

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020282.D
 Acq On : 22 Dec 2020 04:30
 Operator : JC/MD
 Sample : PB133709ZHE#13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133709ZHE#13

Quant Time: Dec 22 05:19:51 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)

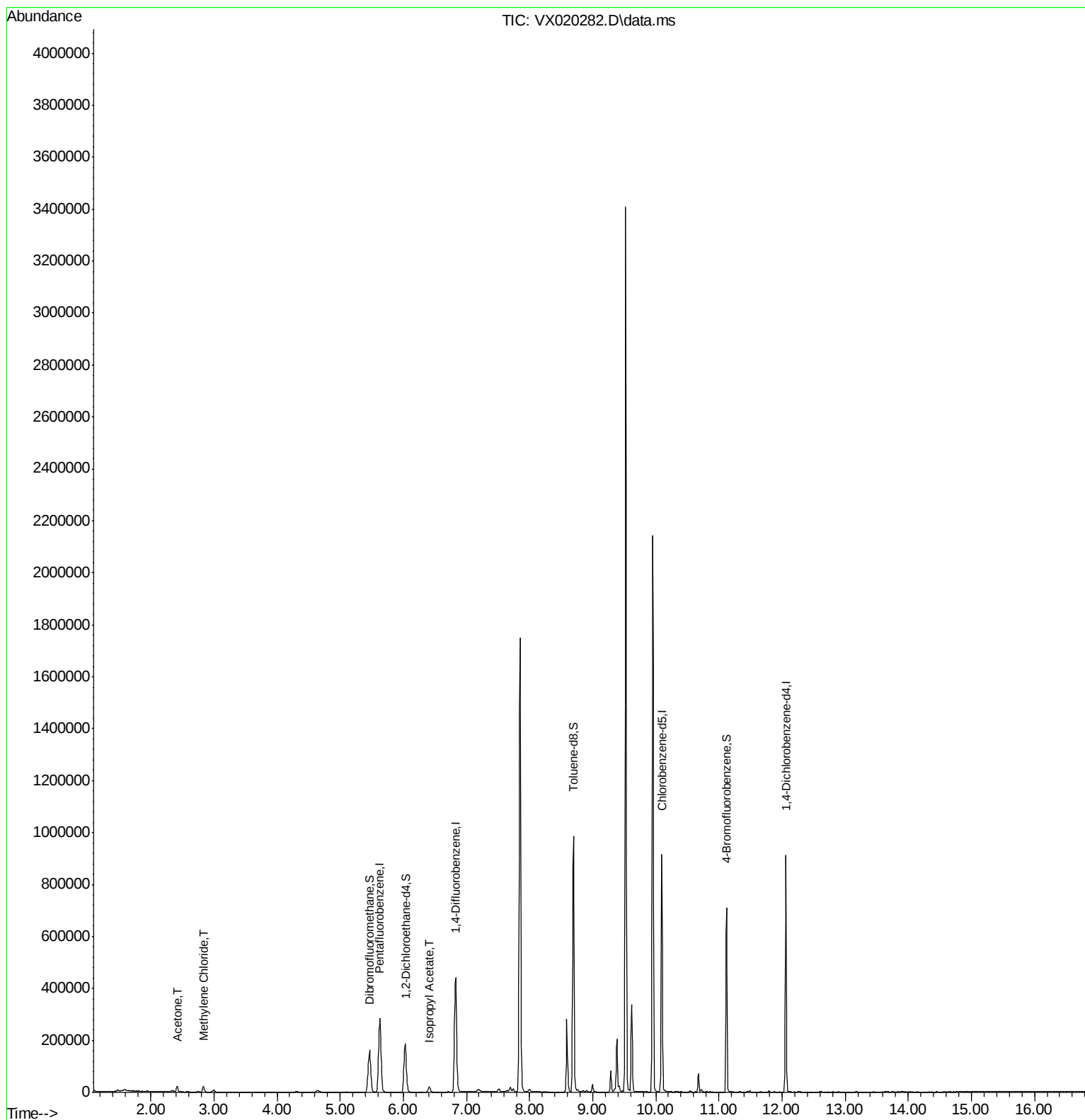
Internal Standards						
1) Pentafluorobenzene	5.629	168	263120	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	447529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	430137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	180766	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	180536	51.19	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	102.38%	
35) Dibromofluoromethane	5.465	113	143576	50.15	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	100.30%	
50) Toluene-d8	8.696	98	566981	51.45	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	102.90%	
62) 4-Bromofluorobenzene	11.122	95	193348	45.84	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	91.68%	
Target Compounds						
16) Acetone	2.416	43	21680	13.48	ug/l	99
20) Methylene Chloride	2.831	84	11569	3.19	ug/l	96
43) Isopropyl Acetate	6.416	43	25005	3.45	ug/l	96

