

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020541.D
 Acq On : 06 Dec 2024 17:04
 Operator : SY/MD
 Sample : P5096-07
 Misc : 6.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 03:28:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

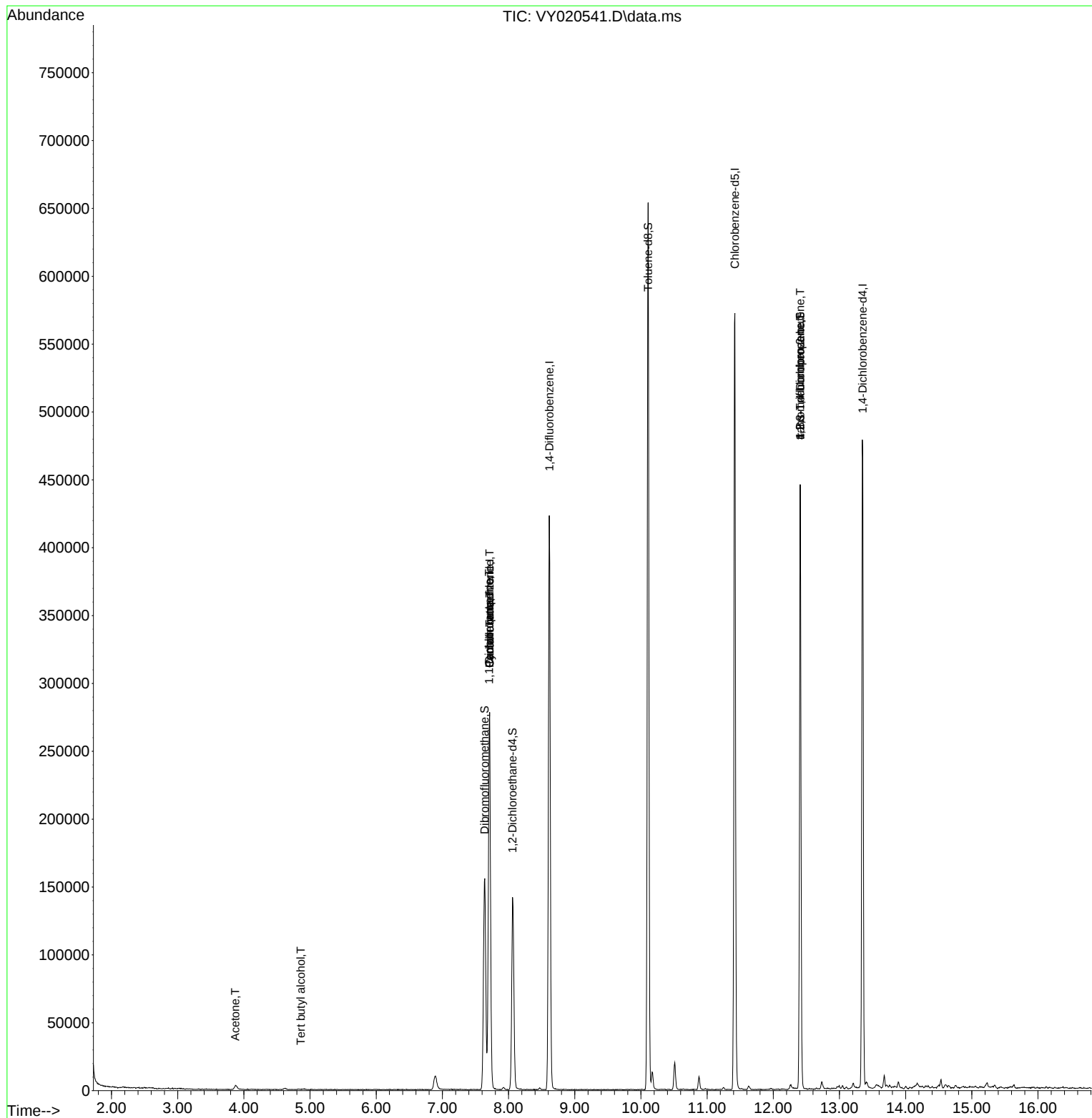
Internal Standards						
1) Pentafluorobenzene	7.713	168	210950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	359361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	307420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	124801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	115521	53.846	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.700%	
35) Dibromofluoromethane	7.640	113	112822	49.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.740%	
50) Toluene-d8	10.109	98	425474	49.390	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.780%	
62) 4-Bromofluorobenzene	12.407	95	135355	44.925	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 89.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	161	1.157	ug/l #	73
16) Acetone	3.872	43	6346	11.896	ug/l	89
31) Cyclohexane	7.713	56	4644	1.099	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	16636	4.354	ug/l #	52
38) Carbon Tetrachloride	7.713	117	21822	4.786	ug/l #	15
76) 1,2,3-Trichloropropane	12.407	75	71452	56.203	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	71452	115.319	ug/l #	9

