

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121120\
 Data File : VX019873.D
 Acq On : 11 Dec 2020 13:07
 Operator : JC/MD
 Sample : L5028-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-1

Quant Time: Dec 12 00:22:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X120820W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Dec 09 06:09:21 2020
 Response via : Initial Calibration

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

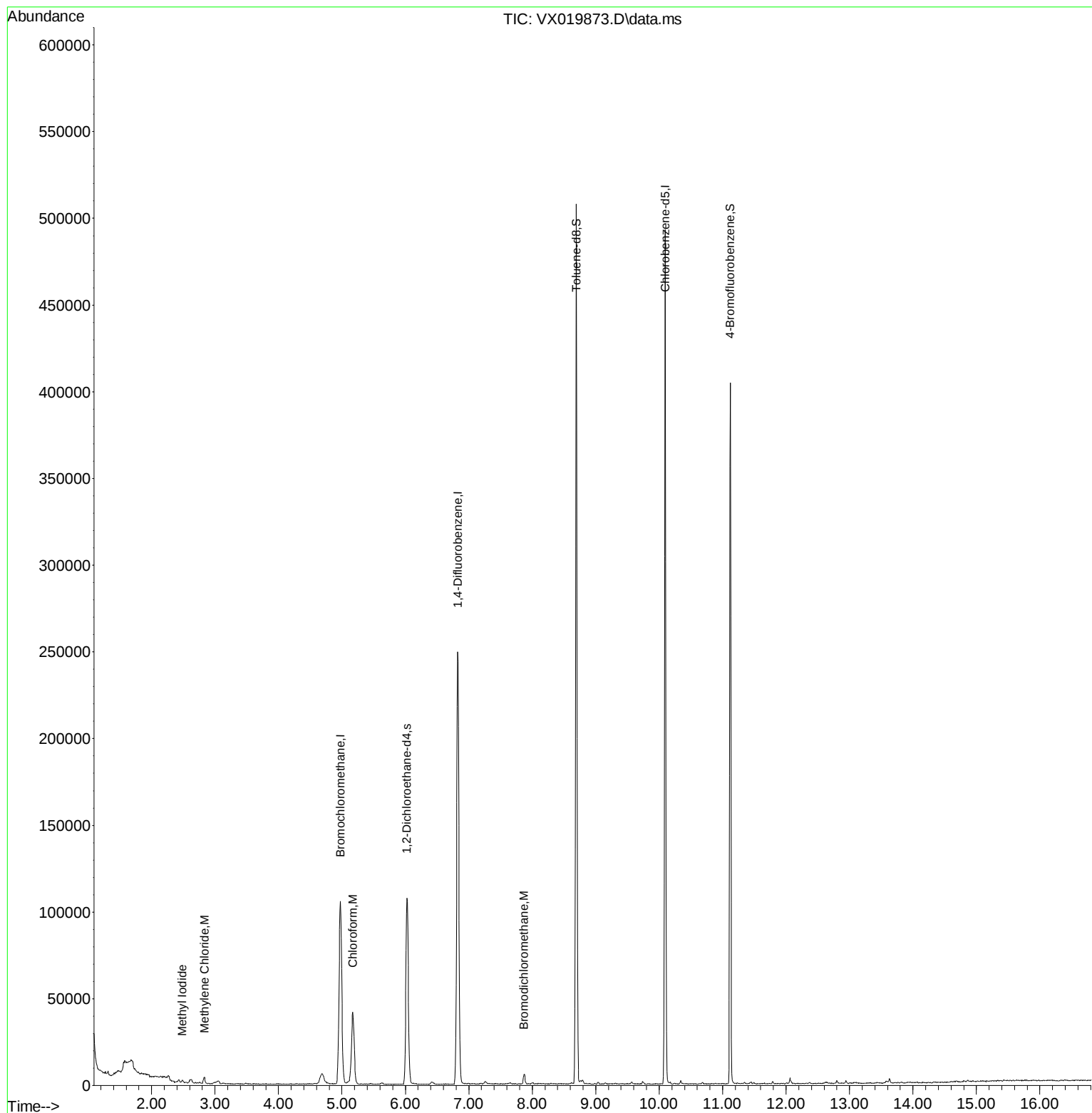
Internal Standards						
1) Bromochloromethane	4.977	128	47016	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.824	114	261780	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.098	117	235748	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.025	65	104054	31.93	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.43%			
60) 4-Bromofluorobenzene	11.122	95	111926	28.27	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.23%			
63) Toluene-d8	8.695	98	306563	29.69	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.97%			
Target Compounds						
						Qvalue
11) Methyl Iodide	2.483	142	1445	0.44	ug/l	95
18) Methylene Chloride	2.837	84	1799	0.57	ug/l #	84
25) Chloroform	5.172	83	49805	9.30	ug/l	94
41) Bromodichloromethane	7.872	83	3768	0.89	ug/l	88

