

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020269.D
 Acq On : 21 Dec 2020 23:26
 Operator : JC/MD
 Sample : PB133709TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133709TB

Quant Time: Dec 22 05:14:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

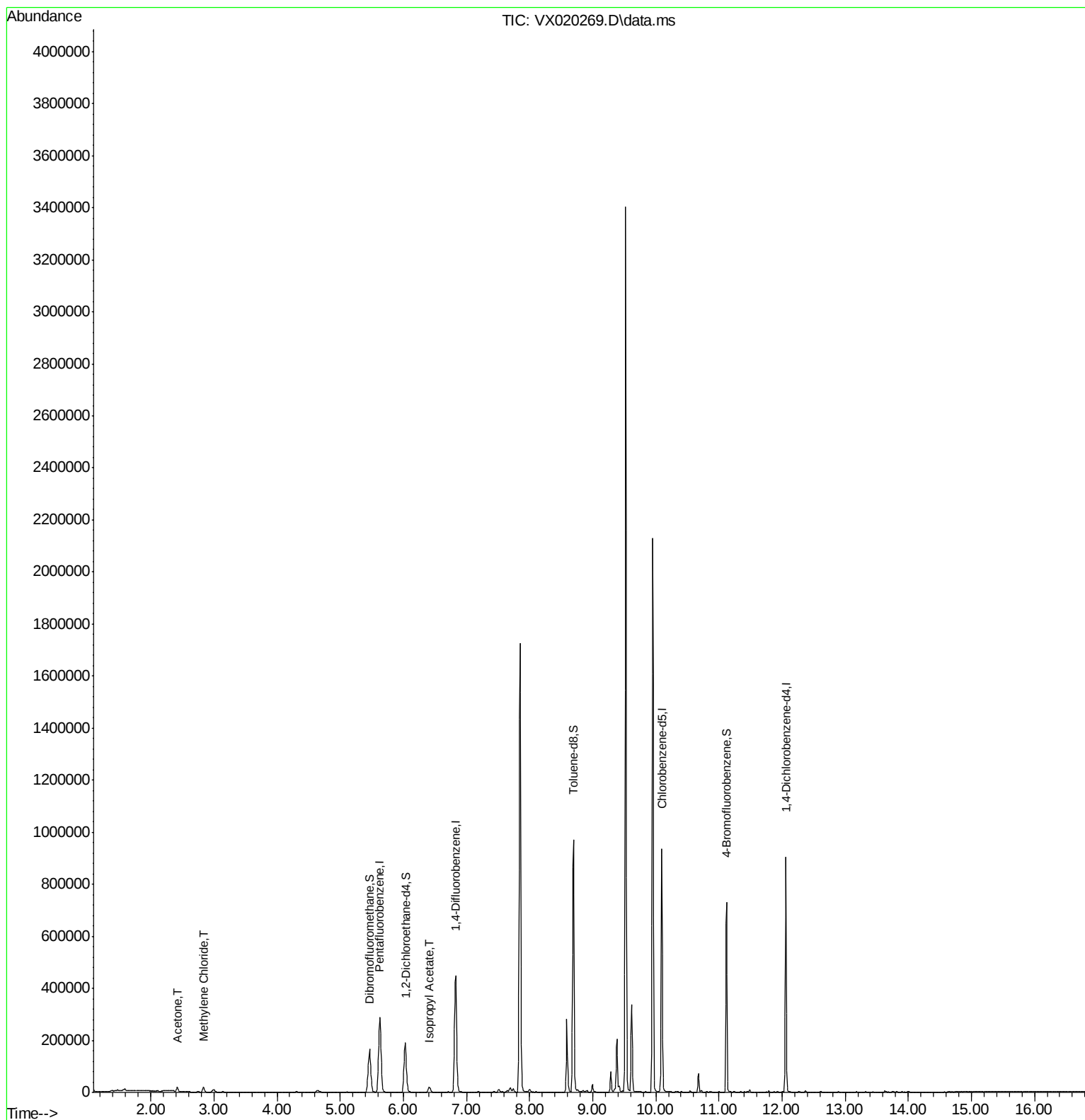
Internal Standards						
1) Pentafluorobenzene	5.629	168	269425	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	455764	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	439877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	181873	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	179790	49.78	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.56%
35) Dibromofluoromethane	5.464	113	143805	49.32	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.64%
50) Toluene-d8	8.696	98	576159	51.34	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.68%
62) 4-Bromofluorobenzene	11.122	95	200658	46.72	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.44%
Target Compounds						
16) Acetone	2.416	43	18027	10.95	ug/l	98
20) Methylene Chloride	2.831	84	9748	2.63	ug/l	97
43) Isopropyl Acetate	6.409	43	25129	3.40	ug/l	97

