Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121120\
Data File : VX019874.D
Acq On : 11 Dec 2020 13:30
Operator : JC/MD
Sample : L5028-02 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 12 00:22:55 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	47471	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.830	114	262782	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.098	117	237101	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.025	65	104767	31.84	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.13%				
60) 4-Bromofluorobenzene	11.122	95	110230	27.68	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.27%				
63) Toluene-d8	8.695	98	309549	29.80	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.33%				
Target Compounds							Qvalue
5) Bromomethane	1.623	94	418	0.35	ug/l		84
11) Methyl Iodide	2.483	142	959	0.29	ug/l		93
13) Acrolein	2.190	56	113	0.24	ug/l		93
15) Acetone	2.428	58	738	1.53	ug/l		83
18) Methylene Chloride	2.831	84	1900	0.60	ug/l		96
25) Chloroform	5.172	83	158153	29.25	ug/l		100
38) Methylcyclohexane	7.872	83	9762	2.01	ug/l	#	18
41) Bromodichloromethane	7.872	83	9763	2.29	ug/l		96
51) Ethyl methacrylate	8.701	69	1160	0.24	ug/l		85
56) Bromoform	11.122	173	678	0.27	ug/l	#	1
58) 4-Methyl-2-Pentanone	8.622	43	898	0.22	ug/l	#	48
77) t-1,4-Dichloro-2-butene	11.122	75	53710	32.07	ug/l	#	11

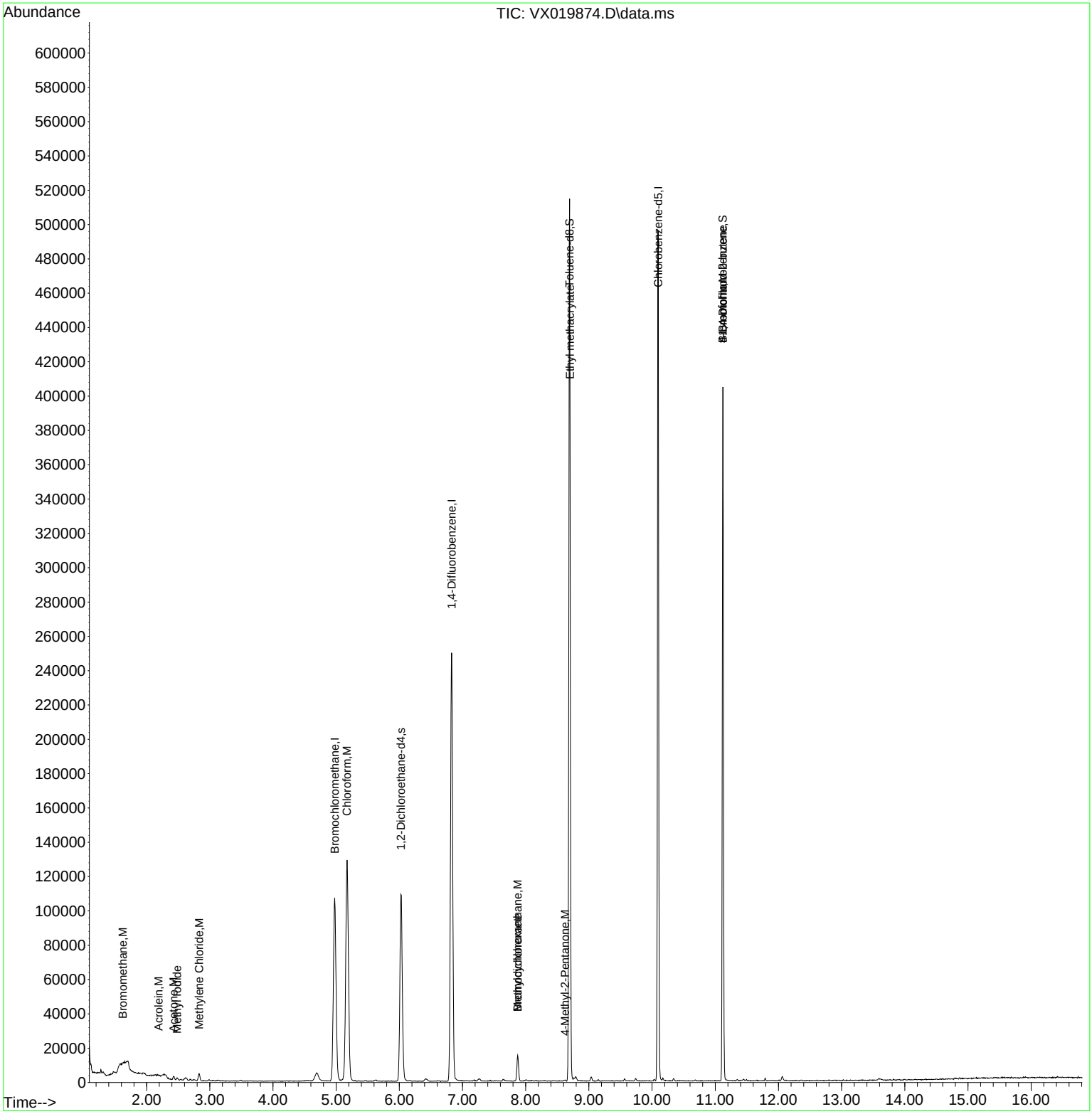
(#) = qualifier out of range (m) = manual integration (+) = signals summed

