

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020734.D
 Acq On : 27 Dec 2024 12:55
 Operator : SY/MD
 Sample : P5382-02
 Misc : 5.37g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Dec 28 03:02:02 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)

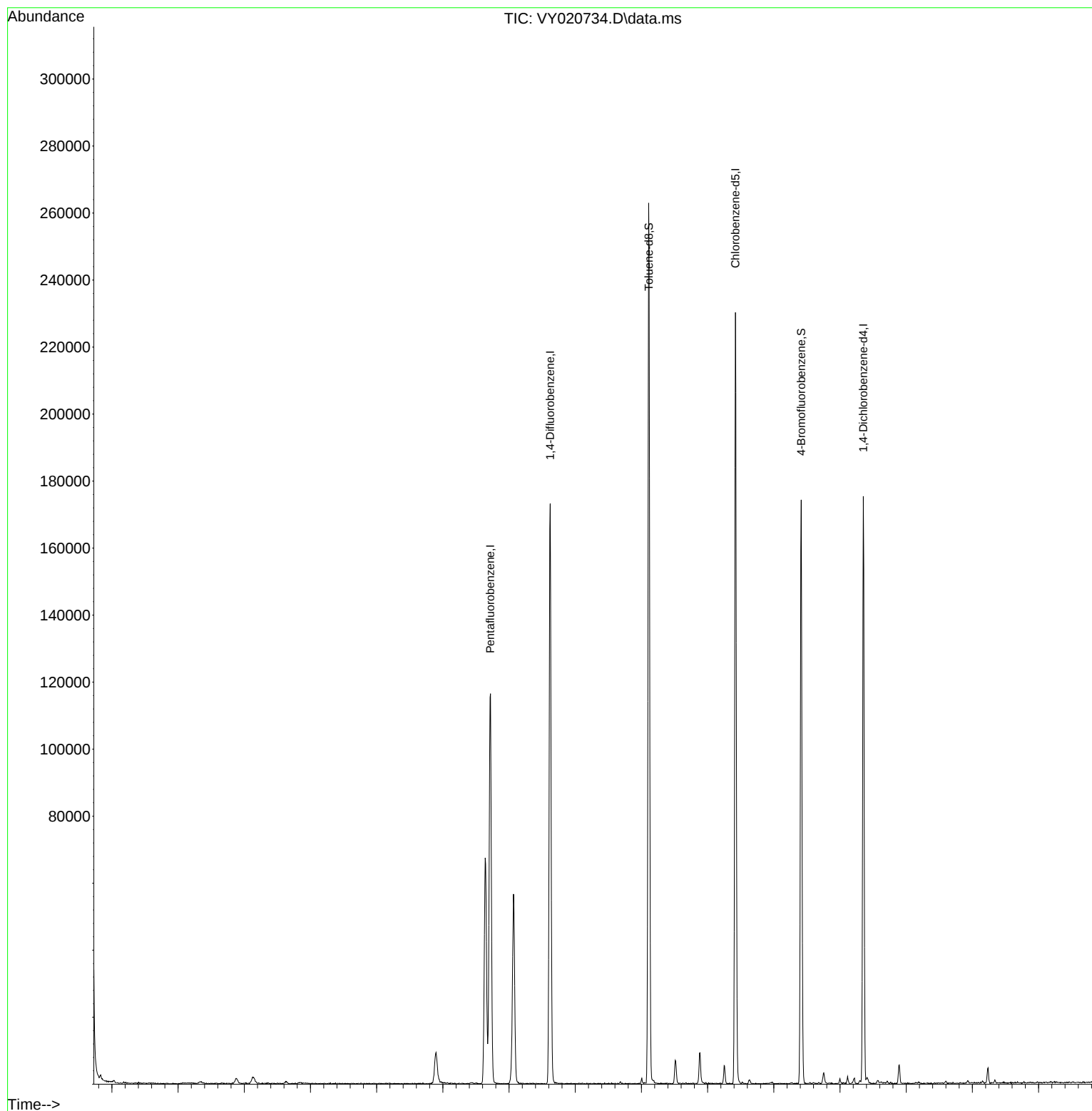
Internal Standards						
1) Pentafluorobenzene	7.713	168	91285	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.622	114	150432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	125625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	45053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	46658	62.401	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.800%
35) Dibromofluoromethane	7.640	113	47025	56.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.500%
50) Toluene-d8	10.109	98	174809	52.947	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.900%
62) 4-Bromofluorobenzene	12.414	95	49014	44.510	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.020%
Target Compounds						
16) Acetone	3.879	43	2888	30.447	ug/l	91
51) 4-Methyl-2-Pentanone	10.006	43	785	2.121	ug/l	92

