

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019064.D
 Acq On : 14 Aug 2024 17:30
 Operator : SY/MD
 Sample : P3580-05
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 14 21:48:56 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)

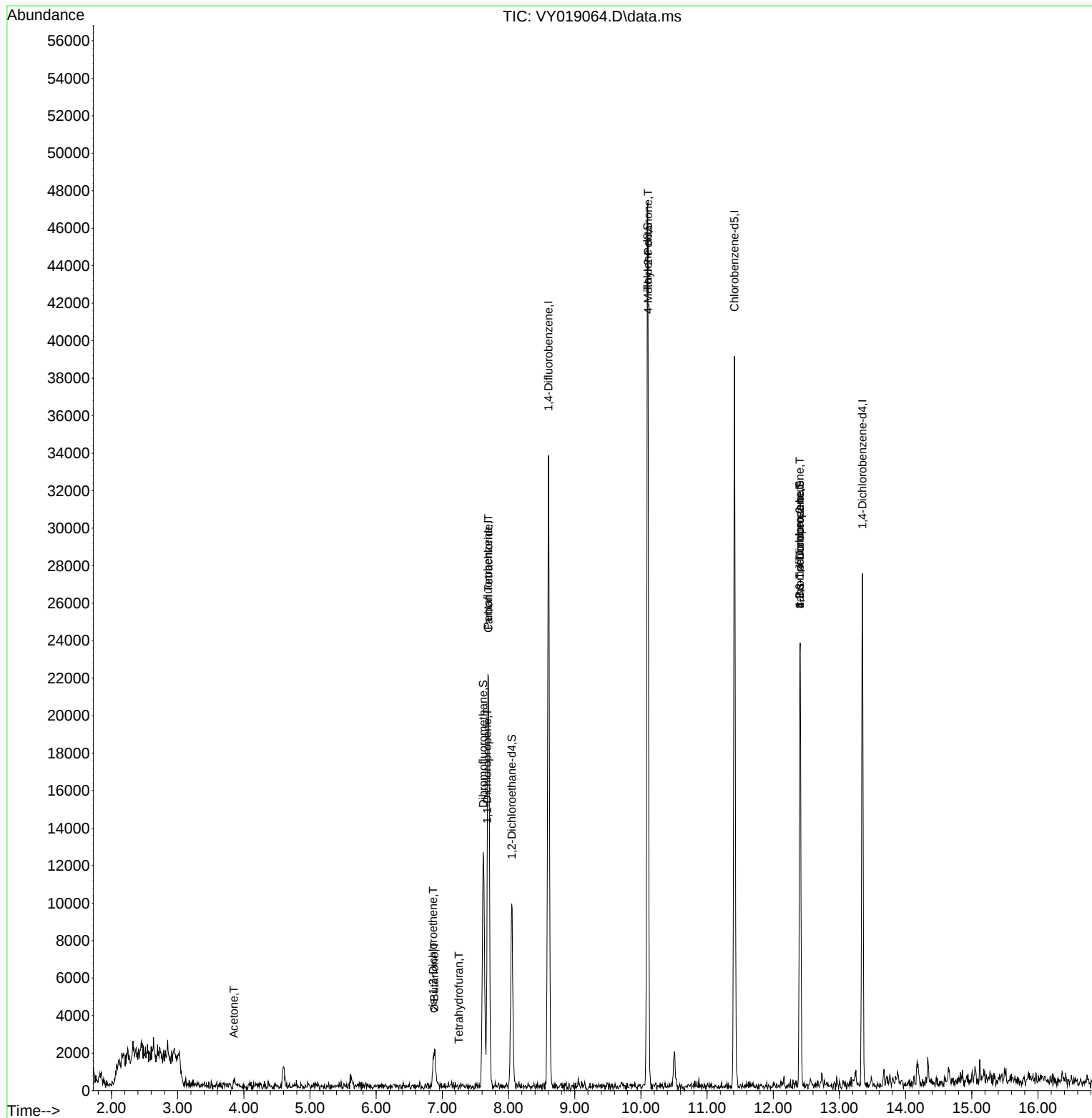
Internal Standards						
1) Pentafluorobenzene	7.689	168	18737	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.603	114	27351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	18692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	6394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	6104	37.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.200%
35) Dibromofluoromethane	7.616	113	7965	45.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.200%
50) Toluene-d8	10.103	98	29780	44.383	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.760%
62) 4-Bromofluorobenzene	12.402	95	5661	28.438	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	56.880%
Target Compounds						
					Qvalue	
3) Chloromethane	2.074	50	19	Below Cal	#	43
16) Acetone	3.848	43	280	18.782	ug/l #	36
20) Methylene Chloride	4.586	84	630	Below Cal	#	88
25) 2-Butanone	6.878	43	269	5.050	ug/l #	41
27) cis-1,2-Dichloroethene	6.860	96	816	3.631	ug/l	48
29) Tetrahydrofuran	7.250	42	37	1.178	ug/l #	26
31) Cyclohexane	7.689	56	604	Below Cal	#	46
36) 1,1-Dichloropropene	7.677	75	1402	5.979	ug/l #	41
38) Carbon Tetrachloride	7.695	117	1635	6.081	ug/l #	13
51) 4-Methyl-2-Pentanone	10.109	43	222	1.975	ug/l #	1
76) 1,2,3-Trichloropropane	12.402	75	3540	74.316	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	3540	153.135	ug/l #	16

