

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019263.D
 Acq On : 23 Aug 2024 17:31
 Operator : SY/MD
 Sample : P3707-05
 Misc : 7.21g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 23:00:04 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)

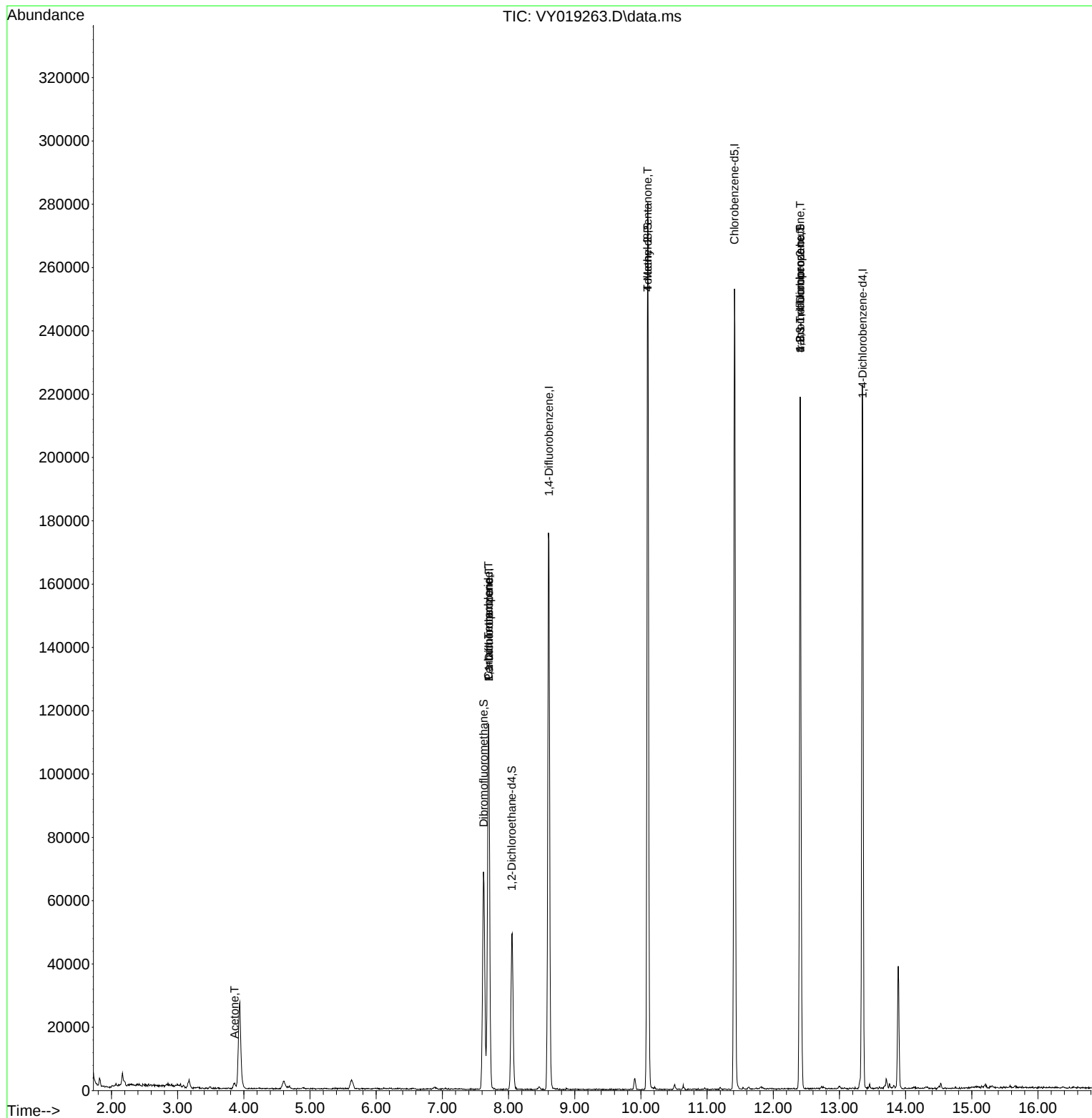
Internal Standards						
1) Pentafluorobenzene	7.701	168	91893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	154222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	139311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	55791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	38424	41.713	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.420%
35) Dibromofluoromethane	7.622	113	48564	48.160	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.320%
50) Toluene-d8	10.103	98	178504	49.190	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.380%
62) 4-Bromofluorobenzene	12.408	95	60833	49.175	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.340%
Target Compounds						
					Qvalue	
5) Bromomethane	2.592	94	112	Below Cal		90
6) Chloroethane	2.830	64	42	Below Cal	#	42
11) Tert butyl alcohol	4.830	59	67	Below Cal	#	88
16) Acetone	3.860	43	2892	16.929	ug/l #	83
20) Methylene Chloride	4.598	84	1909	Below Cal	#	81
31) Cyclohexane	7.689	56	1950	Below Cal	#	38
36) 1,1-Dichloropropene	7.701	75	6498	4.693	ug/l #	50
38) Carbon Tetrachloride	7.695	117	9698	6.043	ug/l #	18
51) 4-Methyl-2-Pentanone	10.103	43	742	1.127	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	33034	60.040	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	33034	148.279	ug/l #	16