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

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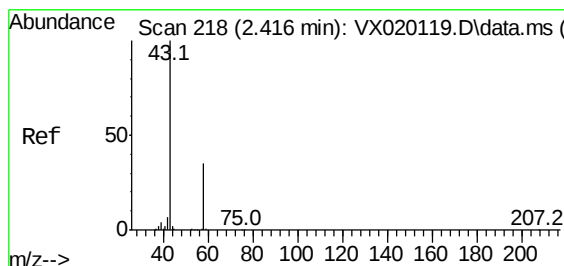
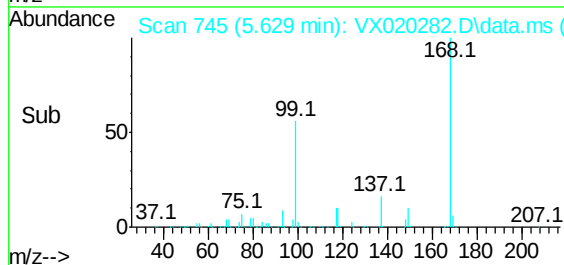
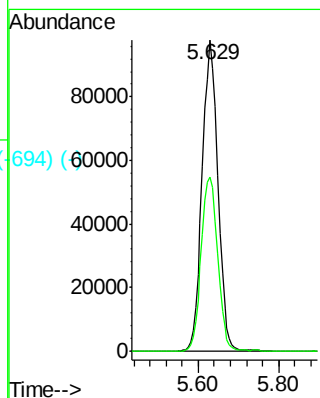
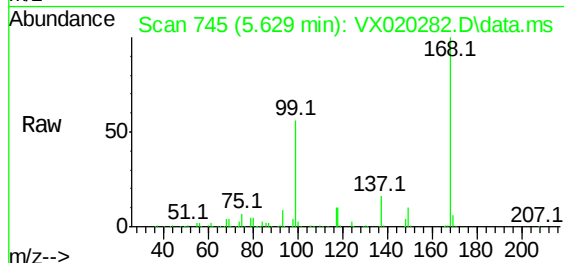




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020282.D
 Acq: 22 Dec 2020 04:30

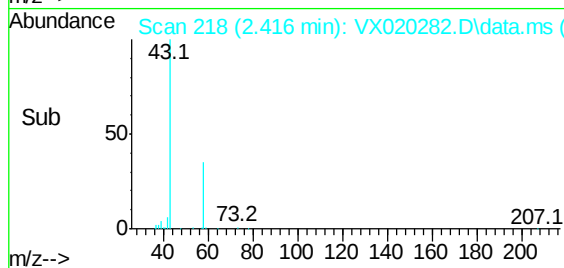
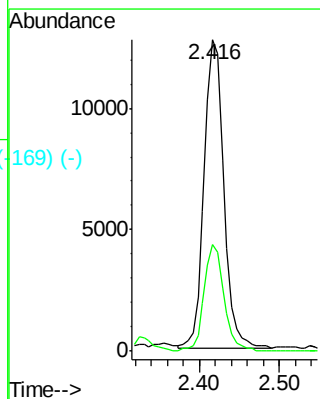
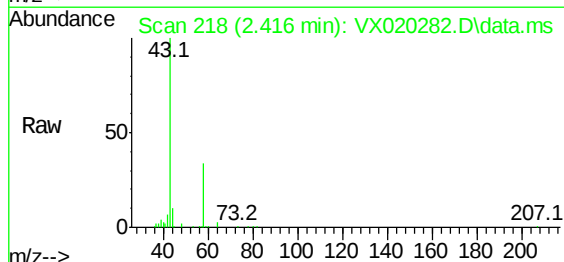
Instrument :
 MSVOA_X
 ClientSampleId :
 PB133709ZHE#13

