

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020273.D
 Acq On : 22 Dec 2020 00:59
 Operator : JC/MD
 Sample : PB133709ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133709ZHE#04

Quant Time: Dec 22 05:16:14 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)

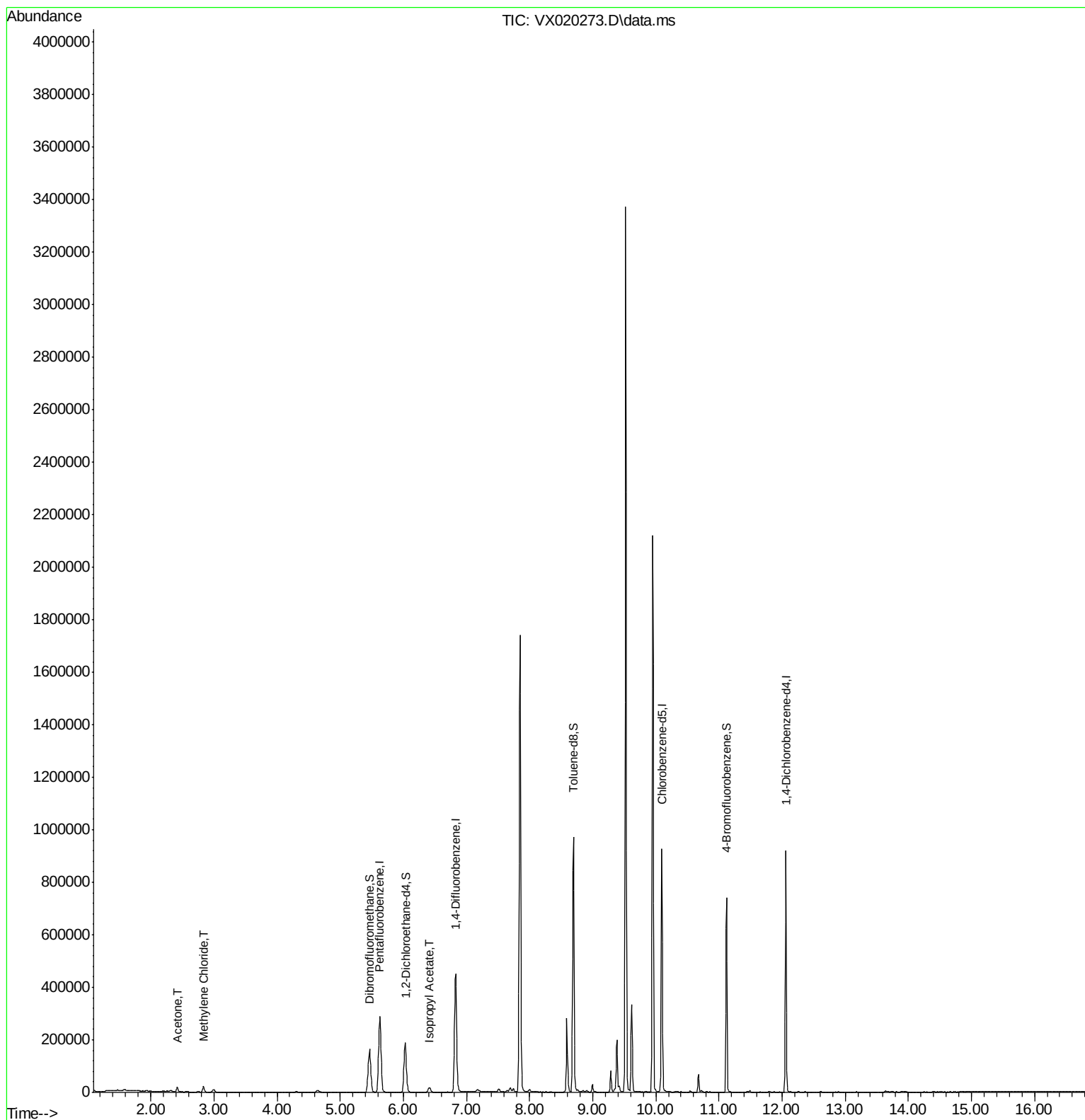
Internal Standards						
1) Pentafluorobenzene	5.629	168	270008	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	453540	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	440162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	183524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	181056	50.03	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	100.06%	
35) Dibromofluoromethane	5.464	113	146103	50.36	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	100.72%	
50) Toluene-d8	8.695	98	568703	50.92	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.122	95	199835	46.75	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	93.50%	
Target Compounds						
16) Acetone	2.416	43	17981	10.89	ug/l	100
20) Methylene Chloride	2.830	84	10455	2.81	ug/l	99
43) Isopropyl Acetate	6.409	43	24732	3.36	ug/l	96

