

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019046.D
 Acq On : 14 Aug 2024 09:47
 Operator : SY/MD
 Sample : VY0814SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 14 21:42:14 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

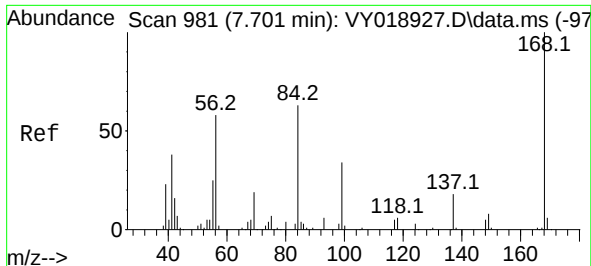
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.695	168	58577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	103389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	88380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	35592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	26152	50.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.700%
35) Dibromofluoromethane	7.622	113	32692	49.508	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.020%
50) Toluene-d8	10.103	98	123074	48.524	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.407	95	29245	38.864	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	77.720%
Target Compounds						
					Qvalue	
3) Chloromethane	2.062	50	50	Below Cal	#	43
11) Tert butyl alcohol	4.817	59	470	Below Cal	#	88
16) Acetone	3.866	43	50	12.884	ug/l #	36
20) Methylene Chloride	4.598	84	1121	Below Cal	#	78
25) 2-Butanone	6.878	43	224	1.345	ug/l #	41
31) Cyclohexane	7.695	56	1467	Below Cal	#	53
36) 1,1-Dichloropropene	7.701	75	4108	4.634	ug/l #	47
38) Carbon Tetrachloride	7.695	117	5453	5.365	ug/l #	16
41) Methacrylonitrile	7.244	41	25	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.103	43	602	1.417	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	18170	68.526	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	18170	141.204	ug/l #	16

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

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Quant Title : SW846 8260
QLast Update : Fri Aug 09 04:24:33 2024
Response via : Initial Calibration

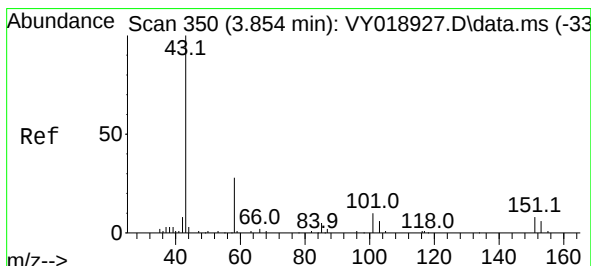
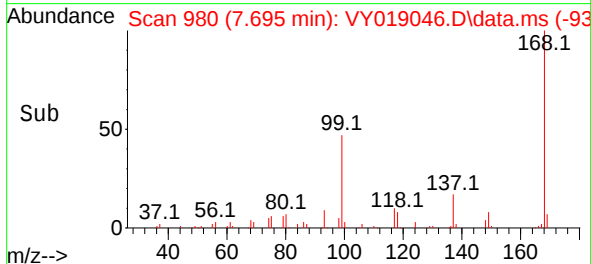
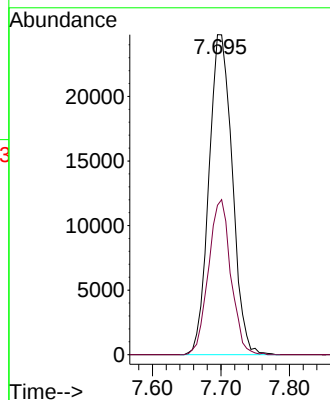
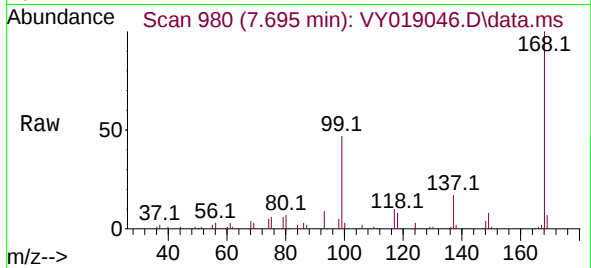




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019046.D
Acq: 14 Aug 2024 09:47

