

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076822.D
 Acq On : 26 Jul 2023 22:57
 Operator : KP/SY
 Sample : 03775-04
 Misc : 5.51G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 27 04:29:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	113215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	324612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	179238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	38749	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.257	65	84855	75.249	ug/l	0.03
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.500%	
35) Dibromofluoromethane	7.804	113	111117	54.472	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.940%	
50) Toluene-d8	10.275	98	316955	43.434	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 86.860%	
62) 4-Bromofluorobenzene	12.575	95	58318	24.703	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 49.400%	

Target Compounds

						Qvalue
3) Chloromethane	2.246	50	41152	26.946	ug/l #	79
13) Acrolein	3.746	56	3835	66.878	ug/l #	1
14) Allyl chloride	4.669	41	29526	20.091	ug/l #	21
15) Acrylonitrile	5.234	53	621	2.027	ug/l #	29
16) Acetone	4.016	43	22268	82.686	ug/l	89
17) Carbon Disulfide	4.263	76	131421	50.296	ug/l	99
18) Methyl Acetate	4.640	43	8903	8.799	ug/l #	42
25) 2-Butanone	7.081	43	6963	19.319	ug/l #	64
29) Tetrahydrofuran	7.457	42	860	4.038	ug/l #	80
30) Chloroform	7.622	83	3324	1.293	ug/l #	28
31) Cyclohexane	7.875	56	44060	26.549	ug/l #	93
36) 1,1-Dichloropropene	8.240	75	2050064	769.091	ug/l #	1
37) Ethyl Acetate	7.081	43	6963	5.841	ug/l #	62
38) Carbon Tetrachloride	7.881	117	11955	4.684	ug/l #	18
39) Methylcyclohexane	9.269	83	95519	31.034	ug/l	98
41) Methacrylonitrile	7.428	41	737	1.012	ug/l #	17
42) 1,2-Dichloroethane	8.246	62	883551	404.314	ug/l #	68
43) Isopropyl Acetate	8.369	43	2889	1.242	ug/l #	43
48) Methyl methacrylate	9.340	41	8836	8.345	ug/l #	1
51) 4-Methyl-2-Pentanone	10.046	43	16209	13.086	ug/l #	28
53) t-1,3-Dichloropropene	10.381	75	451927	152.677	ug/l #	1
55) 1,1,2-Trichloroethane	10.593	97	2539034	1368.230	ug/l #	20
56) Ethyl methacrylate	10.593	69	154373	72.075	ug/l #	36
58) 2-Chloroethyl Vinyl ether	9.857	63	2246	2.709	ug/l #	43
59) 2-Hexanone	10.893	43	21331	24.134	ug/l #	20
65) Chlorobenzene	11.775	112	674803	187.193	ug/l #	52
67) Ethyl Benzene	11.781	91	2645266	417.838	ug/l #	9
68) m/p-Xylenes	11.787	106	3491839	1436.137	ug/l #	25
70) Styrene	12.140	104	19622772	4767.503	ug/l #	45
73) Isopropylbenzene	12.422	105	6711639	2387.363	ug/l	98
74) N-amyl acetate	12.210	43	36300	61.290	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.639	83	4105	6.801	ug/l #	25
76) 1,2,3-Trichloropropane	12.698	75	58084	157.624	ug/l #	100
77) Bromobenzene	12.716	156	628641	968.750	ug/l #	1
78) n-propylbenzene	12.763	91	2366603	694.381	ug/l	97
79) 2-Chlorotoluene	13.081	91	1427333	763.790	ug/l	86

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 Response via : Initial Calibration

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

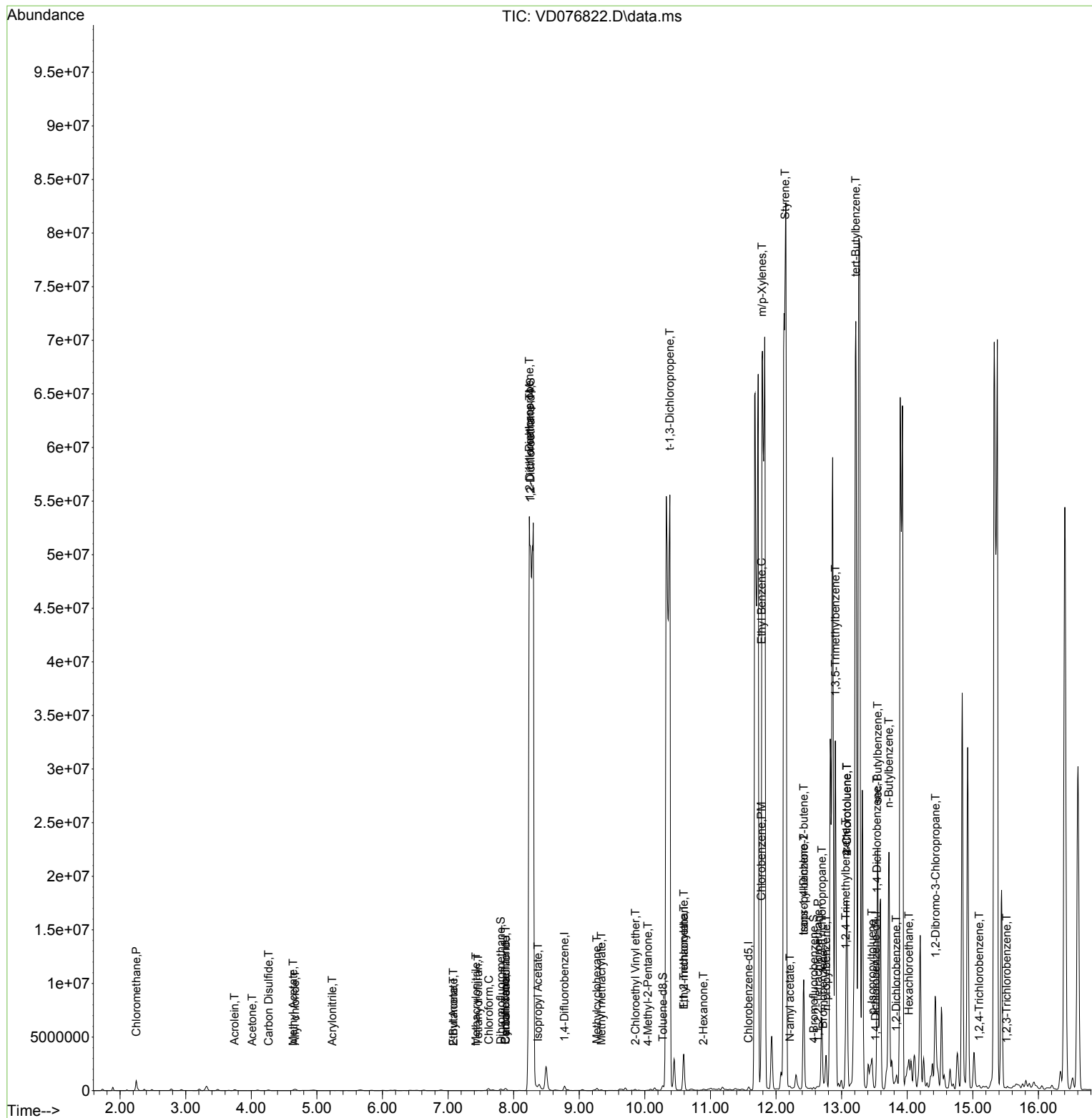
80) 1,3,5-Trimethylbenzene	12.904	105	13990406	6154.462	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.422	75	76916	444.227	ug/l #	57
82) 4-Chlorotoluene	13.081	91	1427333	731.123	ug/l	86
83) tert-Butylbenzene	13.216	119	8089482	4041.629	ug/l #	52
84) 1,2,4-Trimethylbenzene	13.063	105	3491618	1503.073	ug/l	74
85) sec-Butylbenzene	13.551	105	12229614	3999.206	ug/l #	54
86) p-Isopropyltoluene	13.463	119	790183	312.882	ug/l #	77
88) 1,4-Dichlorobenzene	13.539	146	3216	2.459	ug/l #	50
89) n-Butylbenzene	13.722	91	2604232	1053.786	ug/l #	47
90) Hexachloroethane	14.028	117	1323938	2835.554	ug/l #	11
91) 1,2-Dichlorobenzene	13.834	146	1624	1.381	ug/l #	71
92) 1,2-Dibromo-3-Chloropr...	14.434	75	134001	1556.986	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.098	180	4402	6.131	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.516	180	1491	2.314	ug/l #	1

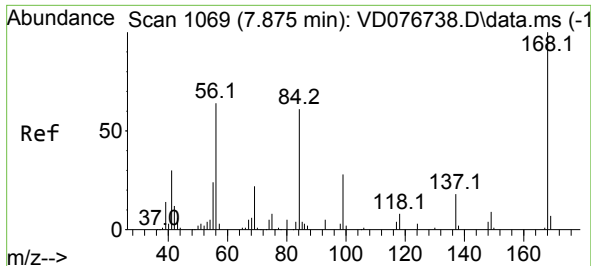
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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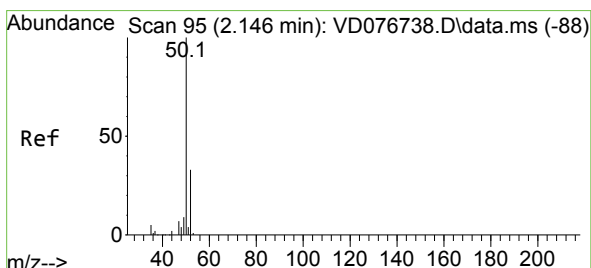
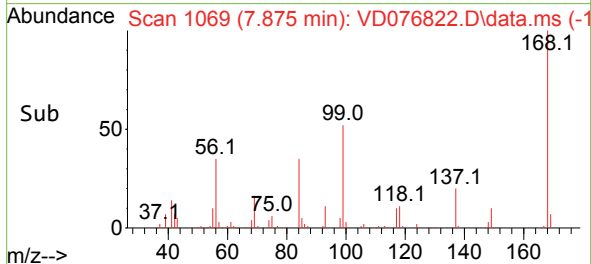
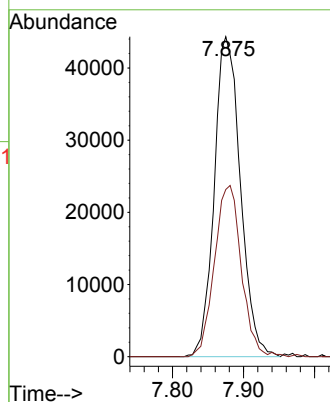
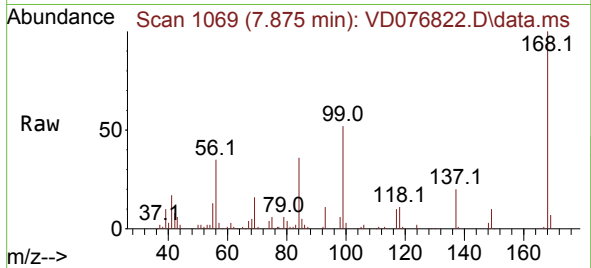




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

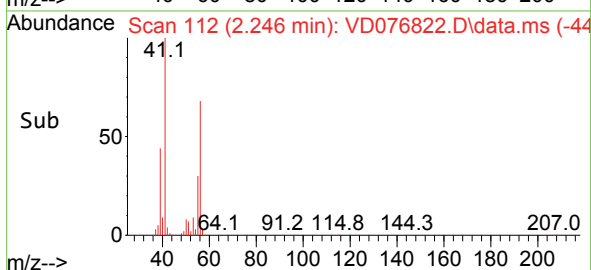
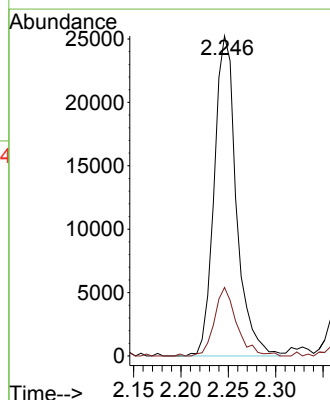
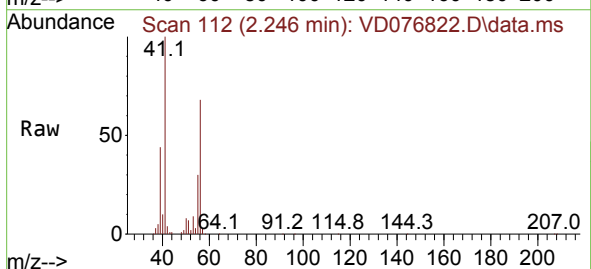
Instrument :
MSVOA_D
ClientSampleId :

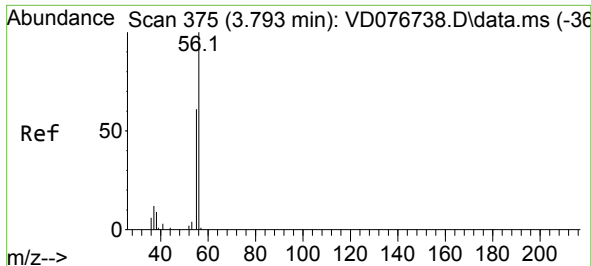
Tgt Ion:168 Resp: 113215
Ion Ratio Lower Upper
168 100
99 52.2 36.7 55.1



#3
Chloromethane
Concen: 26.946 ug/l
RT: 2.246 min Scan# 112
Delta R.T. 0.100 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

Tgt Ion: 50 Resp: 41152
Ion Ratio Lower Upper
50 100
52 21.4 26.6 40.0#





#13

Acrolein

Concen: 66.878 ug/l

RT: 3.746 min Scan# 3

Delta R.T. -0.047 min

Lab File: VD076822.D

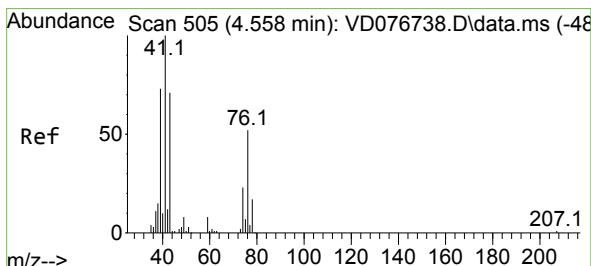
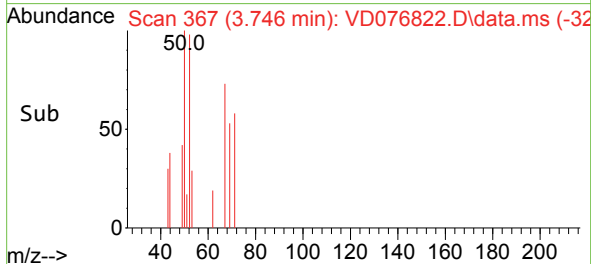
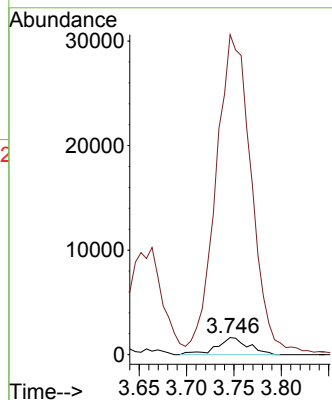
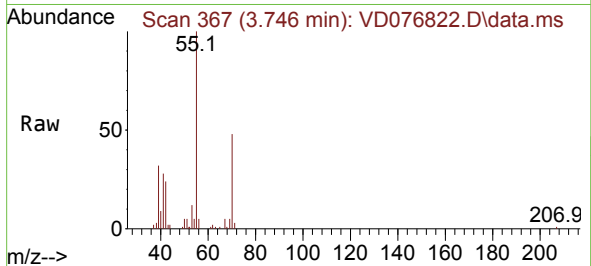
Acq: 26 Jul 2023 22:57

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 56 Resp: 3835
 Ion Ratio Lower Upper
 56 100
 55 2097.7 55.1 82.7#



#14

Allyl chloride

Concen: 20.091 ug/l

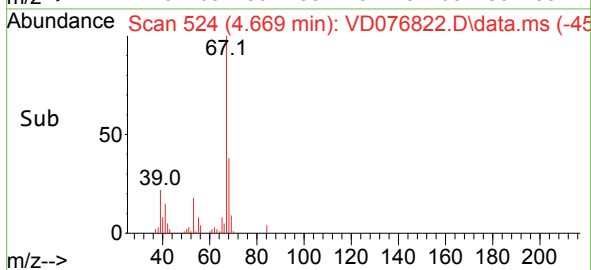
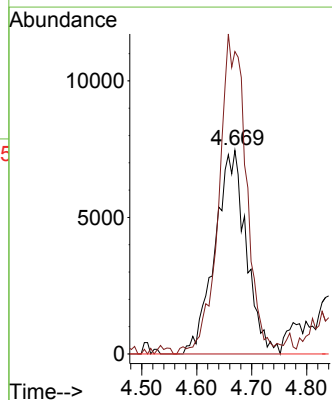
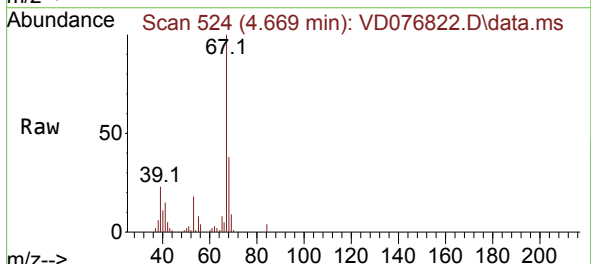
RT: 4.669 min Scan# 524

