

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019054.D
 Acq On : 14 Aug 2024 13:22
 Operator : SY/MD
 Sample : P3597-03
 Misc : 6.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 14 21:45:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

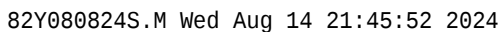
Internal Standards						
1) Pentafluorobenzene	7.701	168	47393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	82821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	72141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	29745	50.000	ug/l	0.00

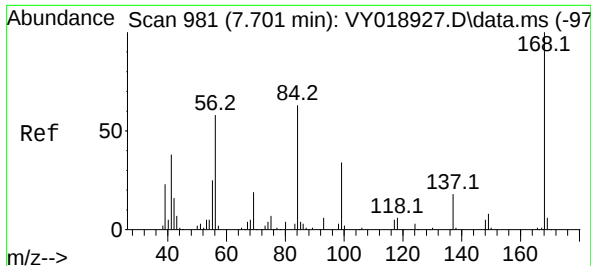
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	22590	54.289	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.580%
35) Dibromofluoromethane	7.622	113	26443	49.990	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.980%
50) Toluene-d8	10.103	98	96808	47.647	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.300%
62) 4-Bromofluorobenzene	12.407	95	25489	42.285	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	84.580%

Target Compounds					Qvalue	
3) Chloromethane	2.068	50	83	Below Cal	#	43
11) Tert butyl alcohol	5.104	59	20	Below Cal	#	88
20) Methylene Chloride	4.604	84	2025	Below Cal		91
31) Cyclohexane	7.695	56	1074	Below Cal	#	73
36) 1,1-Dichloropropene	7.695	75	3548	4.997	ug/l #	51
38) Carbon Tetrachloride	7.695	117	4406	5.412	ug/l #	17
51) 4-Methyl-2-Pentanone	10.103	43	618	1.815	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	16157	72.912	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	16157	150.242	ug/l #	16

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

Quant Time: Aug 14 21:45:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 09 04:24:33 2024
Response via : Initial Calibration

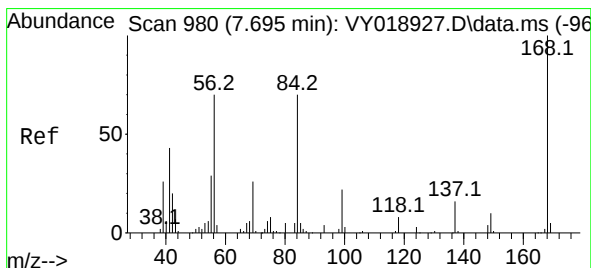
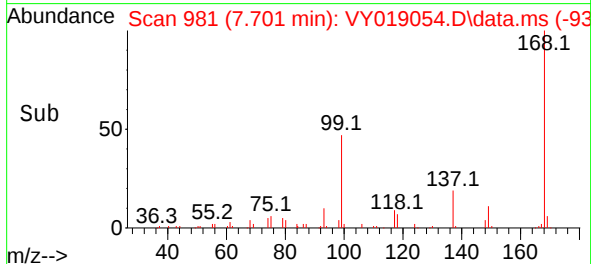
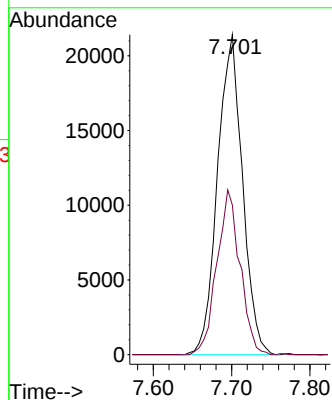
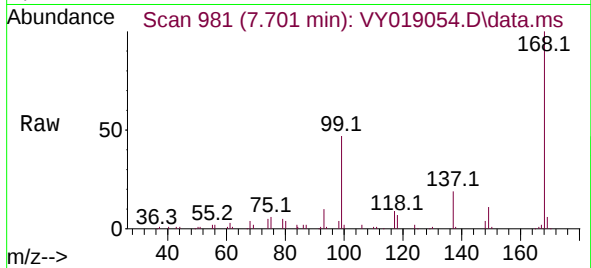




