Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
Data File : VX019834.D
Acq On : 10 Dec 2020 18:36
Operator : JC/MD
Sample : L4996-22
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE135D3-20201208

Quant Time: Dec 11 00:53:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	309412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	516704	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	466521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195258	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	197545	48.58	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 97.16%			
35) Dibromofluoromethane	5.46	113	160400	48.03	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.06%			
50) Toluene-d8	8.70	98	620919	48.70	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.40%			
62) 4-Bromofluorobenzene	11.12	95	211792	43.65	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 87.30%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	554	0.475	ug/l	86
6) Chloroethane	1.70	64	521	0.247	ug/l #	43
9) 1,1,2-Trichlorotrifluoroet	2.37	101	23386	8.340	ug/l	97
11) Tert butyl alcohol	3.00	59	867	Below Cal	#	73
12) 1,1-Dichloroethene	2.36	96	1821	0.642	ug/l	82
16) Acetone	2.42	43	1555	1.017	ug/l	88
20) Methylene Chloride	2.83	84	563	Below Cal	#	89
24) 1,1-Dichloroethane	3.67	63	2289	0.392	ug/l #	92
27) cis-1,2-Dichloroethene	4.56	96	13389	3.462	ug/l	94
31) Cyclohexane	5.62	56	5839	1.154	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	23339	4.999	ug/l #	49
38) Carbon Tetrachloride	5.62	117	30083	6.579	ug/l #	16
42) 1,2-Dichloroethane	6.16	62	1392	0.286	ug/l	93
44) Trichloroethene	7.18	130	53805	14.378	ug/l	99
45) 1,2-Dichloropropane	7.49	63	11877	3.332	ug/l	97
48) Methyl methacrylate	7.48	41	6029	1.599	ug/l #	27
60) Dibromochloromethane	9.32	129	51489	14.098	ug/l #	11
64) Tetrachloroethene	9.32	164	54601	17.452	ug/l	98
76) 1,2,3-Trichloropropane	11.12	75	102337	23.368	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	102337	67.554	ug/l #	12

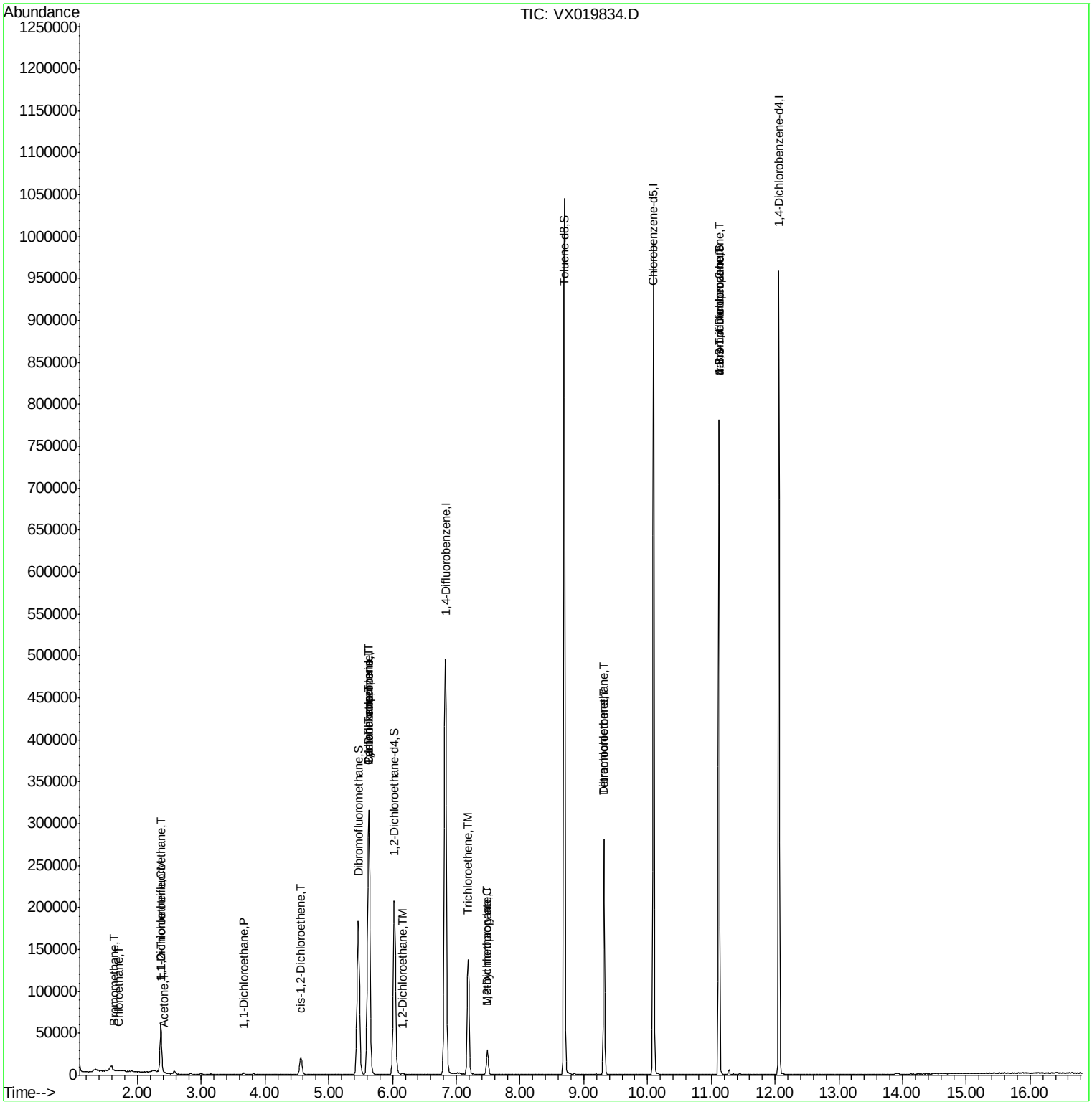
(#) = qualifier out of range (m) = manual integration (+) = signals summed

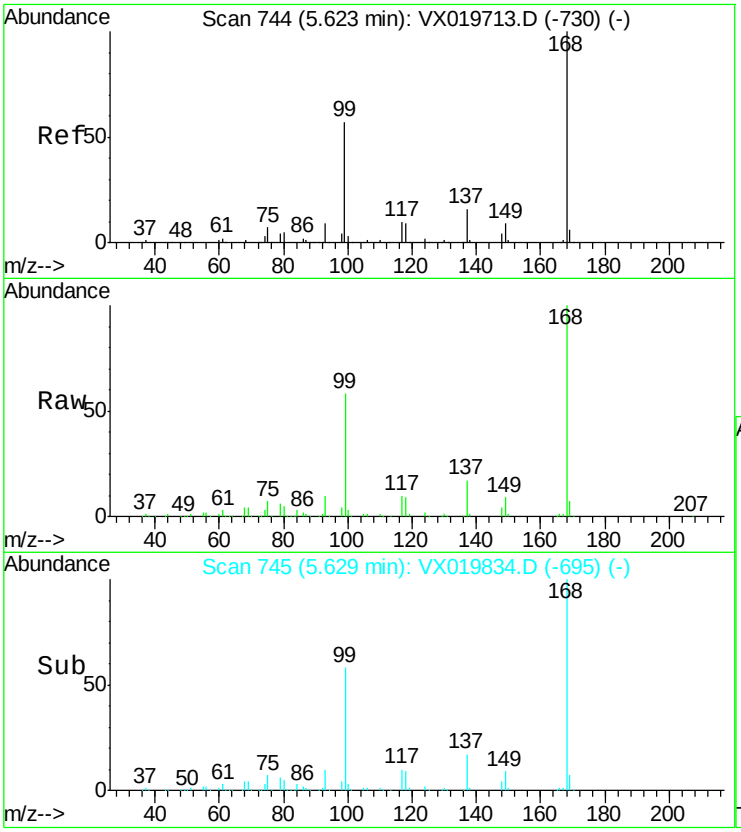
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
Data File : VX019834.D
Acq On : 10 Dec 2020 18:36
Operator : JC/MD
Sample : L4996-22
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208

Quant Time: Dec 11 00:53:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration



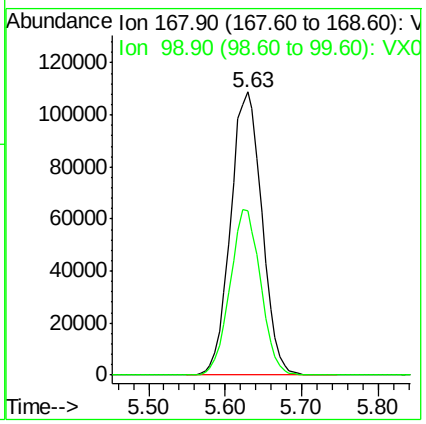


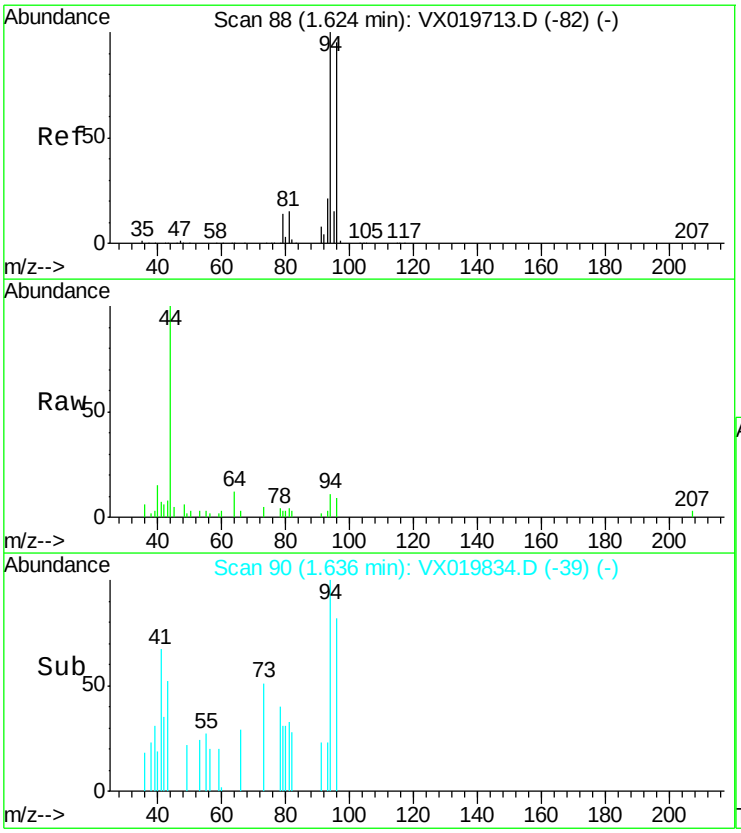
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208