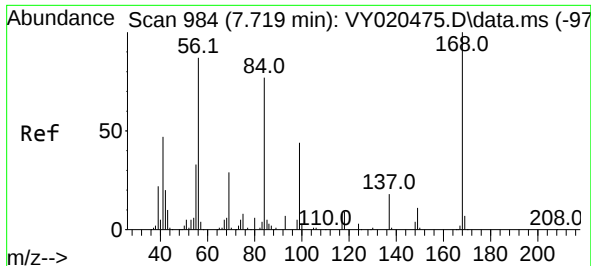
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
Data File : VY020541.D
Acq On : 06 Dec 2024 17:04
Operator : SY/MD
Sample : P5096-07
Misc : 6.56g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 07 03:28:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration

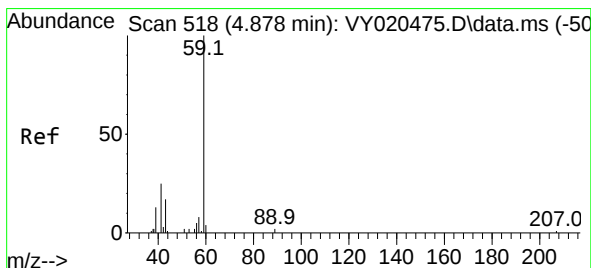
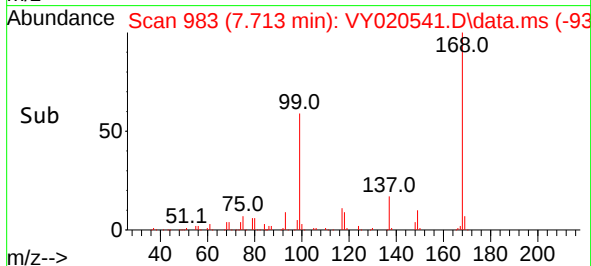
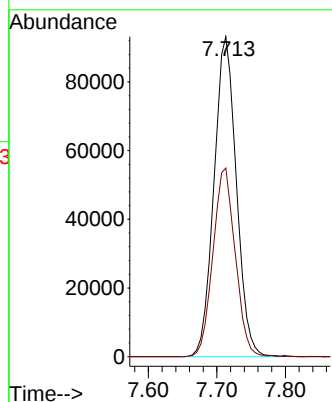
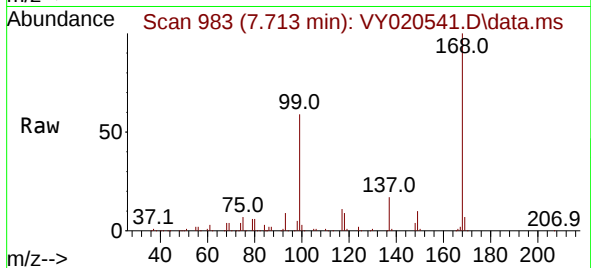




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020541.D
Acq: 06 Dec 2024 17:04

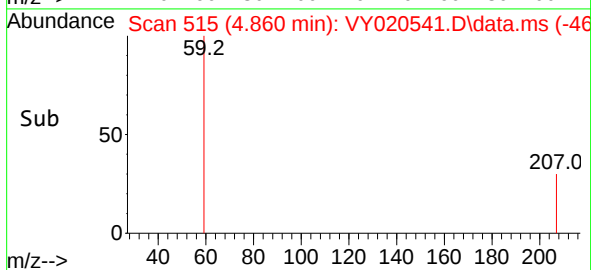
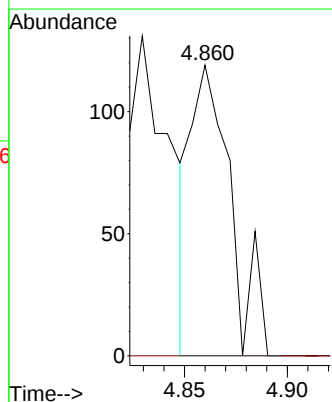
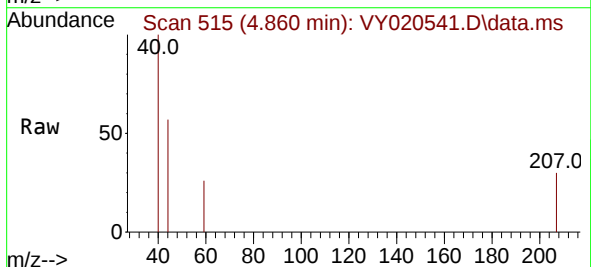
Instrument :
MSVOA_Y
ClientSampleId :

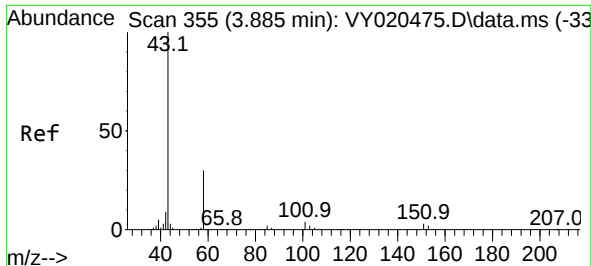
Tgt Ion:168 Resp: 210950
Ion Ratio Lower Upper
168 100
99 59.0 46.6 69.8



