

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX121820\
 Data File : VX020146.D
 Acq On : 19 Dec 2020 03:55
 Operator : JC/MD
 Sample : PB133677ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133677ZHE#08

Quant Time: Dec 19 06:38:39 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)

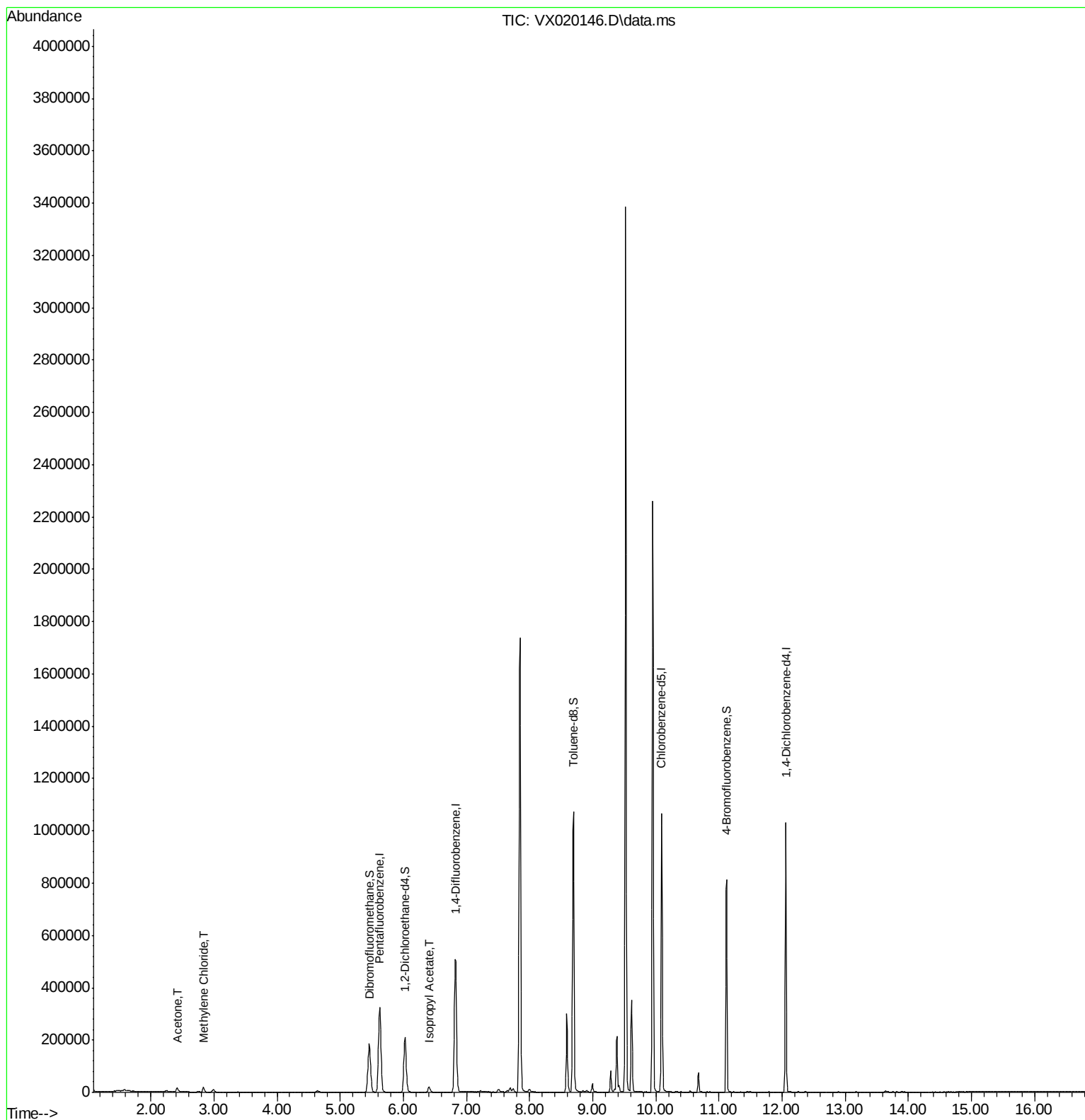
Internal Standards						
1) Pentafluorobenzene	5.623	168	311844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	525968	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	494693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	210374	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	202029	48.33	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	96.66%	
35) Dibromofluoromethane	5.458	113	161925	48.13	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	96.26%	
50) Toluene-d8	8.696	98	646397	49.91	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	99.82%	
62) 4-Bromofluorobenzene	11.122	95	231348	46.67	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	93.34%	
Target Compounds						
16) Acetone	2.416	43	13299	6.98	ug/l	97
20) Methylene Chloride	2.831	84	8963	2.09	ug/l	97
43) Isopropyl Acetate	6.409	43	26096	3.06	ug/l	98