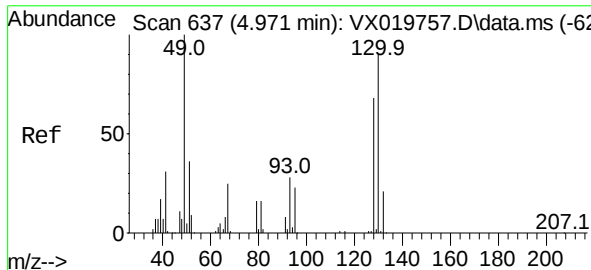
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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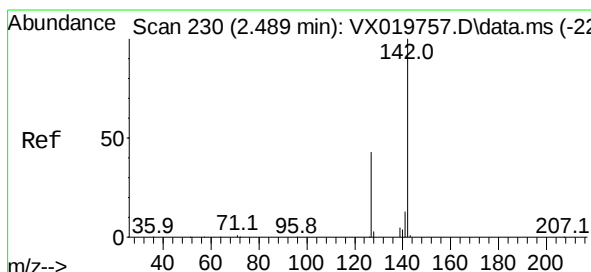
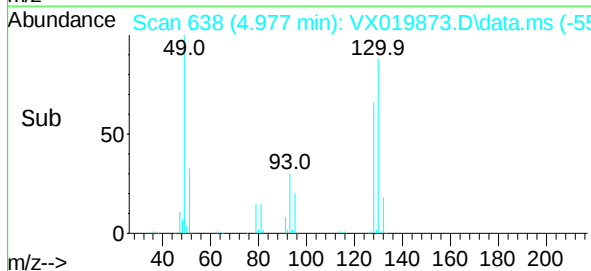
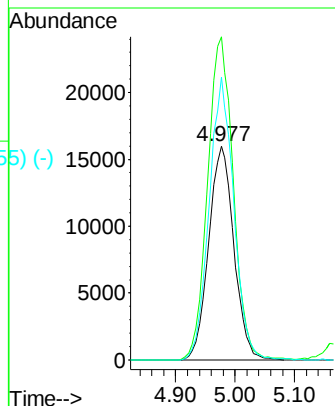
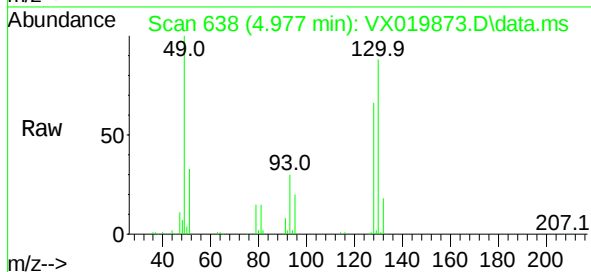




Bromochloromethane
 Concen: 30.00 ug/l
 RT: 4.977 min Scan# 638
 Delta R.T. 0.006 min
 Lab File: VX019873.D
 Acq: 11 Dec 2020 13:07