#11
Tert butyl alcohol
Concen: 1.157 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.019 min
Lab File: VY020541.D
Acq: 06 Dec 2024 17:04

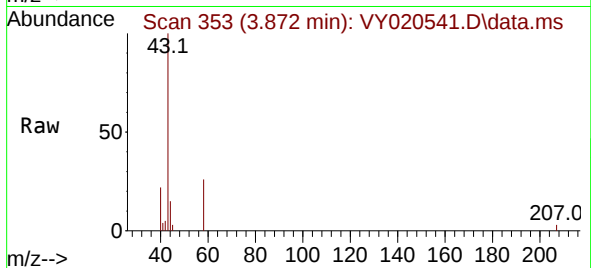
Tgt Ion: 59 Resp: 161
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



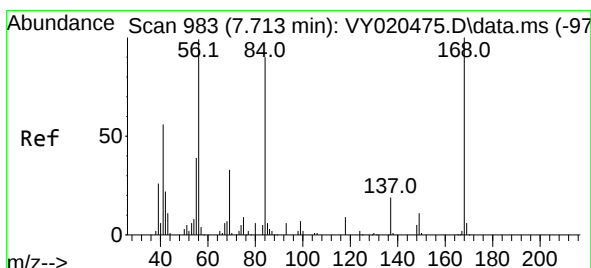
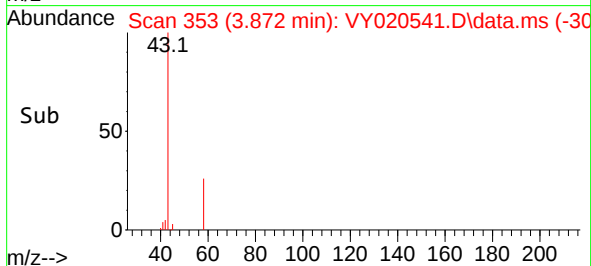
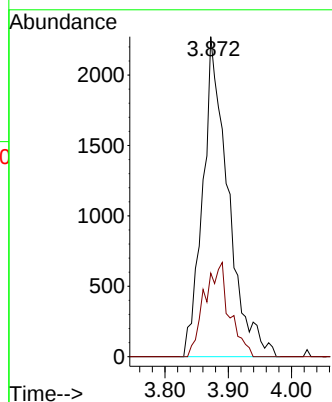


#16
Acetone
Concen: 11.896 ug/l
RT: 3.872 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY020541.D
Acq: 06 Dec 2024 17:04

Instrument :
MSVOA_Y
ClientSampleId :

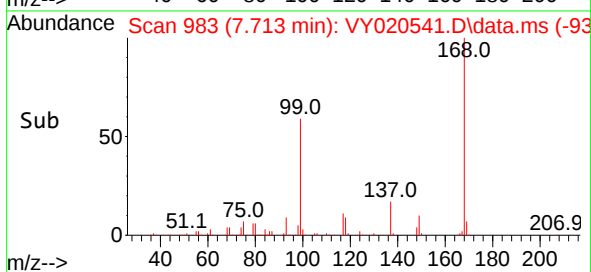
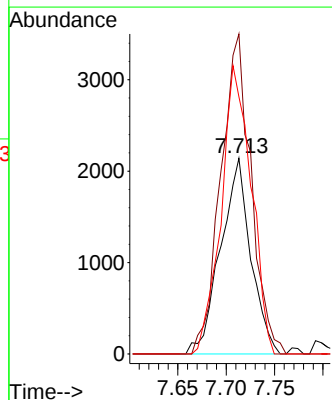
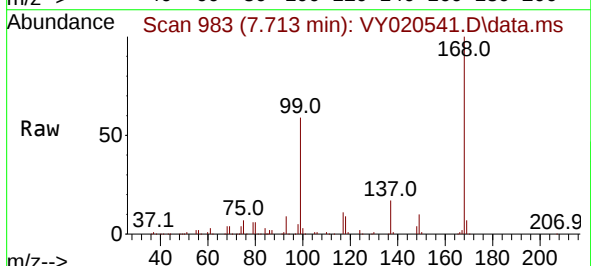


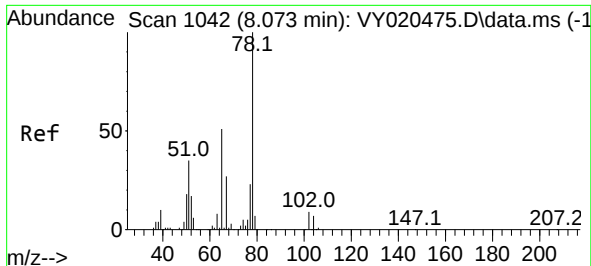
Tgt Ion: 43 Resp: 6346
Ion Ratio Lower Upper
43 100
58 26.1 25.7 38.5



