

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020745.D
 Acq On : 27 Dec 2024 17:31
 Operator : SY/MD
 Sample : P5387-01
 Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 28 03:05:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

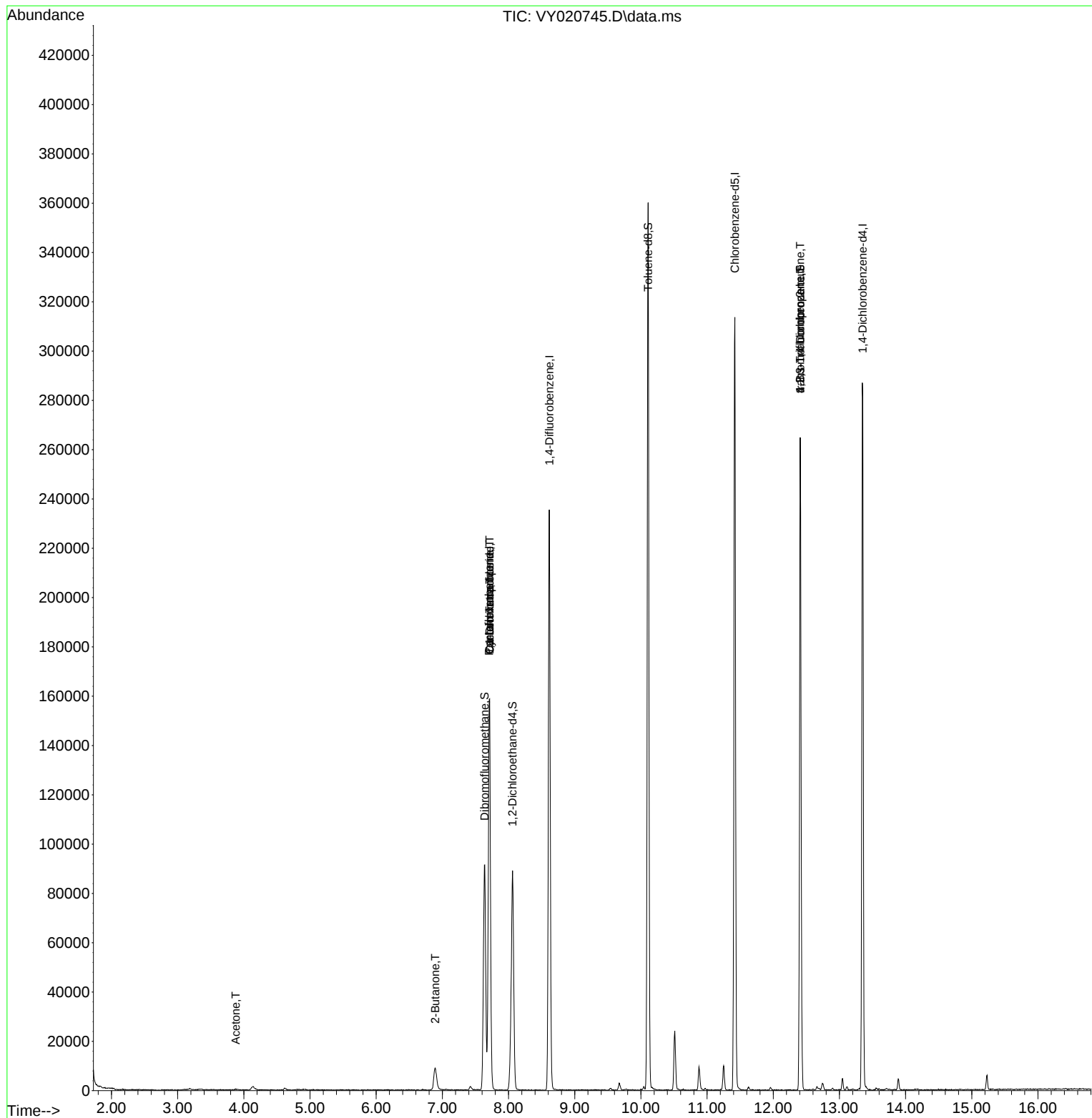
Internal Standards						
1) Pentafluorobenzene	7.707	168	126652	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.616	114	205343	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	178509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	75112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	64747	62.413	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.820%	
35) Dibromofluoromethane	7.640	113	64378	56.918	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.840%	
50) Toluene-d8	10.109	98	240124	53.270	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.540%	
62) 4-Bromofluorobenzene	12.408	95	75072	49.944	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 99.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	100	Below Cal	#	89
16) Acetone	3.879	43	592	4.498	ug/l	94
25) 2-Butanone	6.890	43	417	2.346	ug/l #	38
31) Cyclohexane	7.713	56	2153	1.616	ug/l #	37
36) 1,1-Dichloropropene	7.713	75	8800	5.890	ug/l #	50
38) Carbon Tetrachloride	7.713	117	12901	5.244	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	41245	86.337	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	41245	170.654	ug/l #	8

