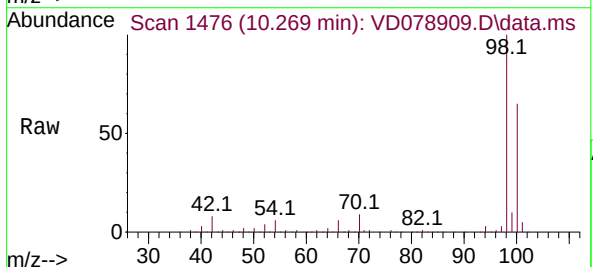
Acq: 13 May 2024 12:12

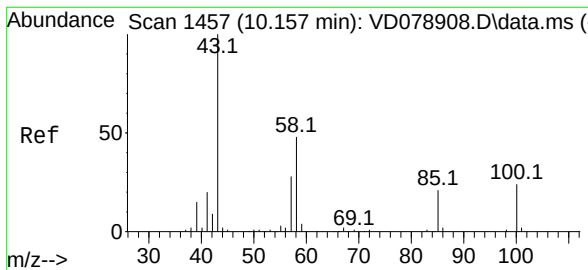
Tgt Ion: 98 Resp: 584963

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4

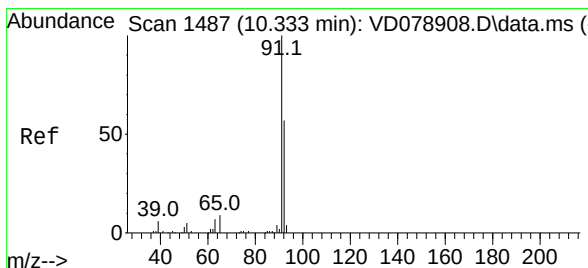
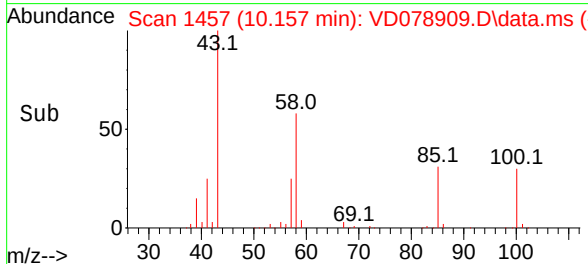
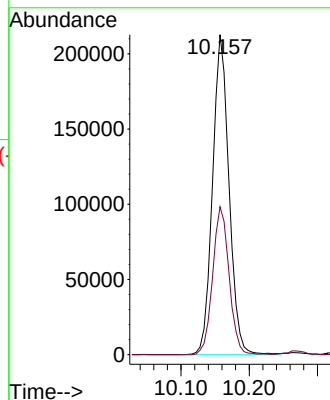
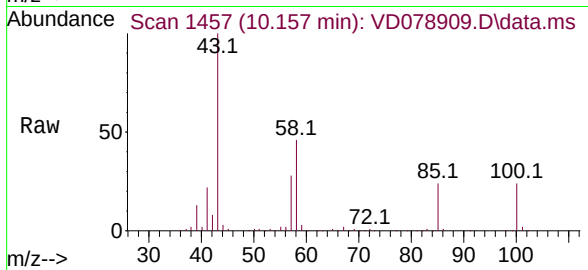




#51
4-Methyl-2-Pentanone
Concen: 547.657 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

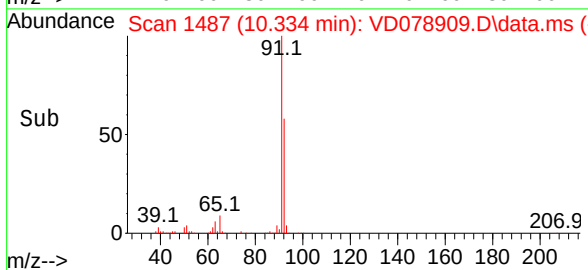
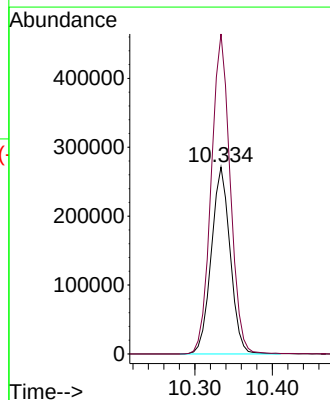
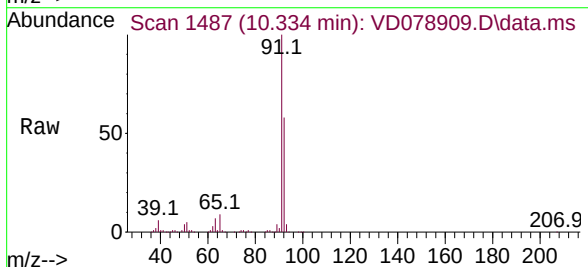
Instrument :
MSVOA_D
ClientSampleId :

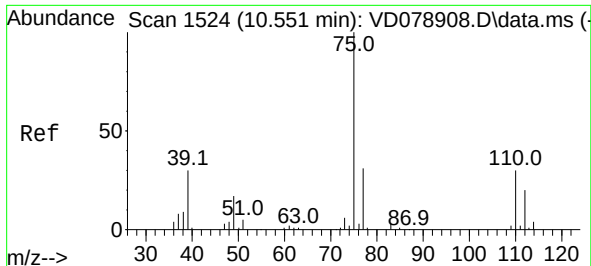
Tgt Ion: 43 Resp: 357841
Ion Ratio Lower Upper
43 100
58 46.2 36.6 55.0



#52
Toluene
Concen: 109.097 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Tgt Ion: 92 Resp: 458218
Ion Ratio Lower Upper
92 100
91 172.8 141.7 212.5





#53

t-1,3-Dichloropropene

Concen: 108.183 ug/l

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

Instrument :

MSVOA_D

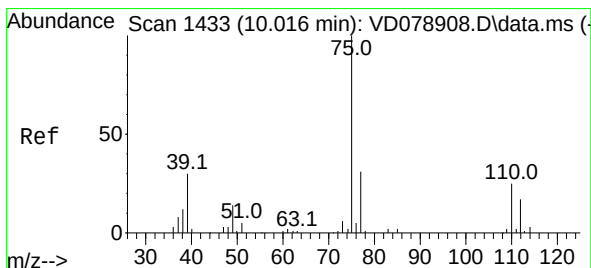
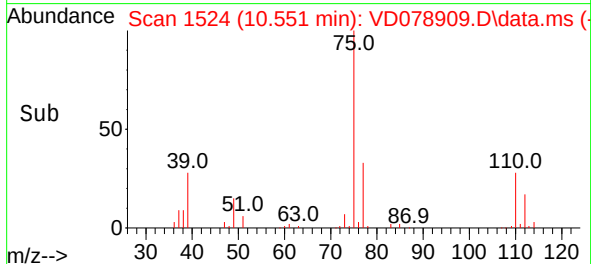
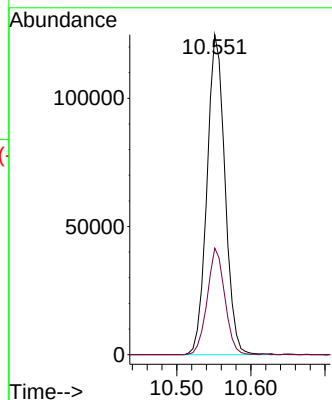
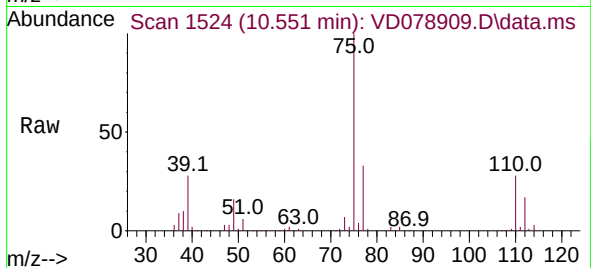
ClientSampleId :

Tgt Ion: 75 Resp: 210049

Ion Ratio Lower Upper

75 100

77 33.3 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 106.051 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

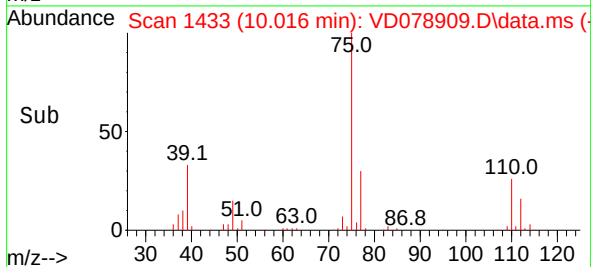
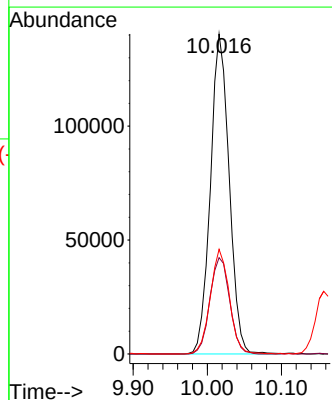
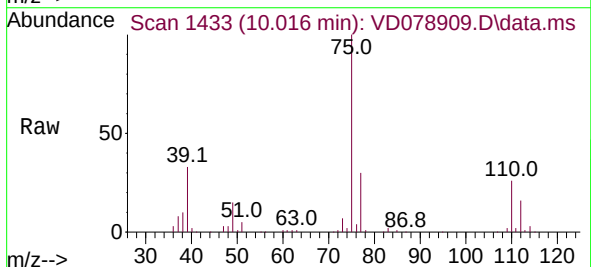
Tgt Ion: 75 Resp: 247146

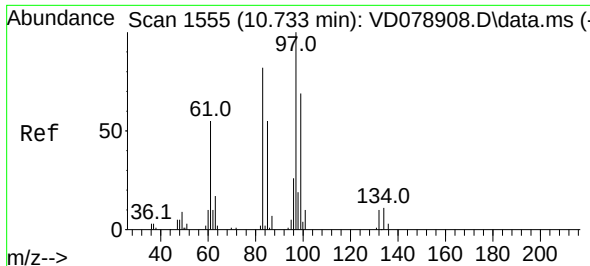
Ion Ratio Lower Upper

75 100

77 30.1 24.4 36.6

39 32.7 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 102.744 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 125998

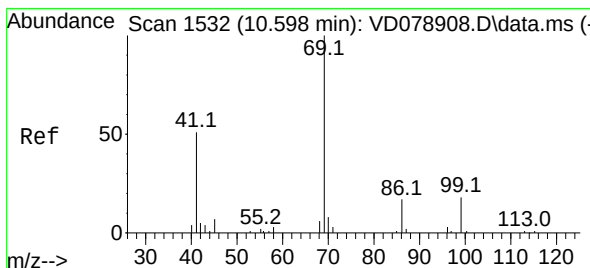
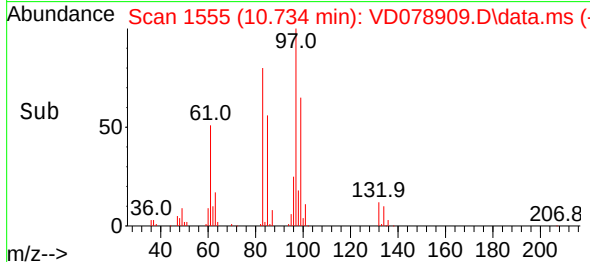
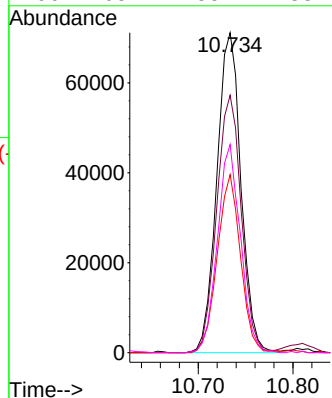
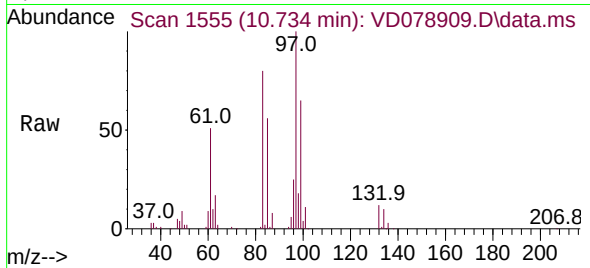
Ion Ratio Lower Upper

