Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112020\
Data File : VX019479.D
Acq On : 19 Nov 2020 20:27
Operator : JC/MD
Sample : L4820-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT-022-IDWGW-20201118

Quant Time: Nov 20 01:38:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X112020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 20 01:06:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	4.98	128	46517	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.83	114	255416	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.10	117	229869	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.03	65	103826	31.06	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.53%				
60) 4-Bromofluorobenzene	11.12	95	102108	27.24	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 90.80%				
63) Toluene-d8	8.70	98	304787	29.75	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.17%				
Target Compounds							Qvalue
5) Bromomethane	1.62	94	514	0.426	ug/l		99
15) Acetone	2.43	58	1686	3.855	ug/l		96
16) Carbon Disulfide	2.54	76	2396	0.351	ug/l	#	76
18) Methylene Chloride	2.83	84	917	0.294	ug/l	#	91
23) tert-Butyl Alcohol	3.00	59	3925	6.068	ug/l	#	97
51) Ethyl methacrylate	8.70	69	944	0.210	ug/l		77
62) Toluene	8.76	91	3010	0.234	ug/l		96
77) t-1,4-Dichloro-2-butene	11.12	75	50509	35.417	ug/l	#	11

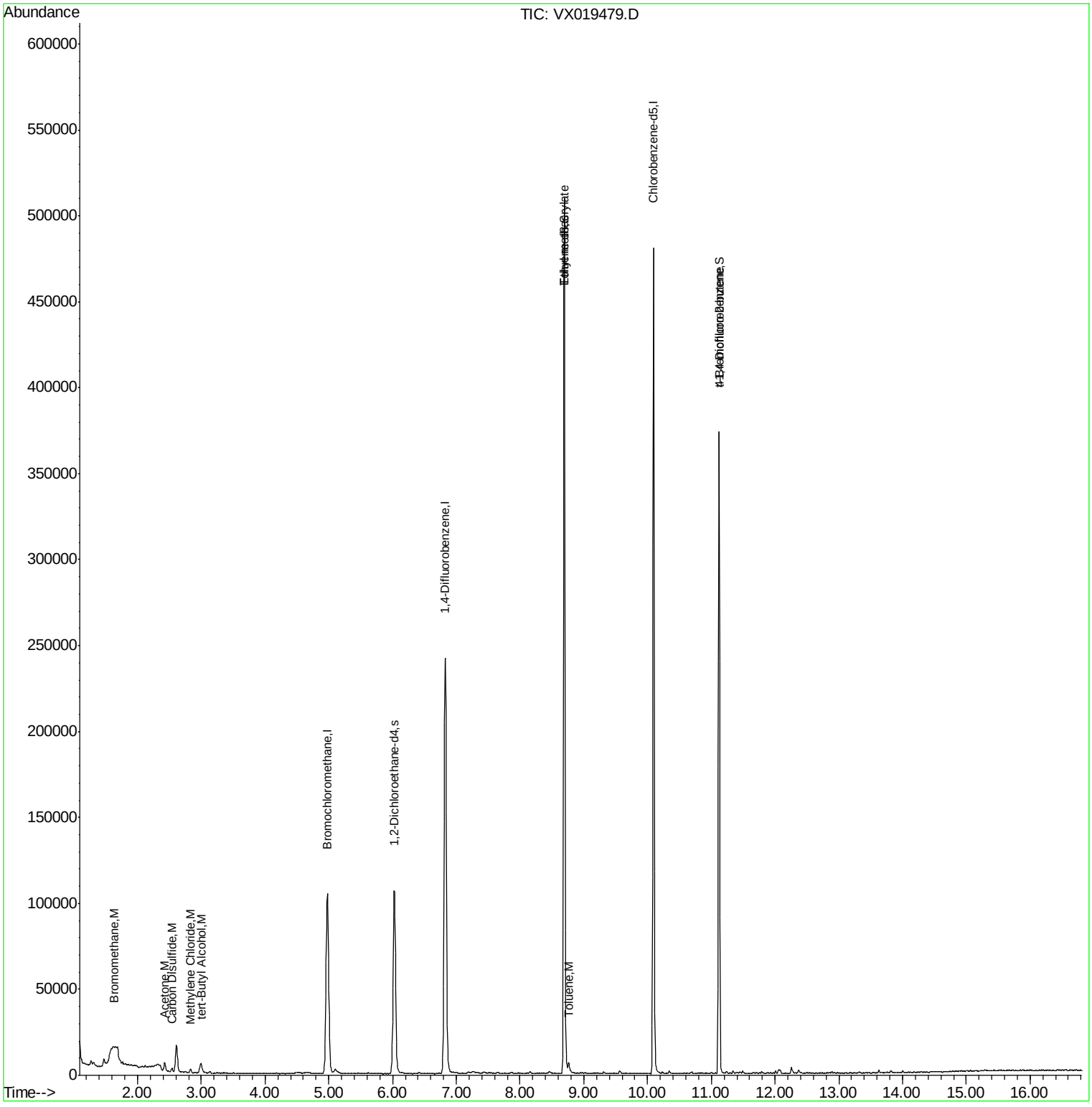
(#) = qualifier out of range (m) = manual integration (+) = signals summed