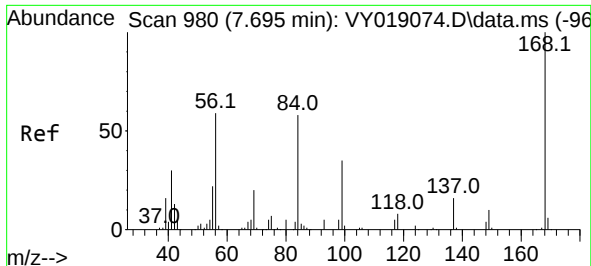
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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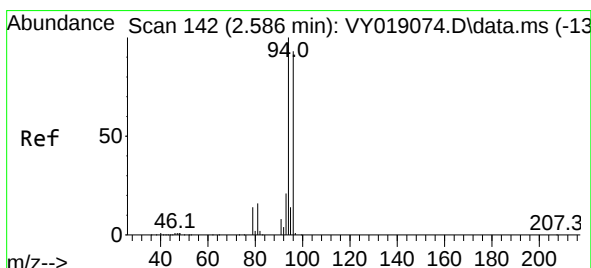
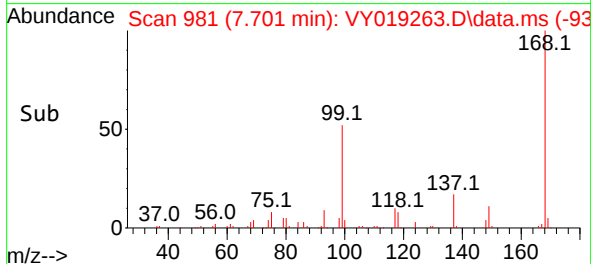
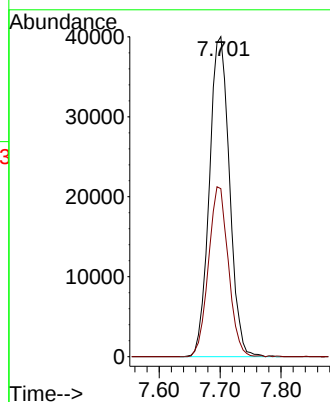
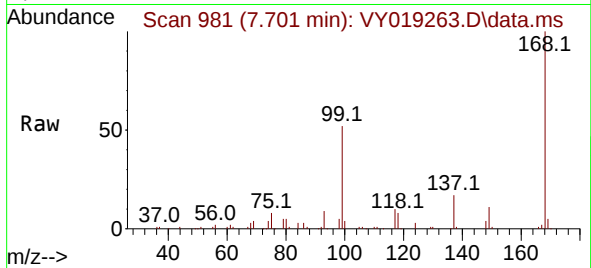




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019263.D
Acq: 23 Aug 2024 17:31

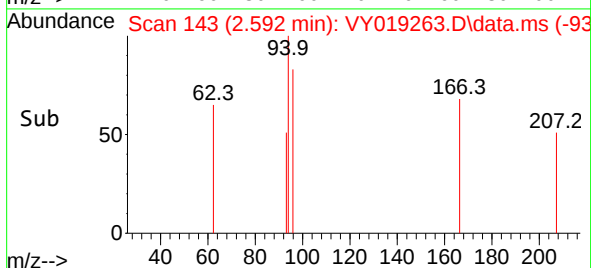
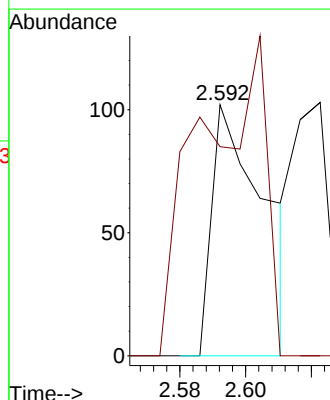
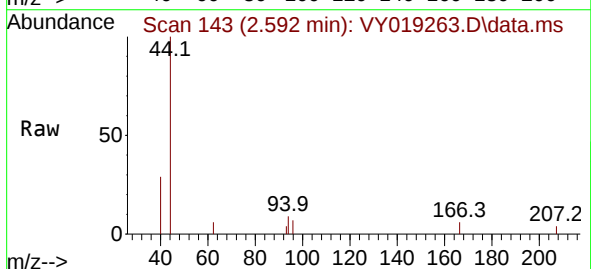
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 91893
Ion Ratio Lower Upper
168 100
99 52.5 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.592 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY019263.D
Acq: 23 Aug 2024 17:31

Tgt Ion: 94 Resp: 112
Ion Ratio Lower Upper
94 100
96 83.3 74.1 111.1





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.830 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY019263.D

Acq: 23 Aug 2024 17:31

Instrument :

MSVOA_Y

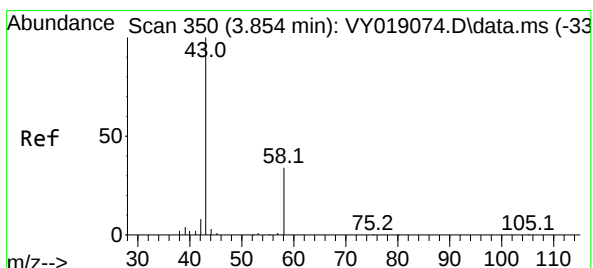
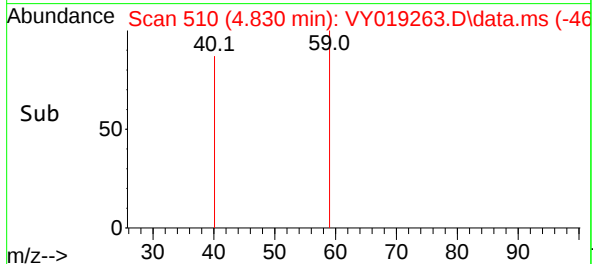
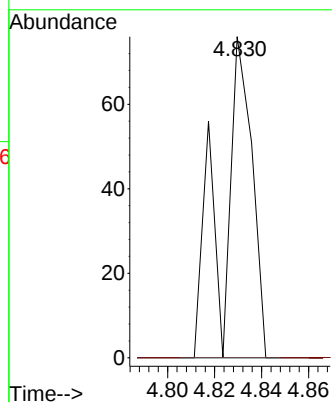
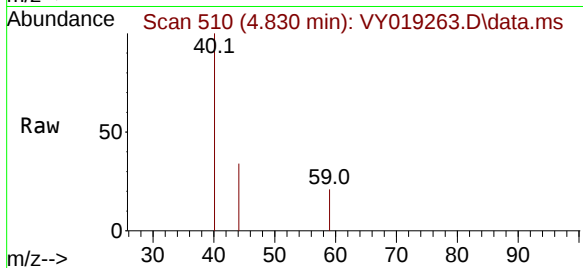
ClientSampleId :

