Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092320\
Data File : VX018549.D
Acq On : 23 Sep 2020 21:00
Operator : JC/SP
Sample : L4083-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE109D1-20200917

Quant Time: Sep 24 00:38:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.64	168	458600	50.00	ug/l		0.01
34) 1,4-Difluorobenzene	6.83	114	736316	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	707542	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	354821	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.04	65	319642	49.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.54%				
35) Dibromofluoromethane	5.47	113	253398	49.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.56%				
50) Toluene-d8	8.70	98	900509	48.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.38%				
62) 4-Bromofluorobenzene	11.12	95	340302	46.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.52%				
Target Compounds							Qvalue
3) Chloromethane	1.31	50	2210	0.434	ug/l	#	86
5) Bromomethane	1.64	94	663	0.200	ug/l		90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2144	0.487	ug/l	#	86
10) Methyl Iodide	2.51	142	448	4.988	ug/l	#	39
11) Tert butyl alcohol	2.98	59	2001	1.773	ug/l		97
13) Acrolein	2.26	56	268	0.375	ug/l	#	1
16) Acetone	2.43	43	5978	2.409	ug/l		98
20) Methylene Chloride	2.83	84	2258	0.412	ug/l	#	82
25) 2-Butanone	4.65	43	2417	0.626	ug/l	#	63
29) Tetrahydrofuran	5.12	42	666	0.273	ug/l	#	83
31) Cyclohexane	5.63	56	10503	1.338	ug/l	#	1
36) 1,1-Dichloropropene	5.63	75	36374	5.090	ug/l	#	51
44) Trichloroethene	7.19	130	99088	16.712	ug/l		99
49) 1,4-Dioxane	7.71	88	176	1.728	ug/l	#	1
64) Tetrachloroethene	9.32	164	4167	0.748	ug/l	#	64
76) 1,2,3-Trichloropropane	11.12	75	172981	23.199	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.12	75	172981	59.448	ug/l	#	13

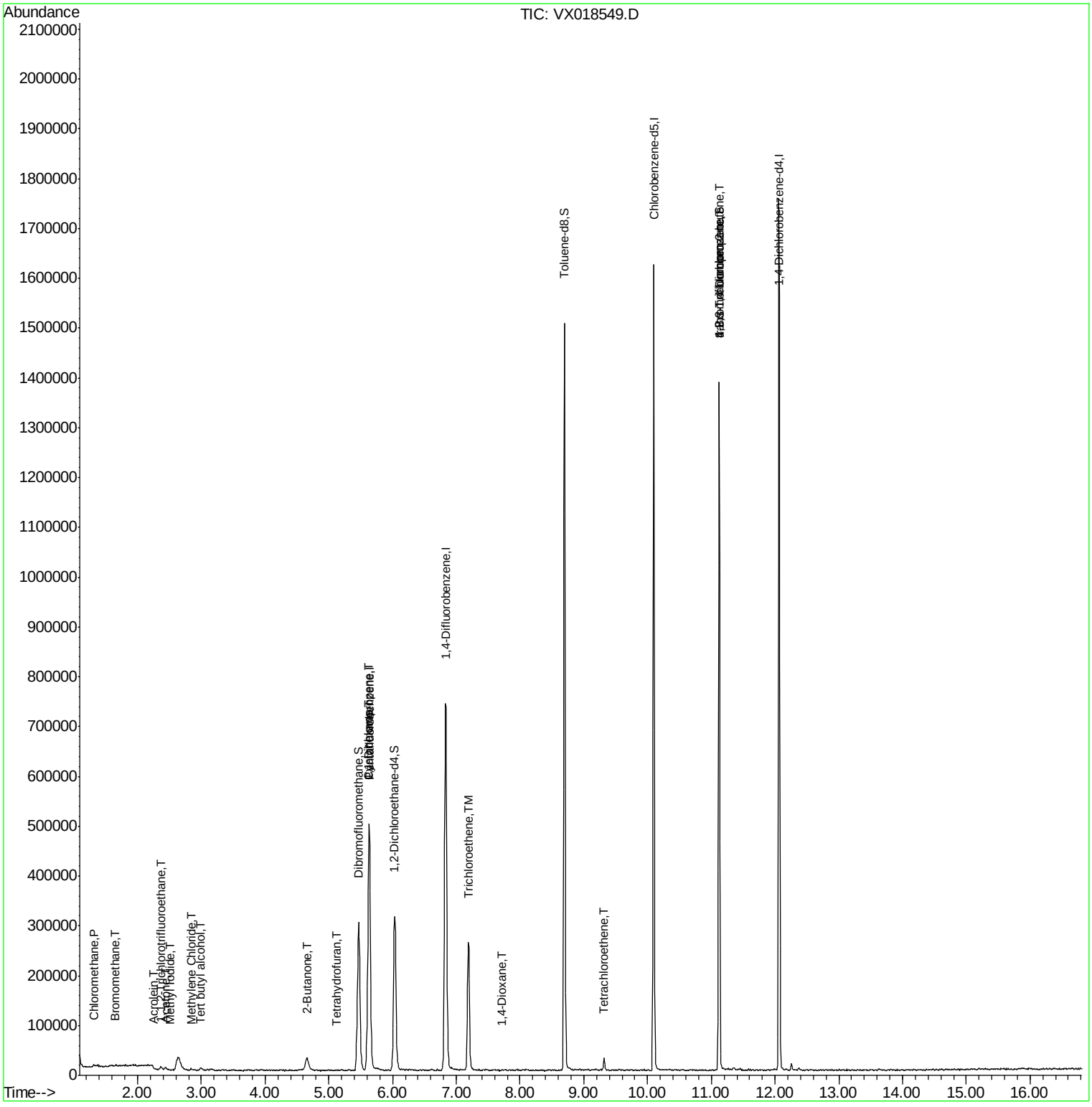
(#) = qualifier out of range (m) = manual integration (+) = signals summed

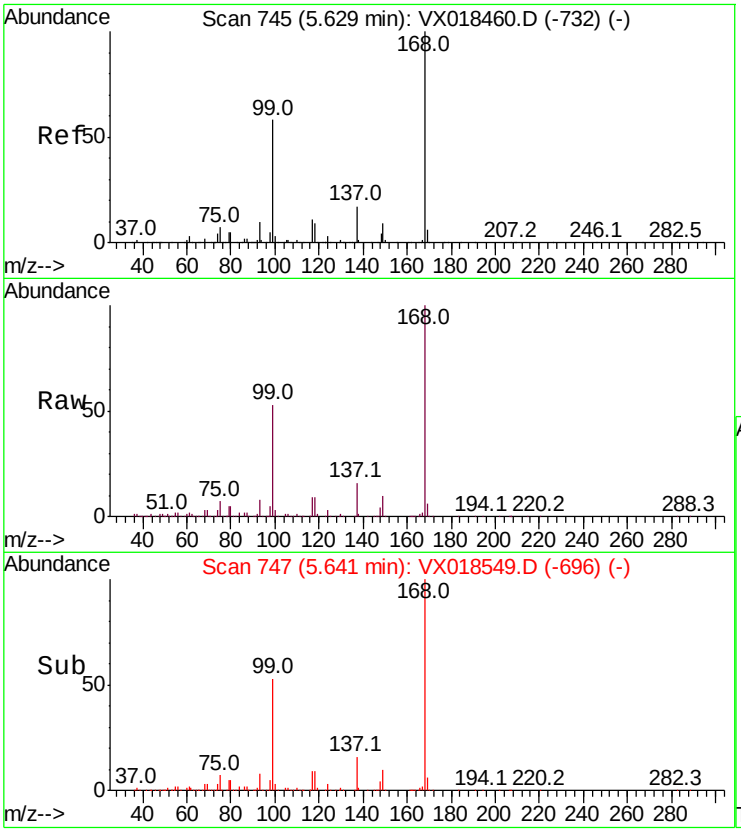
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092320\
Data File : VX018549.D
Acq On : 23 Sep 2020 21:00
Operator : JC/SP
Sample : L4083-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20200917

Quant Time: Sep 24 00:38:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration



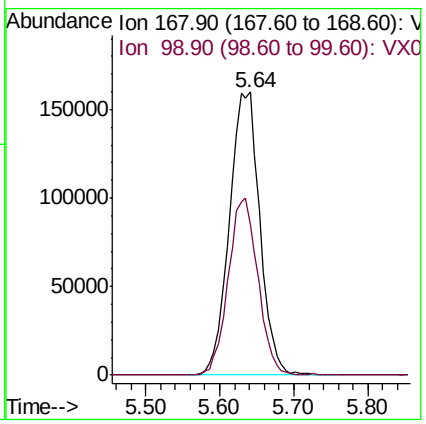


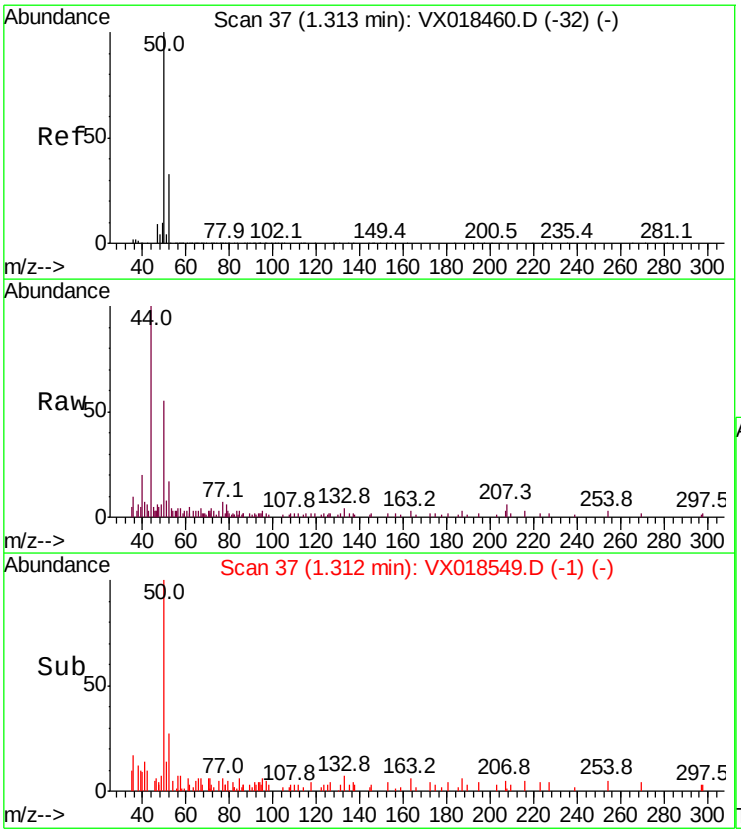
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 747
Delta R.T. 0.01 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20200917