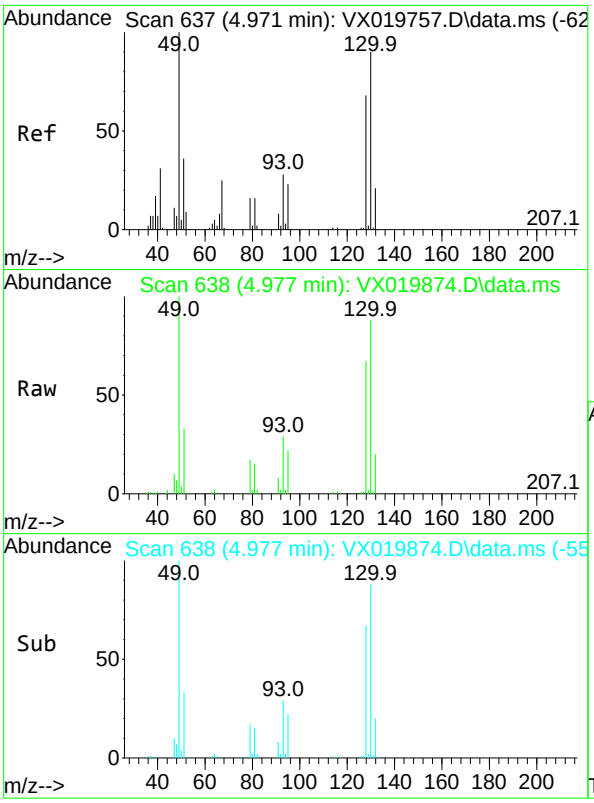
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121120\
Data File : VX019874.D
Acq On : 11 Dec 2020 13:30
Operator : JC/MD
Sample : L5028-02 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 12 00:22:55 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

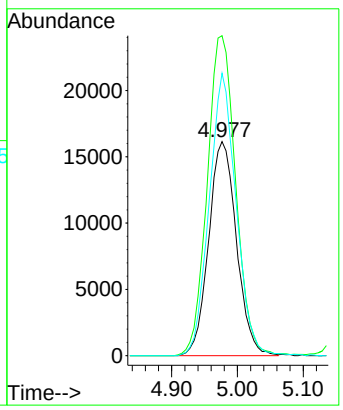




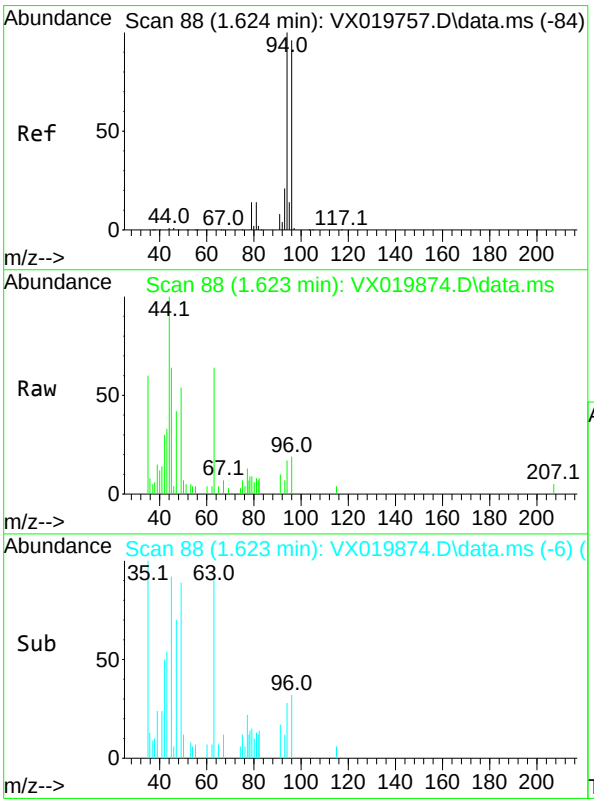
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.977 min Scan# 638
Delta R.T. 0.006 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

Tgt Ion:128 Resp: 47471

Ion	Ratio	Lower	Upper
128	100		
49	152.6	0.0	367.5
130	127.9	0.0	318.8



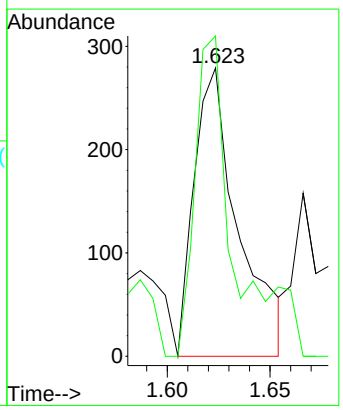
Instrument :
MSVOA_X
ClientSampleId :



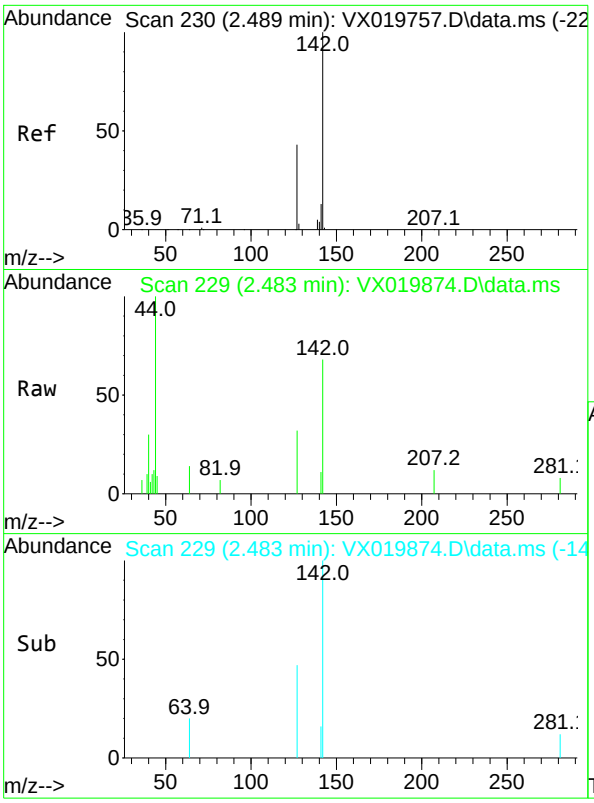
#5
Bromomethane
Concen: 0.35 ug/l
RT: 1.623 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