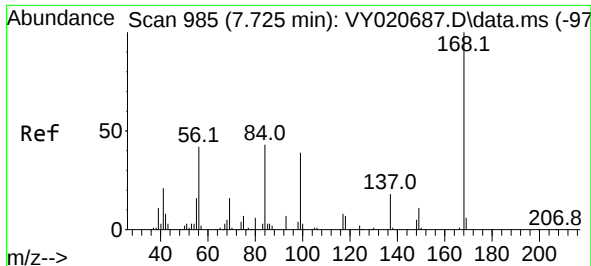
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
Data File : VY020745.D
Acq On : 27 Dec 2024 17:31
Operator : SY/MD
Sample : P5387-01
Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 28 03:05:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration

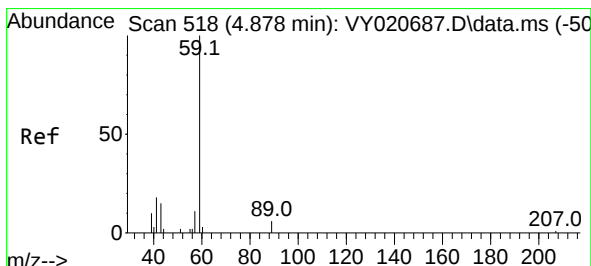
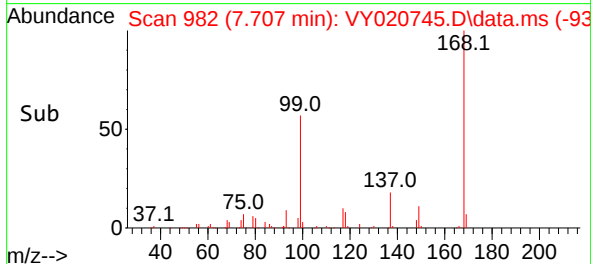
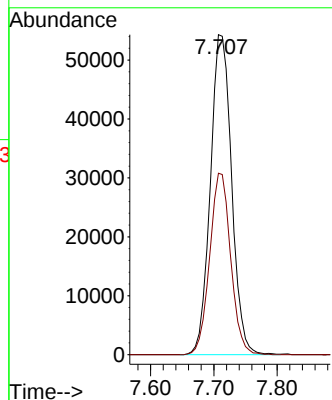
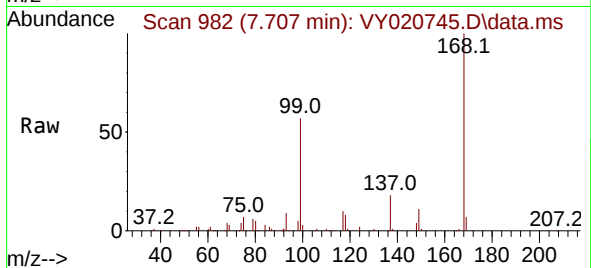




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY020745.D
Acq: 27 Dec 2024 17:31

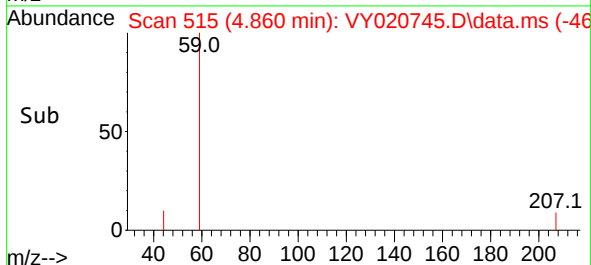
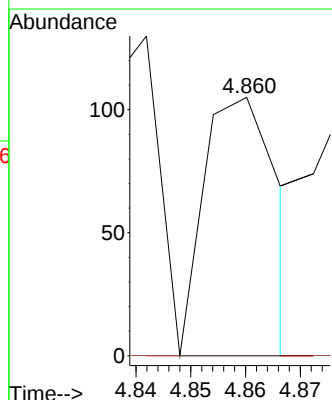
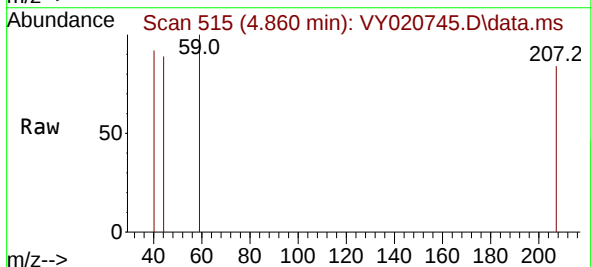
Instrument :
MSVOA_Y
ClientSampleId :

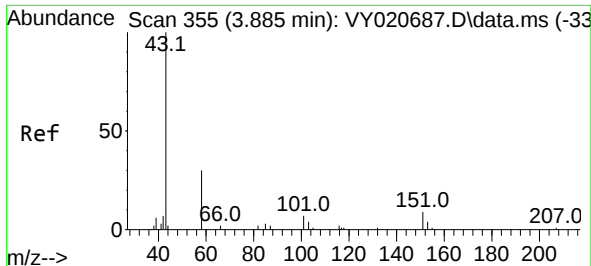
Tgt Ion:168 Resp: 126652
Ion Ratio Lower Upper
168 100
99 56.7 43.8 65.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.860 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY020745.D
Acq: 27 Dec 2024 17:31