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019054.D
Acq: 14 Aug 2024 13:22

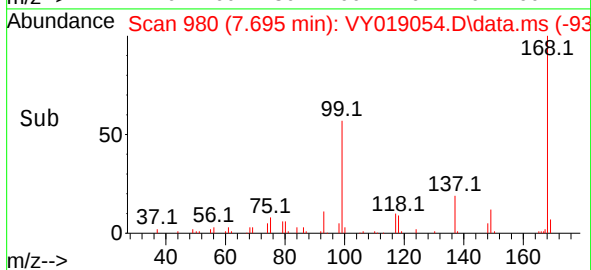
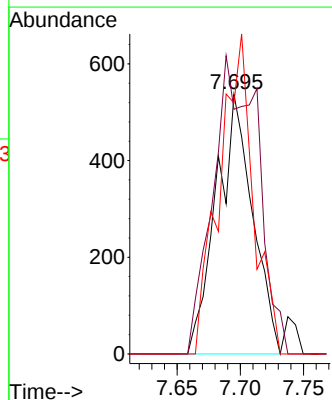
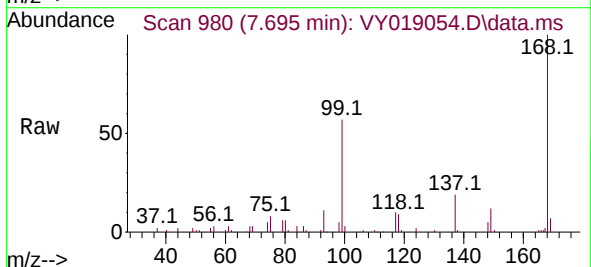
Instrument :
MSVOA_Y
ClientSampleId :

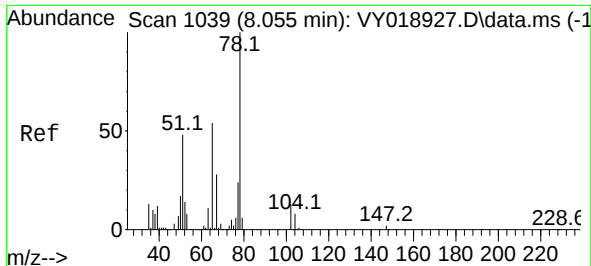
Tgt Ion:168 Resp: 47393
Ion Ratio Lower Upper
168 100
99 46.7 39.1 58.7



#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY019054.D
Acq: 14 Aug 2024 13:22

Tgt Ion: 56 Resp: 1074
Ion Ratio Lower Upper
56 100
69 94.2 28.7 43.1#
84 96.6 77.7 116.5

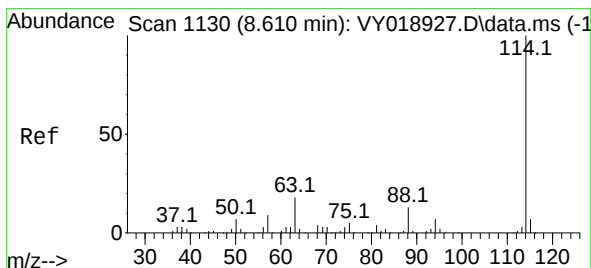
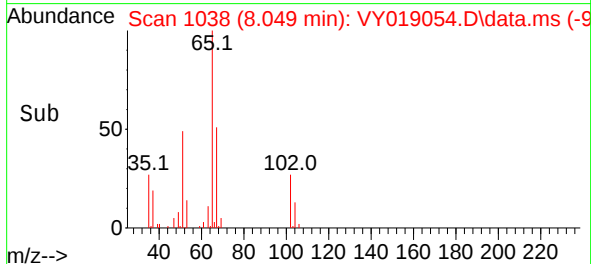
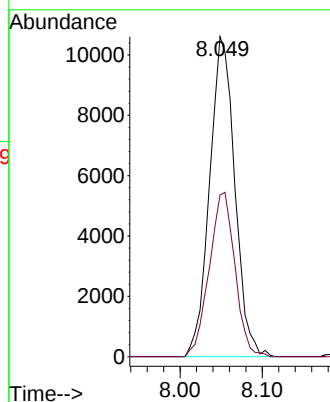
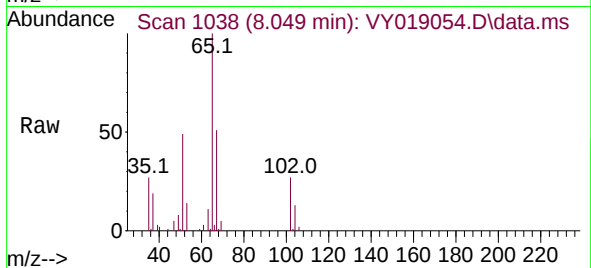




