

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051324\
 Data File : VD078906.D
 Acq On : 13 May 2024 10:50
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 14 06:07:01 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	117782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	200811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	186229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	94337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	12542	11.352	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	22.700%#		
35) Dibromofluoromethane	7.810	113	13968	10.449	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.900%#		
50) Toluene-d8	10.269	98	50771	10.132	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.260%#		
62) 4-Bromofluorobenzene	12.569	95	13760	9.774	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	19.540%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	12606	11.454	ug/l	92
3) Chloromethane	2.146	50	18726	10.241	ug/l	90
4) Vinyl Chloride	2.281	62	26905	10.770	ug/l	96
5) Bromomethane	2.693	94	26364	11.653	ug/l	96
6) Chloroethane	2.840	64	23363	11.090	ug/l	99
7) Trichlorofluoromethane	3.181	101	27903	12.097	ug/l	84
8) Diethyl Ether	3.593	74	7586	13.564	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.969	101	12310	10.106	ug/l	90
10) Methyl Iodide	4.164	142	13306	9.143	ug/l	99
11) Tert butyl alcohol	5.058	59	2511	49.612	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	12269	10.290	ug/l #	82
13) Acrolein	3.793	56	6569	59.729	ug/l	86
14) Allyl chloride	4.564	41	11208	9.633	ug/l	98
15) Acrylonitrile	5.258	53	10045	47.037	ug/l #	84
16) Acetone	4.028	43	8053	45.715	ug/l #	79
17) Carbon Disulfide	4.275	76	40237	10.132	ug/l	96
18) Methyl Acetate	4.564	43	4224	10.414	ug/l	89
19) Methyl tert-butyl Ether	5.322	73	22128	9.525	ug/l #	83
20) Methylene Chloride	4.811	84	20450	9.908	ug/l	89
21) trans-1,2-Dichloroethene	5.311	96	13580	10.218	ug/l	95
22) Diisopropyl ether	6.216	45	25035	9.514	ug/l	95
23) Vinyl Acetate	6.158	43	71899	45.554	ug/l	98
24) 1,1-Dichloroethane	6.116	63	22136	10.611	ug/l	97
25) 2-Butanone	7.081	43	10936	46.417	ug/l #	76
26) 2,2-Dichloropropane	7.081	77	19282	10.518	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	15796	10.122	ug/l	99
28) Bromochloromethane	7.422	49	7265	10.443	ug/l #	91
29) Tetrahydrofuran	7.452	42	6308	46.290	ug/l	97
30) Chloroform	7.599	83	24434	10.341	ug/l	97
31) Cyclohexane	7.875	56	17766	11.007	ug/l #	86
32) 1,1,1-Trichloroethane	7.799	97	21745	10.747	ug/l	97
36) 1,1-Dichloropropene	8.005	75	16369	9.841	ug/l	96
37) Ethyl Acetate	7.169	43	5604	9.885	ug/l #	88
38) Carbon Tetrachloride	7.993	117	19585	10.061	ug/l	97
39) Methylcyclohexane	9.275	83	19266	9.532	ug/l	91
40) Benzene	8.252	78	53295	9.906	ug/l	98

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Quant Time: May 14 06:07:01 2024
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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)
41) Methacrylonitrile	7.405	41	2924	9.586	ug/l #	77
42) 1,2-Dichloroethane	8.328	62	12593	9.670	ug/l	97
43) Isopropyl Acetate	8.369	43	8807	8.756	ug/l #	88
44) Trichloroethene	9.028	130	14153	9.918	ug/l	94
45) 1,2-Dichloropropane	9.304	63	11750	9.938	ug/l #	85
46) Dibromomethane	9.399	93	7645	9.823	ug/l	93
47) Bromodichloromethane	9.587	83	18342	9.790	ug/l	95
48) Methyl methacrylate	9.387	41	4698	9.594	ug/l	88
49) 1,4-Dioxane	9.381	88	1230	179.657	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	24723	46.145	ug/l	91
52) Toluene	10.334	92	32058	9.309	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	14772	9.279	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	18326	9.590	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	10080	10.024	ug/l	93
56) Ethyl methacrylate	10.599	69	8306	8.029	ug/l #	92
57) 1,3-Dichloropropane	10.875	76	14707	9.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	18071	40.653	ug/l	99
59) 2-Hexanone	10.922	43	15571	41.755	ug/l	99
60) Dibromochloromethane	11.075	129	13222	9.646	ug/l	95
61) 1,2-Dibromoethane	11.181	107	8629	9.412	ug/l	87
64) Tetrachloroethene	10.810	164	12050	10.199	ug/l	92
65) Chlorobenzene	11.604	112	38044	9.821	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	12469	9.311	ug/l	95
67) Ethyl Benzene	11.681	91	56907	9.133	ug/l	93
68) m/p-Xylenes	11.793	106	45208	17.847	ug/l	92
69) o-Xylene	12.122	106	20739	8.980	ug/l	95
70) Styrene	12.140	104	34918	8.531	ug/l	98
71) Bromoform	12.298	173	7717	10.060	ug/l #	94
73) Isopropylbenzene	12.422	105	51398	9.128	ug/l	99
74) N-amyl acetate	12.234	43	8493	9.296	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	10050	9.895	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	11362	16.983	ug/l #	100
77) Bromobenzene	12.698	156	13831	9.341	ug/l	99
78) n-propylbenzene	12.763	91	63870	9.385	ug/l	99
79) 2-Chlorotoluene	12.851	91	36371	9.616	ug/l	98
80) 1,3,5-Trimethylbenzene	12.898	105	43659	9.333	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	2983	8.907	ug/l #	94
82) 4-Chlorotoluene	12.945	91	38338	9.661	ug/l	96
83) tert-Butylbenzene	13.163	119	37655	9.102	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	43418	8.960	ug/l	99
85) sec-Butylbenzene	13.345	105	57618	9.336	ug/l	100
86) p-Isopropyltoluene	13.463	119	47477	8.830	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	29513	9.419	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	30063	9.797	ug/l	97
89) n-Butylbenzene	13.787	91	44463	9.229	ug/l	97
90) Hexachloroethane	14.051	117	11585	10.215	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	25368	9.677	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1346	9.955	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	13887	9.022	ug/l	95
94) Hexachlorobutadiene	15.198	225	8191	10.182	ug/l	96
95) Naphthalene	15.334	128	22343	8.521	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.522	180	12434	9.081	ug/l	99

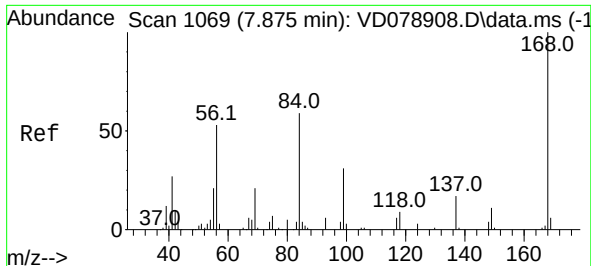
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051324\
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Quant Title : SW846 8260
QLast Update : Tue May 14 05:58:29 2024
Response via : Initial Calibration

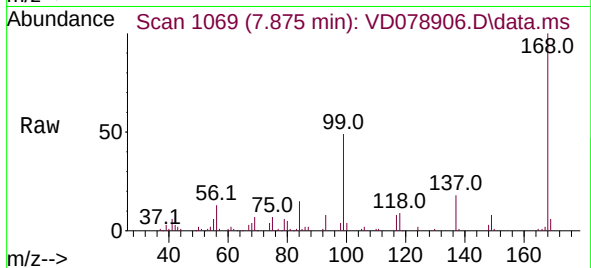
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

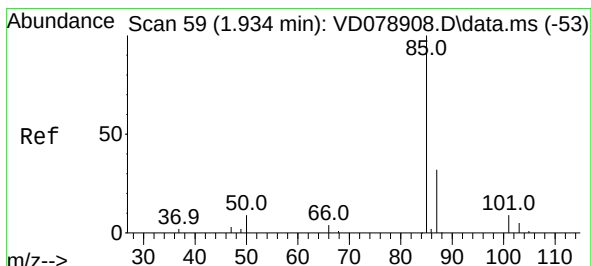
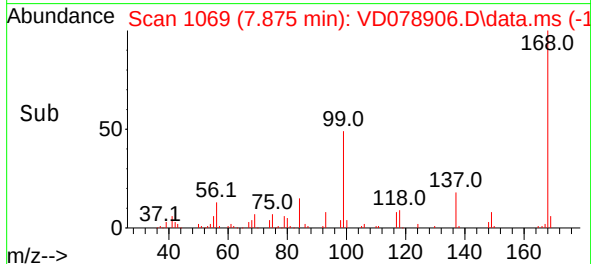
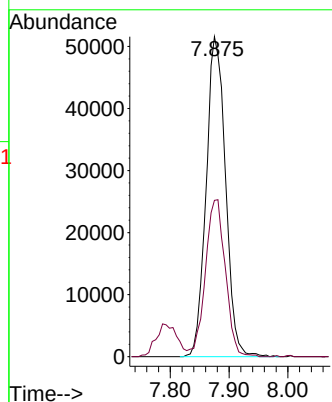


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Instrument :
MSVOA_D
ClientSampleId :

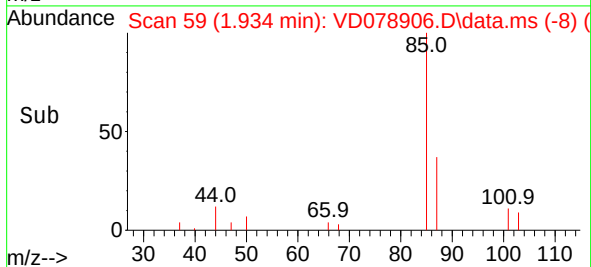
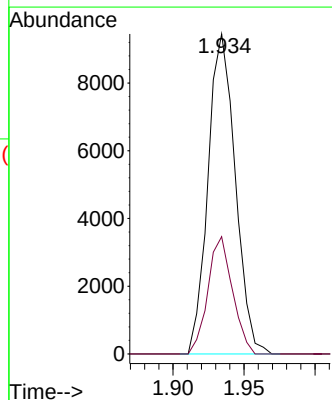
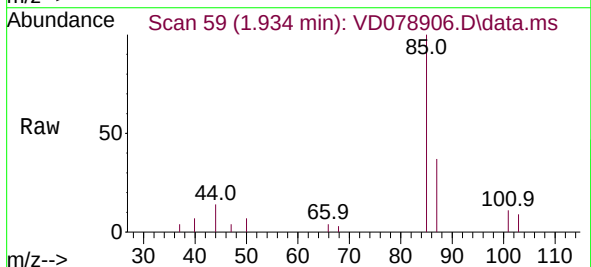


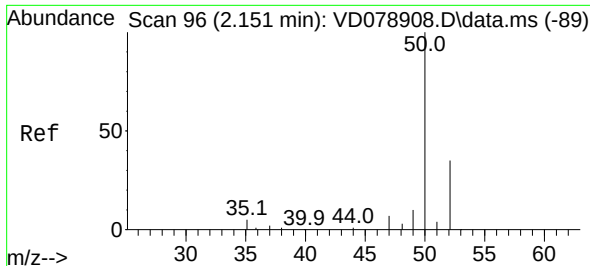
Tgt Ion:168 Resp: 117782
Ion Ratio Lower Upper
168 100
99 48.9 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 11.454 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

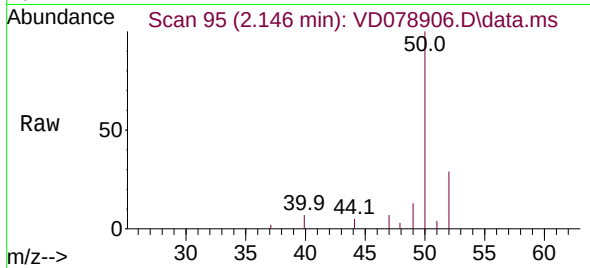
Tgt Ion: 85 Resp: 12606
Ion Ratio Lower Upper
85 100
87 36.6 16.0 48.0



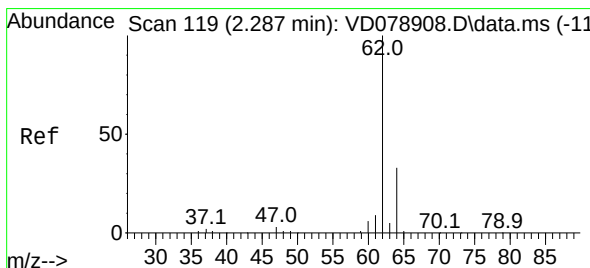
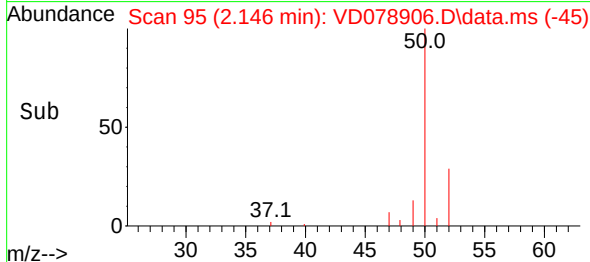
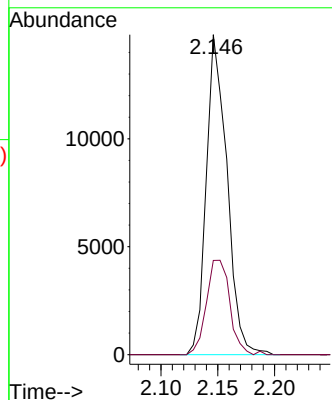


#3
Chloromethane
Concen: 10.241 ug/l
RT: 2.146 min Scan# 96
Delta R.T. -0.005 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Instrument :
MSVOA_D
ClientSampleId :

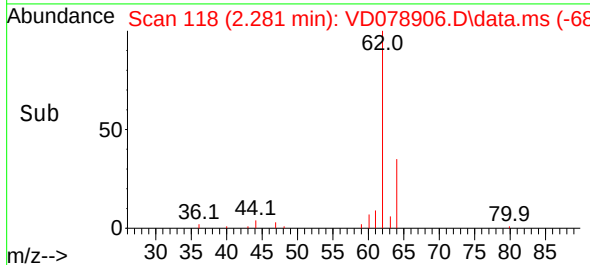
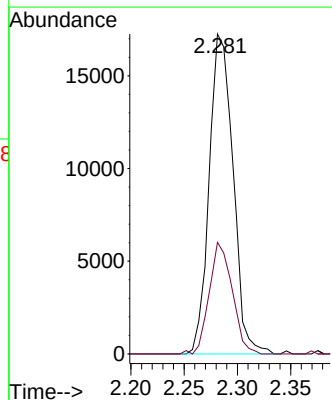
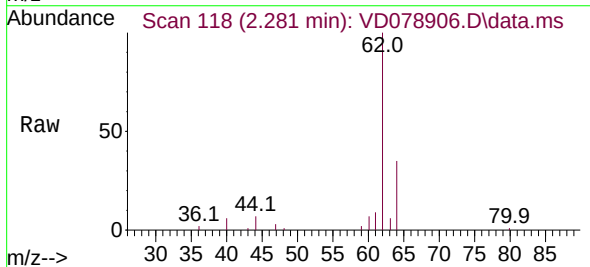


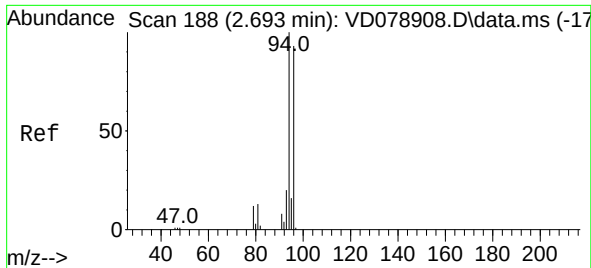
Tgt Ion: 50 Resp: 18726
Ion Ratio Lower Upper
50 100
52 29.4 28.2 42.2



#4
Vinyl Chloride
Concen: 10.770 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Tgt Ion: 62 Resp: 26905
Ion Ratio Lower Upper
62 100
64 34.9 26.3 39.5





#5

Bromomethane

Concen: 11.653 ug/l

RT: 2.693 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

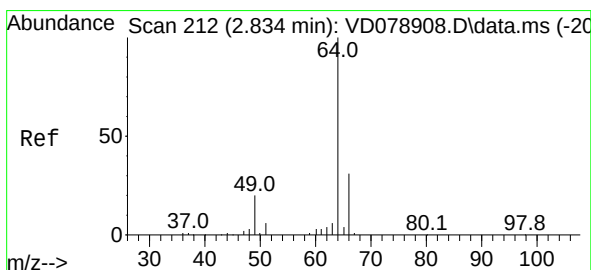
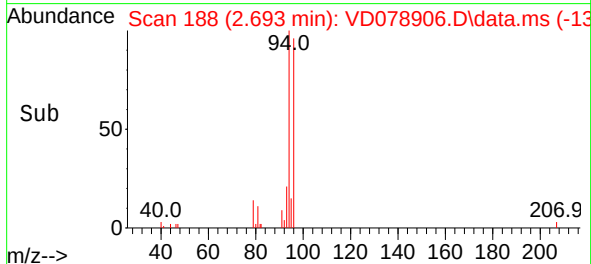
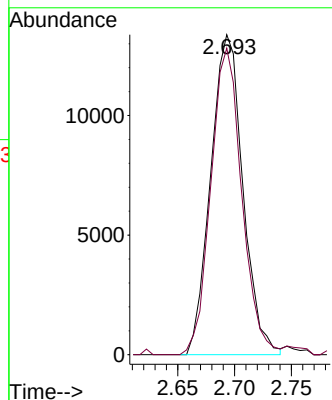
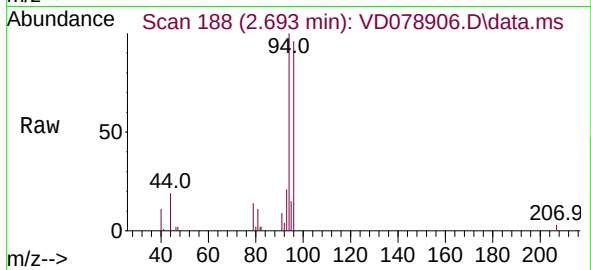
ClientSampleId :

Tgt Ion: 94 Resp: 26364

Ion Ratio Lower Upper

94 100

96 92.1 76.9 115.3



#6

Chloroethane

Concen: 11.090 ug/l

RT: 2.840 min Scan# 213

Delta R.T. 0.006 min

Lab File: VD078906.D

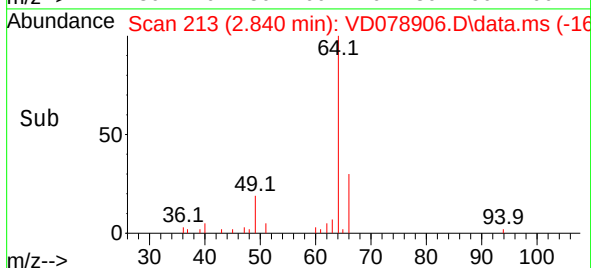
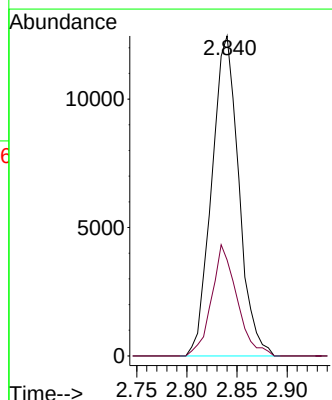
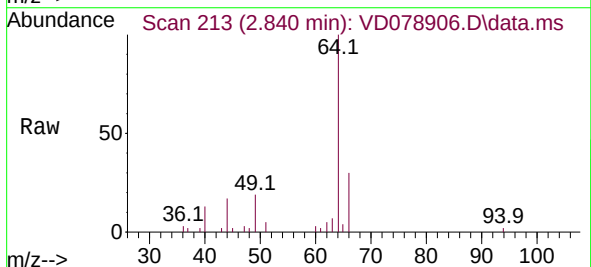
Acq: 13 May 2024 10:50

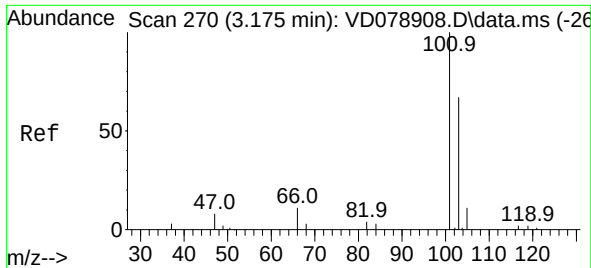
Tgt Ion: 64 Resp: 23363

Ion Ratio Lower Upper

64 100

66 30.0 24.5 36.7

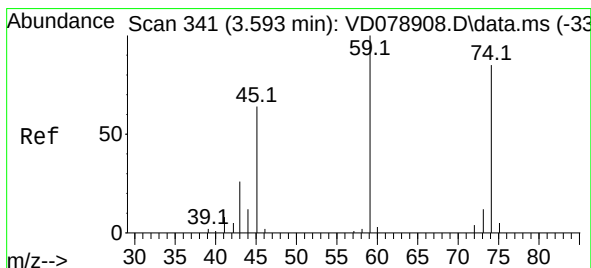
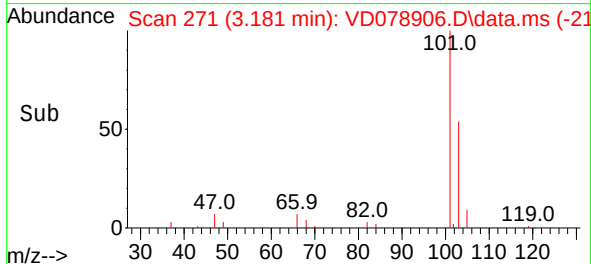
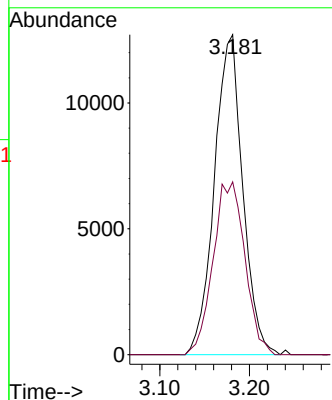
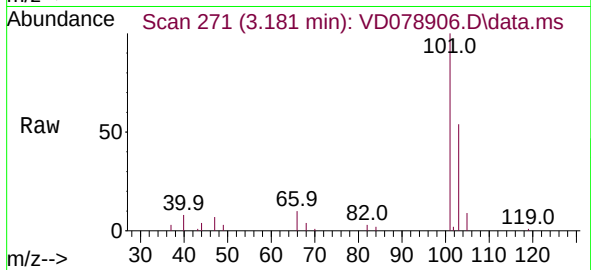




#7
Trichlorofluoromethane
Concen: 12.097 ug/l
RT: 3.181 min Scan# 270
Delta R.T. 0.006 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

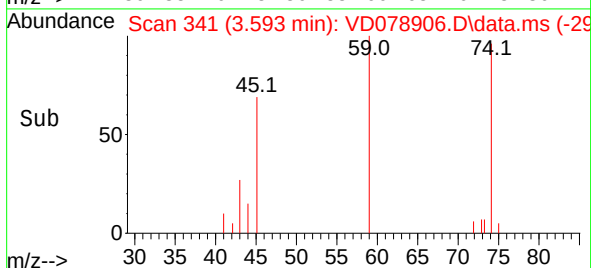
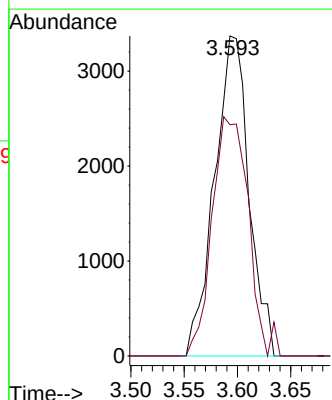
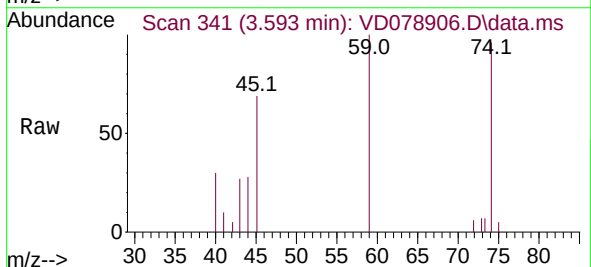
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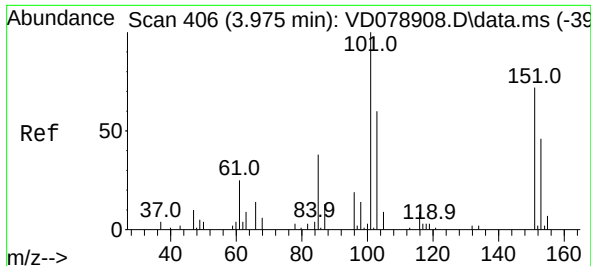
Tgt Ion:101 Resp: 27903
Ion Ratio Lower Upper
101 100
103 54.0 53.2 79.8



#8
Diethyl Ether
Concen: 13.564 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Tgt Ion: 74 Resp: 7586
Ion Ratio Lower Upper
74 100
45 78.6 37.9 113.6

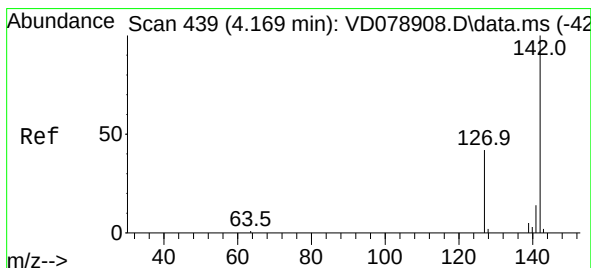
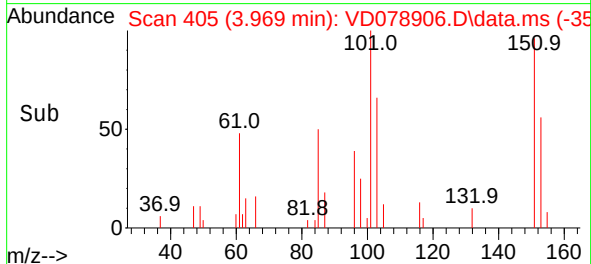
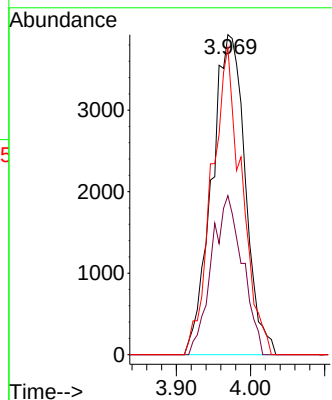
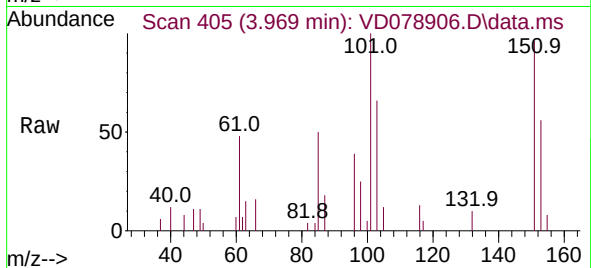




