

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009972.D
 Acq On : 11 Aug 2022 18:31
 Operator : KP/MD
 Sample : N4064-03RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-18RE

Quant Time: Aug 12 02:50:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.777	168	3272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	5787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1744	70.894	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.780%
35) Dibromofluoromethane	7.697	113	587	17.629	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	35.260%#
50) Toluene-d8	10.173	98	4342	43.890	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.780%
62) 4-Bromofluorobenzene	12.477	95	1203	25.699	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	51.400%

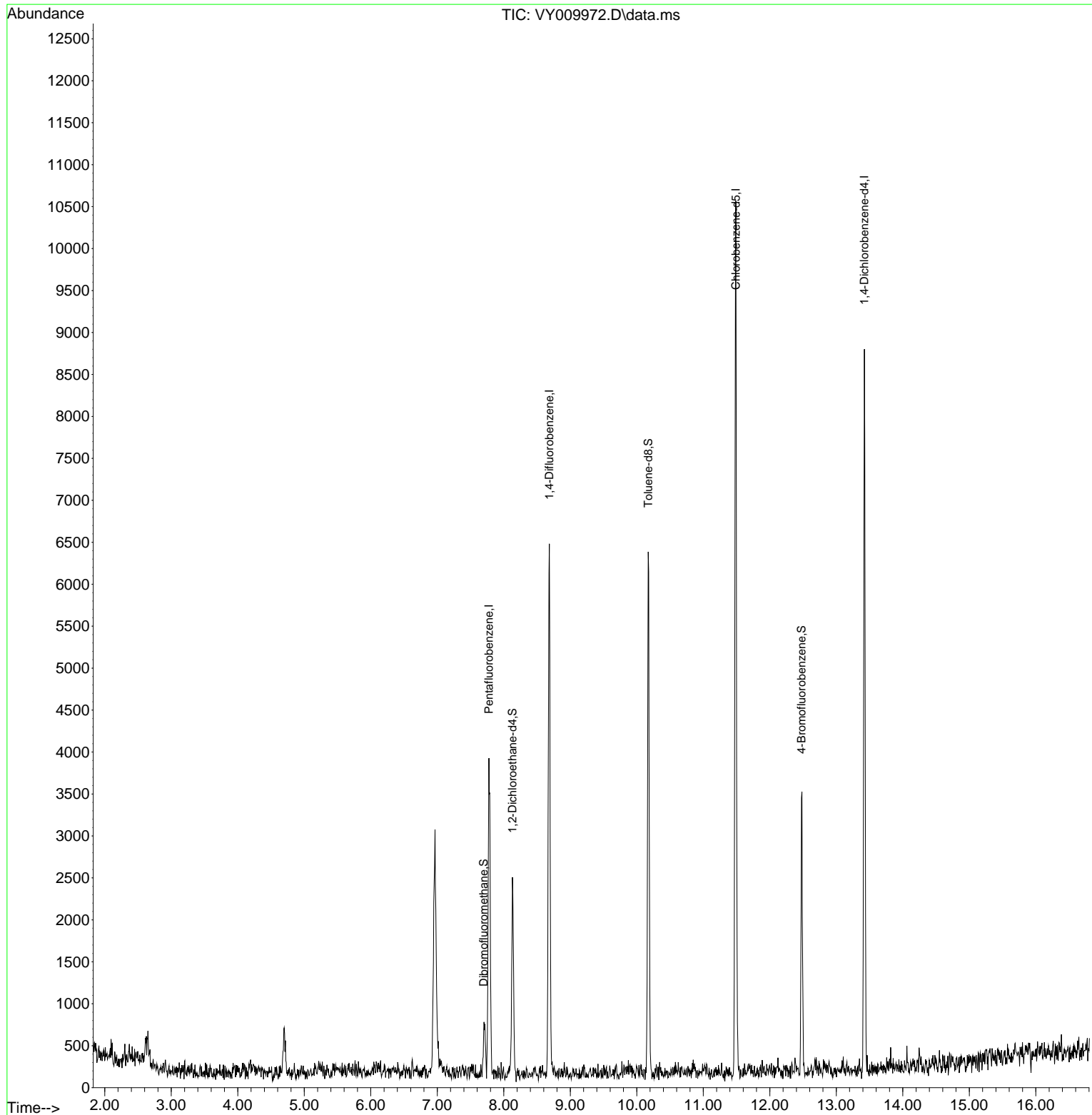
Target Compounds Qvalue

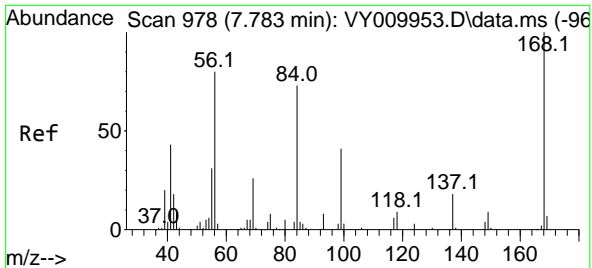
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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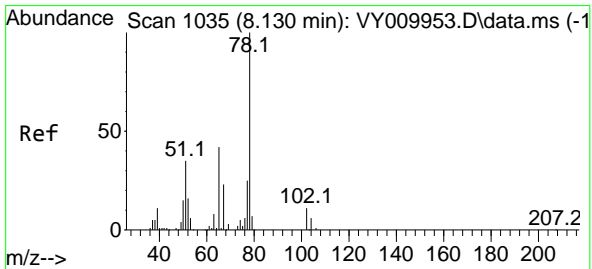
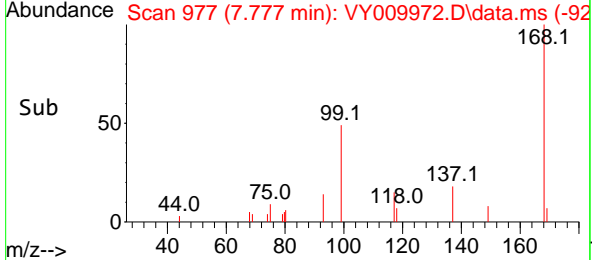
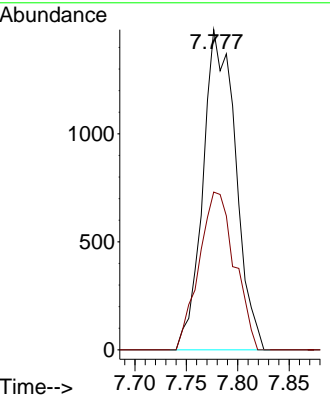
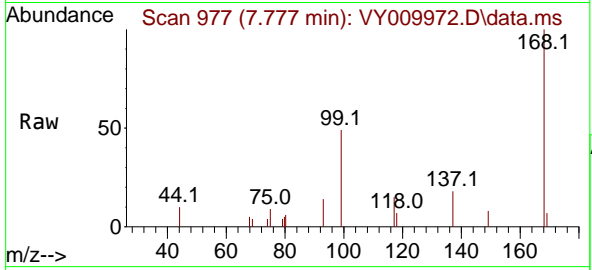




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.777 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY009972.D
 Acq: 11 Aug 2022 18:31

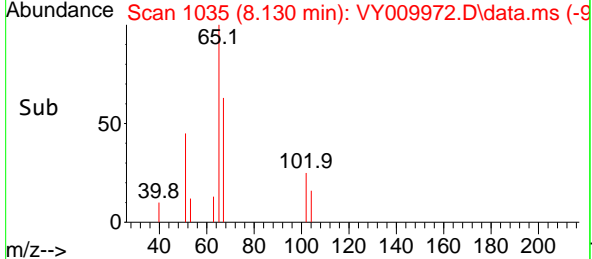
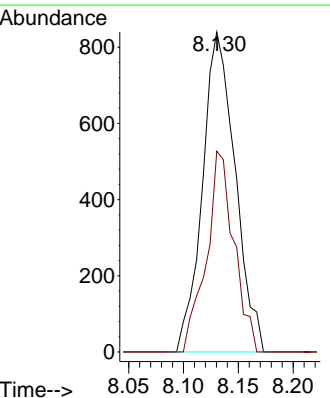
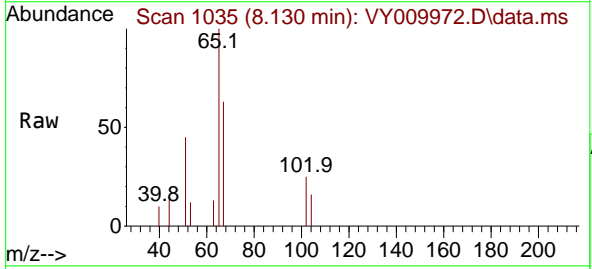
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-18RE