Tgt Ion:168 Resp: 309412

Ion	Ratio	Lower	Upper
168	100		
99	58.0	45.8	68.6

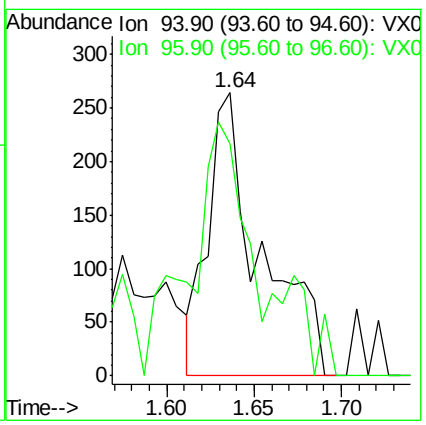


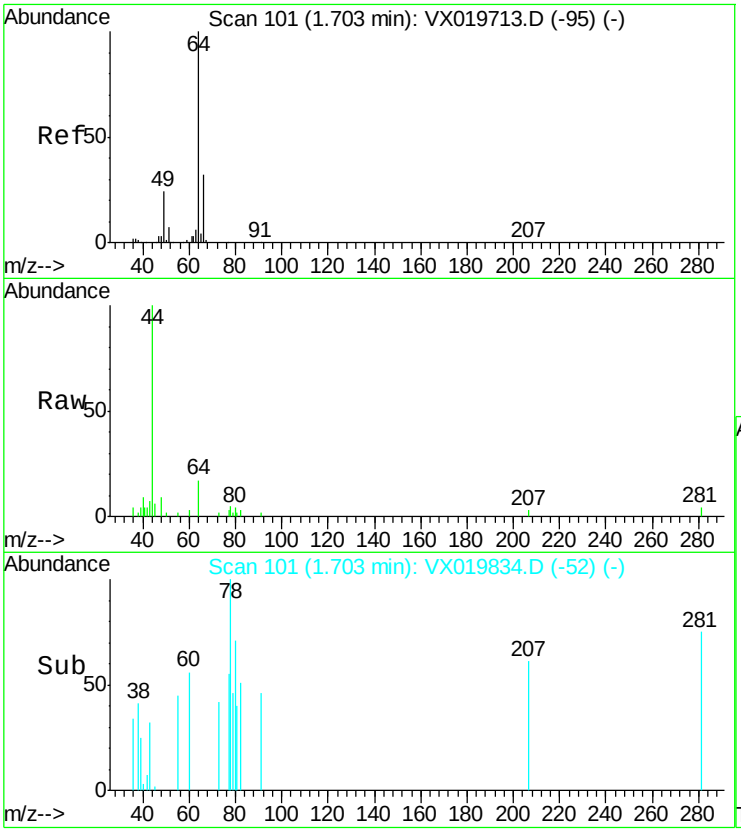


#5
Bromomethane
Concen: 0.475 ug/l
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Tgt Ion: 94 Resp: 554

Ion	Ratio	Lower	Upper
94	100		
96	82.2	76.4	114.6



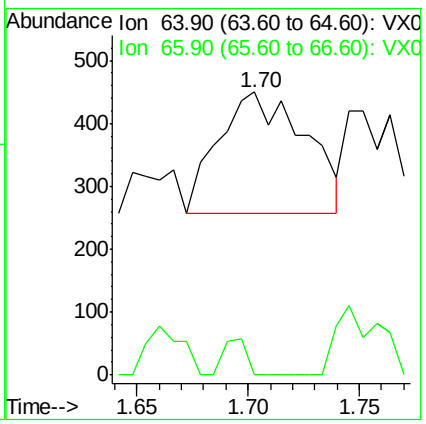


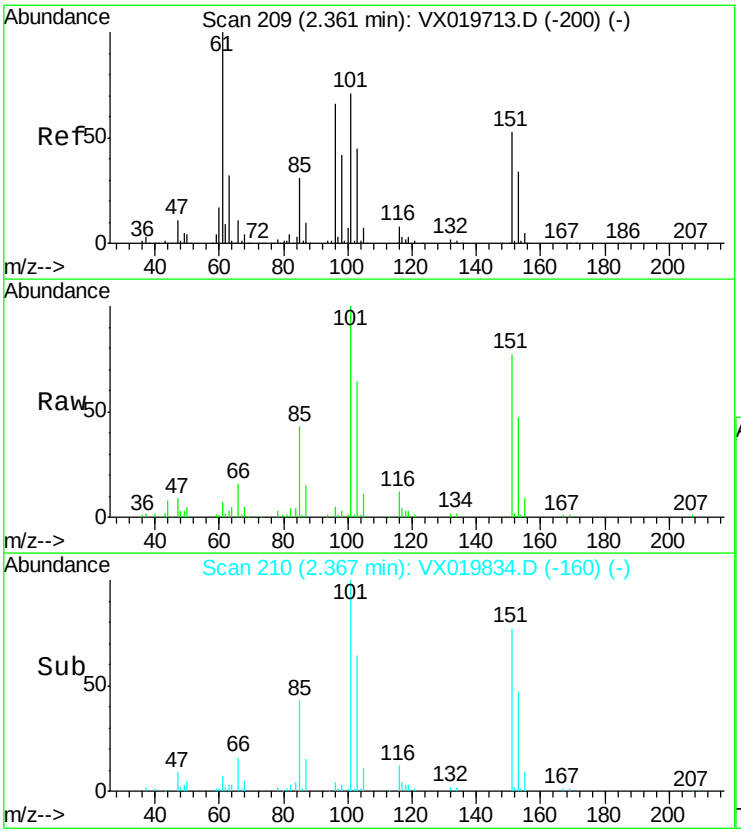
#6
Chloroethane
Concen: 0.247 ug/l
RT: 1.70 min Scan# 101
Delta R.T. 0.00 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208

Tgt Ion: 64 Resp: 521

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.0#

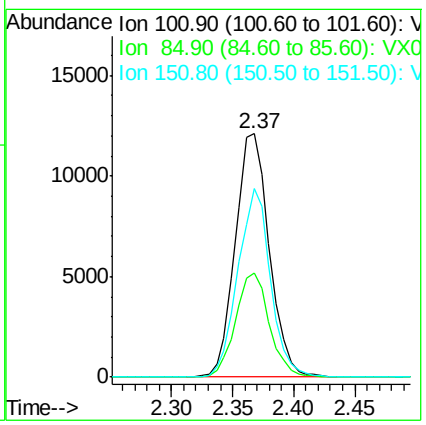


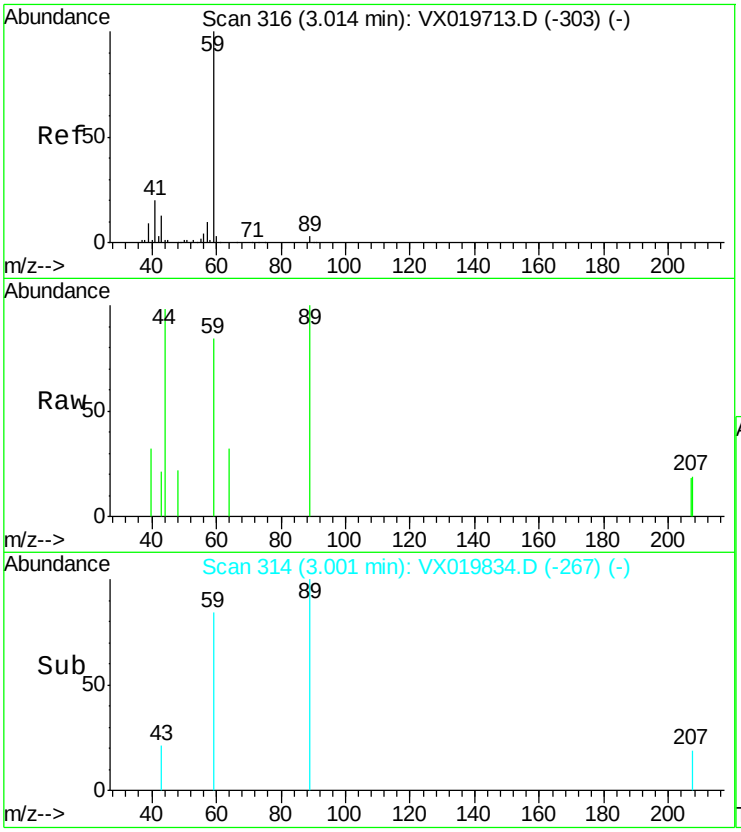


#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.340 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Tgt Ion:101 Resp: 23386

Ion	Ratio	Lower	Upper
101	100		
85	42.4	34.9	52.3
151	74.2	61.4	92.2



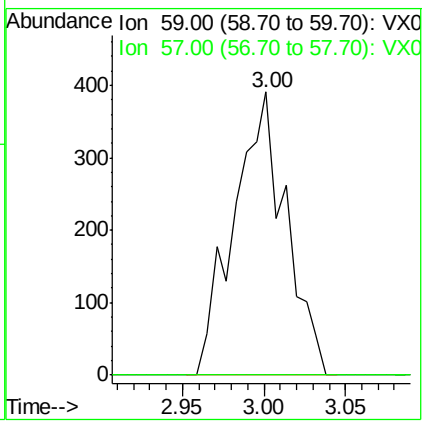


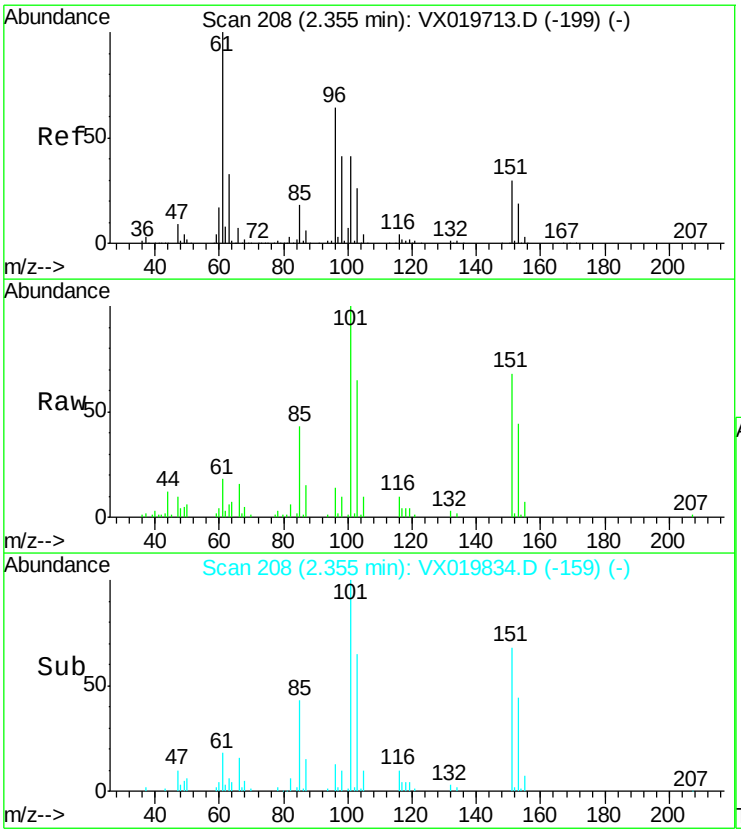
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Instrument : MSVOA_X
ClientSampleId : RE135D3-20201208