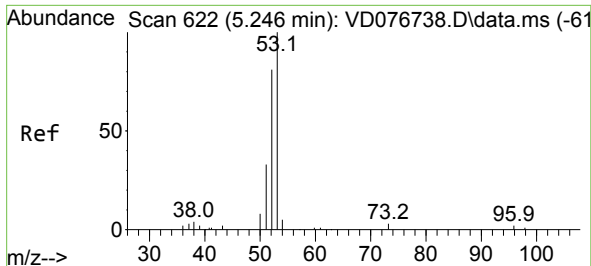
Delta R.T. 0.111 min

Lab File: VD076822.D

Acq: 26 Jul 2023 22:57

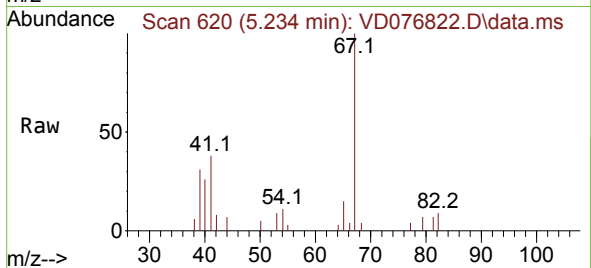
Tgt Ion: 41 Resp: 29526
 Ion Ratio Lower Upper
 41 100
 39 132.2 53.8 80.6#
 76 0.0 45.8 68.8#



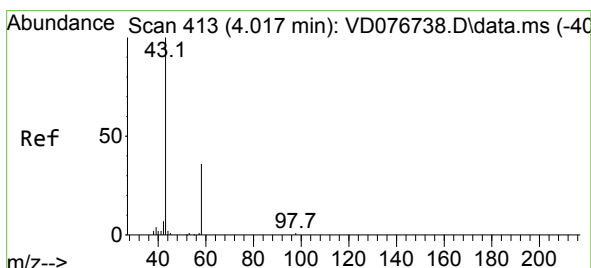
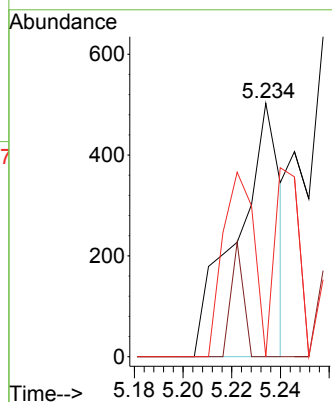
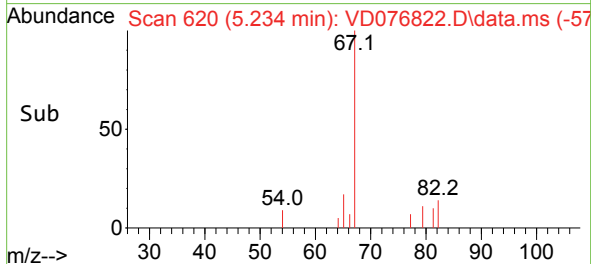


#15
Acrylonitrile
Concen: 2.027 ug/l
RT: 5.234 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

Instrument :
MSVOA_D
ClientSampleId :

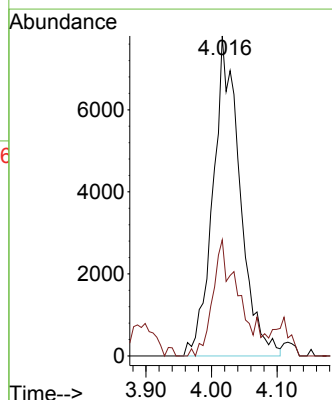
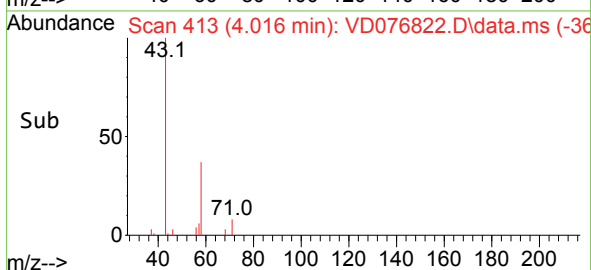
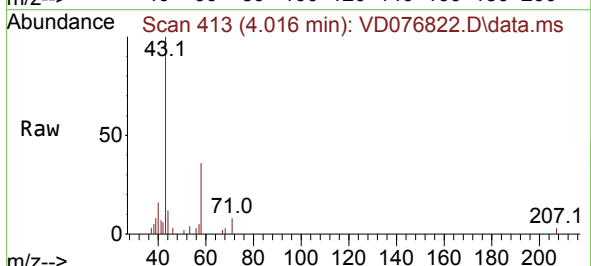


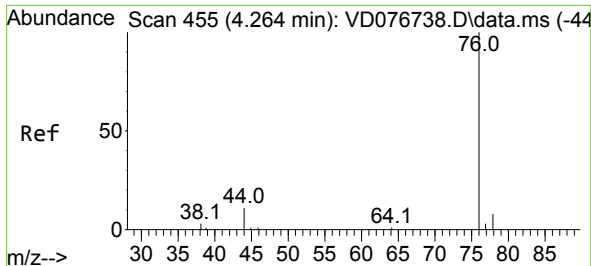
Tgt Ion: 53 Resp: 621
Ion Ratio Lower Upper
53 100
52 0.0 65.0 97.4#
51 50.2 28.3 42.5#



#16
Acetone
Concen: 82.686 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.001 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

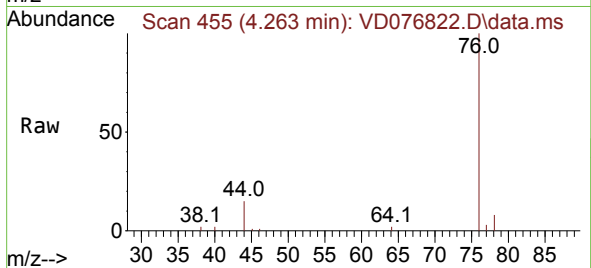
Tgt Ion: 43 Resp: 22268
Ion Ratio Lower Upper
43 100
58 36.3 34.7 52.1



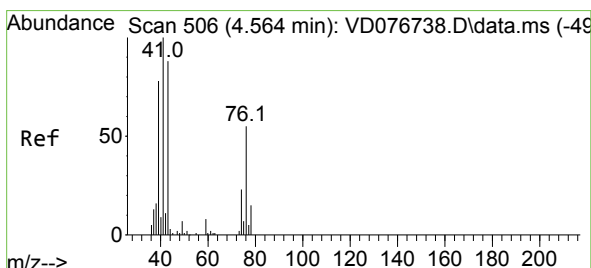
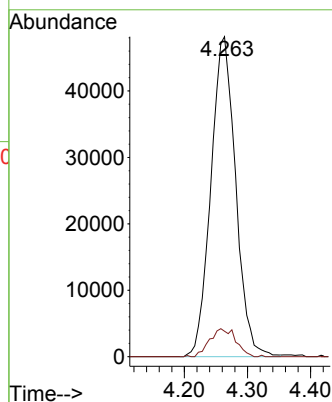
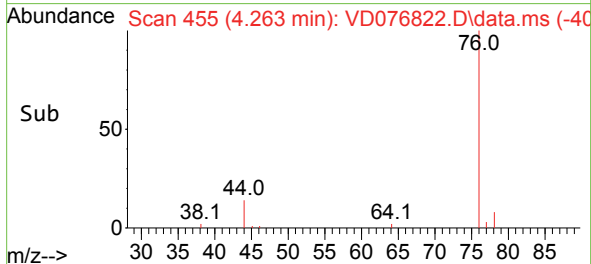


#17
Carbon Disulfide
Concen: 50.296 ug/l
RT: 4.263 min Scan# 411
Delta R.T. -0.001 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

Instrument :
MSVOA_D
ClientSampleId :

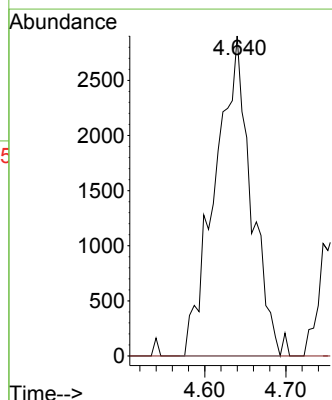
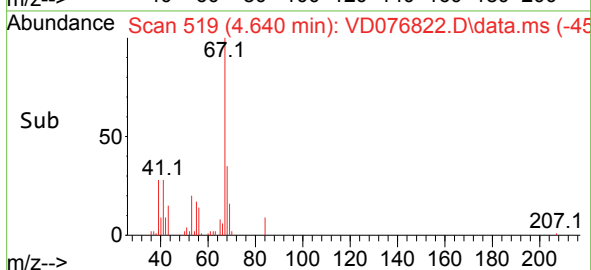
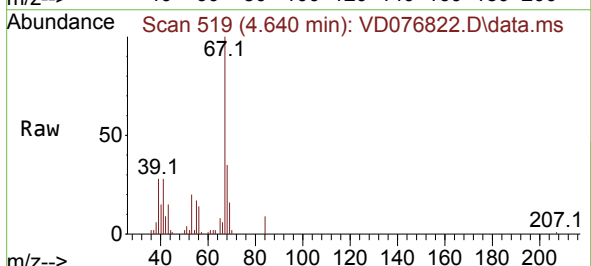


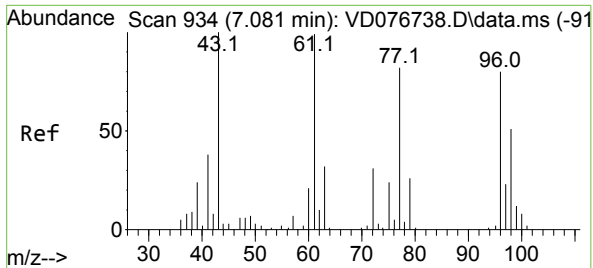
Tgt Ion: 76 Resp: 131421
Ion Ratio Lower Upper
76 100
78 8.0 6.8 10.2



#18
Methyl Acetate
Concen: 8.799 ug/l
RT: 4.640 min Scan# 519
Delta R.T. 0.076 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

Tgt Ion: 43 Resp: 8903
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#





#25

2-Butanone

Concen: 19.319 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076822.D

Acq: 26 Jul 2023 22:57

Instrument :

MSVOA_D

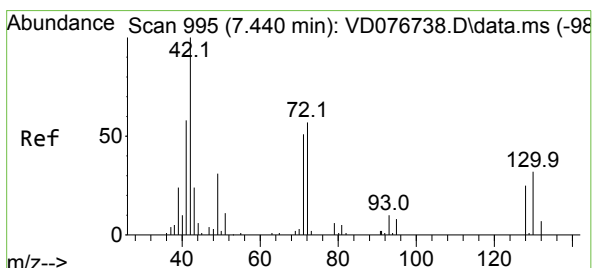
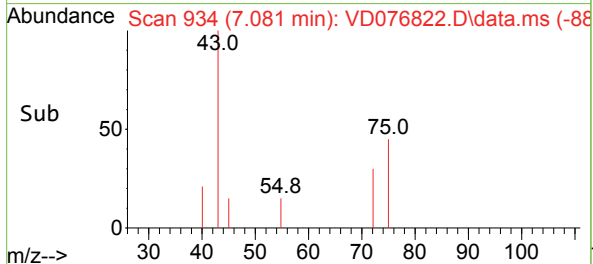
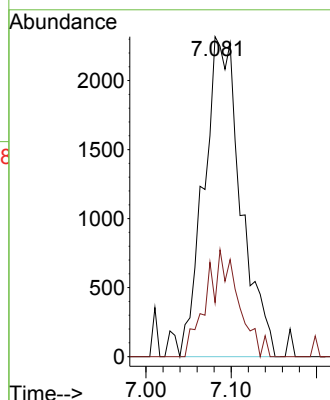
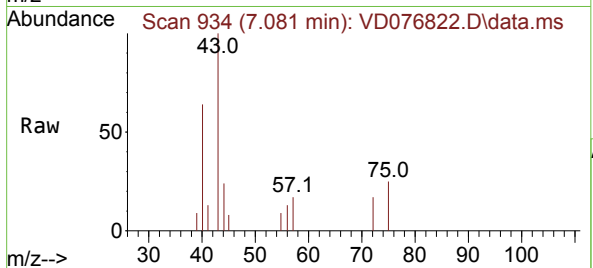
ClientSampleId :

Tgt Ion: 43 Resp: 6963

Ion Ratio Lower Upper

43 100

72 16.9 30.7 46.1#



#29

Tetrahydrofuran

Concen: 4.038 ug/l

RT: 7.457 min Scan# 998

Delta R.T. 0.017 min

Lab File: VD076822.D

Acq: 26 Jul 2023 22:57

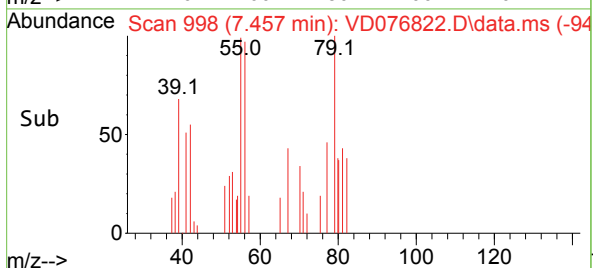
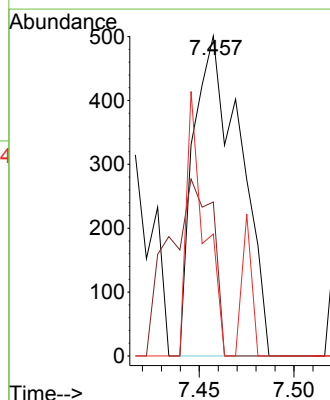
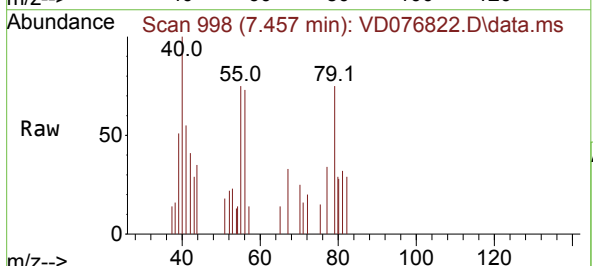
Tgt Ion: 42 Resp: 860

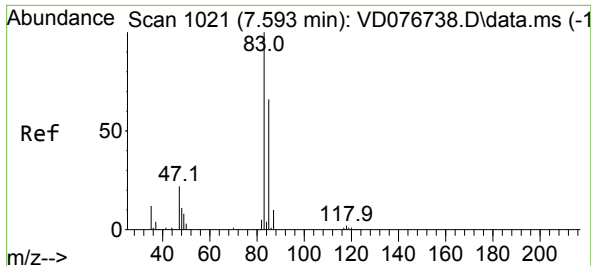
Ion Ratio Lower Upper

42 100

72 51.9 46.5 69.7

71 32.1 44.5 66.7#

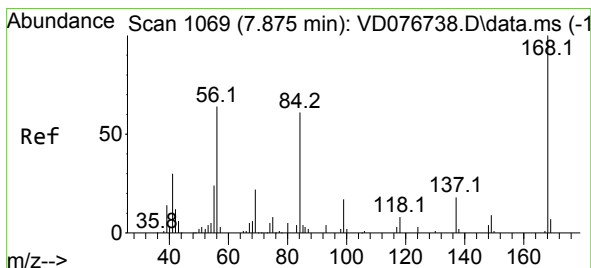
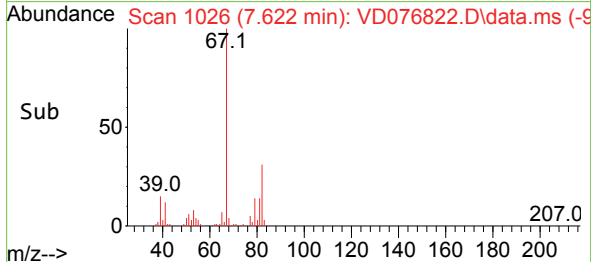
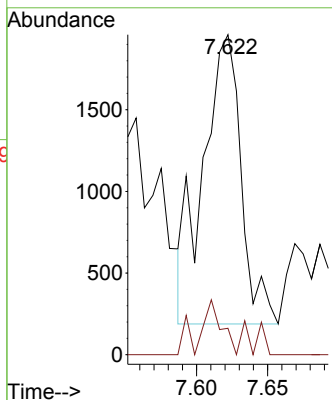
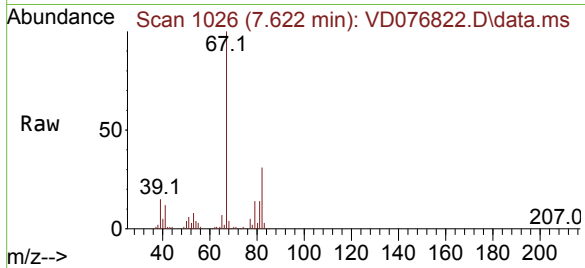




#30
Chloroform
Concen: 1.293 ug/l
RT: 7.622 min Scan# 1026
Delta R.T. 0.029 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

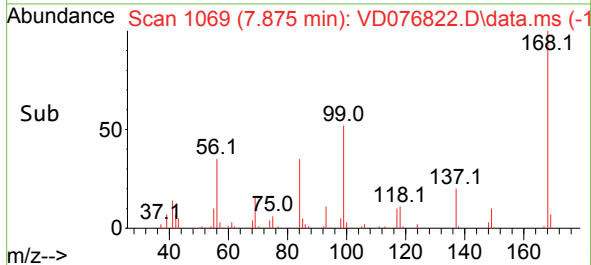
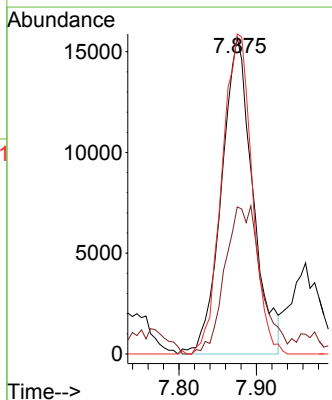
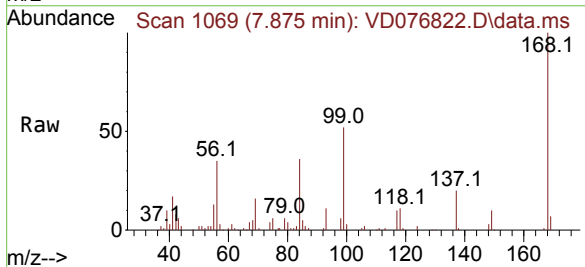
Instrument :
MSVOA_D
ClientSampleId :