Tgt Ion:168 Resp: 458600

Ion	Ratio	Lower	Upper
168	100		
99	53.2	46.5	69.7

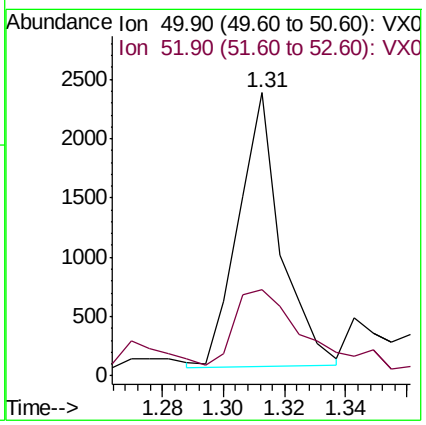


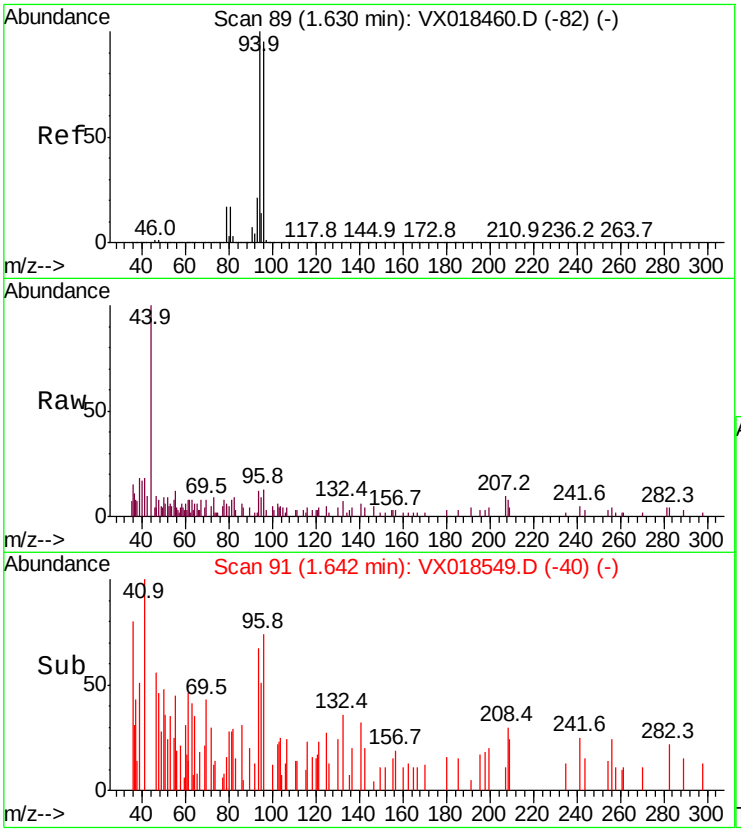


#3
Chloromethane
Concen: 0.434 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Tgt Ion: 50 Resp: 2210

Ion	Ratio	Lower	Upper
50	100		
52	25.6	26.6	40.0#



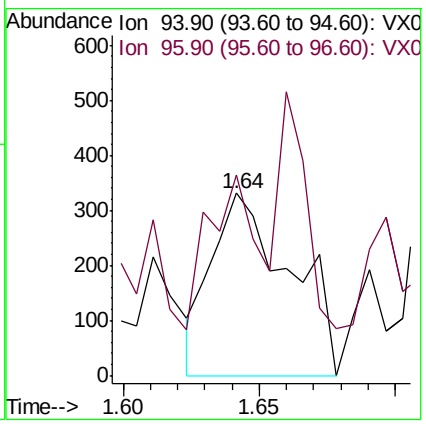


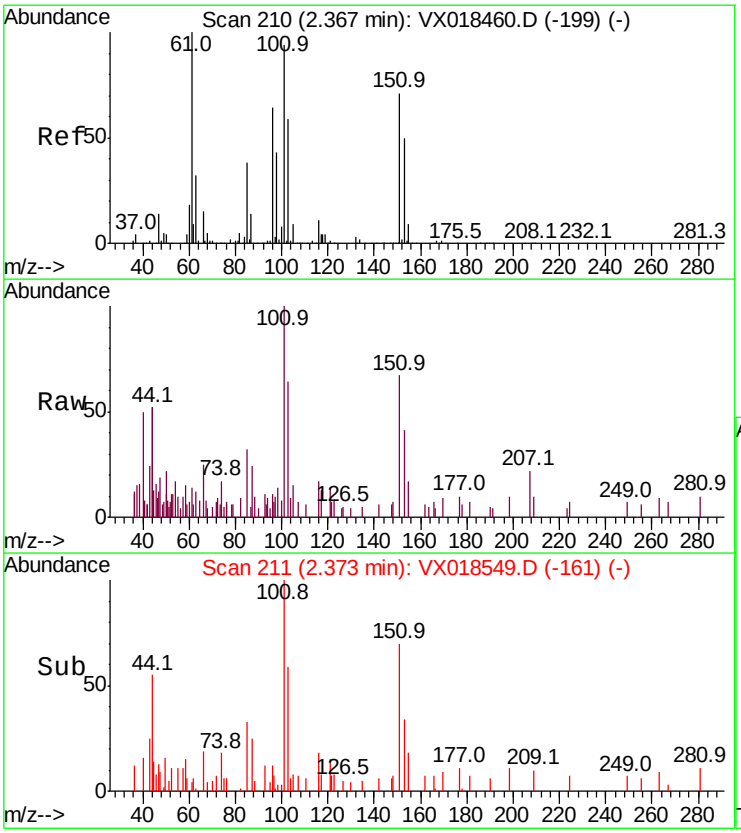
#5
Bromomethane
Concen: 0.200 ug/l
RT: 1.64 min Scan# 91
Delta R.T. 0.01 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20200917

Tgt Ion: 94 Resp: 663

Ion	Ratio	Lower	Upper
94	100		
96	85.2	75.5	113.3

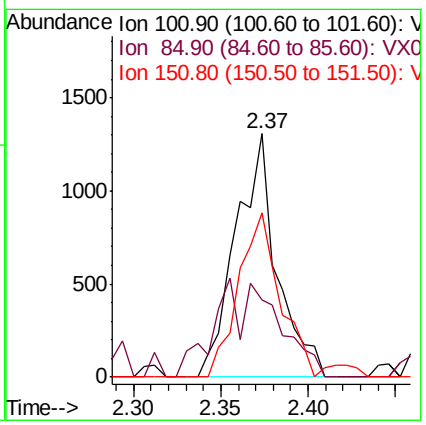


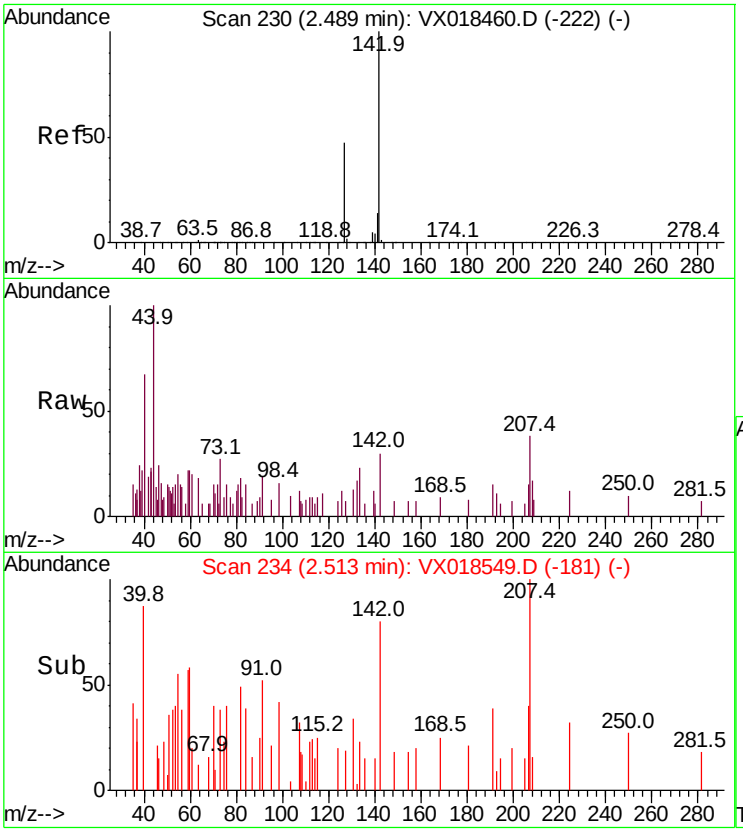


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.487 ug/l
RT: 2.37 min Scan# 211
Delta R.T. 0.01 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Tgt Ion:101 Resp: 2144