Tgt Ion: 59 Resp: 867

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

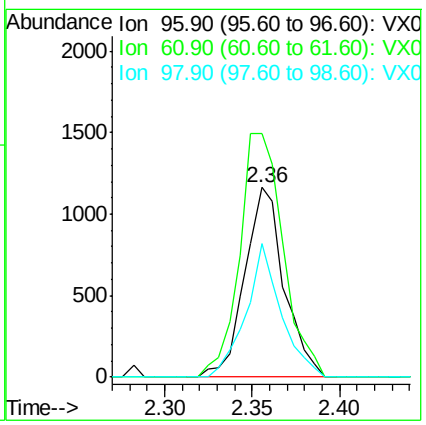


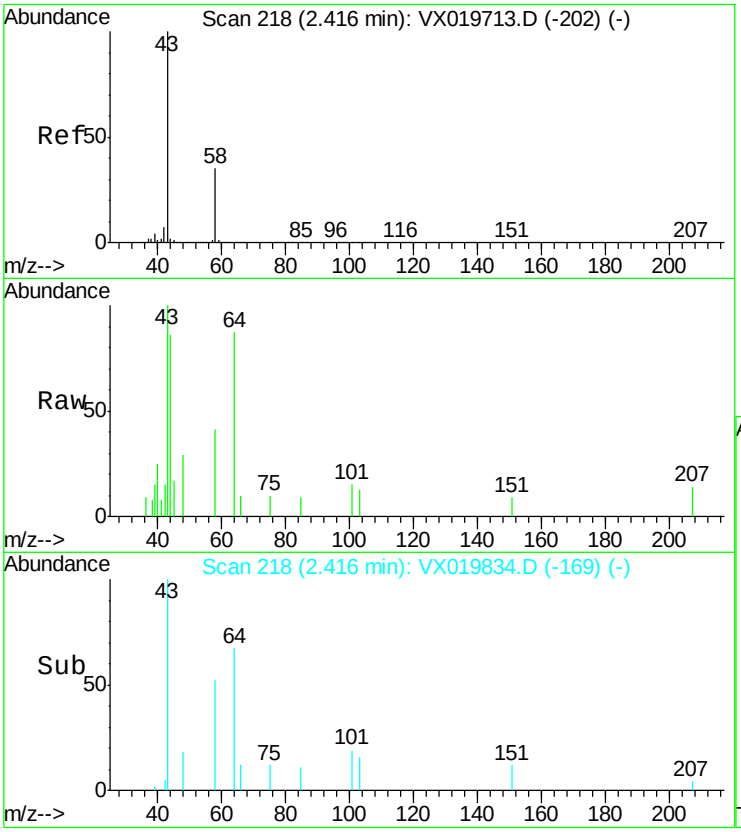


#12
1,1-Dichloroethene
Concen: 0.642 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Tgt Ion: 96 Resp: 1821

Ion	Ratio	Lower	Upper
96	100		
61	128.6	124.6	187.0
98	70.8	50.6	76.0



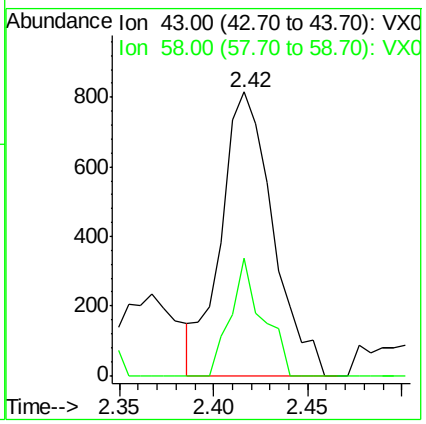


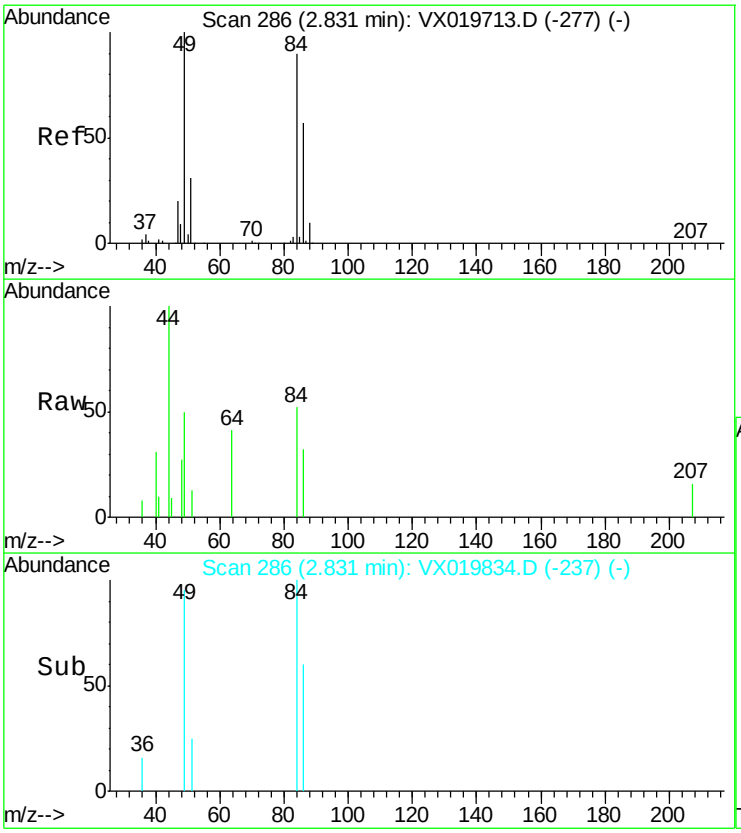
#16
Acetone
Concen: 1.017 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208

Tgt Ion: 43 Resp: 1555

Ion	Ratio	Lower	Upper
43	100		
58	41.5	27.8	41.8

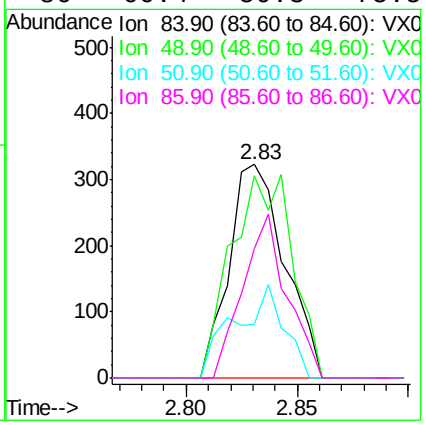


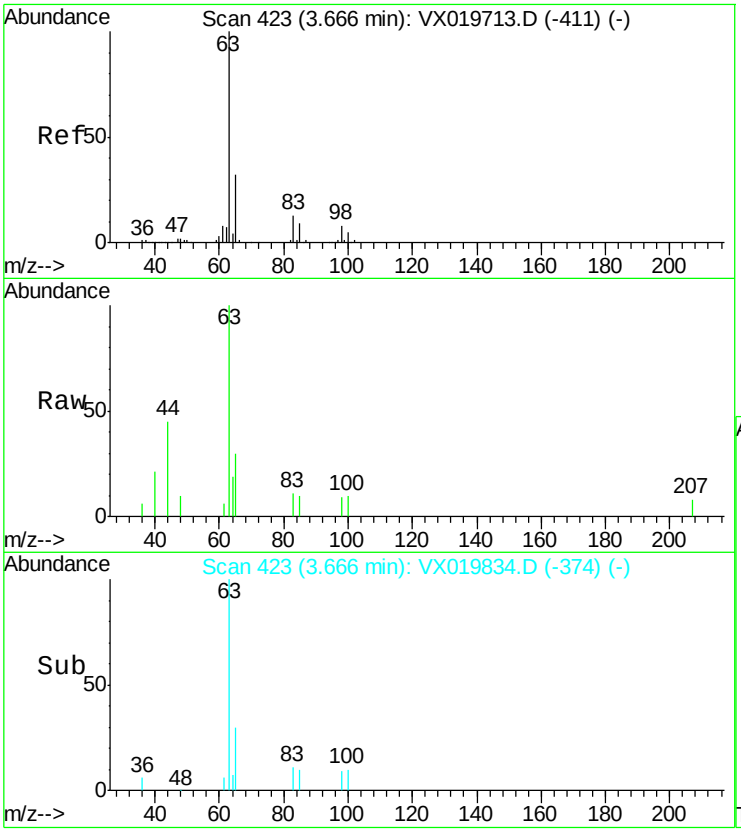


#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Tgt Ion: 84 Resp: 563

Ion	Ratio	Lower	Upper
84	100		
49	94.7	88.6	132.8
51	25.4	27.0	40.6#
86	60.4	50.3	75.5



