Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121120\
Data File : VX019867.D
Acq On : 11 Dec 2020 10:26
Operator : JC/MD
Sample : VX1211WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 12 00:20:39 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	4.970	128	52614	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.824	114	285338	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.091	117	253702	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.025	65	113013	30.99	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.30%				
60) 4-Bromofluorobenzene	11.122	95	115249	27.05	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 90.17%				
63) Toluene-d8	8.689	98	334776	30.12	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.40%				
Target Compounds							Qvalue
5) Bromomethane	1.635	94	929	0.70	ug/l		98
11) Methyl Iodide	2.495	142	1393	0.38	ug/l		93
13) Acrolein	2.276	56	349	0.67	ug/l		96
14) Acrylonitrile	3.117	53	502	0.28	ug/l		70
15) Acetone	2.410	58	122	0.23	ug/l	#	1
16) Carbon Disulfide	2.544	76	1656	0.21	ug/l	#	84
18) Methylene Chloride	2.830	84	1029	0.29	ug/l		91
23) tert-Butyl Alcohol	2.989	59	4231	5.00	ug/l	#	98
30) 2-Butanone	4.635	43	669	0.29	ug/l	#	62
51) Ethyl methacrylate	8.701	69	1158	0.22	ug/l		95
55) 2-Chloroethyl vinyl ether	8.287	63	681	0.25	ug/l		94
56) Bromoform	11.122	173	727	0.27	ug/l	#	1
77) t-1,4-Dichloro-2-butene	11.122	75	54464	30.39	ug/l	#	11

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

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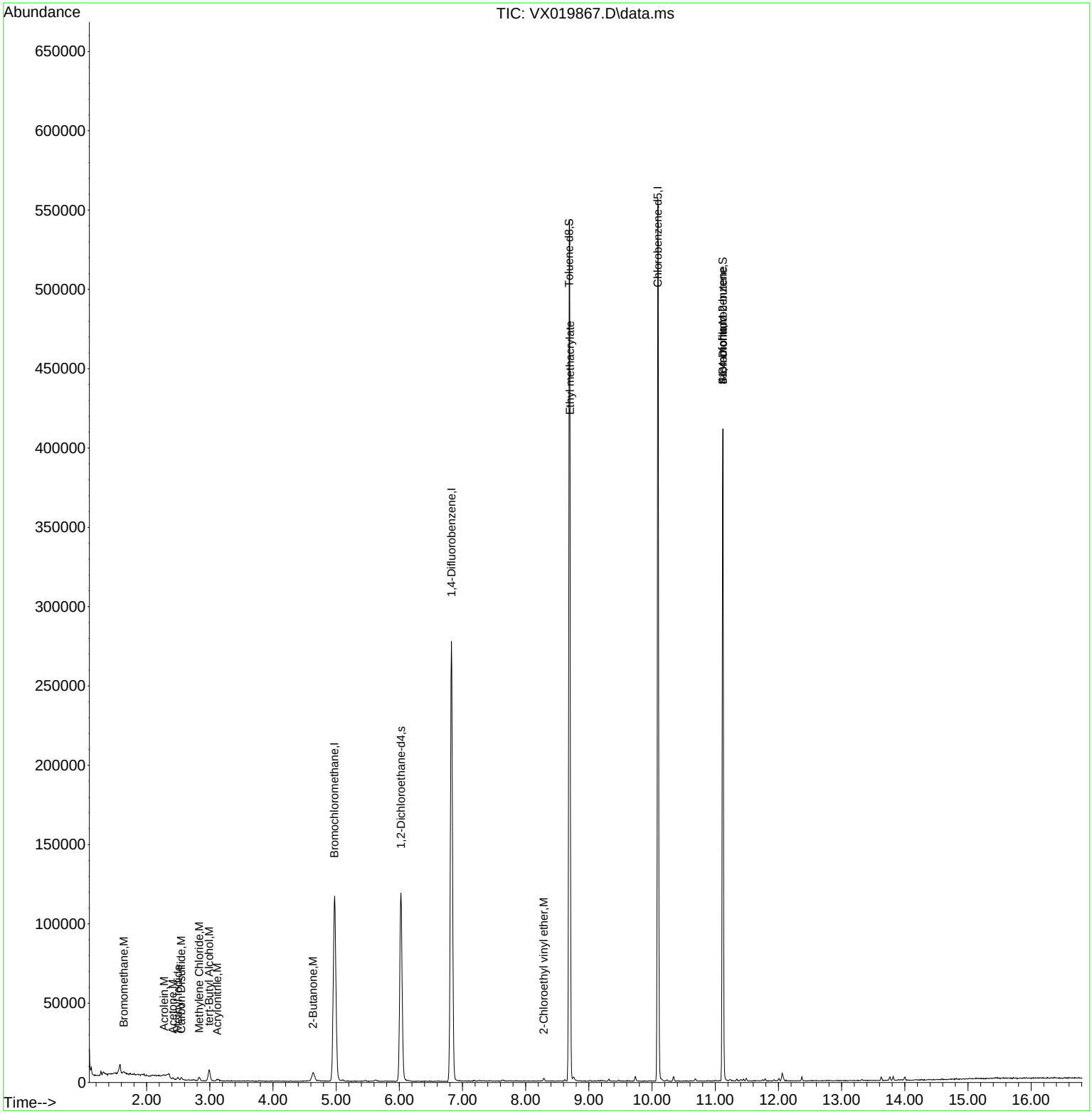
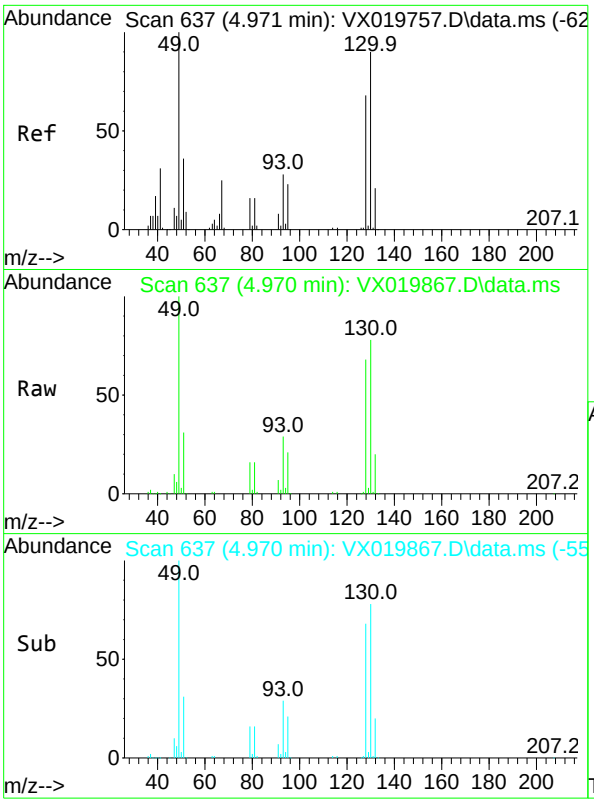
Sample : VX1211WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 12 00:20:39 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



