

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019119.D
 Acq On : 19 Aug 2024 16:04
 Operator : SY/MD
 Sample : P3598-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 01:47:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

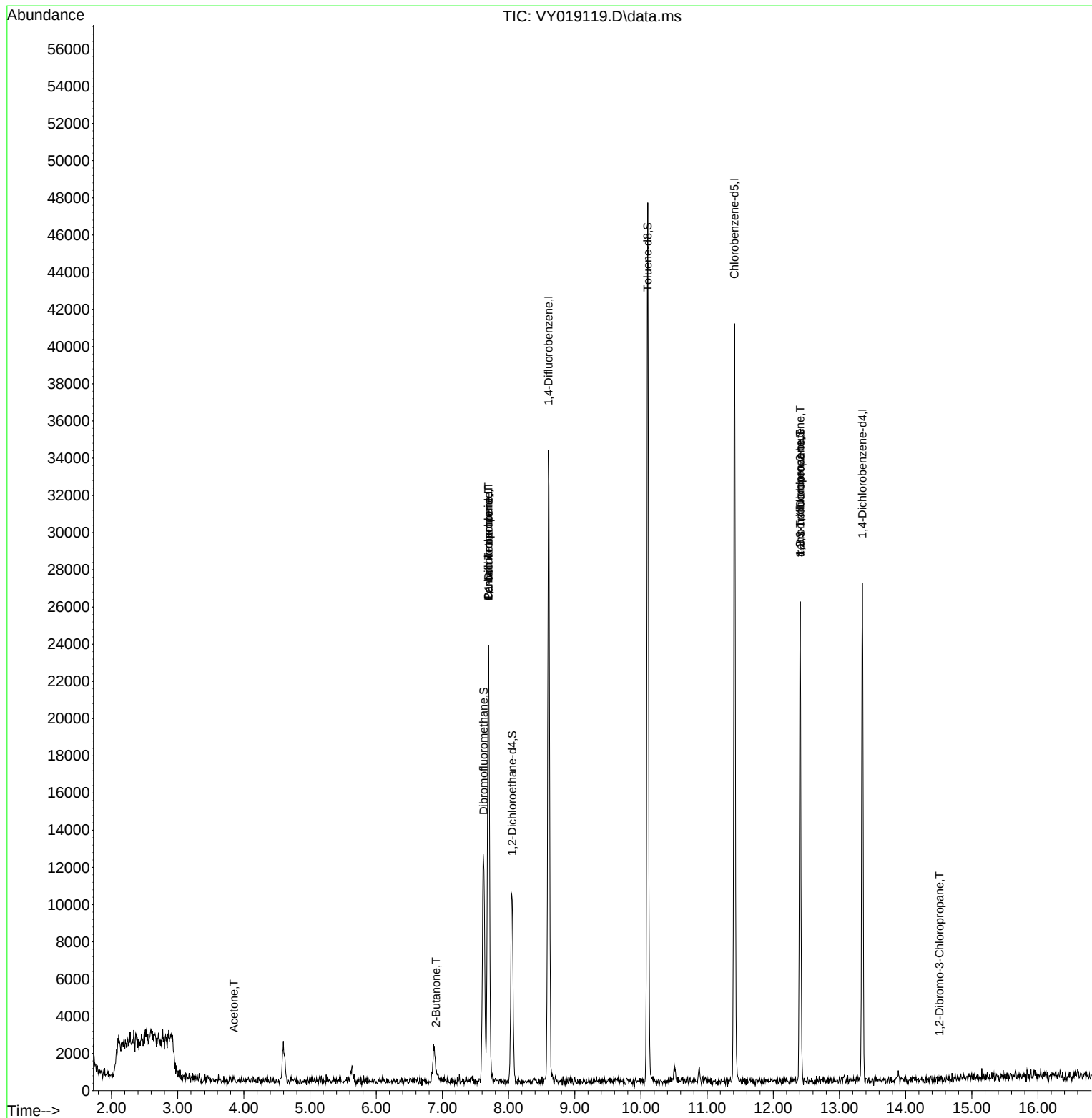
Internal Standards						
1) Pentafluorobenzene	7.695	168	18044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	29209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	22134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	6570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	8341	46.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.220%
35) Dibromofluoromethane	7.622	113	9075	47.517	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.040%
50) Toluene-d8	10.103	98	30126	43.833	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.660%
62) 4-Bromofluorobenzene	12.407	95	7481	31.930	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	63.860%
Target Compounds						
					Qvalue	
5) Bromomethane	2.598	94	281	Below Cal		85
11) Tert butyl alcohol	4.848	59	21	Below Cal	#	88
16) Acetone	3.848	43	116	3.458	ug/l #	36
20) Methylene Chloride	4.598	84	1569	Below Cal	#	84
25) 2-Butanone	6.902	43	63	1.166	ug/l #	41
31) Cyclohexane	7.689	56	409	Below Cal	#	53
36) 1,1-Dichloropropene	7.695	75	1516	5.781	ug/l #	42
38) Carbon Tetrachloride	7.695	117	2031	6.682	ug/l #	13
76) 1,2,3-Trichloropropane	12.407	75	4103	63.326	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	4103	156.393	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.511	75	19	1.441	ug/l #	1

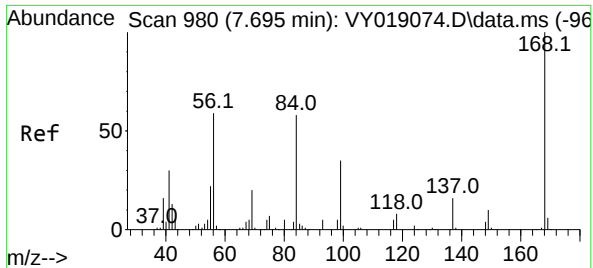
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
Data File : VY019119.D
Acq On : 19 Aug 2024 16:04
Operator : SY/MD
Sample : P3598-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