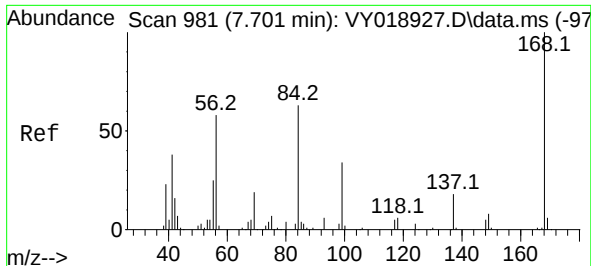
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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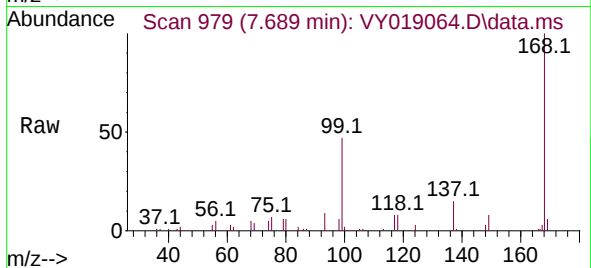
Quant Time: Aug 14 21:48:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 09 04:24:33 2024
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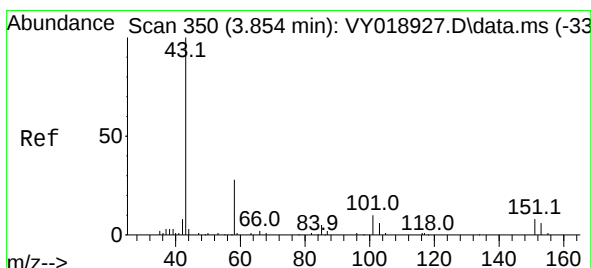
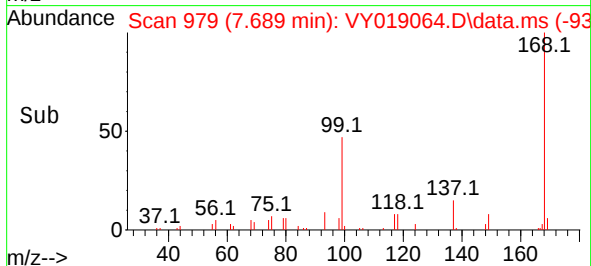
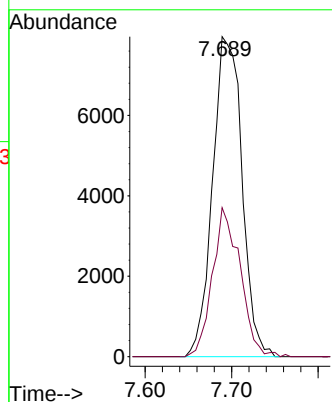


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY019064.D
Acq: 14 Aug 2024 17:30

Instrument :
MSVOA_Y
ClientSampleId :

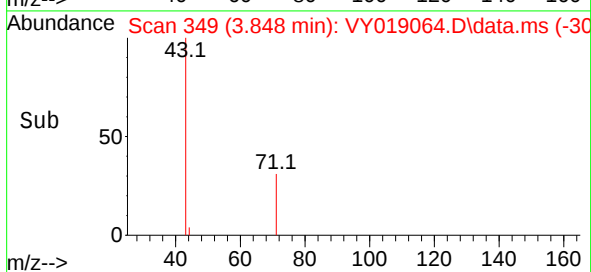
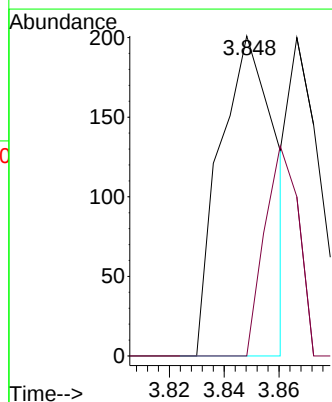
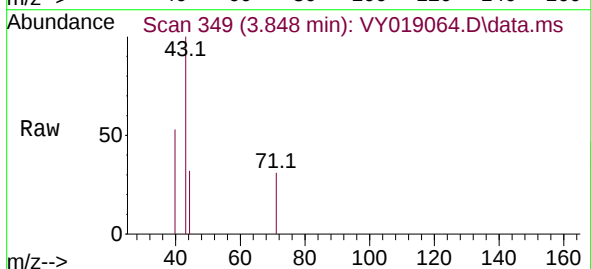


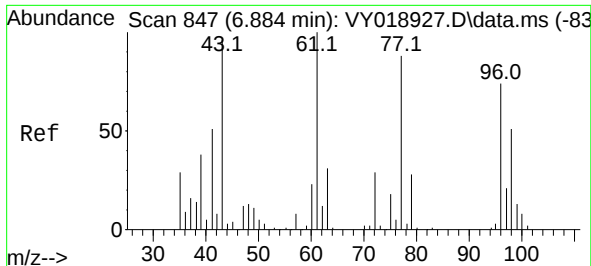
Tgt Ion:168 Resp: 18737
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#16
Acetone
Concen: 18.782 ug/l
RT: 3.848 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY019064.D
Acq: 14 Aug 2024 17:30

Tgt Ion: 43 Resp: 280
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#25

2-Butanone

Concen: 5.050 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

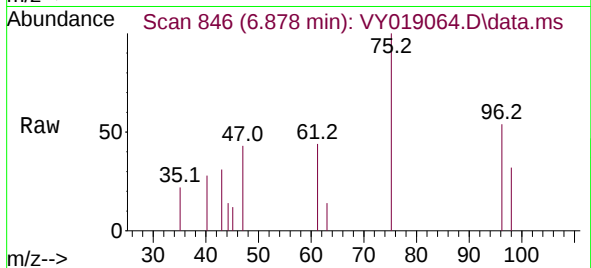
Lab File: VY019064.D

Acq: 14 Aug 2024 17:30

Instrument :

MSVOA_Y

ClientSampleId :