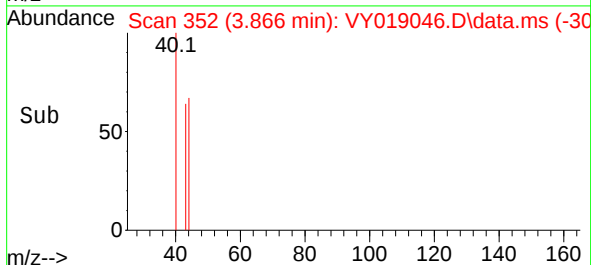
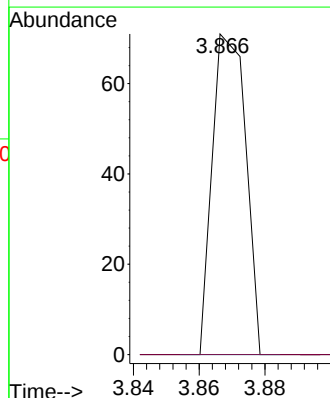
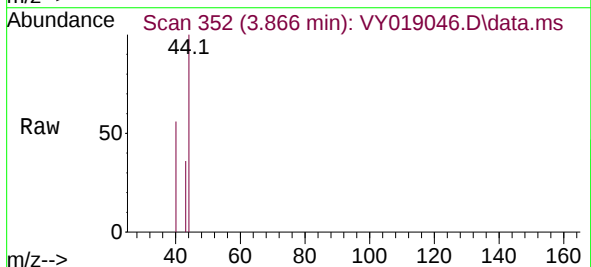
Instrument :
MSVOA_Y
ClientSampleId :

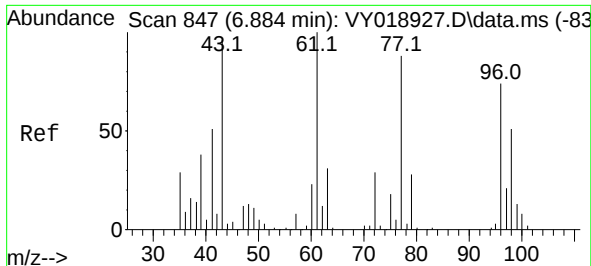
Tgt Ion:168 Resp: 58577
Ion Ratio Lower Upper
168 100
99 46.7 39.1 58.7



#16
Acetone
Concen: 12.884 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY019046.D
Acq: 14 Aug 2024 09:47

Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#25

2-Butanone

Concen: 1.345 ug/l

RT: 6.878 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY019046.D

Acq: 14 Aug 2024 09:47

Instrument :

MSVOA_Y

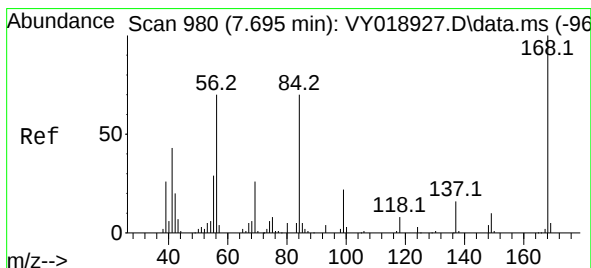
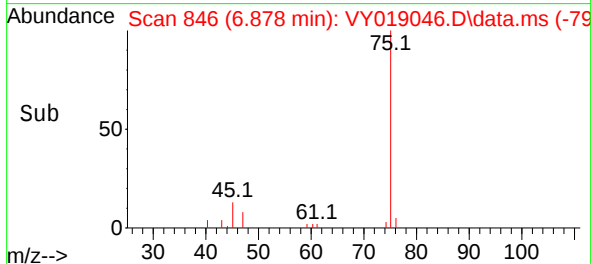
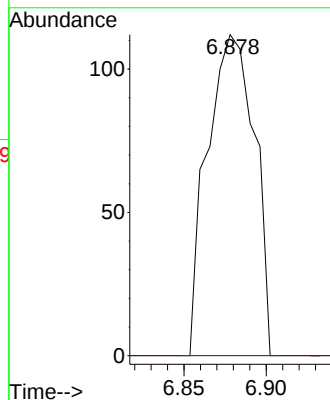
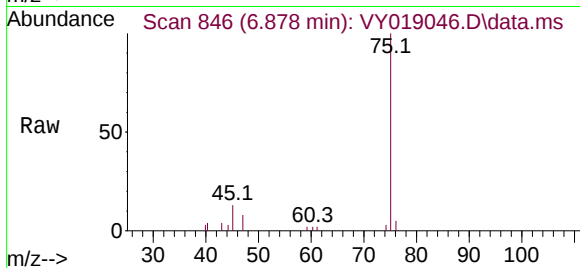
ClientSampleId :