Tgt Ion: 94 Resp: 418

Ion	Ratio	Lower	Upper
94	100		
96	111.1	76.6	114.8



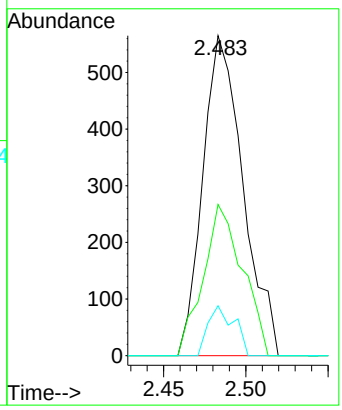
Instrument :
MSVOA_X
ClientSampleId :

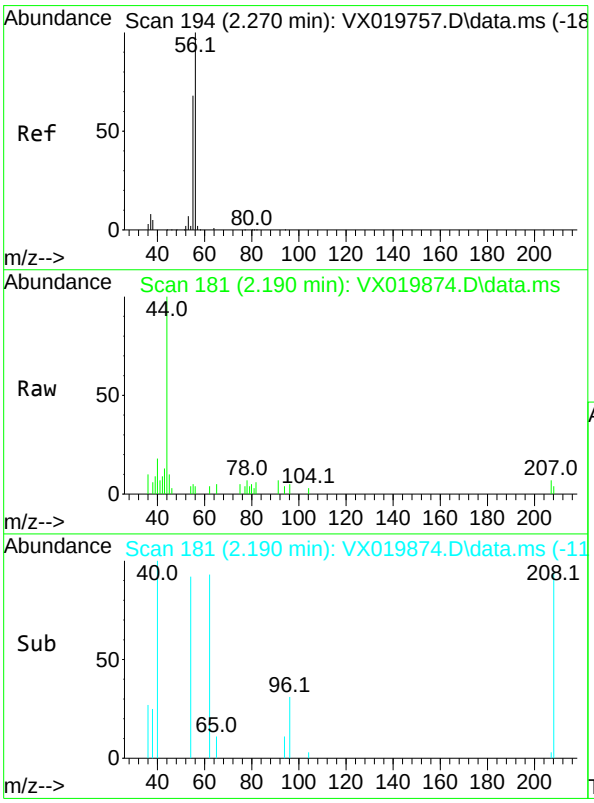


#11
Methyl Iodide
Concen: 0.29 ug/l
RT: 2.483 min Scan# 229
Delta R.T. -0.006 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

Tgt Ion:142 Resp: 959

Ion	Ratio	Lower	Upper
142	100		
127	47.3	21.4	64.2
141	15.6	6.5	19.4

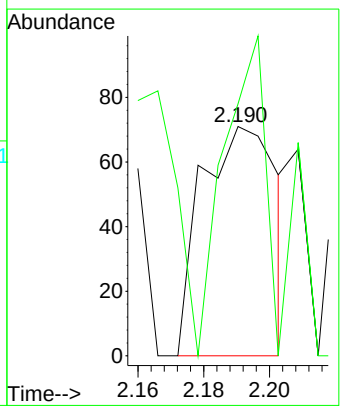


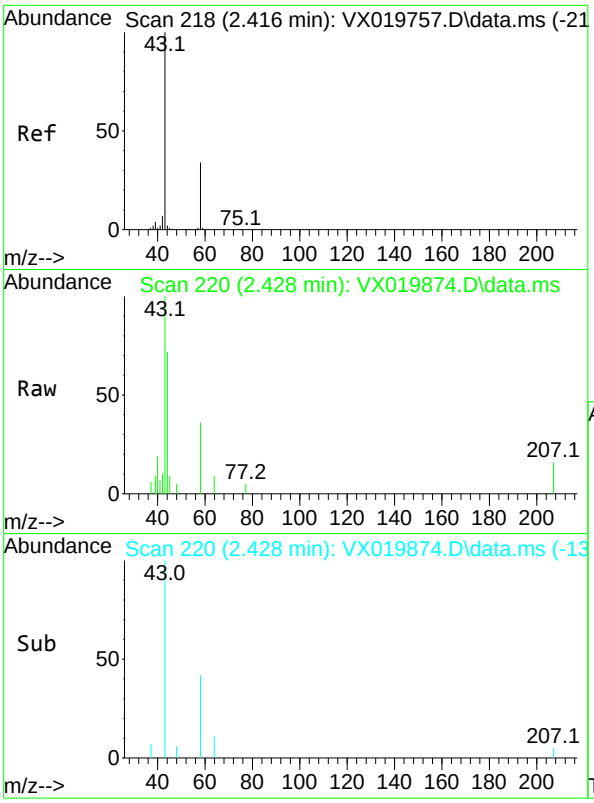


#13
Acrolein
Concen: 0.24 ug/l
RT: 2.190 min Scan# 181
Delta R.T. -0.080 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