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

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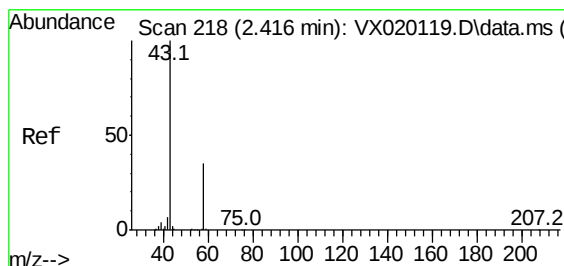
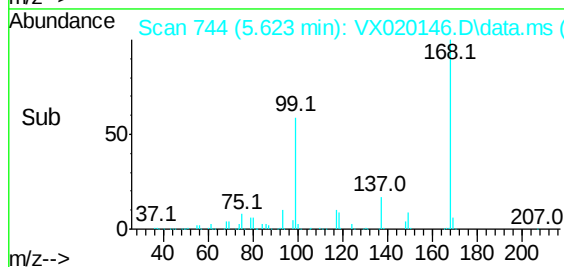
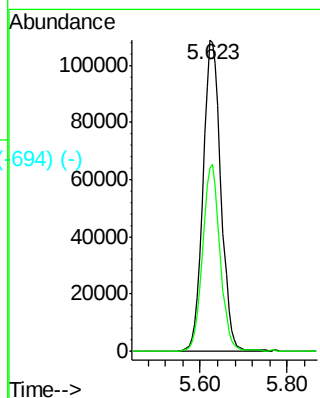
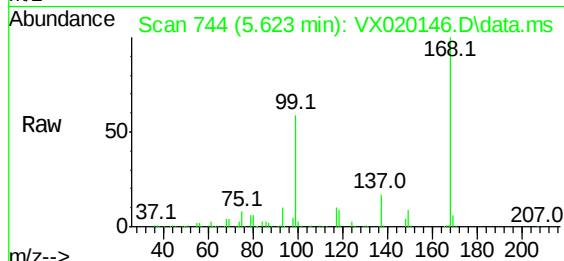




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

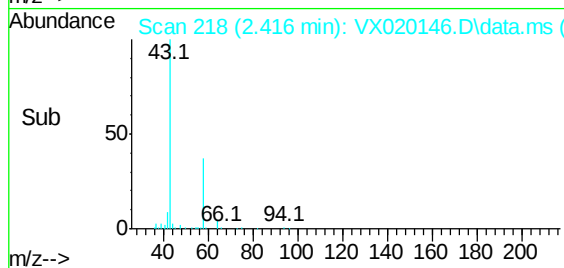
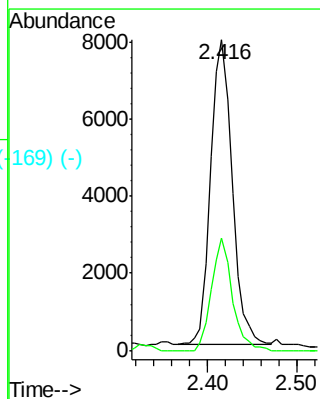
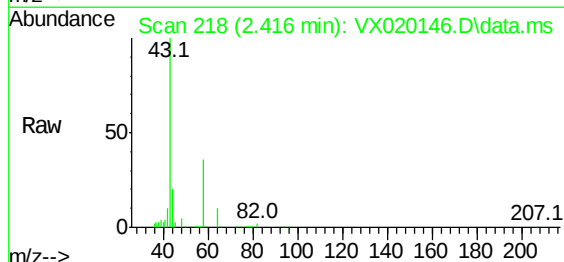
Instrument :
MSVOA_X
ClientSampleId :
PB133677ZHE#08