Tgt Ion: 43 Resp: 224

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: Below Cal

RT: 7.695 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY019046.D

Acq: 14 Aug 2024 09:47

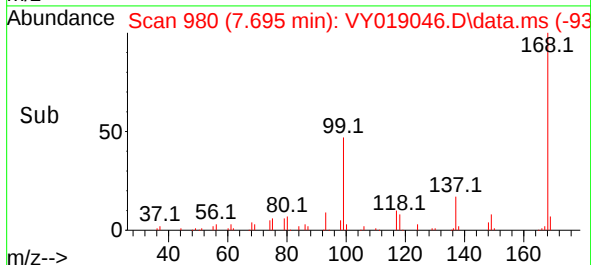
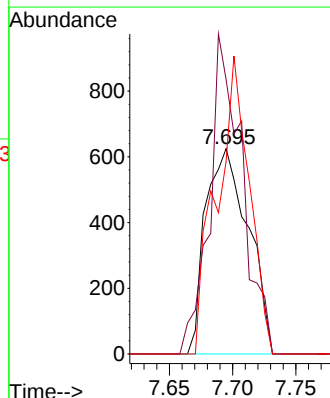
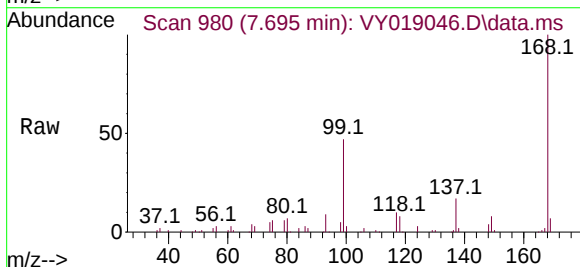
Tgt Ion: 56 Resp: 1467

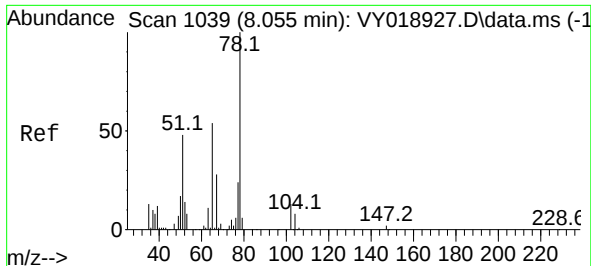
Ion Ratio Lower Upper

56 100

69 133.6 28.7 43.1#

84 93.9 77.7 116.5

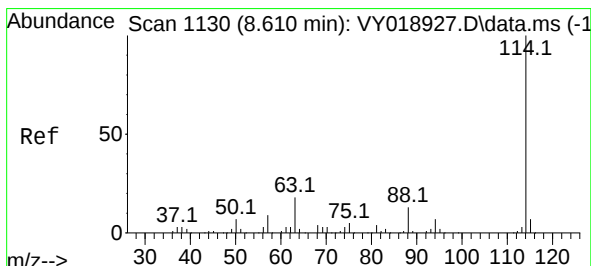
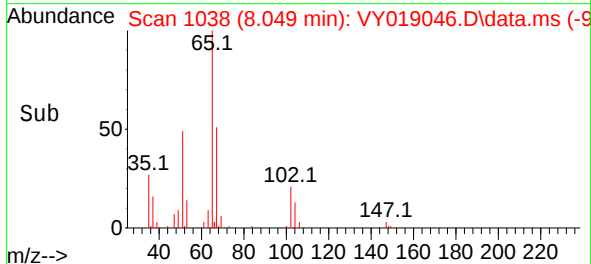
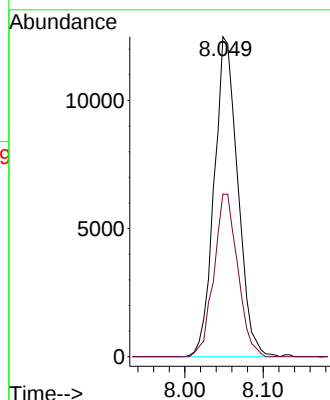
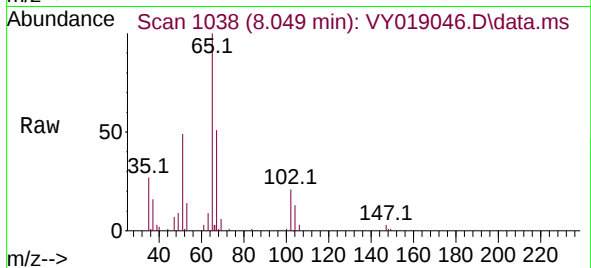




#33
1,2-Dichloroethane-d4
Concen: 50.850 ug/l
RT: 8.049 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VY019046.D
Acq: 14 Aug 2024 09:47