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.106 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.005 min
Lab File: VD078906.D
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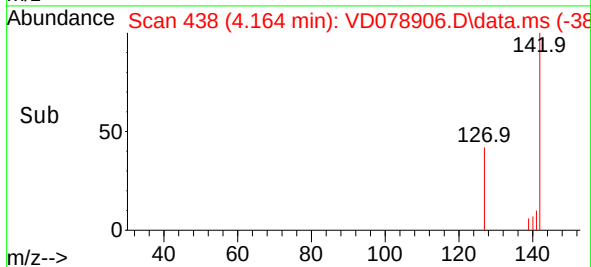
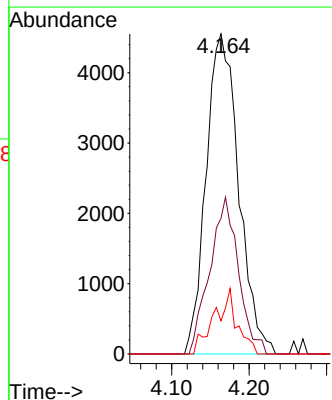
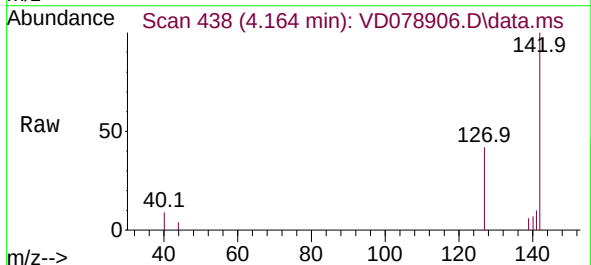
Instrument :
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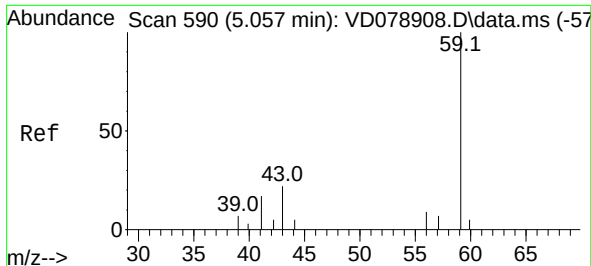
Tgt Ion:101	Resp:	12310
Ion	Ratio	Lower Upper
101	100	
85	46.1	33.5 50.3
151	86.1	60.3 90.5



#10
Methyl Iodide
Concen: 9.143 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Tgt Ion:142	Resp:	13306
Ion	Ratio	Lower Upper
142	100	
127	43.1	34.2 51.4
141	14.3	11.7 17.5





#11

Tert butyl alcohol

Concen: 49.612 ug/l

RT: 5.058 min Scan# 51

Delta R.T. 0.001 min

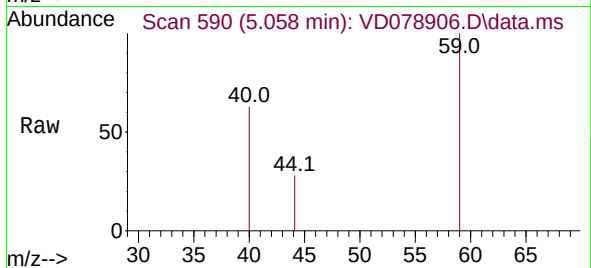
Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

ClientSampleId :

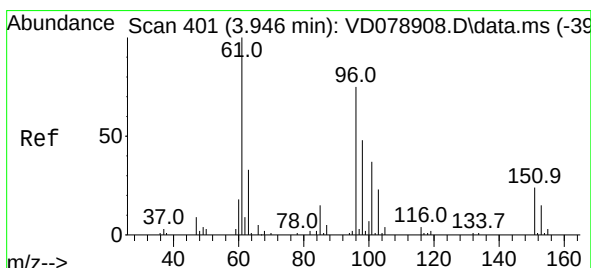
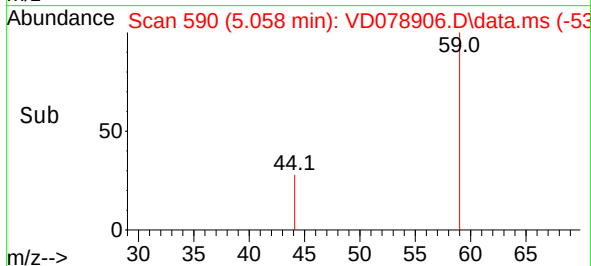
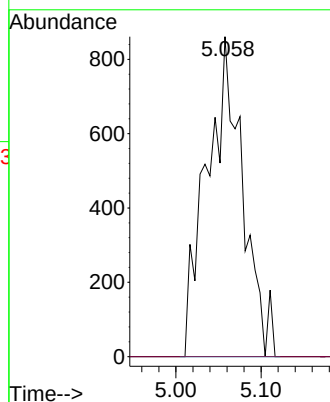


Tgt Ion: 59 Resp: 2511

Ion Ratio Lower Upper

59 100

57 0.0 3.6 5.4#



#12

1,1-Dichloroethene

Concen: 10.290 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.005 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

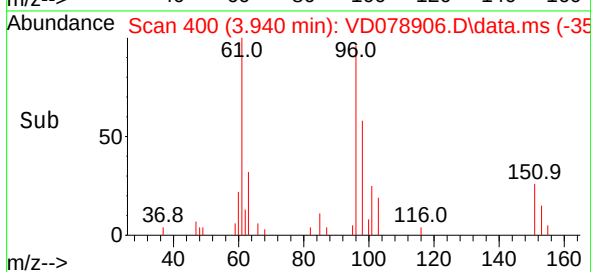
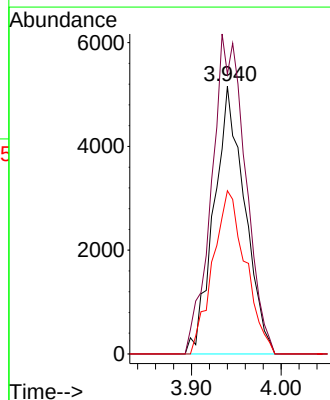
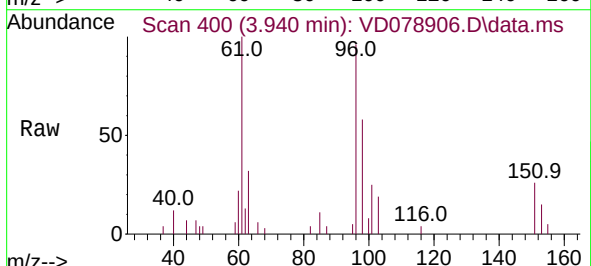
Tgt Ion: 96 Resp: 12269

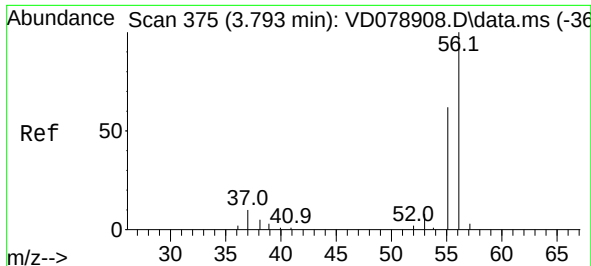
Ion Ratio Lower Upper

96 100

61 104.4 107.3 160.9#

98 60.9 51.7 77.5





#13

Acrolein

Concen: 59.729 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

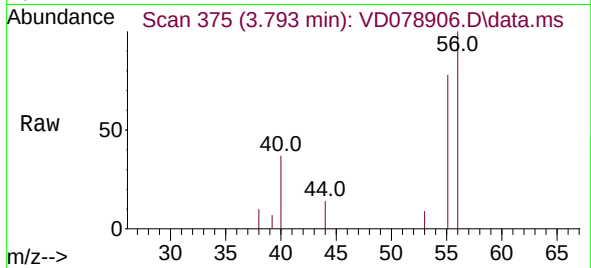
Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

ClientSampleId :

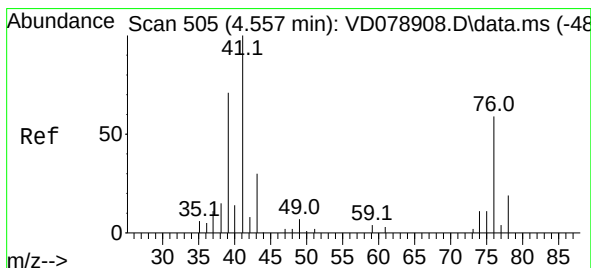
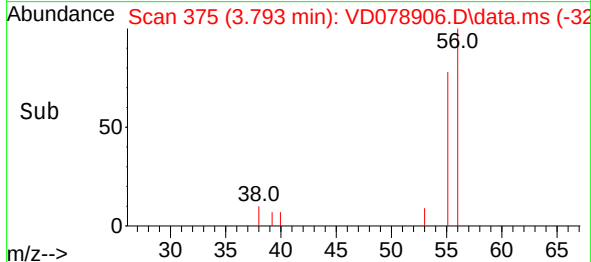
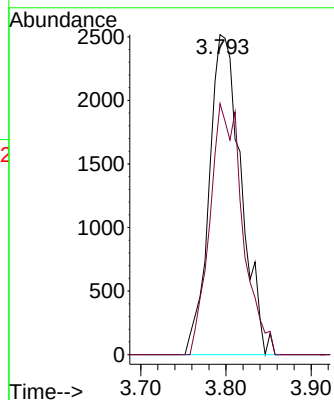


Tgt Ion: 56 Resp: 6569

Ion Ratio Lower Upper

56 100

55 80.4 55.3 82.9



#14

Allyl chloride

Concen: 9.633 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

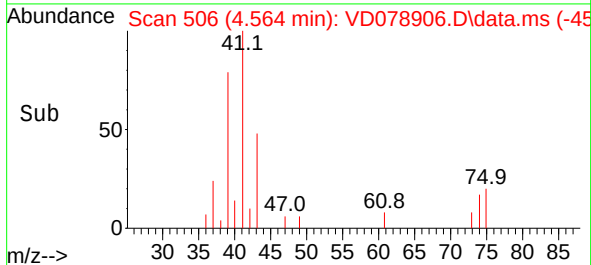
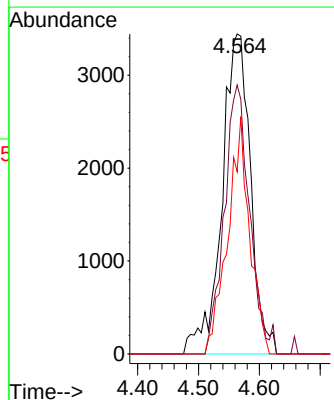
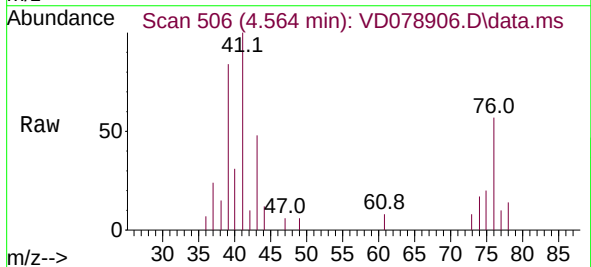
Tgt Ion: 41 Resp: 11208

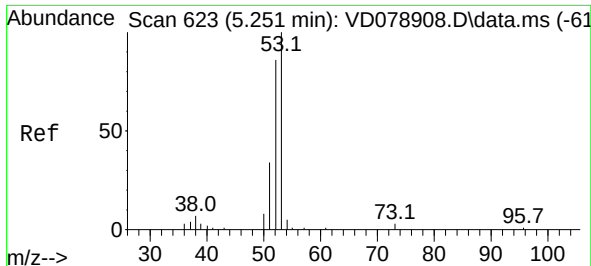
Ion Ratio Lower Upper

41 100

39 74.6 58.0 87.0

76 56.9 45.9 68.9





#15

Acrylonitrile

Concen: 47.037 ug/l

RT: 5.258 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD078906.D

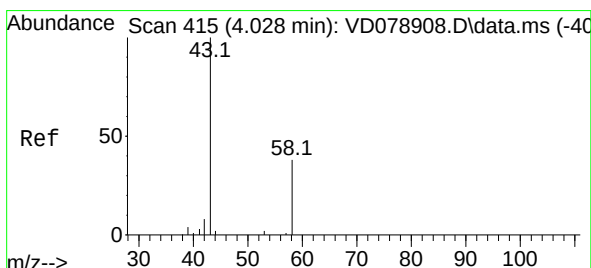
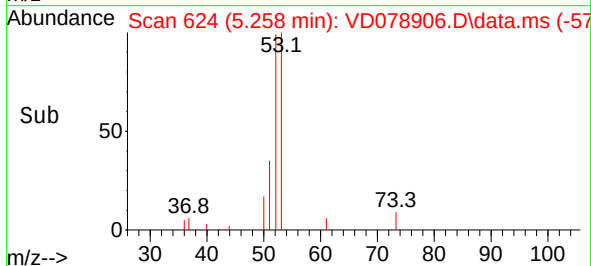
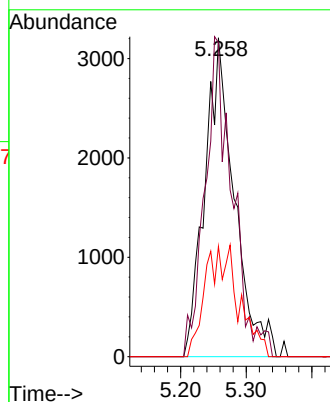
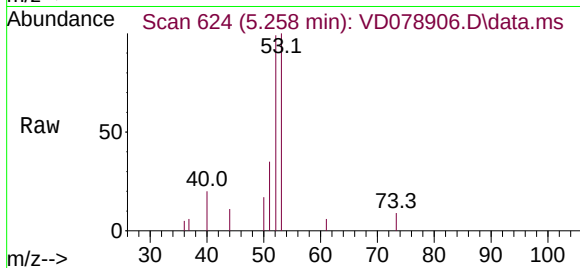
Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 53	Resp: 10045
Ion Ratio	Lower Upper
53	100
52	91.0 67.7 101.5
51	14.2 28.6 42.8#



#16

Acetone

Concen: 45.715 ug/l

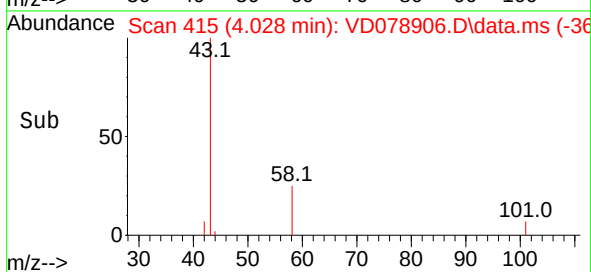
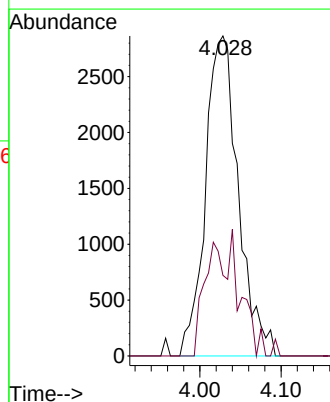
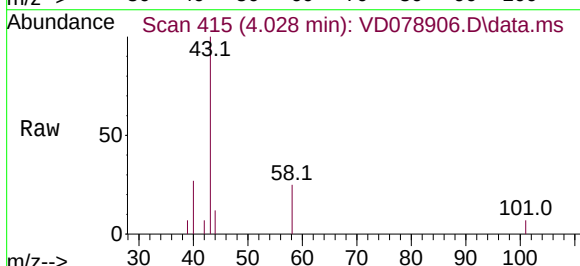
RT: 4.028 min Scan# 415

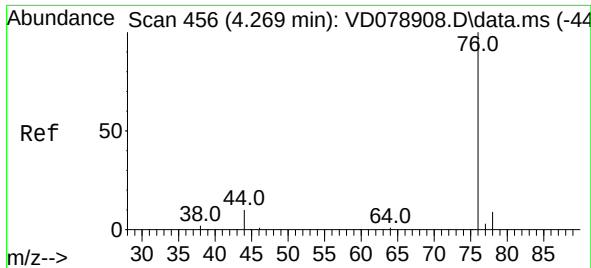
Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Tgt Ion: 43	Resp: 8053
Ion Ratio	Lower Upper
43	100
58	25.2 30.4 45.6#

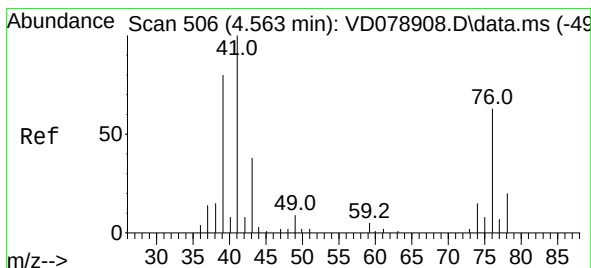
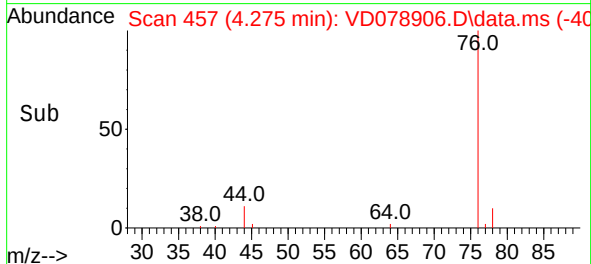
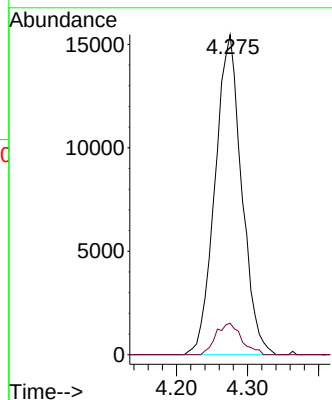
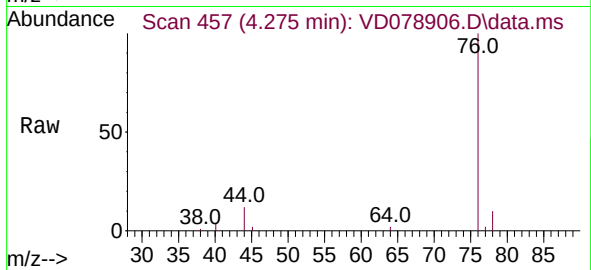




#17
Carbon Disulfide
Concen: 10.132 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

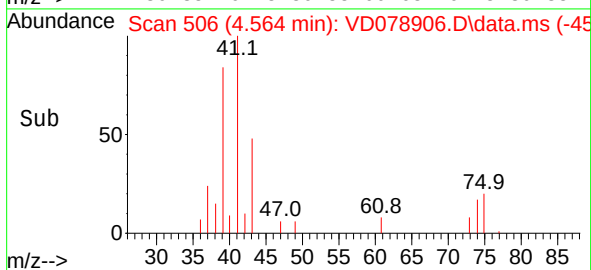
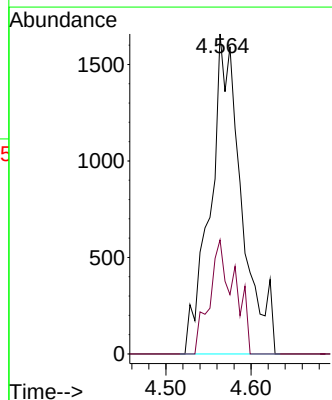
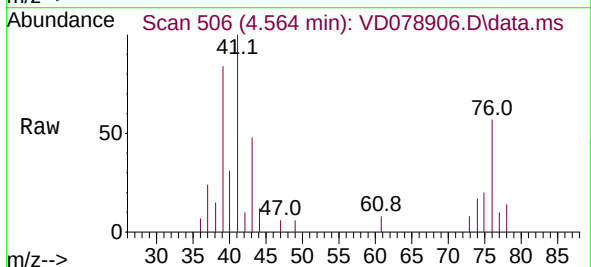
Instrument :
MSVOA_D
ClientSampleId :

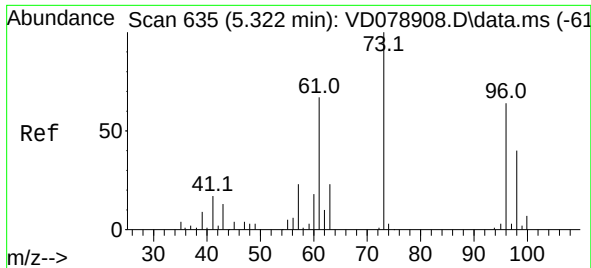
Tgt Ion: 76 Resp: 40237
Ion Ratio Lower Upper
76 100
78 9.9 6.9 10.3



#18
Methyl Acetate
Concen: 10.414 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

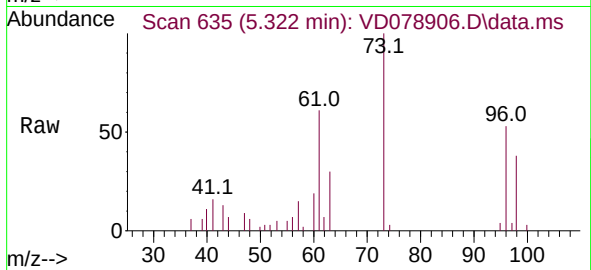
Tgt Ion: 43 Resp: 4224
Ion Ratio Lower Upper
43 100
74 28.7 28.1 42.1



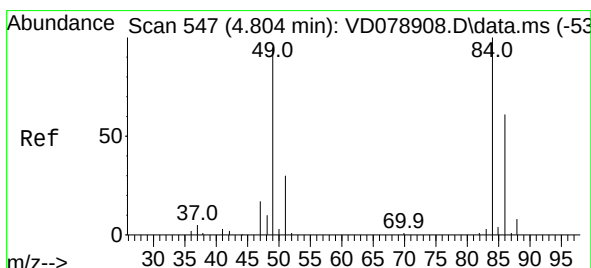
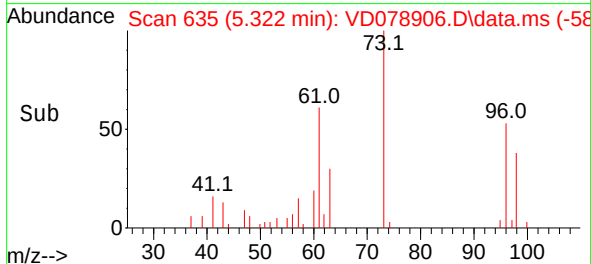
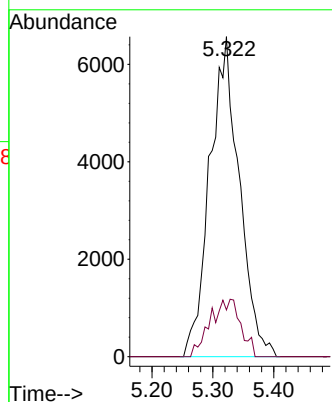


#19
Methyl tert-butyl Ether
Concen: 9.525 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Instrument :
MSVOA_D
ClientSampleId :

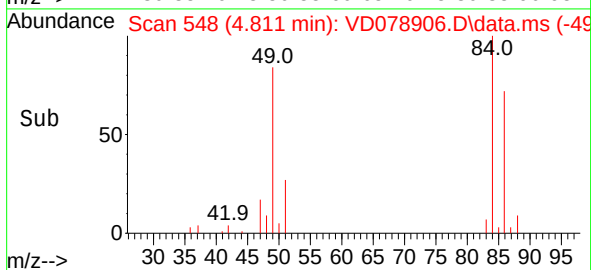
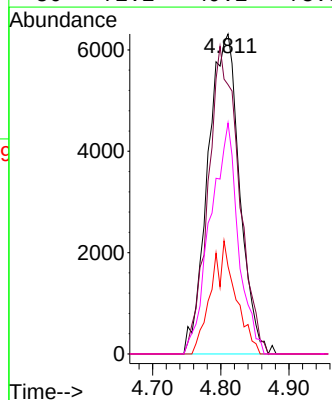
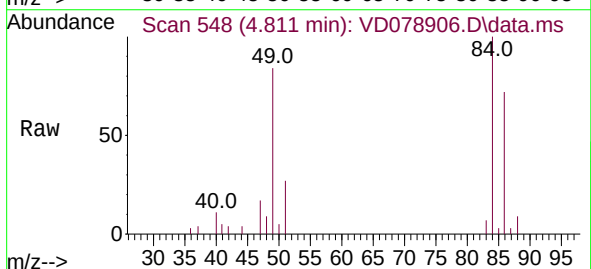


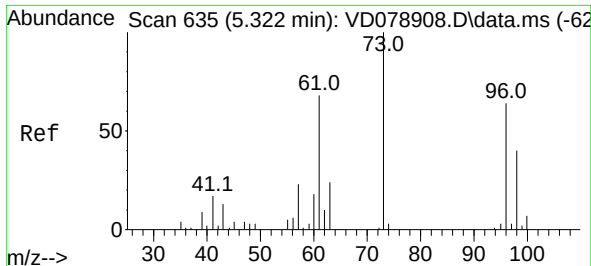
Tgt Ion: 73 Resp: 22128
Ion Ratio Lower Upper
73 100
57 14.6 18.3 27.5#



#20
Methylene Chloride
Concen: 9.908 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.007 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

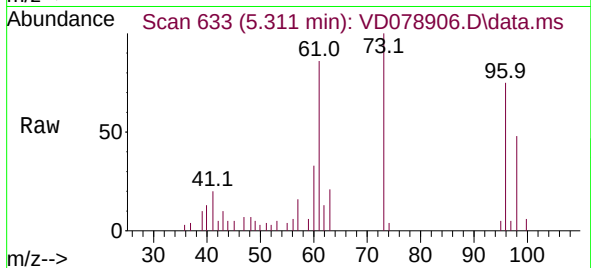
Tgt Ion: 84 Resp: 20450
Ion Ratio Lower Upper
84 100
49 84.1 75.6 113.4
51 27.4 24.2 36.2
86 72.2 49.2 73.8



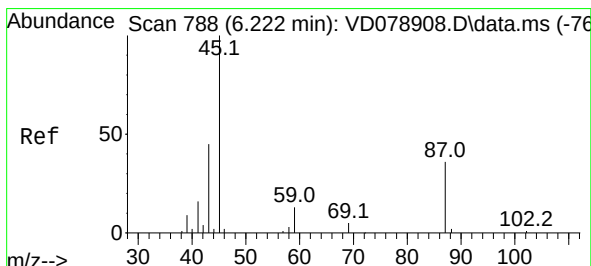
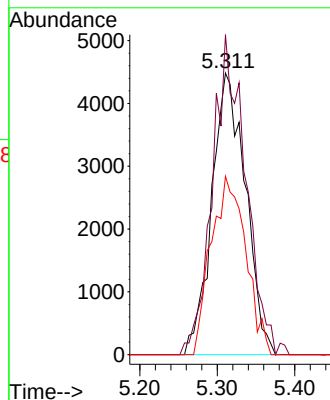
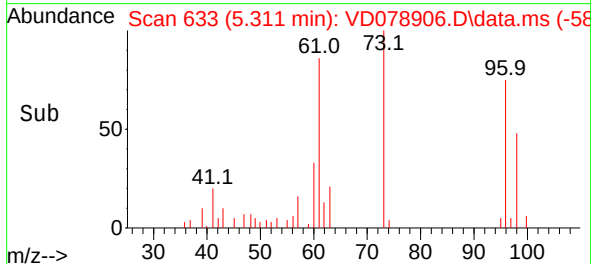


#21
trans-1,2-Dichloroethene
Concen: 10.218 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Instrument :
MSVOA_D
ClientSampleId :

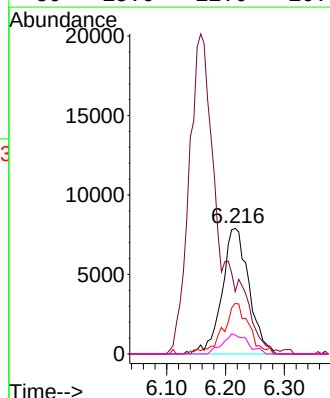
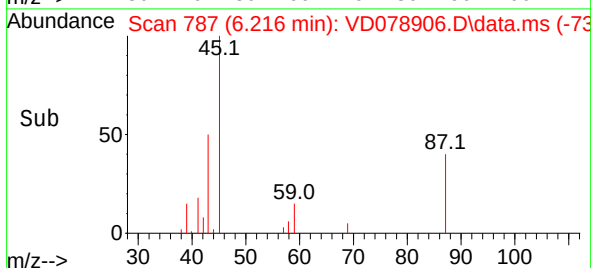
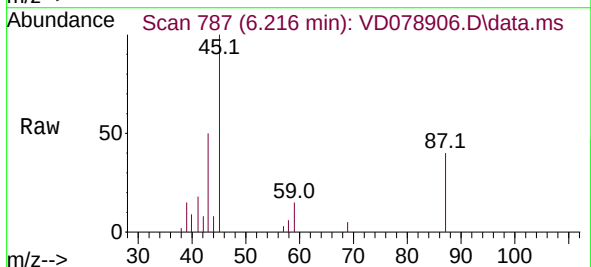


