

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010014.D
 Acq On : 14 Aug 2022 21:47
 Operator : KP/MD
 Sample : N4189-17
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB14

Quant Time: Aug 15 00:42:46 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)

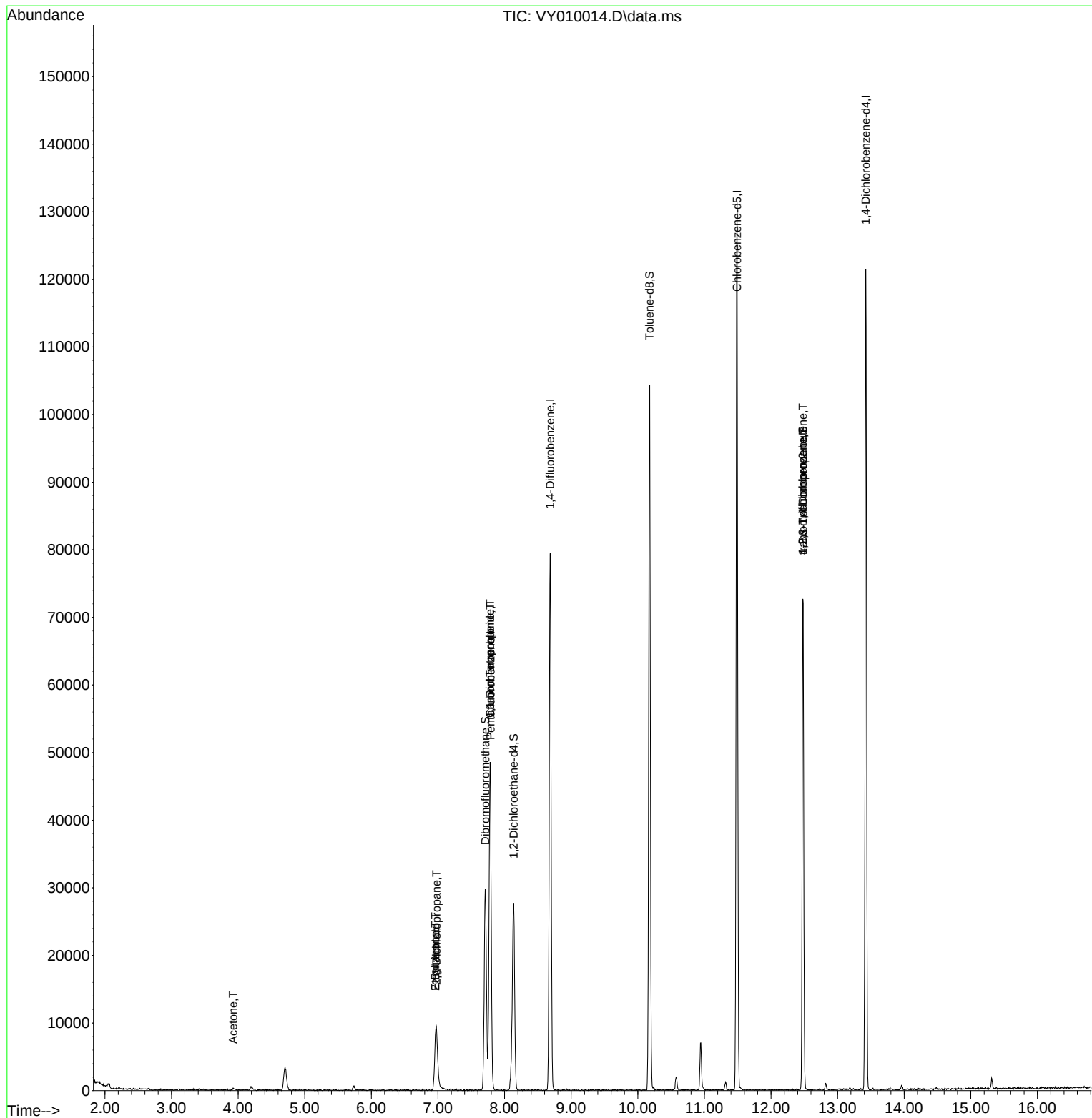
Internal Standards						
1) Pentafluorobenzene	7.789	168	38244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	72617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	75412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	33004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	20975	54.066	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.140%			
35) Dibromofluoromethane	7.710	113	21590	48.577	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.160%			
50) Toluene-d8	10.179	98	72292	42.451	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 84.900%			
62) 4-Bromofluorobenzene	12.477	95	24851	39.829	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 79.660%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	20	Below Cal	#	78
16) Acetone	3.924	43	269	2.887	ug/l #	45
18) Methyl Acetate	4.192	43	143	Below Cal	#	52
25) 2-Butanone	6.960	43	406	2.808	ug/l #	48
26) 2,2-Dichloropropane	6.978	77	785	1.199	ug/l #	52
36) 1,1-Dichloropropene	7.783	75	2706	4.089	ug/l #	49
37) Ethyl Acetate	6.960	43	406	1.137	ug/l #	1
38) Carbon Tetrachloride	7.783	117	3745	5.670	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	11465	30.061	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	11465	65.347	ug/l #	13

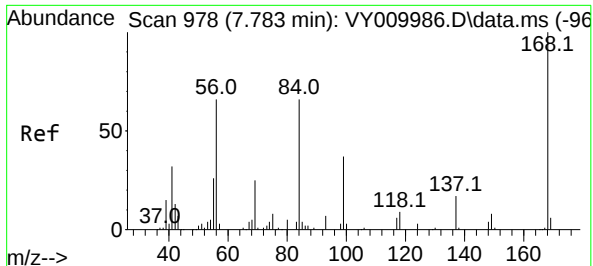
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