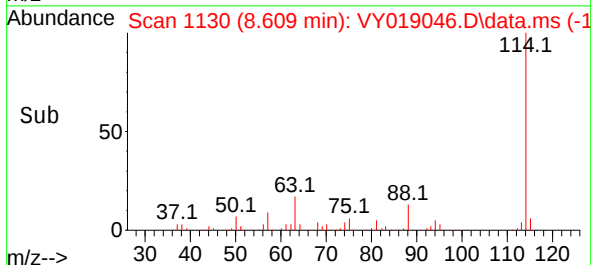
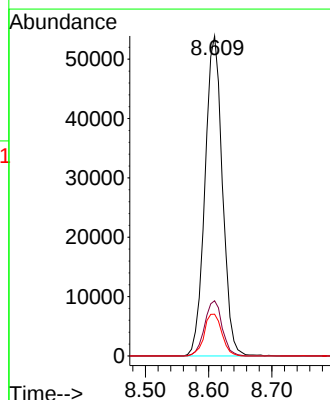
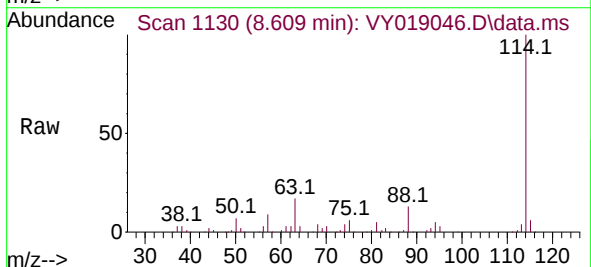
Instrument :
MSVOA_Y
ClientSampleId :

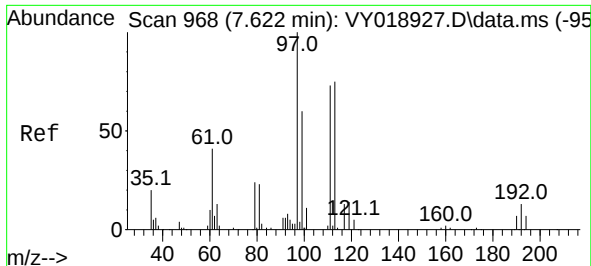
Tgt Ion: 65 Resp: 26152
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VY019046.D
Acq: 14 Aug 2024 09:47

Tgt Ion:114 Resp: 103389
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.0
88 13.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.508 ug/l

RT: 7.622 min Scan# 9

Delta R.T. -0.000 min

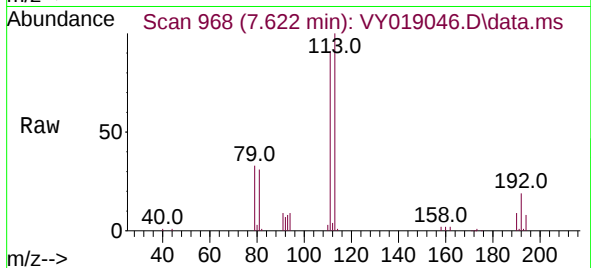
Lab File: VY019046.D

Acq: 14 Aug 2024 09:47

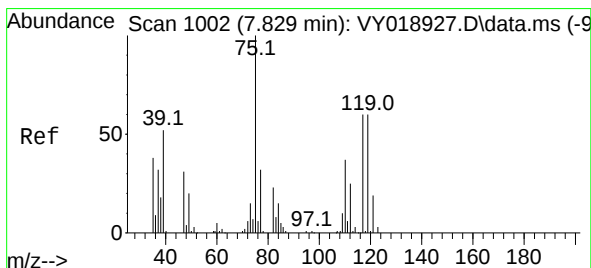
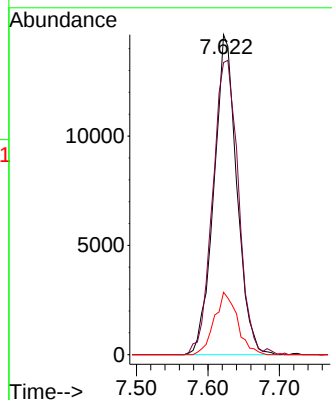
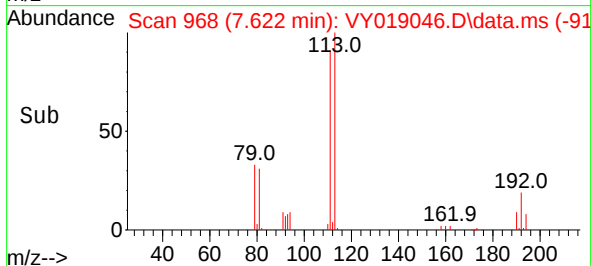
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	113	Resp:	32692
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	19.6	15.9	23.9



