

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020205.D
 Acq On : 07 Nov 2024 14:33
 Operator : SY/MD
 Sample : P4706-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-110424

Quant Time: Nov 07 15:05:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

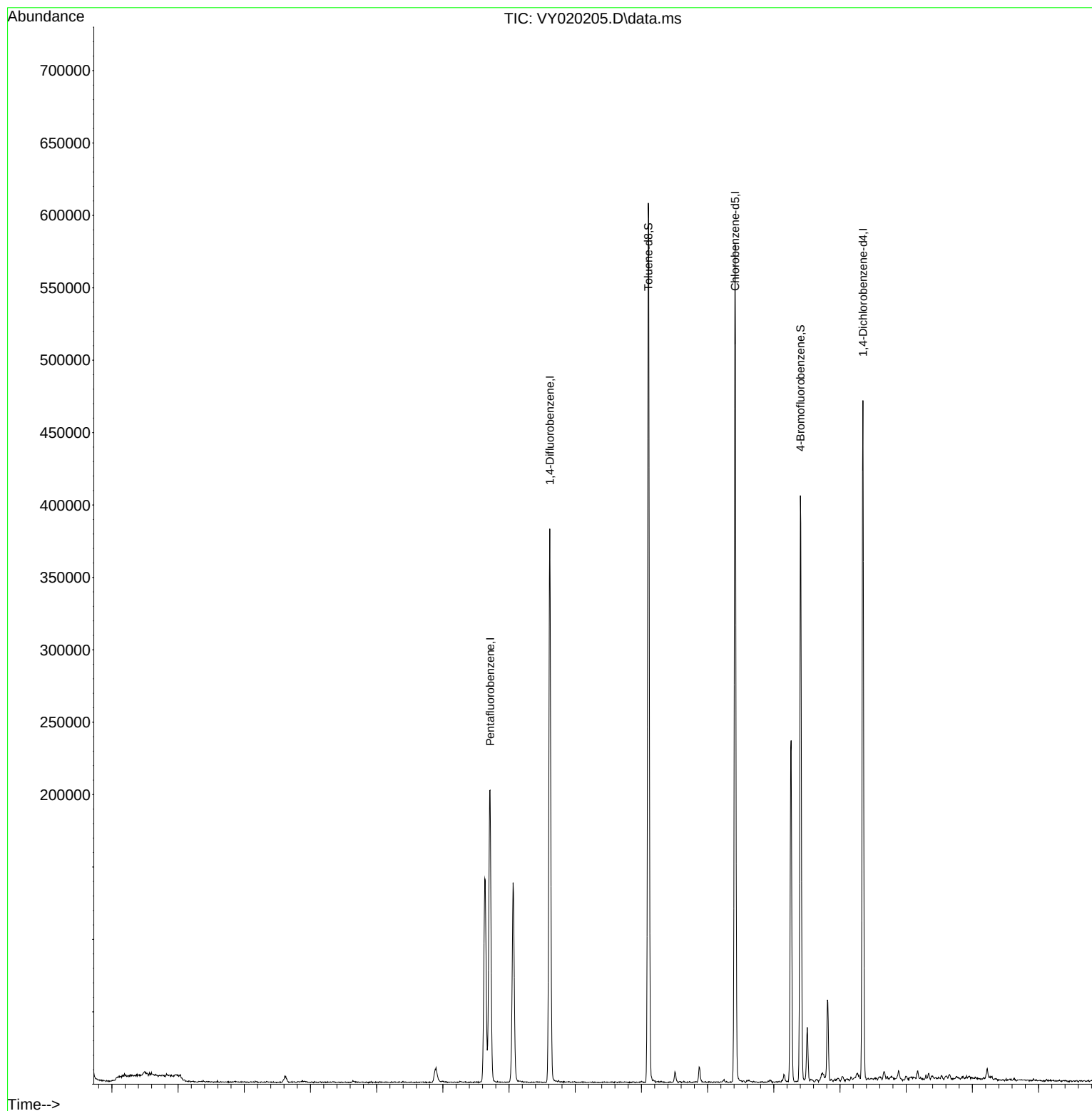
Internal Standards						
1) Pentafluorobenzene	7.713	168	139893	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	300044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	276117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	99781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	101905	58.366	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	116.740%	
35) Dibromofluoromethane	7.640	113	101163	53.030	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	106.060%	
50) Toluene-d8	10.103	98	372949	49.115	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	98.220%	
62) 4-Bromofluorobenzene	12.401	95	116554	47.256	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	=	94.520%	
Target Compounds						
20) Methylene Chloride	4.616	84	2503	1.372	ug/l	Qvalue 88