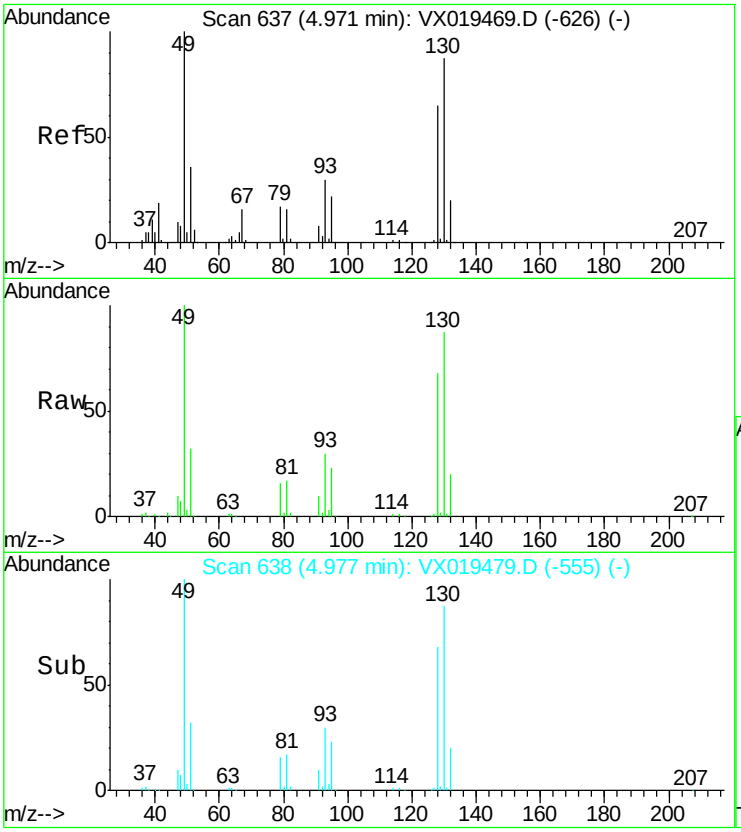
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112020\
Data File : VX019479.D
Acq On : 19 Nov 2020 20:27
Operator : JC/MD
Sample : L4820-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT-022-IDWGW-20201118

Quant Time: Nov 20 01:38:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X112020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 20 01:06:02 2020
Response via : Initial Calibration



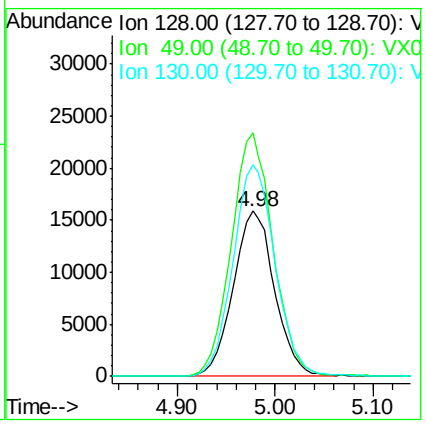


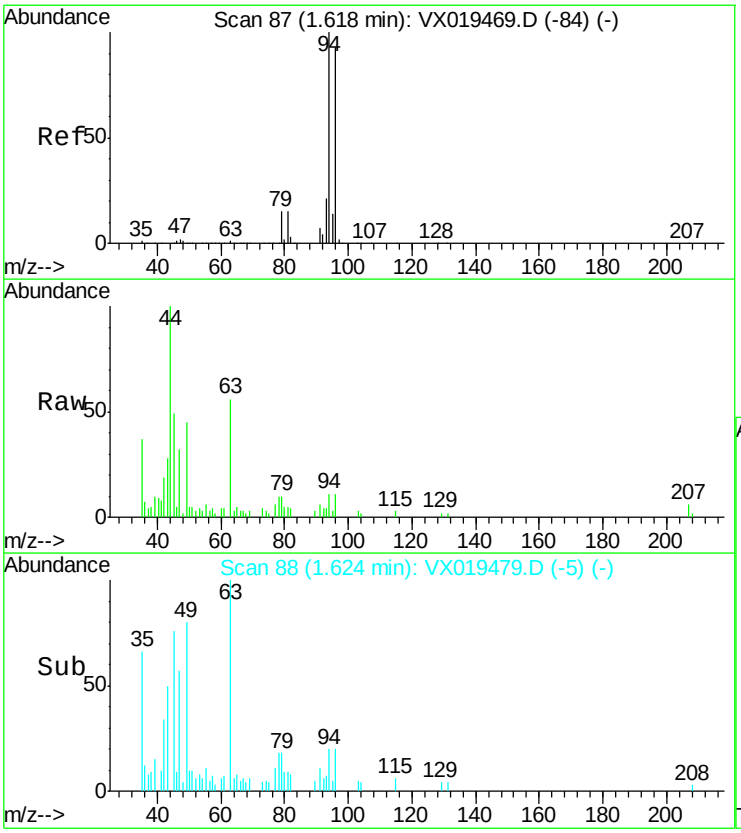
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019479.D
Acq: 19 Nov 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
TT-022-IDWGW-20201118