Tgt Ion: 56 Resp: 113

Ion	Ratio	Lower	Upper
56	100		
55	76.1	56.3	84.5

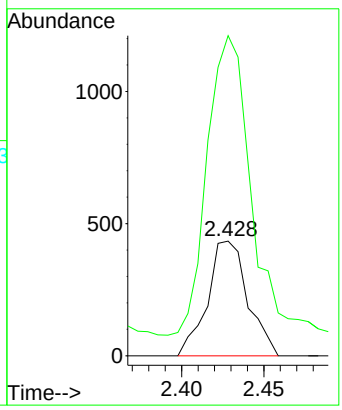




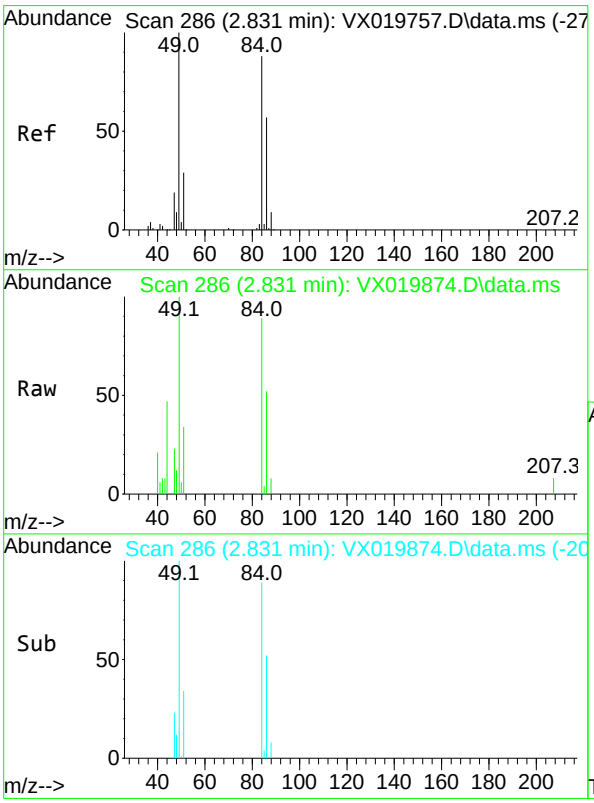
#15
Acetone
Concen: 1.53 ug/l
RT: 2.428 min Scan# 220
Delta R.T. 0.012 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

Tgt Ion: 58 Resp: 738

Ion	Ratio	Lower	Upper
58	100		
43	258.8	232.6	348.8



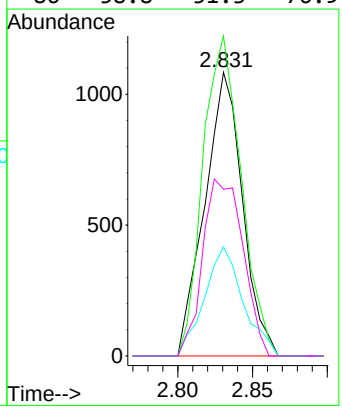
Instrument :
MSVOA_X
ClientSampleId :

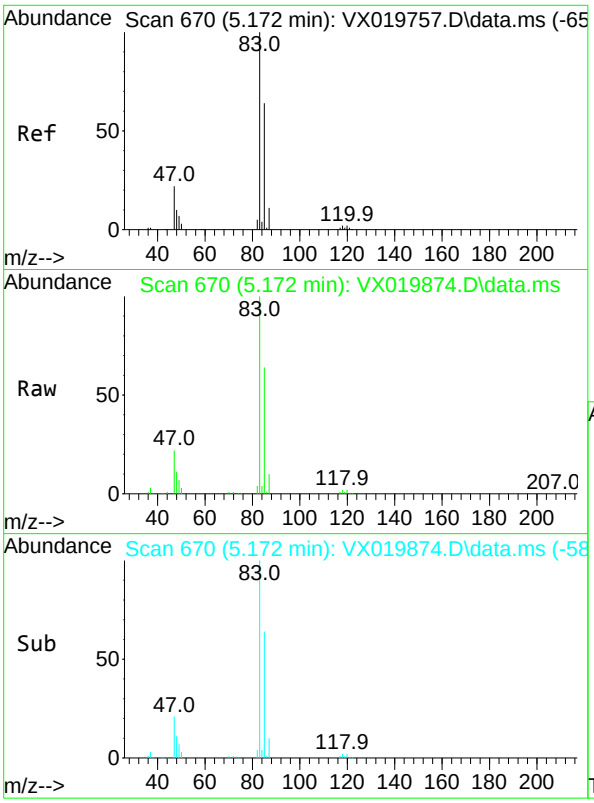


#18
Methylene Chloride
Concen: 0.60 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

Tgt Ion: 84 Resp: 1900

Ion	Ratio	Lower	Upper
84	100		
49	112.8	90.6	136.0
51	38.4	26.3	39.5
86	58.8	51.3	76.9

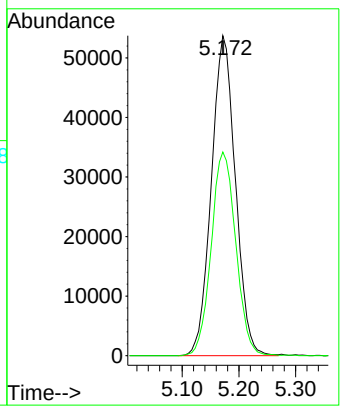




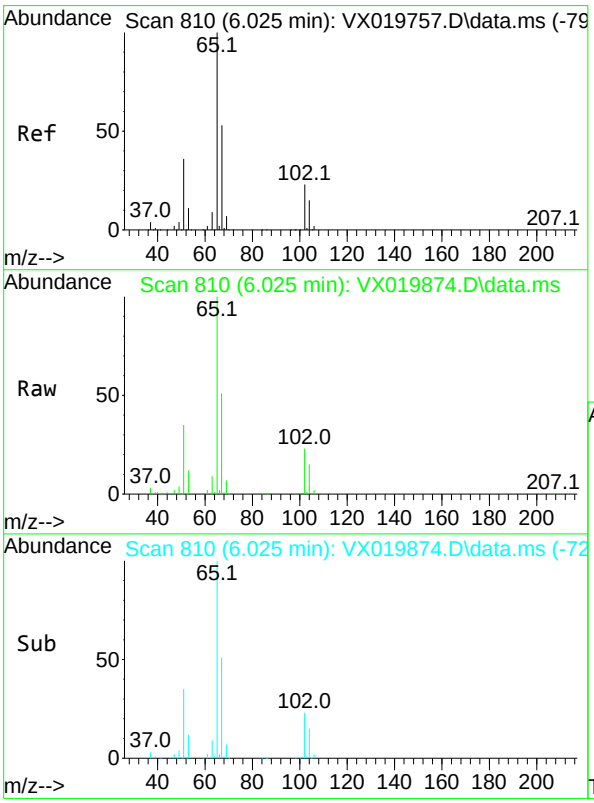
#25
Chloroform
Concen: 29.25 ug/l
RT: 5.172 min Scan# 670
Delta R.T. -0.000 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