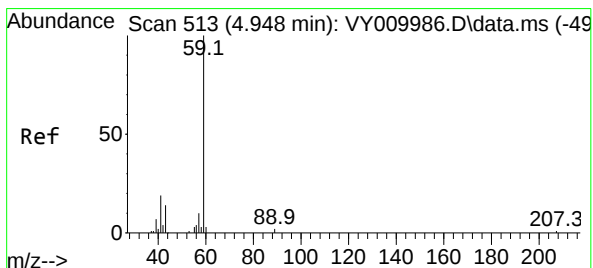
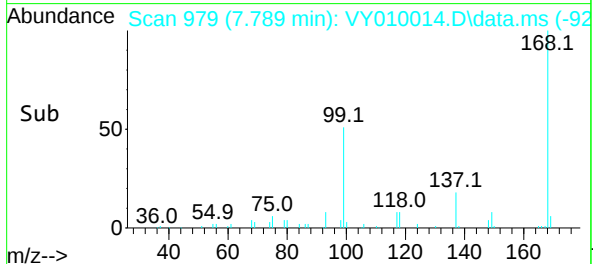
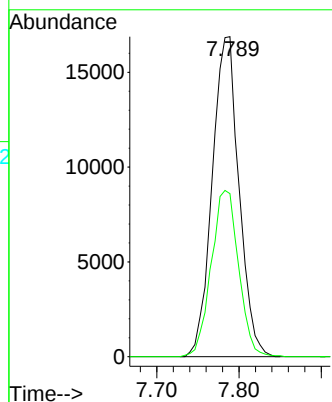
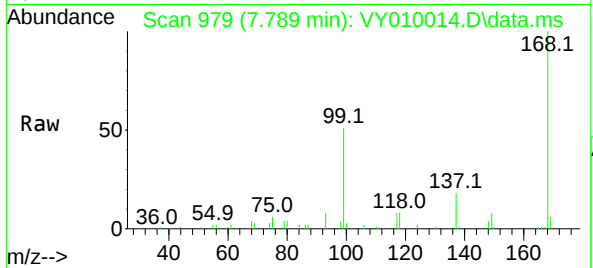




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010014.D
Acq: 14 Aug 2022 21:47

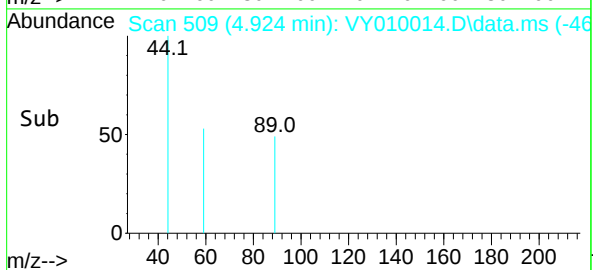
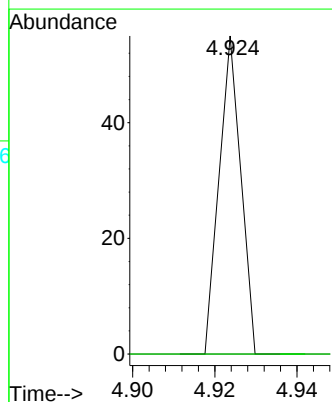
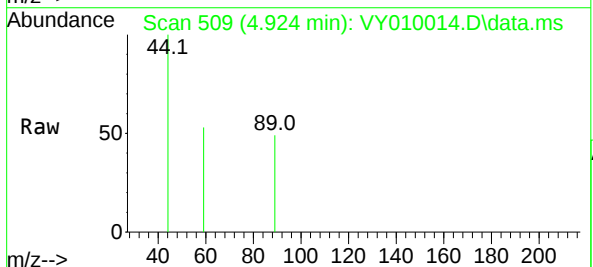
Instrument :
MSVOA_Y
ClientSampleId :
SB14

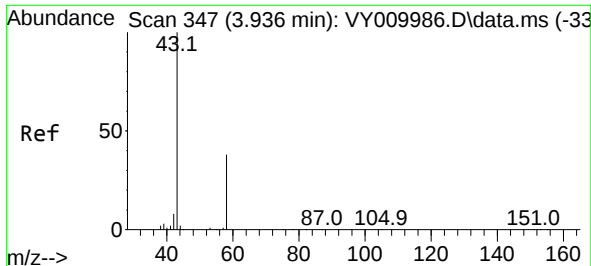
Tgt Ion:168 Resp: 38244
Ion Ratio Lower Upper
168 100
99 51.0 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY010014.D
Acq: 14 Aug 2022 21:47

Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

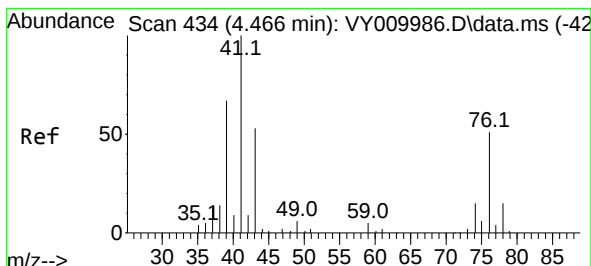
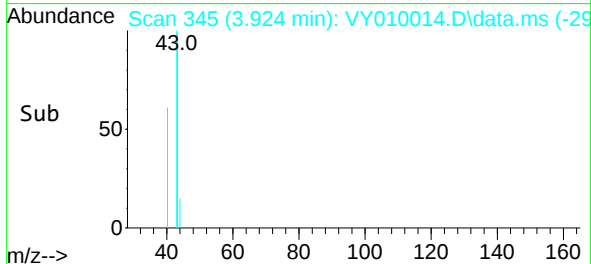
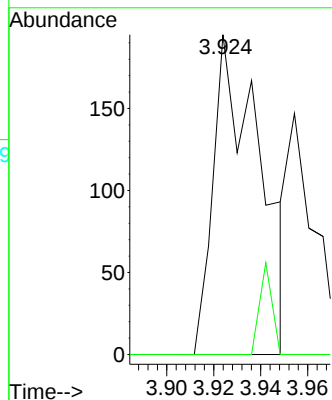
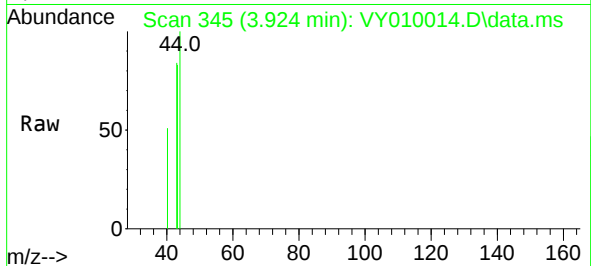