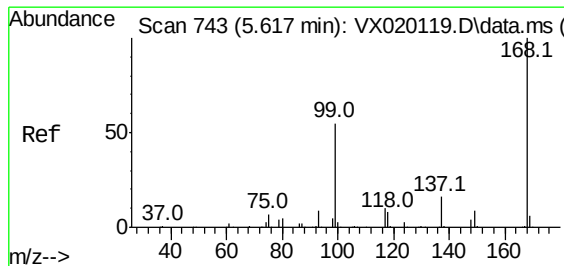
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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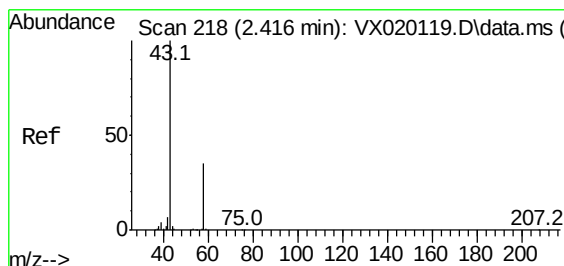
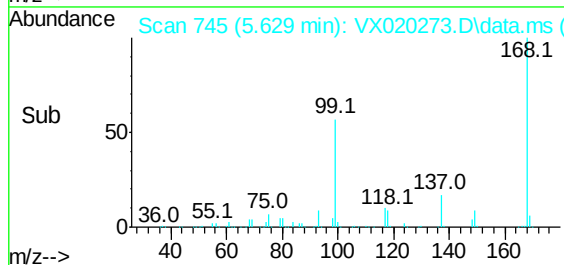
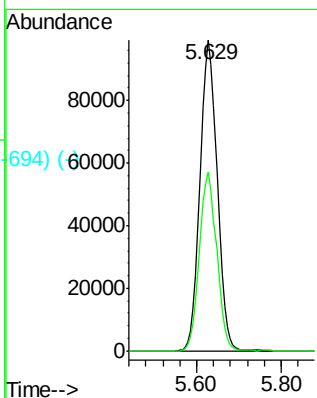
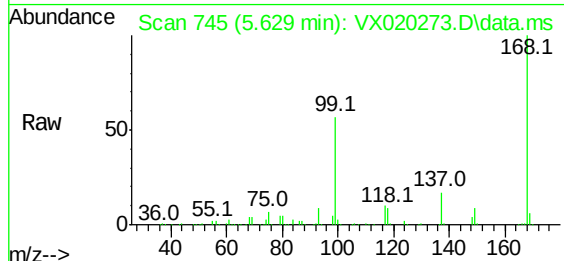




Pentafuorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020273.D
 Acq: 22 Dec 2020 00:59

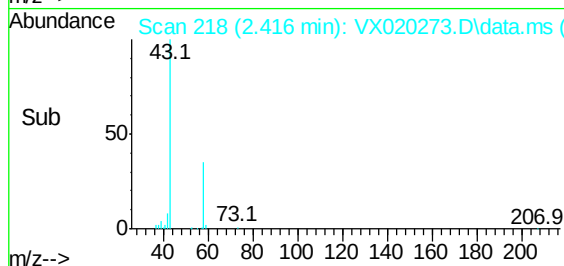
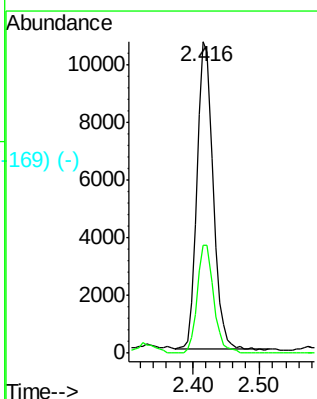
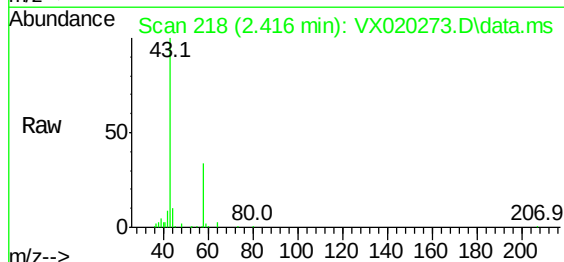
Instrument :
 MSVOA_X
 ClientSampleId :
 PB133709ZHE#04

