Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020086.D
Acq On : 16 Dec 2020 23:19
Operator : JC/MD
Sample : L5053-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE104D2-20201209

Quant Time: Dec 17 00:34:36 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	294394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	495847	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	446988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	177820	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	191054	49.38	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.76%			
35) Dibromofluoromethane	5.46	113	154889	48.33	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.66%			
50) Toluene-d8	8.70	98	599627	49.01	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.02%			
62) 4-Bromofluorobenzene	11.12	95	201409	43.25	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 86.50%			
Target Compounds						Qvalue
3) Chloromethane	1.31	50	1508	0.476	ug/l #	79
5) Bromomethane	1.64	94	467	0.421	ug/l	87
11) Tert butyl alcohol	3.00	59	978	Below Cal	#	73
12) 1,1-Dichloroethene	2.36	96	1726	0.640	ug/l	96
16) Acetone	2.42	43	2273	1.563	ug/l	94
18) Methyl Acetate	2.75	43	802	0.225	ug/l #	53
20) Methylene Chloride	2.83	84	580	Below Cal		90
24) 1,1-Dichloroethane	3.67	63	4760	0.857	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	64974	17.656	ug/l	90
28) Bromochloromethane	5.18	49	908	0.343	ug/l #	9
30) Chloroform	5.17	83	11965	2.095	ug/l	100
31) Cyclohexane	5.62	56	5662	1.176	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	22770	5.082	ug/l #	48
38) Carbon Tetrachloride	5.63	117	29266	6.670	ug/l #	17
39) Methylcyclohexane	7.18	83	4336	0.824	ug/l #	1
42) 1,2-Dichloroethane	6.17	62	4348	0.930	ug/l	99
44) Trichloroethene	7.18	130	356395	99.242	ug/l	96
49) 1,4-Dioxane	7.73	88	425	4.850	ug/l #	79
76) 1,2,3-Trichloropropane	11.12	75	97027	24.329	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	97027	70.329	ug/l #	12

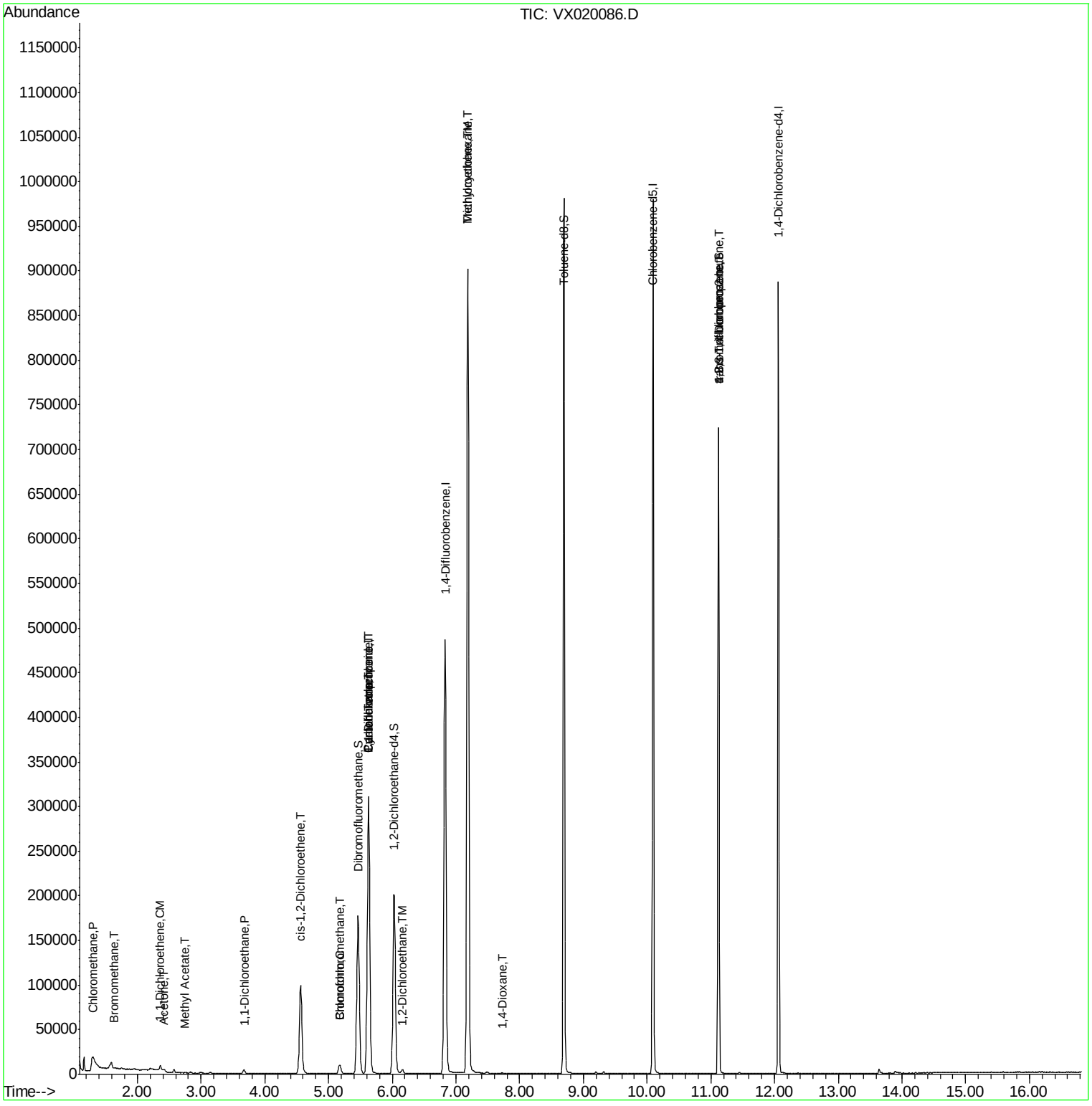
(#) = qualifier out of range (m) = manual integration (+) = signals summed

