

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051324\
 Data File : VD078908.D
 Acq On : 13 May 2024 11:45
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 14 06:08:34 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	145709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	231297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	224393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	119769	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	62176	45.492	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.980%
35) Dibromofluoromethane	7.804	113	72772	47.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.520%
50) Toluene-d8	10.269	98	286448	49.627	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.574	95	79574	49.074	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.140%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	57923	42.543	ug/l	100
3) Chloromethane	2.151	50	85311	46.449	ug/l	100
4) Vinyl Chloride	2.287	62	130295	44.839	ug/l	100
5) Bromomethane	2.693	94	117845	42.221	ug/l	100
6) Chloroethane	2.834	64	111167	42.654	ug/l	100
7) Trichlorofluoromethane	3.175	101	128167	44.914	ug/l	100
8) Diethyl Ether	3.593	74	28655	44.390	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.975	101	65458	43.439	ug/l	100
10) Methyl Iodide	4.169	142	83376	46.312	ug/l	100
11) Tert butyl alcohol	5.057	59	13288	224.003	ug/l #	86
12) 1,1-Dichloroethene	3.946	96	62973	42.692	ug/l	100
13) Acrolein	3.793	56	34793	255.725	ug/l	100
14) Allyl chloride	4.557	41	64258	44.645	ug/l	100
15) Acrylonitrile	5.251	53	57553	217.848	ug/l	100
16) Acetone	4.028	43	55178	253.200	ug/l	100
17) Carbon Disulfide	4.269	76	194469	45.125	ug/l	100
18) Methyl Acetate	4.563	43	21460	42.769	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	132854	46.225	ug/l	100
20) Methylene Chloride	4.804	84	81234	46.440	ug/l	100
21) trans-1,2-Dichloroethene	5.322	96	72086	43.846	ug/l	100
22) Diisopropyl ether	6.222	45	154437	47.440	ug/l	100
23) Vinyl Acetate	6.157	43	457875	234.500	ug/l	100
24) 1,1-Dichloroethane	6.116	63	113358	43.926	ug/l	100
25) 2-Butanone	7.087	43	69297	237.755	ug/l	100
26) 2,2-Dichloropropane	7.081	77	97362	42.931	ug/l	100
27) cis-1,2-Dichloroethene	7.087	96	85996	44.545	ug/l	100
28) Bromochloromethane	7.428	49	40291	46.815	ug/l	100
29) Tetrahydrofuran	7.445	42	38038	225.634	ug/l	100
30) Chloroform	7.592	83	126873	43.406	ug/l	100
31) Cyclohexane	7.881	56	84698	42.417	ug/l	100
32) 1,1,1-Trichloroethane	7.792	97	108715	43.431	ug/l	100
36) 1,1-Dichloropropene	8.010	75	86615	45.207	ug/l	100
37) Ethyl Acetate	7.175	43	28999	44.412	ug/l	100
38) Carbon Tetrachloride	7.992	117	100464	44.806	ug/l	100
39) Methylcyclohexane	9.275	83	106833	45.891	ug/l	100
40) Benzene	8.257	78	281188	45.375	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	14739	41.950	ug/l	100
42) 1,2-Dichloroethane	8.328	62	66483	44.323	ug/l	100
43) Isopropyl Acetate	8.363	43	55261	47.697	ug/l	100
44) Trichloroethene	9.028	130	71958	43.778	ug/l	100
45) 1,2-Dichloropropane	9.304	63	61737	45.335	ug/l	100
46) Dibromomethane	9.392	93	39141	43.661	ug/l	100
47) Bromodichloromethane	9.586	83	97262	45.071	ug/l	100
48) Methyl methacrylate	9.381	41	24945	44.228	ug/l	100
49) 1,4-Dioxane	9.392	88	8072	1023.619	ug/l	100
51) 4-Methyl-2-Pentanone	10.157	43	146651	237.644	ug/l	100
52) Toluene	10.333	92	181703	45.806	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	84496	46.079	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	103259	46.915	ug/l	100
55) 1,1,2-Trichloroethane	10.733	97	52081	44.967	ug/l	100
56) Ethyl methacrylate	10.598	69	58985	49.500	ug/l	100
57) 1,3-Dichloropropane	10.880	76	82966	46.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	132362	258.519	ug/l	100
59) 2-Hexanone	10.922	43	111632	259.892	ug/l	100
60) Dibromochloromethane	11.075	129	72980	46.223	ug/l	100
61) 1,2-Dibromoethane	11.180	107	49679	47.043	ug/l	100
64) Tetrachloroethene	10.810	164	61507	43.204	ug/l	100
65) Chlorobenzene	11.604	112	206018	44.139	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.680	131	70012	43.389	ug/l	100
67) Ethyl Benzene	11.680	91	339716	45.250	ug/l	100
68) m/p-Xylenes	11.792	106	283554	92.900	ug/l	100
69) o-Xylene	12.122	106	132321	47.553	ug/l	100
70) Styrene	12.133	104	233222	47.291	ug/l	100
71) Bromoform	12.298	173	40230	43.524	ug/l #	100
73) Isopropylbenzene	12.422	105	324606	45.409	ug/l	100
74) N-amyl acetate	12.233	43	53192	45.859	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.669	83	56153	43.549	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	70860	83.425	ug/l #	100
77) Bromobenzene	12.698	156	81904	43.571	ug/l	100
78) n-propylbenzene	12.763	91	394369	45.644	ug/l	100
79) 2-Chlorotoluene	12.851	91	214242	44.613	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	272859	45.943	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	19114	44.953	ug/l	100
82) 4-Chlorotoluene	12.945	91	229111	45.476	ug/l	100
83) tert-Butylbenzene	13.163	119	243871	46.430	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	278421	45.258	ug/l	100
85) sec-Butylbenzene	13.345	105	356566	45.509	ug/l	100
86) p-Isopropyltoluene	13.457	119	307559	45.055	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	172982	43.486	ug/l	100
88) 1,4-Dichlorobenzene	13.533	146	170314	43.719	ug/l	100
89) n-Butylbenzene	13.786	91	273496	44.712	ug/l	100
90) Hexachloroethane	14.051	117	61848	42.953	ug/l	100
91) 1,2-Dichlorobenzene	13.827	146	148759	44.695	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8011	46.667	ug/l	100
93) 1,2,4-Trichlorobenzene	15.098	180	86477	44.251	ug/l	100
94) Hexachlorobutadiene	15.204	225	42614	41.726	ug/l	100
95) Naphthalene	15.333	128	152867	45.922	ug/l	100
96) 1,2,3-Trichlorobenzene	15.521	180	74097	42.624	ug/l	100

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

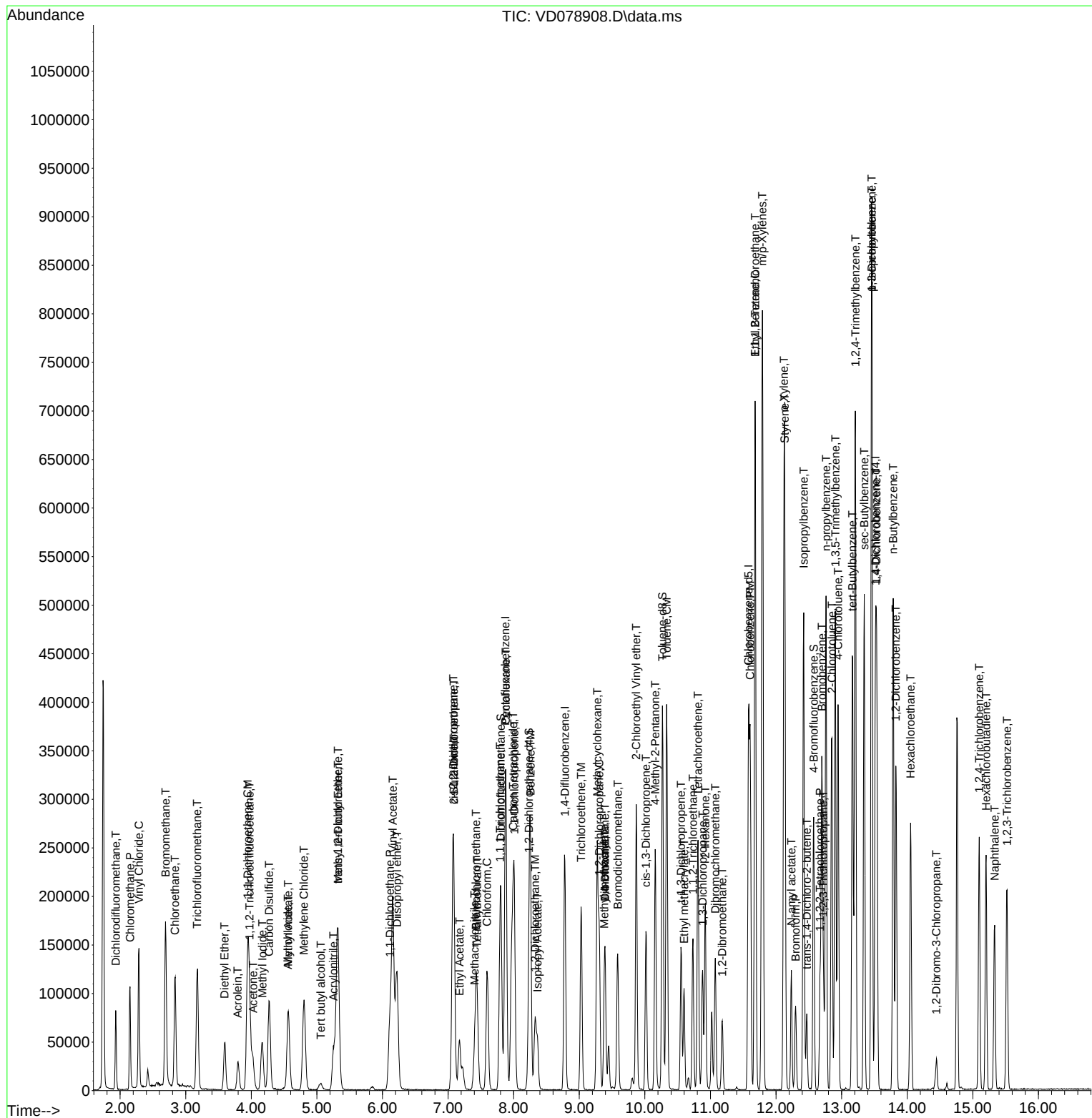
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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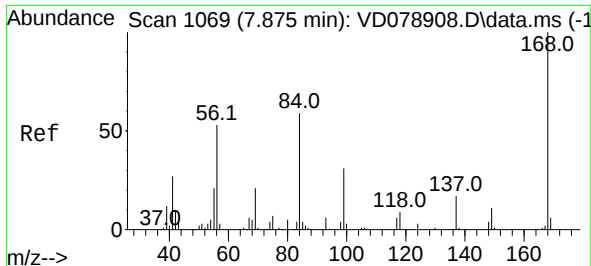
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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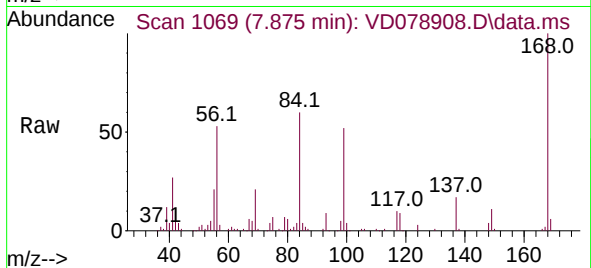
Quant Time: May 14 06:08:34 2024
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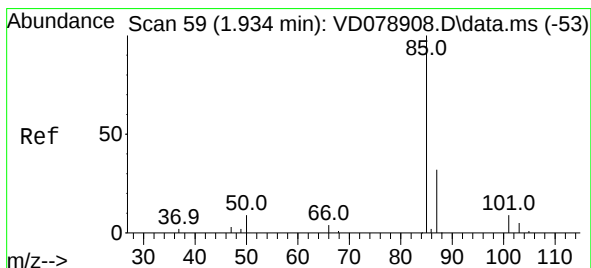
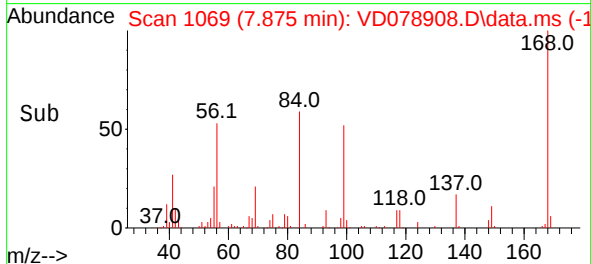
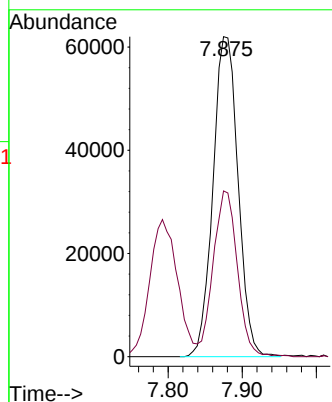


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
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ClientSampleId :

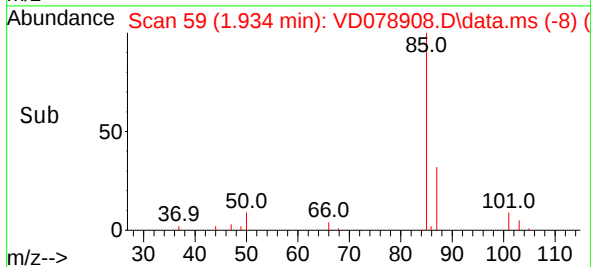
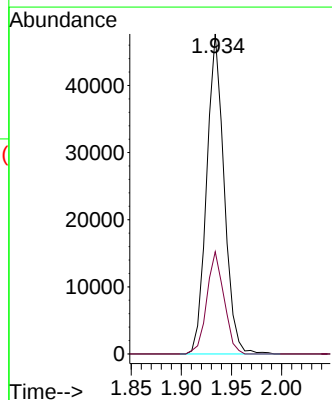
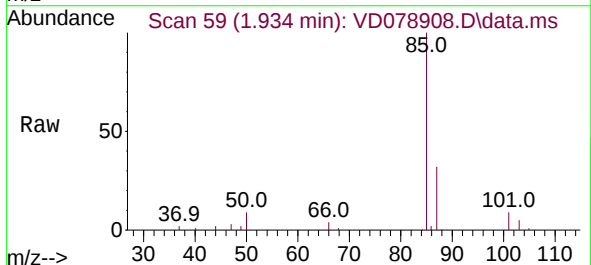


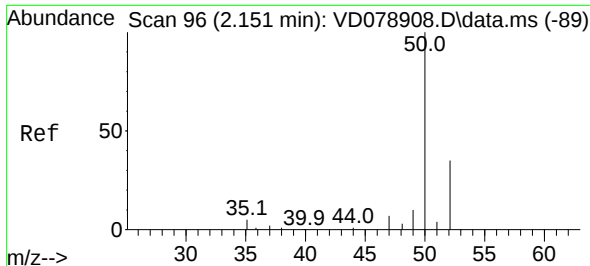
Tgt Ion:168 Resp: 145709
Ion Ratio Lower Upper
168 100
99 51.4 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 42.543 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion: 85 Resp: 57923
Ion Ratio Lower Upper
85 100
87 32.0 16.0 48.0

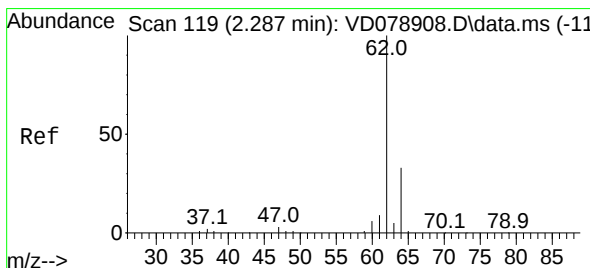
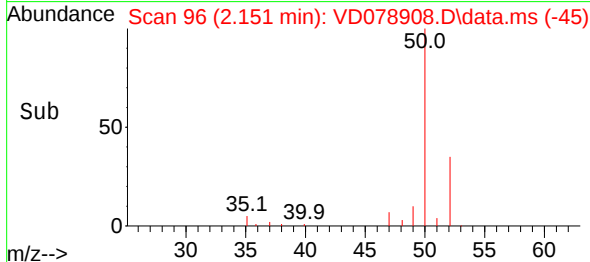
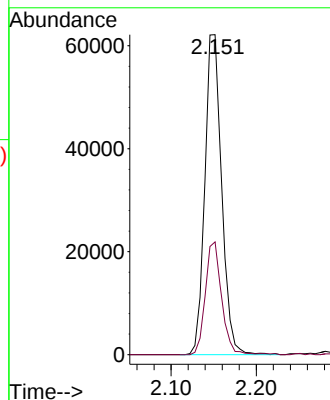
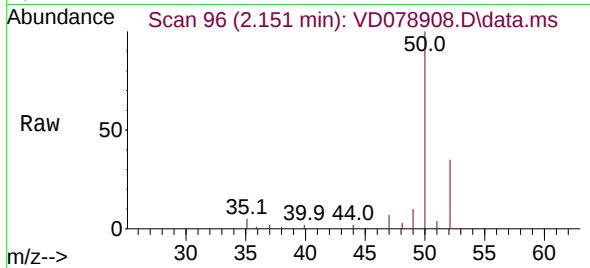




#3
Chloromethane
Concen: 46.449 ug/l
RT: 2.151 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

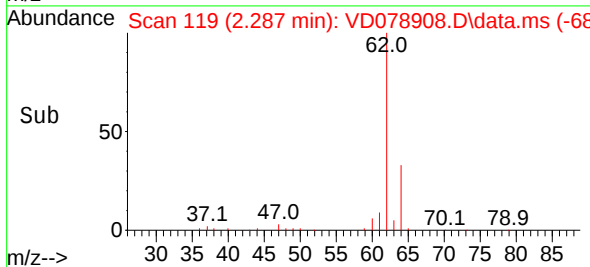
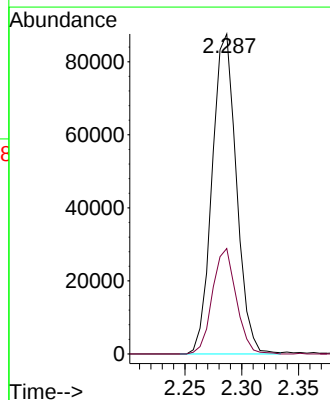
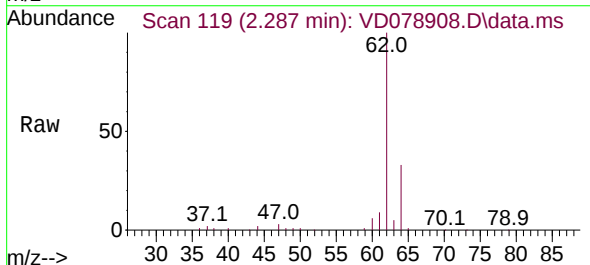
Instrument :
MSVOA_D
ClientSampleId :

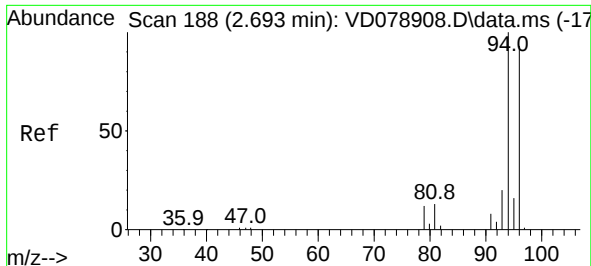
Tgt Ion: 50 Resp: 85311
Ion Ratio Lower Upper
50 100
52 35.2 28.2 42.2



#4
Vinyl Chloride
Concen: 44.839 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion: 62 Resp: 130295
Ion Ratio Lower Upper
62 100
64 32.9 26.3 39.5

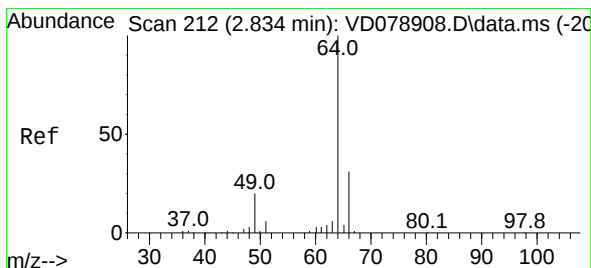
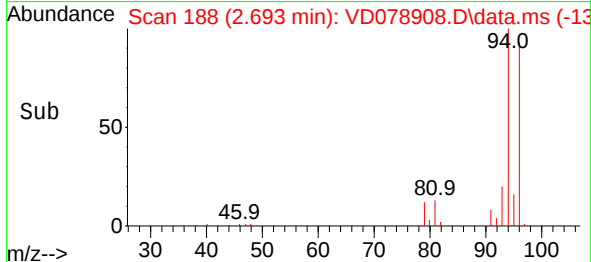
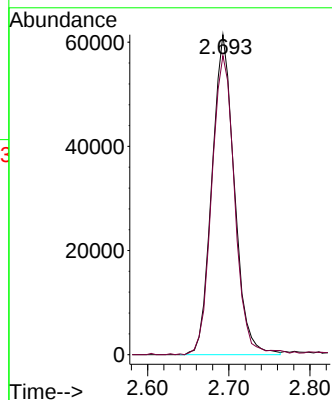
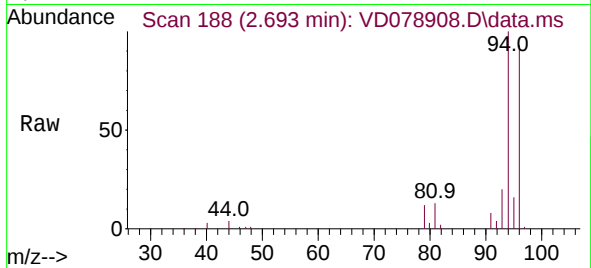




#5
Bromomethane
Concen: 42.221 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

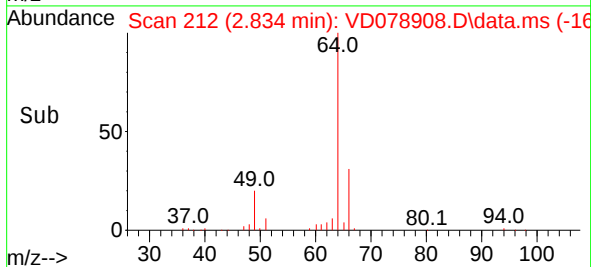
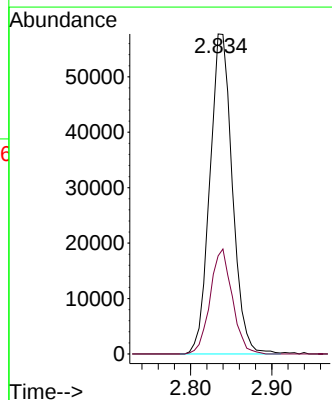
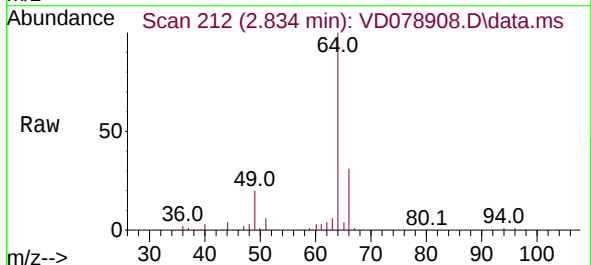
Instrument :
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ClientSampleId :

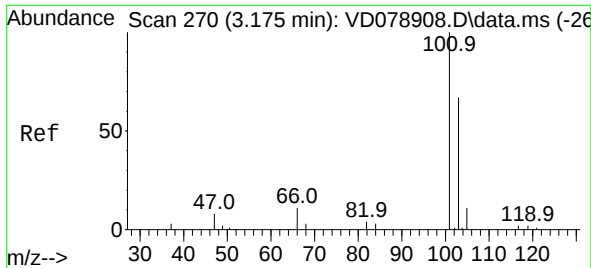
Tgt Ion: 94 Resp: 117845
Ion Ratio Lower Upper
94 100
96 96.1 76.9 115.3



#6
Chloroethane
Concen: 42.654 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion: 64 Resp: 111167
Ion Ratio Lower Upper
64 100
66 30.6 24.5 36.7

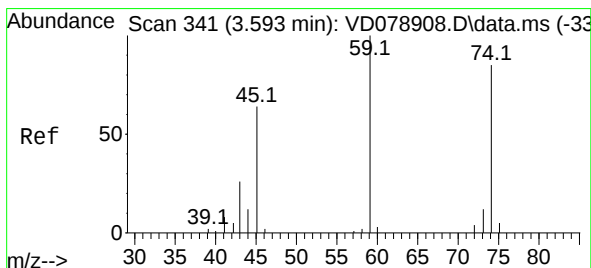
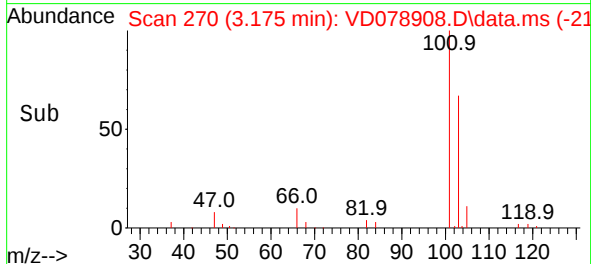
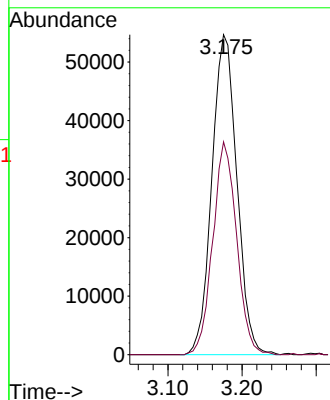
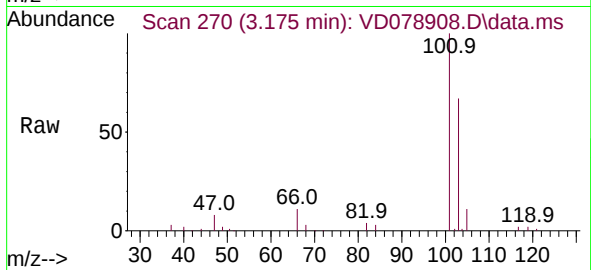




#7
Trichlorofluoromethane
Concen: 44.914 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

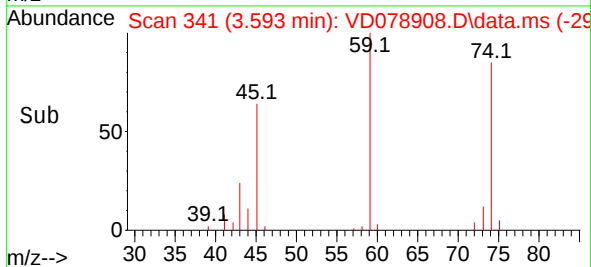
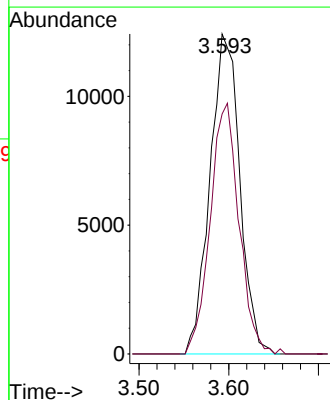
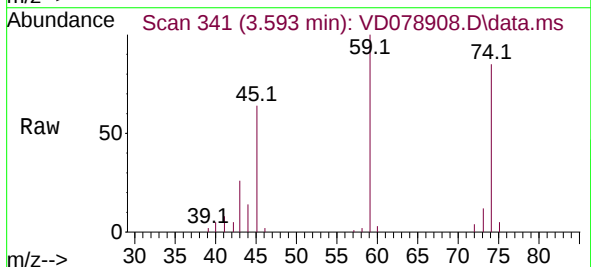
Instrument :
MSVOA_D
ClientSampleId :