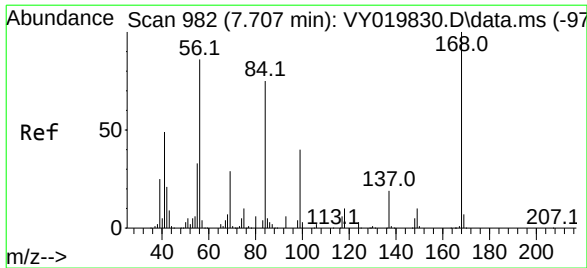
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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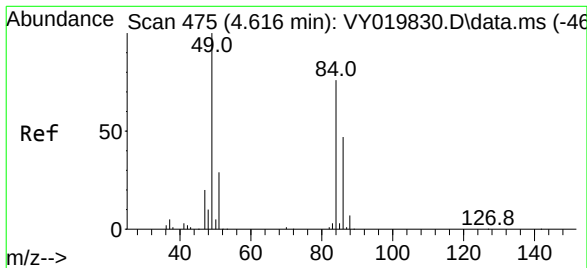
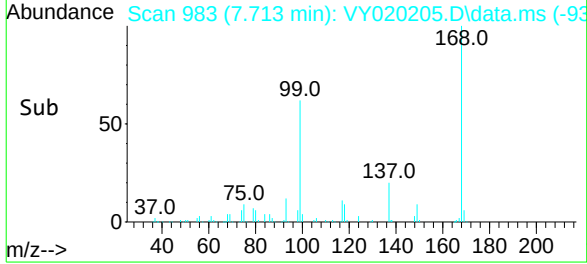
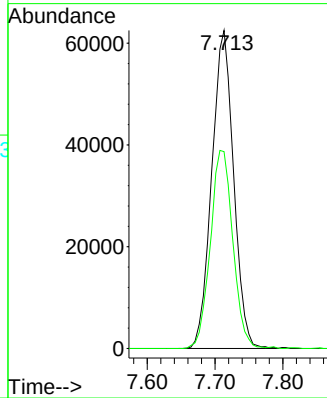
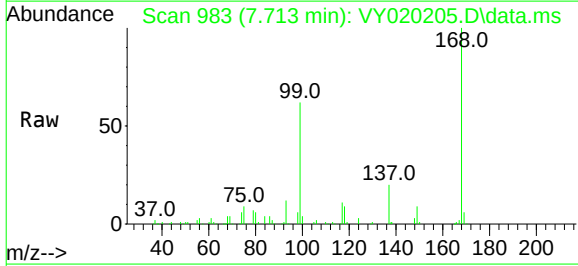




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020205.D
Acq: 07 Nov 2024 14:33

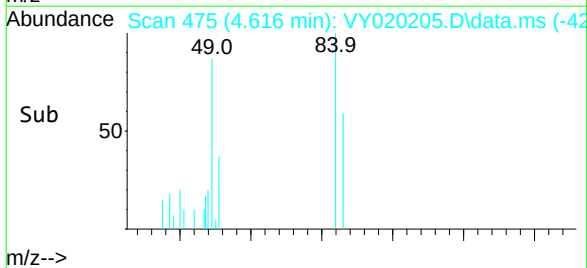
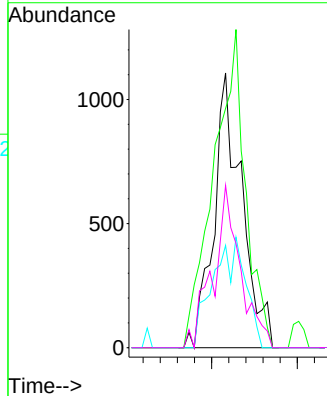
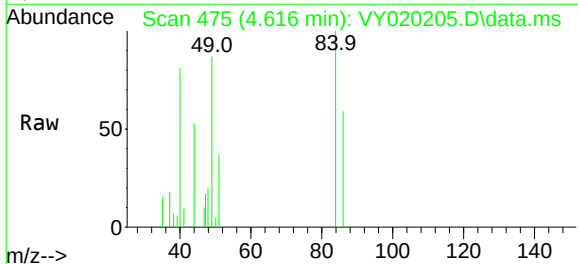
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-110424