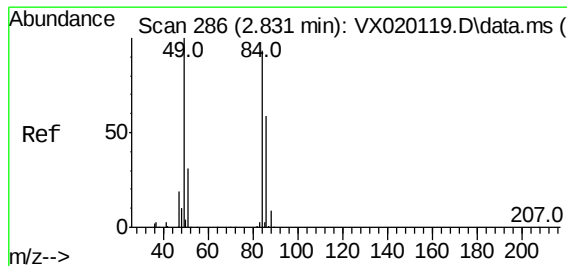
Tgt Ion:168 Resp: 263120
 Ion Ratio Lower Upper
 168 100
 99 56.1 45.8 68.6



Acetone
 Concen: 13.48 ug/l
 RT: 2.416 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VX020282.D
 Acq: 22 Dec 2020 04:30

Tgt Ion: 43 Resp: 21680
 Ion Ratio Lower Upper
 43 100
 58 34.5 27.8 41.8



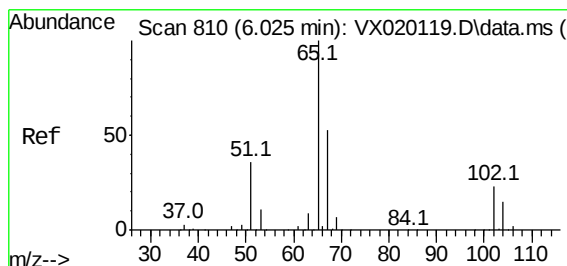
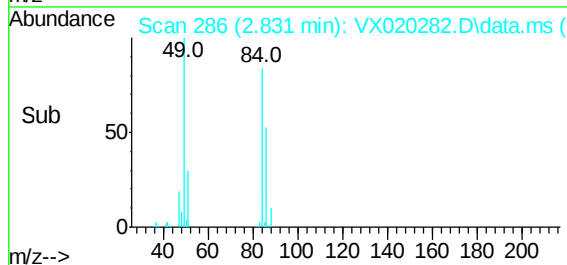
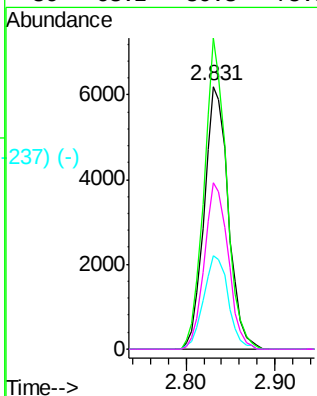
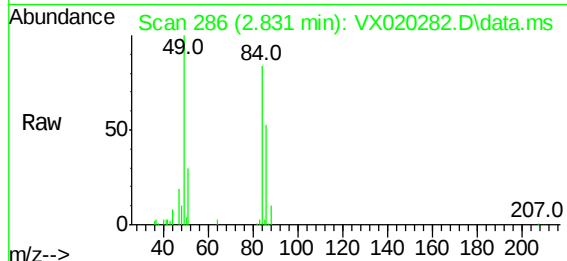


Methylene Chloride
Concen: 3.19 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020282.D
Acq: 22 Dec 2020 04:30

Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#13

Tgt Ion: 84 Resp: 11569

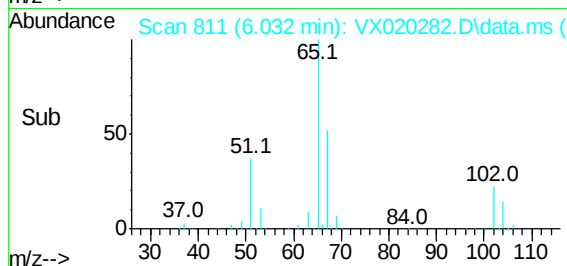
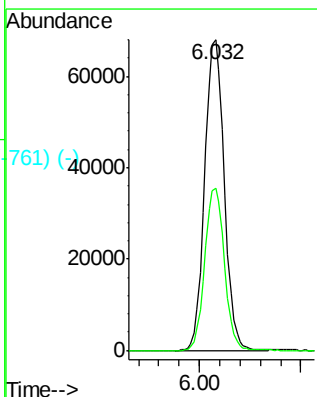
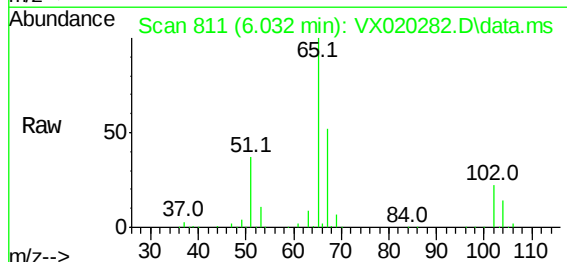
Ion	Ratio	Lower	Upper
84	100		
49	118.4	88.6	132.8
51	35.4	27.0	40.6
86	63.1	50.3	75.5

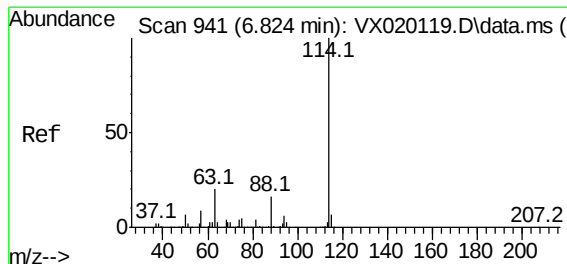


1,2-Dichloroethane-d4
Concen: 51.19 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.007 min
Lab File: VX020282.D
Acq: 22 Dec 2020 04:30

Tgt Ion: 65 Resp: 180536

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.4

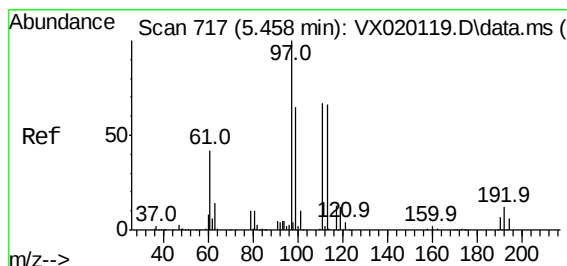
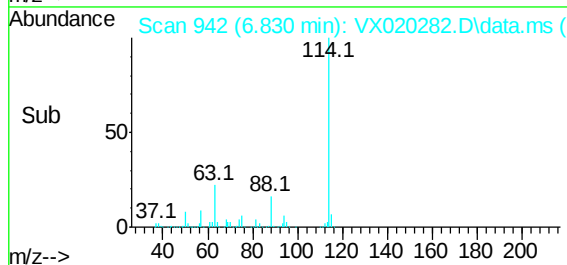
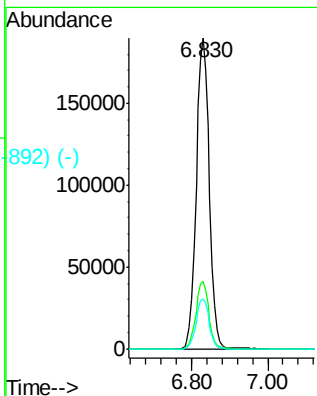
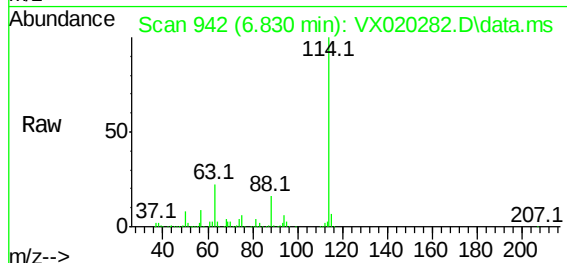




1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020282.D
Acq: 22 Dec 2020 04:30