#31
Cyclohexane
Concen: 1.099 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.000 min
Lab File: VY020541.D
Acq: 06 Dec 2024 17:04

Tgt Ion: 56 Resp: 4644
Ion Ratio Lower Upper
56 100
69 163.5 25.3 37.9#
84 131.4 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 53.846 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020541.D

Acq: 06 Dec 2024 17:04

Instrument :

MSVOA_Y

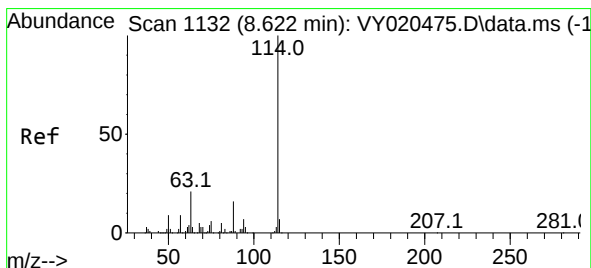
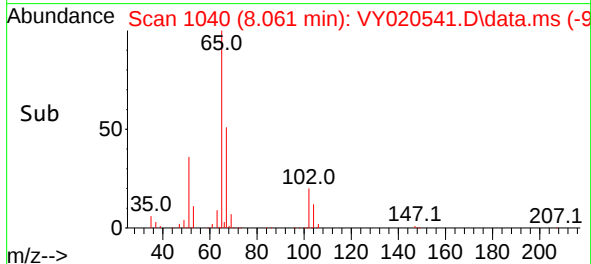
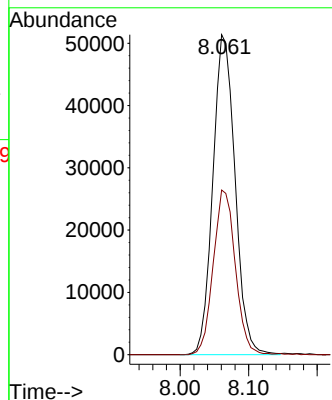
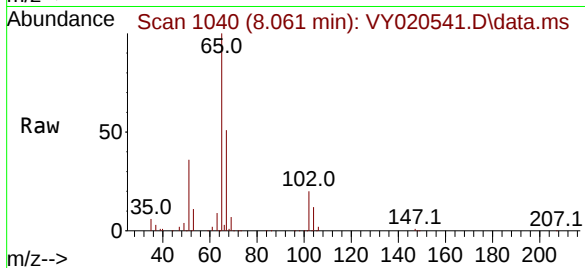
ClientSampleId :

Tgt Ion: 65 Resp: 115521

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY020541.D

Acq: 06 Dec 2024 17:04

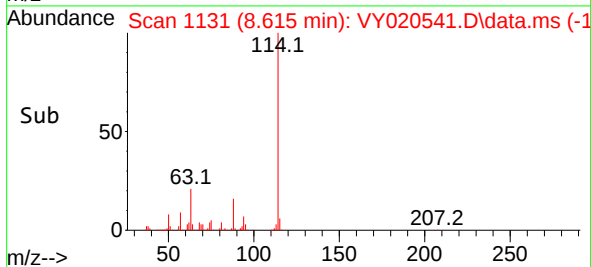
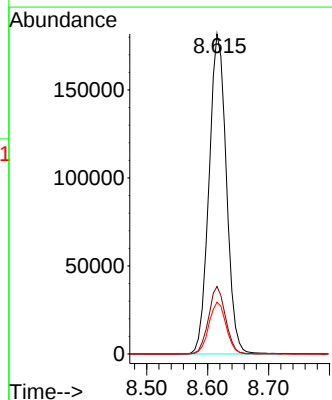
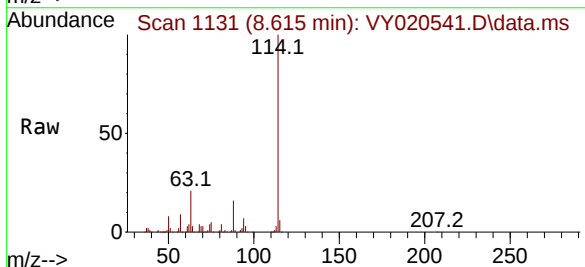
Tgt Ion: 114 Resp: 359361

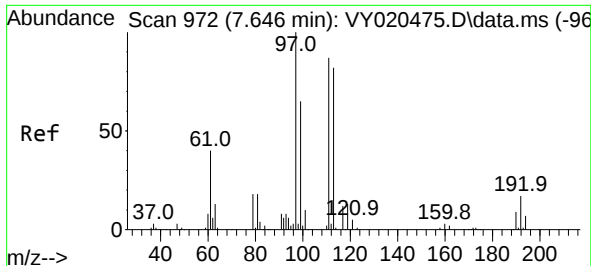
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.8