Tgt Ion:128 Resp: 46517

Ion	Ratio	Lower	Upper
128	100		
49	148.7	0.0	377.8
130	130.3	0.0	324.0

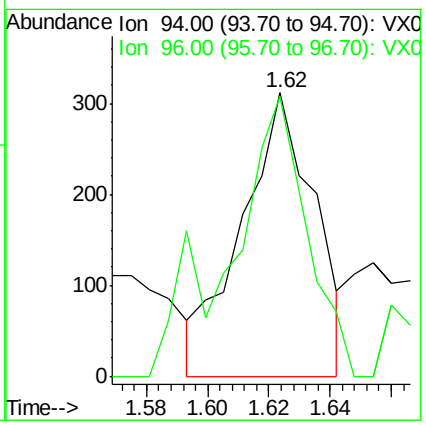


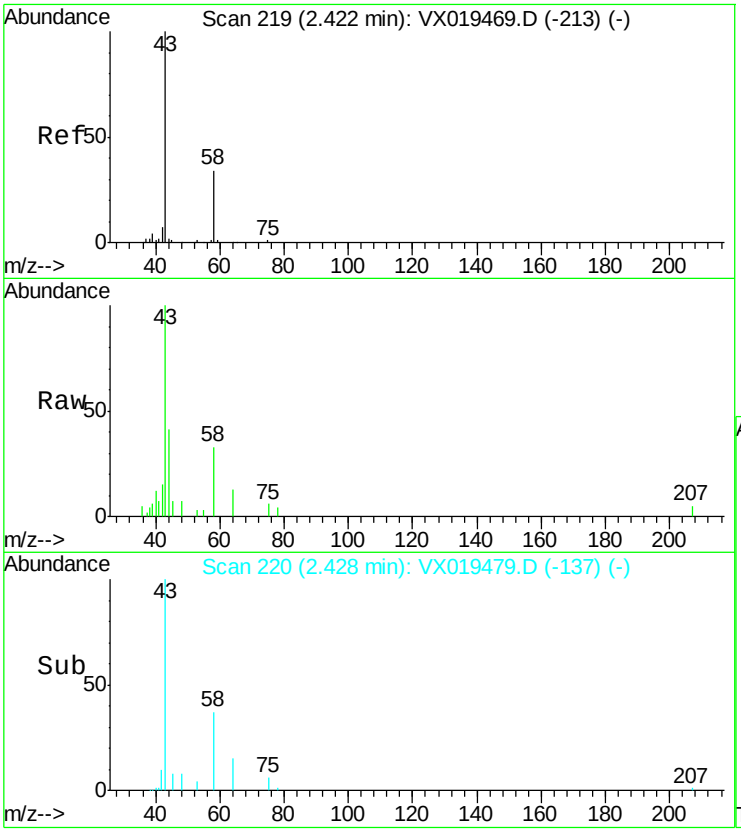


#5
Bromomethane
Concen: 0.426 ug/l
RT: 1.62 min Scan# 88
Delta R.T. 0.01 min
Lab File: VX019479.D
Acq: 19 Nov 2020 20:27

Tgt Ion: 94 Resp: 514

Ion	Ratio	Lower	Upper
94	100		
96	94.0	74.6	111.8



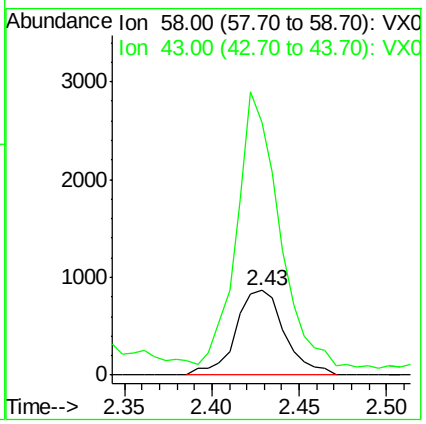


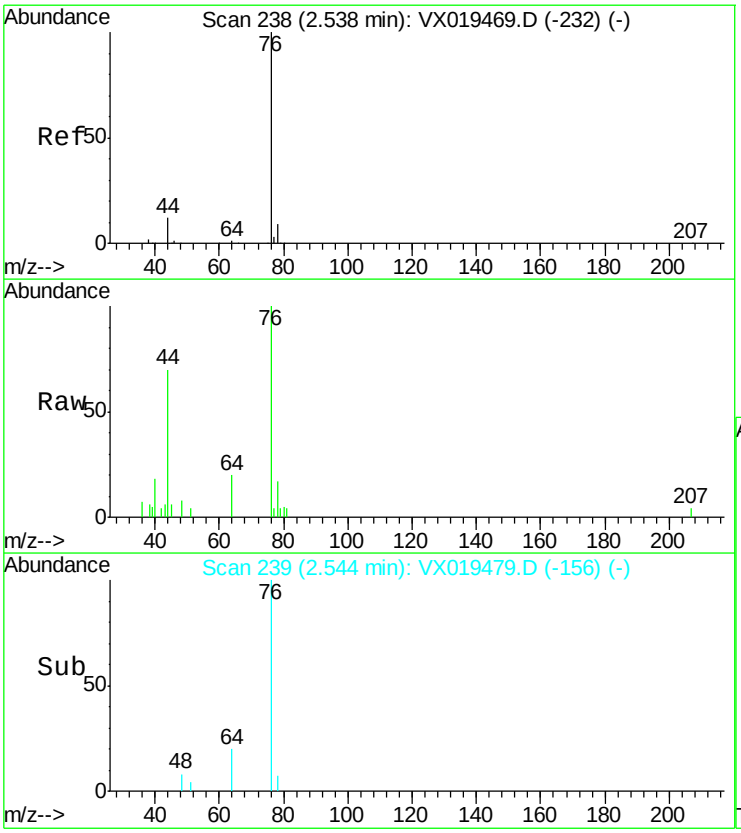
#15
Acetone
Concen: 3.855 ug/l
RT: 2.43 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX019479.D
Acq: 19 Nov 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
TT-022-IDWGW-20201118

