

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120424\
 Data File : VY020509.D
 Acq On : 04 Dec 2024 12:09
 Operator : SY/MD
 Sample : P5072-03
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-737-VOC

Quant Time: Dec 05 04:32:21 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)

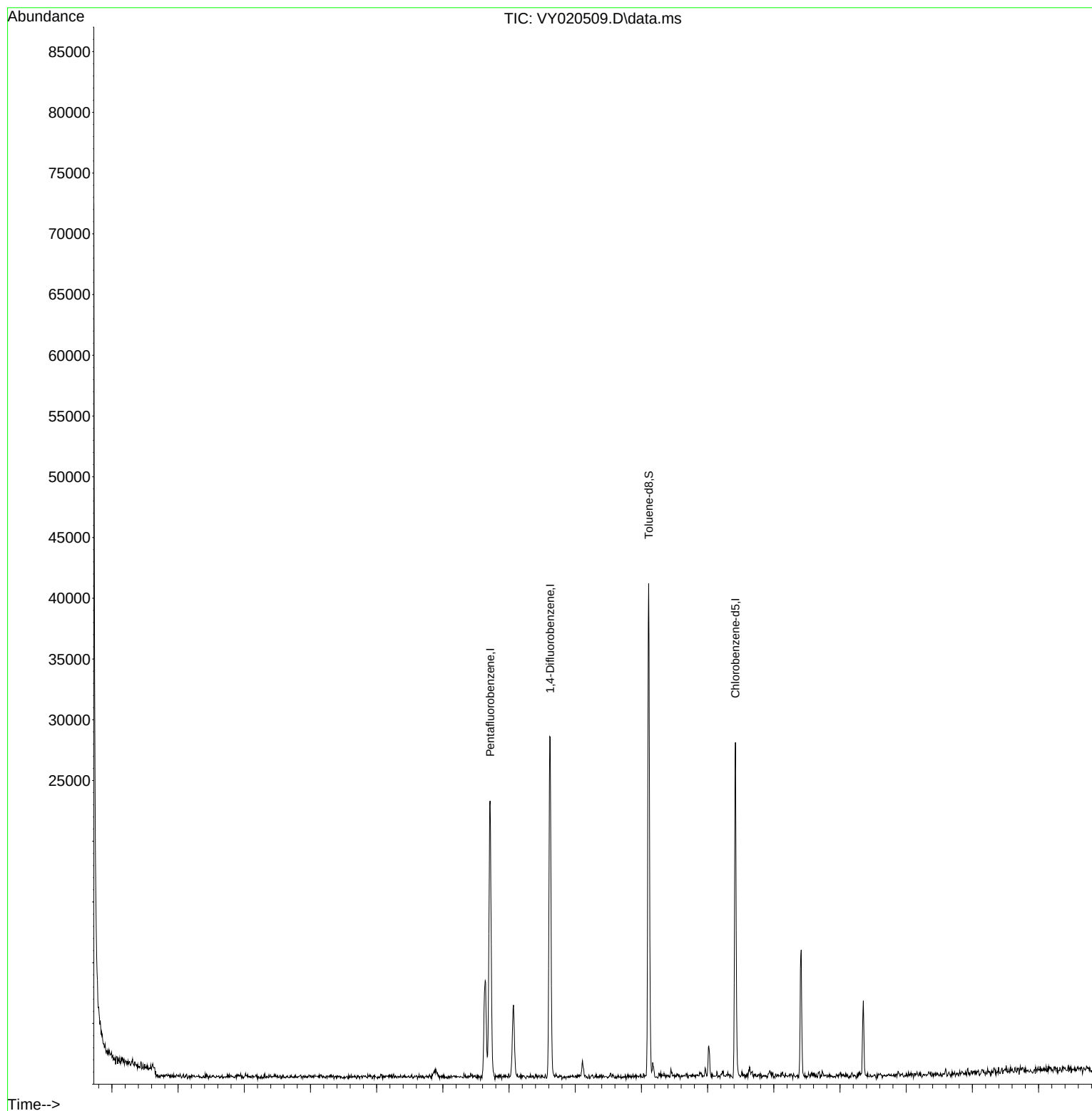
Internal Standards						
1) Pentafluorobenzene	7.713	168	17597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	25871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	14589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	1722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	4813	26.894	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	53.780%
35) Dibromofluoromethane	7.646	113	6261	38.442	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.880%
50) Toluene-d8	10.109	98	27052	43.619	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.240%
62) 4-Bromofluorobenzene	12.414	95	3539	16.316	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	32.640%
Target Compounds						
39) Methylcyclohexane	9.109	83	630	1.846	ug/l	Qvalue 87