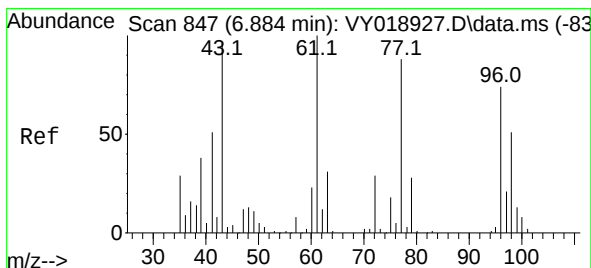
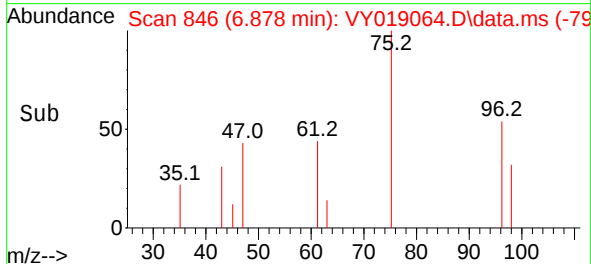
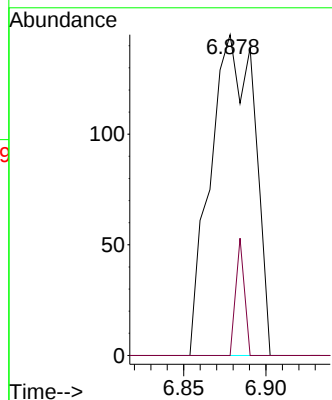


Tgt Ion: 43 Resp: 269

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#27

cis-1,2-Dichloroethene

Concen: 3.631 ug/l

RT: 6.860 min Scan# 843

Delta R.T. -0.024 min

Lab File: VY019064.D

Acq: 14 Aug 2024 17:30

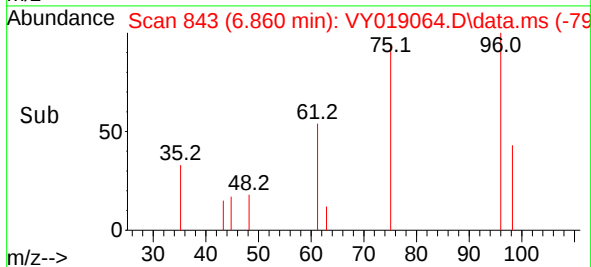
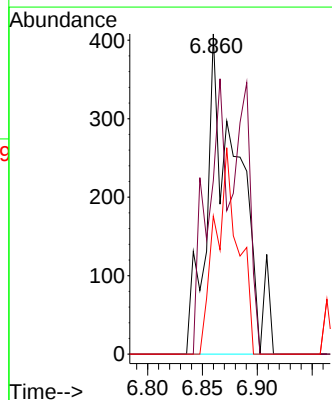
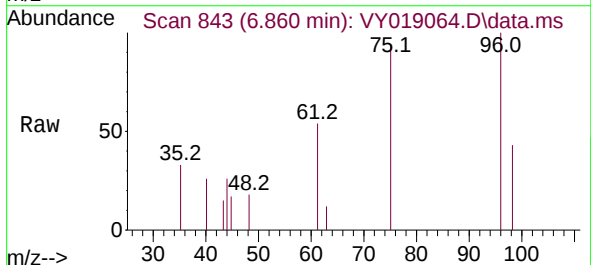
Tgt Ion: 96 Resp: 816

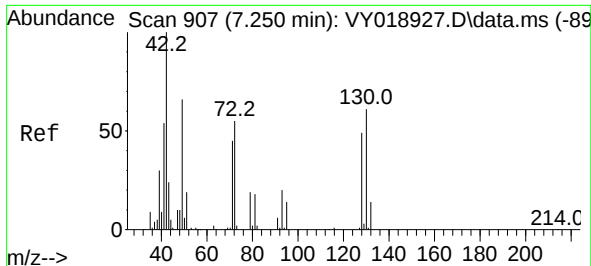
Ion Ratio Lower Upper

96 100

61 50.5 0.0 256.2

98 47.3 0.0 130.0





#29

Tetrahydrofuran

Concen: 1.178 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

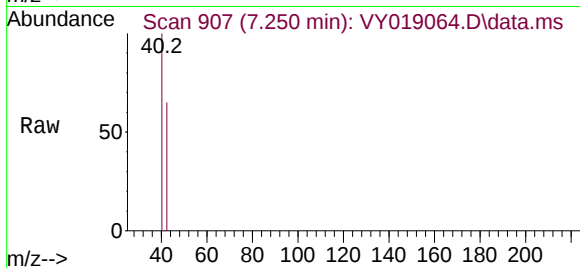
Lab File: VY019064.D

Acq: 14 Aug 2024 17:30

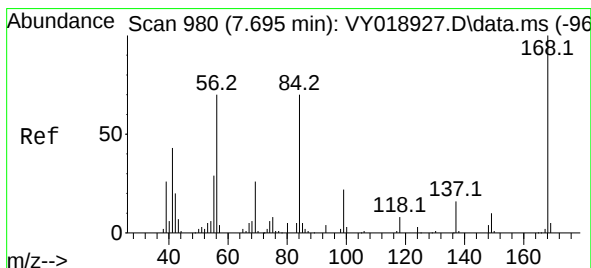
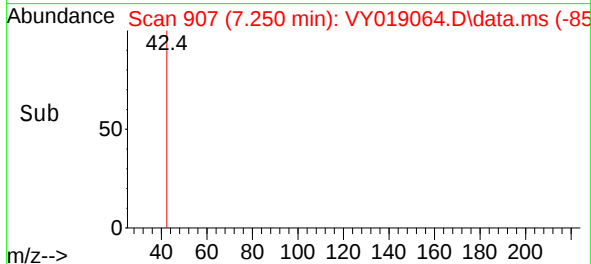
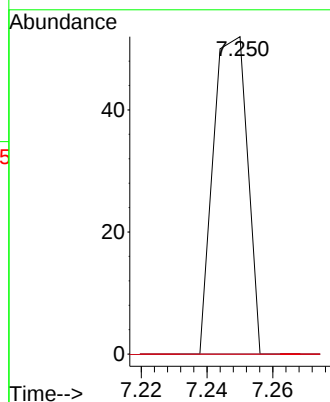
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	37
Ion Ratio	Lower	Upper	
42	100		
72	0.0	43.0	64.4#
71	0.0	40.8	61.2#