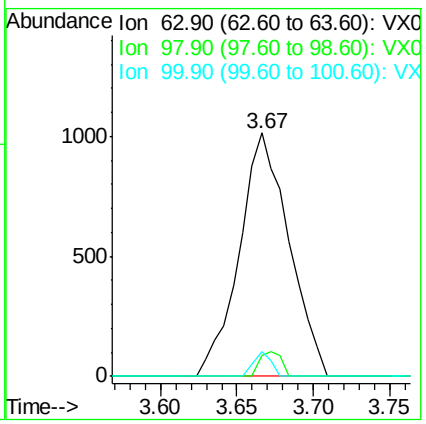


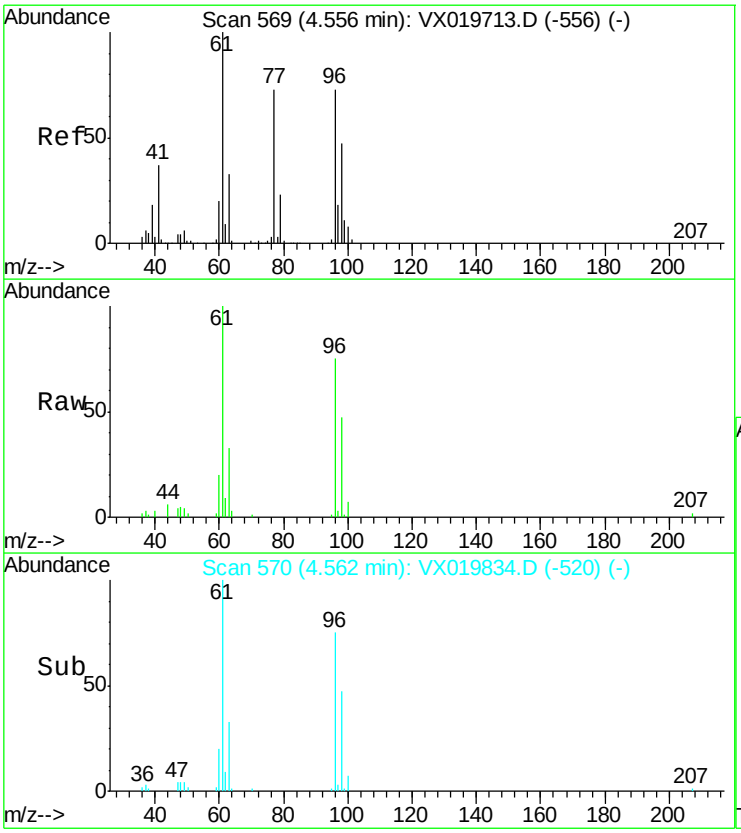
#24
1,1-Dichloroethane
Concen: 0.392 ug/l
RT: 3.67 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208

Tgt Ion: 63 Resp: 2289

Ion	Ratio	Lower	Upper
63	100		
98	8.6	3.8	11.2
100	10.2	2.5	7.5#

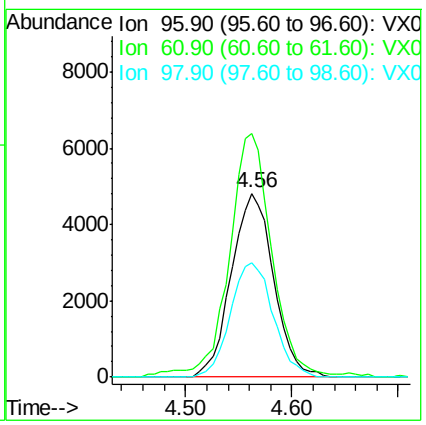


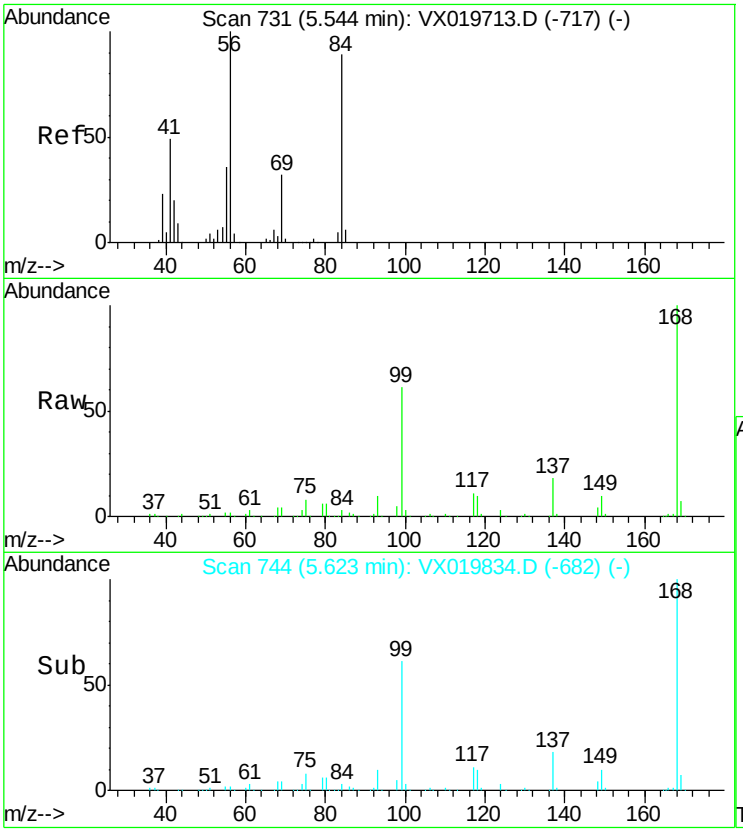


#27
cis-1,2-Dichloroethene
Concen: 3.462 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Tgt Ion: 96 Resp: 13389

Ion	Ratio	Lower	Upper
96	100		
61	134.0	0.0	285.6
98	62.7	0.0	129.6



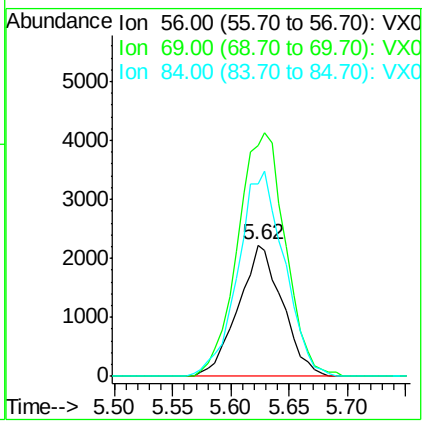


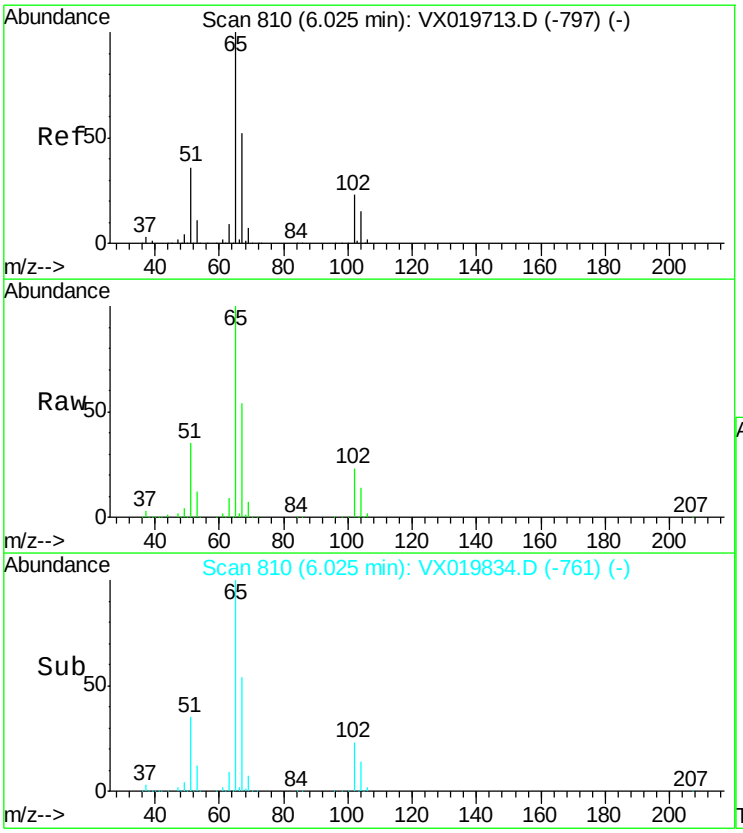
#31
Cyclohexane
Concen: 1.154 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208

Tgt Ion: 56 Resp: 5839

Ion	Ratio	Lower	Upper
56	100		
69	176.2	25.3	37.9#
84	147.4	71.4	107.0#

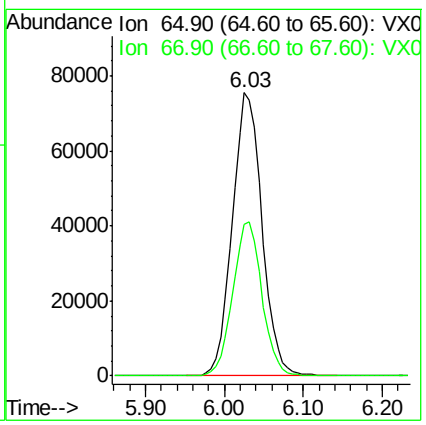


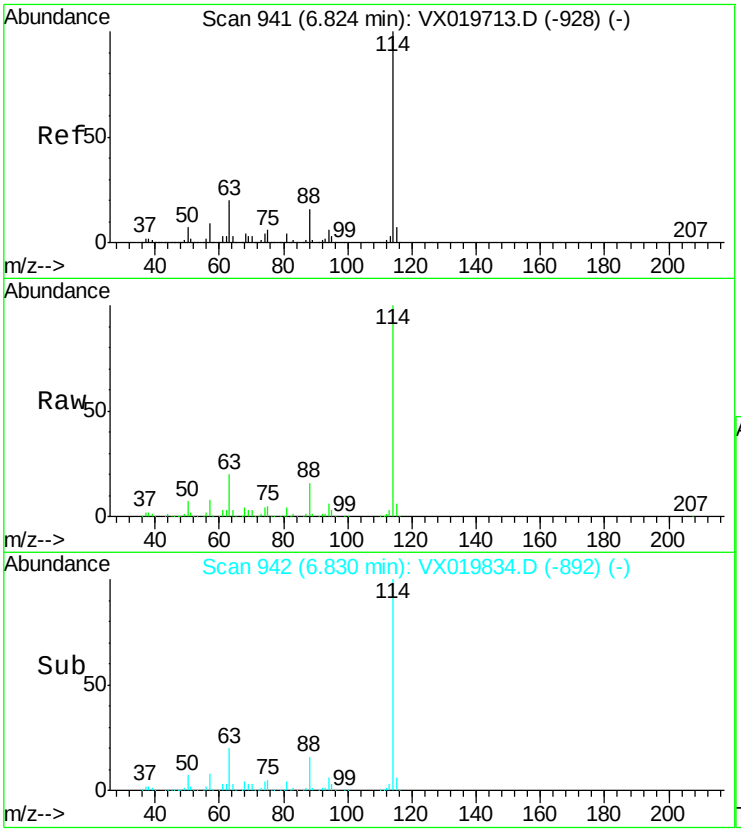


#33
1,2-Dichloroethane-d4
Concen: 48.578 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Tgt Ion: 65 Resp: 197545