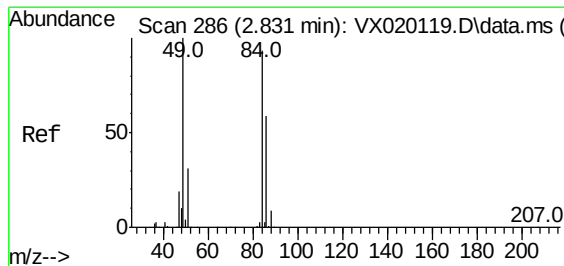
Tgt Ion:168 Resp: 270008
 Ion Ratio Lower Upper
 168 100
 99 57.4 45.8 68.6



Acetone
 Concen: 10.89 ug/l
 RT: 2.416 min Scan# 218
 Delta R.T. -0.000 min
 Lab File: VX020273.D
 Acq: 22 Dec 2020 00:59

Tgt Ion: 43 Resp: 17981
 Ion Ratio Lower Upper
 43 100
 58 34.8 27.8 41.8



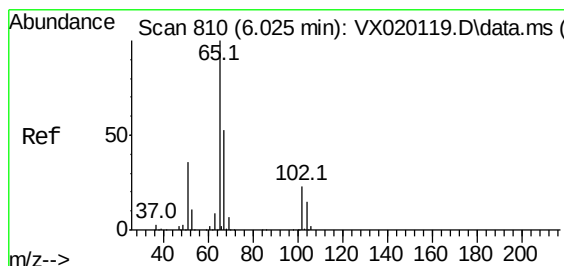
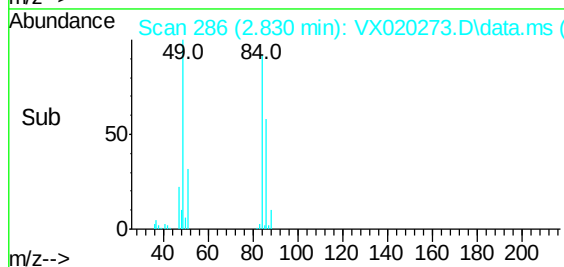
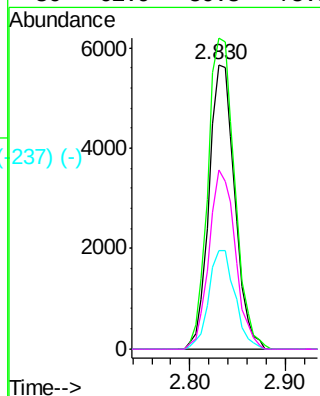
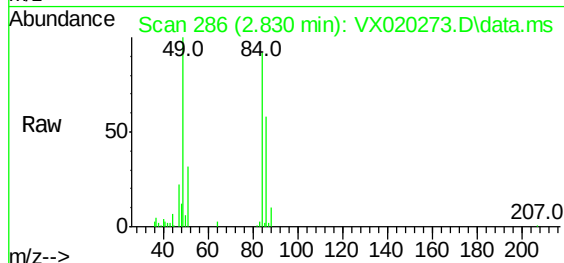


Methylene Chloride
Concen: 2.81 ug/l
RT: 2.830 min Scan# 286
Delta R.T. -0.001 min
Lab File: VX020273.D
Acq: 22 Dec 2020 00:59

Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#04

Tgt Ion: 84 Resp: 10455

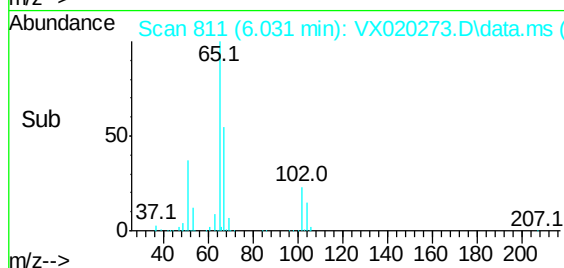
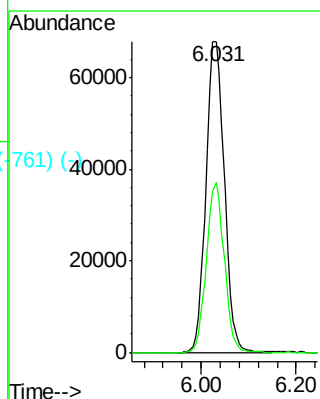
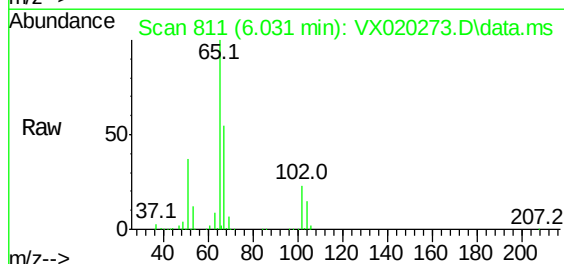
Ion	Ratio	Lower	Upper
84	100		
49	109.2	88.6	132.8
51	34.7	27.0	40.6
86	62.9	50.3	75.5

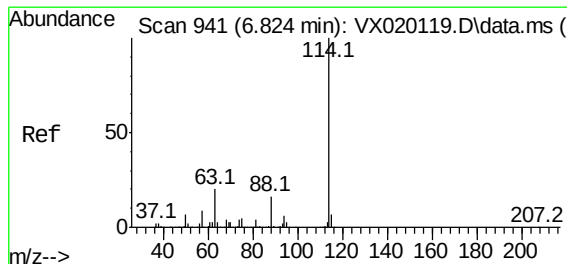


1,2-Dichloroethane-d4
Concen: 50.03 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020273.D
Acq: 22 Dec 2020 00:59

Tgt Ion: 65 Resp: 181056

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.4

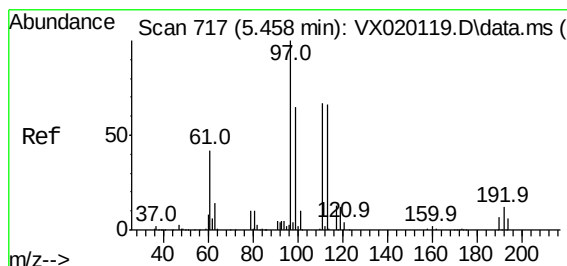
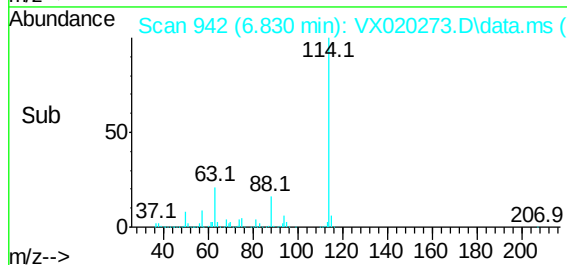
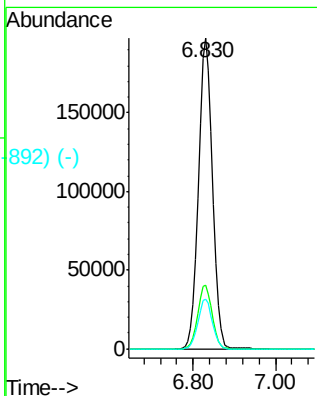
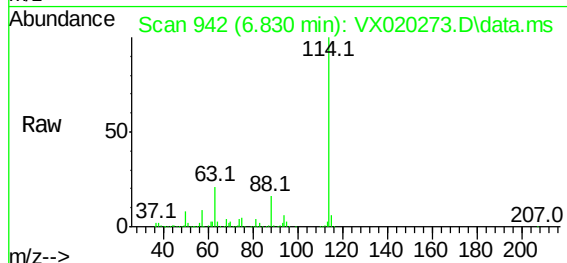