97 100

83 80.4 65.8 98.8

85 55.7 43.8 65.8

99 65.1 55.4 83.0



#56

Ethyl methacrylate

Concen: 117.034 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

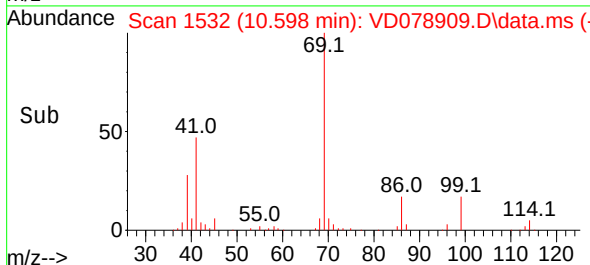
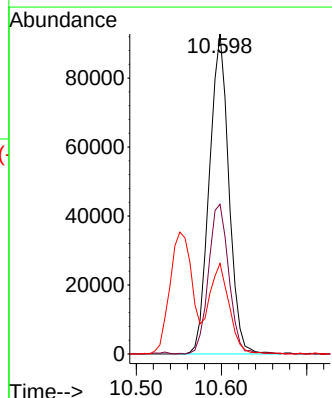
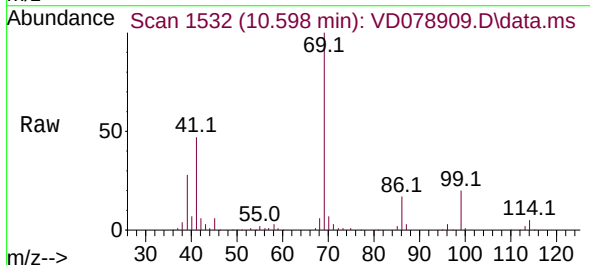
Tgt Ion: 69 Resp: 147663

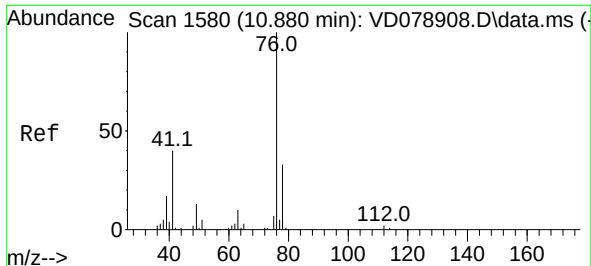
Ion Ratio Lower Upper

69 100

41 48.8 39.8 59.6

39 28.6 20.2 30.4





#57

1,3-Dichloropropane

Concen: 105.646 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

Instrument :

MSVOA_D

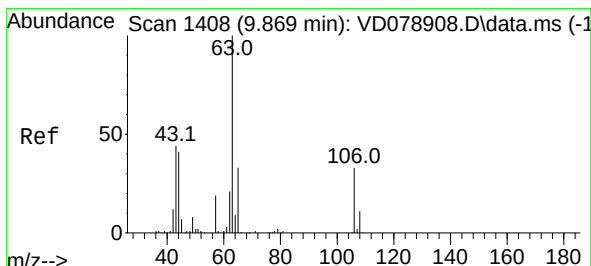
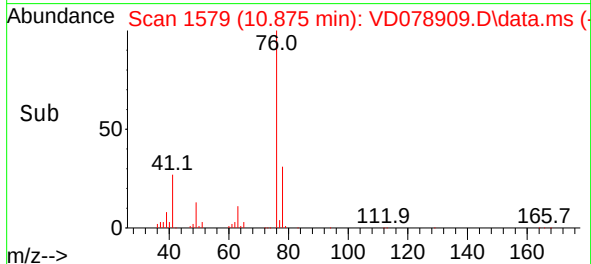
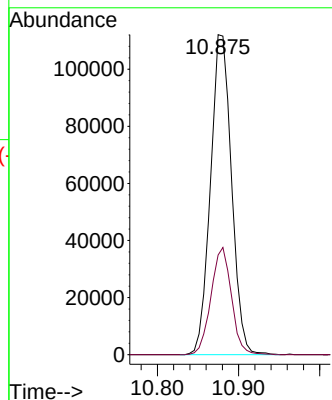
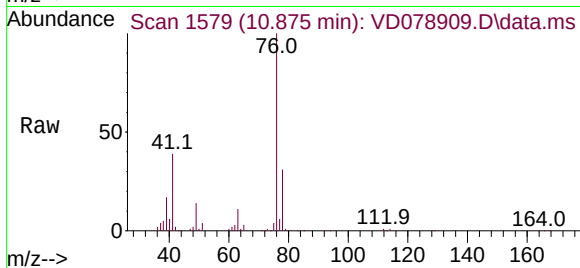
ClientSampleId :

Tgt Ion: 76 Resp: 201738

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 552.879 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078909.D

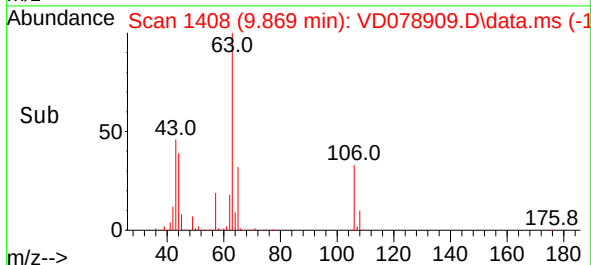
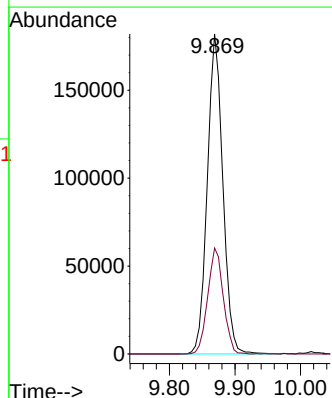
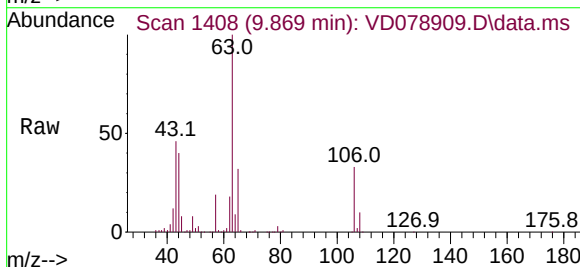
Acq: 13 May 2024 12:12

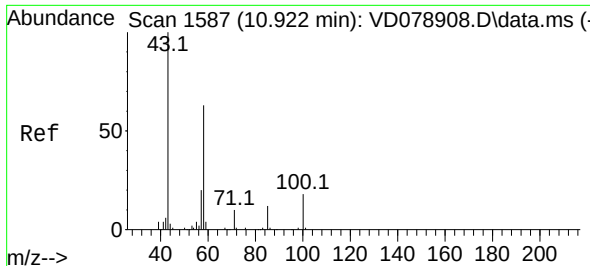
Tgt Ion: 63 Resp: 299726

Ion Ratio Lower Upper

63 100

106 33.2 26.4 39.6





#59

2-Hexanone

Concen: 570.688 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

Instrument :

MSVOA_D

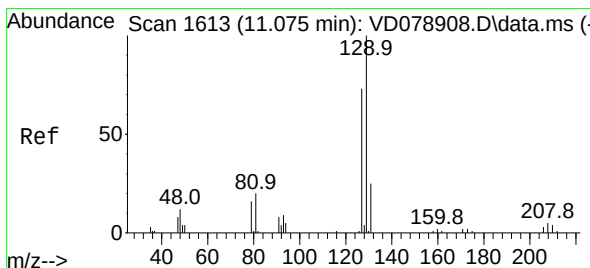
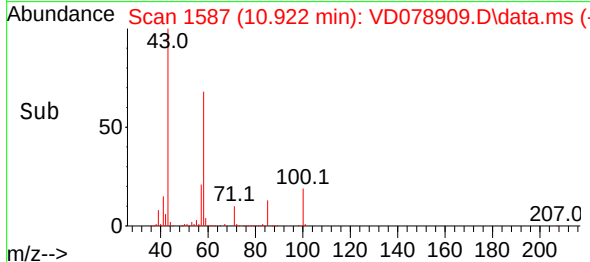
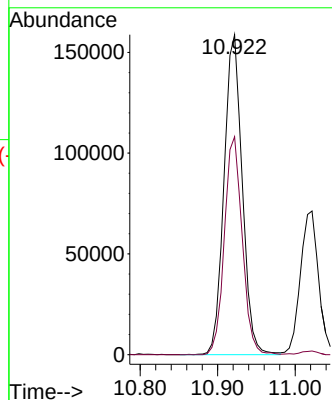
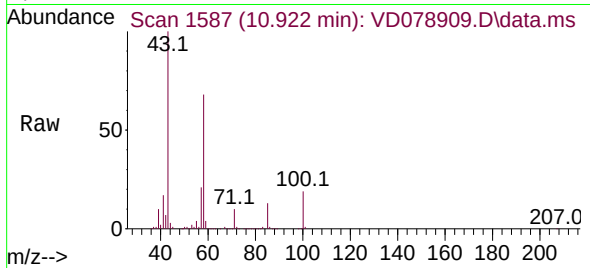
ClientSampleId :

Tgt Ion: 43 Resp: 259548

Ion Ratio Lower Upper

43 100

58 66.7 31.1 93.5



#60

Dibromochloromethane

Concen: 104.247 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD078909.D

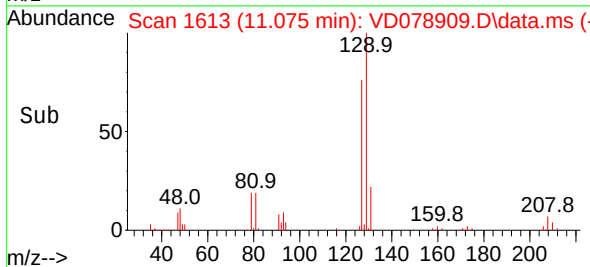
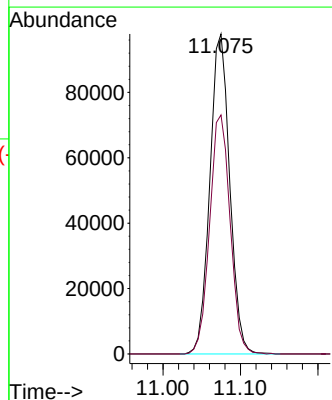
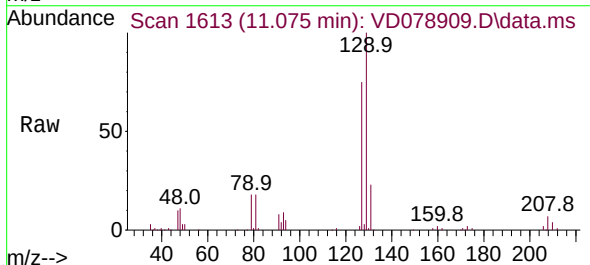
Acq: 13 May 2024 12:12

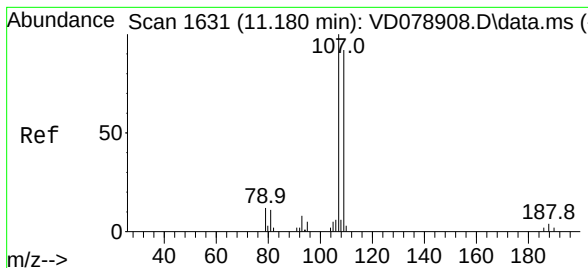
Tgt Ion:129 Resp: 174275

Ion Ratio Lower Upper

129 100

127 77.0 38.0 113.9

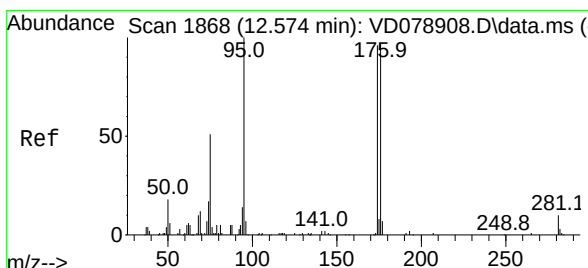
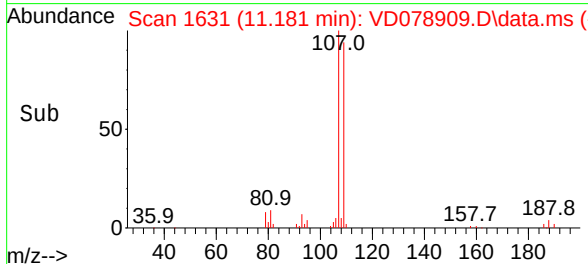
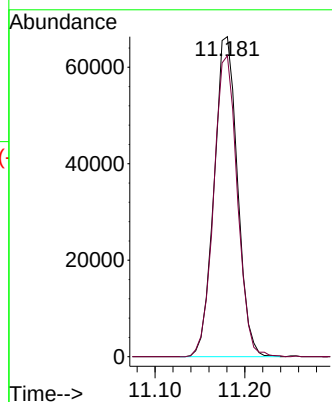
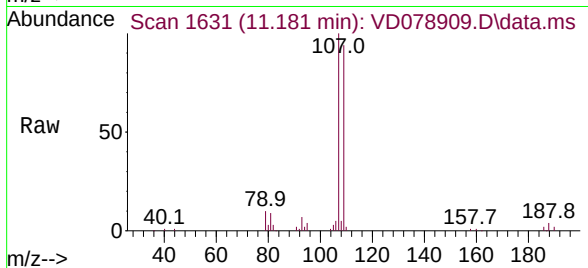




#61
1,2-Dibromoethane
Concen: 107.335 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

