

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY009994.D
 Acq On : 12 Aug 2022 18:24
 Operator : KP/MD
 Sample : N4143-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-21204

Quant Time: Aug 13 02:57:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

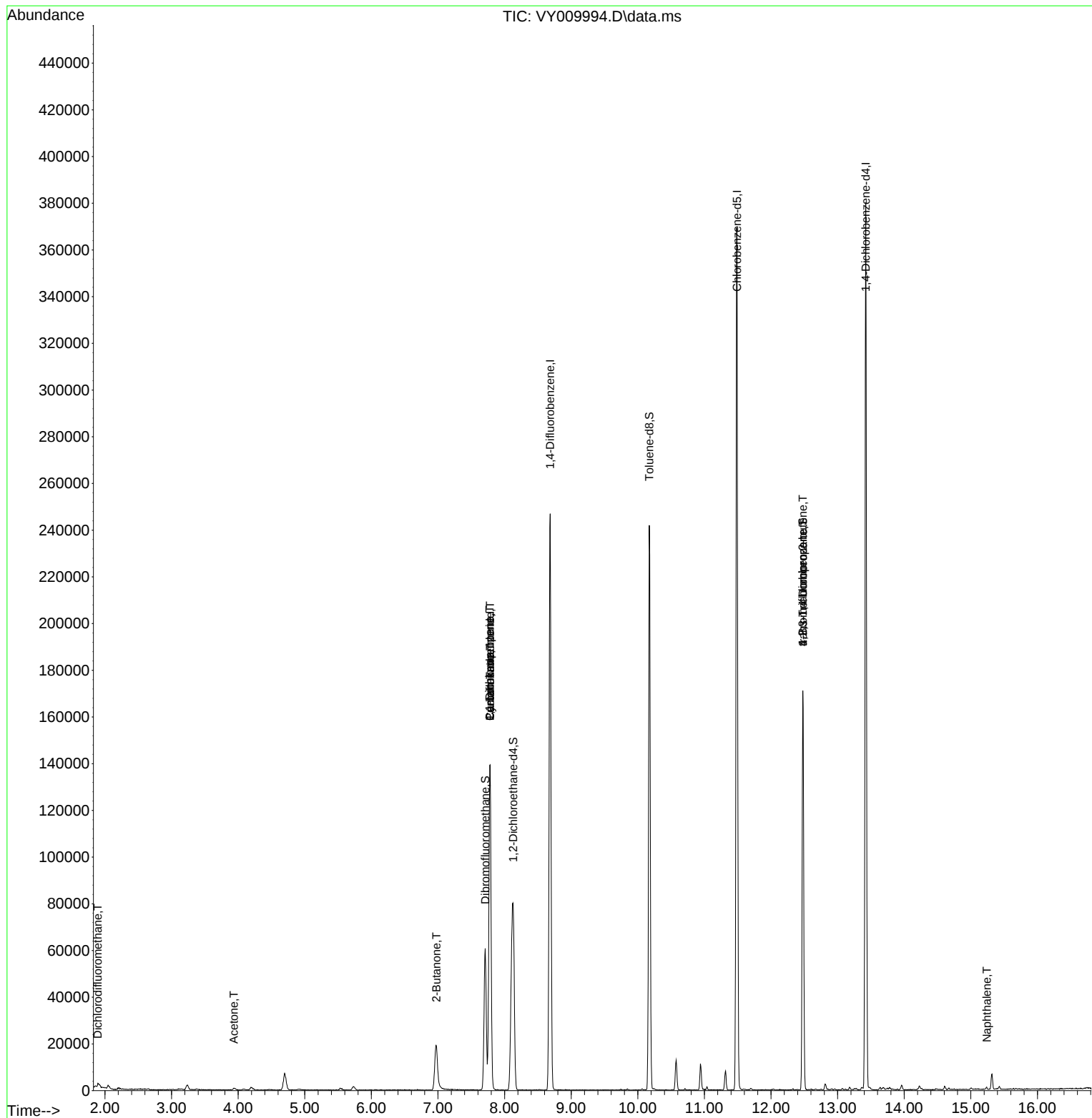
Internal Standards						
1) Pentafluorobenzene	7.783	168	109163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	221233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	215500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	42001	37.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.860%
35) Dibromofluoromethane	7.710	113	44777	33.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.140%
50) Toluene-d8	10.173	98	162722	31.364	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	62.720%
62) 4-Bromofluorobenzene	12.477	95	56425	29.684	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.360%
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.894	85	1274	1.300	ug/l	98
5) Bromomethane	2.650	94	219	Below Cal		90
11) Tert butyl alcohol	4.936	59	69	Below Cal	#	78
16) Acetone	3.936	43	1392	5.234	ug/l	96
18) Methyl Acetate	4.466	43	526	Below Cal	#	68
20) Methylene Chloride	4.698	84	5442	Below Cal	#	78
25) 2-Butanone	6.978	43	1002	2.428	ug/l	# 80
31) Cyclohexane	7.783	56	2275	1.148	ug/l	# 1
36) 1,1-Dichloropropene	7.777	75	8400	4.166	ug/l	# 48
38) Carbon Tetrachloride	7.783	117	11288	5.610	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	26289	23.335	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	26289	50.727	ug/l	# 13
95) Naphthalene	15.239	128	892	3.287	ug/l	# 89

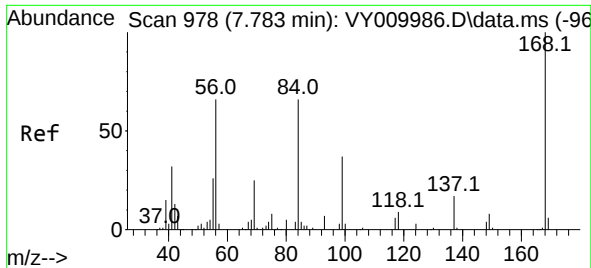
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
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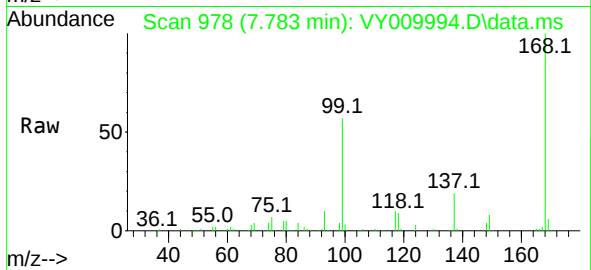
Quant Time: Aug 13 02:57:42 2022
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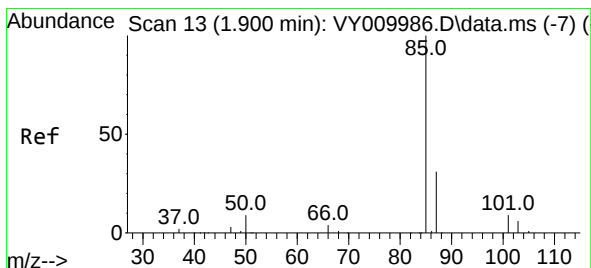
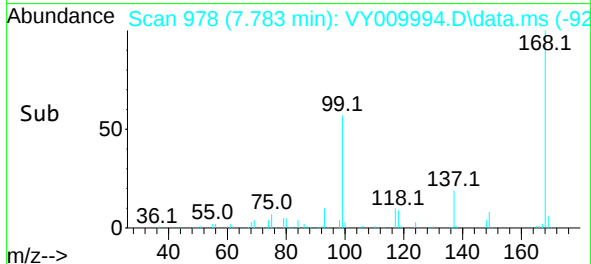
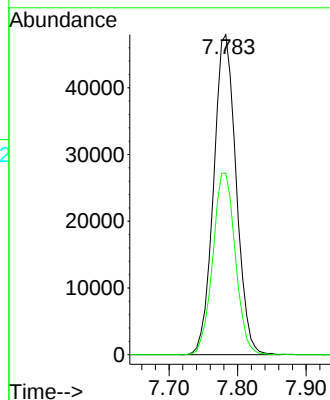