1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020273.D
Acq: 22 Dec 2020 00:59

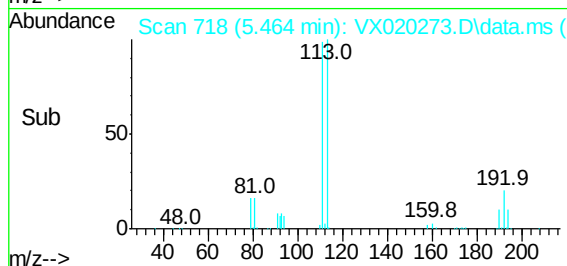
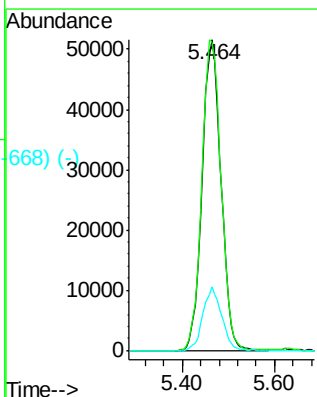
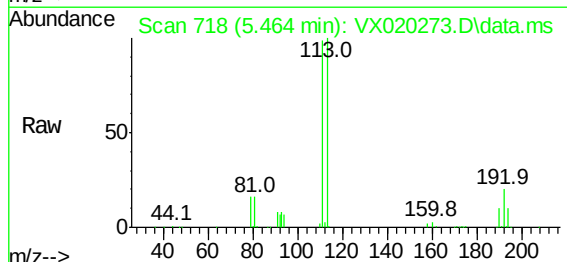
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#04

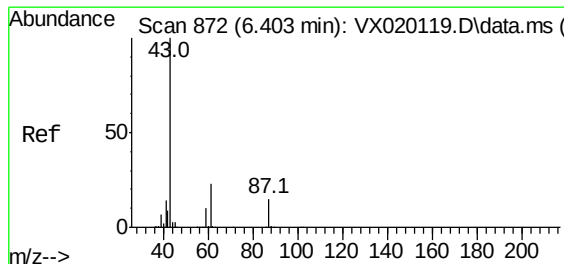
Tgt Ion:	114	Resp:	453540
Ion Ratio	Lower	Upper	
114	100		
63	20.6	0.0	40.8
88	15.9	0.0	32.8



Dibromofluoromethane
Concen: 50.36 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020273.D
Acq: 22 Dec 2020 00:59

Tgt Ion:	113	Resp:	146103
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.9	122.9
192	20.0	16.7	25.1

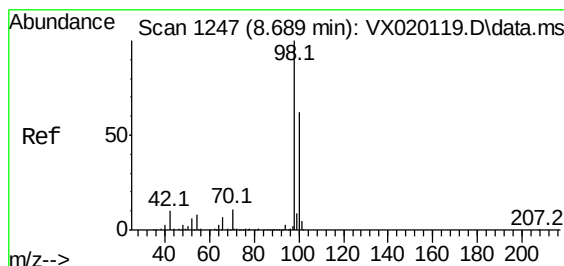
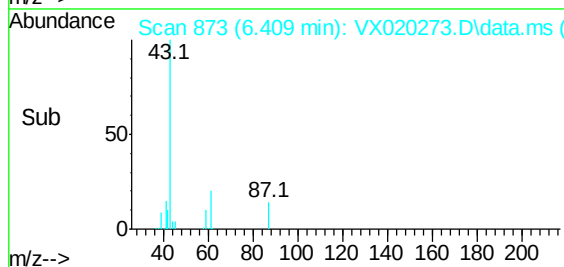
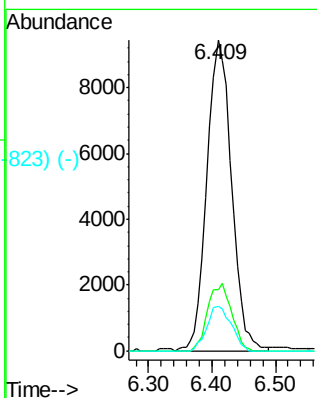
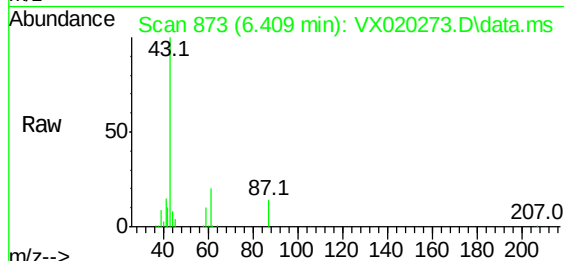