#33
1,2-Dichloroethane-d4
Concen: 54.289 ug/l
RT: 8.049 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VY019054.D
Acq: 14 Aug 2024 13:22

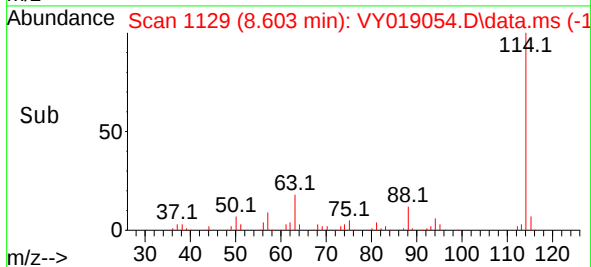
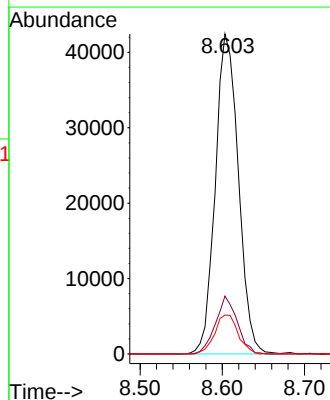
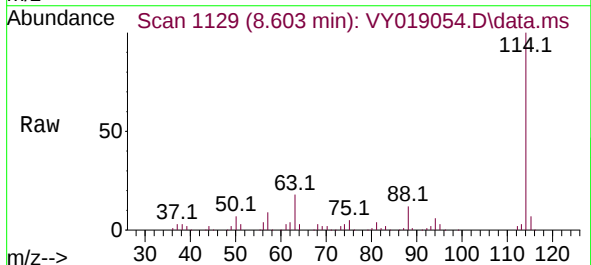
Instrument :
MSVOA_Y
ClientSampleId :

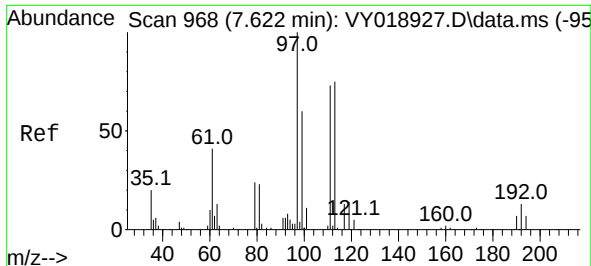
Tgt Ion: 65 Resp: 22590
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VY019054.D
Acq: 14 Aug 2024 13:22

Tgt Ion:114 Resp: 82821
Ion Ratio Lower Upper
114 100
63 18.1 0.0 35.0
88 12.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.990 ug/l

RT: 7.622 min Scan# 9

Delta R.T. -0.000 min

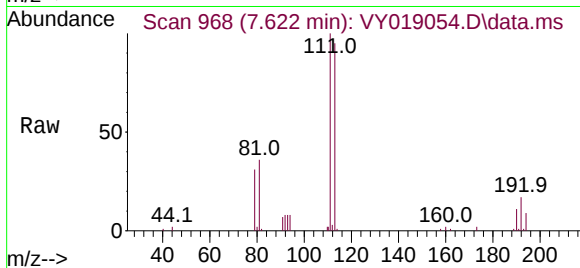
Lab File: VY019054.D

Acq: 14 Aug 2024 13:22

Instrument :

MSVOA_Y

ClientSampleId :



