

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010062.D
 Acq On : 17 Aug 2022 12:43
 Operator : KP/MD
 Sample : N4143-01
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-21204

Quant Time: Aug 17 14:57:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

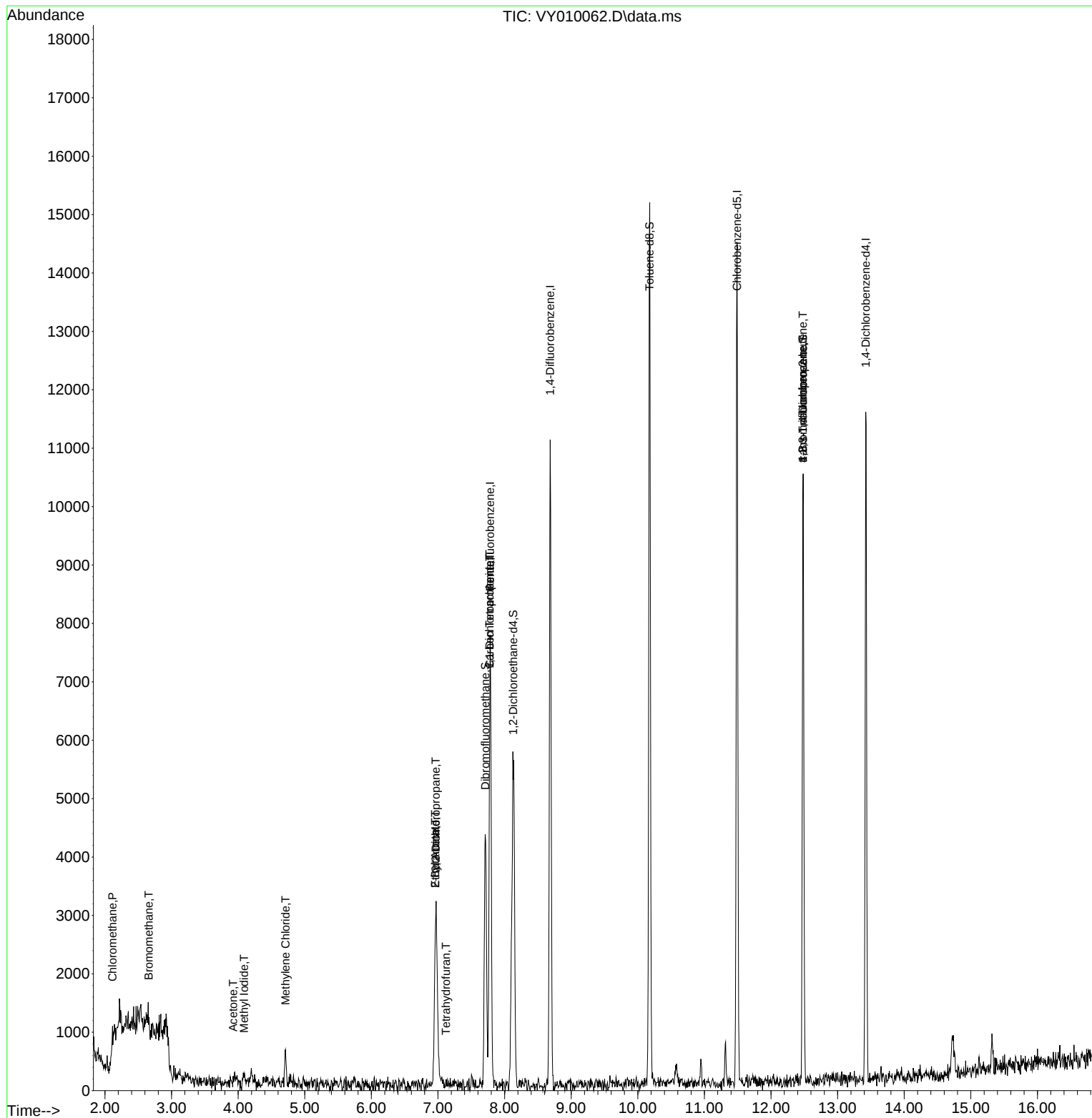
Internal Standards						
1) Pentafluorobenzene	7.783	168	6683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	9677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	8694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	3866	57.856	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.720%			
35) Dibromofluoromethane	7.710	113	3193	50.880	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.760%			
50) Toluene-d8	10.179	98	10423	44.892	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 89.780%			
62) 4-Bromofluorobenzene	12.477	95	2958	36.273	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 72.540%			
Target Compounds						Qvalue
3) Chloromethane	2.113	50	76	1.014	ug/l #	43
5) Bromomethane	2.656	94	141	1.817	ug/l	92
10) Methyl Iodide	4.088	142	211	2.977	ug/l #	38
16) Acetone	3.924	43	98	6.847	ug/l #	48
20) Methylene Chloride	4.710	84	350	2.054	ug/l #	82
25) 2-Butanone	6.960	43	54	2.758	ug/l #	48
26) 2,2-Dichloropropane	6.966	77	201	1.901	ug/l #	53
29) Tetrahydrofuran	7.118	42	20	1.573	ug/l #	32
36) 1,1-Dichloropropene	7.777	75	348	3.981	ug/l #	41
37) Ethyl Acetate	6.960	43	54	1.227	ug/l #	1
38) Carbon Tetrachloride	7.777	117	640	5.953	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	1596	50.007	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	1596	113.010	ug/l #	12

