

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009749.D
 Acq On : 28 Jul 2022 14:27
 Operator : KP/MD
 Sample : N3892-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN-4

Quant Time: Jul 29 02:56:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	162419	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	296083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	281900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127476	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	68457	64.858	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.720%
35) Dibromofluoromethane	7.710	113	70097	43.530	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.060%
50) Toluene-d8	10.173	98	254813	54.735	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	109.460%
62) 4-Bromofluorobenzene	12.477	95	78045	36.551	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	73.100%

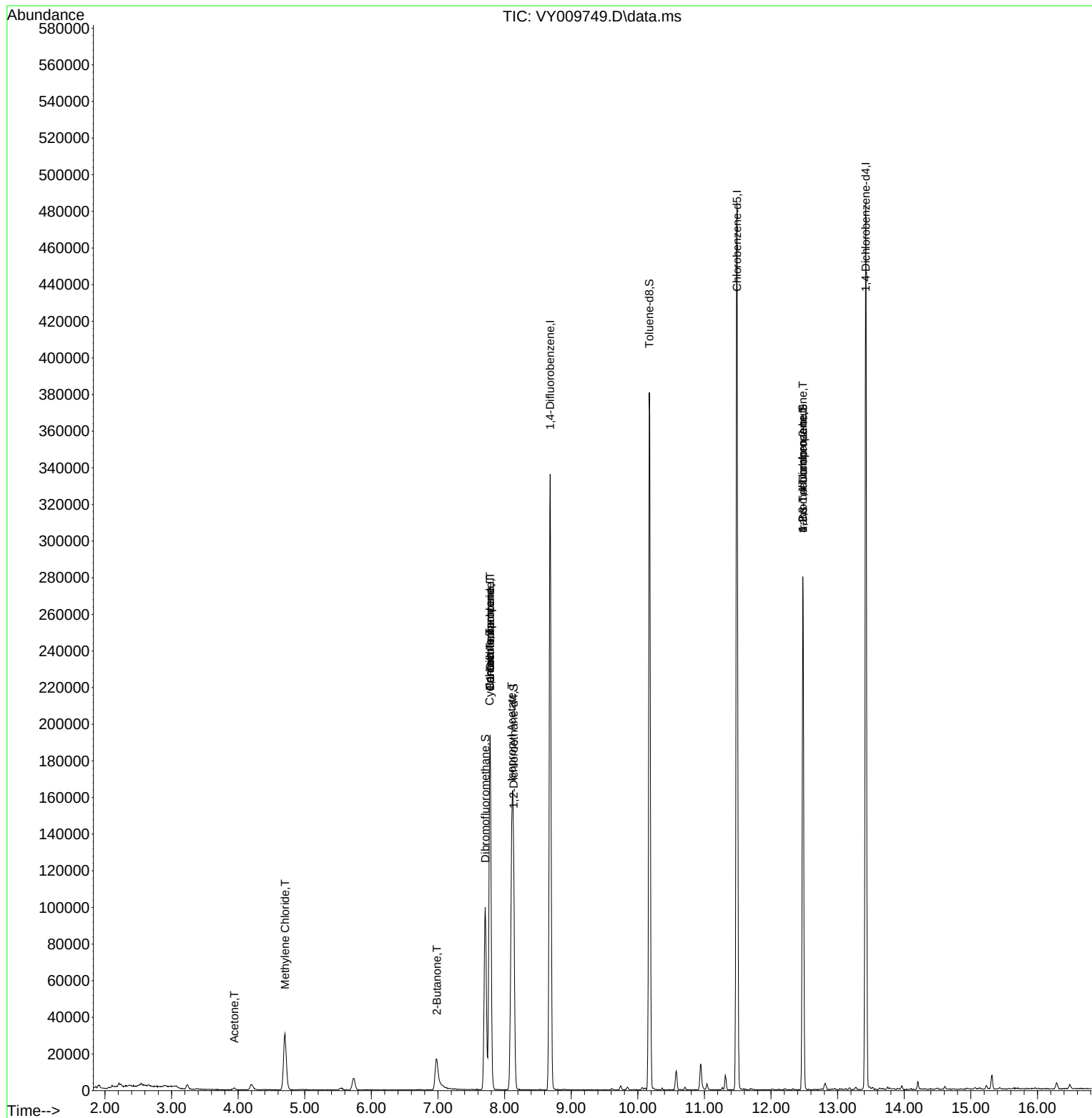
Target Compounds					Qvalue	
16) Acetone	3.942	43	2005	5.163	ug/l	# 88
18) Methyl Acetate	4.460	43	131	Below Cal		# 56
20) Methylene Chloride	4.704	84	22435	2.916	ug/l	# 84
25) 2-Butanone	6.984	43	1279	2.233	ug/l	# 54
31) Cyclohexane	7.777	56	2947	1.140	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	10849	4.140	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	14144	5.038	ug/l	# 16
43) Isopropyl Acetate	8.106	43	2844	1.048	ug/l	# 1
76) 1,2,3-Trichloropropane	12.477	75	39837	33.644	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	39837	67.063	ug/l	# 7

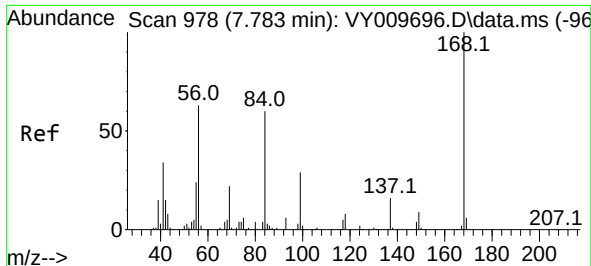
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
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Response via : Initial Calibration