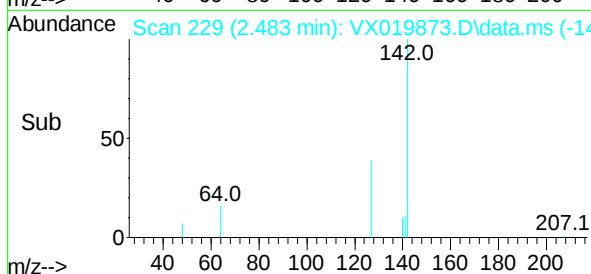
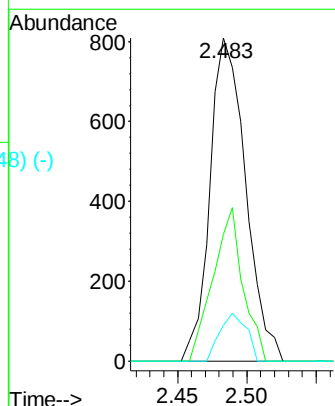
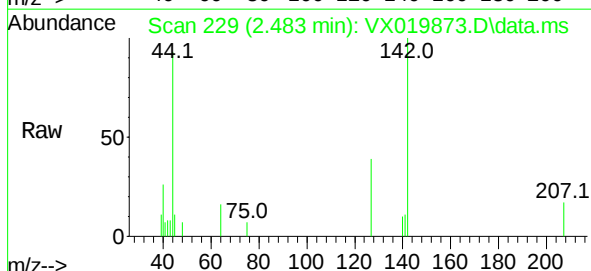
Instrument :
 MSVOA_X
 ClientSampleId :
 14B-1

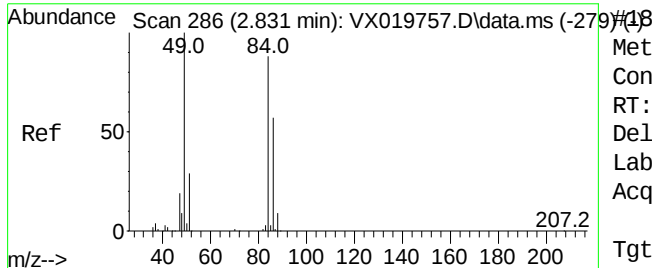
Tgt Ion:	128	Resp:	47016
Ion	Ratio	Lower	Upper
128	100		
49	153.1	0.0	367.5
130	129.1	0.0	318.8



Methyl Iodide
 Concen: 0.44 ug/l
 RT: 2.483 min Scan# 229
 Delta R.T. -0.006 min
 Lab File: VX019873.D
 Acq: 11 Dec 2020 13:07

Tgt Ion:	142	Resp:	1445
Ion	Ratio	Lower	Upper
142	100		
127	39.3	21.4	64.2
141	11.1	6.5	19.4

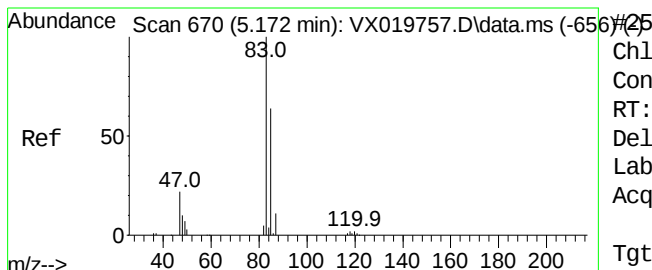
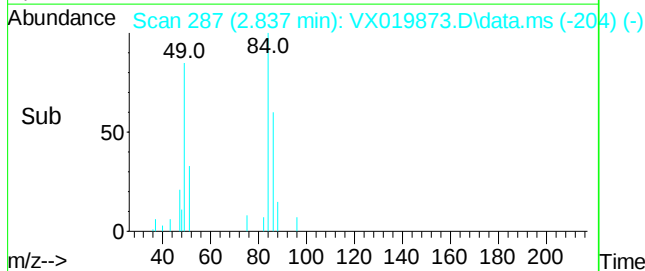
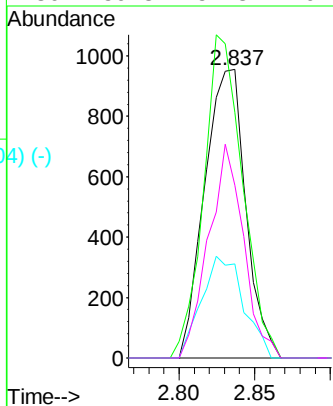
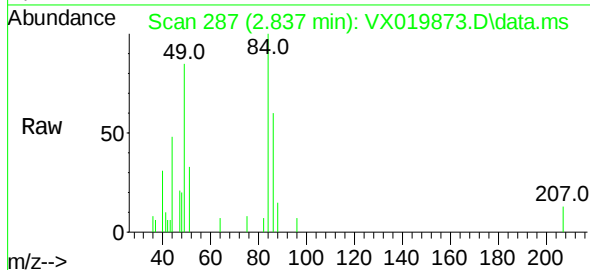