Tgt Ion: 59 Resp: 67

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 16.929 ug/l

RT: 3.860 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY019263.D

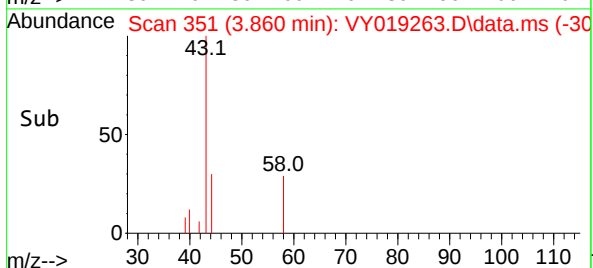
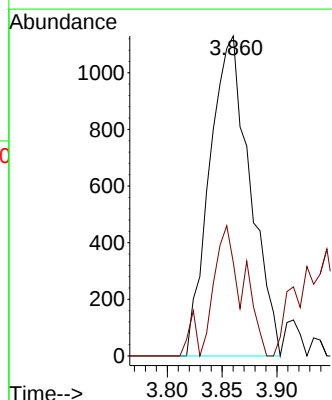
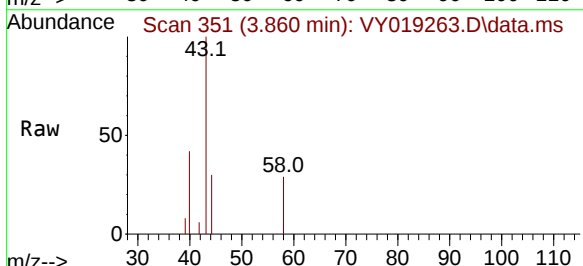
Acq: 23 Aug 2024 17:31

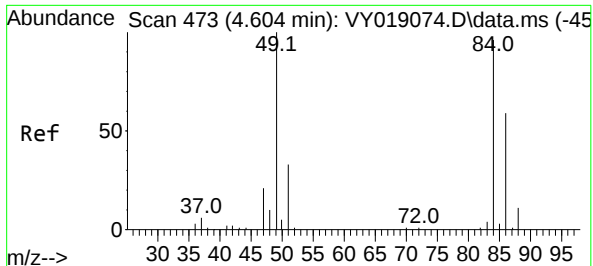
Tgt Ion: 43 Resp: 2892

Ion Ratio Lower Upper

43 100

58 29.2 31.7 47.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.598 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY019263.D

Acq: 23 Aug 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 1909

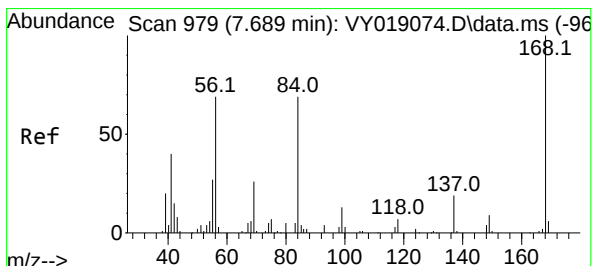
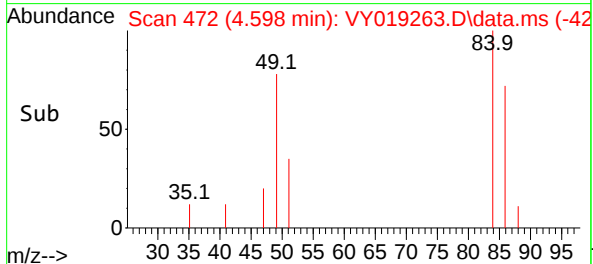
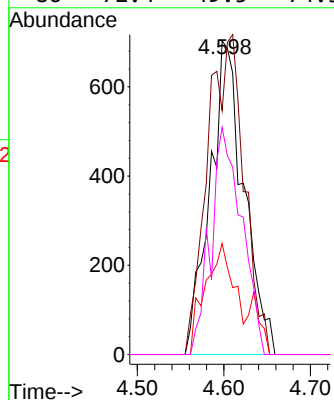
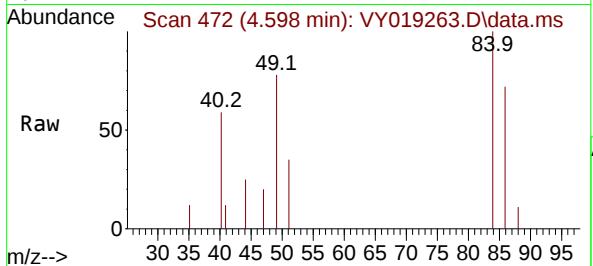
Ion Ratio Lower Upper