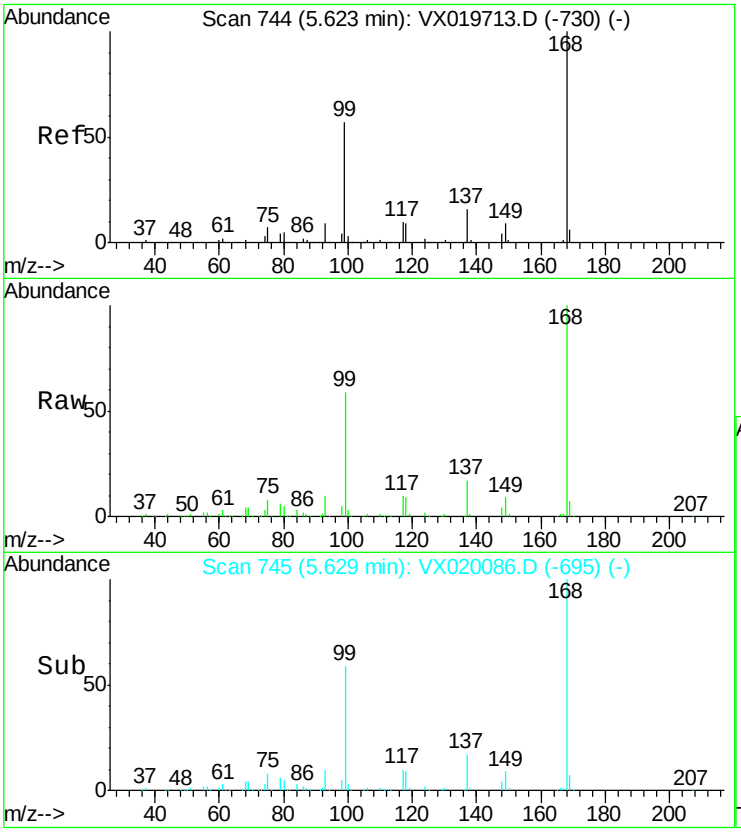
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020086.D
Acq On : 16 Dec 2020 23:19
Operator : JC/MD
Sample : L5053-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20201209

Quant Time: Dec 17 00:34:36 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