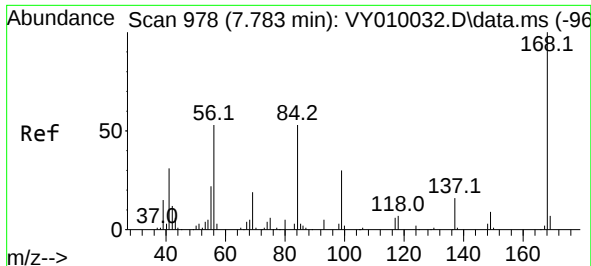
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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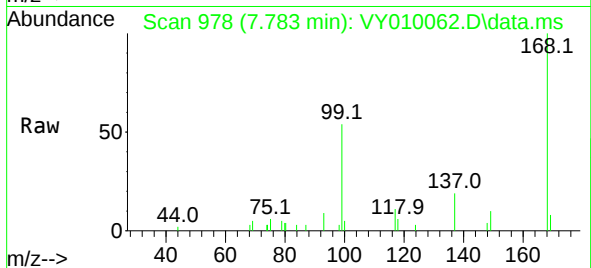
Quant Time: Aug 17 14:57:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
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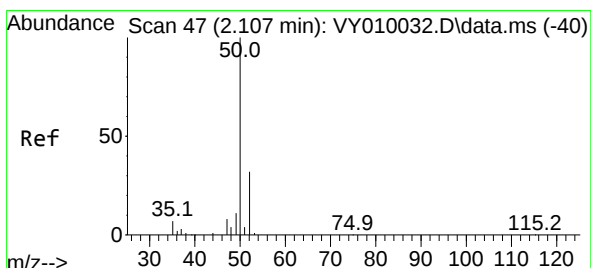
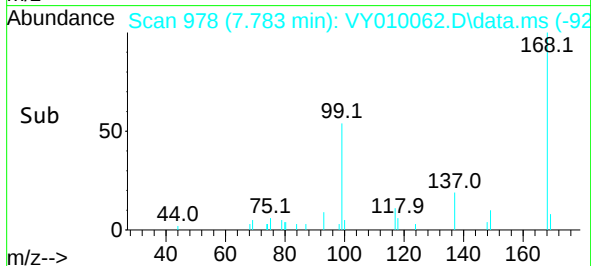
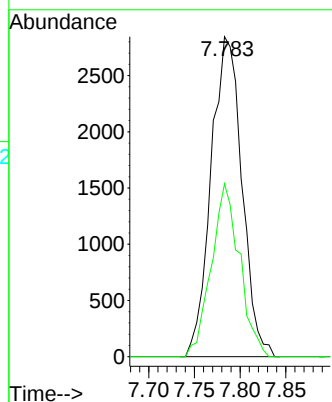


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010062.D
Acq: 17 Aug 2022 12:43

Instrument :
MSVOA_Y
ClientSampleId :
RB-21204

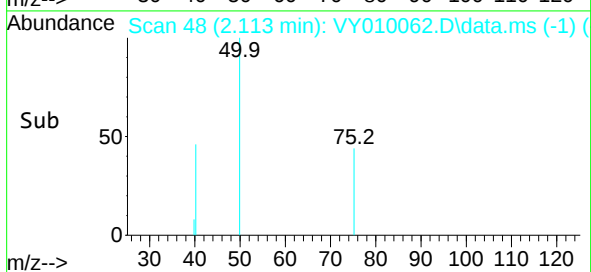
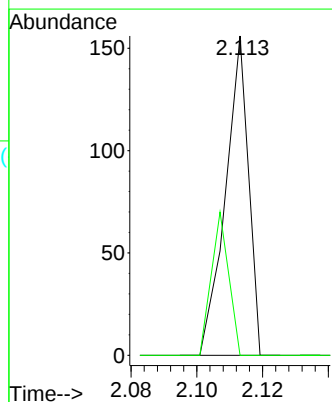
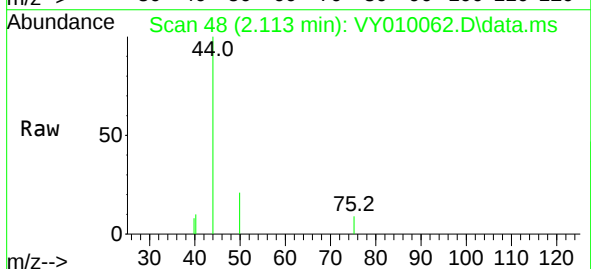


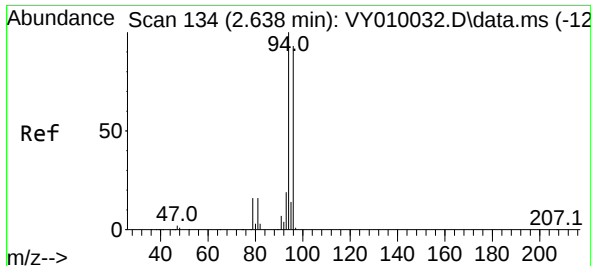
Tgt Ion:168 Resp: 6683
Ion Ratio Lower Upper
168 100
99 54.0 37.7 56.5



#3
Chloromethane
Concen: 1.014 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY010062.D
Acq: 17 Aug 2022 12:43

Tgt Ion: 50 Resp: 76
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

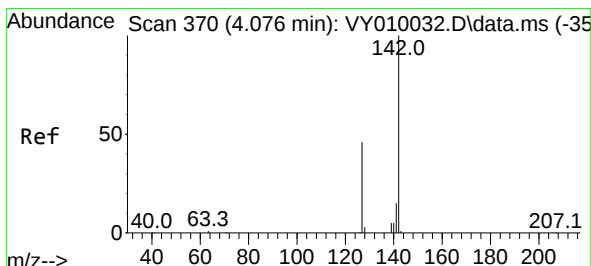
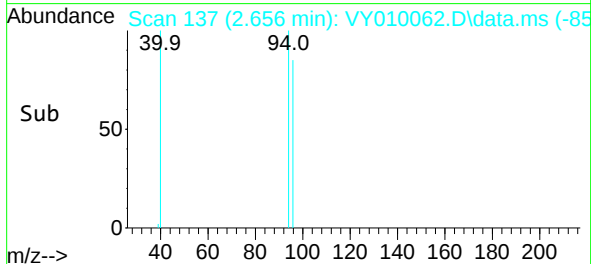
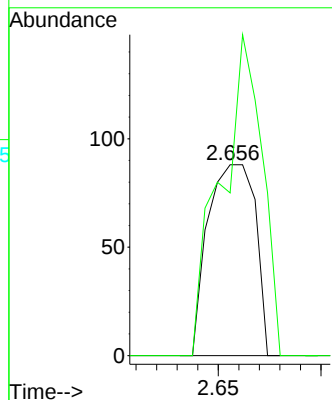
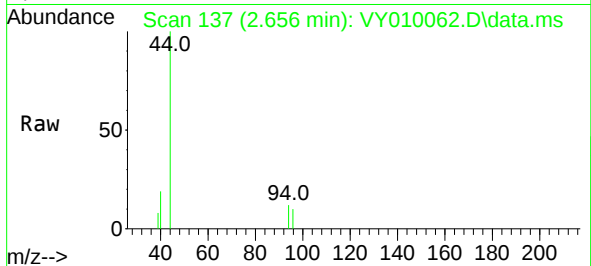




#5
Bromomethane
Concen: 1.817 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY010062.D
Acq: 17 Aug 2022 12:43