#31

Cyclohexane

Concen: Below Cal

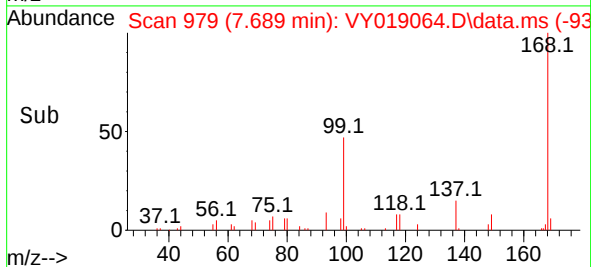
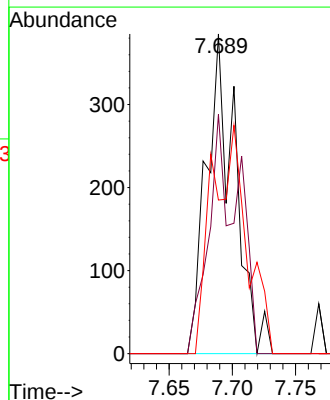
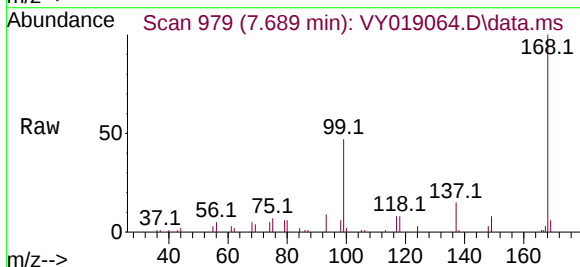
RT: 7.689 min Scan# 979

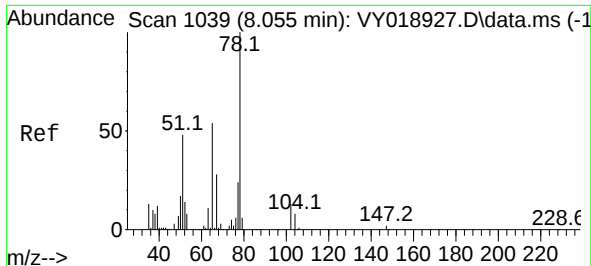
Delta R.T. -0.006 min

Lab File: VY019064.D

Acq: 14 Aug 2024 17:30

Tgt Ion:	56	Resp:	604
Ion Ratio	Lower	Upper	
56	100		
69	74.8	28.7	43.1#
84	48.1	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 37.104 ug/l

RT: 8.049 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY019064.D

Acq: 14 Aug 2024 17:30

Instrument :

MSVOA_Y

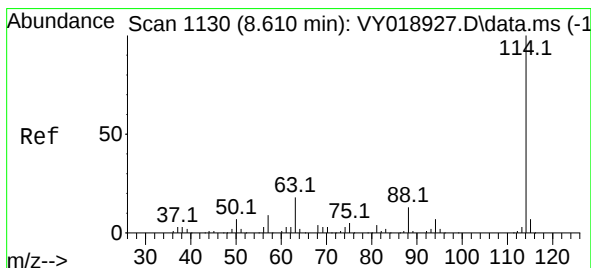
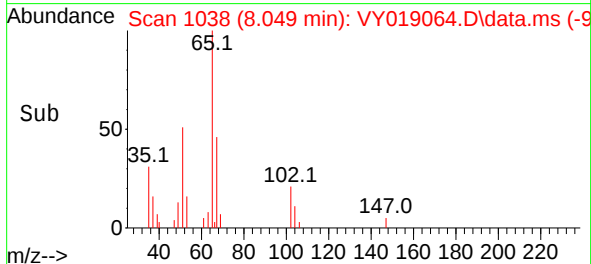
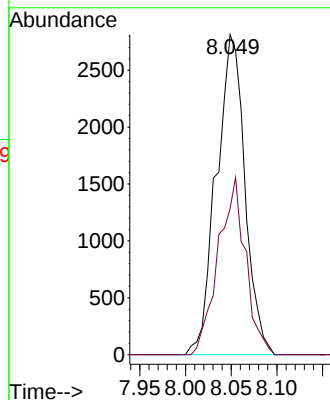
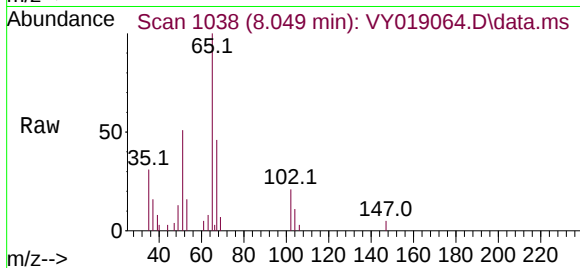
ClientSampleId :