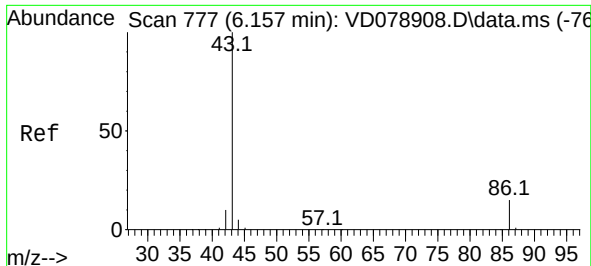
Tgt Ion: 96 Resp: 13580
Ion Ratio Lower Upper
96 100
61 113.7 84.5 126.7
98 63.4 50.5 75.7



#22
Diisopropyl ether
Concen: 9.514 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.005 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Tgt Ion: 45 Resp: 25035
Ion Ratio Lower Upper
45 100
43 47.7 41.7 62.5
87 40.3 30.2 45.2
59 15.0 11.0 16.6





#23

Vinyl Acetate

Concen: 45.554 ug/l

RT: 6.158 min Scan# 71

Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

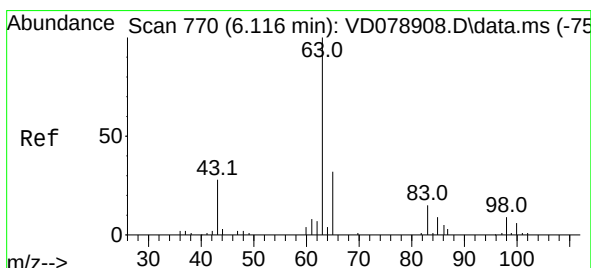
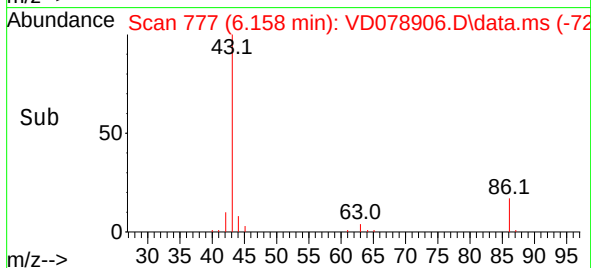
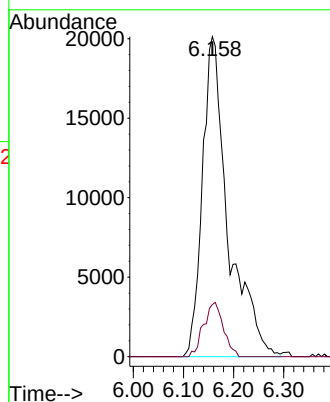
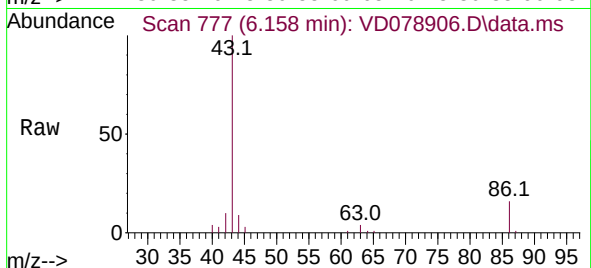
ClientSampleId :

Tgt Ion: 43 Resp: 71899

Ion Ratio Lower Upper

43 100

86 16.3 12.3 18.5



#24

1,1-Dichloroethane

Concen: 10.611 ug/l

RT: 6.116 min Scan# 770

Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

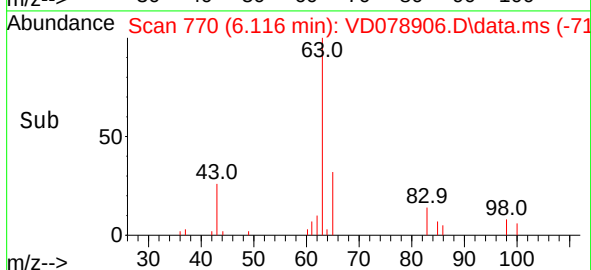
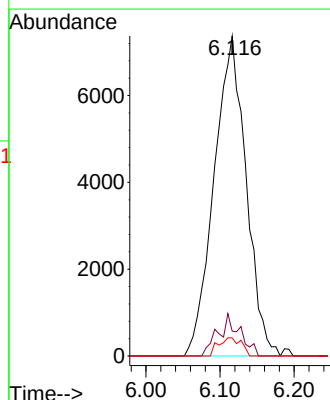
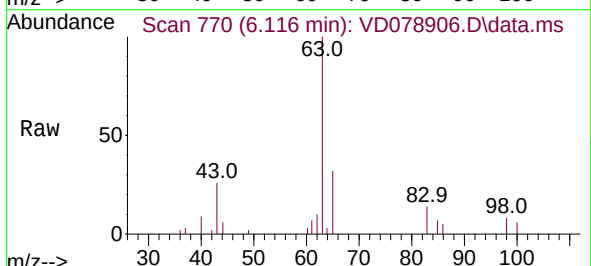
Tgt Ion: 63 Resp: 22136

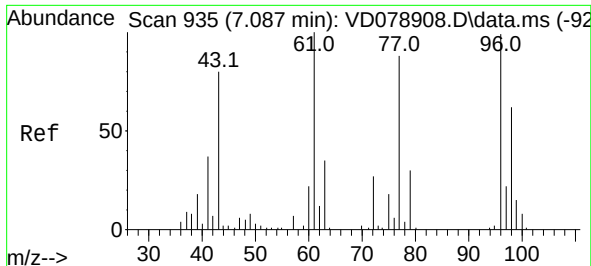
Ion Ratio Lower Upper

63 100

98 7.8 4.7 14.0

100 5.7 2.9 8.6





#25

2-Butanone

Concen: 46.417 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.005 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

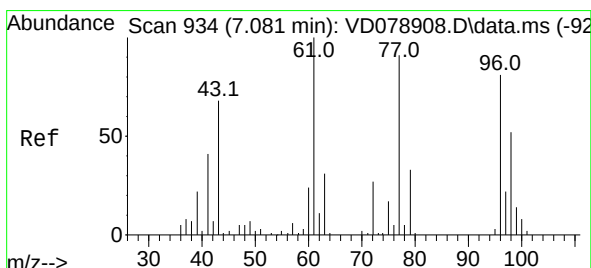
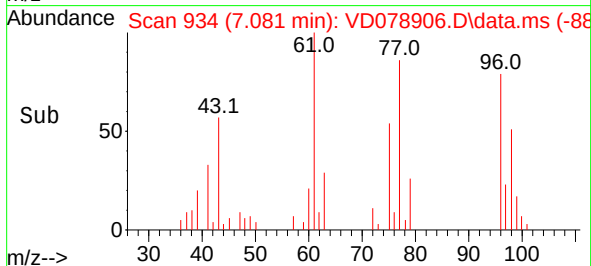
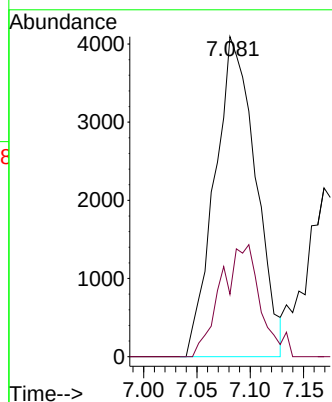
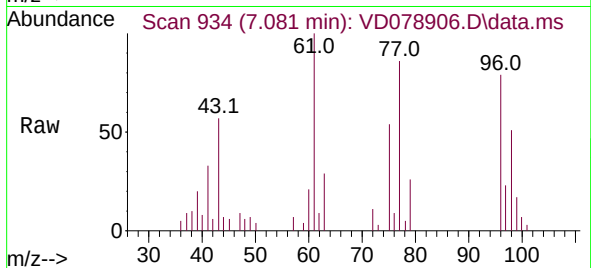
ClientSampleId :

Tgt Ion: 43 Resp: 10936

Ion Ratio Lower Upper

43 100

72 19.5 26.4 39.6#



#26

2,2-Dichloropropane

Concen: 10.518 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD078906.D

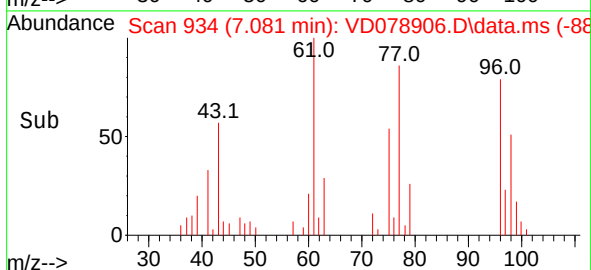
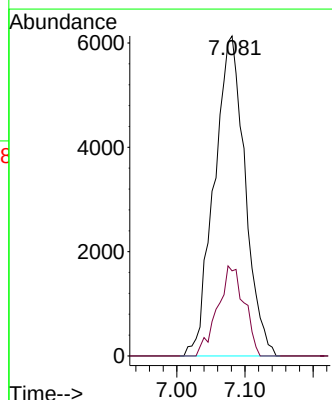
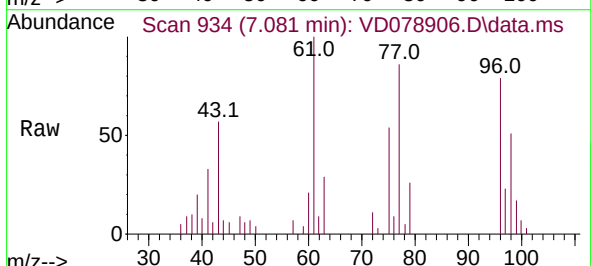
Acq: 13 May 2024 10:50

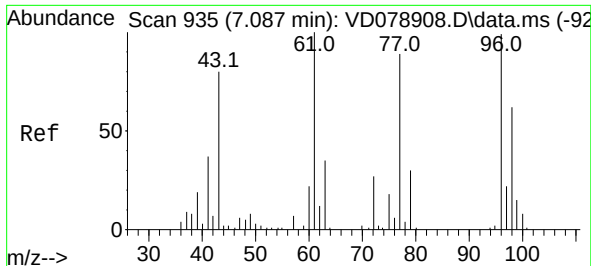
Tgt Ion: 77 Resp: 19282

Ion Ratio Lower Upper

77 100

97 24.3 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 10.122 ug/l

RT: 7.075 min Scan# 90

Delta R.T. -0.011 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

ClientSampleId :

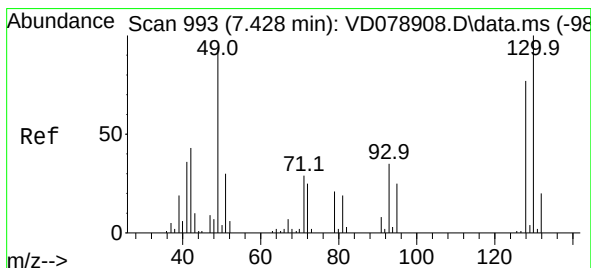
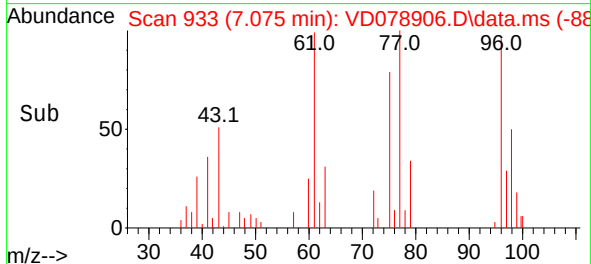
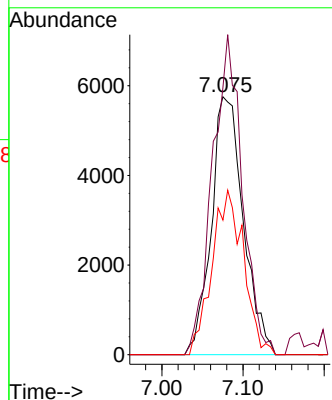
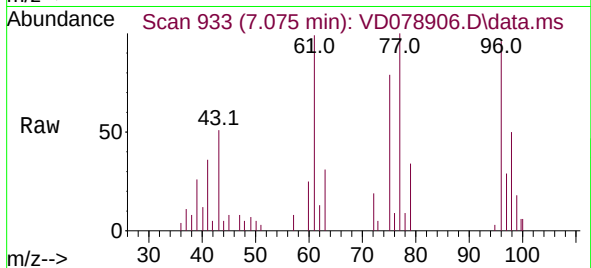
Tgt Ion: 96 Resp: 15796

Ion Ratio Lower Upper

96 100

61 115.8 0.0 229.0

98 62.9 0.0 127.2



#28

Bromochloromethane

Concen: 10.443 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.005 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

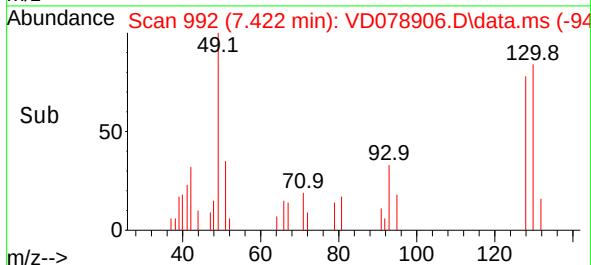
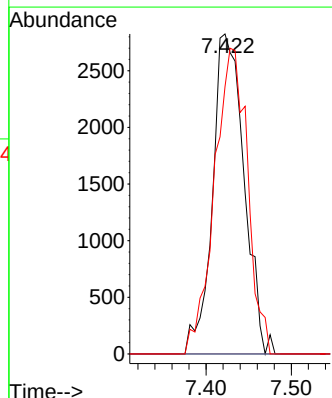
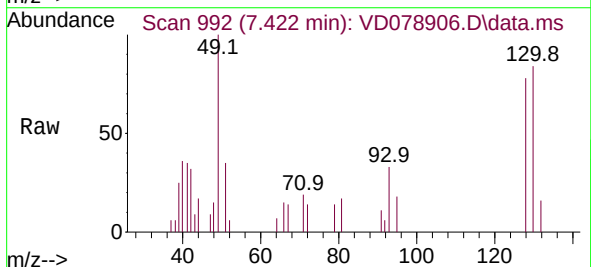
Tgt Ion: 49 Resp: 7265

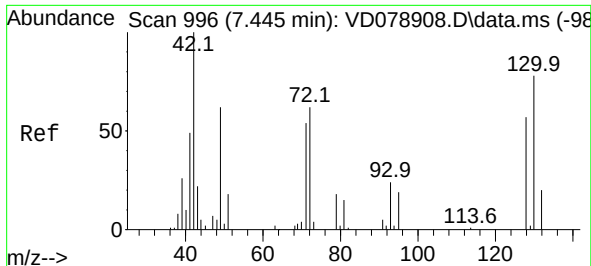
Ion Ratio Lower Upper

49 100

129 0.0 0.0 7.0

130 100.1 87.7 131.5

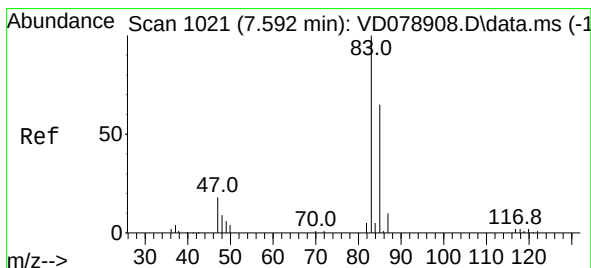
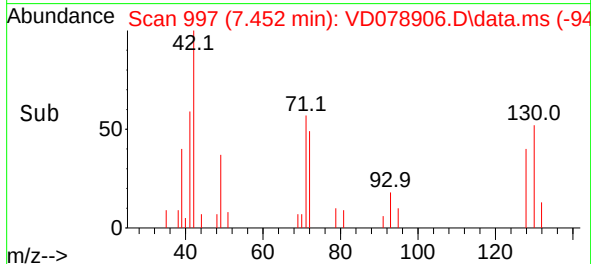
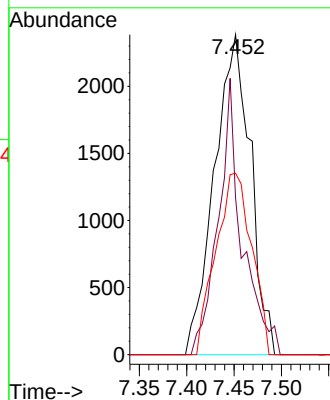
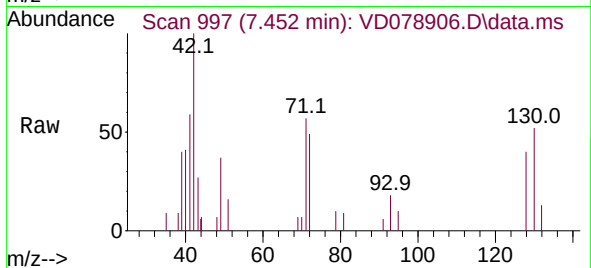




#29
Tetrahydrofuran
Concen: 46.290 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.006 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

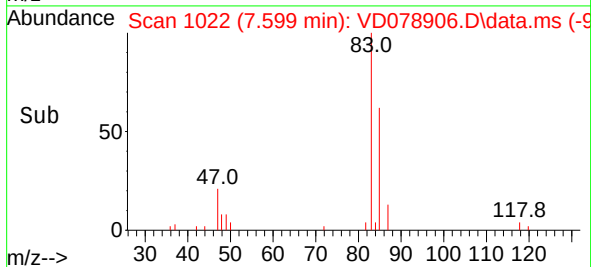
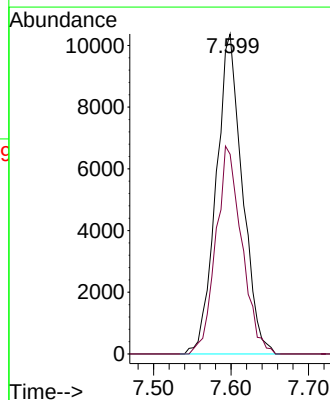
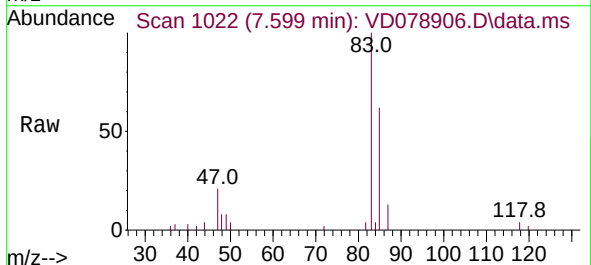
Instrument :
MSVOA_D
ClientSampleId :

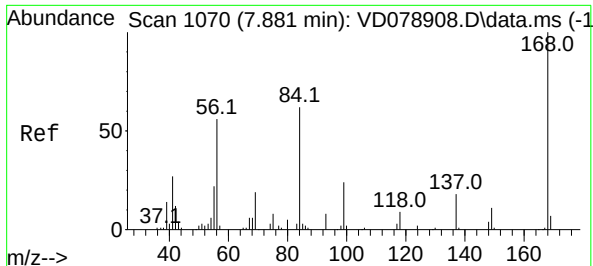
Tgt Ion: 42 Resp: 6308
Ion Ratio Lower Upper
42 100
72 57.2 49.4 74.0
71 56.6 45.0 67.6



#30
Chloroform
Concen: 10.341 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

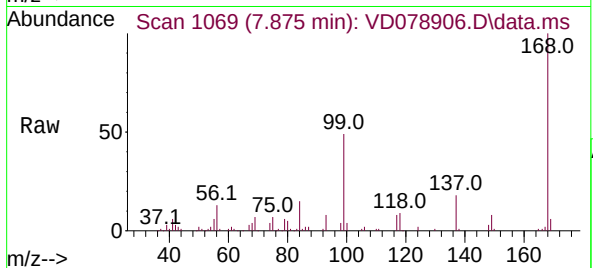
Tgt Ion: 83 Resp: 24434
Ion Ratio Lower Upper
83 100
85 62.4 51.8 77.6



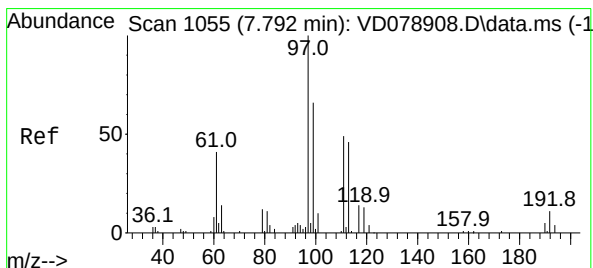
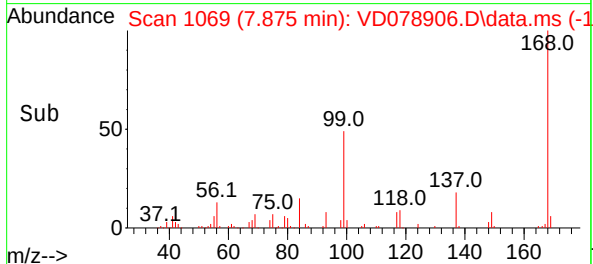
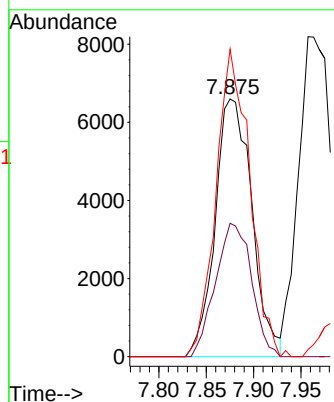


#31
Cyclohexane
Concen: 11.007 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.005 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Instrument :
MSVOA_D
ClientSampleId :

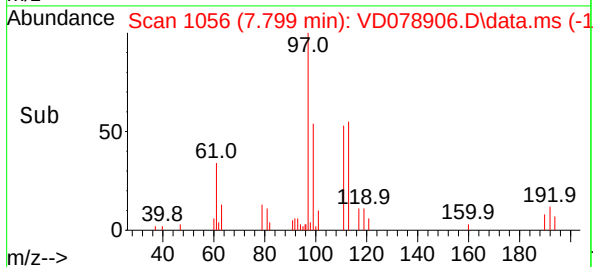
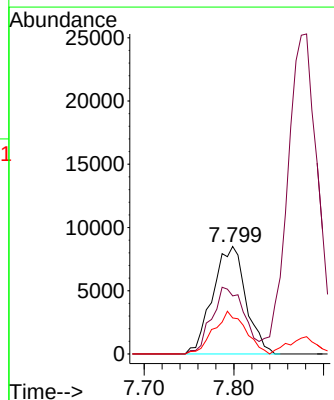
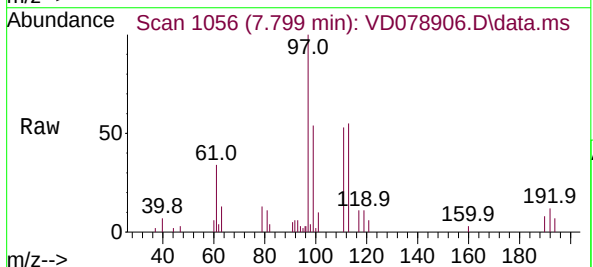


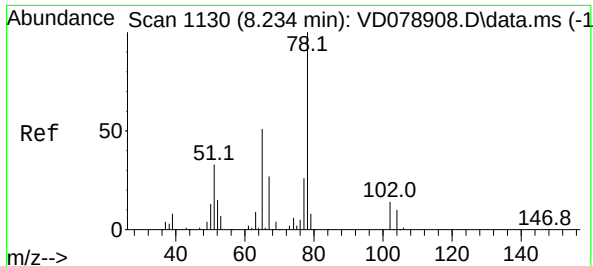
Tgt Ion: 56 Resp: 17766
Ion Ratio Lower Upper
56 100
69 51.8 28.0 42.0#
84 119.3 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 10.747 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Tgt Ion: 97 Resp: 21745
Ion Ratio Lower Upper
97 100
99 61.1 51.3 76.9
61 37.6 31.4 47.2

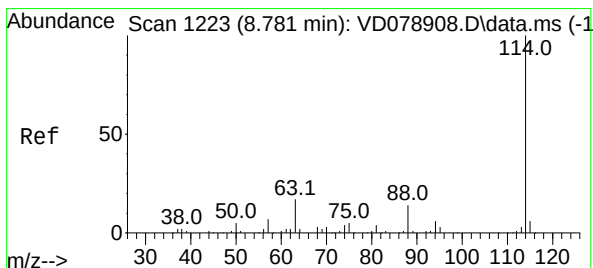
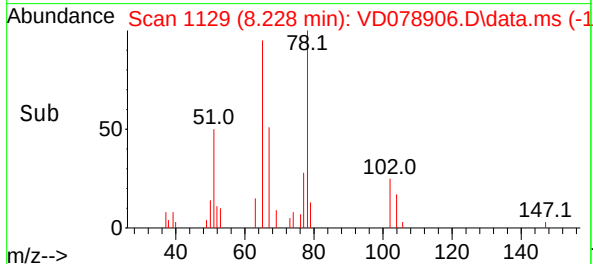
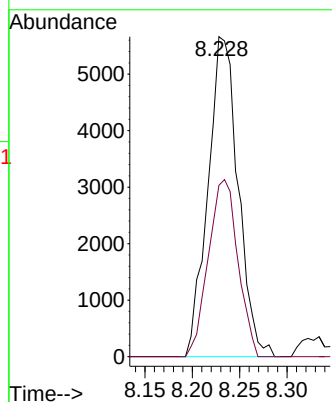
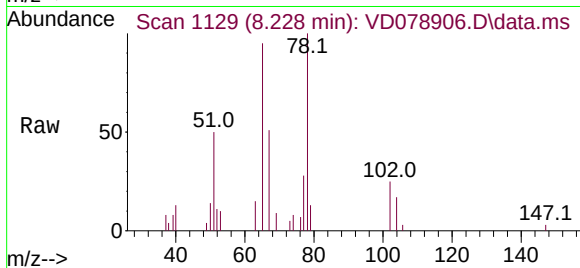




#33
1,2-Dichloroethane-d4
Concen: 11.352 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.005 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

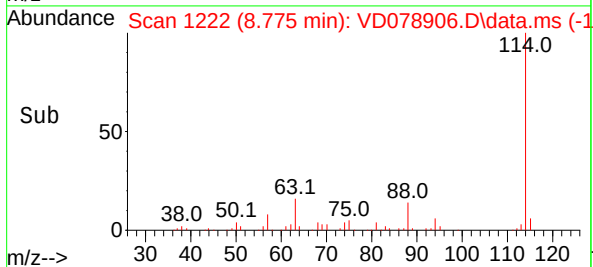
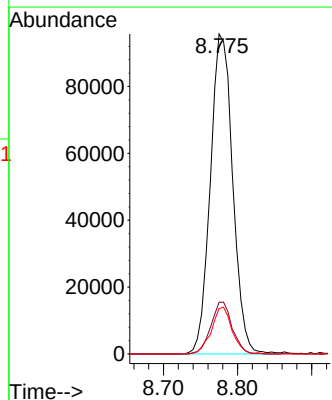
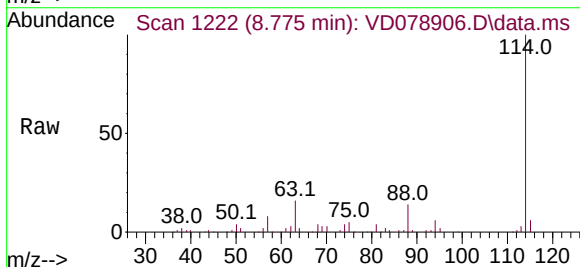
Instrument :
MSVOA_D
ClientSampleId :