Tgt Ion: 58 Resp: 1686

Ion	Ratio	Lower	Upper
58	100		
43	286.7	236.3	354.5

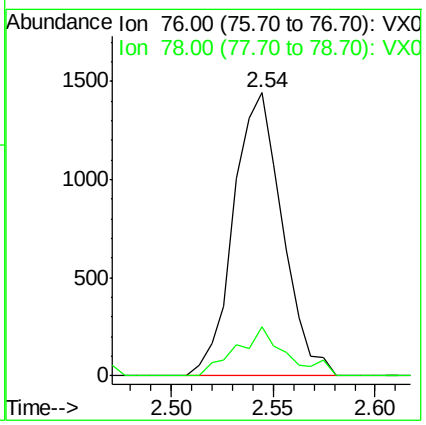


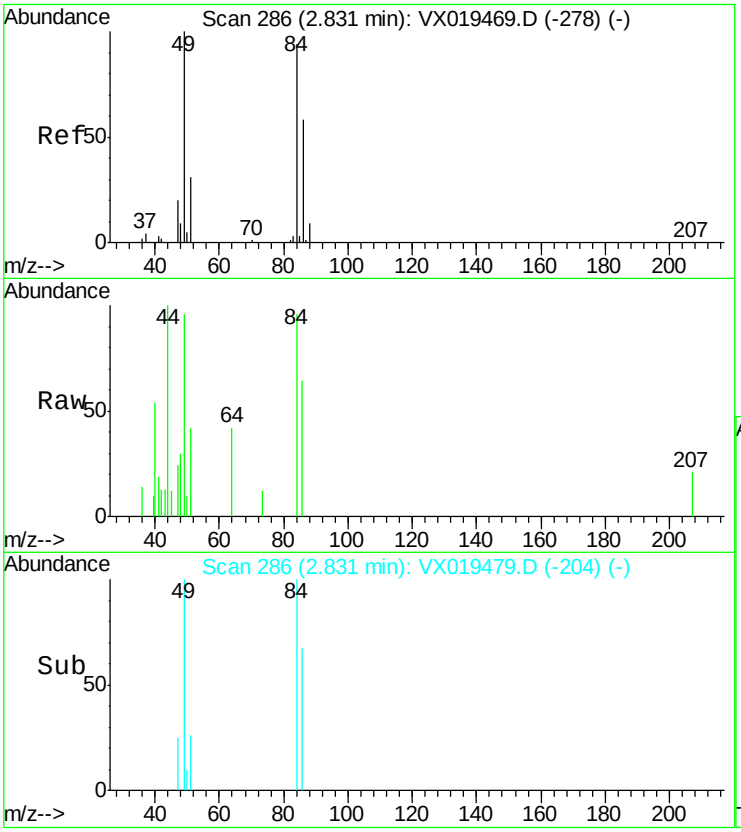


#16
Carbon Disulfide
Concen: 0.351 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VX019479.D
Acq: 19 Nov 2020 20:27

Tgt Ion: 76 Resp: 2396

Ion	Ratio	Lower	Upper
76	100		
78	17.3	7.0	10.6#



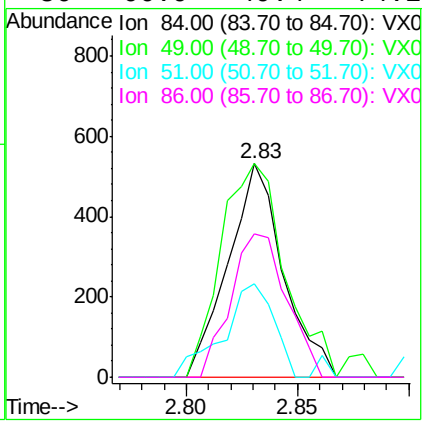


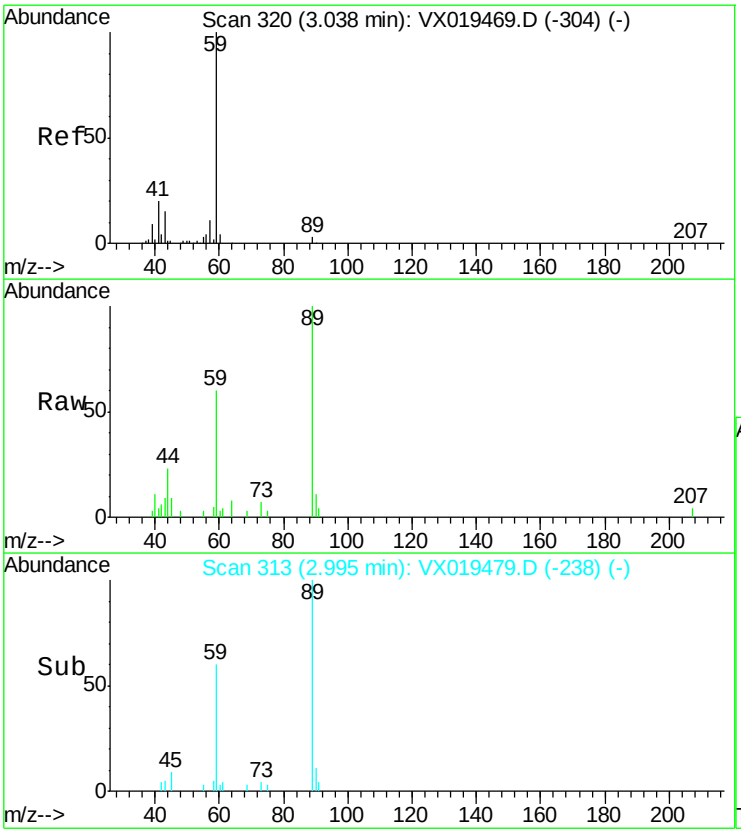
#18
Methylene Chloride
Concen: 0.294 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019479.D
Acq: 19 Nov 2020 20:27

Instrument : MSVOA_X
ClientSampleId : TT-022-IDWGW-20201118

Tgt Ion: 84 Resp: 917

Ion	Ratio	Lower	Upper
84	100		
49	99.8	85.4	128.0
51	43.8	26.7	40.1#
86	66.9	49.4	74.2