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

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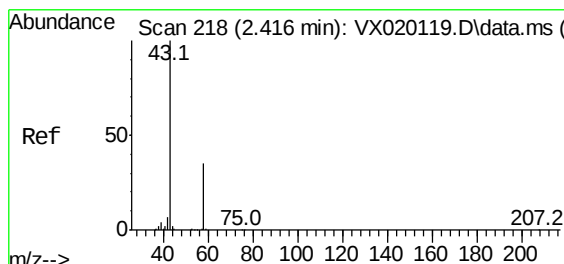
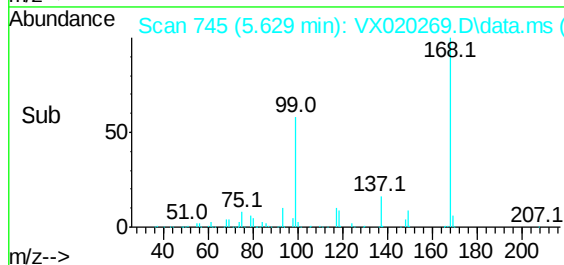
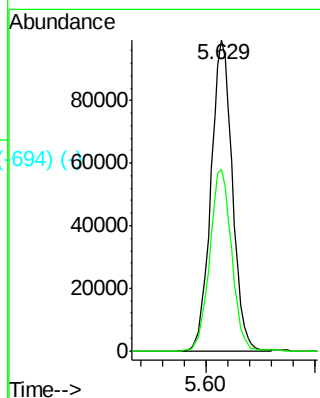
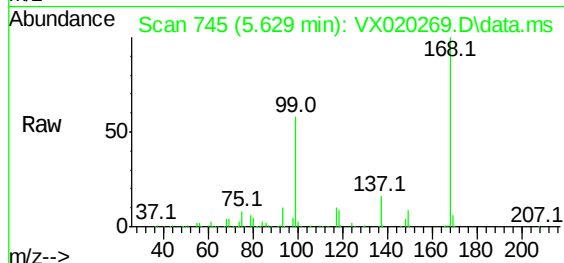




#16 (-)
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020269.D
 Acq: 21 Dec 2020 23:26

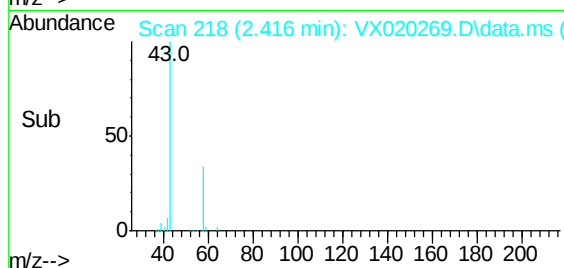
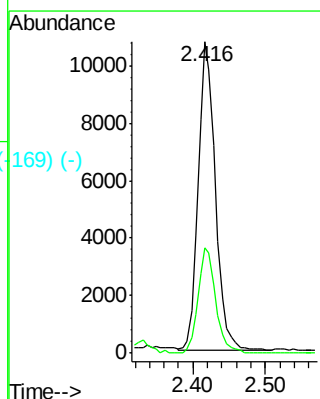
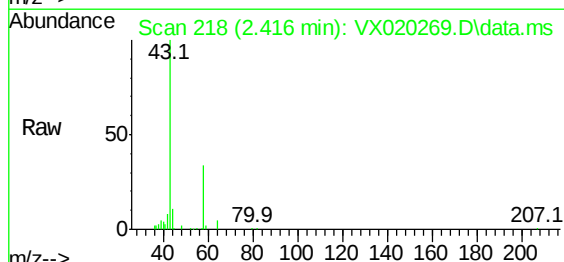
Instrument :
 MSVOA_X
 ClientSampleId :
 PB133709TB