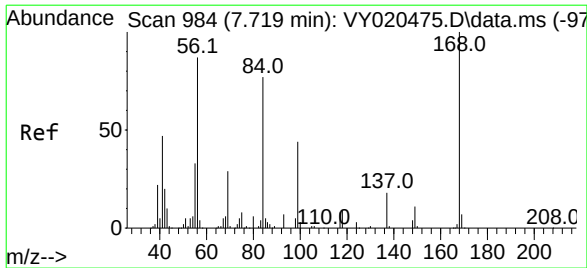
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120424\
Data File : VY020509.D
Acq On : 04 Dec 2024 12:09
Operator : SY/MD
Sample : P5072-03
Misc : 5.30g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-737-VOC

Quant Time: Dec 05 04:32:21 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

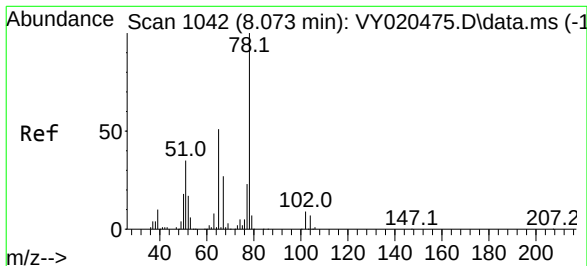
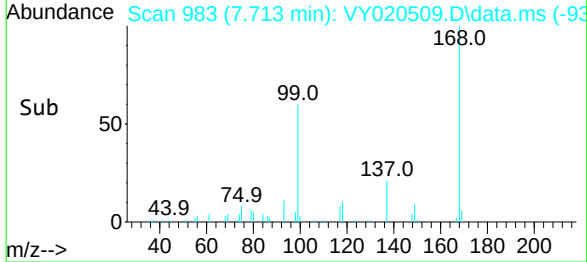
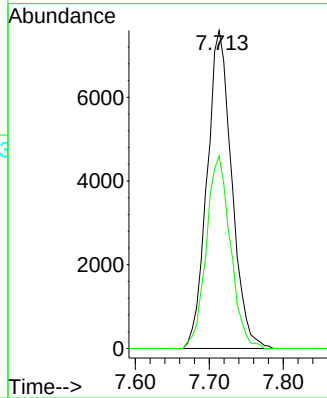
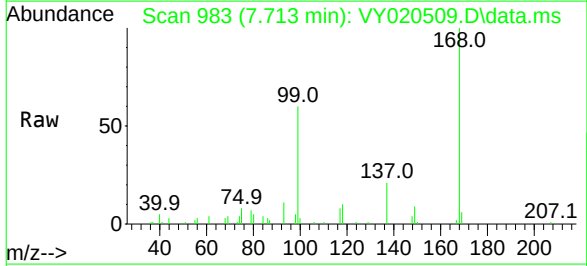




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020509.D
Acq: 04 Dec 2024 12:09

