

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY009991.D
 Acq On : 12 Aug 2022 17:14
 Operator : KP/MD
 Sample : VY0812SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0812SBL01

Quant Time: Aug 13 02:56:58 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)

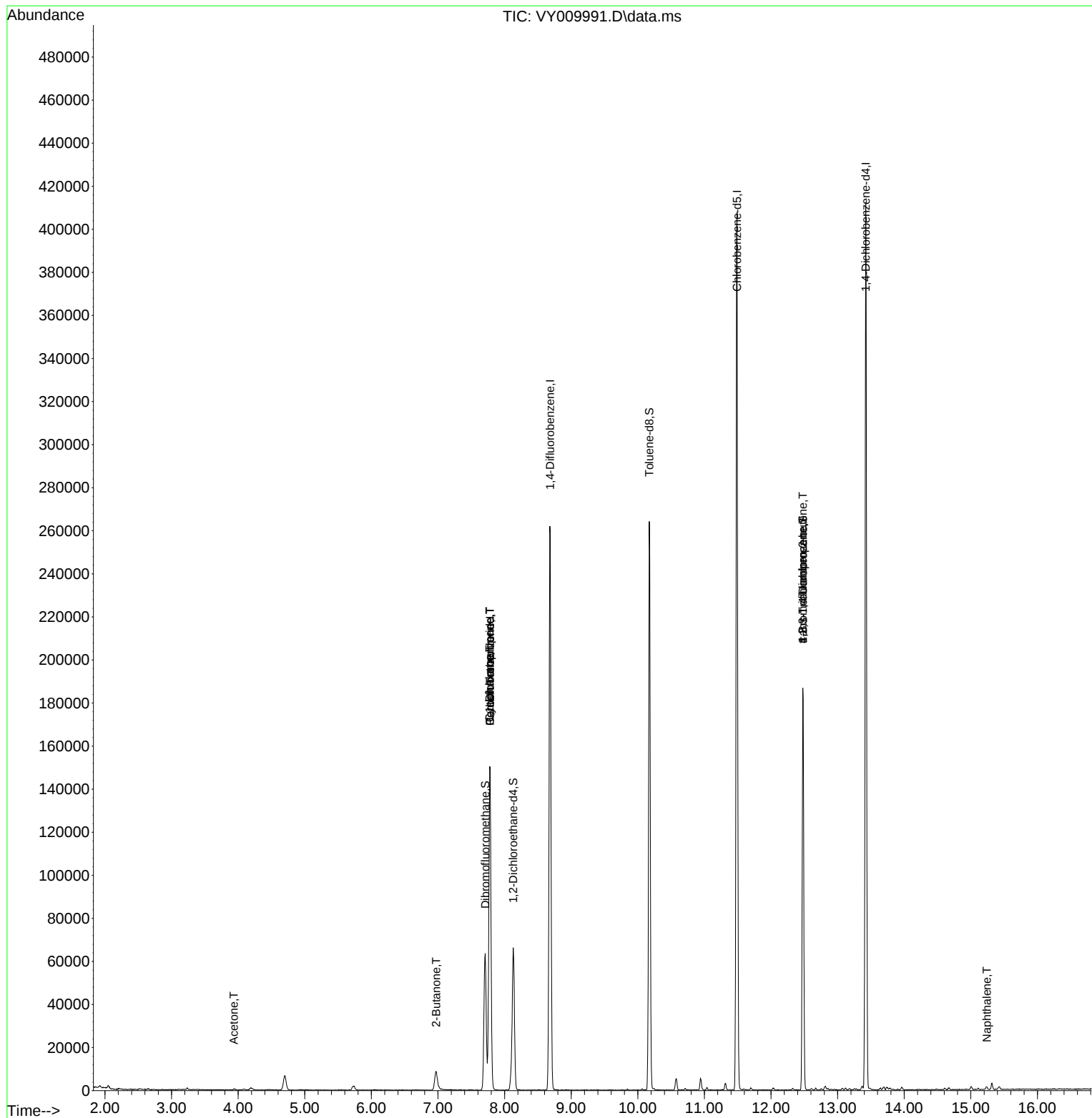
Internal Standards						
1) Pentafluorobenzene	7.783	168	114690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	232526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	229770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	47213	40.581	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.160%		
35) Dibromofluoromethane	7.710	113	47471	33.356	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	66.720%		
50) Toluene-d8	10.173	98	175461	32.177	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	64.360%		
62) 4-Bromofluorobenzene	12.477	95	61928	30.996	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	62.000%		
Target Compounds						Qvalue
5) Bromomethane	2.650	94	228	Below Cal		84
11) Tert butyl alcohol	4.936	59	258	Below Cal	#	78
16) Acetone	3.936	43	760	2.720 ug/l	#	83
18) Methyl Acetate	4.479	43	513	Below Cal	#	52
20) Methylene Chloride	4.698	84	5266	Below Cal		91
25) 2-Butanone	6.972	43	521	1.202 ug/l	#	48
31) Cyclohexane	7.777	56	2241	1.076 ug/l	#	1
36) 1,1-Dichloropropene	7.777	75	8748	4.128 ug/l	#	48
38) Carbon Tetrachloride	7.783	117	11837	5.597 ug/l	#	18
76) 1,2,3-Trichloropropane	12.477	75	28533	23.296 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	28533	50.641 ug/l	#	13
95) Naphthalene	15.239	128	1526	3.412 ug/l	#	93

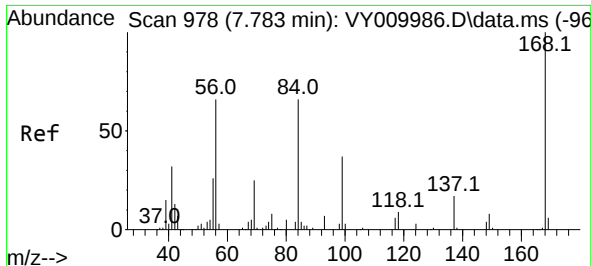
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
Data File : VY009991.D
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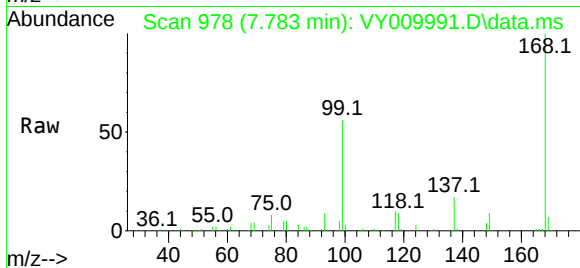
Quant Time: Aug 13 02:56:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 13 02:54:57 2022
Response via : Initial Calibration