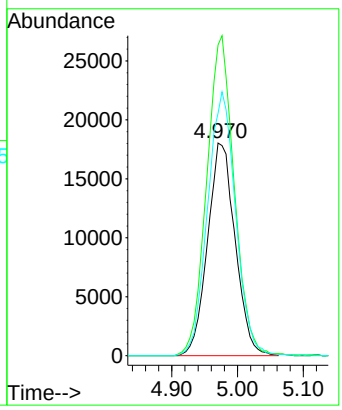
Instrument :
MSVOA_X
ClientSampleId :

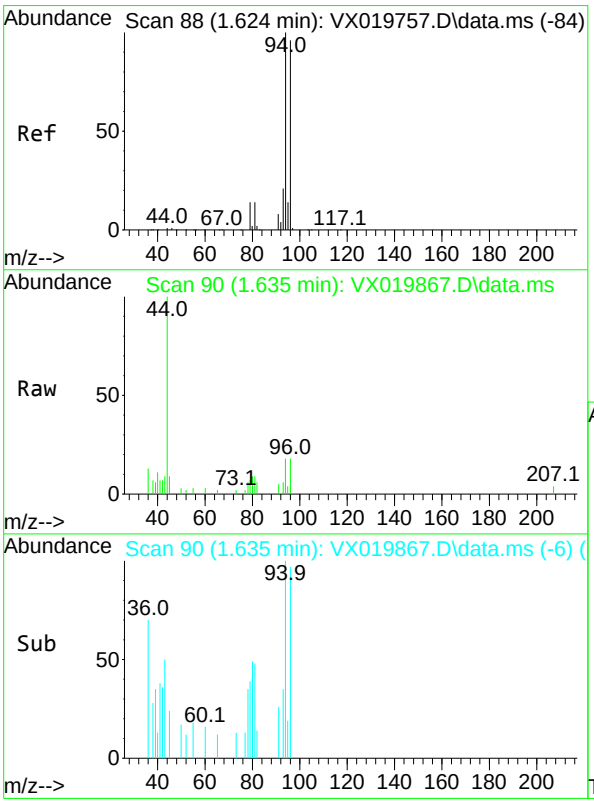


#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.970 min Scan# 637
Delta R.T. -0.001 min
Lab File: VX019867.D
Acq: 11 Dec 2020 10:26

Tgt Ion:128 Resp: 52614

Ion	Ratio	Lower	Upper
128	100		
49	149.6	0.0	367.5
130	126.3	0.0	318.8

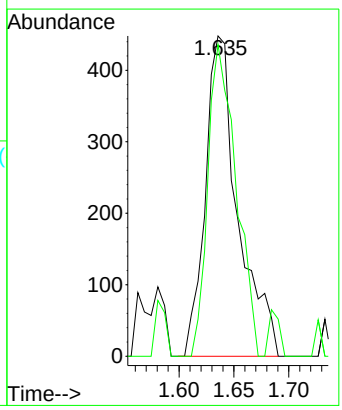




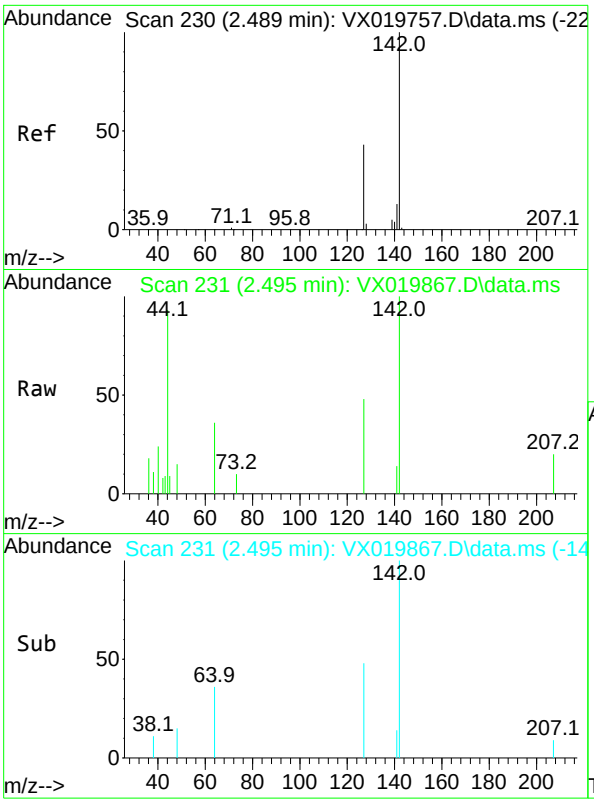
#5
Bromomethane
Concen: 0.70 ug/l
RT: 1.635 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX019867.D
Acq: 11 Dec 2020 10:26

Tgt Ion: 94 Resp: 929

Ion	Ratio	Lower	Upper
94	100		
96	97.3	76.6	114.8



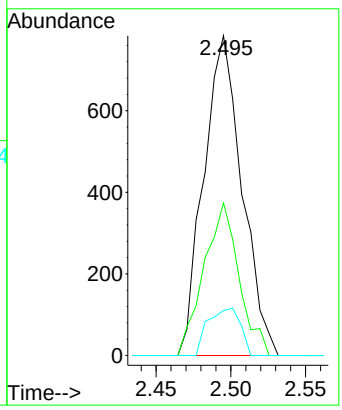
Instrument :
MSVOA_X
ClientSampleId :