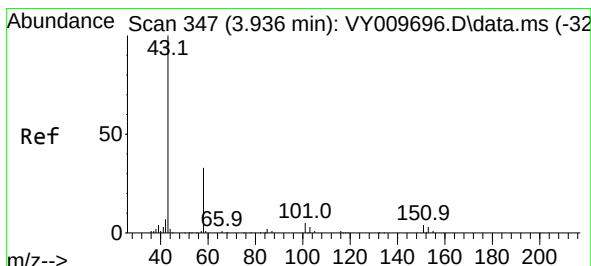
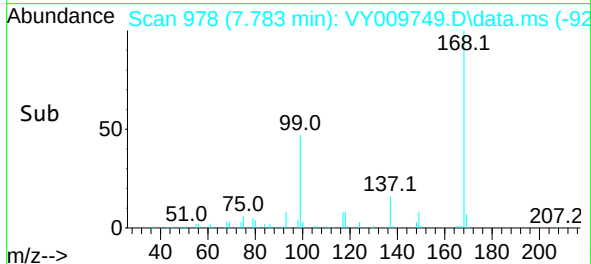
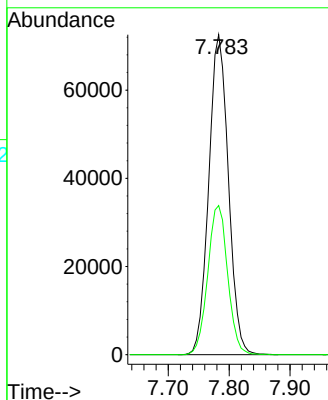
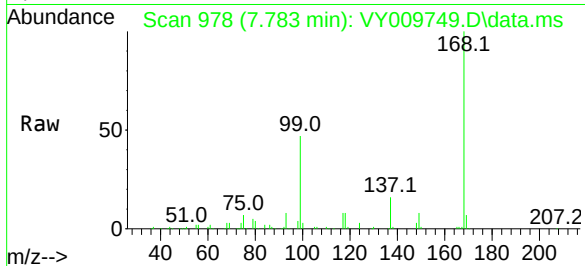




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009749.D
Acq: 28 Jul 2022 14:27

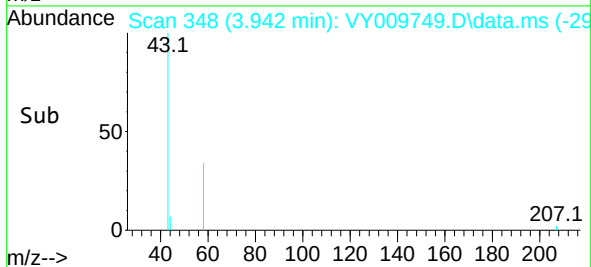
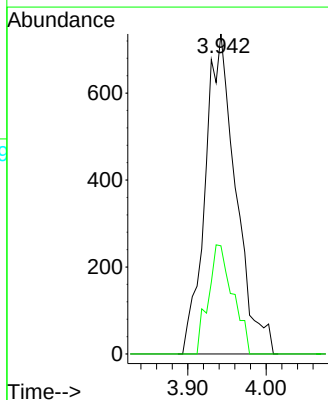
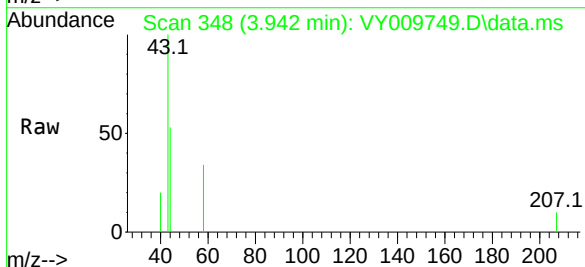
Instrument :
MSVOA_Y
ClientSampleId :
BIN-4

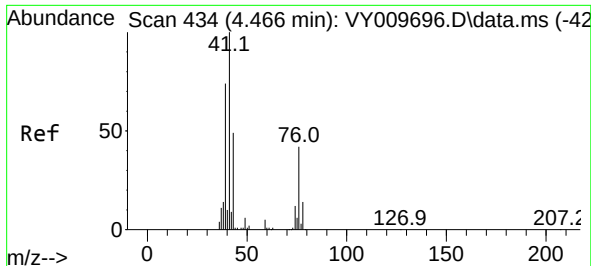
Tgt Ion:168 Resp: 162419
Ion Ratio Lower Upper
168 100
99 46.6 46.9 70.3#



#16
Acetone
Concen: 5.163 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009749.D
Acq: 28 Jul 2022 14:27