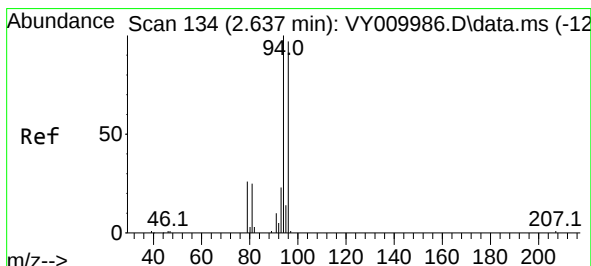
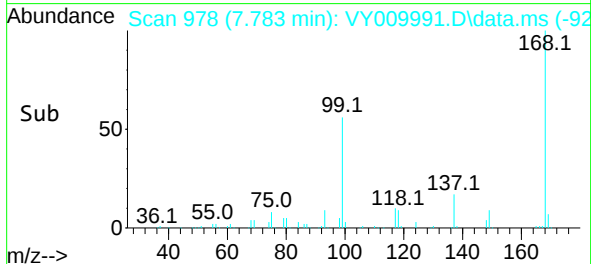
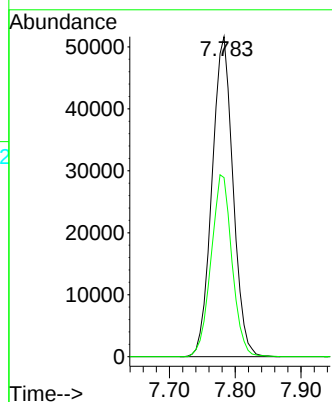


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009991.D
Acq: 12 Aug 2022 17:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBL01

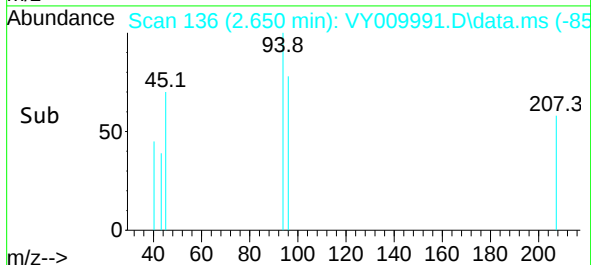
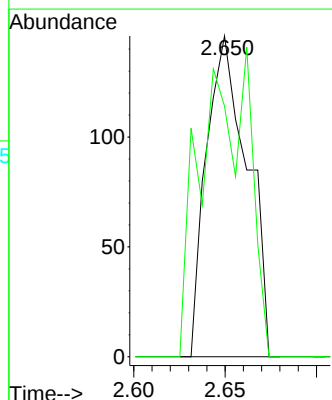
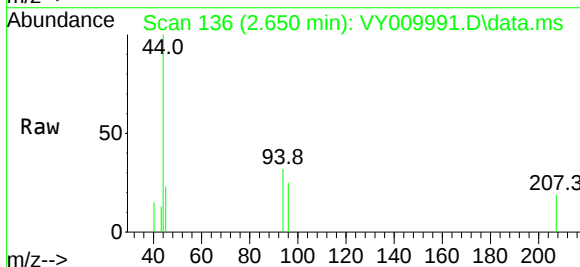


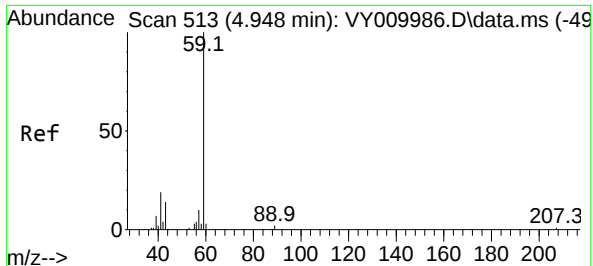
Tgt Ion:168 Resp: 114690
Ion Ratio Lower Upper
168 100
99 55.9 42.1 63.1



#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 136
Delta R.T. 0.013 min
Lab File: VY009991.D
Acq: 12 Aug 2022 17:14

Tgt Ion: 94 Resp: 228
Ion Ratio Lower Upper
94 100
96 78.1 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: VY009991.D

Acq: 12 Aug 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

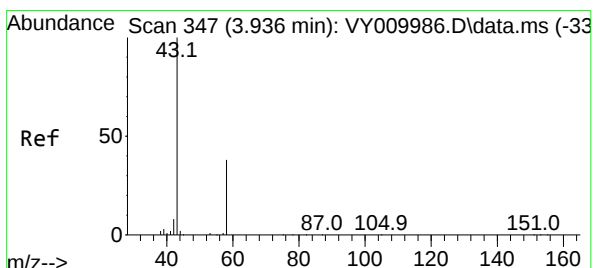
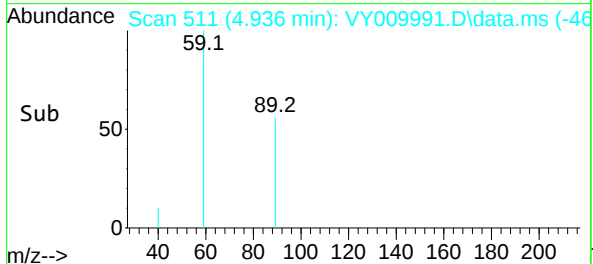
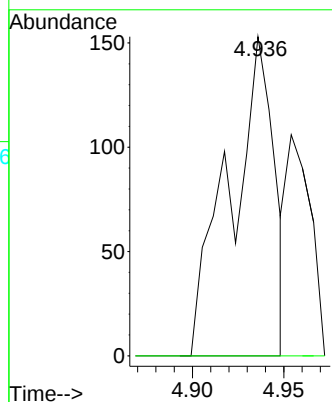
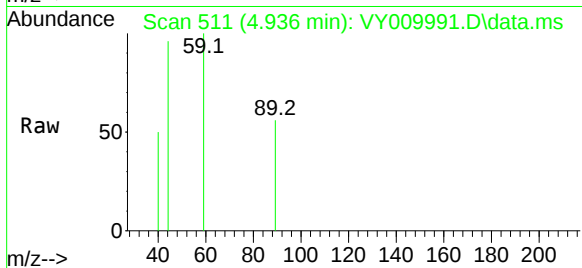
VY0812SBL01