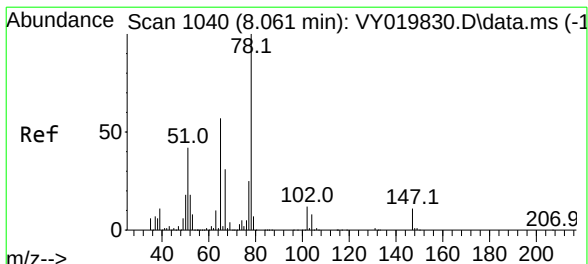
Tgt Ion:168 Resp: 139893
Ion Ratio Lower Upper
168 100
99 61.9 39.1 58.7#



#20
Methylene Chloride
Concen: 1.372 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020205.D
Acq: 07 Nov 2024 14:33

Tgt Ion: 84 Resp: 2503
Ion Ratio Lower Upper
84 100
49 87.1 84.4 126.6
51 37.2 26.0 39.0
86 59.1 49.5 74.3

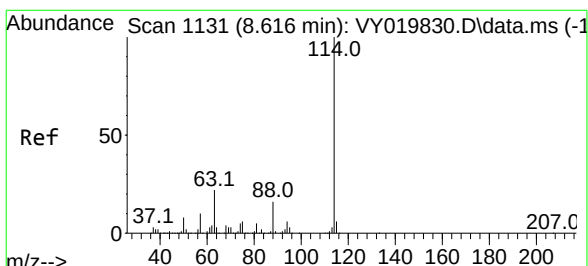
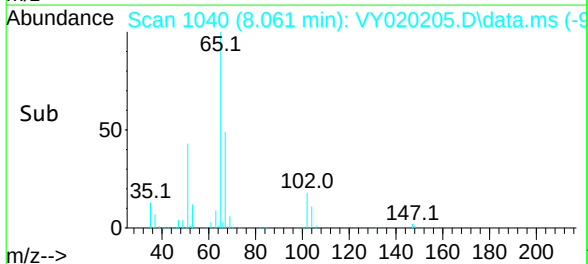
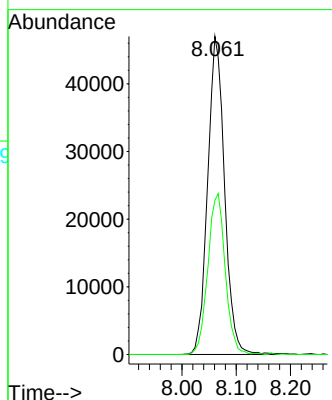
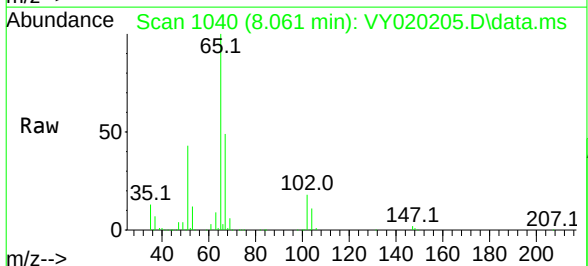




#33
 1,2-Dichloroethane-d4
 Concen: 58.366 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY020205.D
 Acq: 07 Nov 2024 14:33