Tgt Ion: 43 Resp: 2005
Ion Ratio Lower Upper
43 100
58 33.8 22.0 33.0#

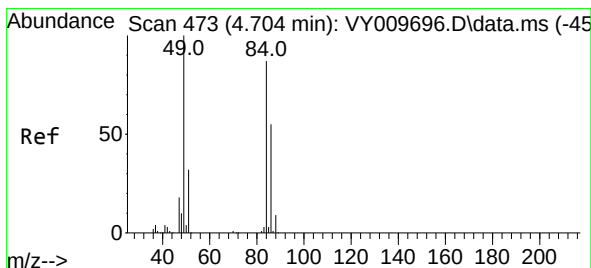
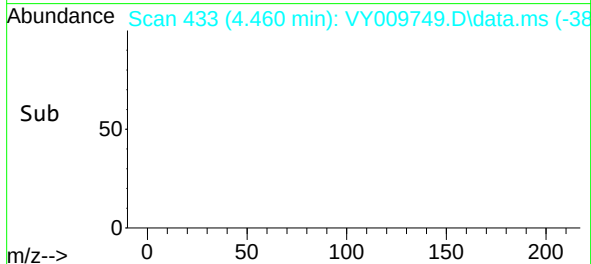
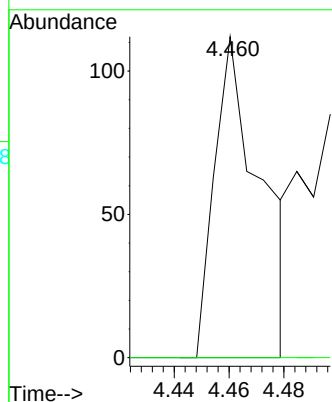
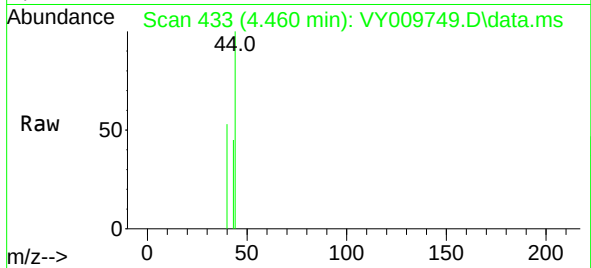




#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009749.D
Acq: 28 Jul 2022 14:27

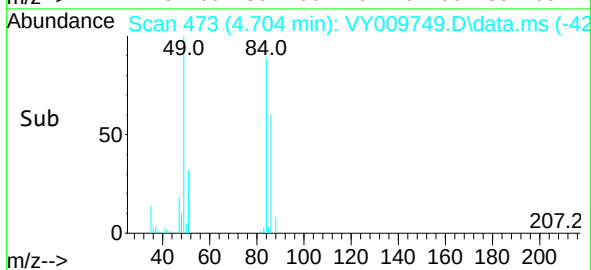
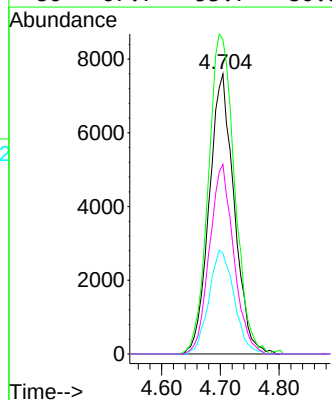
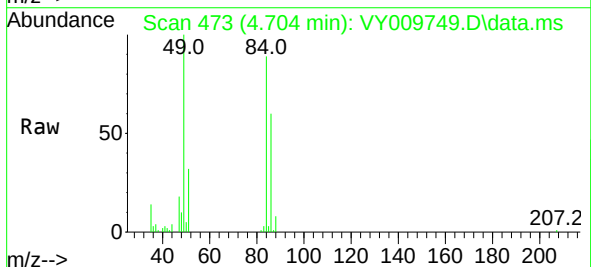
Instrument :
MSVOA_Y
ClientSampleId :
BIN-4

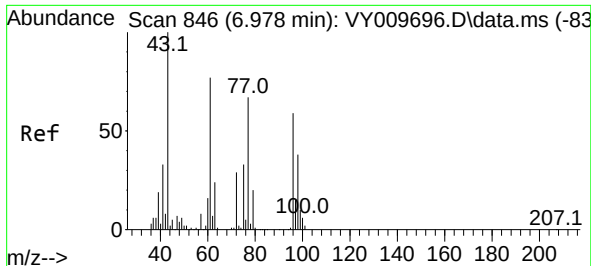
Tgt Ion: 43 Resp: 131
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 2.916 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009749.D
Acq: 28 Jul 2022 14:27

Tgt Ion: 84 Resp: 22435
Ion Ratio Lower Upper
84 100
49 112.3 114.4 171.6#
51 35.9 35.3 52.9
86 67.7 53.7 80.5

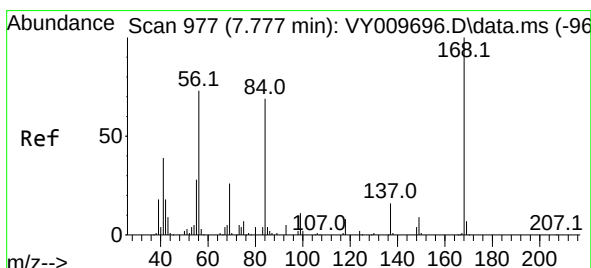
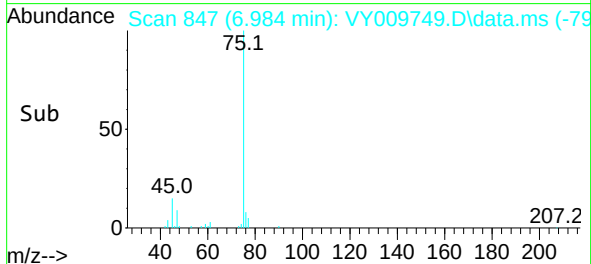
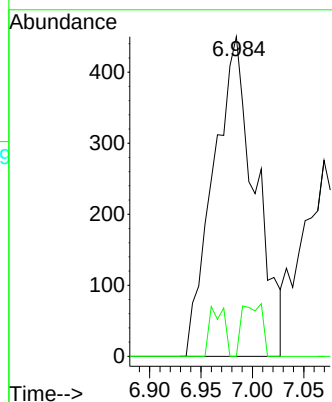
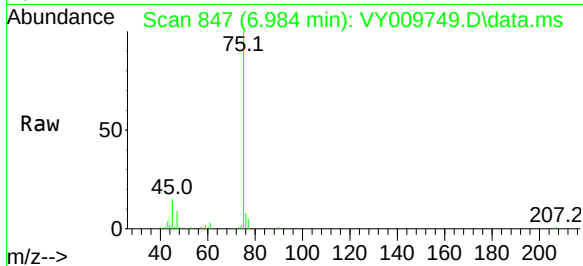