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

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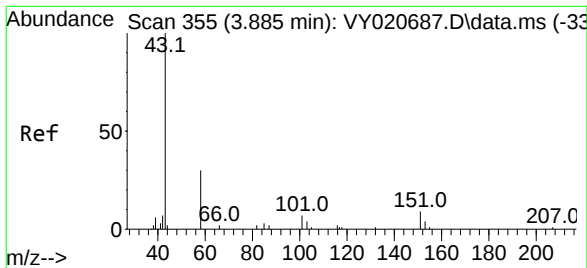
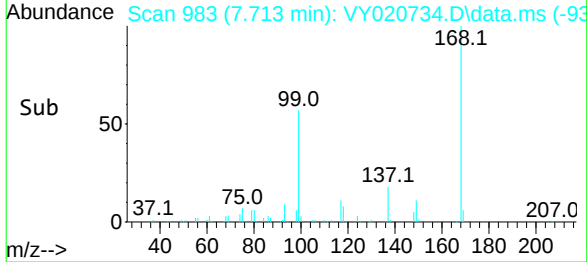
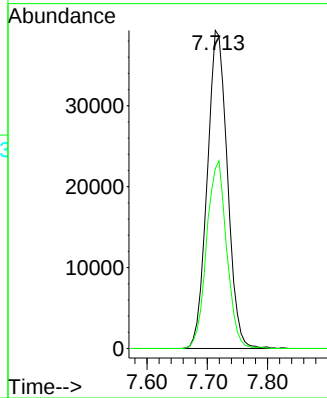
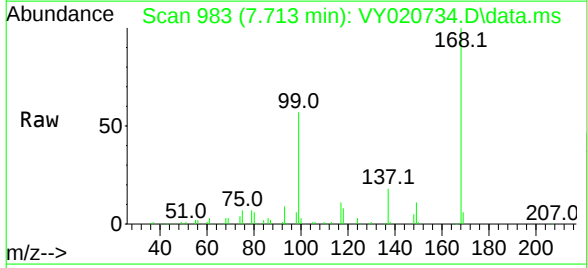




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020734.D
Acq: 27 Dec 2024 12:55

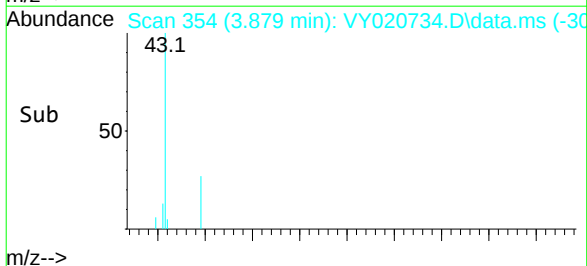
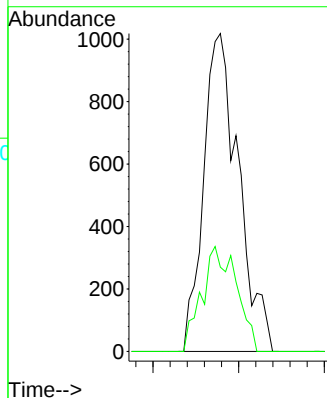
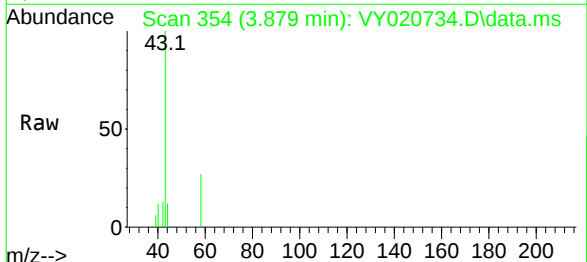
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