Tgt Ion: 59 Resp: 258

Ion Ratio Lower Upper

59 100

57 0.0 6.3 9.5#



#16

Acetone

Concen: 2.720 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY009991.D

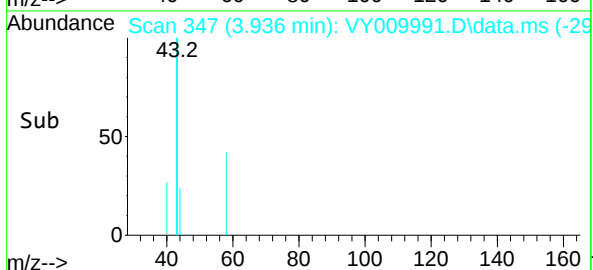
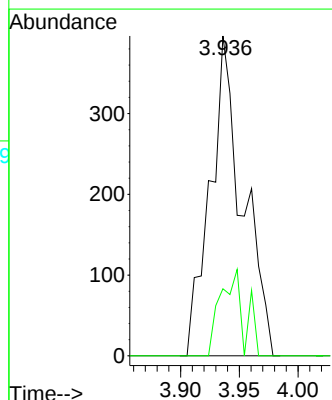
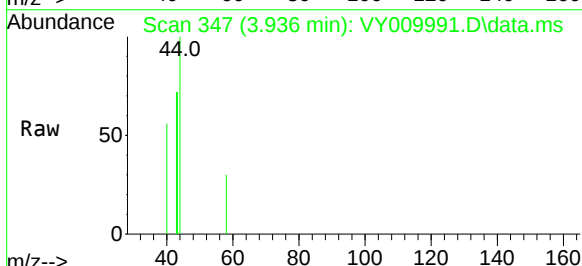
Acq: 12 Aug 2022 17:14

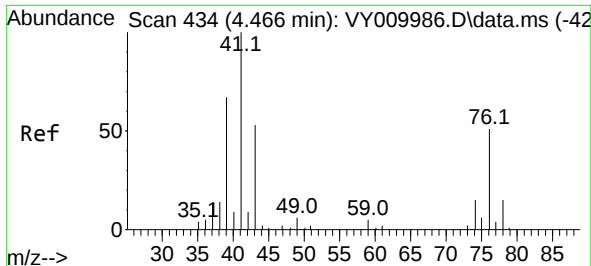
Tgt Ion: 43 Resp: 760

Ion Ratio Lower Upper

43 100

58 21.0 24.0 36.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.479 min Scan# 41

Delta R.T. 0.013 min

Lab File: VY009991.D

Acq: 12 Aug 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

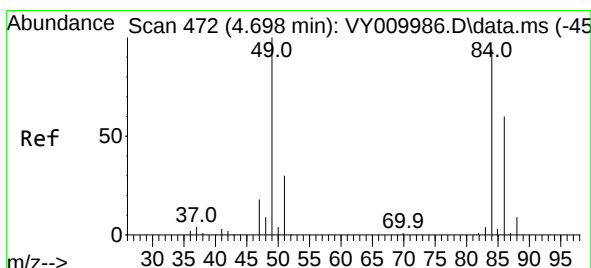
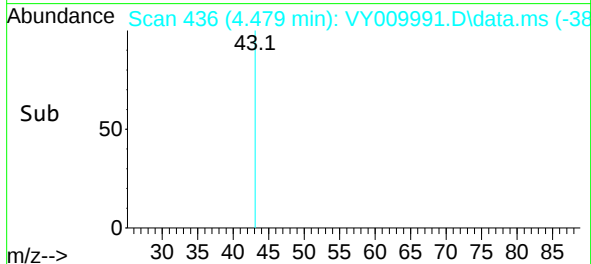
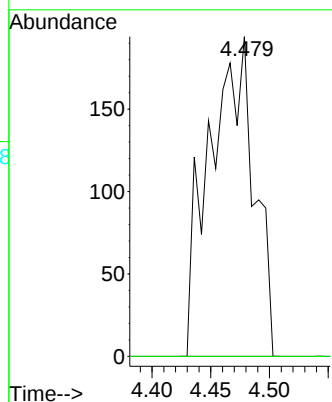
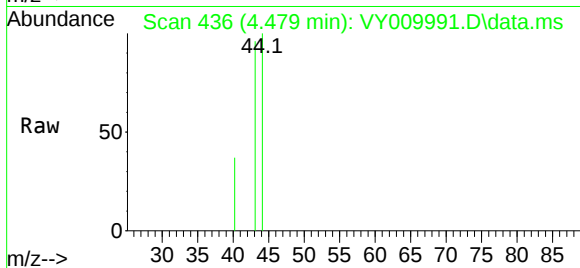
VY0812SBL01

Tgt Ion: 43 Resp: 513

Ion Ratio Lower Upper

43 100

74 0.0 18.8 28.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY009991.D

Acq: 12 Aug 2022 17:14

Tgt Ion: 84 Resp: 5266

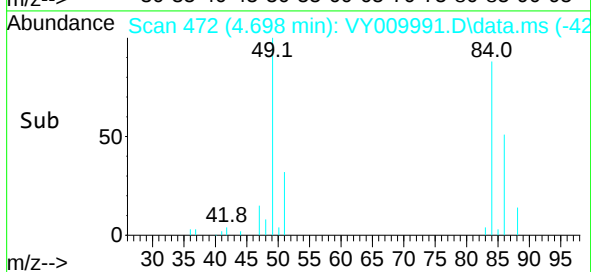
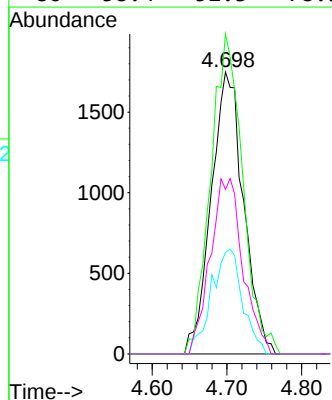
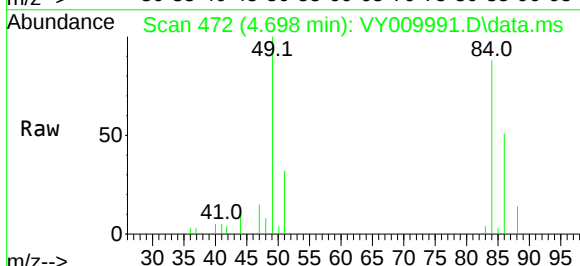
Ion Ratio Lower Upper

