

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
 Data File : VY018328.D
 Acq On : 20 May 2024 12:27
 Operator : SY/MD
 Sample : P2500-02RE
 Misc : 7.56g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-112-SB02RE

Quant Time: May 21 01:23:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	15066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	24472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	14628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	2978	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5259	47.449	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.900%
35) Dibromofluoromethane	7.709	113	6091	47.360	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.720%
50) Toluene-d8	10.178	98	25153	49.630	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.483	95	4914	30.024	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.040%

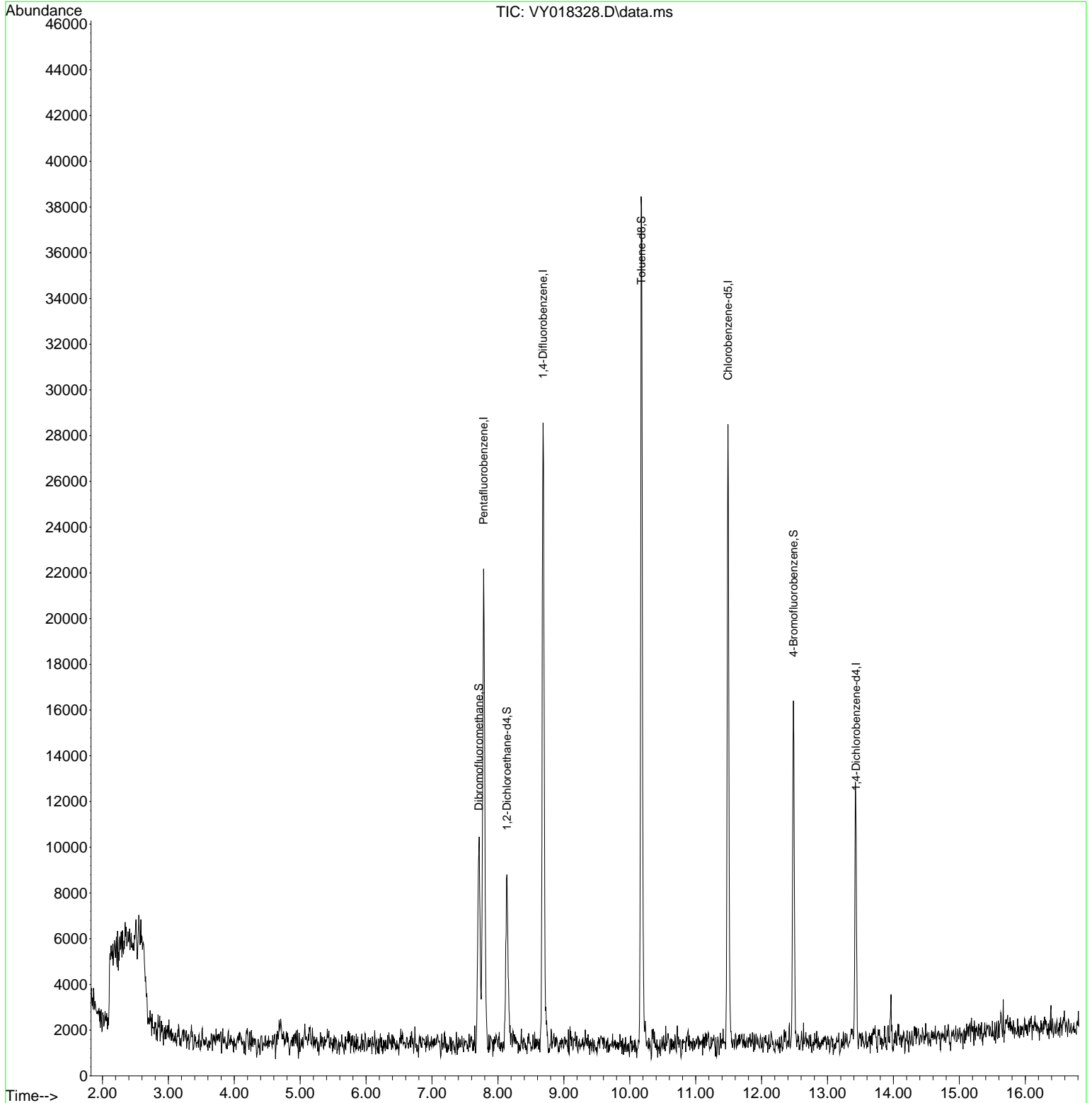
Target Compounds Qvalue

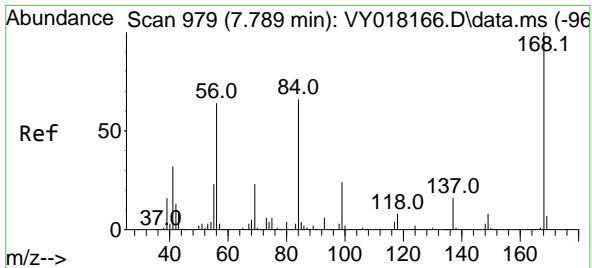
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY018328.D
 Acq: 20 May 2024 12:27