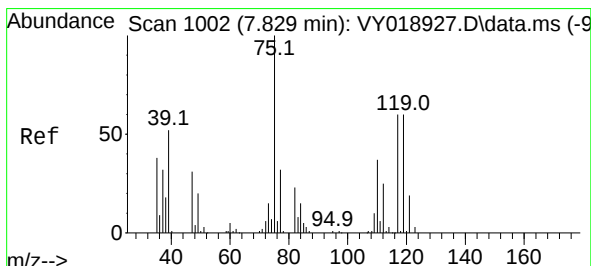
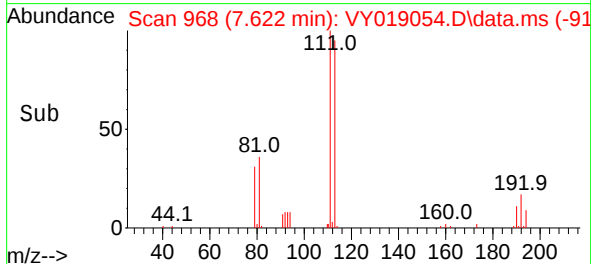
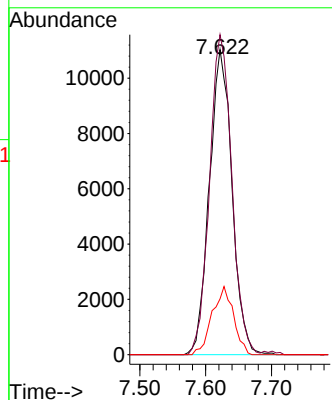
Tgt Ion:113 Resp: 26443

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 21.1 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.997 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY019054.D

Acq: 14 Aug 2024 13:22

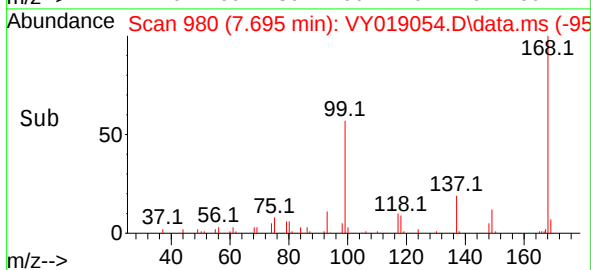
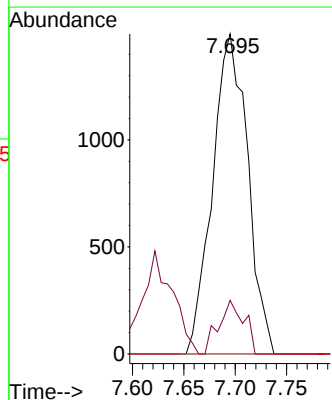
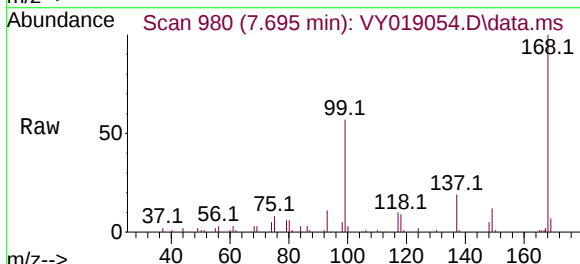
Tgt Ion: 75 Resp: 3548

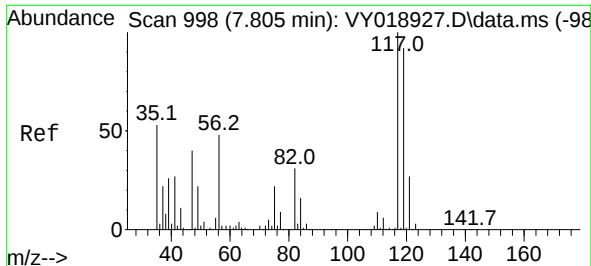
Ion Ratio Lower Upper

75 100

110 12.1 19.0 57.0#

77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.412 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.110 min