Tgt Ion: 83 Resp: 158153

Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.2	76.8



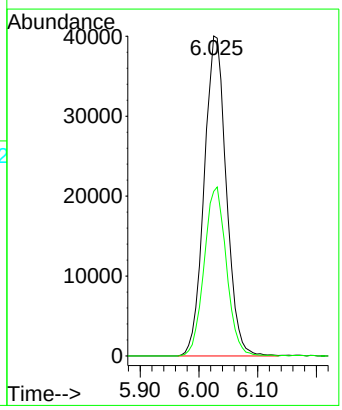
Instrument :
MSVOA_X
ClientSampleId :

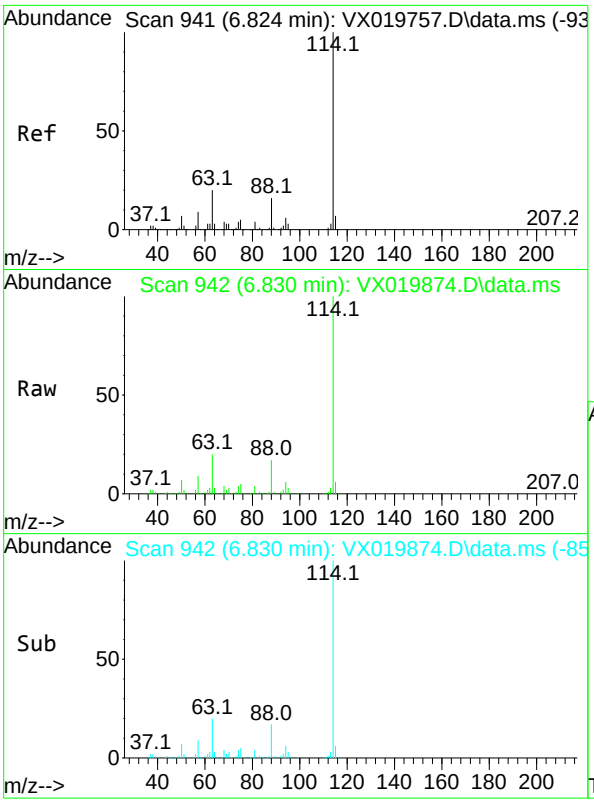


#27
1,2-Dichloroethane-d4
Concen: 31.84 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

Tgt Ion: 65 Resp: 104767

Ion	Ratio	Lower	Upper
65	100		
67	53.1	41.9	62.9

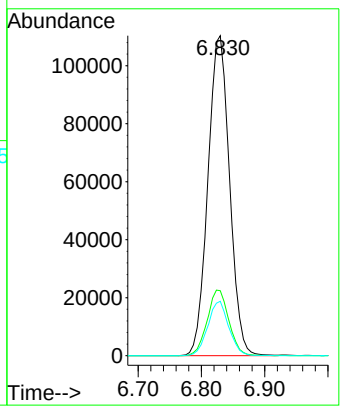




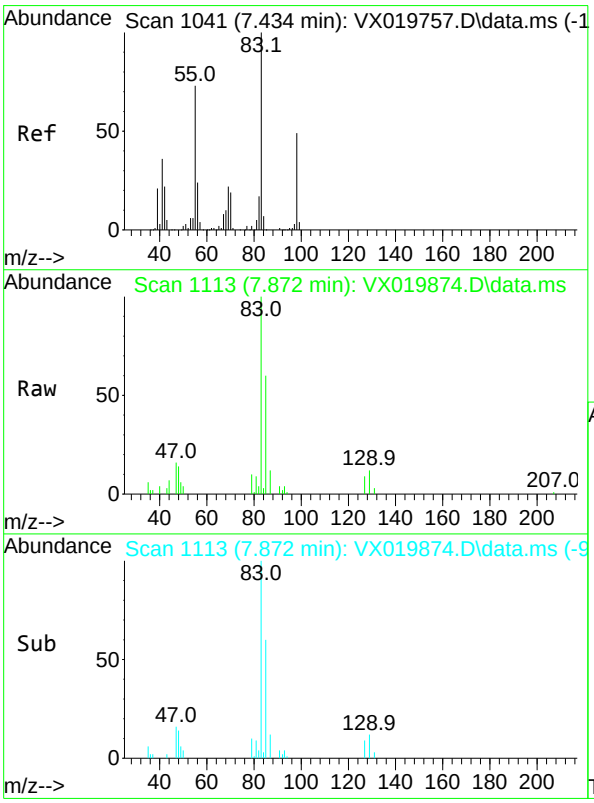
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

Tgt Ion:114 Resp: 262782

Ion	Ratio	Lower	Upper
114	100		
63	20.5	16.2	24.2
88	16.4	13.0	19.6



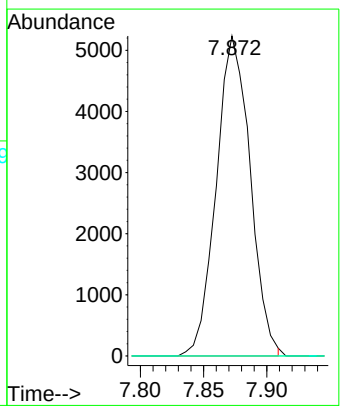
Instrument :
MSVOA_X
ClientSampleId :