#36

1,1-Dichloropropene

Concen: 4.634 ug/l

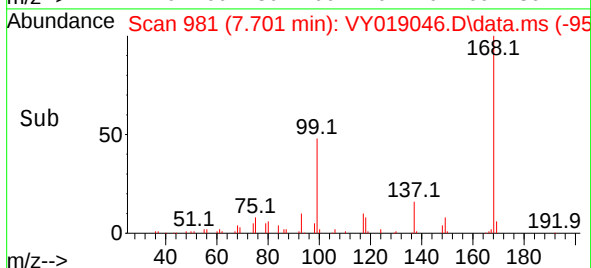
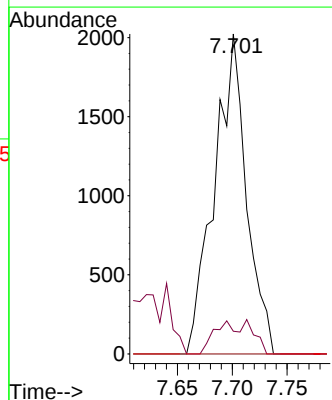
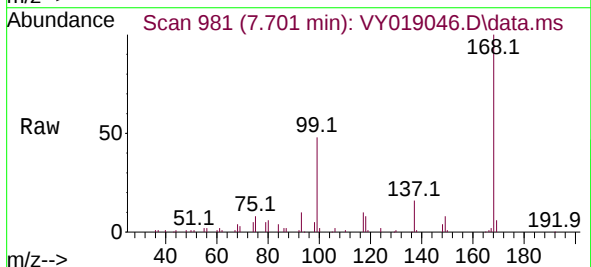
RT: 7.701 min Scan# 981

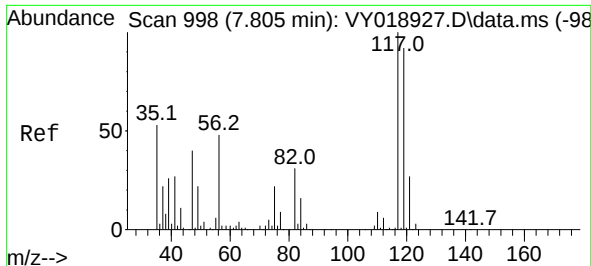
Delta R.T. -0.128 min

Lab File: VY019046.D

Acq: 14 Aug 2024 09:47

Tgt Ion:	75	Resp:	4108
Ion	Ratio	Lower	Upper
75	100		
110	7.7	19.0	57.0#
77	0.0	25.3	37.9#





#38

Carbon Tetrachloride

Concen: 5.365 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.110 min

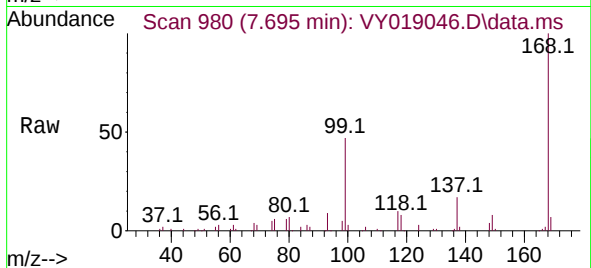
Lab File: VY019046.D

Acq: 14 Aug 2024 09:47

Instrument :

MSVOA_Y

ClientSampleId :



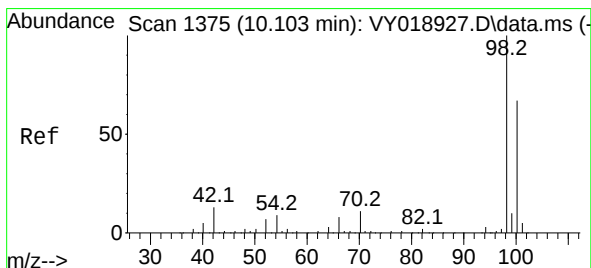
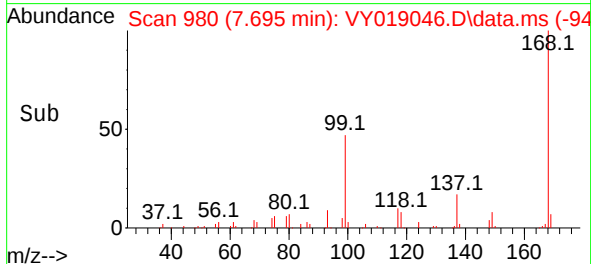
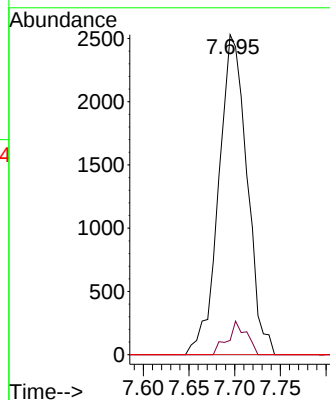
Tgt Ion:117 Resp: 5453

Ion Ratio Lower Upper

117 100

119 4.4 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 48.524 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019046.D