#43 (-)
Isopropyl Acetate
Concen: 3.36 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020273.D
Acq: 22 Dec 2020 00:59

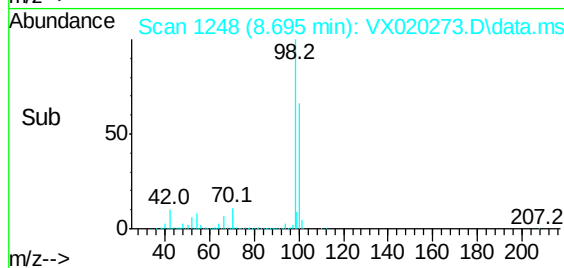
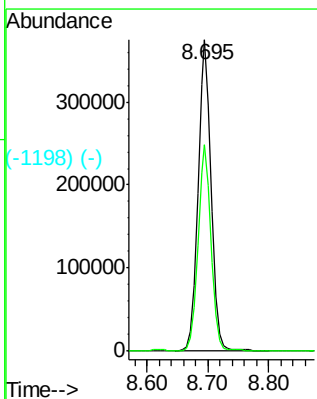
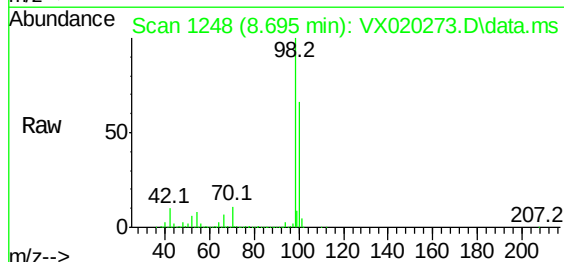
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#04

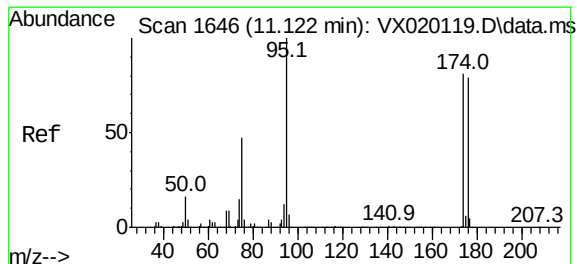
Tgt Ion: 43 Resp: 24732
Ion Ratio Lower Upper
43 100
61 20.8 18.2 27.4
87 13.9 12.5 18.7



#509 (-)
Toluene-d8
Concen: 50.92 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020273.D
Acq: 22 Dec 2020 00:59

Tgt Ion: 98 Resp: 568703
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9

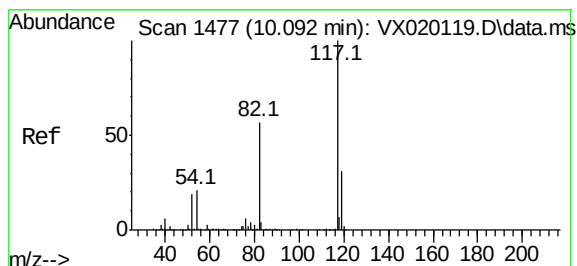
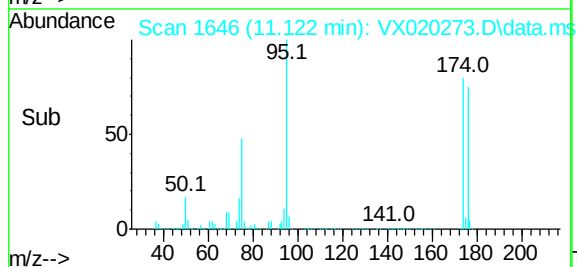
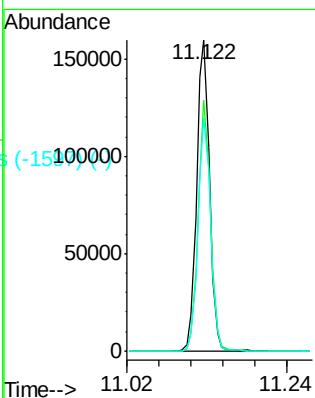
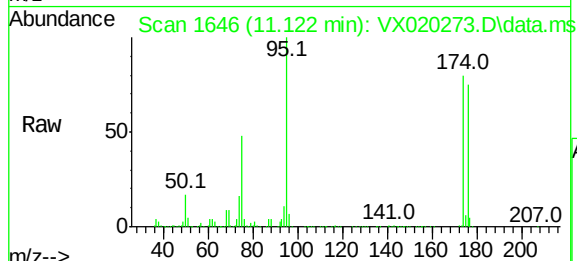