Methylene Chloride
 Concen: 0.57 ug/l
 RT: 2.837 min Scan# 287
 Delta R.T. 0.006 min
 Lab File: VX019873.D
 Acq: 11 Dec 2020 13:07

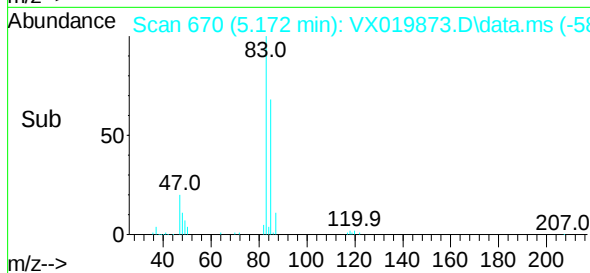
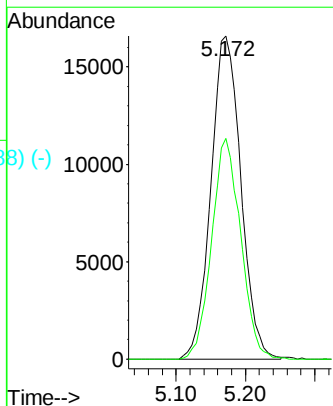
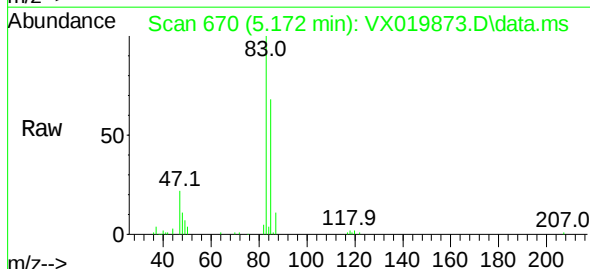
Instrument :
 MSVOA_X
 ClientSampled :
 14B-1

Tgt Ion:	84	Resp:	1799
Ion	Ratio	Lower	Upper
84	100		
49	85.2	90.6	136.0#
51	32.7	26.3	39.5
86	59.8	51.3	76.9



Chloroform
 Concen: 9.30 ug/l
 RT: 5.172 min Scan# 670
 Delta R.T. -0.000 min
 Lab File: VX019873.D
 Acq: 11 Dec 2020 13:07

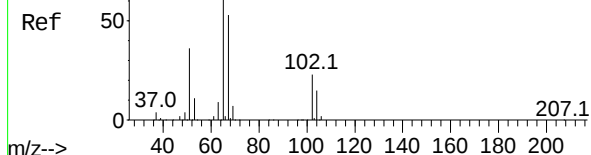
Tgt Ion:	83	Resp:	49805
Ion	Ratio	Lower	Upper
83	100		
85	68.4	51.2	76.8



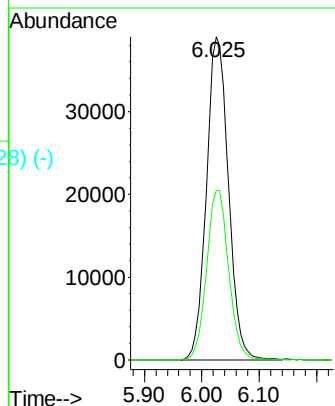
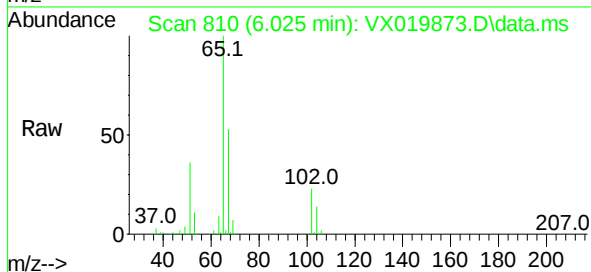
Abundance Scan 810 (6.025 min): VX019757.D\data.ms (-799) #27