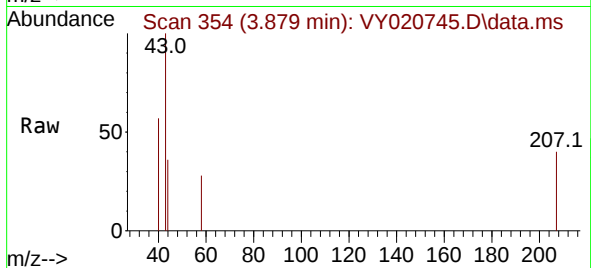
Tgt Ion: 59 Resp: 100
Ion Ratio Lower Upper
59 100
57 0.0 2.8 4.2#



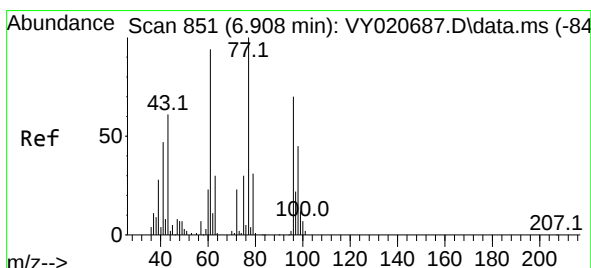
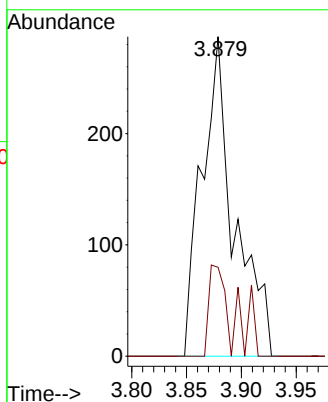
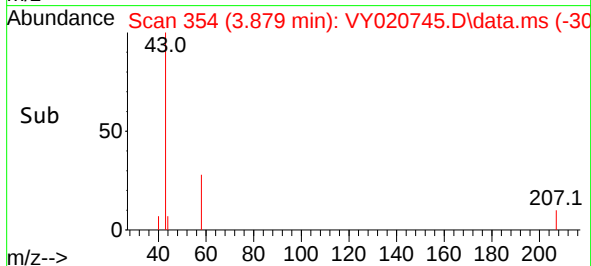


#16
Acetone
Concen: 4.498 ug/l
RT: 3.879 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY020745.D
Acq: 27 Dec 2024 17:31

Instrument :
MSVOA_Y
ClientSampleId :

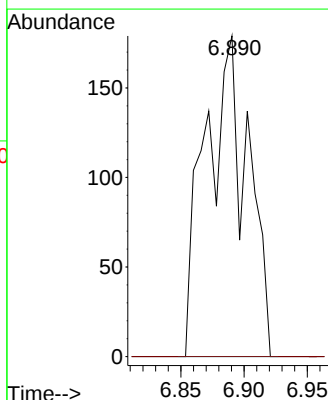
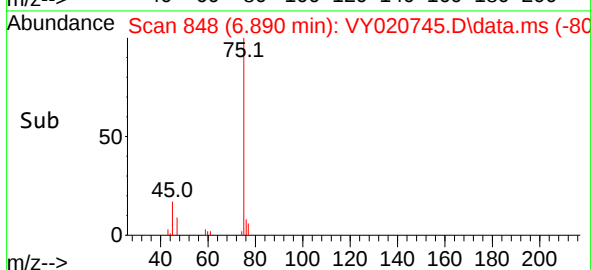
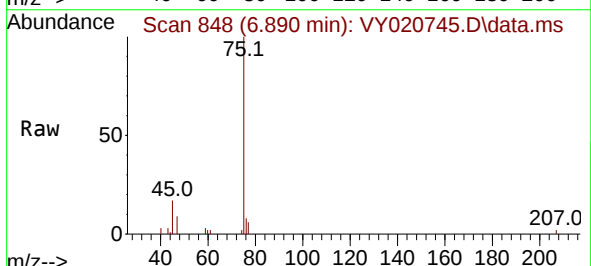


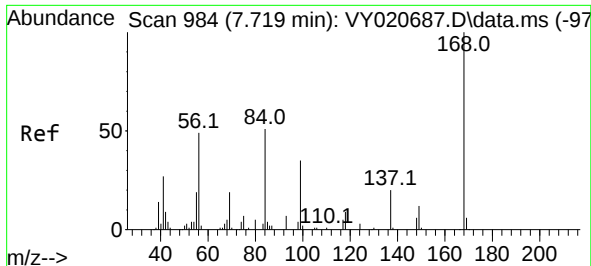
Tgt Ion: 43 Resp: 592
Ion Ratio Lower Upper
43 100
58 27.9 25.0 37.6



#25
2-Butanone
Concen: 2.346 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.018 min
Lab File: VY020745.D
Acq: 27 Dec 2024 17:31

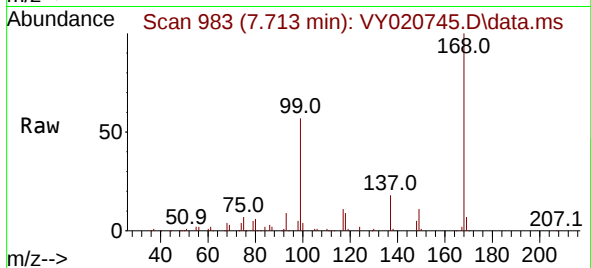
Tgt Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
72 0.0 29.5 44.3#



