

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123120\
 Data File : VX020481.D
 Acq On : 31 Dec 2020 14:25
 Operator : JC/MD
 Sample : PB133875TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133875ZHE#11

Quant Time: Jan 01 00:10:10 2021
 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)

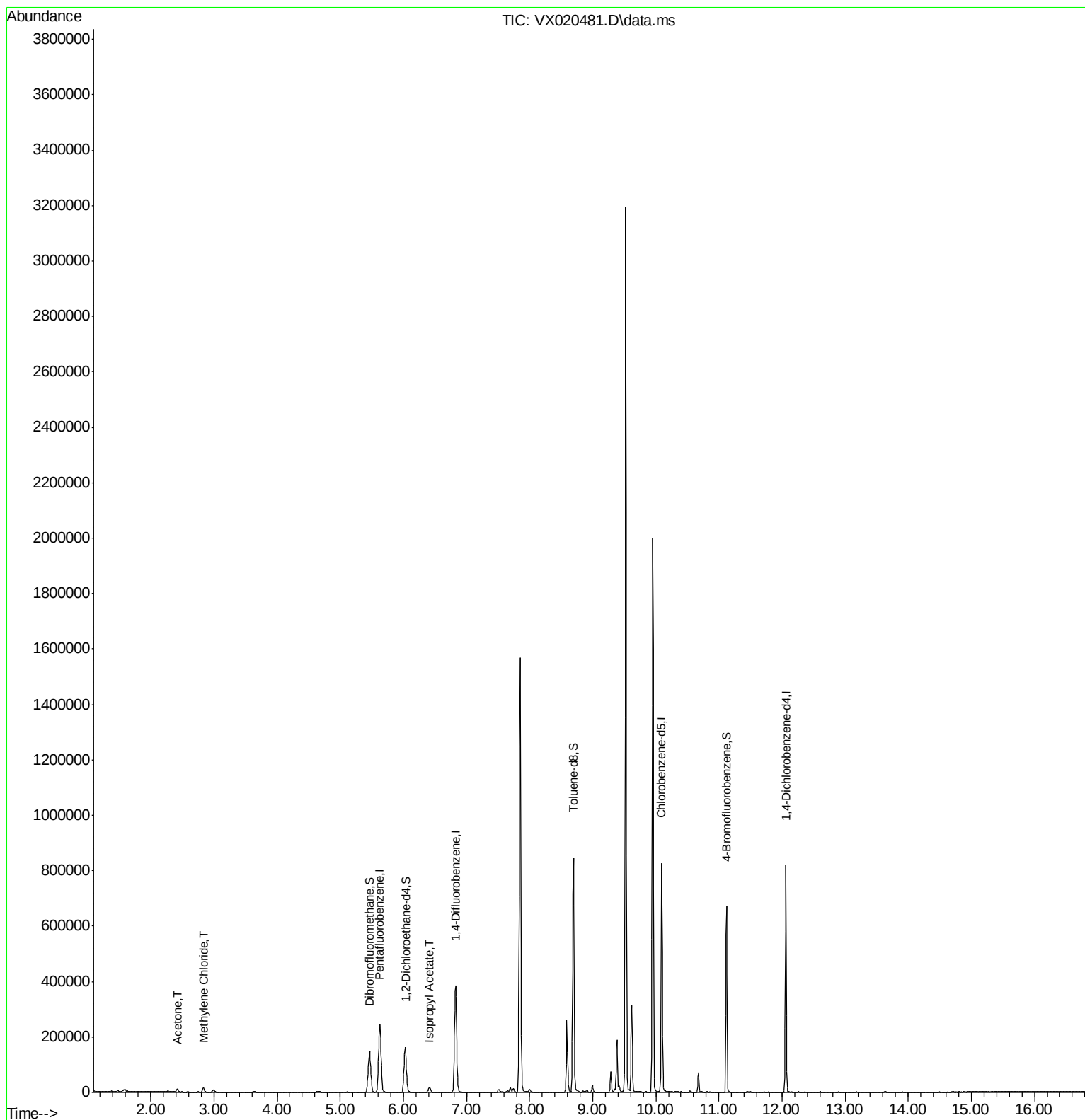
Internal Standards						
1) Pentafluorobenzene	5.629	168	233618	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	391200	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	389215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	167360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	155792	49.75	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.50%
35) Dibromofluoromethane	5.464	113	127936	51.12	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.24%
50) Toluene-d8	8.696	98	497530	51.65	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.30%
62) 4-Bromofluorobenzene	11.122	95	178905	48.53	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.06%
Target Compounds						
16) Acetone	2.422	43	10765	7.54	ug/l	98
20) Methylene Chloride	2.831	84	8438	2.62	ug/l	91
43) Isopropyl Acetate	6.409	43	22702	3.58	ug/l	99