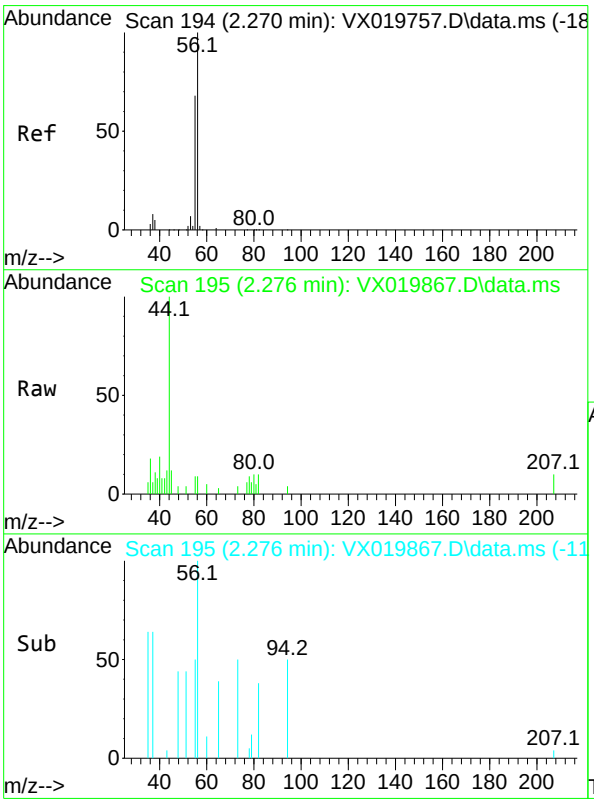


#11
Methyl Iodide
Concen: 0.38 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX019867.D
Acq: 11 Dec 2020 10:26

Tgt Ion:142 Resp: 1393

Ion	Ratio	Lower	Upper
142	100		
127	47.7	21.4	64.2
141	14.0	6.5	19.4

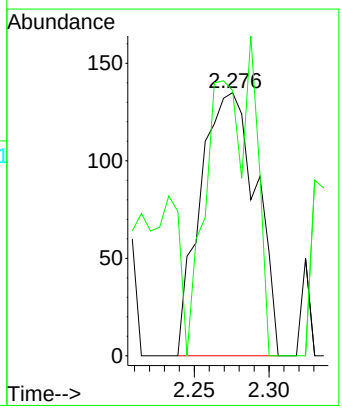




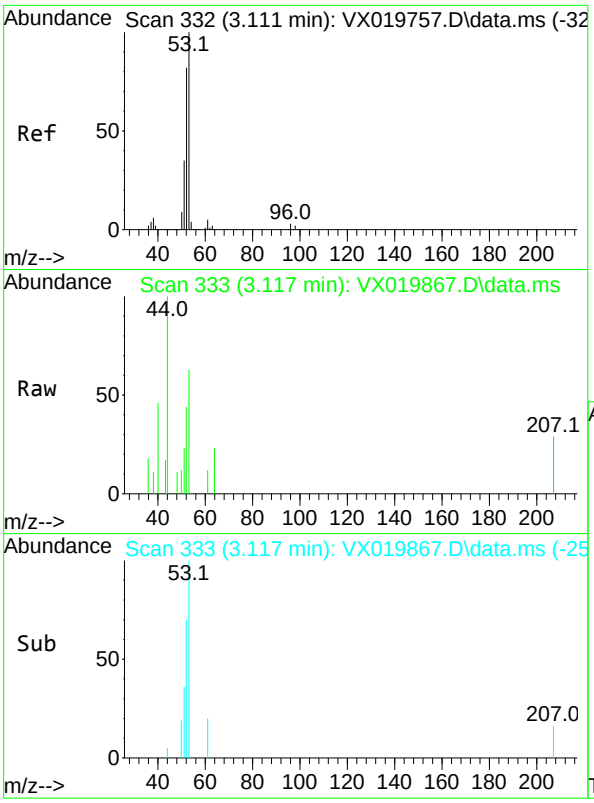
#13
Acrolein
Concen: 0.67 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX019867.D
Acq: 11 Dec 2020 10:26

Tgt Ion: 56 Resp: 349

Ion	Ratio	Lower	Upper
56	100		
55	67.0	56.3	84.5



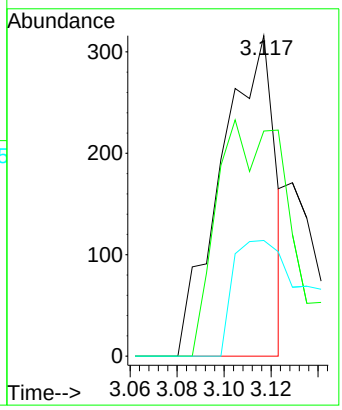
Instrument :
MSVOA_X
ClientSampleId :

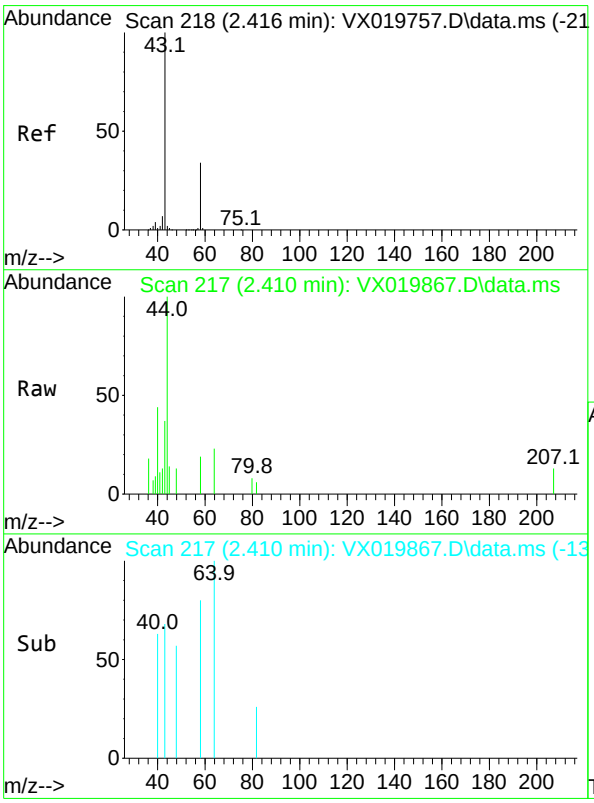


#14
Acrylonitrile
Concen: 0.28 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX019867.D
Acq: 11 Dec 2020 10:26