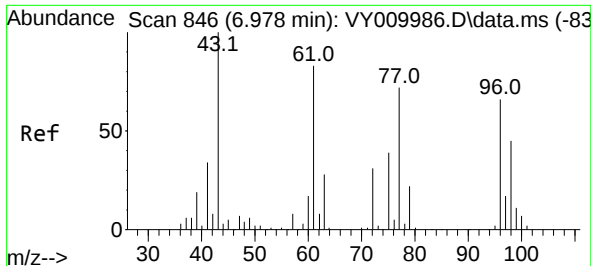
84 100

49 113.5 98.2 147.4

51 36.0 33.4 50.0

86 58.4 52.3 78.5





#25

2-Butanone

Concen: 1.202 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY009991.D

Acq: 12 Aug 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

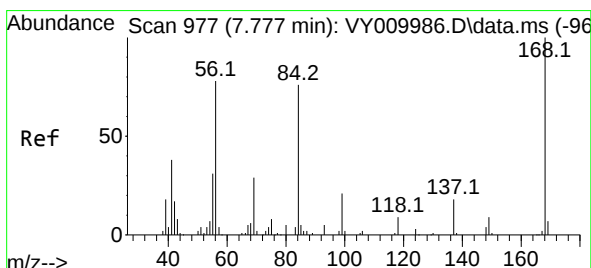
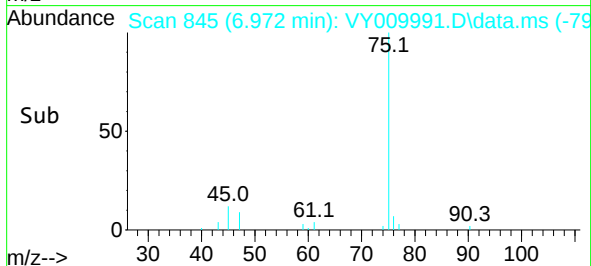
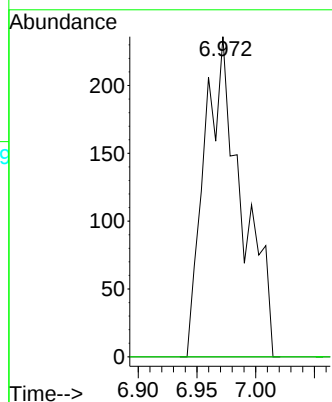
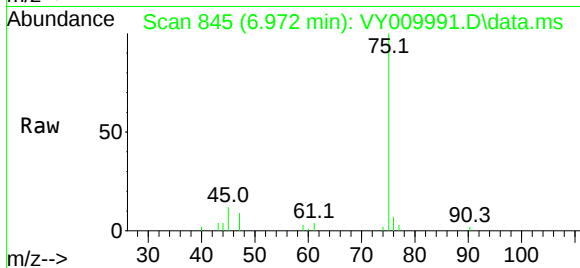
VY0812SBL01

Tgt Ion: 43 Resp: 521

Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#



#31

Cyclohexane

Concen: 1.076 ug/l

RT: 7.777 min Scan# 977

Delta R.T. 0.000 min

Lab File: VY009991.D

Acq: 12 Aug 2022 17:14

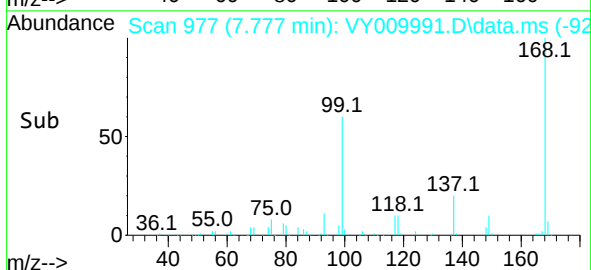
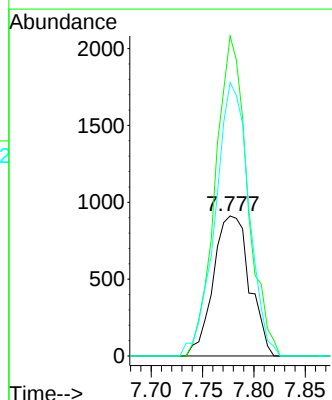
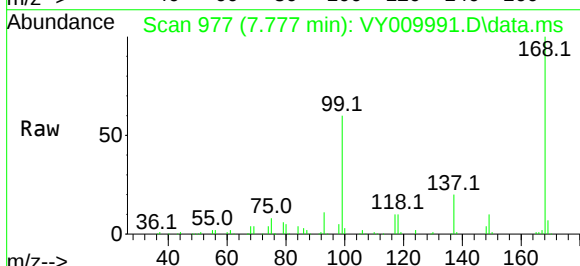
Tgt Ion: 56 Resp: 2241