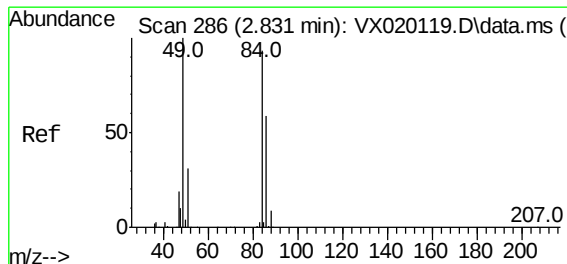
Tgt Ion:168 Resp: 269425
 Ion Ratio Lower Upper
 168 100
 99 58.2 45.8 68.6



#16 (-)
 Acetone
 Concen: 10.95 ug/l
 RT: 2.416 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VX020269.D
 Acq: 21 Dec 2020 23:26

Tgt Ion: 43 Resp: 18027
 Ion Ratio Lower Upper
 43 100
 58 33.7 27.8 41.8



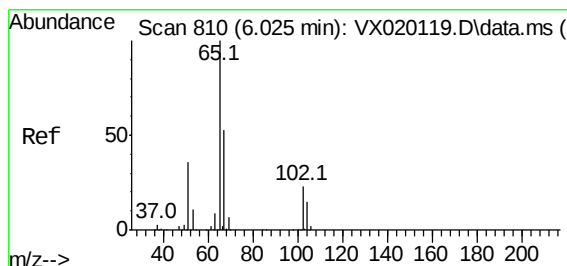
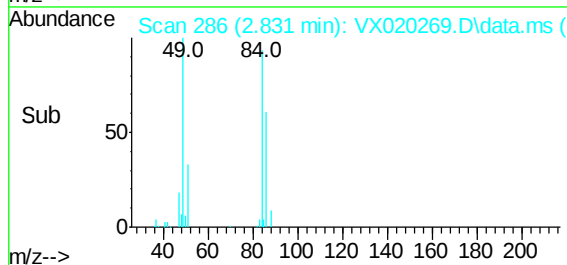
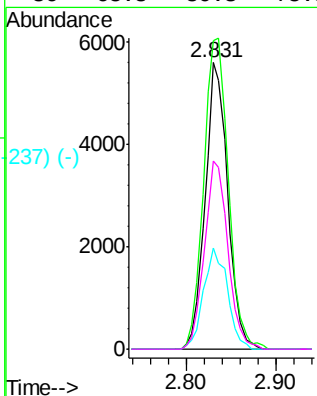
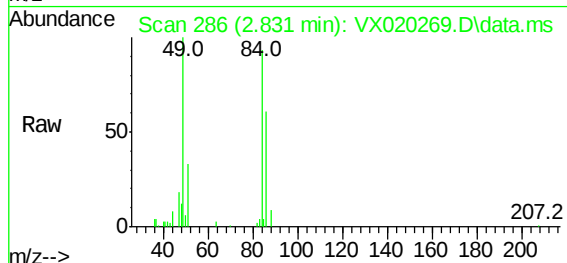


Methylene Chloride
Concen: 2.63 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020269.D
Acq: 21 Dec 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
PB133709TB