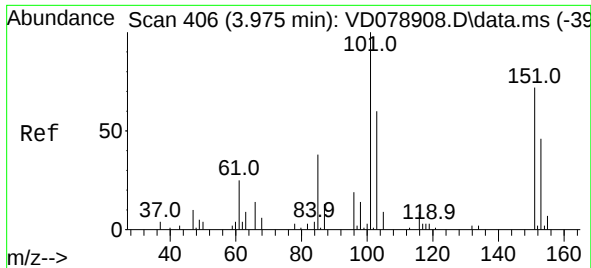
Tgt Ion:101 Resp: 128167
Ion Ratio Lower Upper
101 100
103 66.5 53.2 79.8



#8
Diethyl Ether
Concen: 44.390 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion: 74 Resp: 28655
Ion Ratio Lower Upper
74 100
45 75.7 37.9 113.6

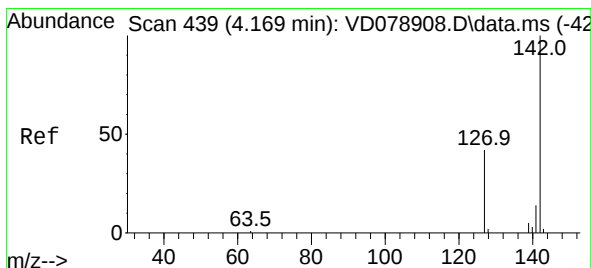
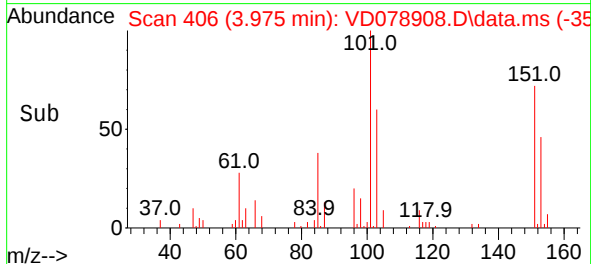
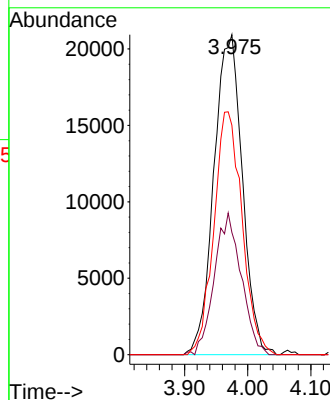
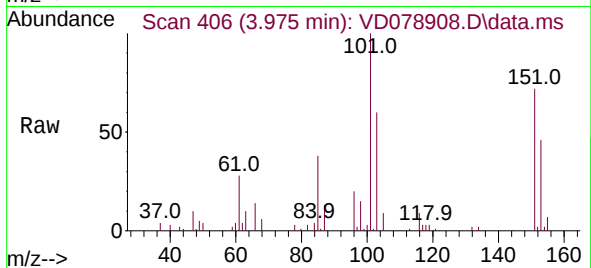




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.439 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

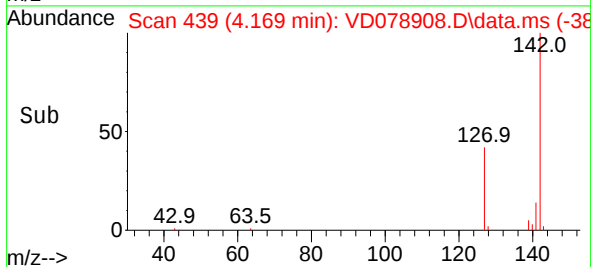
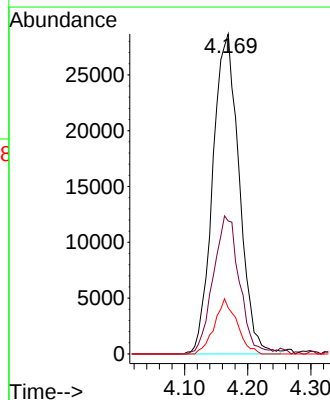
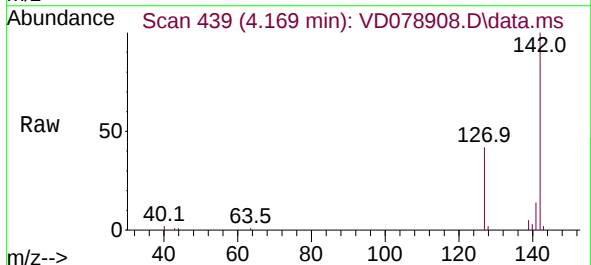
Instrument :
MSVOA_D
ClientSampleId :

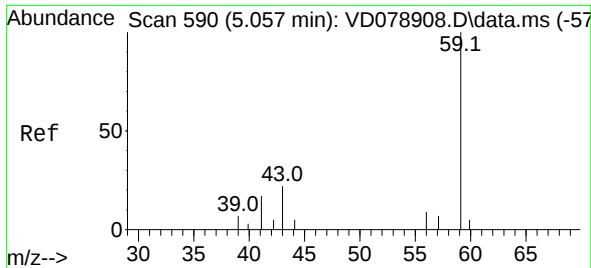
Tgt Ion:101 Resp: 65458
Ion Ratio Lower Upper
101 100
85 41.9 33.5 50.3
151 75.4 60.3 90.5



#10
Methyl Iodide
Concen: 46.312 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

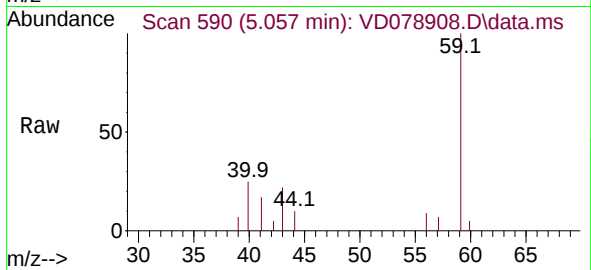
Tgt Ion:142 Resp: 83376
Ion Ratio Lower Upper
142 100
127 42.8 34.2 51.4
141 14.6 11.7 17.5



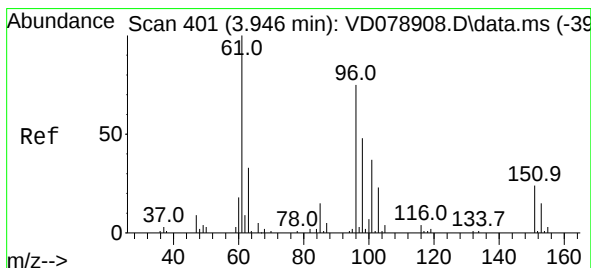
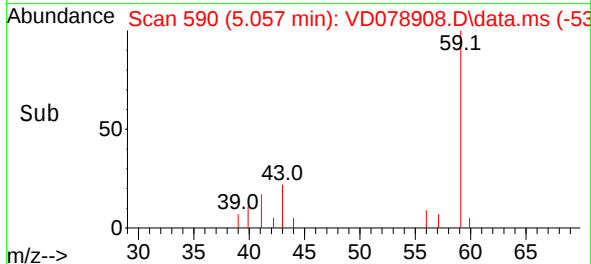
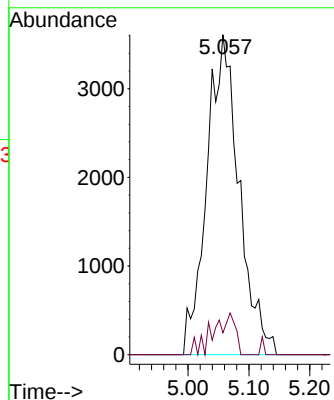


#11
Tert butyl alcohol
Concen: 224.003 ug/l
RT: 5.057 min Scan# 590
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Instrument :
MSVOA_D
ClientSampleId :

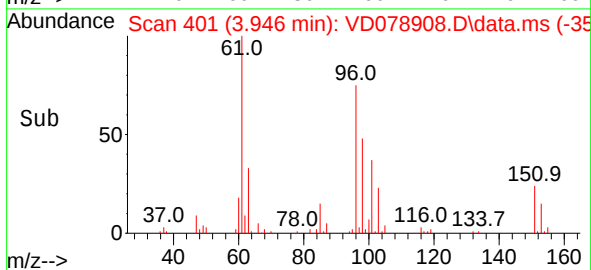
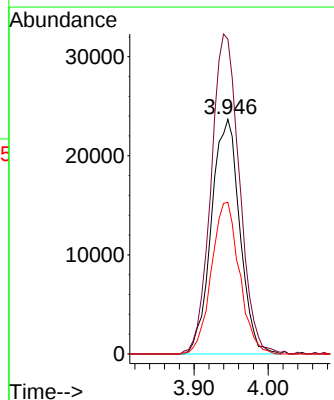
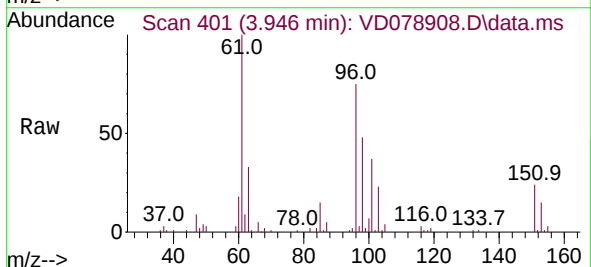


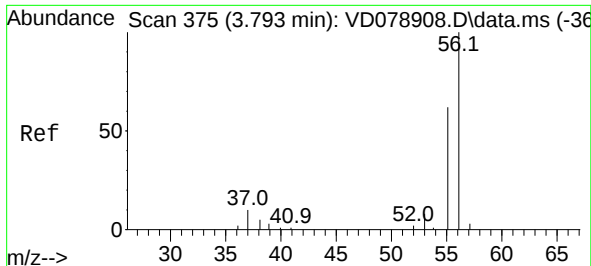
Tgt Ion: 59 Resp: 13288
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 42.692 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion: 96 Resp: 62973
Ion Ratio Lower Upper
96 100
61 134.1 107.3 160.9
98 64.6 51.7 77.5





#13

Acrolein

Concen: 255.725 ug/l

RT: 3.793 min Scan# 375

Delta R.T. 0.000 min

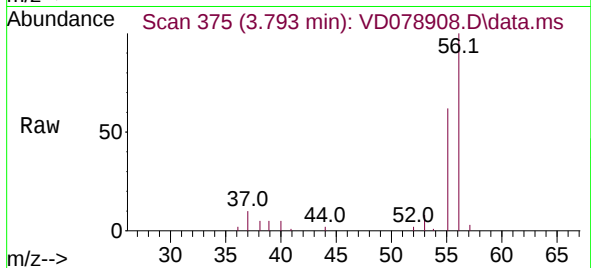
Lab File: VD078908.D

Acq: 13 May 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

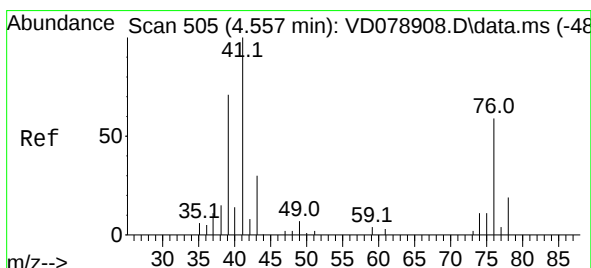
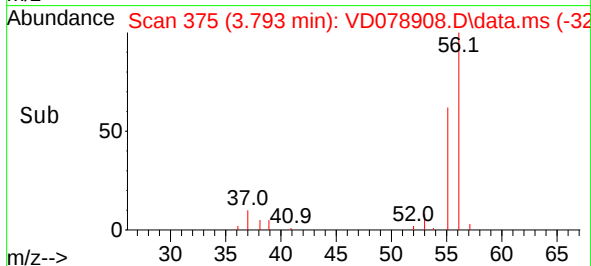
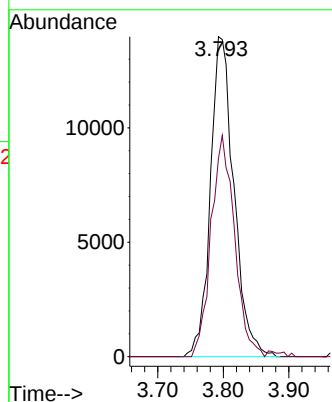


Tgt Ion: 56 Resp: 34793

Ion Ratio Lower Upper

56 100

55 69.1 55.3 82.9



#14

Allyl chloride

Concen: 44.645 ug/l

RT: 4.557 min Scan# 505

Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

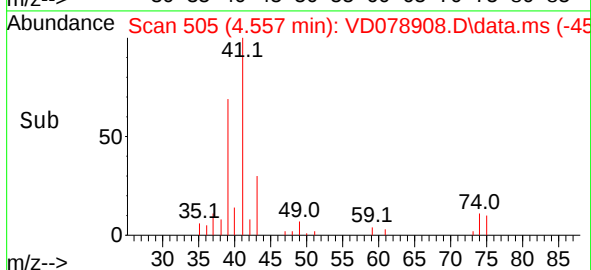
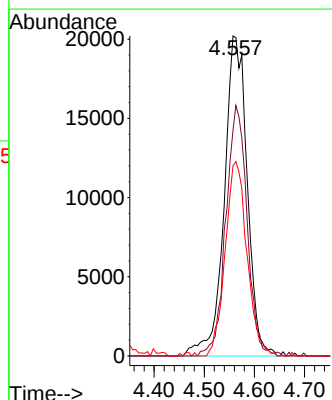
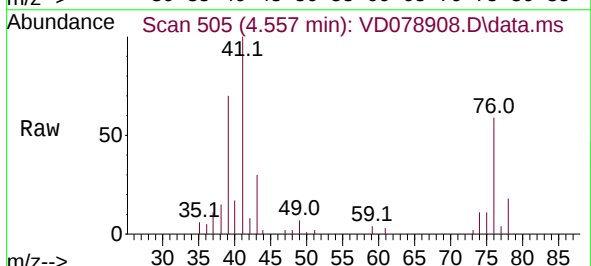
Tgt Ion: 41 Resp: 64258

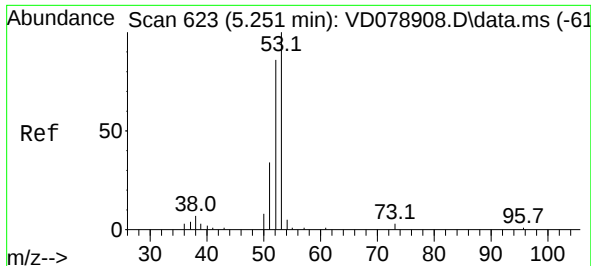
Ion Ratio Lower Upper

41 100

39 72.5 58.0 87.0

76 57.4 45.9 68.9

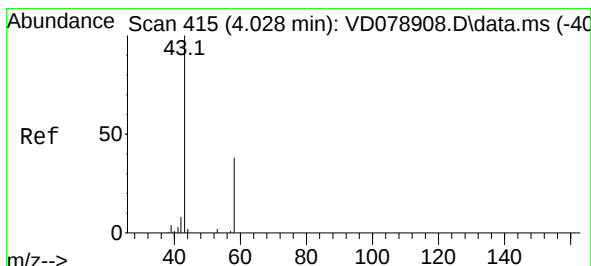
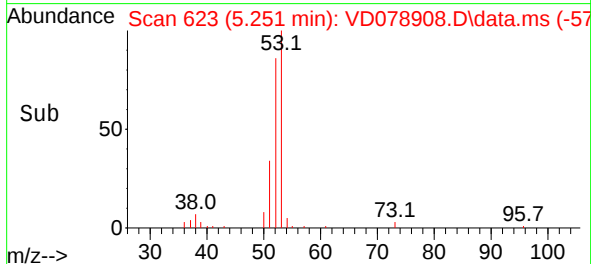
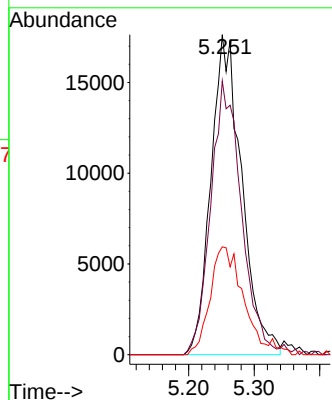
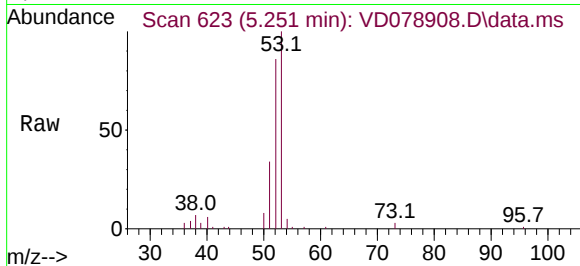




#15
Acrylonitrile
Concen: 217.848 ug/l
RT: 5.251 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

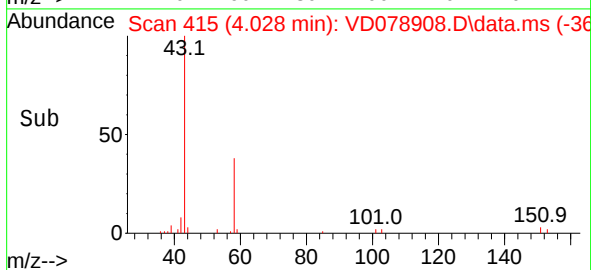
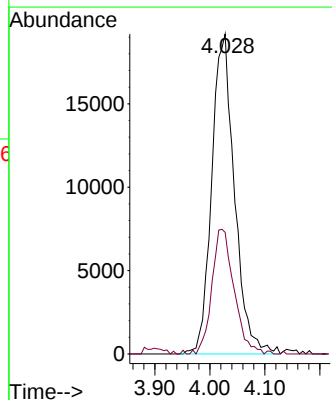
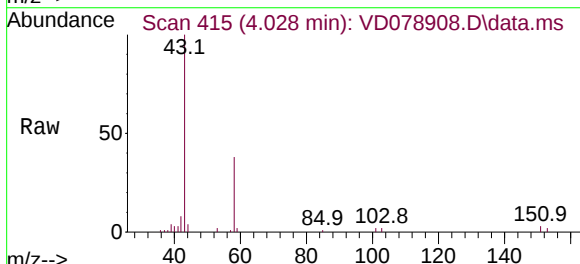
Instrument :
MSVOA_D
ClientSampleId :

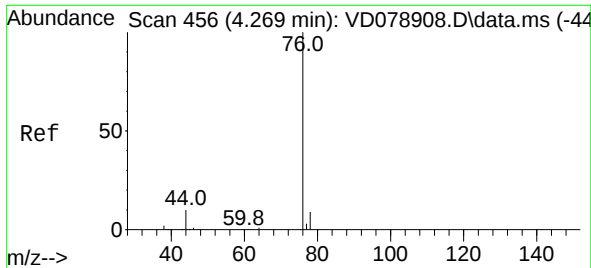
Tgt Ion: 53 Resp: 57553
Ion Ratio Lower Upper
53 100
52 84.6 67.7 101.5
51 35.7 28.6 42.8



#16
Acetone
Concen: 253.200 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion: 43 Resp: 55178
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6

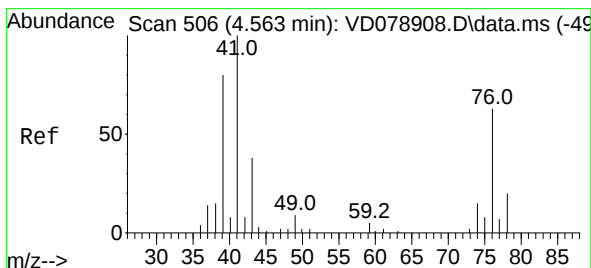
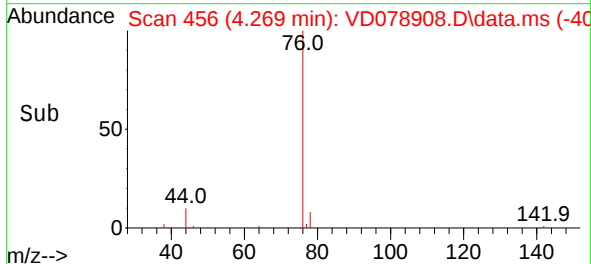
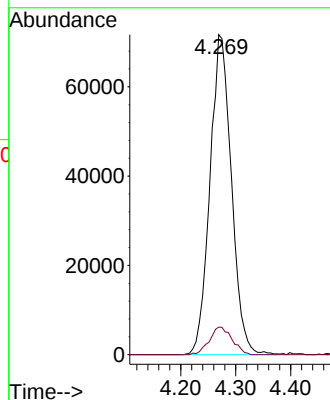
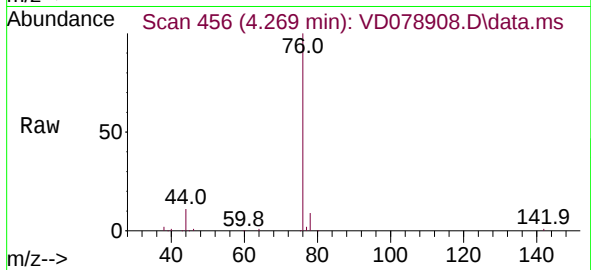




#17
Carbon Disulfide
Concen: 45.125 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

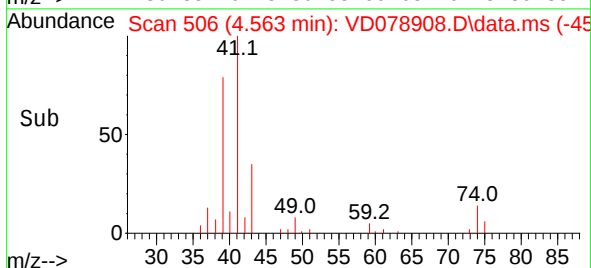
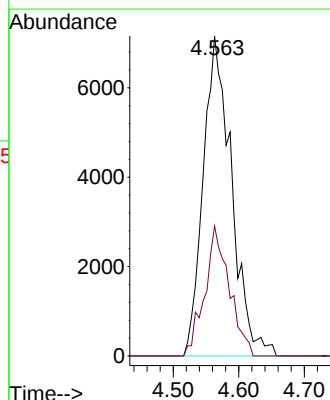
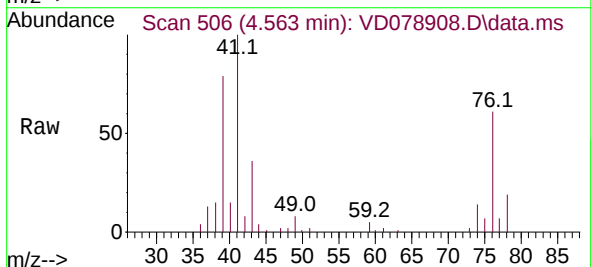
Instrument :
MSVOA_D
ClientSampleId :

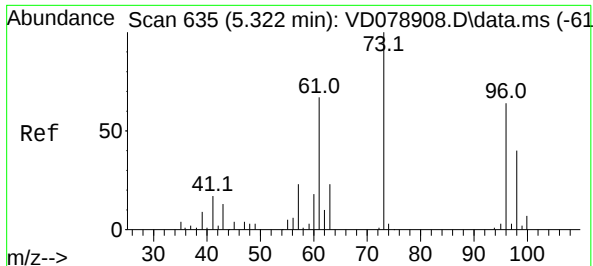
Tgt Ion: 76 Resp: 194469
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3



#18
Methyl Acetate
Concen: 42.769 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion: 43 Resp: 21460
Ion Ratio Lower Upper
43 100
74 35.1 28.1 42.1

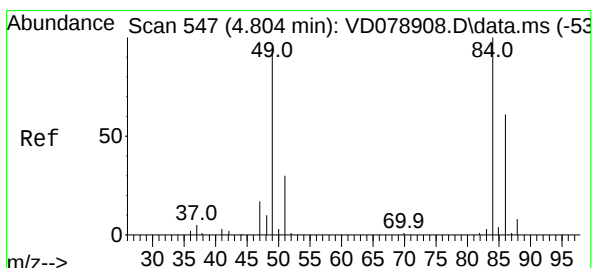
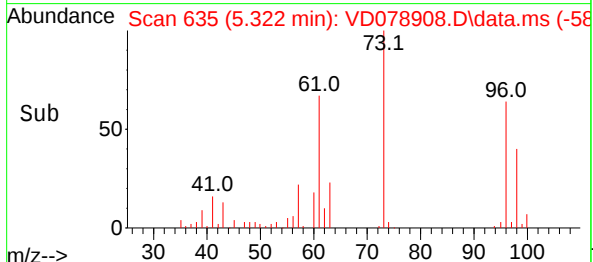
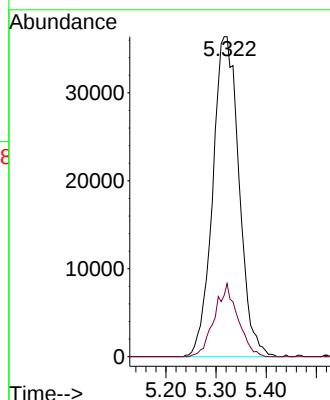
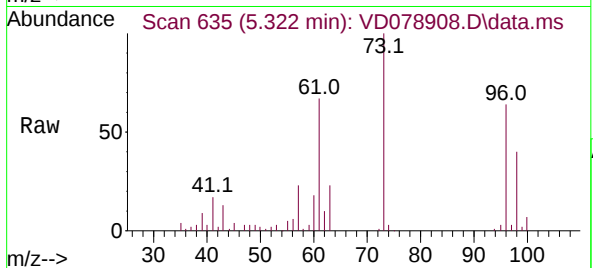




#19
Methyl tert-butyl Ether
Concen: 46.225 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

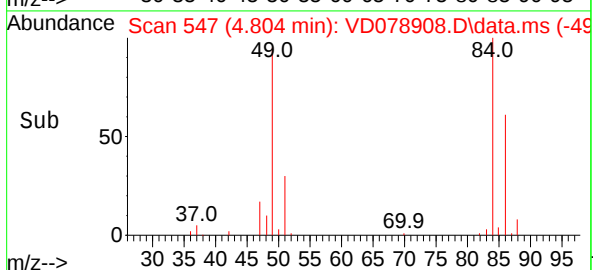
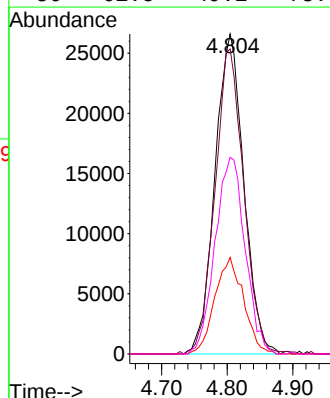
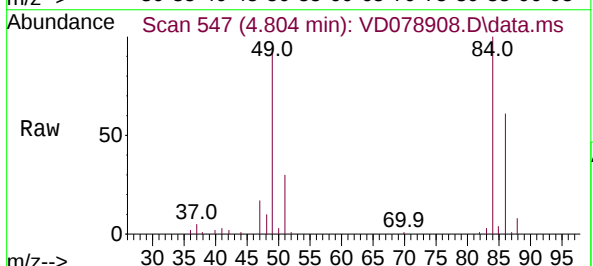
Instrument :
MSVOA_D
ClientSampleId :

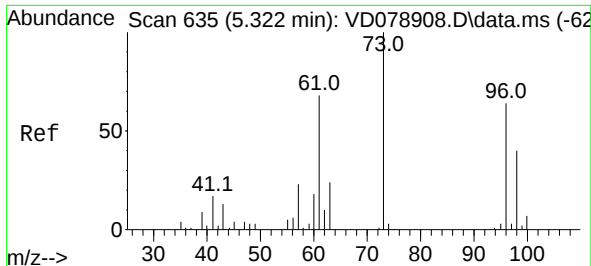
Tgt Ion: 73 Resp: 132854
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5



#20
Methylene Chloride
Concen: 46.440 ug/l
RT: 4.804 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

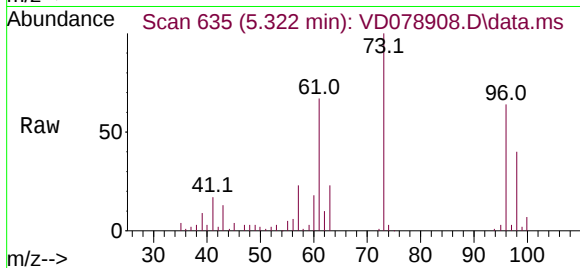
Tgt Ion: 84 Resp: 81234
Ion Ratio Lower Upper
84 100
49 94.5 75.6 113.4
51 30.2 24.2 36.2
86 61.5 49.2 73.8