#25
2-Butanone
Concen: 2.233 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009749.D
Acq: 28 Jul 2022 14:27

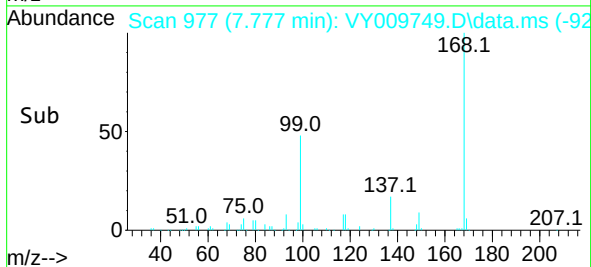
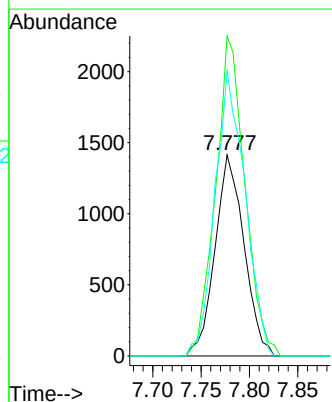
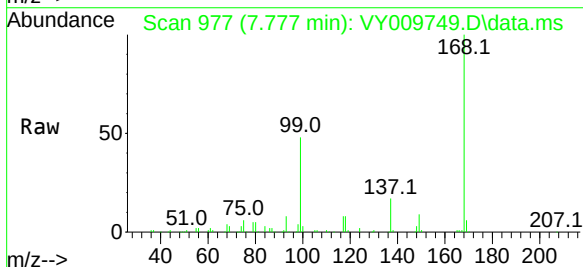
Instrument :
MSVOA_Y
ClientSampleId :
BIN-4

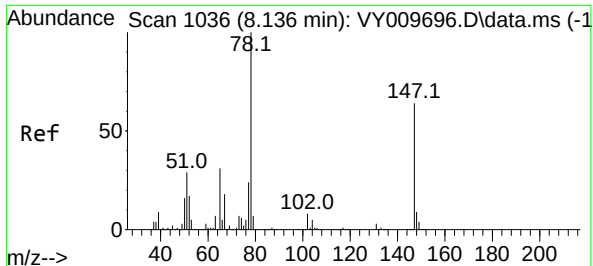
Tgt Ion: 43 Resp: 1279
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY009749.D
Acq: 28 Jul 2022 14:27

Tgt Ion: 56 Resp: 2947
Ion Ratio Lower Upper
56 100
69 159.3 26.7 40.1#
84 142.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 64.858 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY009749.D

Acq: 28 Jul 2022 14:27

Instrument :

MSVOA_Y

ClientSampleId :

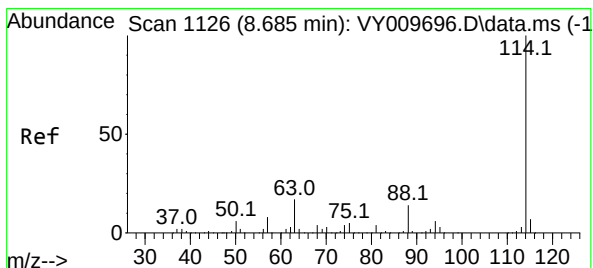
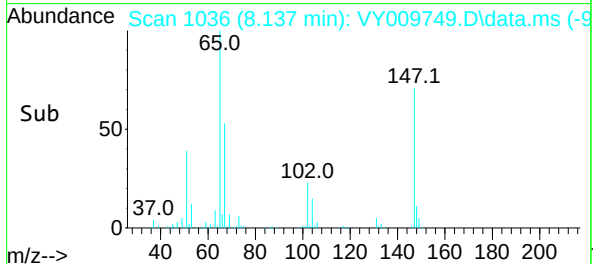
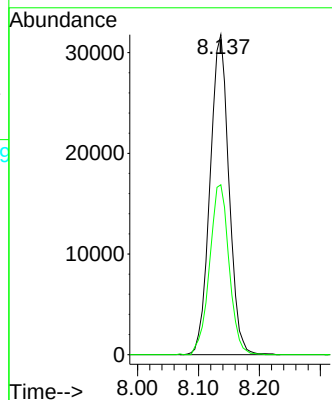
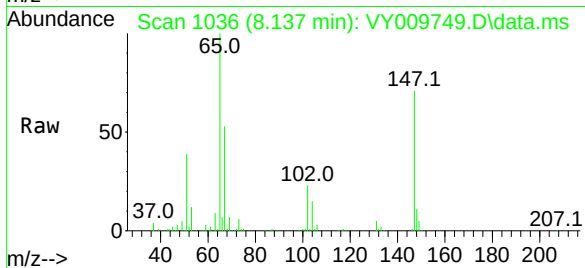
BIN-4