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

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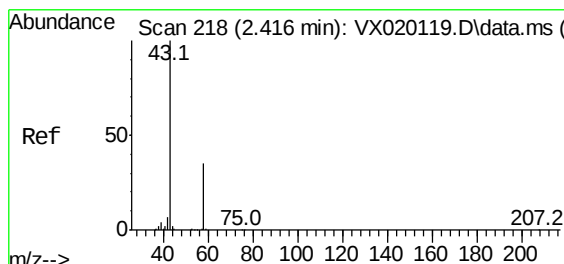
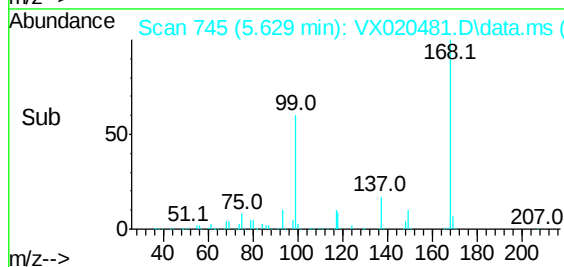
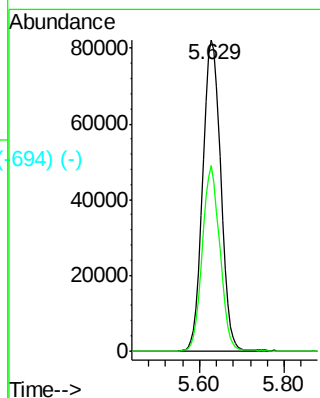
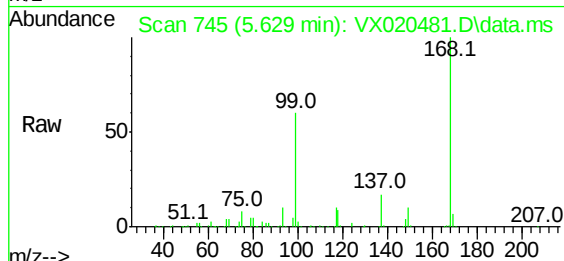




Scan 743 (5.617 min): VX020119.D\data.ms (-743) (-)
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020481.D
 Acq: 31 Dec 2020 14:25

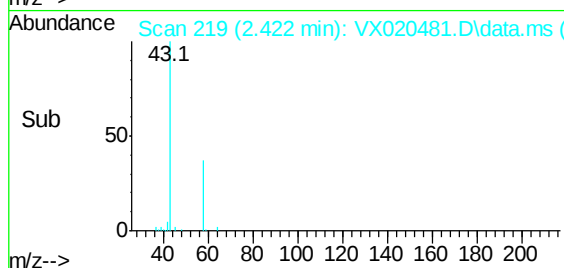
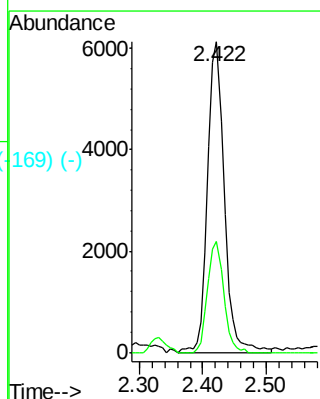
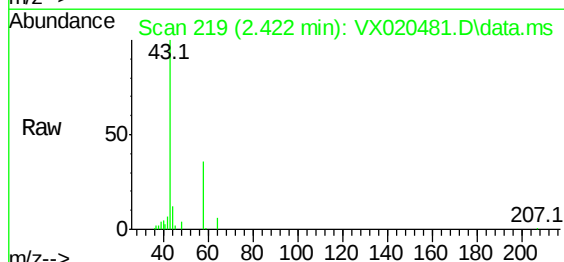
Instrument :
 MSVOA_X
 ClientSampleId :
 PB133875ZHE#11