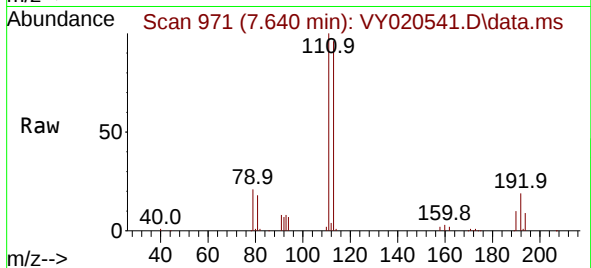
88 16.2 0.0 32.0



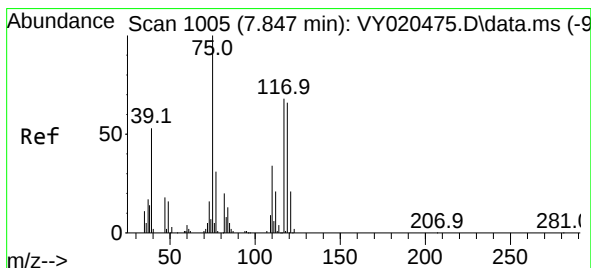
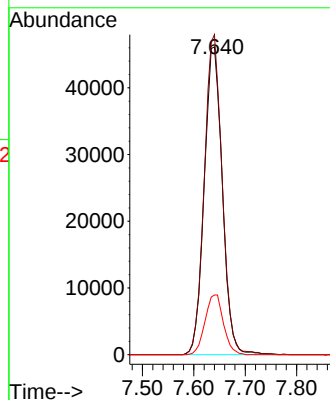
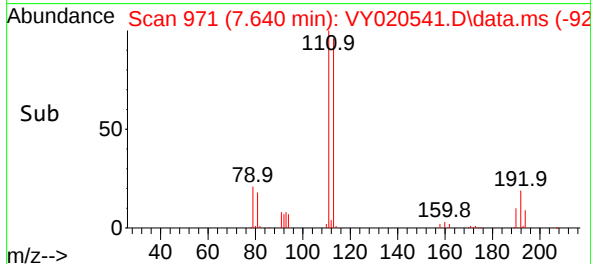


#35
Dibromofluoromethane
Concen: 49.869 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020541.D
Acq: 06 Dec 2024 17:04

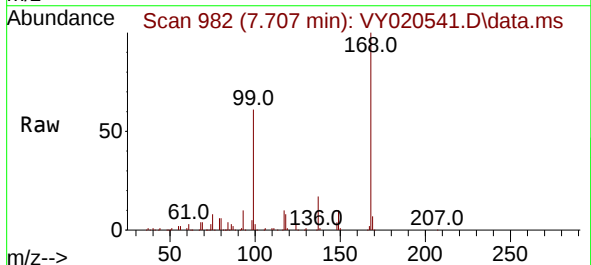
Instrument :
MSVOA_Y
ClientSampleId :



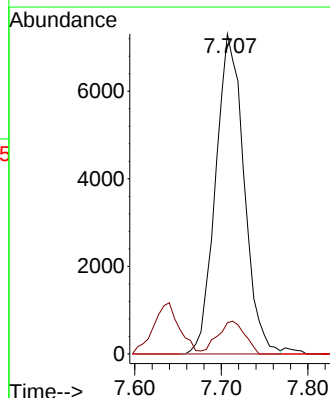
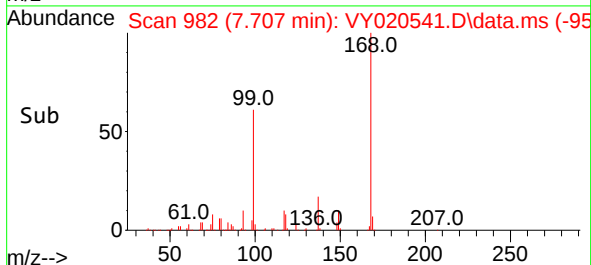
Tgt Ion:113 Resp: 112822
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 19.8 15.1 22.7

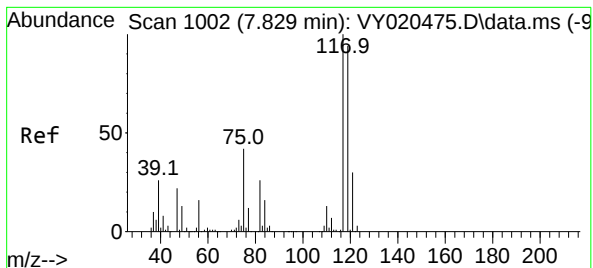


#36
1,1-Dichloropropene
Concen: 4.354 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.140 min
Lab File: VY020541.D
Acq: 06 Dec 2024 17:04



Tgt Ion: 75 Resp: 16636
Ion Ratio Lower Upper
75 100
110 9.7 16.7 50.0#
77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 4.786 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY020541.D