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009994.D
Acq: 12 Aug 2022 18:24

Instrument :
MSVOA_Y
ClientSampleId :
RB-21204

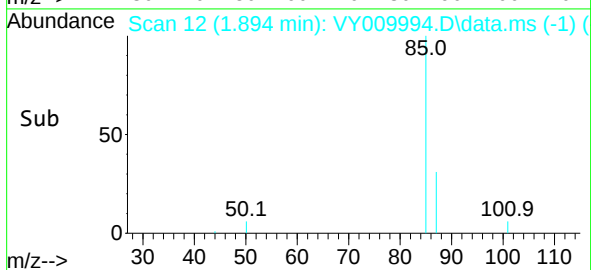
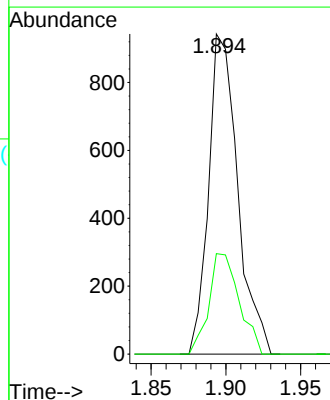
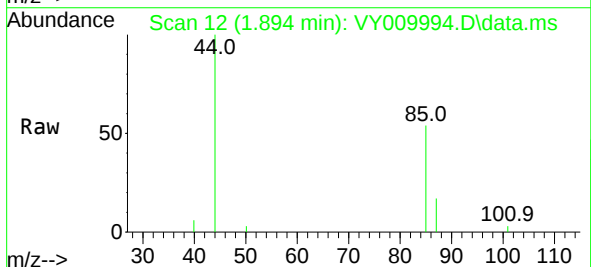


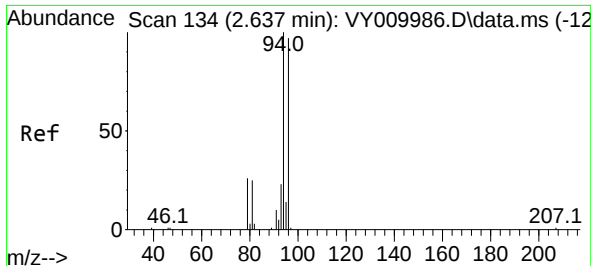
Tgt Ion:168 Resp: 109163
Ion Ratio Lower Upper
168 100
99 56.8 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 1.300 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY009994.D
Acq: 12 Aug 2022 18:24

Tgt Ion: 85 Resp: 1274
Ion Ratio Lower Upper
85 100
87 31.4 16.2 48.5

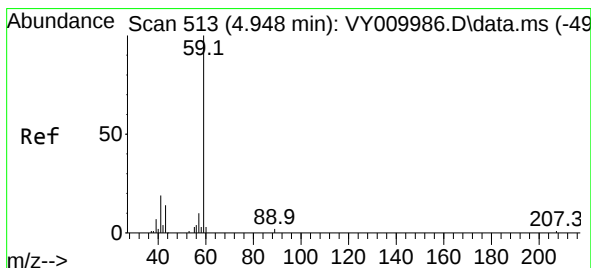
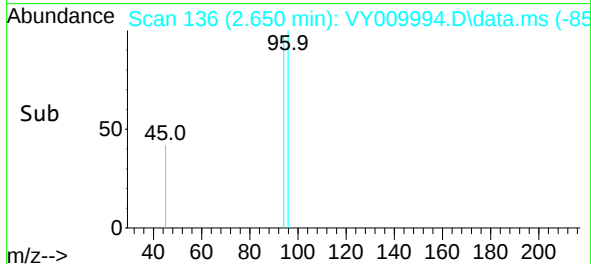
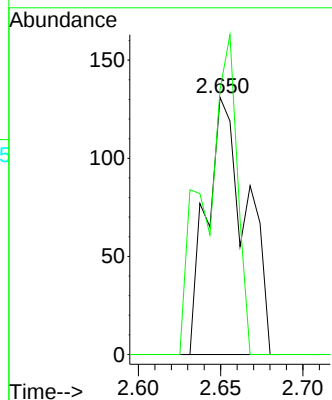
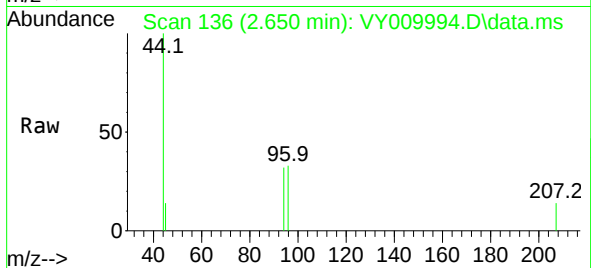




#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY009994.D
Acq: 12 Aug 2022 18:24