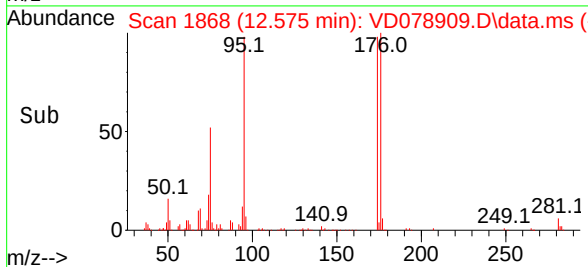
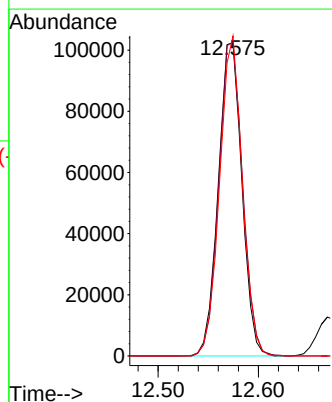
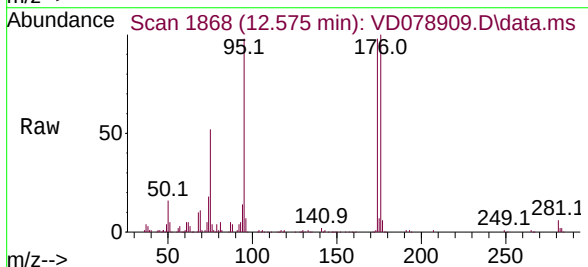
Instrument :
MSVOA_D
ClientSampleId :

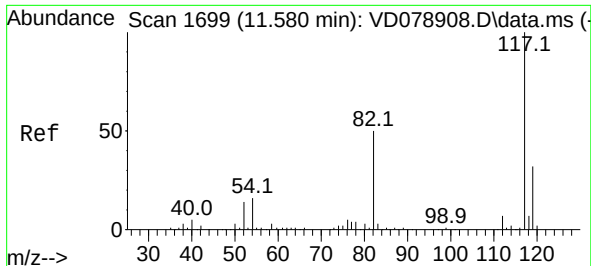
Tgt Ion:107 Resp: 120016
Ion Ratio Lower Upper
107 100
109 95.1 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 97.507 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Tgt Ion: 95 Resp: 167407
Ion Ratio Lower Upper
95 100
174 101.2 0.0 195.4
176 98.3 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

Instrument :

MSVOA_D

ClientSampleId :

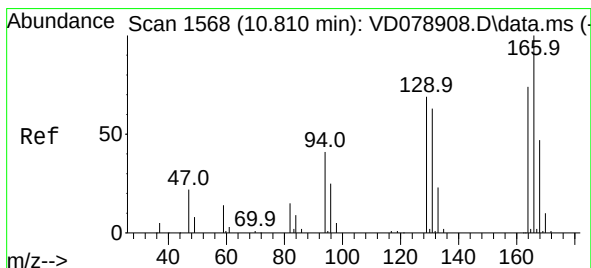
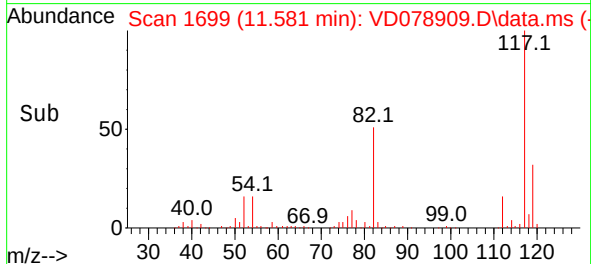
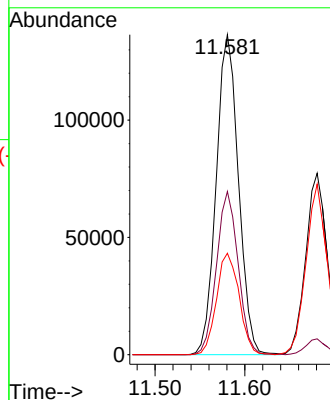
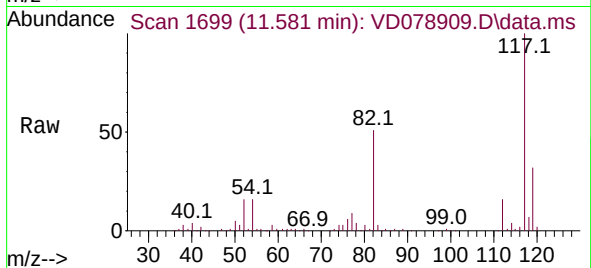
Tgt Ion:117 Resp: 235244

Ion Ratio Lower Upper

117 100

82 51.0 39.8 59.6

119 31.7 25.7 38.5



#64

Tetrachloroethene

Concen: 105.460 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

Tgt Ion:164 Resp: 157397

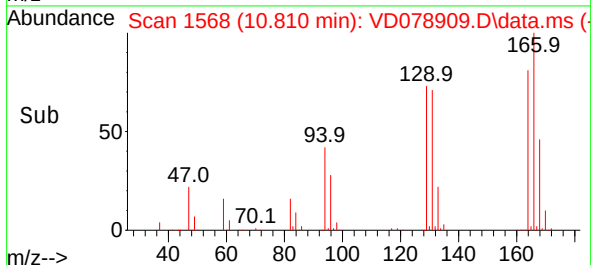
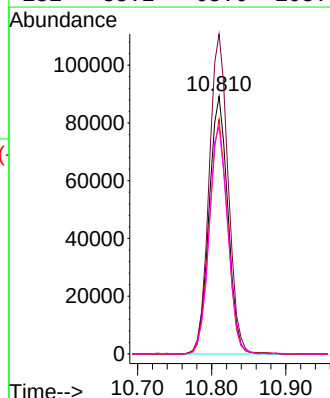
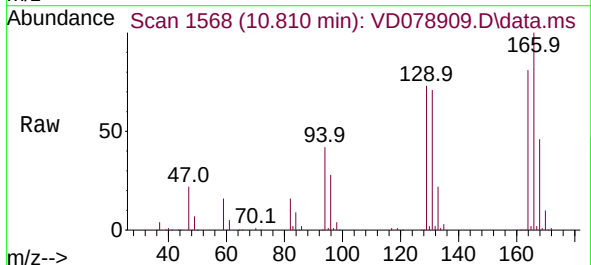
Ion Ratio Lower Upper

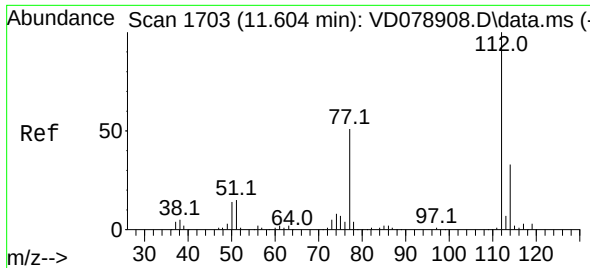
164 100

166 124.2 108.6 163.0

129 91.0 74.6 112.0

131 88.2 68.6 103.0

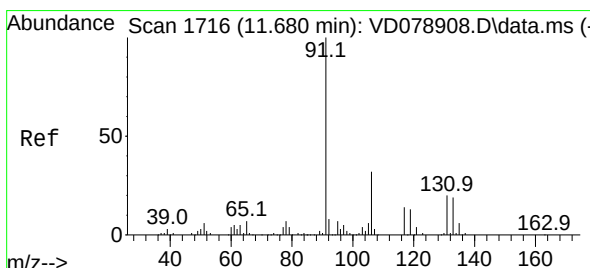
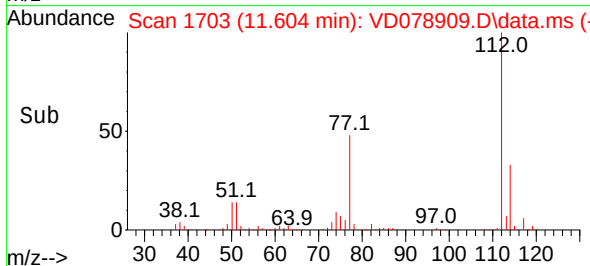
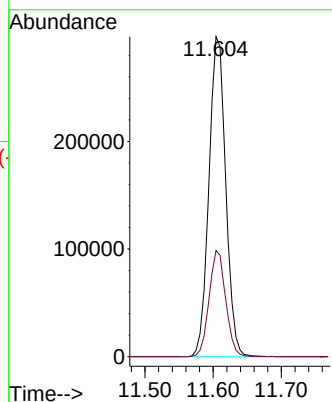
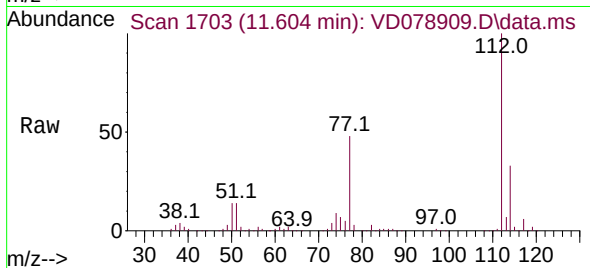




#65
Chlorobenzene
Concen: 104.267 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

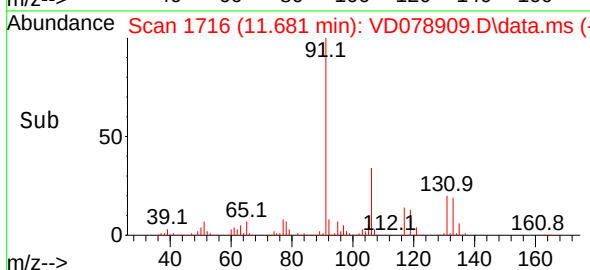
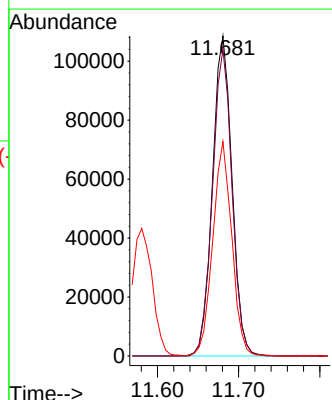
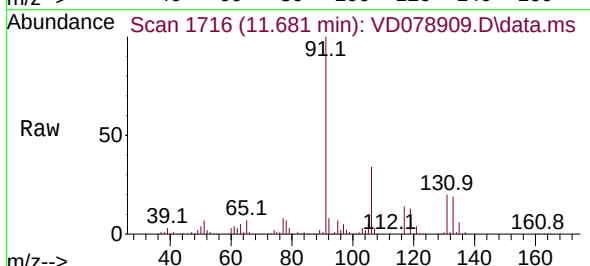
Instrument :
MSVOA_D
ClientSampleId :

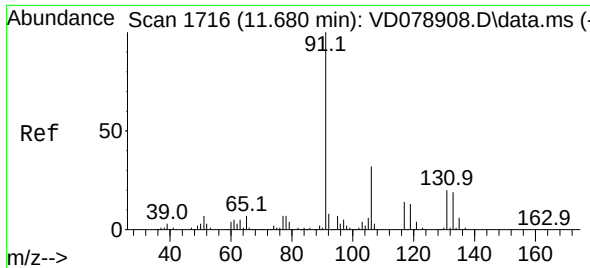
Tgt Ion:112 Resp: 510200
Ion Ratio Lower Upper
112 100
114 33.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 107.170 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Tgt Ion:131 Resp: 181292
Ion Ratio Lower Upper
131 100
133 96.1 49.2 147.6
119 65.4 33.4 100.2

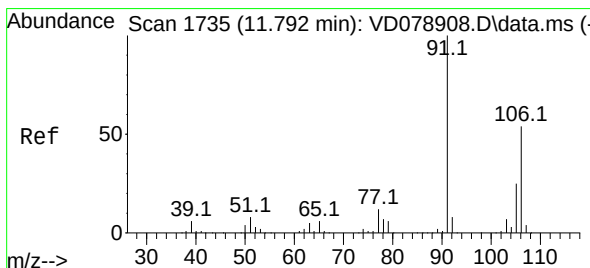
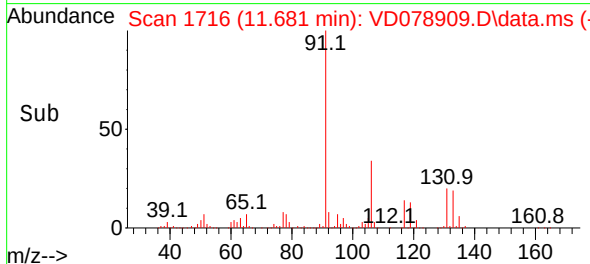
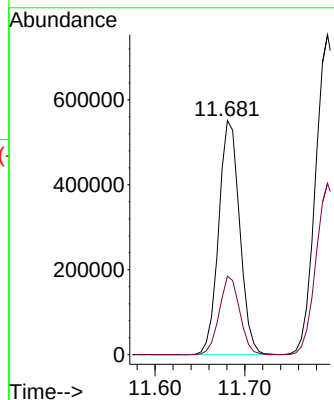
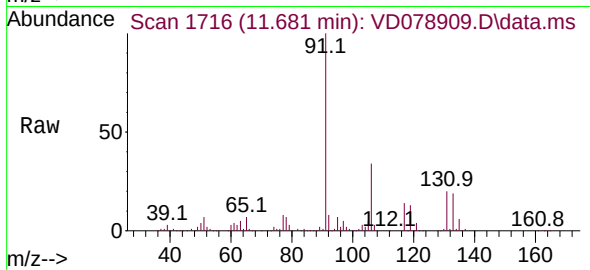