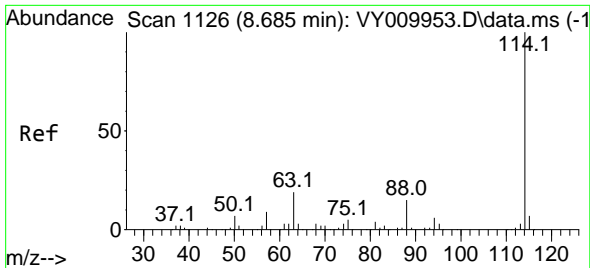
Tgt Ion:168 Resp: 3272
 Ion Ratio Lower Upper
 168 100
 99 49.3 42.1 63.1



#33
 1,2-Dichloroethane-d4
 Concen: 70.894 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VY009972.D
 Acq: 11 Aug 2022 18:31

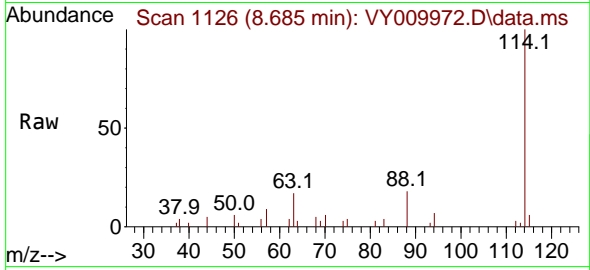
Tgt Ion: 65 Resp: 1744
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 108.4





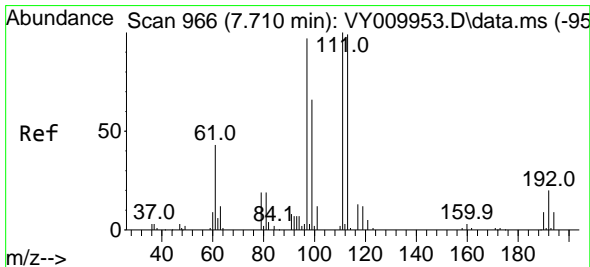
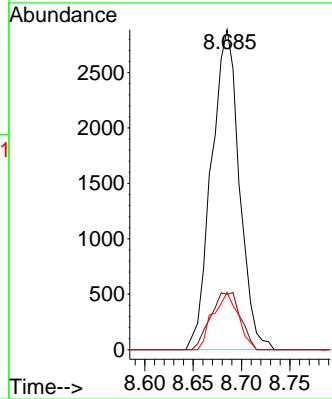
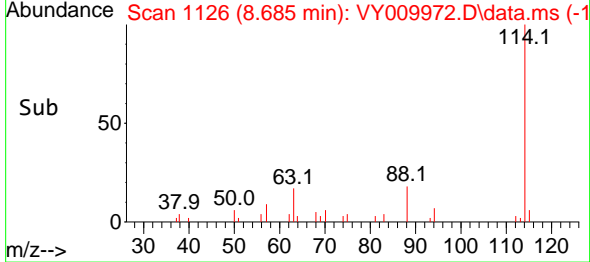
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009972.D
 Acq: 11 Aug 2022 18:31

Instrument : MSVOA_Y
 ClientSampleId : SB-18RE

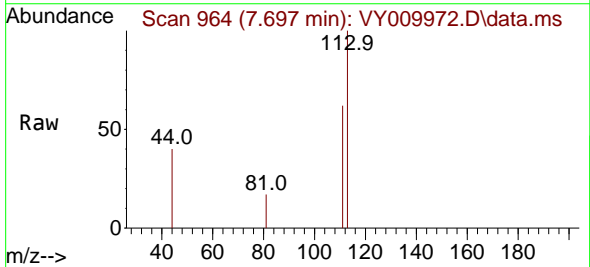


Tgt Ion:114 Resp: 5787

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	38.0
88	17.9	0.0	30.0

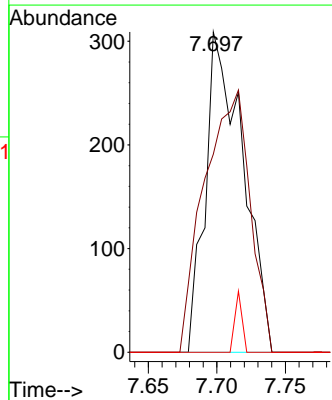
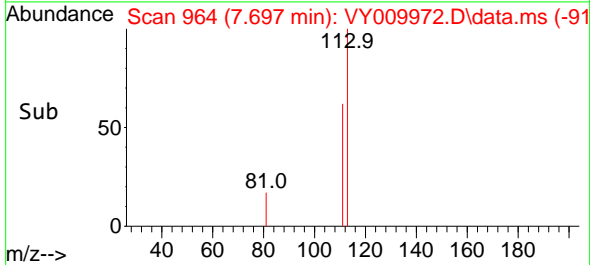