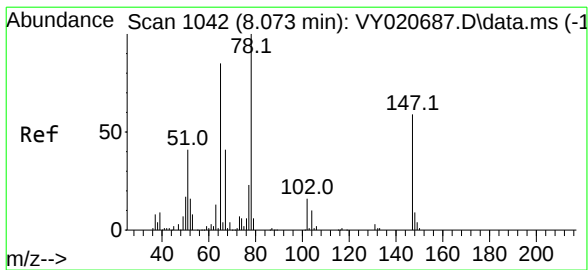
Tgt Ion:168 Resp: 91285
Ion Ratio Lower Upper
168 100
99 56.6 43.8 65.6



#16
Acetone
Concen: 30.447 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY020734.D
Acq: 27 Dec 2024 12:55

Tgt Ion: 43 Resp: 2888
Ion Ratio Lower Upper
43 100
58 26.5 25.0 37.6

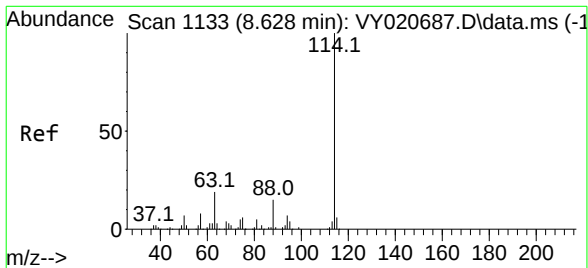
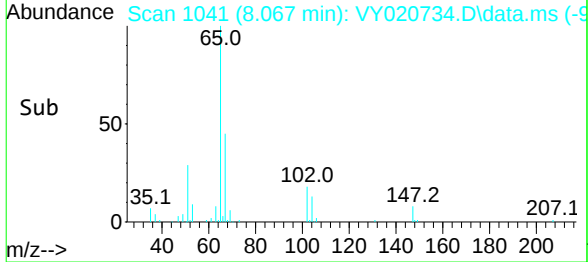
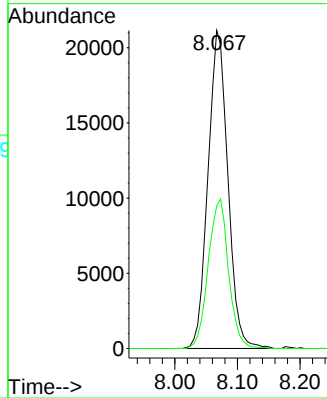
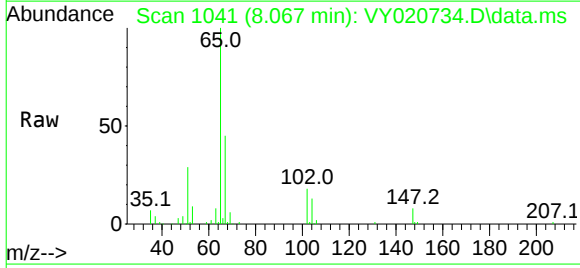




#33
1,2-Dichloroethane-d4
Concen: 62.401 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020734.D
Acq: 27 Dec 2024 12:55

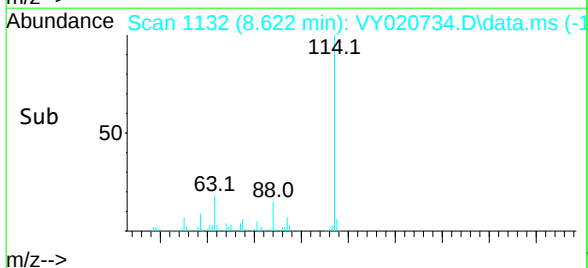
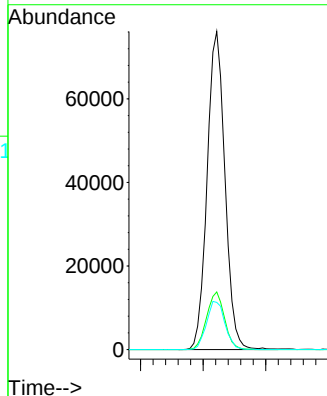
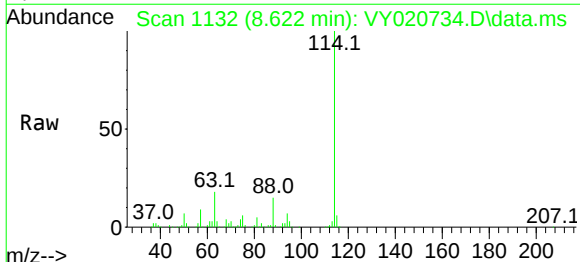
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