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.4



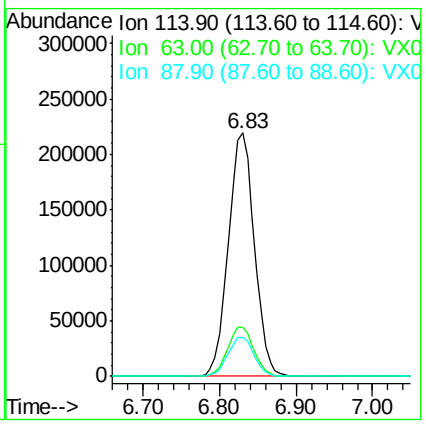


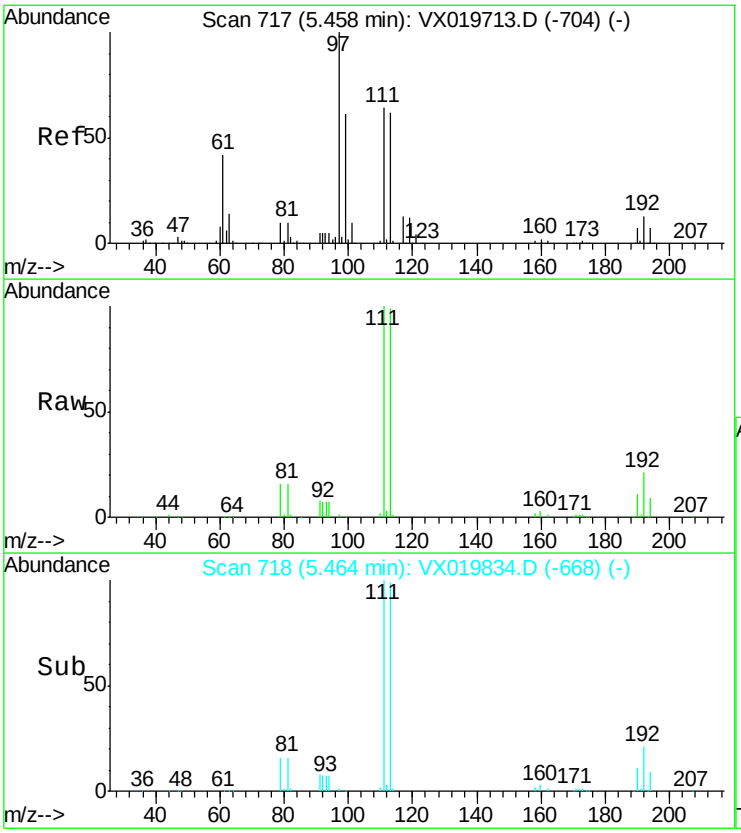
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208

Tgt Ion:114 Resp: 516704

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.8
88	16.2	0.0	32.8

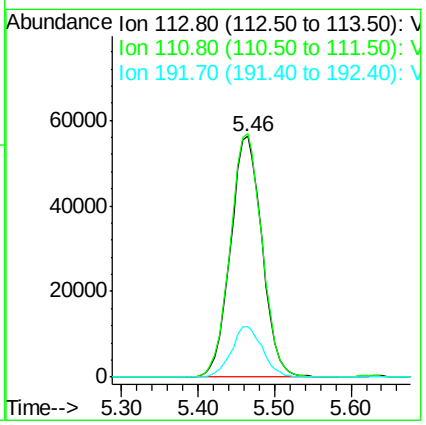


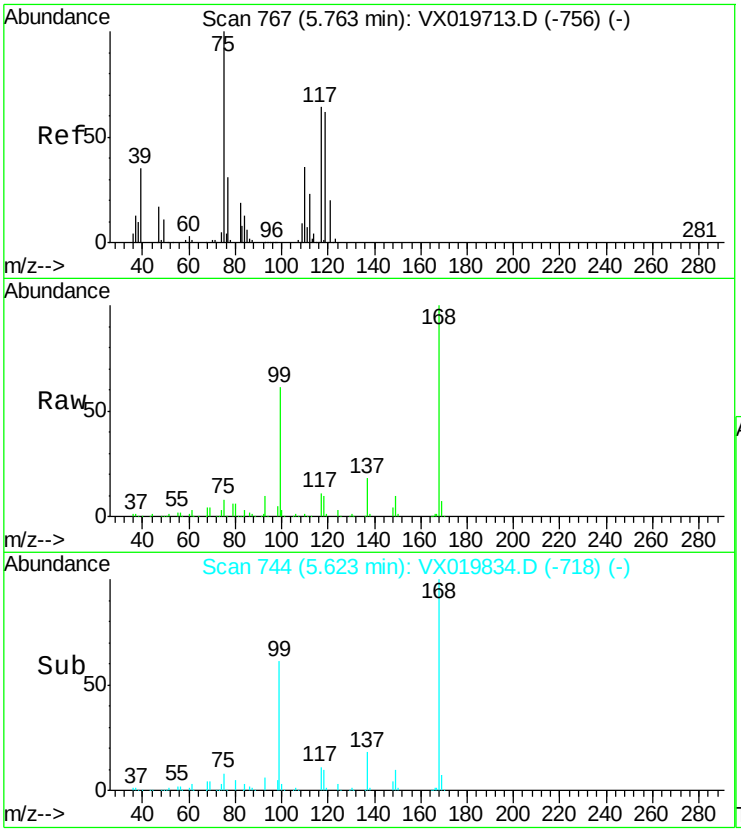


#35
Dibromofluoromethane
Concen: 48.033 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Tgt Ion:113 Resp: 160400

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.9	122.9
192	20.8	16.7	25.1



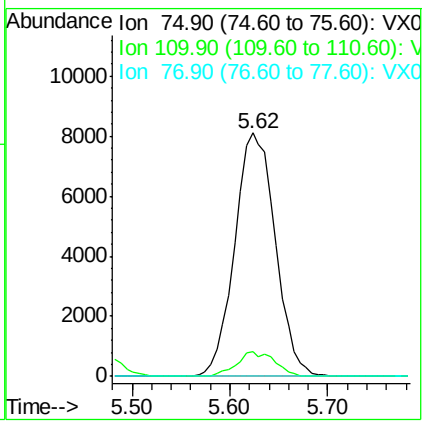


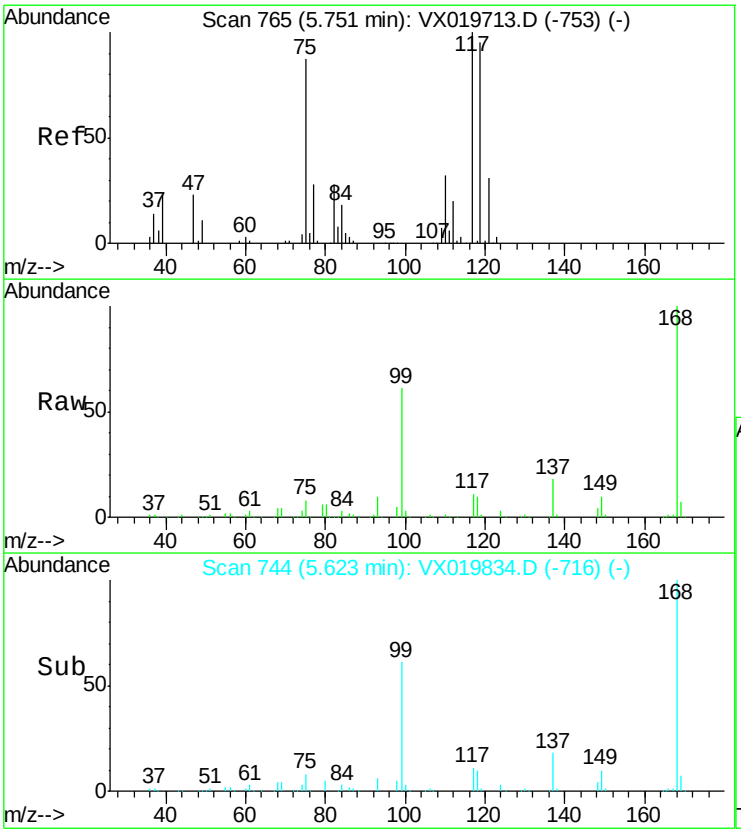
#36
1,1-Dichloropropene
Concen: 4.999 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208

Tgt Ion: 75 Resp: 23339

Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.4#
77	0.0	25.3	37.9#

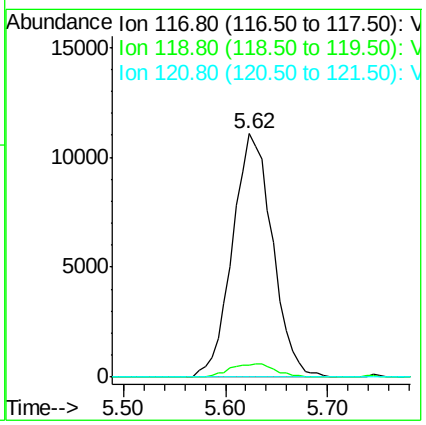


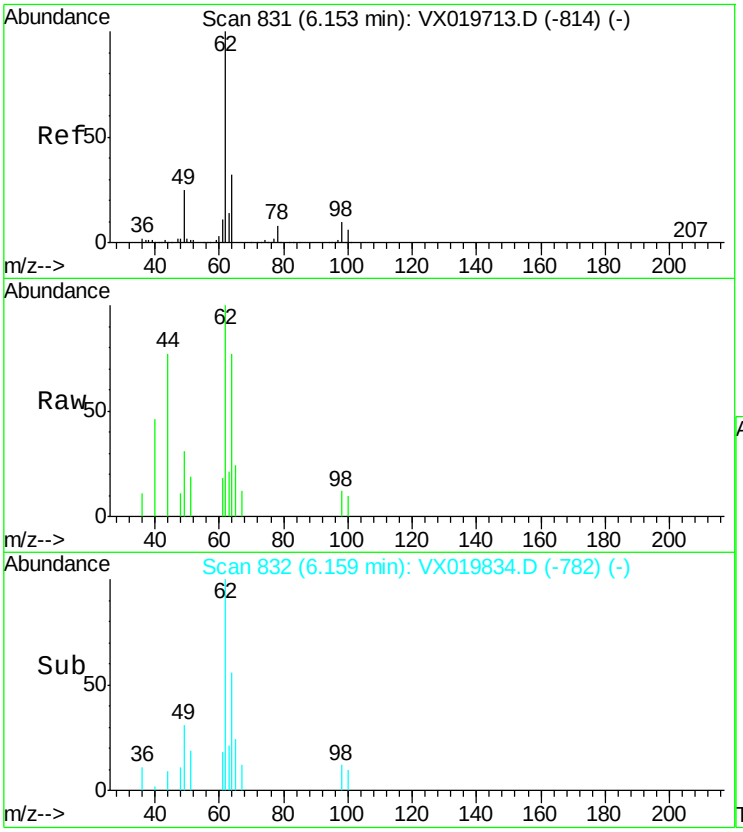


#38
Carbon Tetrachloride
Concen: 6.579 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Tgt Ion:117 Resp: 30083

Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.2	114.2#
121	0.0	24.8	37.2#



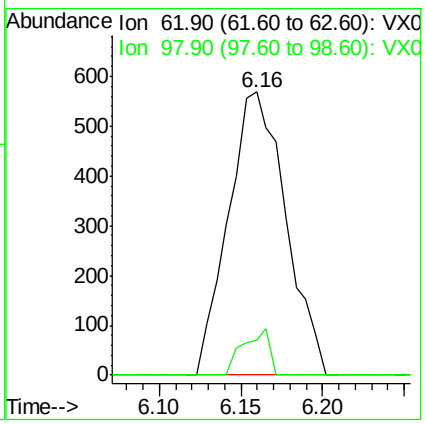


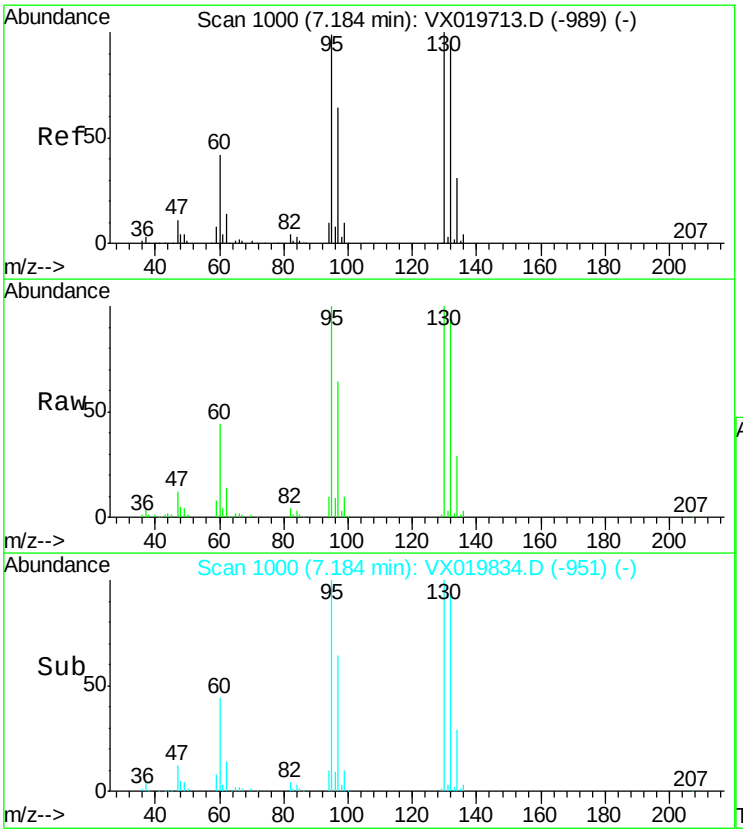
#42
1,2-Dichloroethane
Concen: 0.286 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208

Tgt Ion: 62 Resp: 1392

Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	20.2

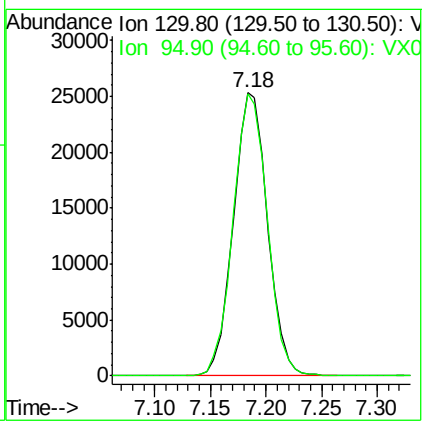


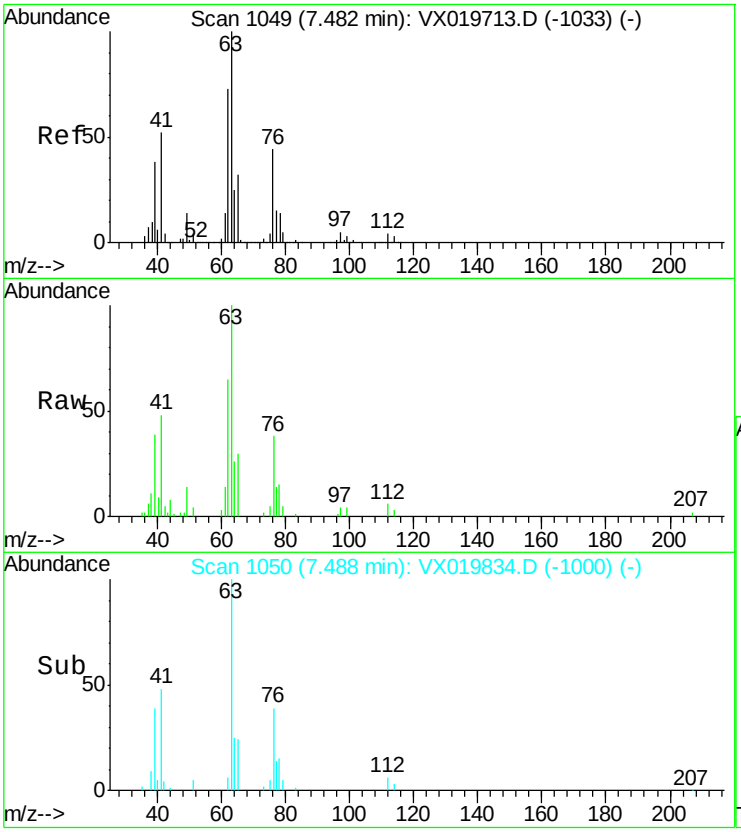


#44
Trichloroethene
Concen: 14.378 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Tgt Ion:130 Resp: 53805

Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	198.0



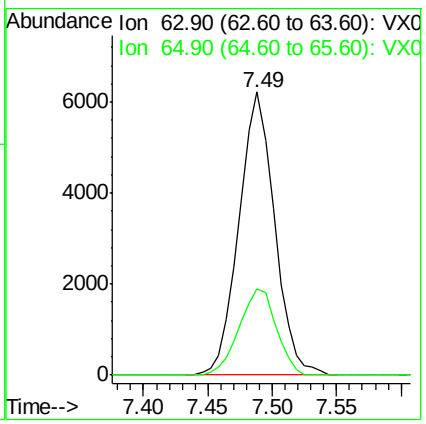


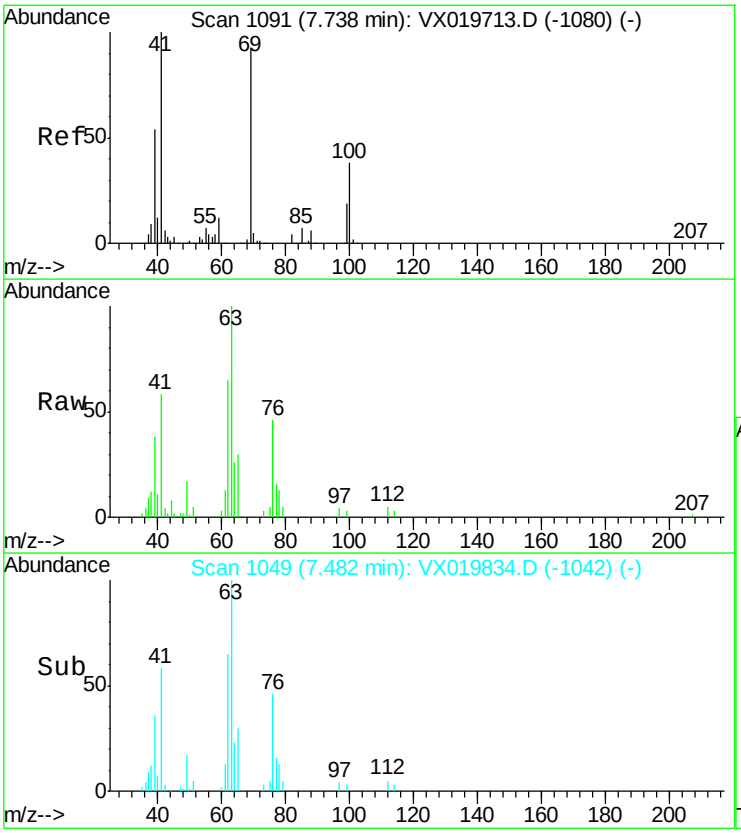
#45
1,2-Dichloropropane
Concen: 3.332 ug/l
RT: 7.49 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208

Tgt Ion: 63 Resp: 11877

Ion	Ratio	Lower	Upper
63	100		
65	30.4	25.7	38.5

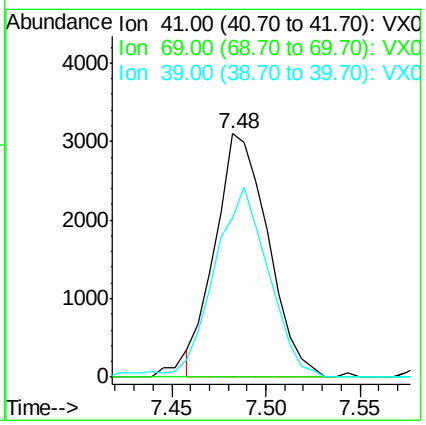


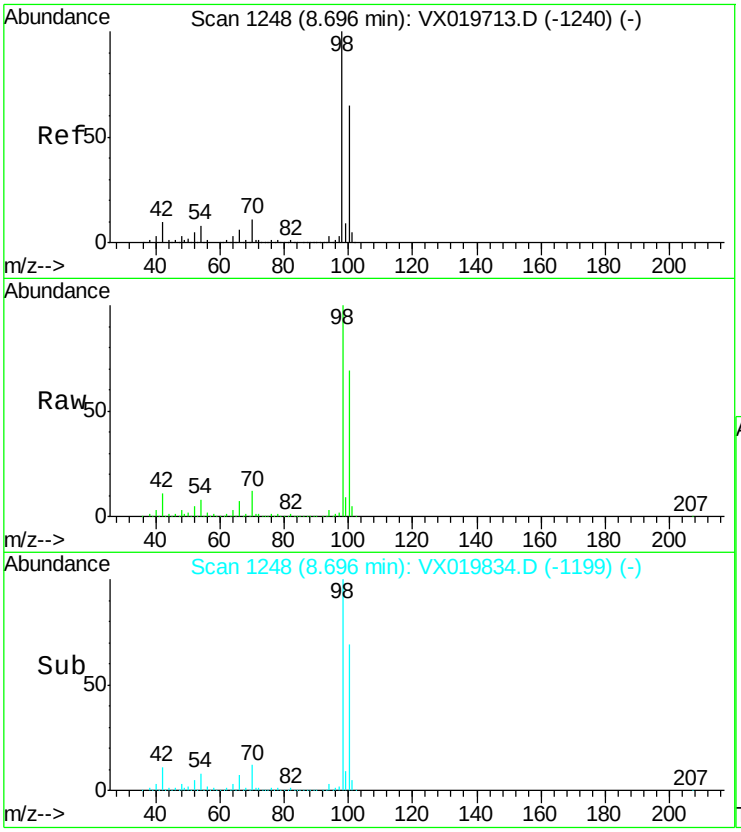


#48
Methyl methacrylate
Concen: 1.599 ug/l
RT: 7.48 min Scan# 1049
Delta R.T. -0.26 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Tgt Ion: 41 Resp: 6029

Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	77.5	44.6	67.0#



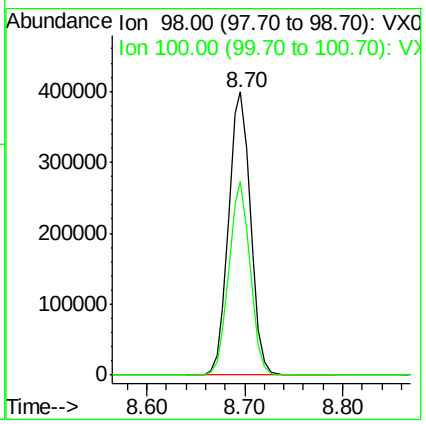


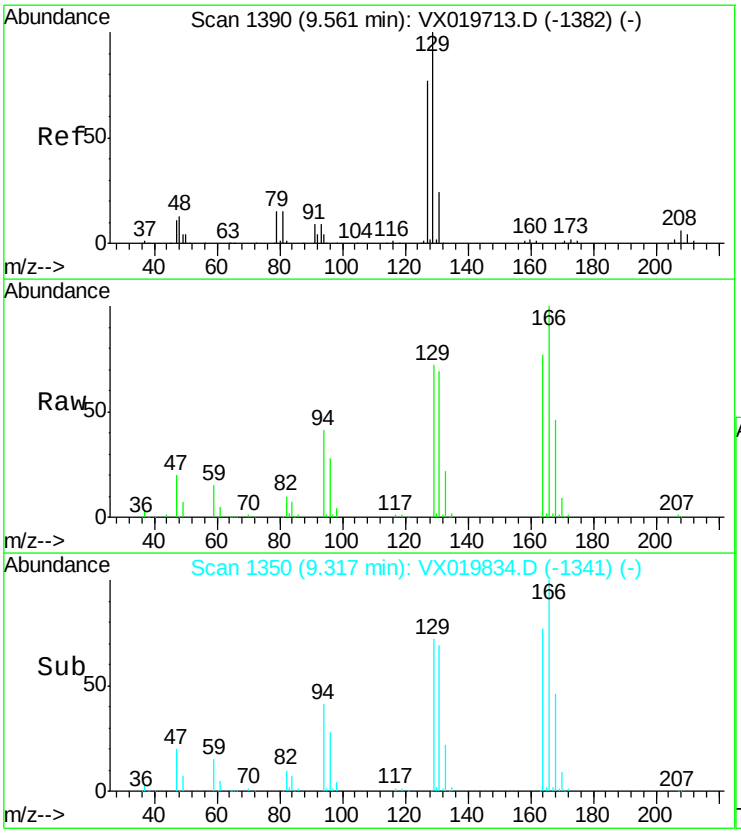
#50
Toluene-d8
Concen: 48.704 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208

Tgt Ion: 98 Resp: 620919

Ion	Ratio	Lower	Upper
98	100		
100	66.2	51.9	77.9

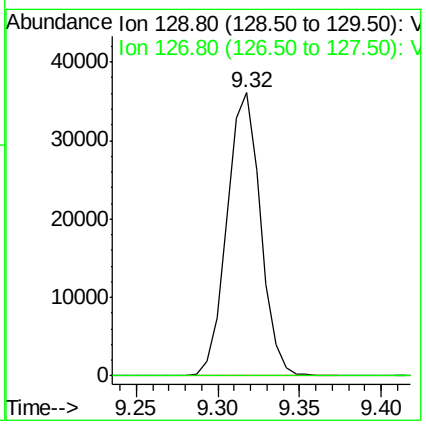


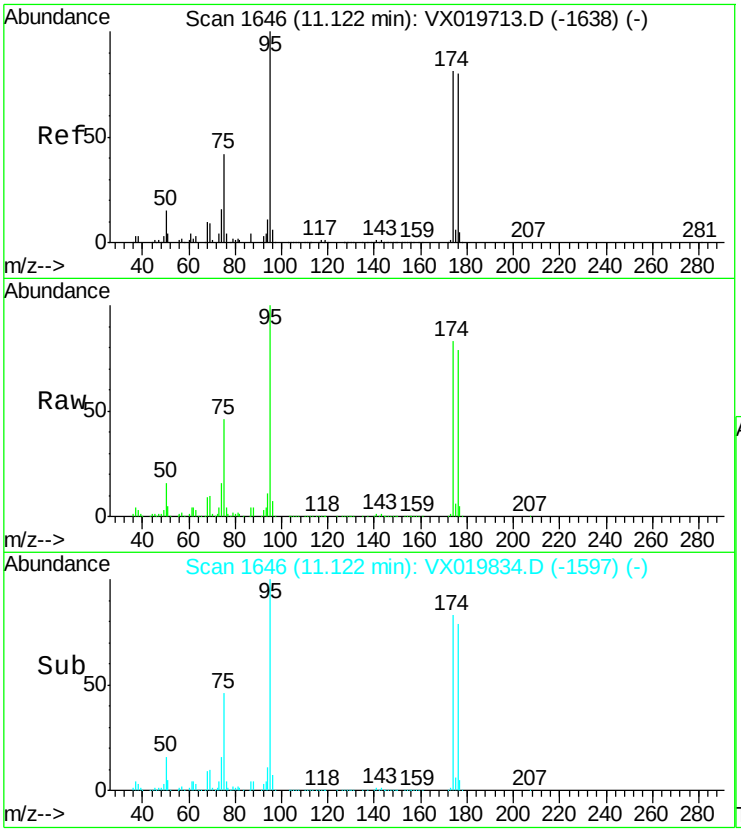


#60
Dibromochloromethane
Concen: 14.098 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.24 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Tgt Ion:129 Resp: 51489

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#



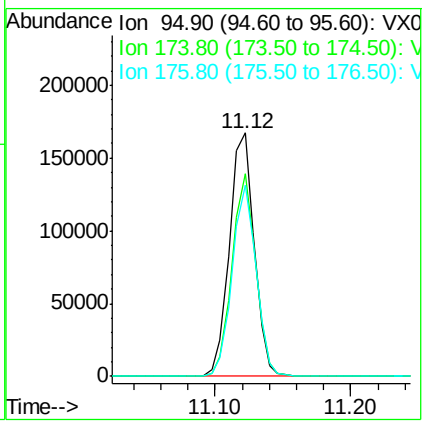


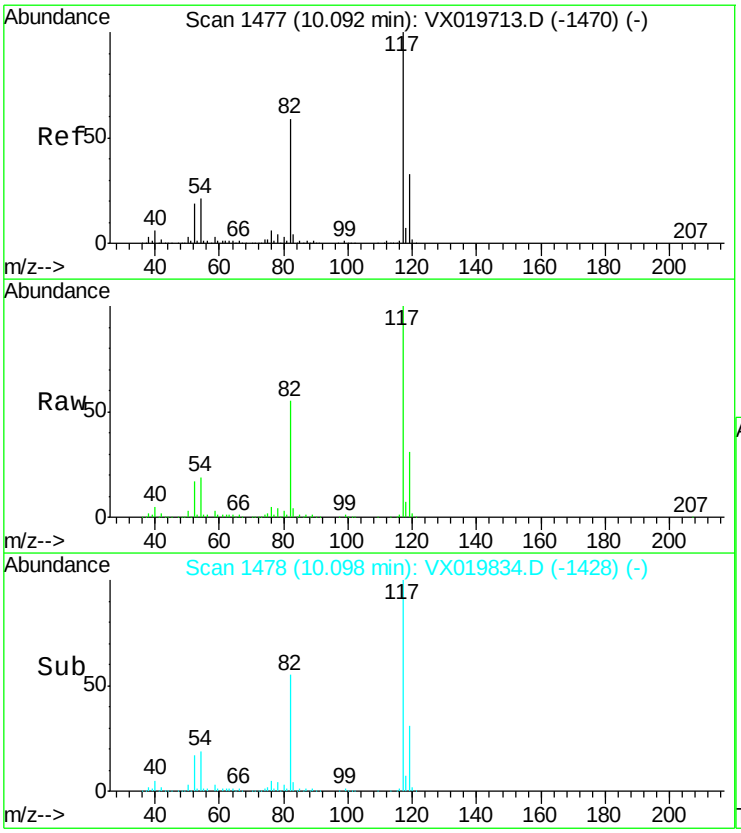
#62
4-Bromofluorobenzene
Concen: 43.647 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208