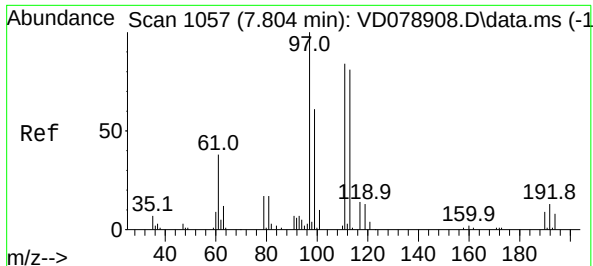
Tgt Ion: 65 Resp: 12542
Ion Ratio Lower Upper
65 100
67 54.1 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.005 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Tgt Ion:114 Resp: 200811
Ion Ratio Lower Upper
114 100
63 16.2 0.0 34.0
88 14.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 10.449 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

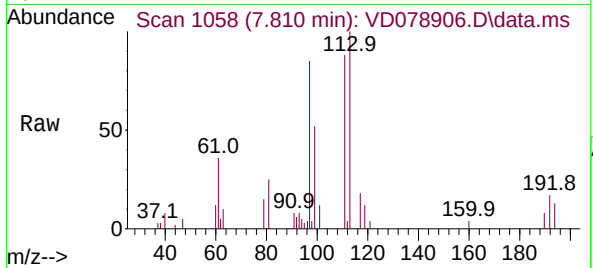
Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

ClientSampleId :



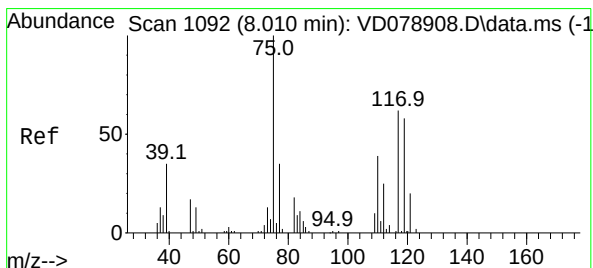
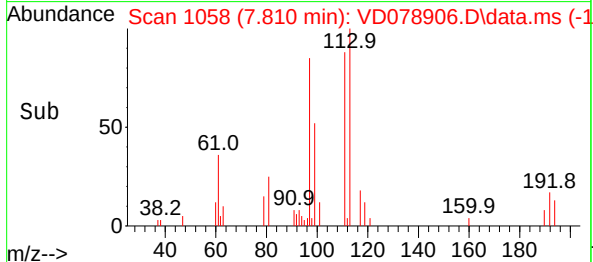
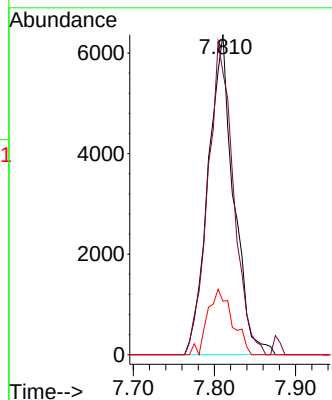
Tgt Ion:113 Resp: 13968

Ion Ratio Lower Upper

113 100

111 97.9 84.0 126.0

192 19.7 15.4 23.0



#36

1,1-Dichloropropene

Concen: 9.841 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.005 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

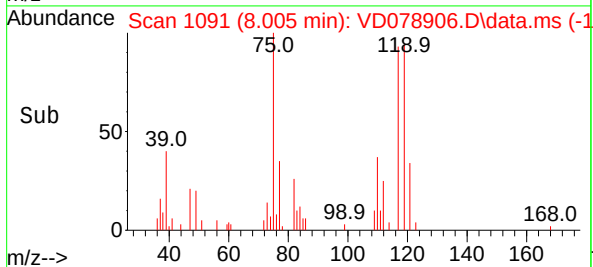
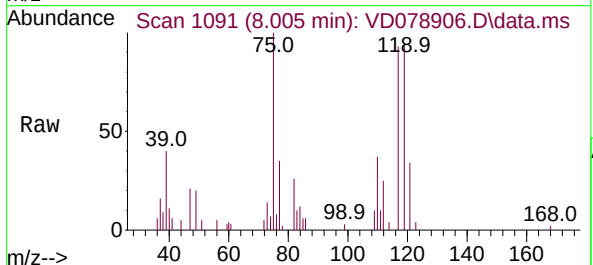
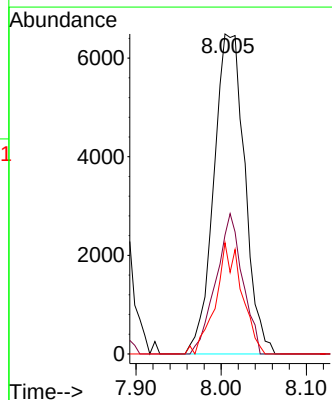
Tgt Ion: 75 Resp: 16369

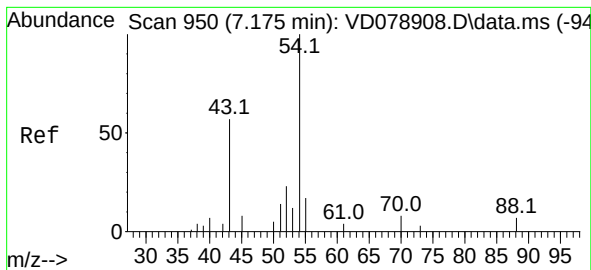
Ion Ratio Lower Upper

75 100

110 37.7 19.6 58.7

77 29.6 26.1 39.1





#37

Ethyl Acetate

Concen: 9.885 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.005 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

ClientSampleId :

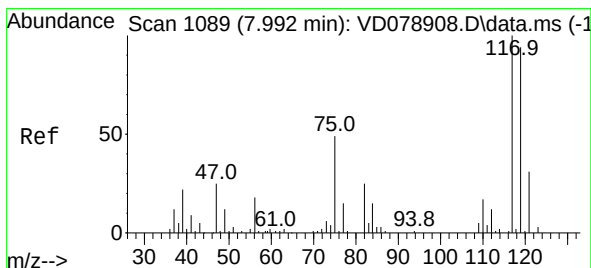
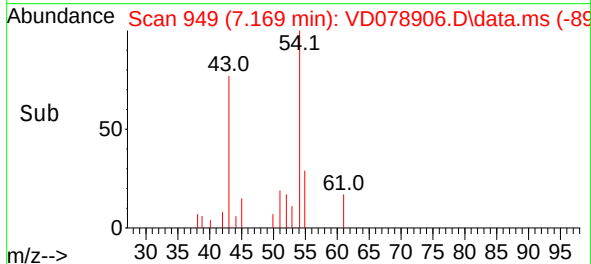
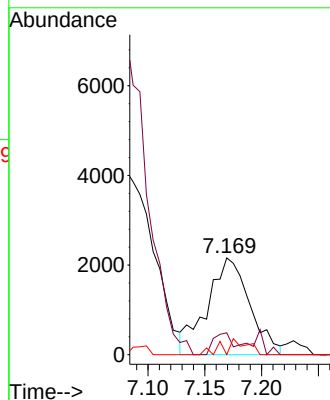
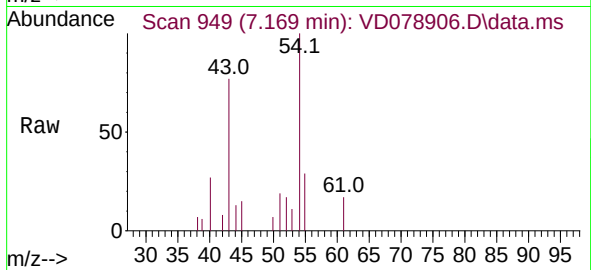
Tgt Ion: 43 Resp: 5604

Ion Ratio Lower Upper

43 100

61 10.7 13.9 20.9#

70 9.2 9.8 14.6#



#38

Carbon Tetrachloride

Concen: 10.061 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

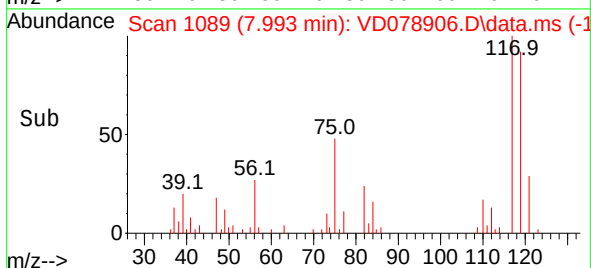
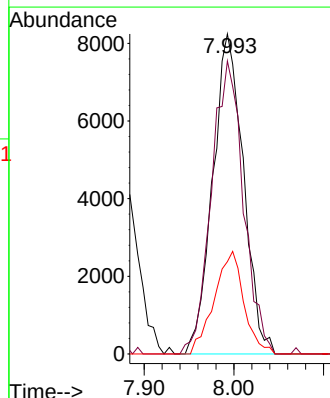
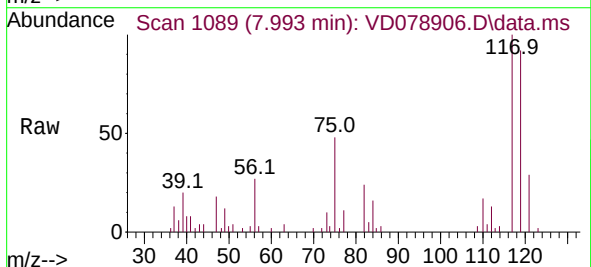
Tgt Ion: 117 Resp: 19585

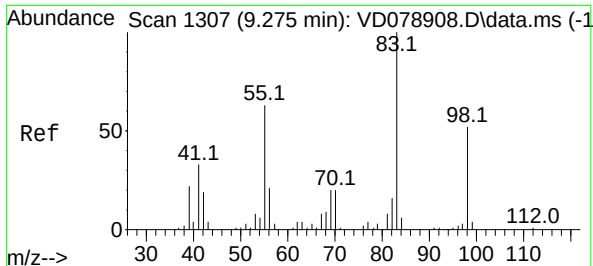
Ion Ratio Lower Upper

117 100

119 91.6 75.4 113.0

121 28.8 25.0 37.4





#39

Methylcyclohexane

Concen: 9.532 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

ClientSampleId :

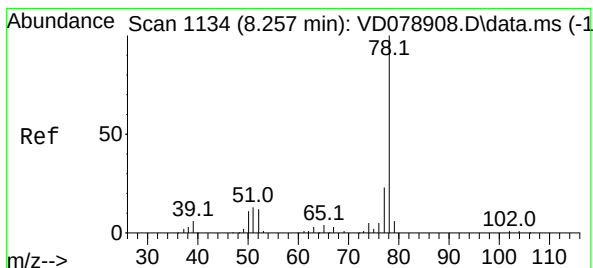
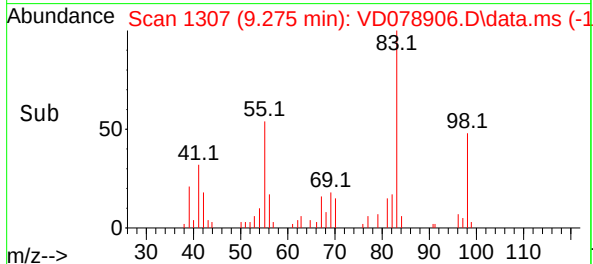
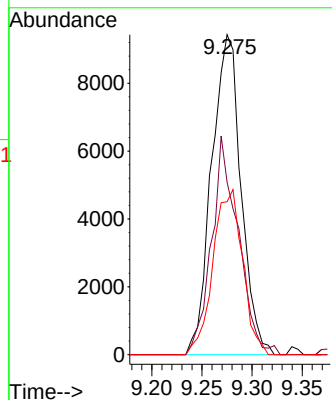
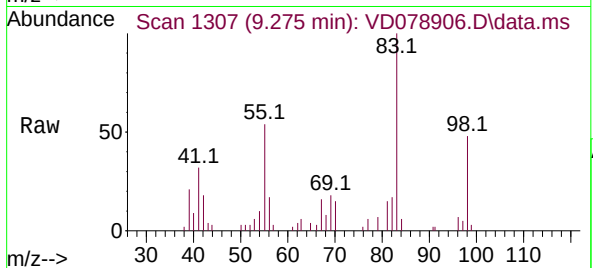
Tgt Ion: 83 Resp: 19266

Ion Ratio Lower Upper

83 100

55 53.9 50.1 75.1

98 47.8 41.9 62.9



#40

Benzene

Concen: 9.906 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.005 min

Lab File: VD078906.D

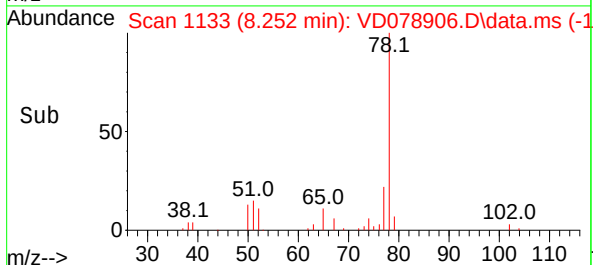
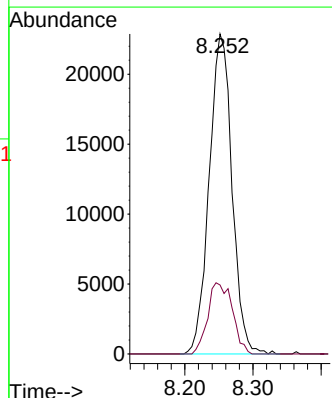
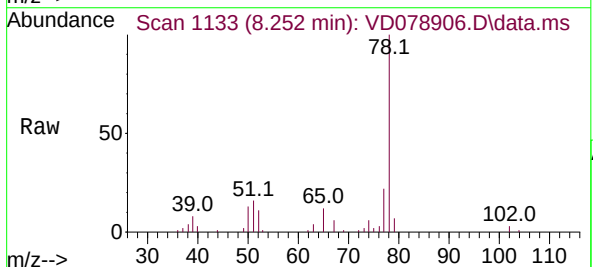
Acq: 13 May 2024 10:50

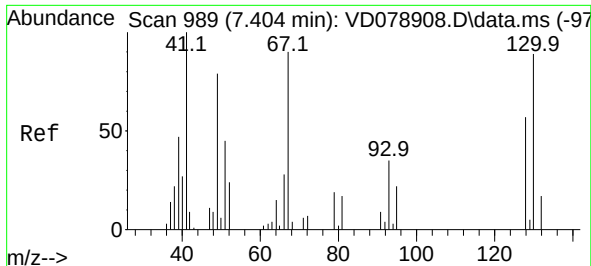
Tgt Ion: 78 Resp: 53295

Ion Ratio Lower Upper

78 100

77 21.5 18.1 27.1





#41

Methacrylonitrile

Concen: 9.586 ug/l

RT: 7.405 min Scan# 91

Delta R.T. 0.000 min

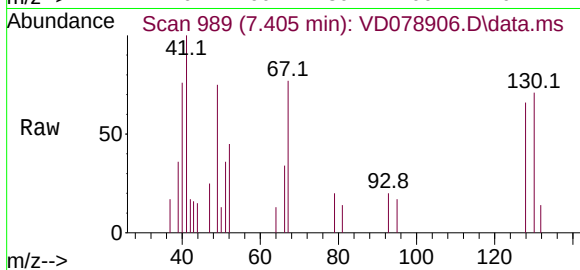
Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 41 Resp: 2924

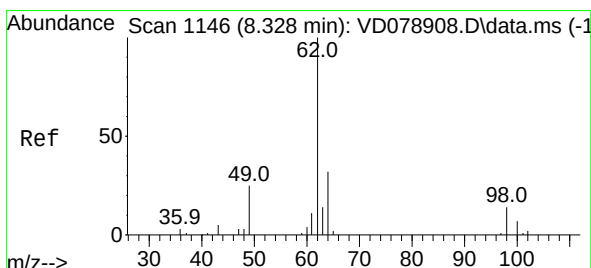
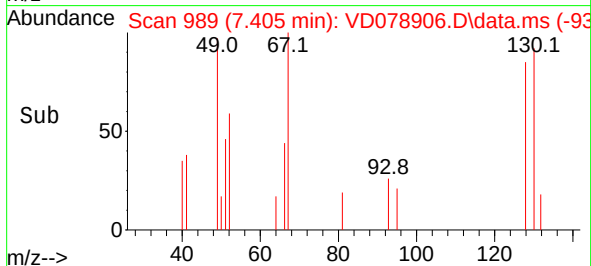
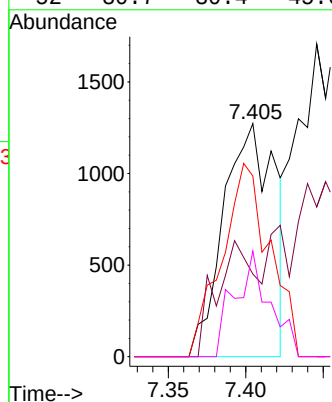
Ion Ratio Lower Upper

41 100

39 38.5 41.4 62.0#

67 77.2 85.8 128.6#

52 30.7 30.4 45.6



#42

1,2-Dichloroethane

Concen: 9.670 ug/l

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD078906.D

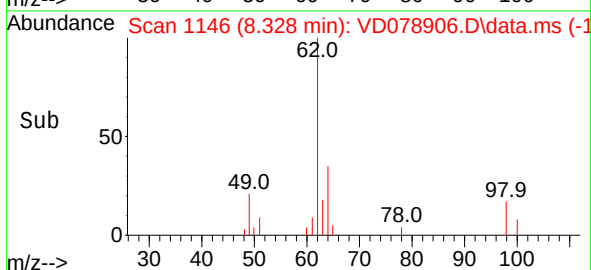
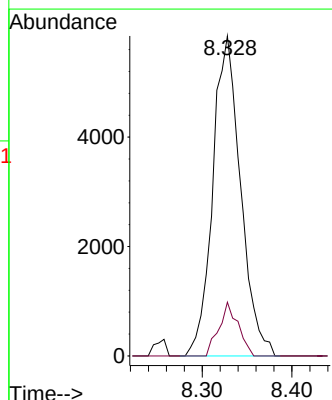
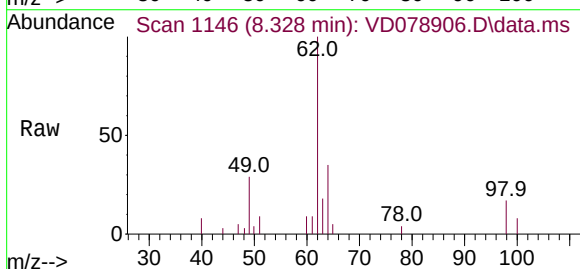
Acq: 13 May 2024 10:50

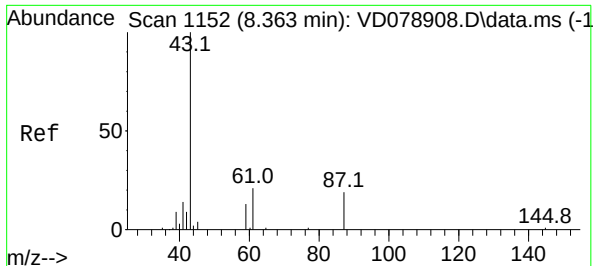
Tgt Ion: 62 Resp: 12593

Ion Ratio Lower Upper

62 100

98 11.5 0.0 25.8





#43

Isopropyl Acetate

Concen: 8.756 ug/l

RT: 8.369 min Scan# 1153

Delta R.T. 0.006 min

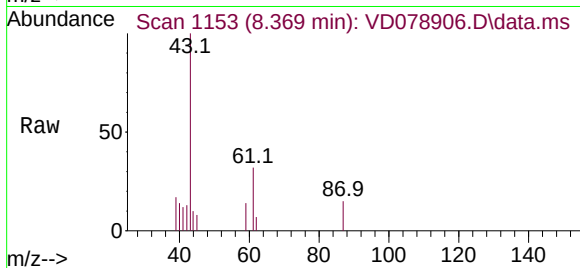
Lab File: VD078906.D

Acq: 13 May 2024 10:50

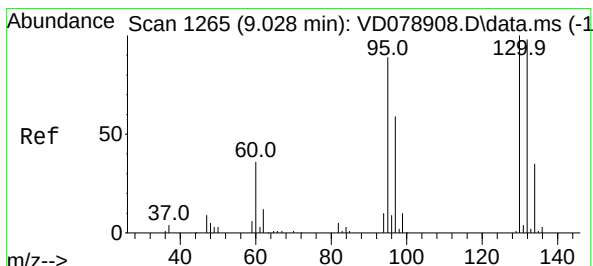
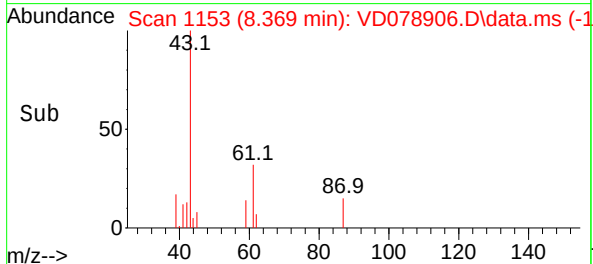
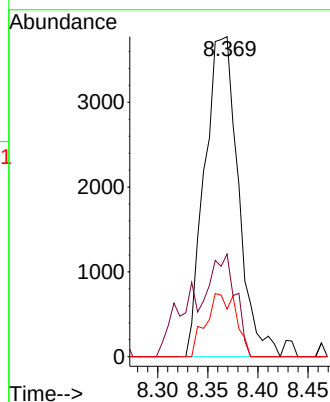
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43	Resp: 8807
Ion Ratio	Lower Upper
43	100
61	26.3 29.3 43.9#
87	17.7 14.9 22.3



#44

Trichloroethene

Concen: 9.918 ug/l

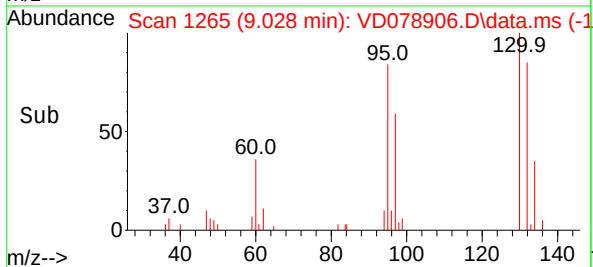
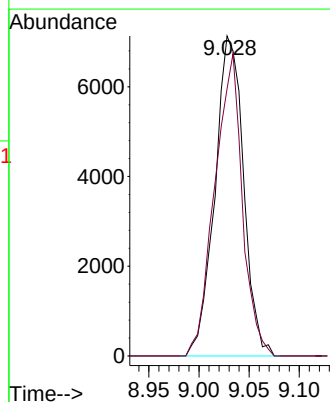
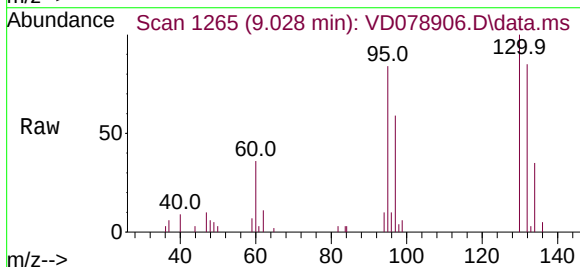
RT: 9.028 min Scan# 1265

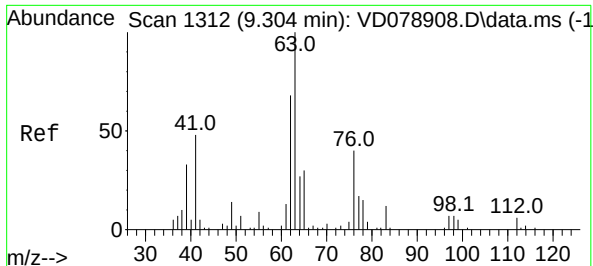
Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Tgt Ion: 130	Resp: 14153
Ion Ratio	Lower Upper
130	100
95	83.5 0.0 177.8





#45

1,2-Dichloropropane

Concen: 9.938 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

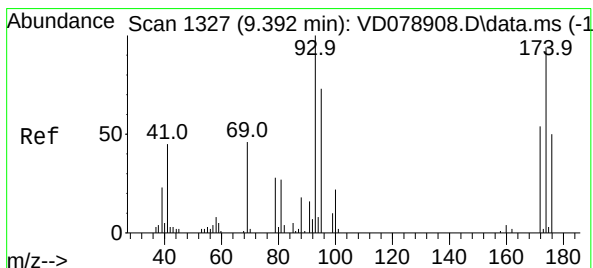
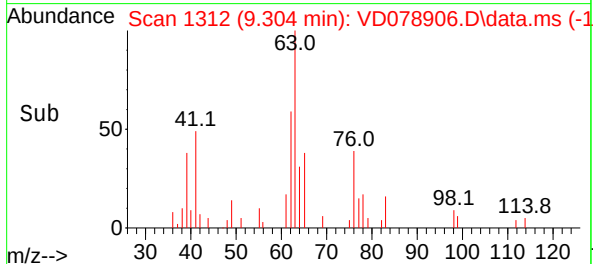
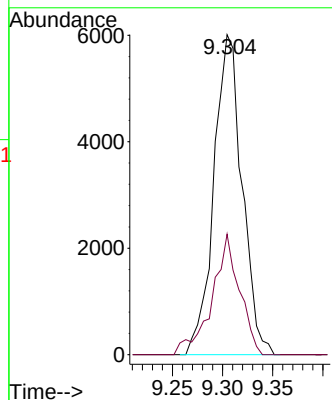
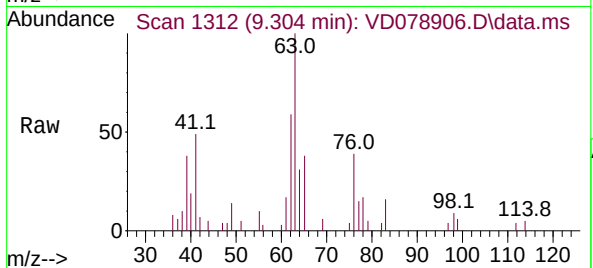
ClientSampleId :

Tgt Ion: 63 Resp: 11750

Ion Ratio Lower Upper

63 100

65 37.6 23.8 35.8#



#46

Dibromomethane

Concen: 9.823 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

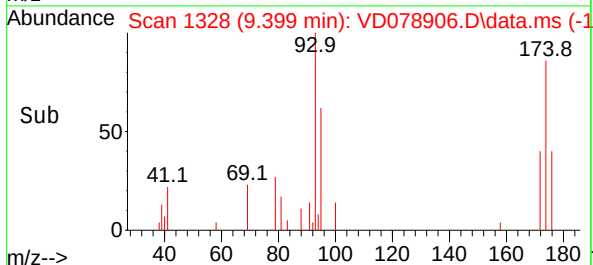
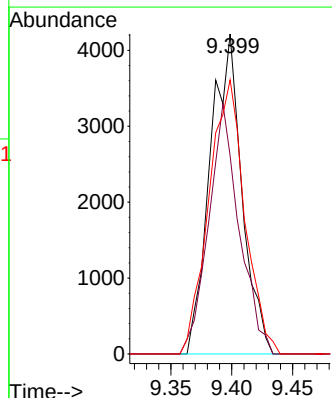
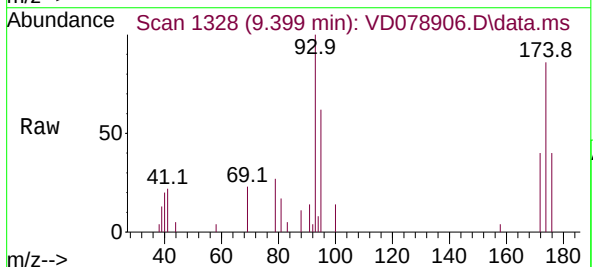
Tgt Ion: 93 Resp: 7645