Tgt Ion: 53 Resp: 502

Ion	Ratio	Lower	Upper
53	100		
52	45.0	41.1	123.3
51	36.5	17.6	52.9

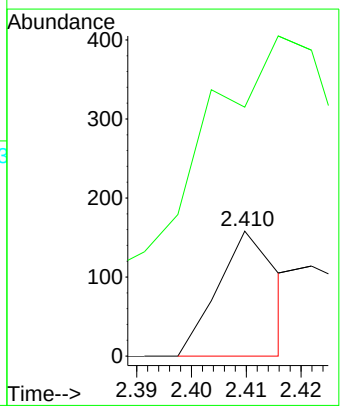


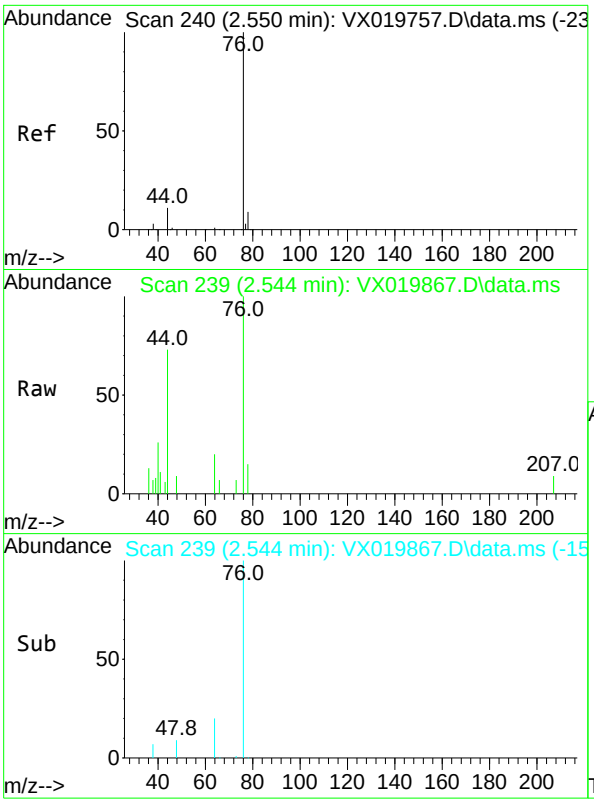


#15
Acetone
Concen: 0.23 ug/l
RT: 2.410 min Scan# 217
Delta R.T. -0.007 min
Lab File: VX019867.D
Acq: 11 Dec 2020 10:26

Tgt Ion: 58 Resp: 122

Ion	Ratio	Lower	Upper
58	100		
43	86.1	232.6	348.8#

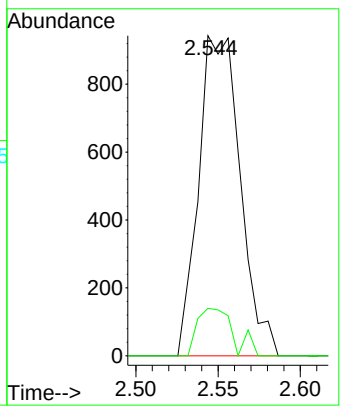




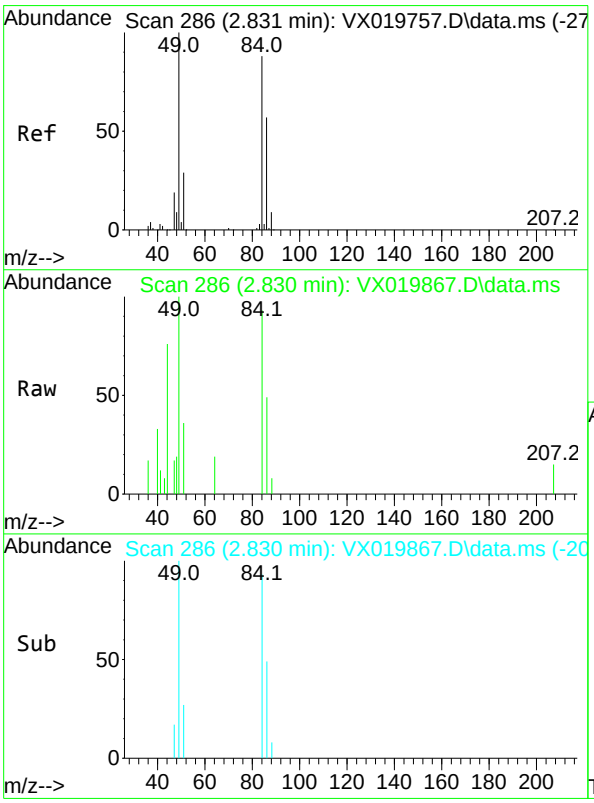
#16
Carbon Disulfide
Concen: 0.21 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.007 min
Lab File: VX019867.D
Acq: 11 Dec 2020 10:26

Tgt Ion: 76 Resp: 1656

Ion	Ratio	Lower	Upper
76	100		
78	14.8	7.4	11.0#



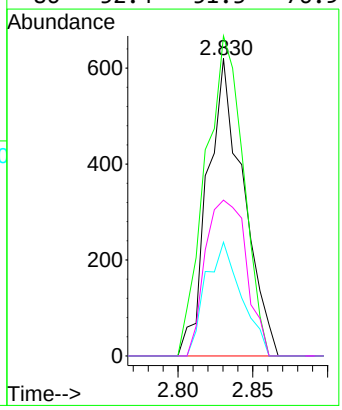
Instrument :
MSVOA_X
ClientSampleId :



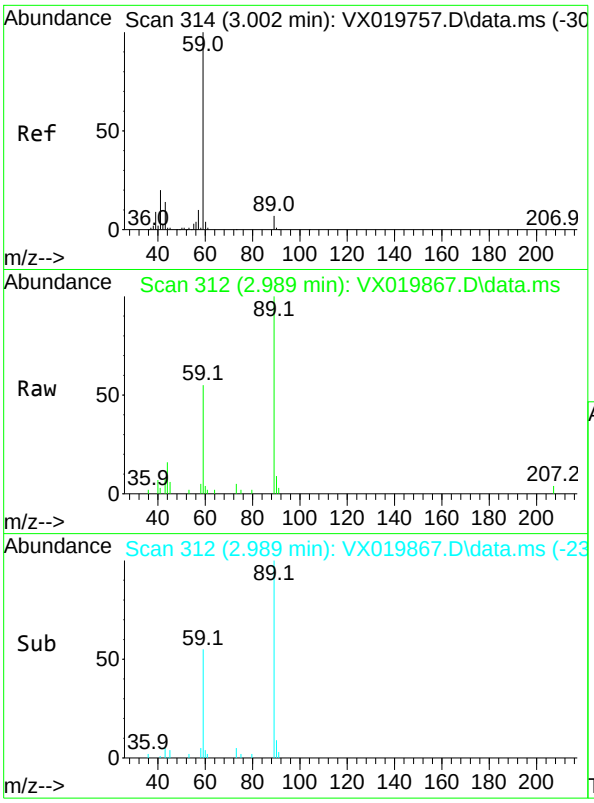
#18
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.830 min Scan# 286
Delta R.T. -0.001 min
Lab File: VX019867.D
Acq: 11 Dec 2020 10:26