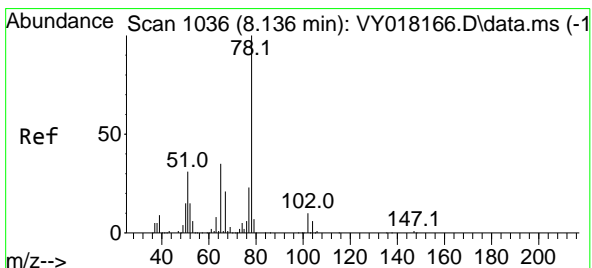
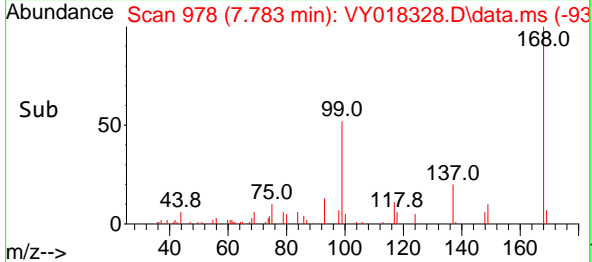
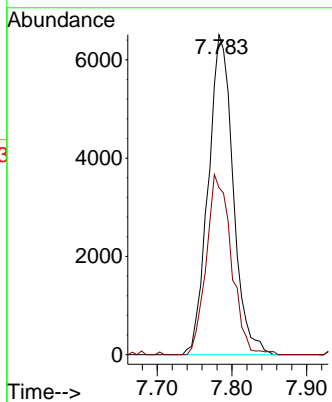
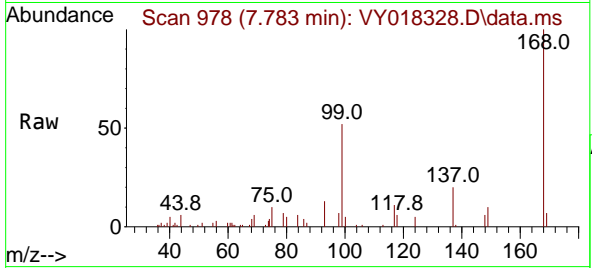
Instrument :

MSVOA_Y

ClientSampleId :

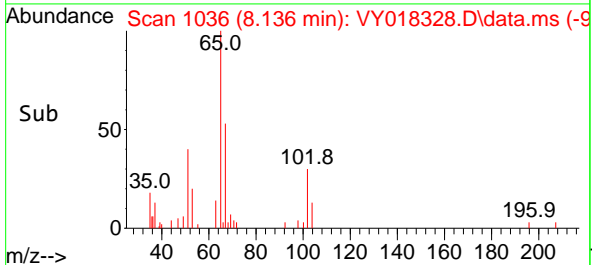
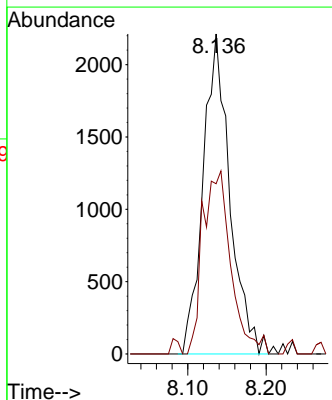
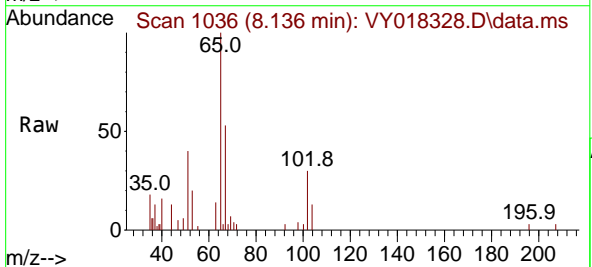
B-112-SB02RE