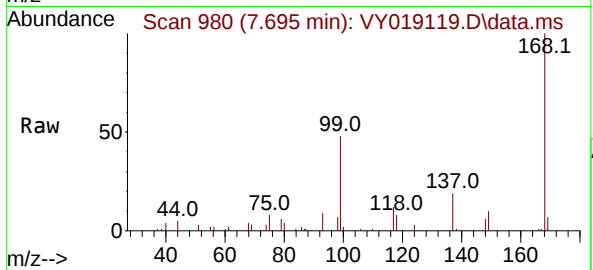
Quant Time: Aug 20 01:47:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration



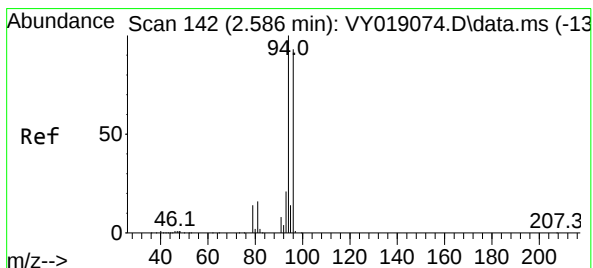
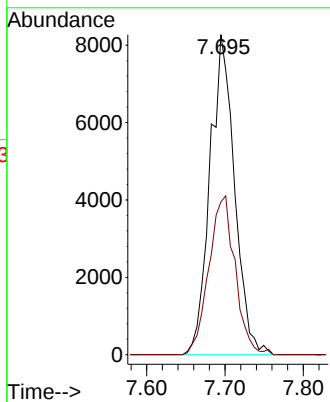
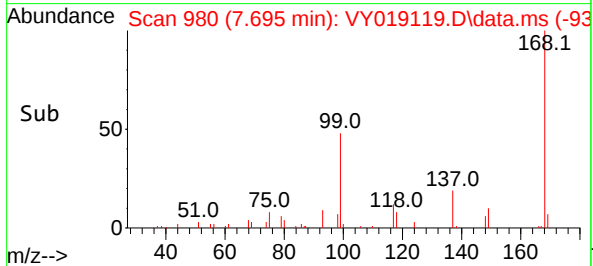


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019119.D
Acq: 19 Aug 2024 16:04

Instrument :
MSVOA_Y
ClientSampleId :

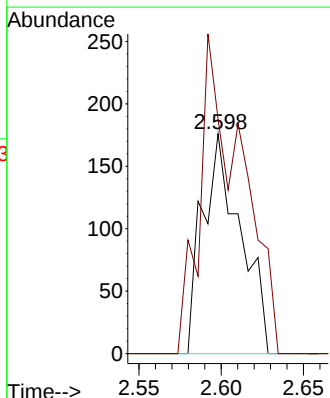
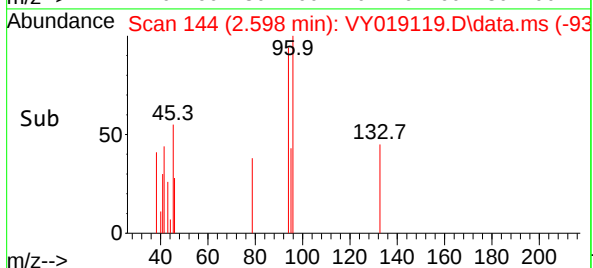
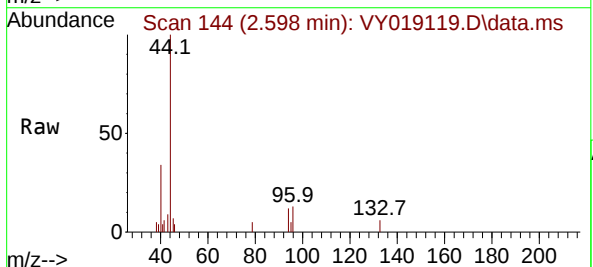


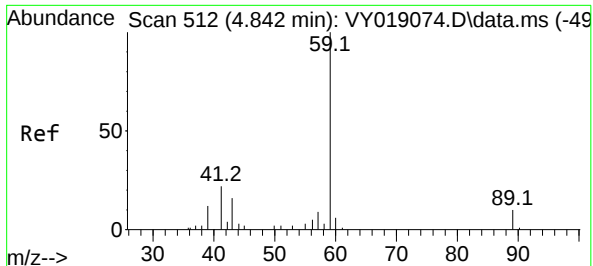
Tgt Ion:168 Resp: 18044
Ion Ratio Lower Upper
168 100
99 47.8 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019119.D
Acq: 19 Aug 2024 16:04

Tgt Ion: 94 Resp: 281
Ion Ratio Lower Upper
94 100
96 106.8 74.1 111.1





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.848 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019119.D

Acq: 19 Aug 2024 16:04

Instrument :

MSVOA_Y

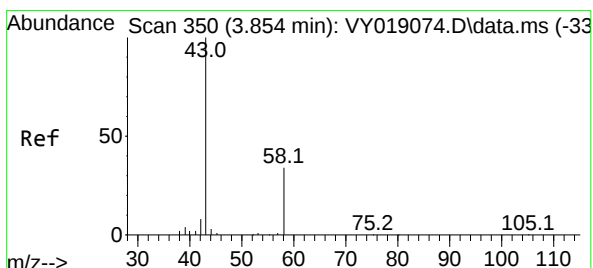
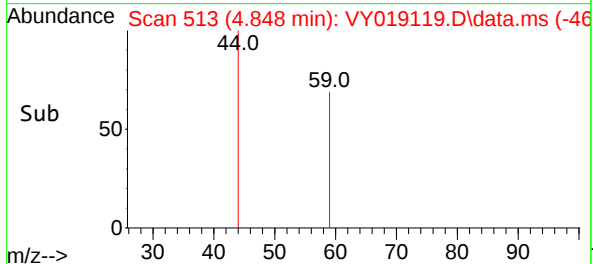
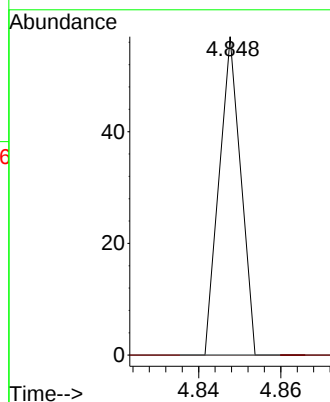
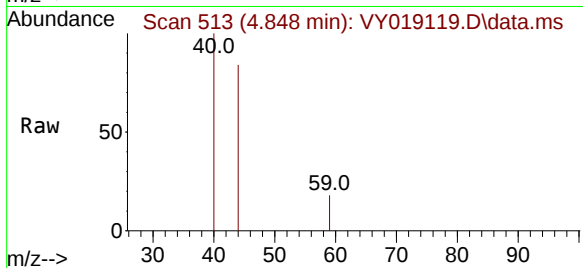
ClientSampleId :