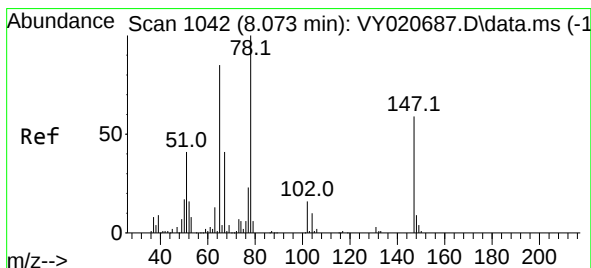
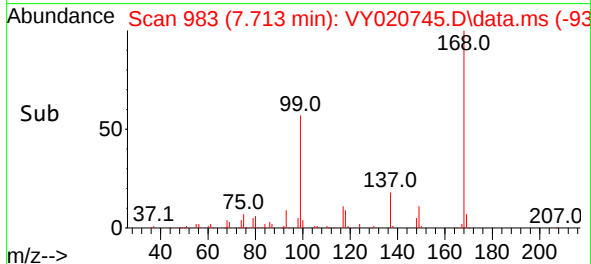
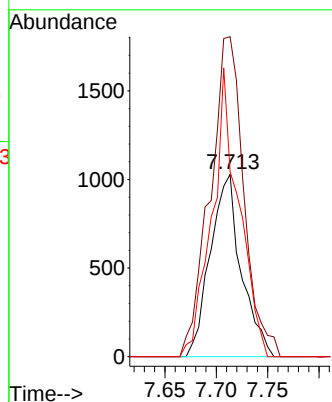


#31
Cyclohexane
Concen: 1.616 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020745.D
Acq: 27 Dec 2024 17:31

Instrument :
MSVOA_Y
ClientSampleId :

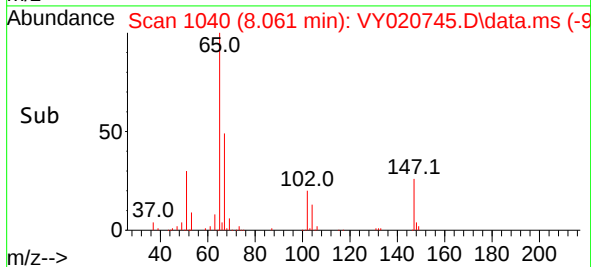
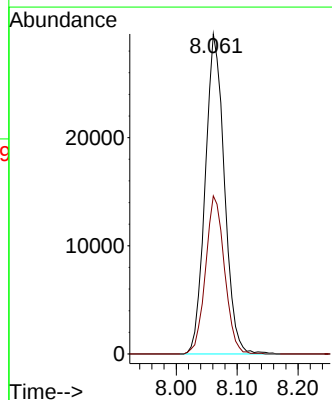
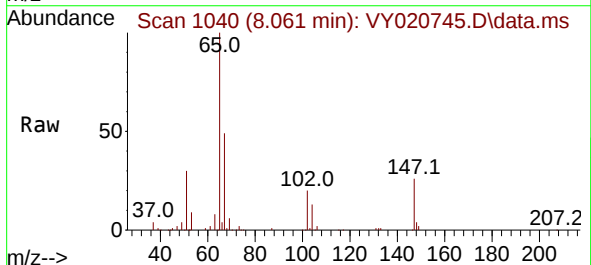


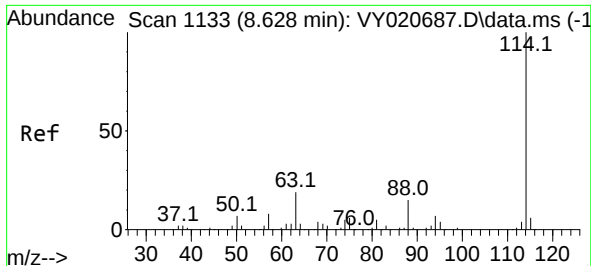
Tgt Ion: 56 Resp: 2153
Ion Ratio Lower Upper
56 100
69 175.5 31.3 46.9#
84 101.4 83.9 125.9



#33
1,2-Dichloroethane-d4
Concen: 62.413 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020745.D
Acq: 27 Dec 2024 17:31

Tgt Ion: 65 Resp: 64747
Ion Ratio Lower Upper
65 100
67 48.9 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1133