84 100

49 77.8 84.4 126.6#

51 35.4 26.0 39.0

86 72.4 49.5 74.3



#31

Cyclohexane

Concen: Below Cal

RT: 7.689 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY019263.D

Acq: 23 Aug 2024 17:31

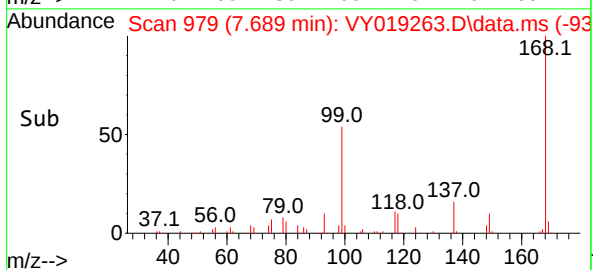
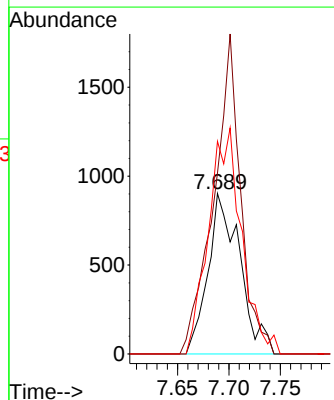
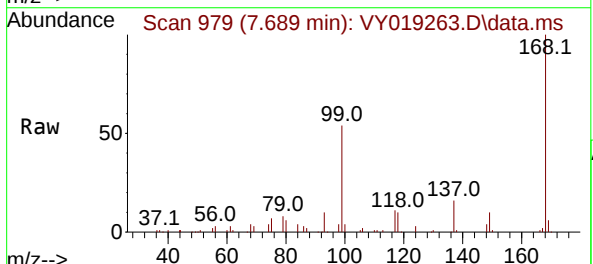
Tgt Ion: 56 Resp: 1950

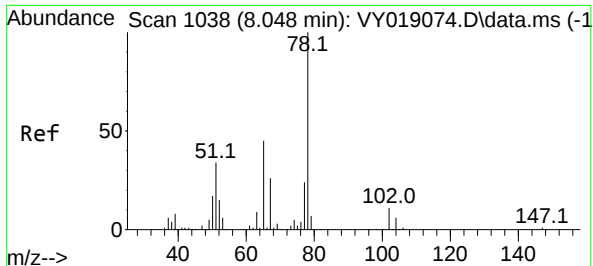
Ion Ratio Lower Upper

56 100

69 112.7 28.7 43.1#

84 132.4 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 41.713 ug/l

RT: 8.049 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019263.D

Acq: 23 Aug 2024 17:31

Instrument :

MSVOA_Y

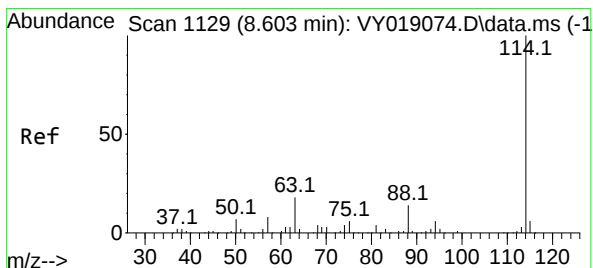
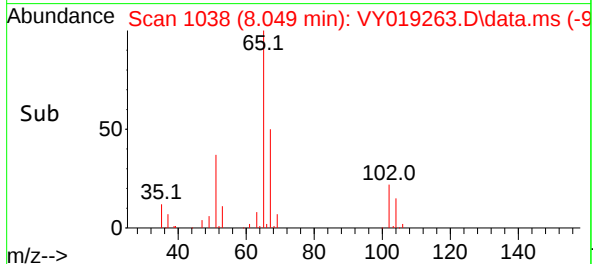
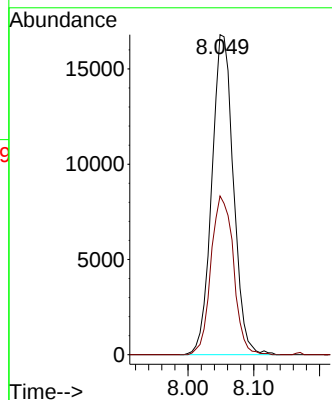
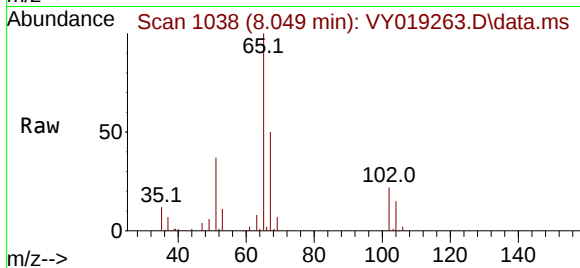
ClientSampleId :