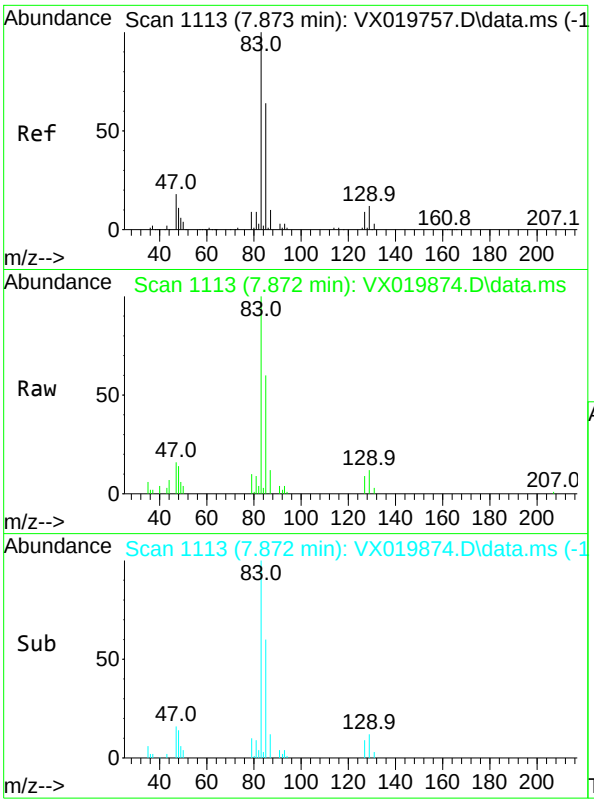
#38
Methylcyclohexane
Concen: 2.01 ug/l
RT: 7.872 min Scan# 1113
Delta R.T. 0.439 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

Tgt Ion: 83 Resp: 9762

Ion	Ratio	Lower	Upper
83	100		
55	0.0	37.4	112.1#
98	0.0	24.7	74.1#



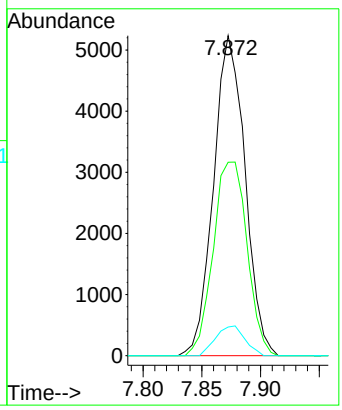
Instrument :
MSVOA_X
ClientSampleId :

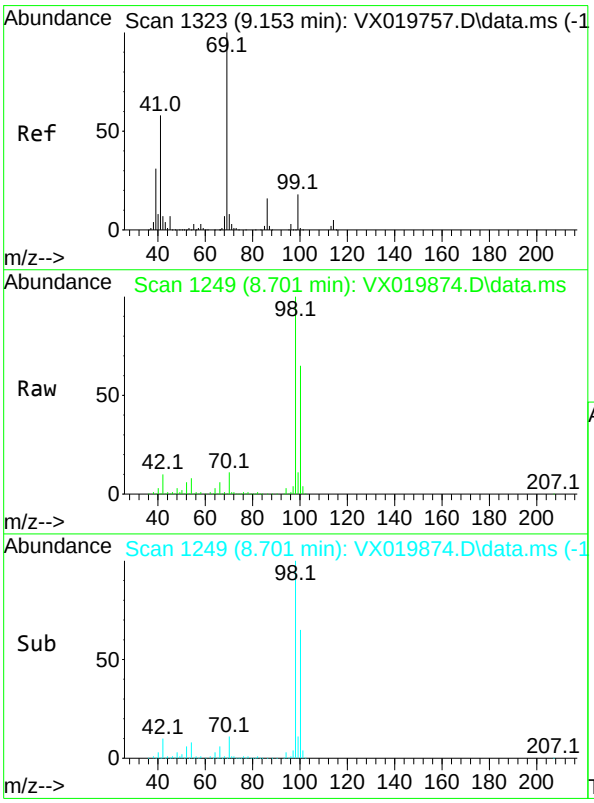


#41
Bromodichloromethane
Concen: 2.29 ug/l
RT: 7.872 min Scan# 1113
Delta R.T. -0.000 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

Tgt Ion: 83 Resp: 9763

Ion	Ratio	Lower	Upper
83	100		
85	60.4	51.4	77.0
127	9.0	7.1	10.7

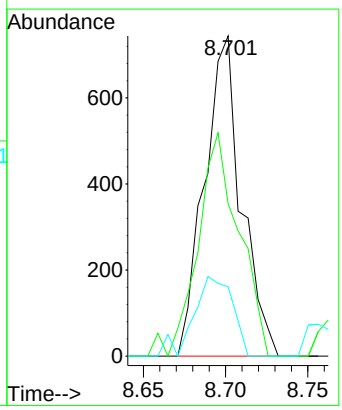


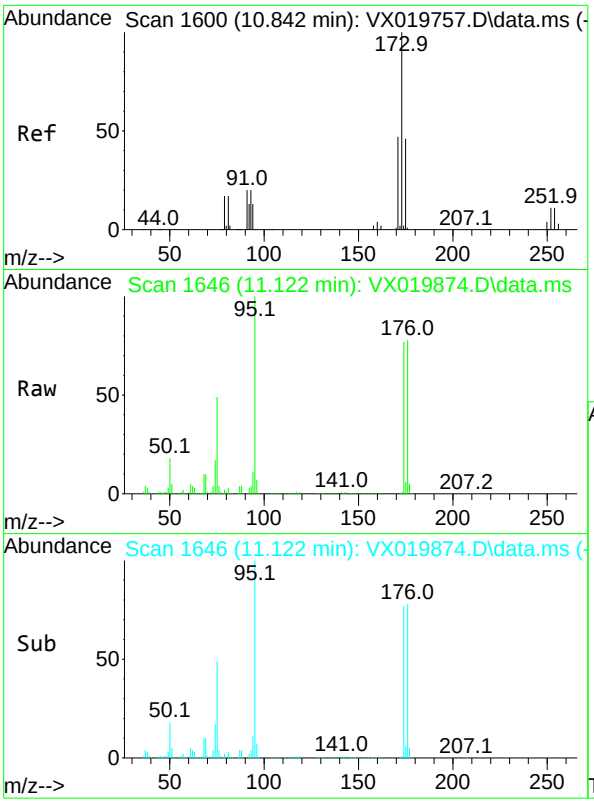


#51
Ethyl methacrylate
Concen: 0.24 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.451 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