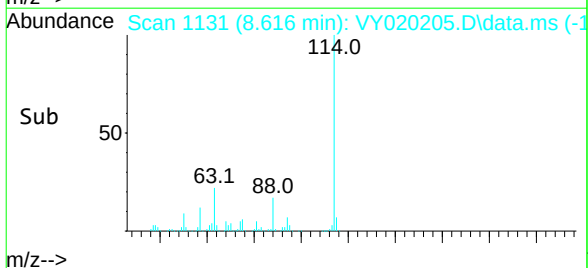
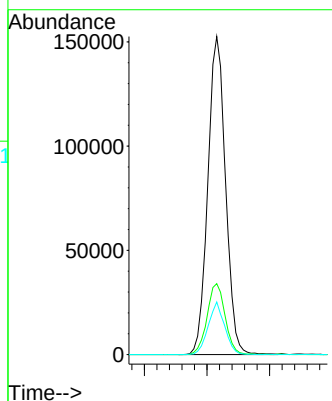
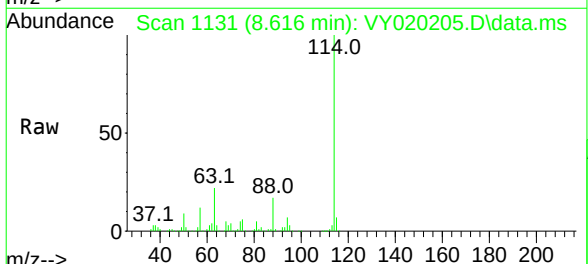
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-110424

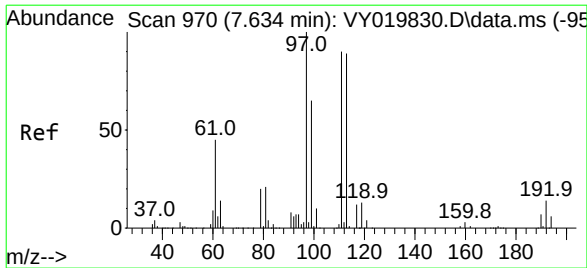
Tgt Ion: 65 Resp: 101905
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020205.D
 Acq: 07 Nov 2024 14:33

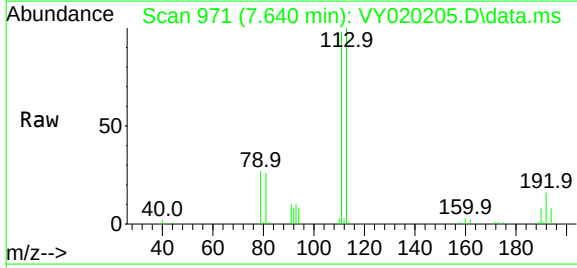
Tgt Ion: 114 Resp: 300044
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 35.0
 88 16.5 0.0 27.2



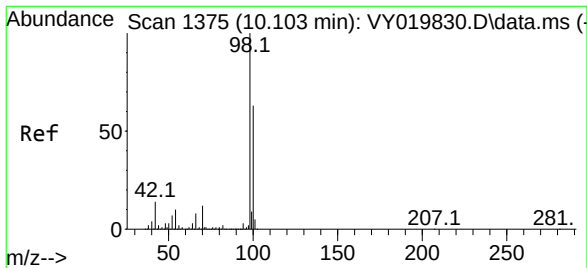
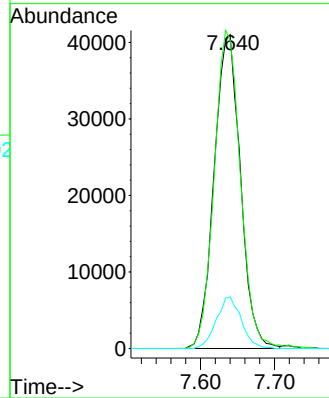
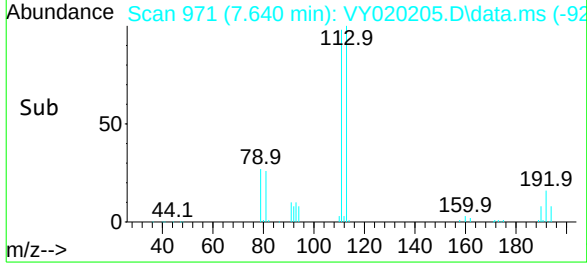