#16
Acetone
Concen: 2.887 ug/l
RT: 3.924 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY010014.D
Acq: 14 Aug 2022 21:47

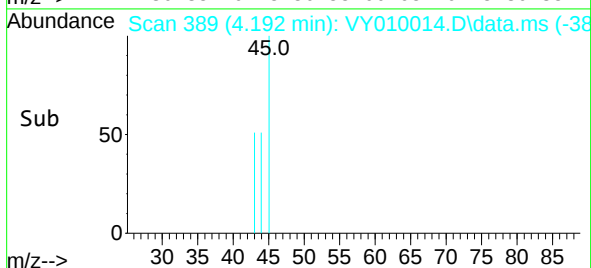
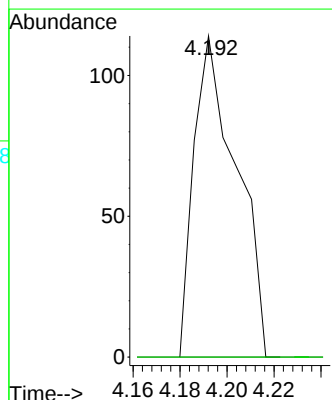
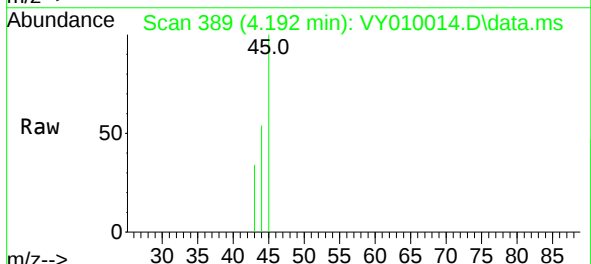
Instrument :
MSVOA_Y
ClientSampleId :
SB14

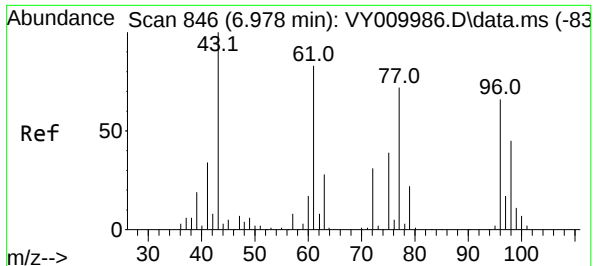
Tgt Ion: 43 Resp: 269
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.192 min Scan# 389
Delta R.T. -0.274 min
Lab File: VY010014.D
Acq: 14 Aug 2022 21:47

Tgt Ion: 43 Resp: 143
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#





#25

2-Butanone

Concen: 2.808 ug/l

RT: 6.960 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY010014.D

Acq: 14 Aug 2022 21:47

Instrument :

MSVOA_Y

ClientSampleId :

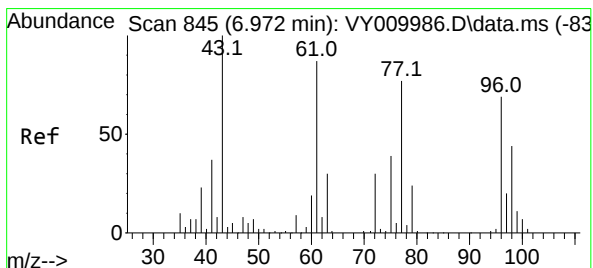
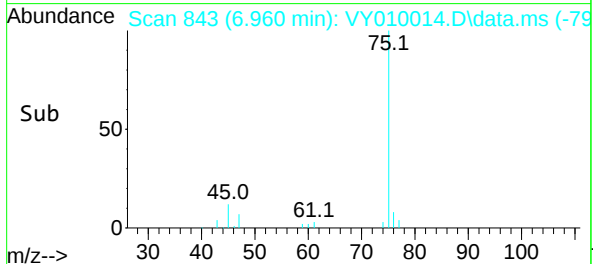
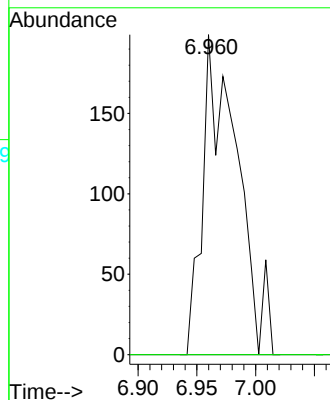
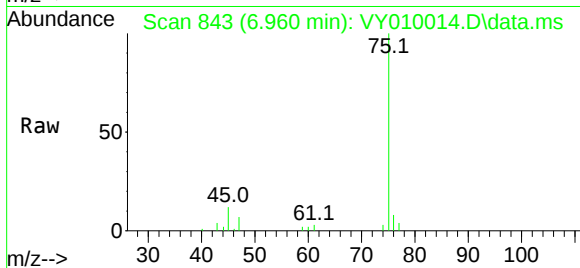
SB14