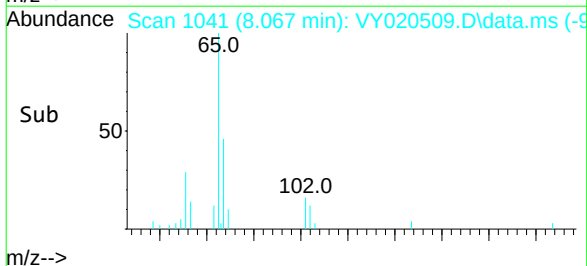
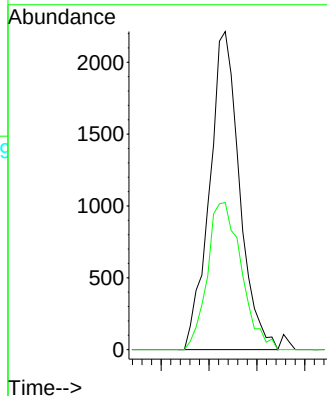
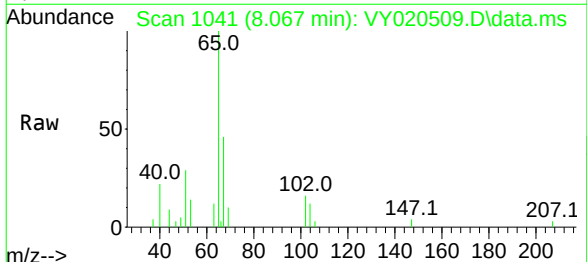
Instrument :
MSVOA_Y
ClientSampleId :
MH-737-VOC

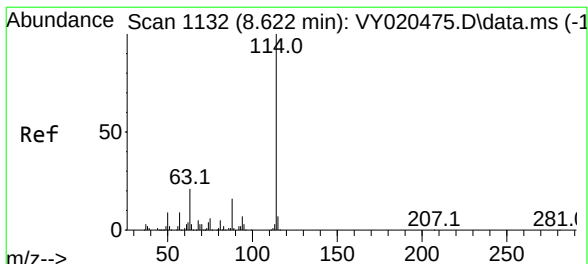
Tgt Ion:168 Resp: 17597
Ion Ratio Lower Upper
168 100
99 60.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 26.894 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020509.D
Acq: 04 Dec 2024 12:09

Tgt Ion: 65 Resp: 4813
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.8

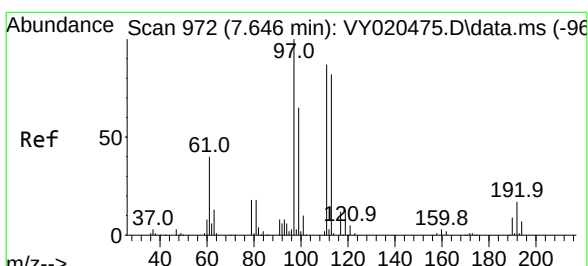
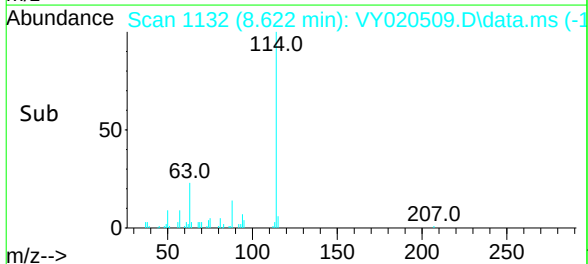
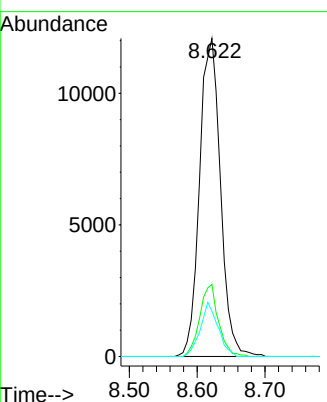
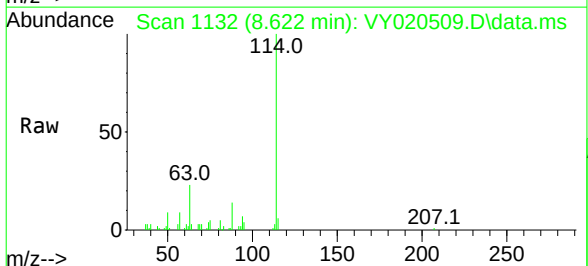




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 111
 Delta R.T. -0.000 min
 Lab File: VY020509.D
 Acq: 04 Dec 2024 12:09