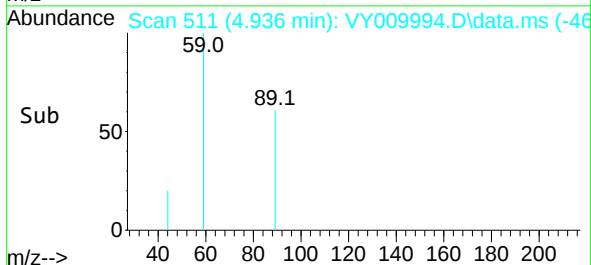
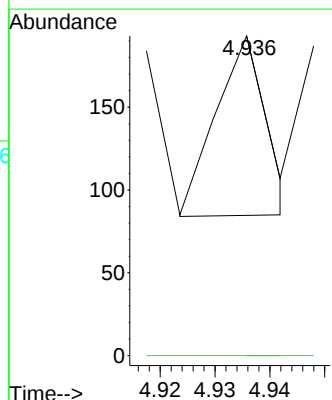
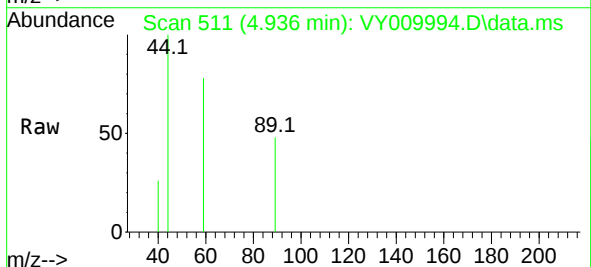
Instrument :
MSVOA_Y
ClientSampleId :
RB-21204

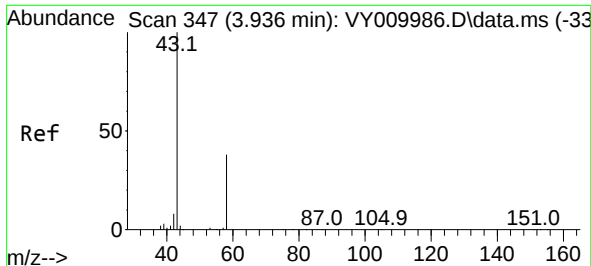
Tgt Ion: 94 Resp: 219
Ion Ratio Lower Upper
94 100
96 103.1 74.6 111.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009994.D
Acq: 12 Aug 2022 18:24

Tgt Ion: 59 Resp: 69
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#





#16

Acetone

Concen: 5.234 ug/l

RT: 3.936 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY009994.D

Acq: 12 Aug 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

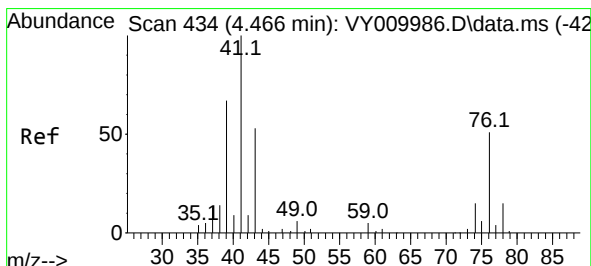
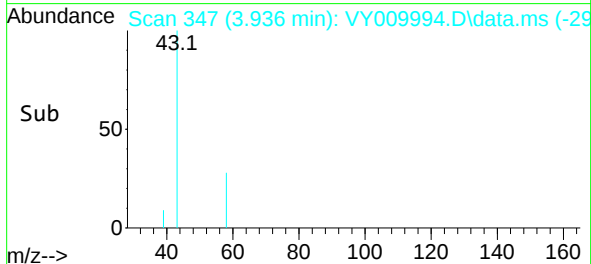
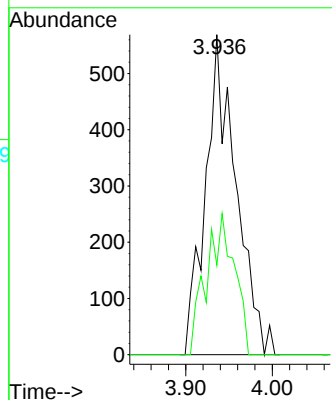
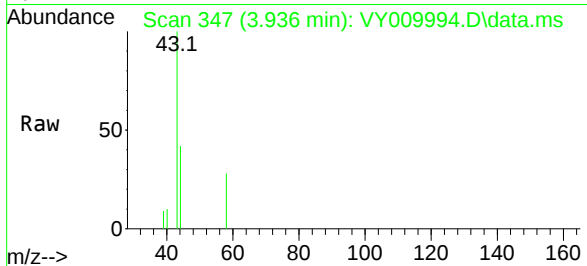
RB-21204

Tgt Ion: 43 Resp: 1392

Ion Ratio Lower Upper

43 100

58 27.9 24.0 36.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY009994.D

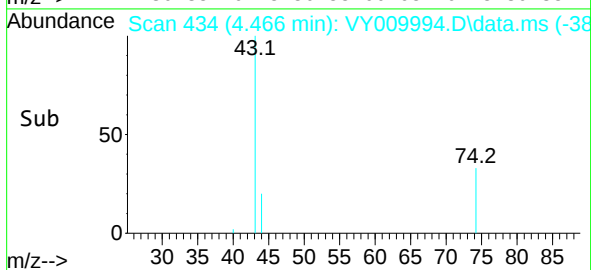
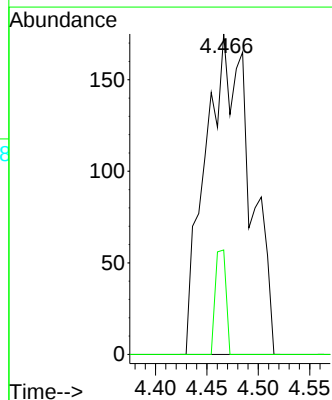
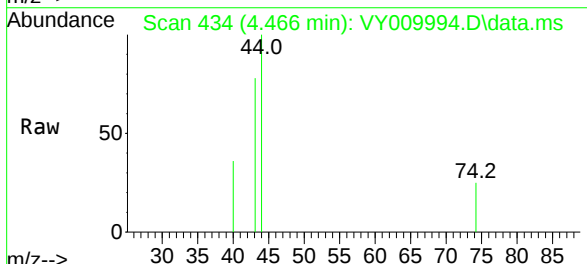
Acq: 12 Aug 2022 18:24