Tgt Ion: 59 Resp: 21

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 3.458 ug/l

RT: 3.848 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY019119.D

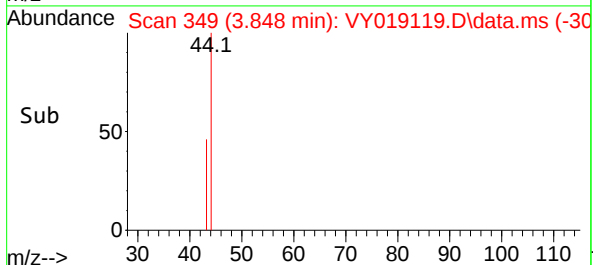
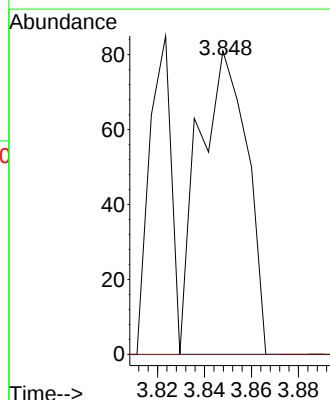
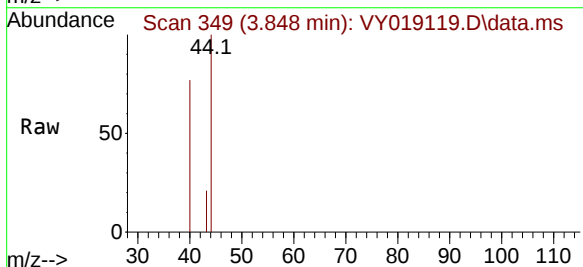
Acq: 19 Aug 2024 16:04

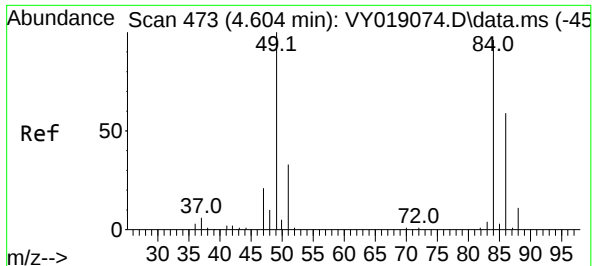
Tgt Ion: 43 Resp: 116

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.598 min Scan# 41

Delta R.T. -0.006 min

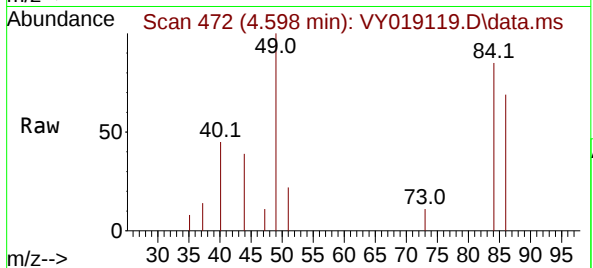
Lab File: VY019119.D

Acq: 19 Aug 2024 16:04

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 1569

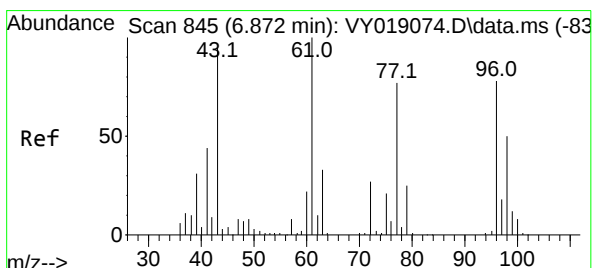
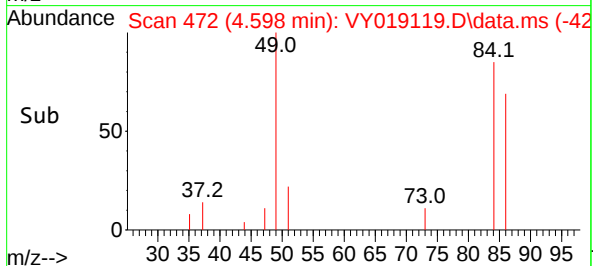
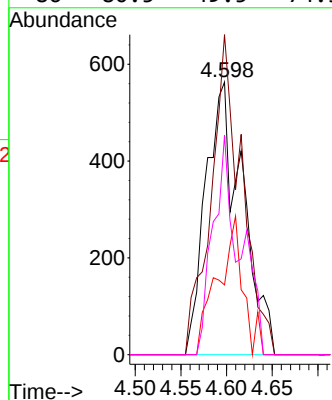
Ion Ratio Lower Upper