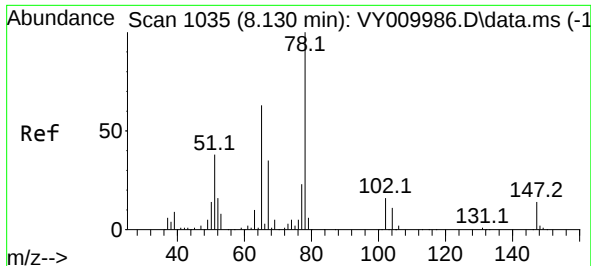
Ion Ratio Lower Upper

56 100

69 228.5 26.0 39.0#

84 195.3 69.5 104.3#





#33

1,2-Dichloroethane-d4

Concen: 40.581 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY009991.D

Acq: 12 Aug 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

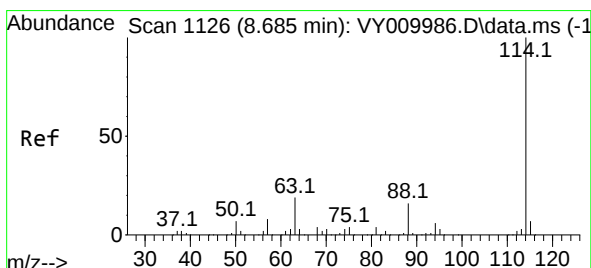
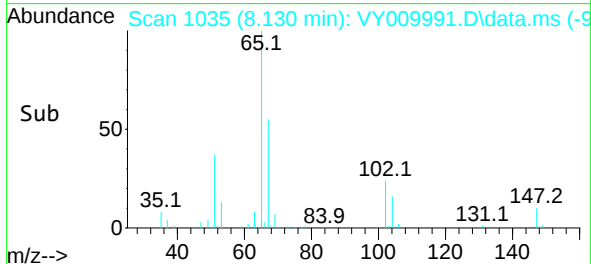
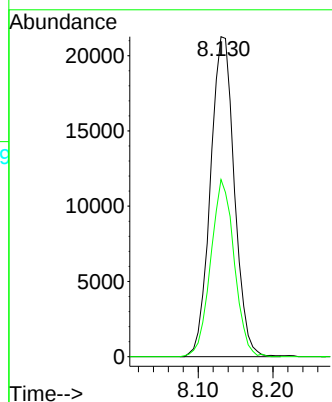
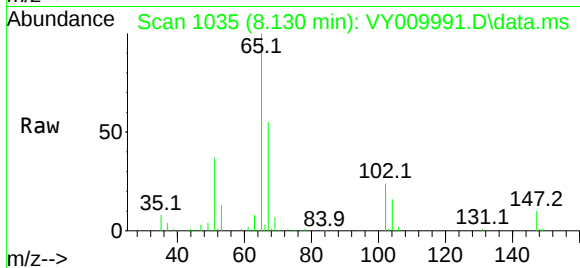
VY0812SBL01

Tgt Ion: 65 Resp: 47213

Ion Ratio Lower Upper

65 100

67 54.4 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: VY009991.D

Acq: 12 Aug 2022 17:14

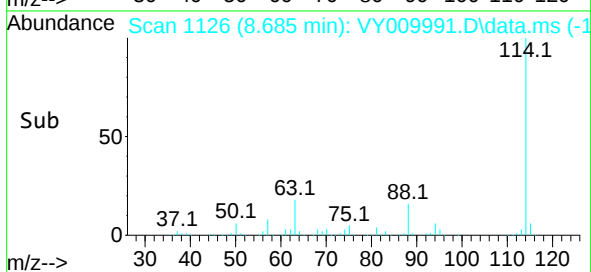
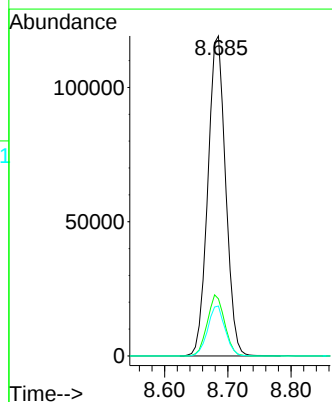
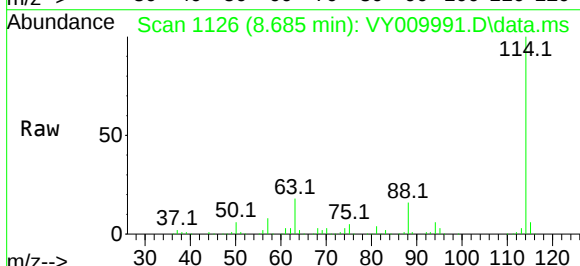
Tgt Ion: 114 Resp: 232526

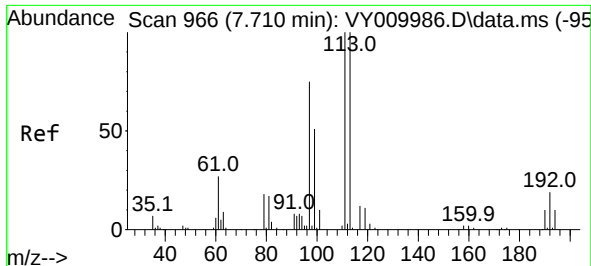
Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.0

88 15.6 0.0 30.0

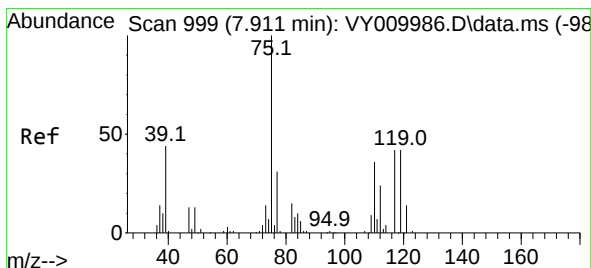
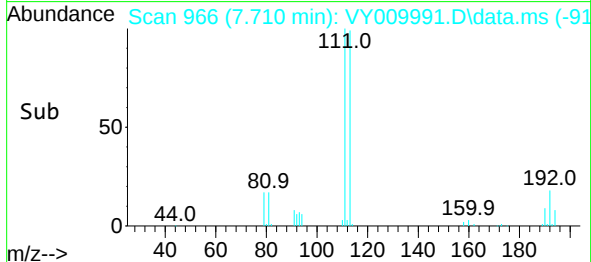
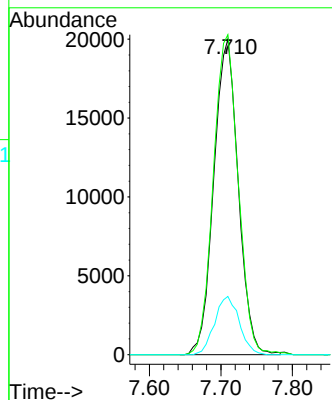
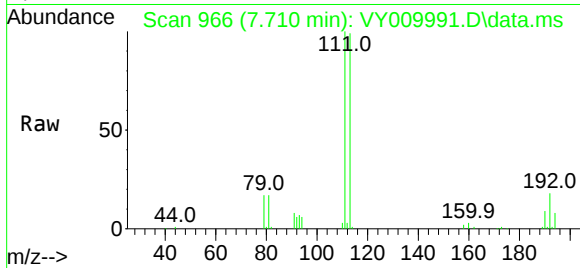




#35
Dibromofluoromethane
Concen: 33.356 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009991.D
Acq: 12 Aug 2022 17:14