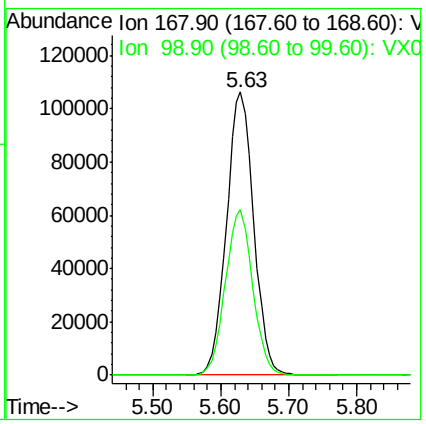


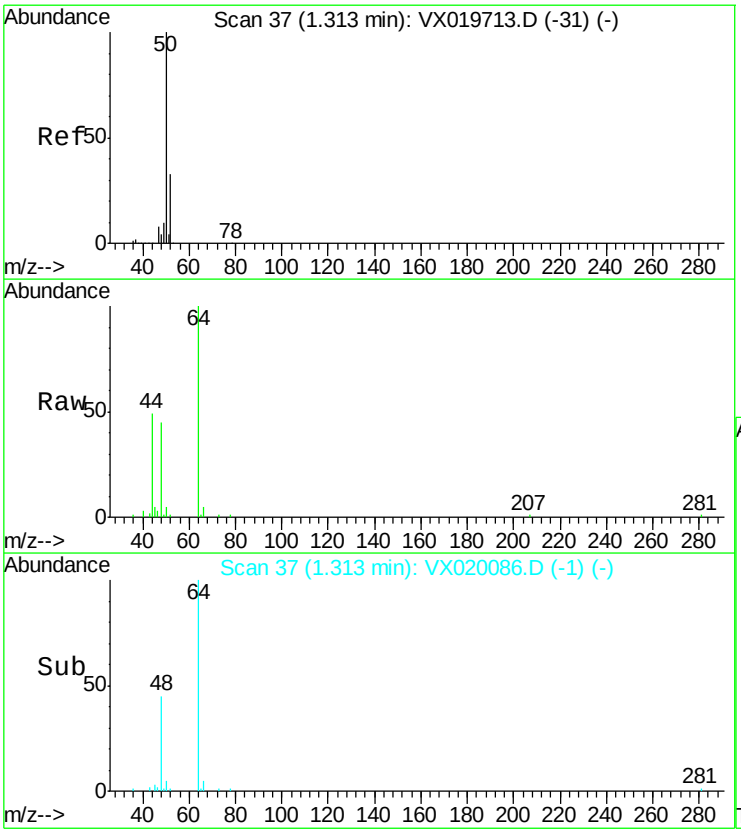
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20201209