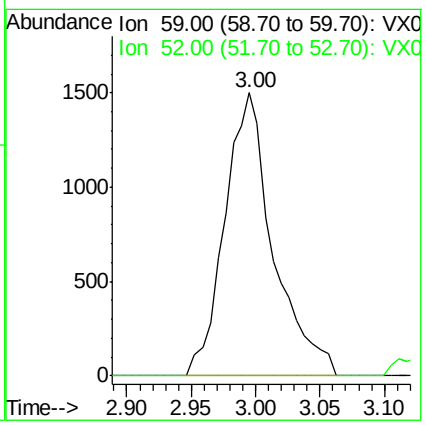


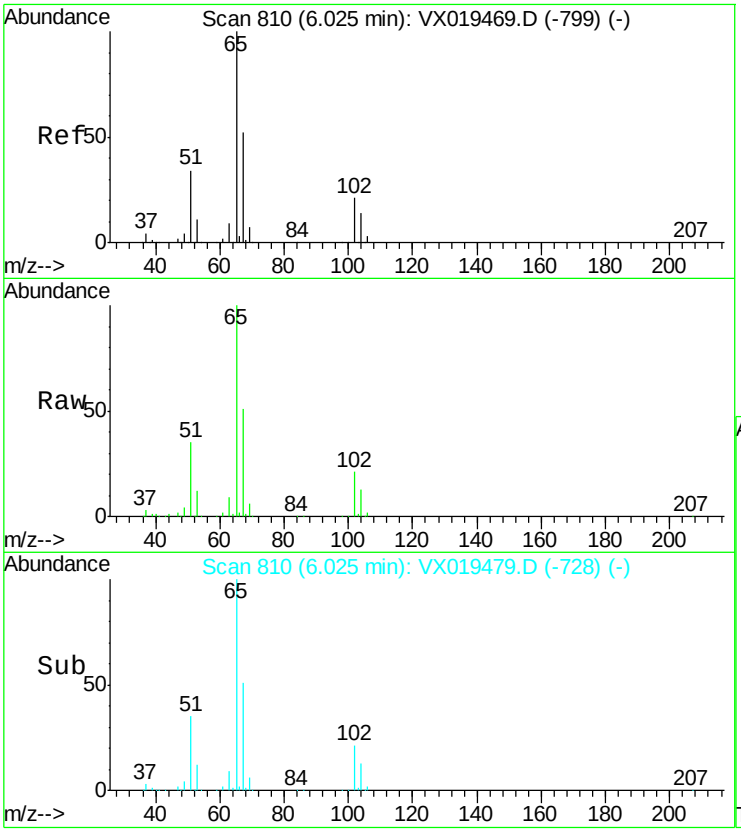


#23
tert-Butyl Alcohol
Concen: 6.068 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.04 min
Lab File: VX019479.D
Acq: 19 Nov 2020 20:27

Tgt Ion: 59 Resp: 3925

Ion	Ratio	Lower	Upper
59	100		
52	4.4	0.2	0.2#



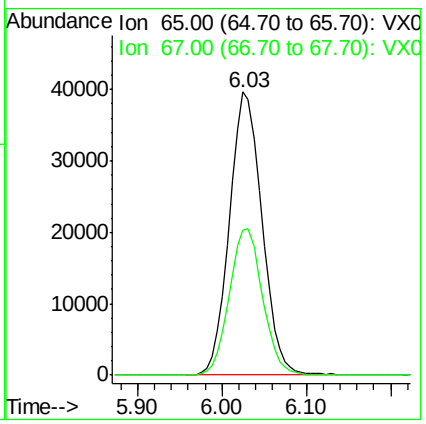


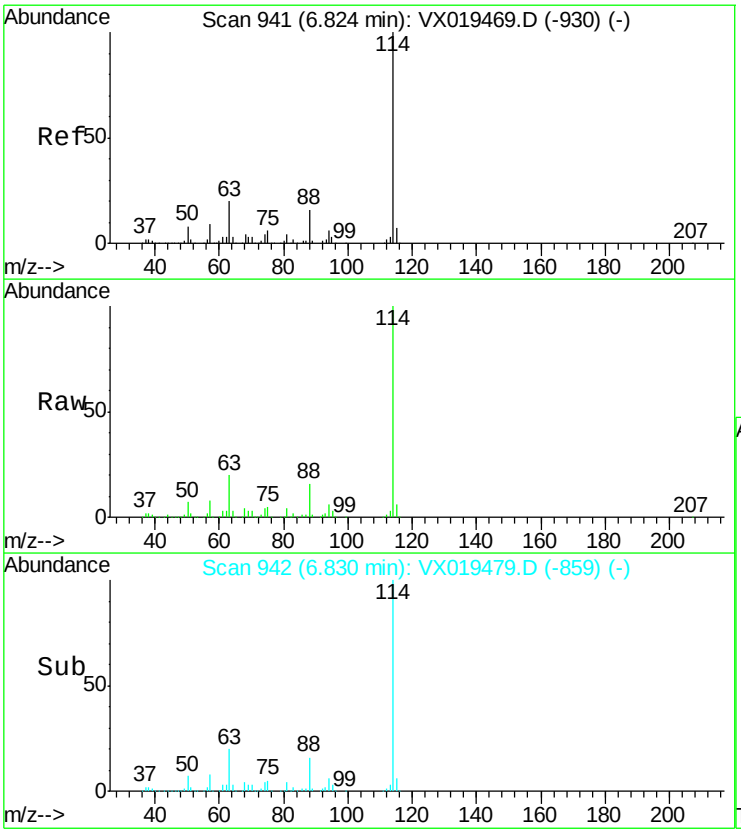
#27
1,2-Dichloroethane-d4
Concen: 31.055 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX019479.D
Acq: 19 Nov 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
TT-022-IDWGW-20201118