Tgt Ion: 84 Resp: 9748

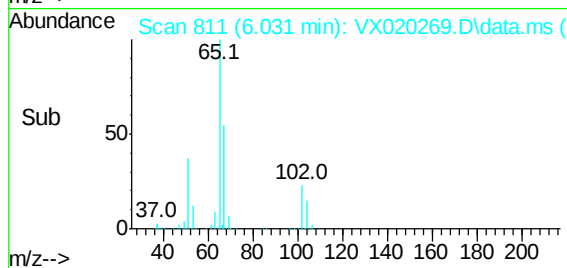
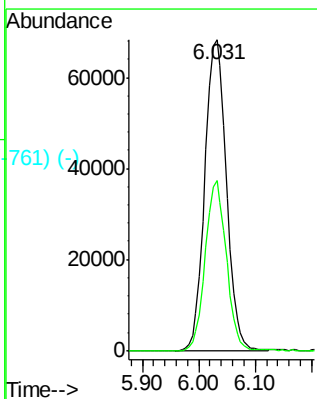
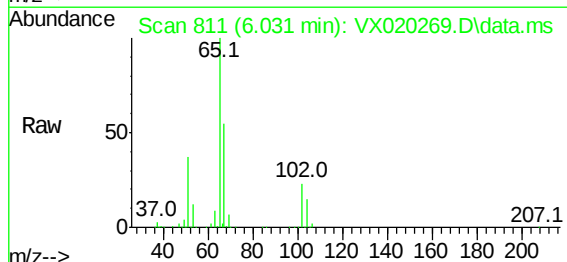
Ion	Ratio	Lower	Upper
84	100		
49	107.9	88.6	132.8
51	35.2	27.0	40.6
86	65.8	50.3	75.5

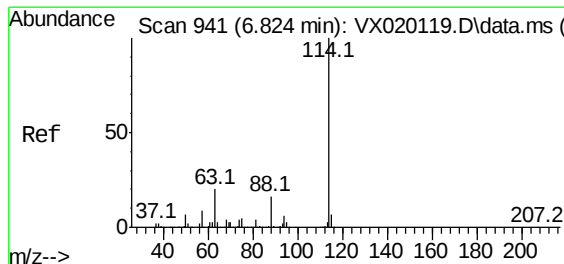


1,2-Dichloroethane-d4
Concen: 49.78 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020269.D
Acq: 21 Dec 2020 23:26

Tgt Ion: 65 Resp: 179790

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.4

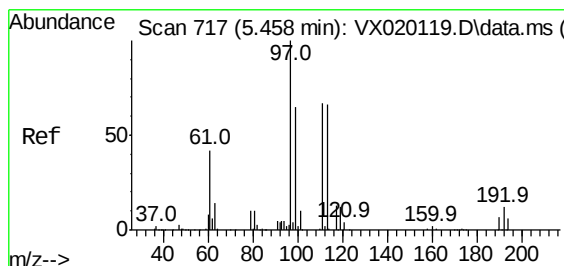
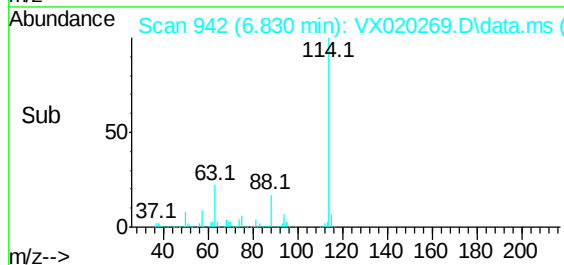
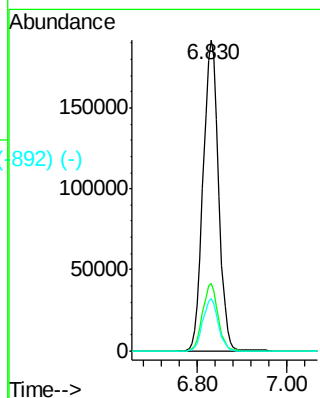
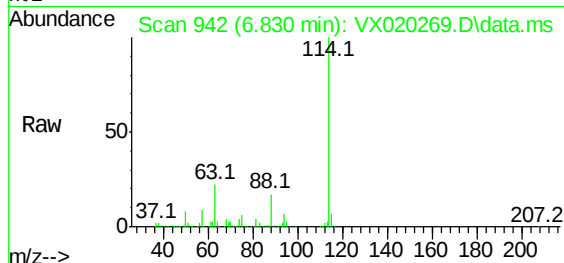