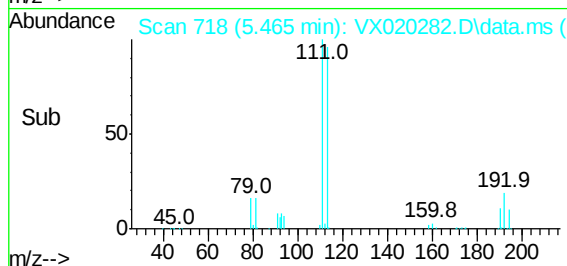
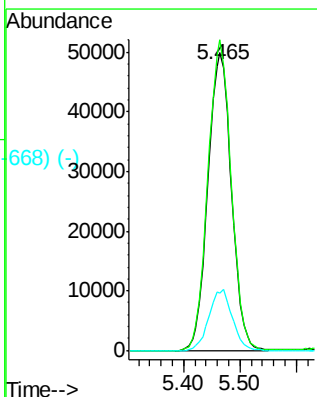
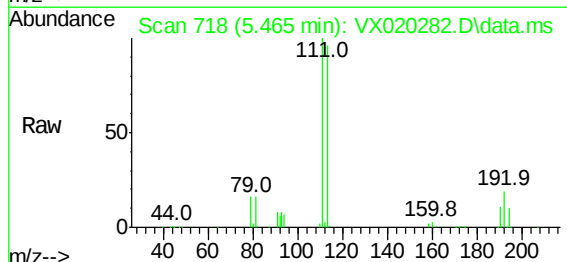
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#13

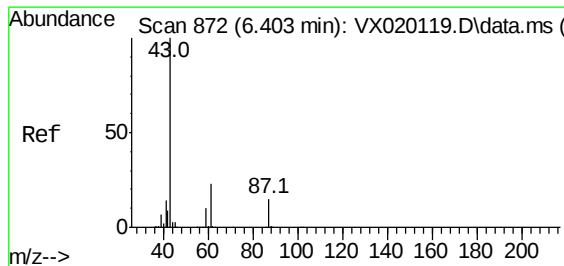
Tgt Ion:	114	Resp:	447529
Ion Ratio	Lower	Upper	
114	100		
63	21.7	0.0	40.8
88	15.9	0.0	32.8



Dibromofluoromethane
Concen: 50.15 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020282.D
Acq: 22 Dec 2020 04:30

Tgt Ion:	113	Resp:	143576
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.9	122.9
192	20.1	16.7	25.1

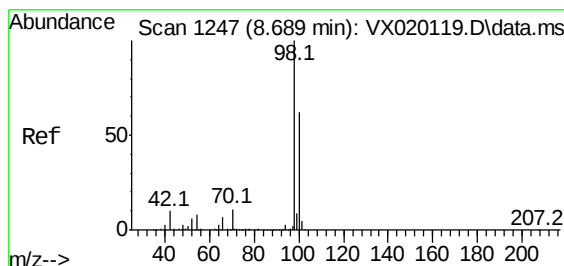
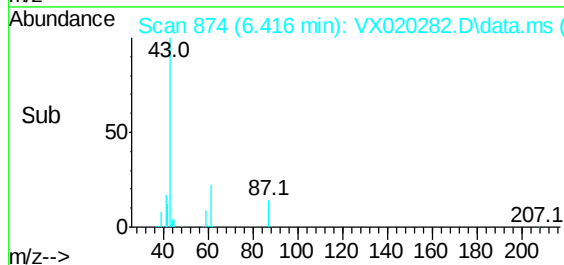
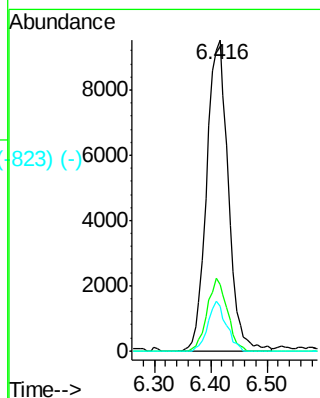
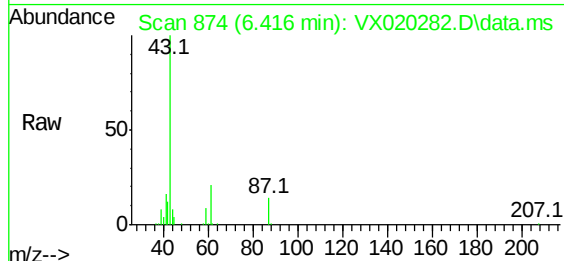