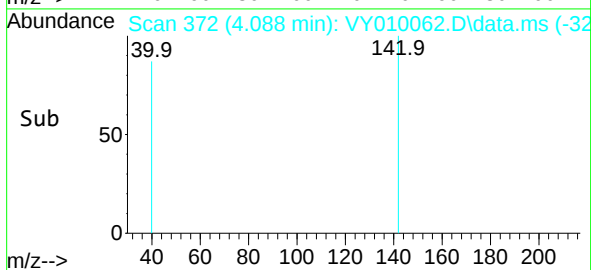
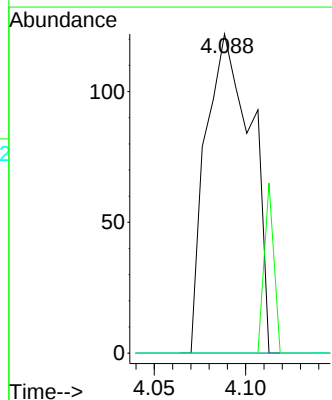
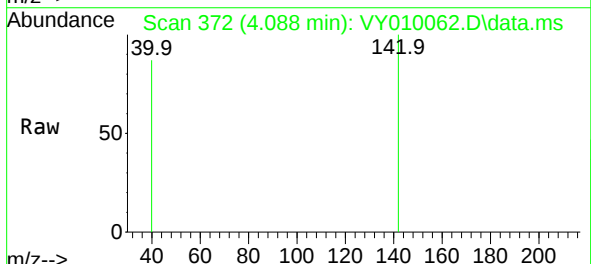
Instrument :
MSVOA_Y
ClientSampleId :
RB-21204

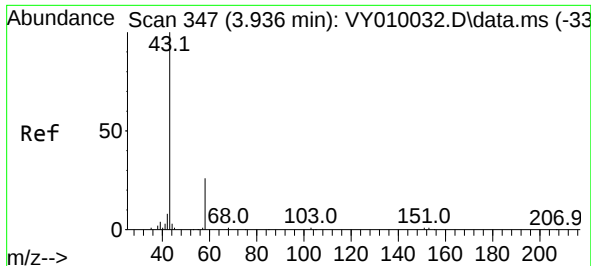
Tgt Ion: 94 Resp: 141
Ion Ratio Lower Upper
94 100
96 85.2 74.2 111.2



#10
Methyl Iodide
Concen: 2.977 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.012 min
Lab File: VY010062.D
Acq: 17 Aug 2022 12:43

Tgt Ion:142 Resp: 211
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.6 17.4#

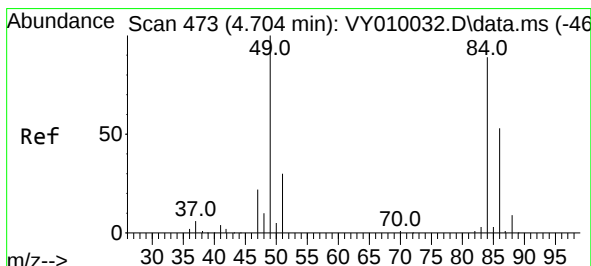
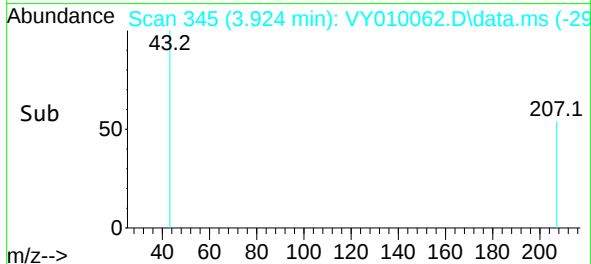
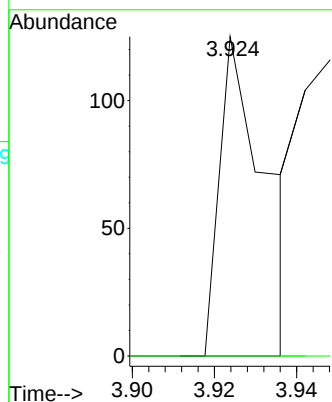
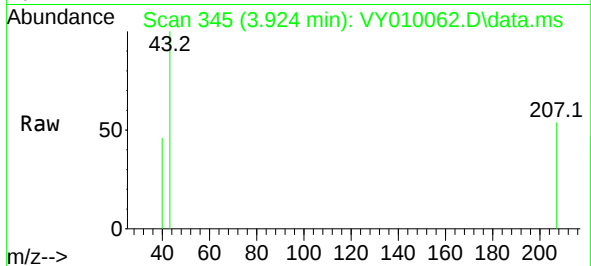




#16
Acetone
Concen: 6.847 ug/l
RT: 3.924 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY010062.D
Acq: 17 Aug 2022 12:43

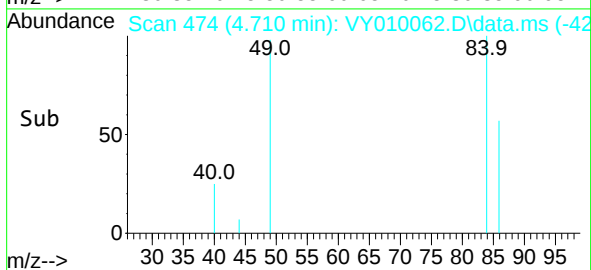
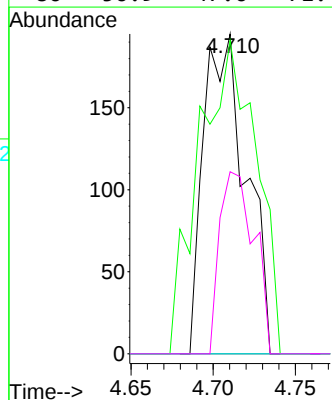
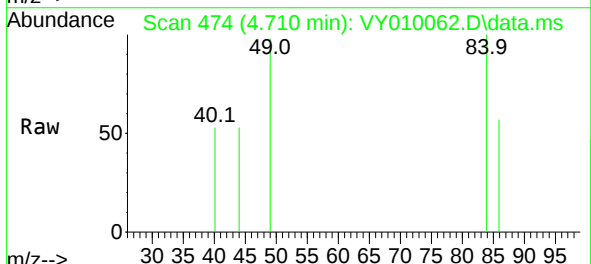
Instrument :
MSVOA_Y
ClientSampleId :
RB-21204

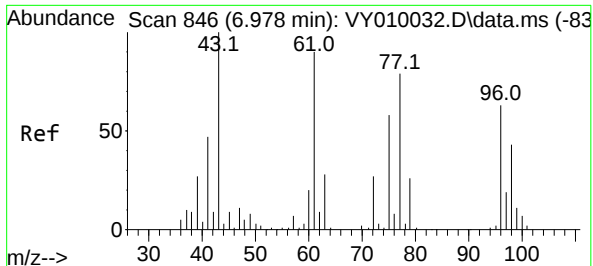
Tgt Ion: 43 Resp: 98
Ion Ratio Lower Upper
43 100
58 0.0 21.4 32.0#



#20
Methylene Chloride
Concen: 2.054 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY010062.D
Acq: 17 Aug 2022 12:43