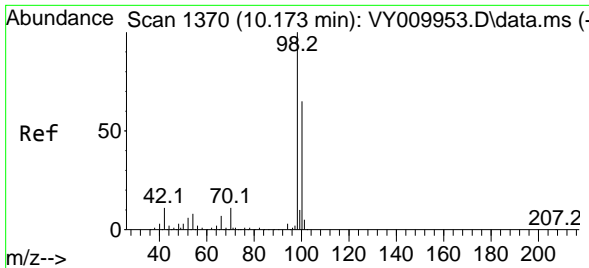
#35
 Dibromofluoromethane
 Concen: 17.629 ug/l
 RT: 7.697 min Scan# 964
 Delta R.T. -0.013 min
 Lab File: VY009972.D
 Acq: 11 Aug 2022 18:31



Tgt Ion:113 Resp: 587

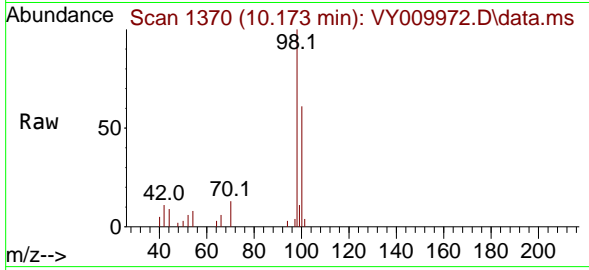
Ion	Ratio	Lower	Upper
113	100		
111	100.0	80.6	120.8
192	3.7	16.2	24.4#



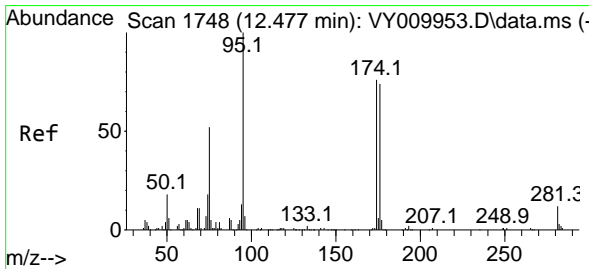
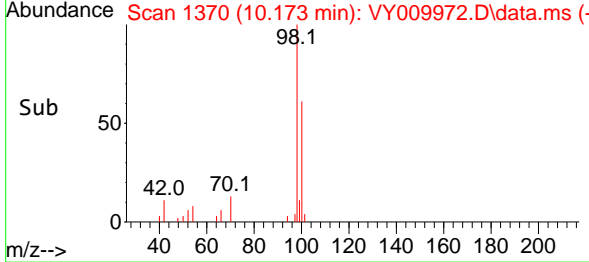
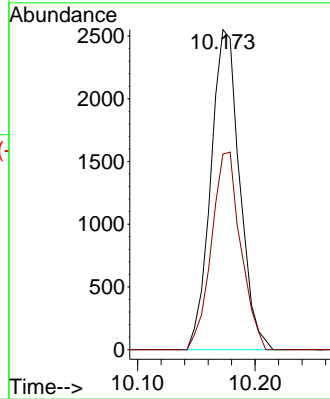


#50
 Toluene-d8
 Concen: 43.890 ug/l
 RT: 10.173 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY009972.D
 Acq: 11 Aug 2022 18:31

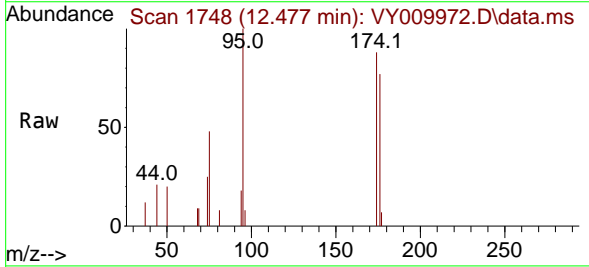
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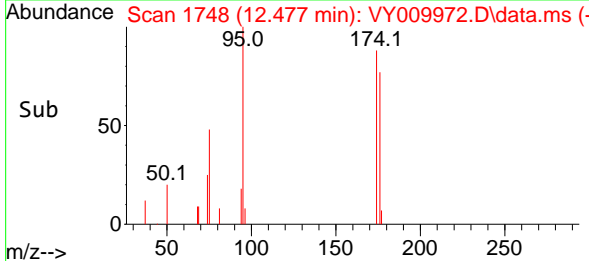
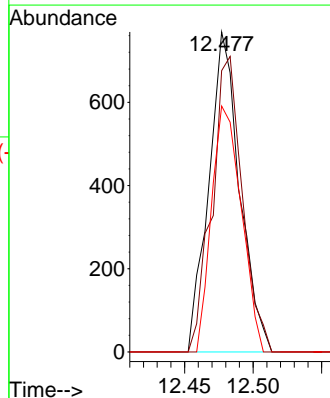
Tgt Ion: 98 Resp: 4342
 Ion Ratio Lower Upper
 98 100
 100 62.7 52.9 79.3