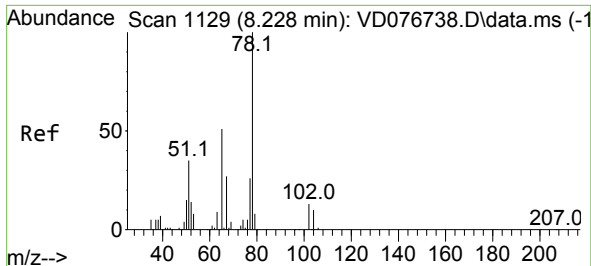
Tgt Ion: 83 Resp: 3324
Ion Ratio Lower Upper
83 100
85 9.1 53.4 80.2#



#31
Cyclohexane
Concen: 26.549 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

Tgt Ion: 56 Resp: 44060
Ion Ratio Lower Upper
56 100
69 44.1 28.6 43.0#
84 101.2 84.8 127.2





#33

1,2-Dichloroethane-d4

Concen: 75.249 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.029 min

Lab File: VD076822.D

Acq: 26 Jul 2023 22:57

Instrument :

MSVOA_D

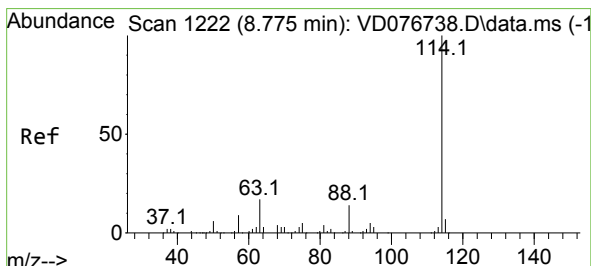
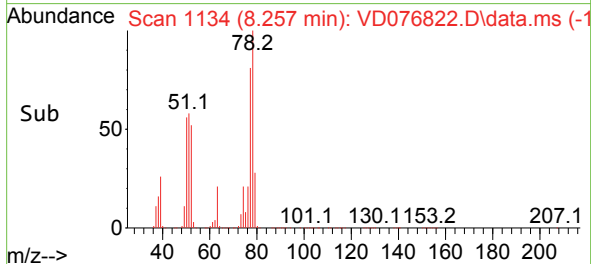
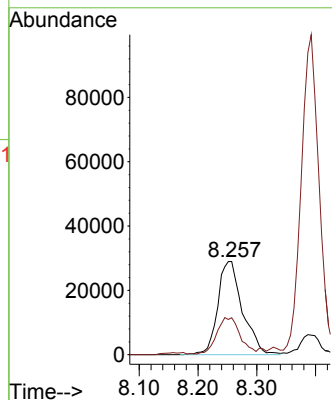
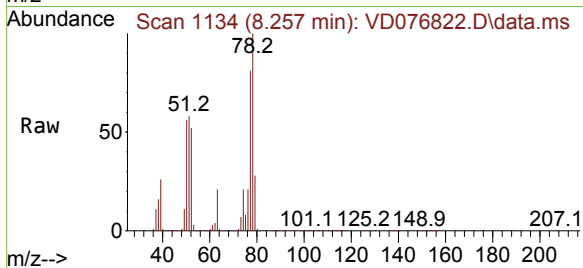
ClientSampleId :

Tgt Ion: 65 Resp: 84855

Ion Ratio Lower Upper

65 100

67 36.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076822.D

Acq: 26 Jul 2023 22:57

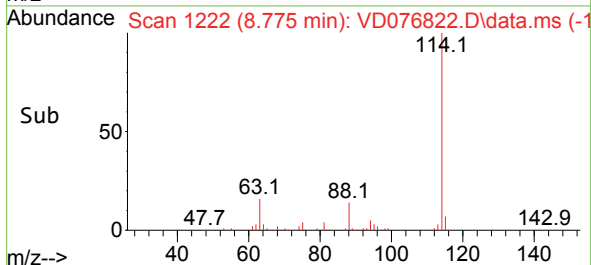
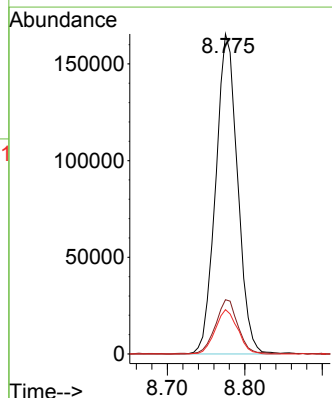
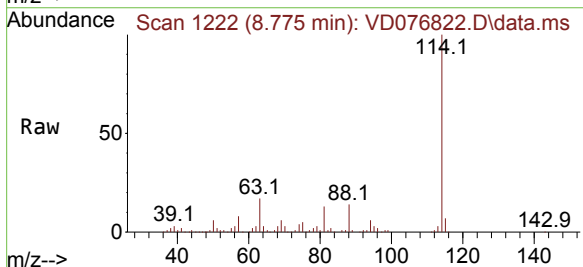
Tgt Ion: 114 Resp: 324612

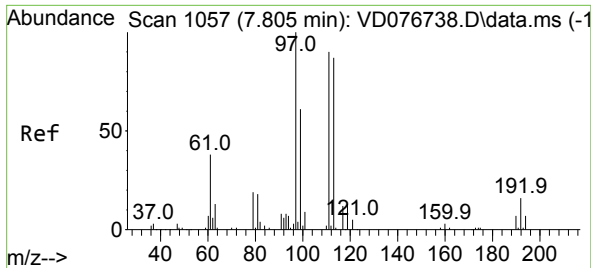
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

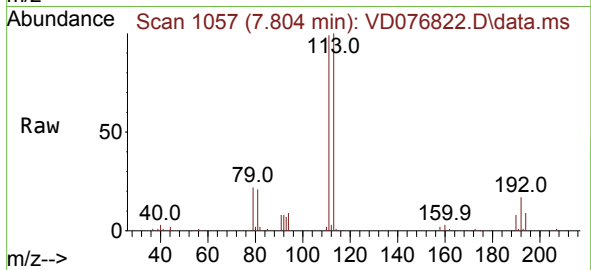
88 13.8 0.0 26.2



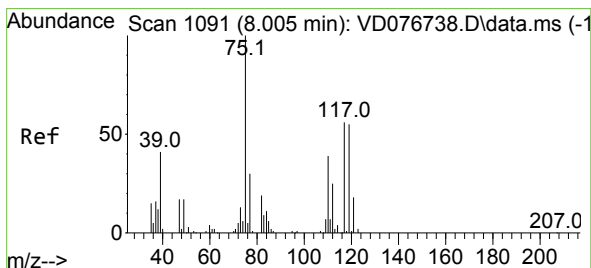
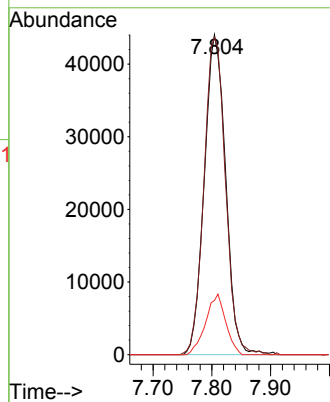
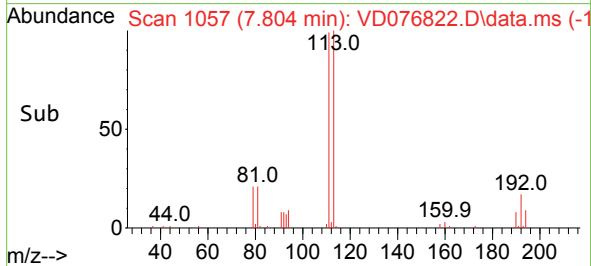


#35
Dibromofluoromethane
Concen: 54.472 ug/l
RT: 7.804 min Scan# 1111
Delta R.T. -0.001 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

Instrument :
MSVOA_D
ClientSampleId :

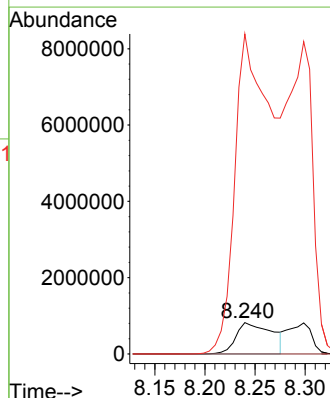
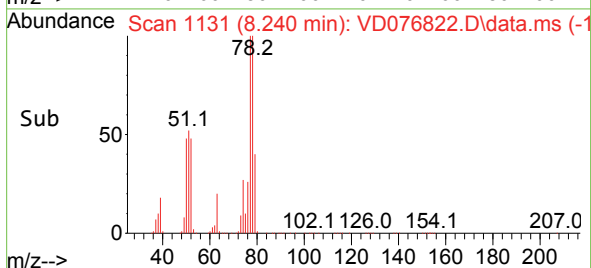
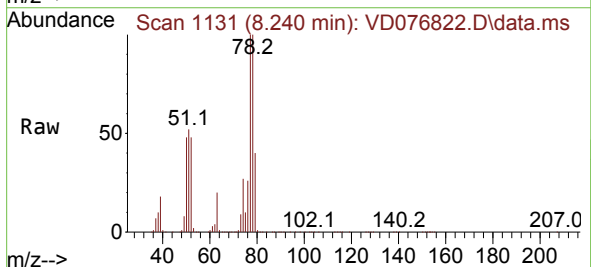


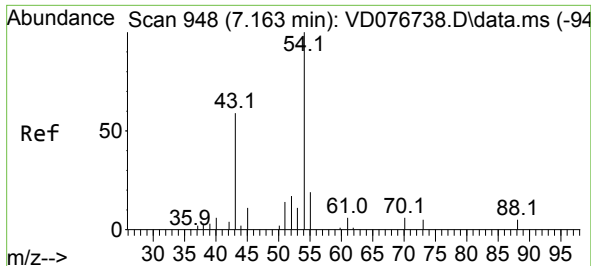
Tgt Ion:113 Resp: 111117
Ion Ratio Lower Upper
113 100
111 100.0 84.7 127.1
192 17.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 769.091 ug/l
RT: 8.240 min Scan# 1131
Delta R.T. 0.235 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

Tgt Ion: 75 Resp: 2050064
Ion Ratio Lower Upper
75 100
110 0.0 19.9 59.6#
77 1064.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 5.841 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.082 min

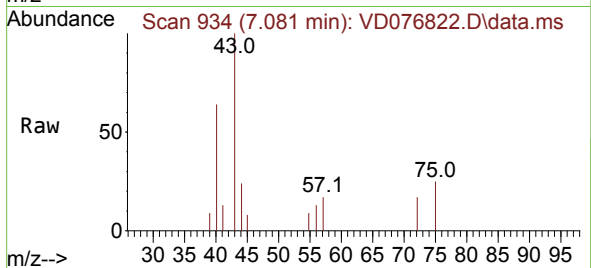
Lab File: VD076822.D

Acq: 26 Jul 2023 22:57

Instrument :

MSVOA_D

ClientSampleId :



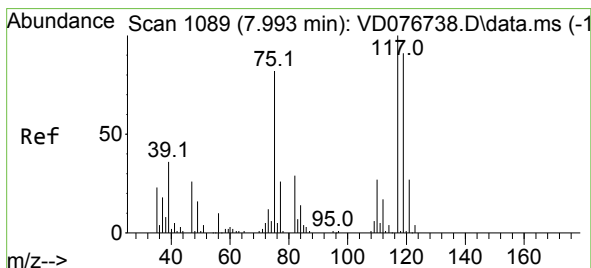
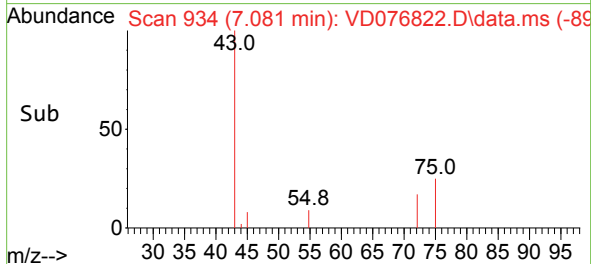
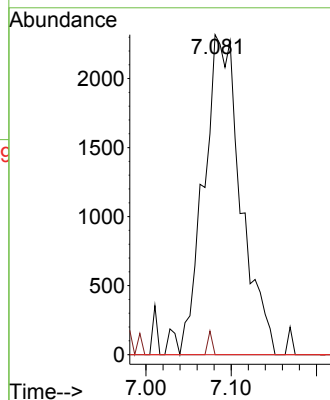
Tgt Ion: 43 Resp: 6963

Ion Ratio Lower Upper

43 100

61 0.0 14.9 22.3#

70 0.0 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 4.684 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD076822.D

Acq: 26 Jul 2023 22:57

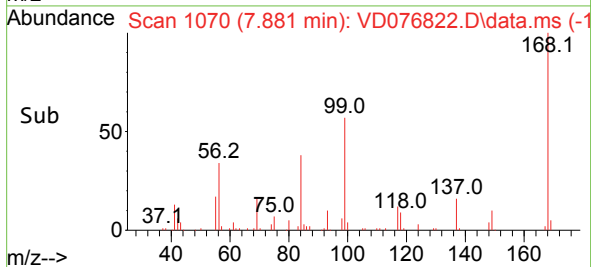
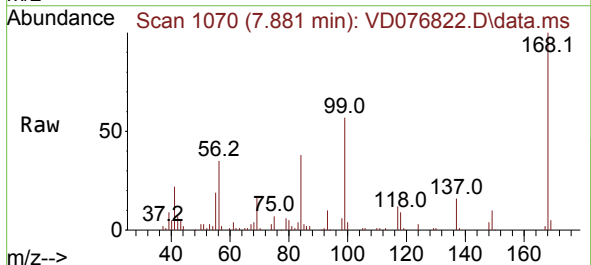
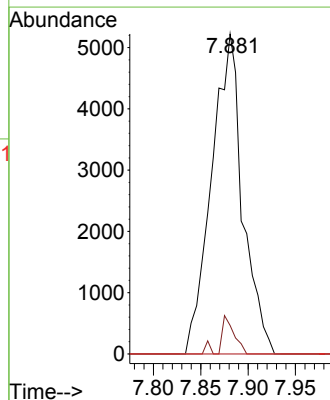
Tgt Ion: 117 Resp: 11955

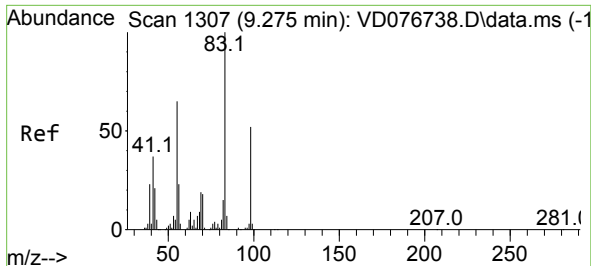
Ion Ratio Lower Upper

117 100

119 8.9 78.0 117.0#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 31.034 ug/l

RT: 9.269 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD076822.D

Acq: 26 Jul 2023 22:57

Instrument :

MSVOA_D

ClientSampleId :

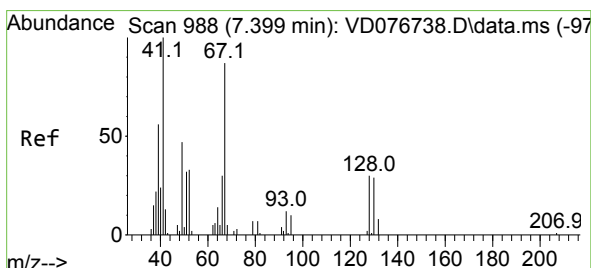
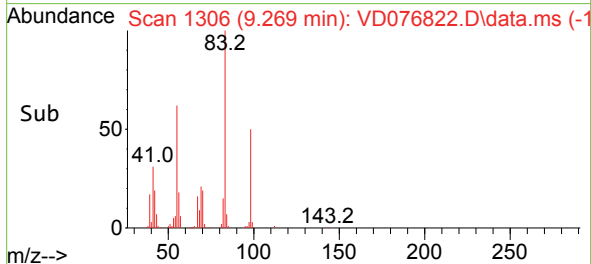
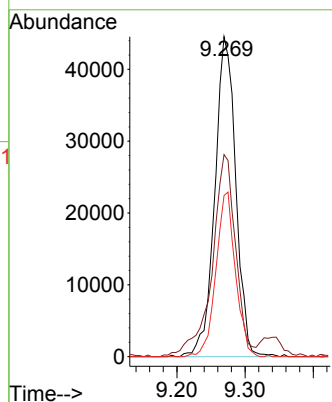
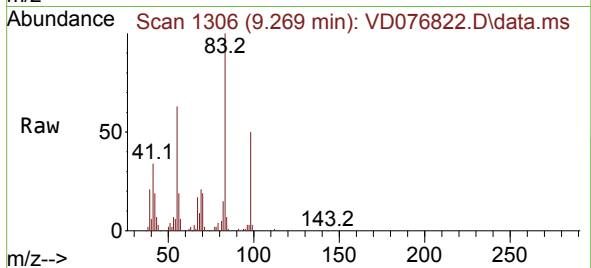
Tgt Ion: 83 Resp: 95519