1,2-Dichloroethane-d4
Concen: 31.93 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX019873.D
Acq: 11 Dec 2020 13:07

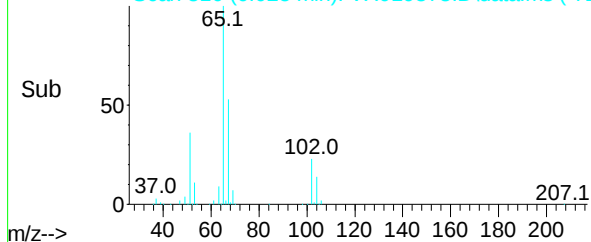
Instrument :
MSVOA_X
ClientSampled :
14B-1



Tgt Ion: 65 Resp: 104054
Ion Ratio Lower Upper
65 100
67 52.7 41.9 62.9



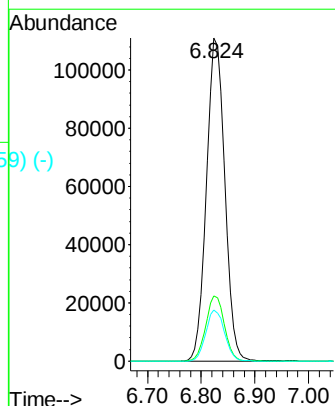
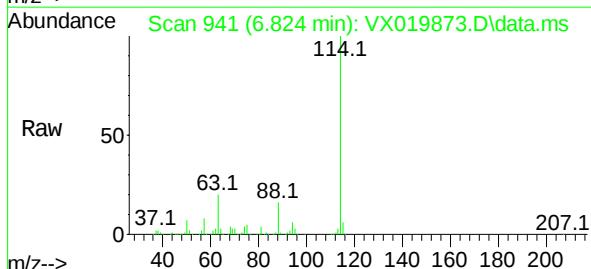
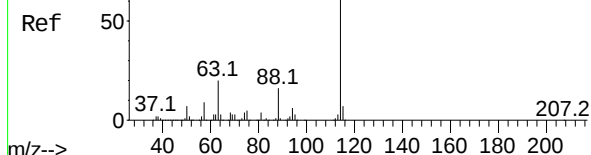
Abundance Scan 810 (6.025 min): VX019873.D\data.ms (-728) (-)



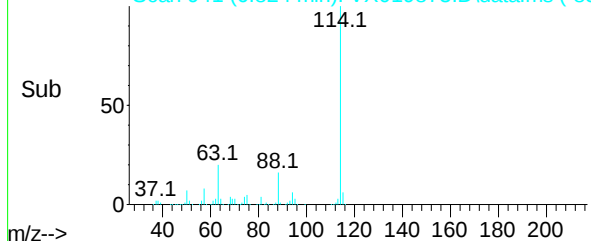
Abundance Scan 941 (6.824 min): VX019757.D\data.ms (-930) #28

1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.000 min
Lab File: VX019873.D
Acq: 11 Dec 2020 13:07

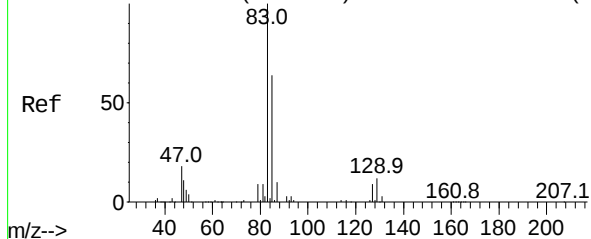
Tgt Ion: 114 Resp: 261780
Ion Ratio Lower Upper
114 100
63 20.5 16.2 24.2
88 16.2 13.0 19.6



Abundance Scan 941 (6.824 min): VX019873.D\data.ms (-859) (-)