Tgt Ion: 69 Resp: 1160

Ion	Ratio	Lower	Upper
69	100		
41	47.6	29.1	87.4
39	21.6	15.4	46.1

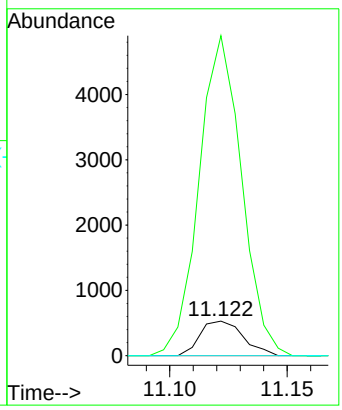




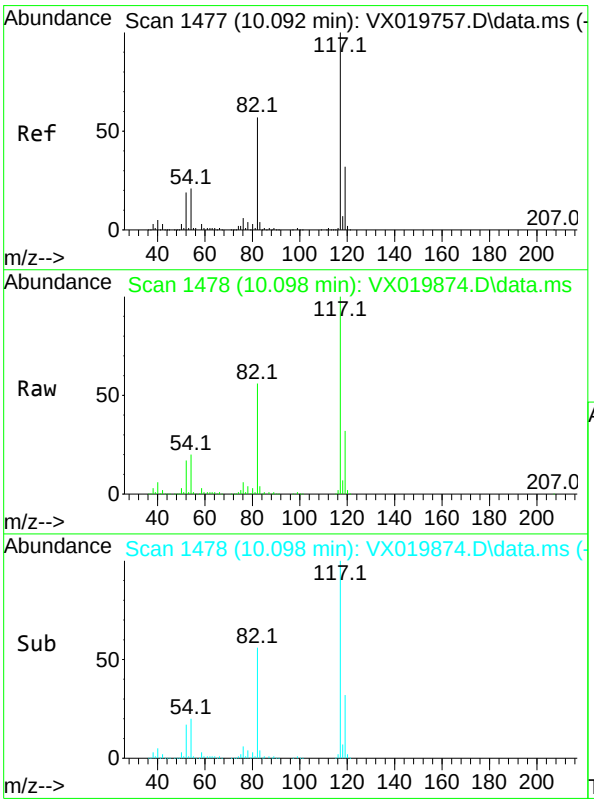
#56
Bromoform
Concen: 0.27 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.280 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

Tgt Ion:173 Resp: 678

Ion	Ratio	Lower	Upper
173	100		
175	910.9	38.1	57.1#
254	0.0	8.2	12.4#



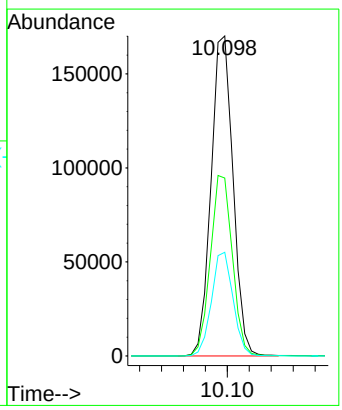
Instrument :
MSVOA_X
ClientSampleId :



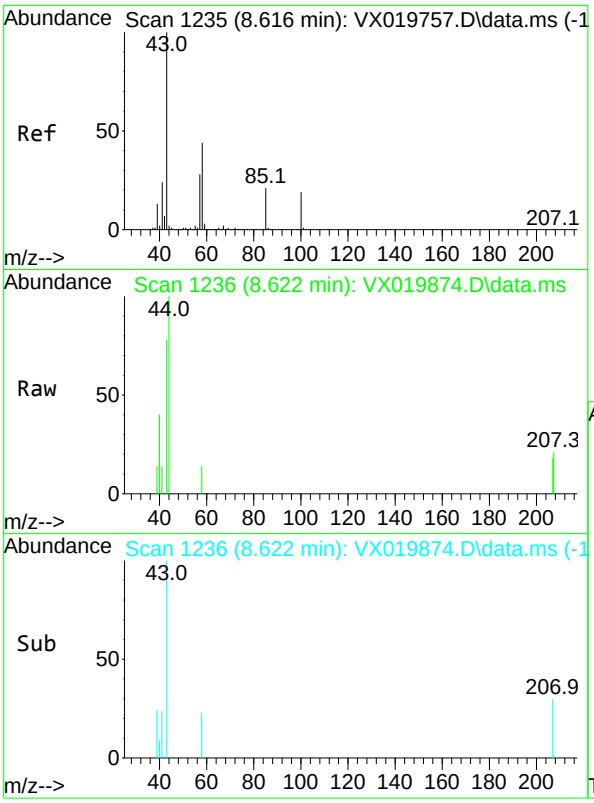
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

Tgt Ion:117 Resp: 237101

Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.0	67.6
119	31.8	25.6	38.4



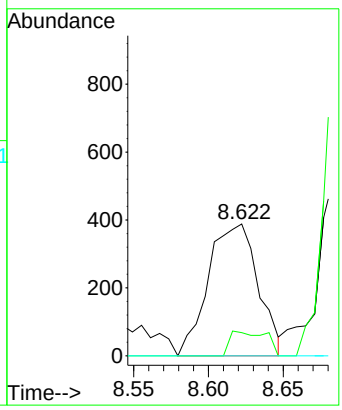
Instrument :
MSVOA_X
ClientSampleId :