#43 (-)
Isopropyl Acetate
Concen: 3.45 ug/l
RT: 6.416 min Scan# 874
Delta R.T. 0.013 min
Lab File: VX020282.D
Acq: 22 Dec 2020 04:30

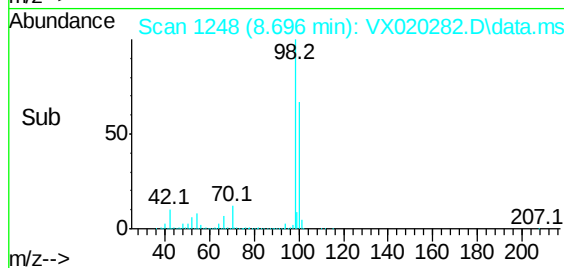
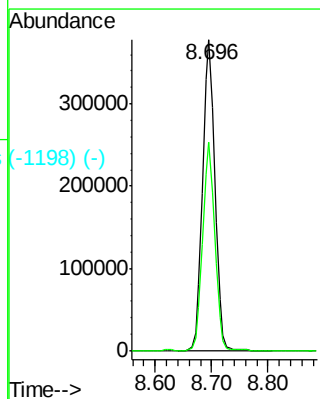
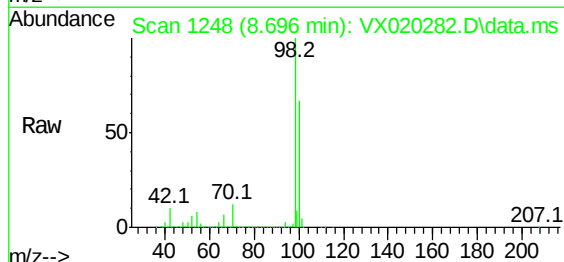
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#13

Tgt Ion: 43 Resp: 25005
Ion Ratio Lower Upper
43 100
61 21.6 18.2 27.4
87 13.4 12.5 18.7



#59 (-)
Toluene-d8
Concen: 51.45 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020282.D
Acq: 22 Dec 2020 04:30

Tgt Ion: 98 Resp: 566981
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

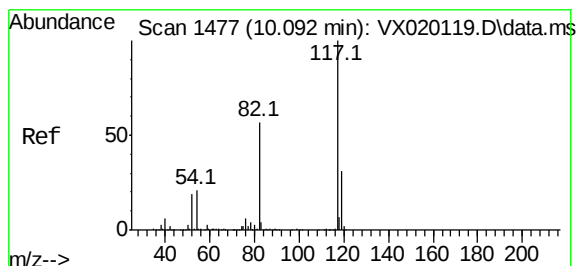
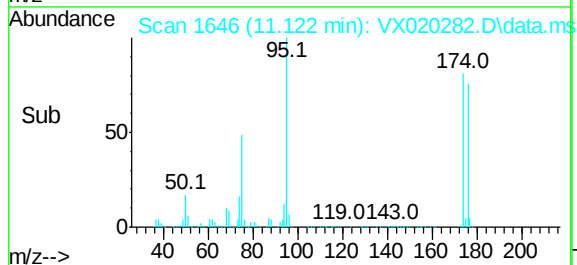
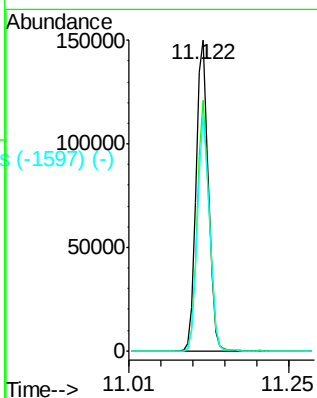
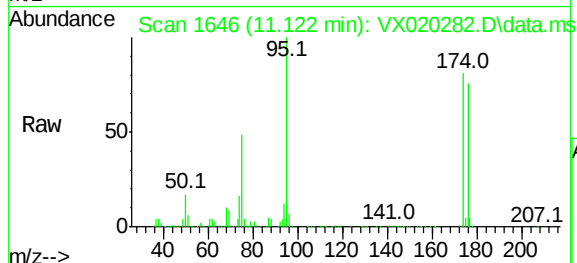