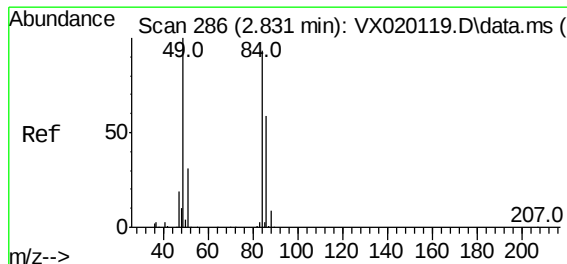
Tgt Ion:168 Resp: 311844
Ion Ratio Lower Upper
168 100
99 58.7 45.8 68.6



Acetone
Concen: 6.98 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

Tgt Ion: 43 Resp: 13299
Ion Ratio Lower Upper
43 100
58 36.7 27.8 41.8



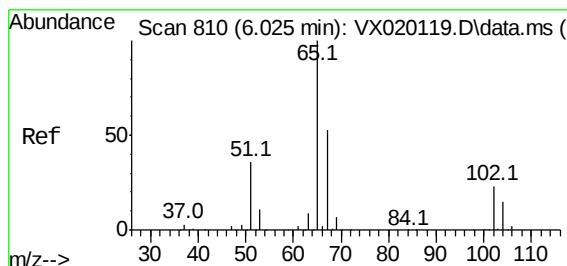
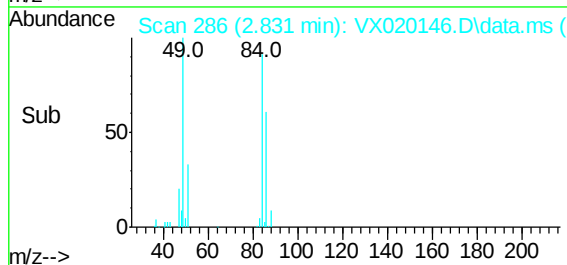
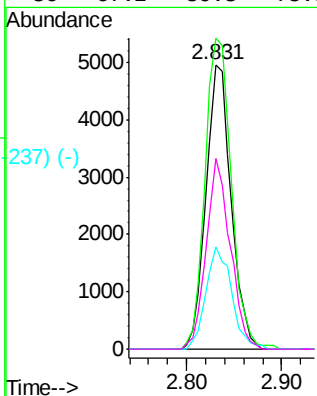
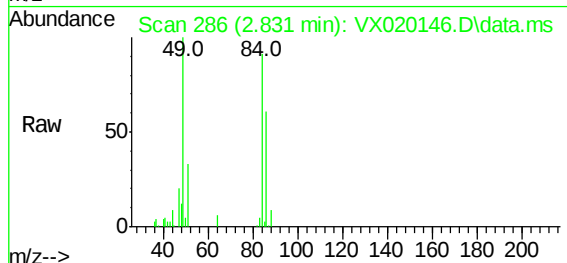


Methylene Chloride
Concen: 2.09 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