Tgt Ion: 65 Resp: 6104

Ion Ratio Lower Upper

65 100

67 53.1 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: VY019064.D

Acq: 14 Aug 2024 17:30

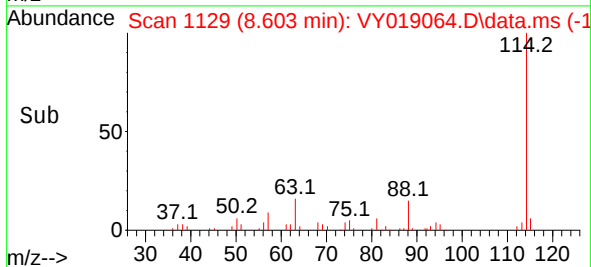
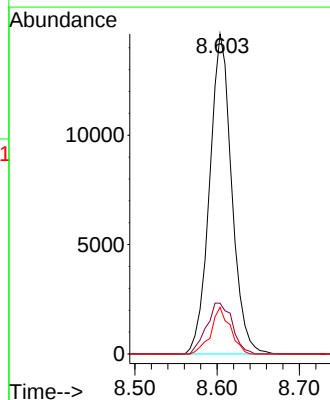
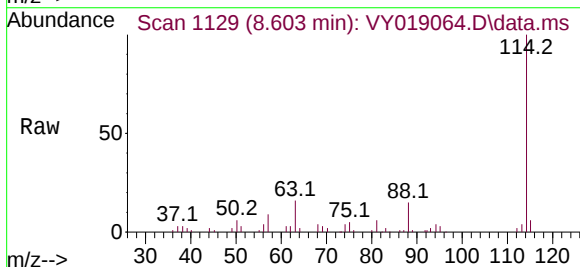
Tgt Ion: 114 Resp: 27351

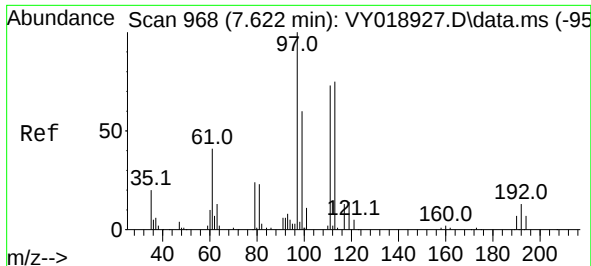
Ion Ratio Lower Upper

114 100

63 15.9 0.0 35.0

88 14.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 45.596 ug/l

RT: 7.616 min Scan# 9

Delta R.T. -0.006 min

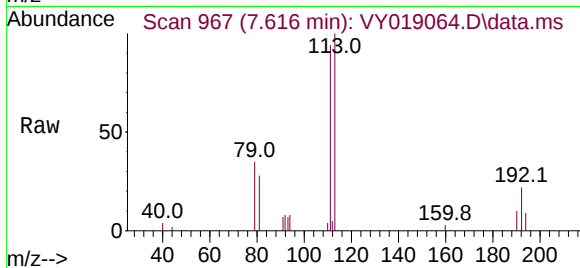
Lab File: VY019064.D

Acq: 14 Aug 2024 17:30

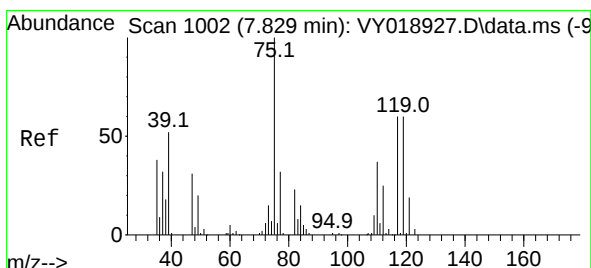
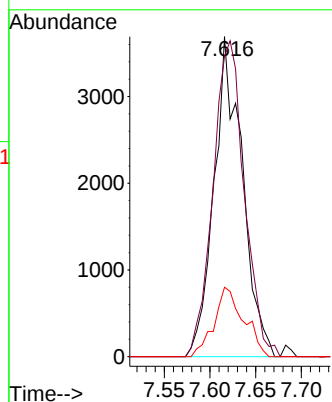
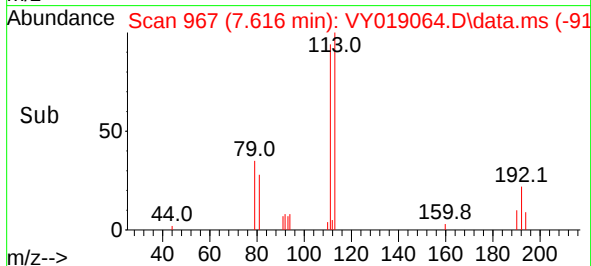
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	113	Resp:	7965
Ion	Ratio	Lower	Upper
113	100		
111	108.6	82.2	123.4
192	22.7	15.9	23.9



#36

1,1-Dichloropropene

Concen: 5.979 ug/l

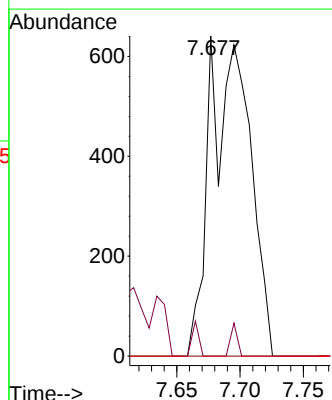
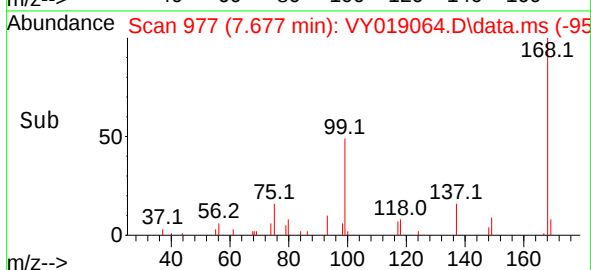
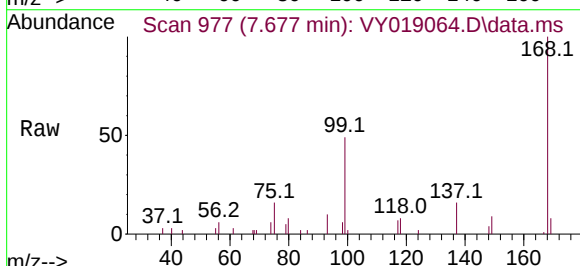
RT: 7.677 min Scan# 977