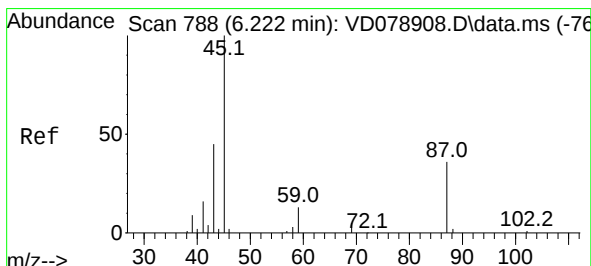
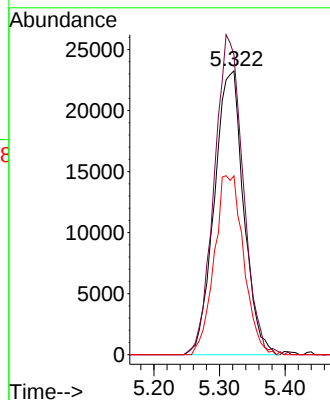
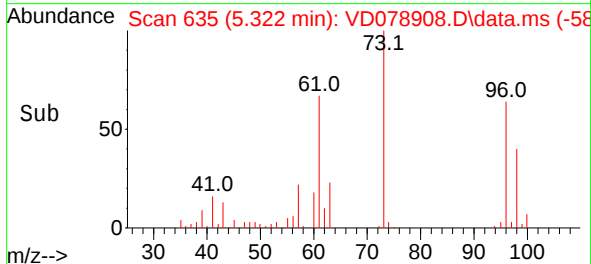
#21
trans-1,2-Dichloroethene
Concen: 43.846 ug/l
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Instrument :
MSVOA_D
ClientSampleId :

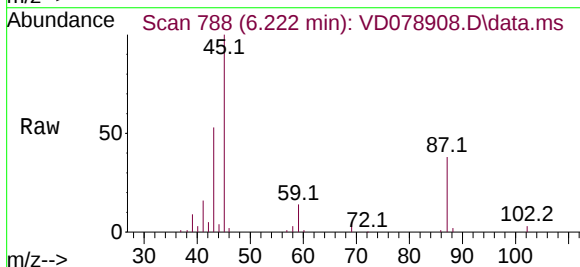


Tgt Ion: 96 Resp: 72086

Ion	Ratio	Lower	Upper
96	100		
61	105.6	84.5	126.7
98	63.1	50.5	75.7

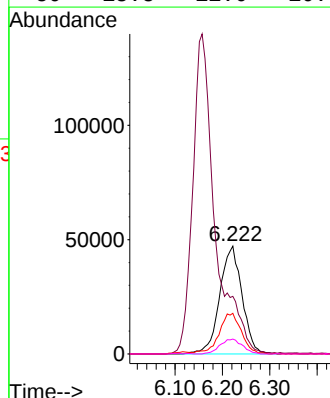
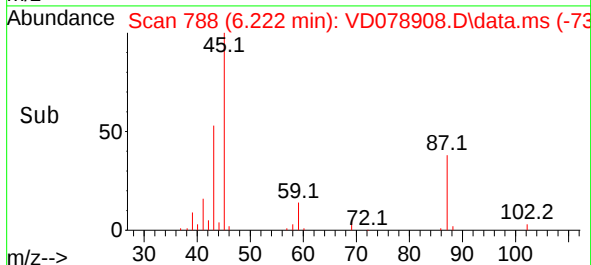


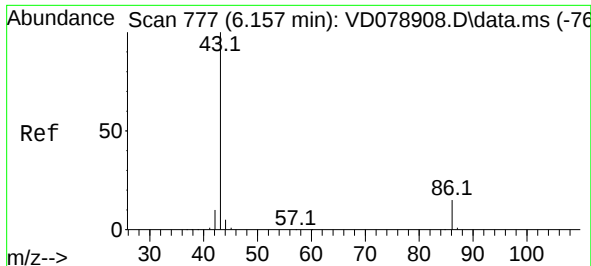
#22
Diisopropyl ether
Concen: 47.440 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45



Tgt Ion: 45 Resp: 154437

Ion	Ratio	Lower	Upper
45	100		
43	52.1	41.7	62.5
87	37.7	30.2	45.2
59	13.8	11.0	16.6

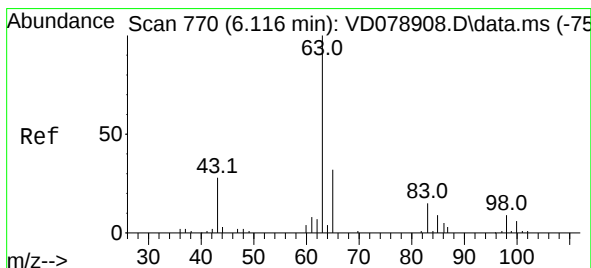
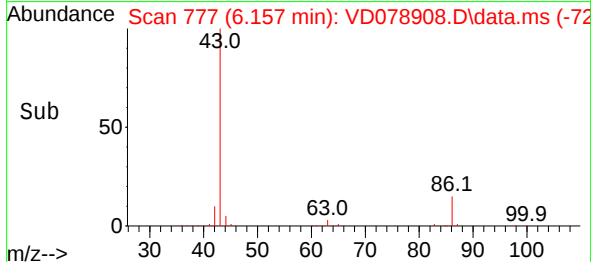
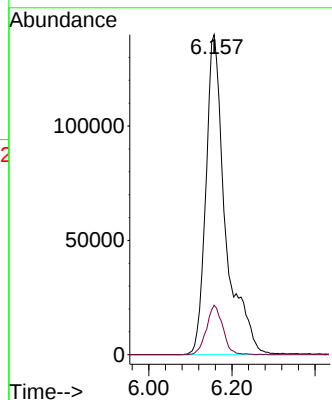
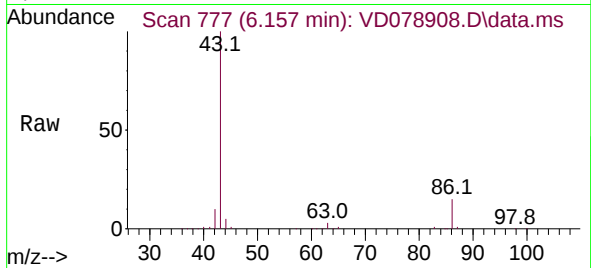




#23
 Vinyl Acetate
 Concen: 234.500 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078908.D
 Acq: 13 May 2024 11:45

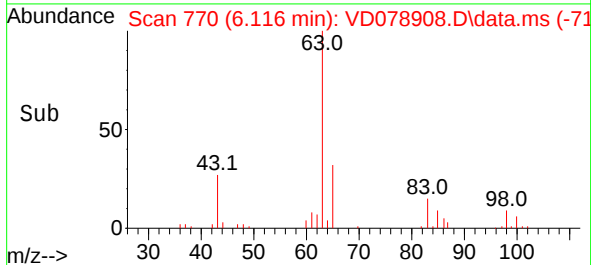
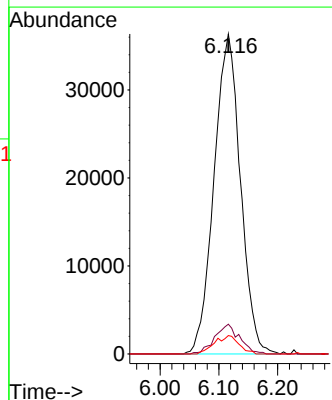
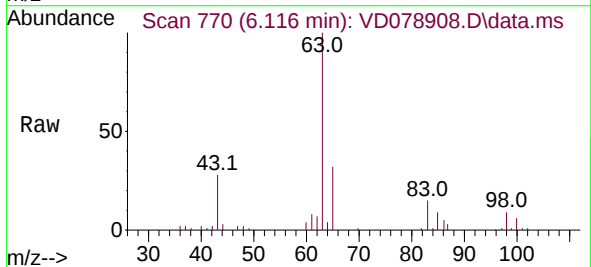
Instrument :
 MSVOA_D
 ClientSampleId :

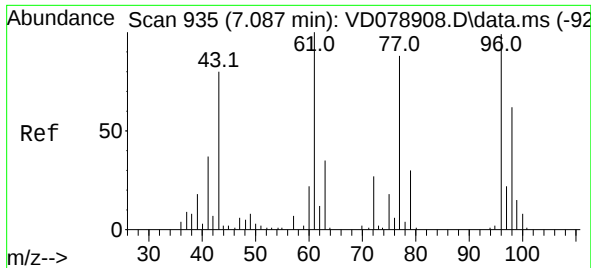
Tgt Ion: 43 Resp: 457875
 Ion Ratio Lower Upper
 43 100
 86 15.4 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 43.926 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078908.D
 Acq: 13 May 2024 11:45

Tgt Ion: 63 Resp: 113358
 Ion Ratio Lower Upper
 63 100
 98 9.3 4.7 14.0
 100 5.7 2.9 8.6

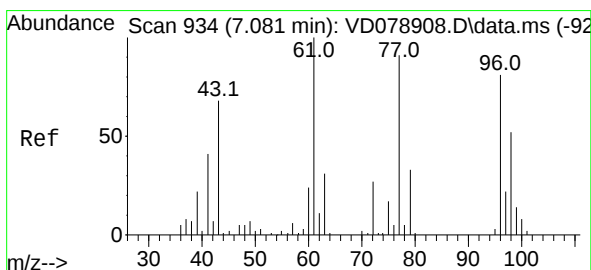
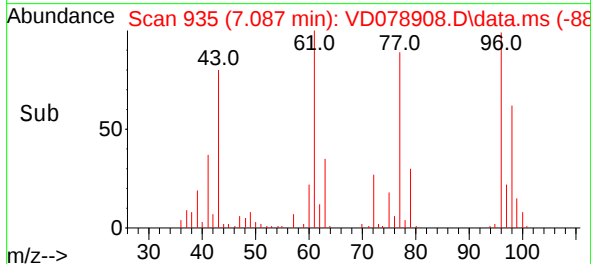
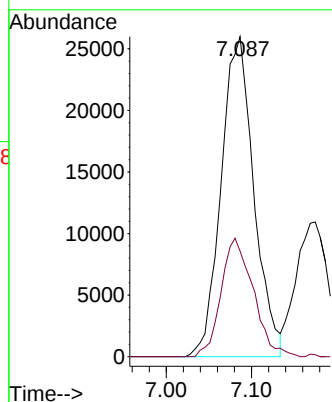
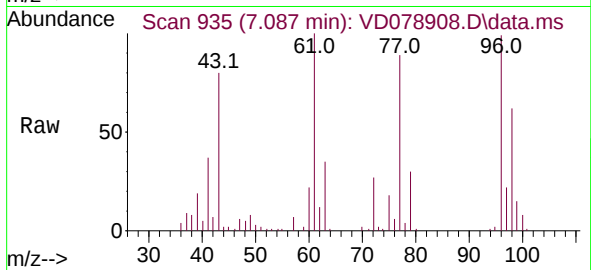




#25
2-Butanone
Concen: 237.755 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

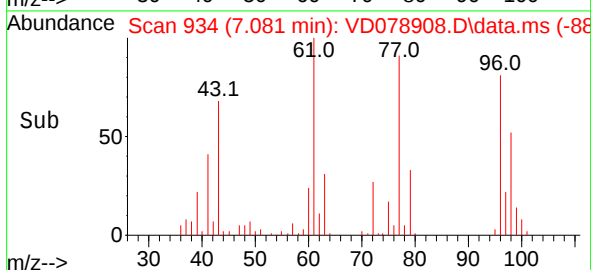
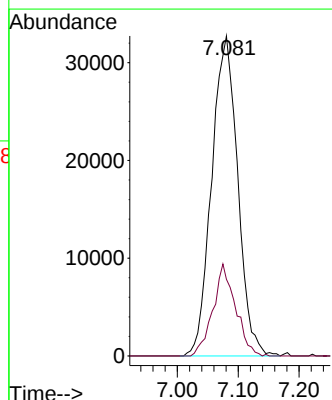
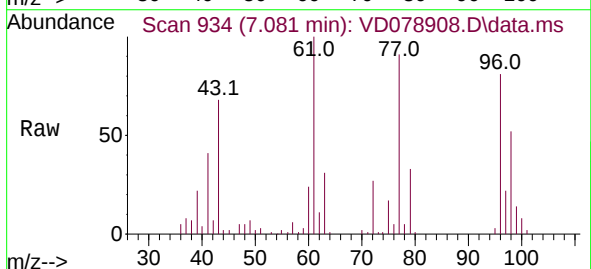
Instrument :
MSVOA_D
ClientSampleId :

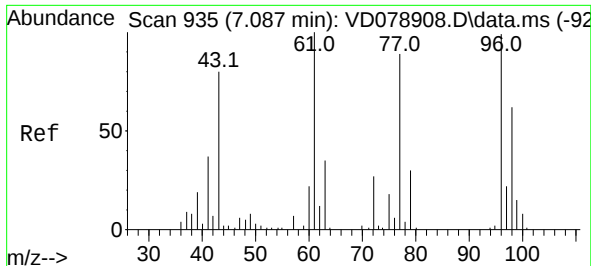
Tgt Ion: 43 Resp: 69297
Ion Ratio Lower Upper
43 100
72 33.0 26.4 39.6



#26
2,2-Dichloropropane
Concen: 42.931 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion: 77 Resp: 97362
Ion Ratio Lower Upper
77 100
97 24.8 12.4 37.2

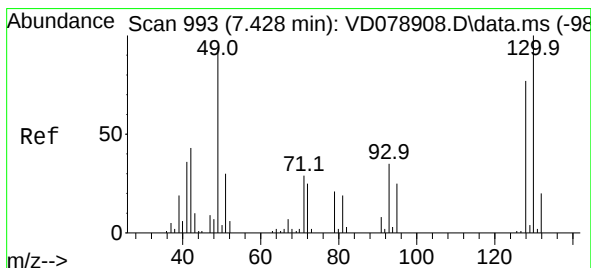
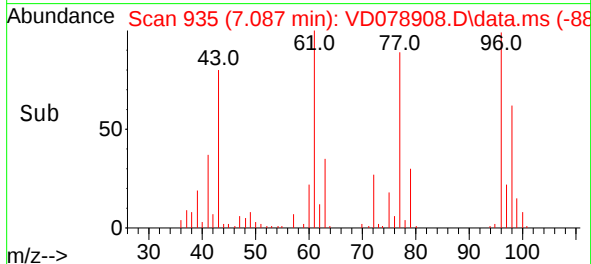
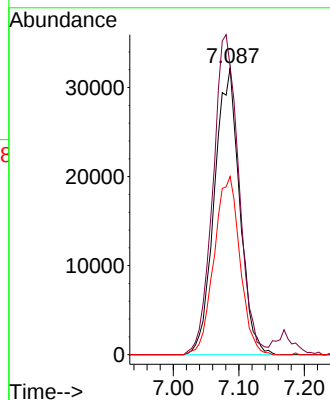
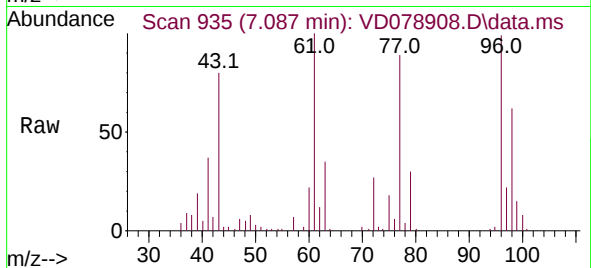




#27
 cis-1,2-Dichloroethene
 Concen: 44.545 ug/l
 RT: 7.087 min Scan# 935
 Delta R.T. 0.000 min
 Lab File: VD078908.D
 Acq: 13 May 2024 11:45

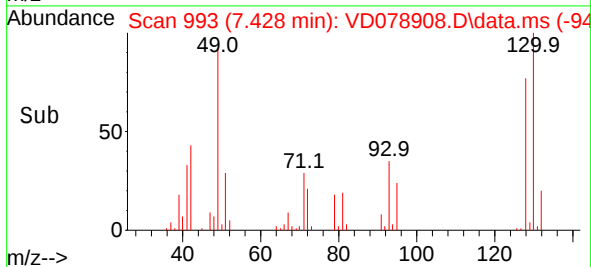
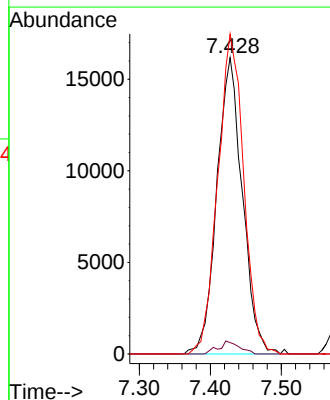
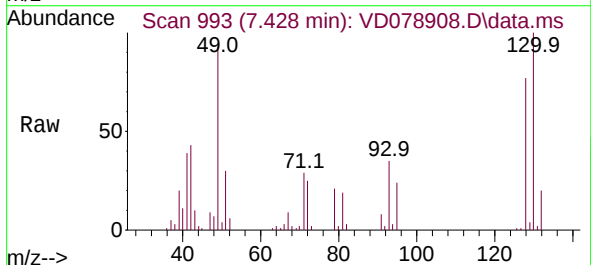
Instrument :
 MSVOA_D
 ClientSampleId :

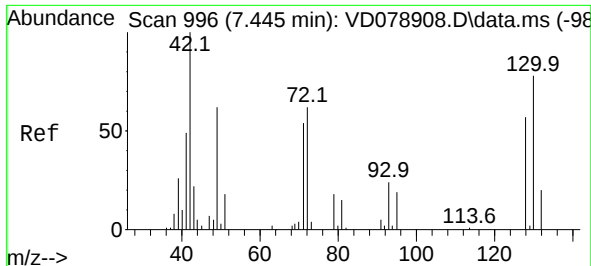
Tgt Ion: 96 Resp: 85996
 Ion Ratio Lower Upper
 96 100
 61 114.5 0.0 229.0
 98 63.6 0.0 127.2



#28
 Bromochloromethane
 Concen: 46.815 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078908.D
 Acq: 13 May 2024 11:45

Tgt Ion: 49 Resp: 40291
 Ion Ratio Lower Upper
 49 100
 129 3.5 0.0 7.0
 130 109.6 87.7 131.5





#29

Tetrahydrofuran

Concen: 225.634 ug/l

RT: 7.445 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

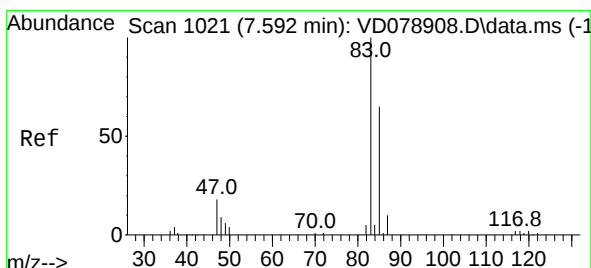
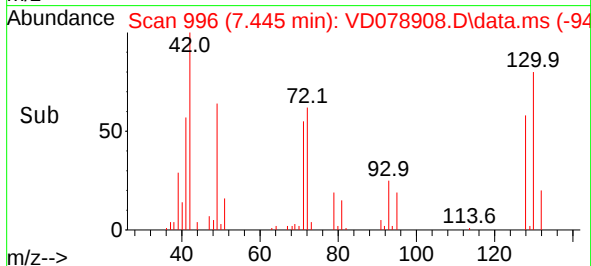
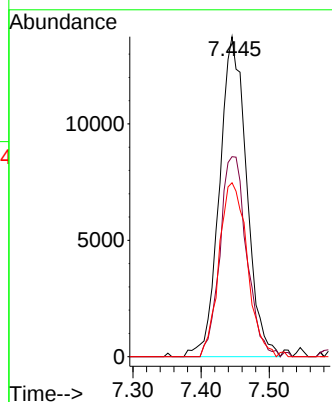
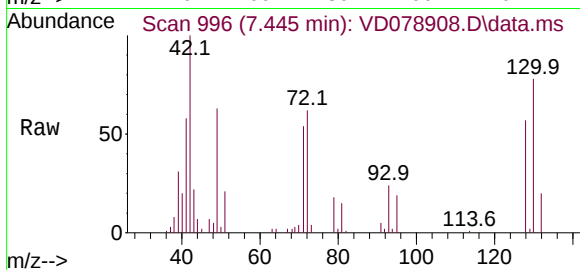
Tgt Ion: 42 Resp: 38038

Ion Ratio Lower Upper

42 100

72 61.7 49.4 74.0

71 56.3 45.0 67.6



#30

Chloroform

Concen: 43.406 ug/l

RT: 7.592 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD078908.D

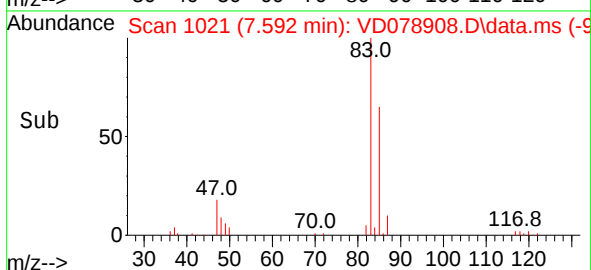
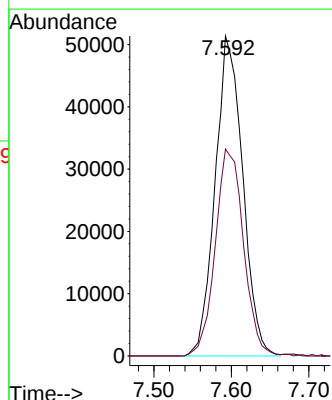
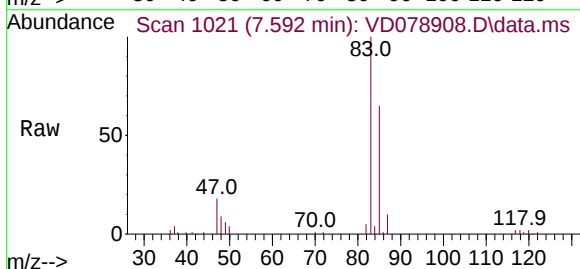
Acq: 13 May 2024 11:45

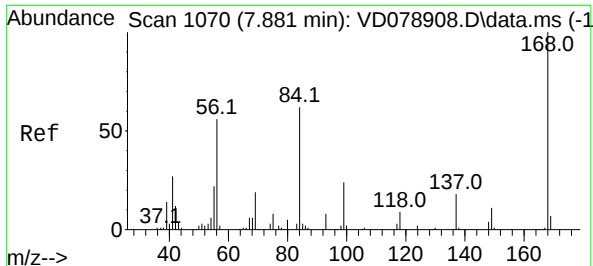
Tgt Ion: 83 Resp: 126873

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6





#31

Cyclohexane

Concen: 42.417 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

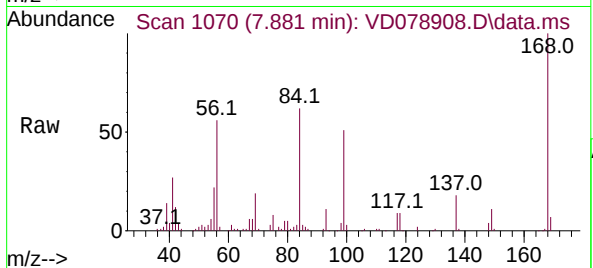
Lab File: VD078908.D

Acq: 13 May 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :



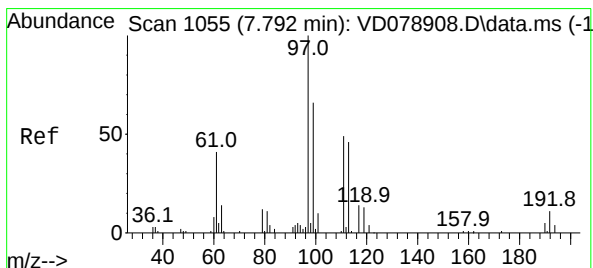
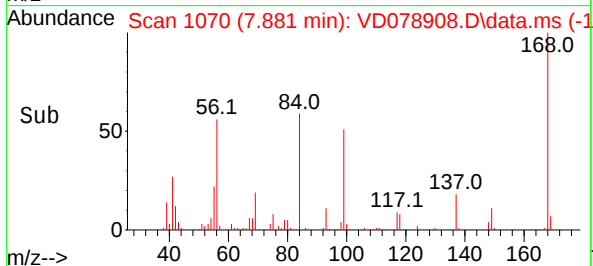
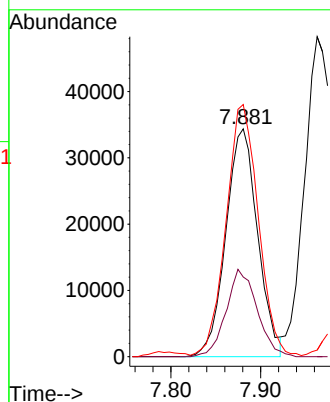
Tgt Ion: 56 Resp: 84698

Ion Ratio Lower Upper

56 100

69 35.0 28.0 42.0

84 109.2 87.4 131.0



#32

1,1,1-Trichloroethane

Concen: 43.431 ug/l

RT: 7.792 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

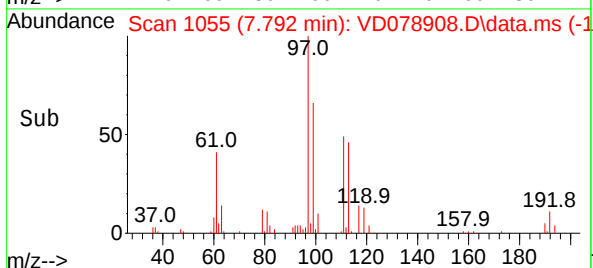
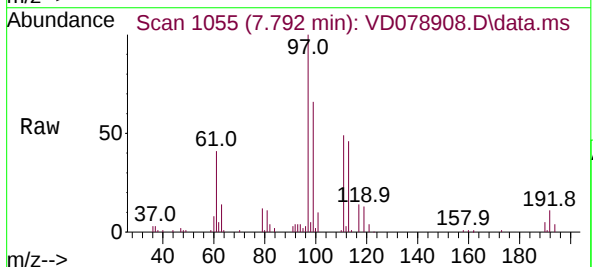
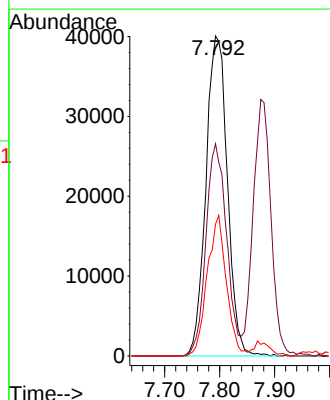
Tgt Ion: 97 Resp: 108715

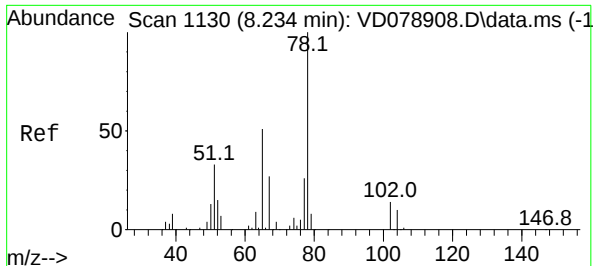
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 39.3 31.4 47.2