Tgt Ion: 65 Resp: 38424

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019263.D

Acq: 23 Aug 2024 17:31

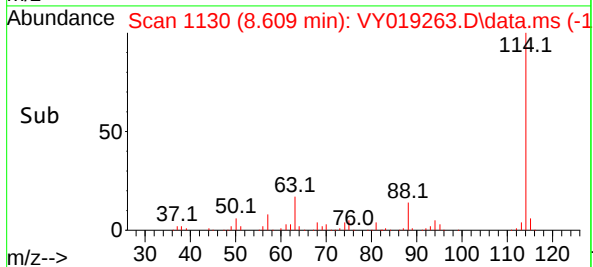
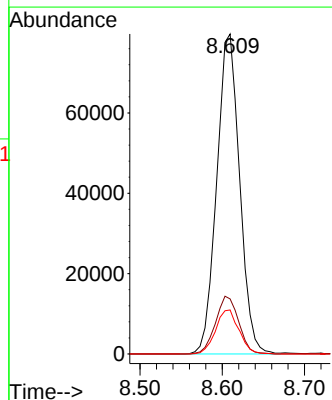
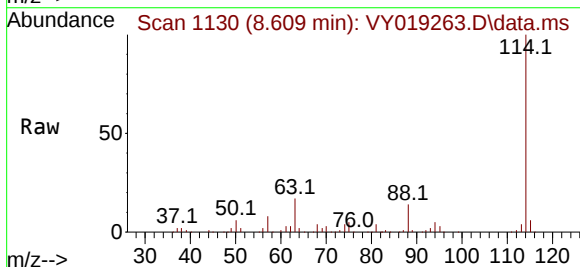
Tgt Ion: 114 Resp: 154222

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

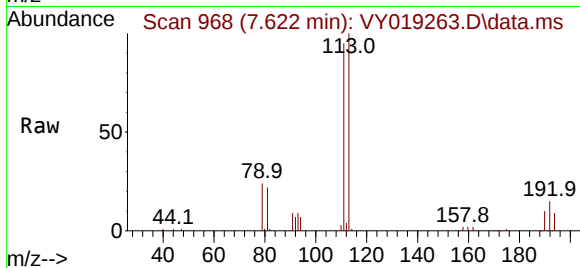
88 13.7 0.0 27.2



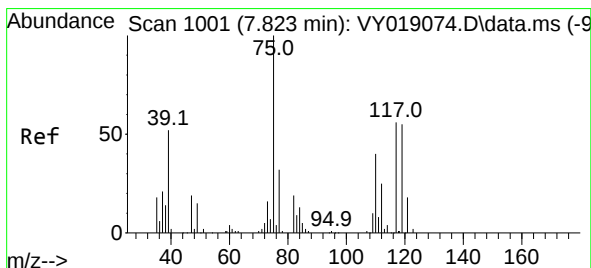
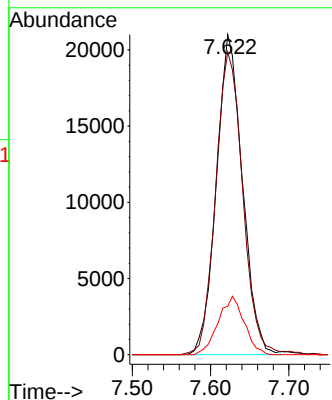
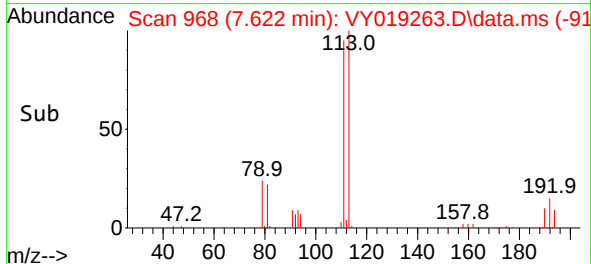


#35
Dibromofluoromethane
Concen: 48.160 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019263.D
Acq: 23 Aug 2024 17:31

Instrument :
MSVOA_Y
ClientSampleId :

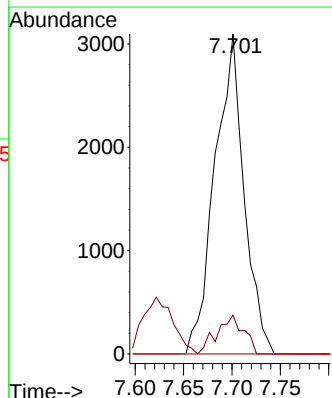
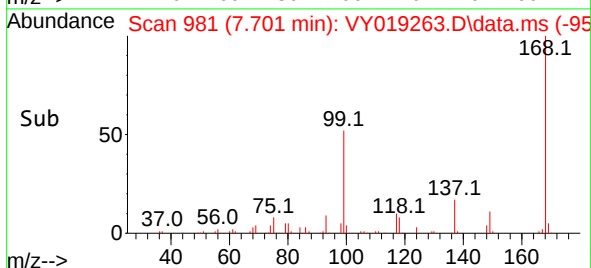
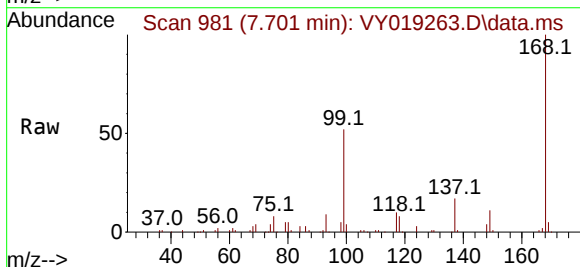


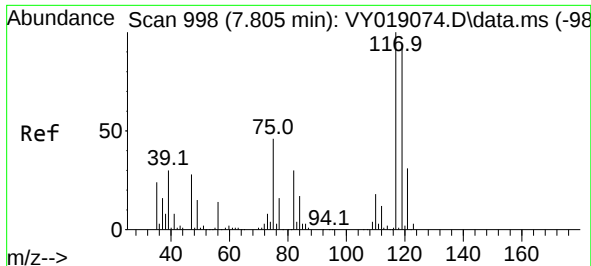
Tgt Ion:113 Resp: 48564
Ion Ratio Lower Upper
113 100
111 98.2 82.2 123.4
192 18.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.693 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019263.D
Acq: 23 Aug 2024 17:31