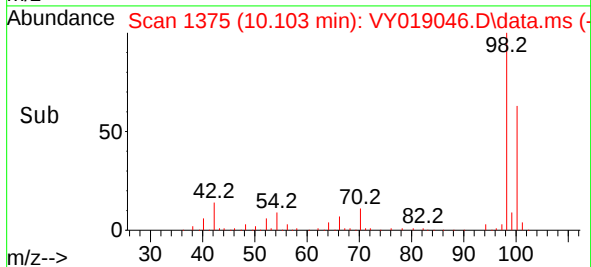
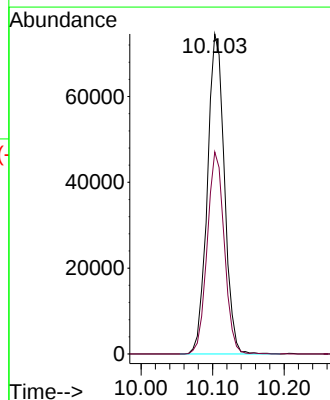
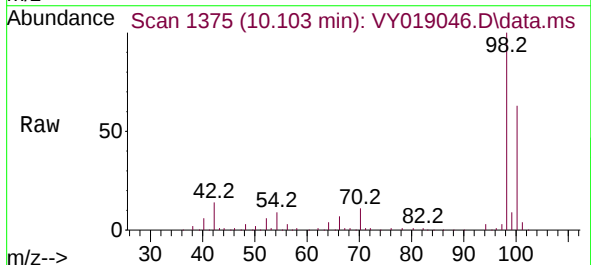
Acq: 14 Aug 2024 09:47

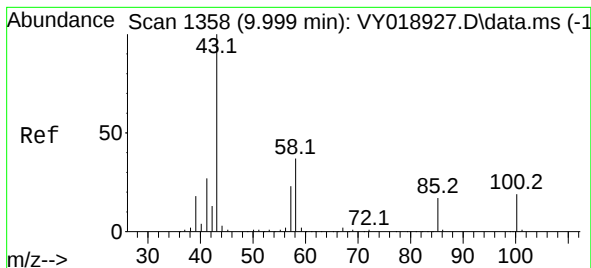
Tgt Ion: 98 Resp: 123074

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.417 ug/l

RT: 10.103 min Scan# 1358

Delta R.T. 0.104 min

Lab File: VY019046.D

Acq: 14 Aug 2024 09:47

Instrument :

MSVOA_Y

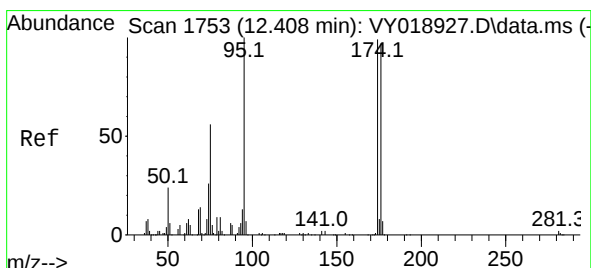
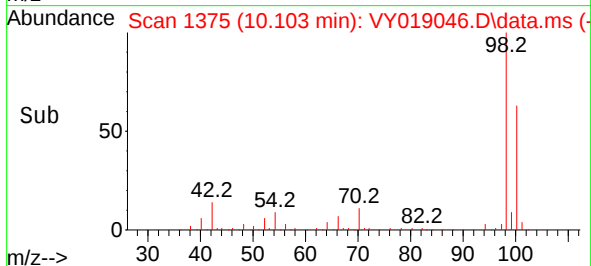
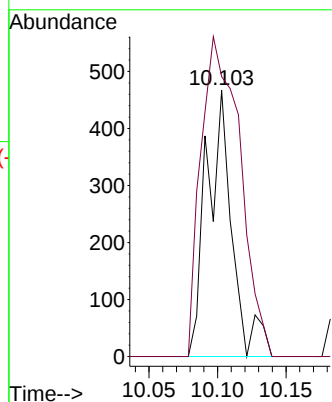
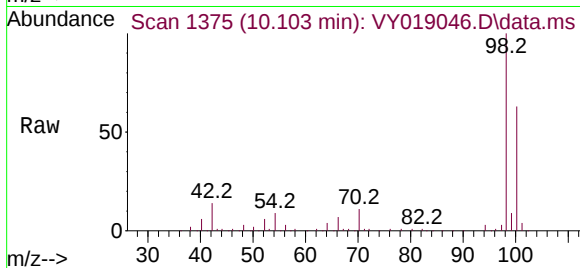
ClientSampleId :

Tgt Ion: 43 Resp: 602

Ion Ratio Lower Upper

43 100

58 184.9 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 38.864 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.001 min