Tgt Ion: 65 Resp: 68457

Ion Ratio Lower Upper

65 100

67 54.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009749.D

Acq: 28 Jul 2022 14:27

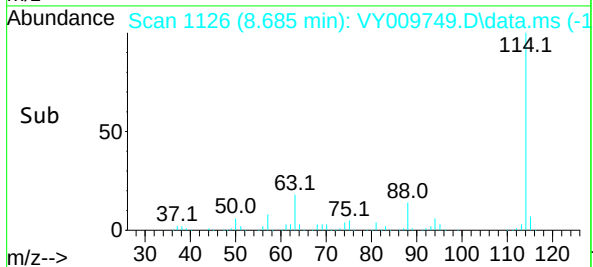
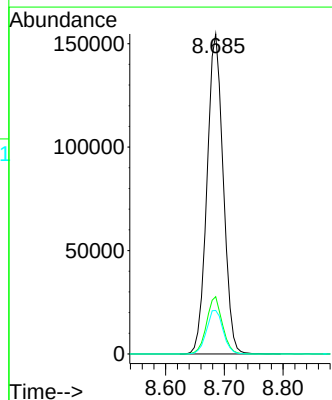
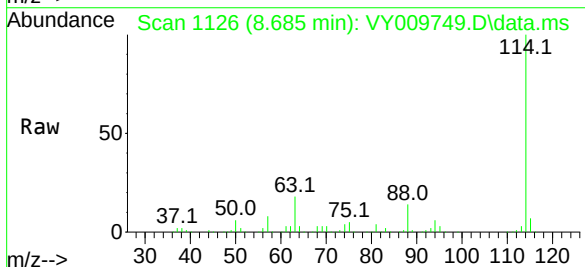
Tgt Ion: 114 Resp: 296083

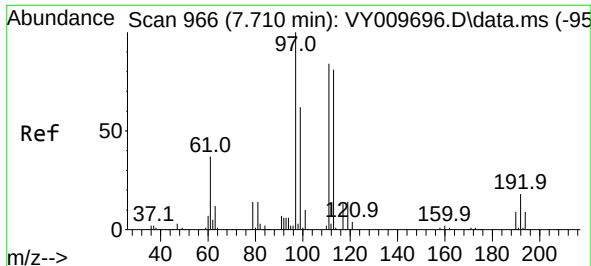
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 13.6 0.0 31.8

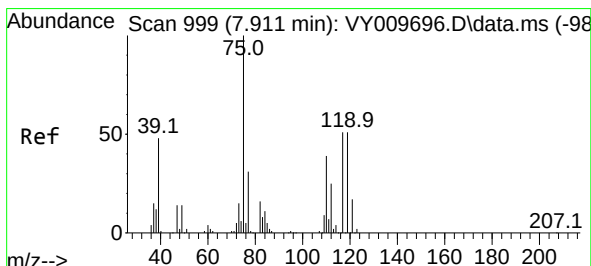
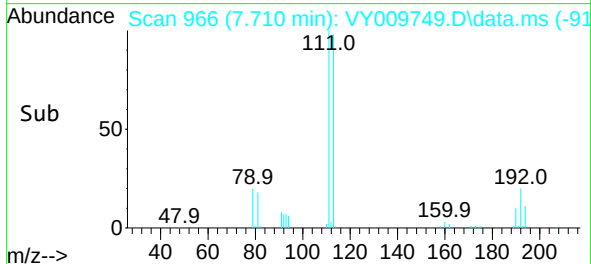
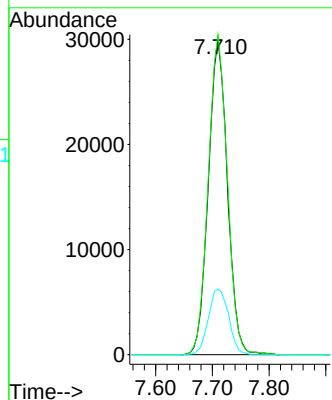
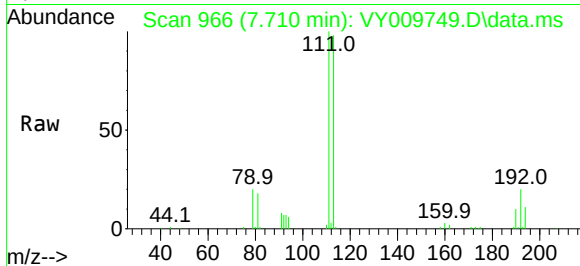




#35
Dibromofluoromethane
Concen: 43.530 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009749.D
Acq: 28 Jul 2022 14:27

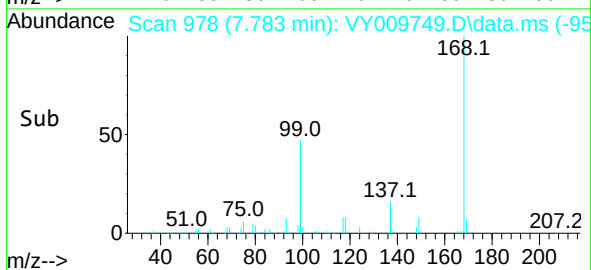
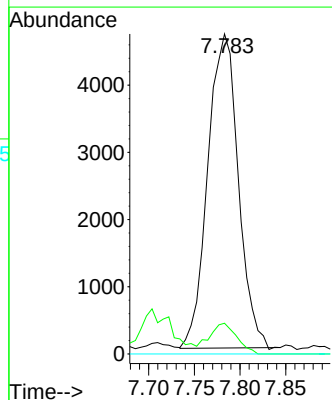
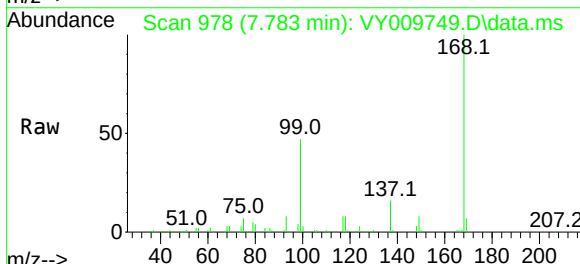
Instrument :
MSVOA_Y
ClientSampleId :
BIN-4

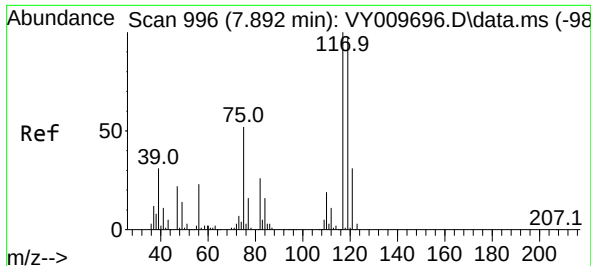
Tgt Ion:113 Resp: 70097
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 22.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.140 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009749.D
Acq: 28 Jul 2022 14:27