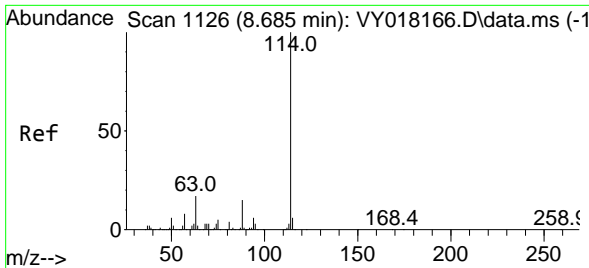
Tgt Ion:168 Resp: 15066
 Ion Ratio Lower Upper
 168 100
 99 52.2 39.1 58.7



#33
 1,2-Dichloroethane-d4
 Concen: 47.449 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY018328.D
 Acq: 20 May 2024 12:27

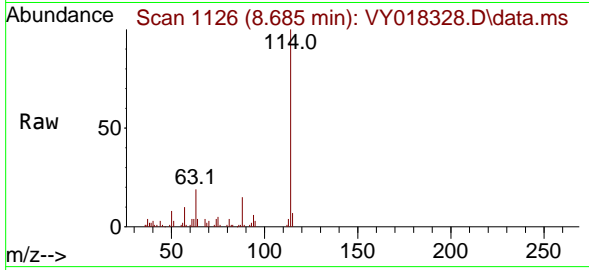
Tgt Ion: 65 Resp: 5259
 Ion Ratio Lower Upper
 65 100
 67 60.4 0.0 109.6



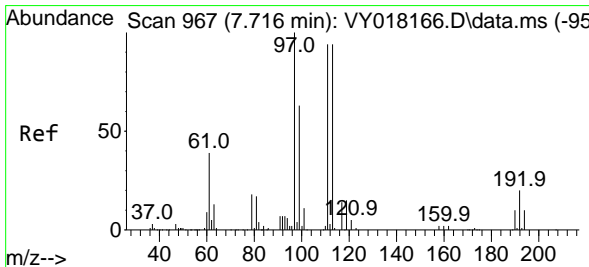
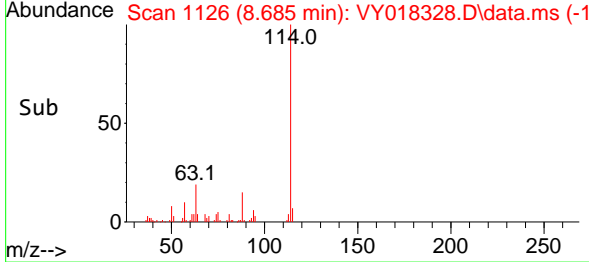
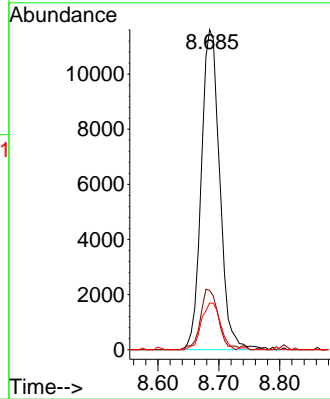


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY018328.D
 Acq: 20 May 2024 12:27

Instrument : MSVOA_Y
 ClientSampleId : B-112-SB02RE

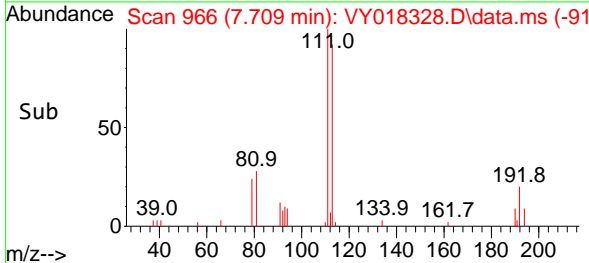
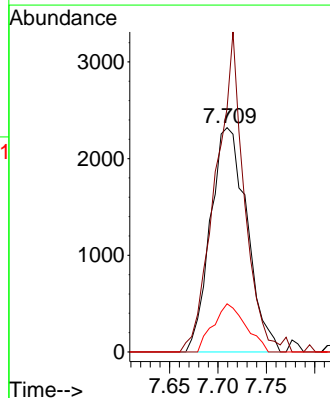
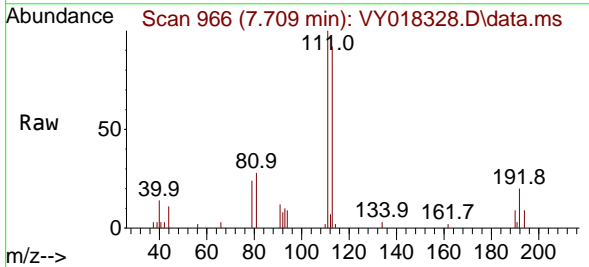