Ion Ratio Lower Upper

83 100

55 61.2 49.4 74.0

98 50.4 38.4 57.6



#41

Methacrylonitrile

Concen: 1.012 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.029 min

Lab File: VD076822.D

Acq: 26 Jul 2023 22:57

Tgt Ion: 41 Resp: 737

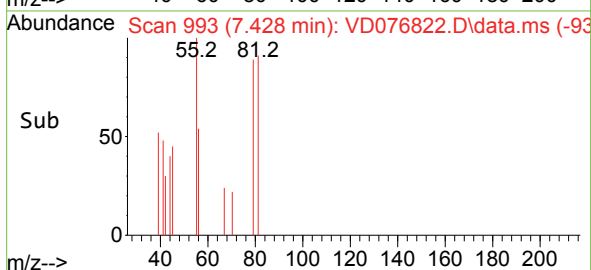
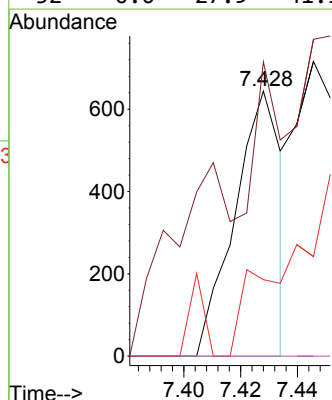
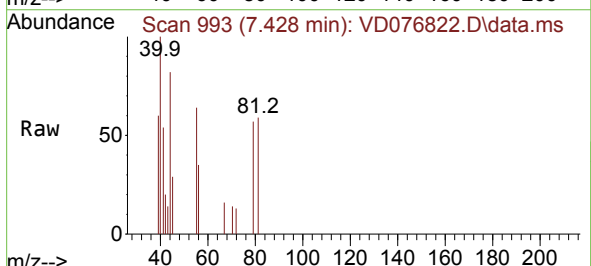
Ion Ratio Lower Upper

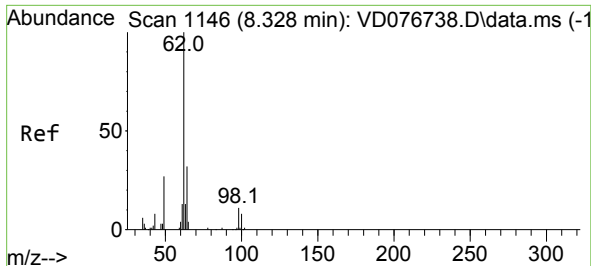
41 100

39 0.0 34.0 51.0#

67 0.0 77.0 115.4#

52 0.0 27.9 41.9#

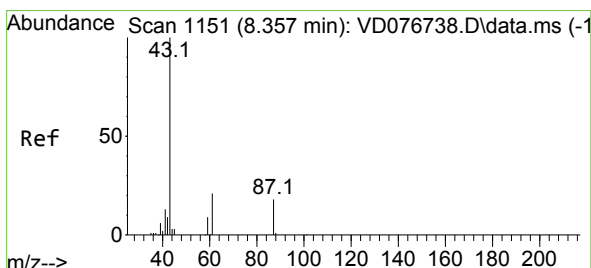
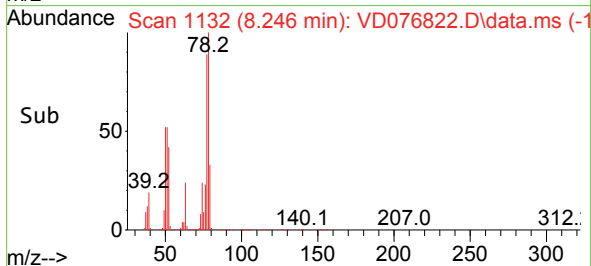
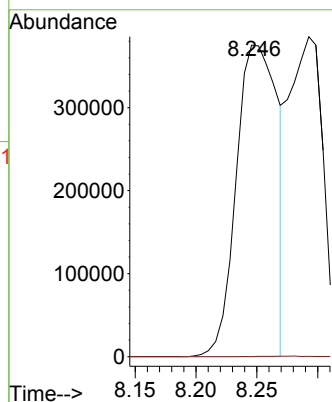
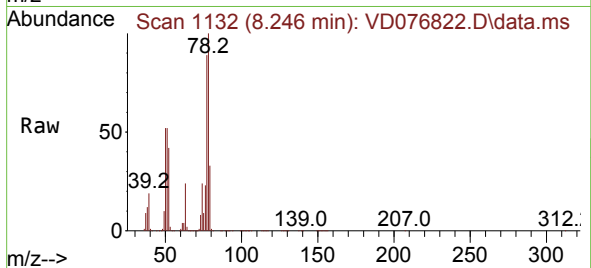




#42
1,2-Dichloroethane
Concen: 404.314 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.082 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

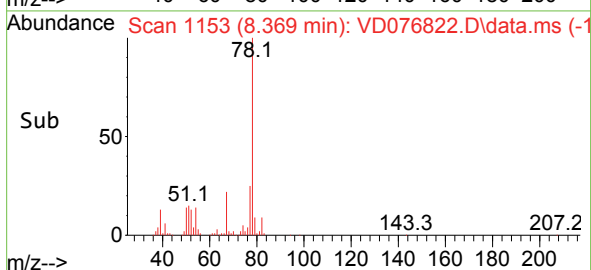
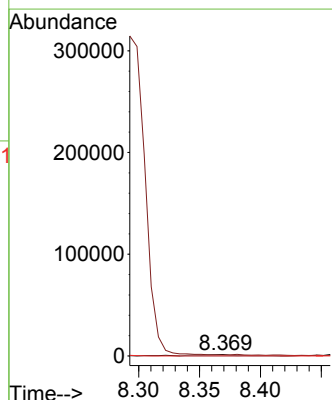
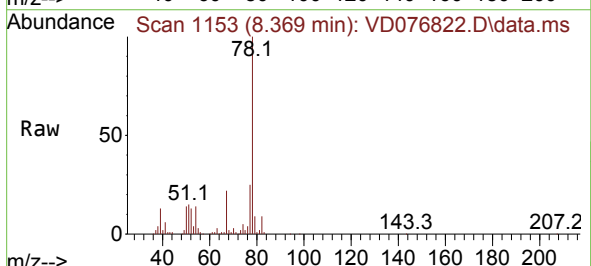
Instrument :
MSVOA_D
ClientSampleId :

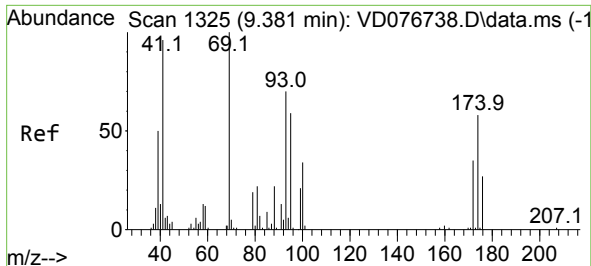
Tgt Ion: 62 Resp: 883551
Ion Ratio Lower Upper
62 100
98 0.0 0.0 25.4



#43
Isopropyl Acetate
Concen: 1.242 ug/l
RT: 8.369 min Scan# 1153
Delta R.T. 0.012 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

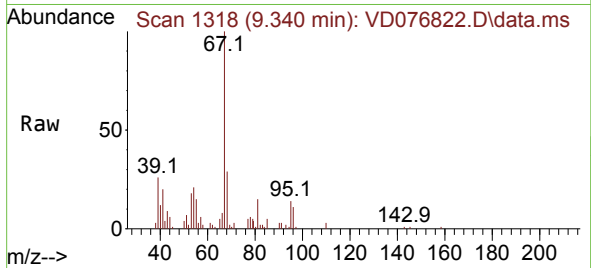
Tgt Ion: 43 Resp: 2889
Ion Ratio Lower Upper
43 100
61 0.0 31.4 47.0#
87 0.0 14.9 22.3#



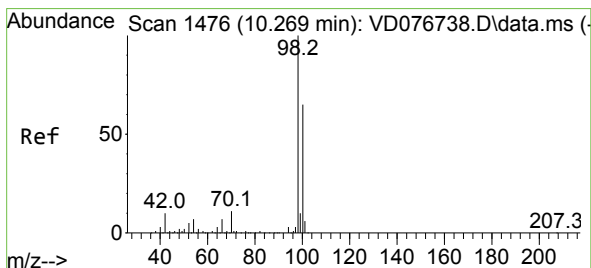
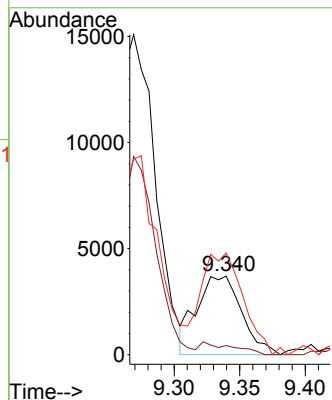
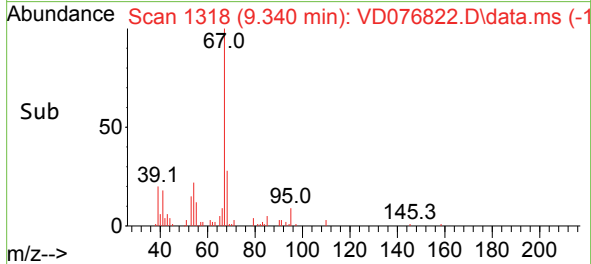


#48
Methyl methacrylate
Concen: 8.345 ug/l
RT: 9.340 min Scan# 11
Delta R.T. -0.041 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

Instrument :
MSVOA_D
ClientSampleId :

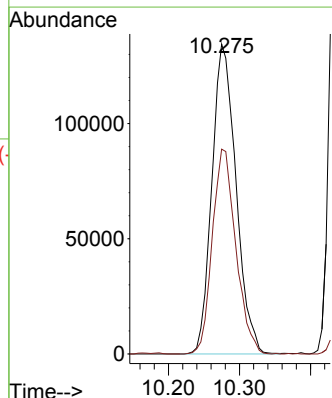
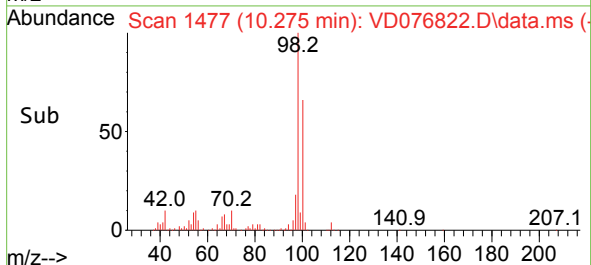
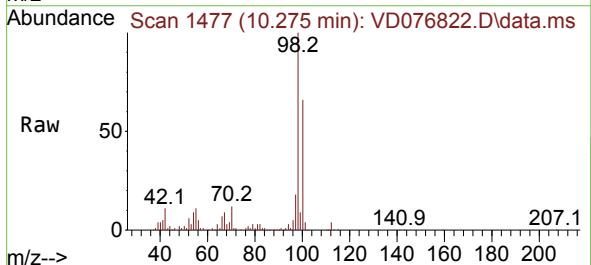


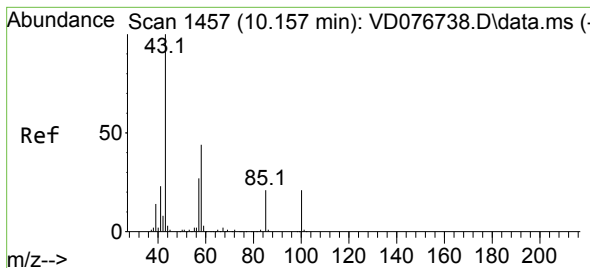
Tgt Ion: 41 Resp: 8836
Ion Ratio Lower Upper
41 100
69 11.6 102.2 153.2#
39 121.1 41.4 62.2#



#50
Toluene-d8
Concen: 43.434 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

Tgt Ion: 98 Resp: 316955
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5

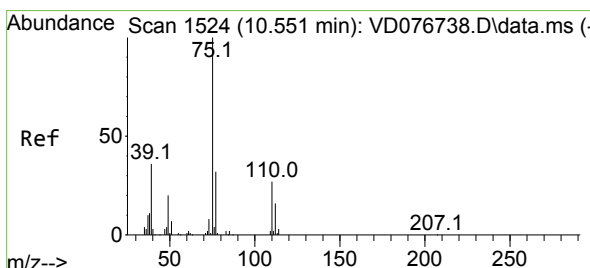
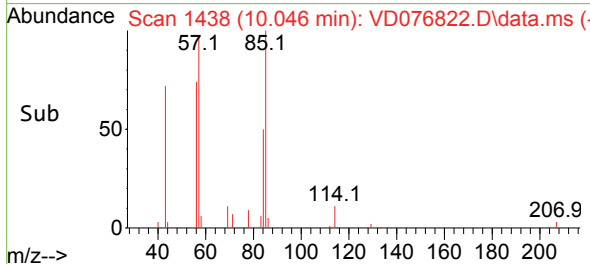
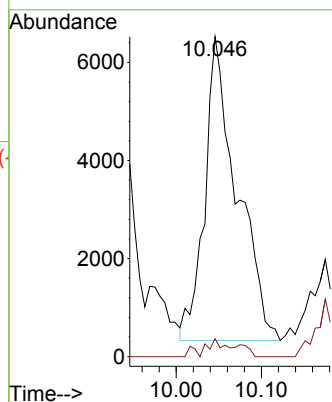
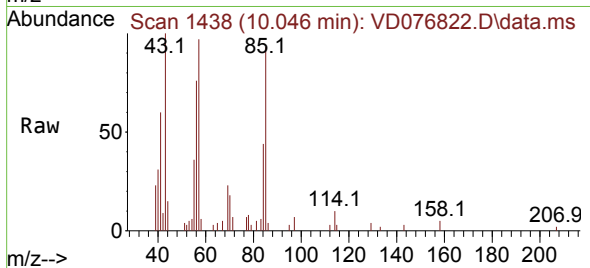




#51
4-Methyl-2-Pentanone
Concen: 13.086 ug/l
RT: 10.046 min Scan# 1457
Delta R.T. -0.111 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

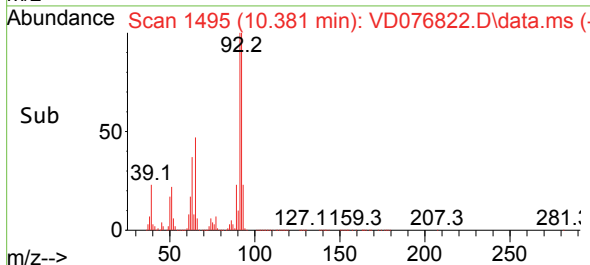
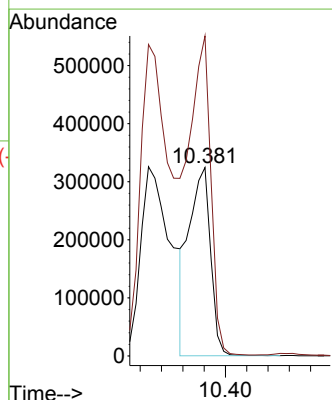
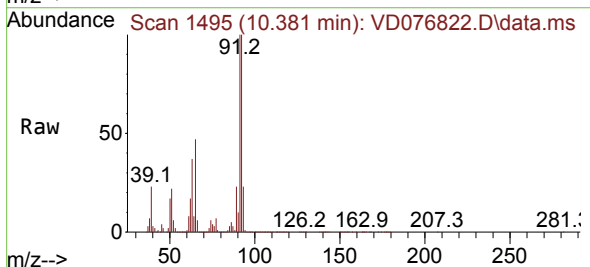
Instrument :
MSVOA_D
ClientSampleId :

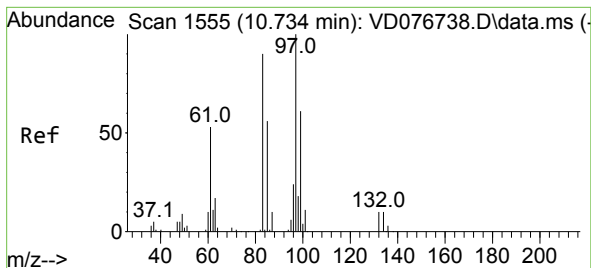
Tgt Ion: 43 Resp: 16209
Ion Ratio Lower Upper
43 100
58 0.0 38.9 58.3#



#53
t-1,3-Dichloropropene
Concen: 152.677 ug/l
RT: 10.381 min Scan# 1495
Delta R.T. -0.170 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

Tgt Ion: 75 Resp: 451927
Ion Ratio Lower Upper
75 100
77 168.7 25.3 37.9#





#55

1,1,2-Trichloroethane

Concen: 1368.230 ug/l

RT: 10.593 min Scan# 1

Delta R.T. -0.141 min

Lab File: VD076822.D

Acq: 26 Jul 2023 22:57

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 2539034

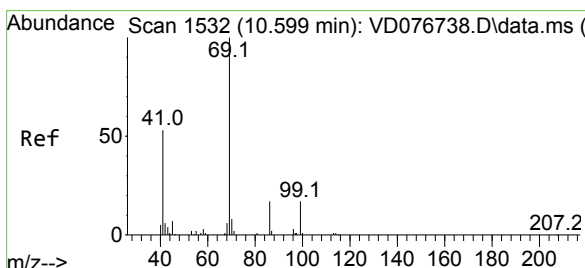
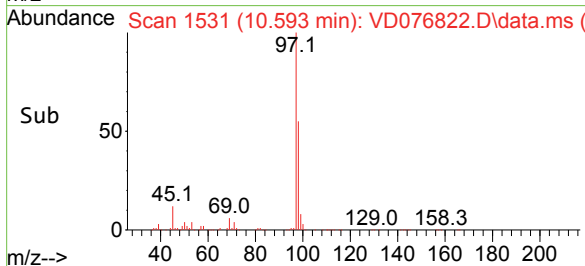
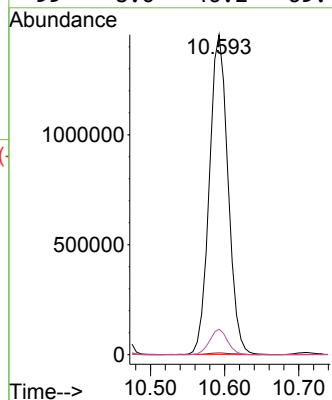
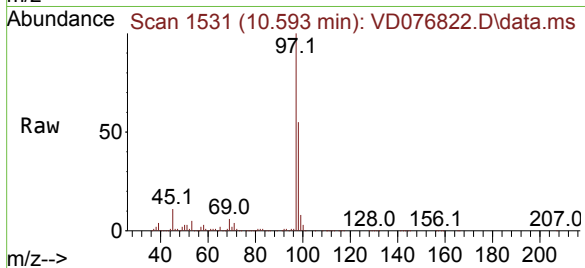
Ion Ratio Lower Upper