1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020269.D
Acq: 21 Dec 2020 23:26

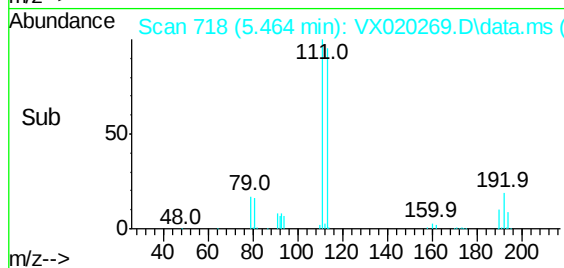
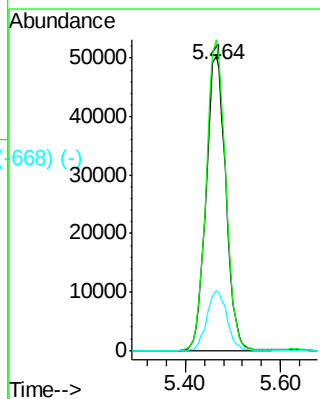
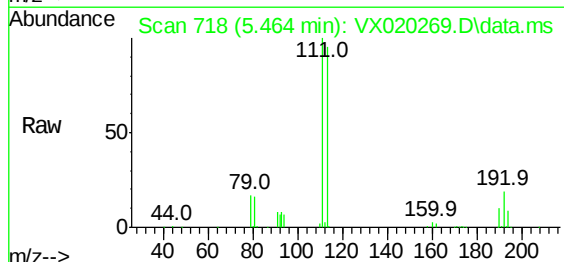
Instrument :
MSVOA_X
ClientSampleId :
PB133709TB

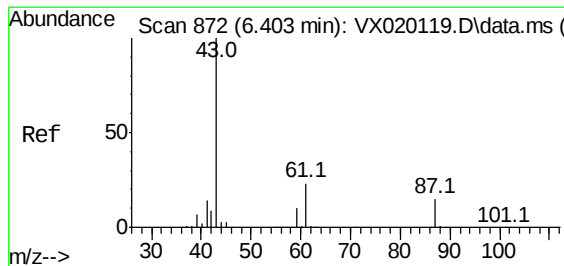
Tgt Ion:	114	Resp:	455764
Ion Ratio	Lower	Upper	
114	100		
63	21.7	0.0	40.8
88	16.7	0.0	32.8



Dibromofluoromethane
Concen: 49.32 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020269.D
Acq: 21 Dec 2020 23:26

Tgt Ion:	113	Resp:	143805
Ion Ratio	Lower	Upper	
113	100		
111	104.5	81.9	122.9
192	20.3	16.7	25.1



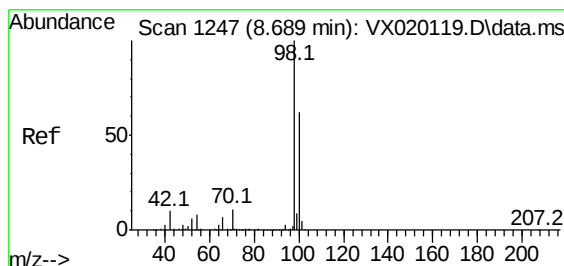
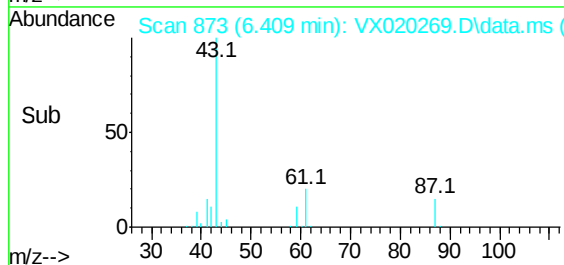
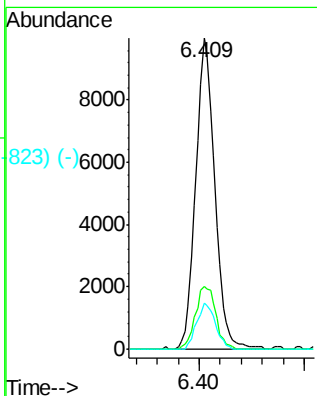
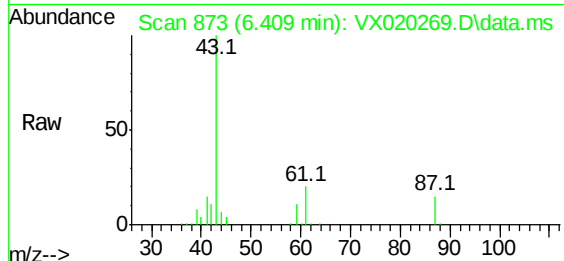