Ion	Ratio	Lower	Upper
101	100		
85	34.3	34.7	52.1#
151	68.3	64.9	97.3



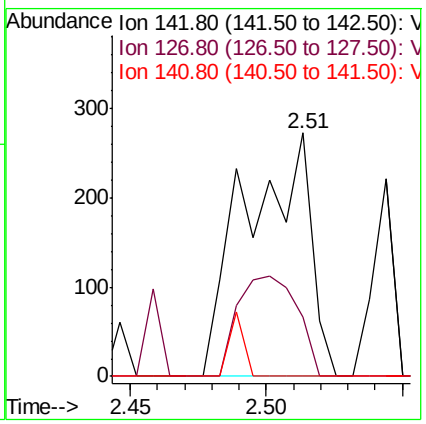


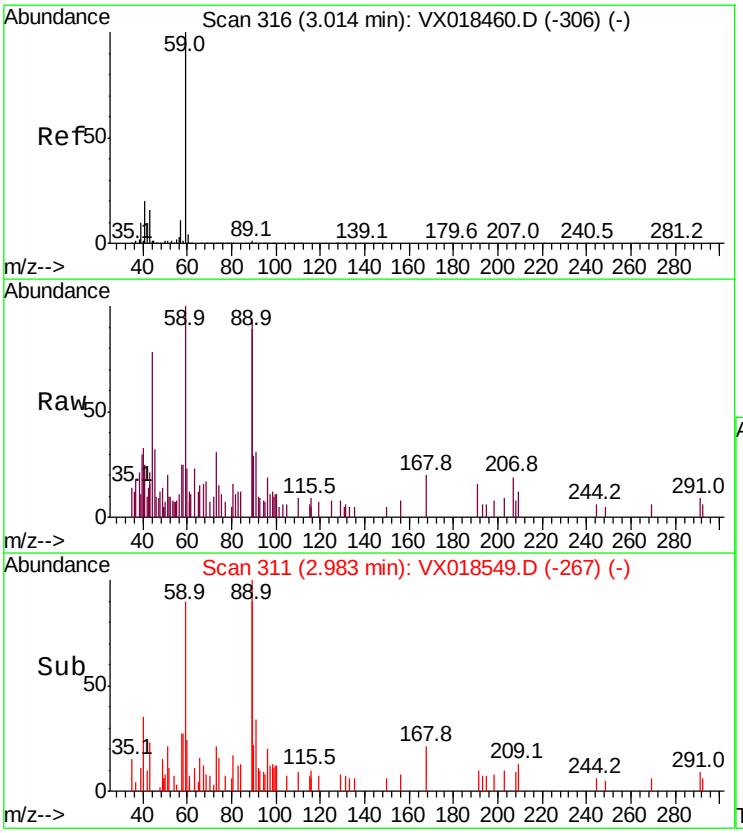
#10
Methyl Iodide
Concen: 4.988 ug/l
RT: 2.51 min Scan# 234
Delta R.T. 0.02 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Instrument : MSVOA_X
ClientSampleId : RE109D1-20200917

Tgt Ion:142 Resp: 448

Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.0	54.0#
141	0.0	11.9	17.9#

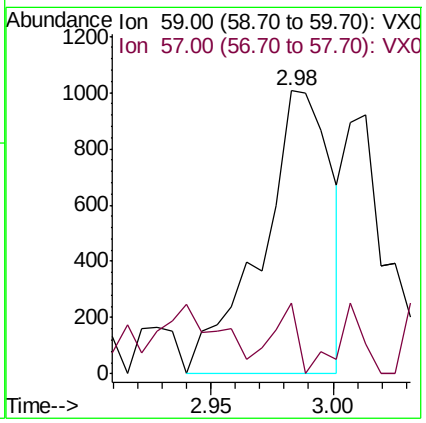


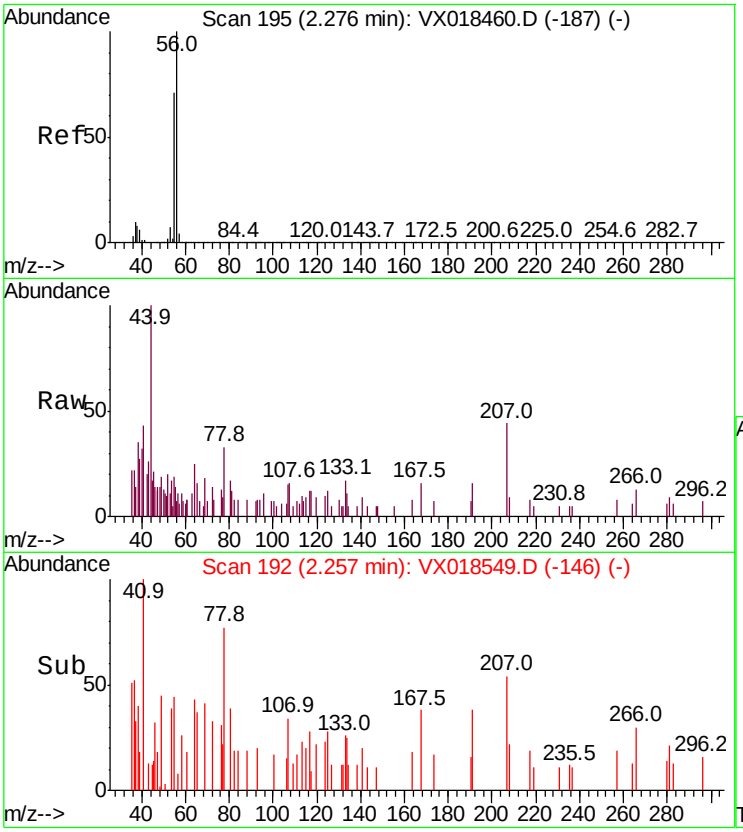


#11
Tert butyl alcohol
Concen: 1.773 ug/l
RT: 2.98 min Scan# 311
Delta R.T. -0.03 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Tgt Ion: 59 Resp: 2001

Ion	Ratio	Lower	Upper
59	100		
57	9.1	8.2	12.4



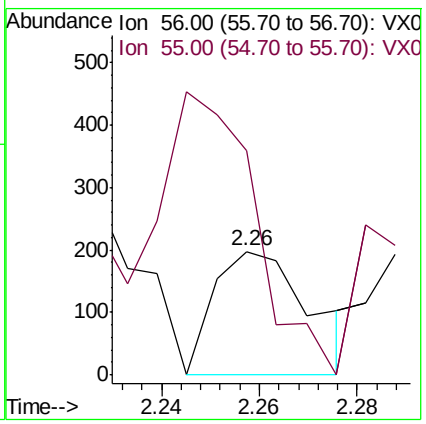


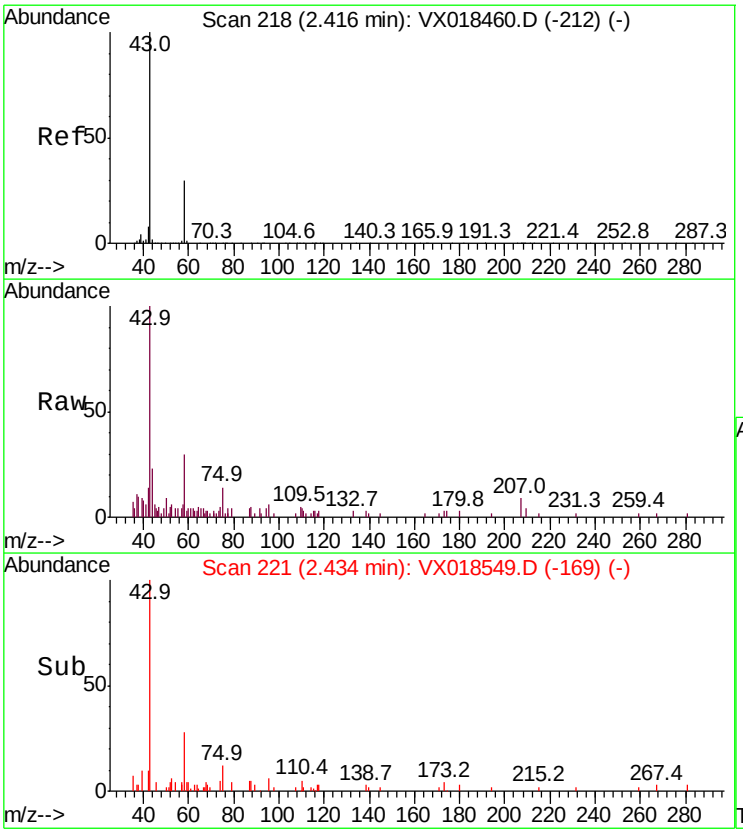
#13
Acrolein
Concen: 0.375 ug/l
RT: 2.26 min Scan# 192
Delta R.T. -0.02 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20200917