Tgt Ion:168 Resp: 294394

Ion	Ratio	Lower	Upper
168	100		
99	58.6	45.8	68.6

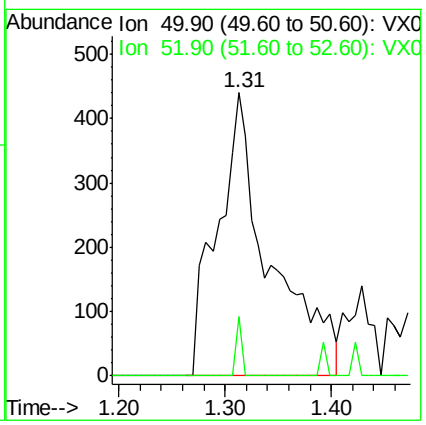


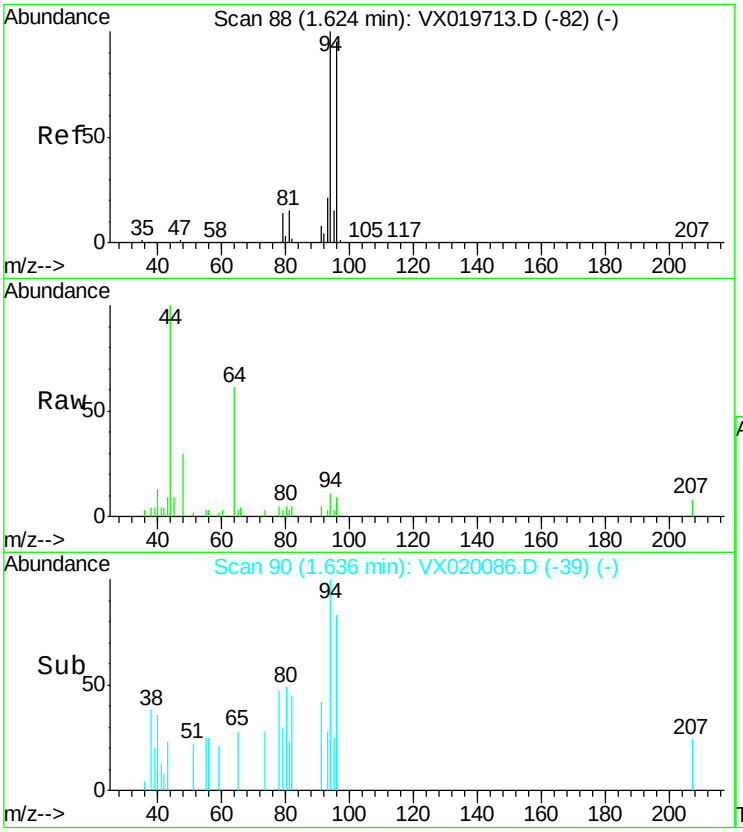


#3
Chloromethane
Concen: 0.476 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Tgt Ion: 50 Resp: 1508

Ion	Ratio	Lower	Upper
50	100		
52	20.9	26.4	39.6#



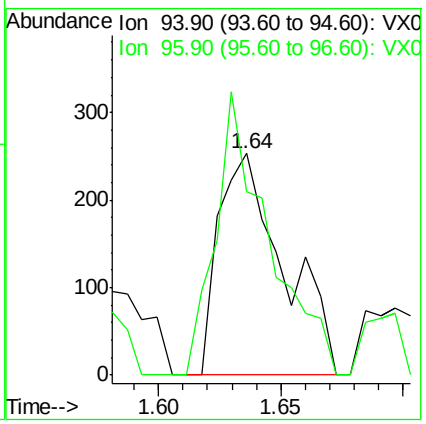


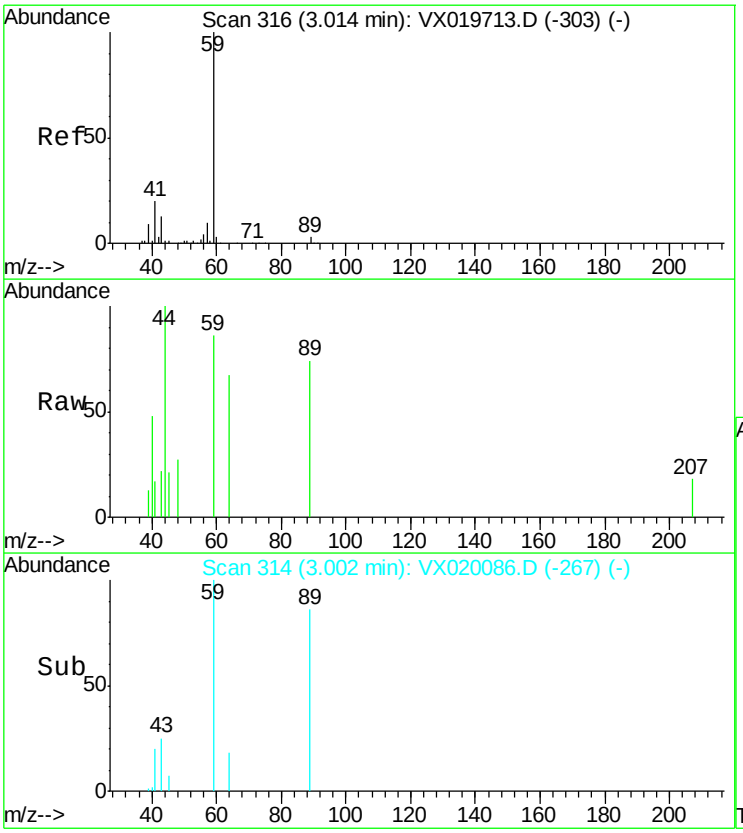
#5
Bromomethane
Concen: 0.421 ug/l
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20201209