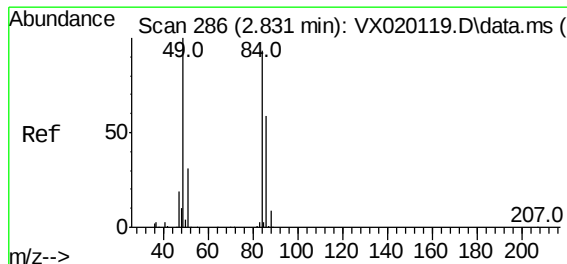
Tgt Ion: 168 Resp: 233618
 Ion Ratio Lower Upper
 168 100
 99 59.8 45.8 68.6



Scan 218 (2.416 min): VX020119.D\data.ms (-218) (-)
 Acetone
 Concen: 7.54 ug/l
 RT: 2.422 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VX020481.D
 Acq: 31 Dec 2020 14:25

Tgt Ion: 43 Resp: 10765
 Ion Ratio Lower Upper
 43 100
 58 35.9 27.8 41.8



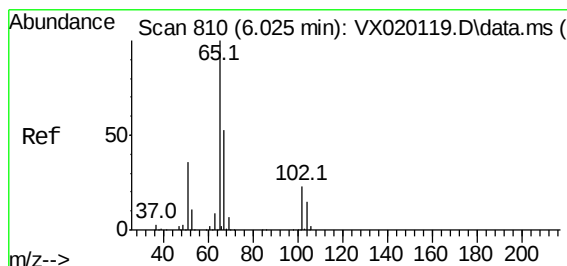
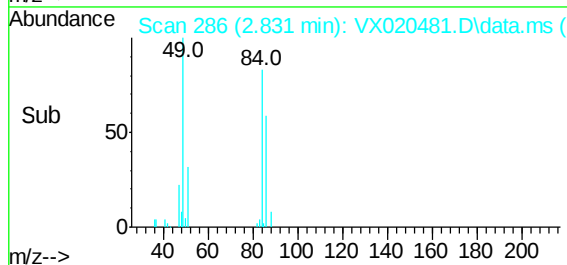
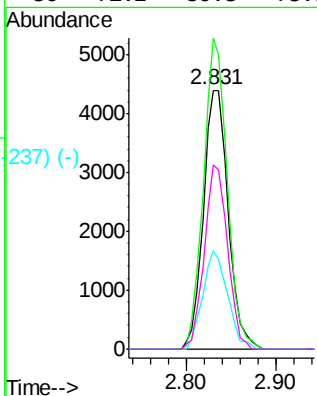
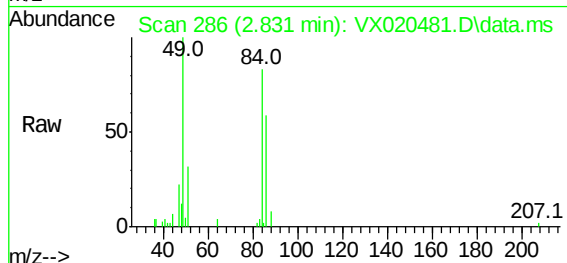


Methylene Chloride
Concen: 2.62 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#11