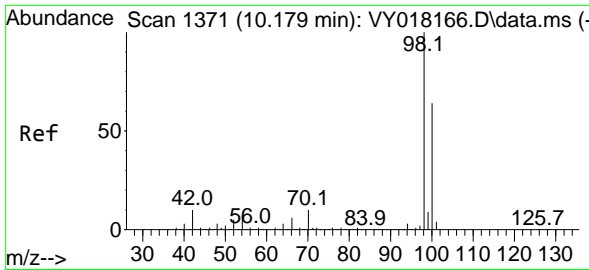
Tgt Ion	Resp	Lower	Upper
114	100		
63	18.6	0.0	35.0
88	14.6	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 47.360 ug/l
 RT: 7.709 min Scan# 966
 Delta R.T. -0.006 min
 Lab File: VY018328.D
 Acq: 20 May 2024 12:27

Tgt Ion	Resp	Lower	Upper
113	100		
111	112.0	82.2	123.4
192	19.1	15.9	23.9

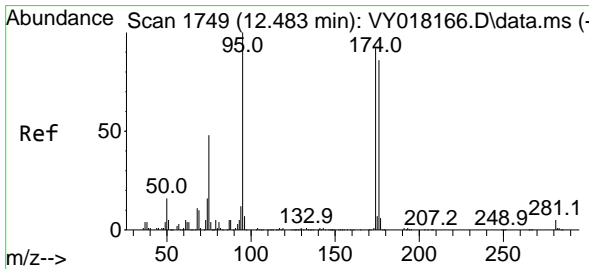
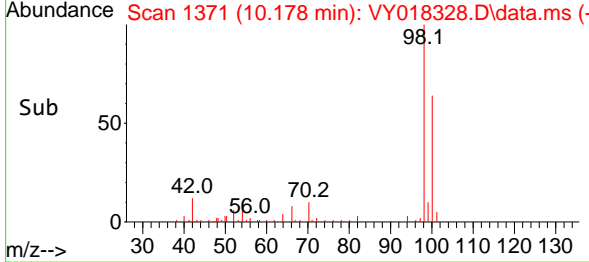
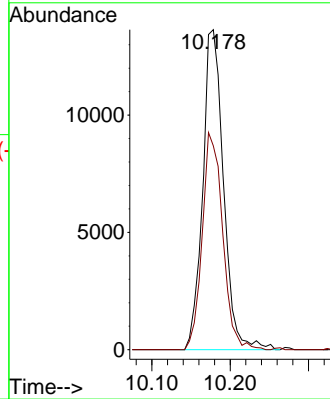
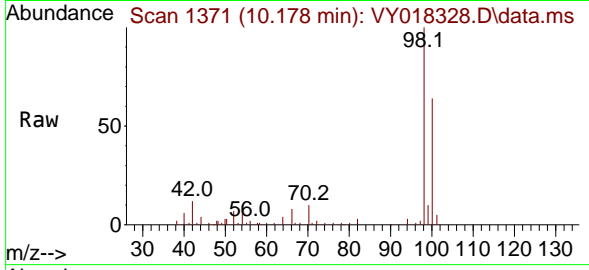




#50
 Toluene-d8
 Concen: 49.630 ug/l
 RT: 10.178 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY018328.D
 Acq: 20 May 2024 12:27

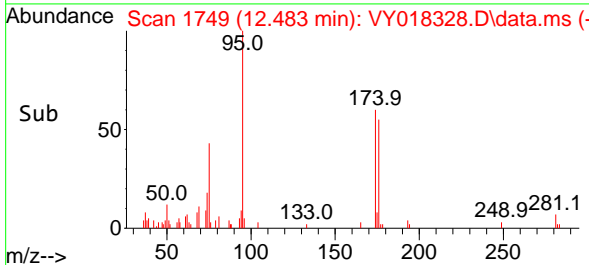
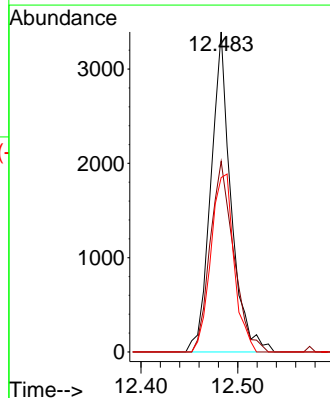
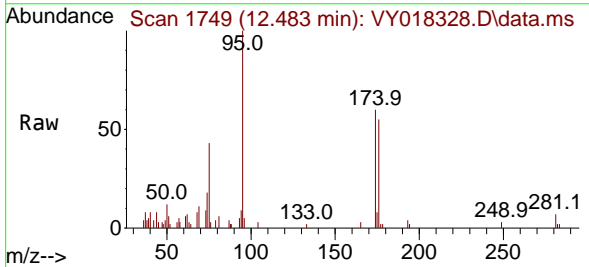
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-112-SB02RE