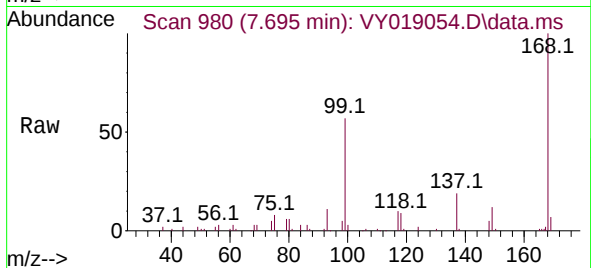
Lab File: VY019054.D

Acq: 14 Aug 2024 13:22

Instrument :

MSVOA_Y

ClientSampleId :



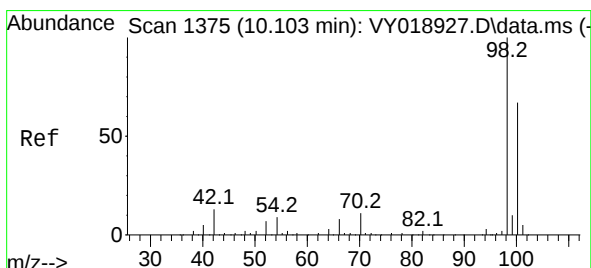
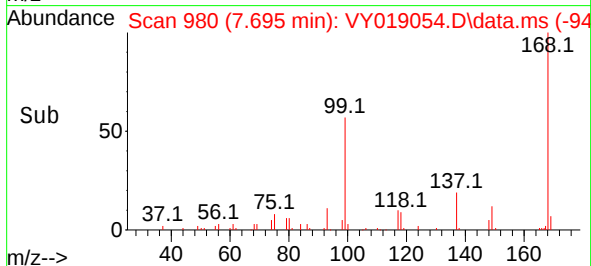
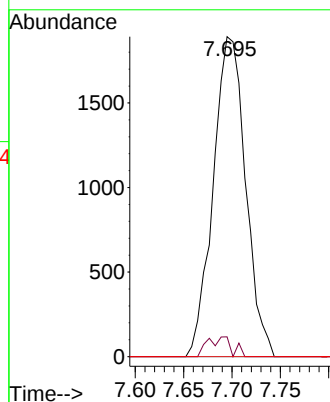
Tgt Ion:117 Resp: 4406

Ion Ratio Lower Upper

117 100

119 6.2 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 47.647 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019054.D

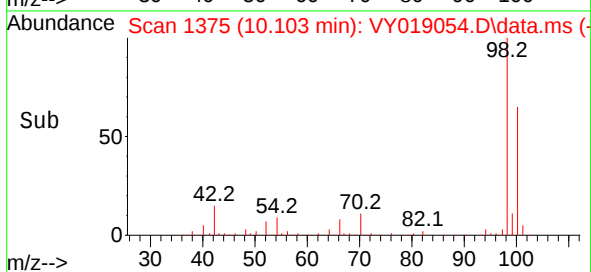
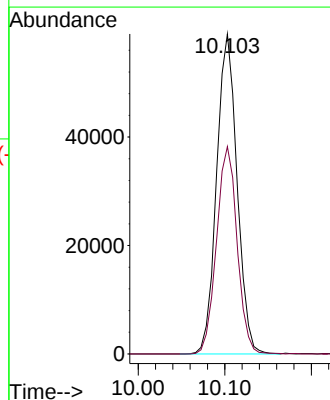
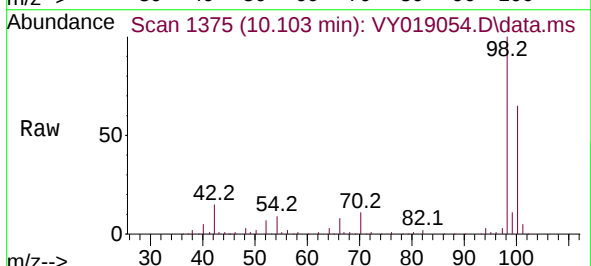
Acq: 14 Aug 2024 13:22