Tgt Ion: 84 Resp: 350
Ion Ratio Lower Upper
84 100
49 97.9 89.5 134.3
51 0.0 26.8 40.2#
86 56.9 47.6 71.4





#25

2-Butanone

Concen: 2.758 ug/l

RT: 6.960 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY010062.D

Acq: 17 Aug 2022 12:43

Instrument :

MSVOA_Y

ClientSampleId :

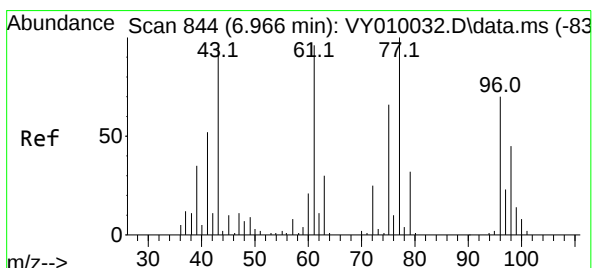
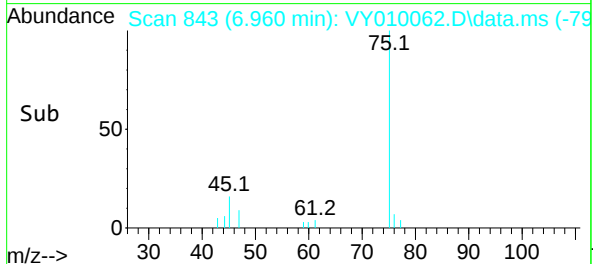
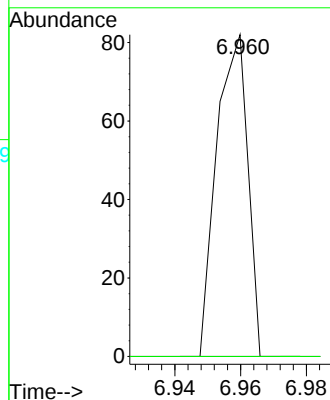
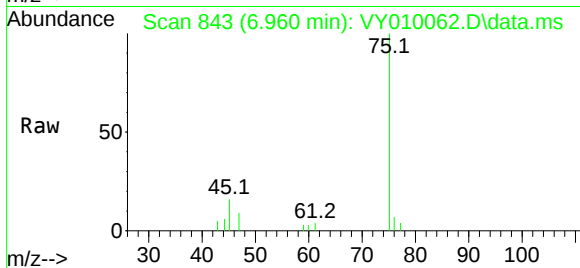
RB-21204

Tgt Ion: 43 Resp: 54

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 1.901 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.000 min

Lab File: VY010062.D

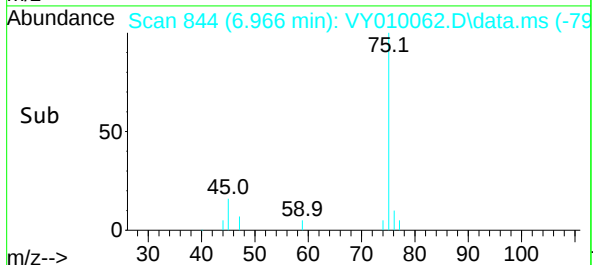
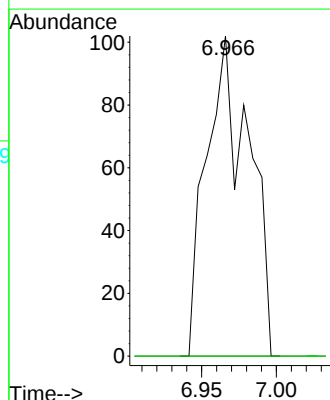
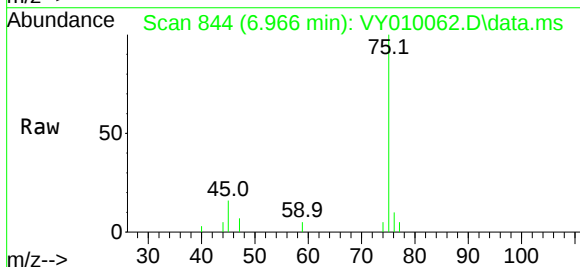
Acq: 17 Aug 2022 12:43

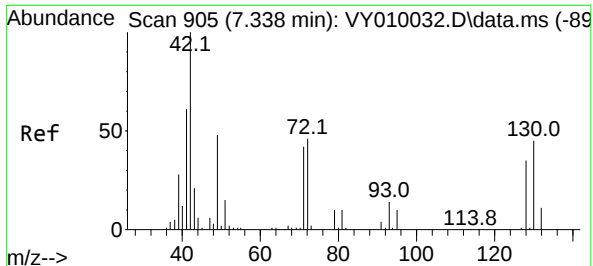
Tgt Ion: 77 Resp: 201

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.6#





#29

Tetrahydrofuran

Concen: 1.573 ug/l

RT: 7.118 min Scan# 80

Delta R.T. -0.220 min

Lab File: VY010062.D

Acq: 17 Aug 2022 12:43

Instrument :

MSVOA_Y

ClientSampleId :

RB-21204

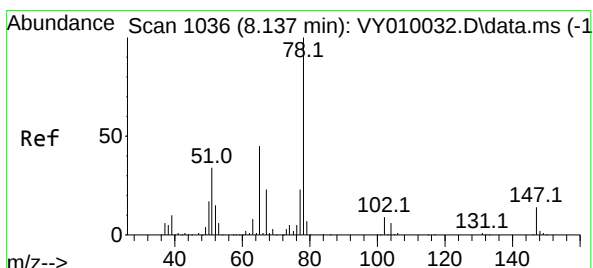
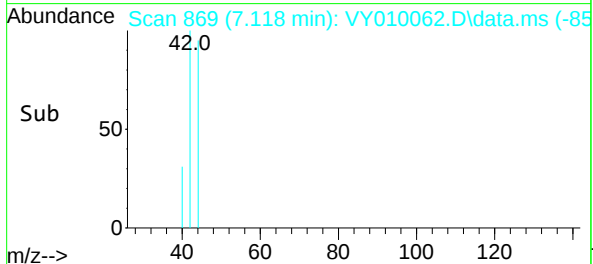
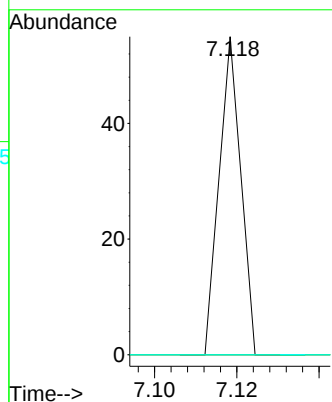
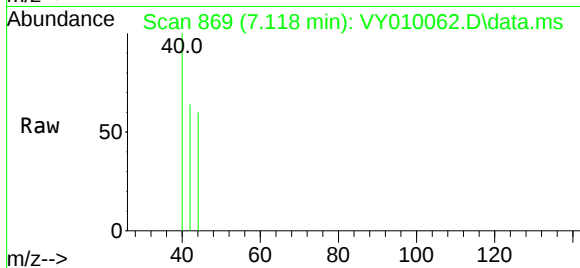
Tgt Ion: 42 Resp: 20