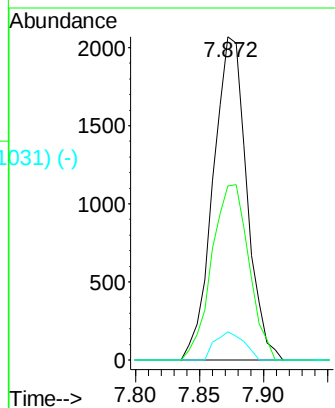
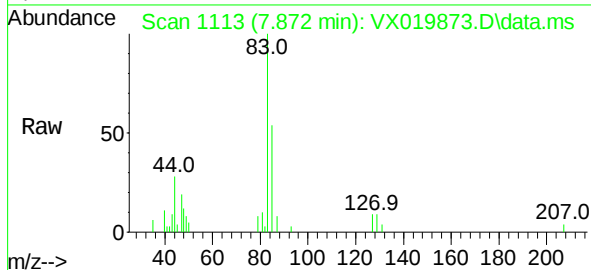
Abundance Scan 1113 (7.873 min): VX019757.D\data.ms (-11041)



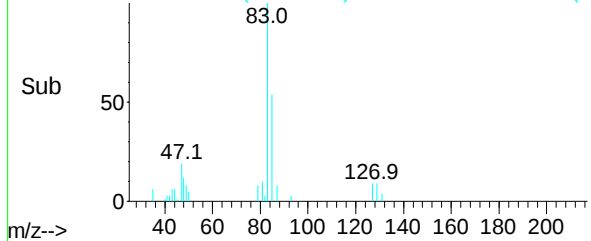
Bromodichloromethane
Concen: 0.89 ug/l
RT: 7.872 min Scan# 1113
Delta R.T. -0.000 min
Lab File: VX019873.D
Acq: 11 Dec 2020 13:07

Instrument :
MSVOA_X
ClientSampled :
14B-1

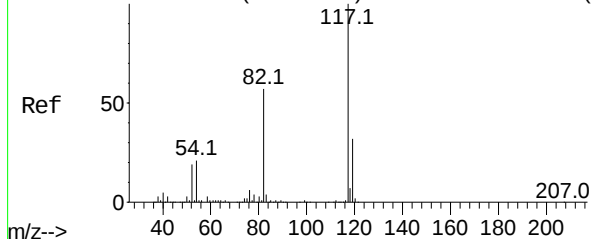
Tgt Ion:	83	Resp:	3768
Ion	Ratio	Lower	Upper
83	100		
85	53.9	51.4	77.0
127	8.8	7.1	10.7



Abundance Scan 1113 (7.872 min): VX019873.D\data.ms (-1031) (-)

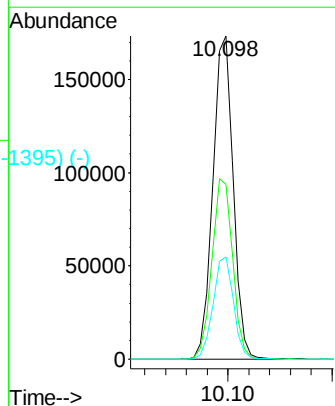
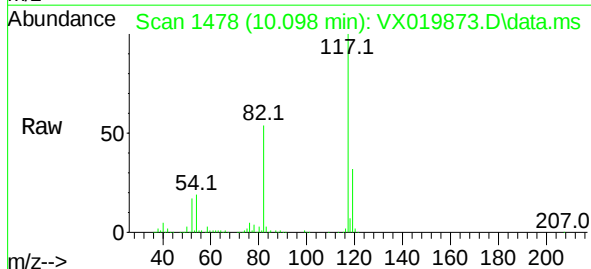


Abundance Scan 1477 (10.092 min): VX019757.D\data.ms (-1451) (-)

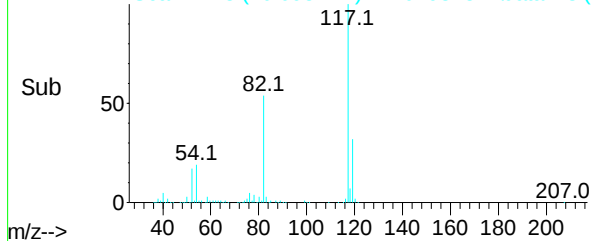


Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX019873.D
Acq: 11 Dec 2020 13:07

Tgt Ion:	117	Resp:	235748
Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.0	67.6
119	31.9	25.6	38.4