Acq: 06 Dec 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

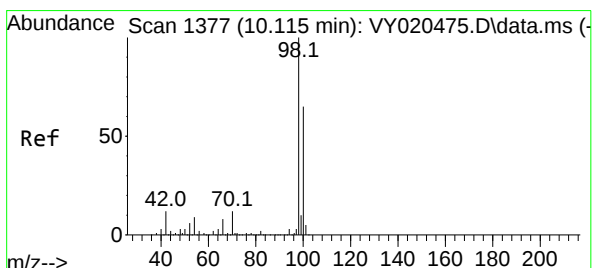
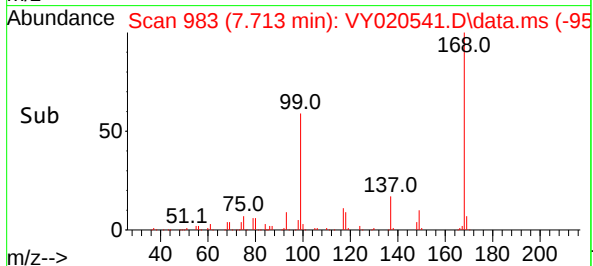
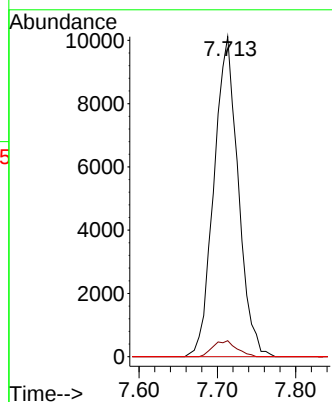
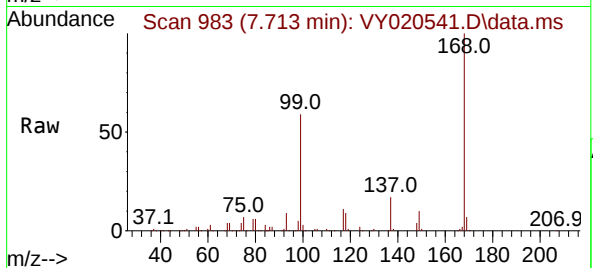
Tgt Ion:117 Resp: 21822

Ion Ratio Lower Upper

117 100

119 5.0 77.8 116.6#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 49.390 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020541.D

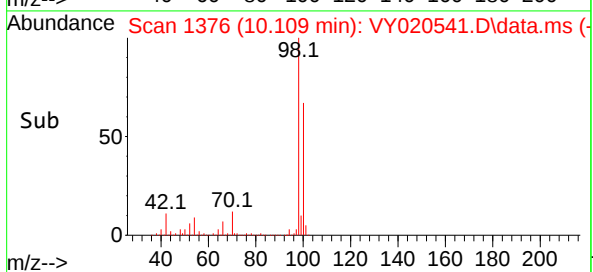
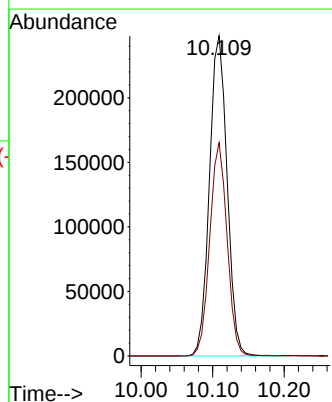
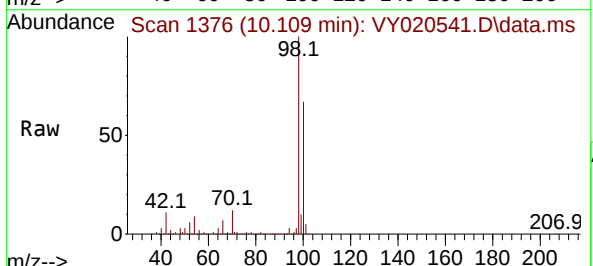
Acq: 06 Dec 2024 17:04