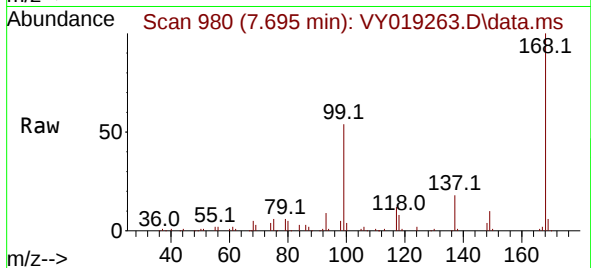
Tgt Ion: 75 Resp: 6498
Ion Ratio Lower Upper
75 100
110 11.0 19.0 57.0#
77 0.0 25.3 37.9#



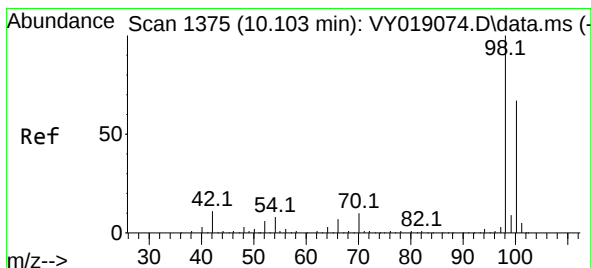
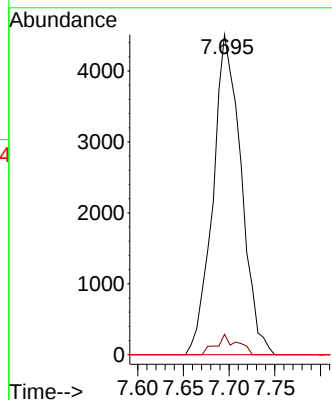
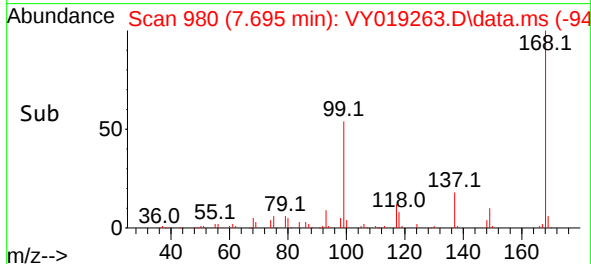


#38
Carbon Tetrachloride
Concen: 6.043 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019263.D
Acq: 23 Aug 2024 17:31

Instrument :
MSVOA_Y
ClientSampleId :

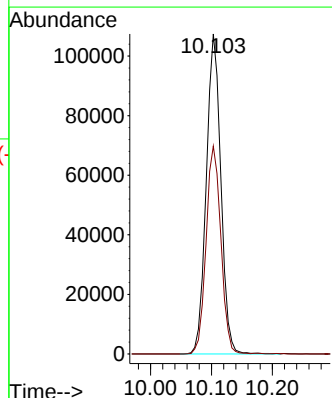
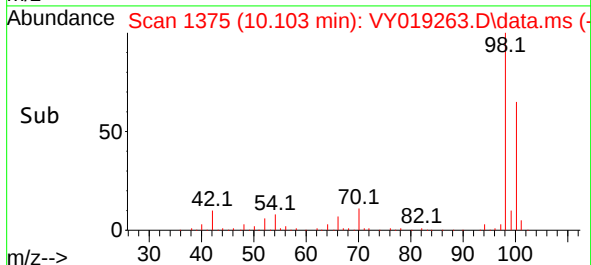
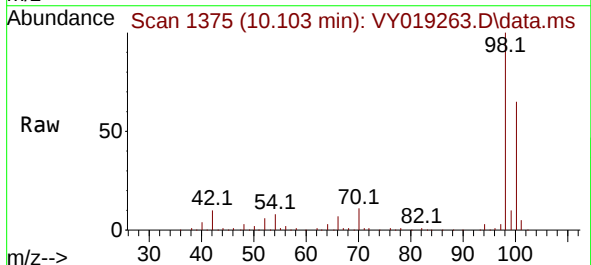


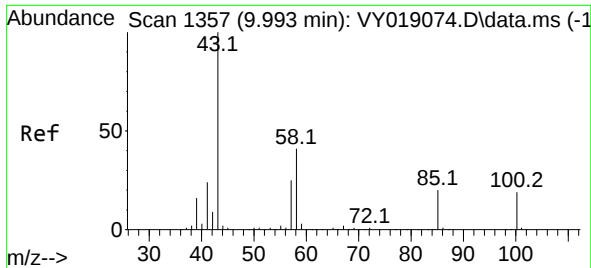
Tgt Ion:117 Resp: 9698
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.190 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019263.D
Acq: 23 Aug 2024 17:31