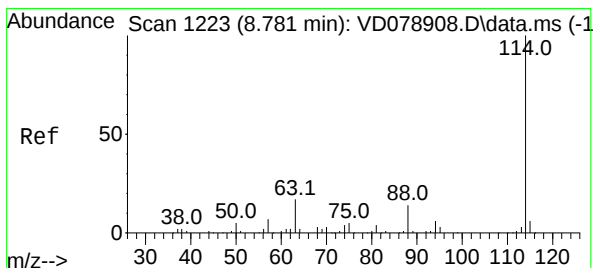
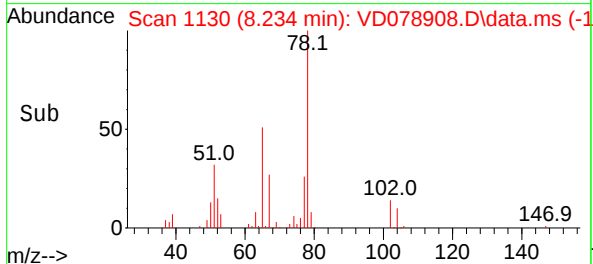
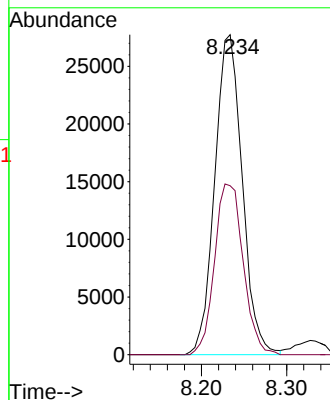
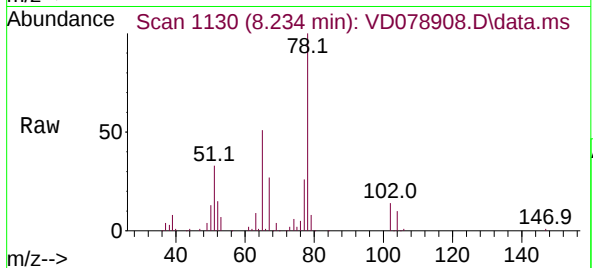




#33
1,2-Dichloroethane-d4
Concen: 45.492 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

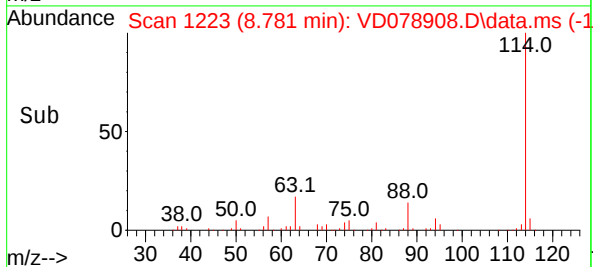
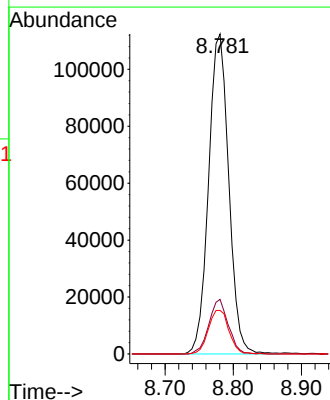
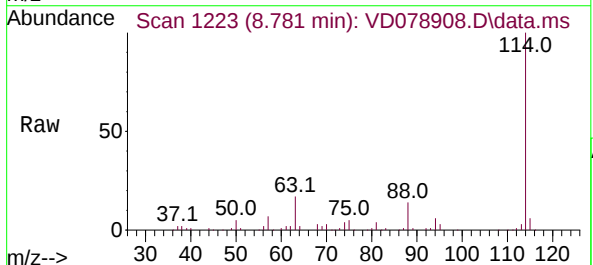
Instrument :
MSVOA_D
ClientSampleId :

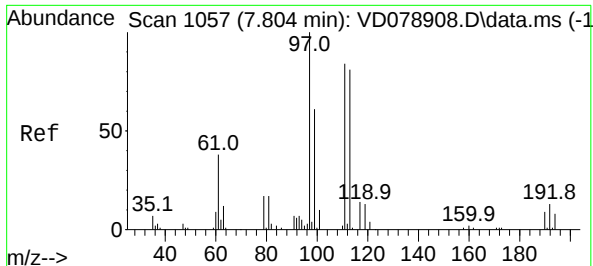
Tgt Ion: 65 Resp: 62176
Ion Ratio Lower Upper
65 100
67 55.5 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion:114 Resp: 231297
Ion Ratio Lower Upper
114 100
63 17.0 0.0 34.0
88 13.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 47.265 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

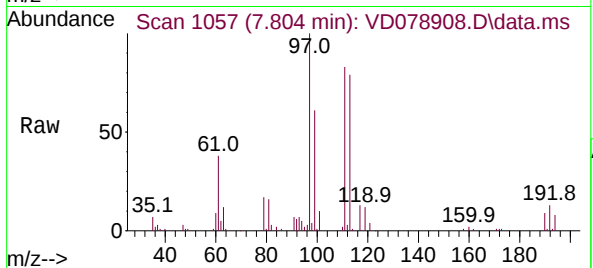
Lab File: VD078908.D

Acq: 13 May 2024 11:45

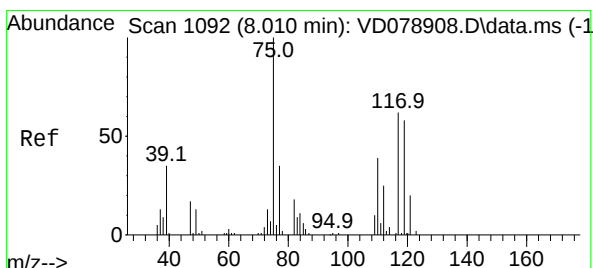
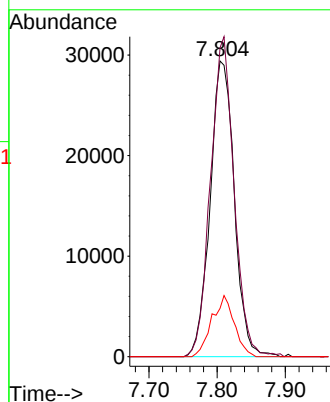
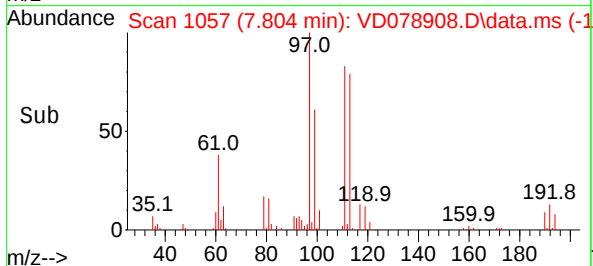
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	72772
Ion Ratio	Lower	Upper	
113	100		
111	105.0	84.0	126.0
192	19.2	15.4	23.0



#36

1,1-Dichloropropene

Concen: 45.207 ug/l

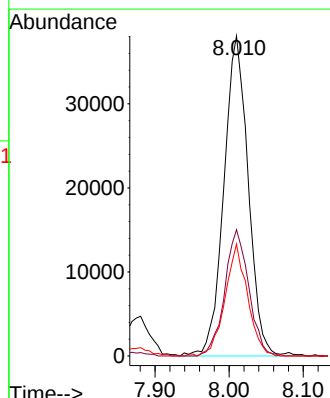
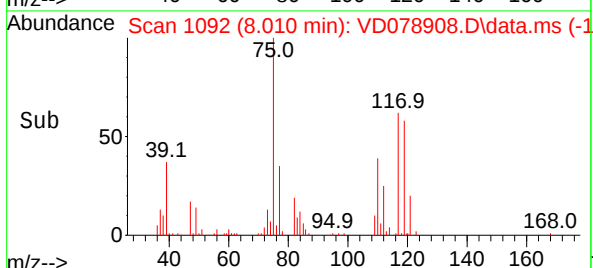
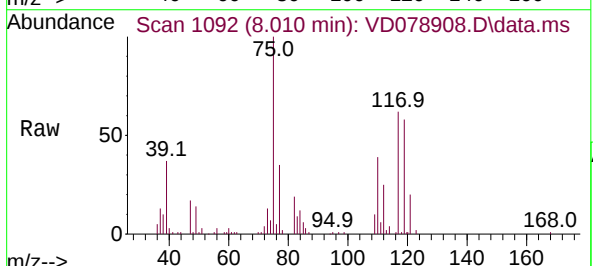
RT: 8.010 min Scan# 1092

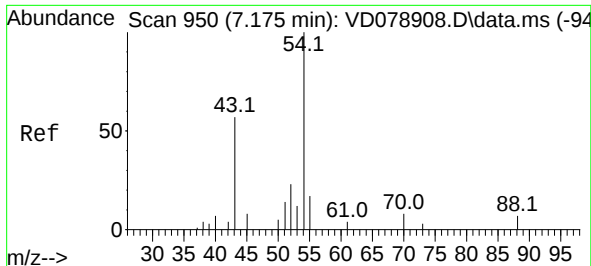
Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

Tgt Ion:	75	Resp:	86615
Ion Ratio	Lower	Upper	
75	100		
110	39.1	19.6	58.7
77	32.6	26.1	39.1





#37

Ethyl Acetate

Concen: 44.412 ug/l

RT: 7.175 min Scan# 950

Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

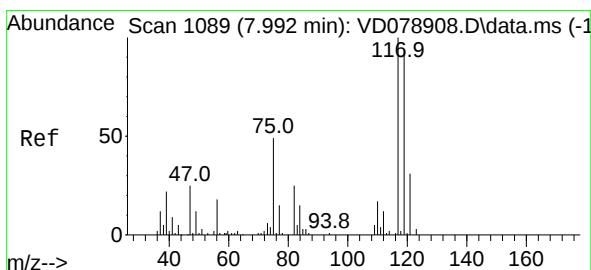
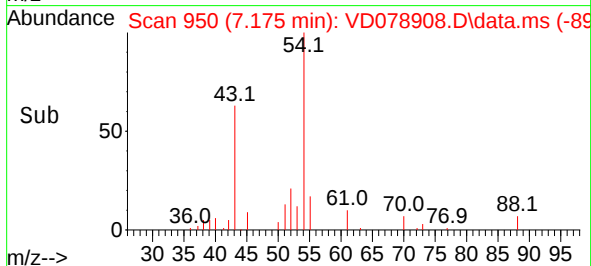
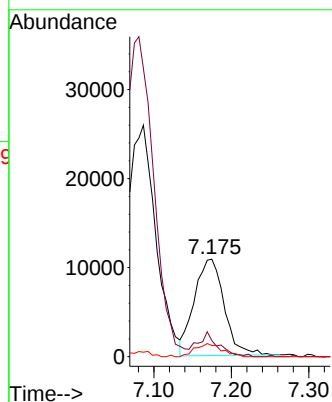
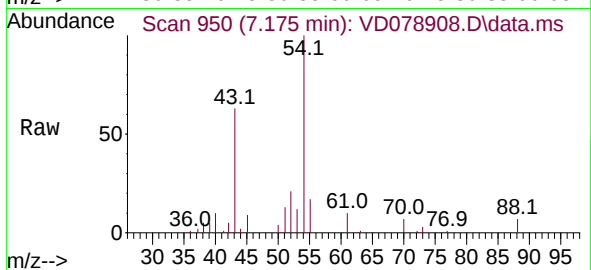
Tgt Ion: 43 Resp: 28999

Ion Ratio Lower Upper

43 100

61 17.4 13.9 20.9

70 12.2 9.8 14.6



#38

Carbon Tetrachloride

Concen: 44.806 ug/l

RT: 7.992 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

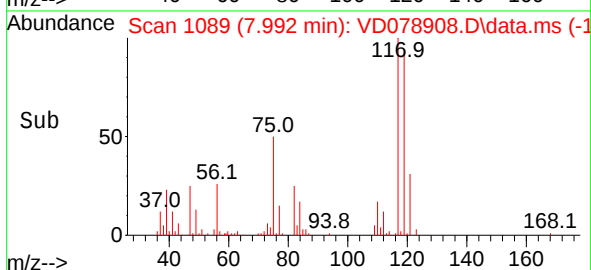
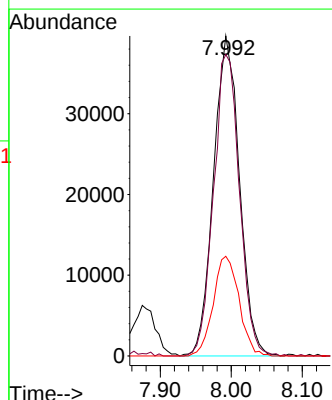
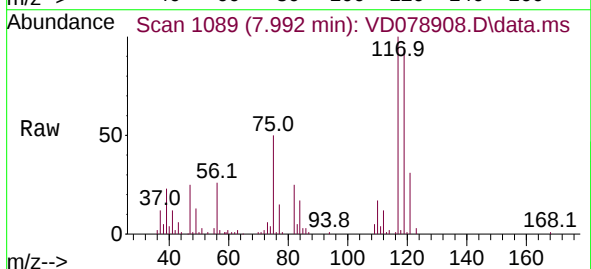
Tgt Ion: 117 Resp: 100464

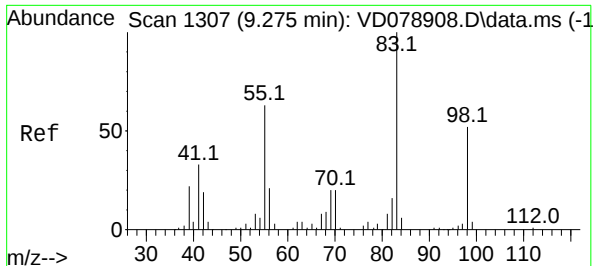
Ion Ratio Lower Upper

117 100

119 94.2 75.4 113.0

121 31.2 25.0 37.4

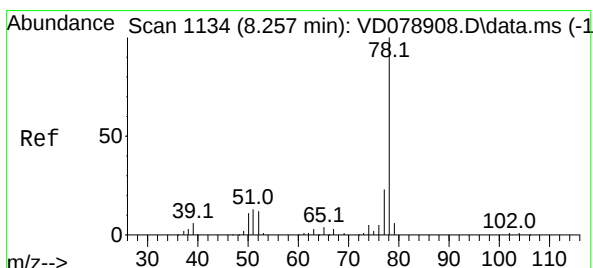
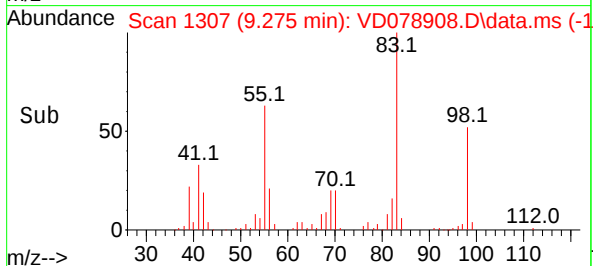
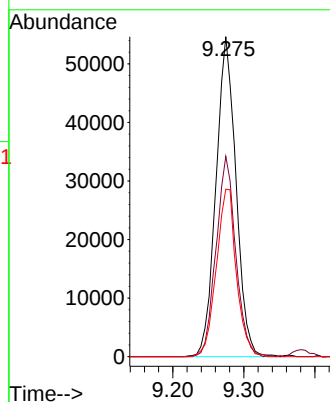
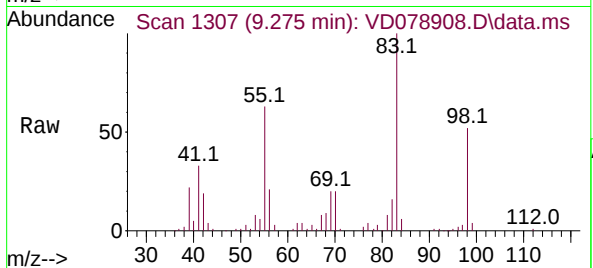




#39
Methylcyclohexane
Concen: 45.891 ug/l
RT: 9.275 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

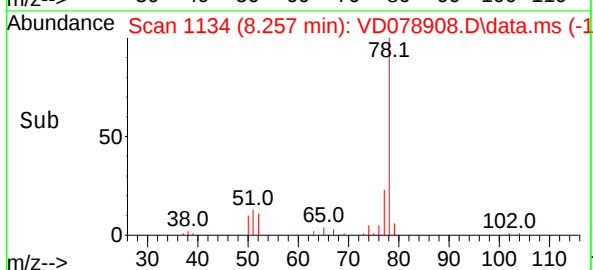
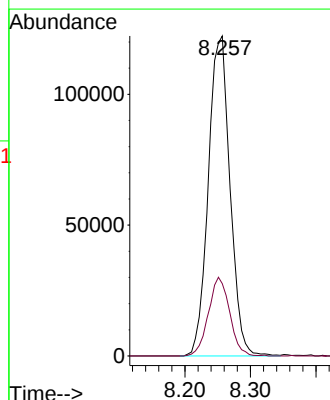
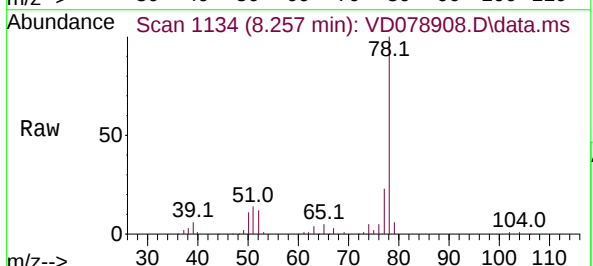
Instrument :
MSVOA_D
ClientSampleId :

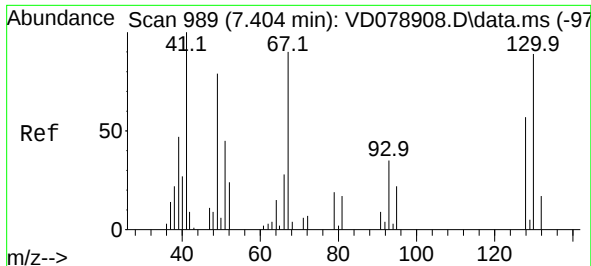
Tgt Ion: 83 Resp: 106833
Ion Ratio Lower Upper
83 100
55 62.6 50.1 75.1
98 52.4 41.9 62.9



#40
Benzene
Concen: 45.375 ug/l
RT: 8.257 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

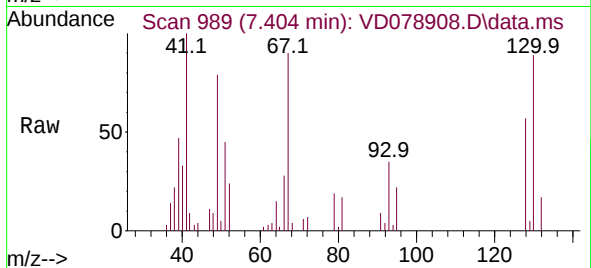
Tgt Ion: 78 Resp: 281188
Ion Ratio Lower Upper
78 100
77 22.6 18.1 27.1



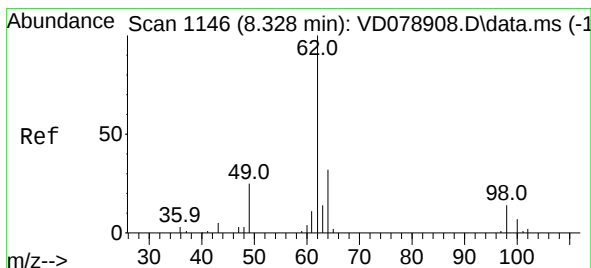
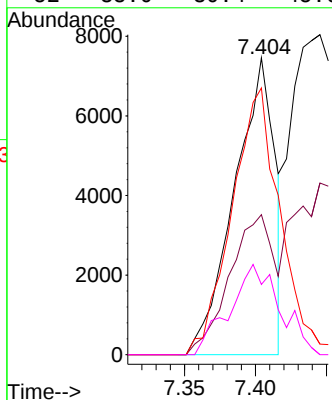
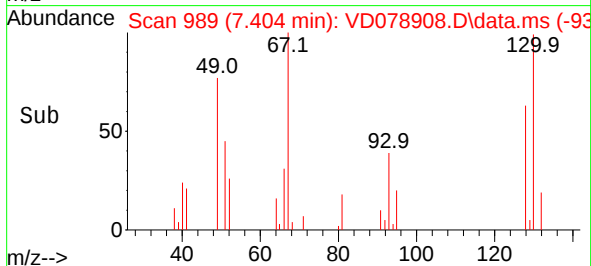


#41
Methacrylonitrile
Concen: 41.950 ug/l
RT: 7.404 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Instrument :
MSVOA_D
ClientSampleId :

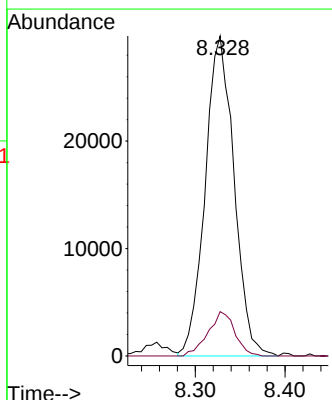
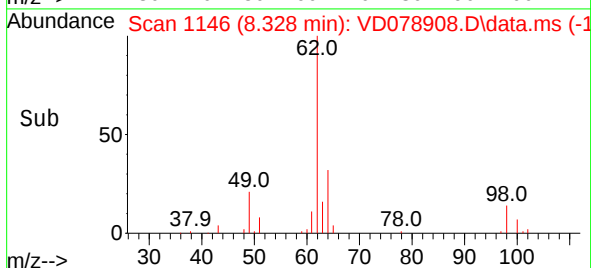
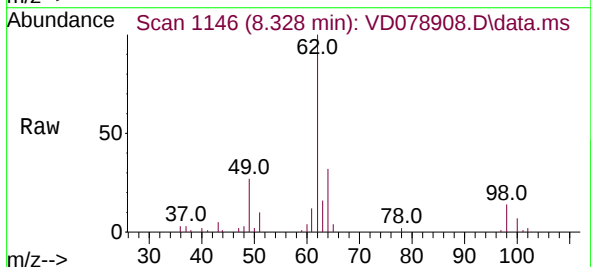


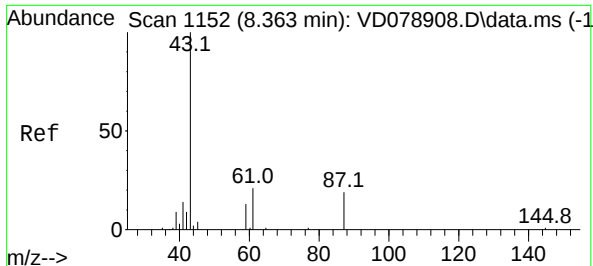
Tgt Ion: 41	Resp: 14739
Ion Ratio	Lower Upper
41 100	
39 51.7	41.4 62.0
67 107.2	85.8 128.6
52 38.0	30.4 45.6



#42
1,2-Dichloroethane
Concen: 44.323 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion: 62	Resp: 66483
Ion Ratio	Lower Upper
62 100	
98 12.9	0.0 25.8





#43

Isopropyl Acetate

Concen: 47.697 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD078908.D

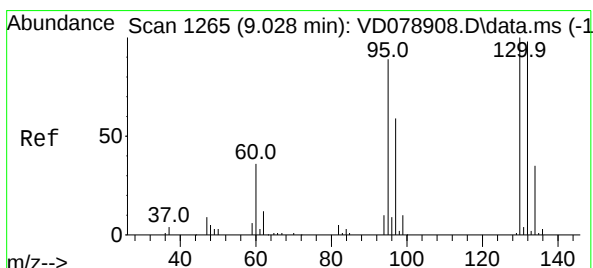
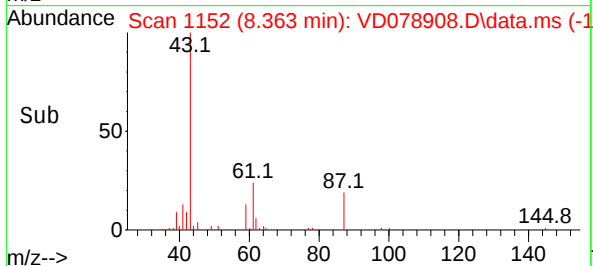
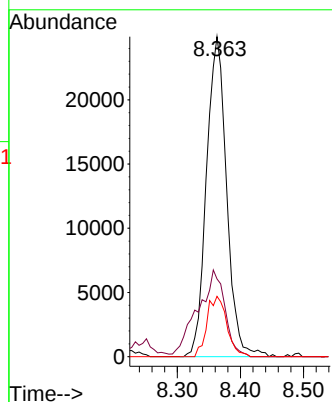
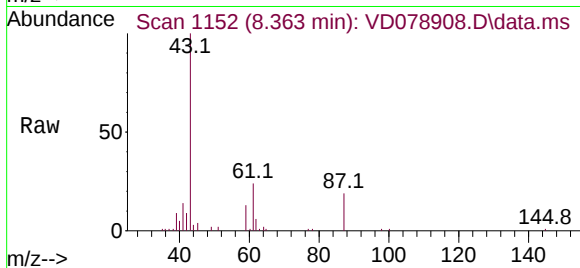
Acq: 13 May 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 55261
Ion Ratio	Lower Upper
43	100
61	36.6 29.3 43.9
87	18.6 14.9 22.3



#44

Trichloroethene

Concen: 43.778 ug/l

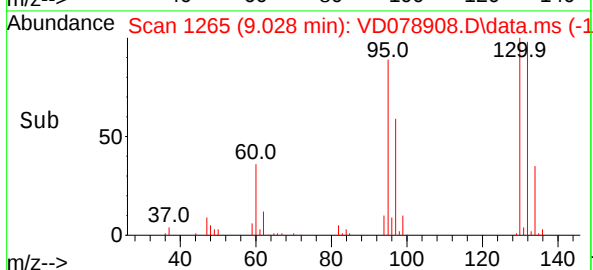
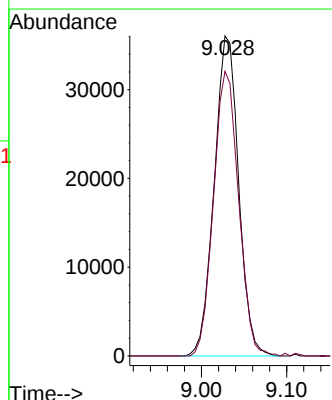
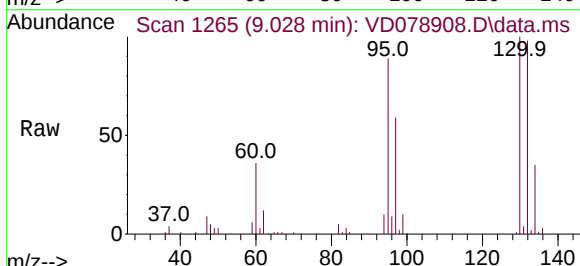
RT: 9.028 min Scan# 1265

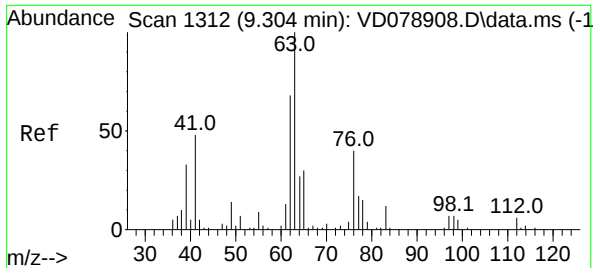
Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

Tgt Ion: 130	Resp: 71958
Ion Ratio	Lower Upper
130	100
95	88.9 0.0 177.8

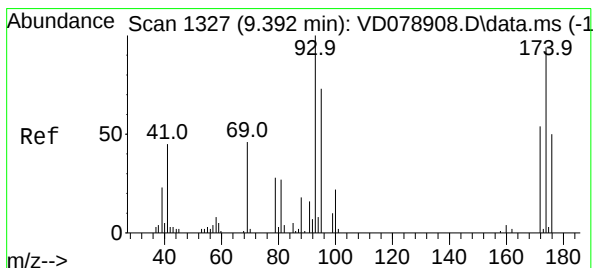
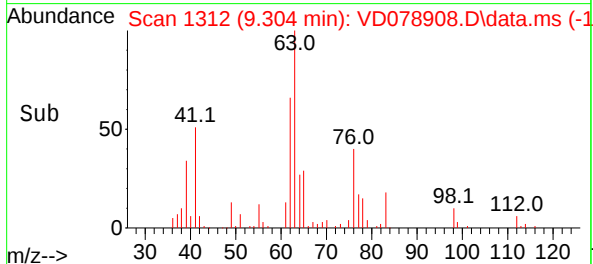
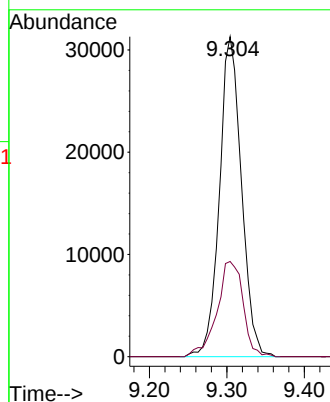
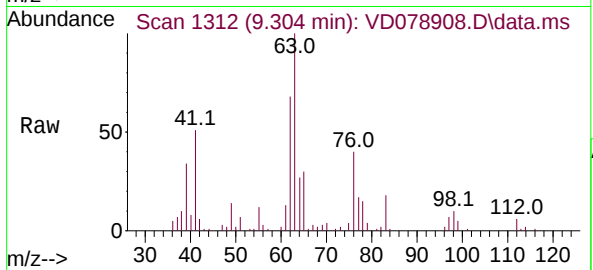