Tgt Ion: 84 Resp: 1029

Ion	Ratio	Lower	Upper
84	100		
49	107.6	90.6	136.0
51	38.2	26.3	39.5
86	52.4	51.3	76.9



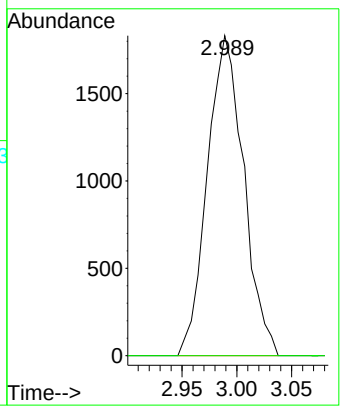
Instrument :
MSVOA_X
ClientSampleId :

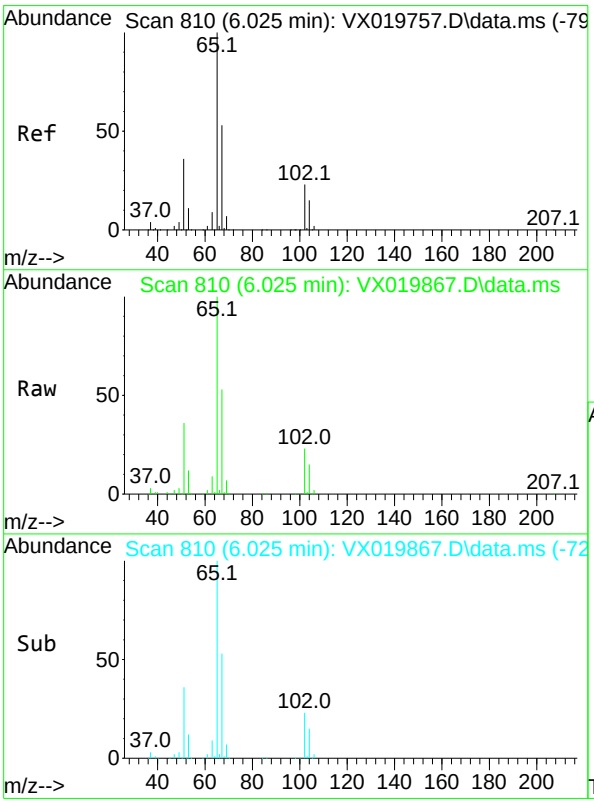


#23
tert-Butyl Alcohol
Concen: 5.00 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.013 min
Lab File: VX019867.D
Acq: 11 Dec 2020 10:26

Tgt Ion: 59 Resp: 4231

Ion	Ratio	Lower	Upper
59	100		
52	5.9	0.1	0.1#

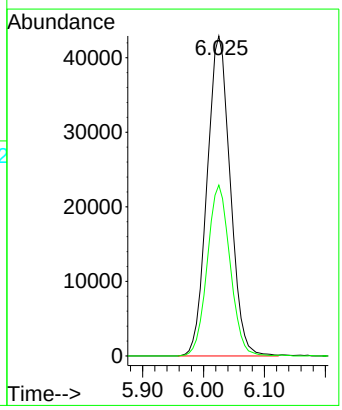




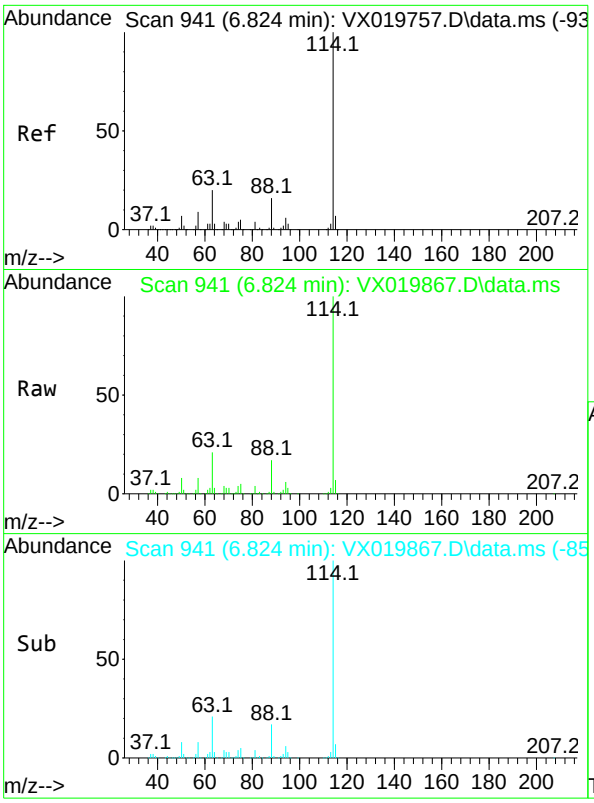
#27
1,2-Dichloroethane-d4
Concen: 30.99 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX019867.D
Acq: 11 Dec 2020 10:26

Tgt Ion: 65 Resp: 113013

Ion	Ratio	Lower	Upper
65	100		
67	52.7	41.9	62.9



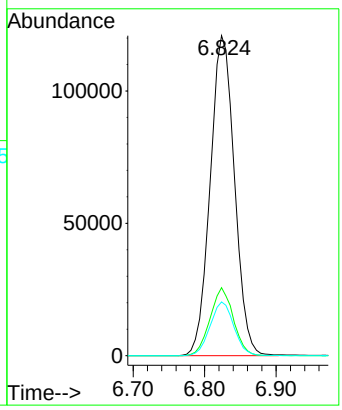
Instrument :
MSVOA_X
ClientSampleId :