Isopropyl Acetate
 Concen: 3.40 ug/l
 RT: 6.409 min Scan# 873
 Delta R.T. 0.006 min
 Lab File: VX020269.D
 Acq: 21 Dec 2020 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133709TB

Tgt Ion: 43 Resp: 25129

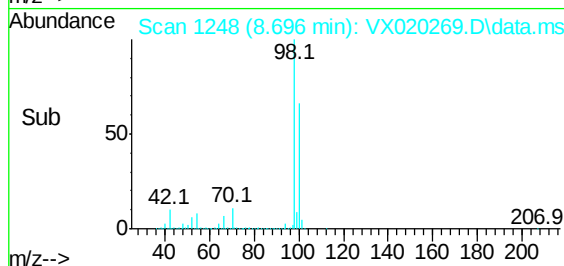
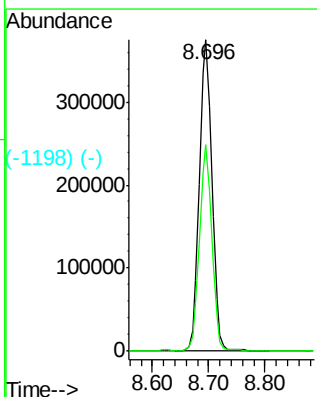
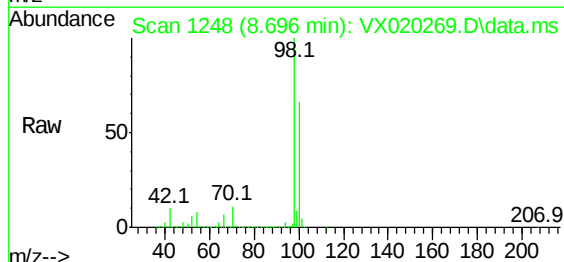
Ion	Ratio	Lower	Upper
43	100		
61	21.3	18.2	27.4
87	14.2	12.5	18.7



Toluene-d8
 Concen: 51.34 ug/l
 RT: 8.696 min Scan# 1248
 Delta R.T. 0.007 min
 Lab File: VX020269.D
 Acq: 21 Dec 2020 23:26

Tgt Ion: 98 Resp: 576159

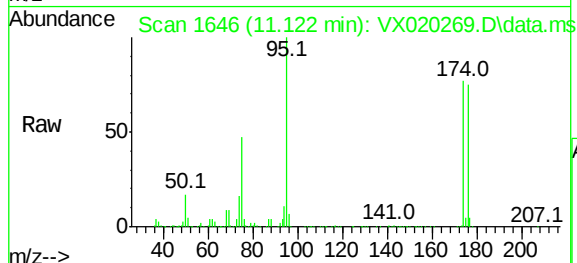
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.9	77.9