Delta R.T. -0.012 min

Lab File: VY020745.D

Acq: 27 Dec 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

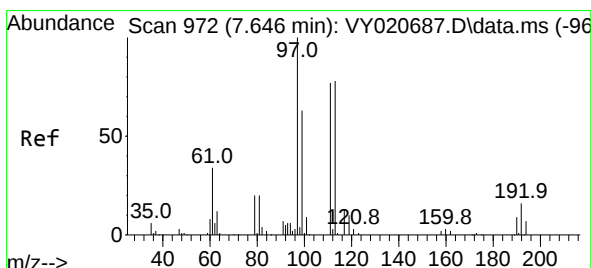
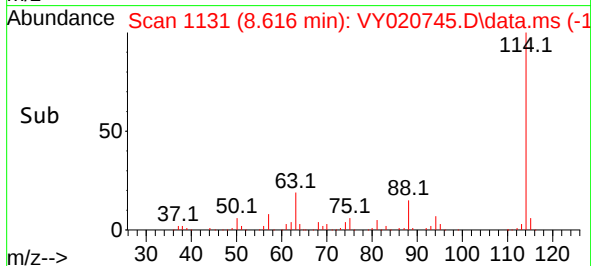
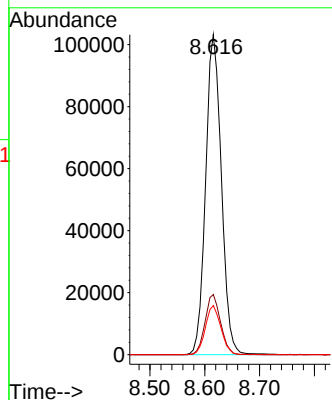
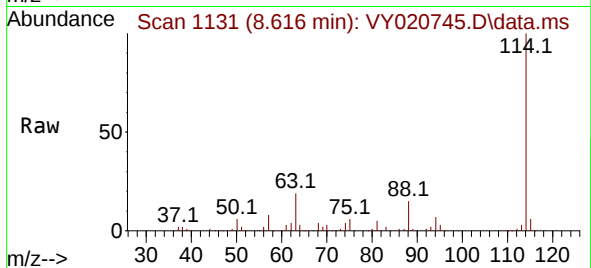
Tgt Ion:114 Resp: 205343

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

88 15.3 0.0 30.4



#35

Dibromofluoromethane

Concen: 56.918 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.006 min

Lab File: VY020745.D

Acq: 27 Dec 2024 17:31

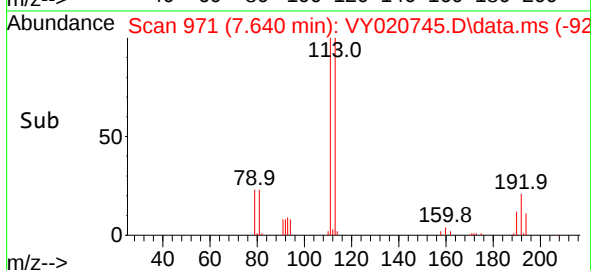
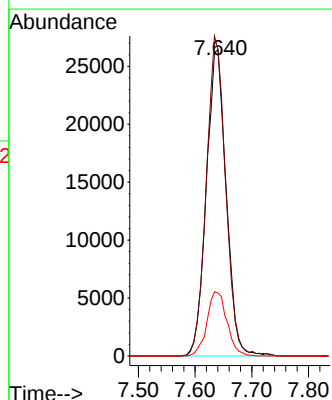
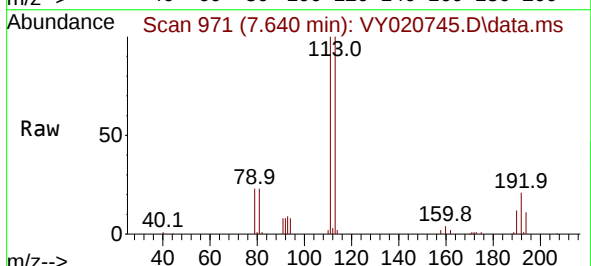
Tgt Ion:113 Resp: 64378

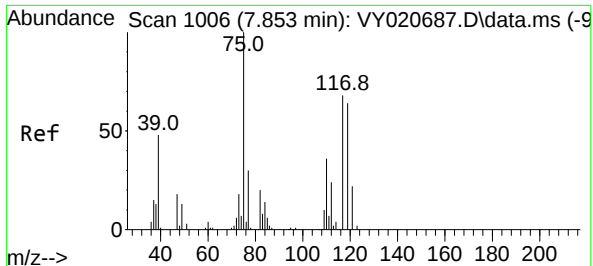
Ion Ratio Lower Upper

113 100

111 101.7 79.8 119.8

192 21.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.890 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.140 min