Tgt Ion: 95 Resp: 211792

Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	154.6
176	76.1	0.0	155.8

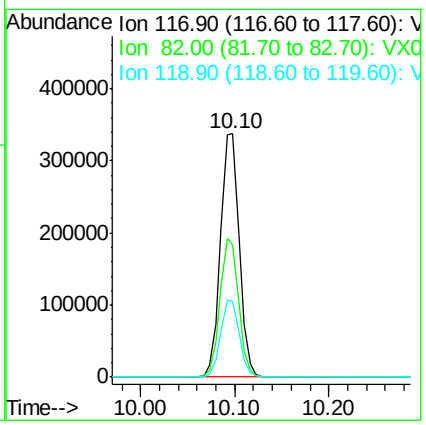


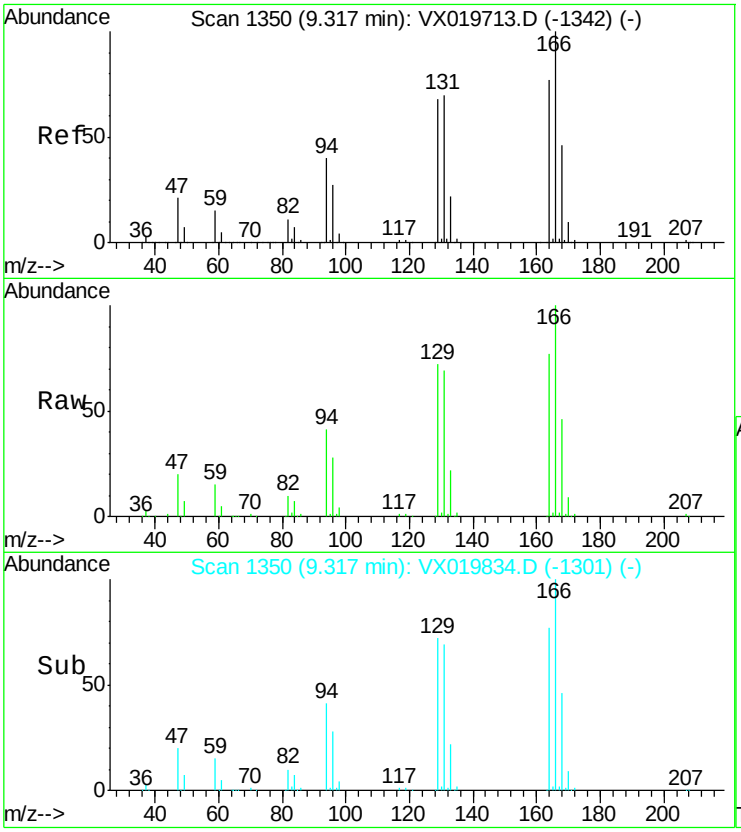


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Tgt Ion:117 Resp: 466521

Ion	Ratio	Lower	Upper
117	100		
82	54.6	47.4	71.2
119	31.4	26.6	39.8



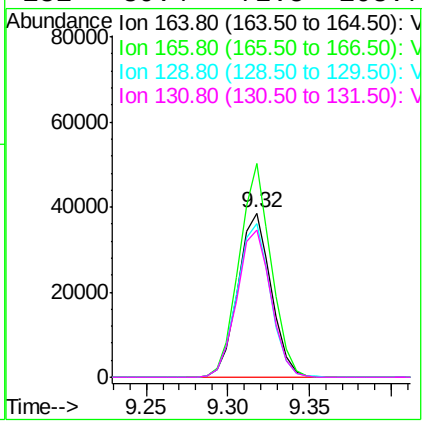


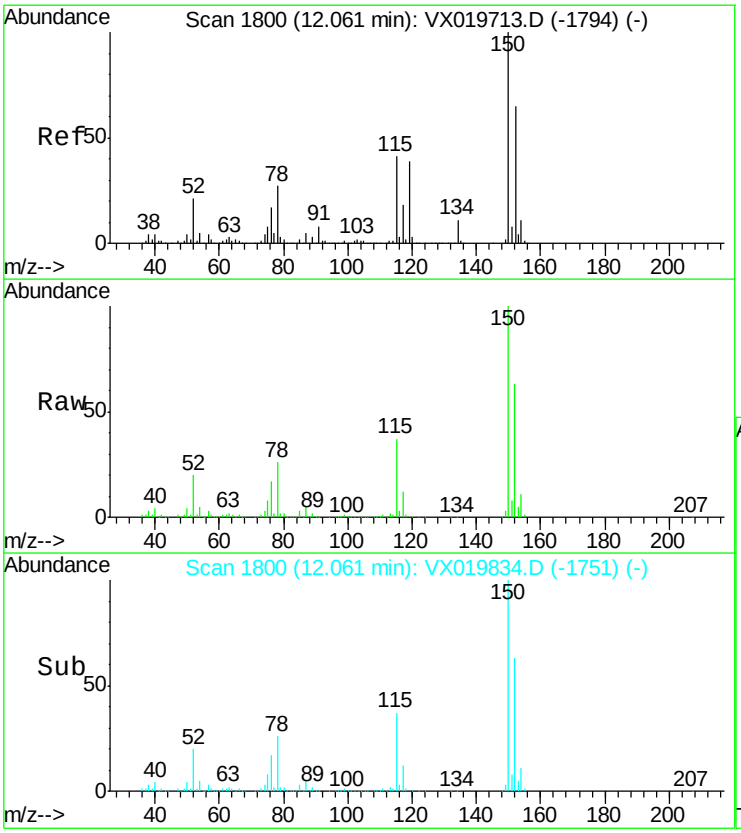
#64
Tetrachloroethene
Concen: 17.452 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208

Tgt Ion:164 Resp: 54601

Ion	Ratio	Lower	Upper
164	100		
166	129.9	103.4	155.2
129	93.3	70.8	106.2
131	89.4	72.5	108.7

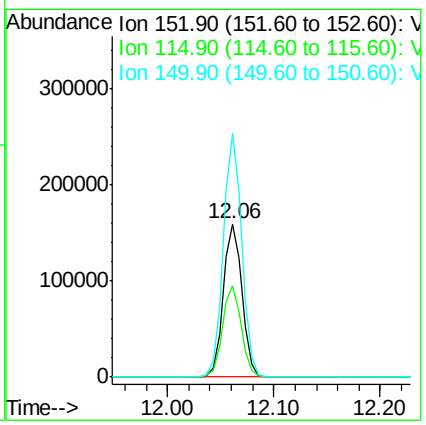


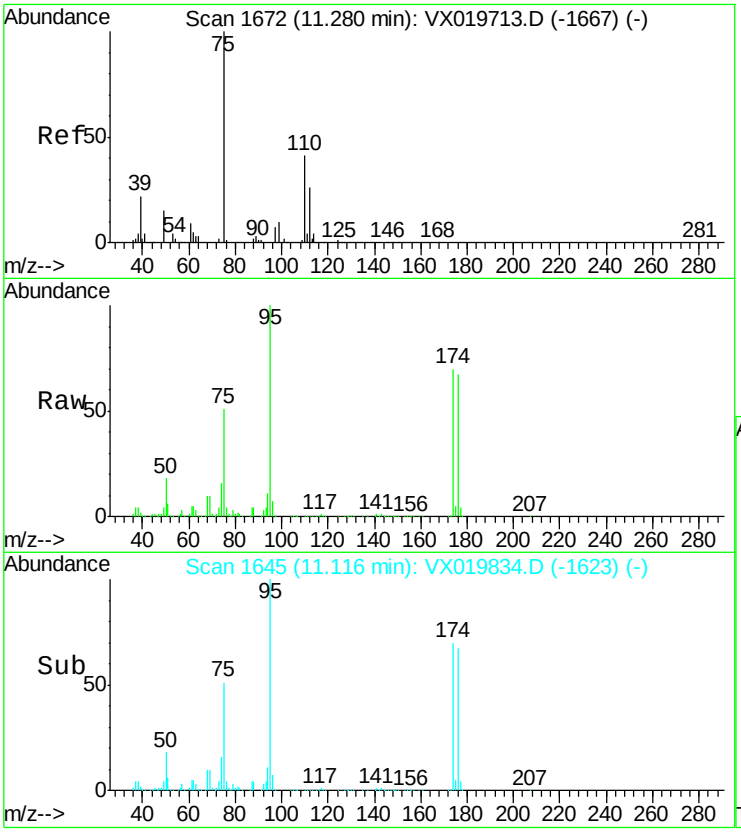


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Tgt Ion:152 Resp: 195258

Ion	Ratio	Lower	Upper
152	100		
115	59.5	41.1	123.3
150	157.7	0.0	349.0



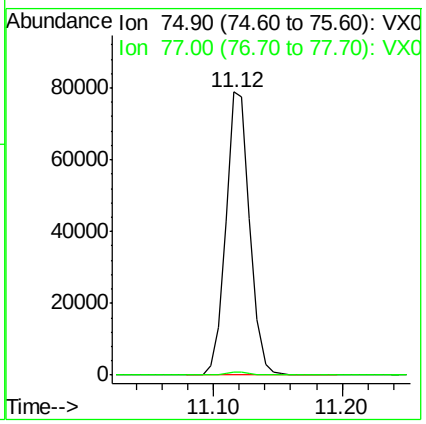


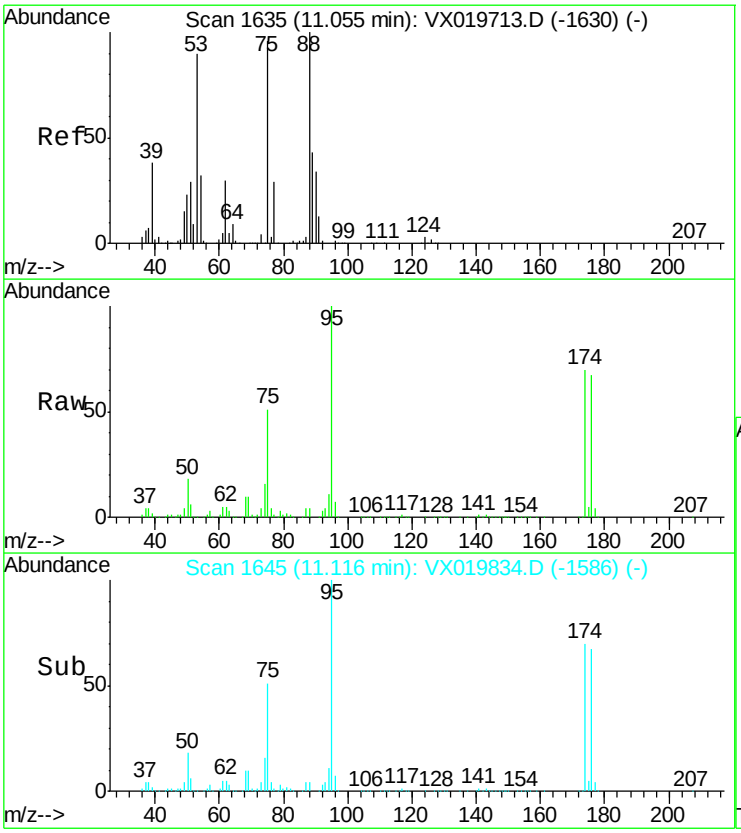
#76
1,2,3-Trichloropropane
Concen: 23.368 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.16 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20201208

Tgt Ion: 75 Resp: 102337

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.554 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. 0.06 min
Lab File: VX019834.D
Acq: 10 Dec 2020 18:36

Tgt Ion: 75 Resp: 102337

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#