Tgt Ion: 43 Resp: 406

Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#



#26

2,2-Dichloropropane

Concen: 1.199 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY010014.D

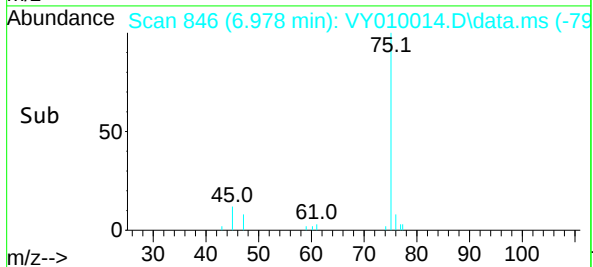
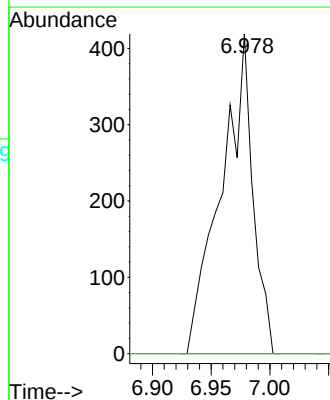
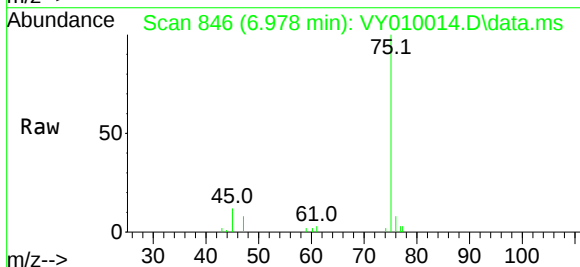
Acq: 14 Aug 2022 21:47

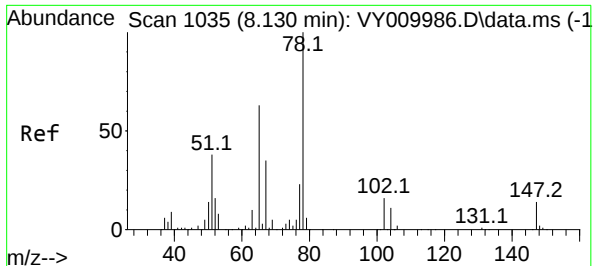
Tgt Ion: 77 Resp: 785

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#





#33

1,2-Dichloroethane-d4

Concen: 54.066 ug/l

RT: 8.137 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010014.D

Acq: 14 Aug 2022 21:47

Instrument :

MSVOA_Y

ClientSampleId :

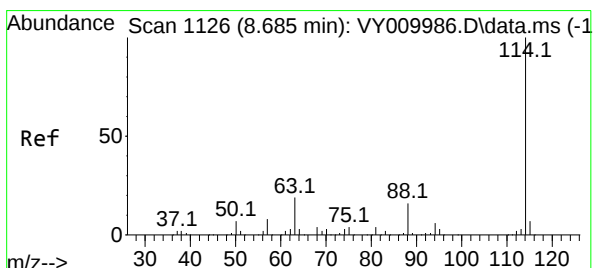
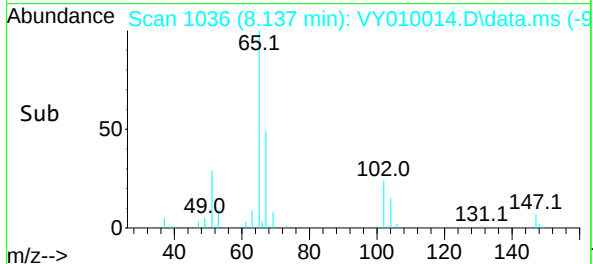
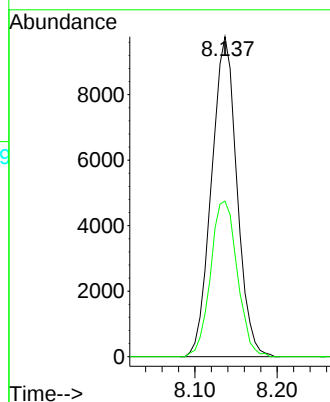
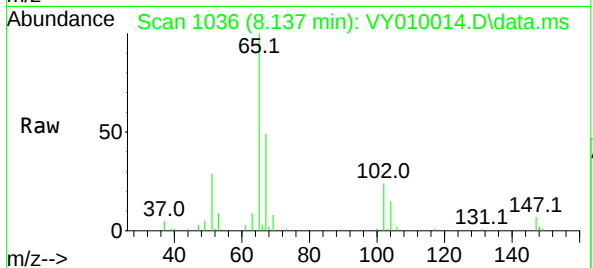
SB14

Tgt Ion: 65 Resp: 20975

Ion Ratio Lower Upper

65 100

67 51.1 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010014.D

Acq: 14 Aug 2022 21:47

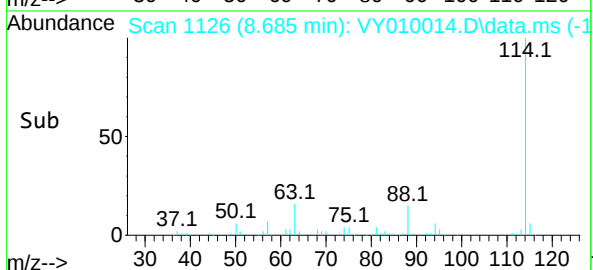
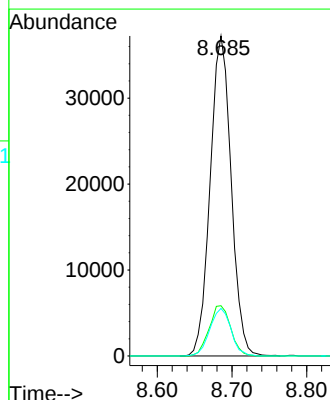
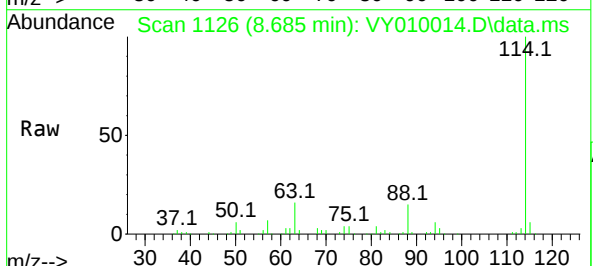
Tgt Ion: 114 Resp: 72617