#45
1,2-Dichloropropane
Concen: 45.335 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

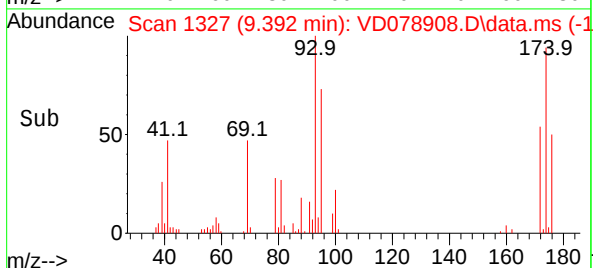
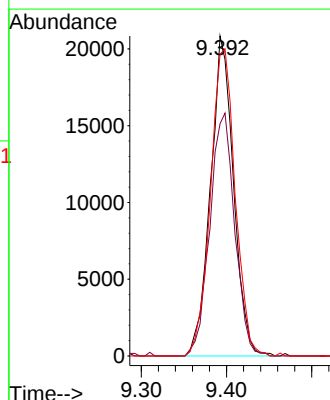
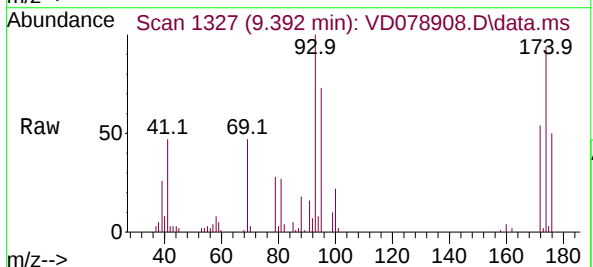
Instrument :
MSVOA_D
ClientSampleId :

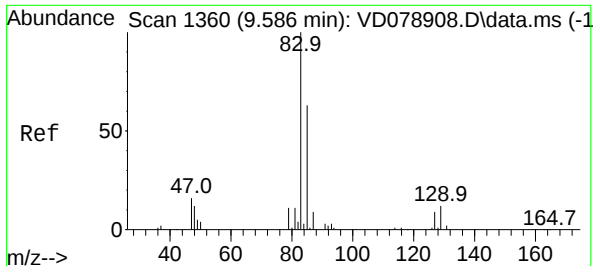
Tgt Ion: 63 Resp: 61737
Ion Ratio Lower Upper
63 100
65 29.8 23.8 35.8



#46
Dibromomethane
Concen: 43.661 ug/l
RT: 9.392 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion: 93 Resp: 39141
Ion Ratio Lower Upper
93 100
95 82.0 65.6 98.4
174 102.9 82.3 123.5

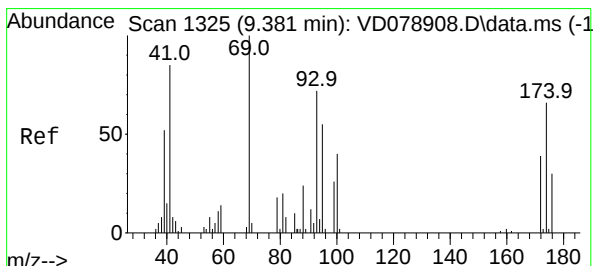
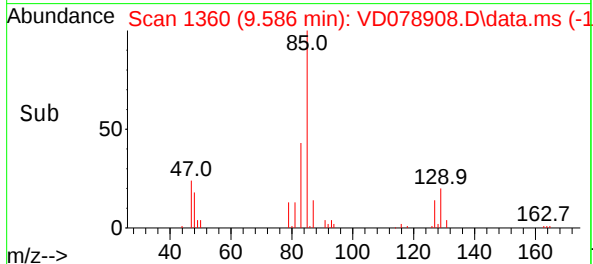
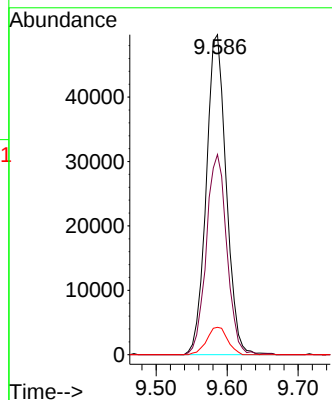
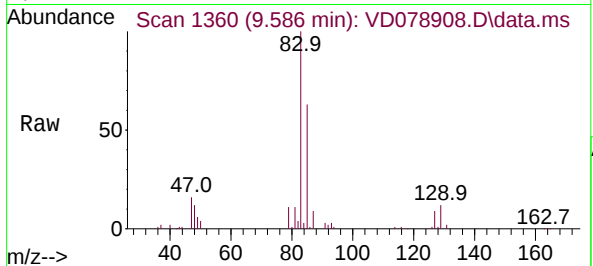




#47
Bromodichloromethane
Concen: 45.071 ug/l
RT: 9.586 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

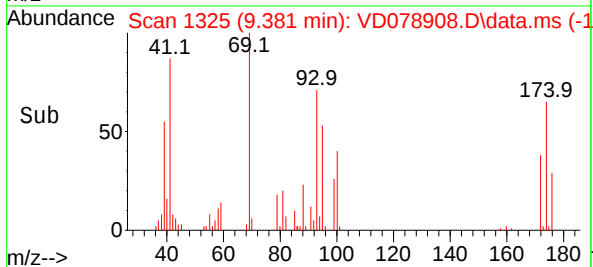
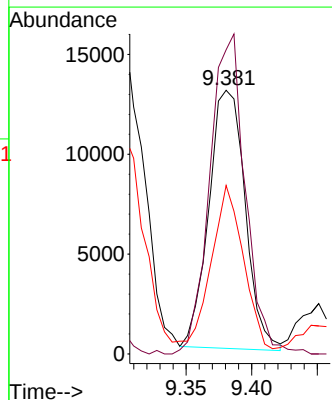
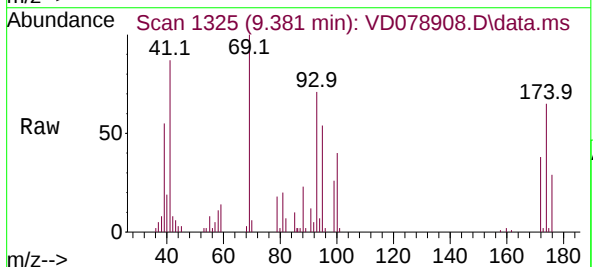
Instrument :
MSVOA_D
ClientSampleId :

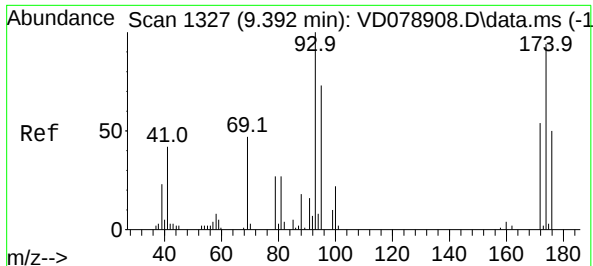
Tgt Ion: 83 Resp: 97262
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 8.5 6.8 10.2



#48
Methyl methacrylate
Concen: 44.228 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion: 41 Resp: 24945
Ion Ratio Lower Upper
41 100
69 120.9 96.7 145.1
39 54.7 43.8 65.6





#49

1,4-Dioxane

Concen: 1023.619 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

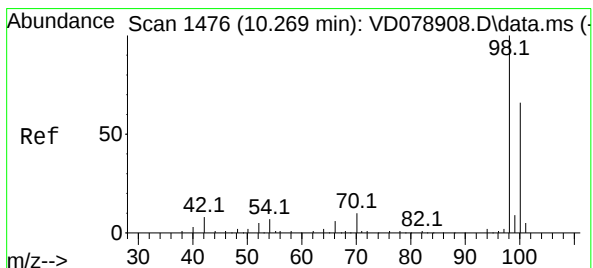
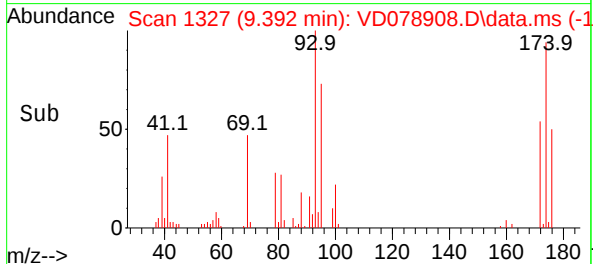
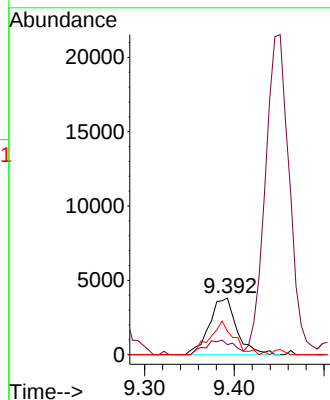
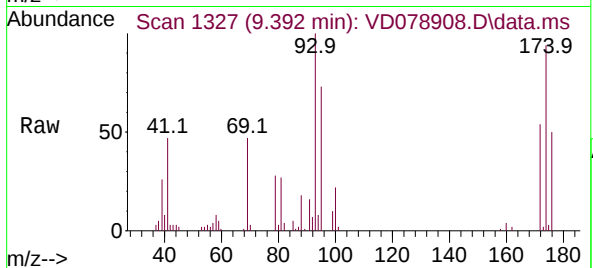
Tgt Ion: 88 Resp: 8072

Ion Ratio Lower Upper

88 100

43 26.9 21.5 32.3

58 52.8 42.2 63.4



#50

Toluene-d8

Concen: 49.627 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078908.D

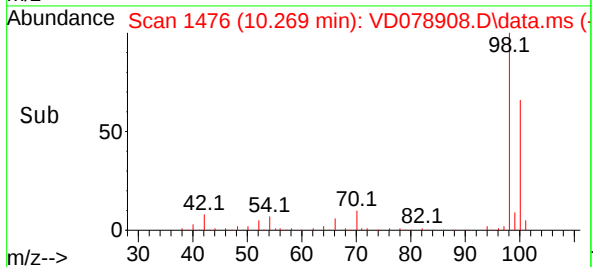
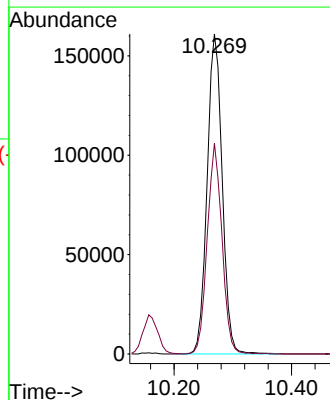
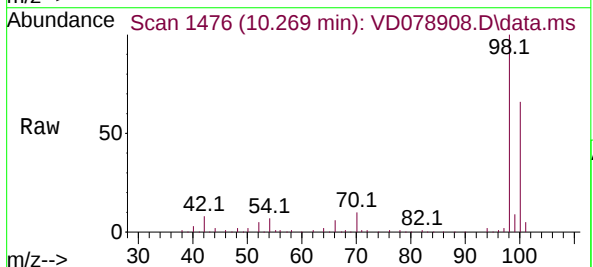
Acq: 13 May 2024 11:45

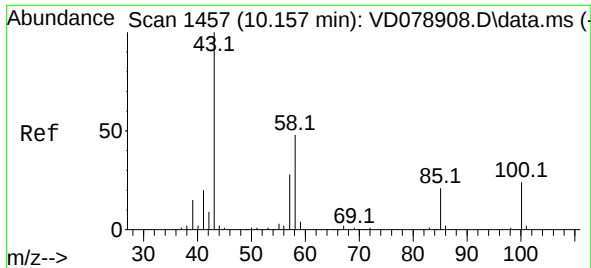
Tgt Ion: 98 Resp: 286448

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4

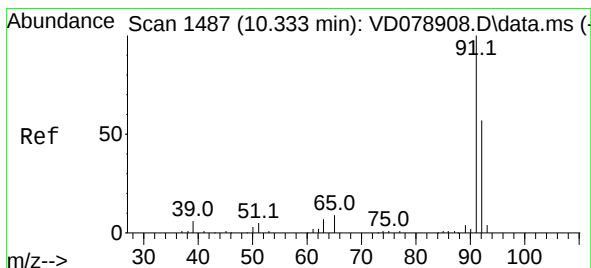
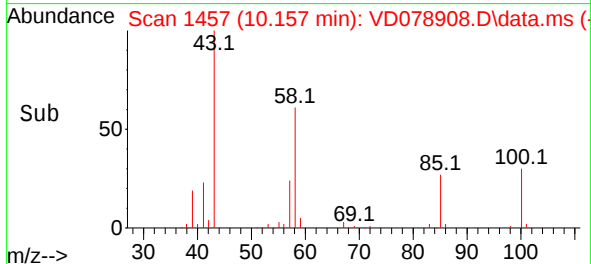
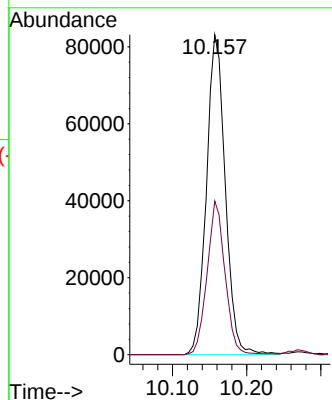
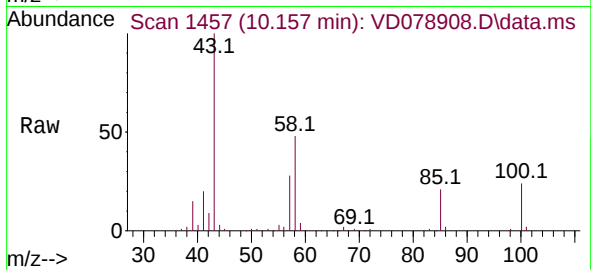




#51
4-Methyl-2-Pentanone
Concen: 237.644 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

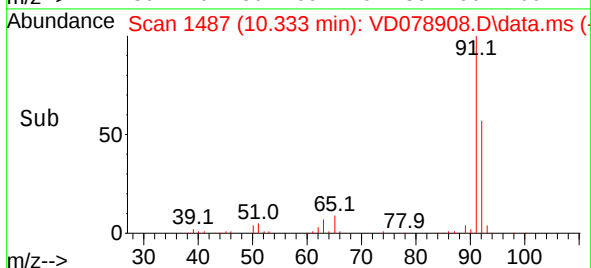
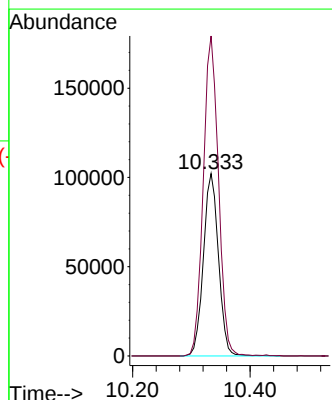
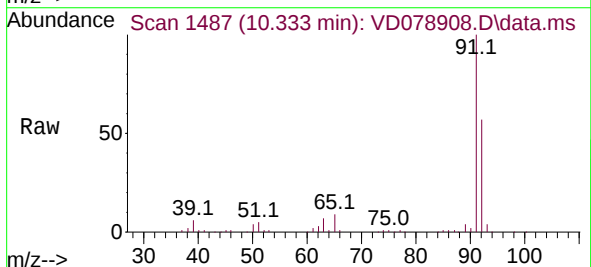
Instrument :
MSVOA_D
ClientSampleId :

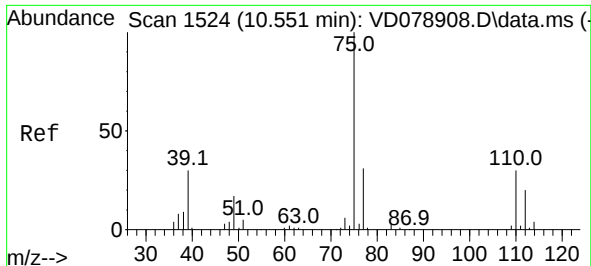
Tgt Ion: 43 Resp: 146651
Ion Ratio Lower Upper
43 100
58 45.8 36.6 55.0



#52
Toluene
Concen: 45.806 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion: 92 Resp: 181703
Ion Ratio Lower Upper
92 100
91 177.1 141.7 212.5





#53

t-1,3-Dichloropropene

Concen: 46.079 ug/l

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

Instrument :

MSVOA_D

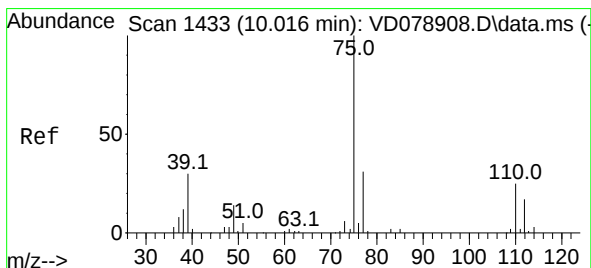
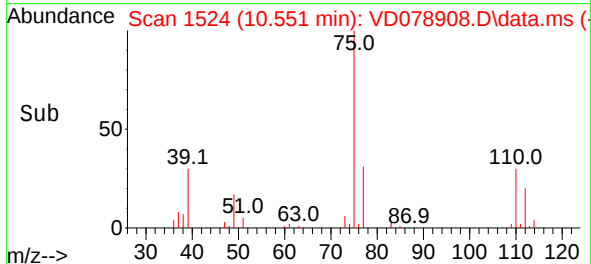
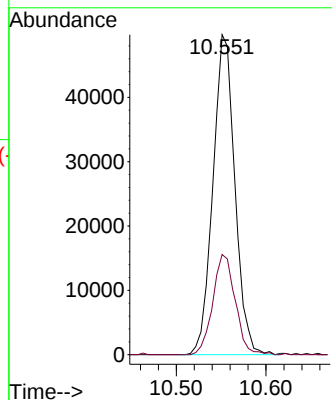
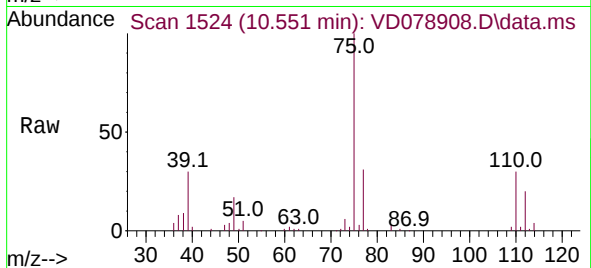
ClientSampleId :

Tgt Ion: 75 Resp: 84496

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 46.915 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

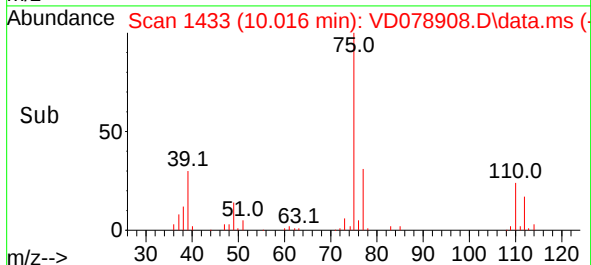
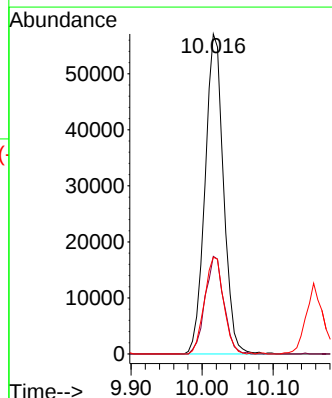
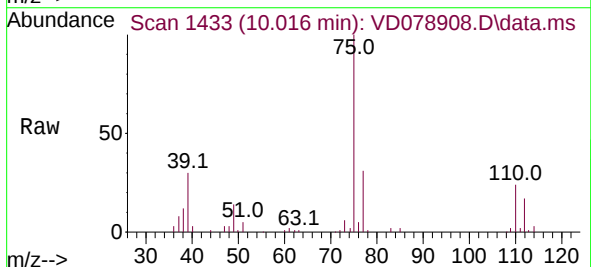
Tgt Ion: 75 Resp: 103259

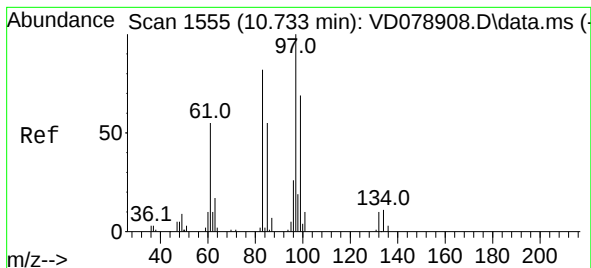
Ion Ratio Lower Upper

75 100

77 30.5 24.4 36.6

39 30.2 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 44.967 ug/l

RT: 10.733 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 52081

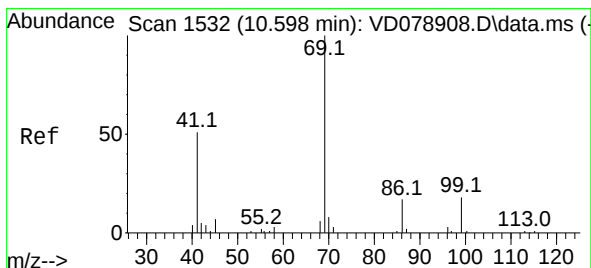
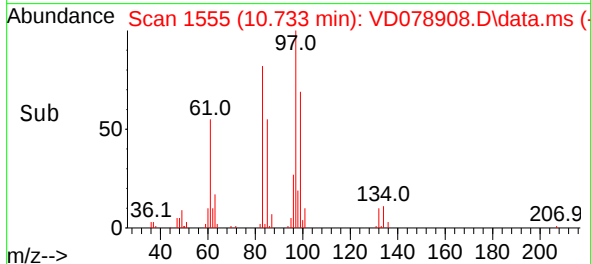
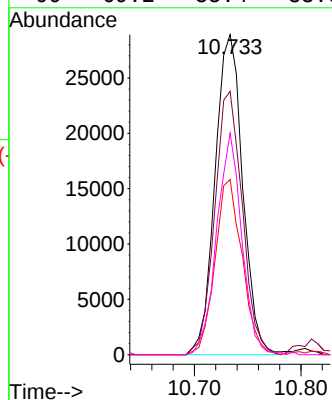
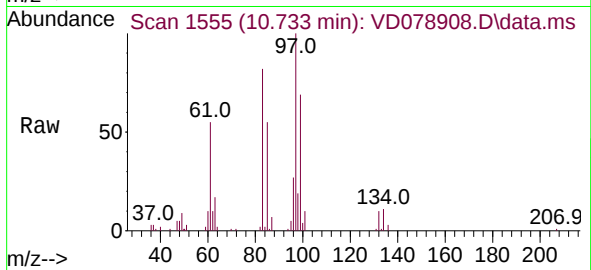
Ion Ratio Lower Upper

97 100

83 82.3 65.8 98.8

85 54.8 43.8 65.8

99 69.2 55.4 83.0



#56

Ethyl methacrylate

Concen: 49.500 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

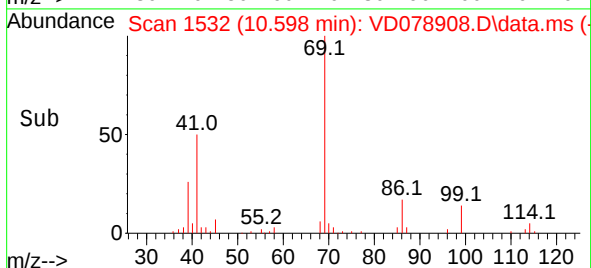
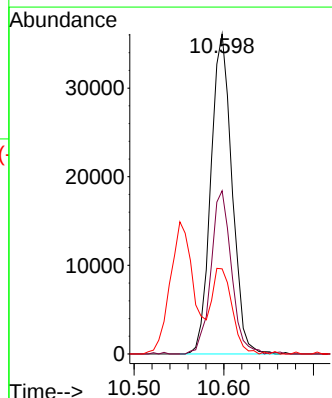
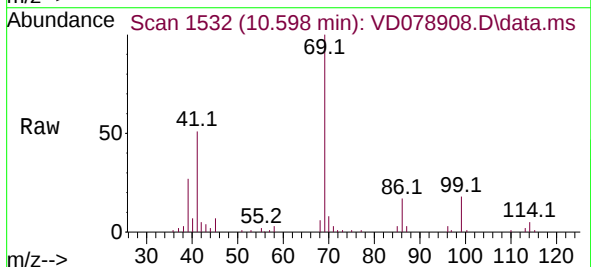
Tgt Ion: 69 Resp: 58985

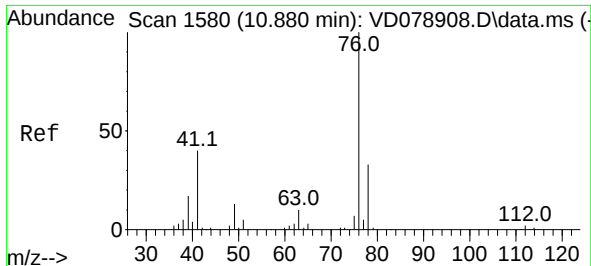
Ion Ratio Lower Upper

69 100

41 49.7 39.8 59.6

39 25.3 20.2 30.4





#57

1,3-Dichloropropane

Concen: 46.003 ug/l

RT: 10.880 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

Instrument :

MSVOA_D

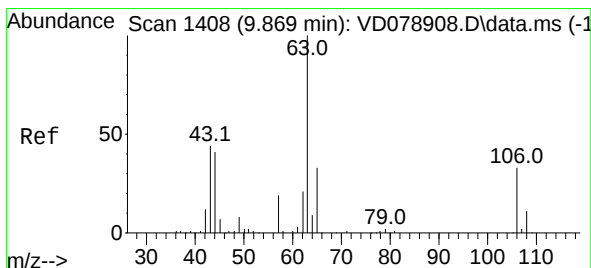
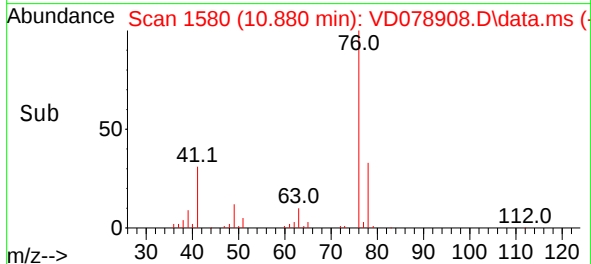
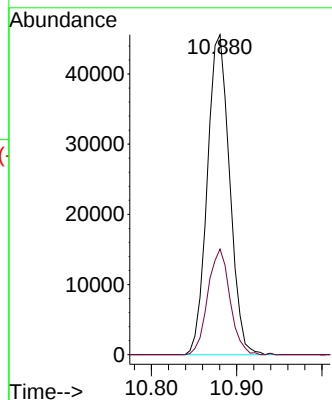
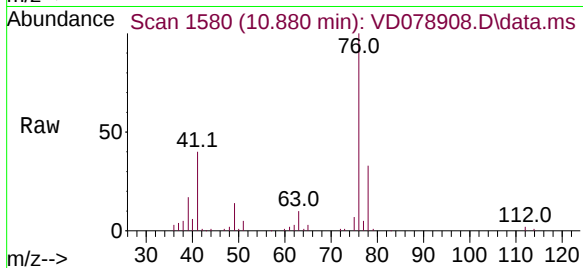
ClientSampleId :

Tgt Ion: 76 Resp: 82966

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 258.519 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078908.D