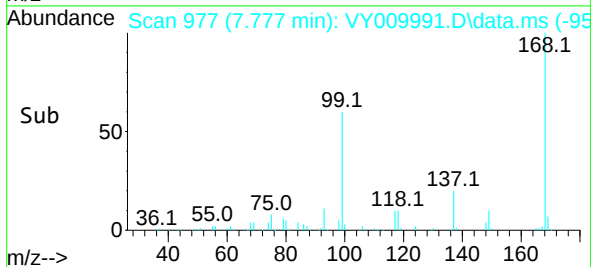
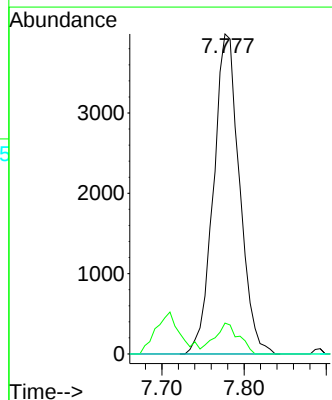
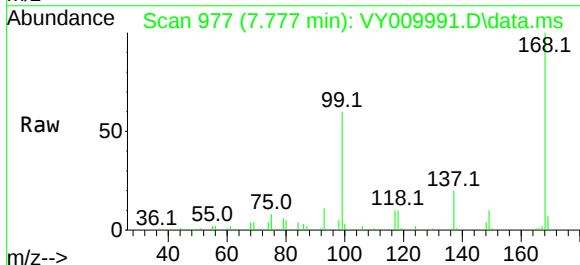
Instrument :
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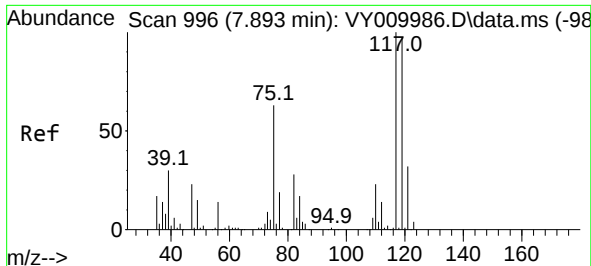
Tgt Ion:113 Resp: 47471
Ion Ratio Lower Upper
113 100
111 102.9 80.6 120.8
192 18.6 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.128 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009991.D
Acq: 12 Aug 2022 17:14

Tgt Ion: 75 Resp: 8748
Ion Ratio Lower Upper
75 100
110 9.0 18.6 56.0#
77 0.0 25.0 37.4#

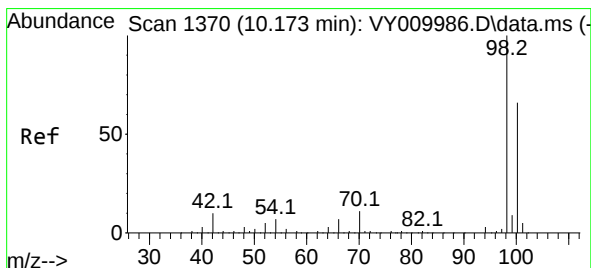
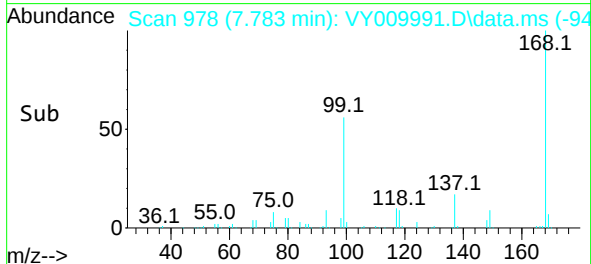
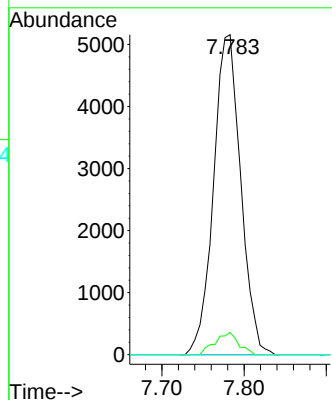
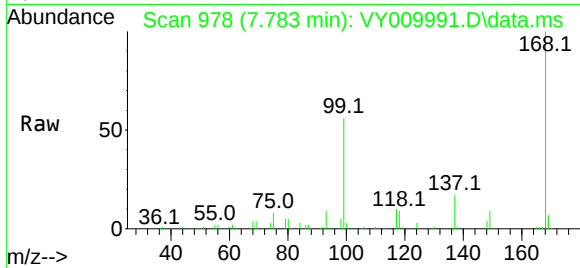




#38
Carbon Tetrachloride
Concen: 5.597 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009991.D
Acq: 12 Aug 2022 17:14

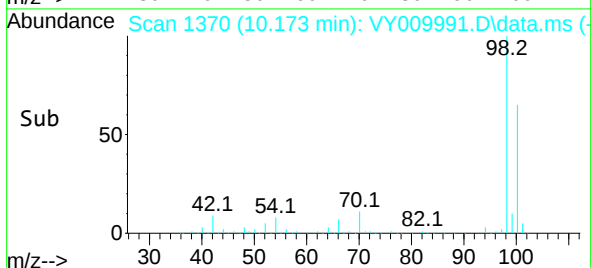
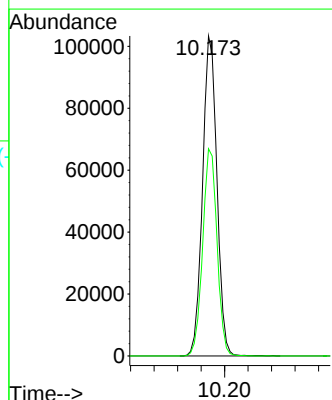
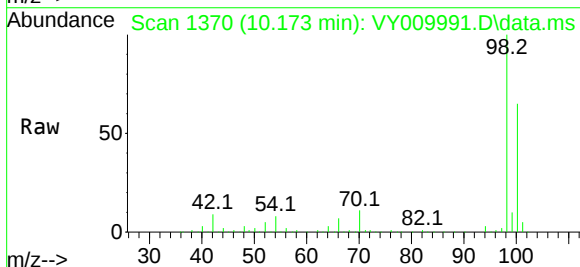
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBL01