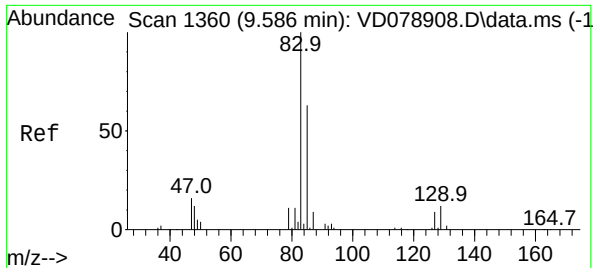
Ion Ratio Lower Upper

93 100

95 75.4 65.6 98.4

174 96.6 82.3 123.5

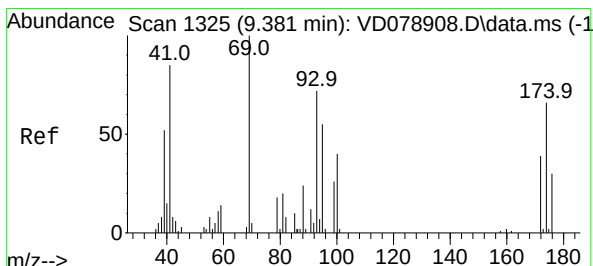
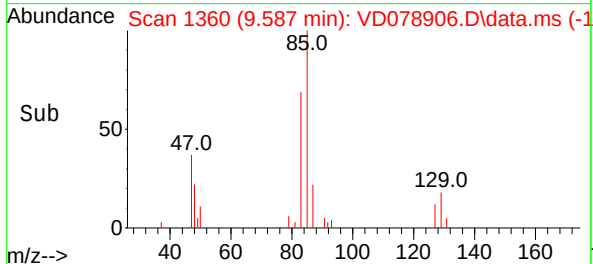
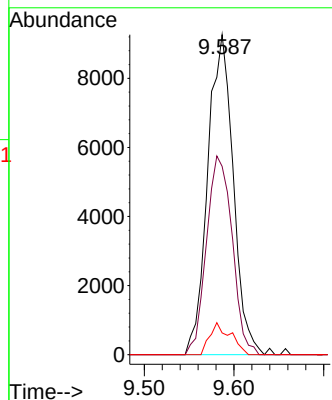
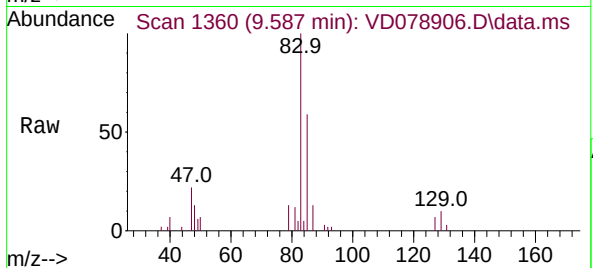




#47
Bromodichloromethane
Concen: 9.790 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

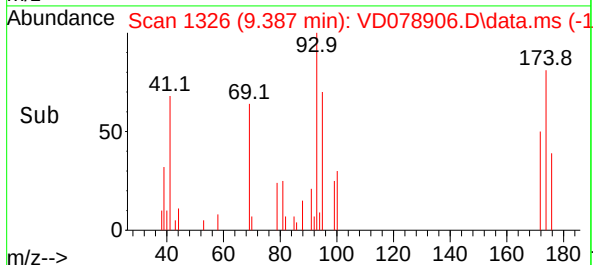
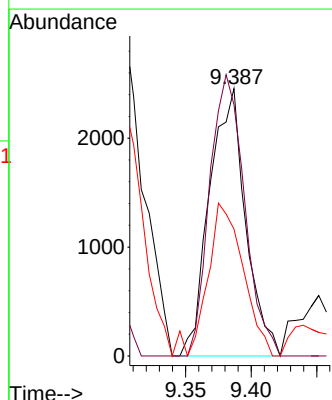
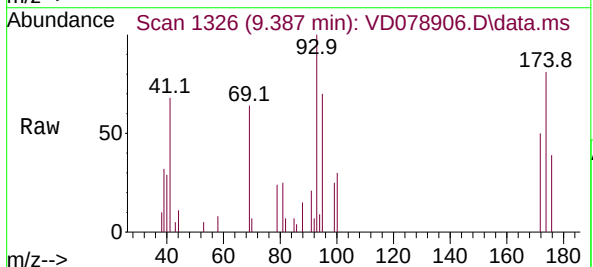
Instrument :
MSVOA_D
ClientSampleId :

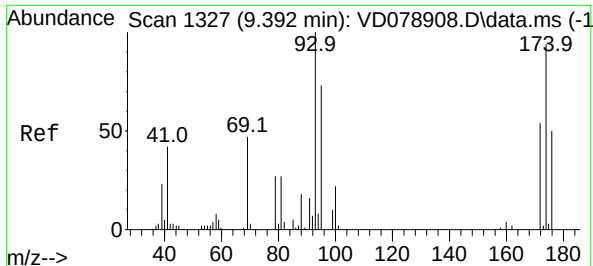
Tgt Ion: 83 Resp: 18342
Ion Ratio Lower Upper
83 100
85 58.9 50.1 75.1
127 6.8 6.8 10.2



#48
Methyl methacrylate
Concen: 9.594 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

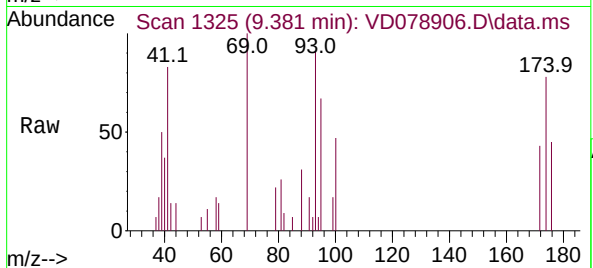
Tgt Ion: 41 Resp: 4698
Ion Ratio Lower Upper
41 100
69 101.9 96.7 145.1
39 54.7 43.8 65.6



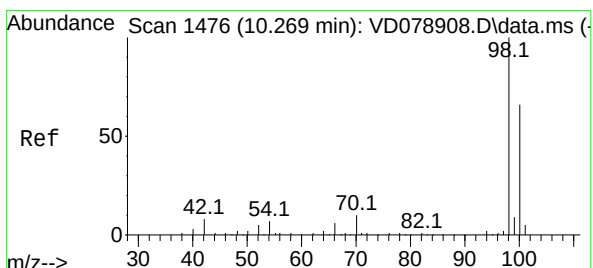
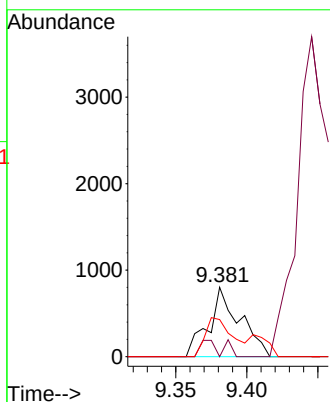
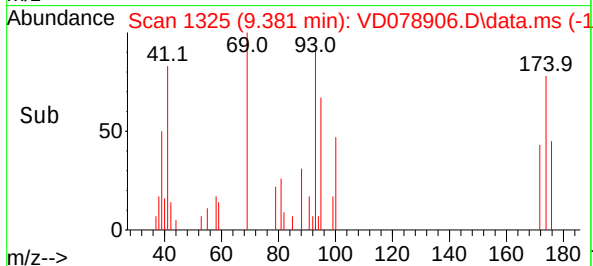


#49
1,4-Dioxane
Concen: 179.657 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.011 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Instrument :
MSVOA_D
ClientSampleId :

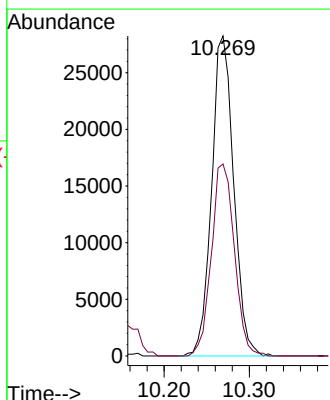
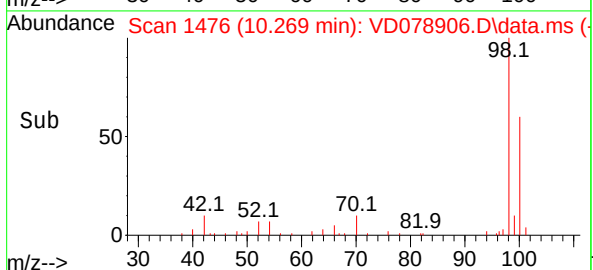
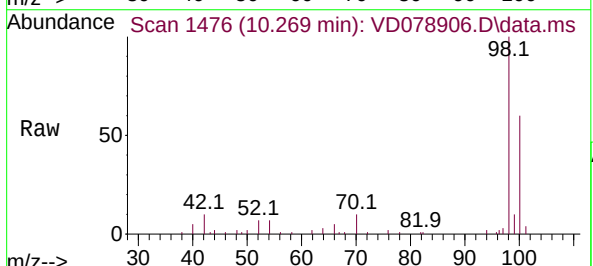


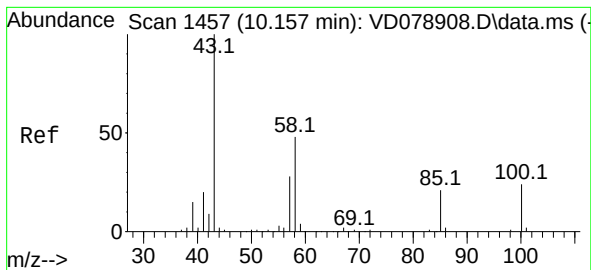
Tgt Ion: 88 Resp: 1230
Ion Ratio Lower Upper
88 100
43 16.5 21.5 32.3#
58 48.6 42.2 63.4



#50
Toluene-d8
Concen: 10.132 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Tgt Ion: 98 Resp: 50771
Ion Ratio Lower Upper
98 100
100 62.6 51.6 77.4

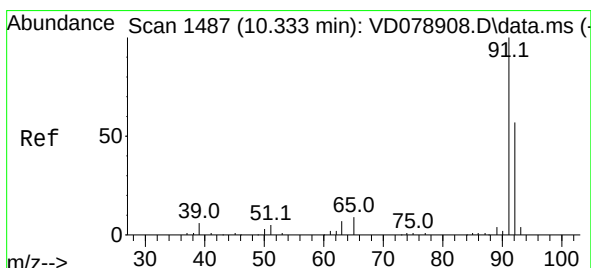
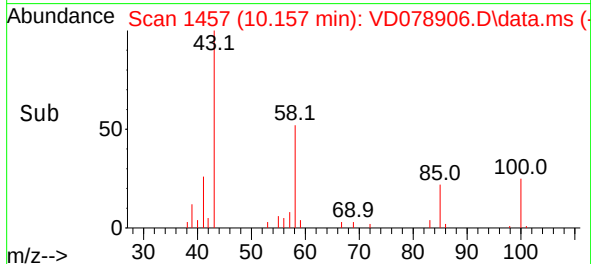
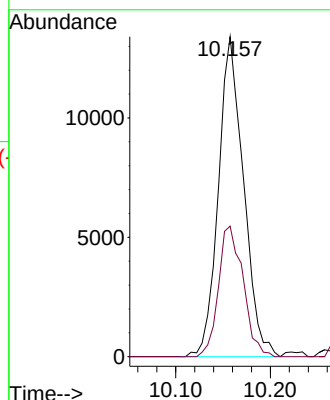
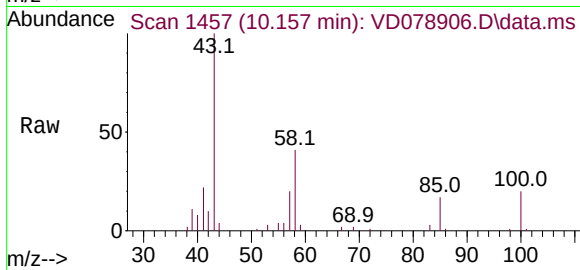




#51
4-Methyl-2-Pentanone
Concen: 46.145 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

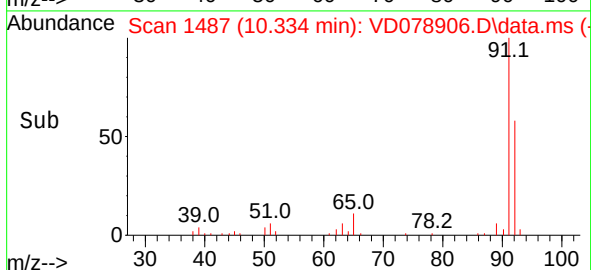
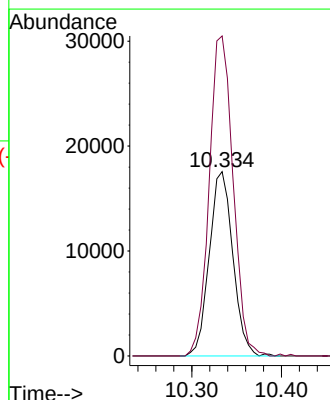
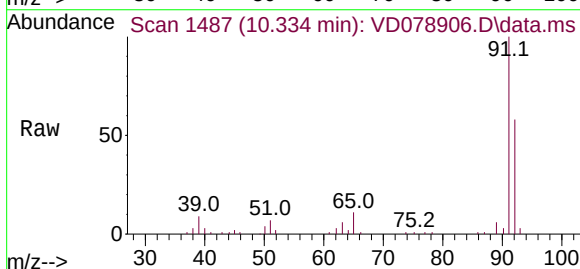
Instrument :
MSVOA_D
ClientSampleId :

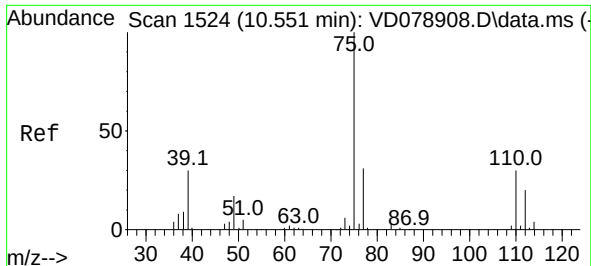
Tgt Ion: 43 Resp: 24723
Ion Ratio Lower Upper
43 100
58 40.0 36.6 55.0



#52
Toluene
Concen: 9.309 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Tgt Ion: 92 Resp: 32058
Ion Ratio Lower Upper
92 100
91 175.8 141.7 212.5





#53

t-1,3-Dichloropropene

Concen: 9.279 ug/l

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

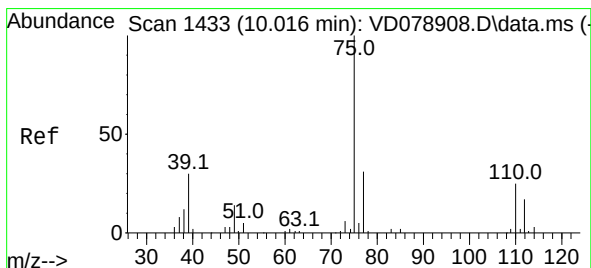
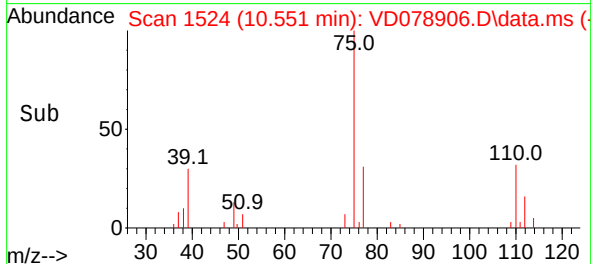
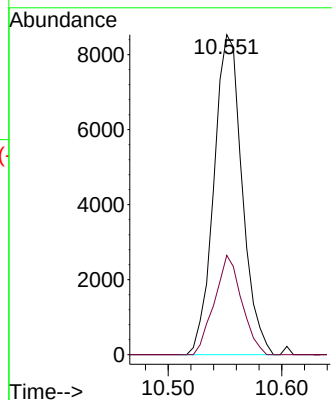
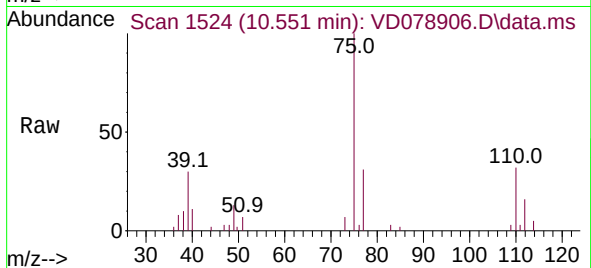
ClientSampleId :

Tgt Ion: 75 Resp: 14772

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 9.590 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

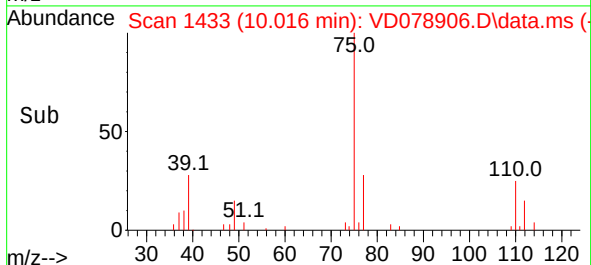
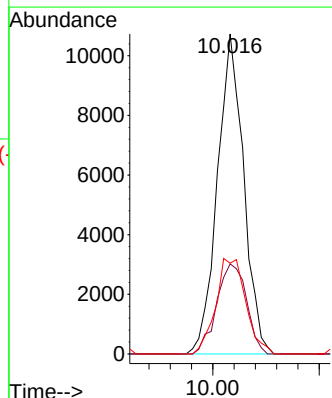
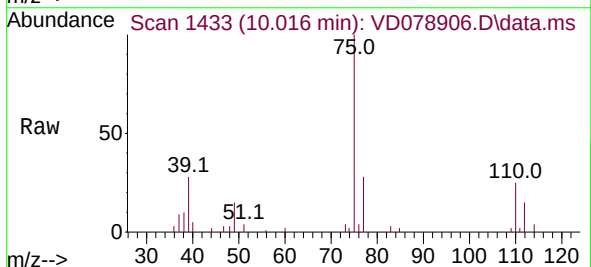
Tgt Ion: 75 Resp: 18326

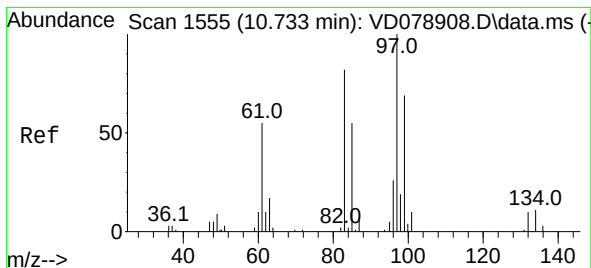
Ion Ratio Lower Upper

75 100

77 28.1 24.4 36.6

39 28.3 24.2 36.2

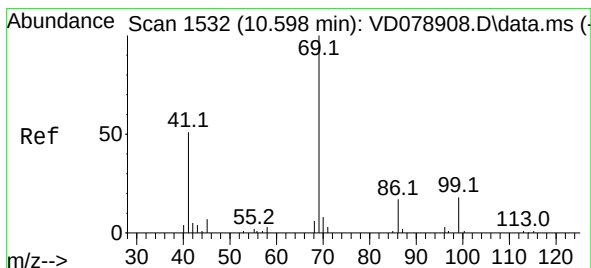
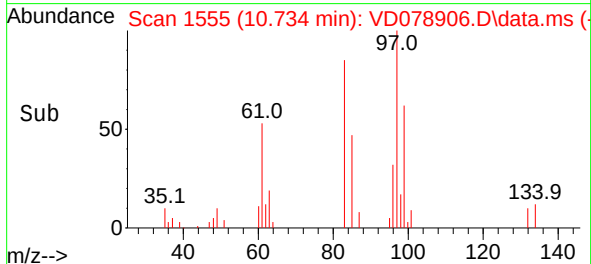
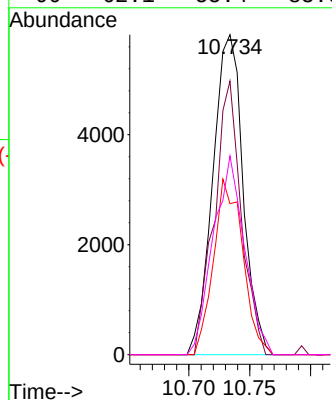
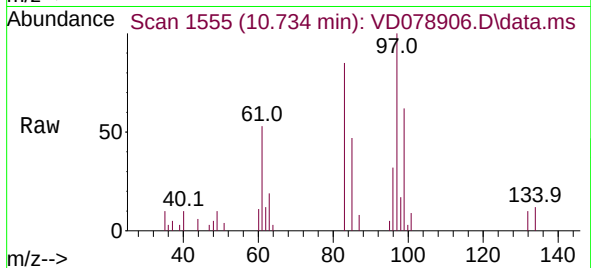




#55
1,1,2-Trichloroethane
Concen: 10.024 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

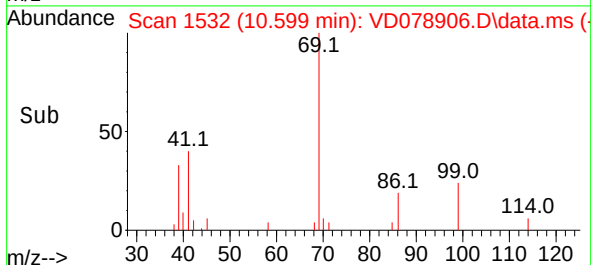
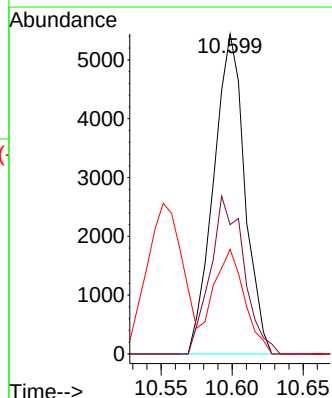
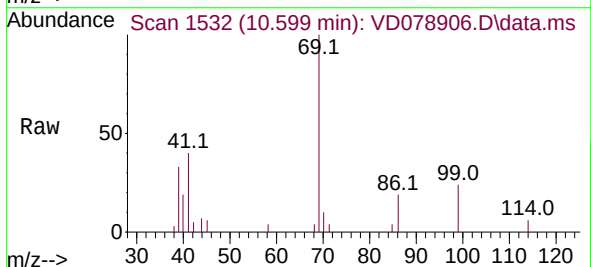
Instrument :
MSVOA_D
ClientSampleId :

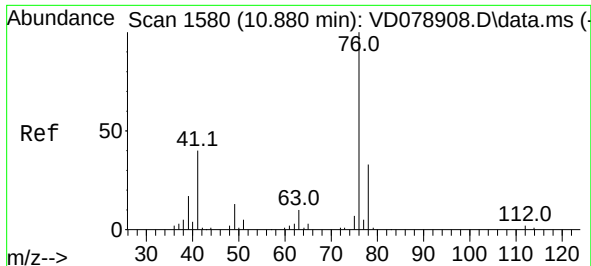
Tgt Ion: 97	Resp: 10080
Ion Ratio	Lower Upper
97	100
83	85.5 65.8 98.8
85	47.2 43.8 65.8
99	62.1 55.4 83.0



#56
Ethyl methacrylate
Concen: 8.029 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Tgt Ion: 69	Resp: 8306
Ion Ratio	Lower Upper
69	100
41	52.9 39.8 59.6
39	32.9 20.2 30.4#





#57

1,3-Dichloropropane

Concen: 9.393 ug/l

RT: 10.875 min Scan# 14707

Delta R.T. -0.005 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

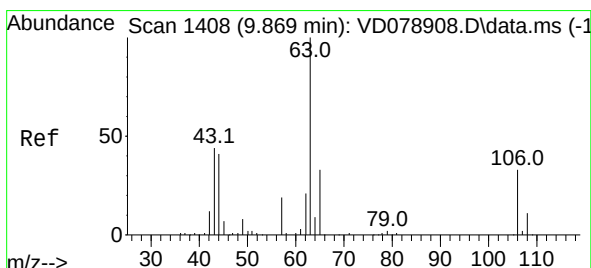
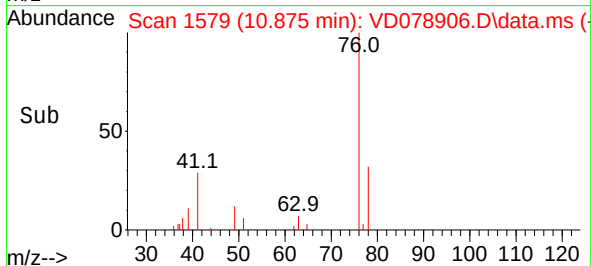
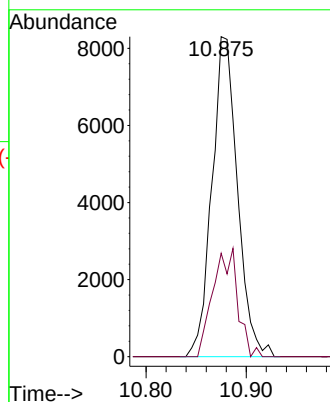
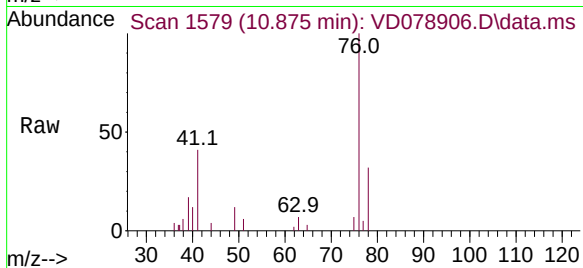
ClientSampleId :

Tgt Ion: 76 Resp: 14707

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 40.653 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD078906.D

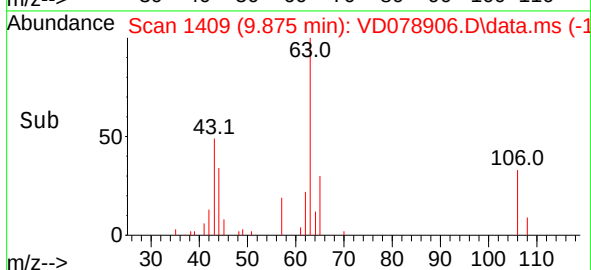
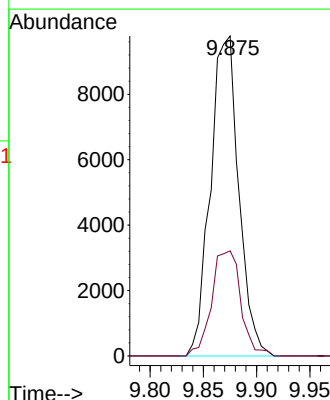
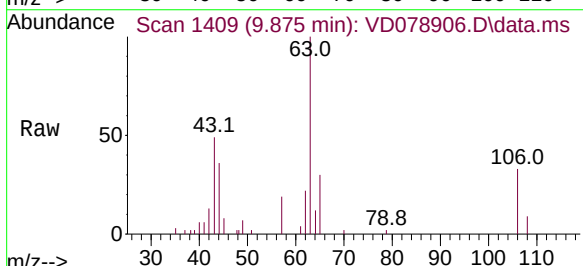
Acq: 13 May 2024 10:50