Instrument :
MSVOA_X
ClientSampleId :
PB133677ZHE#08

Tgt Ion: 84 Resp: 8963

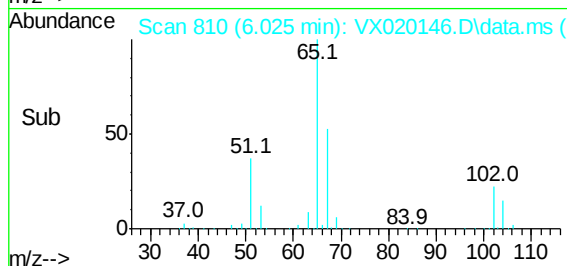
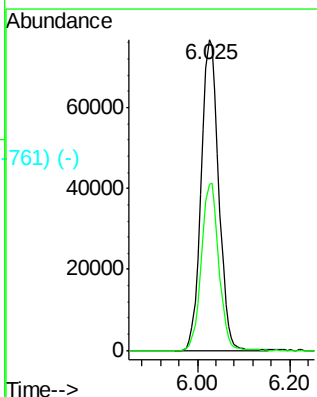
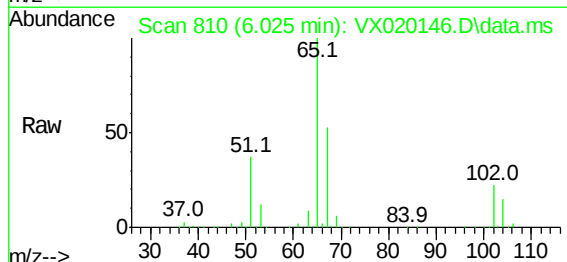
Ion	Ratio	Lower	Upper
84	100		
49	109.4	88.6	132.8
51	35.9	27.0	40.6
86	67.1	50.3	75.5

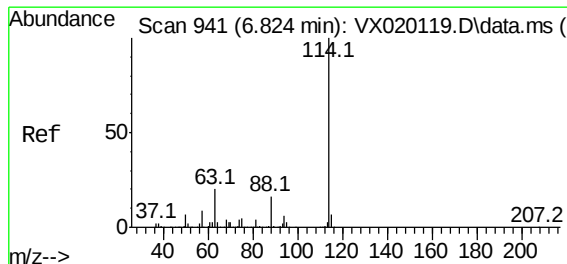


1,2-Dichloroethane-d4
Concen: 48.33 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

Tgt Ion: 65 Resp: 202029

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.4



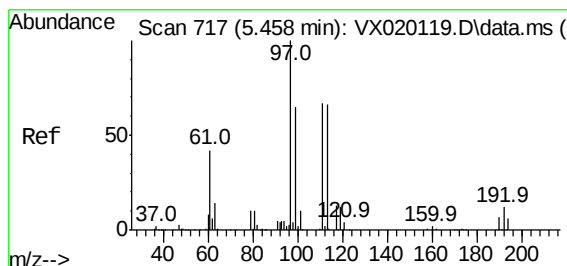
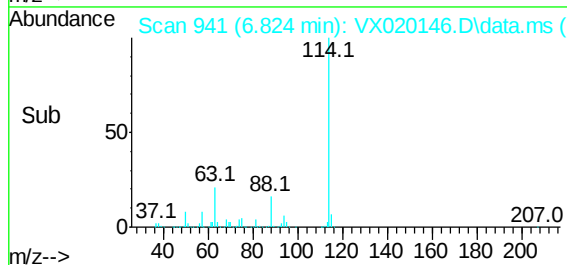
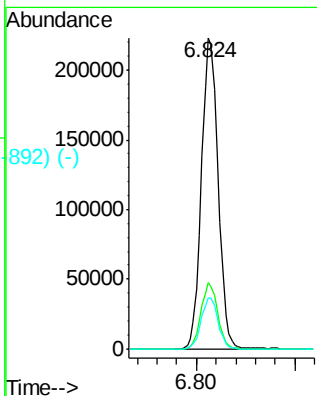
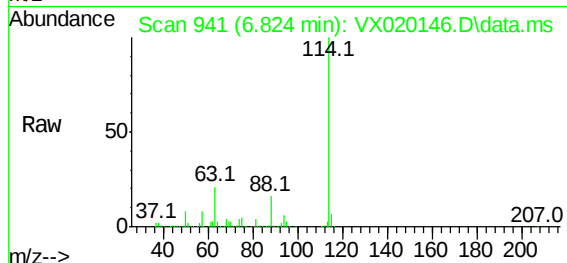


1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.000 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