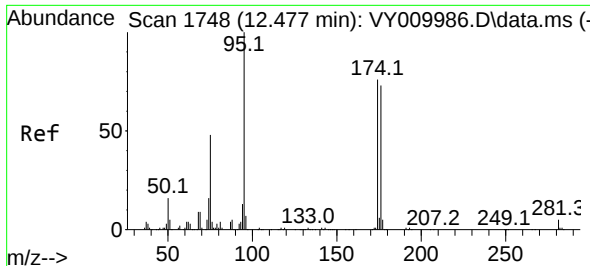
Tgt Ion:117 Resp: 11837
Ion Ratio Lower Upper
117 100
119 7.0 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 32.177 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY009991.D
Acq: 12 Aug 2022 17:14

Tgt Ion: 98 Resp: 175461
Ion Ratio Lower Upper
98 100
100 64.8 52.9 79.3

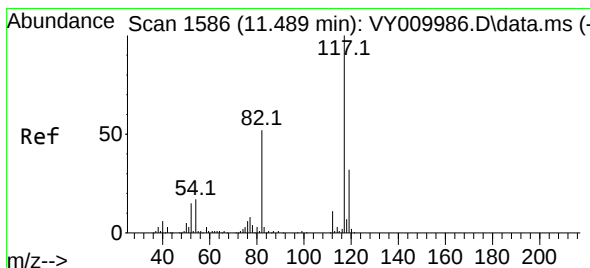
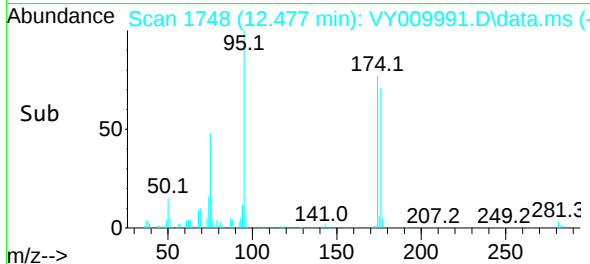
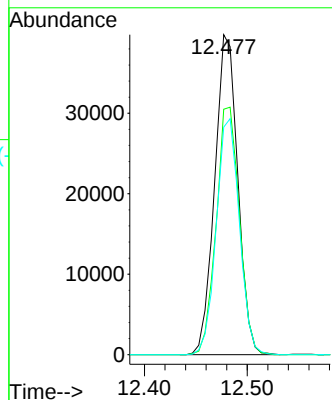
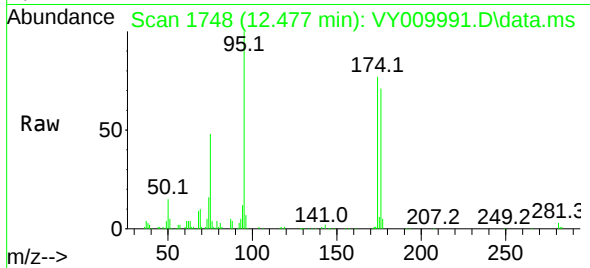




#62
4-Bromofluorobenzene
Concen: 30.996 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009991.D
Acq: 12 Aug 2022 17:14

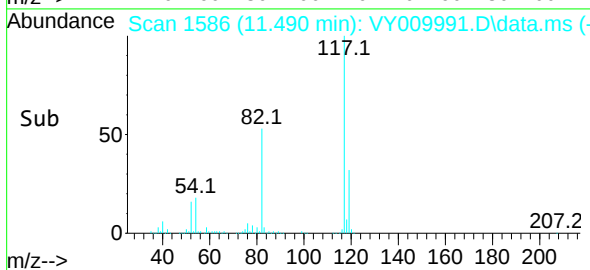
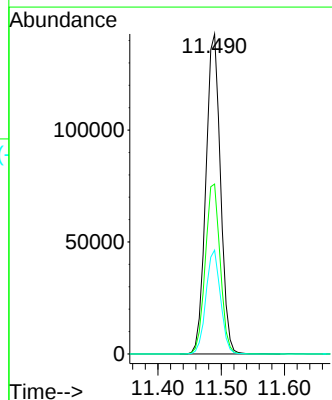
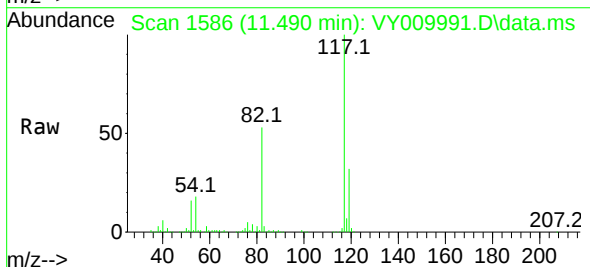
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBL01

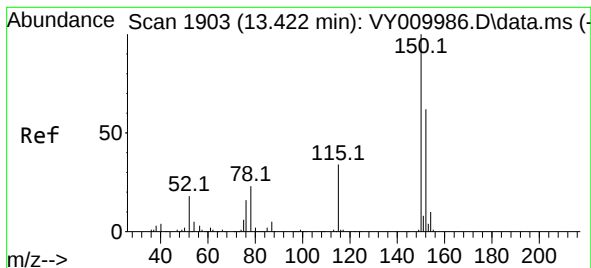
Tgt Ion: 95 Resp: 61928
Ion Ratio Lower Upper
95 100
174 78.0 0.0 173.8
176 73.7 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009991.D
Acq: 12 Aug 2022 17:14

Tgt Ion: 117 Resp: 229770
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.6
119 32.5 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: VY009991.D