Scan 1646 (11.122 min): VX020119.D\data.ms (#639) (-)
 4-Bromofluorobenzene
 Concen: 45.84 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.000 min
 Lab File: VX020282.D
 Acq: 22 Dec 2020 04:30

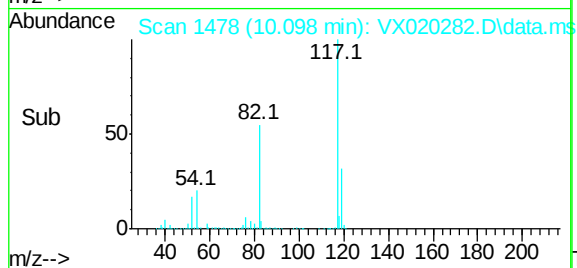
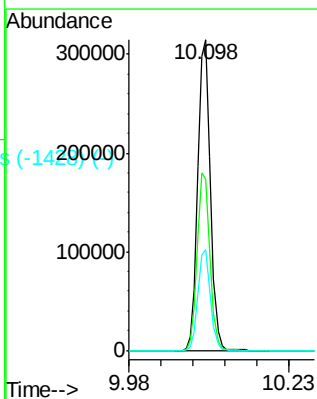
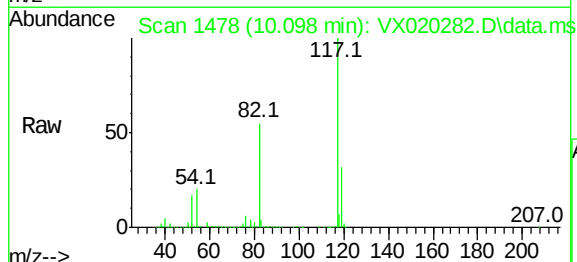
Instrument :
 MSVOA_X
 ClientSampleId :
 PB133709ZHE#13

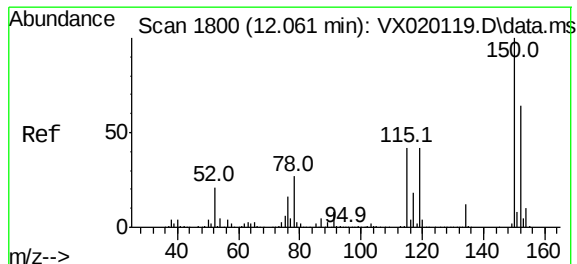
Tgt Ion:	95	Resp:	193348
Ion Ratio	Lower	Upper	
95	100		
174	78.1	0.0	154.6
176	74.4	0.0	155.8



Scan 1477 (10.092 min): VX020119.D\data.ms (#640) (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.098 min Scan# 1478
 Delta R.T. 0.006 min
 Lab File: VX020282.D
 Acq: 22 Dec 2020 04:30

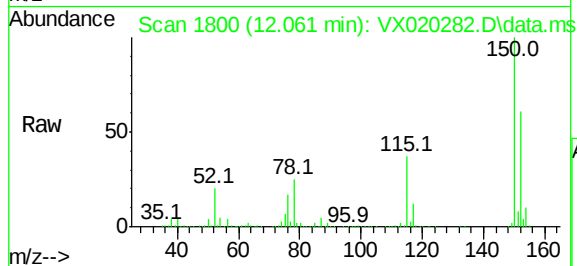
Tgt Ion:	117	Resp:	430137
Ion Ratio	Lower	Upper	
117	100		
82	55.2	47.4	71.2
119	32.4	26.6	39.8





#7294 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020282.D
 Acq: 22 Dec 2020 04:30

Instrument :
 MSVOA_X
ClientSampleId :
 PB133709ZHE#13



Tgt Ion:152 Resp: 180766

Ion	Ratio	Lower	Upper
152	100		
115	60.9	41.1	123.3
150	161.4	0.0	349.0