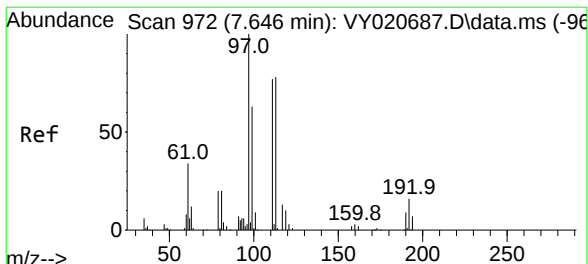
Tgt Ion: 65 Resp: 46658
Ion Ratio Lower Upper
65 100
67 48.0 0.0 98.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY020734.D
Acq: 27 Dec 2024 12:55

Tgt Ion: 114 Resp: 150432
Ion Ratio Lower Upper
114 100
63 18.1 0.0 38.4
88 14.8 0.0 30.4

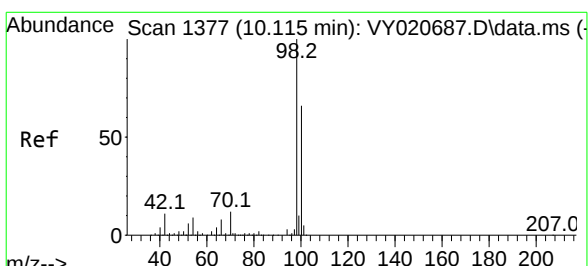
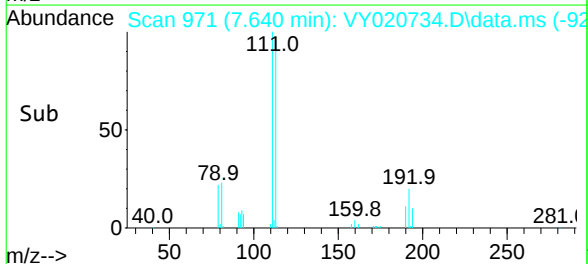
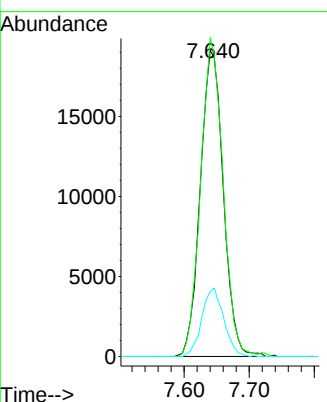
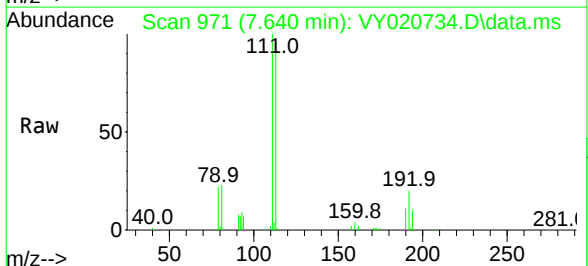




#35
 Dibromofluoromethane
 Concen: 56.752 ug/l
 RT: 7.640 min Scan# 97
 Delta R.T. -0.006 min
 Lab File: VY020734.D
 Acq: 27 Dec 2024 12:55

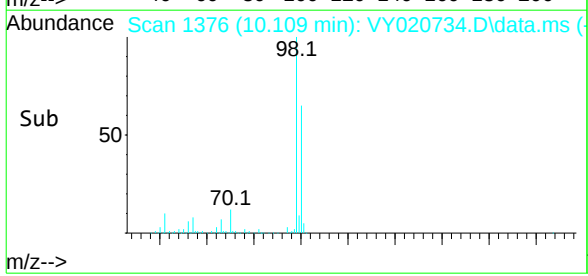
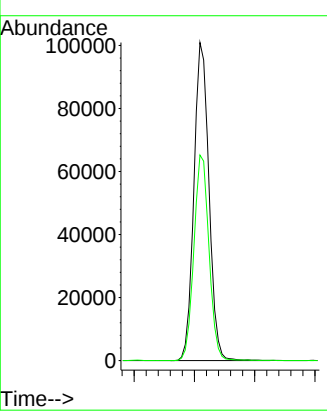
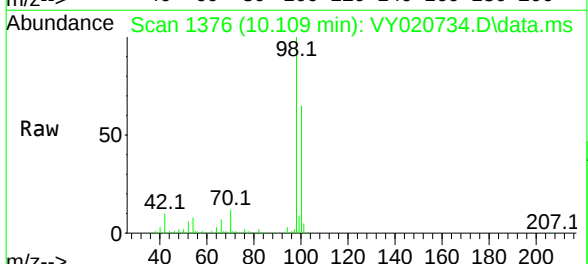
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