97 100

83 0.5 65.8 98.6#

85 0.0 45.7 68.5#

99 8.0 46.2 69.4#



#56

Ethyl methacrylate

Concen: 72.075 ug/l

RT: 10.593 min Scan# 1531

Delta R.T. -0.006 min

Lab File: VD076822.D

Acq: 26 Jul 2023 22:57

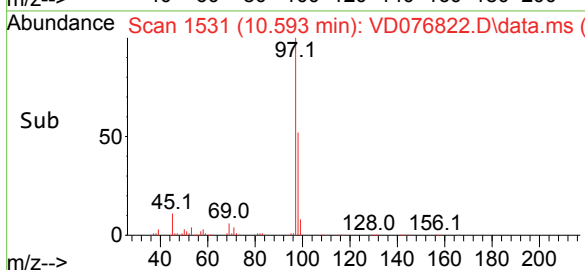
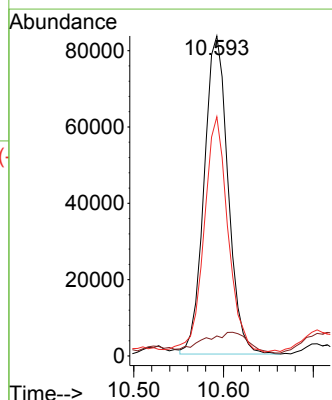
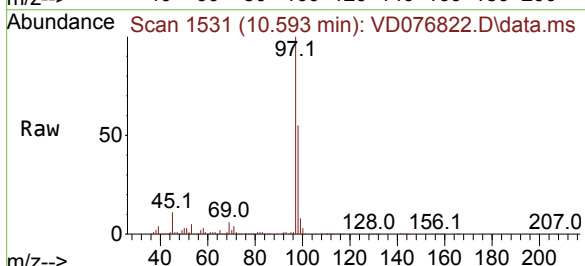
Tgt Ion: 69 Resp: 154373

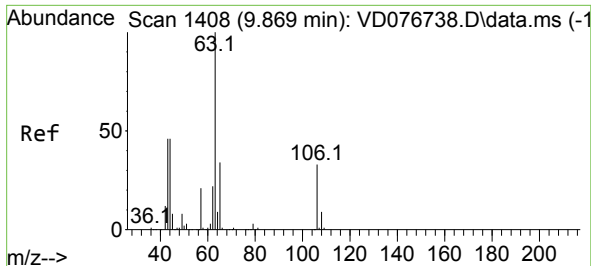
Ion Ratio Lower Upper

69 100

41 0.0 39.1 58.7#

39 0.0 20.0 30.0#

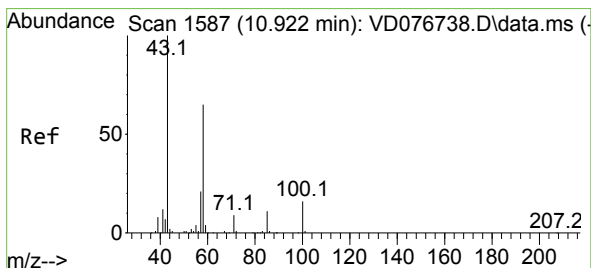
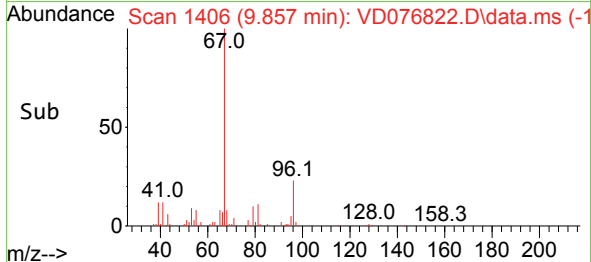
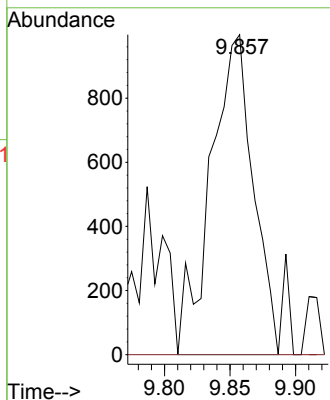
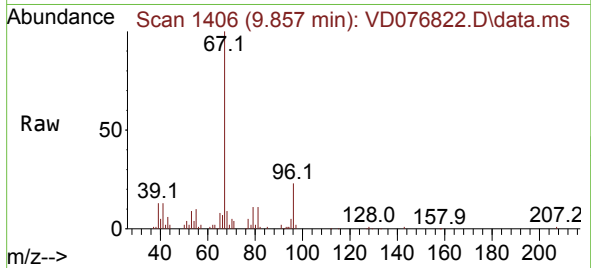




#58
2-Chloroethyl Vinyl ether
Concen: 2.709 ug/l
RT: 9.857 min Scan# 1408
Delta R.T. -0.012 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

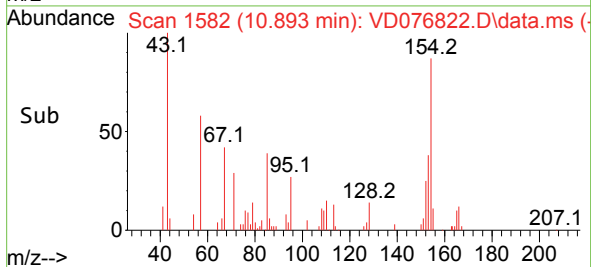
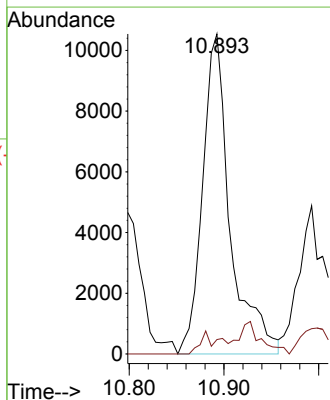
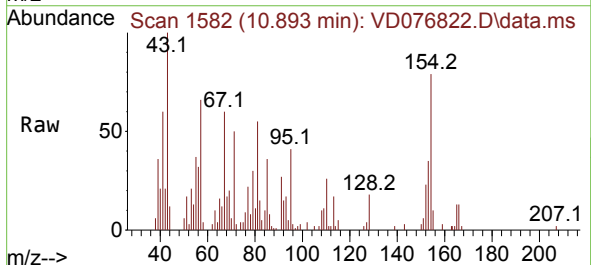
Instrument :
MSVOA_D
ClientSampleId :

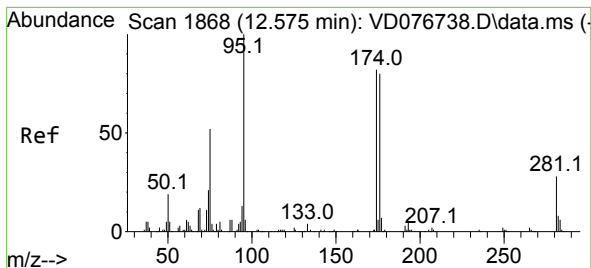
Tgt Ion: 63 Resp: 2246
Ion Ratio Lower Upper
63 100
106 0.0 25.3 37.9#



#59
2-Hexanone
Concen: 24.134 ug/l
RT: 10.893 min Scan# 1582
Delta R.T. -0.029 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

Tgt Ion: 43 Resp: 21331
Ion Ratio Lower Upper
43 100
58 3.3 34.1 102.2#

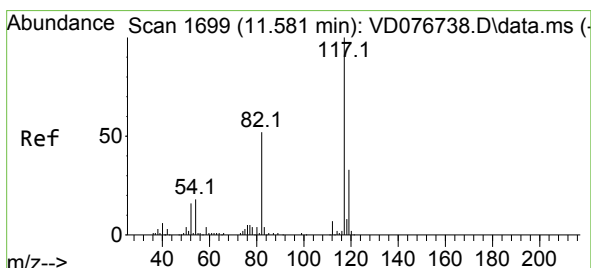
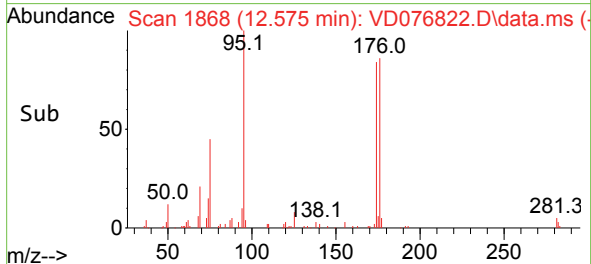
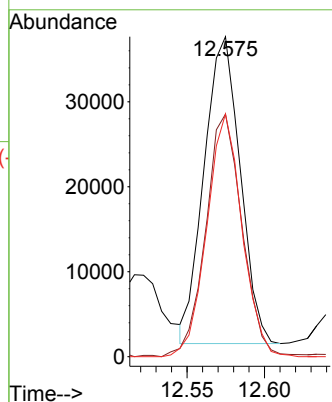
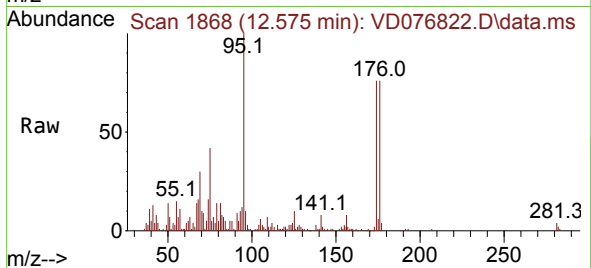




#62
4-Bromofluorobenzene
Concen: 24.703 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

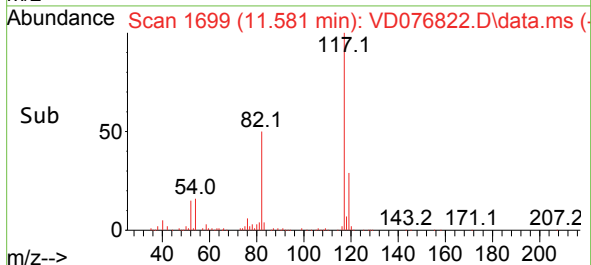
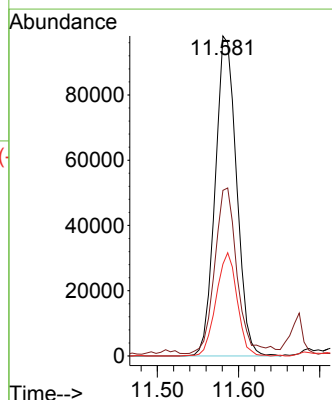
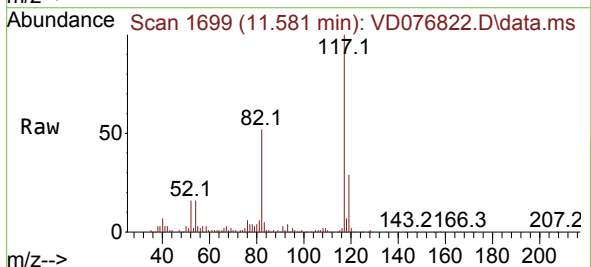
Instrument :
MSVOA_D
ClientSampleId :

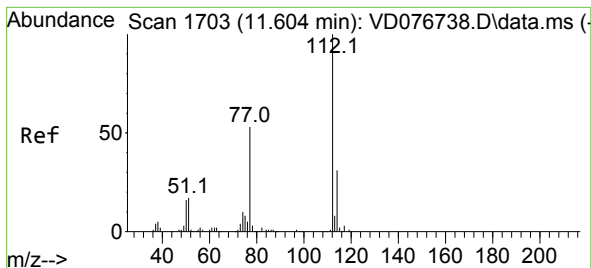
Tgt Ion: 95 Resp: 58318
Ion Ratio Lower Upper
95 100
174 78.4 0.0 201.8
176 77.1 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

Tgt Ion: 117 Resp: 179238
Ion Ratio Lower Upper
117 100
82 51.0 38.3 57.5
119 28.7 25.0 37.4





#65

Chlorobenzene

Concen: 187.193 ug/l

RT: 11.775 min Scan# 1732

Delta R.T. 0.171 min

Lab File: VD076822.D

Acq: 26 Jul 2023 22:57

Instrument :

MSVOA_D

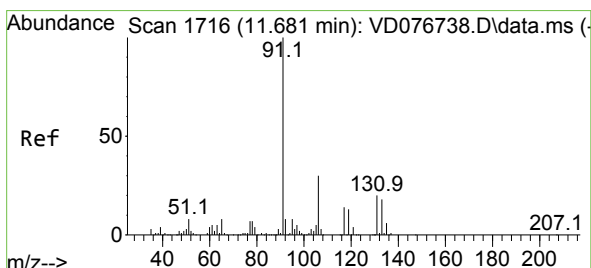
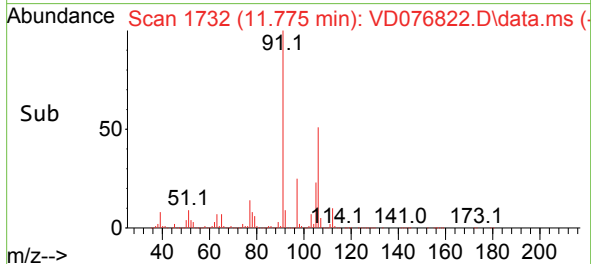
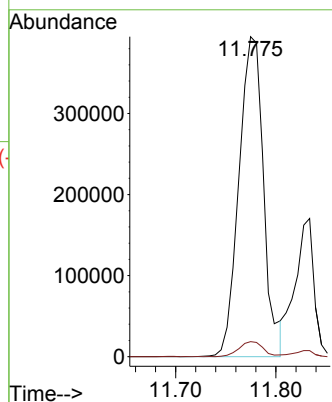
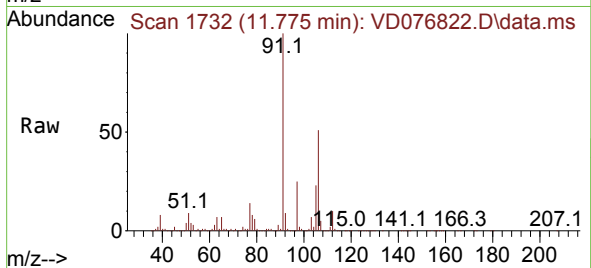
ClientSampleId :

Tgt Ion:112 Resp: 674803

Ion Ratio Lower Upper

112 100

114 4.7 25.1 37.7#



#67

Ethyl Benzene

Concen: 417.838 ug/l

RT: 11.781 min Scan# 1733

Delta R.T. 0.100 min

Lab File: VD076822.D

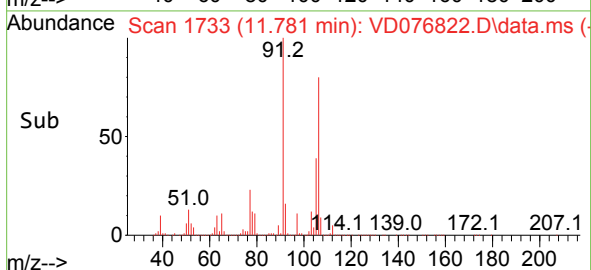
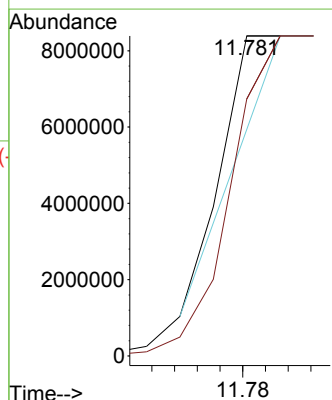
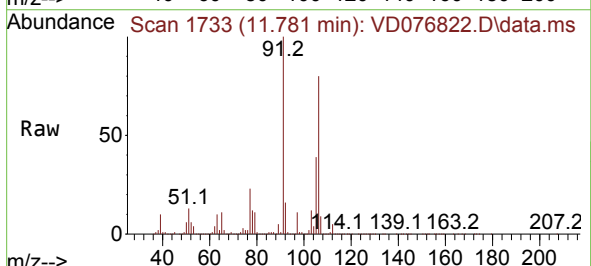
Acq: 26 Jul 2023 22:57

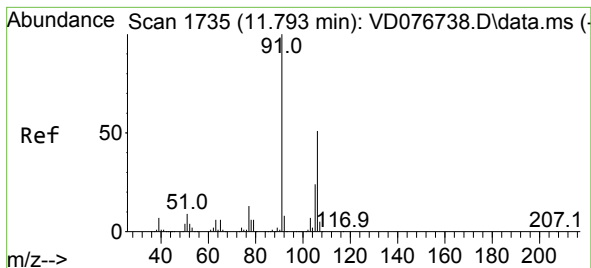
Tgt Ion: 91 Resp: 2645266

Ion Ratio Lower Upper

91 100

106 84.8 26.5 39.7#

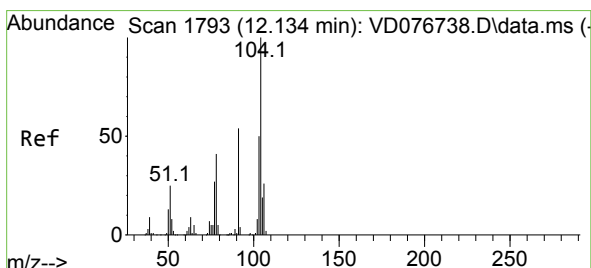
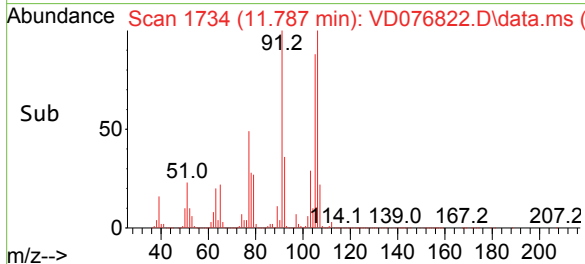
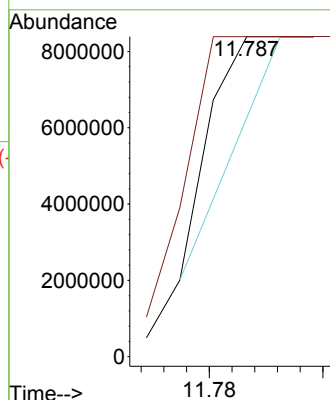
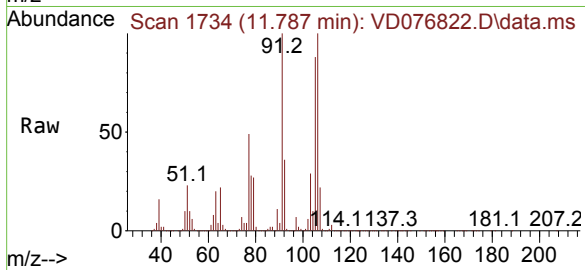