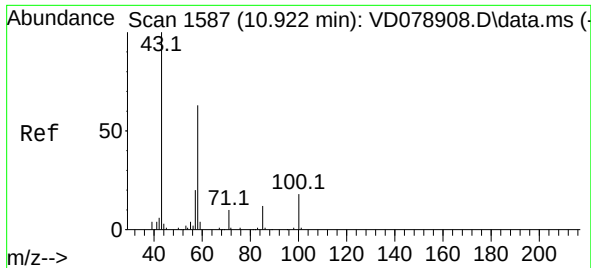
Tgt Ion: 63 Resp: 18071

Ion Ratio Lower Upper

63 100

106 33.8 26.4 39.6

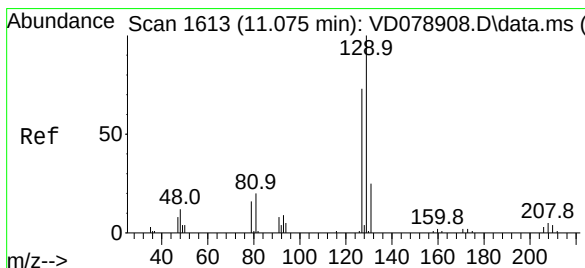
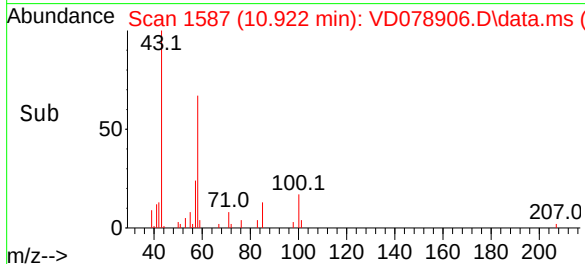
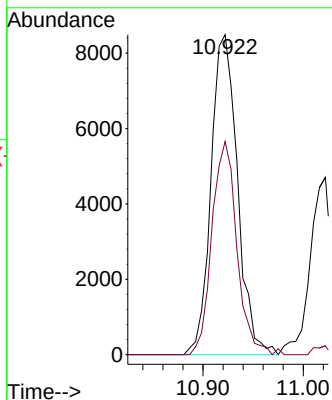
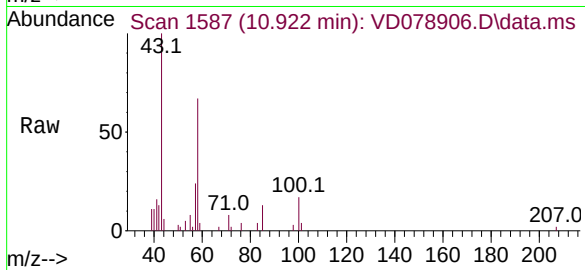




#59
2-Hexanone
Concen: 41.755 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

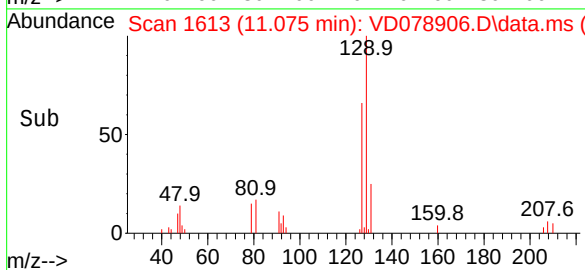
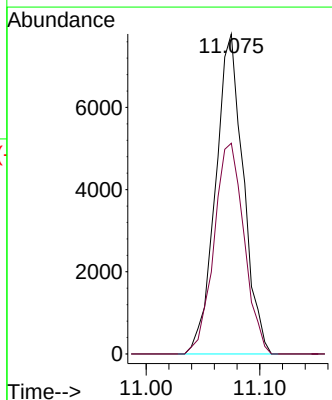
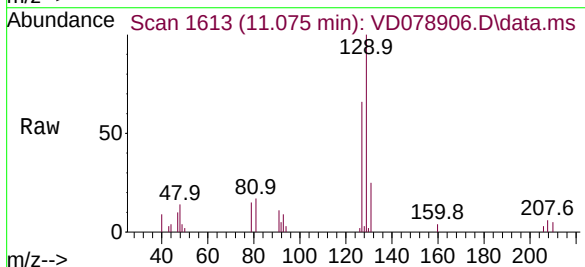
Instrument :
MSVOA_D
ClientSampleId :

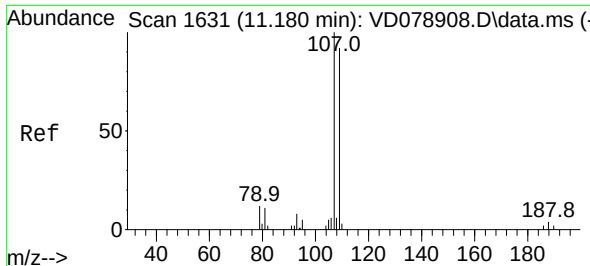
Tgt Ion: 43 Resp: 15571
Ion Ratio Lower Upper
43 100
58 63.0 31.1 93.5



#60
Dibromochloromethane
Concen: 9.646 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Tgt Ion: 129 Resp: 13222
Ion Ratio Lower Upper
129 100
127 71.2 38.0 113.9





#61

1,2-Dibromoethane

Concen: 9.412 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

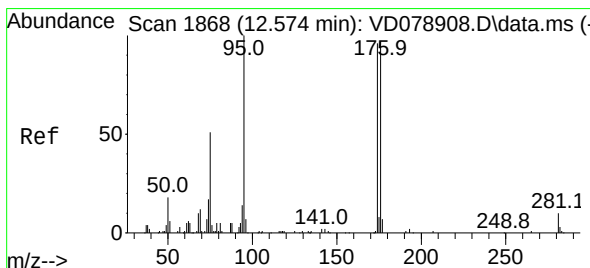
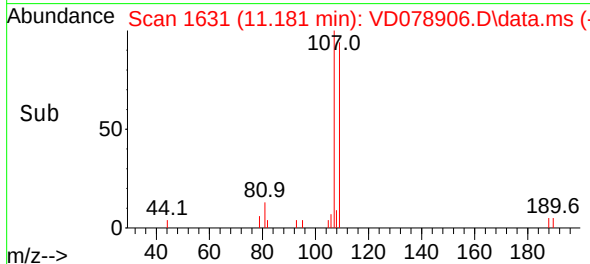
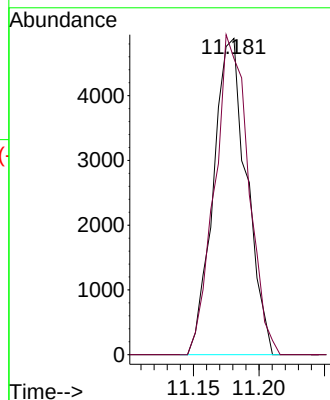
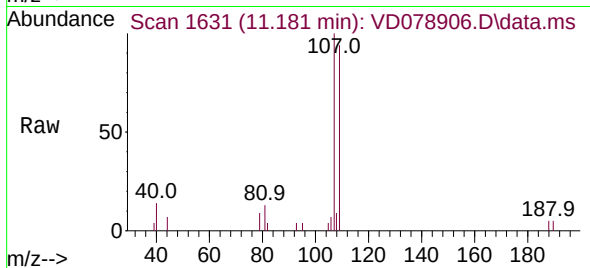
ClientSampleId :

Tgt Ion:107 Resp: 8629

Ion Ratio Lower Upper

107 100

109 102.7 72.0 108.0



#62

4-Bromofluorobenzene

Concen: 9.774 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.005 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

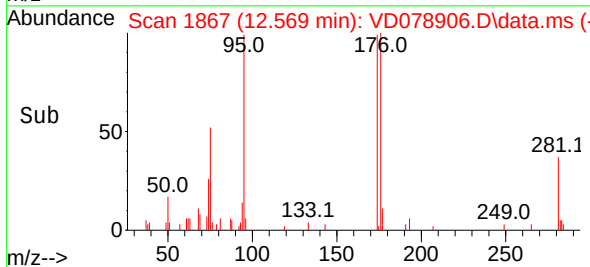
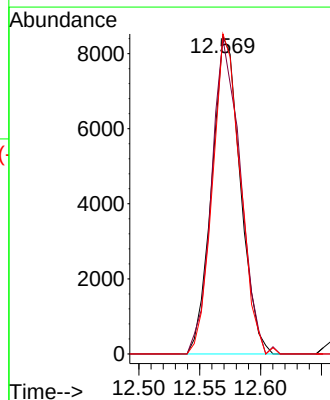
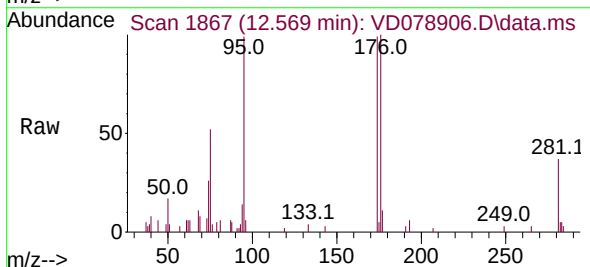
Tgt Ion: 95 Resp: 13760

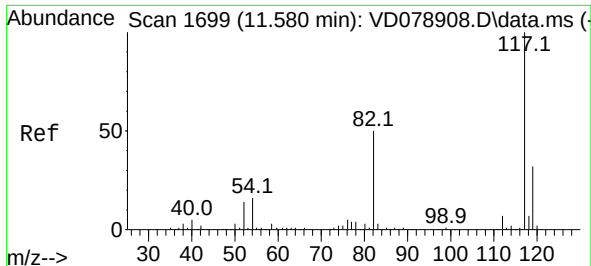
Ion Ratio Lower Upper

95 100

174 100.1 0.0 195.4

176 97.4 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

ClientSampleId :

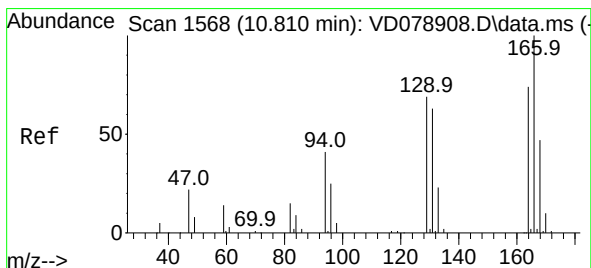
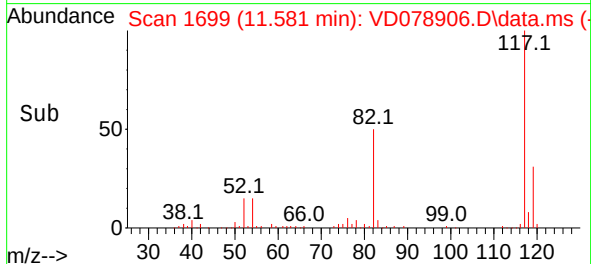
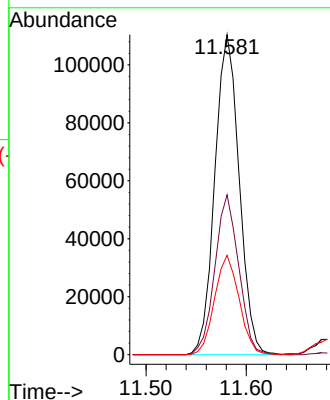
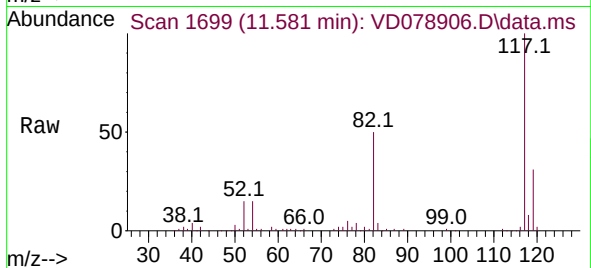
Tgt Ion:117 Resp: 186229

Ion Ratio Lower Upper

117 100

82 49.9 39.8 59.6

119 31.0 25.7 38.5



#64

Tetrachloroethene

Concen: 10.199 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Tgt Ion:164 Resp: 12050

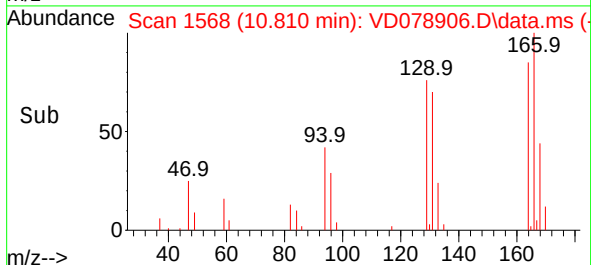
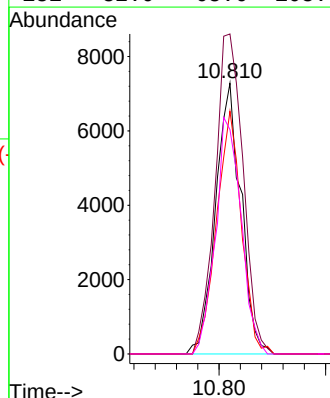
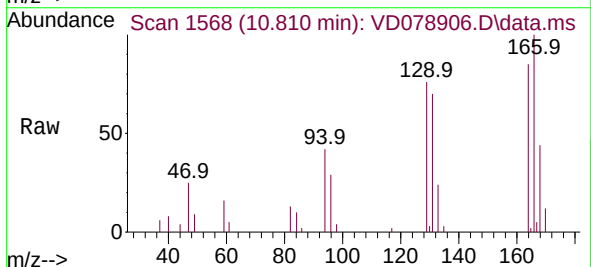
Ion Ratio Lower Upper

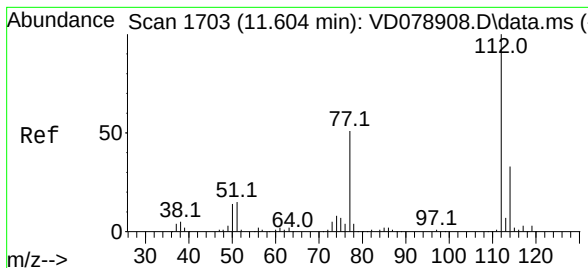
164 100

166 118.2 108.6 163.0

129 89.7 74.6 112.0

131 82.9 68.6 103.0

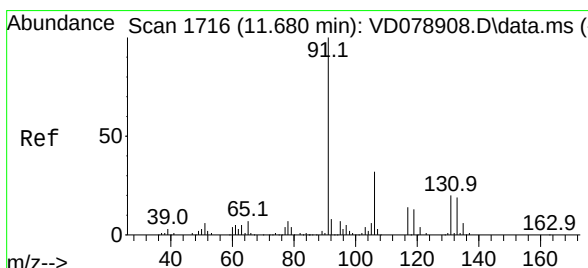
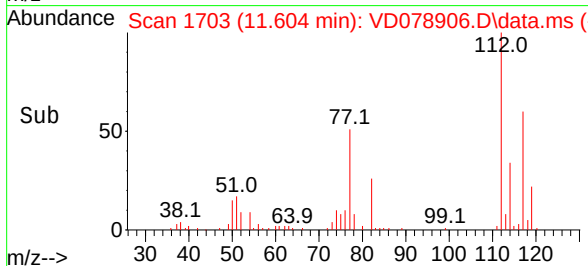
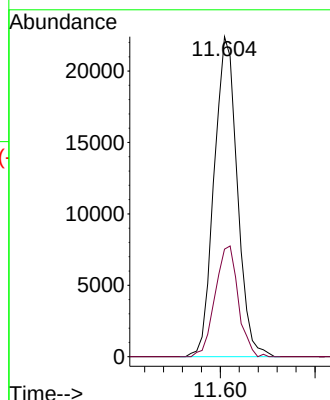
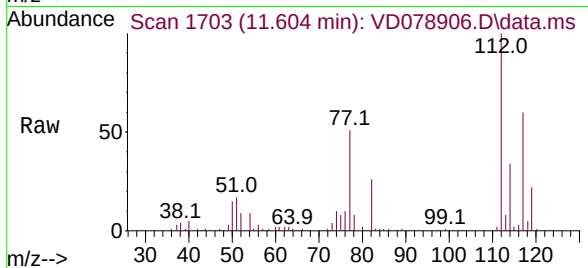




#65
Chlorobenzene
Concen: 9.821 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

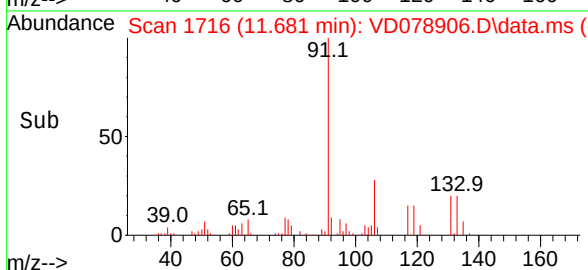
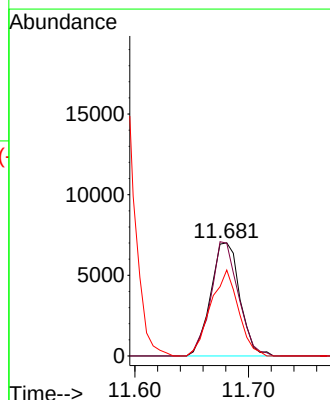
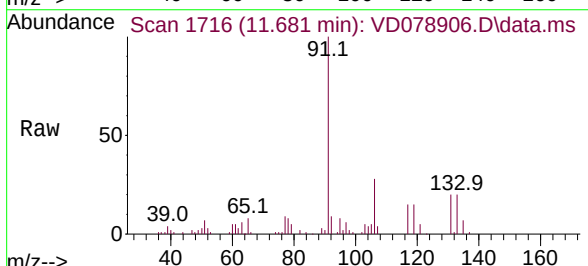
Instrument :
MSVOA_D
ClientSampleId :

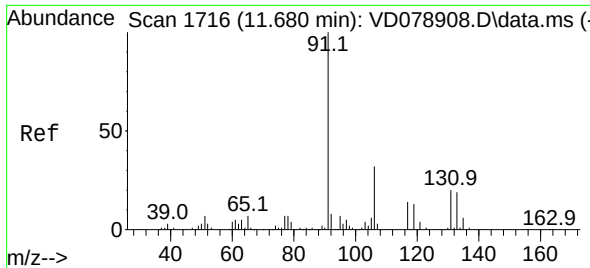
Tgt Ion:112 Resp: 38044
Ion Ratio Lower Upper
112 100
114 33.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 9.311 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Tgt Ion:131 Resp: 12469
Ion Ratio Lower Upper
131 100
133 95.7 49.2 147.6
119 72.9 33.4 100.2

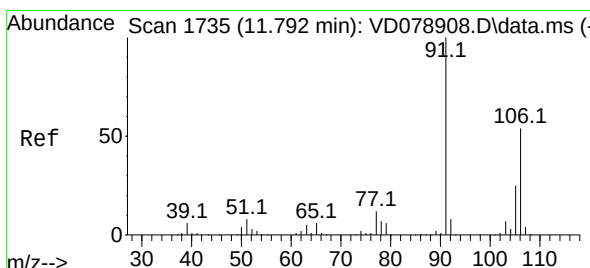
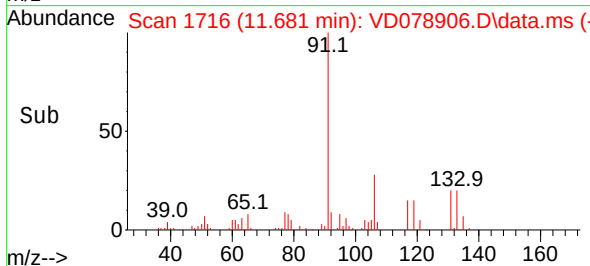
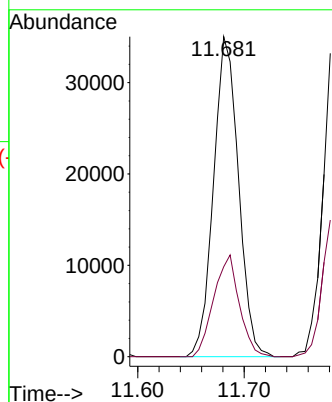
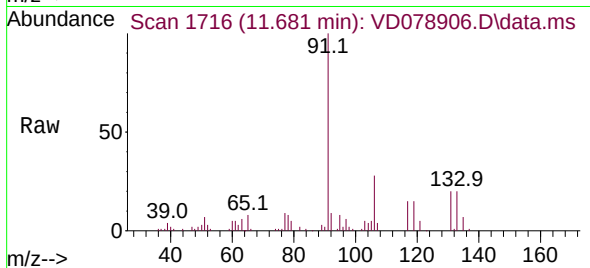




#67
Ethyl Benzene
Concen: 9.133 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

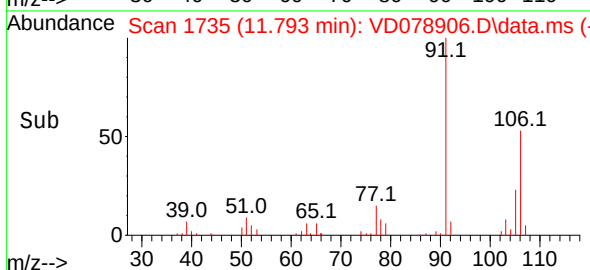
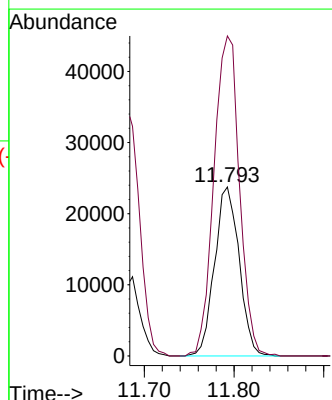
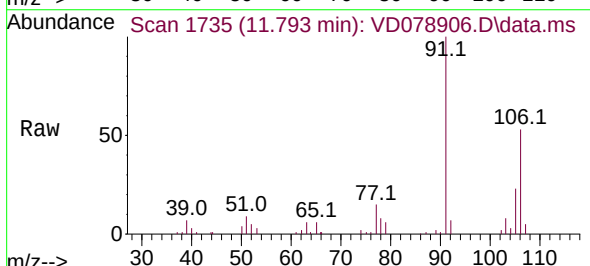
Instrument :
MSVOA_D
ClientSampleId :

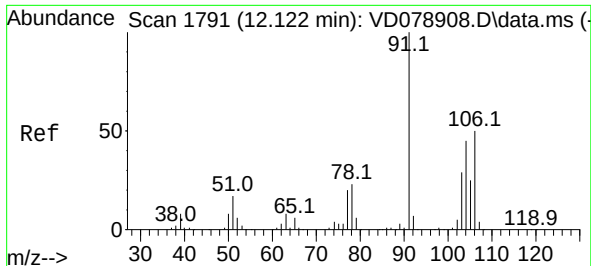
Tgt Ion: 91 Resp: 56907
Ion Ratio Lower Upper
91 100
106 28.1 25.8 38.6



#68
m/p-Xylenes
Concen: 17.847 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Tgt Ion:106 Resp: 45208
Ion Ratio Lower Upper
106 100
91 196.7 148.5 222.7





#69

o-Xylene

Concen: 8.980 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

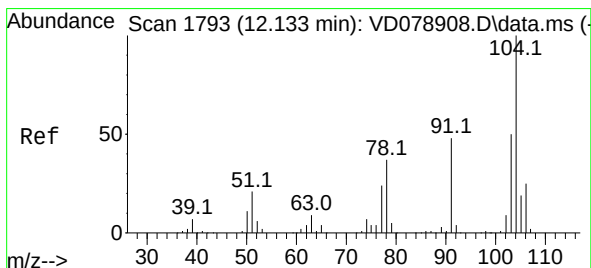
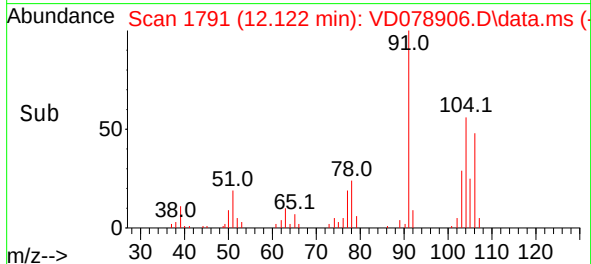
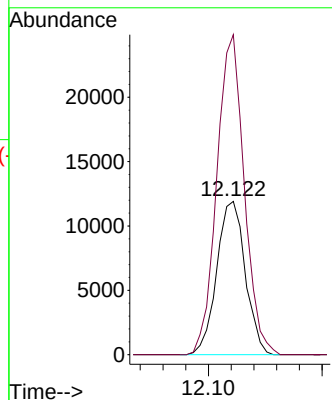
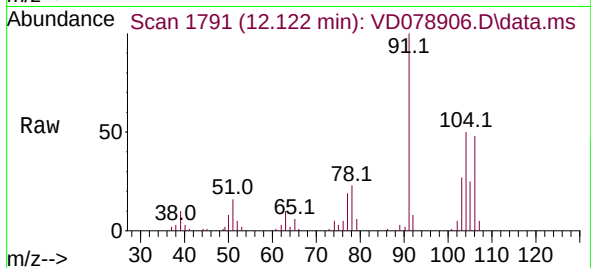
ClientSampleId :

Tgt Ion:106 Resp: 20739

Ion Ratio Lower Upper

106 100

91 200.9 96.7 290.1



#70

Styrene

Concen: 8.531 ug/l

RT: 12.140 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

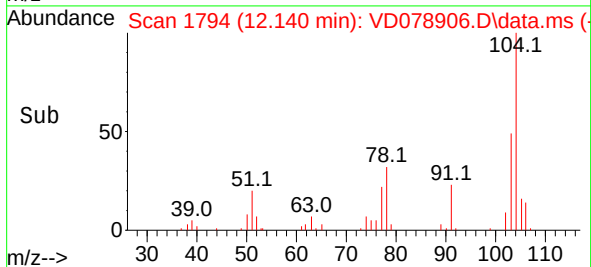
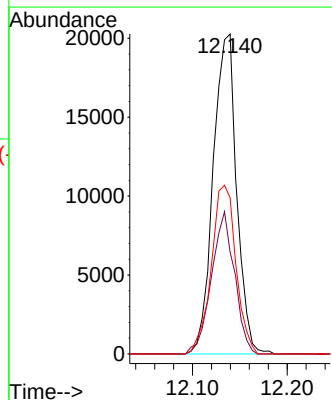
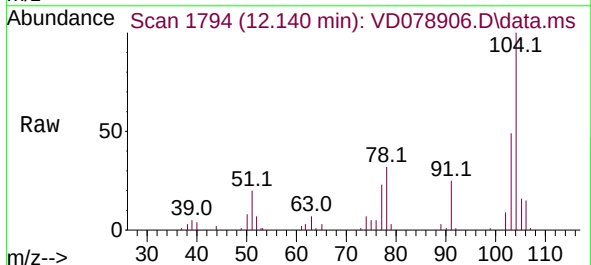
Tgt Ion:104 Resp: 34918