#67
Ethyl Benzene
Concen: 113.703 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

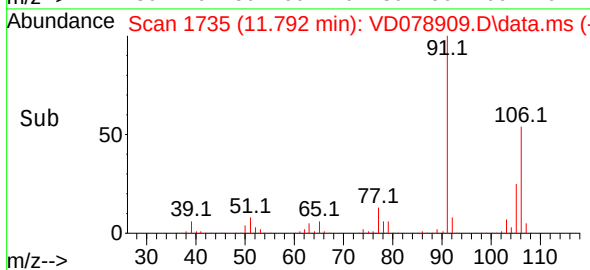
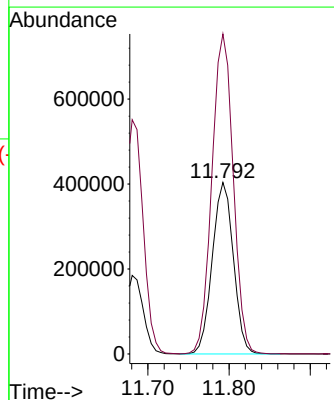
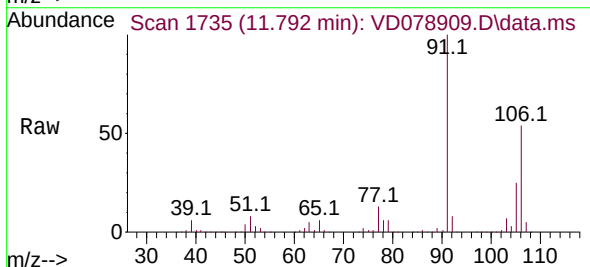
Instrument :
MSVOA_D
ClientSampleId :

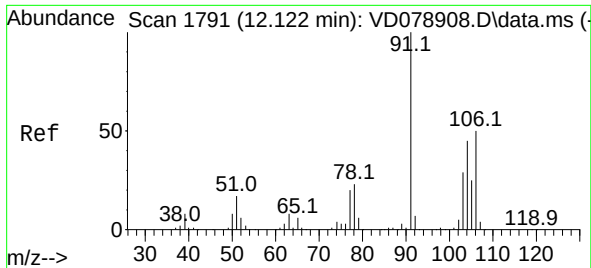
Tgt Ion: 91 Resp: 894903
Ion Ratio Lower Upper
91 100
106 33.5 25.8 38.6



#68
m/p-Xylenes
Concen: 227.875 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Tgt Ion:106 Resp: 729168
Ion Ratio Lower Upper
106 100
91 188.6 148.5 222.7





#69

o-Xylene

Concen: 114.405 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

Instrument :

MSVOA_D

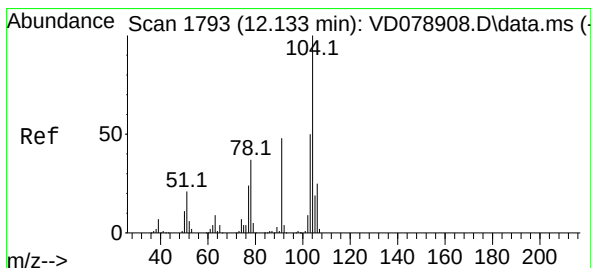
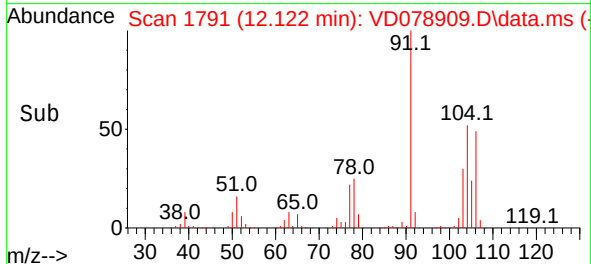
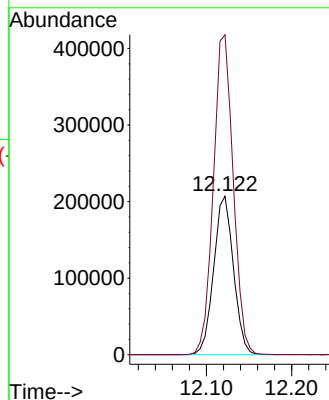
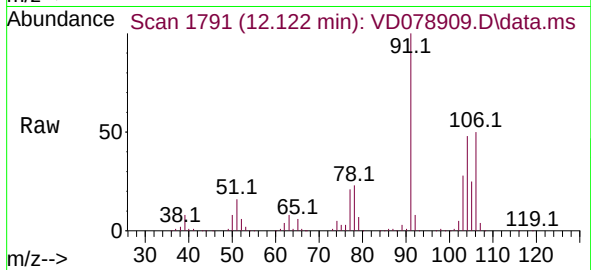
ClientSampleId :

Tgt Ion:106 Resp: 333741

Ion Ratio Lower Upper

106 100

91 203.1 96.7 290.1



#70

Styrene

Concen: 116.303 ug/l

RT: 12.133 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

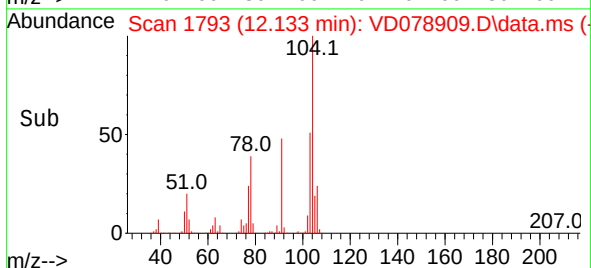
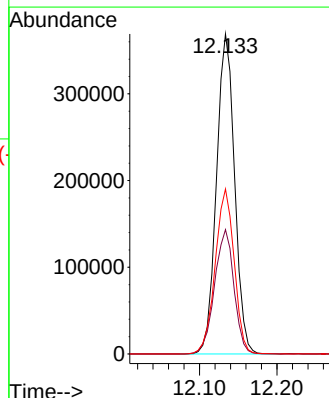
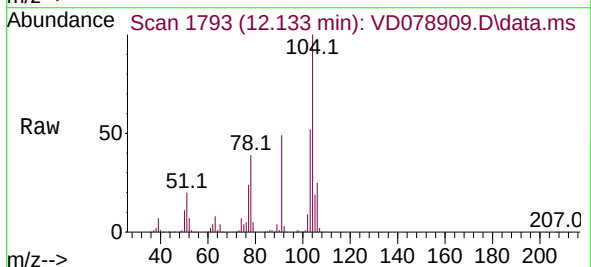
Tgt Ion:104 Resp: 601306

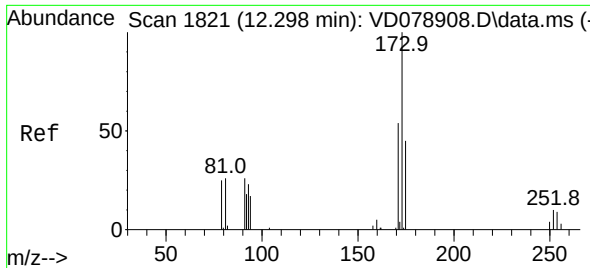
Ion Ratio Lower Upper

104 100

78 41.6 33.0 49.6

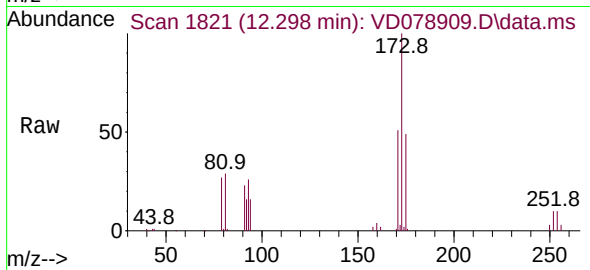
103 54.0 44.2 66.4



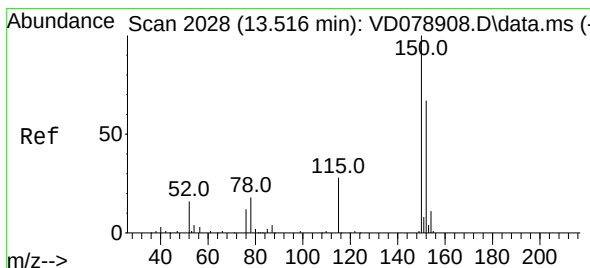
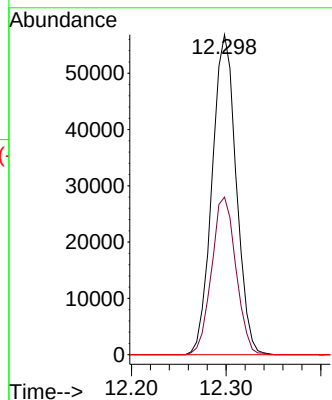
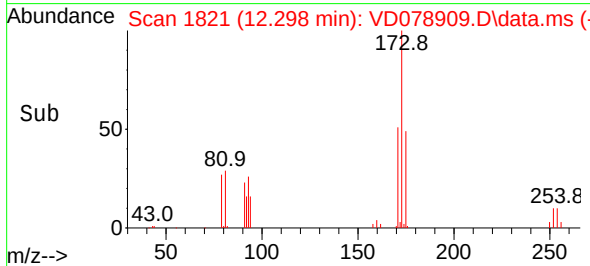


#71
Bromoform
Concen: 103.722 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Instrument :
MSVOA_D
ClientSampleId :

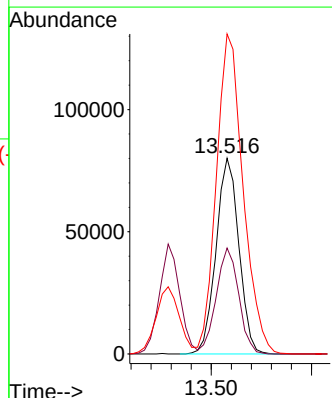
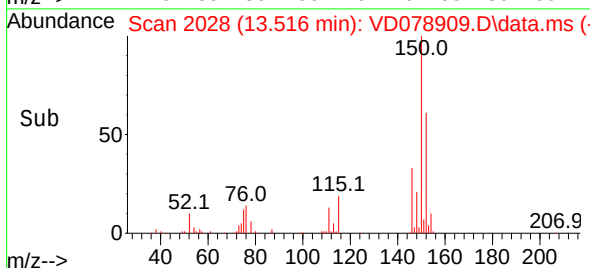
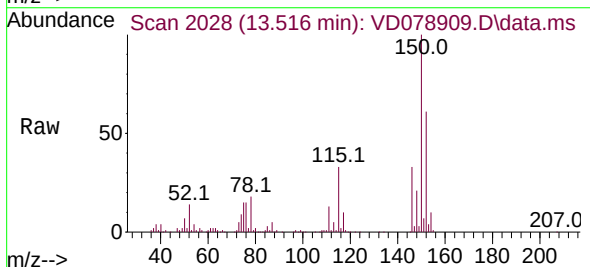


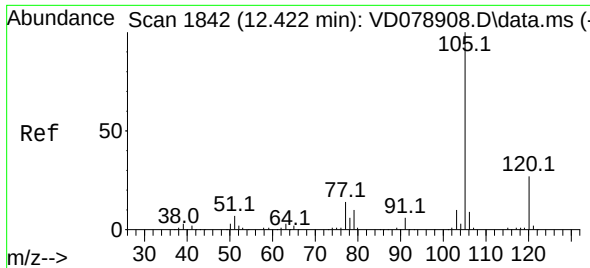
Tgt Ion:173 Resp: 100509
Ion Ratio Lower Upper
173 100
175 49.7 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

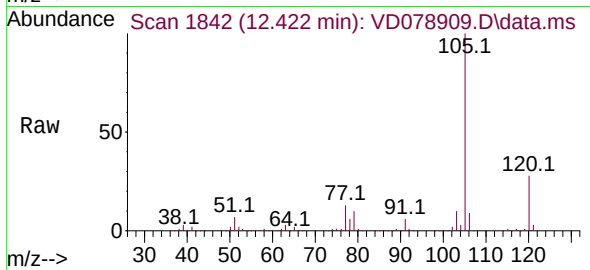
Tgt Ion:152 Resp: 126344
Ion Ratio Lower Upper
152 100
115 53.2 26.5 79.5
150 192.1 0.0 341.6