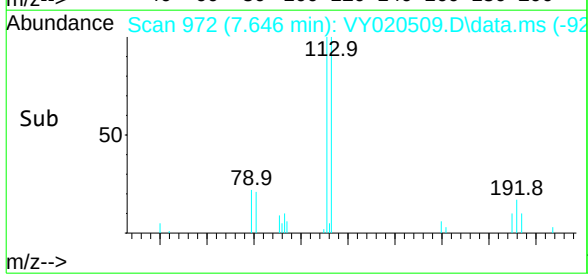
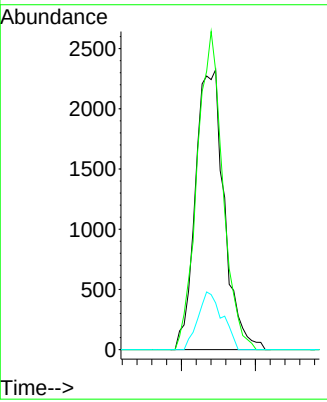
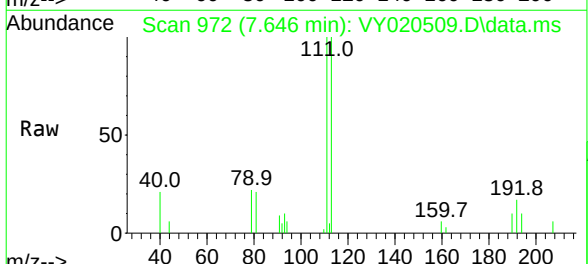
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-737-VOC

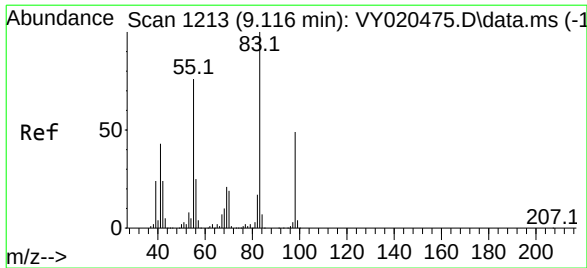
Tgt Ion:	114	Resp:	25871
Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	44.8
88	14.3	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 38.442 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. -0.000 min
 Lab File: VY020509.D
 Acq: 04 Dec 2024 12:09

Tgt Ion:	113	Resp:	6261
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.0
192	17.6	15.1	22.7

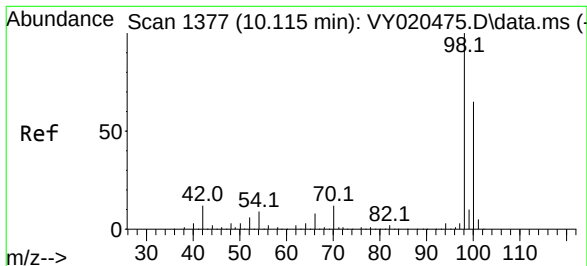
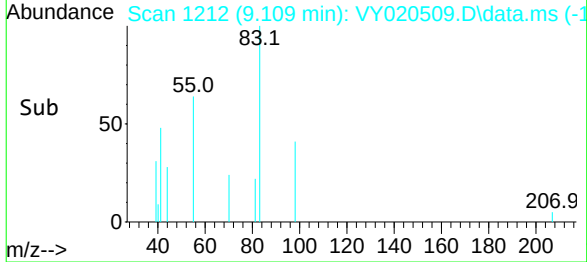
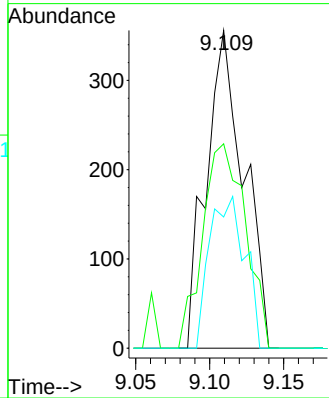
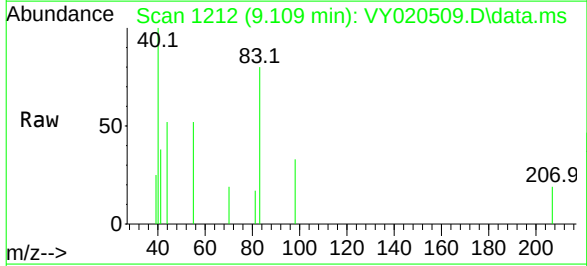