Tgt Ion: 84 Resp: 8438

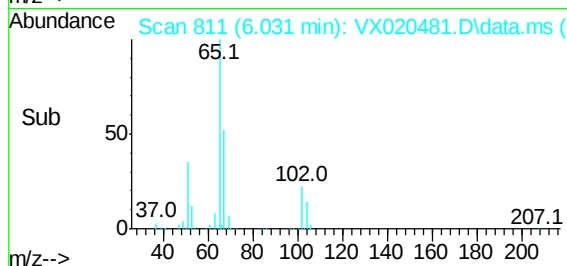
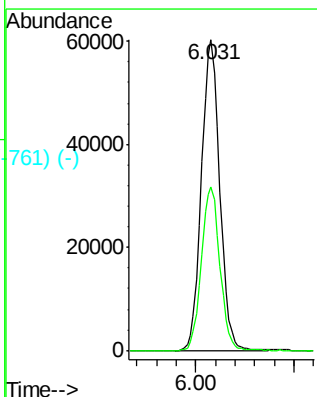
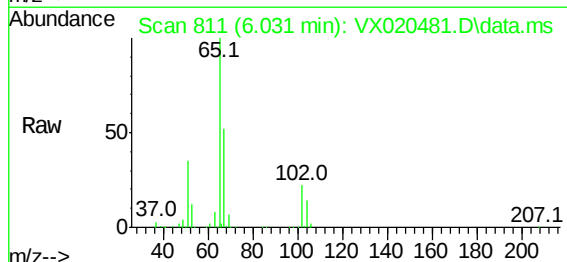
Ion	Ratio	Lower	Upper
84	100		
49	120.1	88.6	132.8
51	38.0	27.0	40.6
86	71.2	50.3	75.5

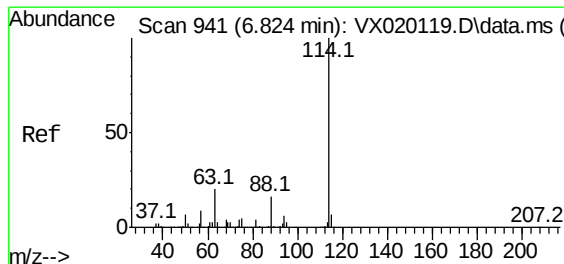


1,2-Dichloroethane-d4
Concen: 49.75 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

Tgt Ion: 65 Resp: 155792

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.4

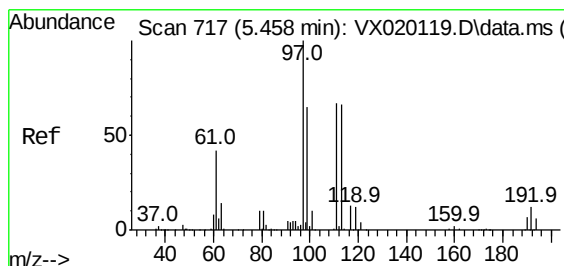
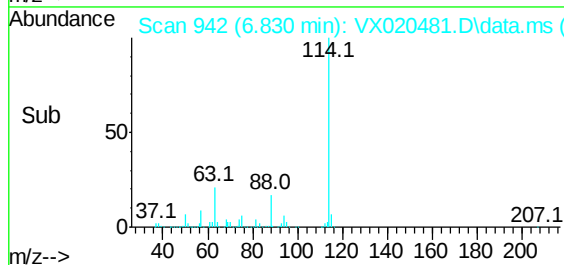
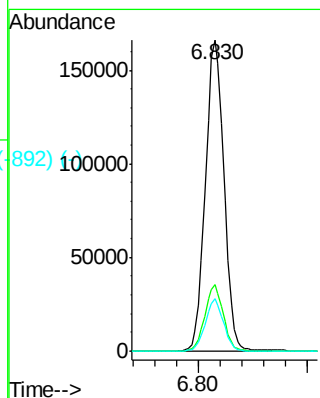
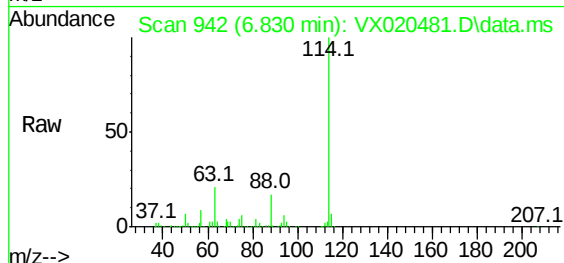