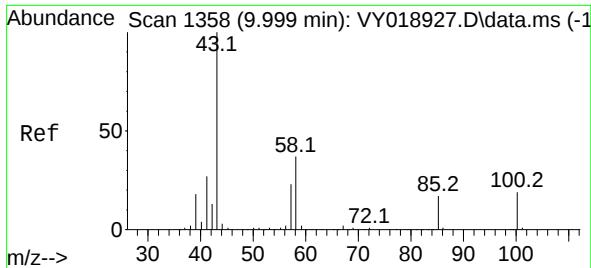
Tgt Ion: 98 Resp: 96808

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

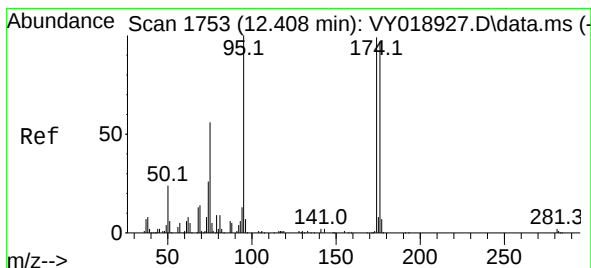
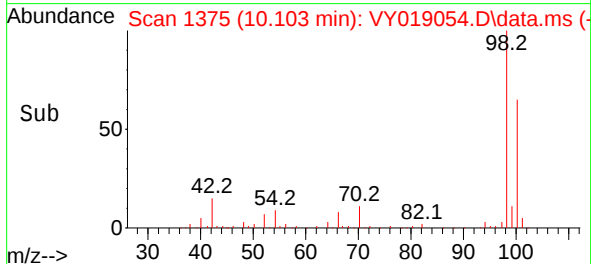
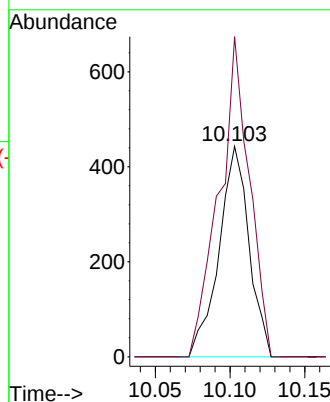
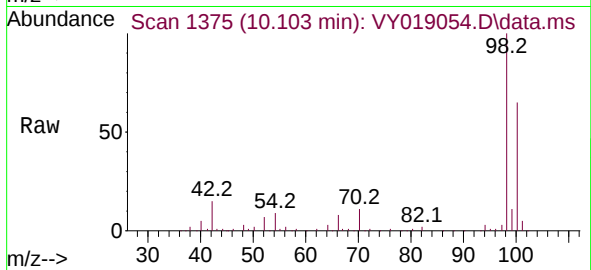




#51
4-Methyl-2-Pentanone
Concen: 1.815 ug/l
RT: 10.103 min Scan# 1358
Delta R.T. 0.104 min
Lab File: VY019054.D
Acq: 14 Aug 2024 13:22

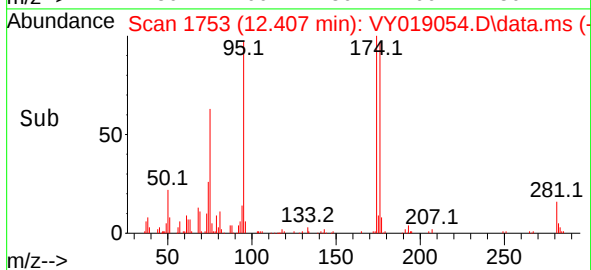
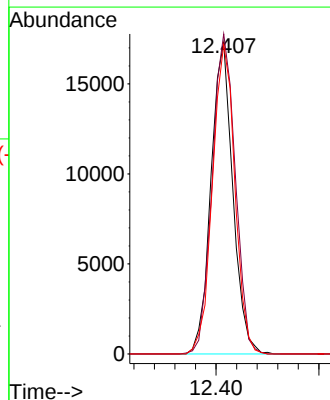
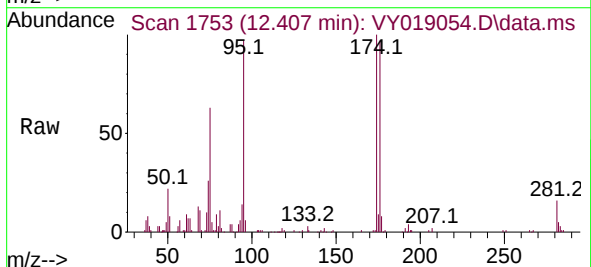
Instrument :
MSVOA_Y
ClientSampleId :