#35
Dibromofluoromethane
Concen: 53.030 ug/l
RT: 7.640 min Scan# 97
Delta R.T. 0.006 min
Lab File: VY020205.D
Acq: 07 Nov 2024 14:33

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-110424

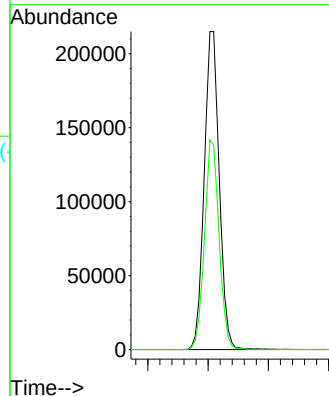
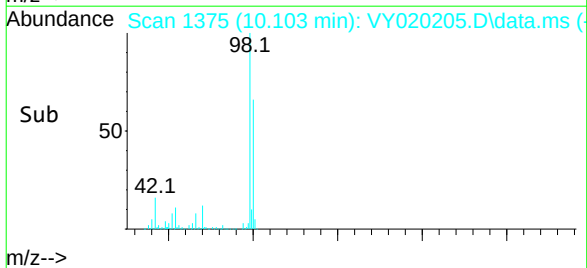
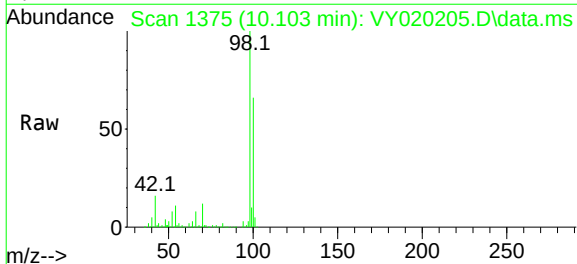


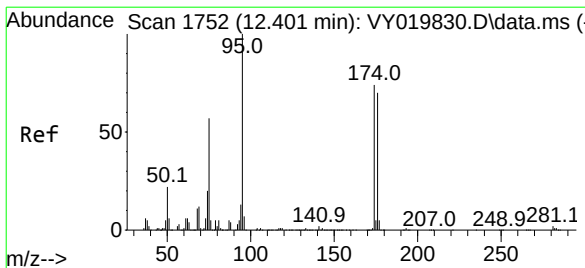
Tgt Ion:113 Resp: 101163
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 15.6 15.9 23.9#



#50
Toluene-d8
Concen: 49.115 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020205.D
Acq: 07 Nov 2024 14:33

Tgt Ion: 98 Resp: 372949
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 47.256 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020205.D

Acq: 07 Nov 2024 14:33

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-110424

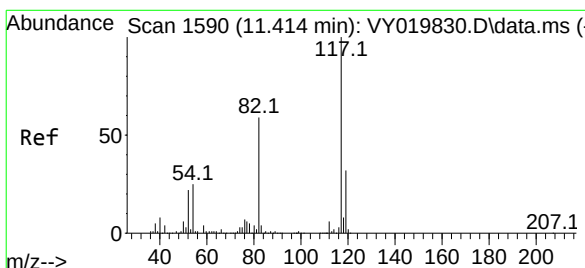
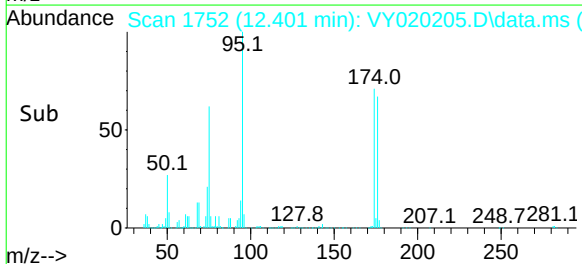
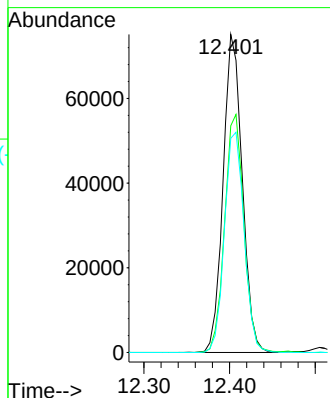
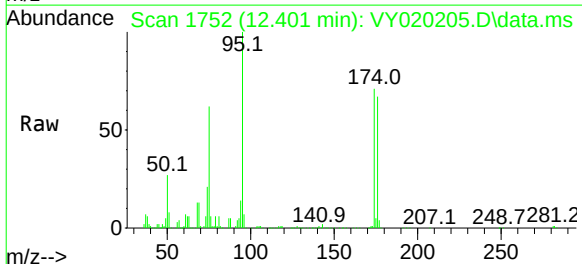
Tgt Ion: 95 Resp: 116554