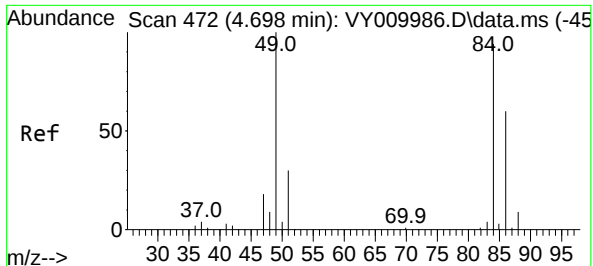
Tgt Ion: 43 Resp: 526

Ion Ratio Lower Upper

43 100

74 7.8 18.8 28.2#

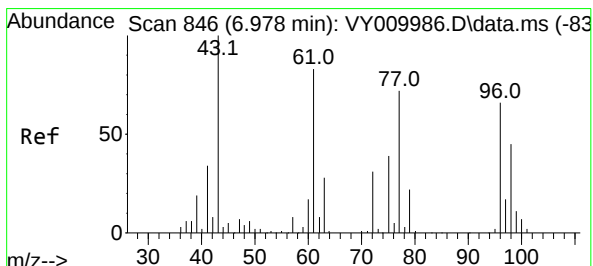
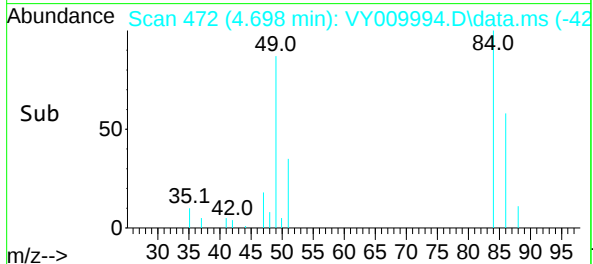
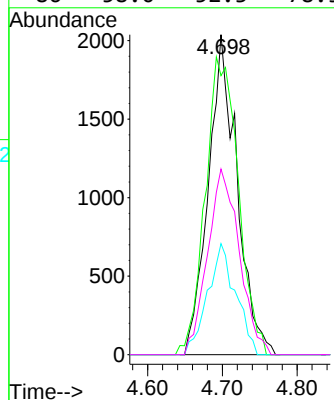
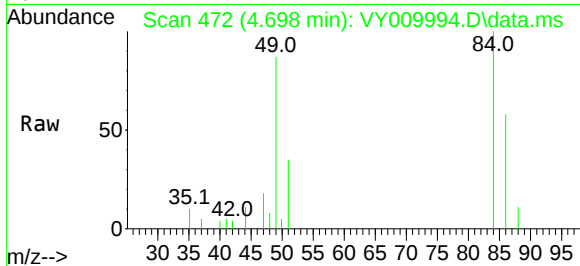




#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009994.D
Acq: 12 Aug 2022 18:24

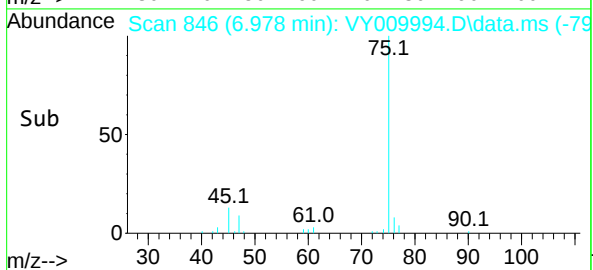
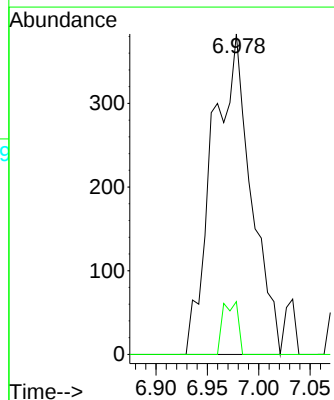
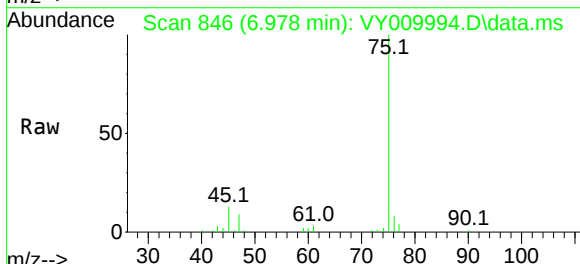
Instrument :
MSVOA_Y
ClientSampleId :
RB-21204

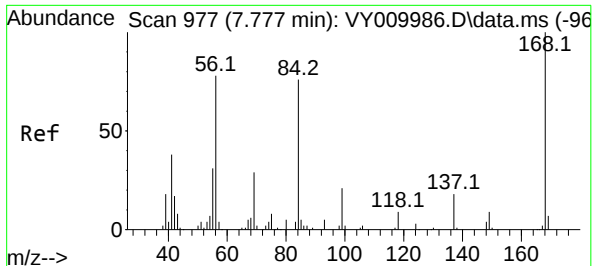
Tgt Ion:	84	Resp:	5442
Ion	Ratio	Lower	Upper
84	100		
49	87.2	98.2	147.4#
51	34.7	33.4	50.0
86	58.0	52.3	78.5



#25
2-Butanone
Concen: 2.428 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009994.D
Acq: 12 Aug 2022 18:24

Tgt Ion:	43	Resp:	1002
Ion	Ratio	Lower	Upper
43	100		
72	16.4	21.5	32.3#

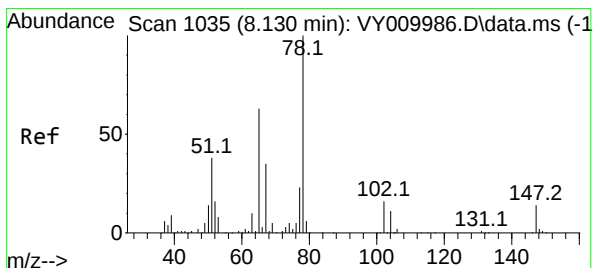
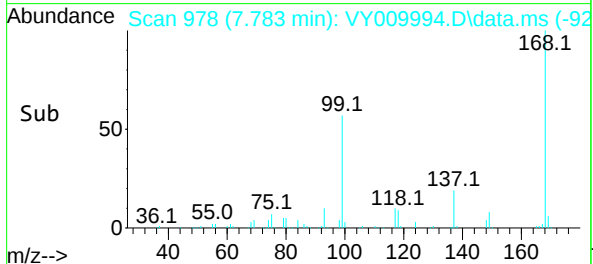
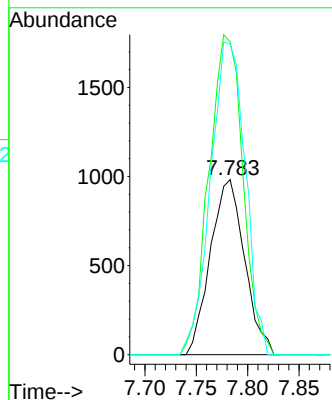
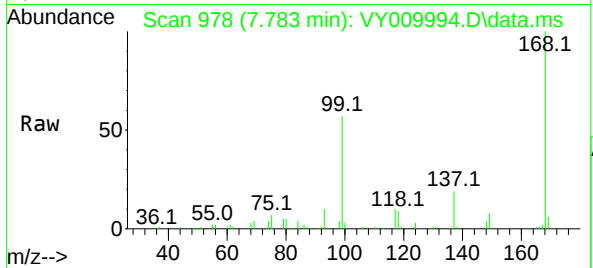




#31
Cyclohexane
Concen: 1.148 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009994.D
Acq: 12 Aug 2022 18:24