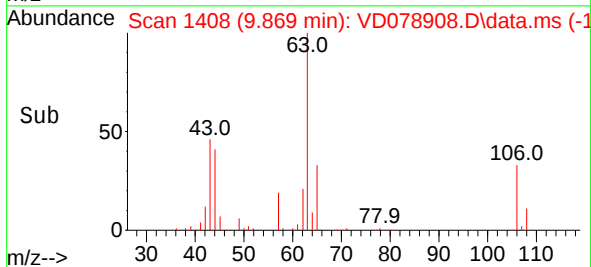
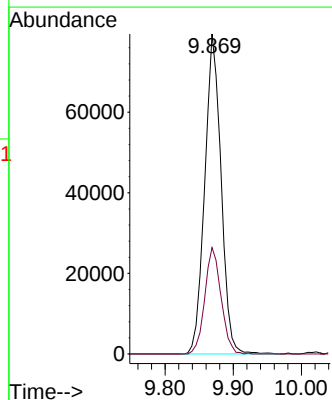
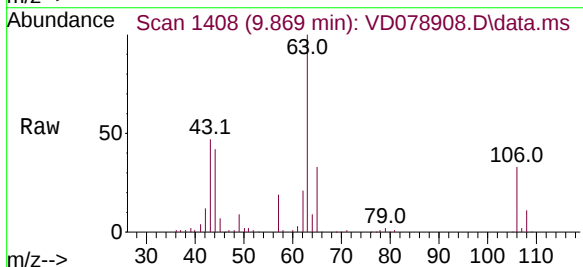
Acq: 13 May 2024 11:45

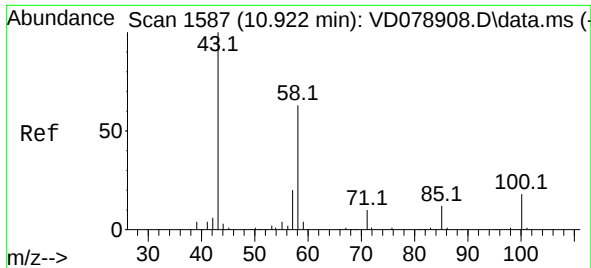
Tgt Ion: 63 Resp: 132362

Ion Ratio Lower Upper

63 100

106 33.0 26.4 39.6

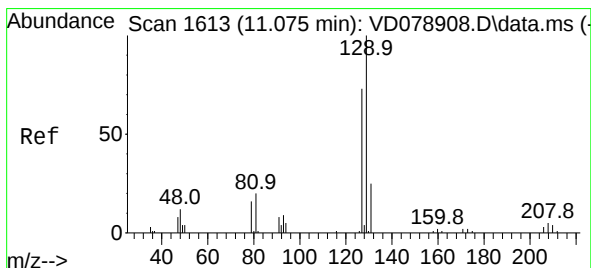
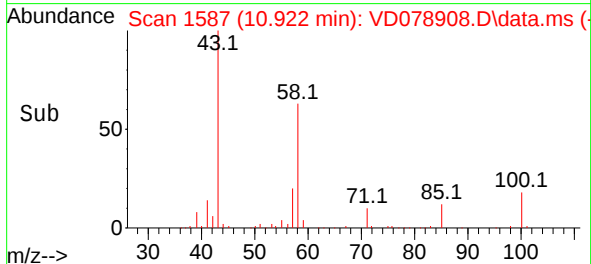
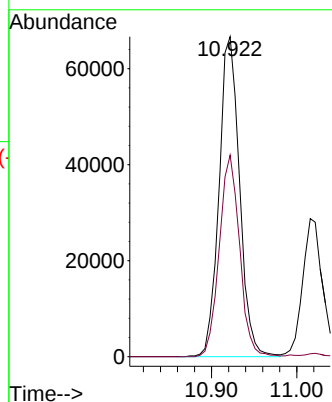
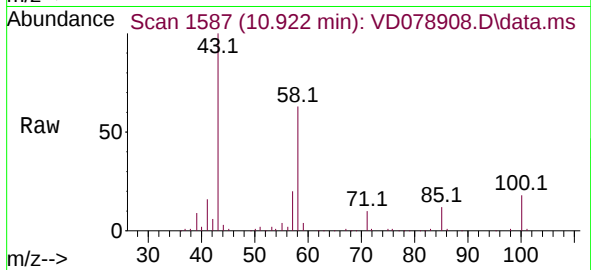




#59
2-Hexanone
Concen: 259.892 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

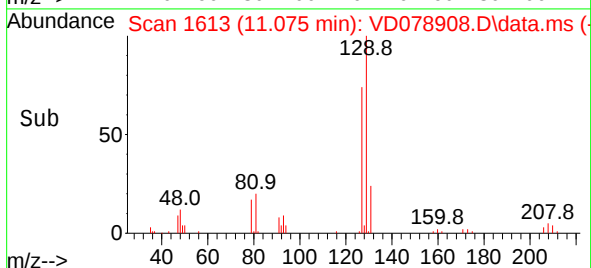
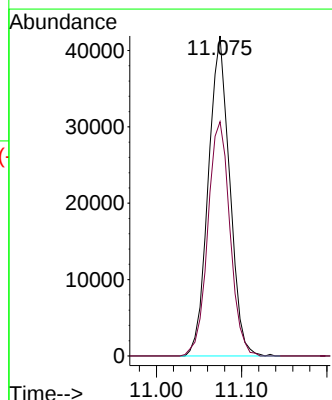
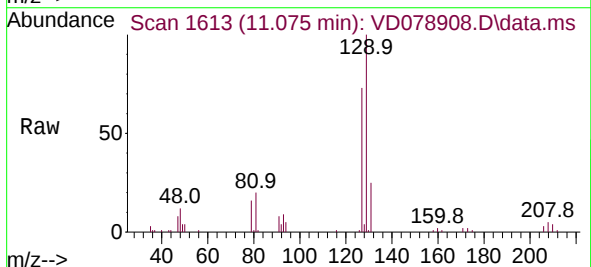
Instrument :
MSVOA_D
ClientSampleId :

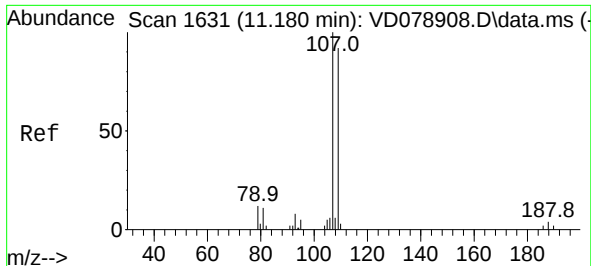
Tgt Ion: 43 Resp: 111632
Ion Ratio Lower Upper
43 100
58 62.3 31.1 93.5



#60
Dibromochloromethane
Concen: 46.223 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion:129 Resp: 72980
Ion Ratio Lower Upper
129 100
127 75.9 38.0 113.9

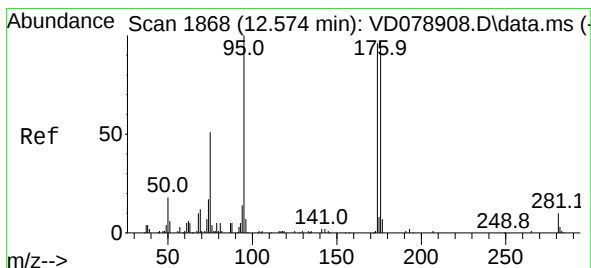
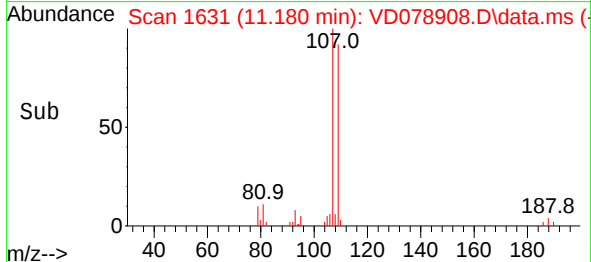
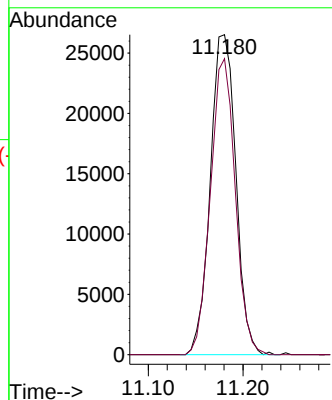
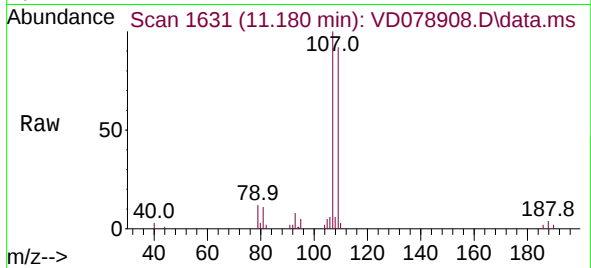




#61
1,2-Dibromoethane
Concen: 47.043 ug/l
RT: 11.180 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

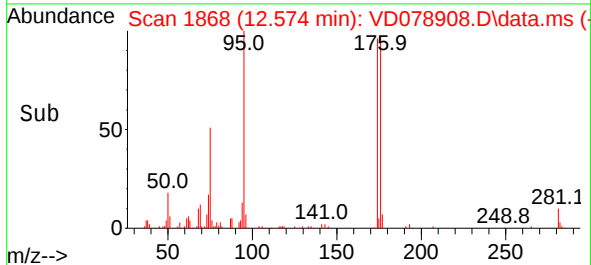
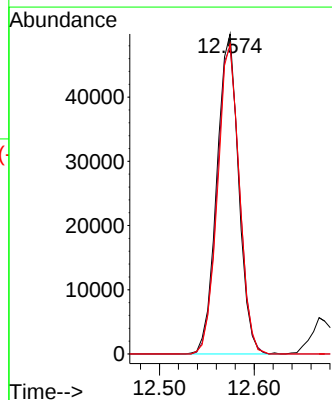
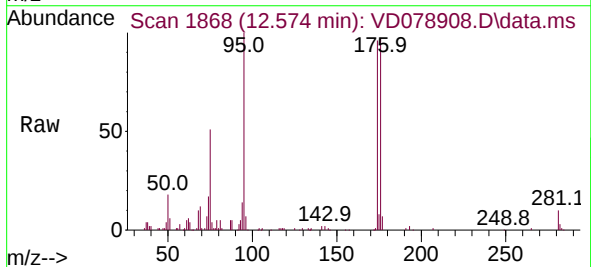
Instrument :
MSVOA_D
ClientSampleId :

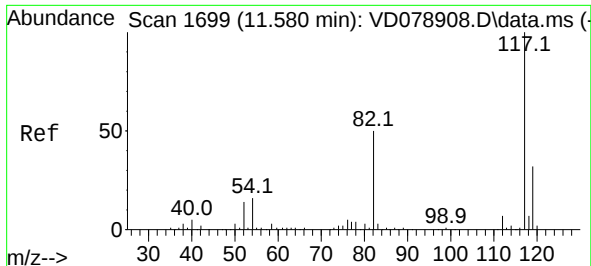
Tgt Ion:107 Resp: 49679
Ion Ratio Lower Upper
107 100
109 90.0 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 49.074 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion: 95 Resp: 79574
Ion Ratio Lower Upper
95 100
174 97.7 0.0 195.4
176 96.3 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.580 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

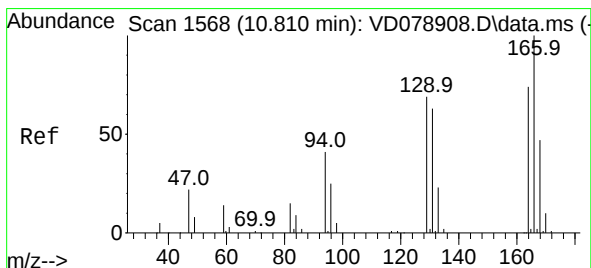
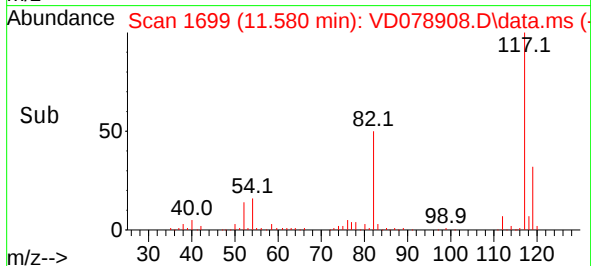
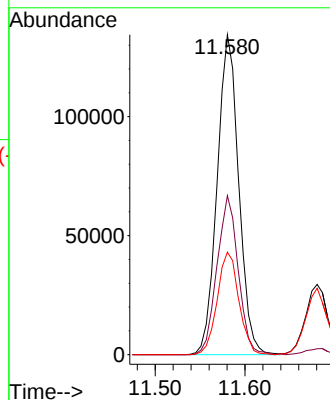
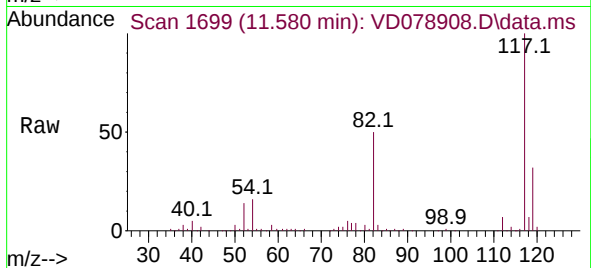
Tgt Ion:117 Resp: 224393

Ion Ratio Lower Upper

117 100

82 49.7 39.8 59.6

119 32.1 25.7 38.5



#64

Tetrachloroethene

Concen: 43.204 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

Tgt Ion:164 Resp: 61507

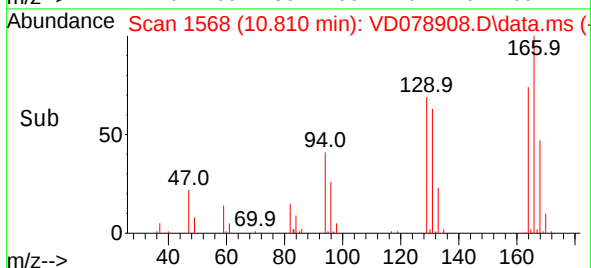
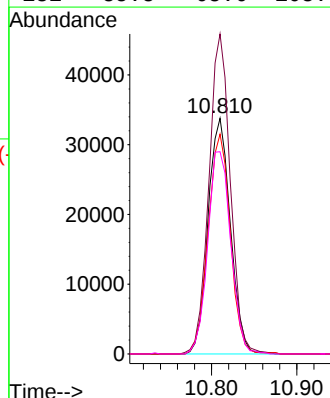
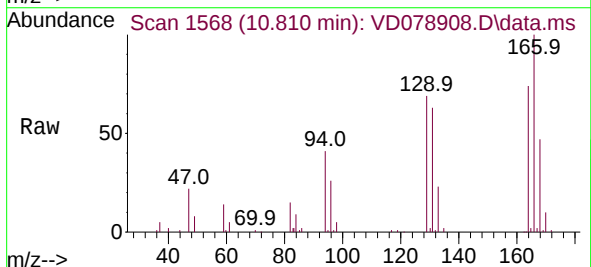
Ion Ratio Lower Upper

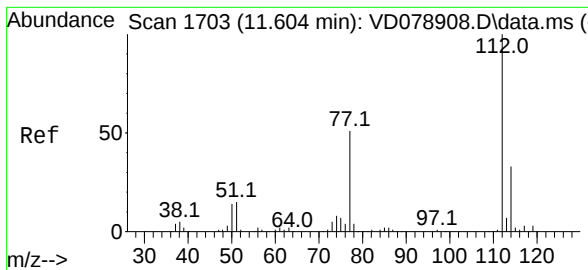
164 100

166 135.8 108.6 163.0

129 93.3 74.6 112.0

131 85.8 68.6 103.0

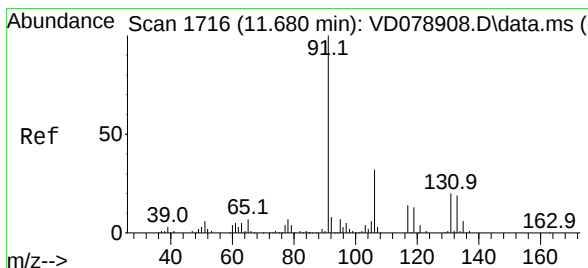
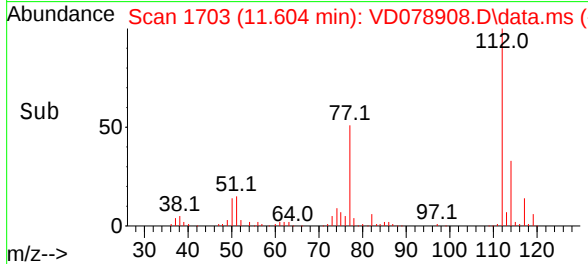
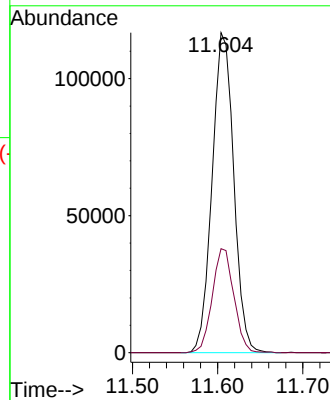
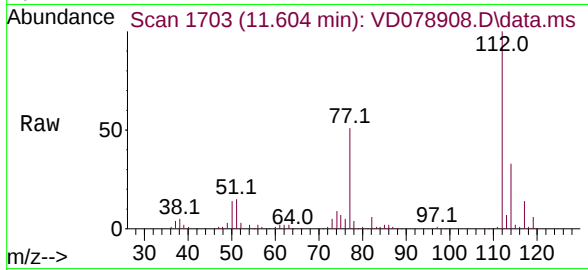




#65
Chlorobenzene
Concen: 44.139 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

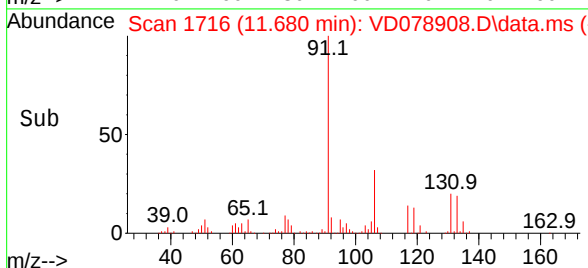
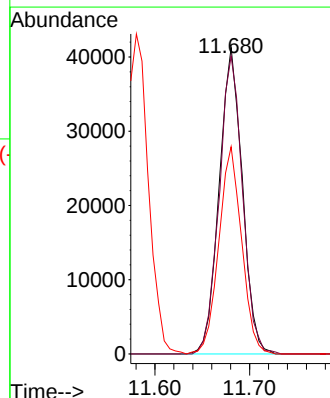
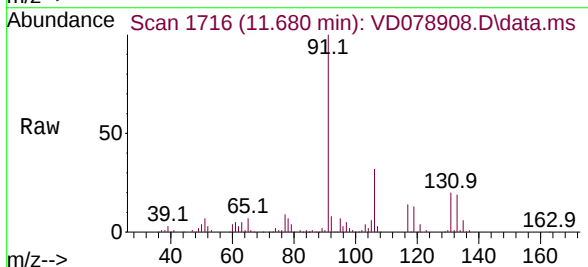
Instrument :
MSVOA_D
ClientSampleId :

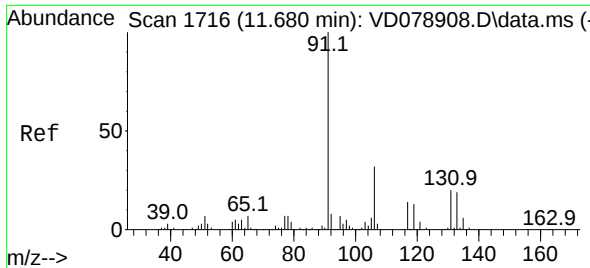
Tgt Ion:112 Resp: 206018
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 43.389 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion:131 Resp: 70012
Ion Ratio Lower Upper
131 100
133 98.4 49.2 147.6
119 66.8 33.4 100.2

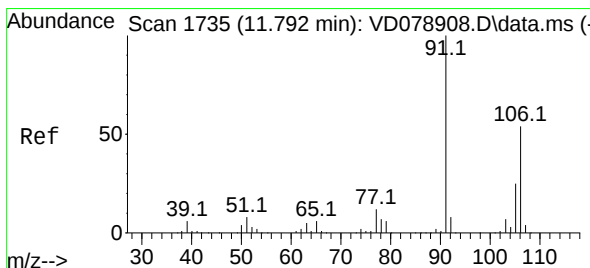
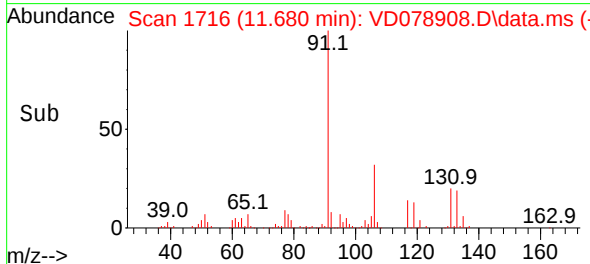
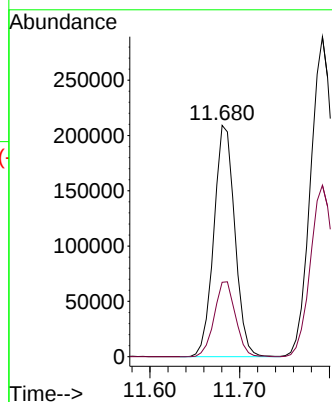
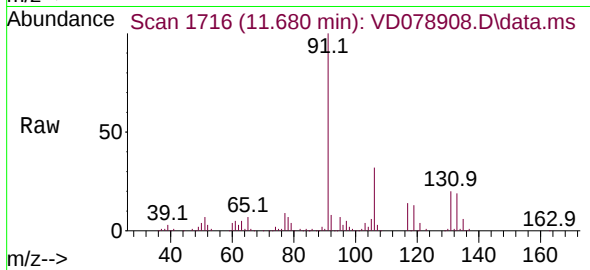




#67
Ethyl Benzene
Concen: 45.250 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

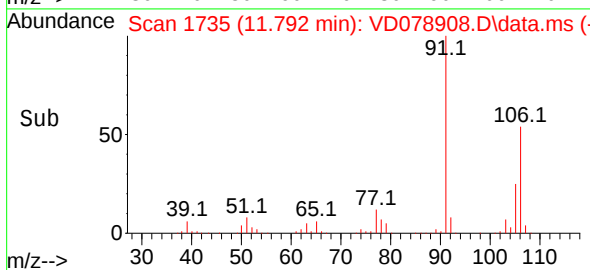
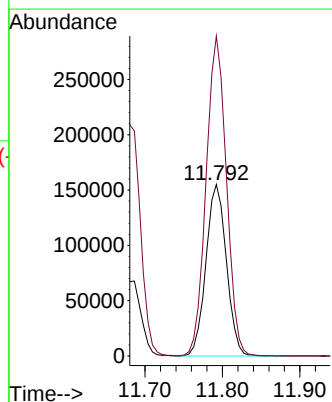
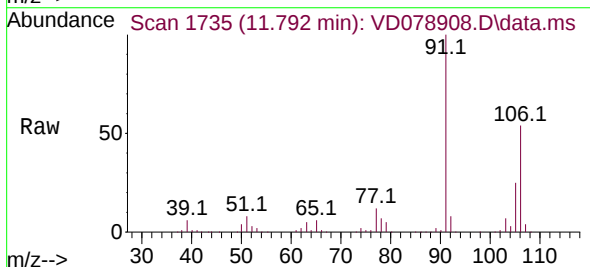
Instrument :
MSVOA_D
ClientSampleId :

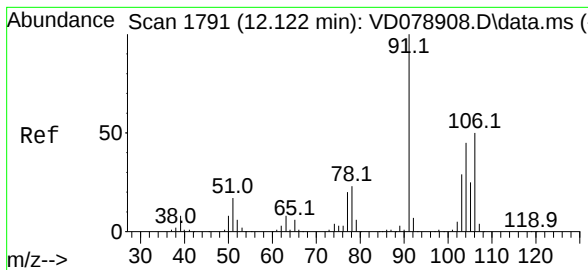
Tgt Ion: 91 Resp: 339716
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.6



#68
m/p-Xylenes
Concen: 92.900 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion:106 Resp: 283554
Ion Ratio Lower Upper
106 100
91 185.6 148.5 222.7

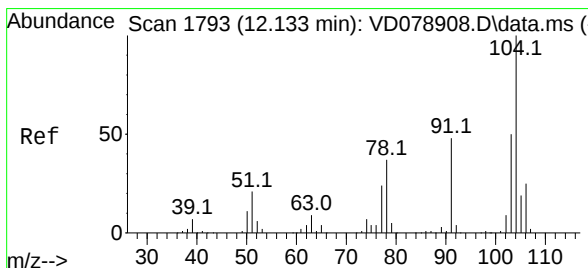
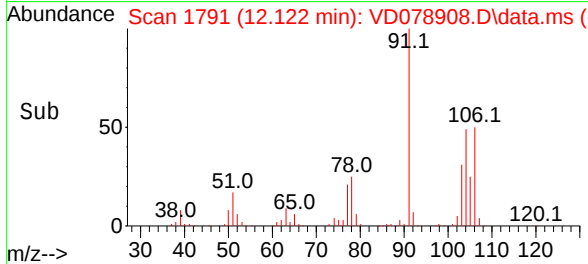
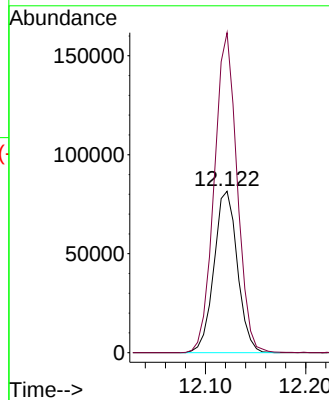
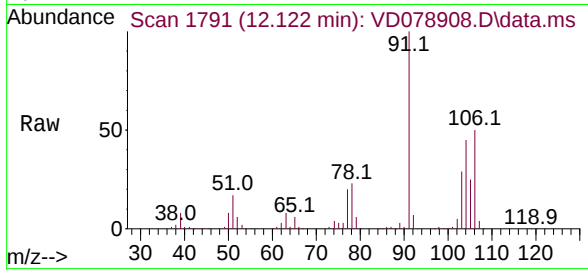




#69
o-Xylene
Concen: 47.553 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

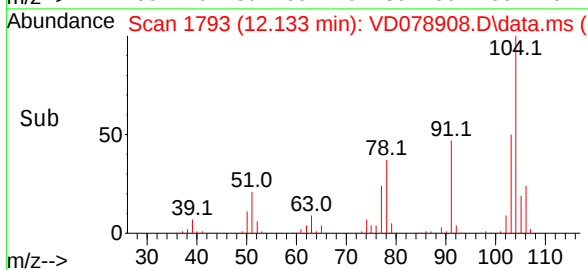
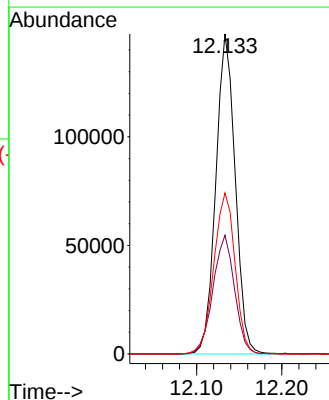
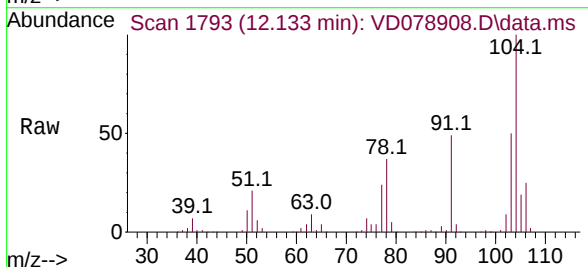
Instrument :
MSVOA_D
ClientSampleId :

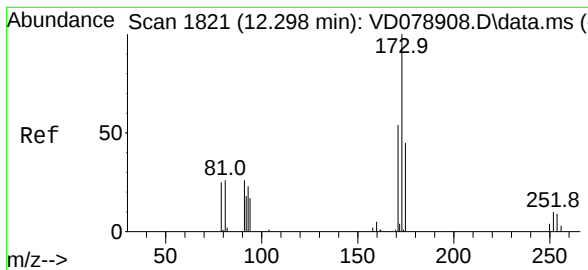
Tgt Ion:106 Resp: 132321
Ion Ratio Lower Upper
106 100
91 193.4 96.7 290.1