Ion Ratio Lower Upper

42 100

72 0.0 36.5 54.7#

71 0.0 33.4 50.2#



#33

1,2-Dichloroethane-d4

Concen: 57.856 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.007 min

Lab File: VY010062.D

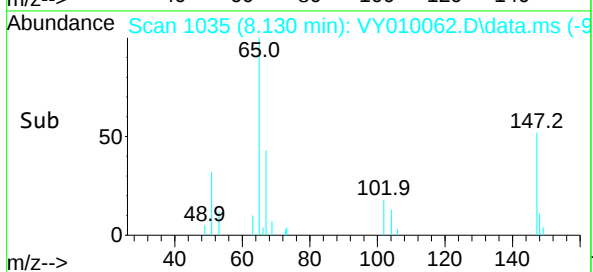
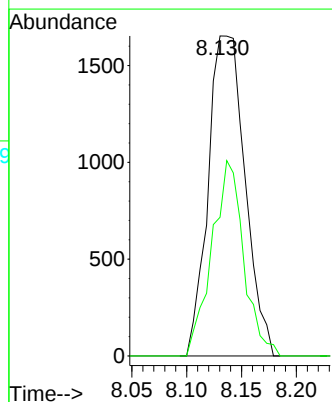
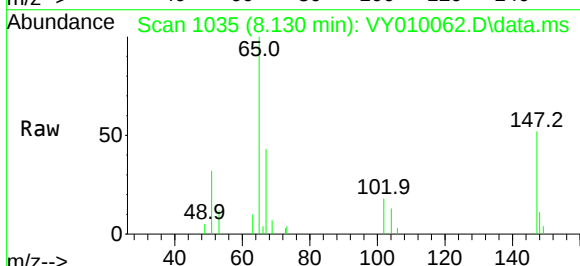
Acq: 17 Aug 2022 12:43

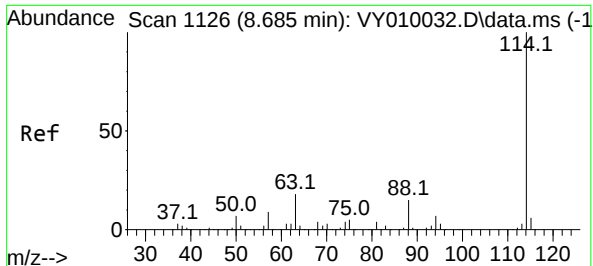
Tgt Ion: 65 Resp: 3866

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010062.D

Acq: 17 Aug 2022 12:43

Instrument :

MSVOA_Y

ClientSampleId :

RB-21204

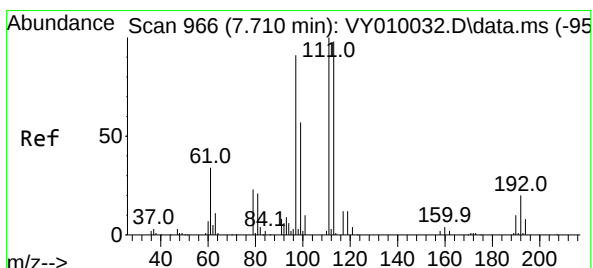
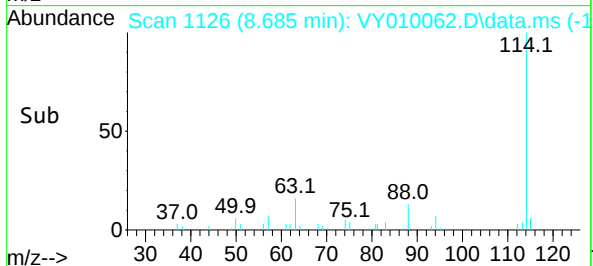
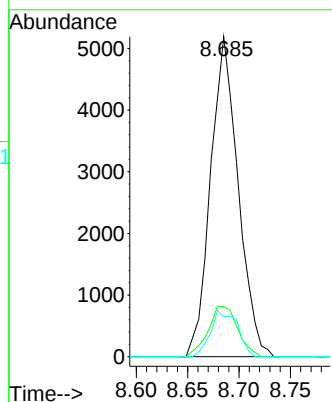
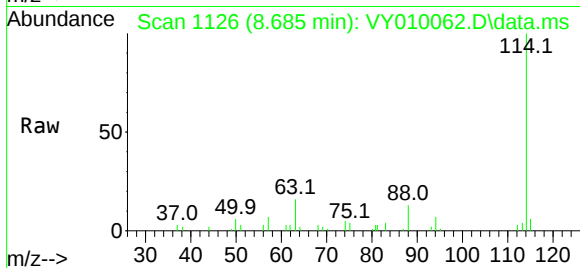
Tgt Ion:114 Resp: 9677

Ion Ratio Lower Upper

114 100

63 15.6 0.0 35.2

88 12.5 0.0 30.2



#35

Dibromofluoromethane

Concen: 50.880 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010062.D

Acq: 17 Aug 2022 12:43

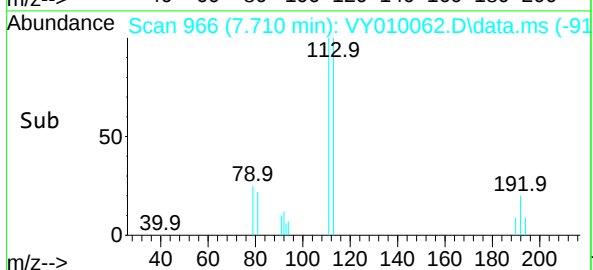
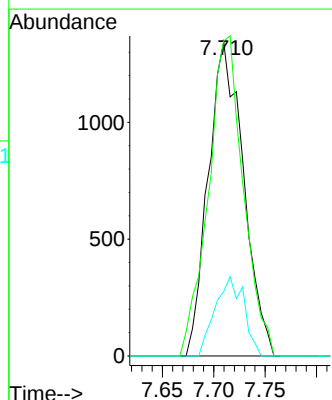
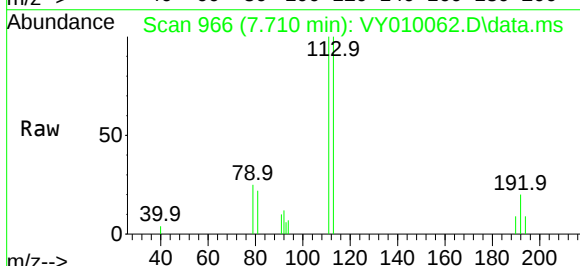
Tgt Ion:113 Resp: 3193