Lab File: VY019046.D

Acq: 14 Aug 2024 09:47

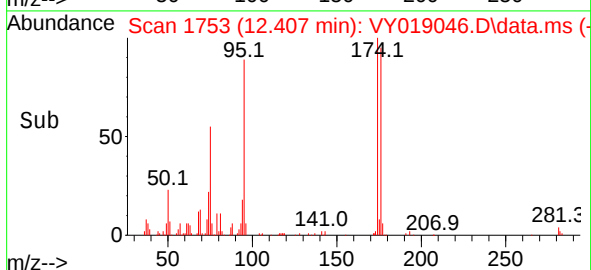
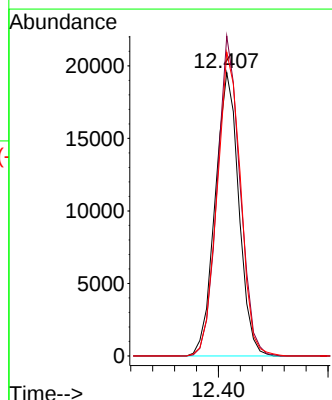
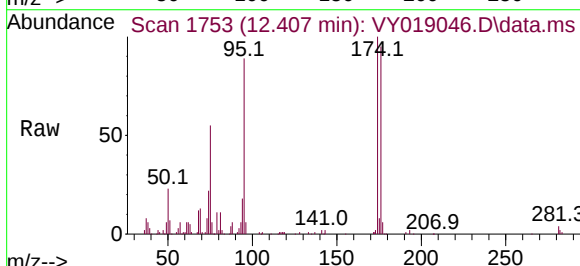
Tgt Ion: 95 Resp: 29245

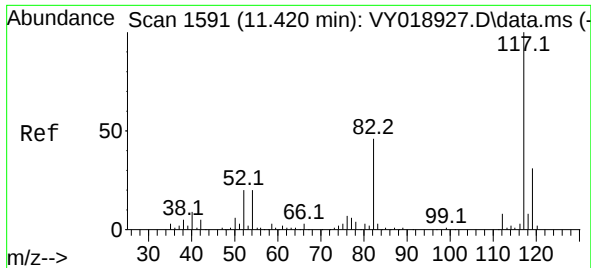
Ion Ratio Lower Upper

95 100

174 108.3 0.0 175.6

176 106.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019046.D

Acq: 14 Aug 2024 09:47

Instrument :

MSVOA_Y

ClientSampleId :

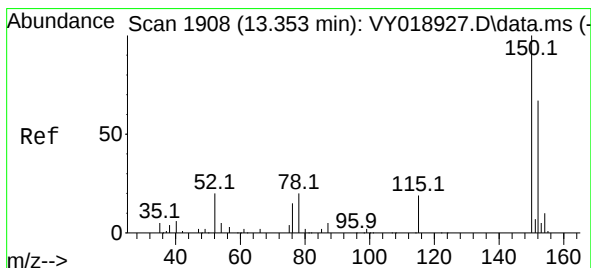
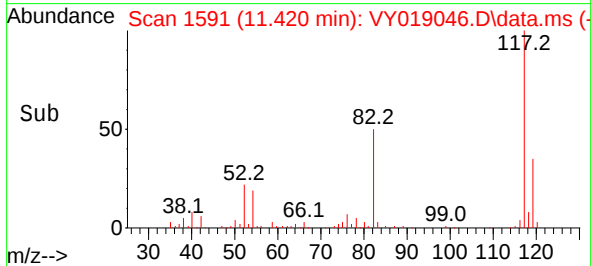
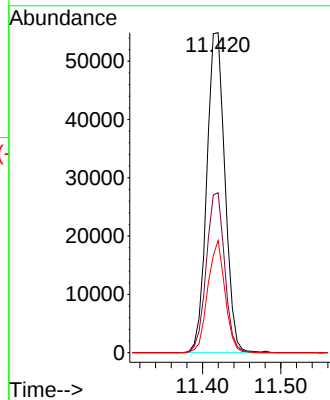
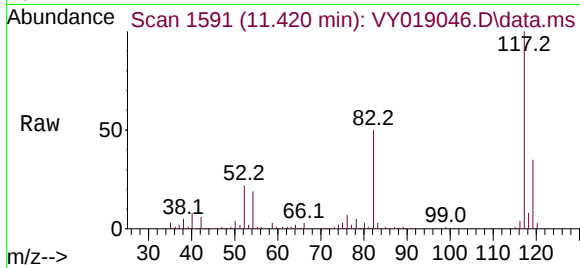
Tgt Ion:117 Resp: 88380