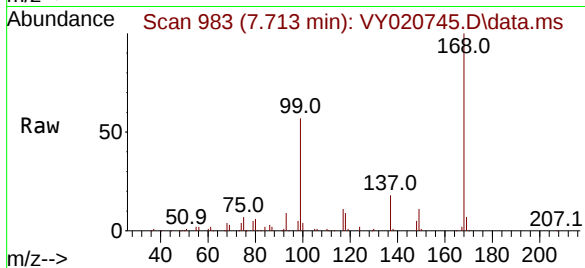
Lab File: VY020745.D

Acq: 27 Dec 2024 17:31

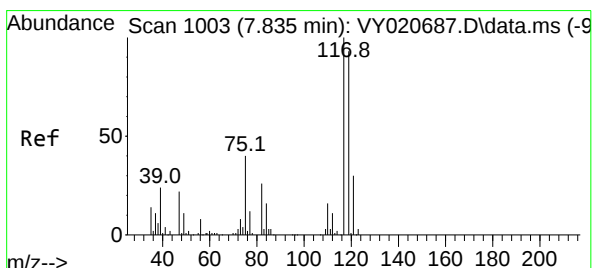
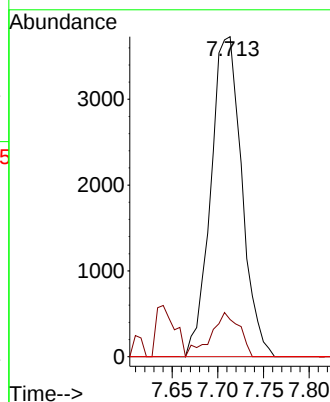
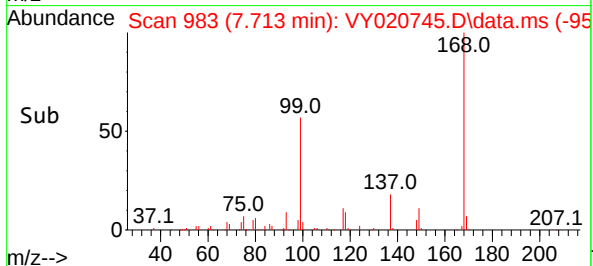
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	8800
Ion	Ratio	Lower	Upper
75	100		
110	11.7	19.6	58.7#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.244 ug/l

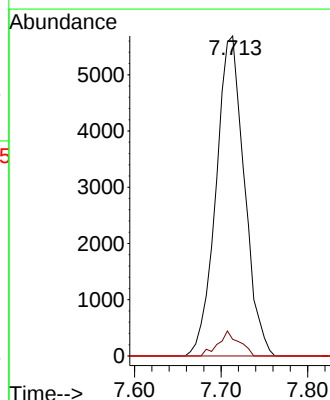
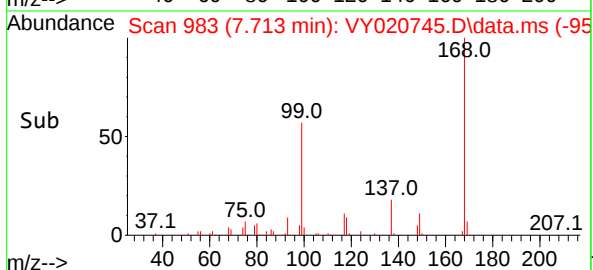
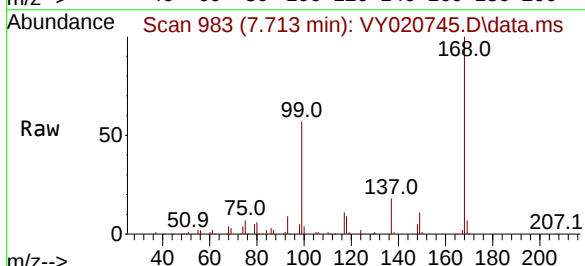
RT: 7.713 min Scan# 983

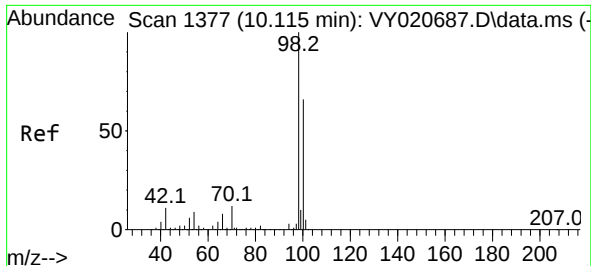
Delta R.T. -0.122 min

Lab File: VY020745.D

Acq: 27 Dec 2024 17:31

Tgt Ion:	117	Resp:	12901
Ion	Ratio	Lower	Upper
117	100		
119	5.2	74.4	111.6#
121	0.0	24.2	36.2#

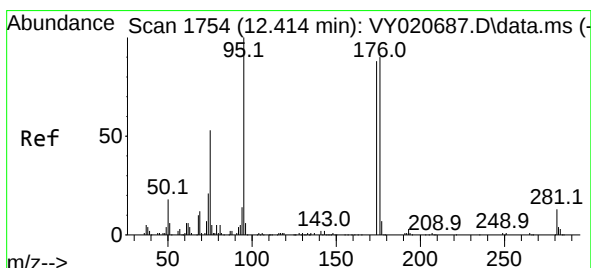
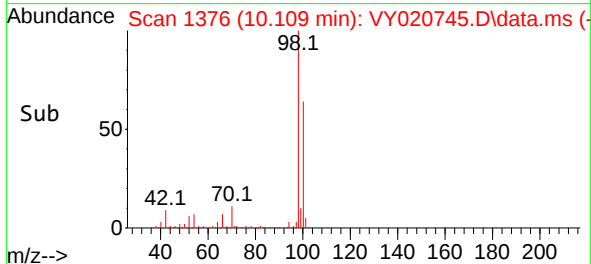
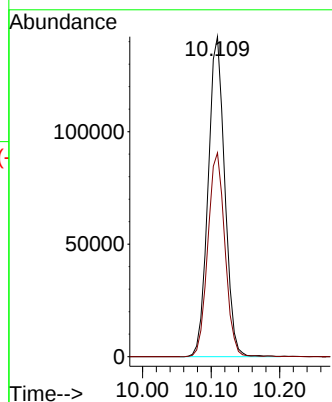
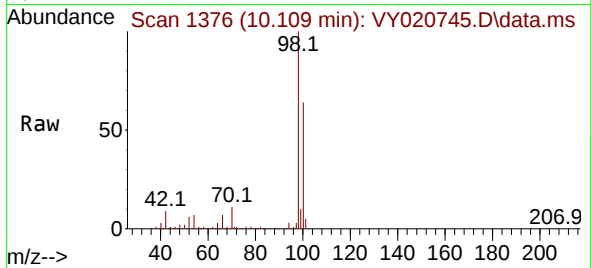