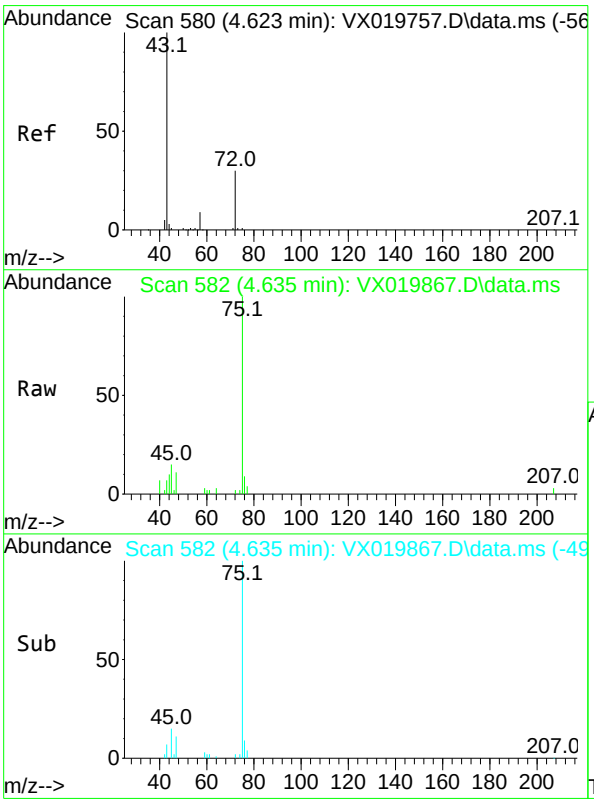


#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.000 min
Lab File: VX019867.D
Acq: 11 Dec 2020 10:26

Tgt Ion:114 Resp: 285338

Ion	Ratio	Lower	Upper
114	100		
63	20.4	16.2	24.2
88	16.4	13.0	19.6

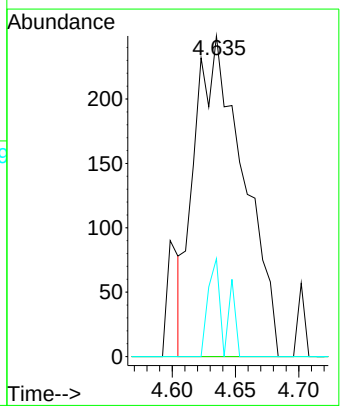




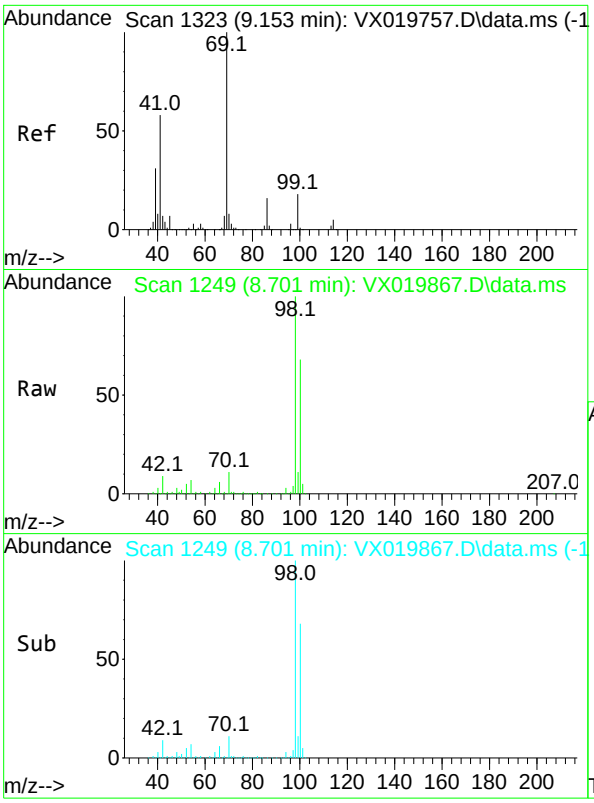
#30
2-Butanone
Concen: 0.29 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.012 min
Lab File: VX019867.D
Acq: 11 Dec 2020 10:26

Tgt Ion: 43 Resp: 669

Ion	Ratio	Lower	Upper
43	100		
57	0.0	7.2	10.8#
72	7.2	23.7	35.5#



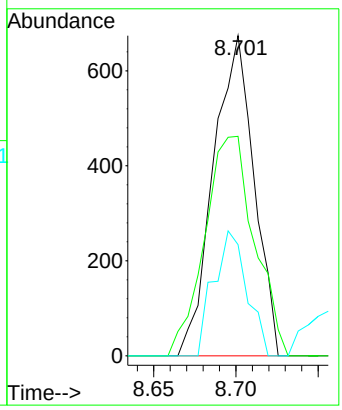
Instrument :
MSVOA_X
ClientSampleId :

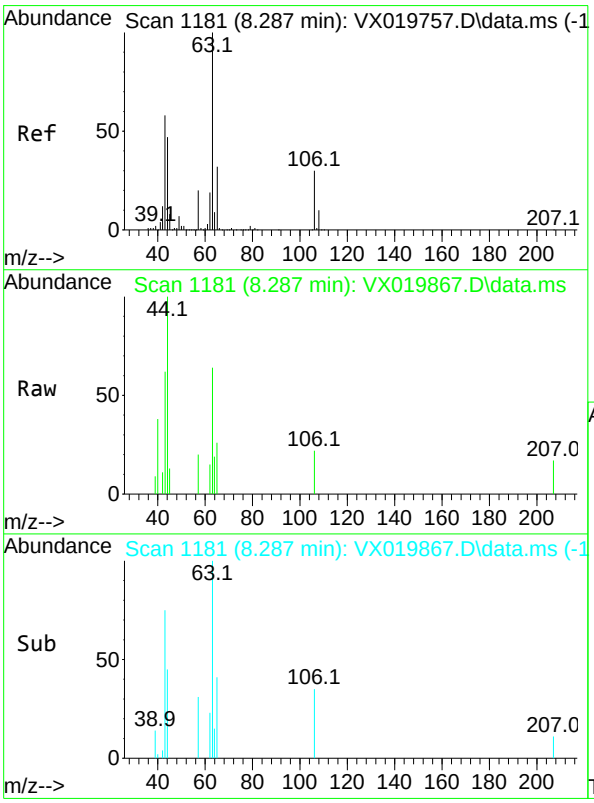


#51
Ethyl methacrylate
Concen: 0.22 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.452 min
Lab File: VX019867.D
Acq: 11 Dec 2020 10:26