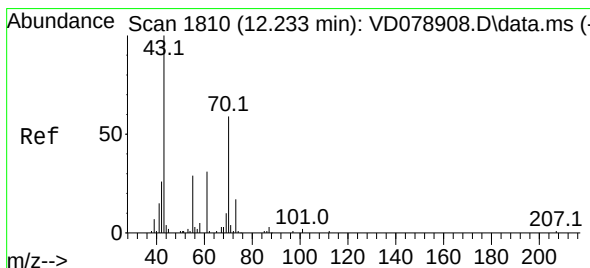
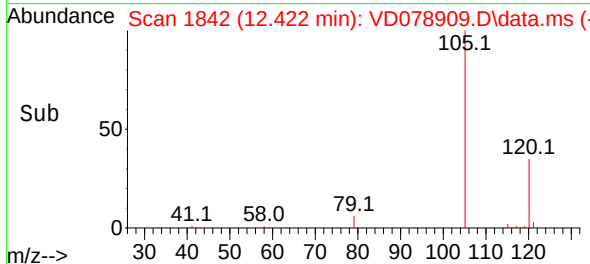
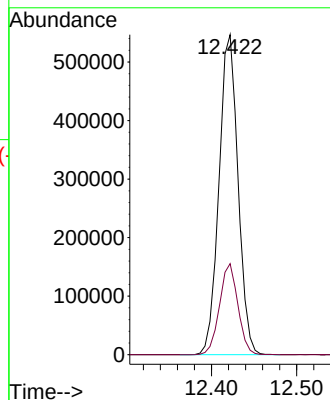


#73
Isopropylbenzene
Concen: 112.441 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Instrument :
MSVOA_D
ClientSampleId :

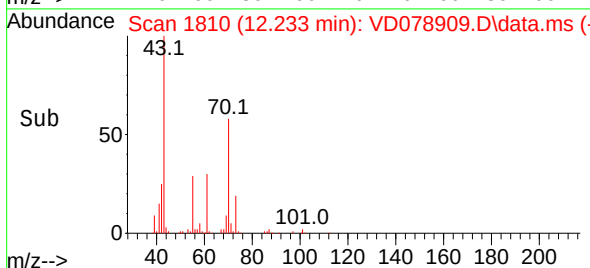
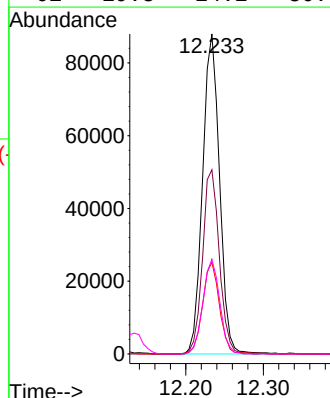
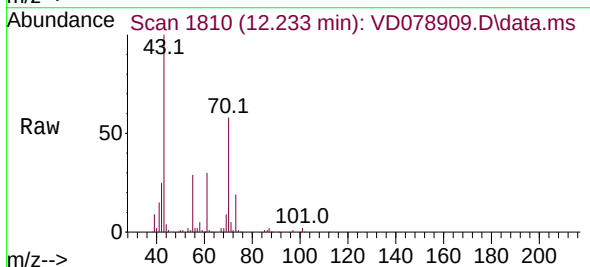


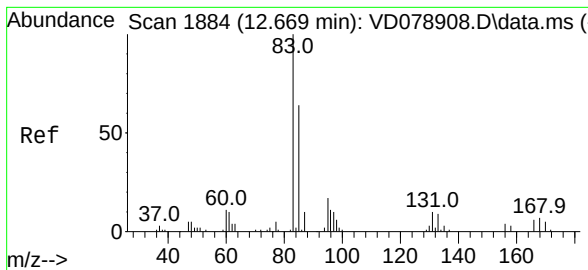
Tgt Ion:105 Resp: 847909
Ion Ratio Lower Upper
105 100
120 27.5 13.6 40.7



#74
N-ethyl acetate
Concen: 109.176 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Tgt Ion: 43 Resp: 133586
Ion Ratio Lower Upper
43 100
70 56.9 44.3 66.5
55 28.5 23.2 34.8
61 29.3 24.2 36.4

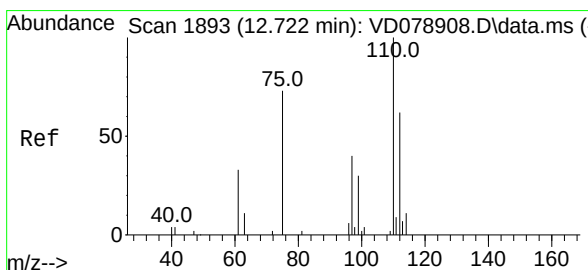
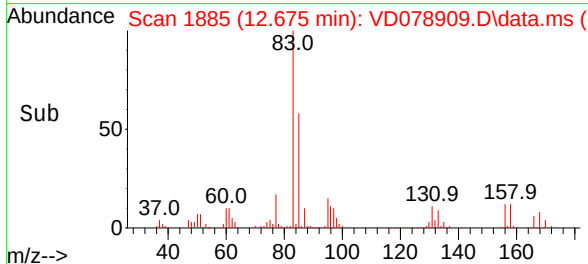
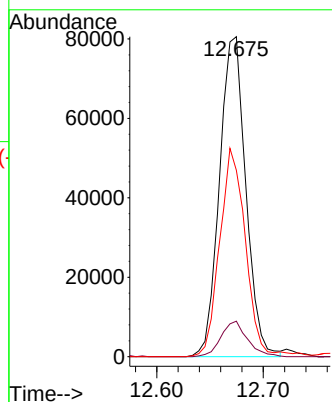
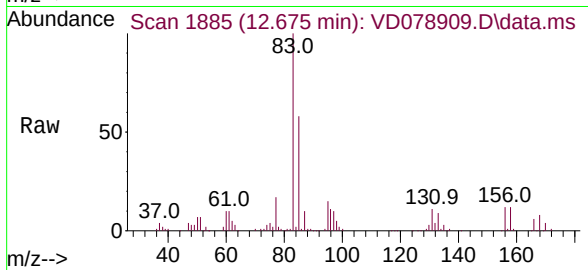




#75
1,1,2,2-Tetrachloroethane
Concen: 101.674 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

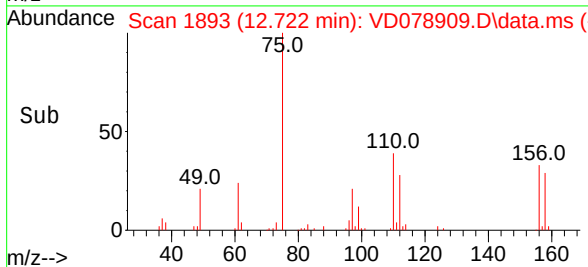
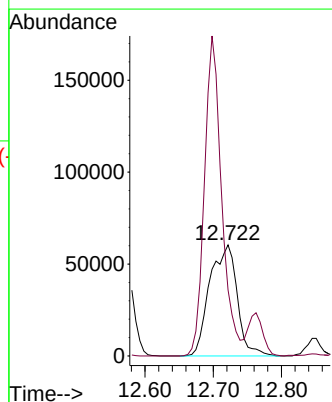
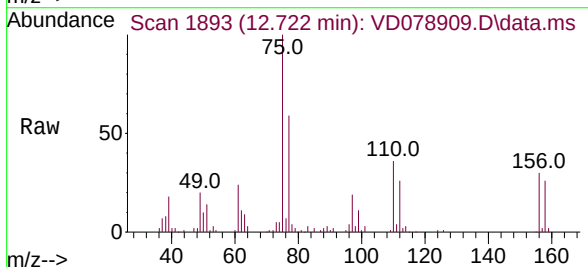
Instrument :
MSVOA_D
ClientSampleId :

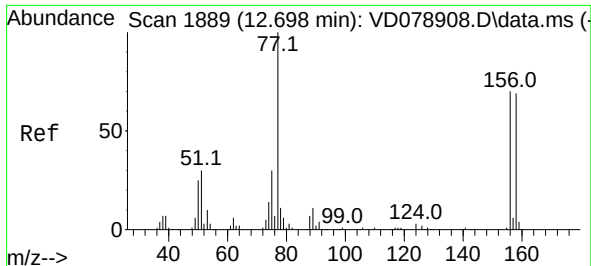
Tgt Ion: 83 Resp: 138299
Ion Ratio Lower Upper
83 100
131 11.2 5.5 16.5
85 64.2 33.8 101.3



#76
1,2,3-Trichloropropane
Concen: 189.162 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

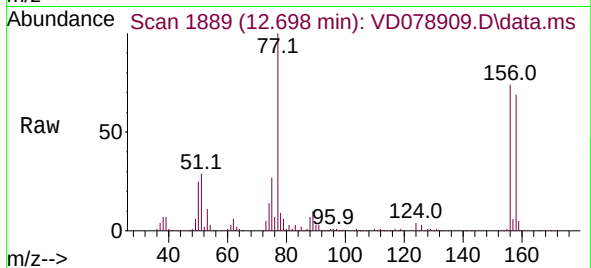
Tgt Ion: 75 Resp: 169492
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



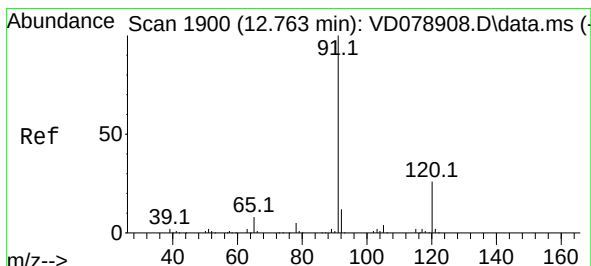
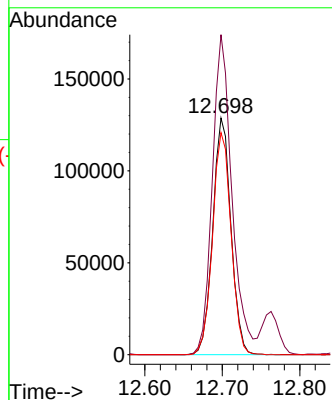
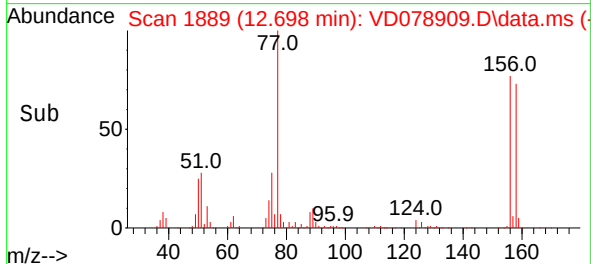


#77
Bromobenzene
Concen: 105.781 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Instrument :
MSVOA_D
ClientSampleId :

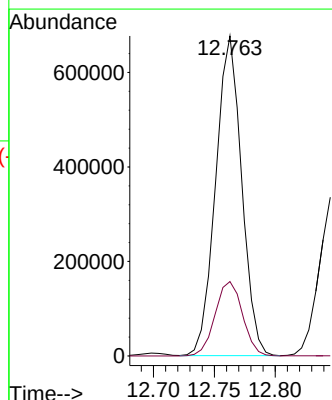
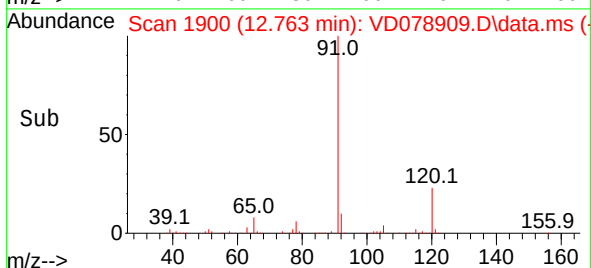
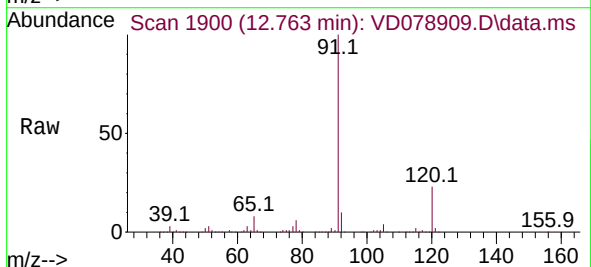


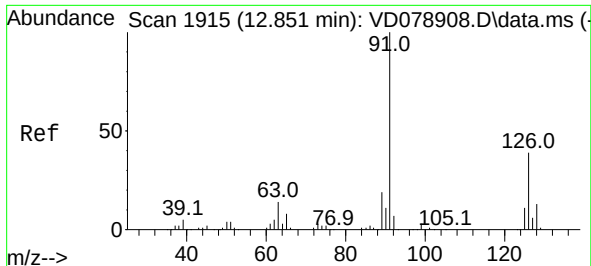
Tgt Ion:156 Resp: 209763
Ion Ratio Lower Upper
156 100
77 145.6 77.3 231.9
158 95.5 49.6 149.0



#78
n-propylbenzene
Concen: 110.202 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Tgt Ion: 91 Resp: 1004441
Ion Ratio Lower Upper
91 100
120 24.6 12.3 36.8





#79

2-Chlorotoluene

Concen: 107.542 ug/l

RT: 12.845 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

Instrument :