Tgt Ion: 56 Resp: 268

Ion	Ratio	Lower	Upper
56	100		
55	223.9	58.2	87.4#

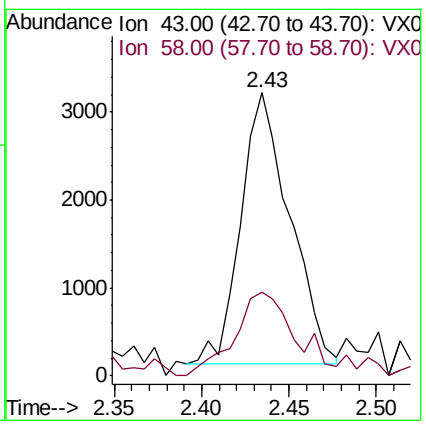


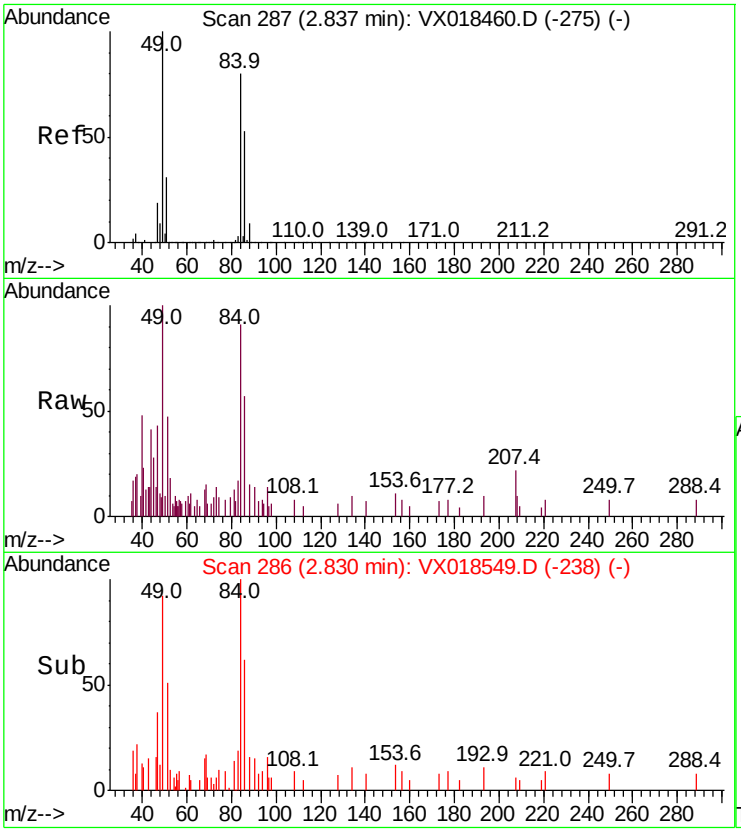


#16
Acetone
Concen: 2.409 ug/l
RT: 2.43 min Scan# 221
Delta R.T. 0.02 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Tgt Ion: 43 Resp: 5978

Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.0	36.0



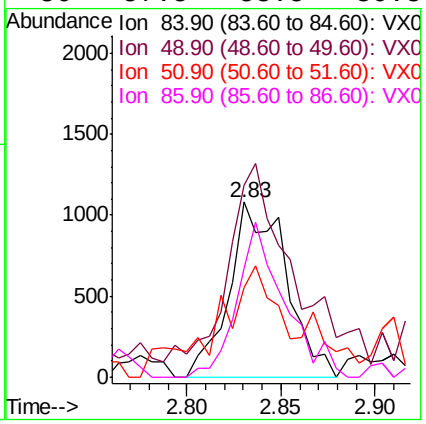


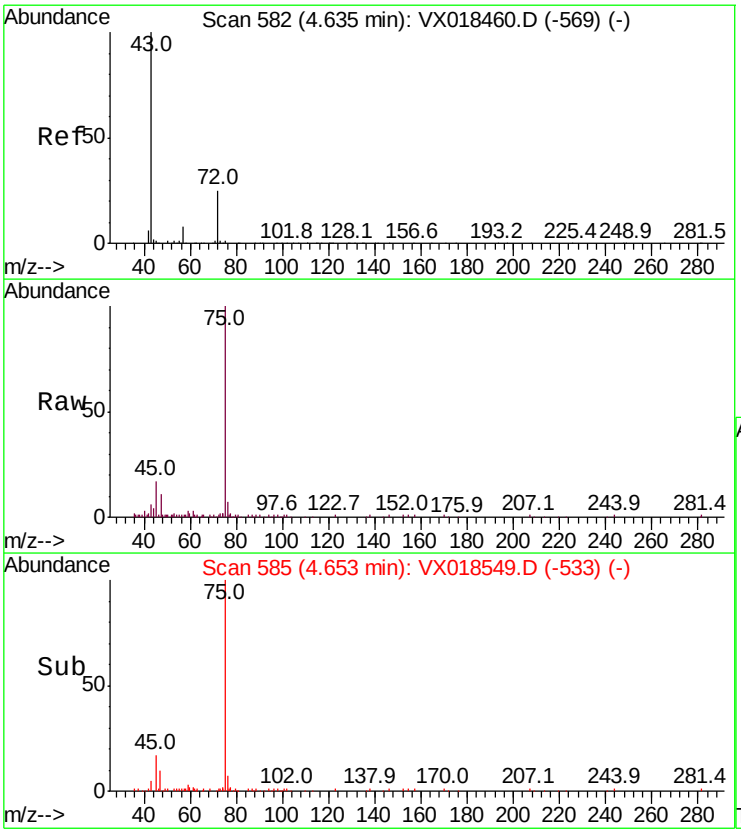
#20
Methylene Chloride
Concen: 0.412 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Instrument : MSVOA_X
ClientSampleId : RE109D1-20200917

Tgt Ion: 84 Resp: 2258

Ion	Ratio	Lower	Upper
84	100		
49	96.3	100.6	151.0#
51	36.9	30.9	46.3
86	57.5	53.5	80.3

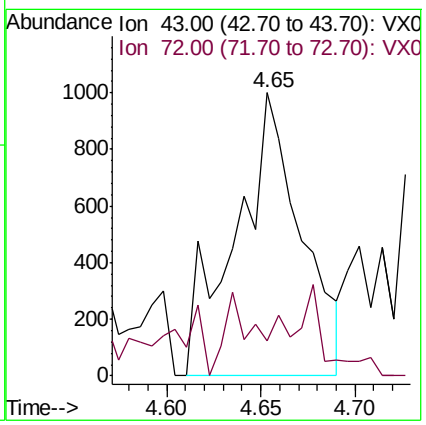


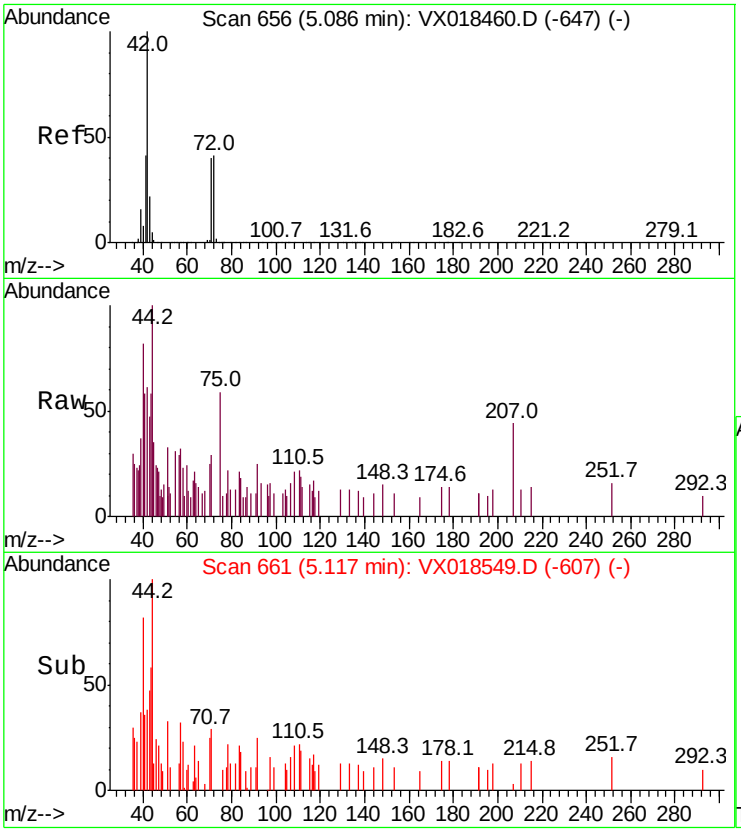


#25
2-Butanone
Concen: 0.626 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.02 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Tgt Ion: 43 Resp: 2417

Ion	Ratio	Lower	Upper
43	100		
72	6.4	20.2	30.4#



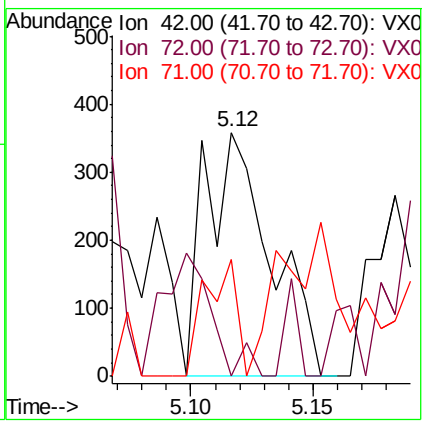


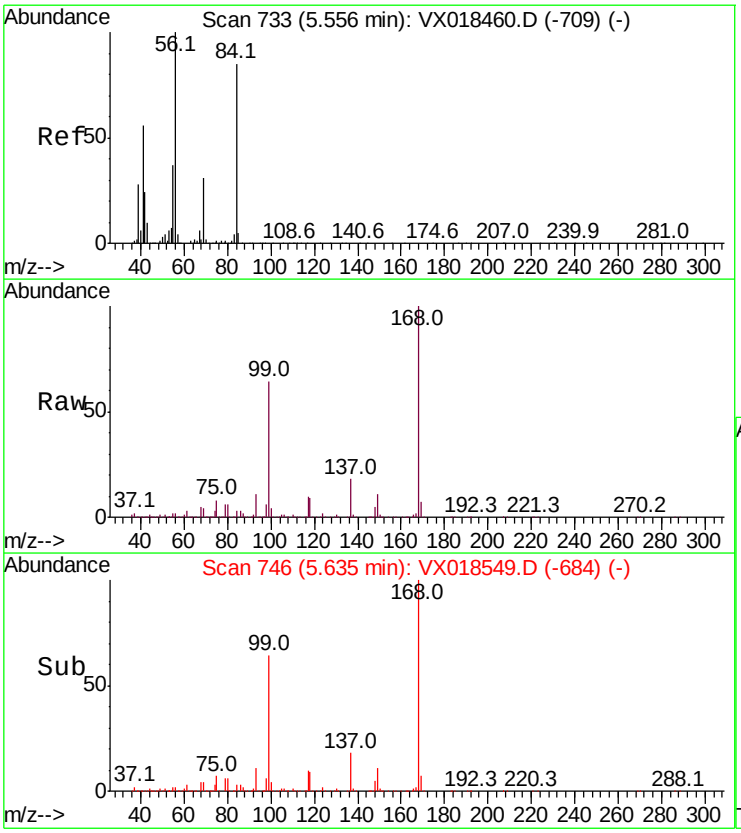
#29
Tetrahydrofuran
Concen: 0.273 ug/l
RT: 5.12 min Scan# 661
Delta R.T. 0.03 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20200917