#70
Styrene
Concen: 47.291 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion:104 Resp: 233222
Ion Ratio Lower Upper
104 100
78 41.3 33.0 49.6
103 55.3 44.2 66.4

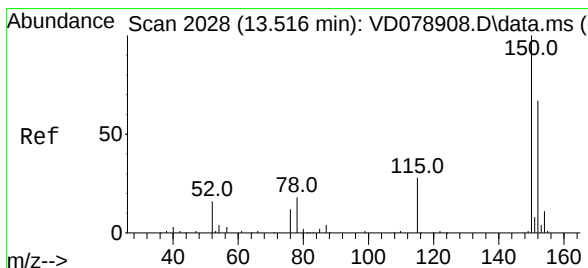
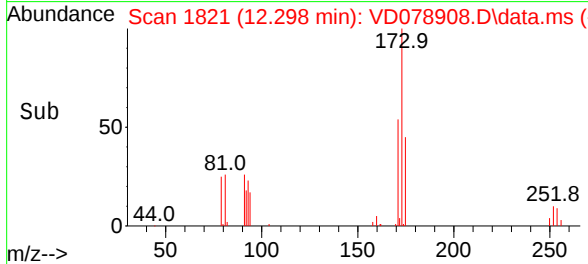
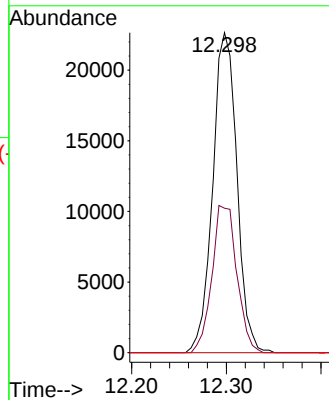
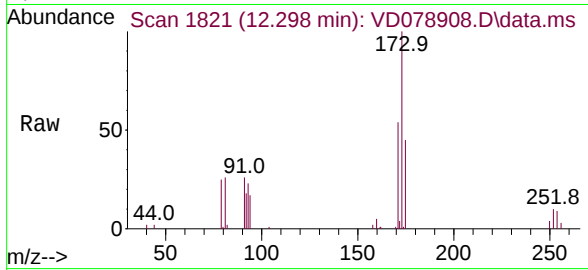




#71
Bromoform
Concen: 43.524 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

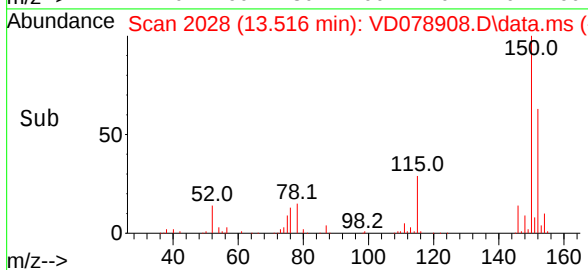
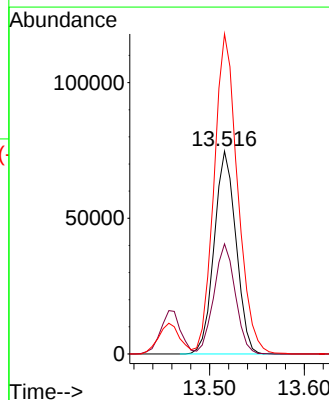
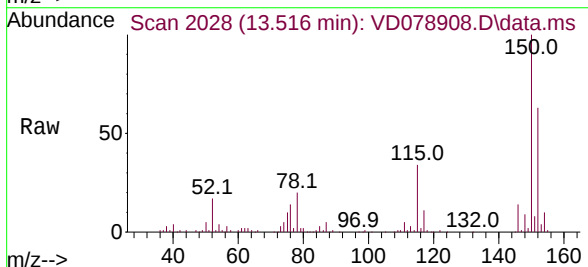
Instrument :
MSVOA_D
ClientSampleId :

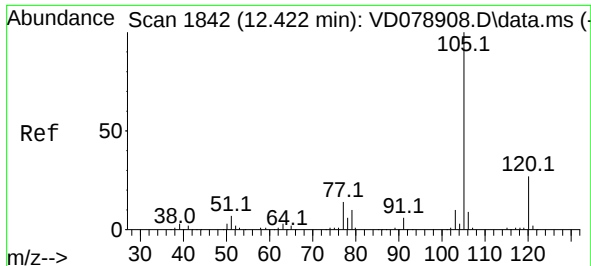
Tgt Ion:173 Resp: 40230
Ion Ratio Lower Upper
173 100
175 47.4 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion:152 Resp: 119769
Ion Ratio Lower Upper
152 100
115 53.0 26.5 79.5
150 170.8 0.0 341.6

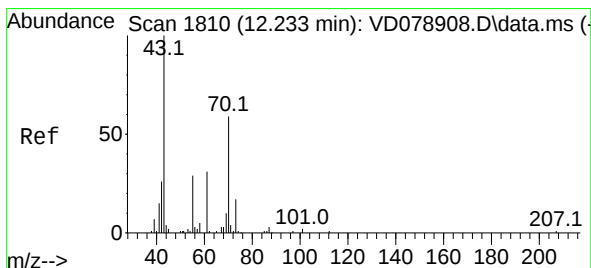
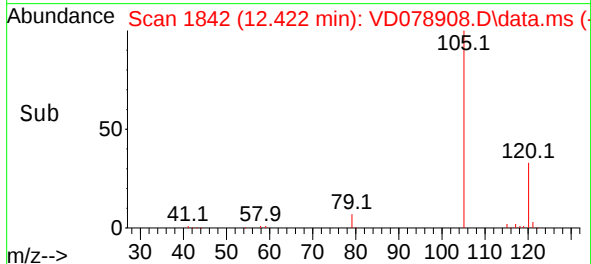
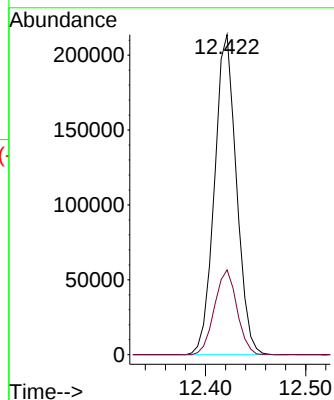
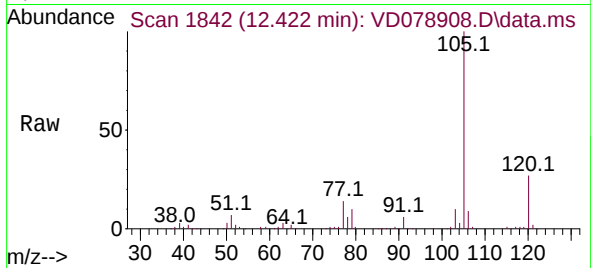




#73
Isopropylbenzene
Concen: 45.409 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

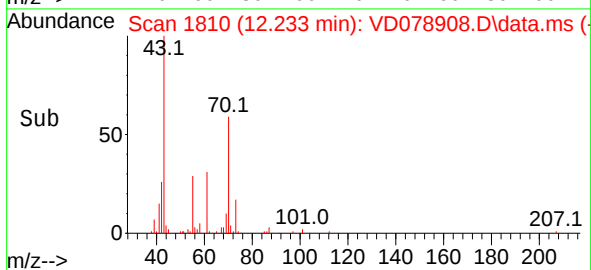
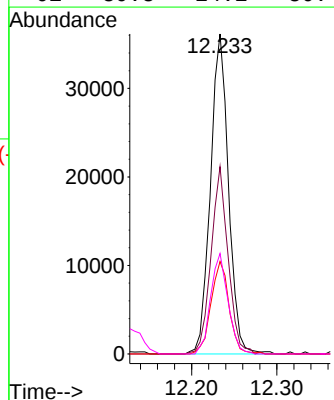
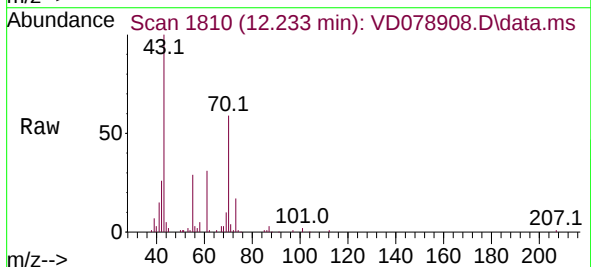
Instrument :
MSVOA_D
ClientSampleId :

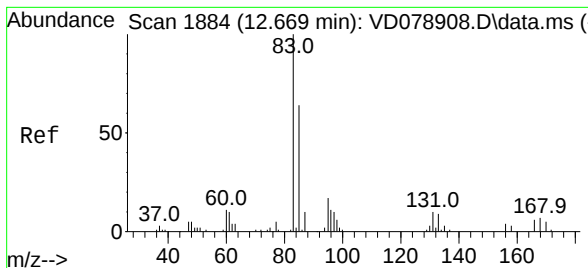
Tgt Ion:105 Resp: 324606
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.7



#74
N-ethyl acetate
Concen: 45.859 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion: 43 Resp: 53192
Ion Ratio Lower Upper
43 100
70 55.4 44.3 66.5
55 29.0 23.2 34.8
61 30.3 24.2 36.4

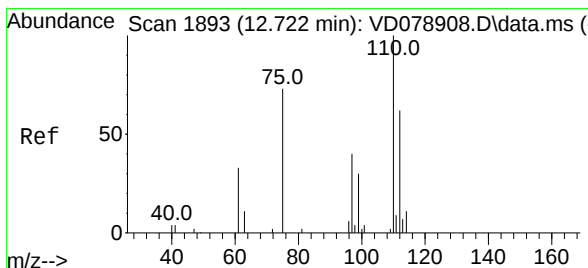
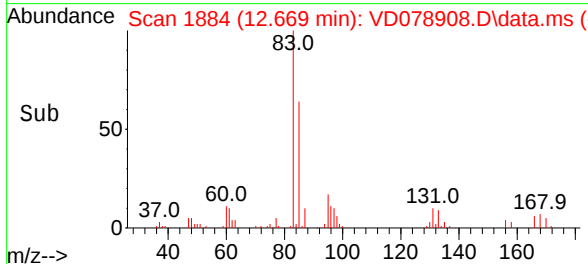
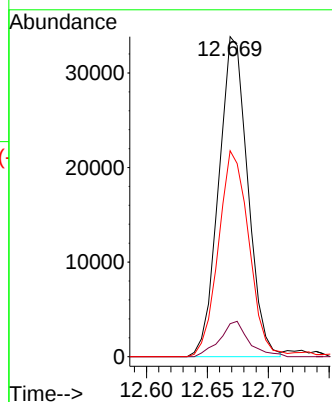
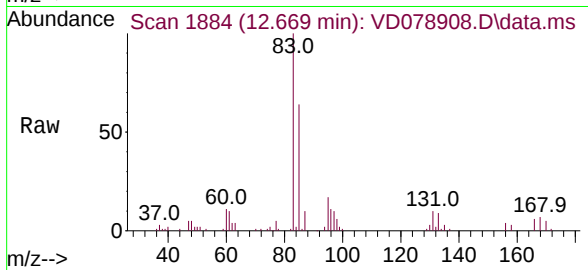




#75
1,1,2,2-Tetrachloroethane
Concen: 43.549 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

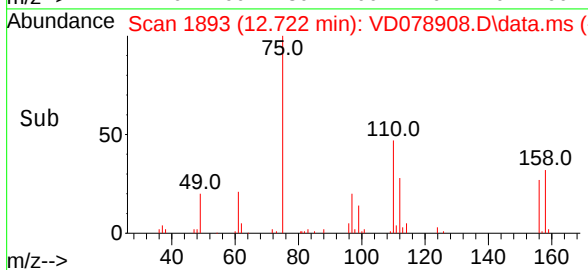
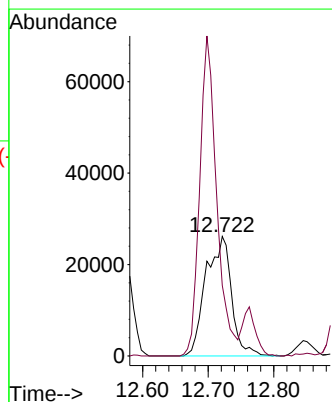
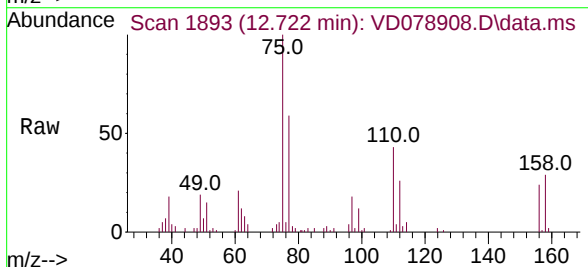
Instrument :
MSVOA_D
ClientSampleId :

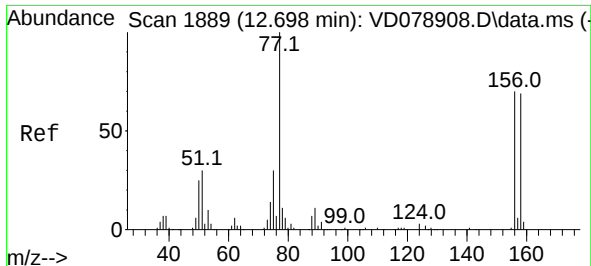
Tgt Ion: 83 Resp: 56153
Ion Ratio Lower Upper
83 100
131 11.0 5.5 16.5
85 67.5 33.8 101.3



#76
1,2,3-Trichloropropane
Concen: 83.425 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion: 75 Resp: 70860
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

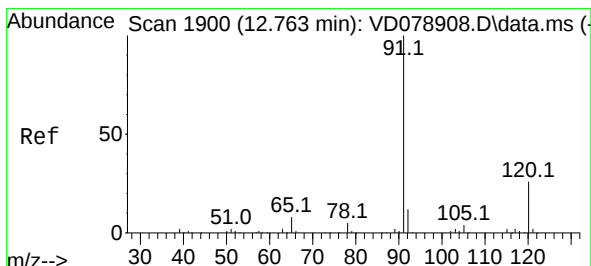
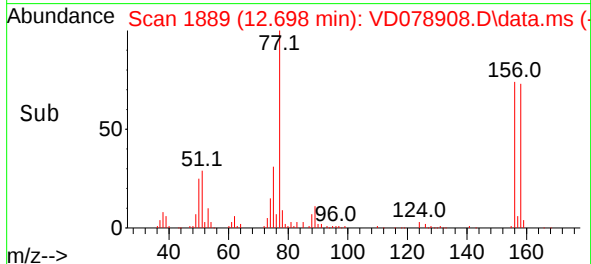
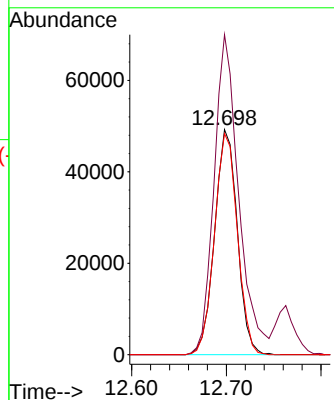
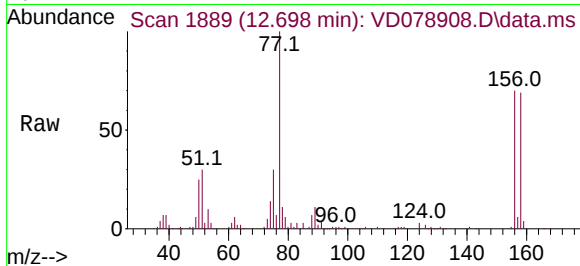




#77
Bromobenzene
Concen: 43.571 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

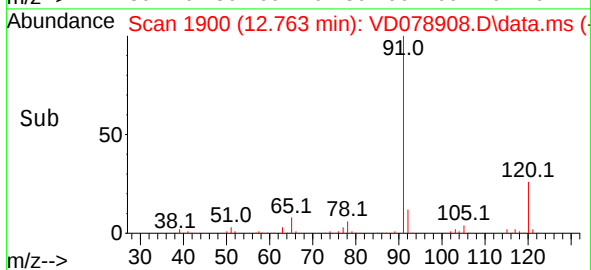
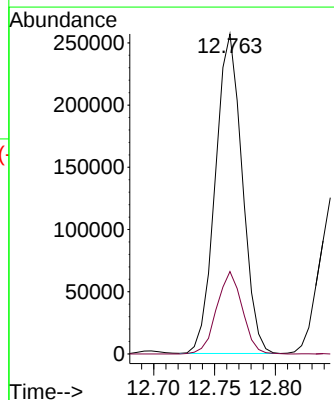
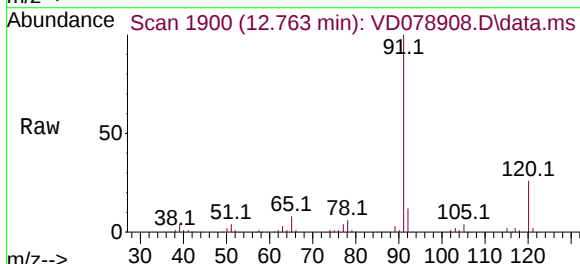
Instrument :
MSVOA_D
ClientSampleId :

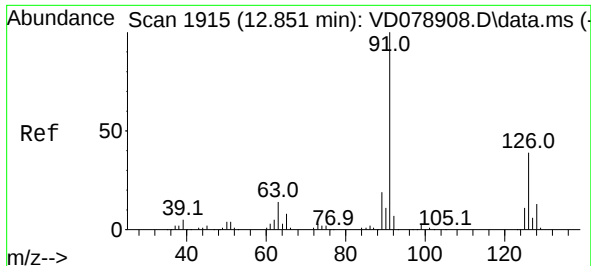
Tgt Ion:156 Resp: 81904
Ion Ratio Lower Upper
156 100
77 154.6 77.3 231.9
158 99.3 49.6 149.0



#78
n-propylbenzene
Concen: 45.644 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion: 91 Resp: 394369
Ion Ratio Lower Upper
91 100
120 24.5 12.3 36.8





#79

2-Chlorotoluene

Concen: 44.613 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

Instrument :

MSVOA_D

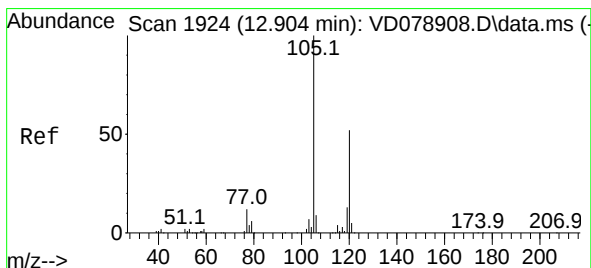
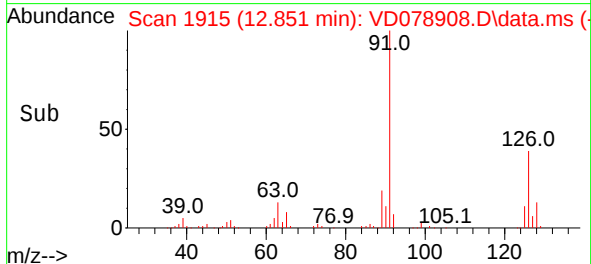
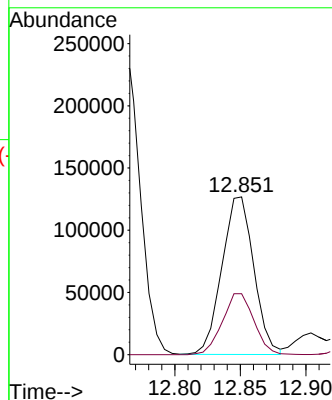
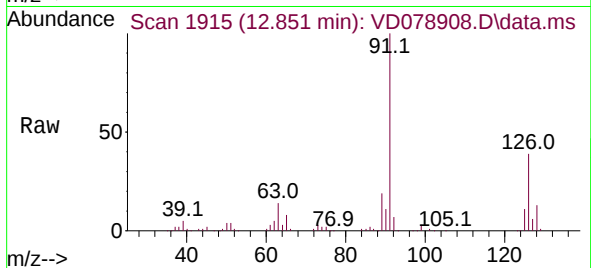
ClientSampleId :

Tgt Ion: 91 Resp: 214242

Ion Ratio Lower Upper

91 100

126 38.5 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 45.943 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078908.D

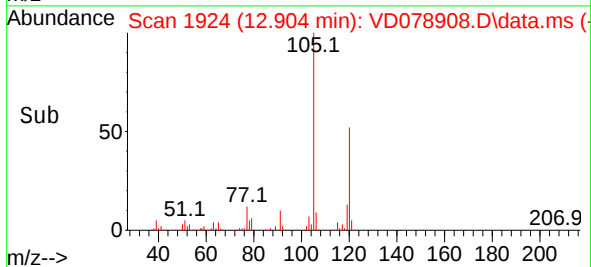
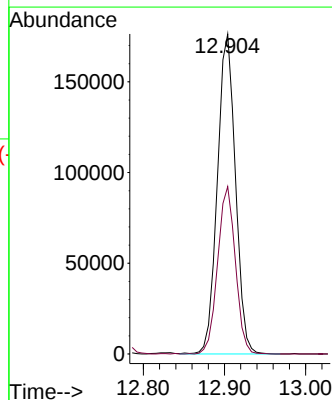
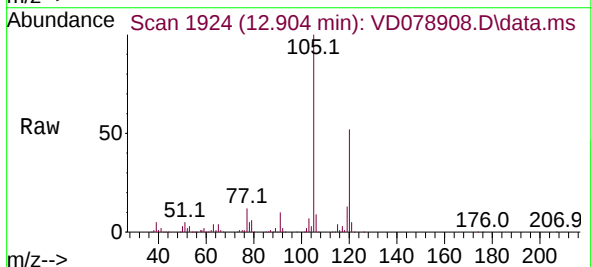
Acq: 13 May 2024 11:45

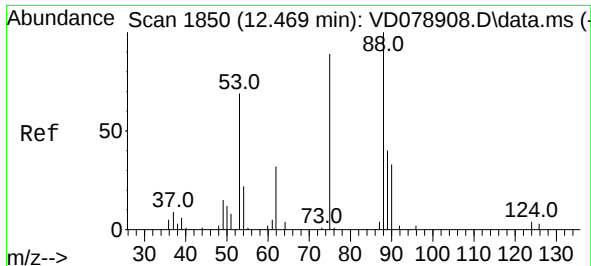
Tgt Ion:105 Resp: 272859

Ion Ratio Lower Upper

105 100

120 51.4 25.7 77.1

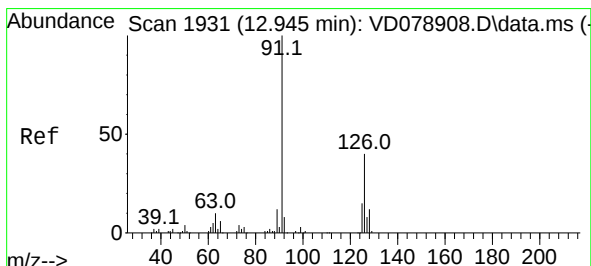
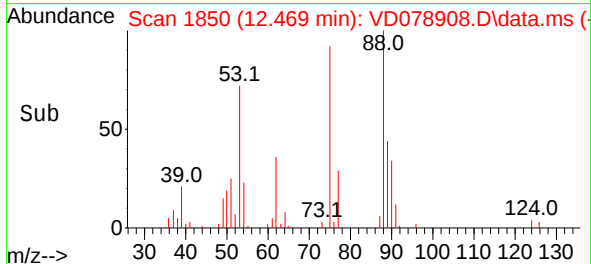
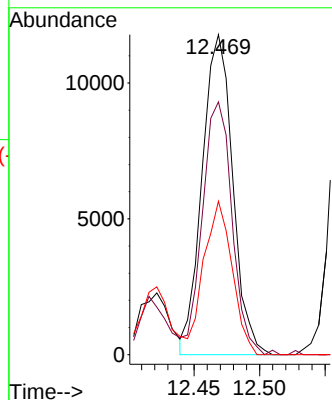
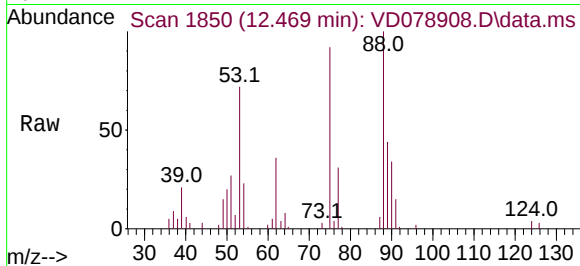




#81
trans-1,4-Dichloro-2-butene
Concen: 44.953 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

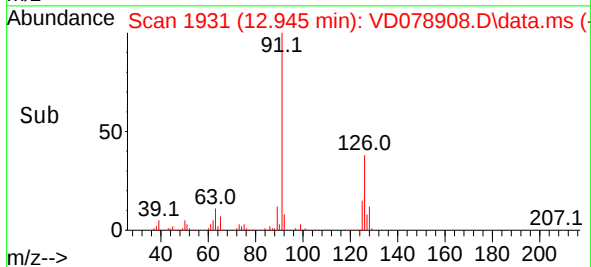
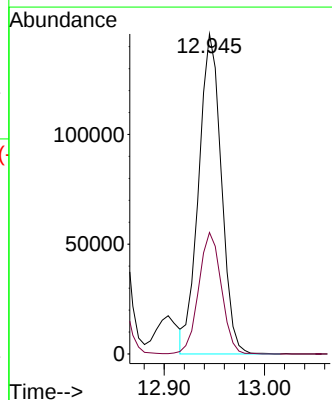
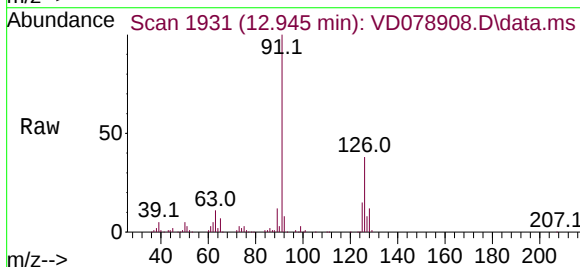
Instrument :
MSVOA_D
ClientSampleId :

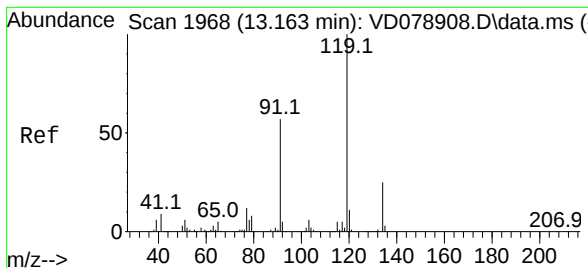
Tgt Ion: 75 Resp: 19114
Ion Ratio Lower Upper
75 100
53 76.8 61.4 92.2
89 44.2 35.4 53.0



#82
4-Chlorotoluene
Concen: 45.476 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion: 91 Resp: 229111
Ion Ratio Lower Upper
91 100
126 37.9 18.9 56.9