Tgt Ion: 65 Resp: 103826

Ion	Ratio	Lower	Upper
65	100		
67	52.7	42.2	63.2

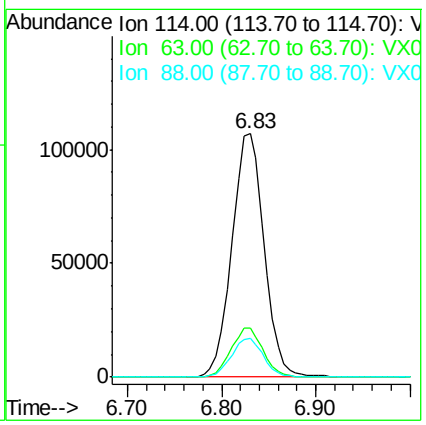


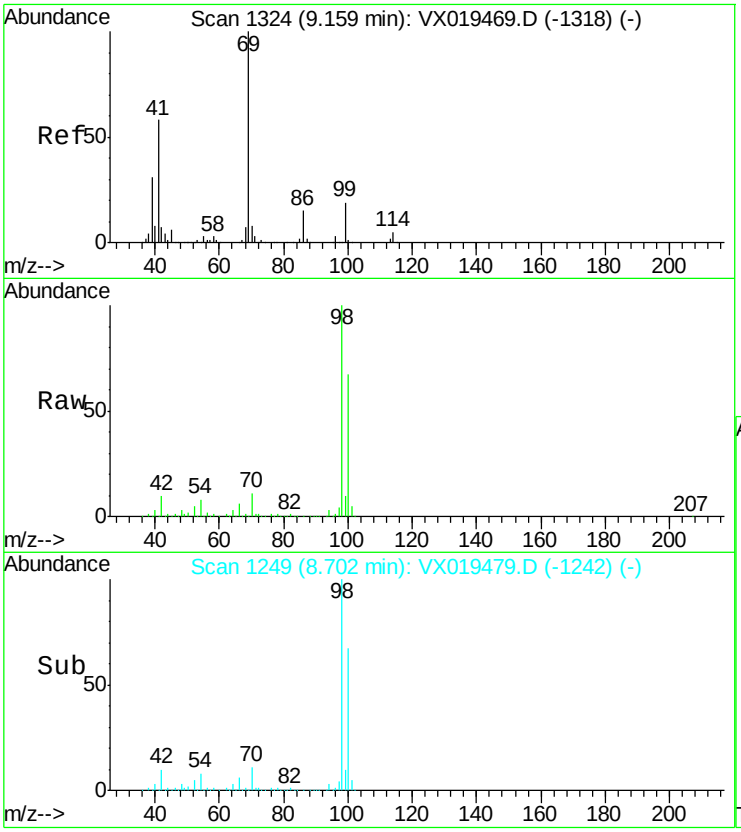


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019479.D
Acq: 19 Nov 2020 20:27

Tgt Ion:114 Resp: 255416

Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.2	24.2
88	15.9	12.9	19.3



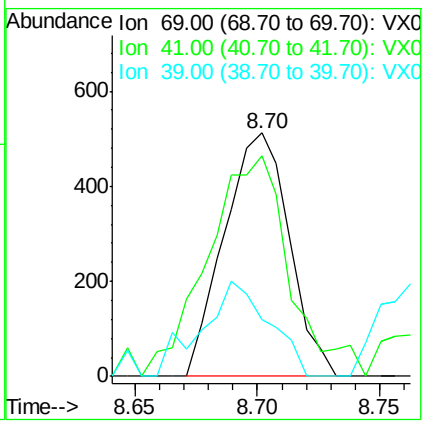


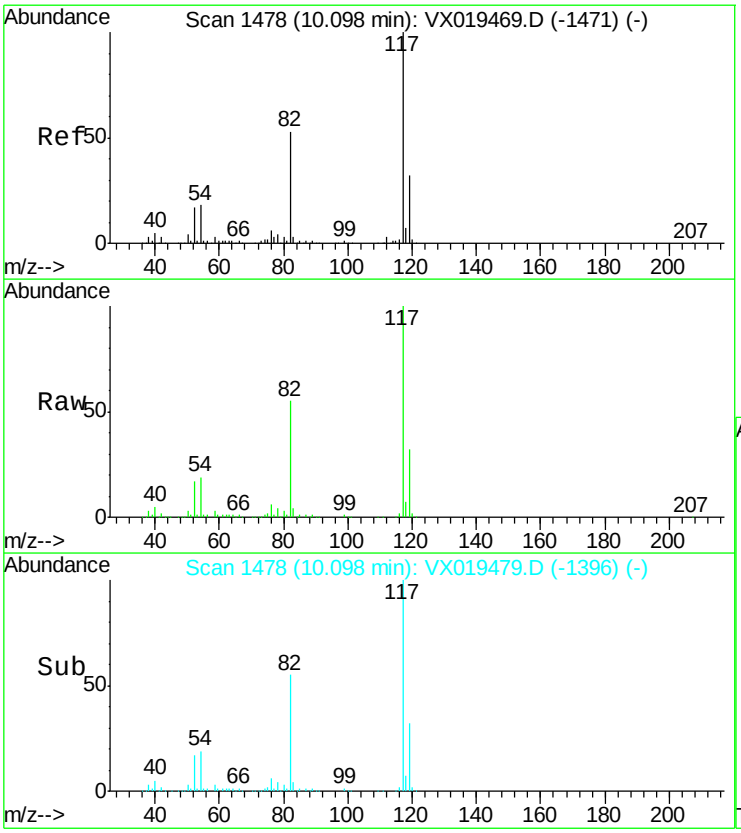
#51
Ethyl methacrylate
Concen: 0.210 ug/l
RT: 8.70 min Scan# 1249
Delta R.T. -0.46 min
Lab File: VX019479.D
Acq: 19 Nov 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
TT-022-IDWGW-20201118