#68
m/p-Xylenes
Concen: 1436.137 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

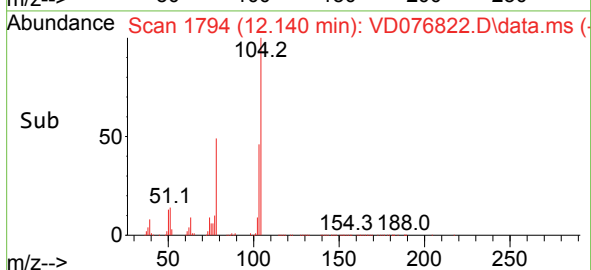
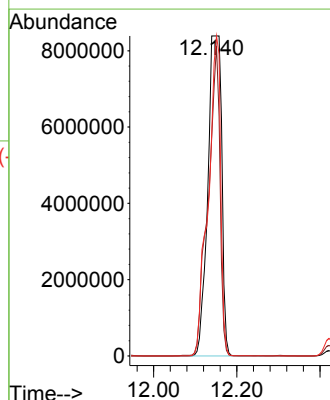
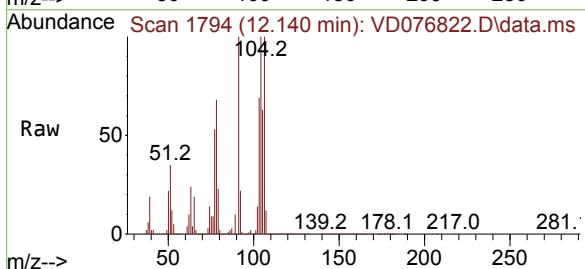
Instrument :
MSVOA_D
ClientSampleId :

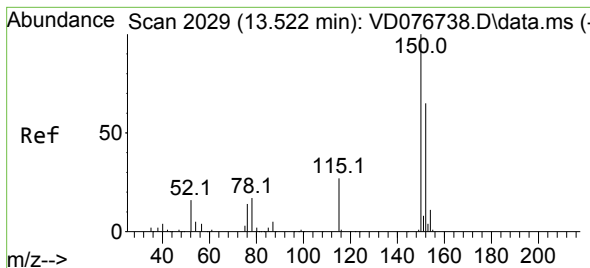
Tgt Ion:106 Resp: 3491839
Ion Ratio Lower Upper
106 100
91 75.8 147.0 220.6#



#70
Styrene
Concen: 4767.503 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

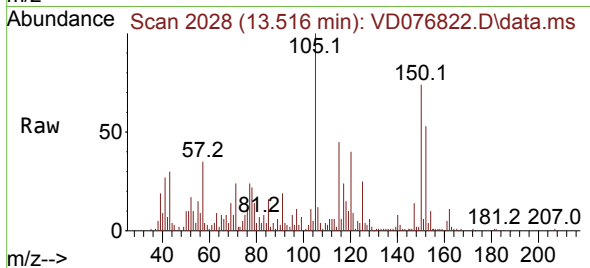
Tgt Ion:104 Resp:19622772
Ion Ratio Lower Upper
104 100
78 82.4 33.2 49.8#
103 88.9 43.6 65.4#



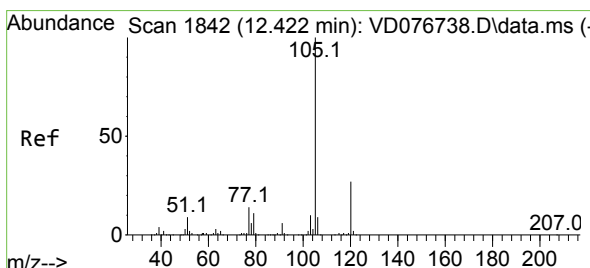
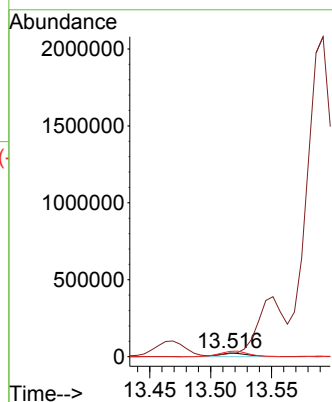
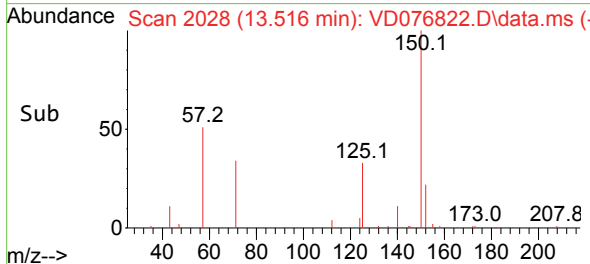


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD076822.D
 Acq: 26 Jul 2023 22:57

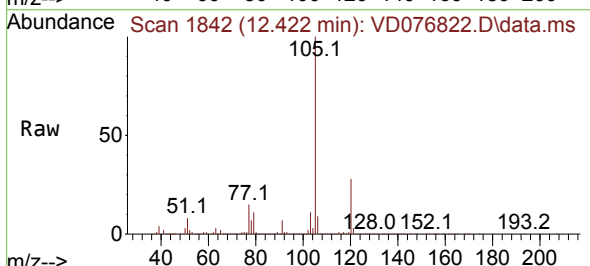
Instrument :
 MSVOA_D
 ClientSampleId :



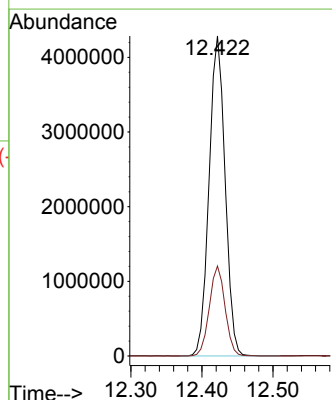
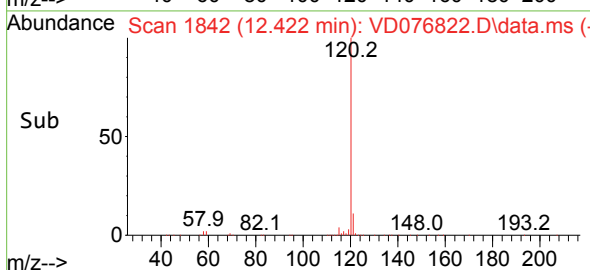
Tgt Ion:152 Resp: 38749
 Ion Ratio Lower Upper
 152 100
 115 0.0 27.1 81.3#
 150 153.2 0.0 353.6

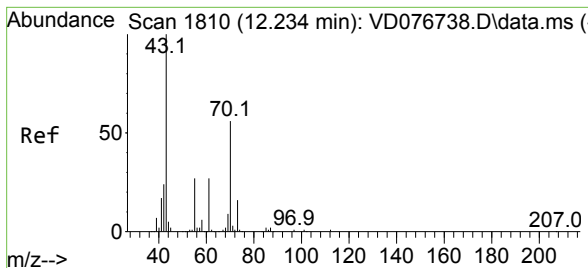


#73
 Isopropylbenzene
 Concen: 2387.363 ug/l
 RT: 12.422 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: VD076822.D
 Acq: 26 Jul 2023 22:57



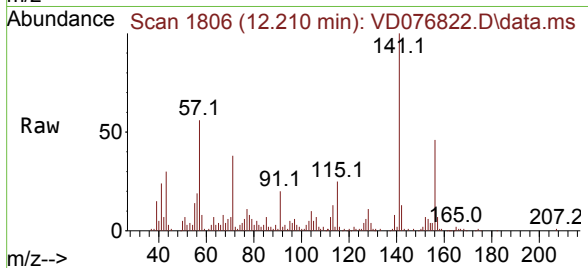
Tgt Ion:105 Resp: 6711639
 Ion Ratio Lower Upper
 105 100
 120 27.5 14.3 42.9



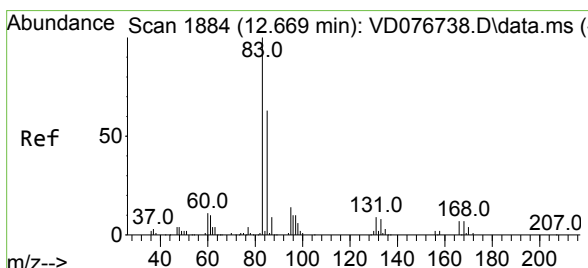
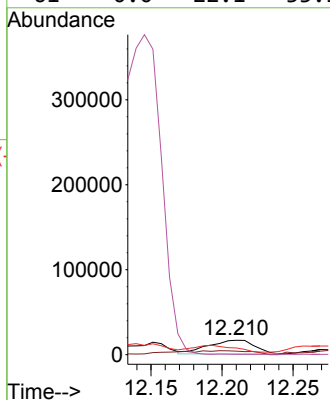
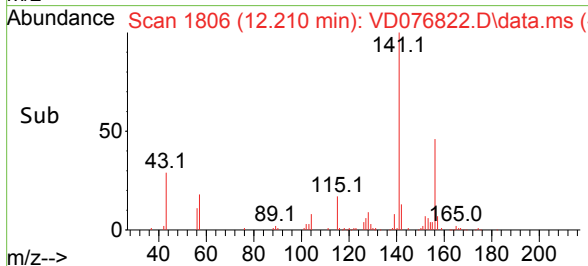


#74
N-amy1 acetate
Concen: 61.290 ug/l
RT: 12.210 min Scan# 1806
Delta R.T. -0.024 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

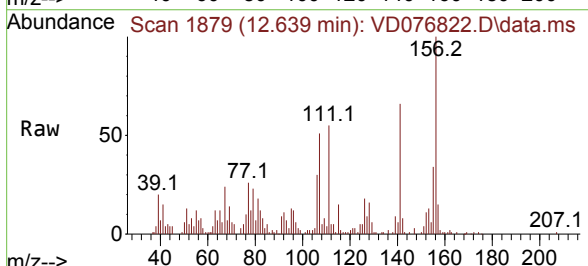
Instrument :
MSVOA_D
ClientSampleId :



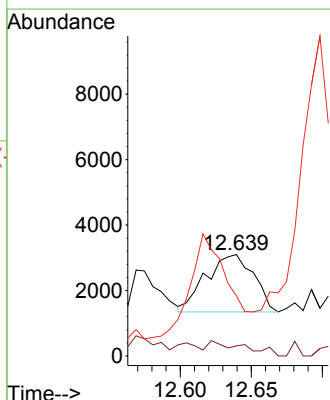
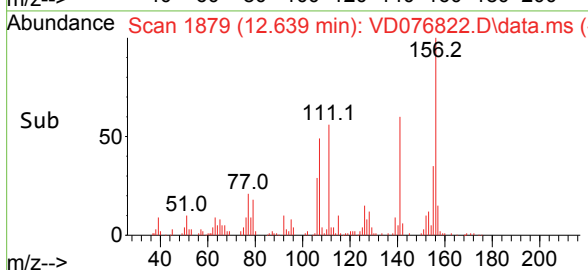
Tgt Ion: 43 Resp: 36300
Ion Ratio Lower Upper
43 100
70 49.0 45.0 67.4
55 44.6 23.8 35.6#
61 0.0 22.1 33.1#

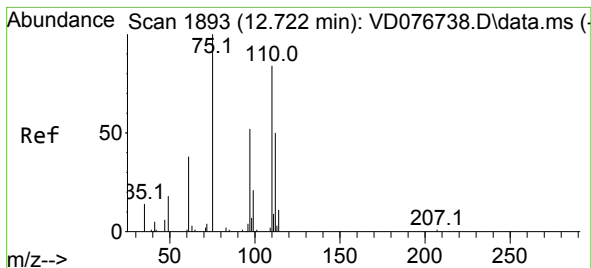


#75
1,1,2,2-Tetrachloroethane
Concen: 6.801 ug/l
RT: 12.639 min Scan# 1879
Delta R.T. -0.030 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57



Tgt Ion: 83 Resp: 4105
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 0.0 32.6 97.8#

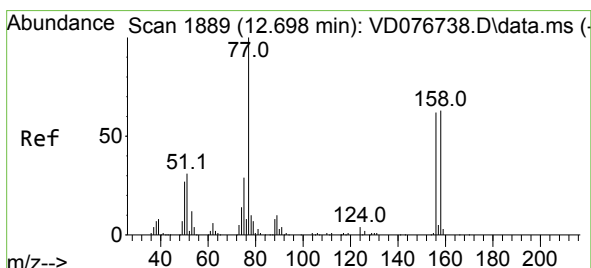
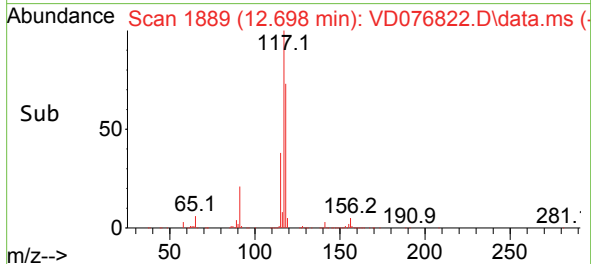
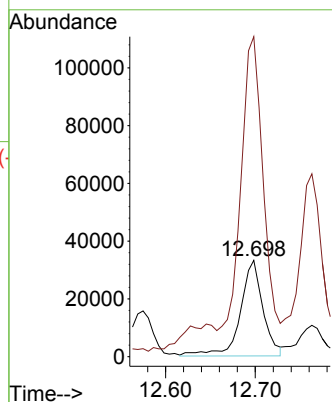
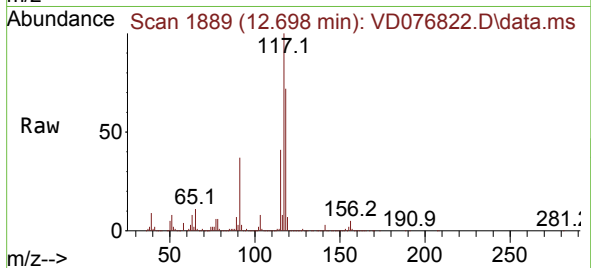




#76
1,2,3-Trichloropropane
Concen: 157.624 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.024 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

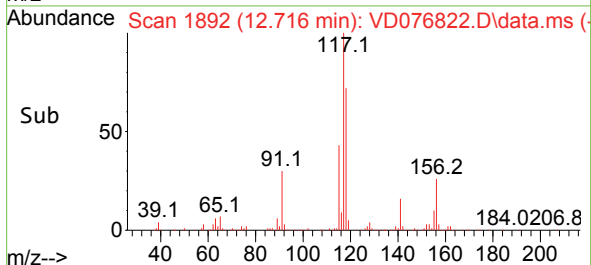
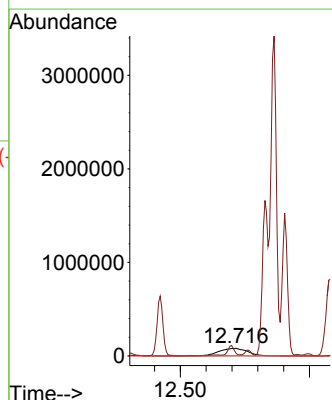
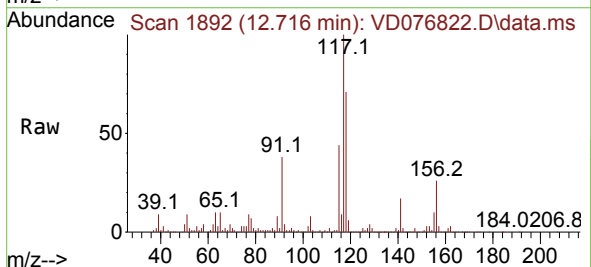
Instrument :
MSVOA_D
ClientSampleId :

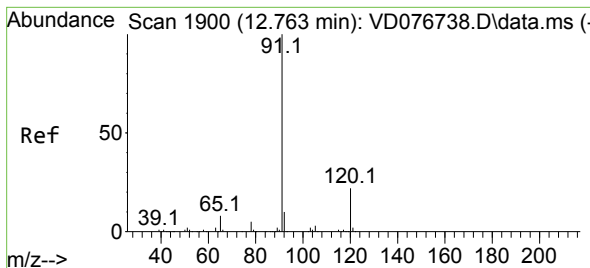
Tgt Ion: 75 Resp: 58084
Ion Ratio Lower Upper
75 100
77 284.8 0.0 0.0#



#77
Bromobenzene
Concen: 968.750 ug/l
RT: 12.716 min Scan# 1892
Delta R.T. 0.018 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

Tgt Ion:156 Resp: 628641
Ion Ratio Lower Upper
156 100
77 26.3 76.8 230.4#
158 0.1 48.6 145.9#





#78

n-propylbenzene

Concen: 694.381 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076822.D

Acq: 26 Jul 2023 22:57

Instrument :