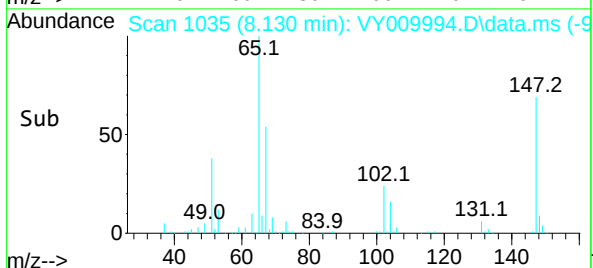
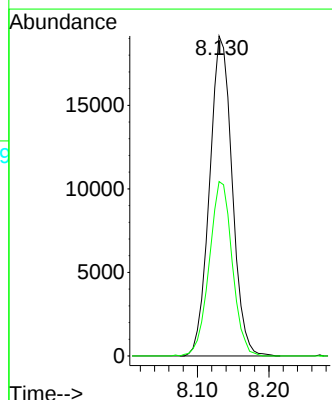
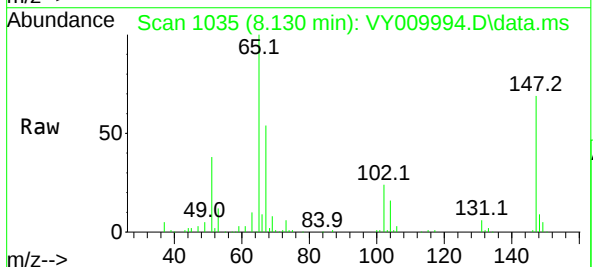
Instrument :
MSVOA_Y
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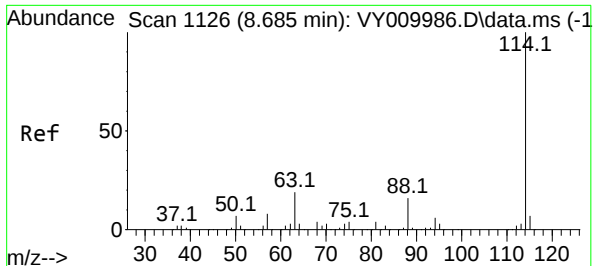
Tgt Ion: 56 Resp: 2275
Ion Ratio Lower Upper
56 100
69 178.7 26.0 39.0#
84 177.5 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 37.929 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009994.D
Acq: 12 Aug 2022 18:24

Tgt Ion: 65 Resp: 42001
Ion Ratio Lower Upper
65 100
67 55.5 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009994.D

Acq: 12 Aug 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

RB-21204

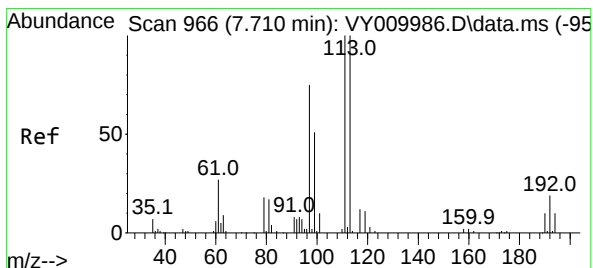
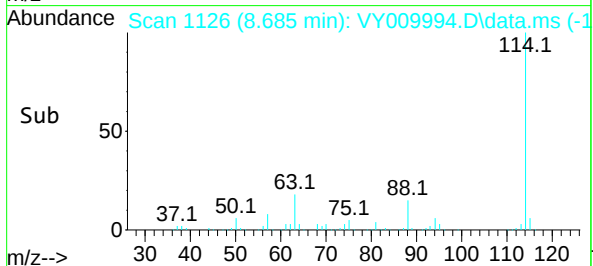
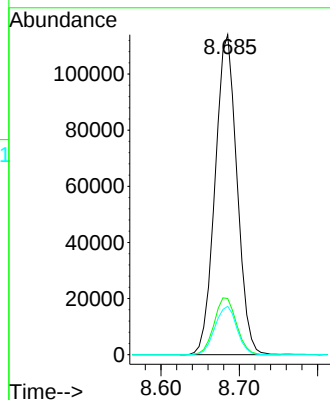
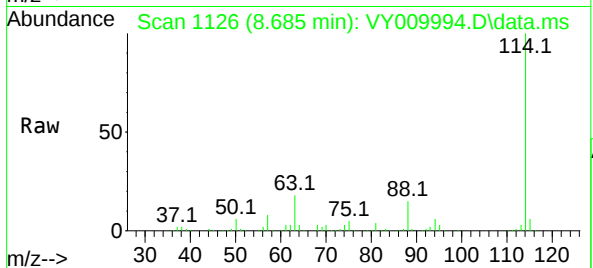
Tgt Ion:114 Resp: 221233

Ion Ratio Lower Upper

114 100

63 17.6 0.0 38.0

88 15.1 0.0 30.0



#35

Dibromofluoromethane

Concen: 33.069 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009994.D

Acq: 12 Aug 2022 18:24

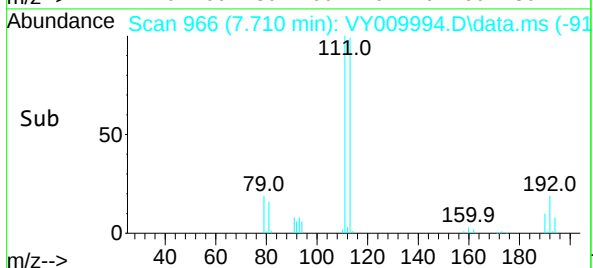
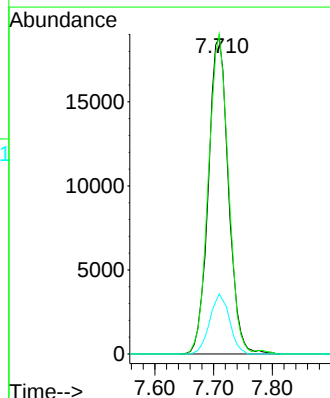
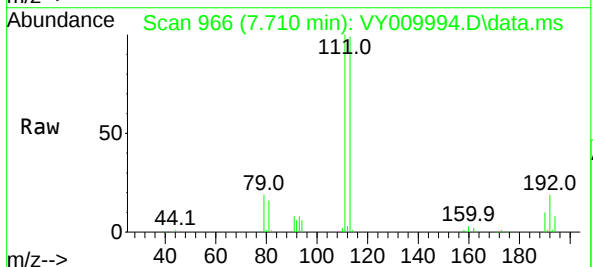
Tgt Ion:113 Resp: 44777