84 100

49 117.4 84.4 126.6

51 25.6 26.0 39.0#

86 80.5 49.5 74.3#



#25

2-Butanone

Concen: 1.166 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.030 min

Lab File: VY019119.D

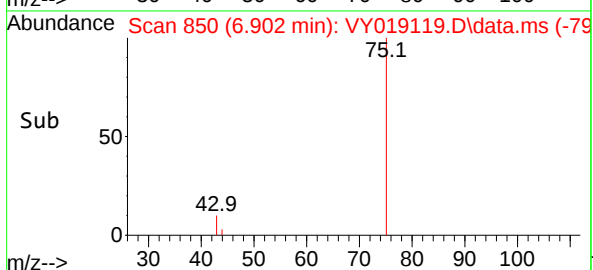
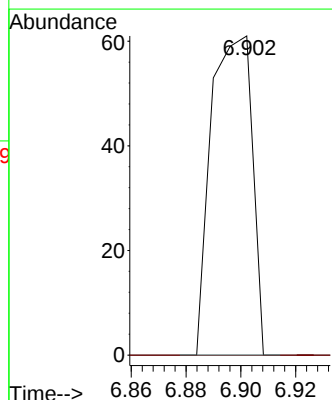
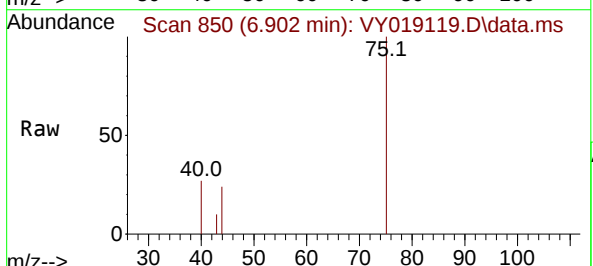
Acq: 19 Aug 2024 16:04

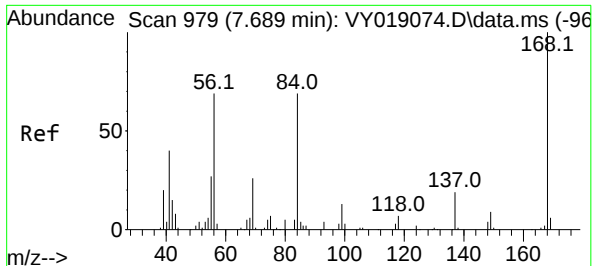
Tgt Ion: 43 Resp: 63

Ion Ratio Lower Upper

43 100

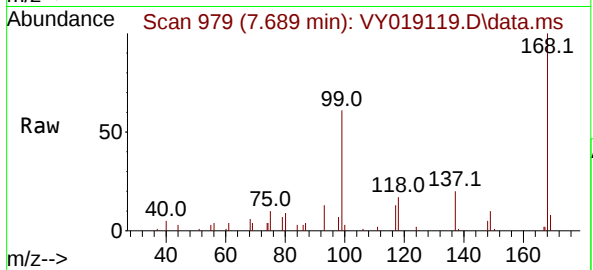
72 0.0 27.3 40.9#



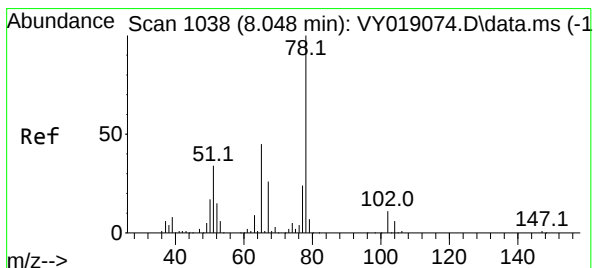
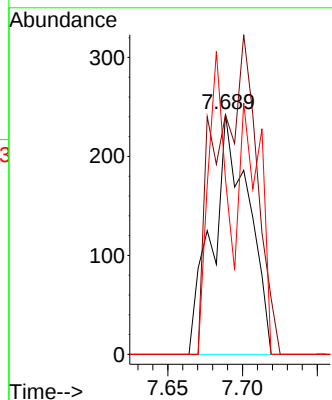
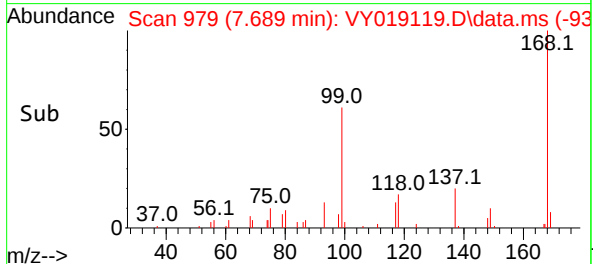


#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019119.D
Acq: 19 Aug 2024 16:04

Instrument :
MSVOA_Y
ClientSampleId :

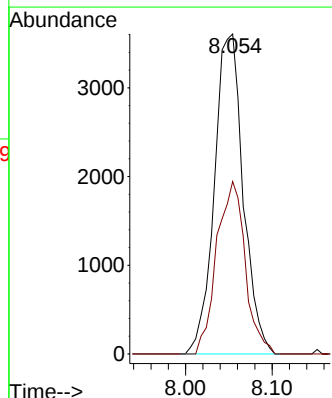
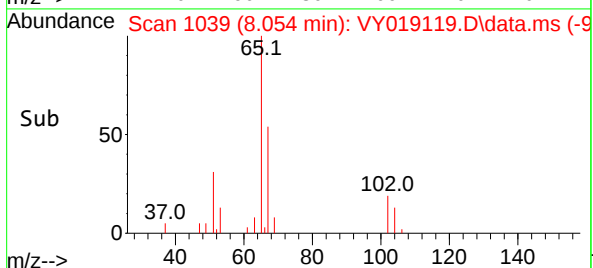
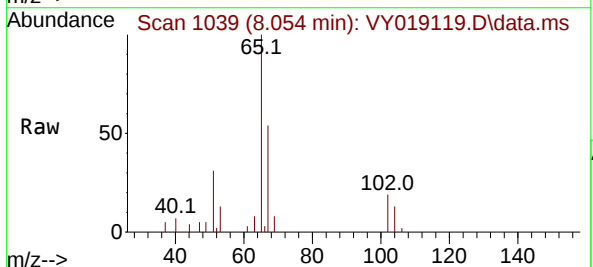


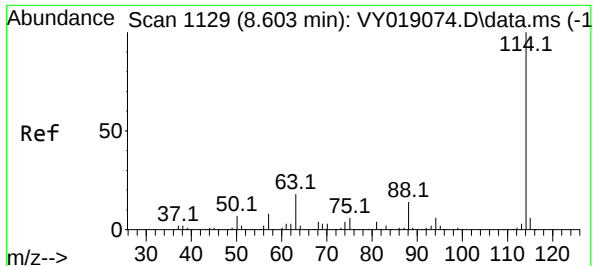
Tgt Ion: 56 Resp: 409
Ion Ratio Lower Upper
56 100
69 99.6 28.7 43.1#
84 72.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 46.114 ug/l
RT: 8.054 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019119.D
Acq: 19 Aug 2024 16:04