MSVOA_D

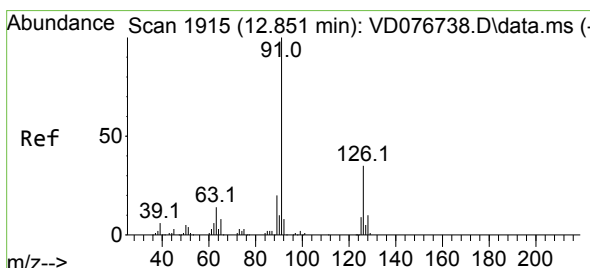
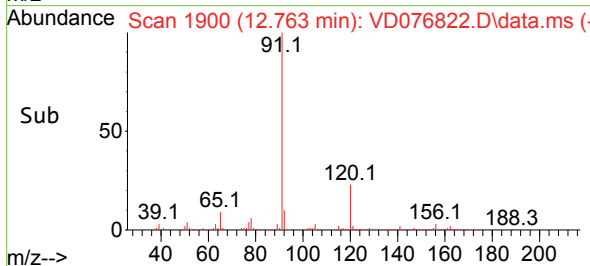
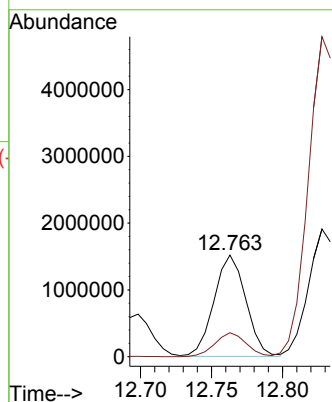
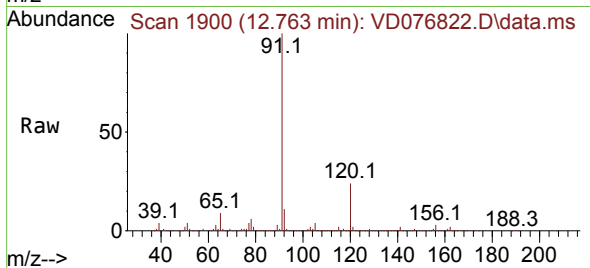
ClientSampleId :

Tgt Ion: 91 Resp: 2366603

Ion Ratio Lower Upper

91 100

120 23.2 12.4 37.2



#79

2-Chlorotoluene

Concen: 763.790 ug/l

RT: 13.081 min Scan# 1954

Delta R.T. 0.230 min

Lab File: VD076822.D

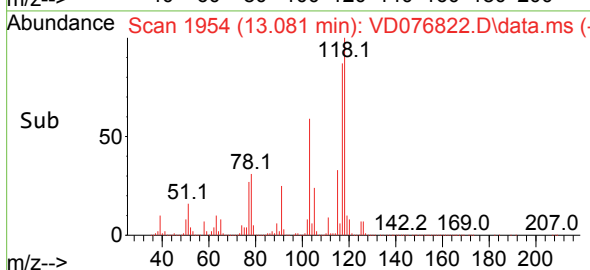
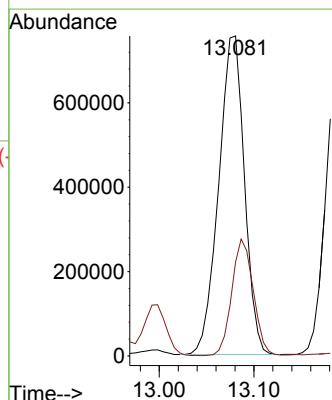
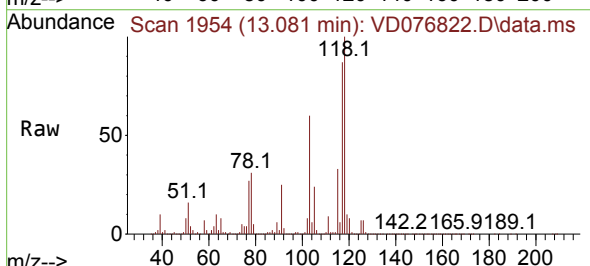
Acq: 26 Jul 2023 22:57

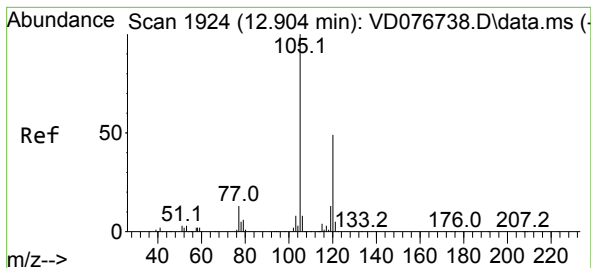
Tgt Ion: 91 Resp: 1427333

Ion Ratio Lower Upper

91 100

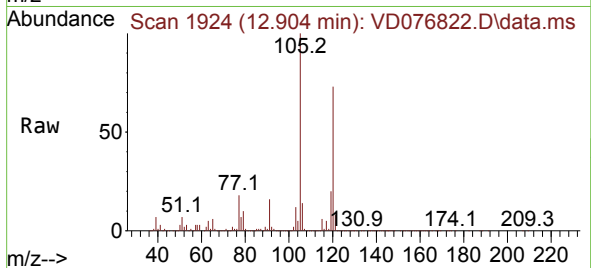
126 30.4 19.4 58.1



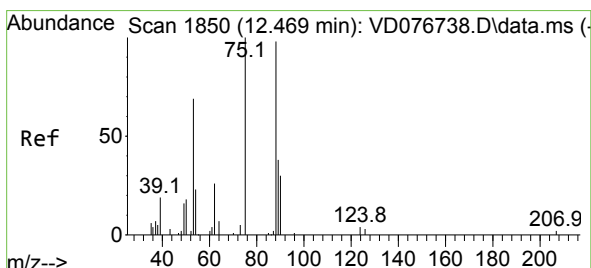
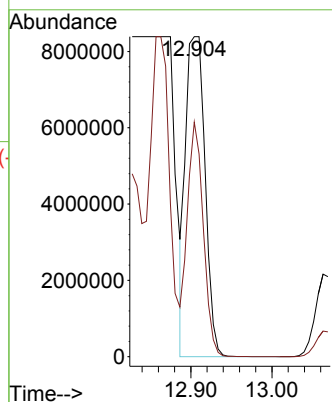
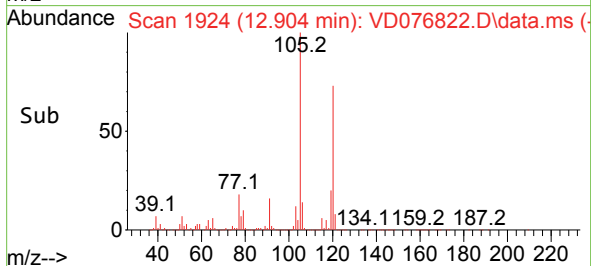


#80
 1,3,5-Trimethylbenzene
 Concen: 6154.462 ug/l
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD076822.D
 Acq: 26 Jul 2023 22:57

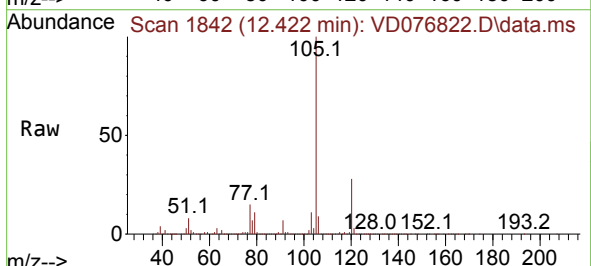
Instrument :
 MSVOA_D
 ClientSampleId :



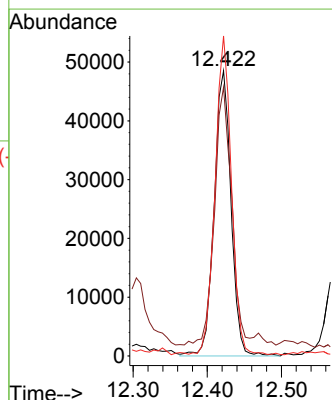
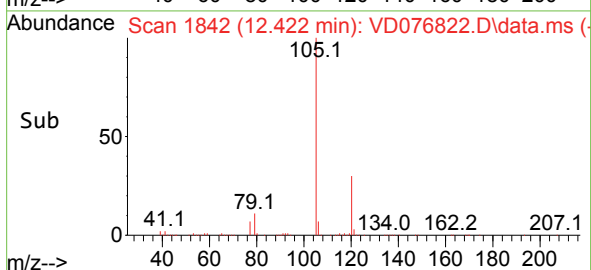
Tgt Ion:105 Resp:13990406
 Ion Ratio Lower Upper
 105 100
 120 60.4 26.4 79.2

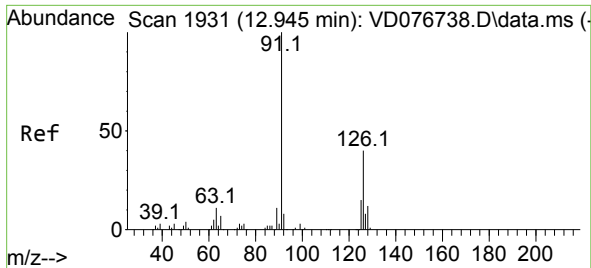


#81
 trans-1,4-Dichloro-2-butene
 Concen: 444.227 ug/l
 RT: 12.422 min Scan# 1842
 Delta R.T. -0.047 min
 Lab File: VD076822.D
 Acq: 26 Jul 2023 22:57



Tgt Ion: 75 Resp: 76916
 Ion Ratio Lower Upper
 75 100
 53 91.3 63.0 94.4
 89 107.6 37.9 56.9#

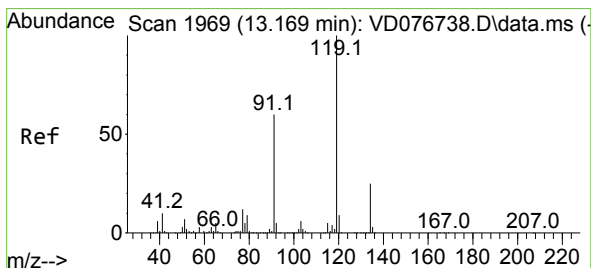
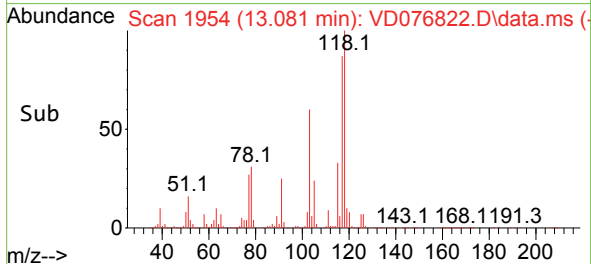
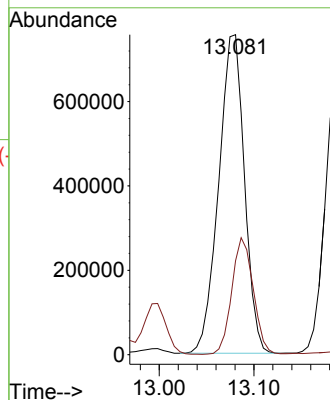
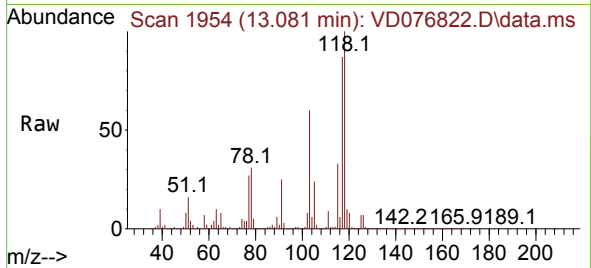




#82
4-Chlorotoluene
Concen: 731.123 ug/l
RT: 13.081 min Scan# 1954
Delta R.T. 0.136 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

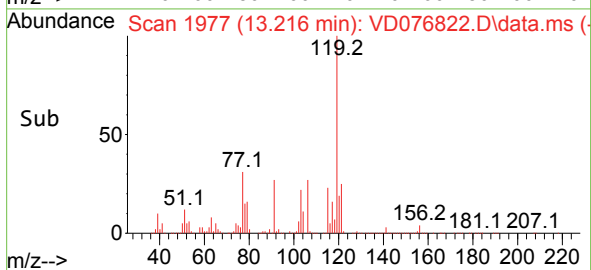
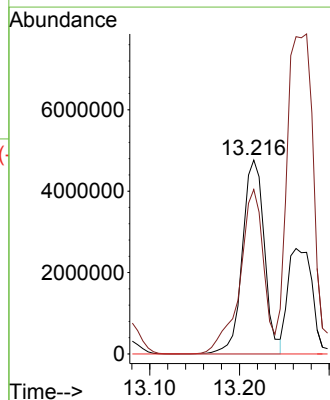
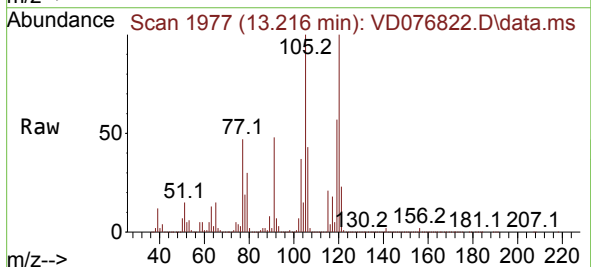
Instrument :
MSVOA_D
ClientSampleId :

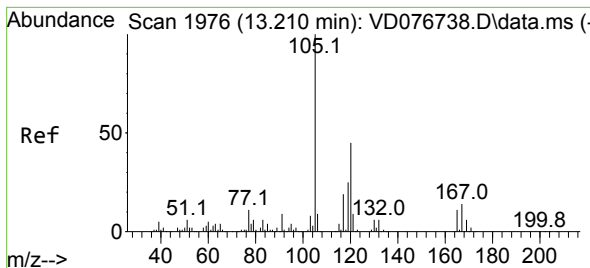
Tgt Ion: 91 Resp: 1427333
Ion Ratio Lower Upper
91 100
126 30.4 19.4 58.4



#83
tert-Butylbenzene
Concen: 4041.629 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.047 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

Tgt Ion: 119 Resp: 8089482
Ion Ratio Lower Upper
119 100
91 91.8 29.3 87.8#
134 0.0 14.1 42.3#





#84

1,2,4-Trimethylbenzene

Concen: 1503.073 ug/l

RT: 13.063 min Scan# 1951

Delta R.T. -0.147 min

Lab File: VD076822.D

Acq: 26 Jul 2023 22:57

Instrument :

MSVOA_D

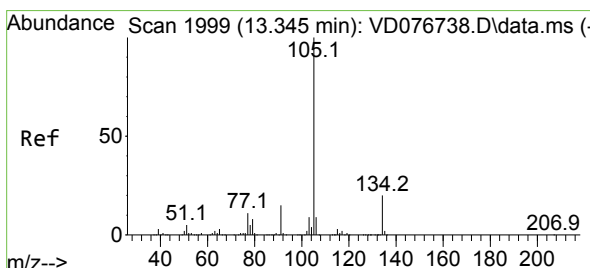
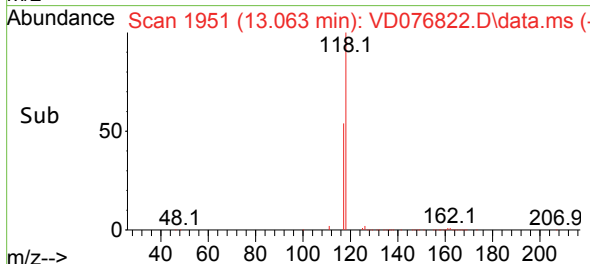
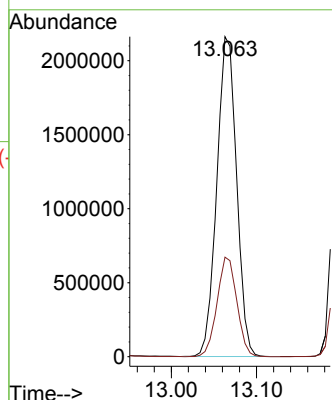
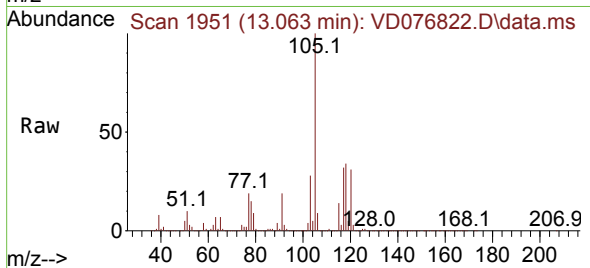
ClientSampleId :

Tgt Ion:105 Resp: 3491618

Ion Ratio Lower Upper

105 100

120 31.1 24.3 72.9



#85

sec-Butylbenzene

Concen: 3999.206 ug/l

RT: 13.551 min Scan# 2034

Delta R.T. 0.206 min

Lab File: VD076822.D

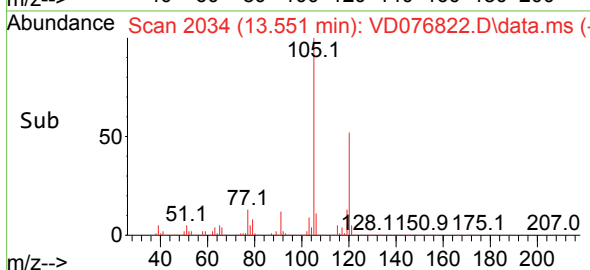
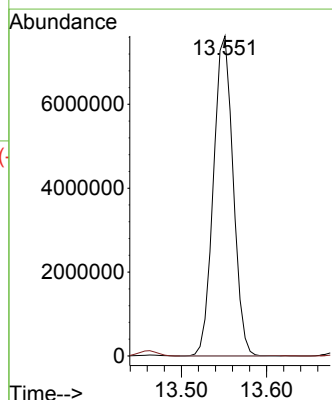
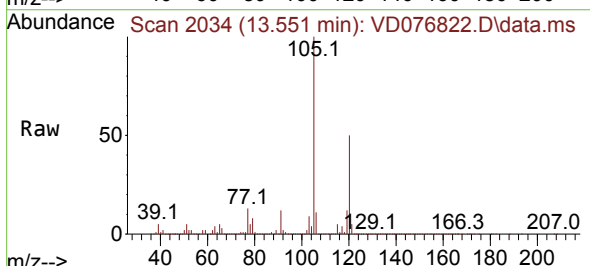
Acq: 26 Jul 2023 22:57