Instrument :
MSVOA_X
ClientSampleId :
PB133677ZHE#08

Tgt Ion:114 Resp: 525968

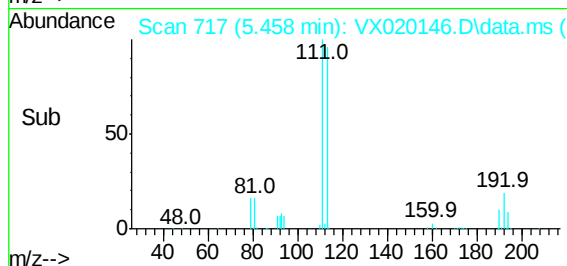
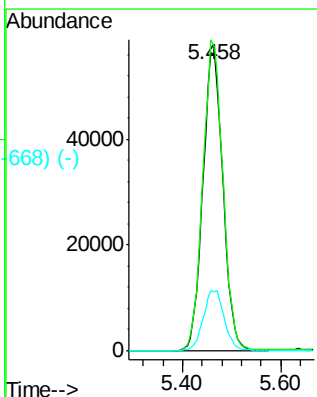
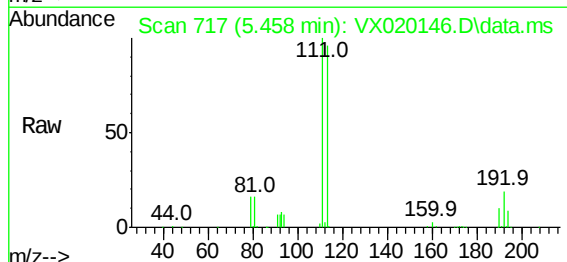
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.8
88	16.3	0.0	32.8

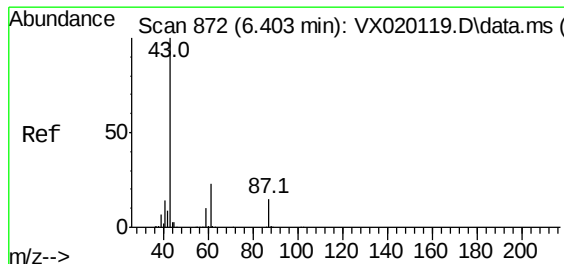


Dibromofluoromethane
Concen: 48.13 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

Tgt Ion:113 Resp: 161925

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.9	122.9
192	20.7	16.7	25.1

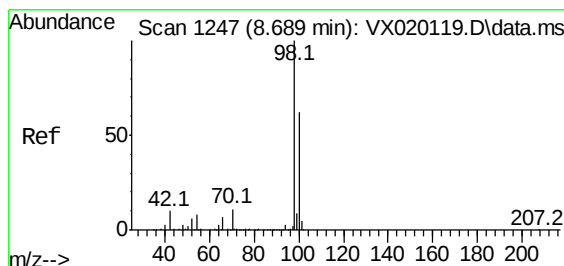
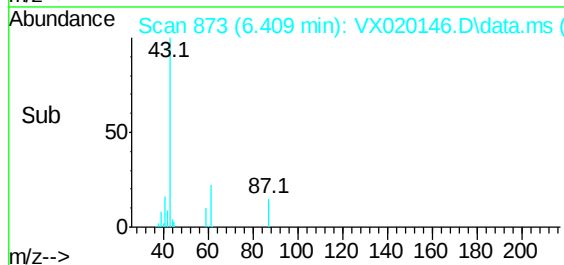
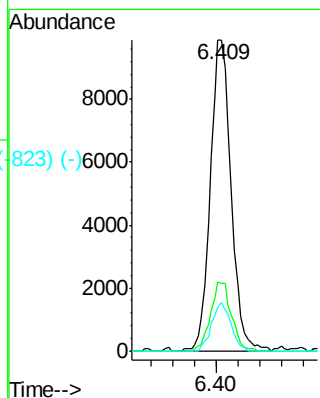
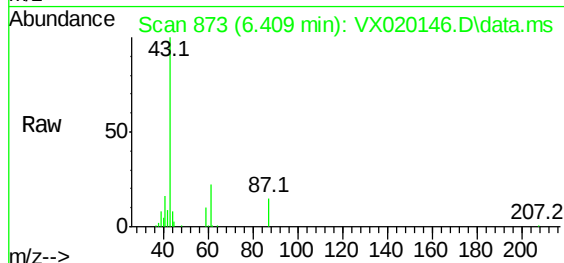