Tgt Ion: 75 Resp: 10849
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#

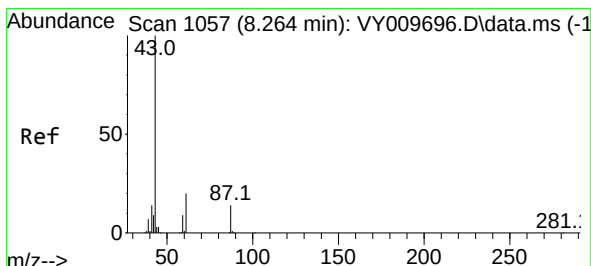
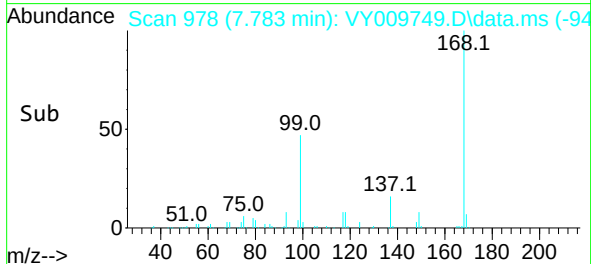
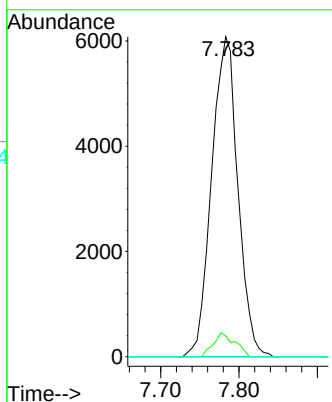
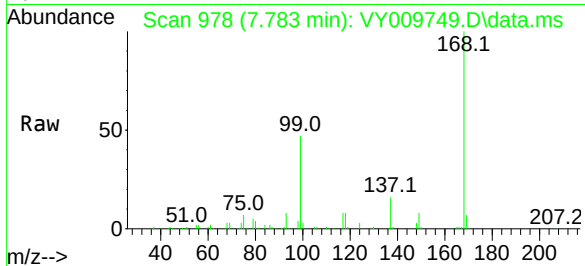




#38
Carbon Tetrachloride
Concen: 5.038 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009749.D
Acq: 28 Jul 2022 14:27

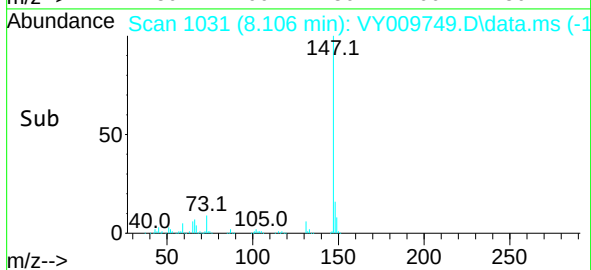
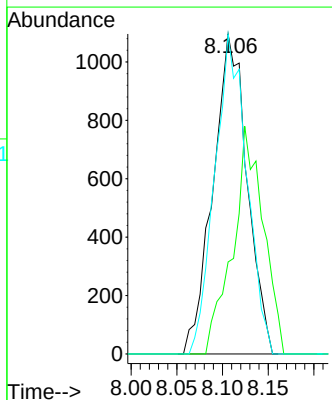
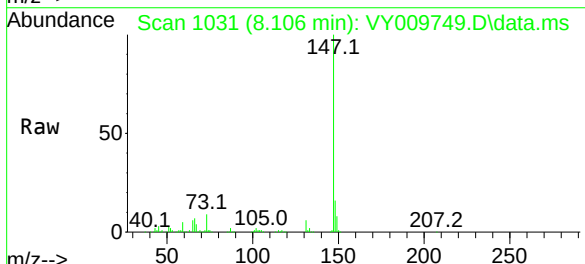
Instrument :
MSVOA_Y
ClientSampleId :
BIN-4

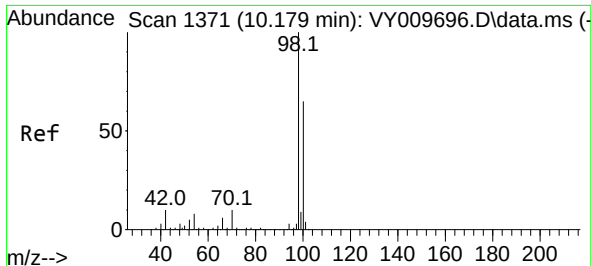
Tgt Ion:117 Resp: 14144
Ion Ratio Lower Upper
117 100
119 6.5 77.9 116.9#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 1.048 ug/l
RT: 8.106 min Scan# 1031
Delta R.T. -0.158 min
Lab File: VY009749.D
Acq: 28 Jul 2022 14:27

Tgt Ion: 43 Resp: 2844
Ion Ratio Lower Upper
43 100
61 63.3 20.2 30.2#
87 94.0 8.9 13.3#