Tgt Ion: 69 Resp: 944

Ion	Ratio	Lower	Upper
69	100		
41	79.3	29.0	87.1
39	23.4	15.4	46.4

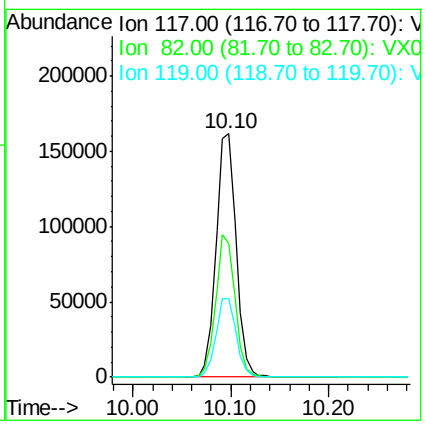


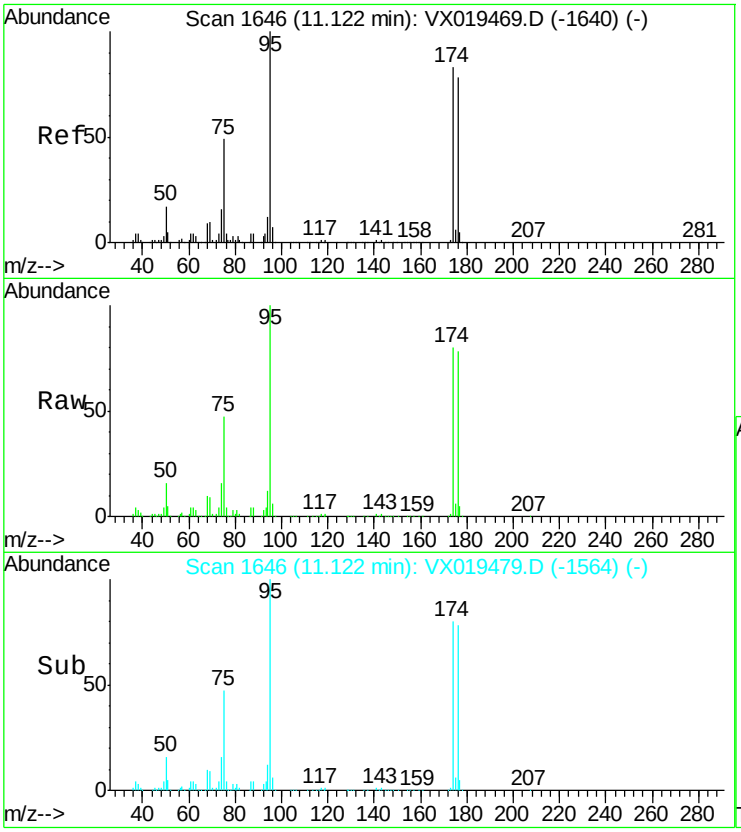


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019479.D
Acq: 19 Nov 2020 20:27

Tgt Ion:117 Resp: 229869

Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.5	66.7
119	32.5	25.9	38.9



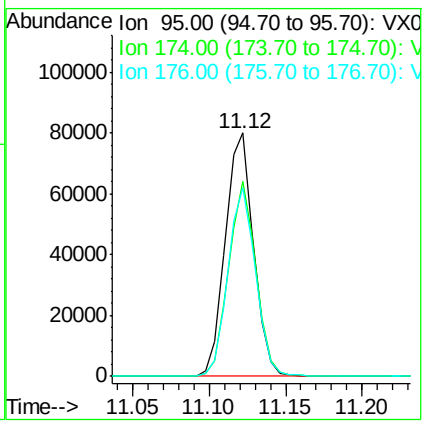


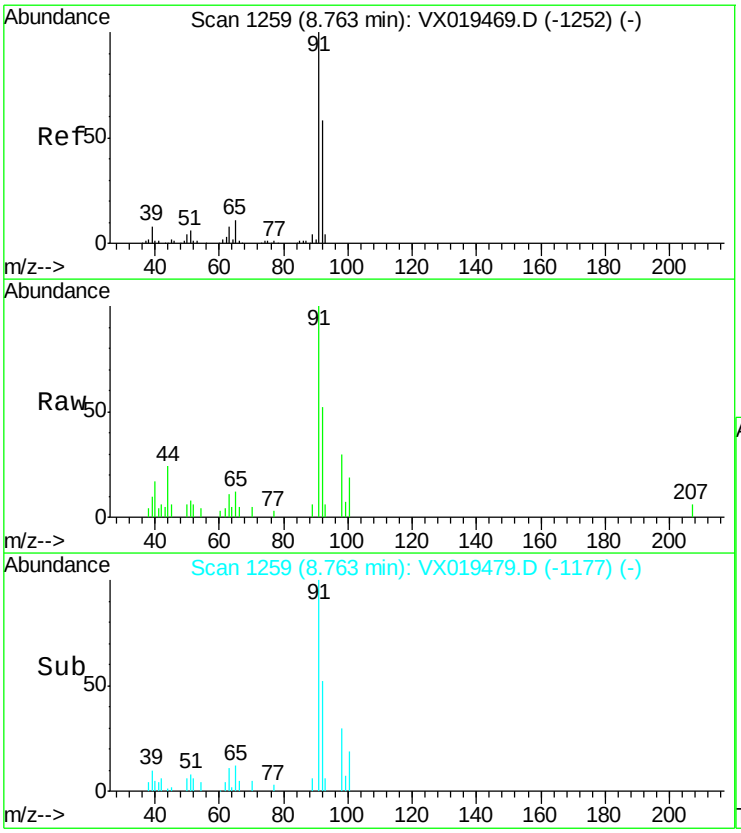
#60
4-Bromofluorobenzene
Concen: 27.237 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019479.D
Acq: 19 Nov 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
TT-022-IDWGW-20201118