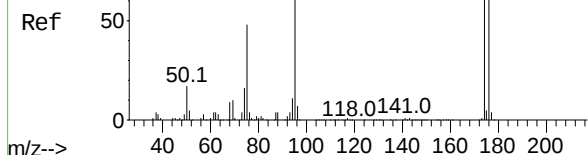
Abundance Scan 1478 (10.098 min): VX019873.D\data.ms (-1395) (-)



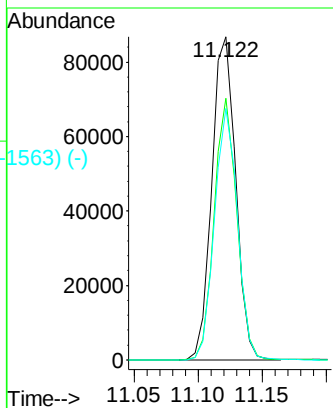
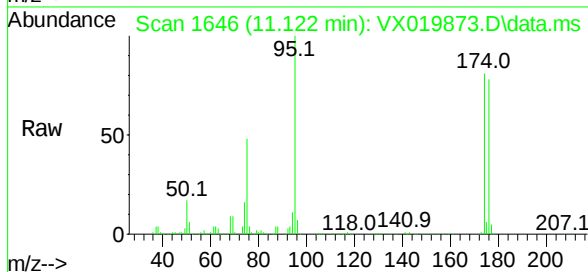
Abundance Scan 1645 (11.116 min): VX019757.D\data.ms (-1645) (-)

4-Bromofluorobenzene
Concen: 28.27 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX019873.D
Acq: 11 Dec 2020 13:07

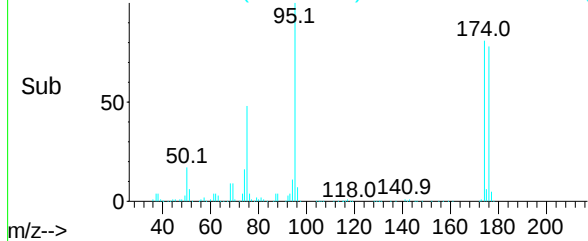
Instrument :
MSVOA_X
ClientSampleId :
14B-1



Tgt Ion:	95	Resp:	111926
Ion	Ratio	Lower	Upper
95	100		
174	76.7	63.0	94.4
176	75.0	59.9	89.9



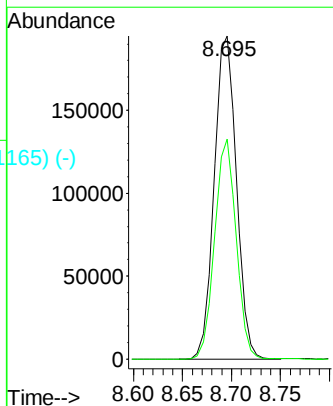
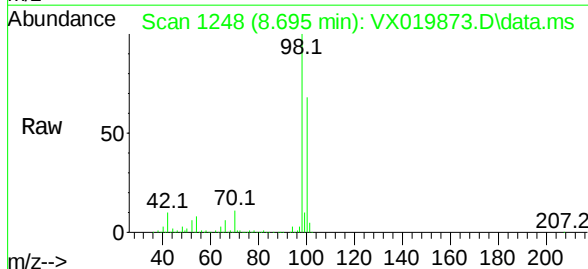
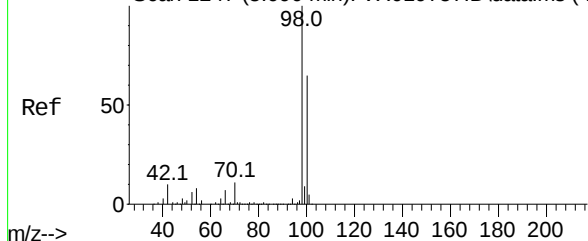
Abundance Scan 1646 (11.122 min): VX019873.D\data.ms (-1563) (-)



Abundance Scan 1247 (8.690 min): VX019757.D\data.ms (-1247) (-)

Toluene-d8
Concen: 29.69 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX019873.D
Acq: 11 Dec 2020 13:07

Tgt Ion:	98	Resp:	306563
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4



Abundance Scan 1248 (8.695 min): VX019873.D\data.ms (-1165) (-)