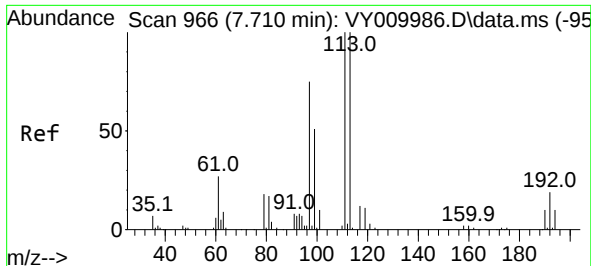
Ion Ratio Lower Upper

114 100

63 15.7 0.0 38.0

88 14.8 0.0 30.0

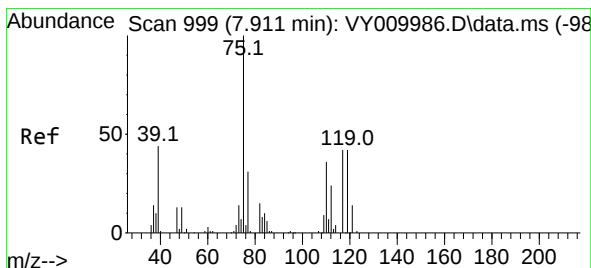
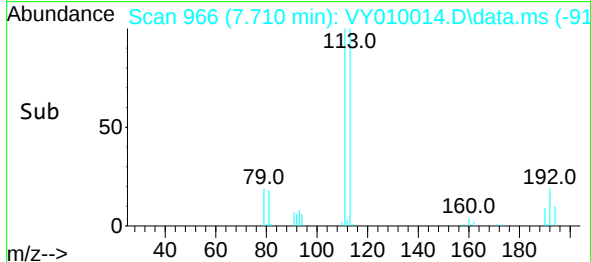
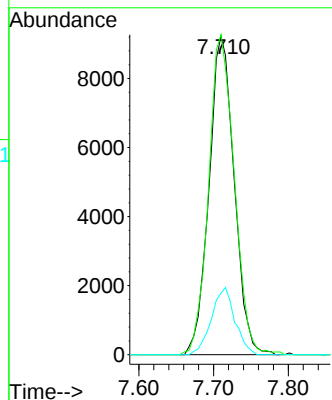
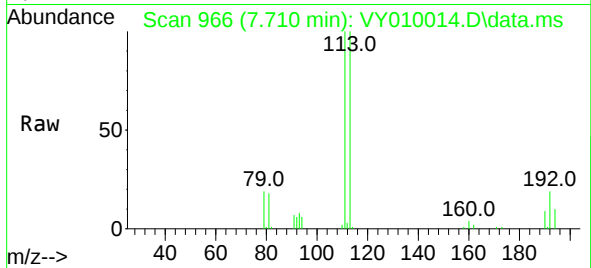




#35
Dibromofluoromethane
Concen: 48.577 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY010014.D
Acq: 14 Aug 2022 21:47

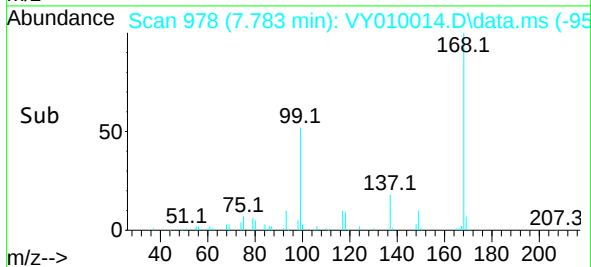
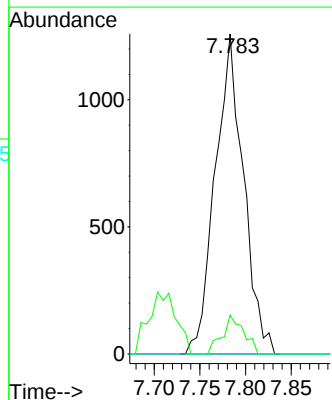
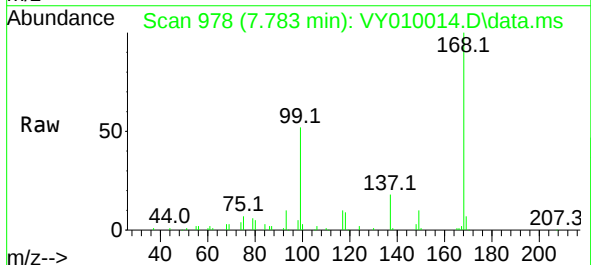
Instrument :
MSVOA_Y
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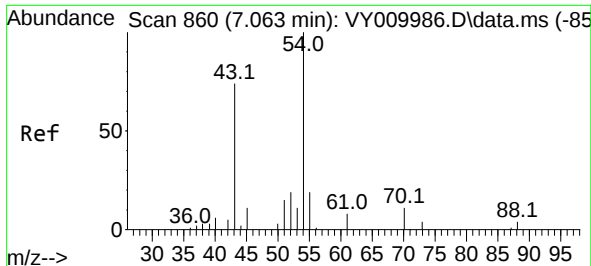
Tgt Ion:113 Resp: 21590
Ion Ratio Lower Upper
113 100
111 102.3 80.6 120.8
192 19.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.089 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010014.D
Acq: 14 Aug 2022 21:47