#64 (-)
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

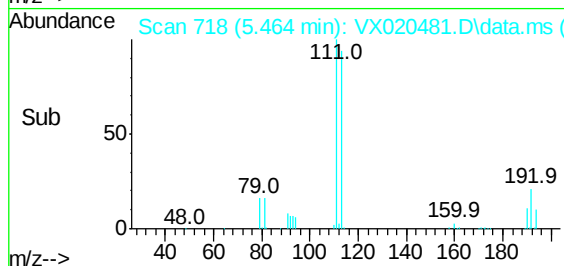
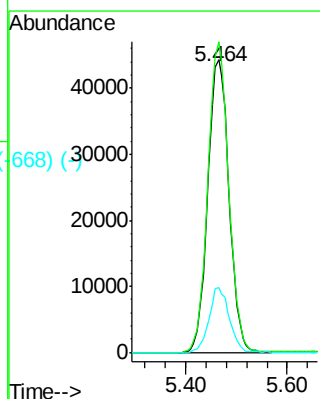
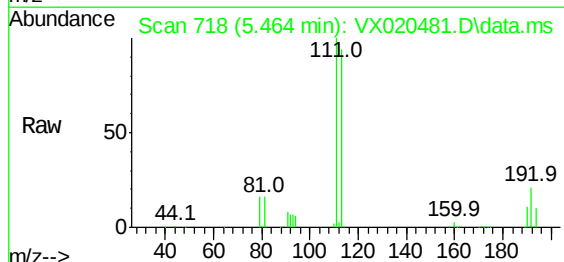
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#11

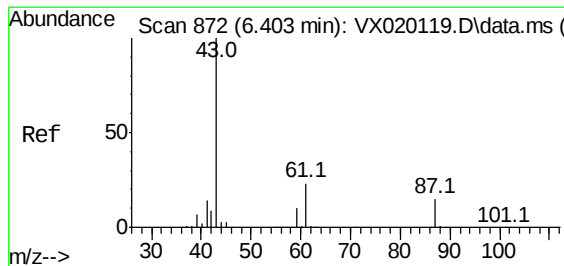
Tgt Ion:	114	Resp:	391200
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.8
88	16.6	0.0	32.8



#35 (-)
Dibromofluoromethane
Concen: 51.12 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

Tgt Ion:	113	Resp:	127936
Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.9	122.9
192	21.1	16.7	25.1

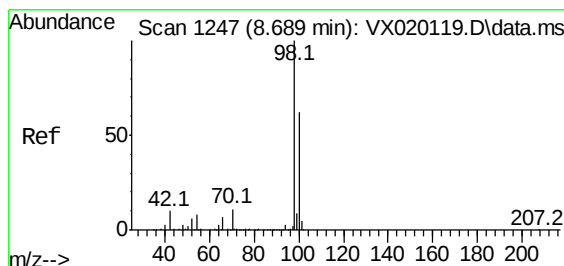
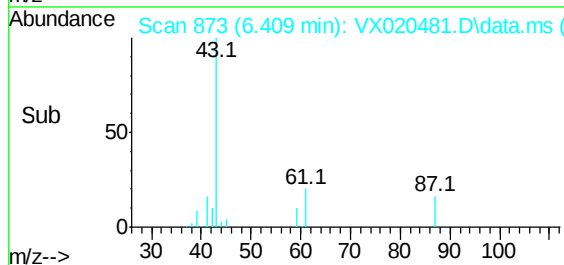
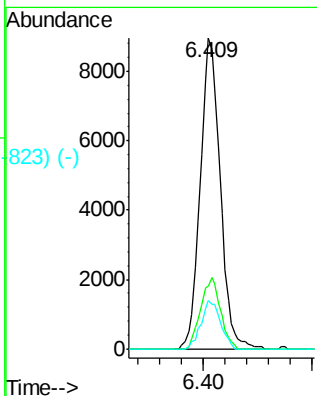
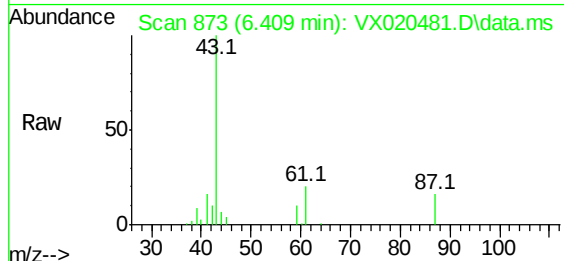