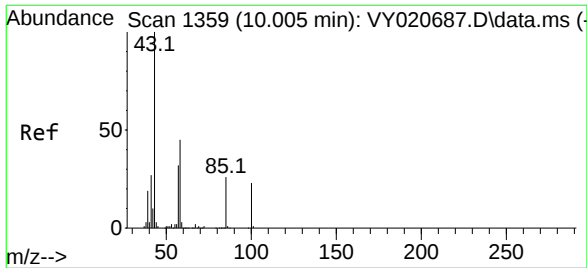
Tgt Ion:	113	Resp:	47025
Ion	Ratio	Lower	Upper
113	100		
111	100.9	79.8	119.8
192	21.3	17.0	25.6



#50
 Toluene-d8
 Concen: 52.947 ug/l
 RT: 10.109 min Scan# 1376
 Delta R.T. -0.006 min
 Lab File: VY020734.D
 Acq: 27 Dec 2024 12:55

Tgt Ion:	98	Resp:	174809
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4

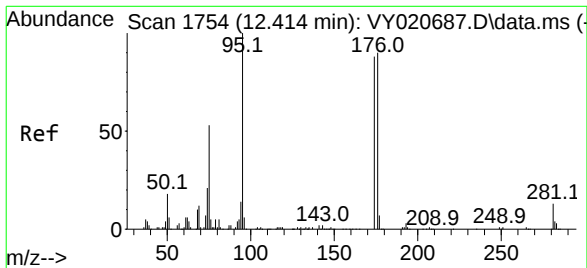
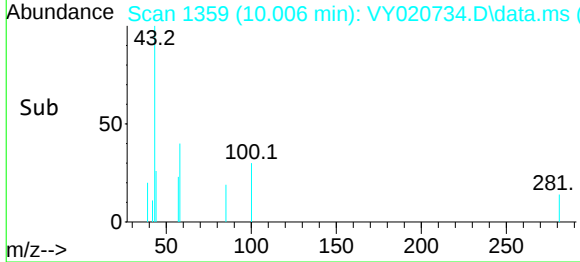
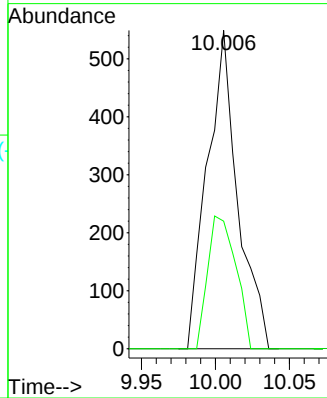
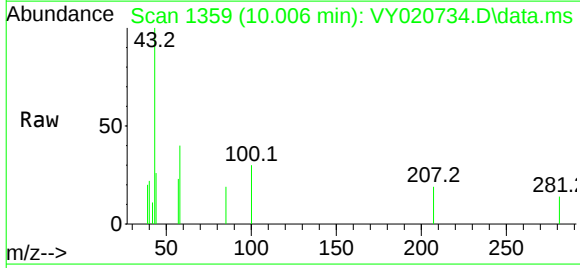




#51
4-Methyl-2-Pentanone
Concen: 2.121 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.001 min
Lab File: VY020734.D
Acq: 27 Dec 2024 12:55