Ion Ratio Lower Upper

117 100

82 50.0 42.4 63.6

119 35.0 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: VY019046.D

Acq: 14 Aug 2024 09:47

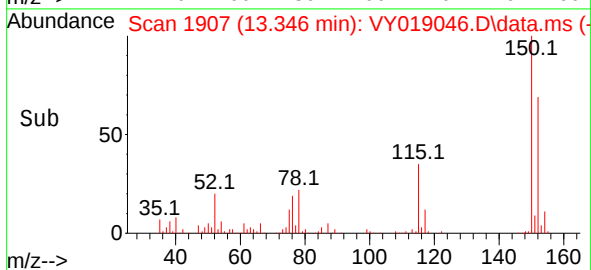
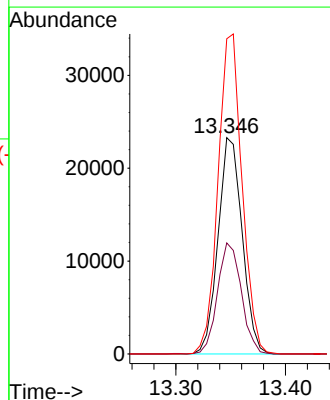
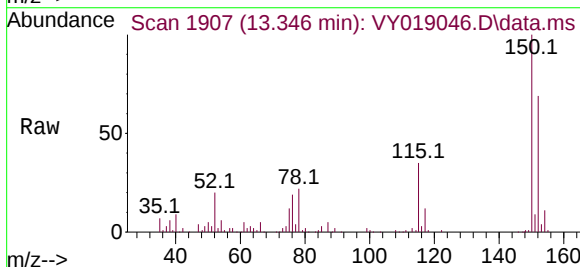
Tgt Ion:152 Resp: 35592

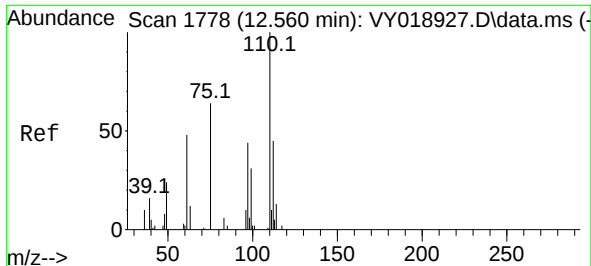
Ion Ratio Lower Upper

152 100

115 50.7 28.2 84.7

150 147.3 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 68.526 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.153 min

Lab File: VY019046.D

Acq: 14 Aug 2024 09:47

Instrument :

MSVOA_Y

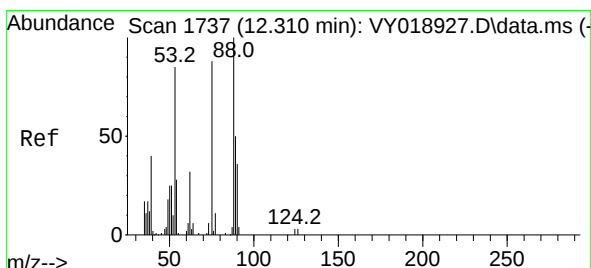
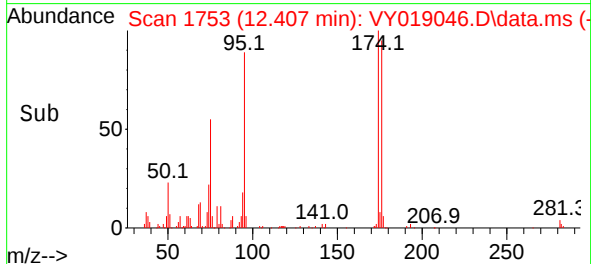
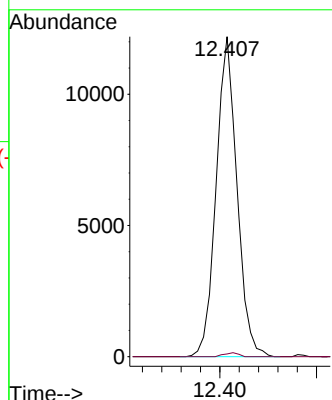
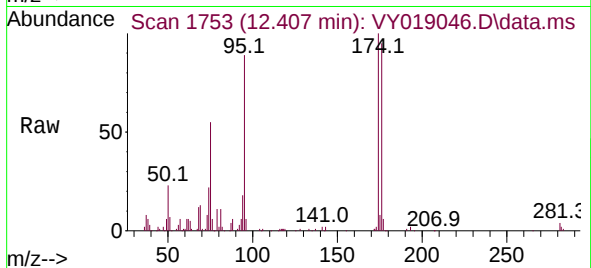
ClientSampleId :

Tgt Ion: 75 Resp: 18170

Ion Ratio Lower Upper

75 100

77 0.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 141.204 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.097 min

Lab File: VY019046.D

Acq: 14 Aug 2024 09:47

Tgt Ion: 75 Resp: 18170

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.5 35.8 53.6#