Tgt Ion: 75 Resp: 2706
Ion Ratio Lower Upper
75 100
110 9.2 18.6 56.0#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.137 ug/l

RT: 6.960 min Scan# 84

Delta R.T. -0.103 min

Lab File: VY010014.D

Acq: 14 Aug 2022 21:47

Instrument :

MSVOA_Y

ClientSampleId :

SB14

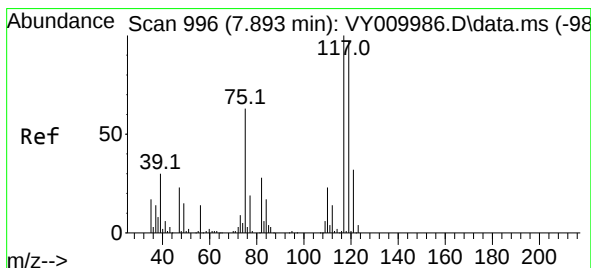
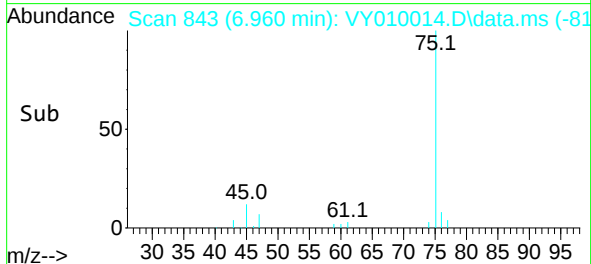
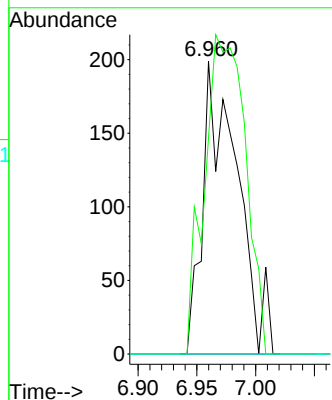
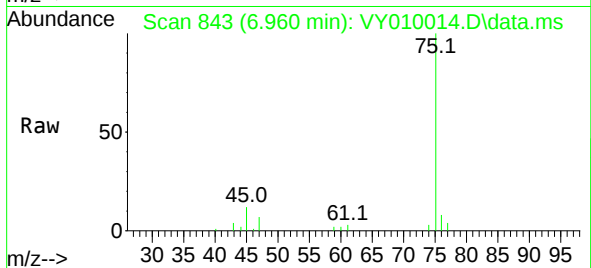
Tgt Ion: 43 Resp: 406

Ion Ratio Lower Upper

43 100

61 129.8 11.2 16.8#

70 0.0 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 5.670 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY010014.D

Acq: 14 Aug 2022 21:47

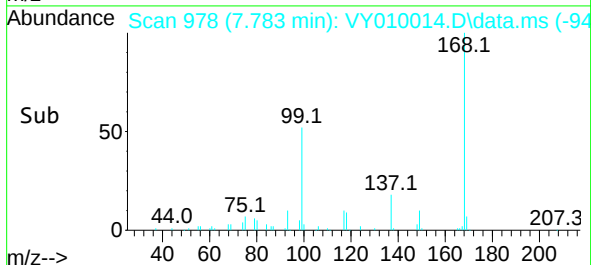
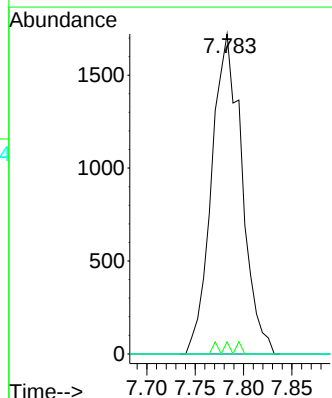
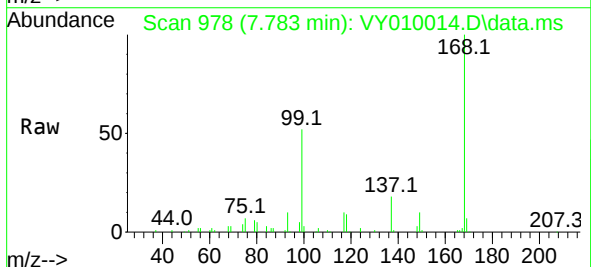
Tgt Ion: 117 Resp: 3745