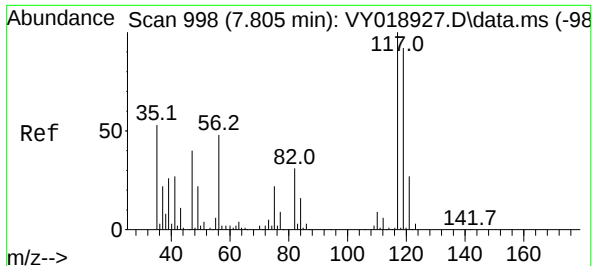
Delta R.T. -0.152 min

Lab File: VY019064.D

Acq: 14 Aug 2024 17:30

Tgt Ion:	75	Resp:	1402
Ion	Ratio	Lower	Upper
75	100		
110	1.9	19.0	57.0#
77	0.0	25.3	37.9#





#38

Carbon Tetrachloride

Concen: 6.081 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.110 min

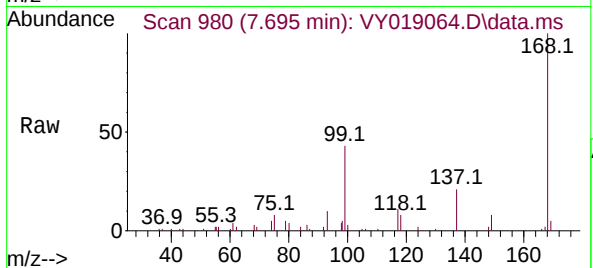
Lab File: VY019064.D

Acq: 14 Aug 2024 17:30

Instrument :

MSVOA_Y

ClientSampleId :



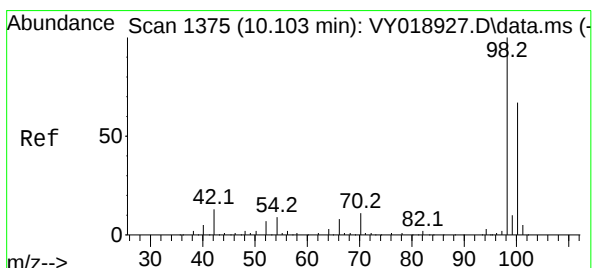
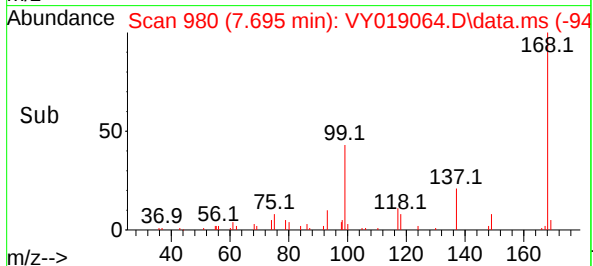
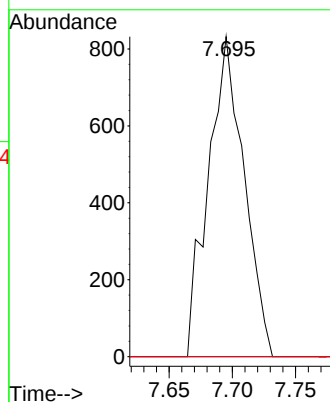
Tgt Ion:117 Resp: 1635

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 44.383 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019064.D

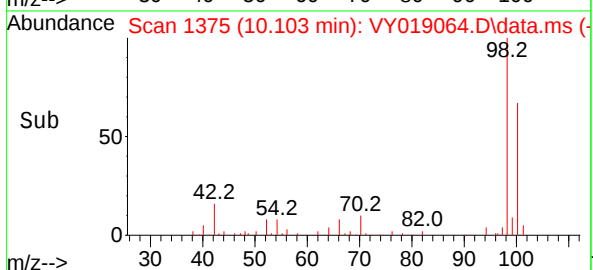
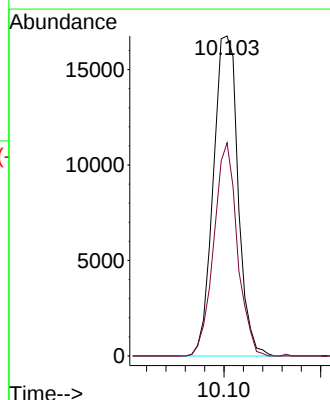
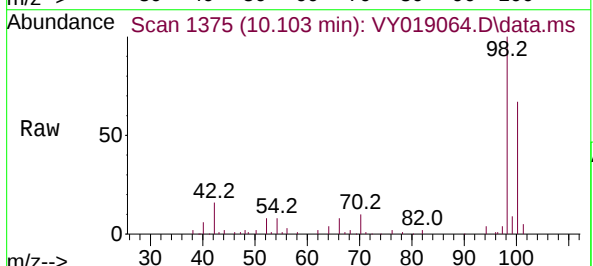
Acq: 14 Aug 2024 17:30