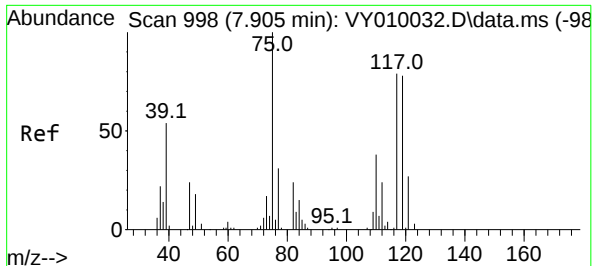
Ion Ratio Lower Upper

113 100

111 101.3 82.7 124.1

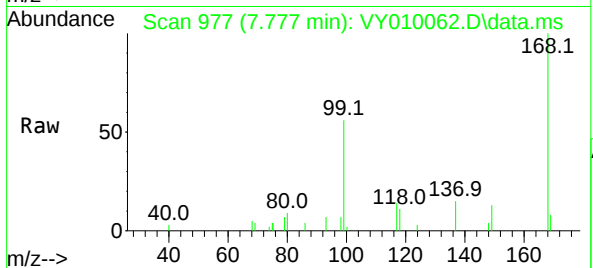
192 20.5 17.2 25.8



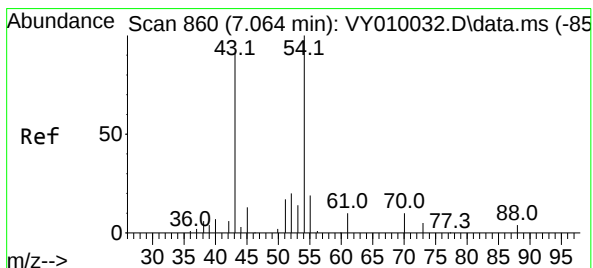
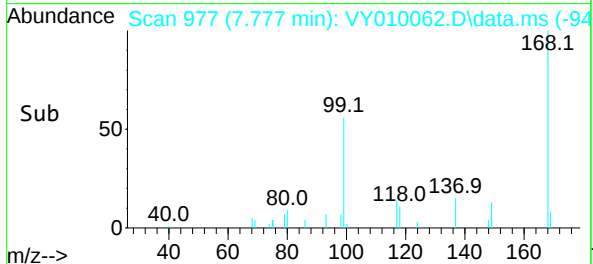
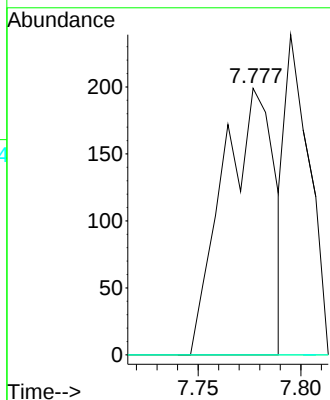


#36
1,1-Dichloropropene
Concen: 3.981 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010062.D
Acq: 17 Aug 2022 12:43

Instrument :
MSVOA_Y
ClientSampleId :
RB-21204

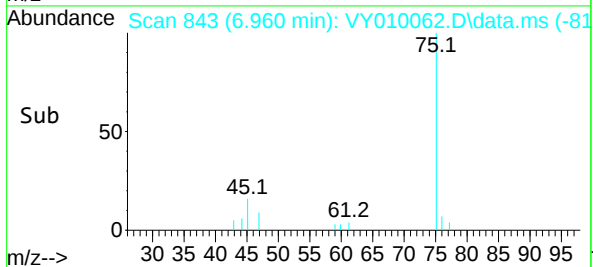
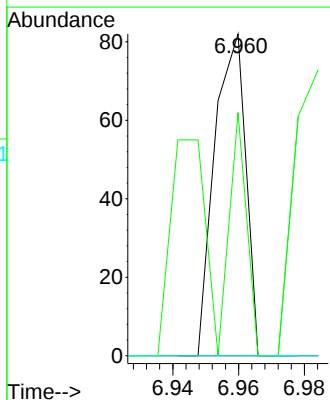
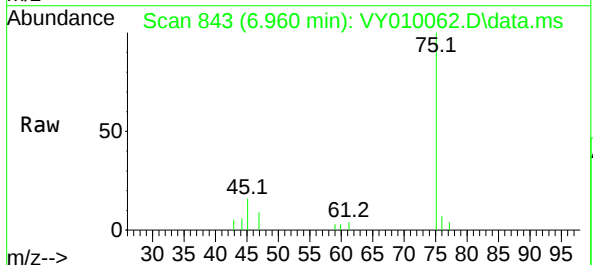


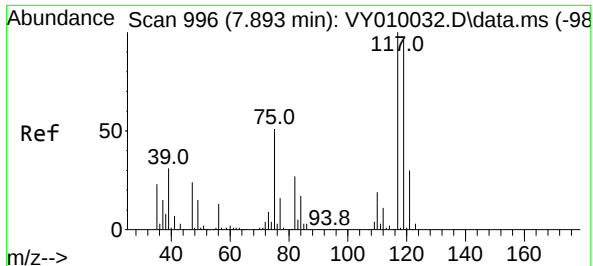
Tgt Ion: 75 Resp: 348
Ion Ratio Lower Upper
75 100
110 0.0 18.4 55.4#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 1.227 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.104 min
Lab File: VY010062.D
Acq: 17 Aug 2022 12:43

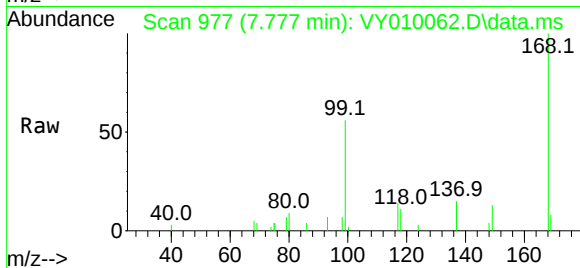
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
61 74.1 9.6 14.4#
70 0.0 7.9 11.9#