Tgt Ion: 42 Resp: 666

Ion	Ratio	Lower	Upper
42	100		
72	37.8	34.3	51.5
71	23.3	32.1	48.1#

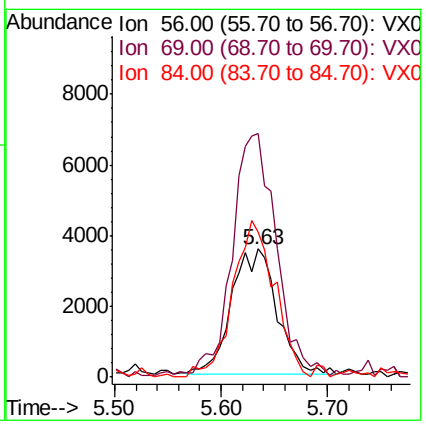


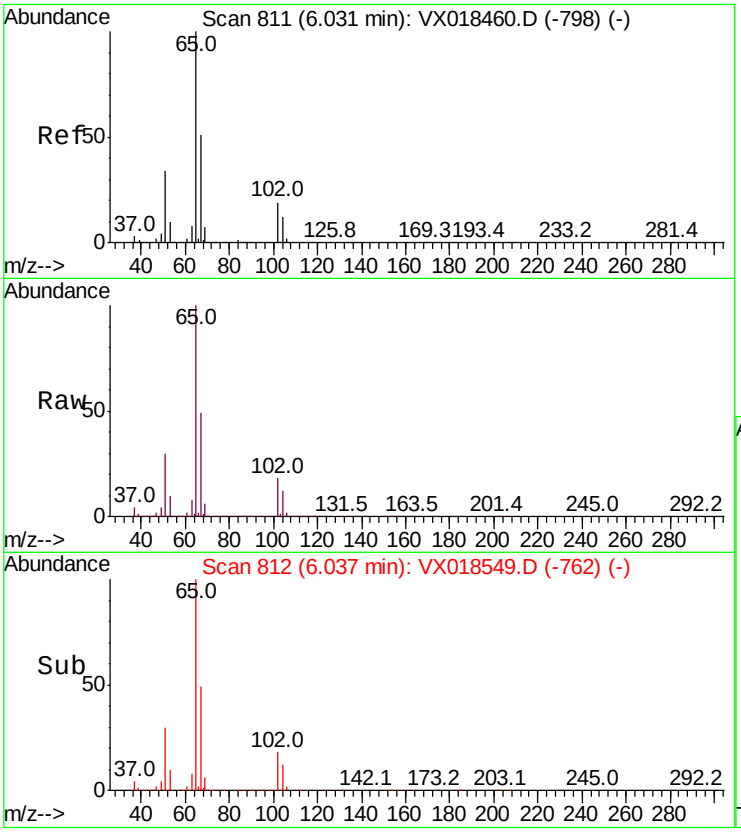


#31
Cyclohexane
Concen: 1.338 ug/l
RT: 5.63 min Scan# 746
Delta R.T. 0.08 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Tgt Ion: 56 Resp: 10503

Ion	Ratio	Lower	Upper
56	100		
69	192.8	24.8	37.2#
84	116.2	67.6	101.4#



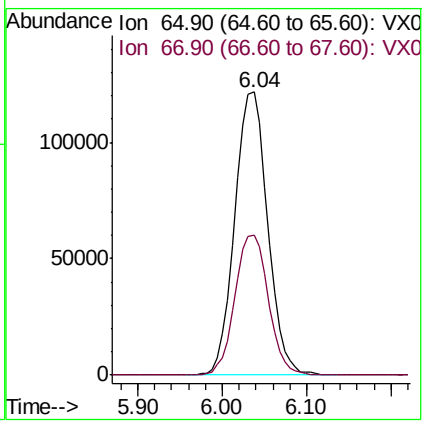


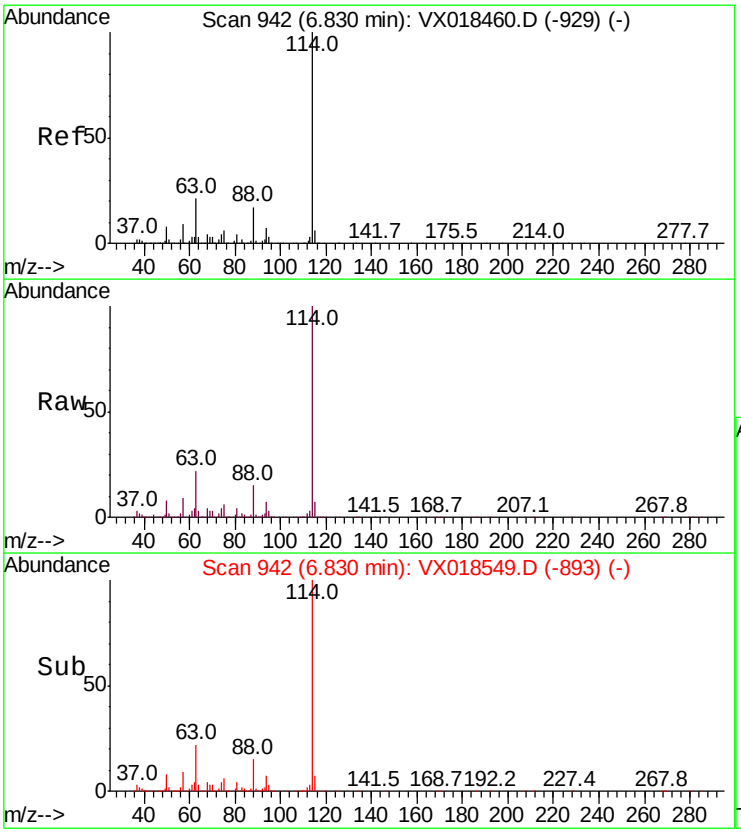
#33
1,2-Dichloroethane-d4
Concen: 49.270 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20200917