Tgt Ion: 98 Resp: 178504
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

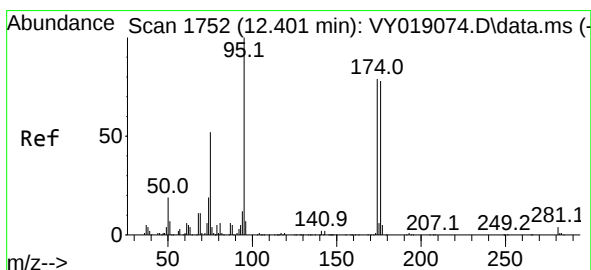
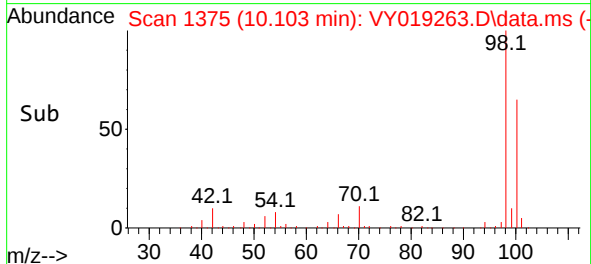
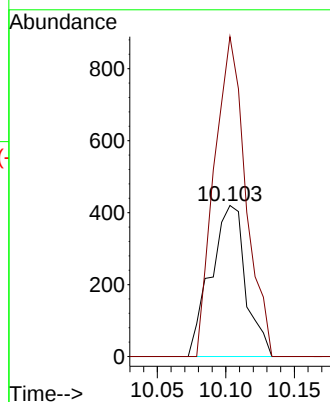
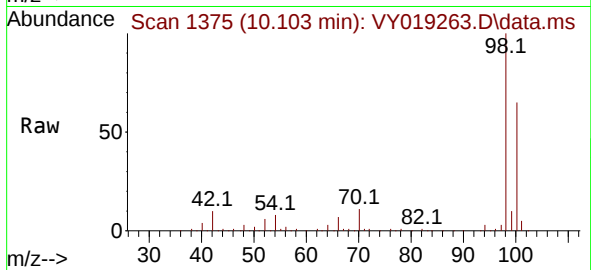




#51
4-Methyl-2-Pentanone
Concen: 1.127 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY019263.D
Acq: 23 Aug 2024 17:31

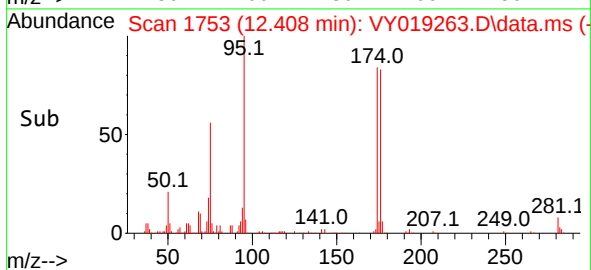
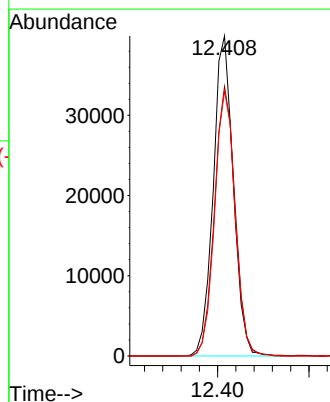
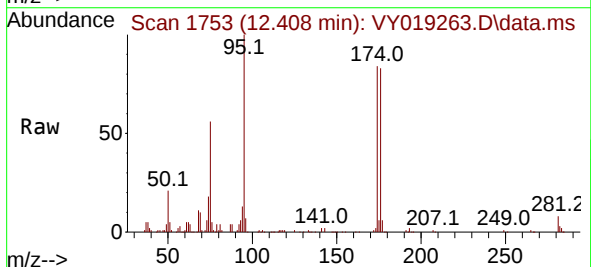
Instrument :
MSVOA_Y
ClientSampleId :

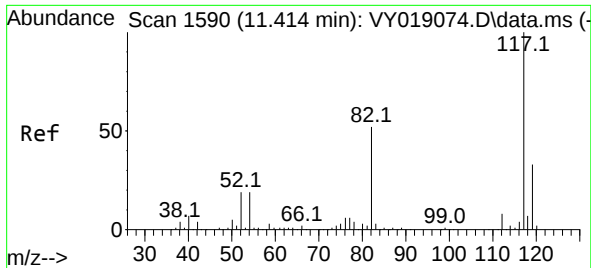
Tgt Ion: 43 Resp: 742
Ion Ratio Lower Upper
43 100
58 191.6 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 49.175 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019263.D
Acq: 23 Aug 2024 17:31

Tgt Ion: 95 Resp: 60833
Ion Ratio Lower Upper
95 100
174 86.7 0.0 175.6
176 84.4 0.0 171.4

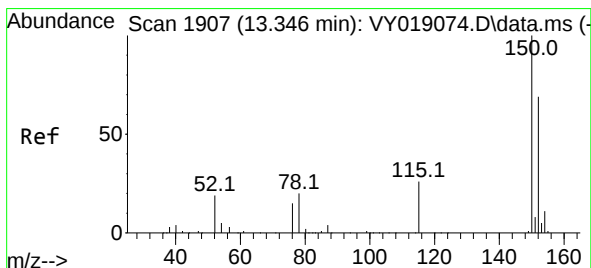
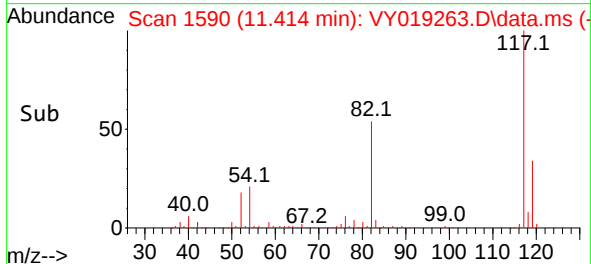
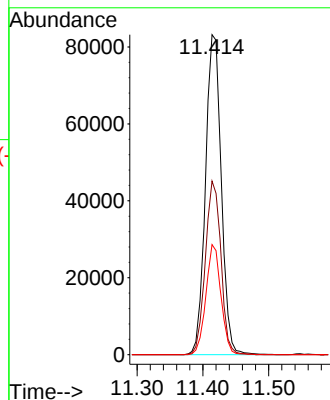
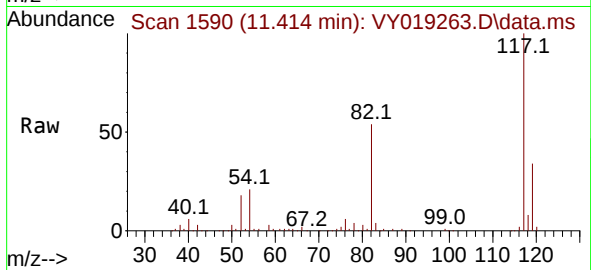