MSVOA_D

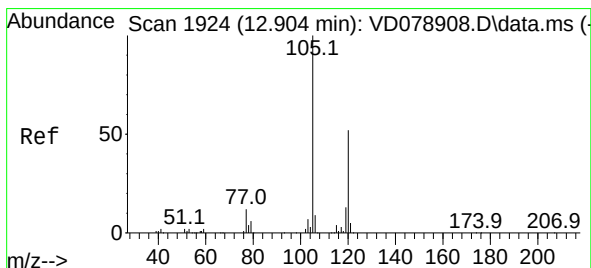
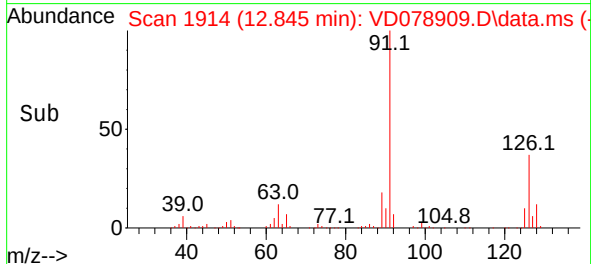
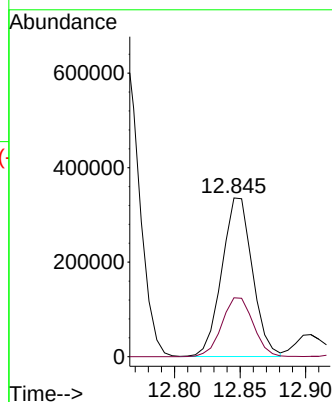
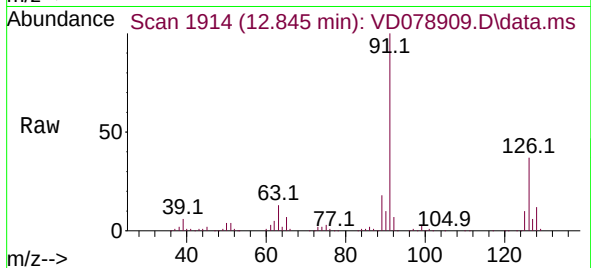
ClientSampleId :

Tgt Ion: 91 Resp: 544798

Ion Ratio Lower Upper

91 100

126 38.1 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 113.896 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078909.D

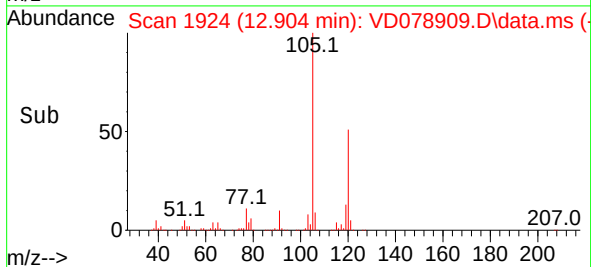
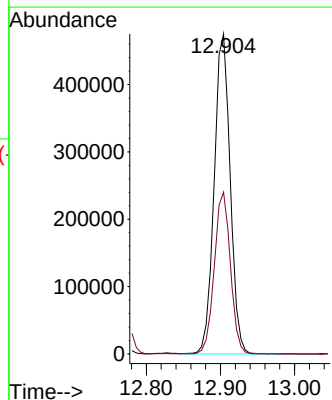
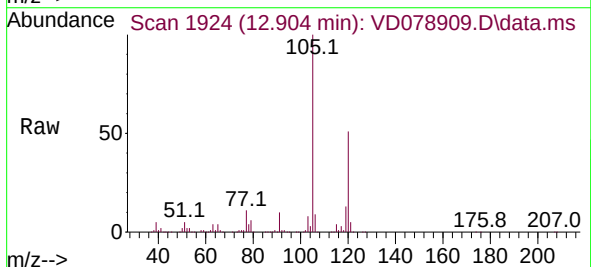
Acq: 13 May 2024 12:12

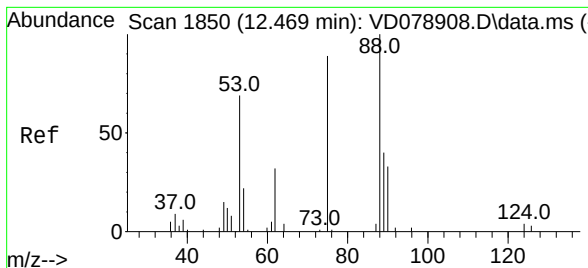
Tgt Ion:105 Resp: 713572

Ion Ratio Lower Upper

105 100

120 50.7 25.7 77.1

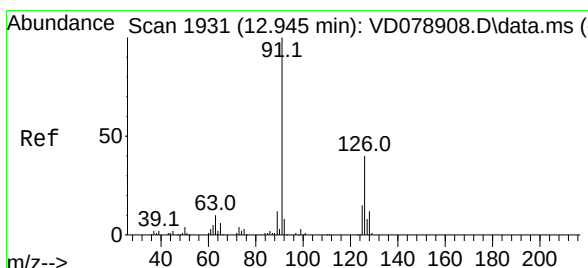
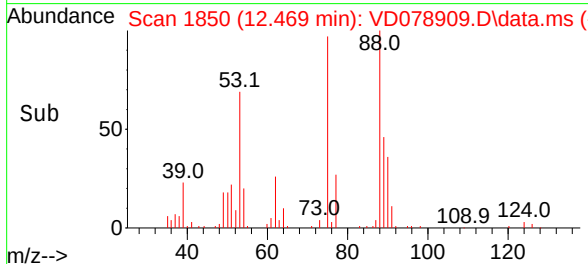
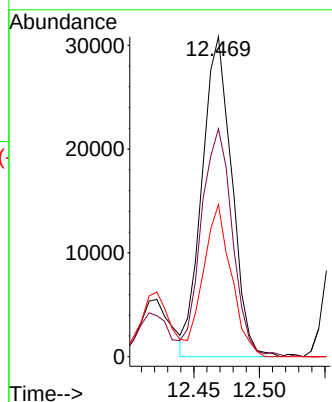
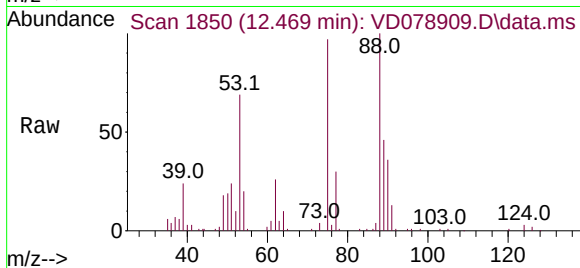




#81
trans-1,4-Dichloro-2-butene
Concen: 108.463 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

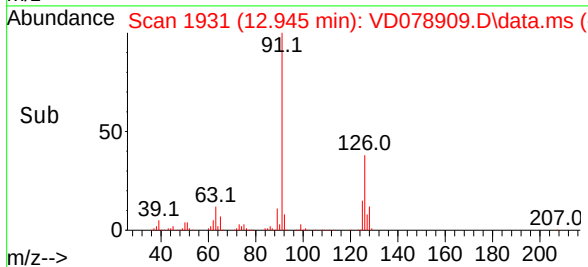
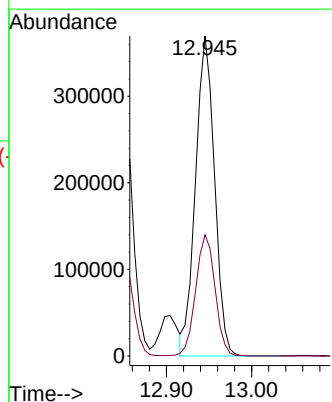
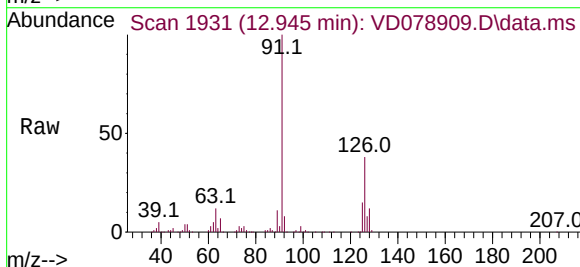
Instrument :
MSVOA_D
ClientSampleId :

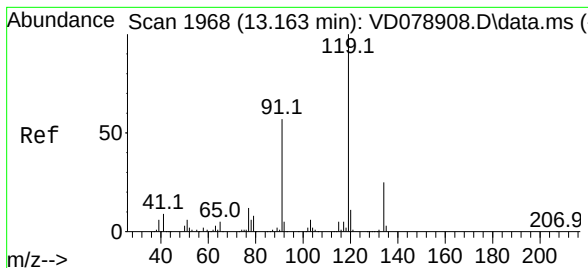
Tgt Ion	Ratio	Lower	Upper
75	100		
53	74.9	61.4	92.2
89	44.2	35.4	53.0



#82
4-Chlorotoluene
Concen: 107.811 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	38.5	18.9	56.9





#83

tert-Butylbenzene

Concen: 116.243 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

Instrument :

MSVOA_D

ClientSampleId :

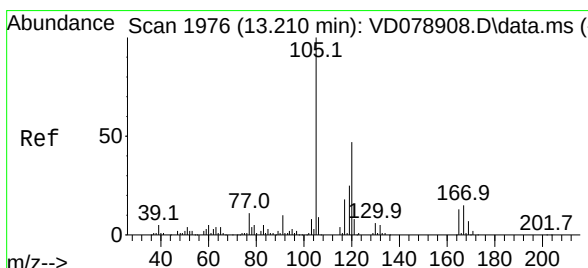
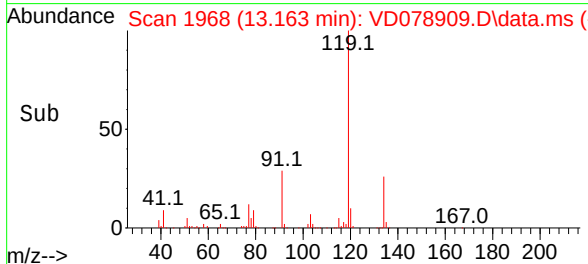
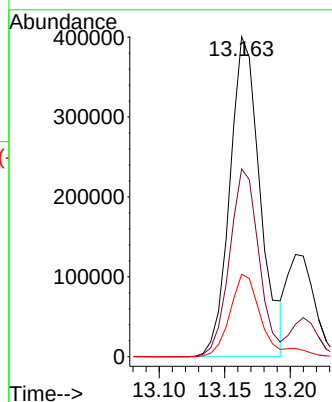
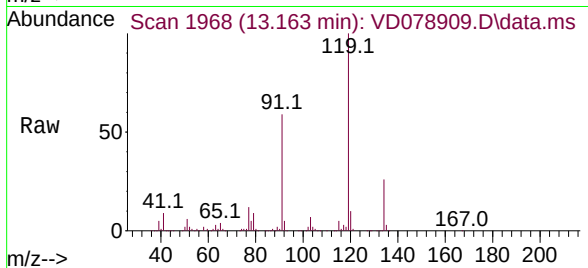
Tgt Ion:119 Resp: 644084

Ion Ratio Lower Upper

119 100

91 56.9 28.2 84.7

134 27.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 113.523 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078909.D

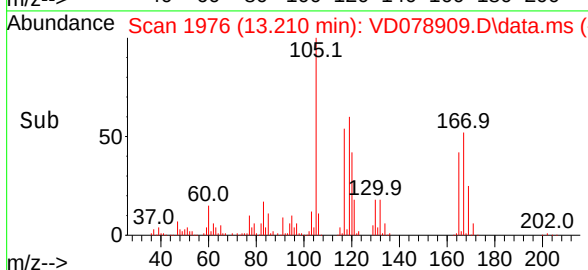
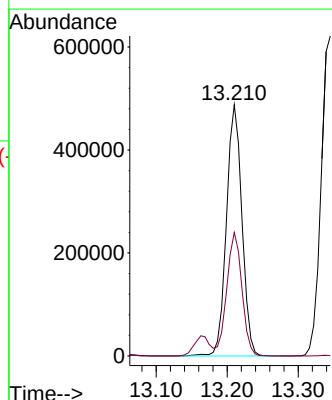
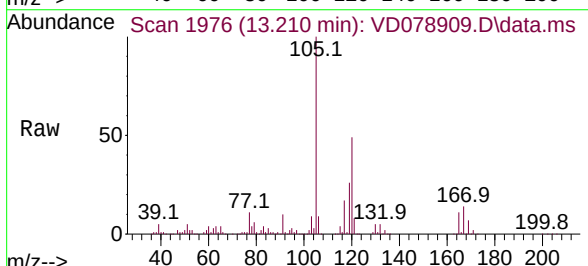
Acq: 13 May 2024 12:12