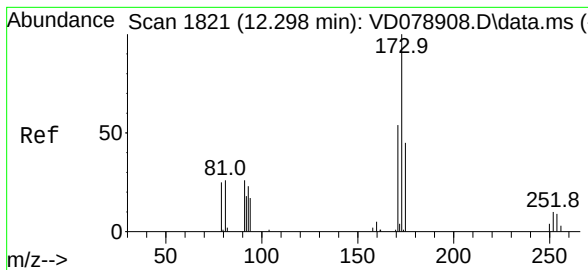
Ion Ratio Lower Upper

104 100

78 43.5 33.0 49.6

103 55.3 44.2 66.4

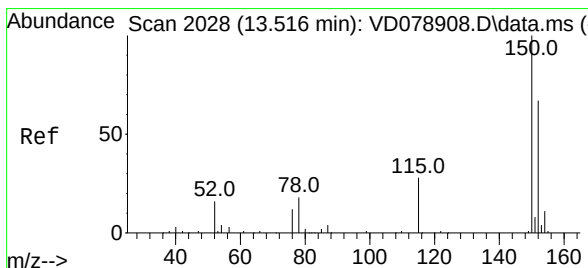
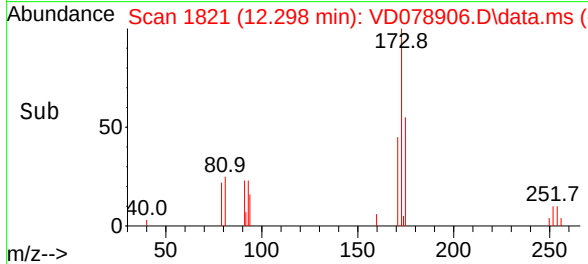
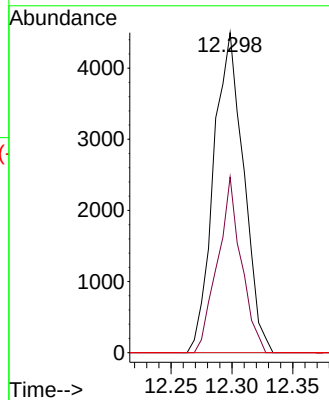
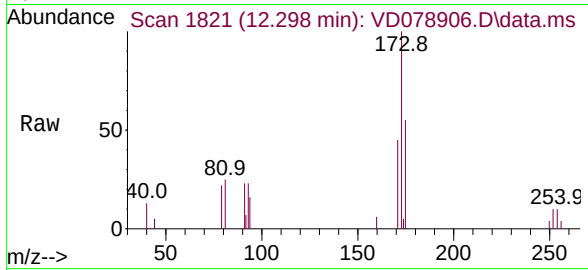




#71
Bromoform
Concen: 10.060 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

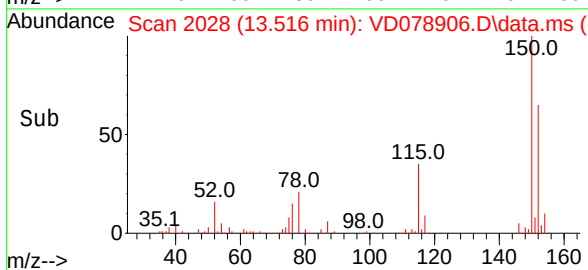
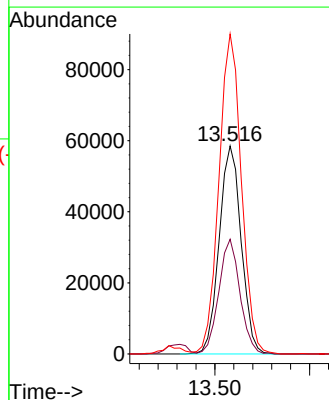
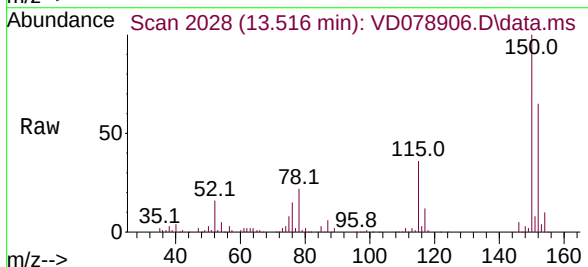
Instrument :
MSVOA_D
ClientSampleId :

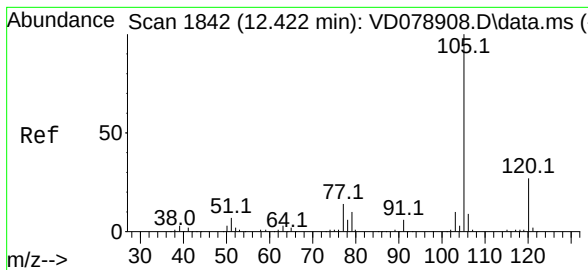
Tgt Ion:173 Resp: 7717
Ion Ratio Lower Upper
173 100
175 43.4 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Tgt Ion:152 Resp: 94337
Ion Ratio Lower Upper
152 100
115 53.2 26.5 79.5
150 157.2 0.0 341.6





#73

Isopropylbenzene

Concen: 9.128 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

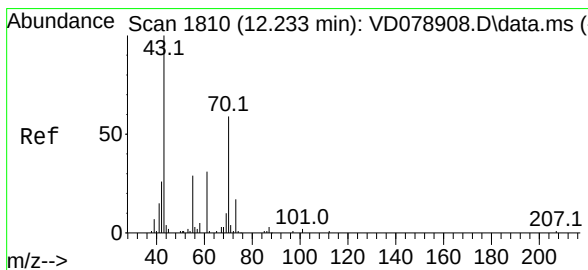
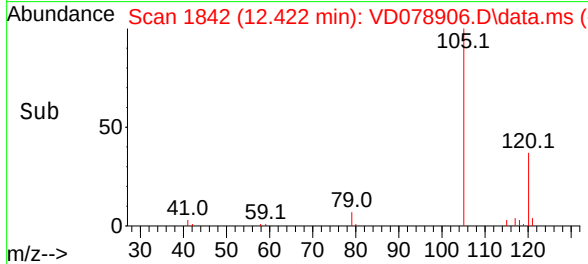
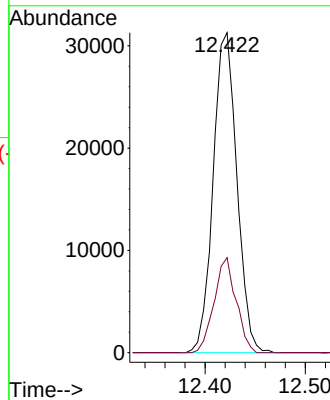
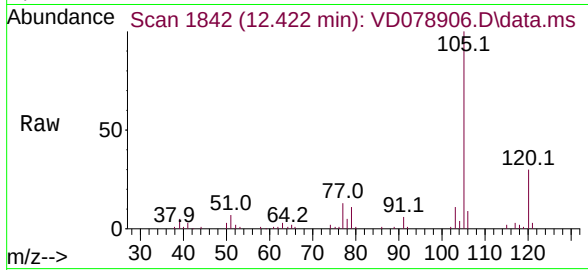
ClientSampleId :

Tgt Ion:105 Resp: 51398

Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.7



#74

N-ethyl acetate

Concen: 9.296 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Tgt Ion: 43 Resp: 8493

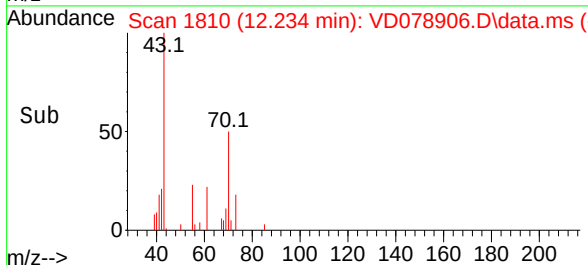
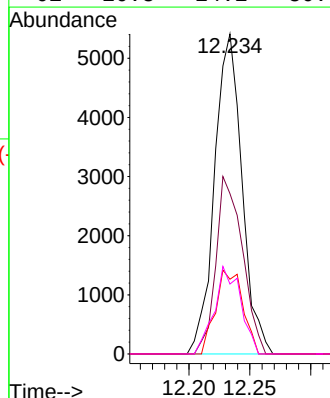
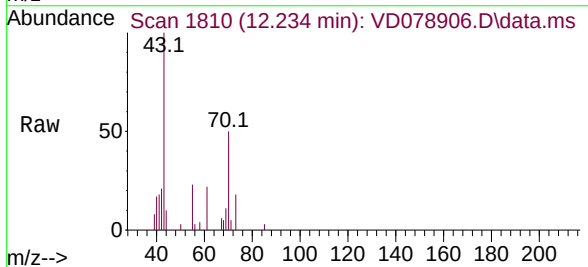
Ion Ratio Lower Upper

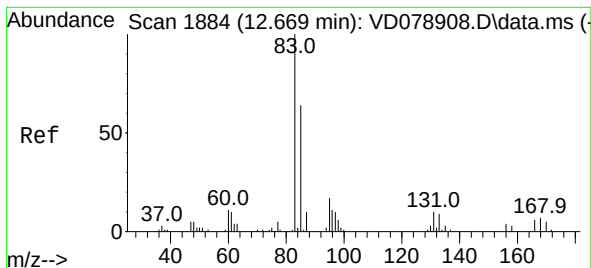
43 100

70 53.4 44.3 66.5

55 26.0 23.2 34.8

61 26.3 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 9.895 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

ClientSampleId :

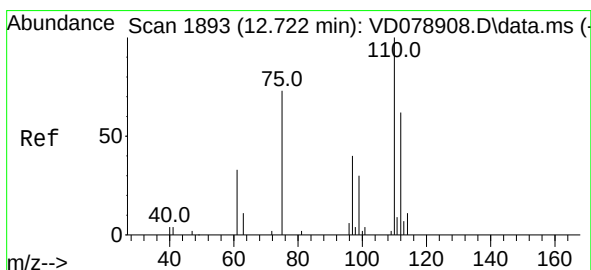
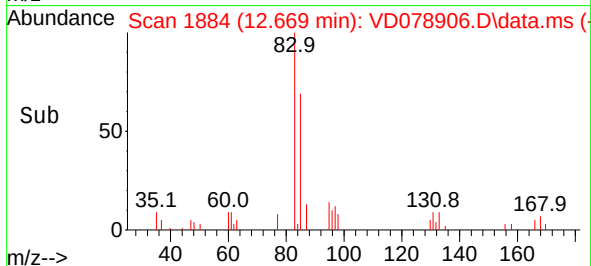
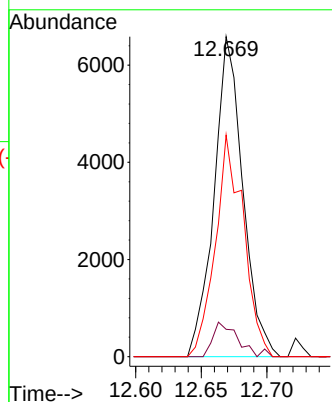
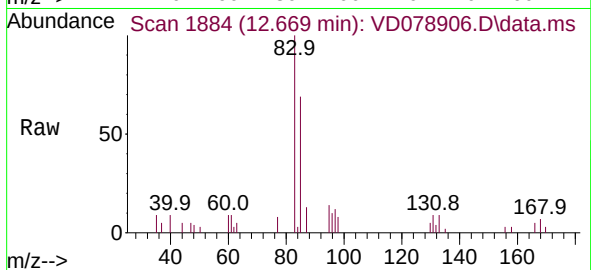
Tgt Ion: 83 Resp: 10050

Ion Ratio Lower Upper

83 100

131 9.4 5.5 16.5

85 67.6 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 16.983 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078906.D

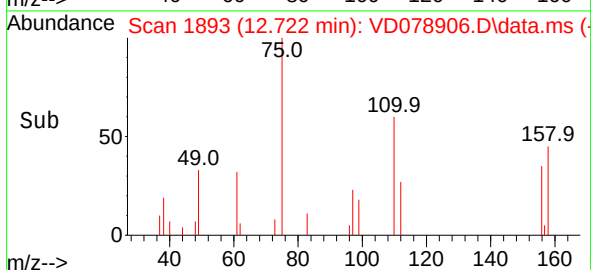
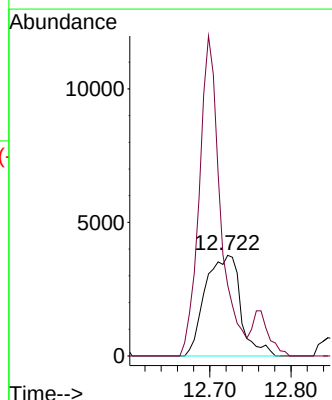
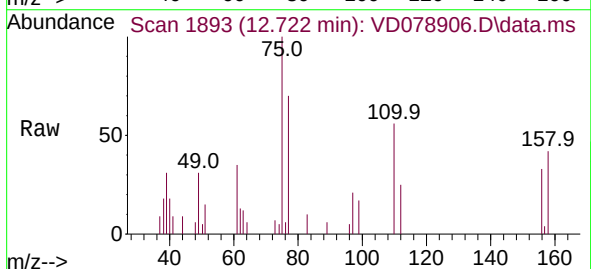
Acq: 13 May 2024 10:50

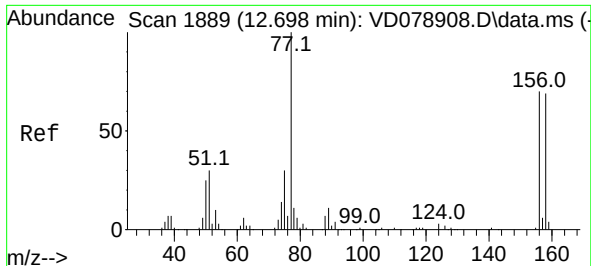
Tgt Ion: 75 Resp: 11362

Ion Ratio Lower Upper

75 100

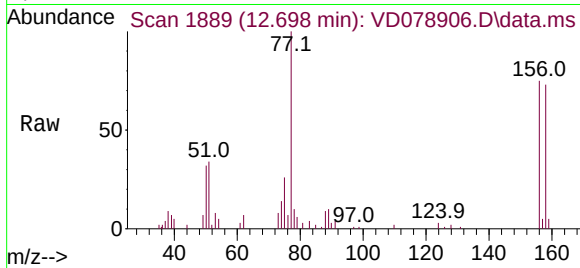
77 0.0 0.0 0.0



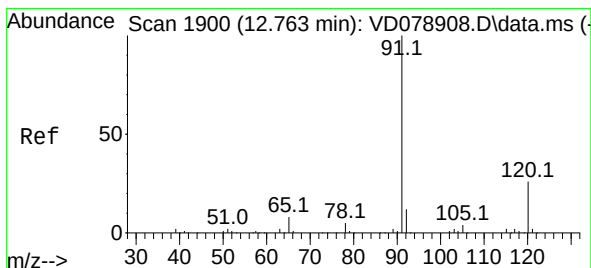
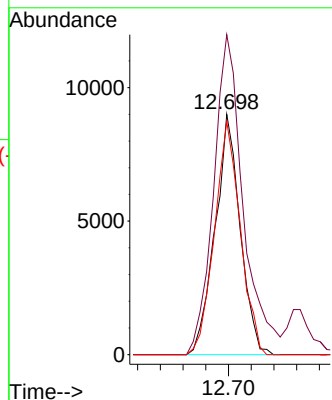
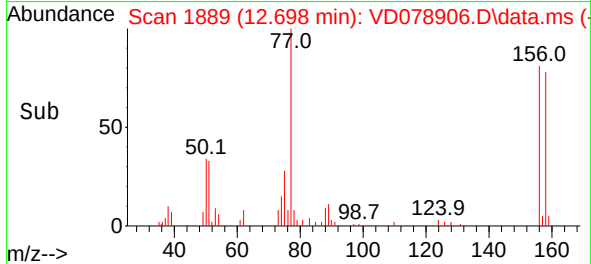


#77
Bromobenzene
Concen: 9.341 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Instrument :
MSVOA_D
ClientSampleId :

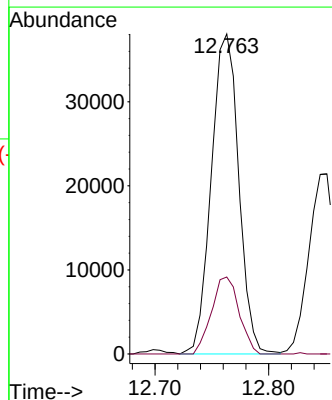
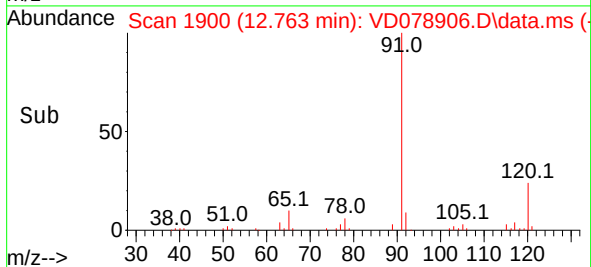
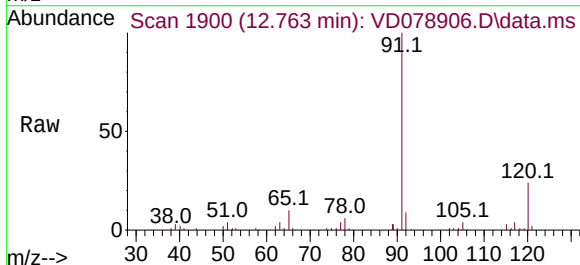


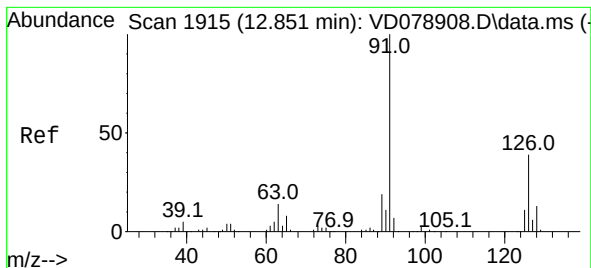
Tgt Ion:156 Resp: 13831
Ion Ratio Lower Upper
156 100
77 156.9 77.3 231.9
158 99.8 49.6 149.0



#78
n-propylbenzene
Concen: 9.385 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Tgt Ion: 91 Resp: 63870
Ion Ratio Lower Upper
91 100
120 24.1 12.3 36.8





#79

2-Chlorotoluene

Concen: 9.616 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

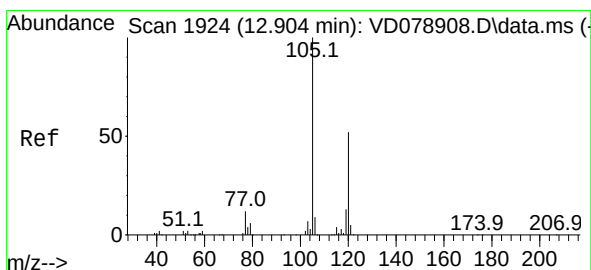
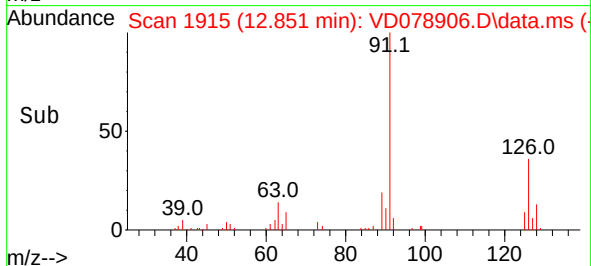
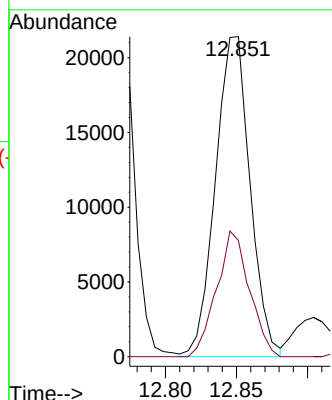
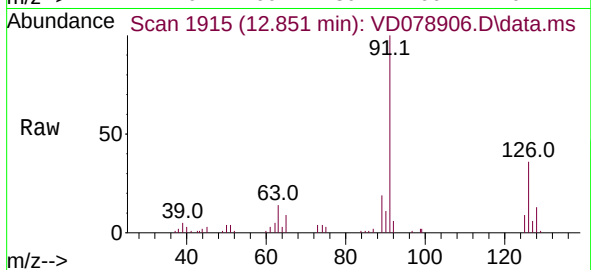
ClientSampleId :

Tgt Ion: 91 Resp: 36371

Ion Ratio Lower Upper

91 100

126 37.1 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 9.333 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. -0.005 min

Lab File: VD078906.D

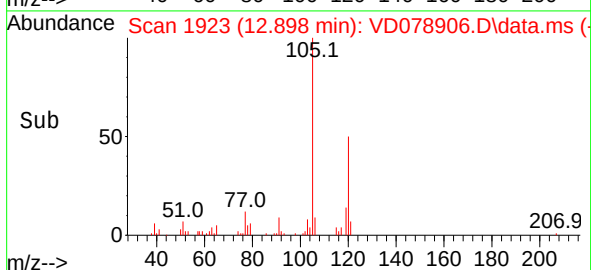
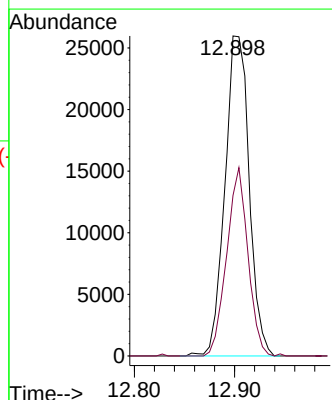
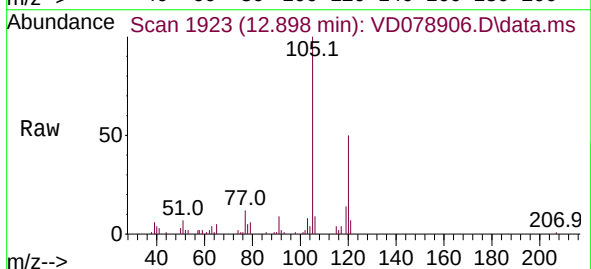
Acq: 13 May 2024 10:50

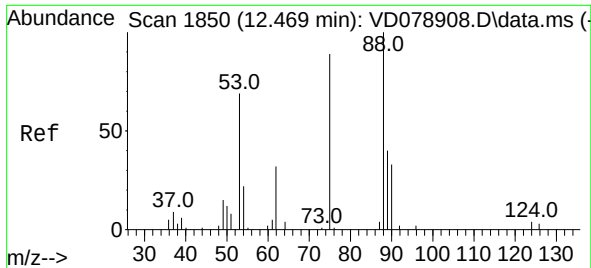
Tgt Ion:105 Resp: 43659

Ion Ratio Lower Upper

105 100

120 51.7 25.7 77.1

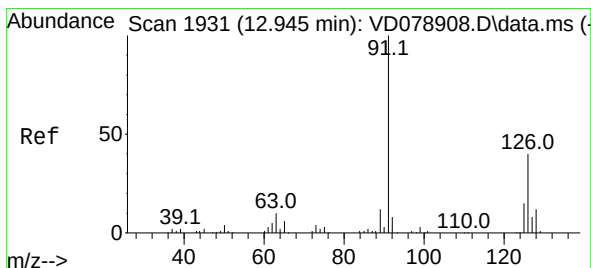
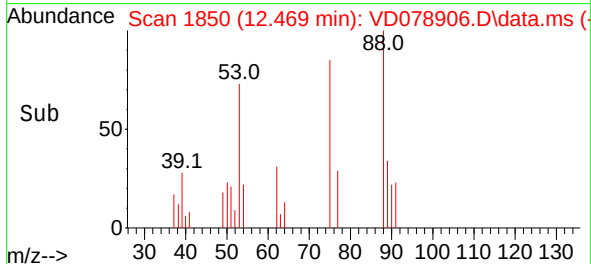
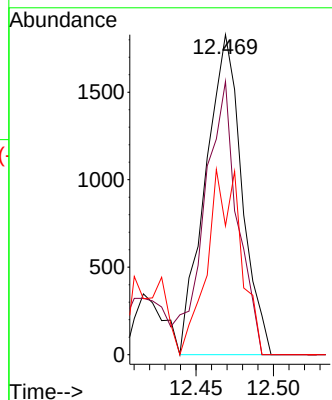
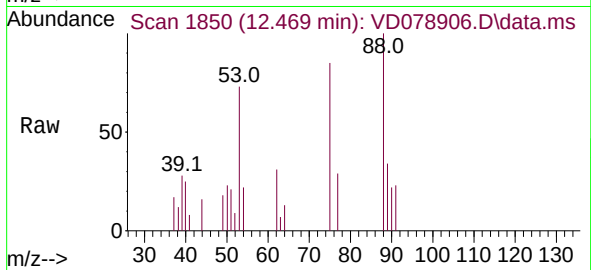




#81
trans-1,4-Dichloro-2-butene
Concen: 8.907 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

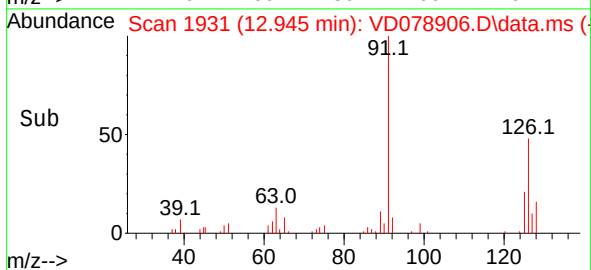
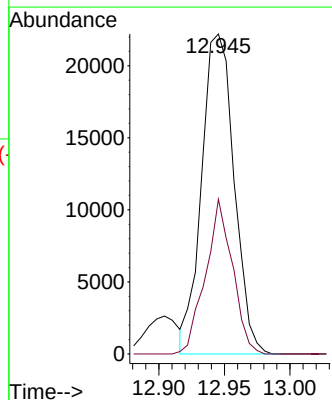
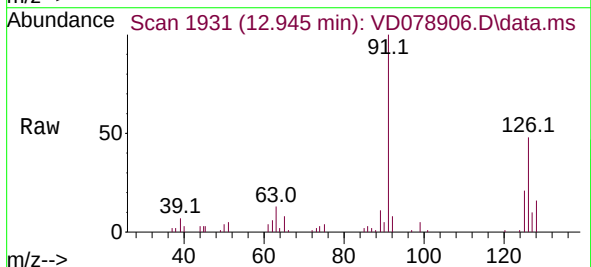
Instrument :
MSVOA_D
ClientSampleId :

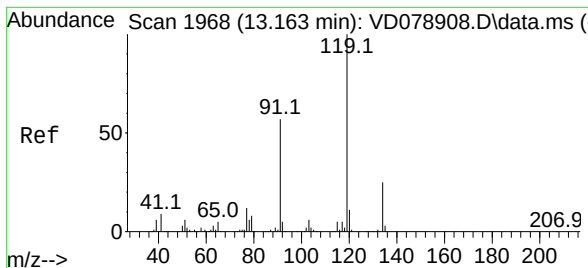
Tgt Ion: 75 Resp: 2983
Ion Ratio Lower Upper
75 100
53 78.0 61.4 92.2
89 53.2 35.4 53.0#



#82
4-Chlorotoluene
Concen: 9.661 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

Tgt Ion: 91 Resp: 38338
Ion Ratio Lower Upper
91 100
126 40.2 18.9 56.9





#83

tert-Butylbenzene

Concen: 9.102 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD078906.D

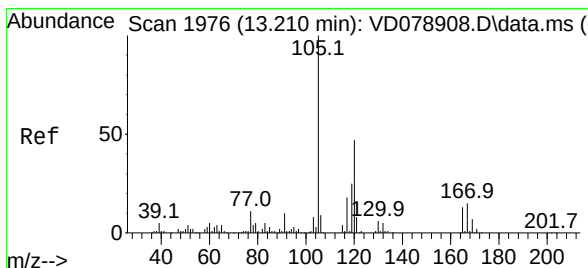
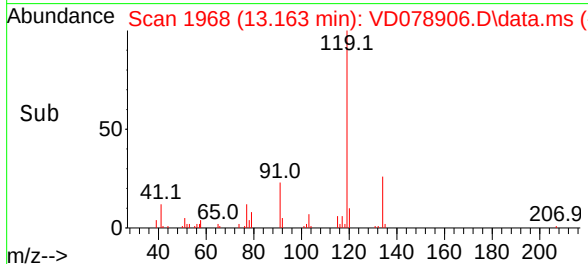
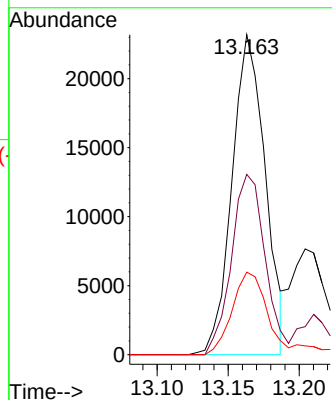
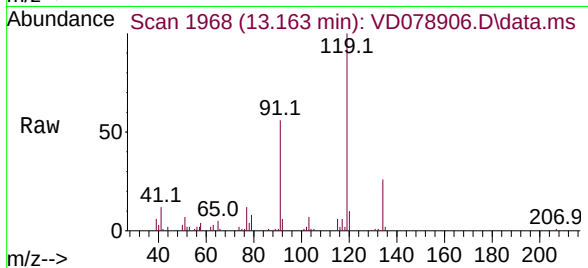
Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	119	Resp:	37655
Ion Ratio	Lower	Upper	
119	100		
91	57.1	28.2	84.7
134	29.1	13.4	40.1