#50
Toluene-d8
Concen: 53.270 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020745.D
Acq: 27 Dec 2024 17:31

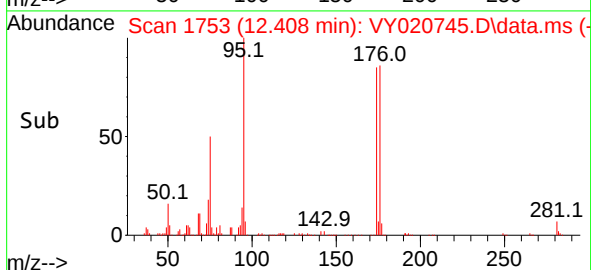
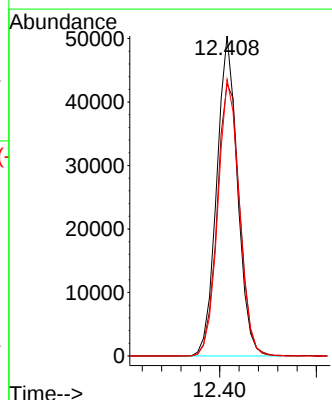
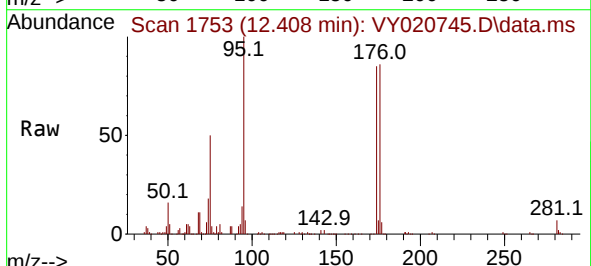
Instrument :
MSVOA_Y
ClientSampleId :

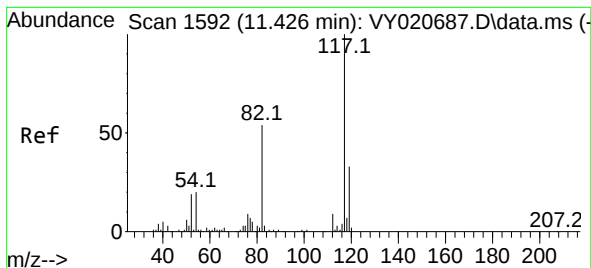
Tgt Ion: 98 Resp: 240124
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 49.944 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020745.D
Acq: 27 Dec 2024 17:31

Tgt Ion: 95 Resp: 75072
Ion Ratio Lower Upper
95 100
174 92.2 0.0 179.2
176 88.9 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020745.D

Acq: 27 Dec 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

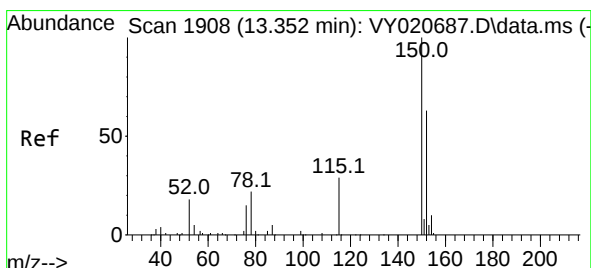
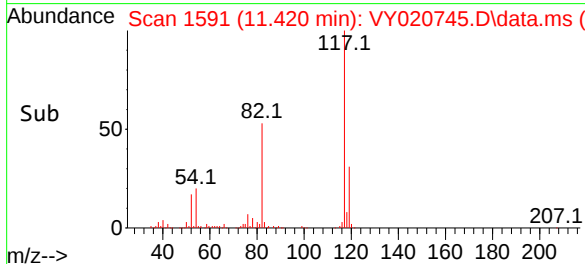
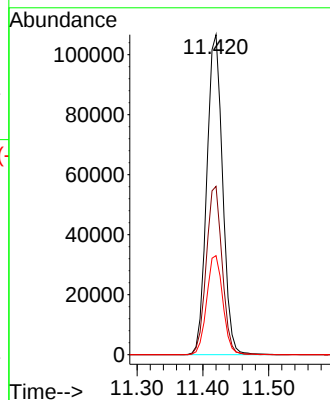
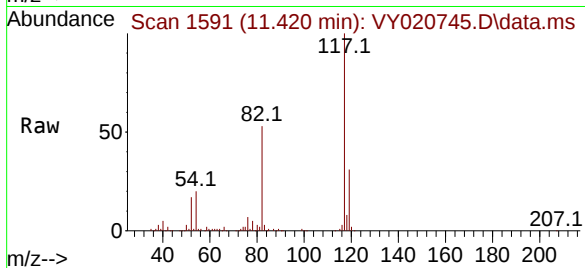
Tgt Ion:117 Resp: 178509