#43 (-)
Isopropyl Acetate
Concen: 3.06 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

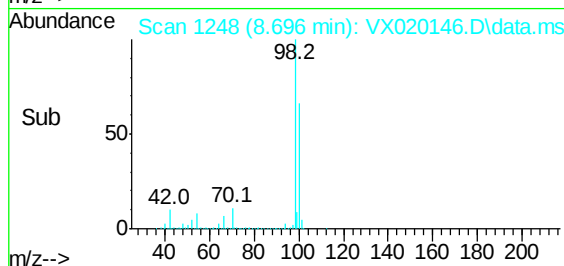
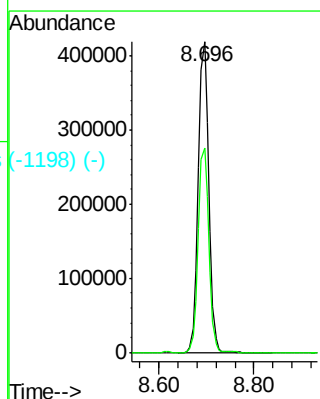
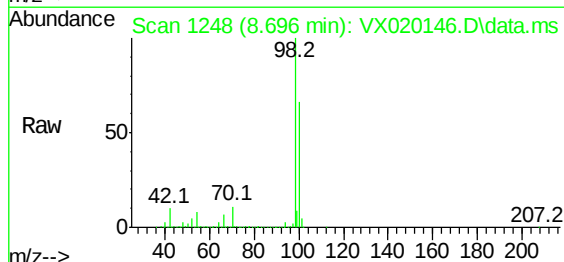
Instrument :
MSVOA_X
ClientSampleId :
PB133677ZHE#08

Tgt Ion:	43	Resp:	26096
Ion	Ratio	Lower	Upper
43	100		
61	22.2	18.2	27.4
87	14.3	12.5	18.7



#59 (-)
Toluene-d8
Concen: 49.91 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020146.D
Acq: 19 Dec 2020 03:55

Tgt Ion:	98	Resp:	646397
Ion	Ratio	Lower	Upper
98	100		
100	66.6	51.9	77.9



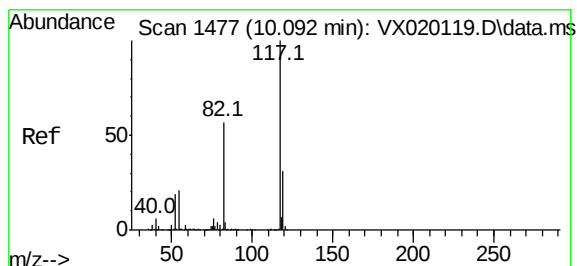
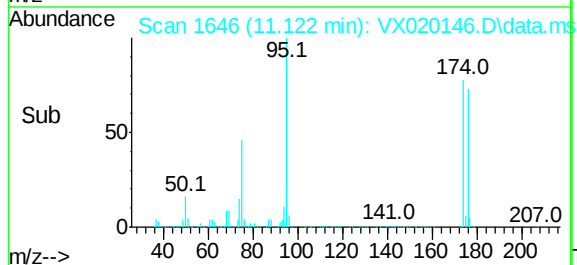
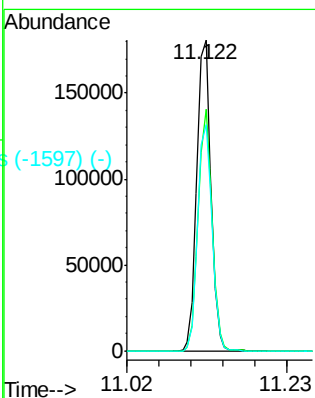
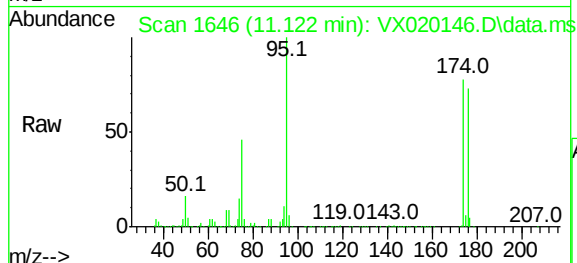