Scan 1646 (11.122 min): VX020119.D\data.ms
 #639 (-)
 4-Bromofluorobenzene
 Concen: 46.75 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: VX020273.D
 Acq: 22 Dec 2020 00:59

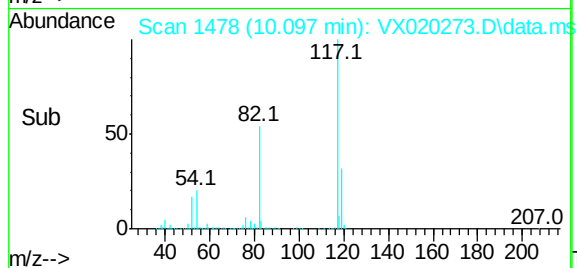
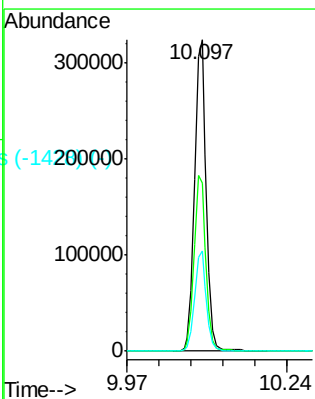
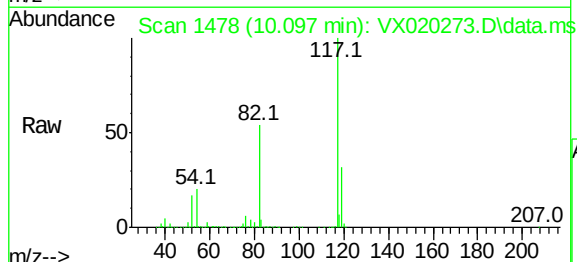
Instrument :
 MSVOA_X
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 PB133709ZHE#04

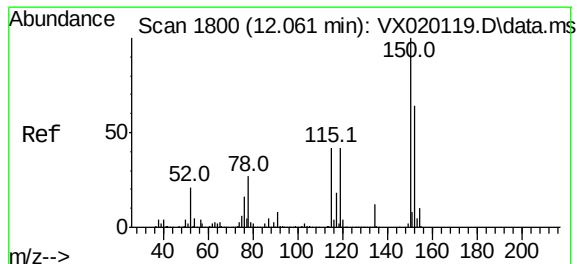
Tgt Ion:	95	Resp:	199835
Ion Ratio	Lower	Upper	
95	100		
174	77.4	0.0	154.6
176	73.6	0.0	155.8



Scan 1477 (10.092 min): VX020119.D\data.ms
 #640 (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.097 min Scan# 1478
 Delta R.T. 0.005 min
 Lab File: VX020273.D
 Acq: 22 Dec 2020 00:59

Tgt Ion:	117	Resp:	440162
Ion Ratio	Lower	Upper	
117	100		
82	53.8	47.4	71.2
119	32.2	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: VX020273.D
 Acq: 22 Dec 2020 00:59

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133709ZHE#04

Tgt Ion:	152	Resp:	183524
Ion Ratio	Lower	Upper	
152	100		
115	60.0	41.1	123.3
150	155.0	0.0	349.0