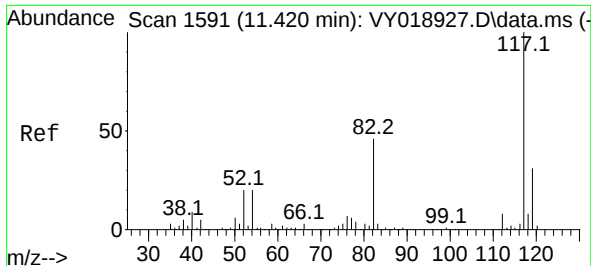
Tgt Ion: 43 Resp: 618
Ion Ratio Lower Upper
43 100
58 153.2 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 42.285 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.001 min
Lab File: VY019054.D
Acq: 14 Aug 2024 13:22

Tgt Ion: 95 Resp: 25489
Ion Ratio Lower Upper
95 100
174 108.4 0.0 175.6
176 101.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019054.D

Acq: 14 Aug 2024 13:22

Instrument :

MSVOA_Y

ClientSampleId :

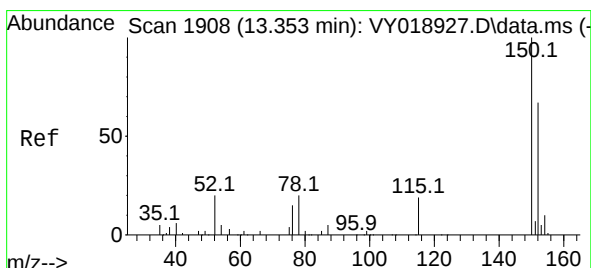
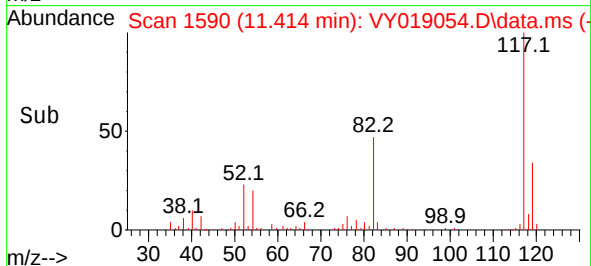
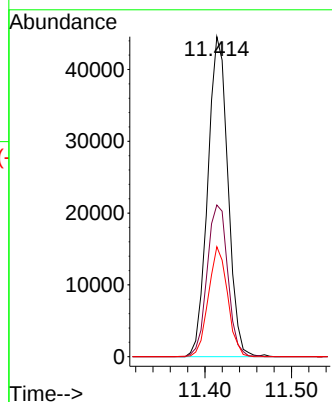
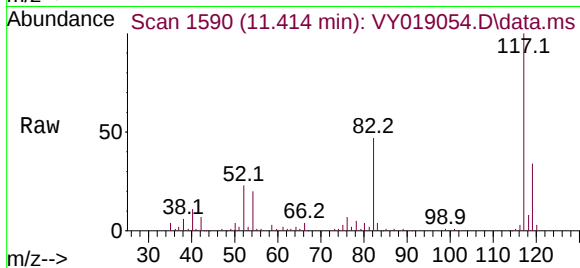
Tgt Ion:117 Resp: 72141