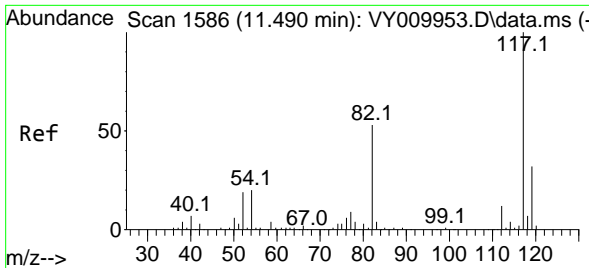


#62
 4-Bromofluorobenzene
 Concen: 25.699 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.000 min
 Lab File: VY009972.D
 Acq: 11 Aug 2022 18:31



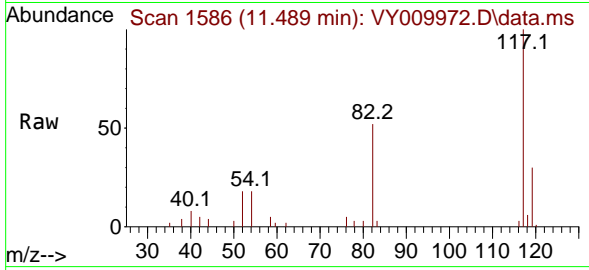
Tgt Ion: 95 Resp: 1203
 Ion Ratio Lower Upper
 95 100
 174 90.9 0.0 173.8
 176 74.1 0.0 167.0





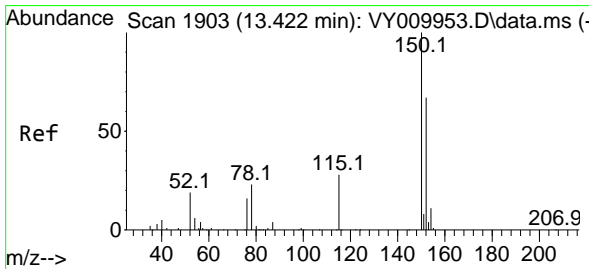
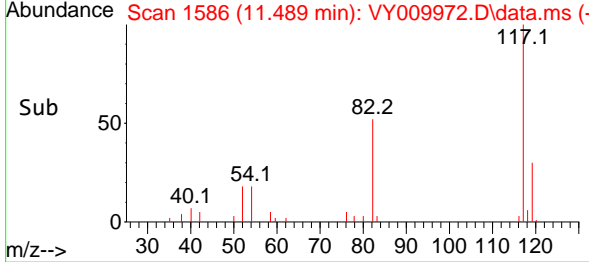
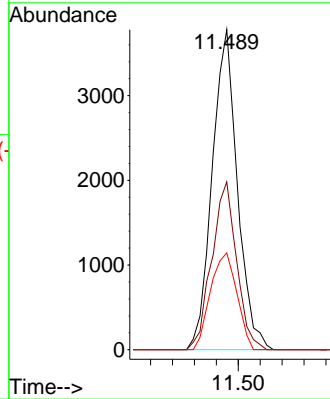
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.489 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: VY009972.D
 Acq: 11 Aug 2022 18:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-18RE

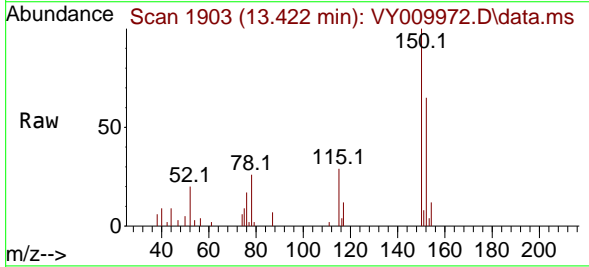


Tgt Ion:117 Resp: 6026

Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.8	62.6
119	30.2	25.6	38.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009972.D
 Acq: 11 Aug 2022 18:31



Tgt Ion:152 Resp: 2240

Ion	Ratio	Lower	Upper
152	100		
115	51.9	28.6	85.9
150	157.9	0.0	349.8