Tgt Ion: 65 Resp: 8341
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY019119.D

Acq: 19 Aug 2024 16:04

Instrument :

MSVOA_Y

ClientSampleId :

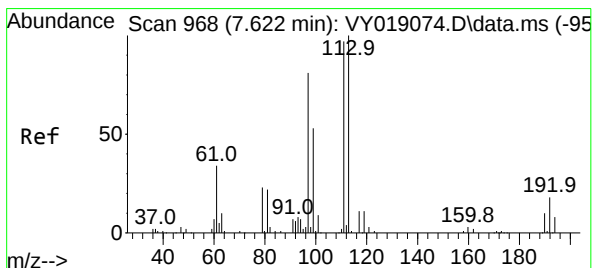
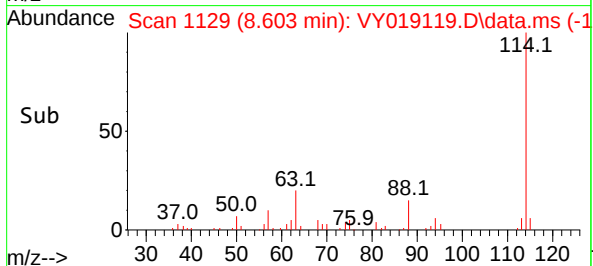
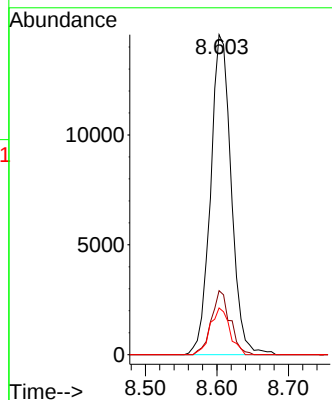
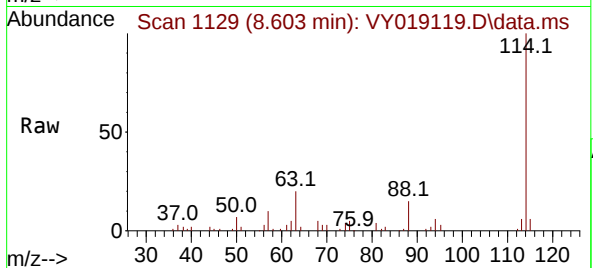
Tgt Ion:114 Resp: 29209

Ion Ratio Lower Upper

114 100

63 20.0 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.517 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019119.D

Acq: 19 Aug 2024 16:04

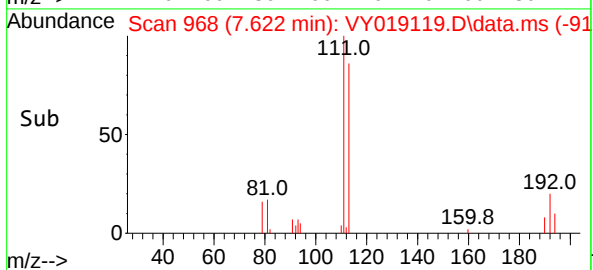
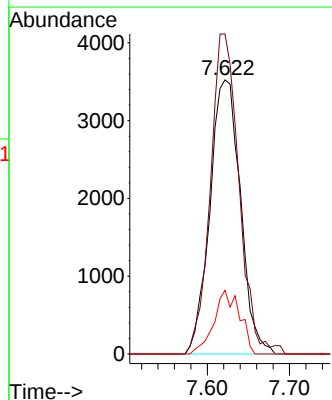
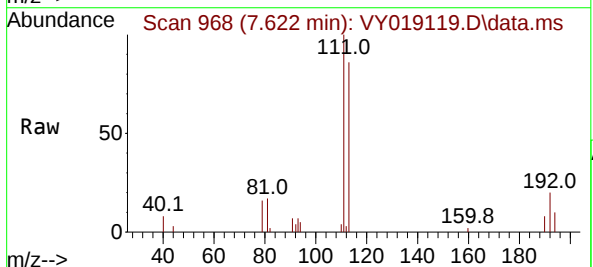
Tgt Ion:113 Resp: 9075

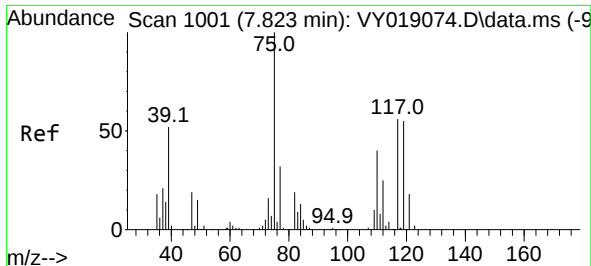
Ion Ratio Lower Upper

113 100

111 109.5 82.2 123.4

192 19.7 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.781 ug/l

RT: 7.695 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY019119.D

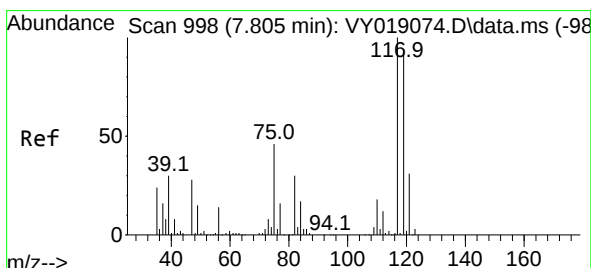
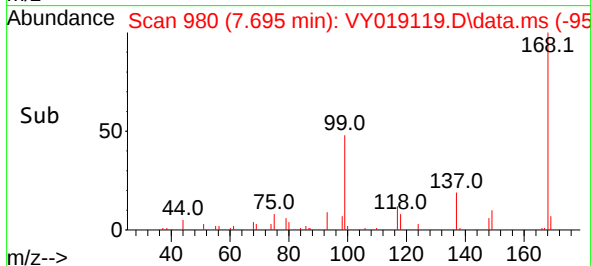
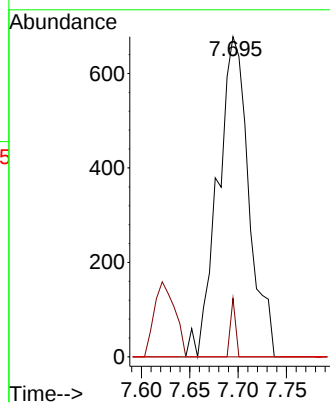
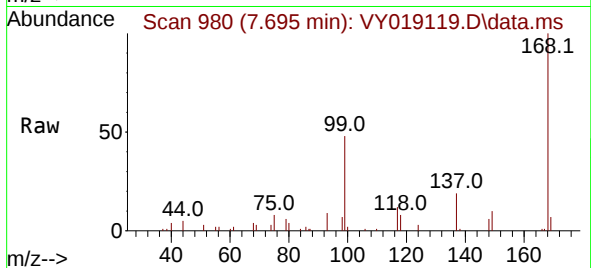
Acq: 19 Aug 2024 16:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 1516
Ion Ratio	Lower Upper
75 100	
110 3.0	19.0 57.0#
77 0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.682 ug/l