Tgt Ion: 94 Resp: 467

Ion	Ratio	Lower	Upper
94	100		
96	83.0	76.4	114.6

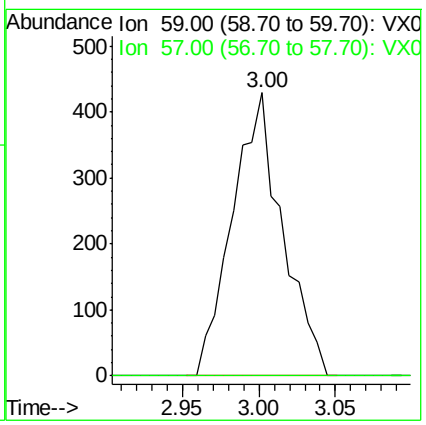


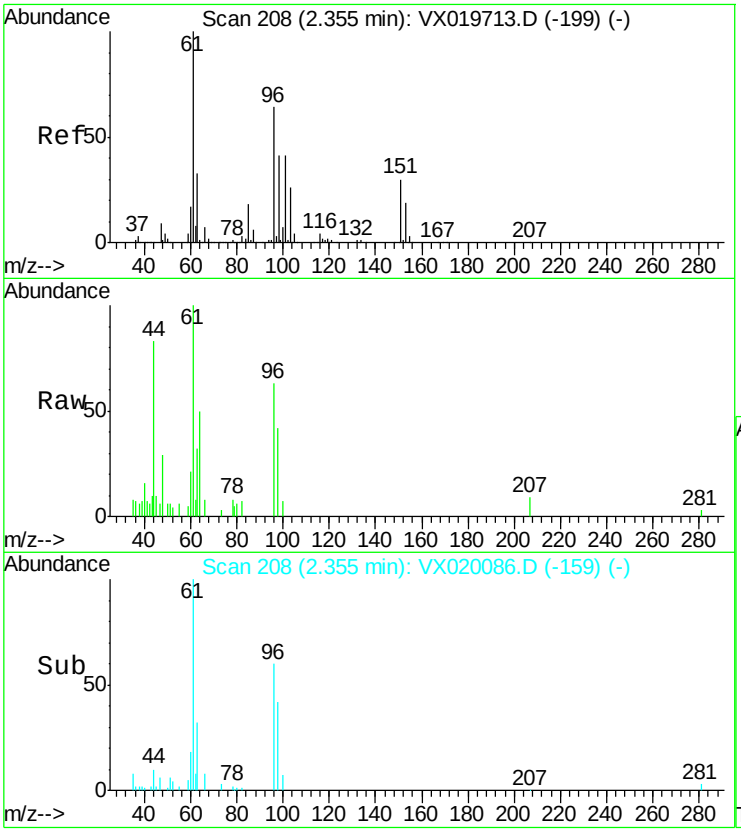


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Tgt Ion: 59 Resp: 978

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



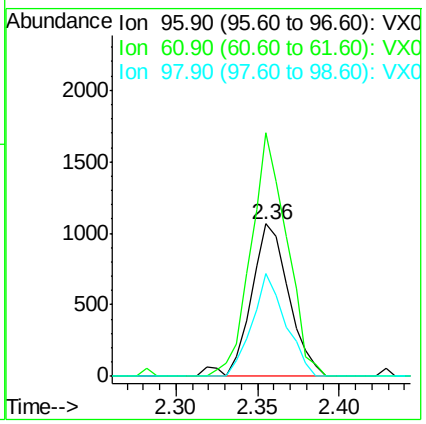


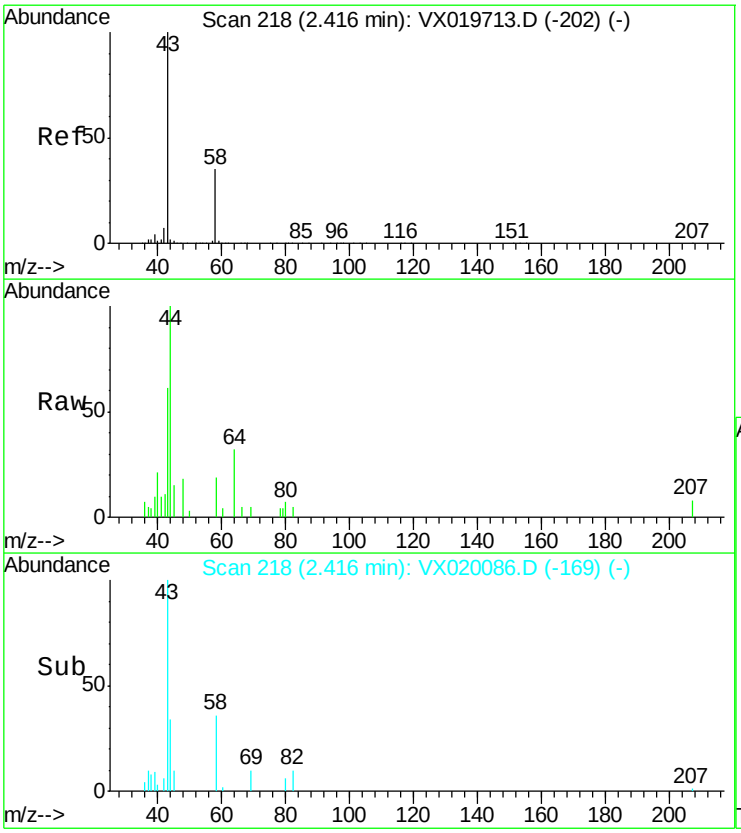