Scan 1646 (11.122 min): VX020119.D\data.ms
 #639 (-)
 4-Bromofluorobenzene
 Concen: 46.67 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: VX020146.D
 Acq: 19 Dec 2020 03:55

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133677ZHE#08

Tgt Ion: 95 Resp: 231348

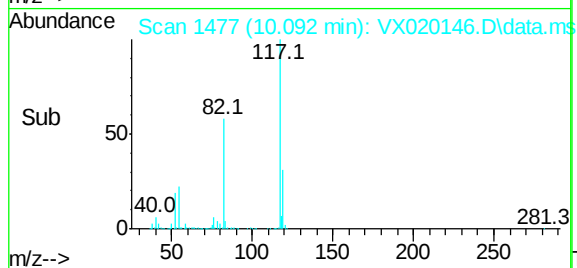
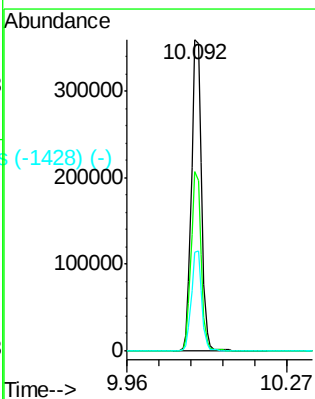
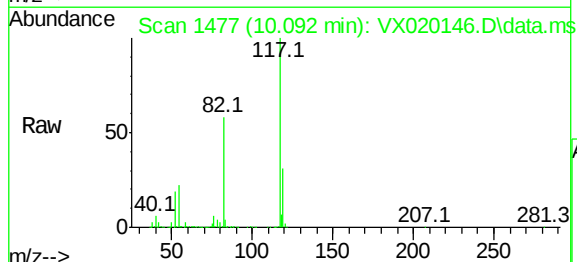
Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	154.6
176	74.2	0.0	155.8

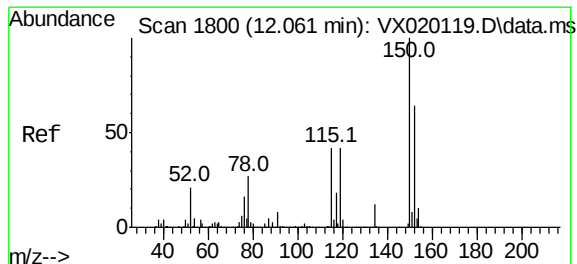


Scan 1477 (10.092 min): VX020119.D\data.ms
 #640 (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.092 min Scan# 1477
 Delta R.T. -0.000 min
 Lab File: VX020146.D
 Acq: 19 Dec 2020 03:55

Tgt Ion: 117 Resp: 494693

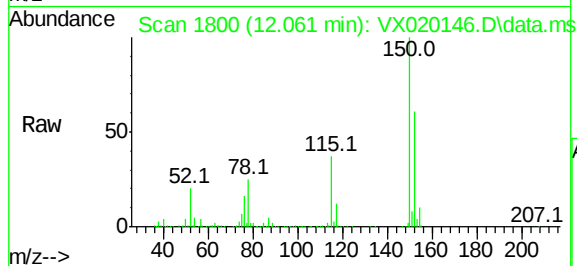
Ion	Ratio	Lower	Upper
117	100		
82	57.6	47.4	71.2
119	31.4	26.6	39.8





#1794 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020146.D
 Acq: 19 Dec 2020 03:55

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133677ZHE#08



Tgt Ion:152 Resp: 210374

Ion	Ratio	Lower	Upper
152	100		
115	60.4	41.1	123.3
150	159.0	0.0	349.0