Tgt Ion: 65 Resp: 319642

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	105.6

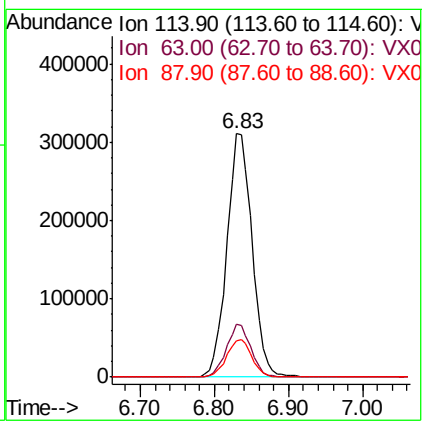


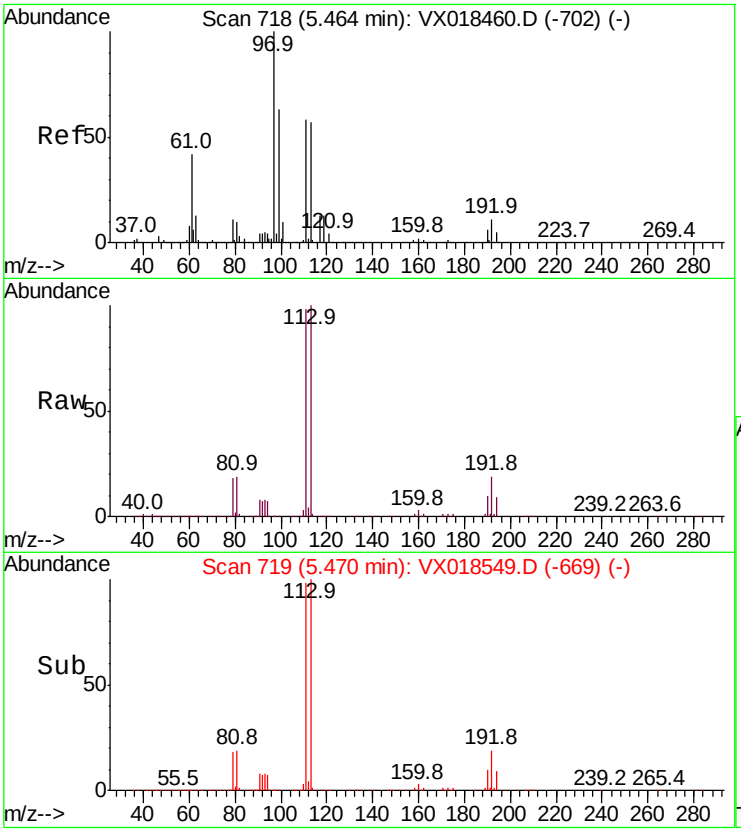


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Tgt Ion:114 Resp: 736316

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	42.8
88	14.9	0.0	33.6



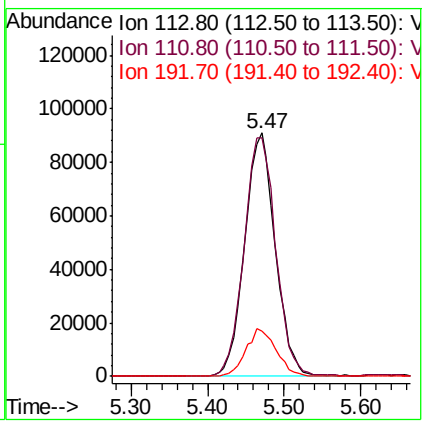


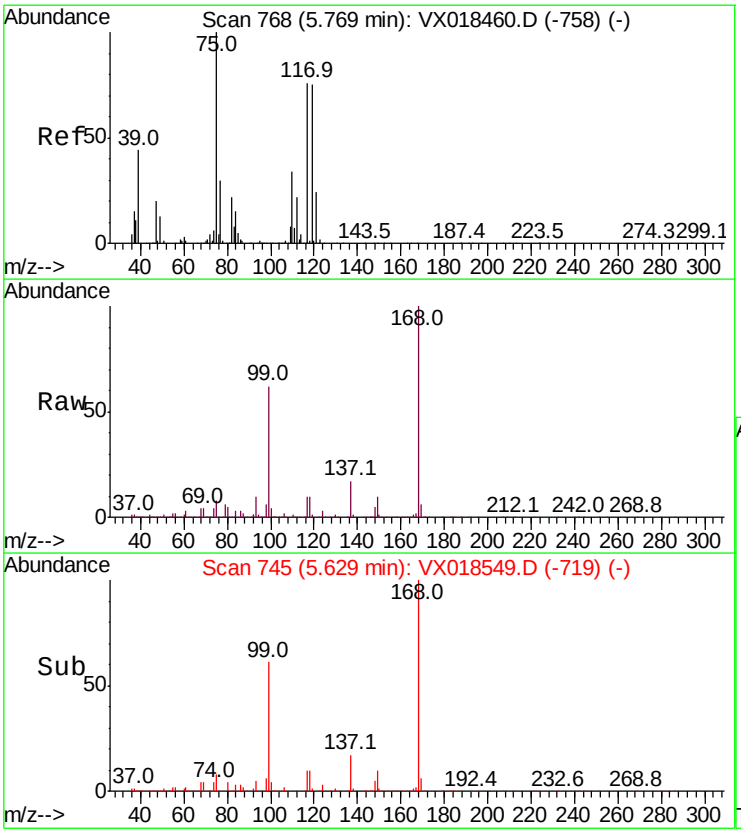
#35
Dibromofluoromethane
Concen: 49.781 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20200917

Tgt Ion:113 Resp: 253398

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.2
192	19.4	16.6	24.8

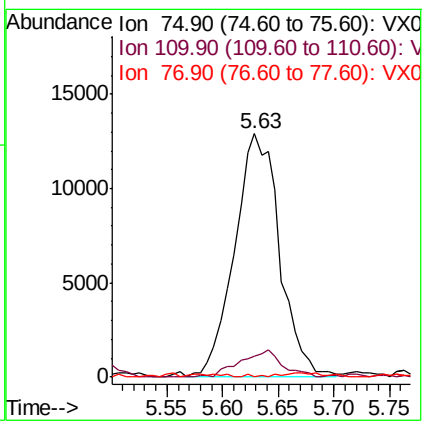


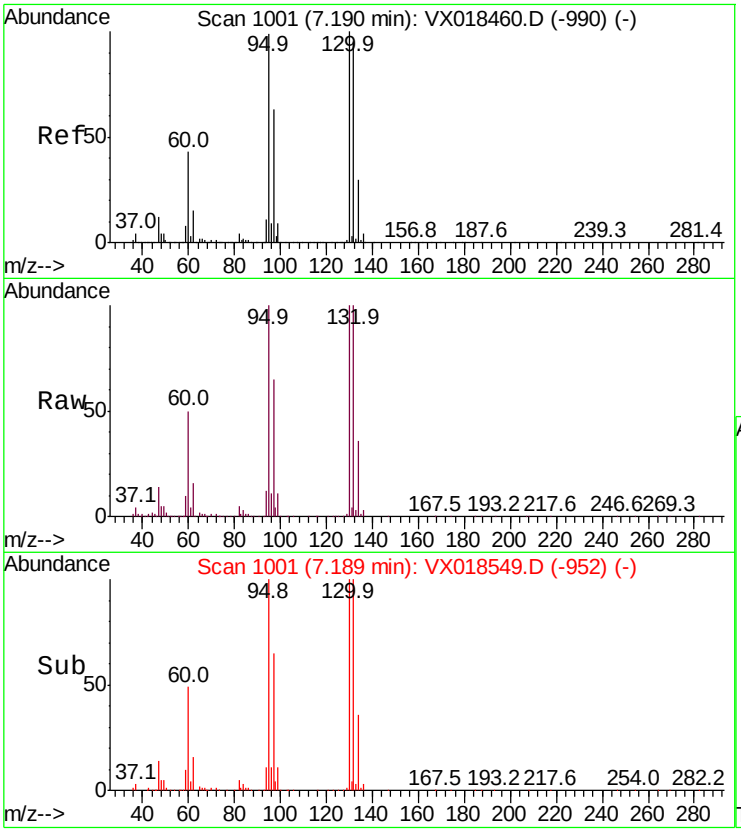


#36
1,1-Dichloropropene
Concen: 5.090 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Tgt Ion: 75 Resp: 36374

Ion	Ratio	Lower	Upper
75	100		
110	10.4	17.6	52.8#
77	0.1	25.0	37.6#



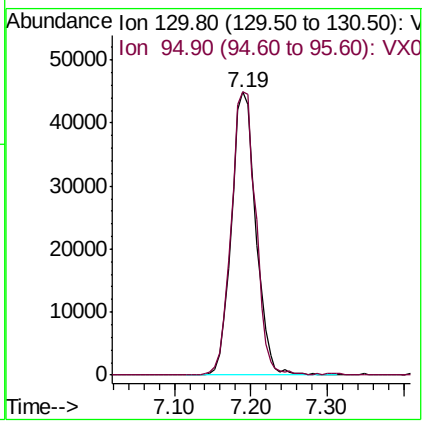


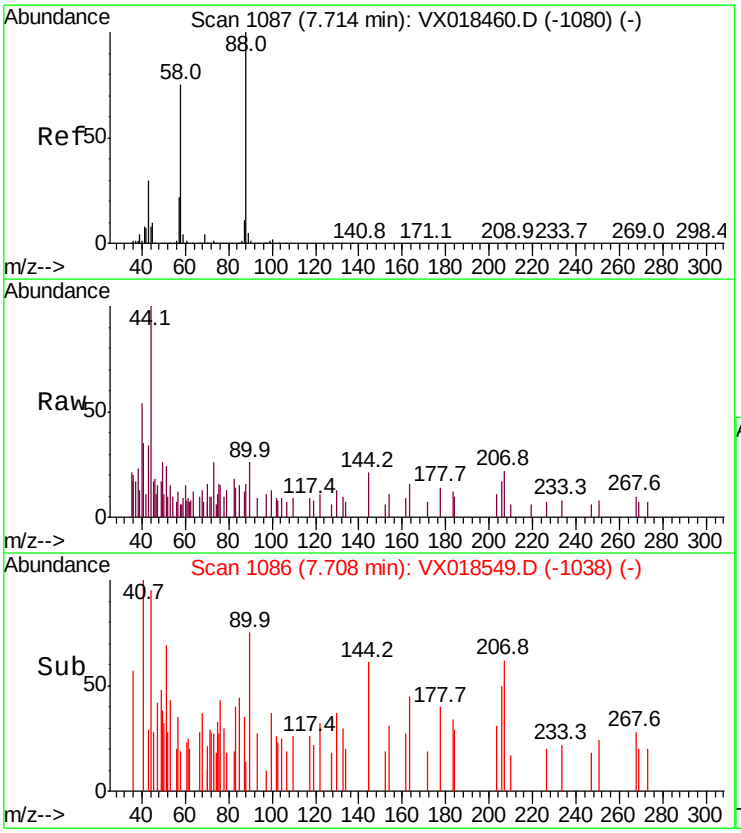
#44
Trichloroethene
Concen: 16.712 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20200917