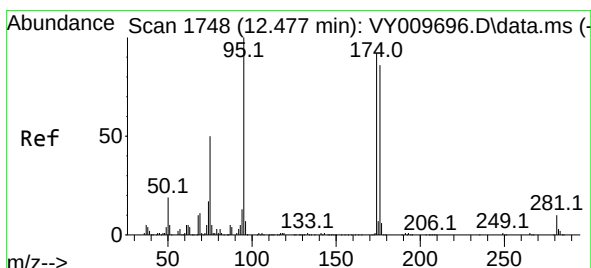
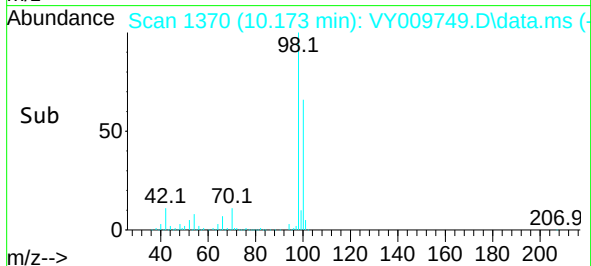
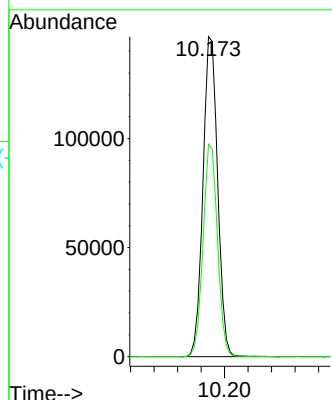
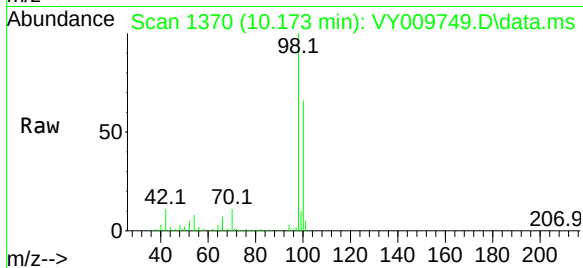




#50
Toluene-d8
Concen: 54.735 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009749.D
Acq: 28 Jul 2022 14:27

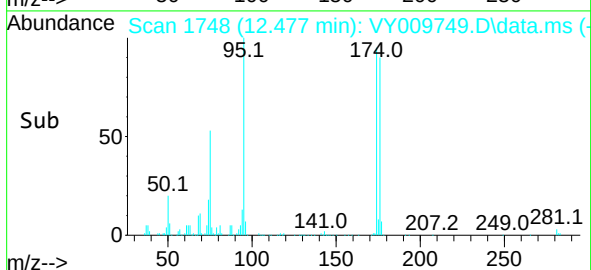
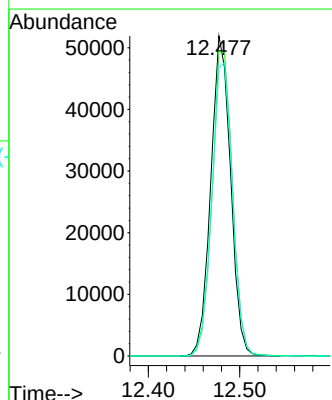
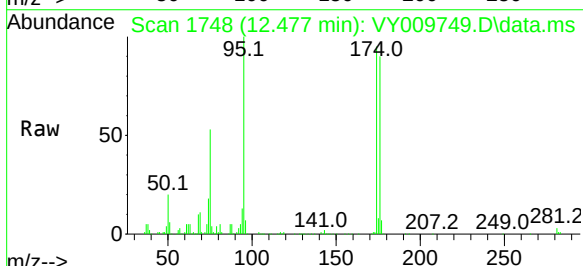
Instrument :
MSVOA_Y
ClientSampleId :
BIN-4

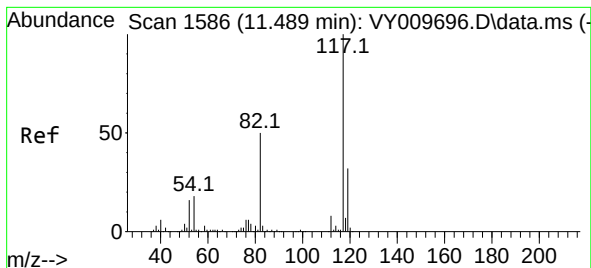
Tgt Ion: 98 Resp: 254813
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.551 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009749.D
Acq: 28 Jul 2022 14:27

Tgt Ion: 95 Resp: 78045
Ion Ratio Lower Upper
95 100
174 99.0 0.0 177.0
176 95.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY009749.D

Acq: 28 Jul 2022 14:27

Instrument :

MSVOA_Y

ClientSampleId :

BIN-4

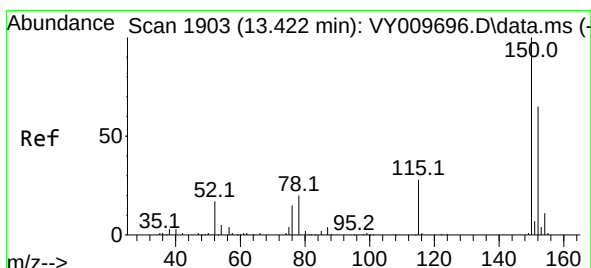
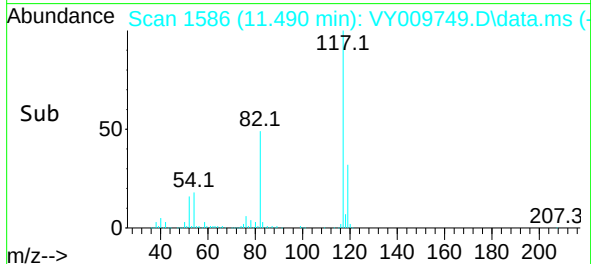
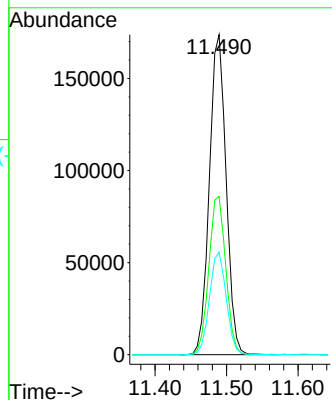
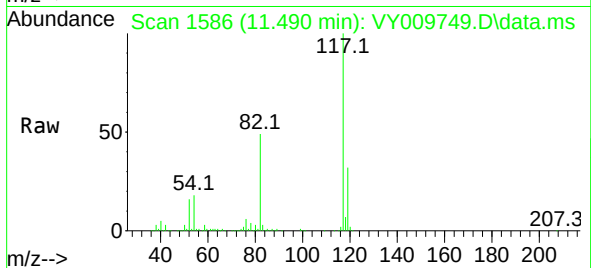
Tgt Ion:117 Resp: 281900