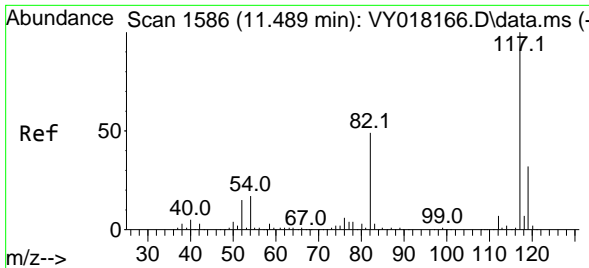
Tgt Ion: 98 Resp: 25153
 Ion Ratio Lower Upper
 98 100
 100 66.7 52.0 78.0



#62
 4-Bromofluorobenzene
 Concen: 30.024 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VY018328.D
 Acq: 20 May 2024 12:27

Tgt Ion: 95 Resp: 4914
 Ion Ratio Lower Upper
 95 100
 174 69.5 0.0 175.6
 176 63.7 0.0 171.4



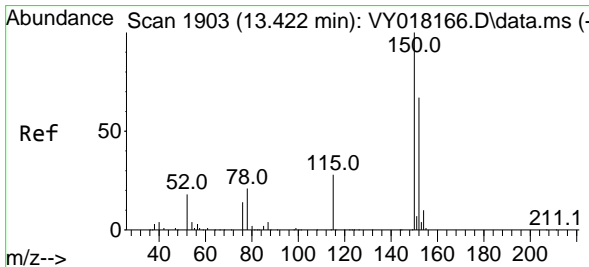
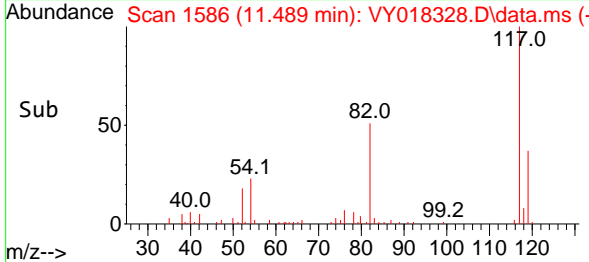
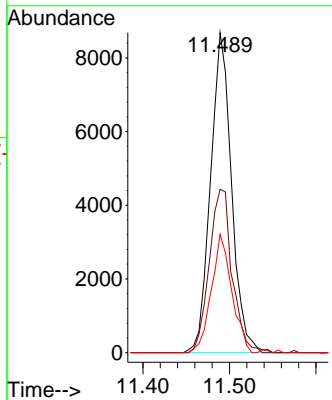
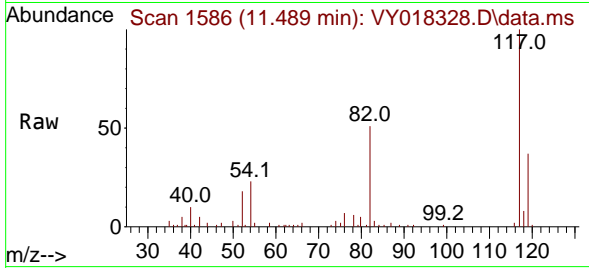


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.489 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY018328.D
 Acq: 20 May 2024 12:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-112-SB02RE

Tgt Ion:117 Resp: 14628

Ion	Ratio	Lower	Upper
117	100		
82	51.1	42.4	63.6
119	37.0	25.9	38.9



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.012 min
 Lab File: VY018328.D
 Acq: 20 May 2024 12:27

Tgt Ion:152 Resp: 2978

Ion	Ratio	Lower	Upper
152	100		
115	60.7	28.2	84.7
150	148.6	0.0	345.6