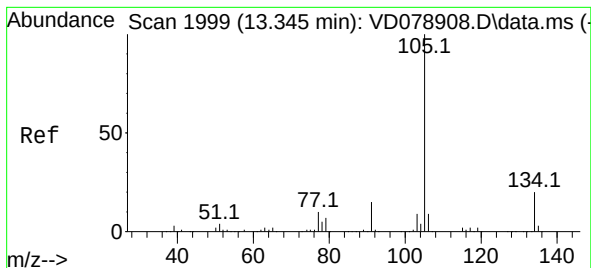
Tgt Ion:105 Resp: 736707

Ion Ratio Lower Upper

105 100

120 48.1 23.6 71.0

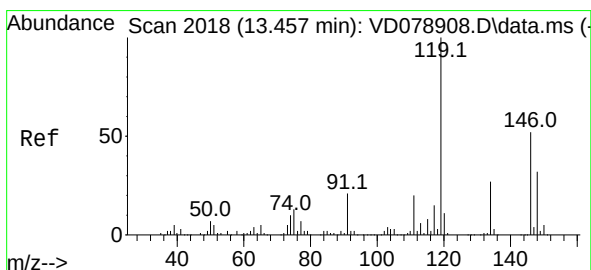
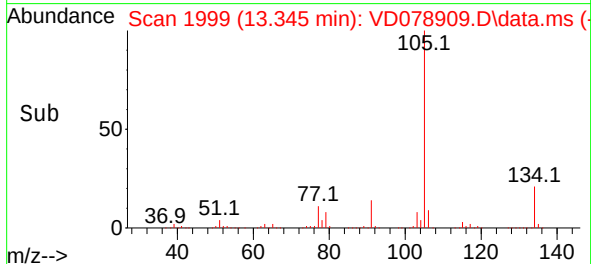
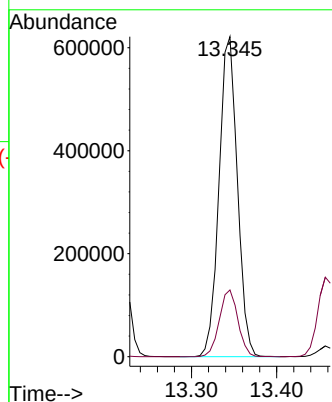
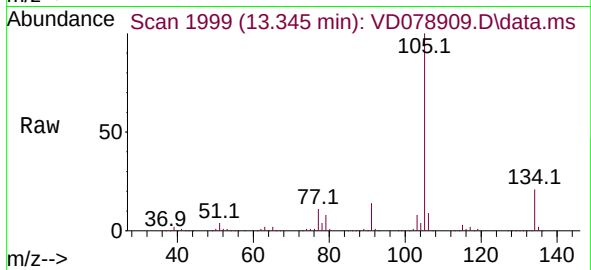




#85
 sec-Butylbenzene
 Concen: 112.628 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078909.D
 Acq: 13 May 2024 12:12

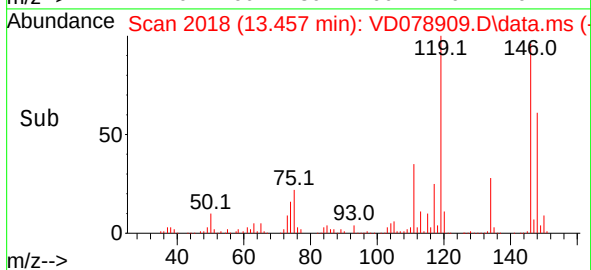
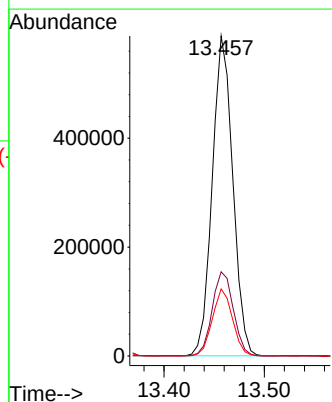
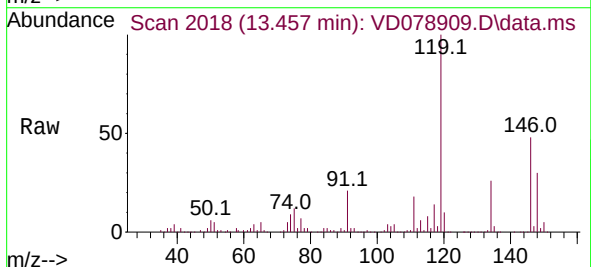
Instrument :
 MSVOA_D
 ClientSampleId :

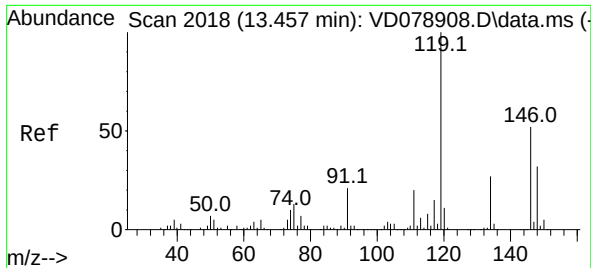
Tgt Ion:105 Resp: 930894
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 115.958 ug/l
 RT: 13.457 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: VD078909.D
 Acq: 13 May 2024 12:12

Tgt Ion:119 Resp: 835021
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.7 41.1
 91 20.6 10.7 32.1

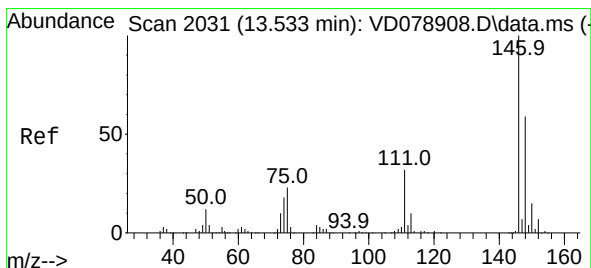
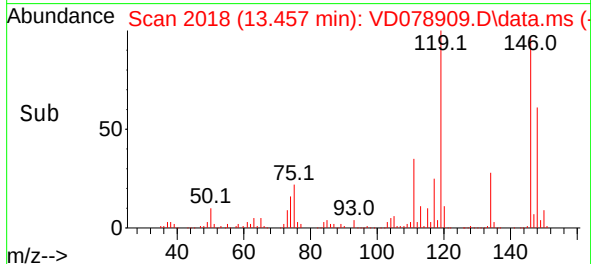
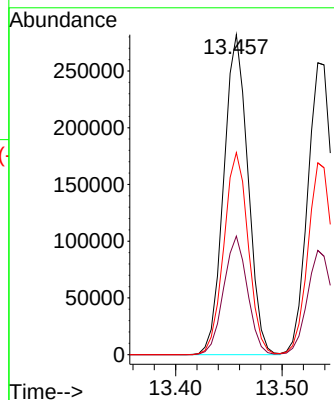
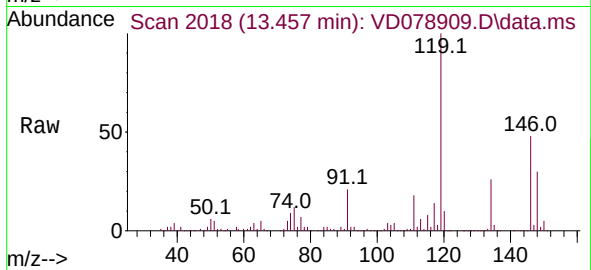




#87
1,3-Dichlorobenzene
Concen: 106.081 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

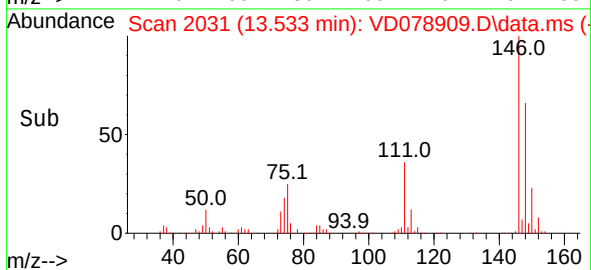
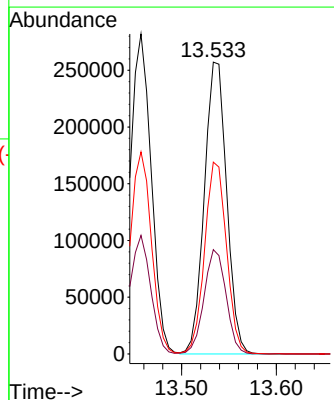
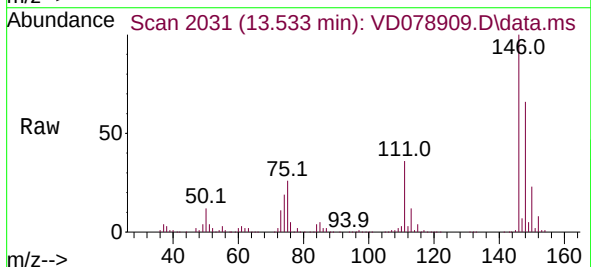
Instrument :
MSVOA_D
ClientSampleId :

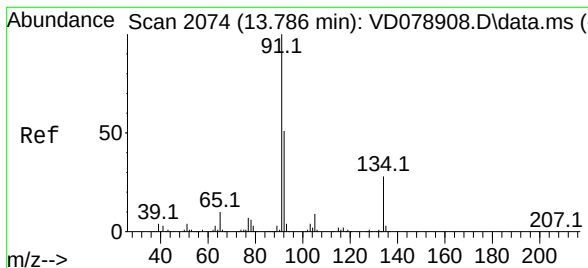
Tgt Ion:146 Resp: 445146
Ion Ratio Lower Upper
146 100
111 36.4 18.5 55.5
148 63.5 30.9 92.8



#88
1,4-Dichlorobenzene
Concen: 102.682 ug/l
RT: 13.533 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Tgt Ion:146 Resp: 421973
Ion Ratio Lower Upper
146 100
111 35.2 17.5 52.6
148 64.5 31.4 94.2





#89

n-Butylbenzene

Concen: 111.824 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

Instrument :

MSVOA_D

ClientSampleId :

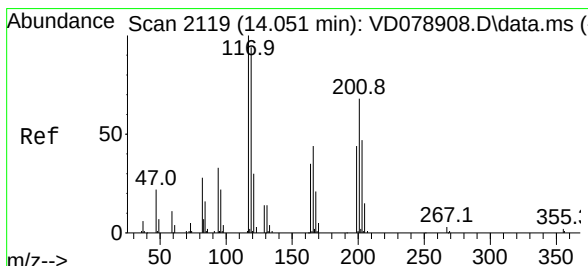
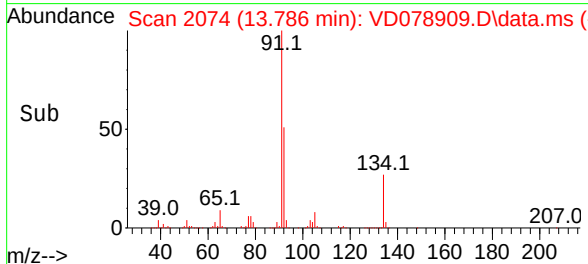
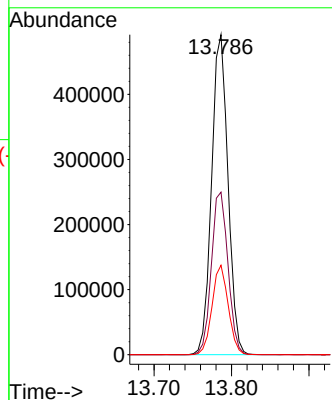
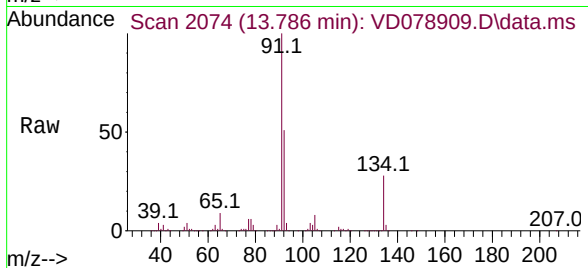
Tgt Ion: 91 Resp: 721555

Ion Ratio Lower Upper

91 100

92 51.6 25.7 77.0

134 27.7 13.6 40.8



#90

Hexachloroethane

Concen: 101.486 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078909.D

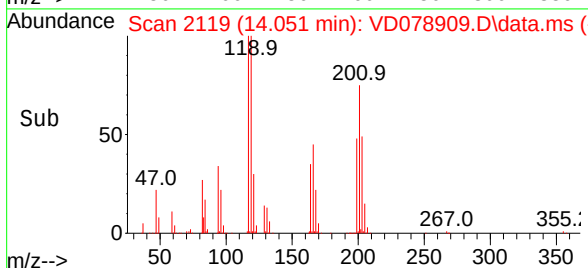
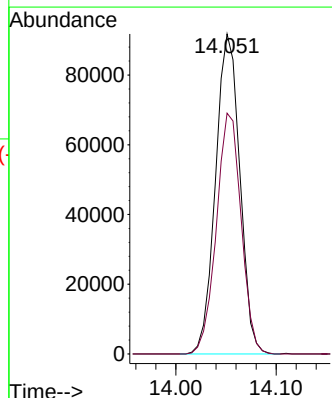
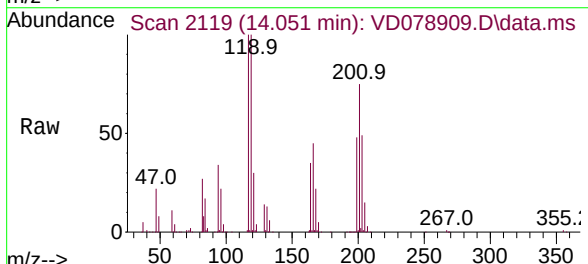
Acq: 13 May 2024 12:12