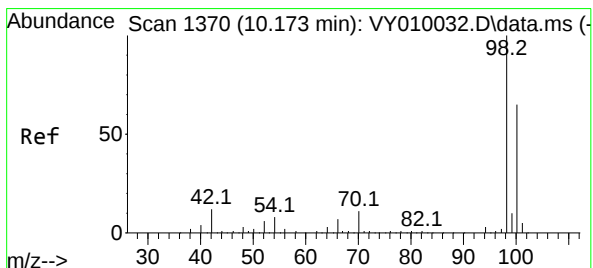
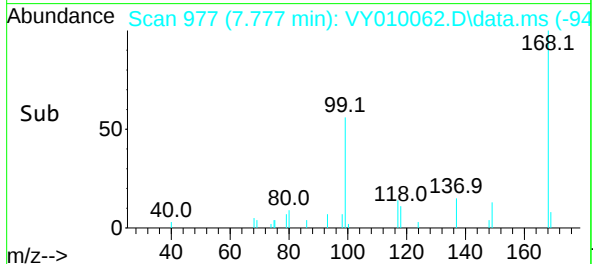
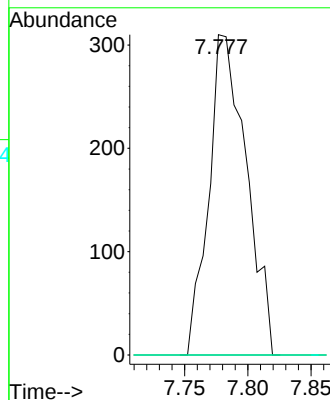


#38
Carbon Tetrachloride
Concen: 5.953 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010062.D
Acq: 17 Aug 2022 12:43

Instrument :
MSVOA_Y
ClientSampleId :
RB-21204

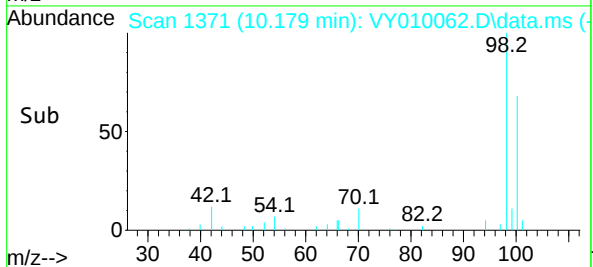
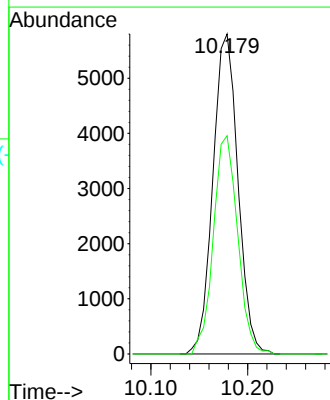
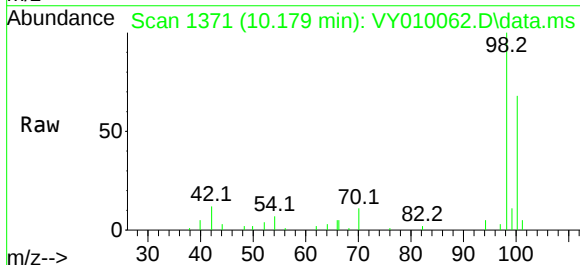


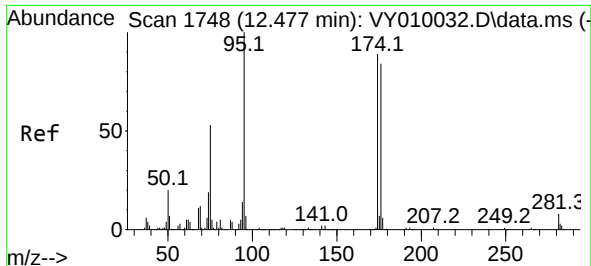
Tgt Ion:117 Resp: 640
Ion Ratio Lower Upper
117 100
119 0.0 77.0 115.6#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 44.892 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010062.D
Acq: 17 Aug 2022 12:43

Tgt Ion: 98 Resp: 10423
Ion Ratio Lower Upper
98 100
100 66.2 52.1 78.1

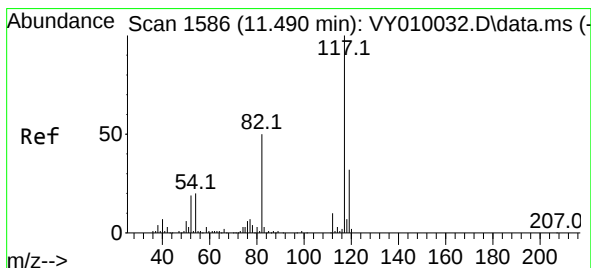
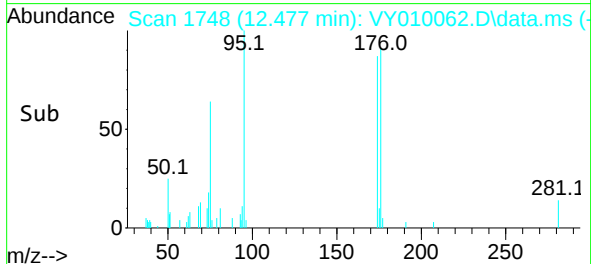
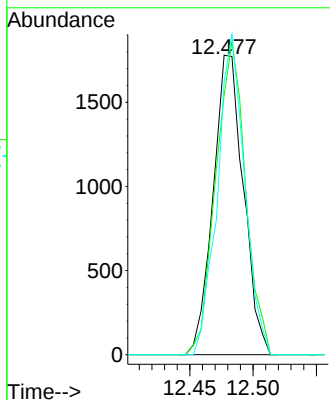
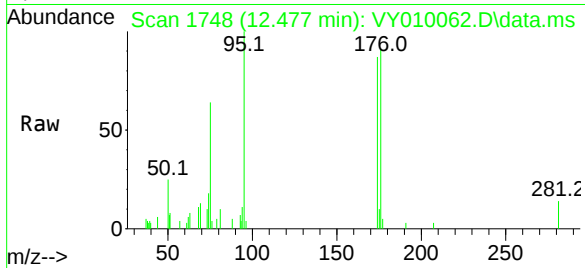




#62
4-Bromofluorobenzene
Concen: 36.273 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010062.D
Acq: 17 Aug 2022 12:43