Tgt Ion: 69 Resp: 1158

Ion	Ratio	Lower	Upper
69	100		
41	61.0	29.1	87.4
39	34.7	15.4	46.1

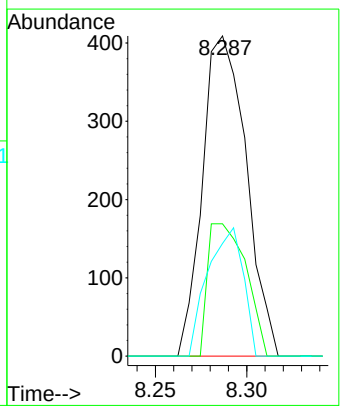




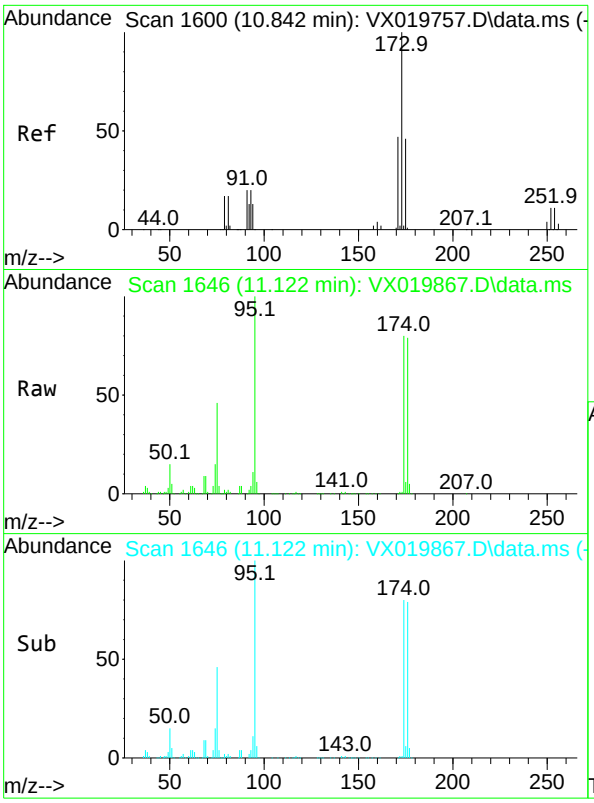
#55
2-Chloroethyl vinyl ether
Concen: 0.25 ug/l
RT: 8.287 min Scan# 1181
Delta R.T. -0.001 min
Lab File: VX019867.D
Acq: 11 Dec 2020 10:26

Tgt Ion: 63 Resp: 681

Ion	Ratio	Lower	Upper
63	100		
65	36.1	25.9	38.9
106	32.6	23.9	35.9



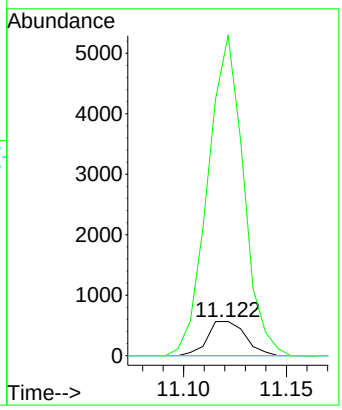
Instrument :
MSVOA_X
ClientSampleId :

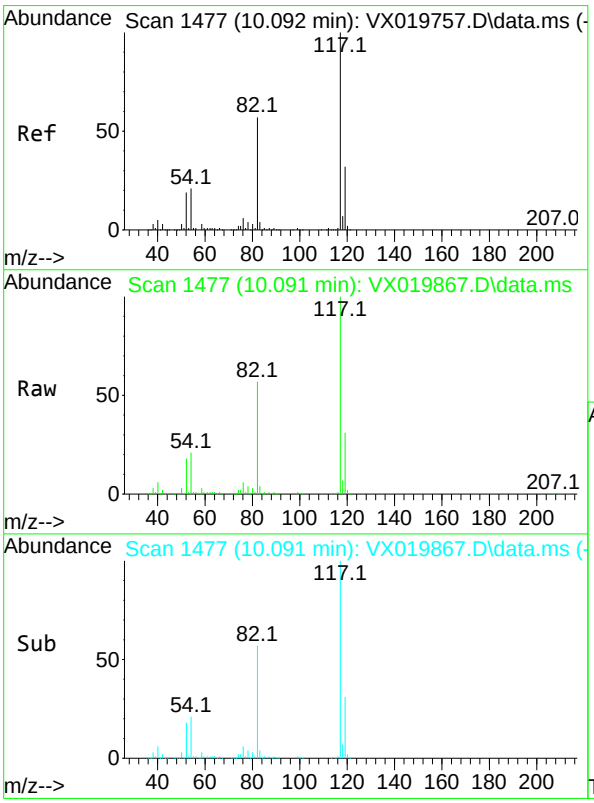


#56
Bromoform
Concen: 0.27 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.280 min
Lab File: VX019867.D
Acq: 11 Dec 2020 10:26

Tgt Ion:173 Resp: 727

Ion	Ratio	Lower	Upper
173	100		
175	881.3	38.1	57.1#
254	0.0	8.2	12.4#

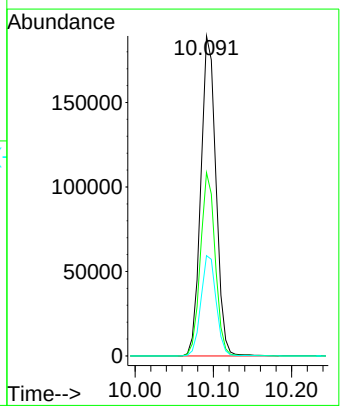




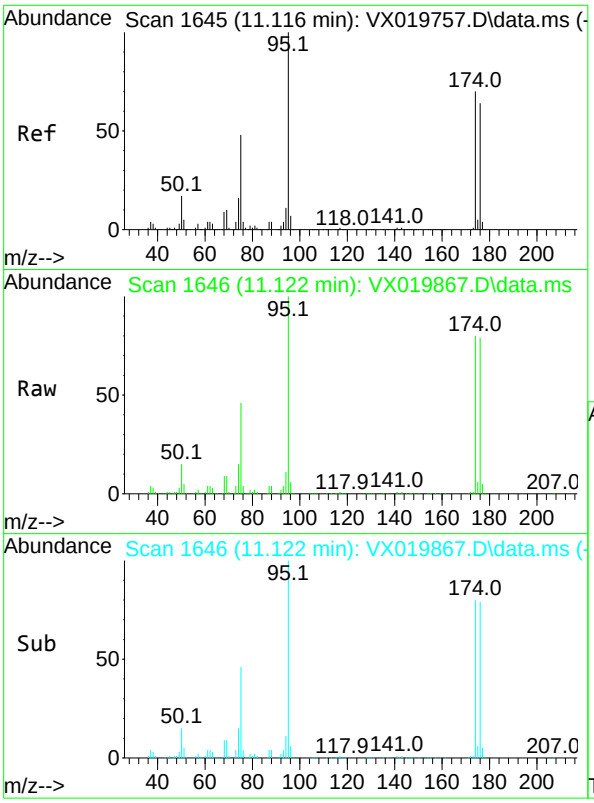
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.091 min Scan# 1477
Delta R.T. -0.001 min
Lab File: VX019867.D
Acq: 11 Dec 2020 10:26