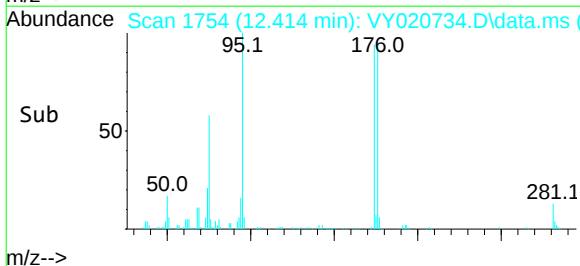
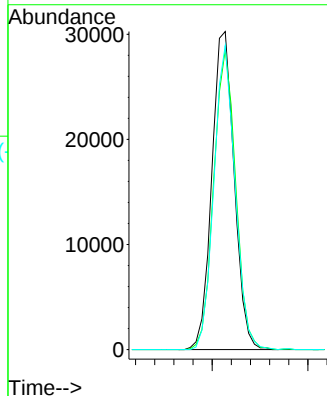
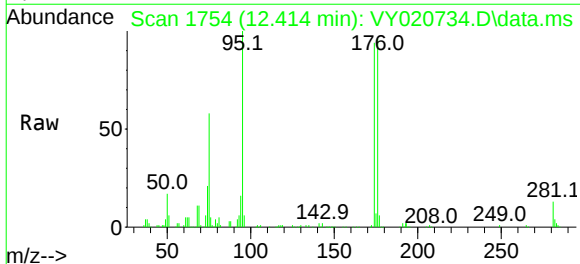
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

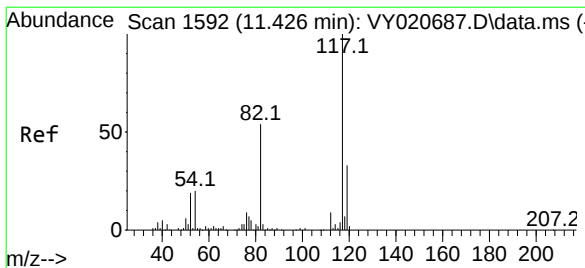
Tgt Ion: 43 Resp: 785
Ion Ratio Lower Upper
43 100
58 38.5 35.1 52.7



#62
4-Bromofluorobenzene
Concen: 44.510 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020734.D
Acq: 27 Dec 2024 12:55

Tgt Ion: 95 Resp: 49014
Ion Ratio Lower Upper
95 100
174 92.5 0.0 179.2
176 90.7 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1592

Delta R.T. -0.006 min

Lab File: VY020734.D

Acq: 27 Dec 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

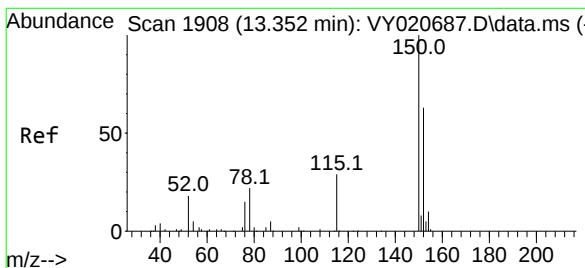
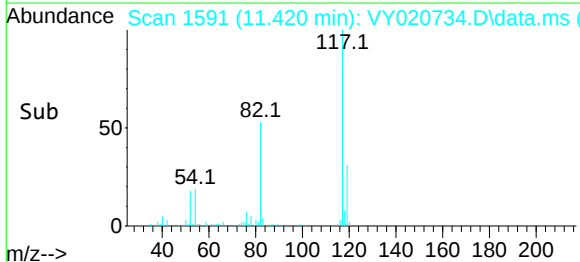
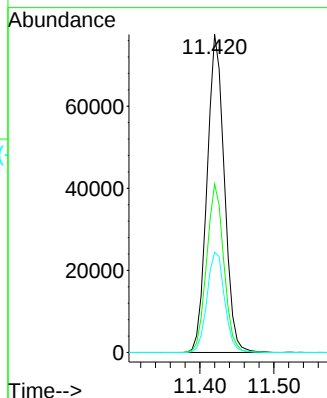
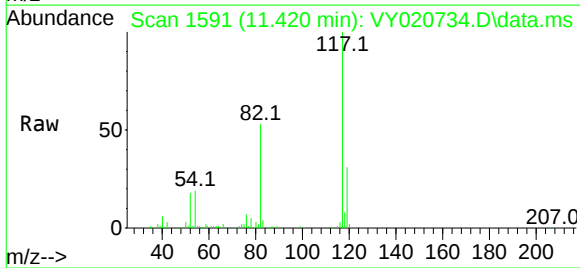
Tgt Ion:117 Resp: 125625

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.2

119 31.5 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: VY020734.D

Acq: 27 Dec 2024 12:55

Tgt Ion:152 Resp: 45053

Ion Ratio Lower Upper

152 100

115 60.1 30.3 90.9

150 159.8 0.0 349.0