#84

1,2,4-Trimethylbenzene

Concen: 8.960 ug/l

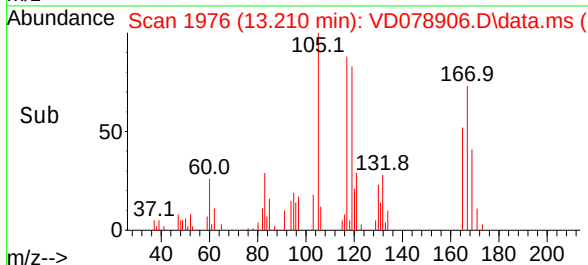
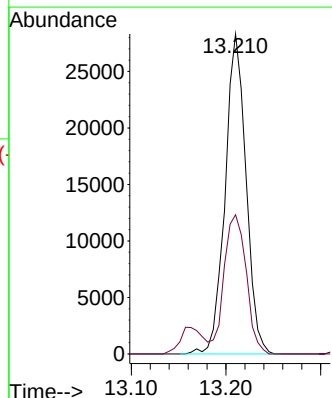
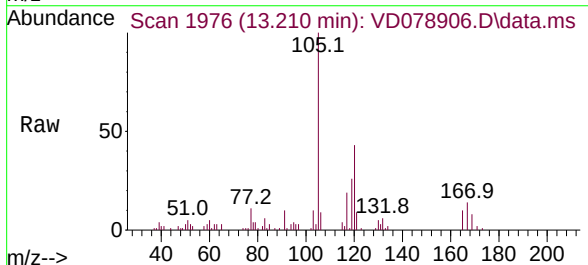
RT: 13.210 min Scan# 1976

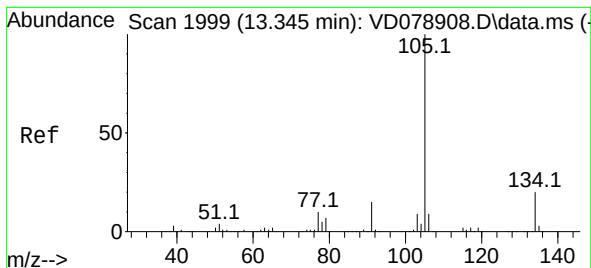
Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Tgt Ion:	105	Resp:	43418
Ion Ratio	Lower	Upper	
105	100		
120	46.3	23.6	71.0





#85

sec-Butylbenzene

Concen: 9.336 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

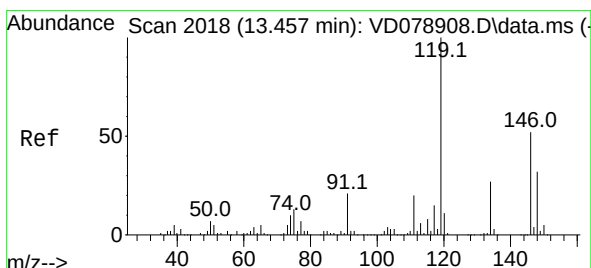
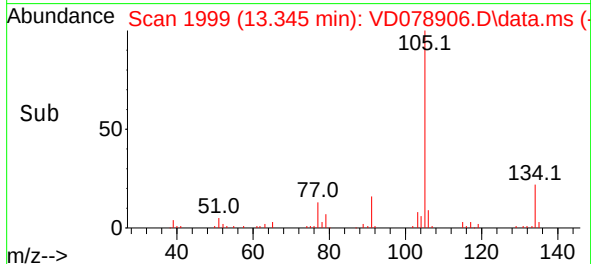
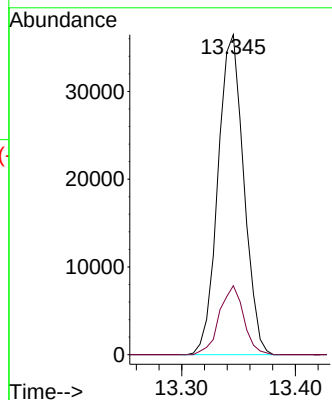
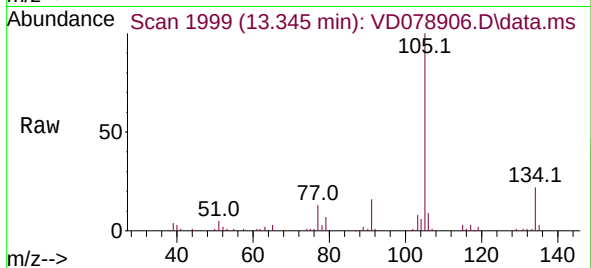
ClientSampleId :

Tgt Ion:105 Resp: 57618

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.8



#86

p-Isopropyltoluene

Concen: 8.830 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

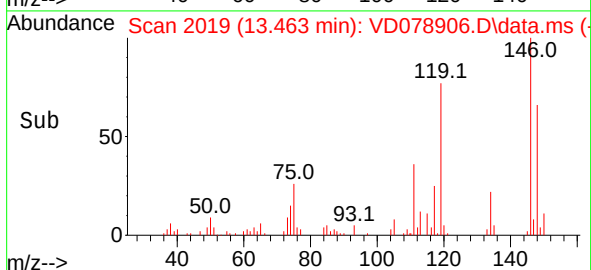
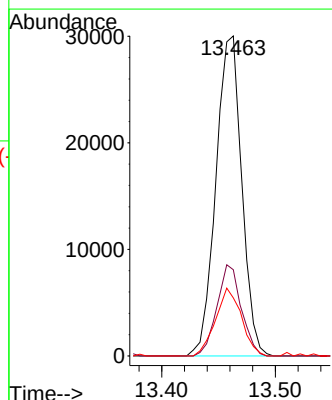
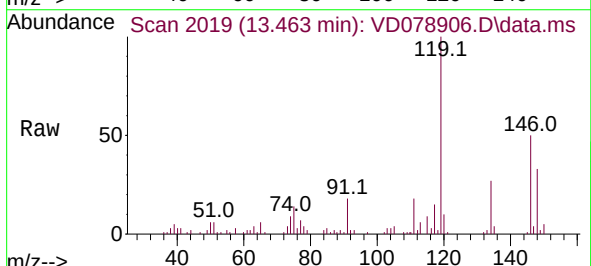
Tgt Ion:119 Resp: 47477

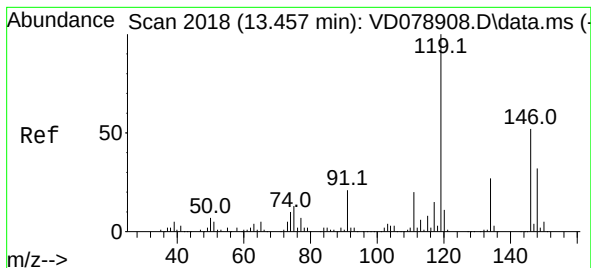
Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.1

91 21.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 9.419 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

ClientSampleId :

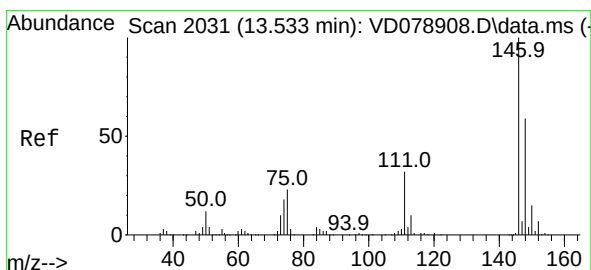
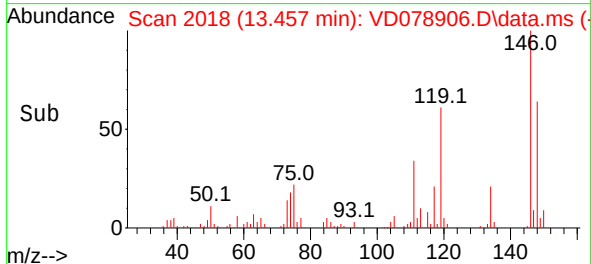
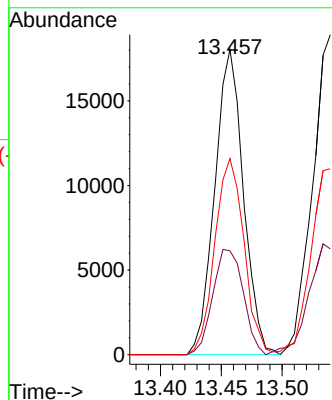
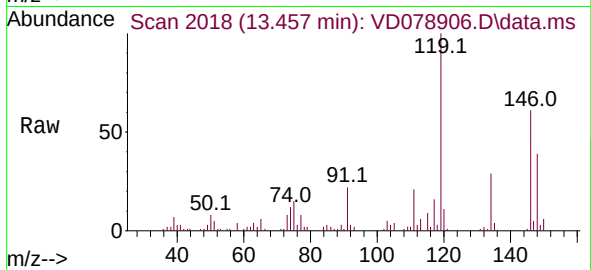
Tgt Ion:146 Resp: 29513

Ion Ratio Lower Upper

146 100

111 36.6 18.5 55.5

148 65.6 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 9.797 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.006 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

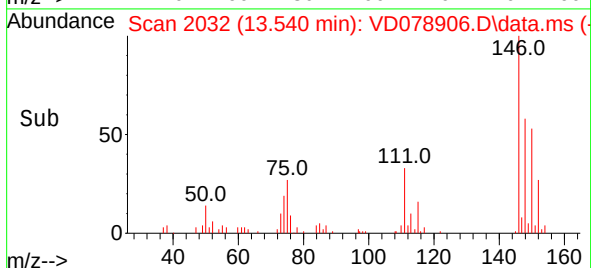
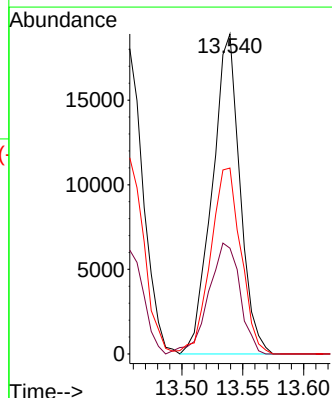
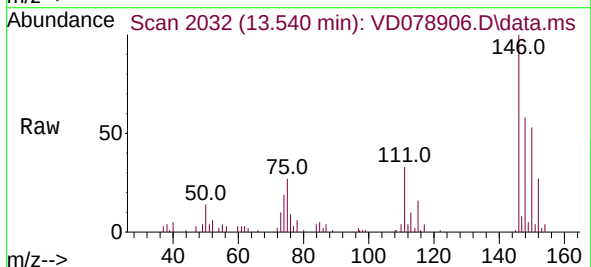
Tgt Ion:146 Resp: 30063

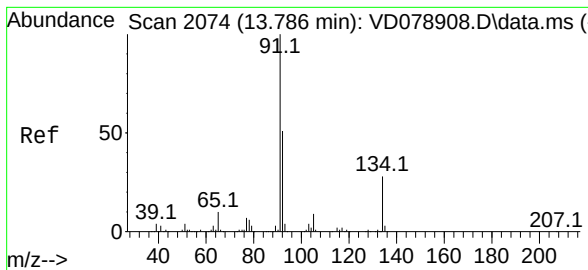
Ion Ratio Lower Upper

146 100

111 39.0 17.5 52.6

148 63.5 31.4 94.2

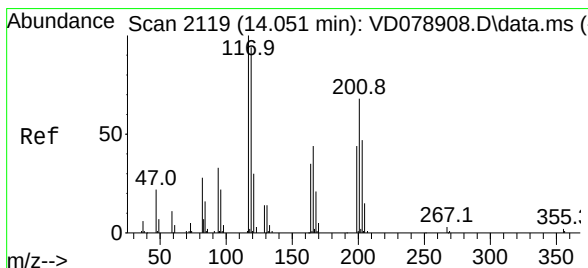
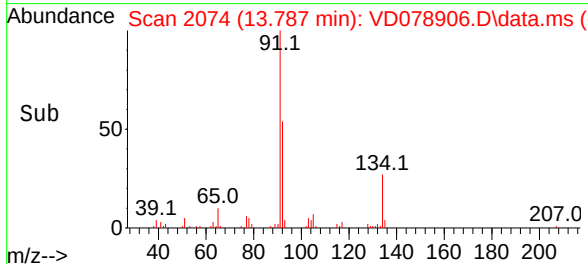
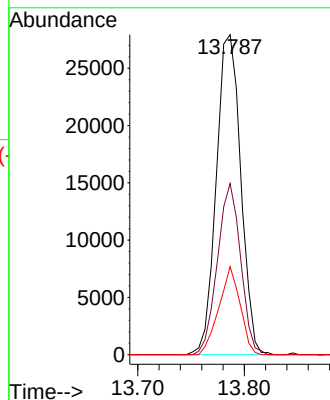
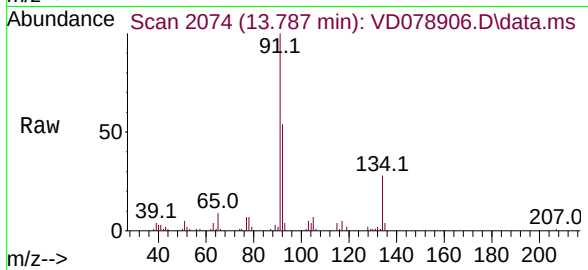




#89
n-Butylbenzene
Concen: 9.229 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

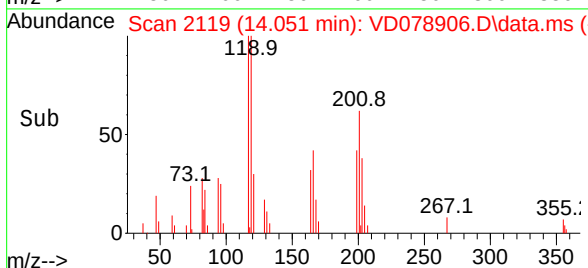
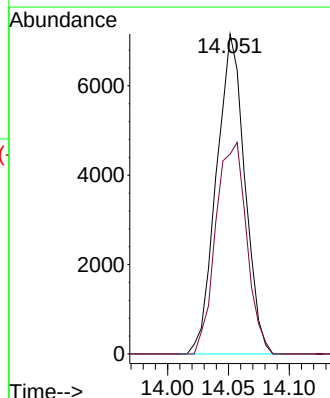
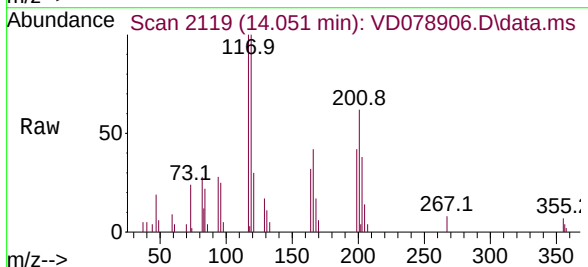
Instrument :
MSVOA_D
ClientSampleId :

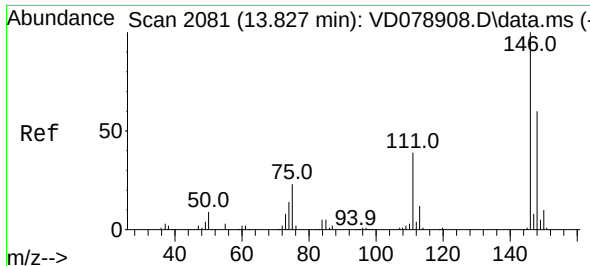
Tgt Ion: 91 Resp: 44463
Ion Ratio Lower Upper
91 100
92 50.7 25.7 77.0
134 24.0 13.6 40.8



#90
Hexachloroethane
Concen: 10.215 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

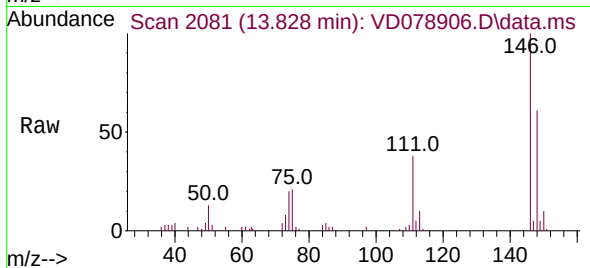
Tgt Ion: 117 Resp: 11585
Ion Ratio Lower Upper
117 100
201 72.1 36.3 108.9



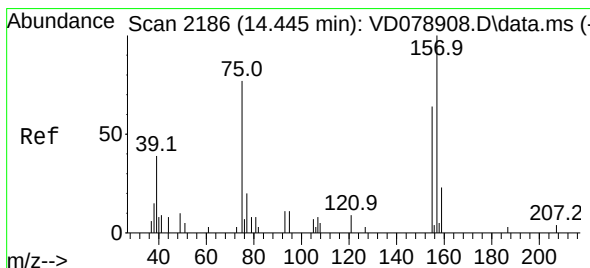
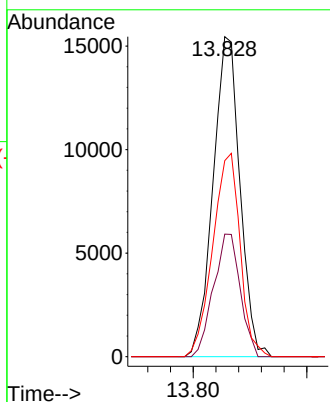
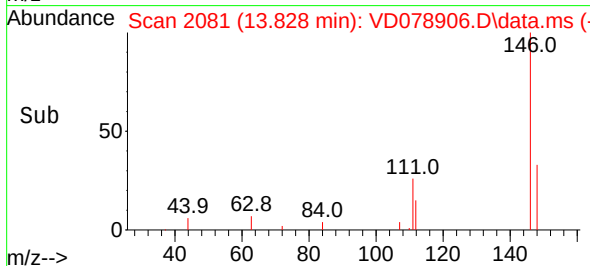


#91
1,2-Dichlorobenzene
Concen: 9.677 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50

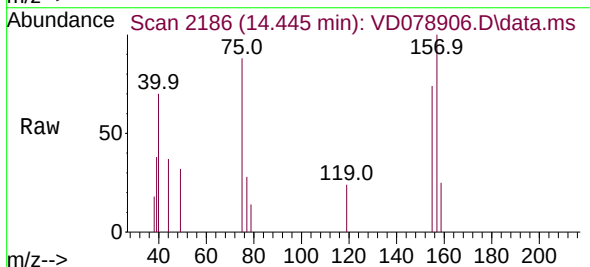
Instrument :
MSVOA_D
ClientSampleId :



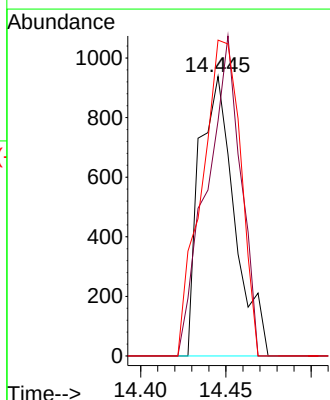
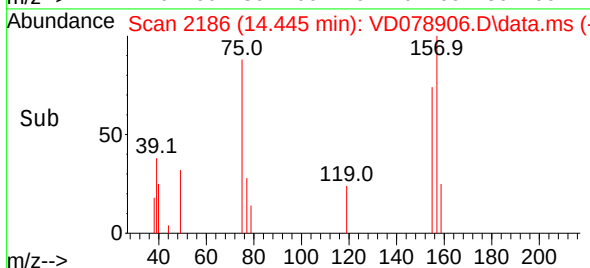
Tgt Ion:146 Resp: 25368
Ion Ratio Lower Upper
146 100
111 38.0 19.1 57.1
148 64.6 31.1 93.5

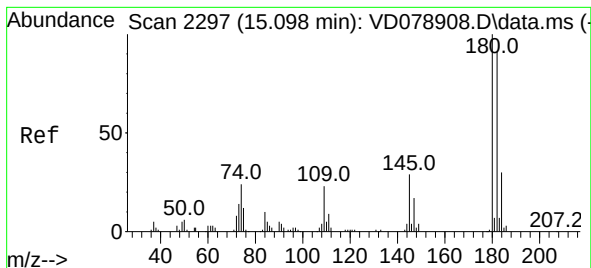


#92
1,2-Dibromo-3-Chloropropane
Concen: 9.955 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078906.D
Acq: 13 May 2024 10:50



Tgt Ion: 75 Resp: 1346
Ion Ratio Lower Upper
75 100
155 110.2 47.7 143.1
157 125.2 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 9.022 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

ClientSampleId :

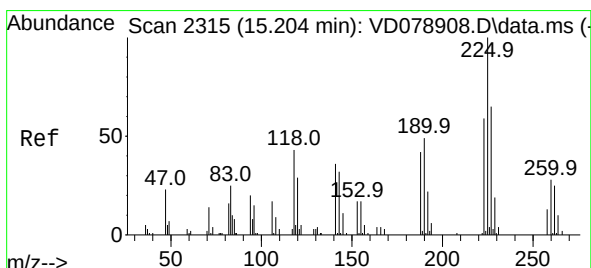
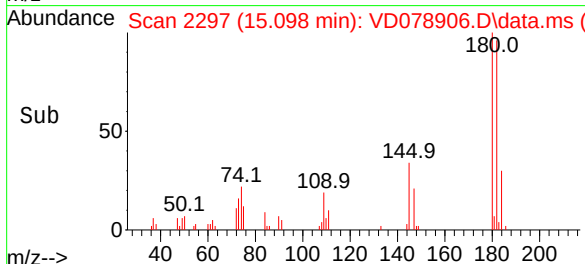
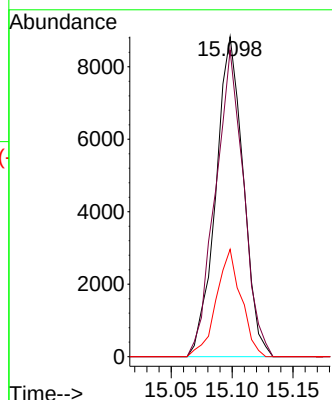
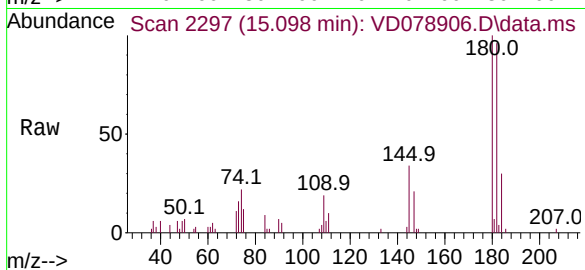
Tgt Ion:180 Resp: 13887

Ion Ratio Lower Upper

180 100

182 98.2 46.9 140.7

145 30.4 14.0 41.9



#94

Hexachlorobutadiene

Concen: 10.182 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.005 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

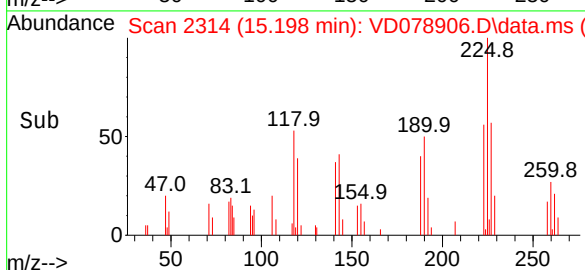
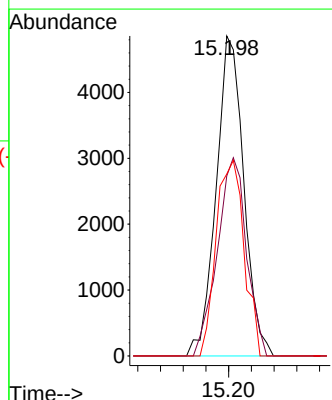
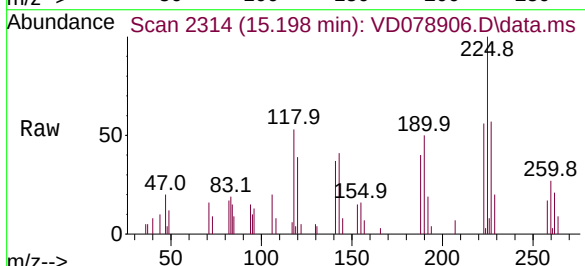
Tgt Ion:225 Resp: 8191

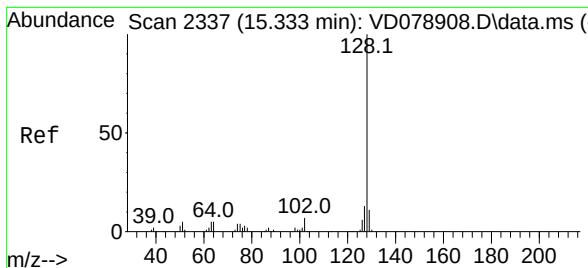
Ion Ratio Lower Upper

225 100

223 65.5 33.3 99.9

227 61.8 33.6 100.6





#95

Naphthalene

Concen: 8.521 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.001 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Instrument :

MSVOA_D

ClientSampleId :

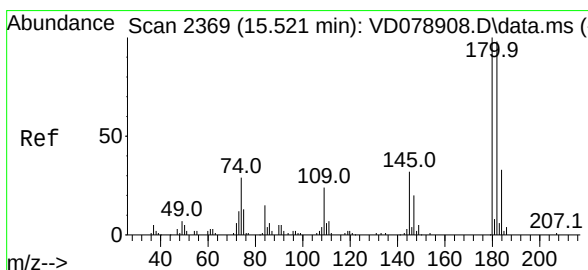
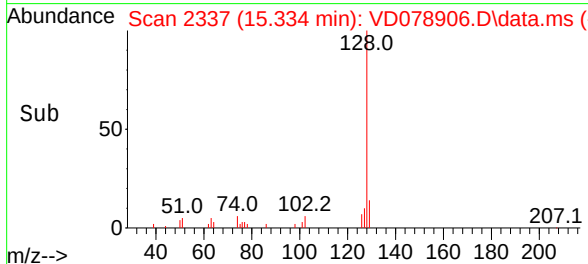
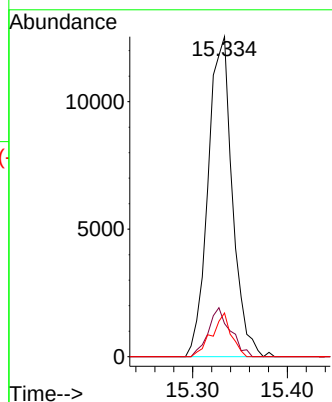
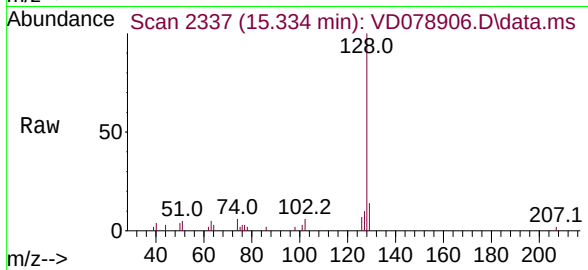
Tgt Ion:128 Resp: 22343

Ion Ratio Lower Upper

128 100

127 10.3 10.2 15.4

129 13.6 8.5 12.7#



#96

1,2,3-Trichlorobenzene

Concen: 9.081 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078906.D

Acq: 13 May 2024 10:50

Tgt Ion:180 Resp: 12434

Ion Ratio Lower Upper

180 100

182 94.7 47.8 143.3

145 31.2 16.1 48.2