Tgt Ion:117 Resp: 253702

Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.0	67.6
119	31.7	25.6	38.4



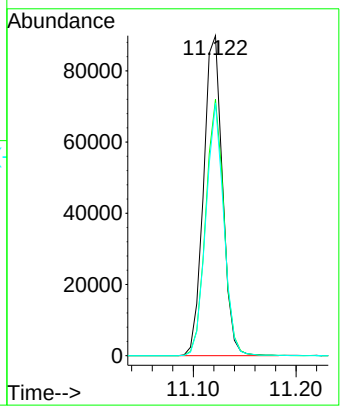
Instrument :
MSVOA_X
ClientSampleId :

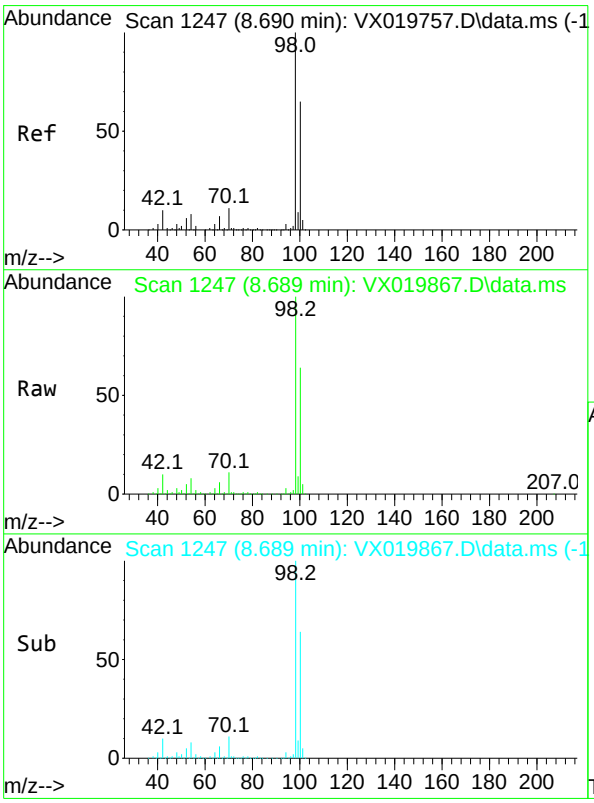


#60
4-Bromofluorobenzene
Concen: 27.05 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX019867.D
Acq: 11 Dec 2020 10:26

Tgt Ion: 95 Resp: 115249

Ion	Ratio	Lower	Upper
95	100		
174	77.1	63.0	94.4
176	74.4	59.9	89.9

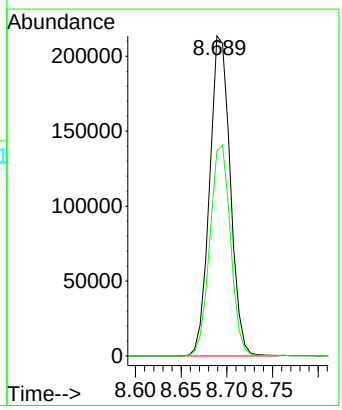


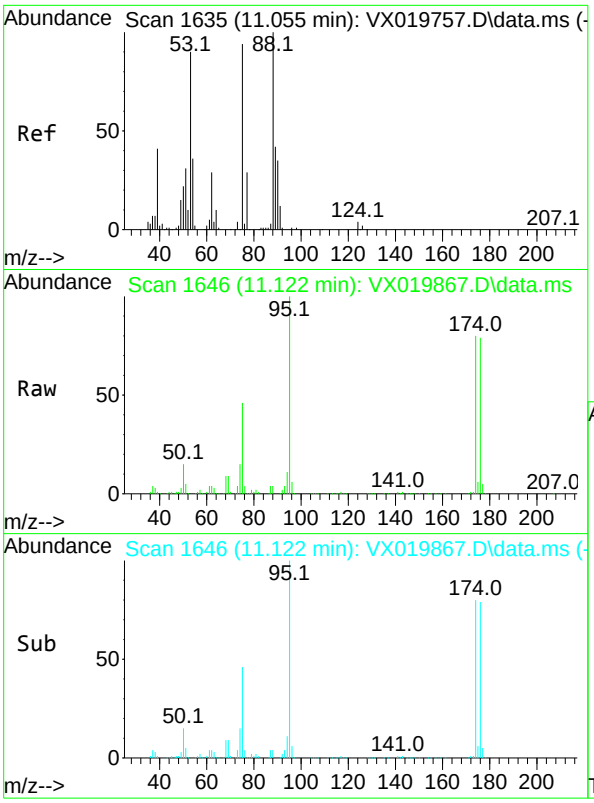


#63
Toluene-d8
Concen: 30.12 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VX019867.D
Acq: 11 Dec 2020 10:26

Tgt Ion: 98 Resp: 334776

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4

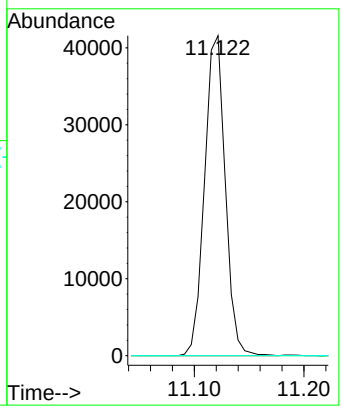




#77
t-1,4-Dichloro-2-butene
Concen: 30.39 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX019867.D
Acq: 11 Dec 2020 10:26

Tgt Ion: 75 Resp: 54464

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



Instrument :
MSVOA_X
ClientSampleId :