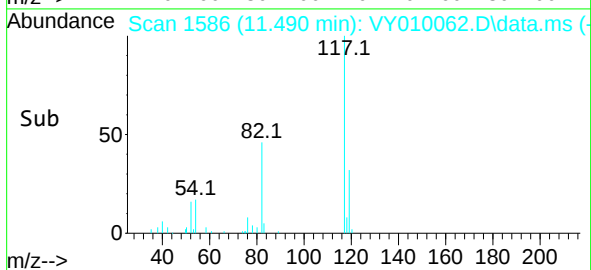
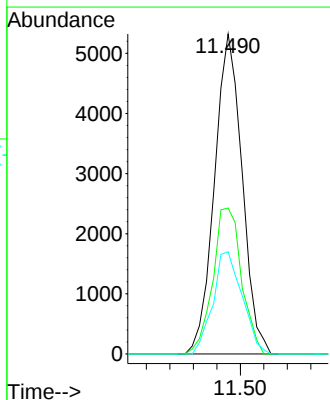
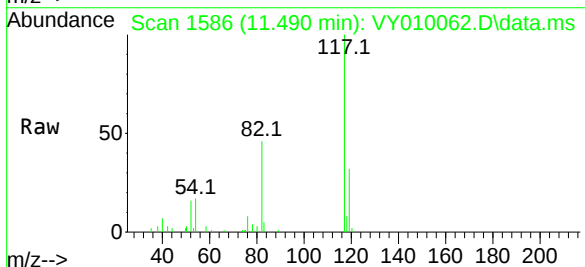
Instrument :
MSVOA_Y
ClientSampleId :
RB-21204

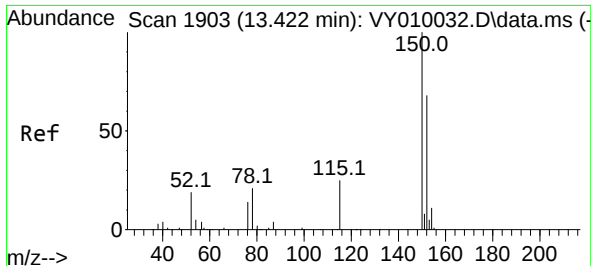
Tgt Ion:	95	Resp:	2958
Ion	Ratio	Lower	Upper
95	100		
174	102.5	0.0	184.2
176	96.2	0.0	178.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010062.D
Acq: 17 Aug 2022 12:43

Tgt Ion:	117	Resp:	8694
Ion	Ratio	Lower	Upper
117	100		
82	45.6	39.8	59.6
119	31.9	25.6	38.4

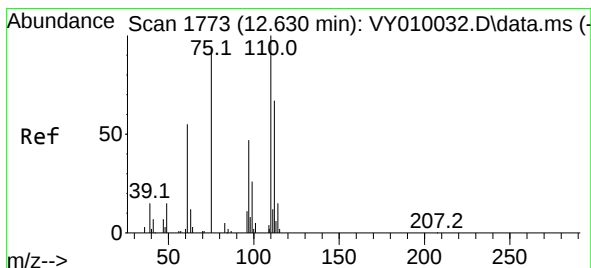
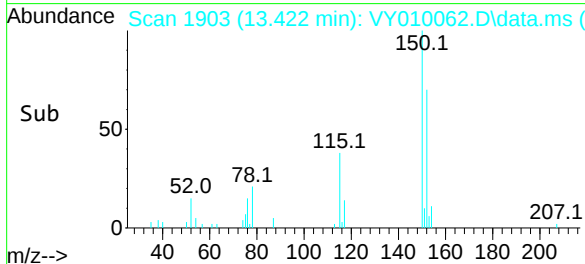
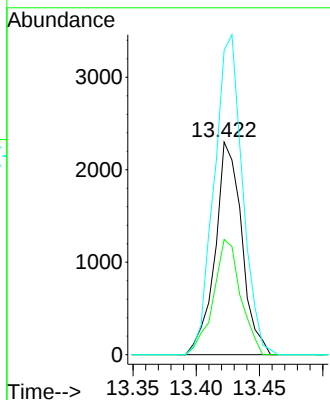
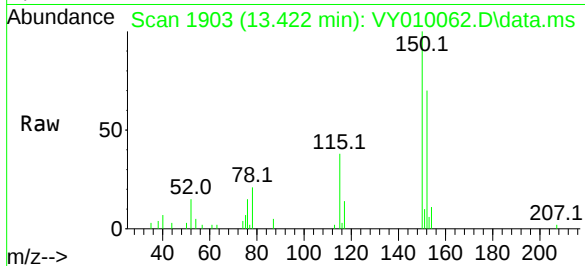




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010062.D
Acq: 17 Aug 2022 12:43

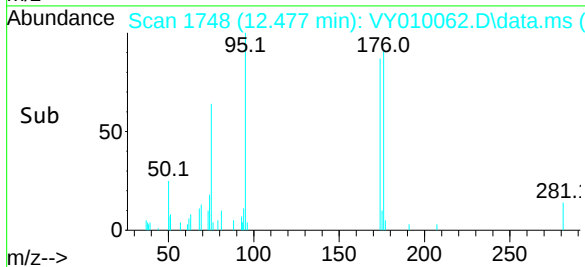
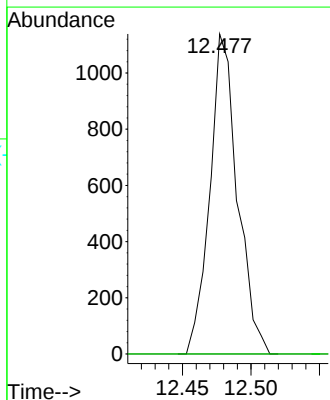
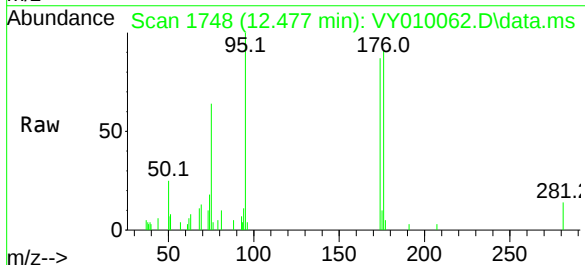
Instrument :
MSVOA_Y
ClientSampleId :
RB-21204

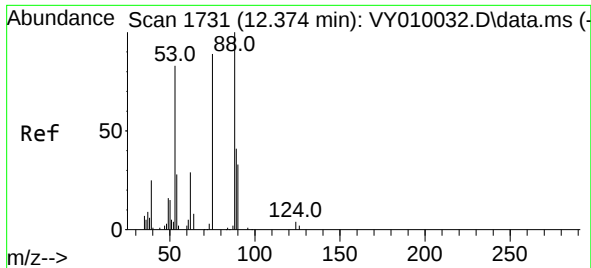
Tgt Ion:152 Resp: 3367
Ion Ratio Lower Upper
152 100
115 55.4 28.1 84.3
150 159.6 0.0 346.6



#76
1,2,3-Trichloropropane
Concen: 50.007 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010062.D
Acq: 17 Aug 2022 12:43

Tgt Ion: 75 Resp: 1596
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.010 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010062.D
 Acq: 17 Aug 2022 12:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-21204

Tgt Ion: 75 Resp: 1596
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 37.8 56.6#