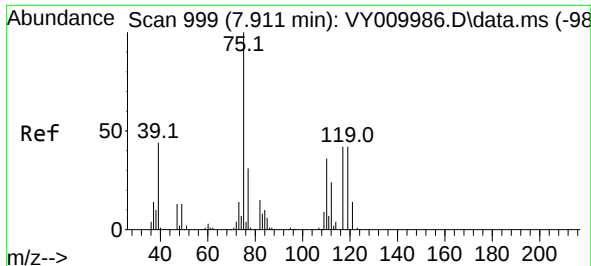
Ion Ratio Lower Upper

113 100

111 100.2 80.6 120.8

192 18.6 16.2 24.4

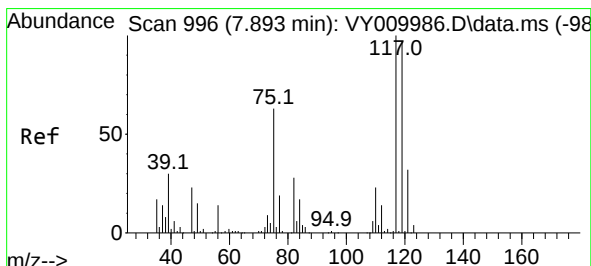
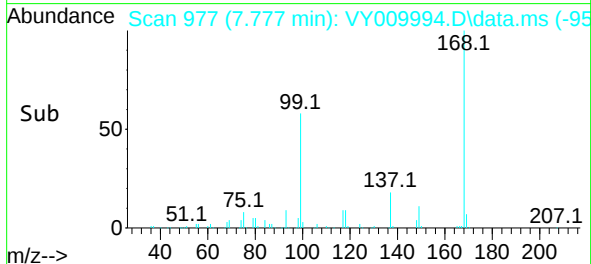
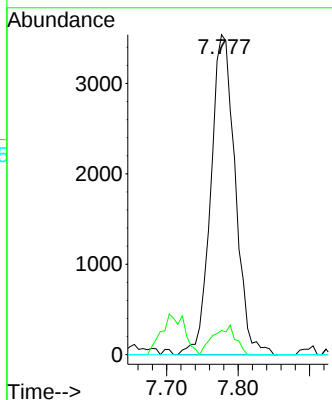
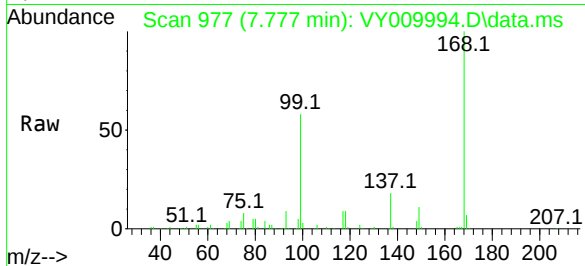




#36
1,1-Dichloropropene
Concen: 4.166 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009994.D
Acq: 12 Aug 2022 18:24

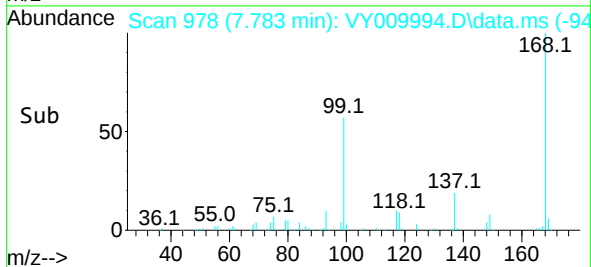
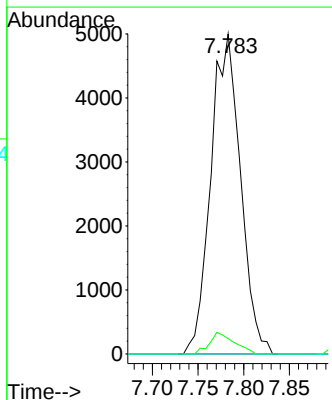
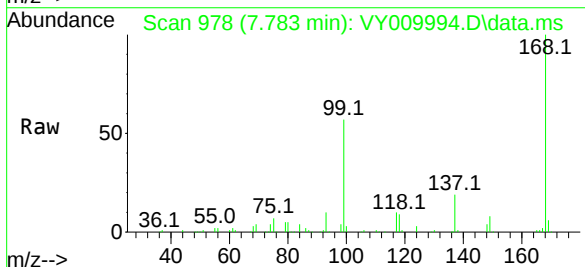
Instrument :
MSVOA_Y
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RB-21204

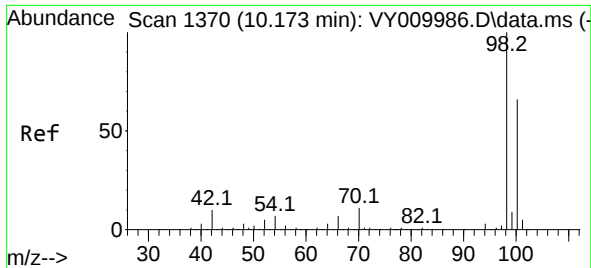
Tgt Ion: 75 Resp: 8400
Ion Ratio Lower Upper
75 100
110 8.3 18.6 56.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.610 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009994.D
Acq: 12 Aug 2022 18:24

Tgt Ion: 117 Resp: 11288
Ion Ratio Lower Upper
117 100
119 4.8 75.9 113.9#
121 0.0 24.9 37.3#

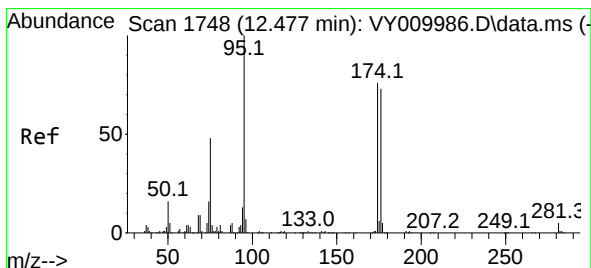
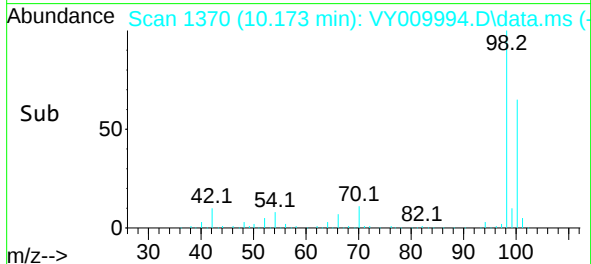
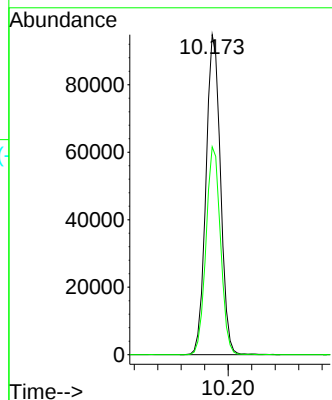
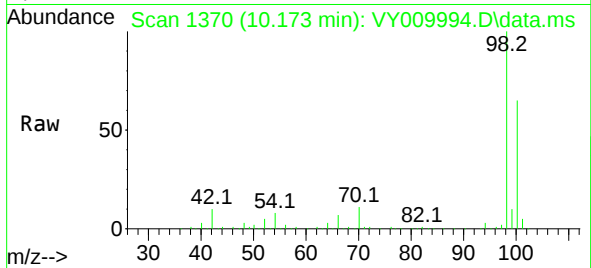