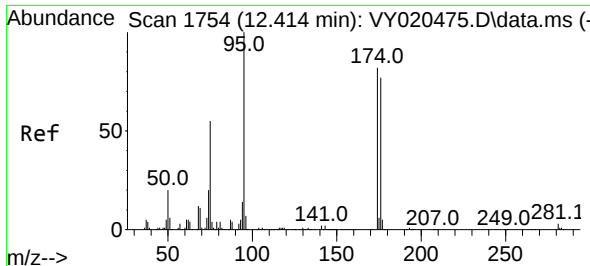
Tgt Ion: 98 Resp: 425474

Ion Ratio Lower Upper

98 100

100 65.4 51.3 76.9

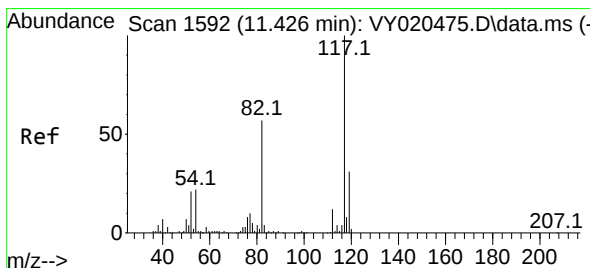
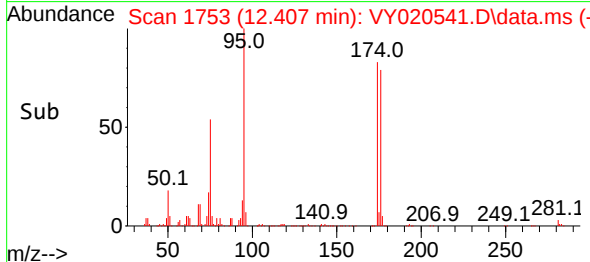
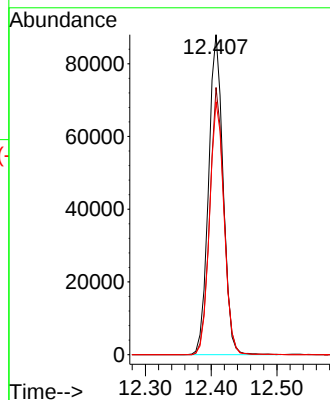
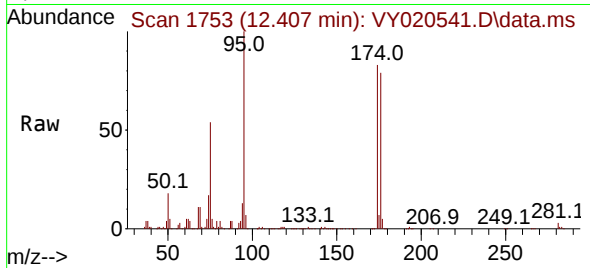




#62
4-Bromofluorobenzene
Concen: 44.925 ug/l
RT: 12.407 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020541.D
Acq: 06 Dec 2024 17:04

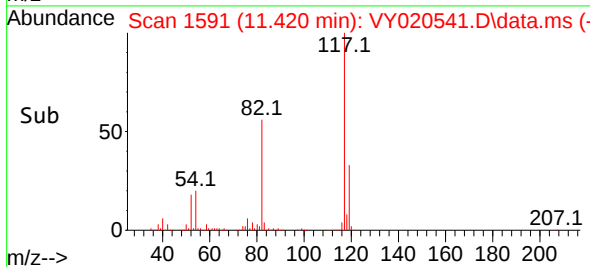
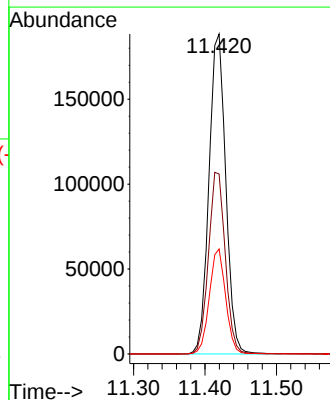
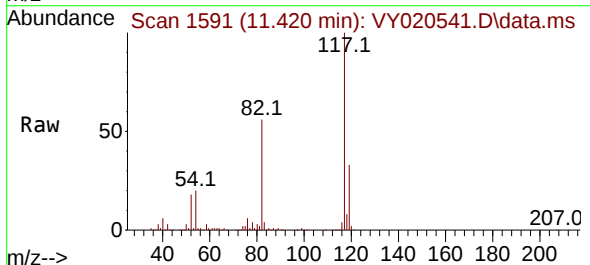
Instrument :
MSVOA_Y
ClientSampleId :

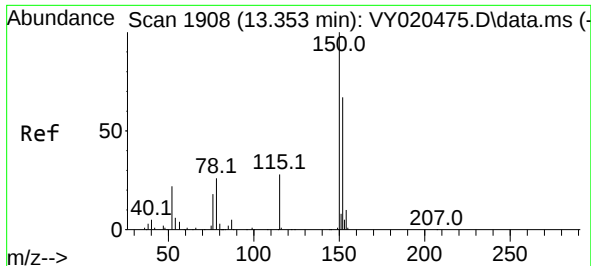
Tgt Ion: 95 Resp: 135355
Ion Ratio Lower Upper
95 100
174 81.6 0.0 156.8
176 78.8 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY020541.D
Acq: 06 Dec 2024 17:04

Tgt Ion: 117 Resp: 307420
Ion Ratio Lower Upper
117 100
82 56.3 48.2 72.4
119 32.8 25.8 38.8