Ion Ratio Lower Upper

117 100

82 52.6 43.4 65.2

119 30.9 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.001 min

Lab File: VY020745.D

Acq: 27 Dec 2024 17:31

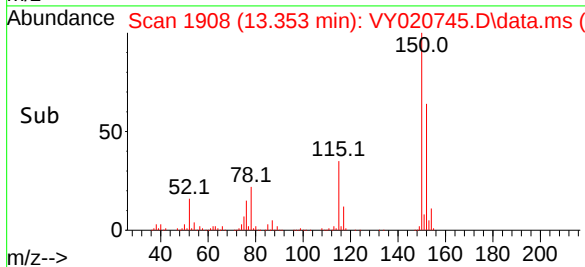
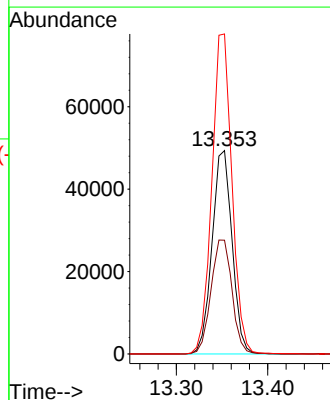
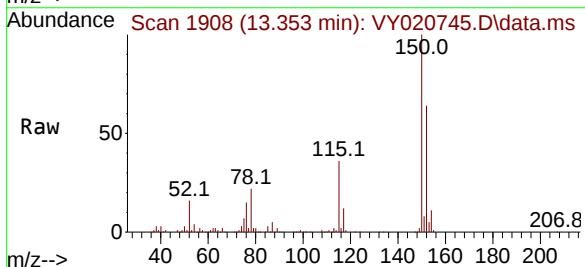
Tgt Ion:152 Resp: 75112

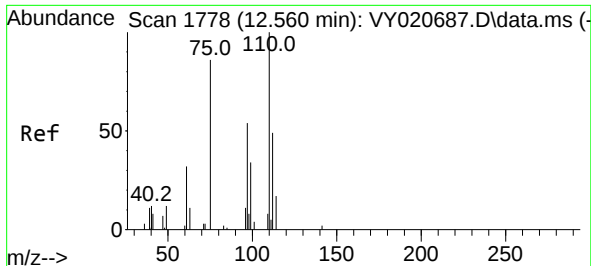
Ion Ratio Lower Upper

152 100

115 58.8 30.3 90.9

150 157.7 0.0 349.0

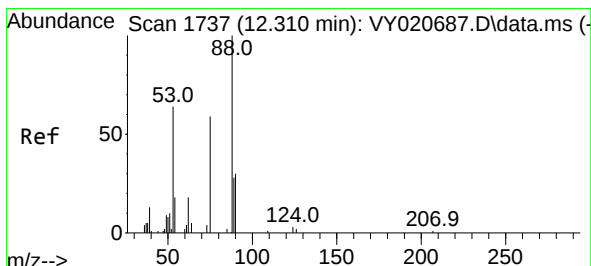
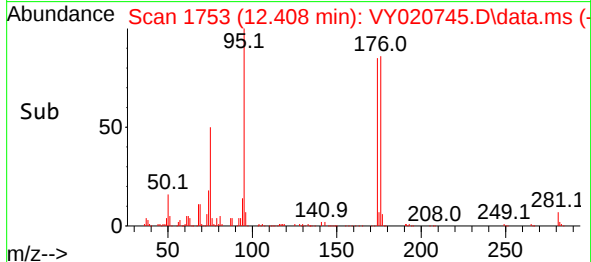
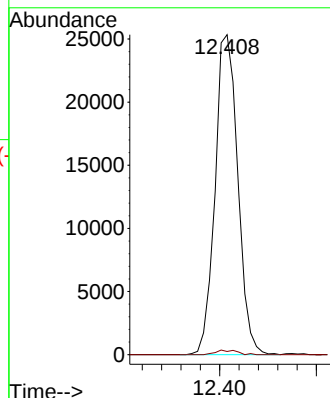
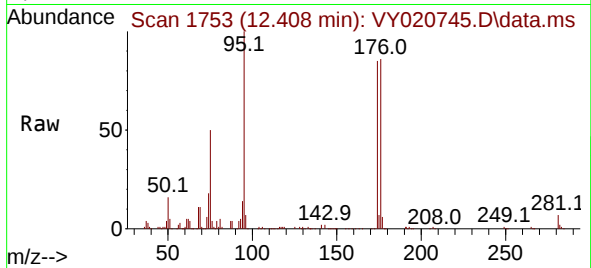




#76
1,2,3-Trichloropropane
Concen: 86.337 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020745.D
Acq: 27 Dec 2024 17:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 41245
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 170.654 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY020745.D
Acq: 27 Dec 2024 17:31

Tgt Ion: 75 Resp: 41245
Ion Ratio Lower Upper
75 100
53 0.0 83.1 124.7#
89 0.1 40.6 61.0#