#50
Toluene-d8
Concen: 31.364 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009994.D
Acq: 12 Aug 2022 18:24

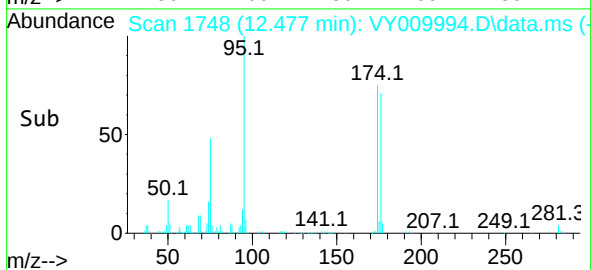
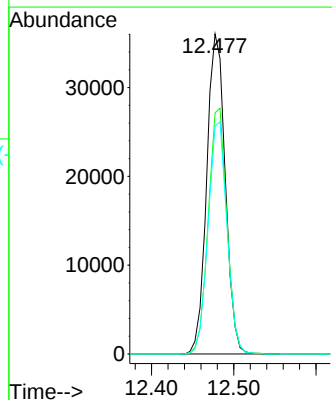
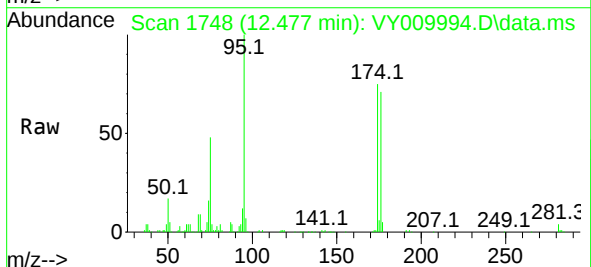
Instrument :
MSVOA_Y
ClientSampleId :
RB-21204

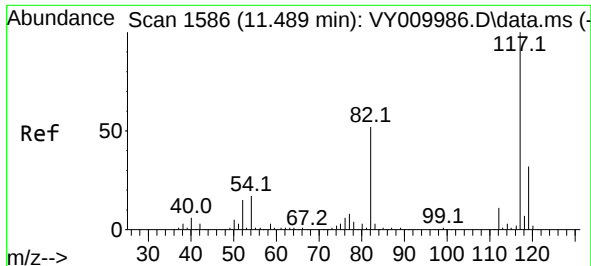
Tgt Ion: 98 Resp: 162722
Ion Ratio Lower Upper
98 100
100 64.9 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 29.684 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009994.D
Acq: 12 Aug 2022 18:24

Tgt Ion: 95 Resp: 56425
Ion Ratio Lower Upper
95 100
174 77.1 0.0 173.8
176 73.9 0.0 167.0

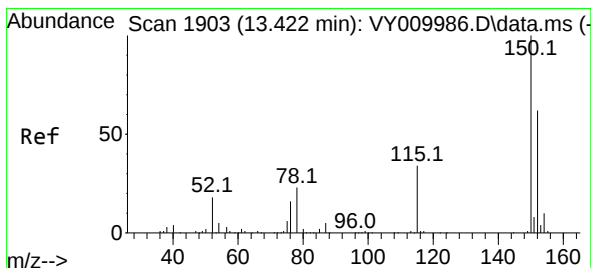
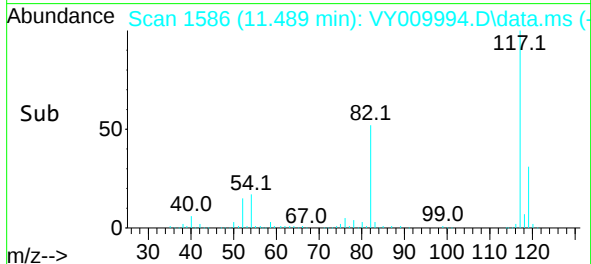
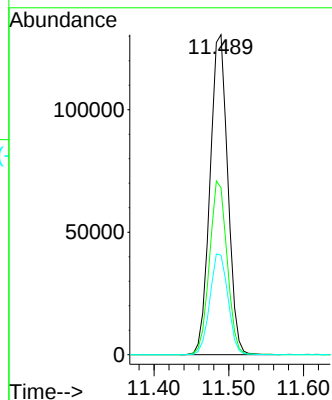
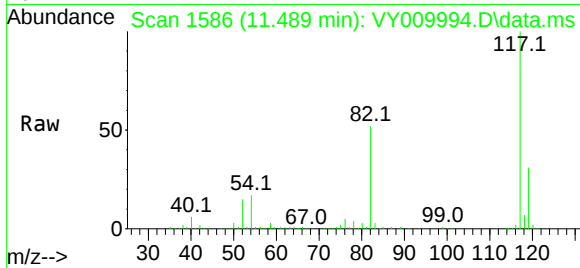




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009994.D
Acq: 12 Aug 2022 18:24

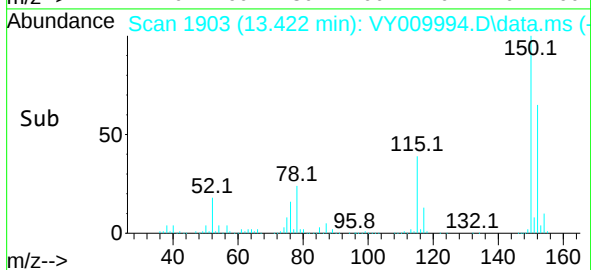
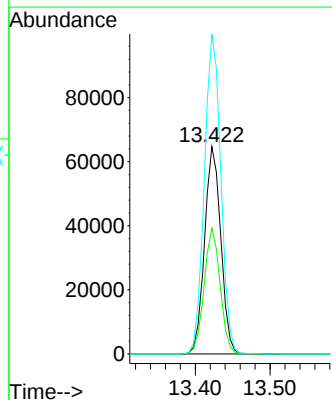
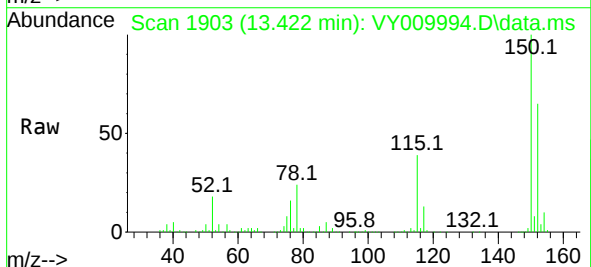
Instrument :
MSVOA_Y
ClientSampleId :
RB-21204