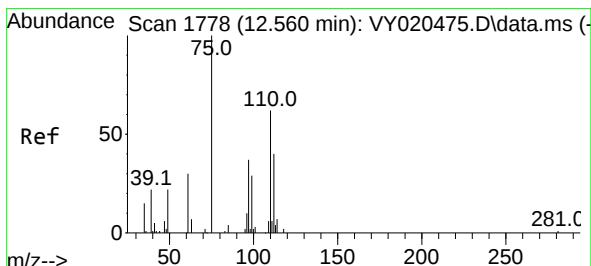
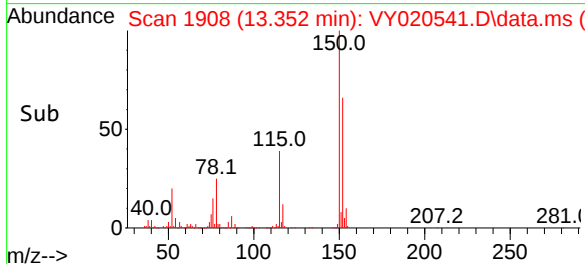
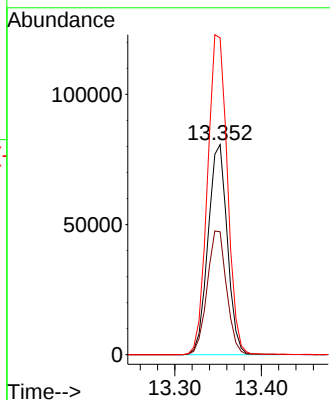
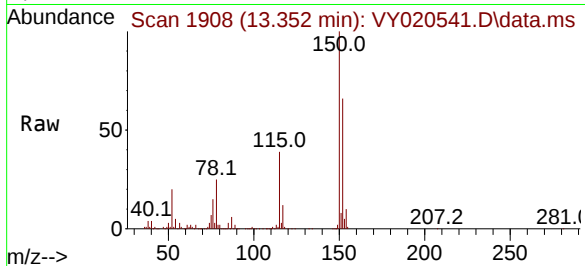




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY020541.D
 Acq: 06 Dec 2024 17:04

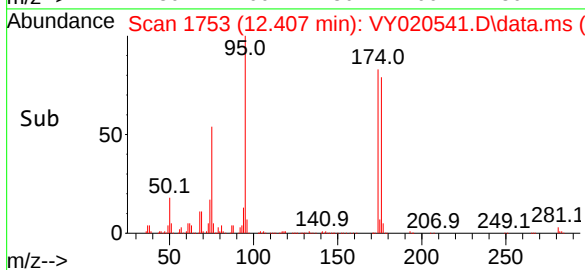
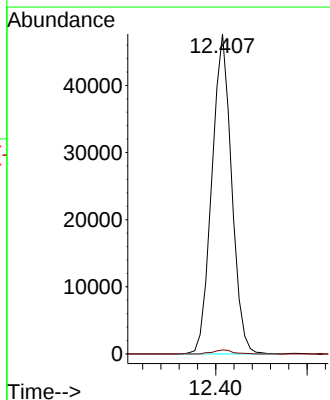
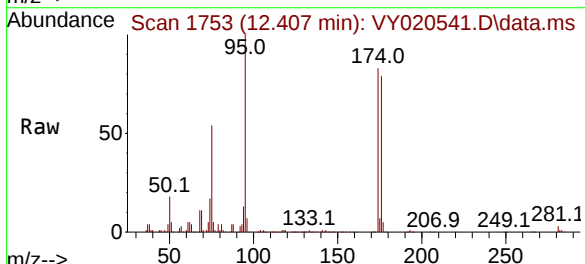
Instrument :
 MSVOA_Y
 ClientSampleId :

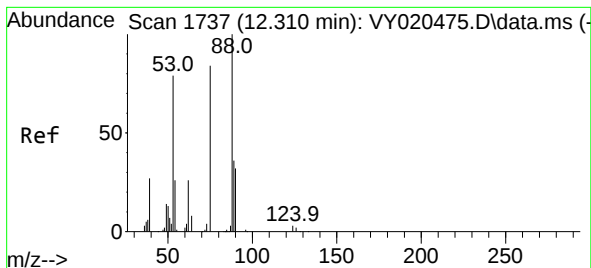
Tgt Ion:152 Resp: 124801
 Ion Ratio Lower Upper
 152 100
 115 59.7 30.0 90.0
 150 157.0 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 56.203 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.153 min
 Lab File: VY020541.D
 Acq: 06 Dec 2024 17:04

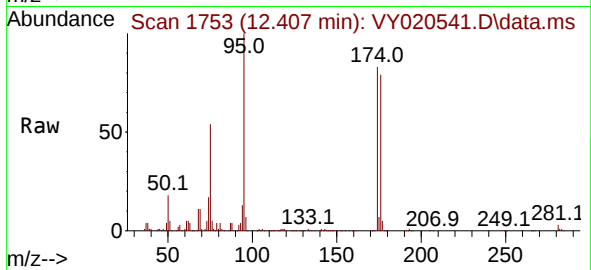
Tgt Ion: 75 Resp: 71452
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.319 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY020541.D
 Acq: 06 Dec 2024 17:04

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.1	121.7#
89	0.1	35.1	52.7#