#83

tert-Butylbenzene

Concen: 46.430 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

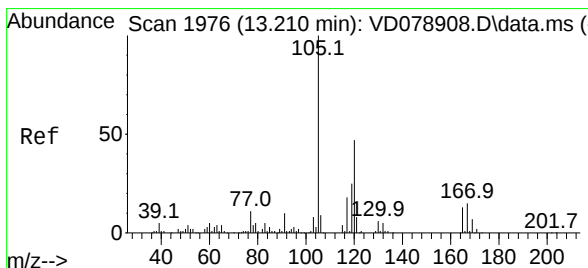
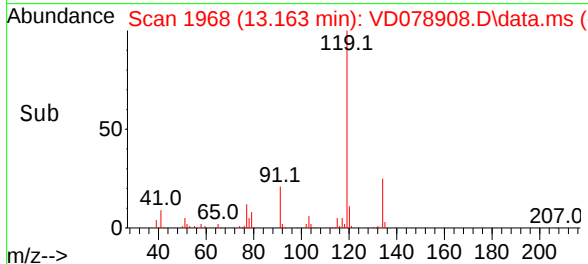
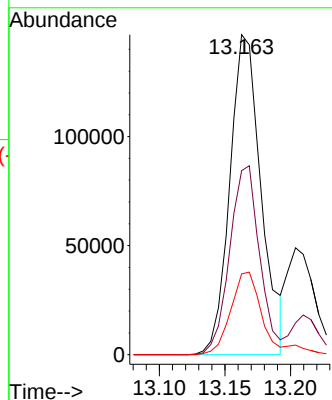
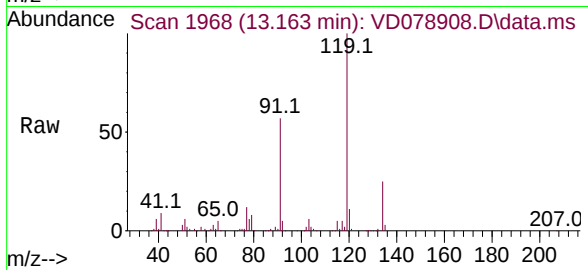
Tgt Ion:119 Resp: 243871

Ion Ratio Lower Upper

119 100

91 56.5 28.2 84.7

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 45.258 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078908.D

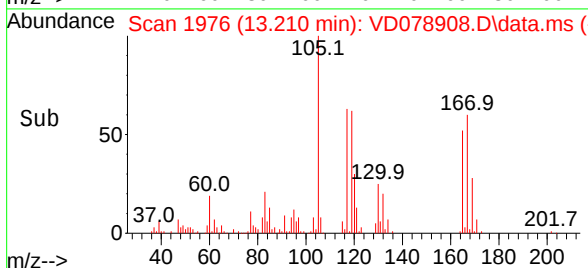
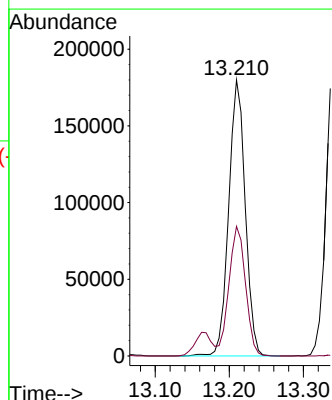
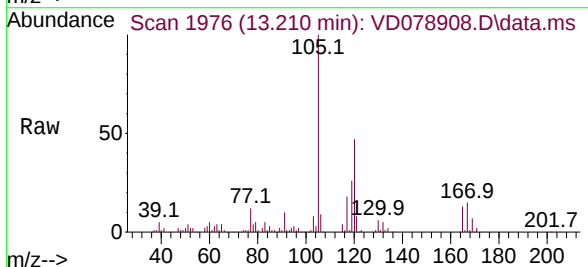
Acq: 13 May 2024 11:45

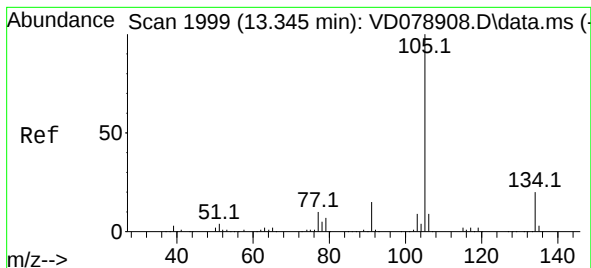
Tgt Ion:105 Resp: 278421

Ion Ratio Lower Upper

105 100

120 47.3 23.6 71.0





#85

sec-Butylbenzene

Concen: 45.509 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

Instrument :

MSVOA_D

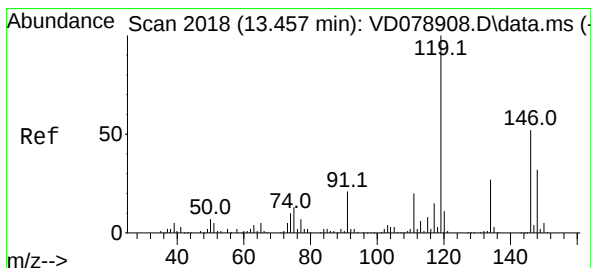
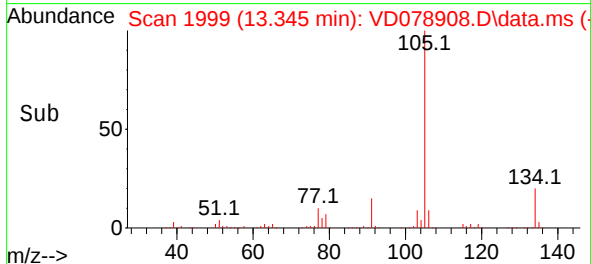
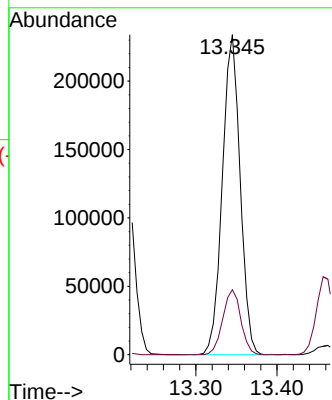
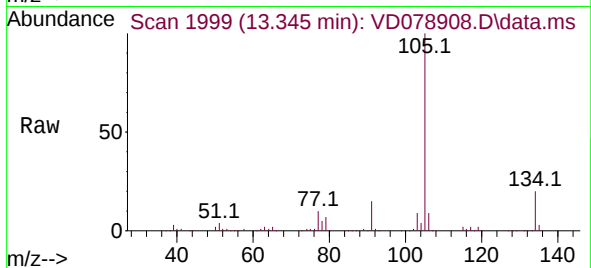
ClientSampleId :

Tgt Ion:105 Resp: 356566

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.8



#86

p-Isopropyltoluene

Concen: 45.055 ug/l

RT: 13.457 min Scan# 1818

Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

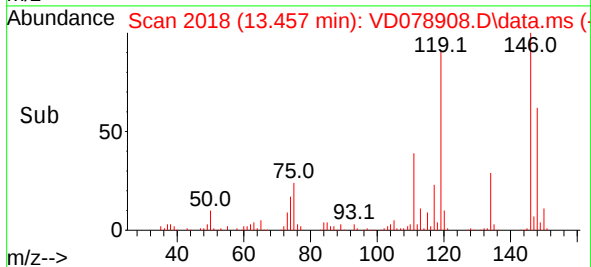
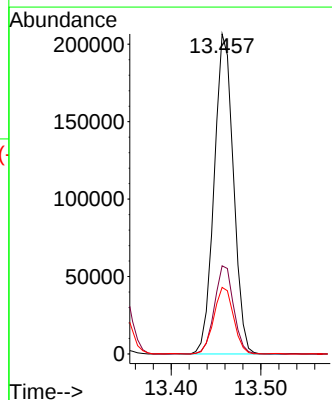
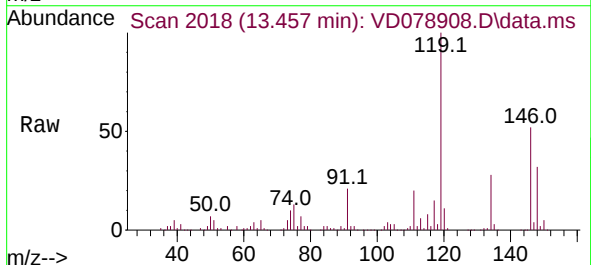
Tgt Ion:119 Resp: 307559

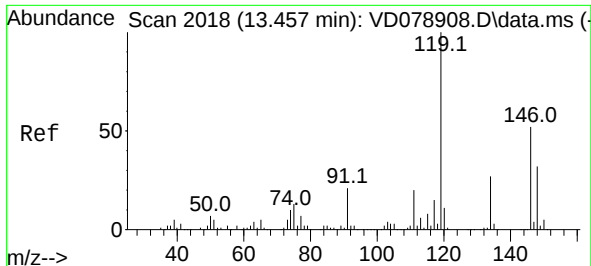
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 21.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 43.486 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

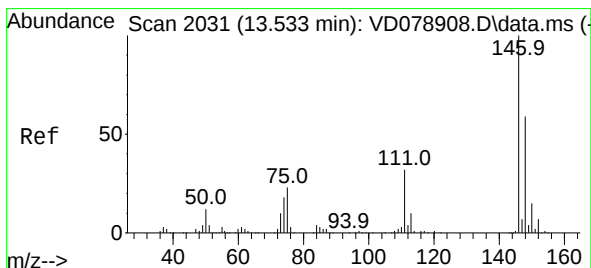
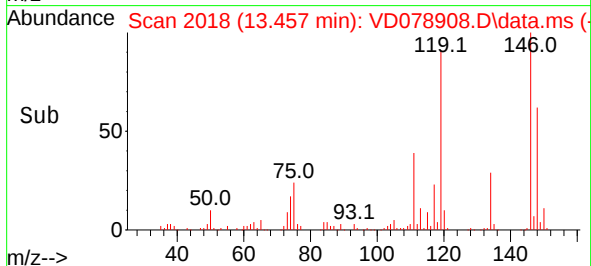
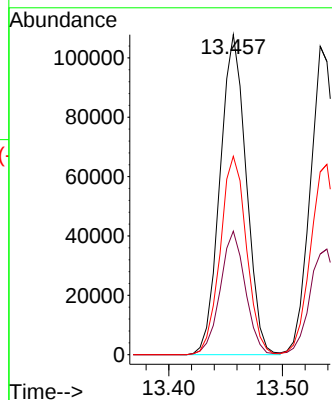
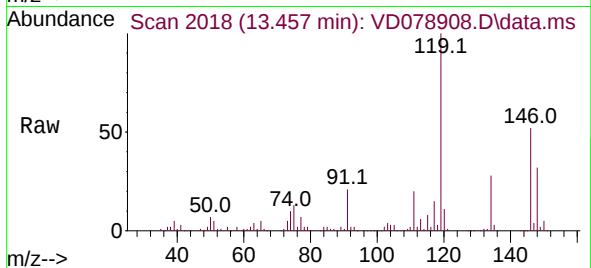
Tgt Ion:146 Resp: 172982

Ion Ratio Lower Upper

146 100

111 37.0 18.5 55.5

148 61.9 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 43.719 ug/l

RT: 13.533 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

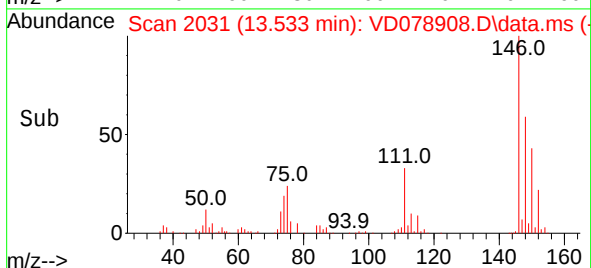
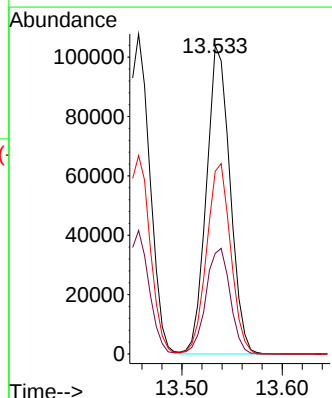
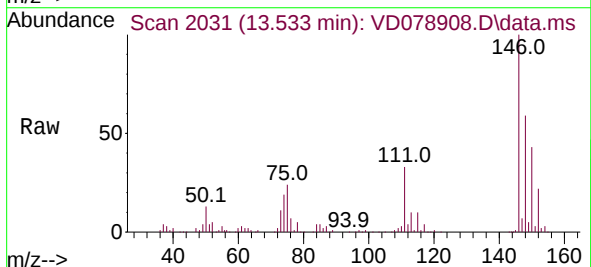
Tgt Ion:146 Resp: 170314

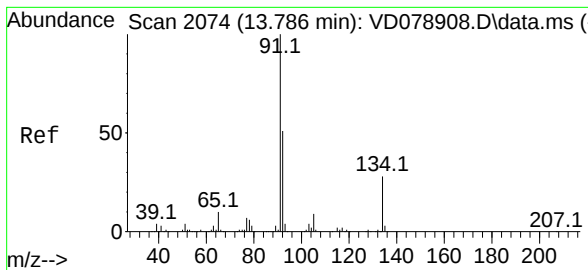
Ion Ratio Lower Upper

146 100

111 35.1 17.5 52.6

148 62.8 31.4 94.2

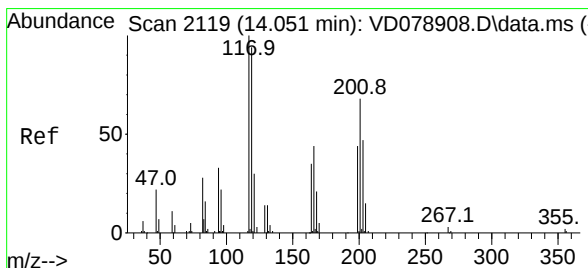
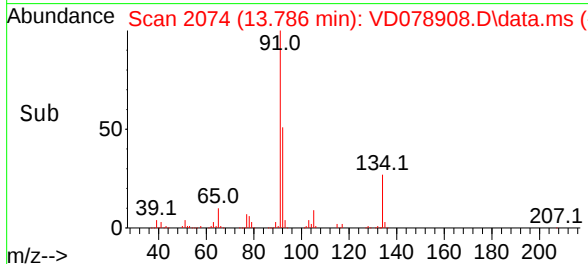
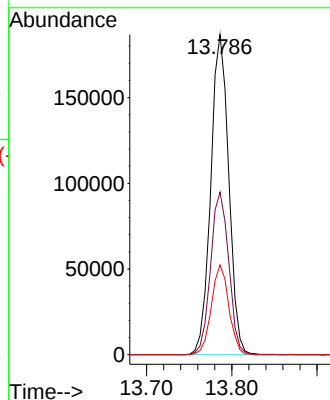
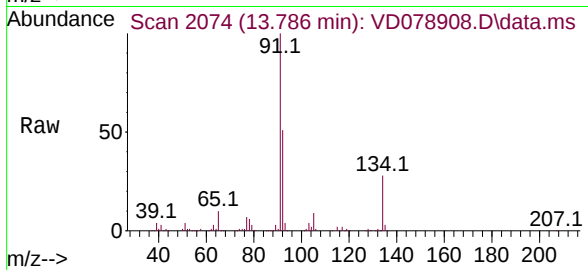




#89
n-Butylbenzene
Concen: 44.712 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

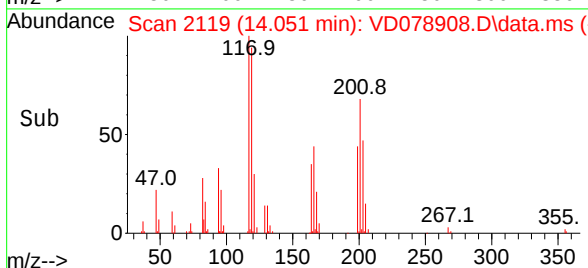
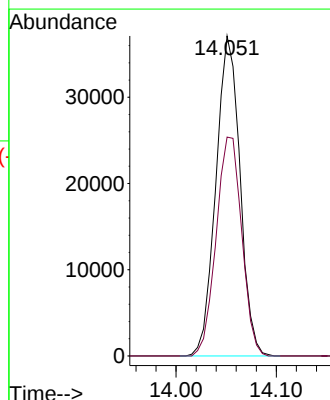
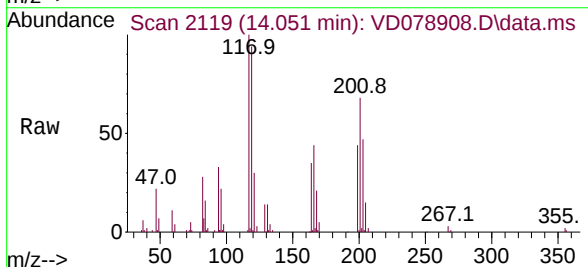
Instrument :
MSVOA_D
ClientSampleId :

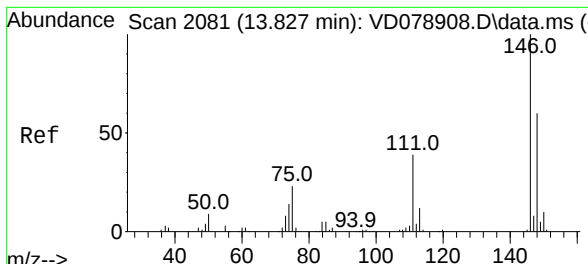
Tgt Ion: 91 Resp: 273496
Ion Ratio Lower Upper
91 100
92 51.3 25.7 77.0
134 27.2 13.6 40.8



#90
Hexachloroethane
Concen: 42.953 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

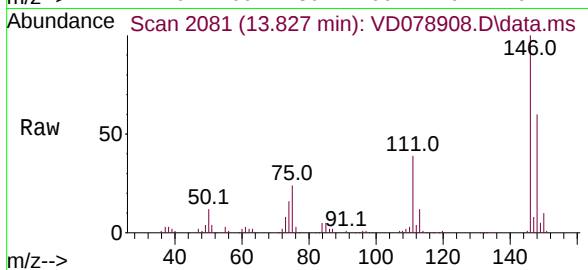
Tgt Ion: 117 Resp: 61848
Ion Ratio Lower Upper
117 100
201 72.6 36.3 108.9



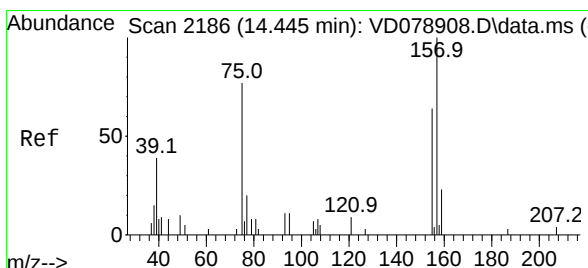
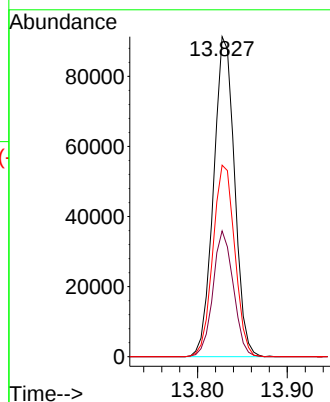
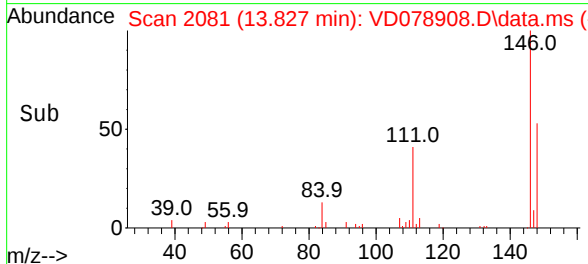


#91
 1,2-Dichlorobenzene
 Concen: 44.695 ug/l
 RT: 13.827 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VD078908.D
 Acq: 13 May 2024 11:45

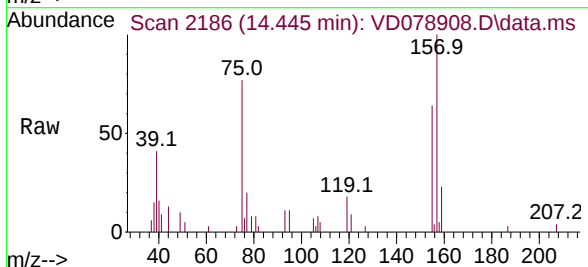
Instrument :
 MSVOA_D
 ClientSampleId :



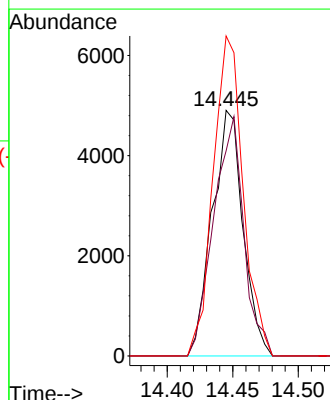
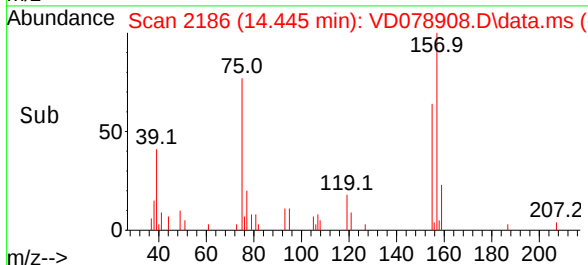
Tgt Ion:146 Resp: 148759
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.1
 148 62.3 31.1 93.5

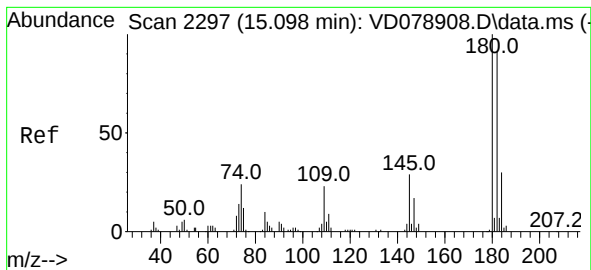


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.667 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD078908.D
 Acq: 13 May 2024 11:45



Tgt Ion: 75 Resp: 8011
 Ion Ratio Lower Upper
 75 100
 155 95.4 47.7 143.1
 157 126.8 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 44.251 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

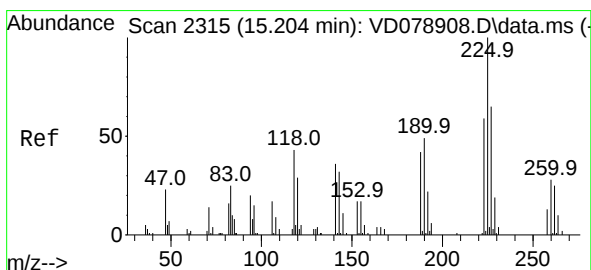
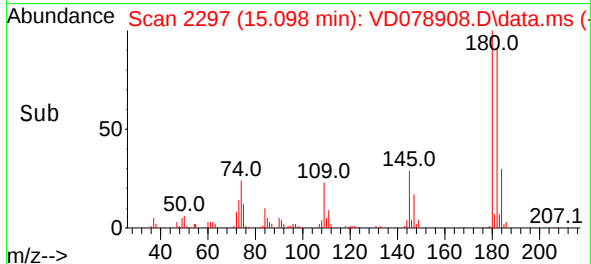
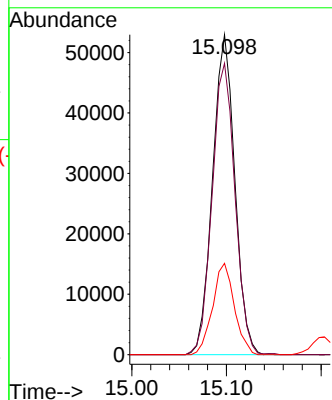
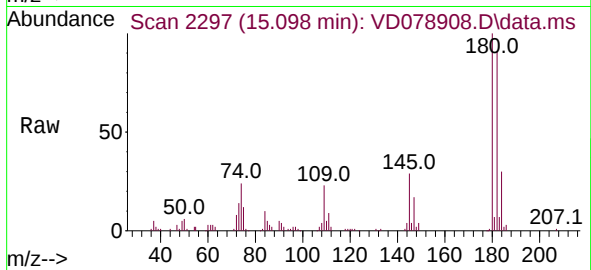
Tgt Ion:180 Resp: 86477

Ion Ratio Lower Upper

180 100

182 93.8 46.9 140.7

145 27.9 14.0 41.9



#94

Hexachlorobutadiene

Concen: 41.726 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078908.D

Acq: 13 May 2024 11:45

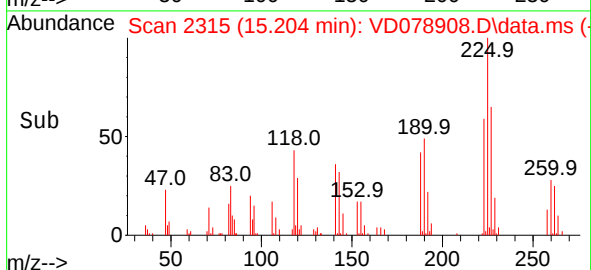
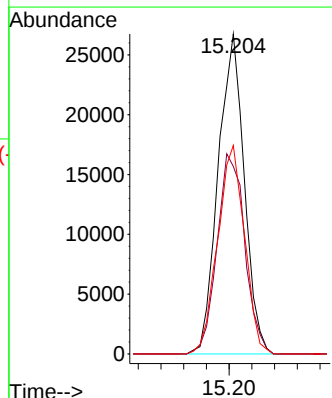
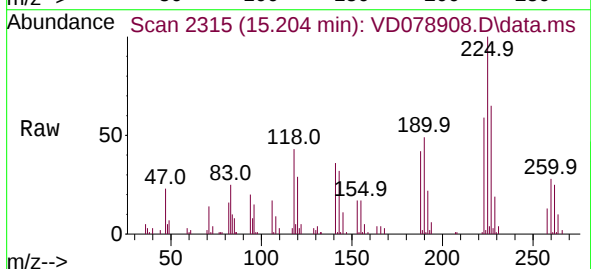
Tgt Ion:225 Resp: 42614

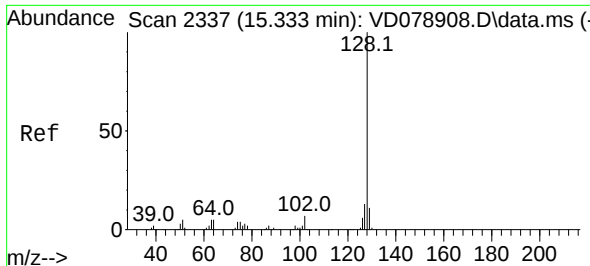
Ion Ratio Lower Upper

225 100

223 66.6 33.3 99.9

227 67.1 33.6 100.6

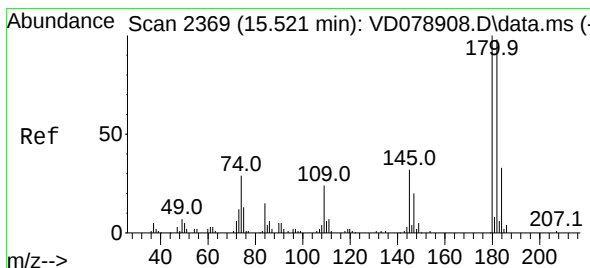
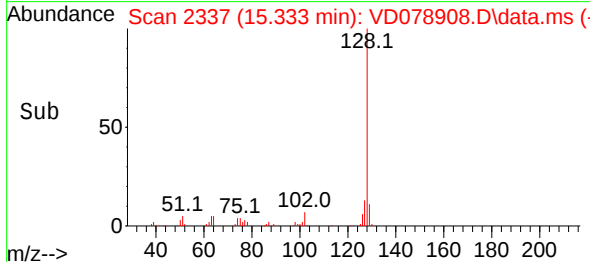
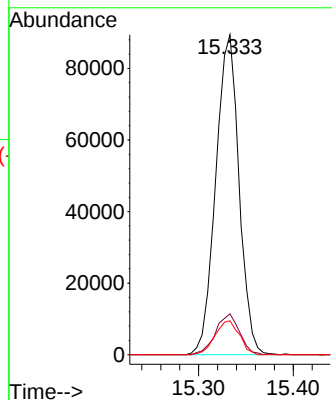
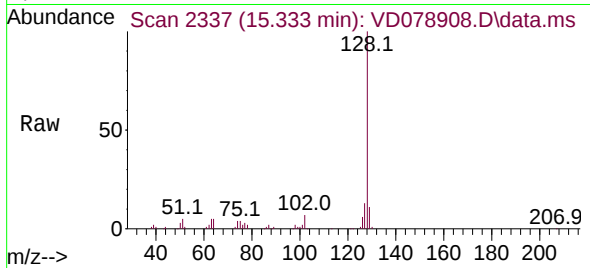




#95
Naphthalene
Concen: 45.922 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 152867
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 42.624 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078908.D
Acq: 13 May 2024 11:45

Tgt Ion:180 Resp: 74097
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.3
145 32.1 16.1 48.2