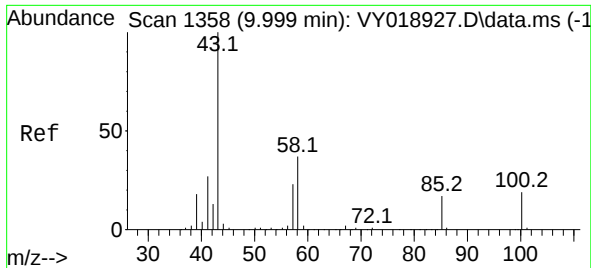
Tgt Ion: 98 Resp: 29780

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0

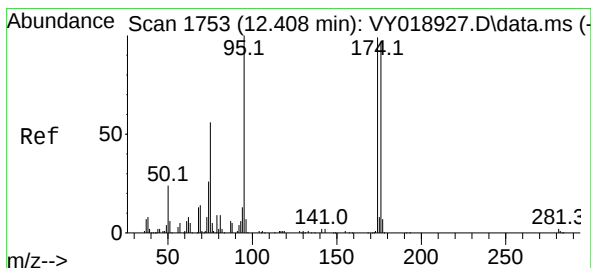
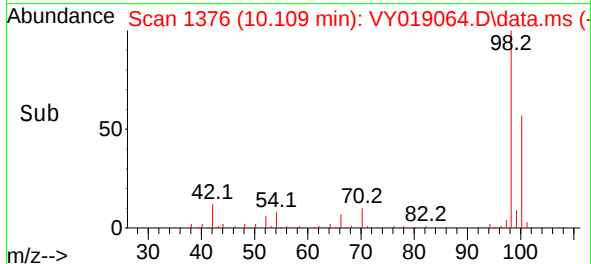
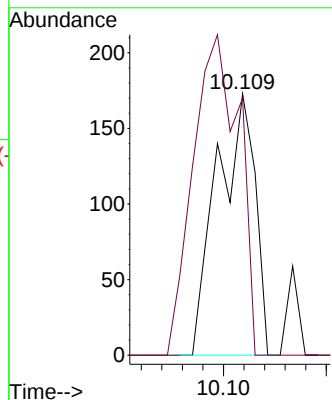
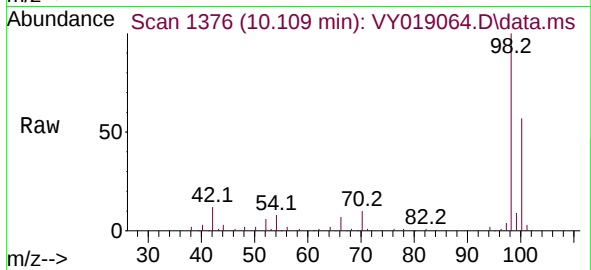




#51
4-Methyl-2-Pentanone
Concen: 1.975 ug/l
RT: 10.109 min Scan# 14
Delta R.T. 0.110 min
Lab File: VY019064.D
Acq: 14 Aug 2024 17:30

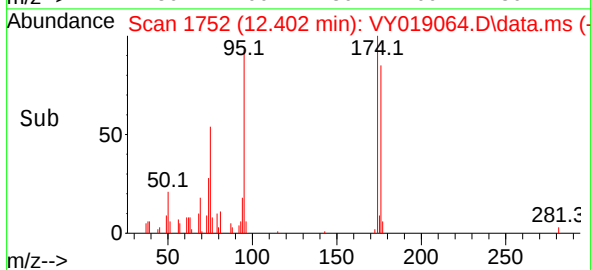
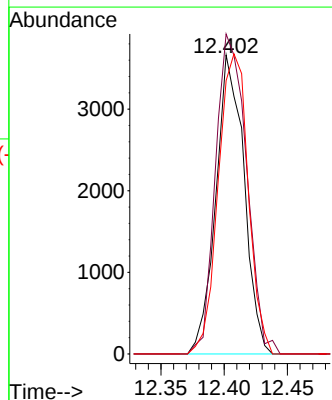
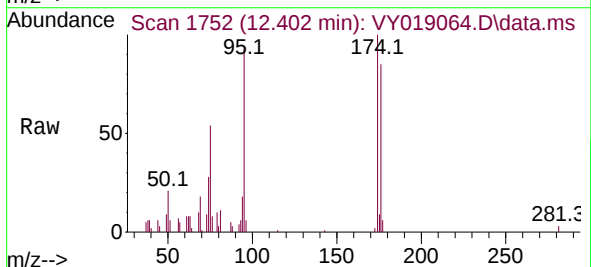
Instrument :
MSVOA_Y
ClientSampleId :

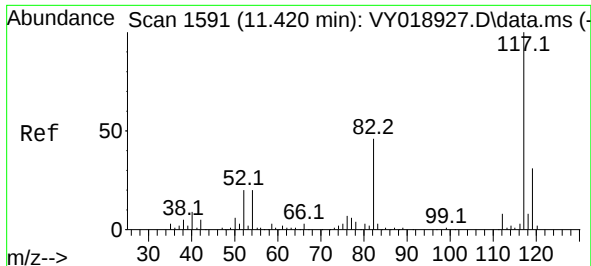
Tgt Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
58 147.7 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 28.438 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019064.D
Acq: 14 Aug 2024 17:30

Tgt Ion: 95 Resp: 5661
Ion Ratio Lower Upper
95 100
174 117.6 0.0 175.6
176 106.9 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: VY019064.D

Acq: 14 Aug 2024 17:30

Instrument :

MSVOA_Y

ClientSampleId :

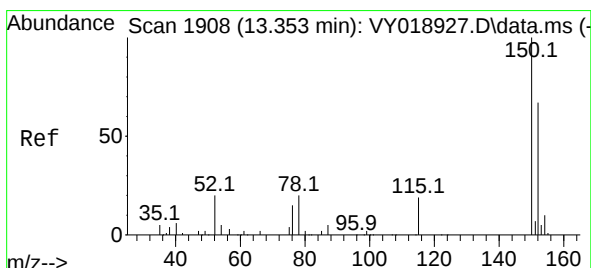
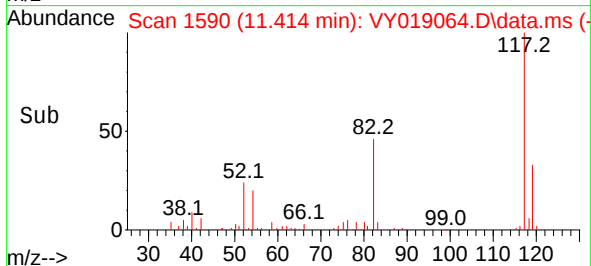
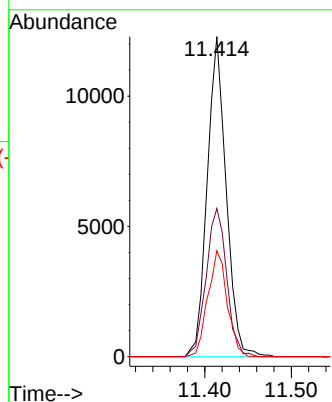
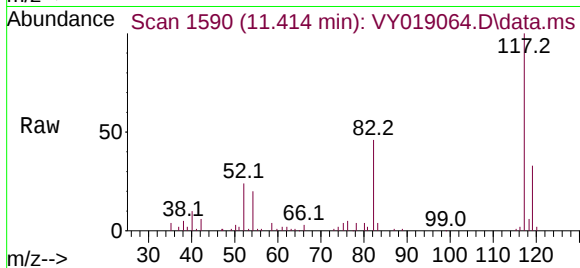
Tgt Ion:117 Resp: 18692