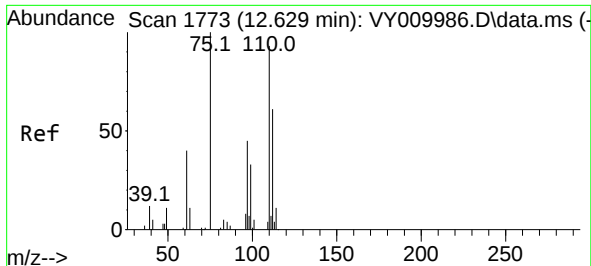
Tgt Ion:117 Resp: 215500
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.6
119 31.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009994.D
Acq: 12 Aug 2022 18:24

Tgt Ion:152 Resp: 97489
Ion Ratio Lower Upper
152 100
115 59.6 28.6 85.9
150 156.5 0.0 349.8

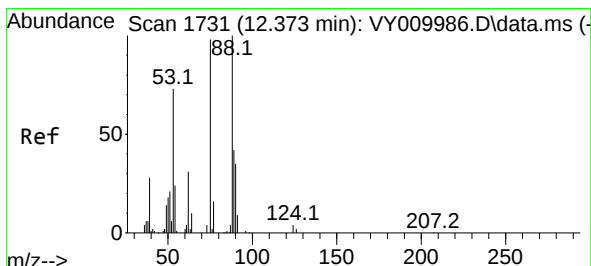
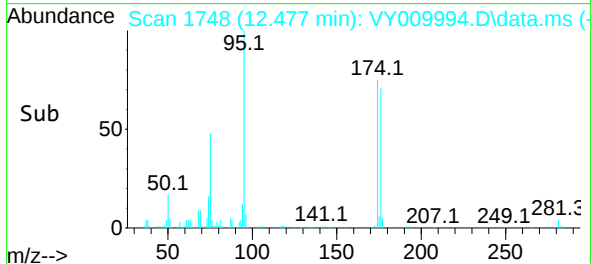
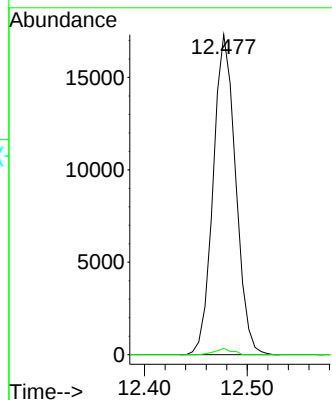
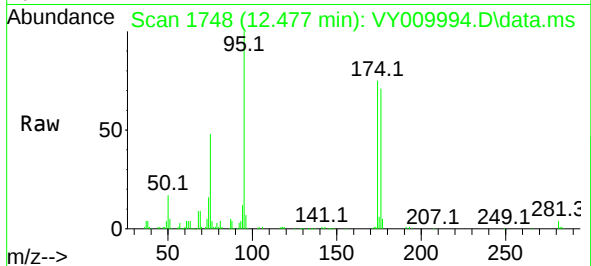




#76
1,2,3-Trichloropropane
Concen: 23.335 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009994.D
Acq: 12 Aug 2022 18:24

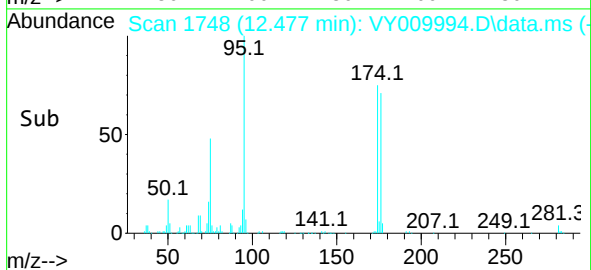
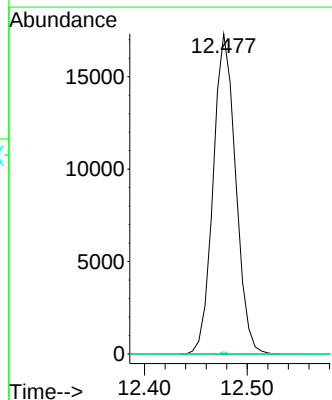
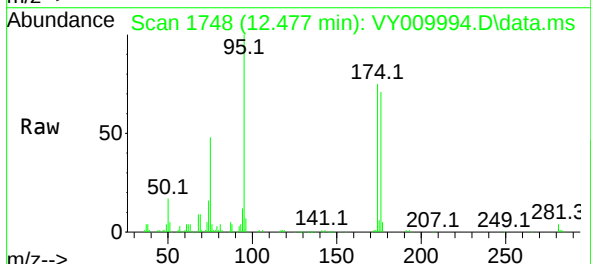
Instrument :
MSVOA_Y
ClientSampleId :
RB-21204

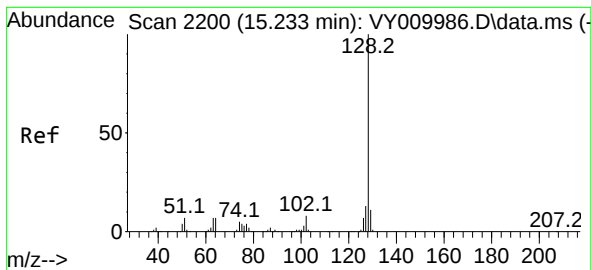
Tgt Ion: 75 Resp: 26289
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.727 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009994.D
Acq: 12 Aug 2022 18:24

Tgt Ion: 75 Resp: 26289
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.2 38.1 57.1#





#95

Naphthalene

Concen: 3.287 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY009994.D

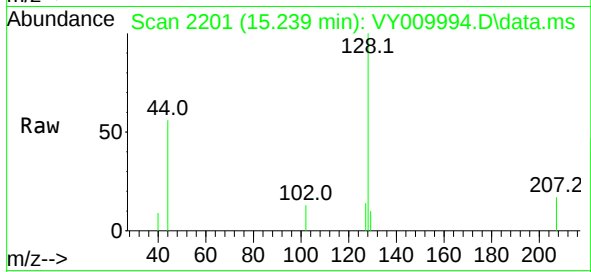
Acq: 12 Aug 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

RB-21204



Tgt Ion:128 Resp: 892

Ion Ratio Lower Upper

128 100

127 12.1 10.6 15.8

129 2.9 8.8 13.2#