Ion Ratio Lower Upper

95 100

174 75.6 0.0 175.6

176 71.0 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020205.D

Acq: 07 Nov 2024 14:33

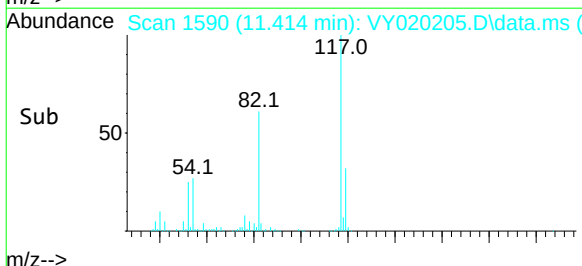
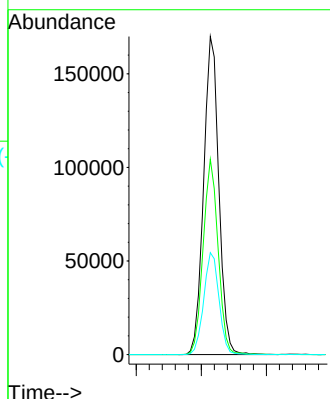
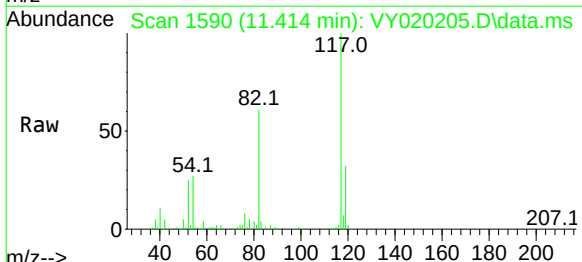
Tgt Ion: 117 Resp: 276117

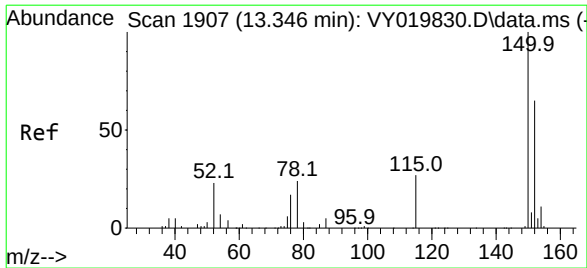
Ion Ratio Lower Upper

117 100

82 61.4 42.4 63.6

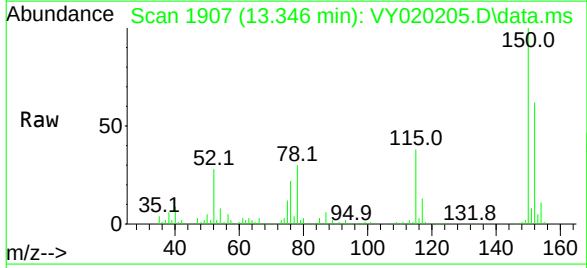
119 32.0 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020205.D
 Acq: 07 Nov 2024 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-110424



Tgt Ion:	152	Resp:	99781
Ion Ratio	Lower	Upper	
152	100		
115	62.2	28.2	84.7
150	161.6	0.0	345.6