Ion Ratio Lower Upper

117 100

82 46.3 42.4 63.6

119 33.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019064.D

Acq: 14 Aug 2024 17:30

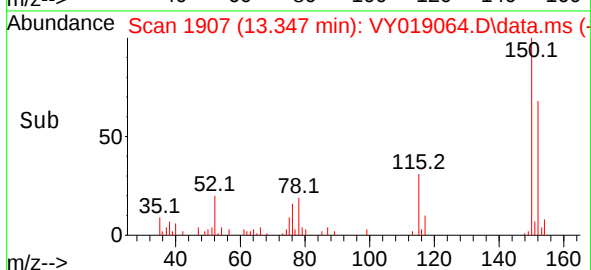
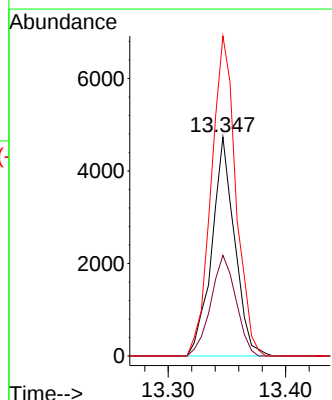
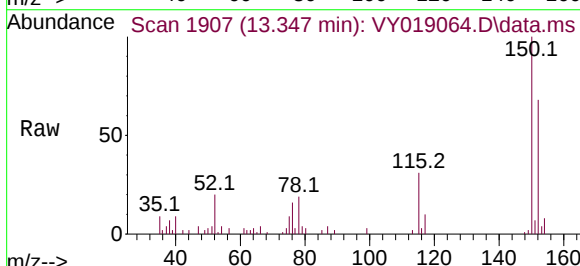
Tgt Ion:152 Resp: 6394

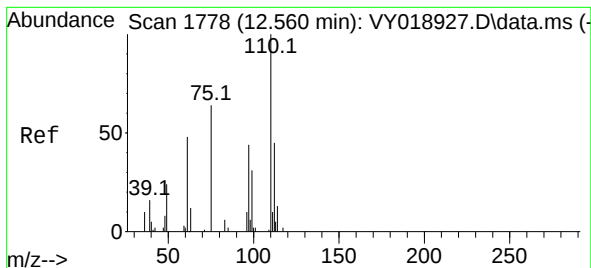
Ion Ratio Lower Upper

152 100

115 50.4 28.2 84.7

150 157.7 0.0 345.6

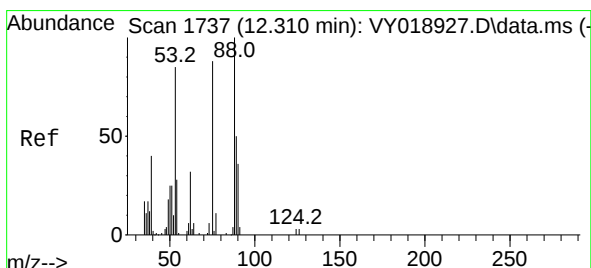
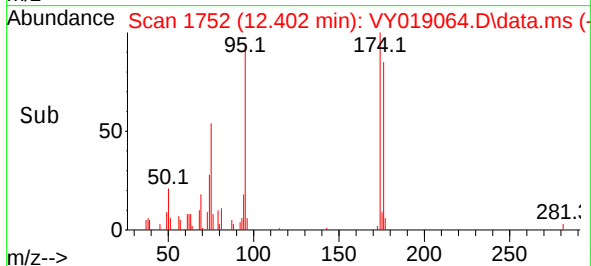
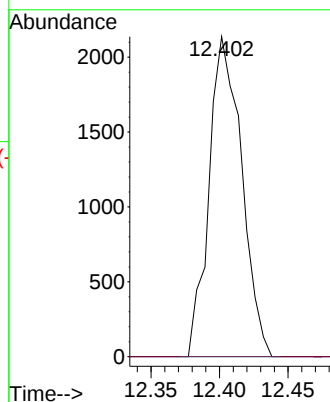
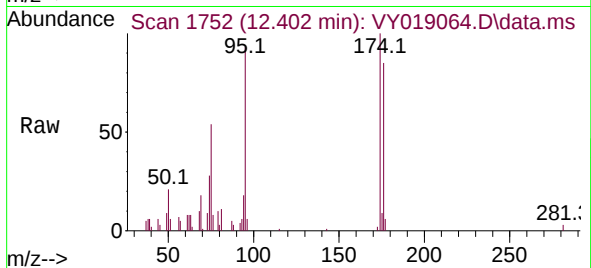




#76
1,2,3-Trichloropropane
Concen: 74.316 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019064.D
Acq: 14 Aug 2024 17:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 3540
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 153.135 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.091 min
Lab File: VY019064.D
Acq: 14 Aug 2024 17:30

Tgt Ion: 75 Resp: 3540
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