Acq: 12 Aug 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBL01

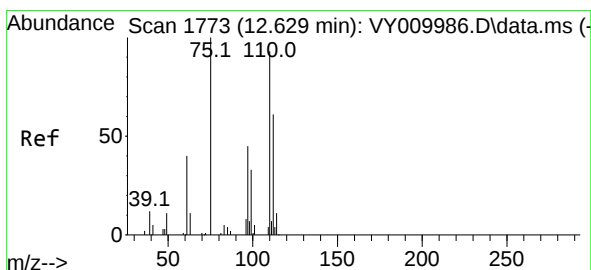
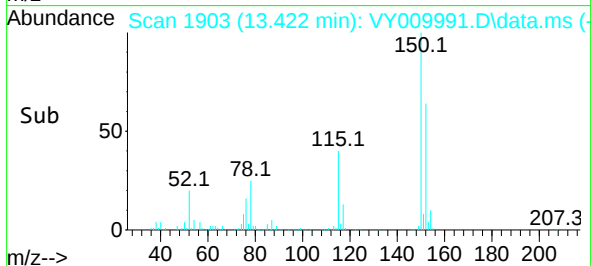
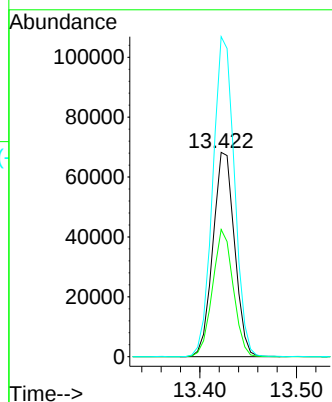
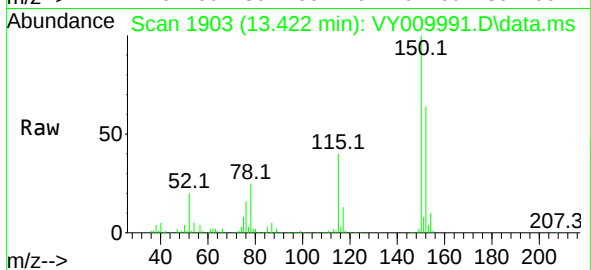
Tgt Ion:152 Resp: 105990

Ion Ratio Lower Upper

152 100

115 59.4 28.6 85.9

150 157.0 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 23.296 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY009991.D

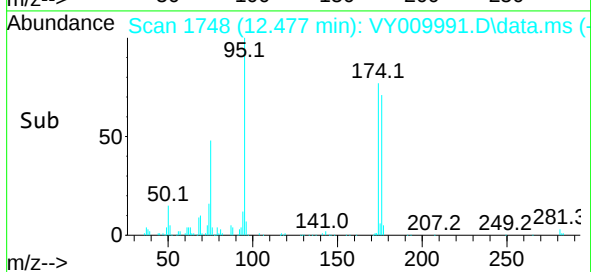
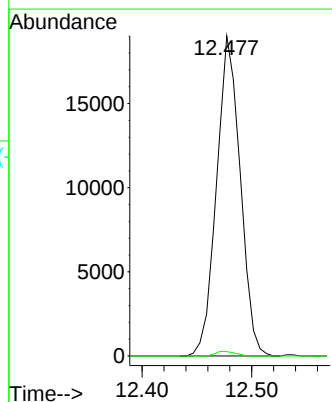
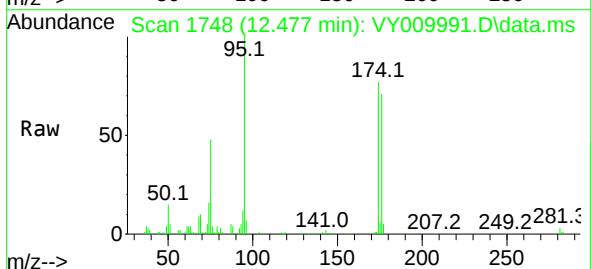
Acq: 12 Aug 2022 17:14

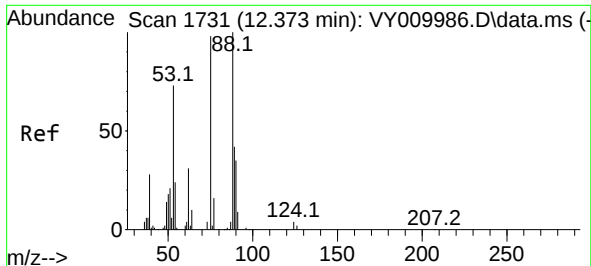
Tgt Ion: 75 Resp: 28533

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

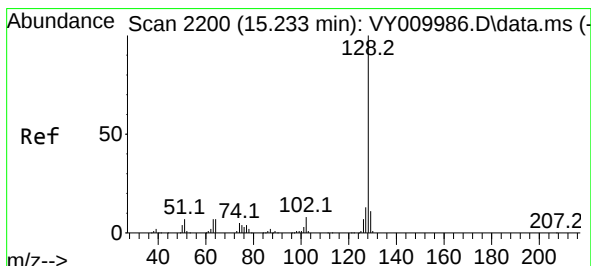
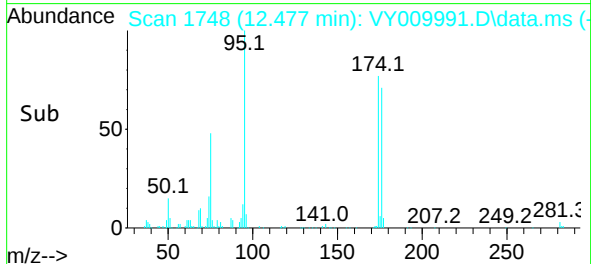
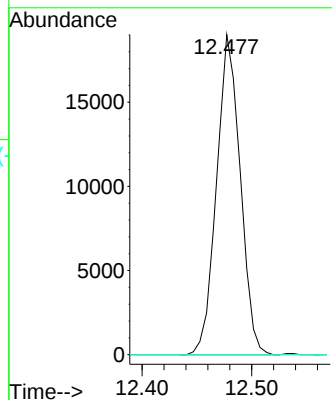
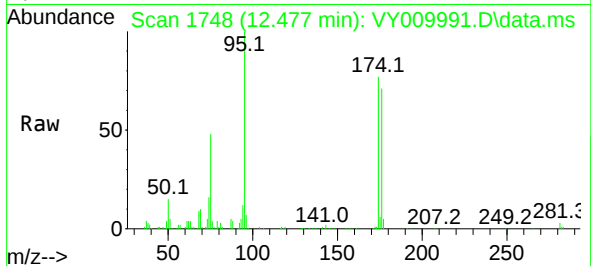




#81
trans-1,4-Dichloro-2-butene
Concen: 50.641 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY009991.D
Acq: 12 Aug 2022 17:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBL01

Tgt Ion: 75 Resp: 28533
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#



#95
Naphthalene
Concen: 3.412 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY009991.D
Acq: 12 Aug 2022 17:14

Tgt Ion: 128 Resp: 1526
Ion Ratio Lower Upper
128 100
127 11.3 10.6 15.8
129 7.0 8.8 13.2#