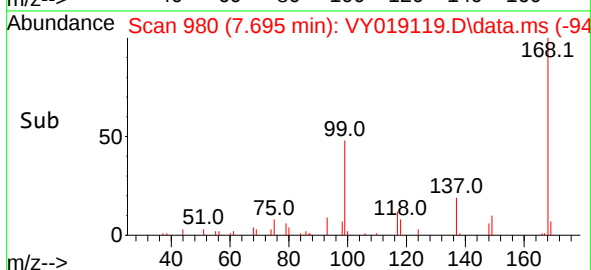
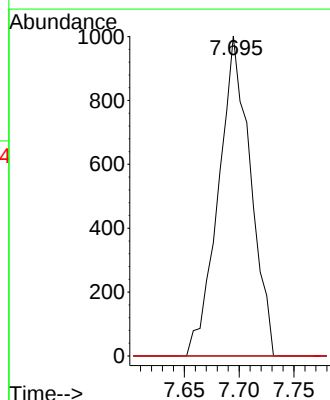
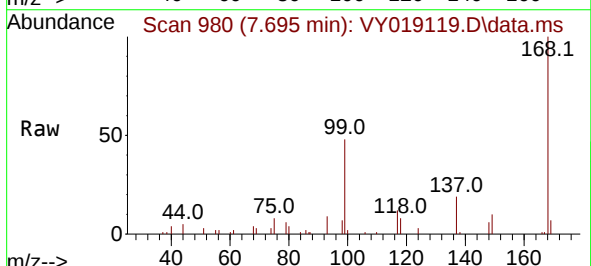
RT: 7.695 min Scan# 980

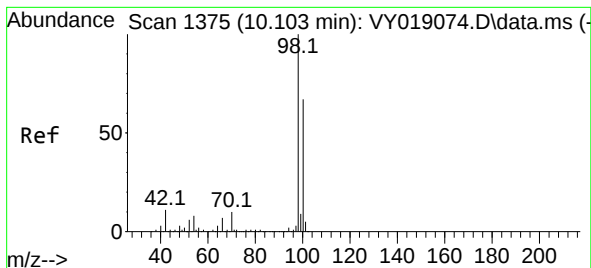
Delta R.T. -0.110 min

Lab File: VY019119.D

Acq: 19 Aug 2024 16:04

Tgt Ion: 117	Resp: 2031
Ion Ratio	Lower Upper
117 100	
119 0.0	75.8 113.6#
121 0.0	24.0 36.0#





#50

Toluene-d8

Concen: 43.833 ug/l

RT: 10.103 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY019119.D

Acq: 19 Aug 2024 16:04

Instrument :

MSVOA_Y

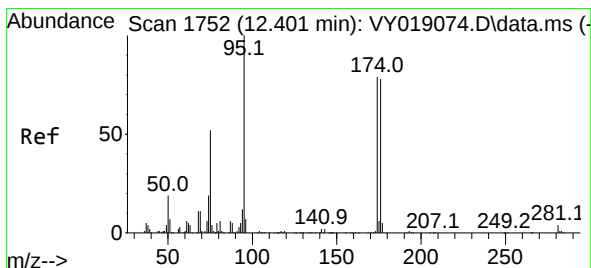
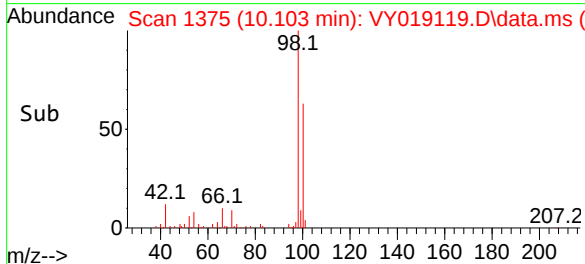
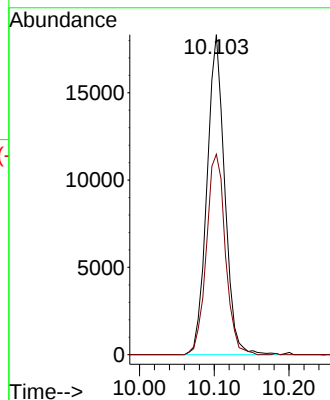
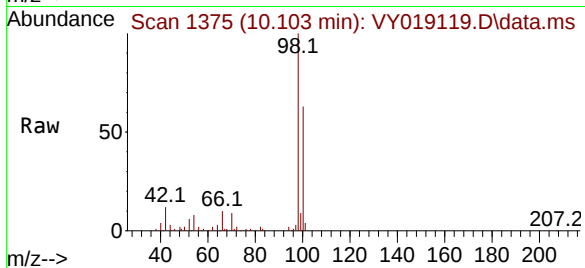
ClientSampleId :

Tgt Ion: 98 Resp: 30126

Ion Ratio Lower Upper

98 100

100 67.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 31.930 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019119.D