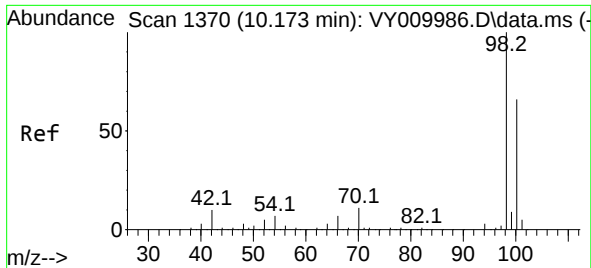
Ion Ratio Lower Upper

117 100

119 3.8 75.9 113.9#

121 0.0 24.9 37.3#

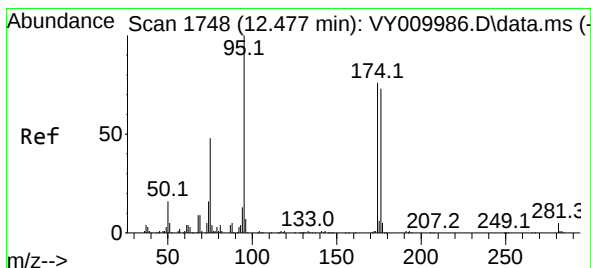
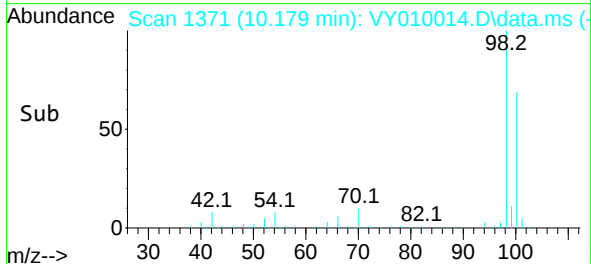
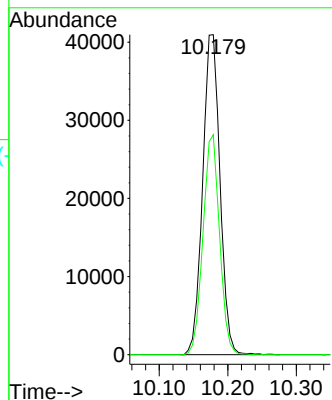
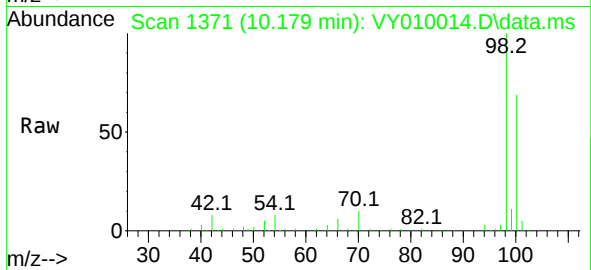




#50
Toluene-d8
Concen: 42.451 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010014.D
Acq: 14 Aug 2022 21:47

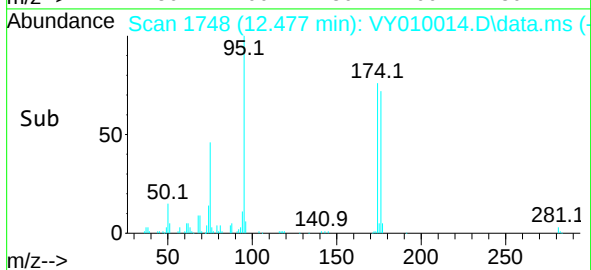
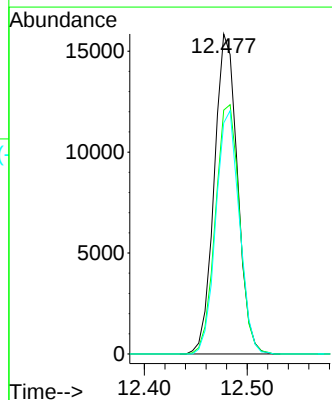
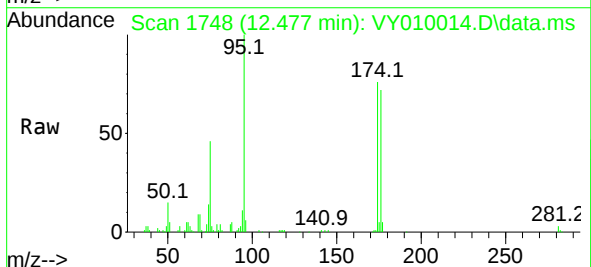
Instrument :
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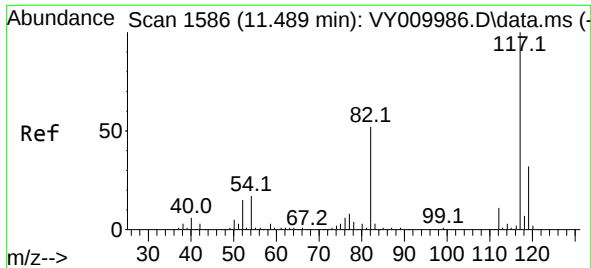
Tgt Ion: 98 Resp: 72292
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 39.829 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010014.D
Acq: 14 Aug 2022 21:47

Tgt Ion: 95 Resp: 24851
Ion Ratio Lower Upper
95 100
174 80.5 0.0 173.8
176 76.6 0.0 167.0

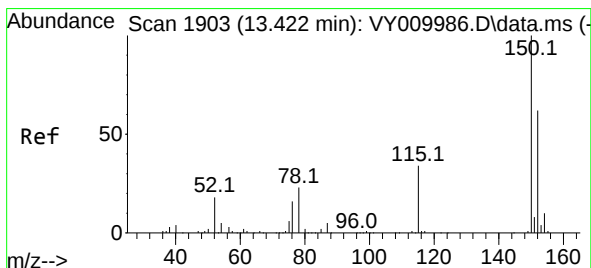
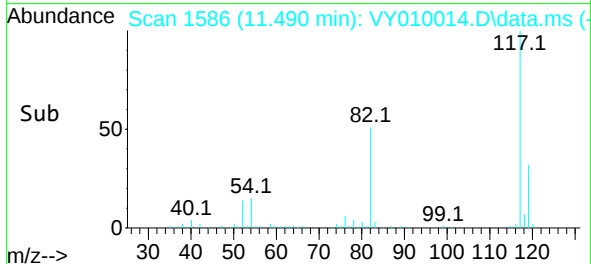
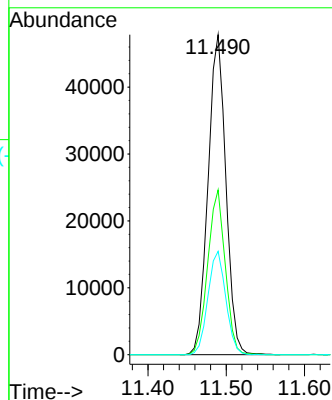
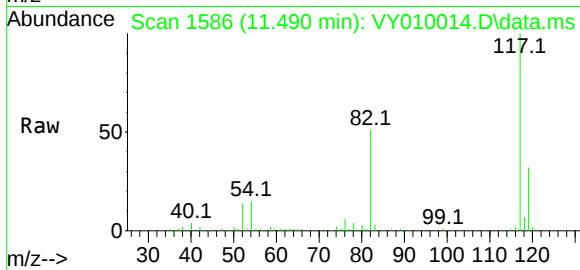