Isopropyl Acetate
 Concen: 3.58 ug/l
 RT: 6.409 min Scan# 873
 Delta R.T. 0.006 min
 Lab File: VX020481.D
 Acq: 31 Dec 2020 14:25

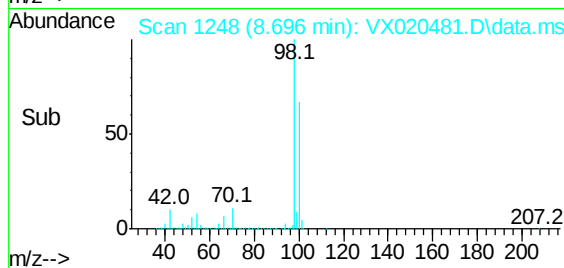
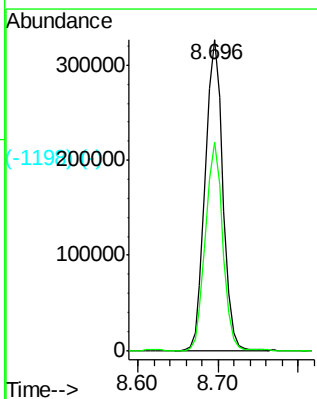
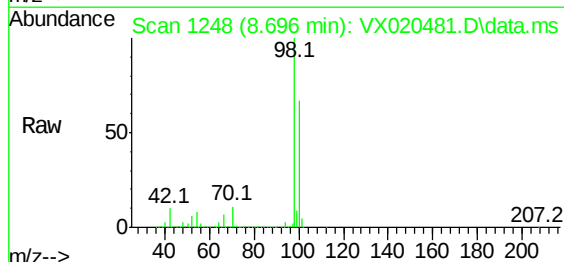
Instrument :
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 ClientSampleId :
 PB133875ZHE#11

Tgt Ion: 43 Resp: 22702
 Ion Ratio Lower Upper
 43 100
 61 22.5 18.2 27.4
 87 15.0 12.5 18.7



Toluene-d8
 Concen: 51.65 ug/l
 RT: 8.696 min Scan# 1248
 Delta R.T. 0.007 min
 Lab File: VX020481.D
 Acq: 31 Dec 2020 14:25

Tgt Ion: 98 Resp: 497530
 Ion Ratio Lower Upper
 98 100
 100 66.0 51.9 77.9

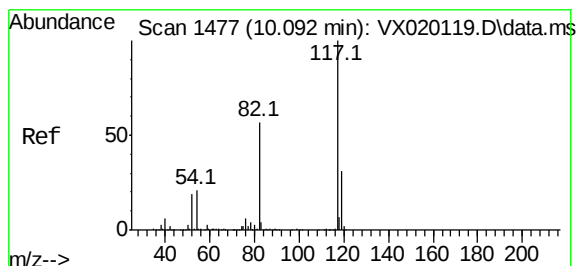
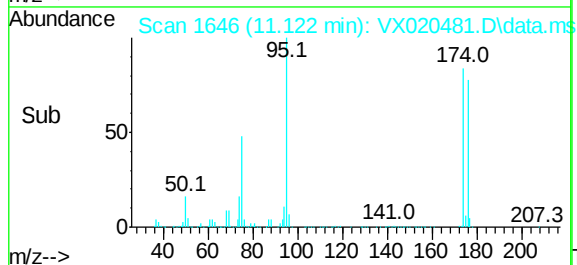
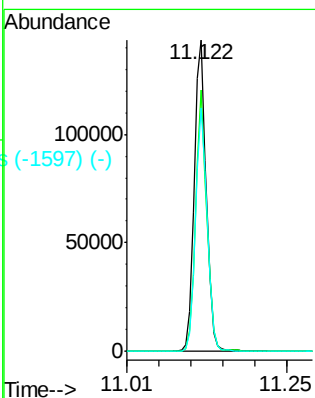
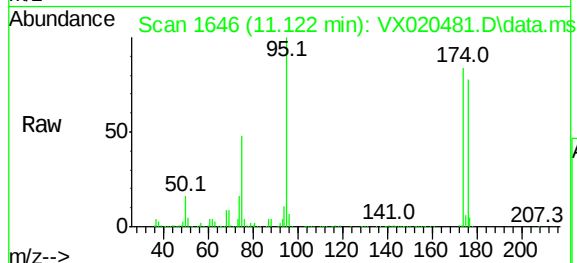