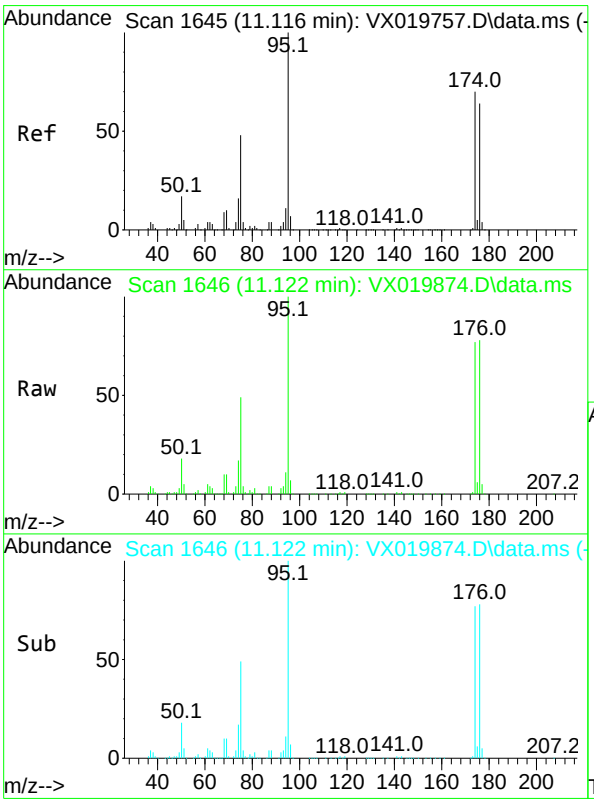


#58
4-Methyl-2-Pentanone
Concen: 0.22 ug/l
RT: 8.622 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

Tgt Ion: 43 Resp: 898

Ion	Ratio	Lower	Upper
43	100		
58	8.1	35.2	52.8#
85	0.0	16.8	25.2#

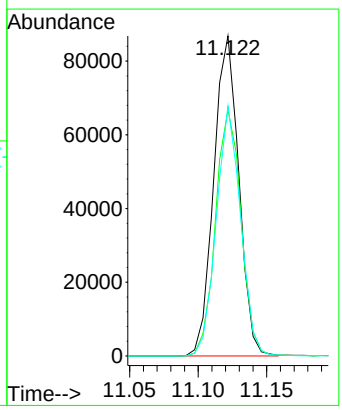


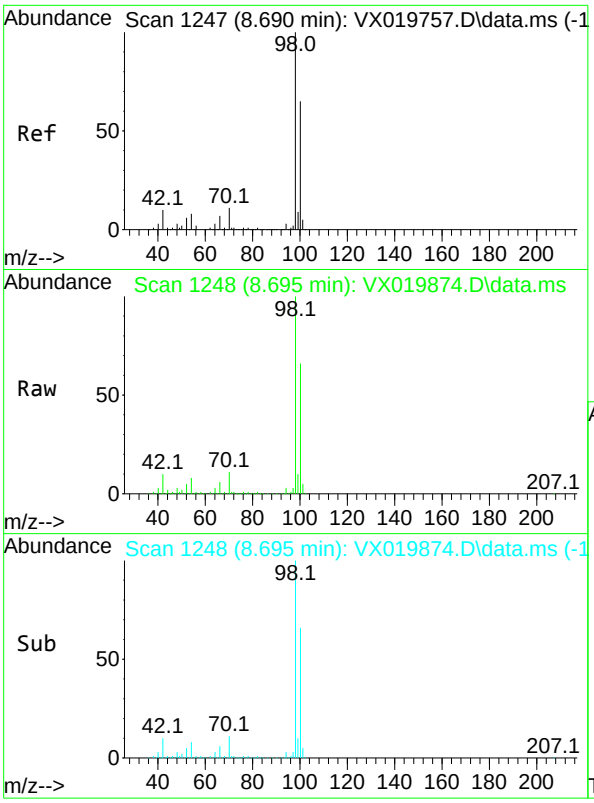


#60
4-Bromofluorobenzene
Concen: 27.68 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

Tgt Ion: 95 Resp: 110230

Ion	Ratio	Lower	Upper
95	100		
174	78.2	63.0	94.4
176	75.6	59.9	89.9

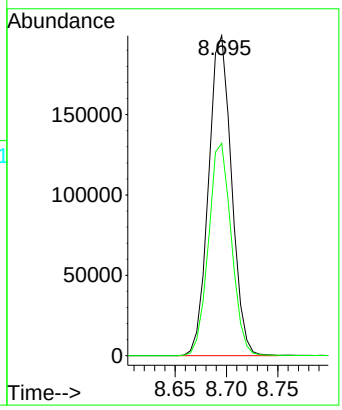




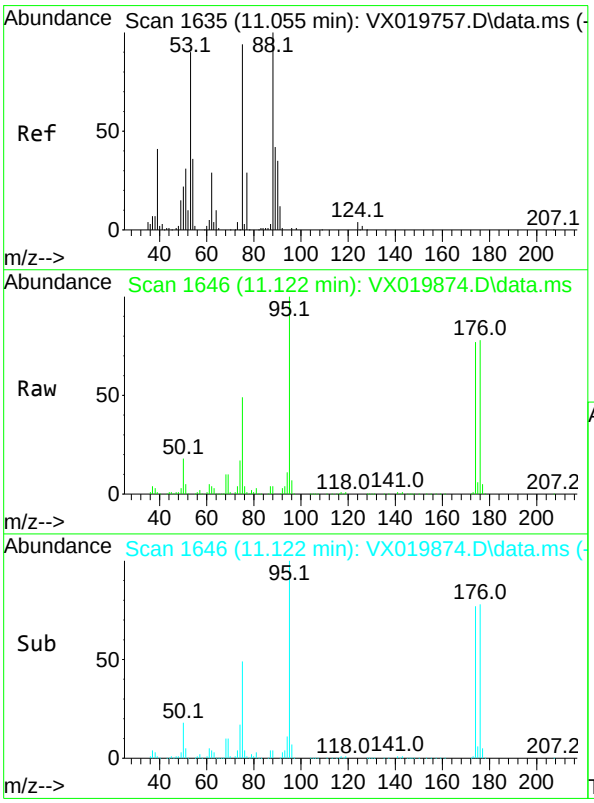
#63
Toluene-d8
Concen: 29.80 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

Tgt Ion: 98 Resp: 309549

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4



Instrument :
MSVOA_X
ClientSampleId :



#77
t-1,4-Dichloro-2-butene
Concen: 32.07 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX019874.D
Acq: 11 Dec 2020 13:30

Tgt Ion: 75 Resp: 53710

Ion	Ratio	Lower	Upper
75	100		
53	0.0	48.4	145.0#
89	0.0	22.7	68.0#