Tgt Ion:130 Resp: 99088

Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	197.4

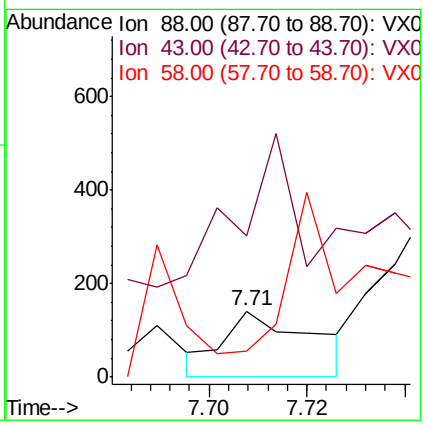


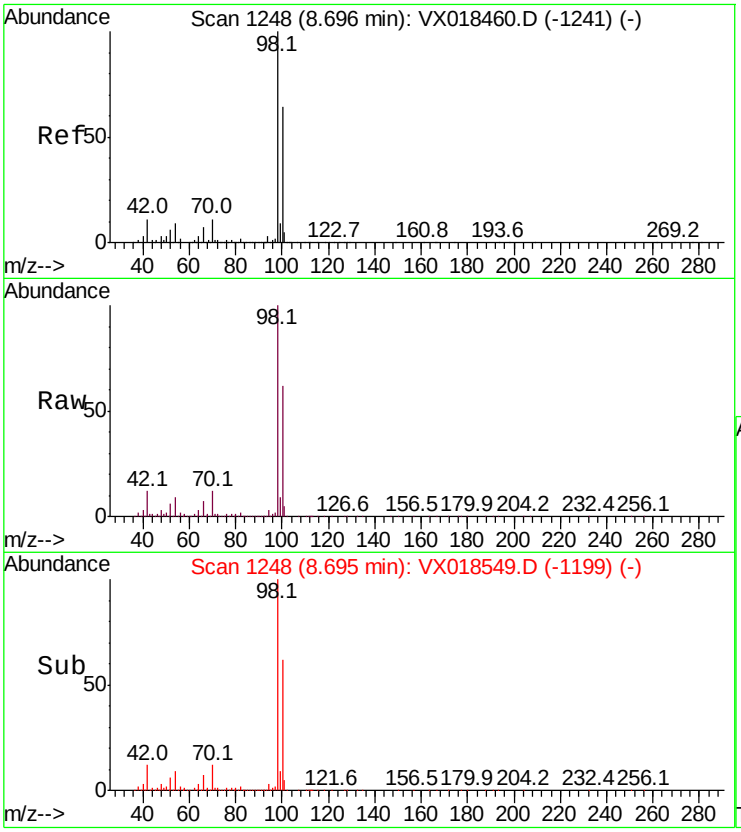


#49
1,4-Dioxane
Concen: 1.728 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Tgt Ion: 88 Resp: 176

Ion	Ratio	Lower	Upper
88	100		
43	346.0	29.9	44.9#
58	186.4	59.0	88.6#



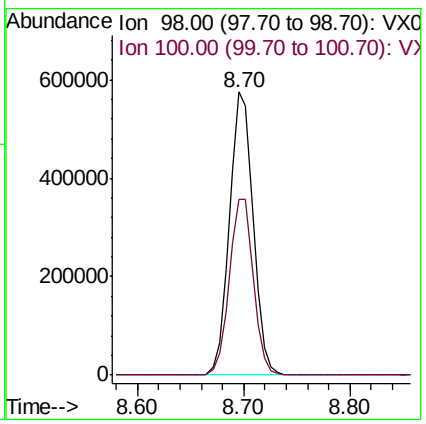


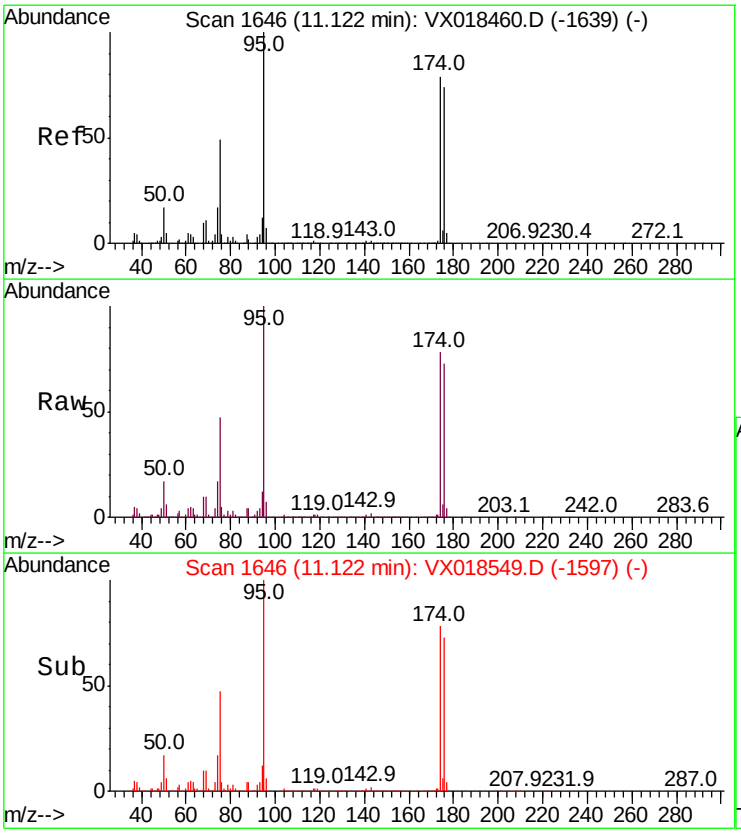
#50
Toluene-d8
Concen: 48.690 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20200917

Tgt Ion: 98 Resp: 900509

Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.7	77.5

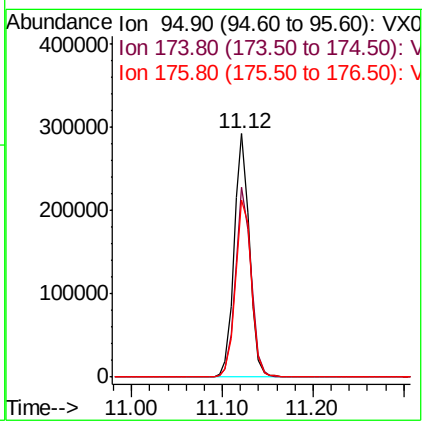


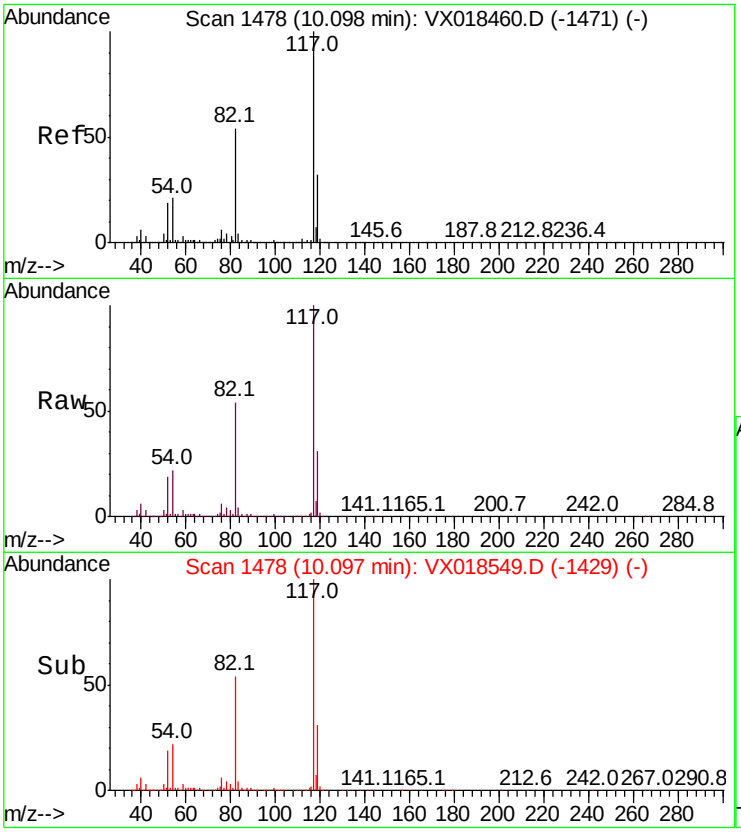


#62
4-Bromofluorobenzene
Concen: 46.257 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Tgt Ion: 95 Resp: 340302

Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	161.4
176	76.1	0.0	151.4



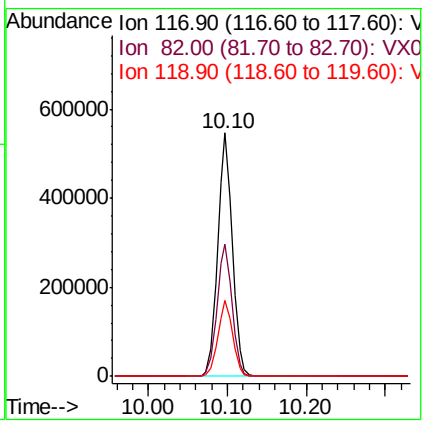


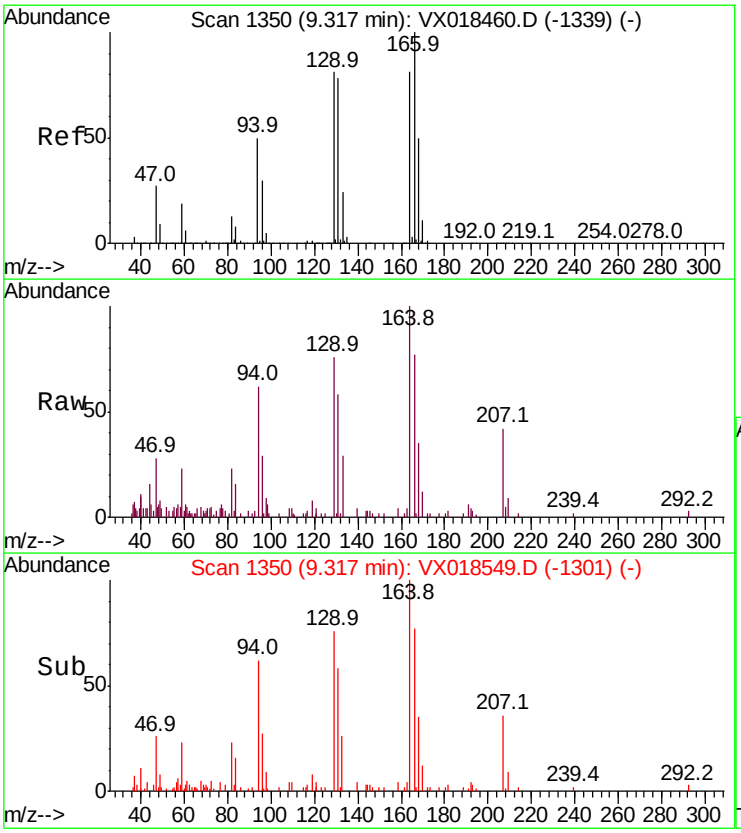
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Instrument : MSVOA_X
ClientSampleId : RE109D1-20200917