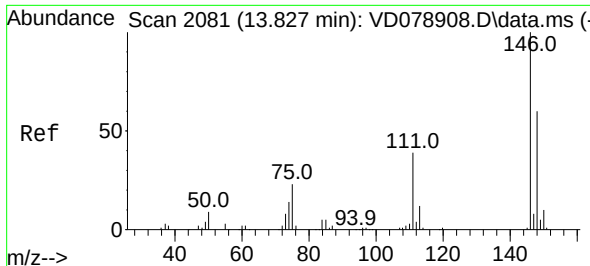
Tgt Ion: 117 Resp: 154151

Ion Ratio Lower Upper

117 100

201 76.8 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 104.187 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

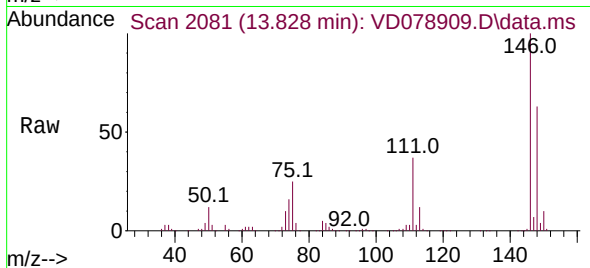
Lab File: VD078909.D

Acq: 13 May 2024 12:12

Instrument :

MSVOA_D

ClientSampleId :



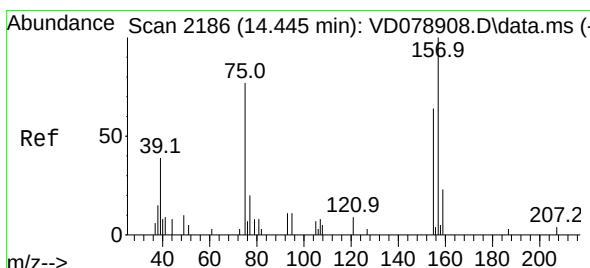
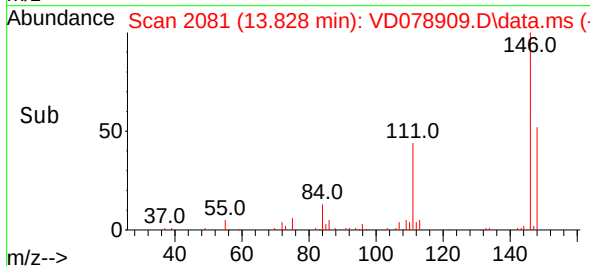
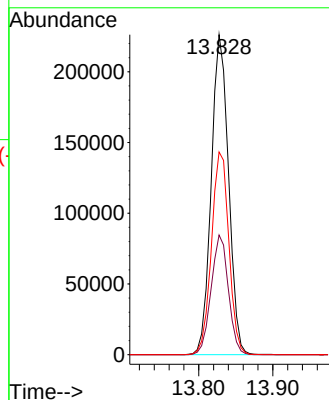
Tgt Ion:146 Resp: 365807

Ion Ratio Lower Upper

146 100

111 37.3 19.1 57.1

148 63.9 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 106.695 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD078909.D

Acq: 13 May 2024 12:12

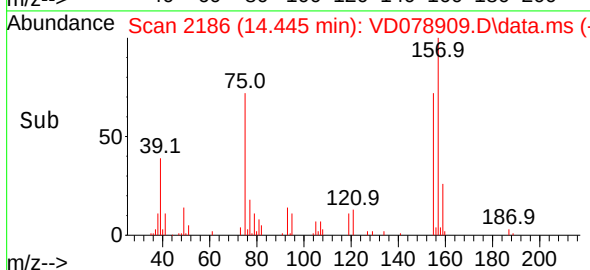
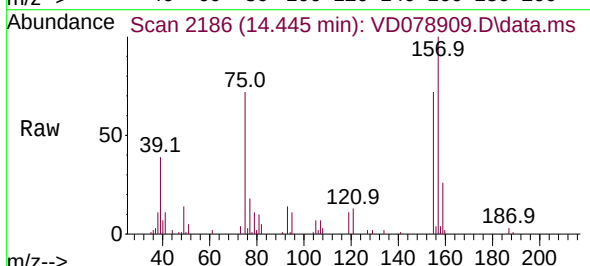
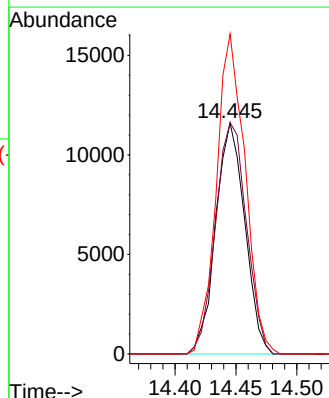
Tgt Ion: 75 Resp: 19321

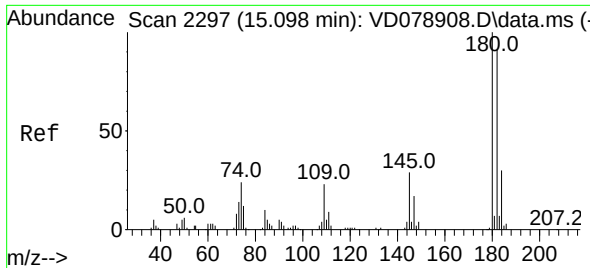
Ion Ratio Lower Upper

75 100

155 106.2 47.7 143.1

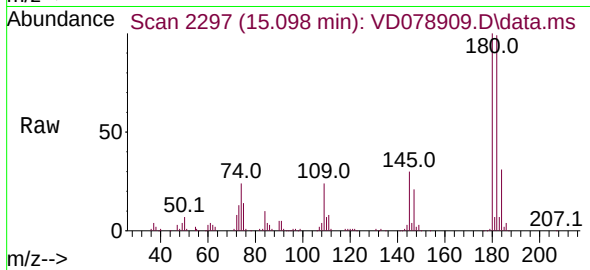
157 136.3 63.4 190.2



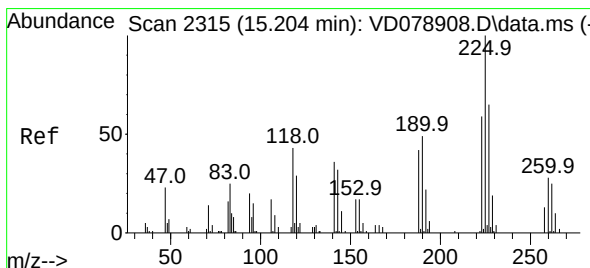
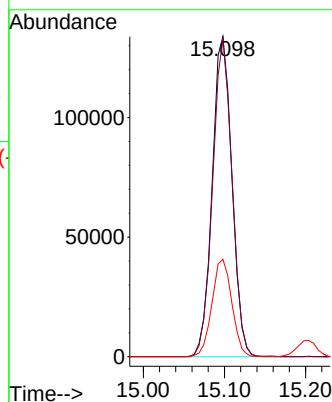
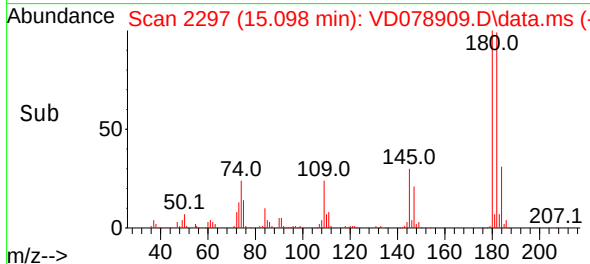


#93
1,2,4-Trichlorobenzene
Concen: 109.676 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

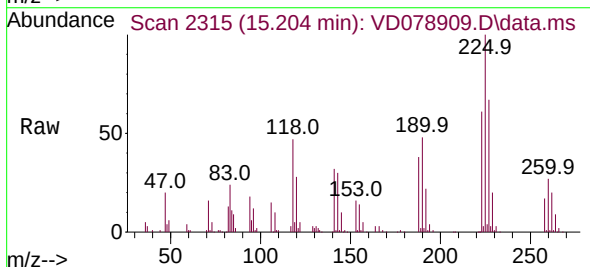
Instrument :
MSVOA_D
ClientSampleId :



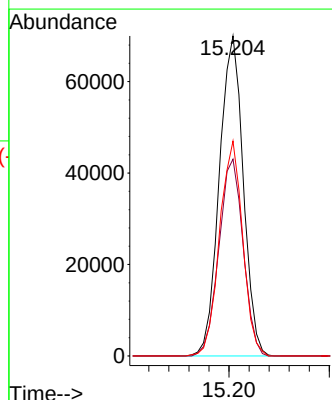
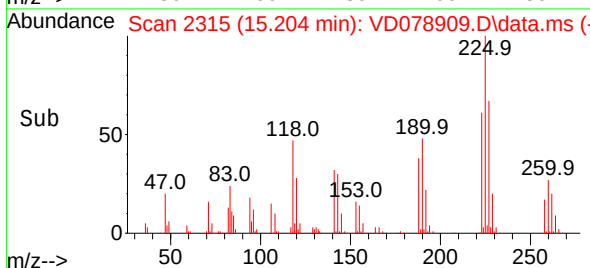
Tgt Ion:180 Resp: 226099
Ion Ratio Lower Upper
180 100
182 97.3 46.9 140.7
145 30.6 14.0 41.9

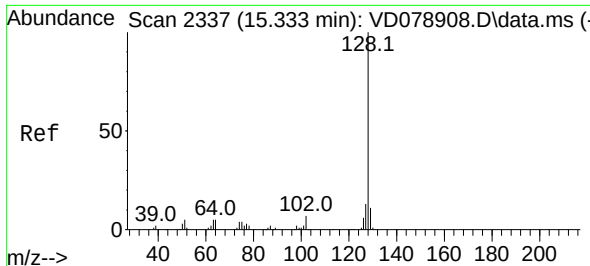


#94
Hexachlorobutadiene
Concen: 107.268 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12



Tgt Ion:225 Resp: 115565
Ion Ratio Lower Upper
225 100
223 62.3 33.3 99.9
227 64.9 33.6 100.6

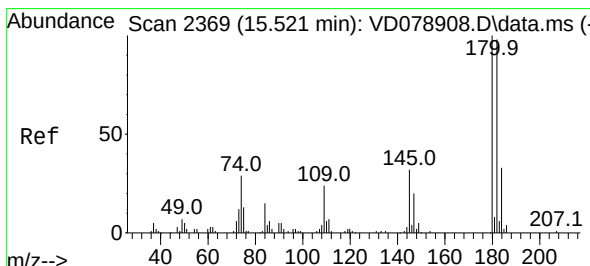
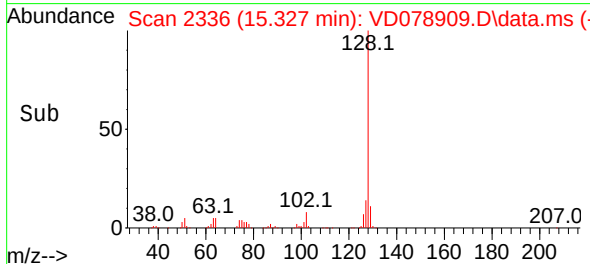
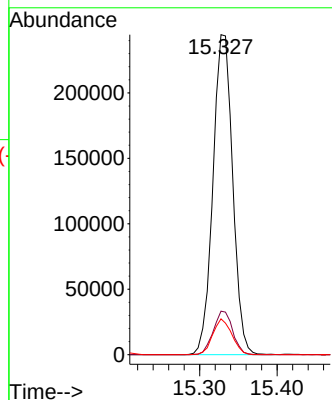
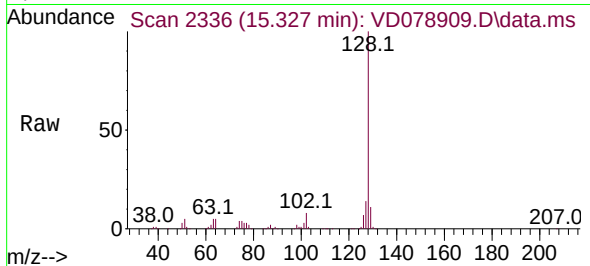




#95
Naphthalene
Concen: 123.186 ug/l
RT: 15.327 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 432574
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.4
129 11.2 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 111.448 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078909.D
Acq: 13 May 2024 12:12

Tgt Ion:180 Resp: 204378
Ion Ratio Lower Upper
180 100
182 95.1 47.8 143.3
145 30.9 16.1 48.2