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019263.D
Acq: 23 Aug 2024 17:31

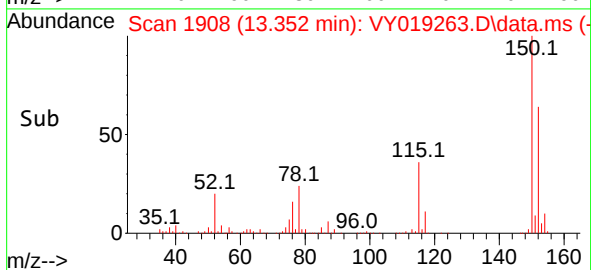
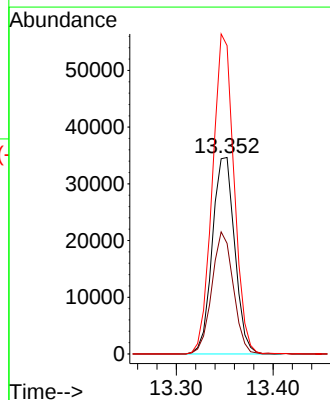
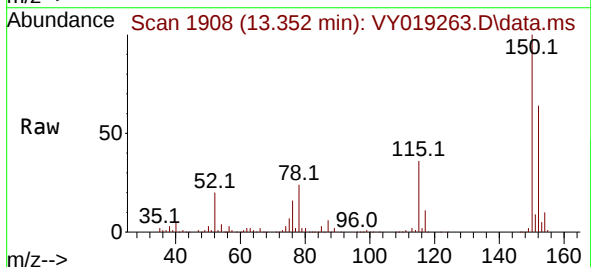
Instrument :
MSVOA_Y
ClientSampleId :

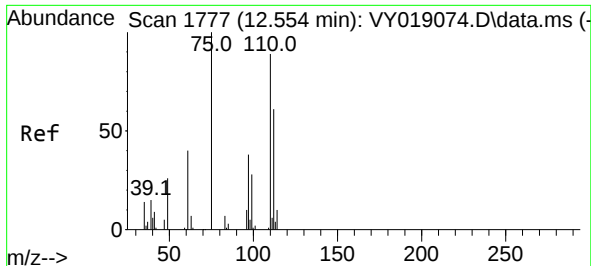
Tgt Ion:117 Resp: 139311
Ion Ratio Lower Upper
117 100
82 54.3 42.4 63.6
119 34.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019263.D
Acq: 23 Aug 2024 17:31

Tgt Ion:152 Resp: 55791
Ion Ratio Lower Upper
152 100
115 59.4 28.2 84.7
150 157.1 0.0 345.6

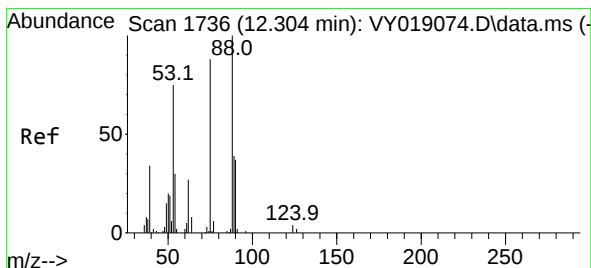
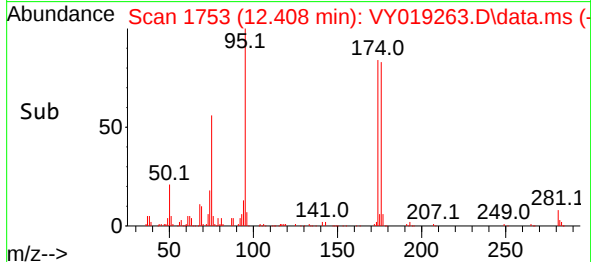
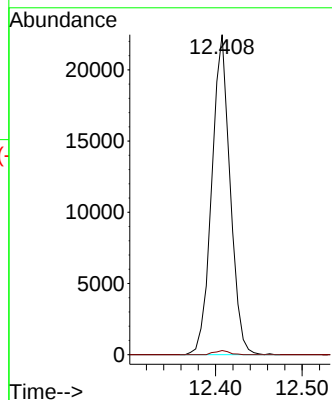
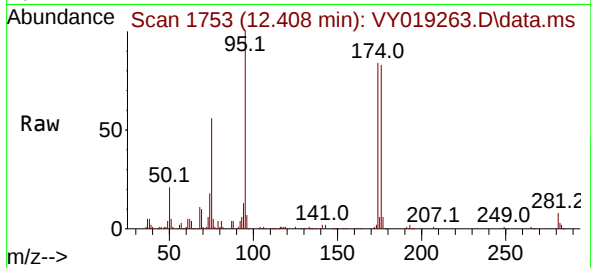




#76
1,2,3-Trichloropropane
Concen: 60.040 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019263.D
Acq: 23 Aug 2024 17:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 33034
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 148.279 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019263.D
Acq: 23 Aug 2024 17:31

Tgt Ion: 75 Resp: 33034
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