Tgt Ion:117 Resp: 707542

Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.3	64.9
119	30.9	25.9	38.9

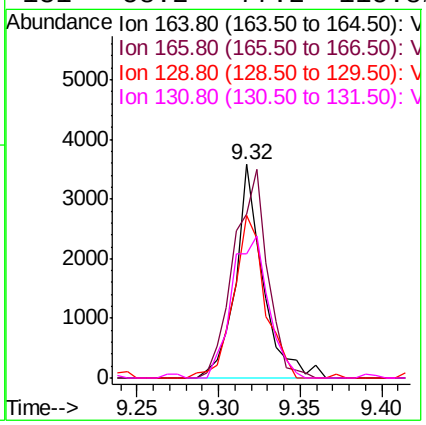


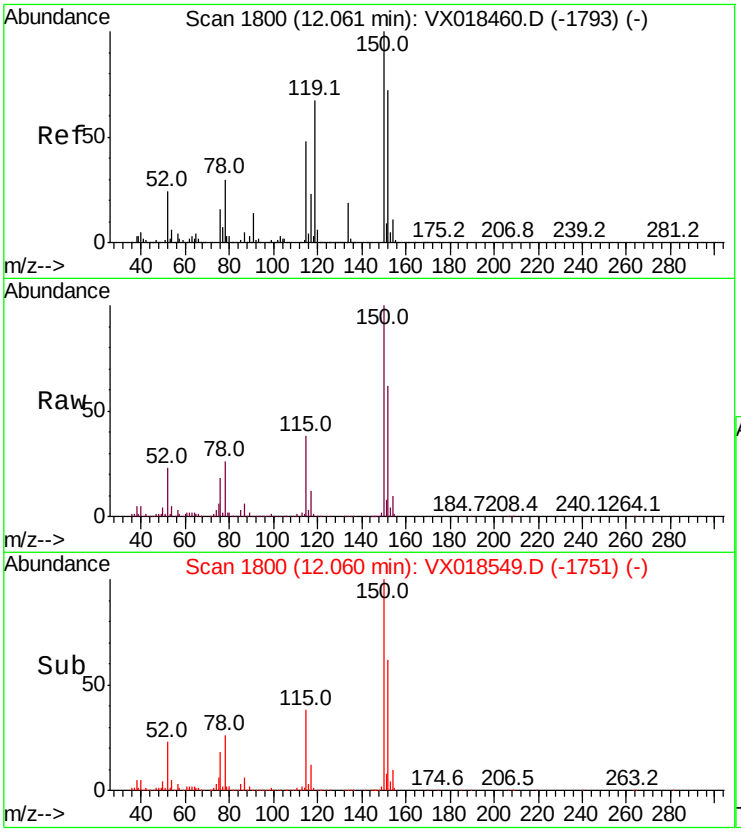


#64
Tetrachloroethene
Concen: 0.748 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Tgt Ion:164 Resp: 4167

Ion	Ratio	Lower	Upper
164	100		
166	76.7	99.3	148.9#
129	76.1	80.7	121.1#
131	58.2	77.2	115.8#



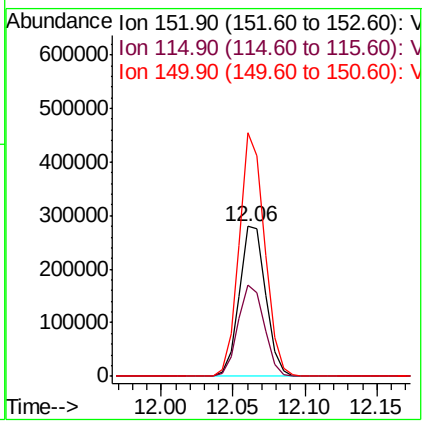


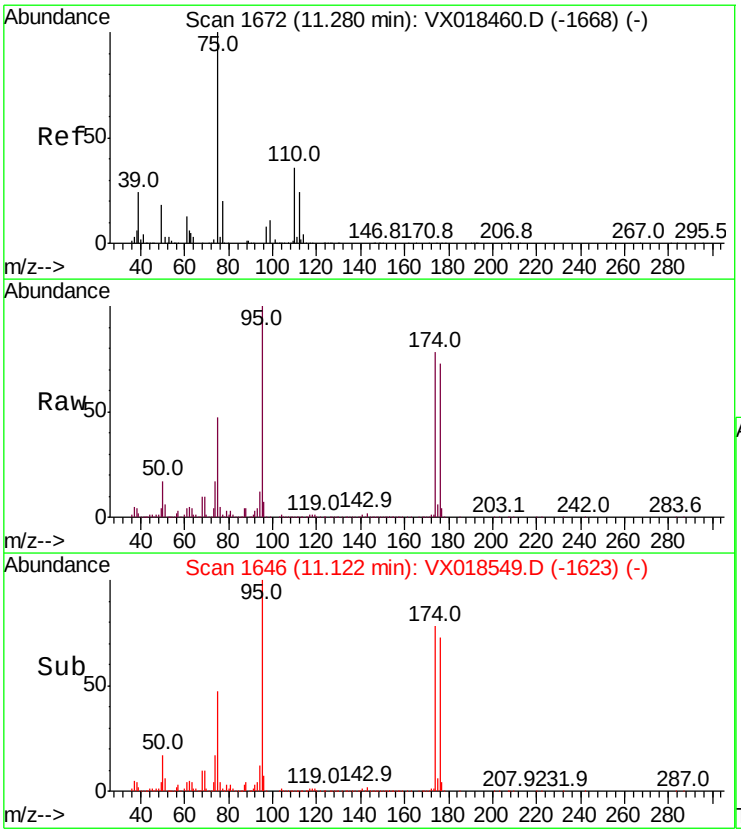
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20200917

Tgt Ion:152 Resp: 354821

Ion	Ratio	Lower	Upper
152	100		
115	61.1	41.8	125.4
150	157.4	0.0	342.4

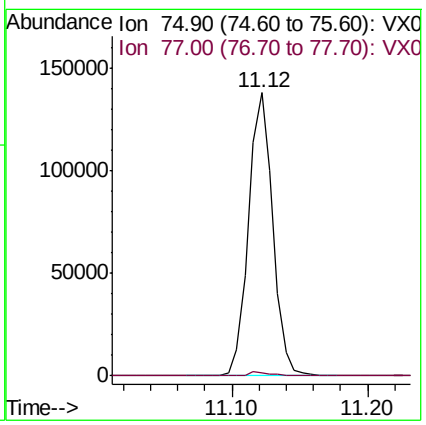


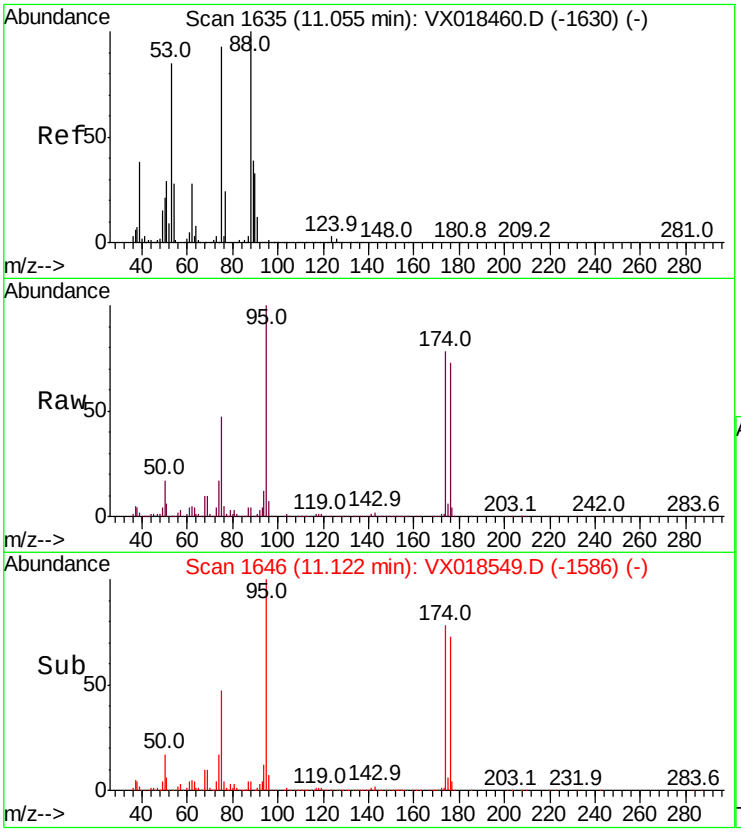


#76
1,2,3-Trichloropropane
Concen: 23.199 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Tgt Ion: 75 Resp: 172981

Ion	Ratio	Lower	Upper
75	100		
77	1.6	20.9	62.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 59.448 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX018549.D
Acq: 23 Sep 2020 21:00

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20200917

Tgt Ion: 75 Resp: 172981

Ion	Ratio	Lower	Upper
75	100		
53	0.5	74.6	111.8#
89	0.1	36.2	54.4#