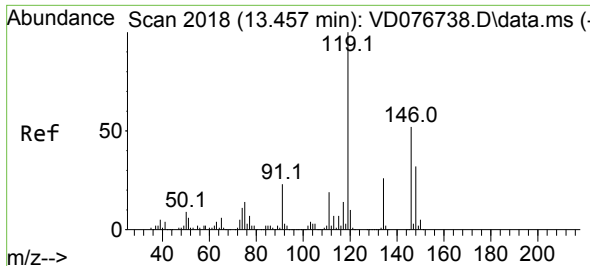
Tgt Ion:105 Resp:12229614

Ion Ratio Lower Upper

105 100

134 0.0 10.9 32.9#

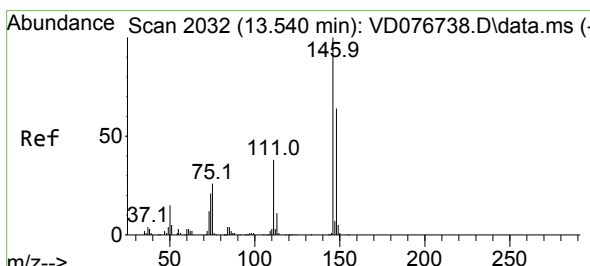
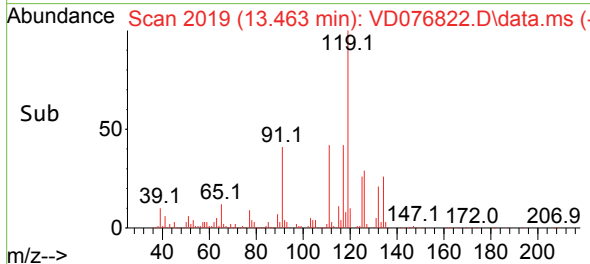
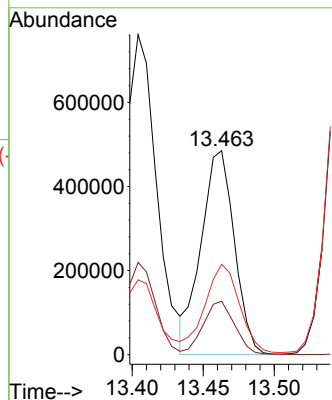
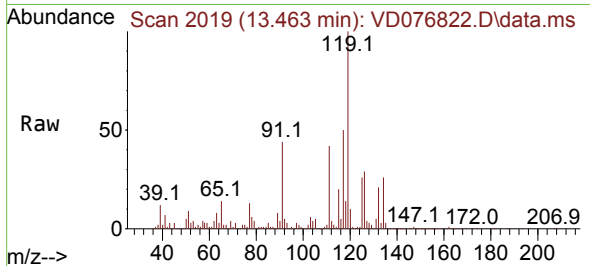




#86
p-Isopropyltoluene
Concen: 312.882 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

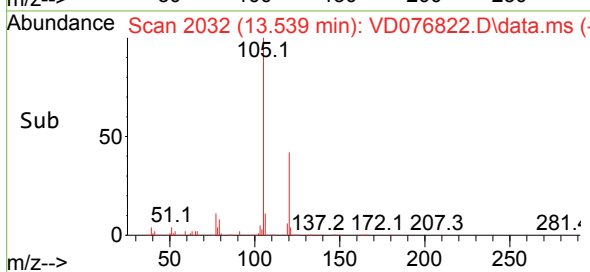
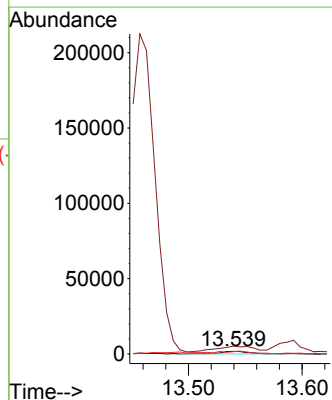
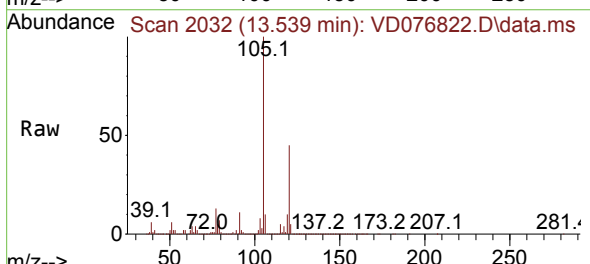
Instrument :
MSVOA_D
ClientSampleId :

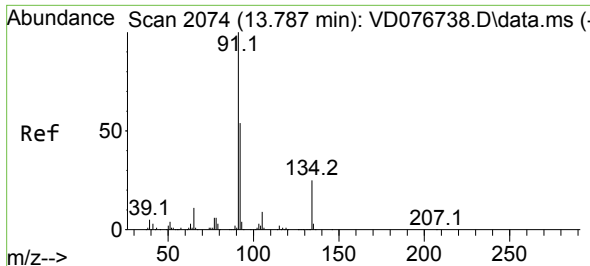
Tgt Ion:119 Resp: 790183
Ion Ratio Lower Upper
119 100
134 24.7 14.2 42.6
91 0.0 10.5 31.5#



#88
1,4-Dichlorobenzene
Concen: 2.459 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.001 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

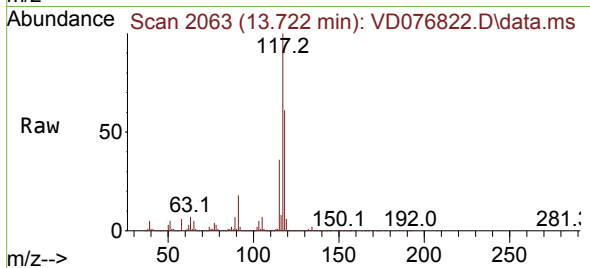
Tgt Ion:146 Resp: 3216
Ion Ratio Lower Upper
146 100
111 0.0 17.4 52.3#
148 97.7 31.7 95.1#



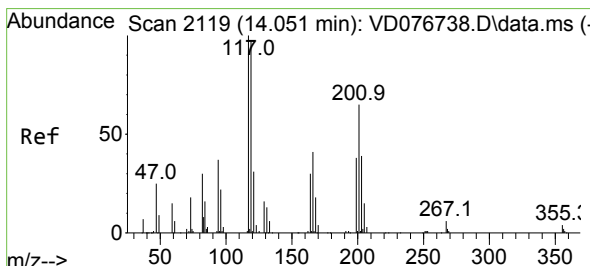
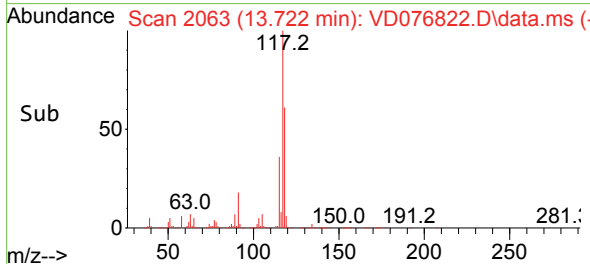
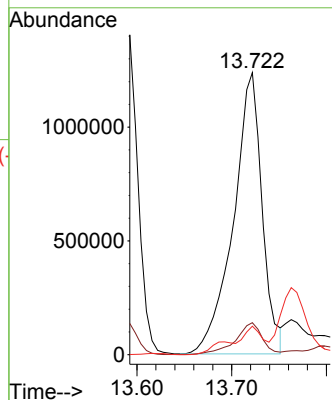


#89
n-Butylbenzene
Concen: 1053.786 ug/l
RT: 13.722 min Scan# 2074
Delta R.T. -0.065 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

Instrument :
MSVOA_D
ClientSampleId :

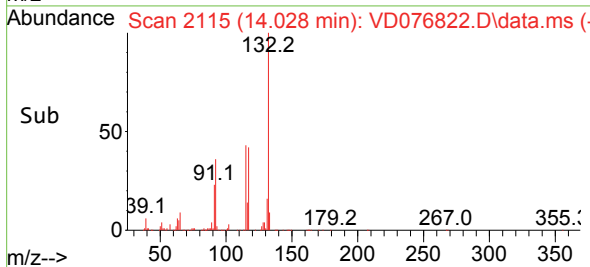
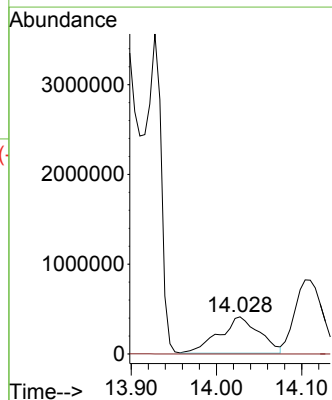
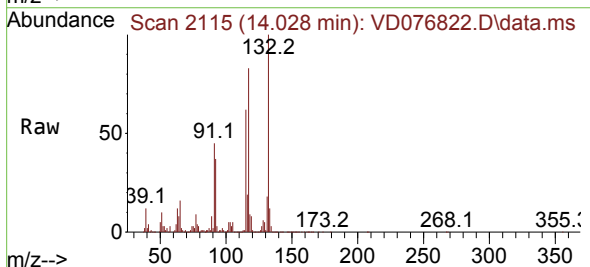


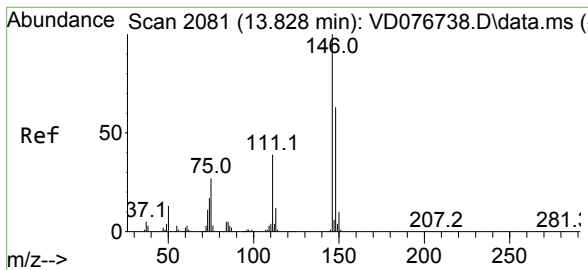
Tgt Ion: 91 Resp: 2604232
Ion Ratio Lower Upper
91 100
92 10.6 26.5 79.5#
134 6.7 13.8 41.3#



#90
Hexachloroethane
Concen: 2835.554 ug/l
RT: 14.028 min Scan# 2115
Delta R.T. -0.023 min
Lab File: VD076822.D
Acq: 26 Jul 2023 22:57

Tgt Ion: 117 Resp: 1323938
Ion Ratio Lower Upper
117 100
201 0.0 38.5 115.5#

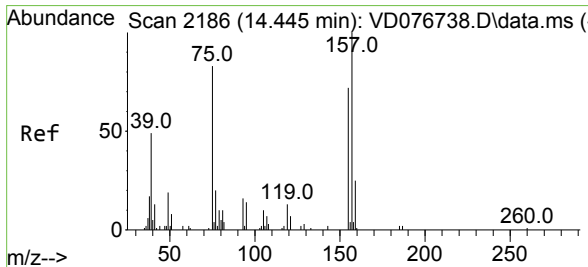
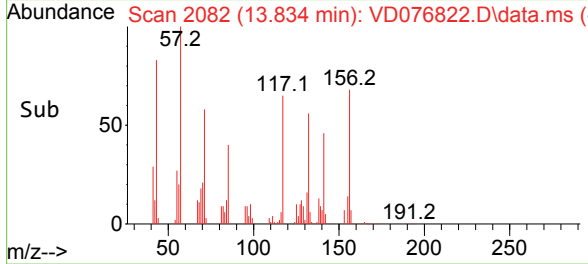
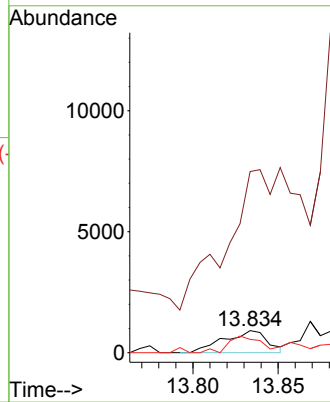
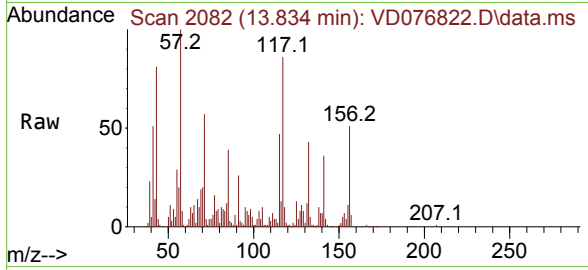




#91
 1,2-Dichlorobenzene
 Concen: 1.381 ug/l
 RT: 13.834 min Scan# 2081
 Delta R.T. 0.006 min
 Lab File: VD076822.D
 Acq: 26 Jul 2023 22:57

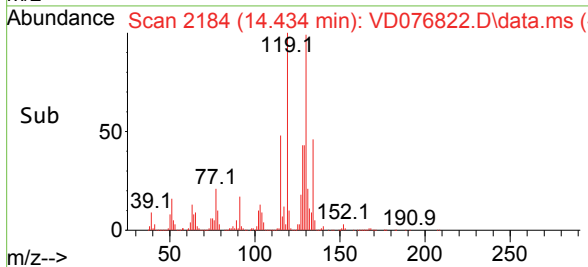
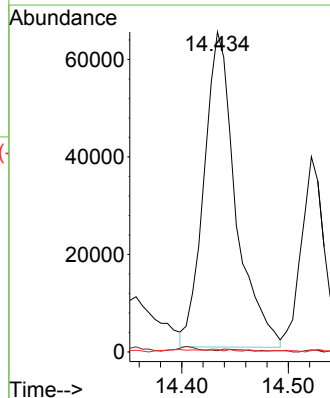
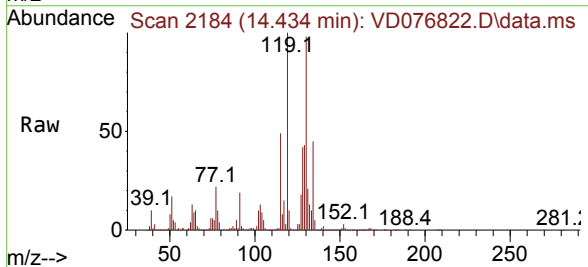
Instrument :
 MSVOA_D
 ClientSampleId :

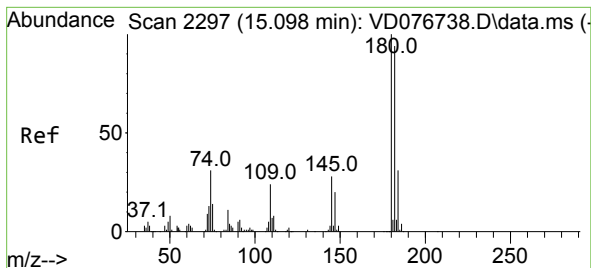
Tgt Ion:146 Resp: 1624
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.3 54.8#
 148 55.0 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1556.986 ug/l
 RT: 14.434 min Scan# 2184
 Delta R.T. -0.011 min
 Lab File: VD076822.D
 Acq: 26 Jul 2023 22:57

Tgt Ion: 75 Resp: 134001
 Ion Ratio Lower Upper
 75 100
 155 0.0 47.9 143.8#
 157 0.3 59.9 179.7#





#93

1,2,4-Trichlorobenzene

Concen: 6.131 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD076822.D

Acq: 26 Jul 2023 22:57

Instrument :

MSVOA_D

ClientSampleId :

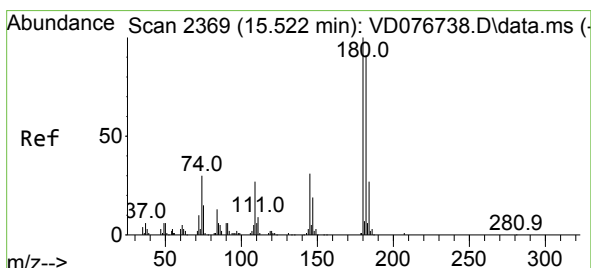
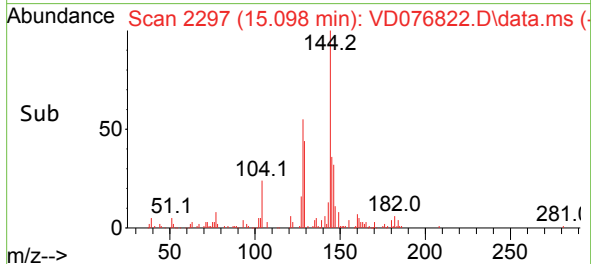
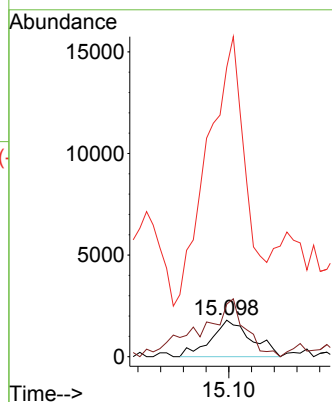
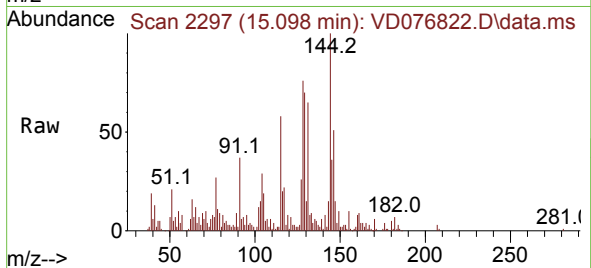
Tgt Ion:180 Resp: 4402

Ion Ratio Lower Upper

180 100

182 180.6 48.5 145.6#

145 759.2 14.2 42.6#



#96

1,2,3-Trichlorobenzene

Concen: 2.314 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD076822.D

Acq: 26 Jul 2023 22:57

Tgt Ion:180 Resp: 1491

Ion Ratio Lower Upper

180 100

182 37.7 47.3 141.9#

145 489.9 15.1 45.3#