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010014.D
Acq: 14 Aug 2022 21:47

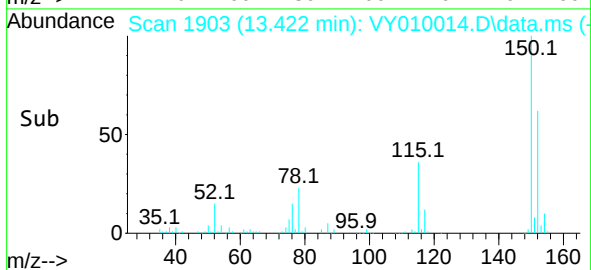
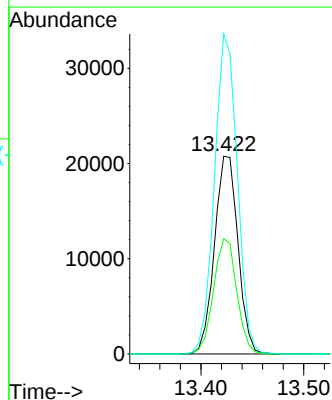
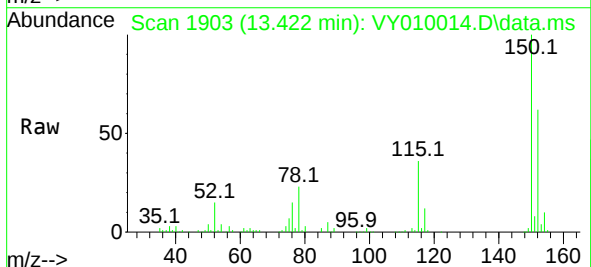
Instrument :
MSVOA_Y
ClientSampleId :
SB14

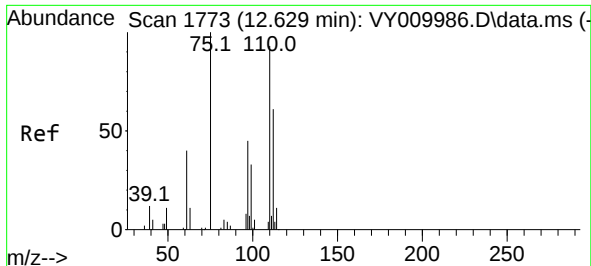
Tgt Ion:117 Resp: 75412
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.6
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010014.D
Acq: 14 Aug 2022 21:47

Tgt Ion:152 Resp: 33004
Ion Ratio Lower Upper
152 100
115 57.6 28.6 85.9
150 157.5 0.0 349.8

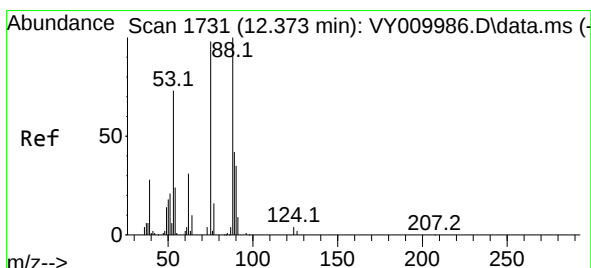
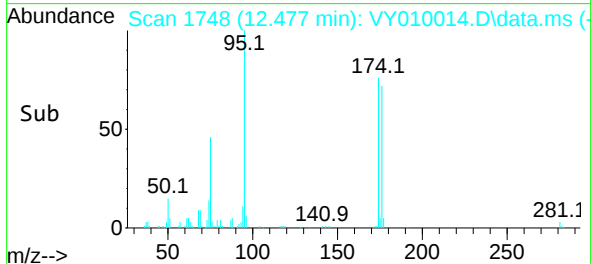
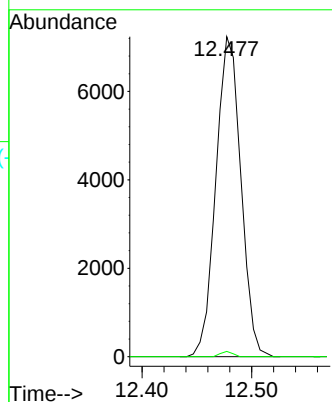
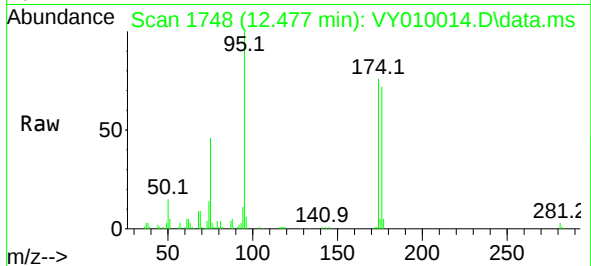




#76
1,2,3-Trichloropropane
Concen: 30.061 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010014.D
Acq: 14 Aug 2022 21:47

Instrument :
MSVOA_Y
ClientSampleId :
SB14

Tgt Ion: 75 Resp: 11465
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.347 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY010014.D
Acq: 14 Aug 2022 21:47

Tgt Ion: 75 Resp: 11465
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#