#39
Methylcyclohexane
Concen: 1.846 ug/l
RT: 9.109 min Scan# 1213
Delta R.T. -0.006 min
Lab File: VY020509.D
Acq: 04 Dec 2024 12:09

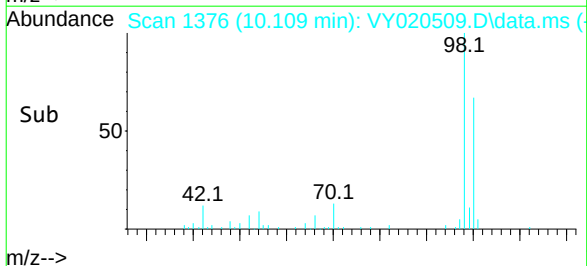
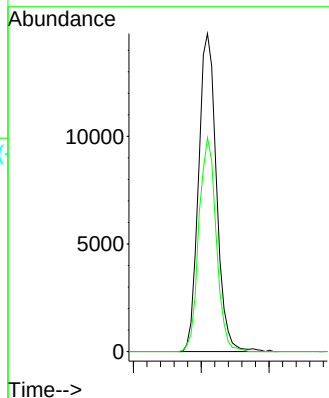
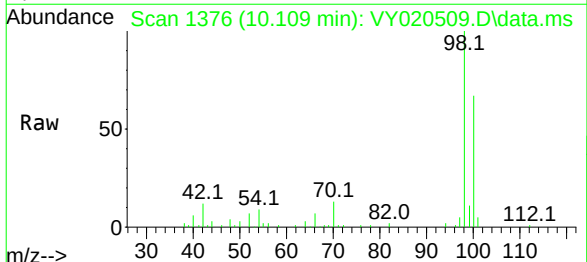
Instrument :
MSVOA_Y
ClientSampleId :
MH-737-VOC

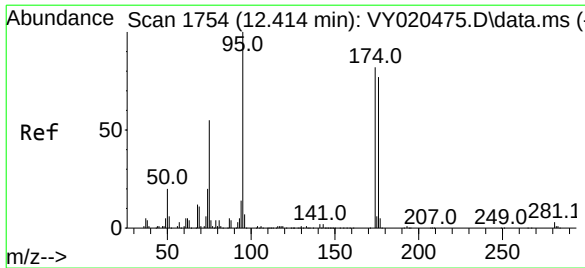
Tgt Ion:	83	Resp:	630
Ion	Ratio	Lower	Upper
83	100		
55	64.3	62.6	93.8
98	41.3	37.0	55.4



#50
Toluene-d8
Concen: 43.619 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY020509.D
Acq: 04 Dec 2024 12:09

Tgt Ion:	98	Resp:	27052
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.3	76.9

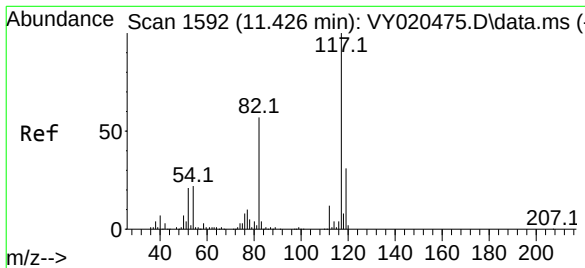
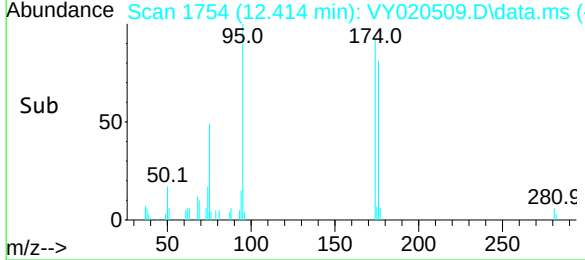
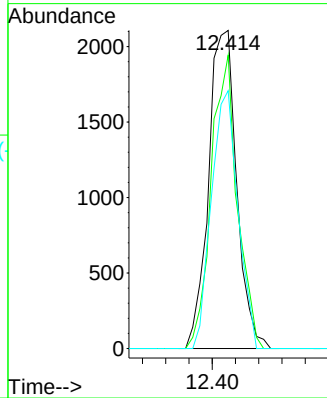
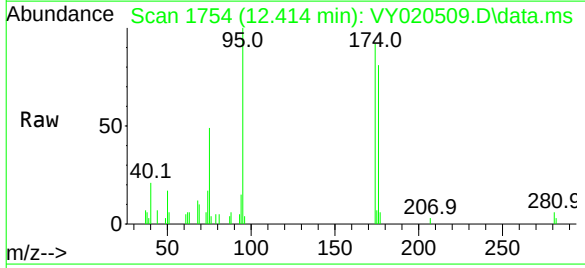