Tgt Ion: 95 Resp: 102108

Ion	Ratio	Lower	Upper
95	100		
174	77.5	63.5	95.3
176	76.1	59.8	89.6

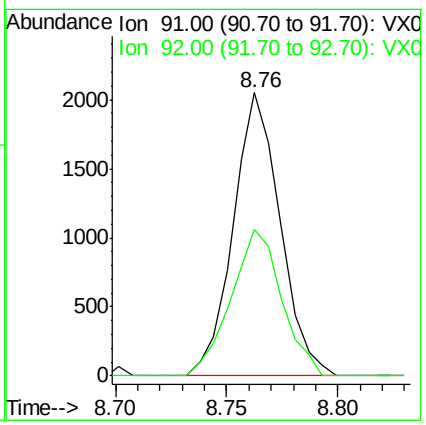


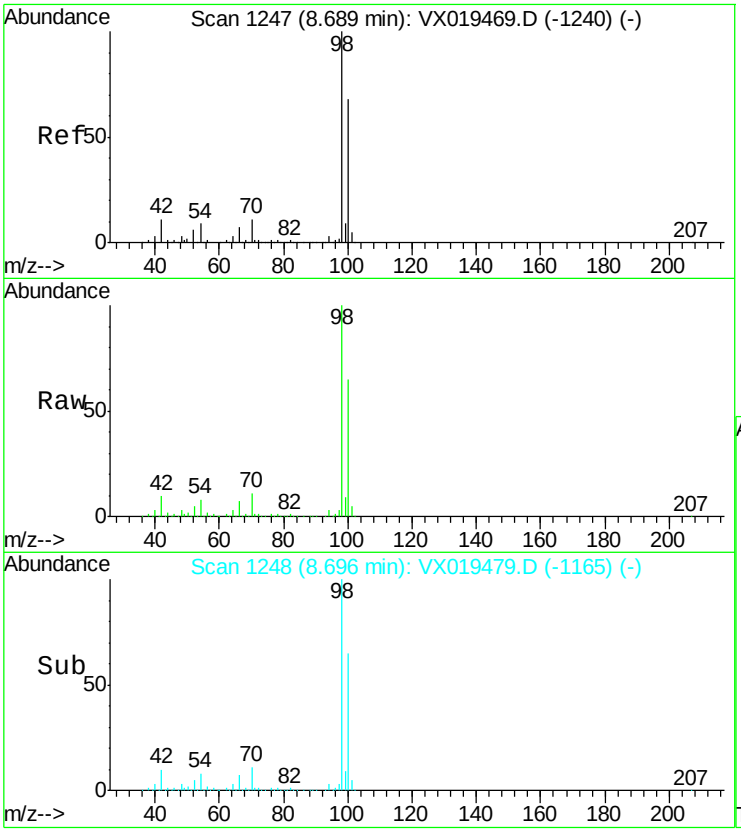


#62
Toluene
Concen: 0.234 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019479.D
Acq: 19 Nov 2020 20:27

Tgt Ion: 91 Resp: 3010

Ion	Ratio	Lower	Upper
91	100		
92	56.0	47.4	71.2



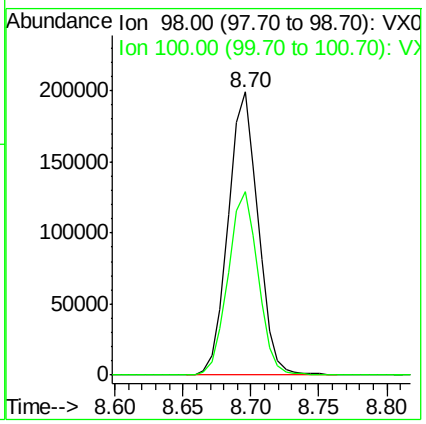


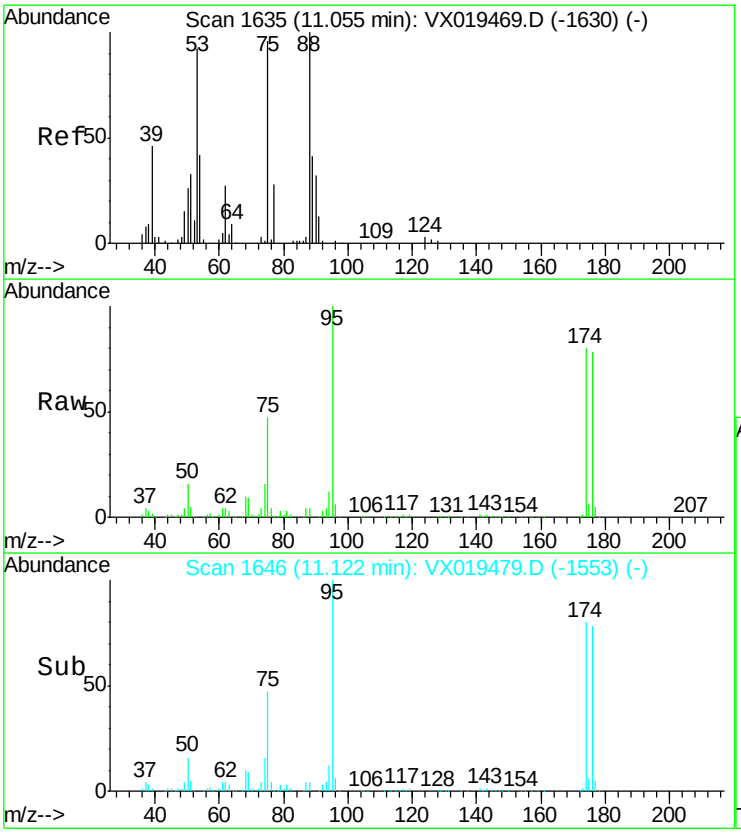
#63
Toluene-d8
Concen: 29.746 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.01 min
Lab File: VX019479.D
Acq: 19 Nov 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
TT-022-IDWGW-20201118

Tgt Ion: 98 Resp: 304787

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.6	80.4





#77
t-1,4-Dichloro-2-butene
Concen: 35.417 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019479.D
Acq: 19 Nov 2020 20:27

Tgt Ion: 75 Resp: 50509

Ion	Ratio	Lower	Upper
75	100		
53	0.0	47.9	143.6#
89	0.0	21.4	64.2#