Ion Ratio Lower Upper

117 100

82 49.5 43.0 64.4

119 32.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009749.D

Acq: 28 Jul 2022 14:27

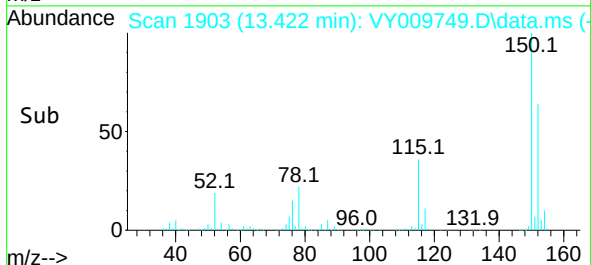
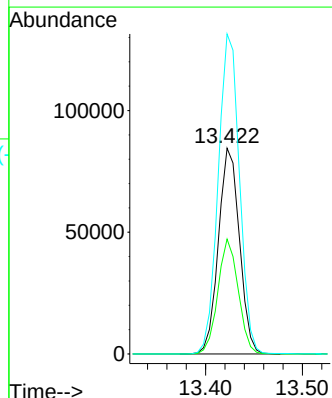
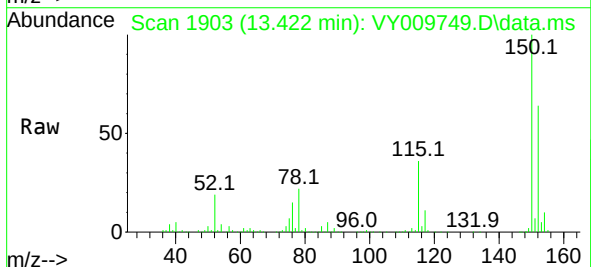
Tgt Ion:152 Resp: 127476

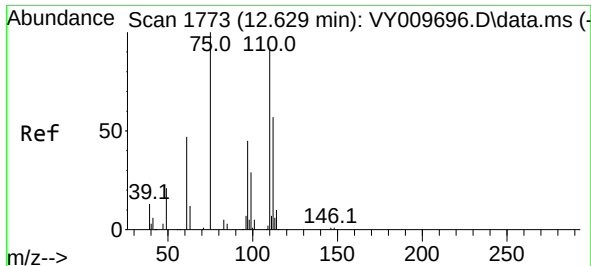
Ion Ratio Lower Upper

152 100

115 54.0 28.2 84.7

150 157.5 0.0 347.6

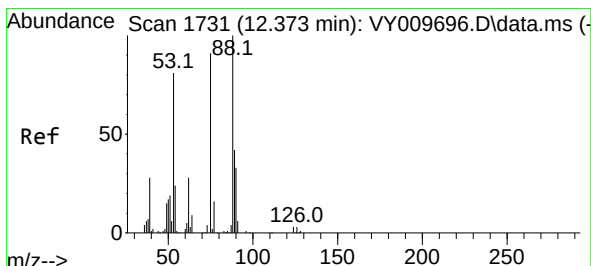
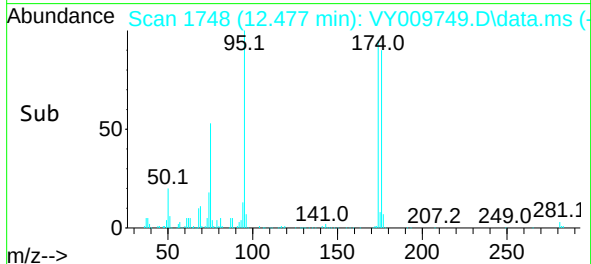
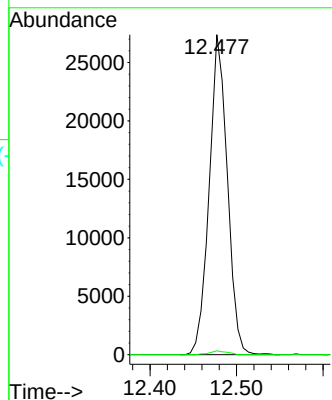
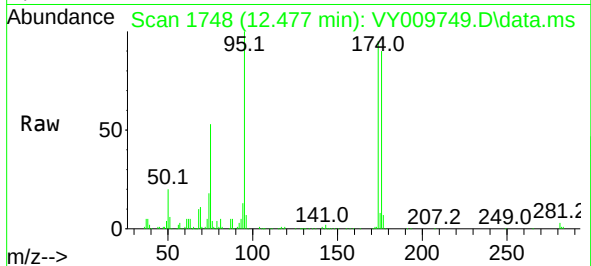




#76
1,2,3-Trichloropropane
Concen: 33.644 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009749.D
Acq: 28 Jul 2022 14:27

Instrument :
MSVOA_Y
ClientSampleId :
BIN-4

Tgt Ion: 75 Resp: 39837
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.063 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009749.D
Acq: 28 Jul 2022 14:27

Tgt Ion: 75 Resp: 39837
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