Scan 1646 (11.122 min): VX020119.D\data.ms
 #639 (-)
 4-Bromofluorobenzene
 Concen: 48.53 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: VX020481.D
 Acq: 31 Dec 2020 14:25

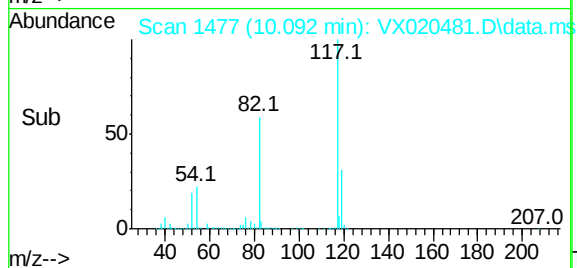
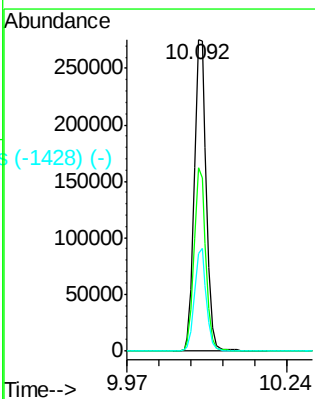
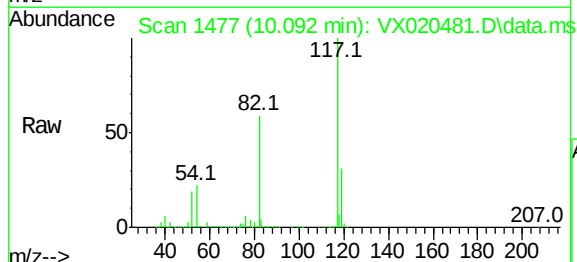
Instrument :
 MSVOA_X
 ClientSampleId :
 PB133875ZHE#11

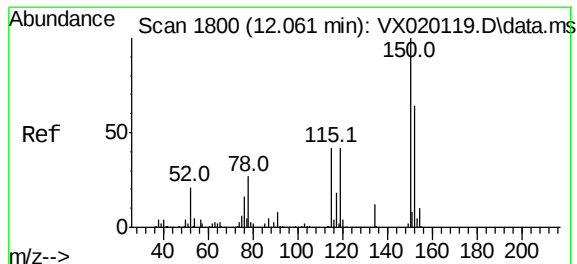
Tgt Ion:	95	Resp:	178905
Ion Ratio	Lower	Upper	
95	100		
174	77.9	0.0	154.6
176	75.7	0.0	155.8



Scan 1477 (10.092 min): VX020119.D\data.ms
 #640 (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.092 min Scan# 1477
 Delta R.T. -0.000 min
 Lab File: VX020481.D
 Acq: 31 Dec 2020 14:25

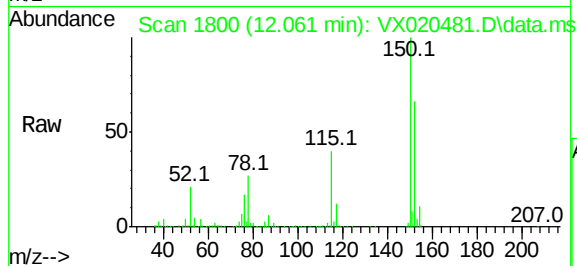
Tgt Ion:	117	Resp:	389215
Ion Ratio	Lower	Upper	
117	100		
82	58.7	47.4	71.2
119	31.2	26.6	39.8





#1794 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020481.D
 Acq: 31 Dec 2020 14:25

Instrument :
 MSVOA_X
ClientSampleId :
 PB133875ZHE#11



Tgt Ion:152 Resp: 167360

Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.1	123.3
150	153.6	0.0	349.0