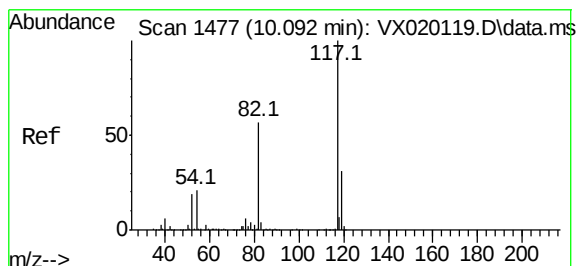
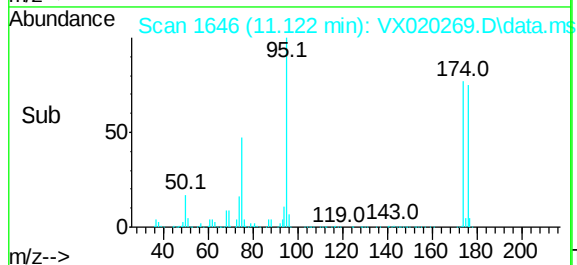
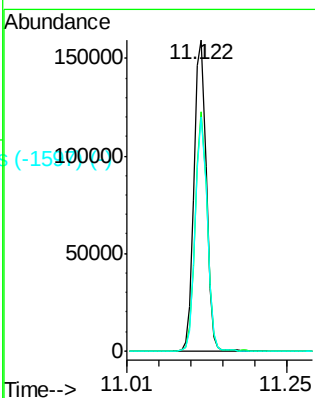
#639 (-)
 4-Bromofluorobenzene
 Concen: 46.72 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: VX020269.D
 Acq: 21 Dec 2020 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133709TB

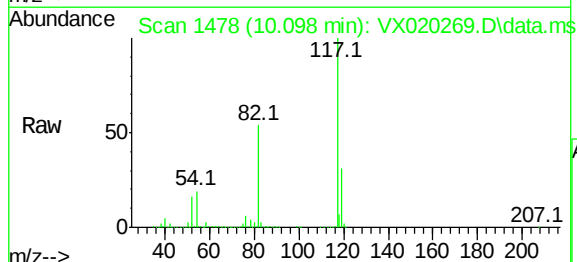


Tgt Ion: 95 Resp: 200658

Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	154.6
176	73.0	0.0	155.8

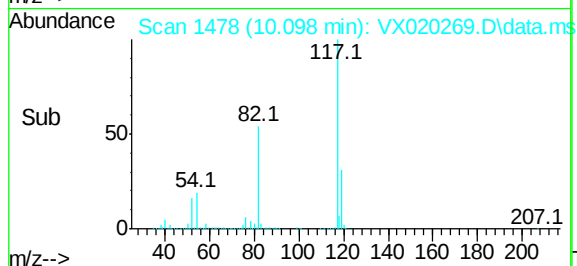
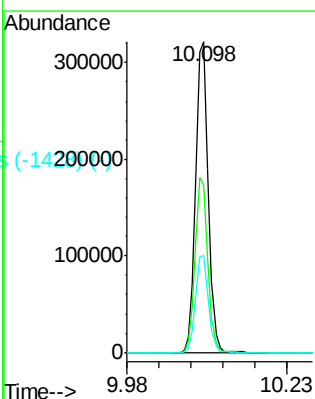


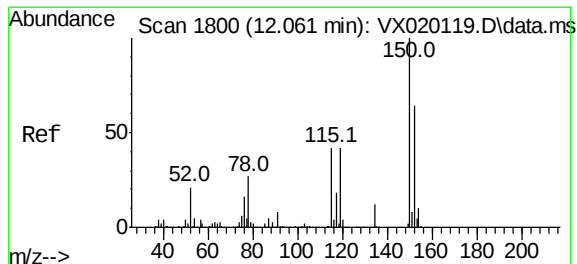
#640 (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.098 min Scan# 1478
 Delta R.T. 0.006 min
 Lab File: VX020269.D
 Acq: 21 Dec 2020 23:26



Tgt Ion: 117 Resp: 439877

Ion	Ratio	Lower	Upper
117	100		
82	54.0	47.4	71.2
119	31.4	26.6	39.8





#1794 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020269.D
 Acq: 21 Dec 2020 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133709TB

Tgt Ion:	152	Resp:	181873
Ion Ratio	Lower	Upper	
152	100		
115	61.2	41.1	123.3
150	157.2	0.0	349.0