Acq: 19 Aug 2024 16:04

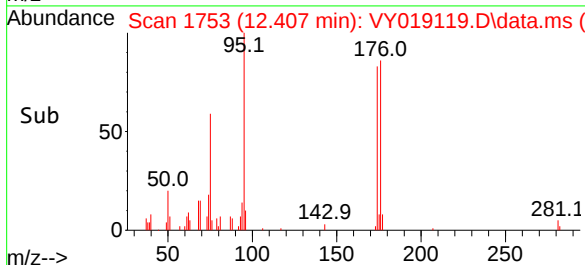
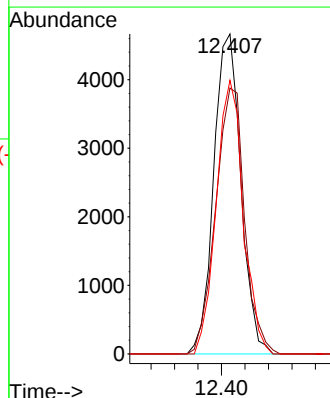
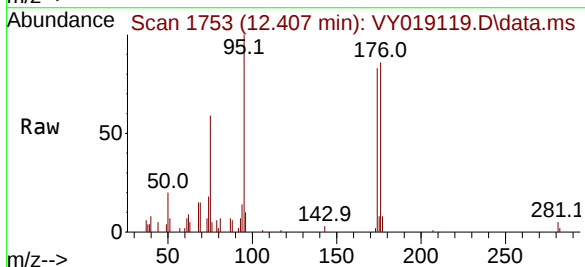
Tgt Ion: 95 Resp: 7481

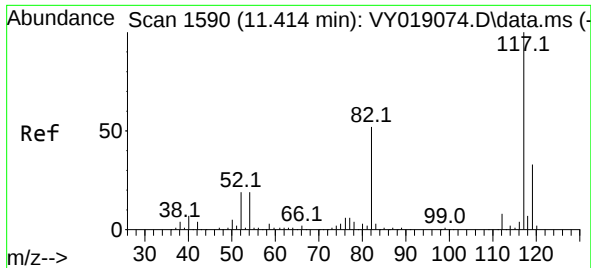
Ion Ratio Lower Upper

95 100

174 88.6 0.0 175.6

176 85.1 0.0 171.4

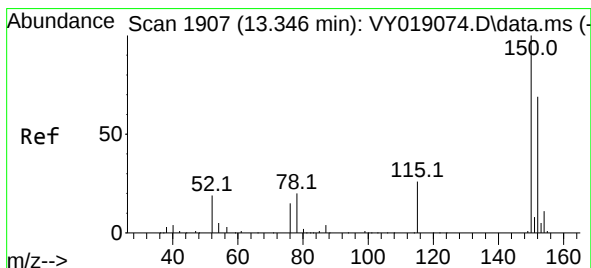
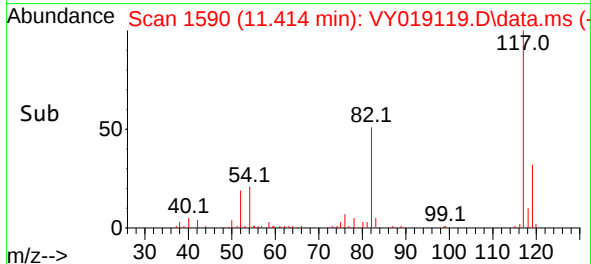
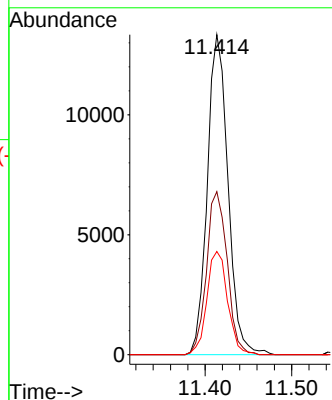
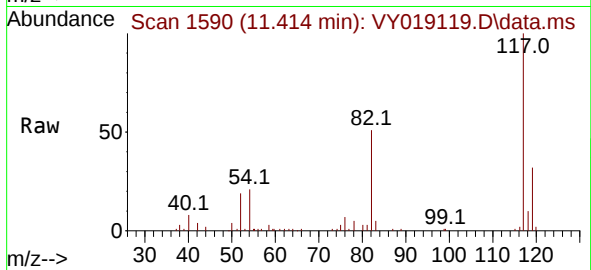




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY019119.D
Acq: 19 Aug 2024 16:04

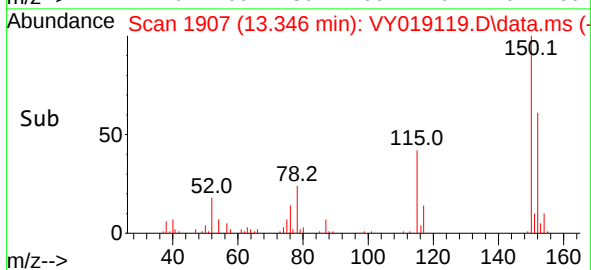
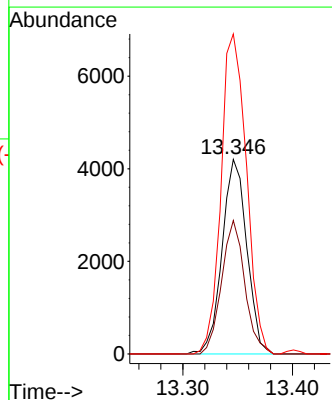
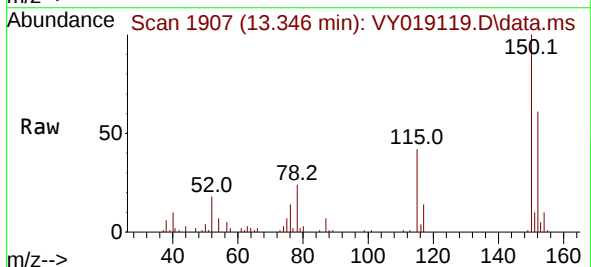
Instrument :
MSVOA_Y
ClientSampleId :