#62
4-Bromofluorobenzene
Concen: 16.316 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020509.D
Acq: 04 Dec 2024 12:09

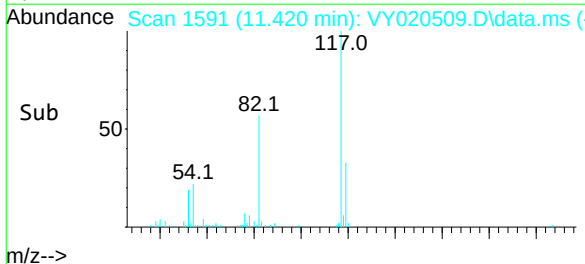
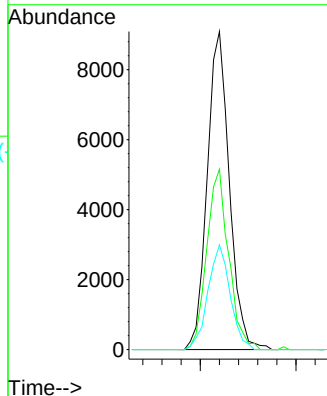
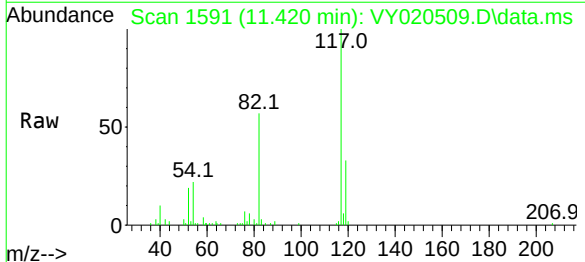
Instrument :
MSVOA_Y
ClientSampleId :
MH-737-VOC

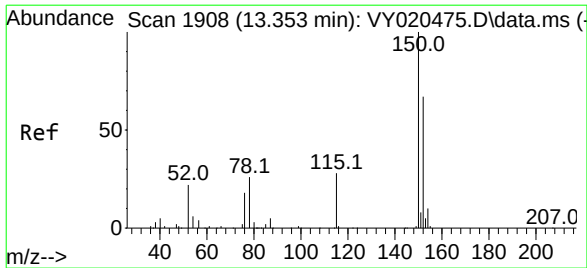
Tgt Ion:	95	Resp:	3539
Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	156.8
176	76.5	0.0	152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY020509.D
Acq: 04 Dec 2024 12:09

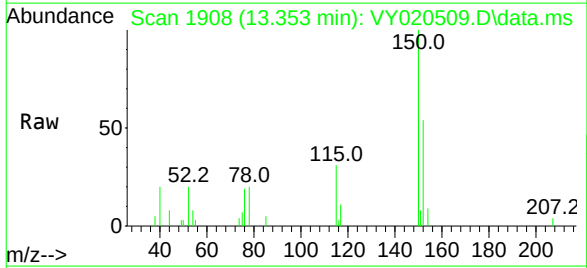
Tgt Ion:	117	Resp:	14589
Ion	Ratio	Lower	Upper
117	100		
82	56.7	48.2	72.4
119	32.9	25.8	38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VY020509.D
 Acq: 04 Dec 2024 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-737-VOC



Tgt Ion:	152	Resp:	1722
Ion	Ratio	Lower	Upper
152	100		
115	56.3	30.0	90.0
150	149.9	0.0	348.2