Ion Ratio Lower Upper

117 100

82 47.4 42.4 63.6

119 34.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019054.D

Acq: 14 Aug 2024 13:22

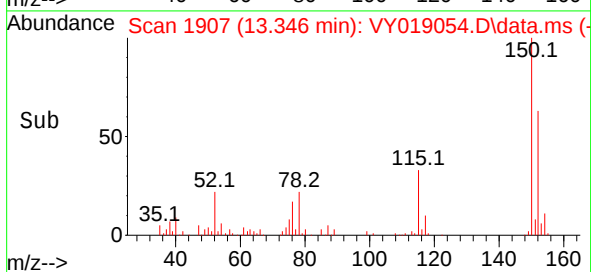
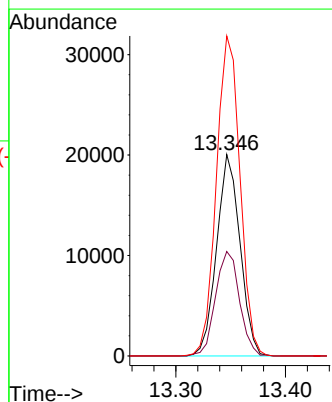
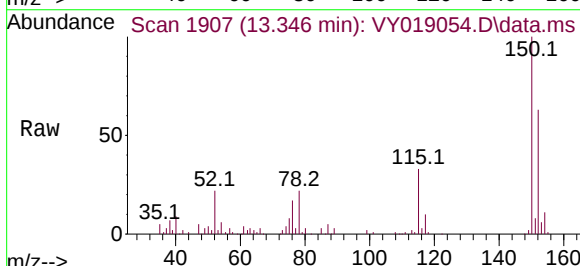
Tgt Ion:152 Resp: 29745

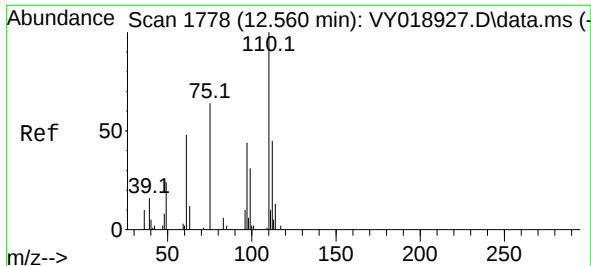
Ion Ratio Lower Upper

152 100

115 53.1 28.2 84.7

150 160.6 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 72.912 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.153 min

Lab File: VY019054.D

Acq: 14 Aug 2024 13:22

Instrument :

MSVOA_Y

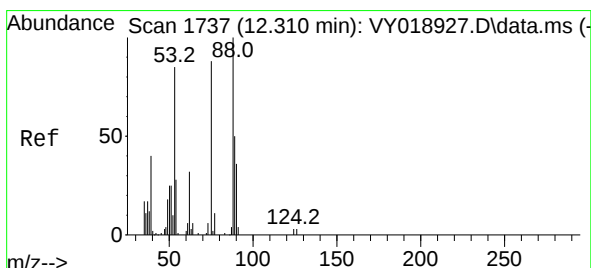
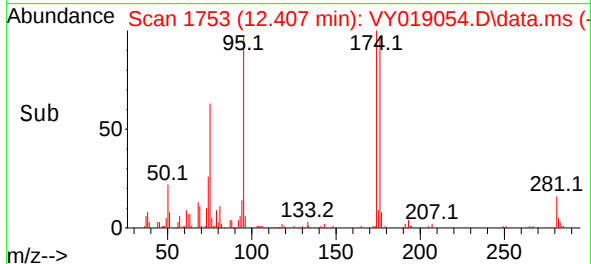
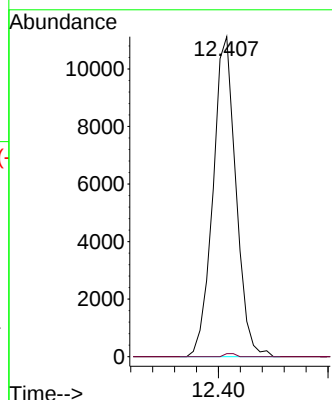
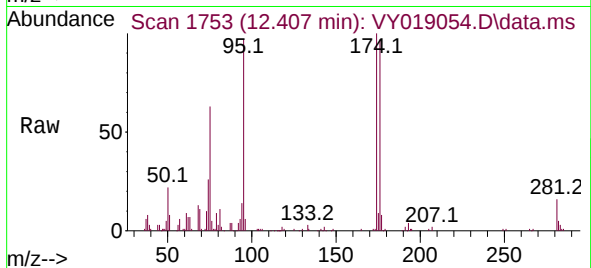
ClientSampleId :

Tgt Ion: 75 Resp: 16157

Ion Ratio Lower Upper

75 100

77 0.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 150.242 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.097 min

Lab File: VY019054.D

Acq: 14 Aug 2024 13:22

Tgt Ion: 75 Resp: 16157

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.8 35.8 53.6#