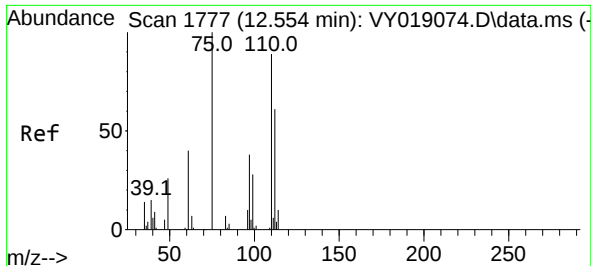
Tgt Ion:117 Resp: 22134
Ion Ratio Lower Upper
117 100
82 50.9 42.4 63.6
119 32.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019119.D
Acq: 19 Aug 2024 16:04

Tgt Ion:152 Resp: 6570
Ion Ratio Lower Upper
152 100
115 64.7 28.2 84.7
150 169.0 0.0 345.6

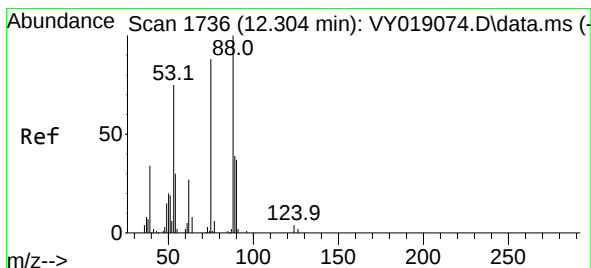
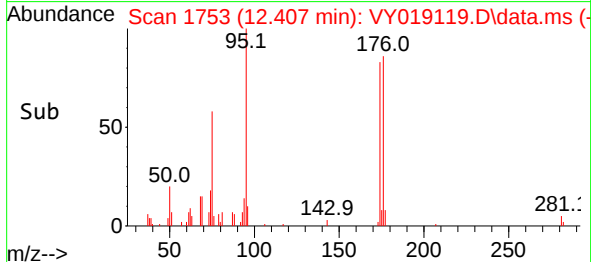
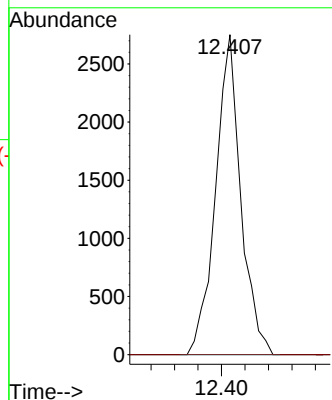
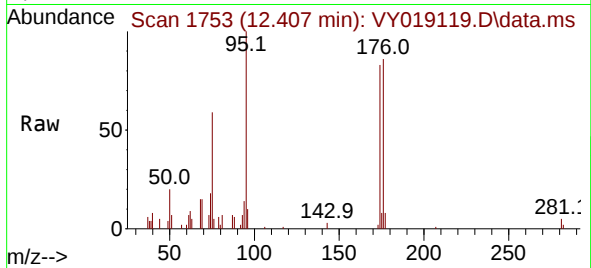




#76
1,2,3-Trichloropropane
Concen: 63.326 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019119.D
Acq: 19 Aug 2024 16:04

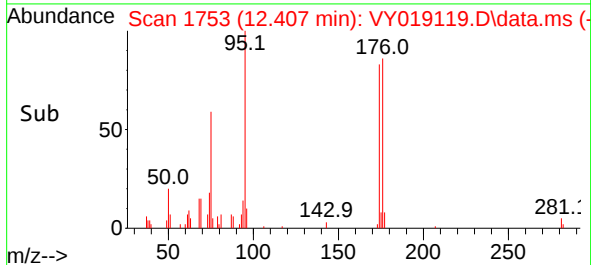
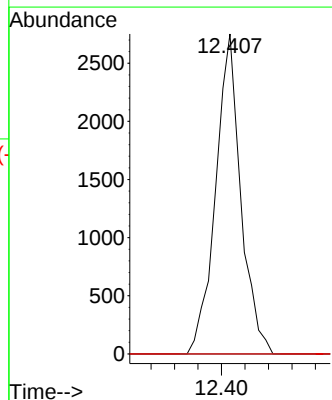
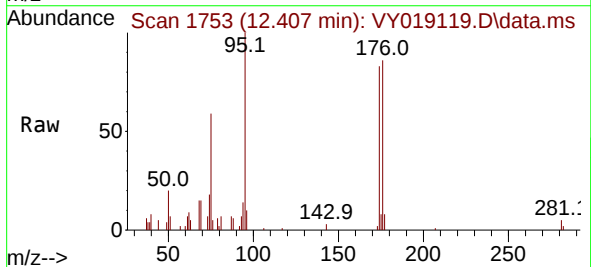
Instrument :
MSVOA_Y
ClientSampleId :

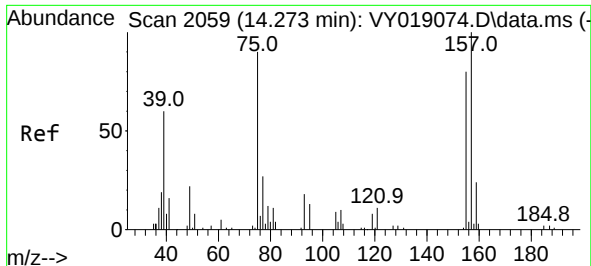
Tgt Ion: 75 Resp: 4103
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 156.393 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019119.D
Acq: 19 Aug 2024 16:04

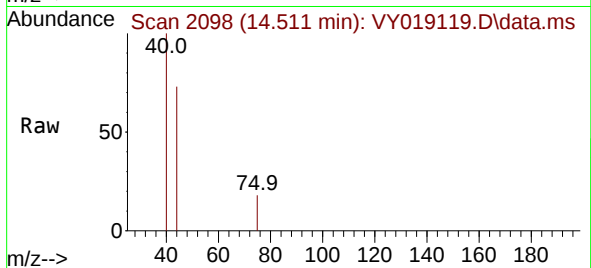
Tgt Ion: 75 Resp: 4103
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.441 ug/l
 RT: 14.511 min Scan# 20
 Delta R.T. 0.238 min
 Lab File: VY019119.D
 Acq: 19 Aug 2024 16:04

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 19
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.6 145.8#
 157 0.0 62.7 188.2#