#12
1,1-Dichloroethene
Concen: 0.640 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20201209

Tgt Ion: 96 Resp: 1726

Ion	Ratio	Lower	Upper
96	100		
61	159.5	124.6	187.0
98	67.4	50.6	76.0

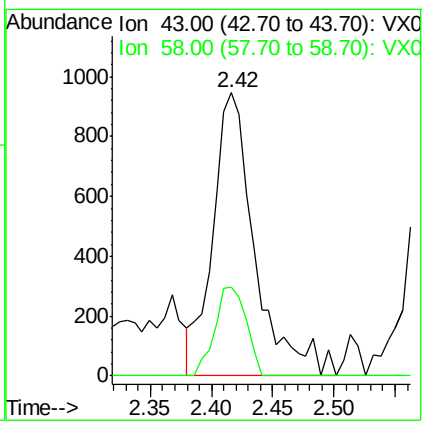


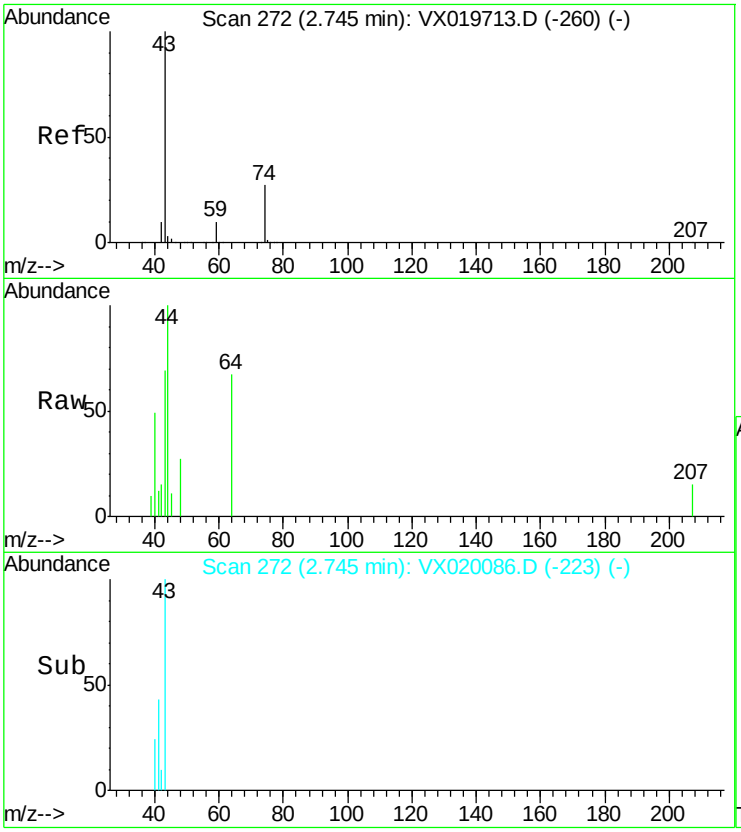


#16
Acetone
Concen: 1.563 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Tgt Ion: 43 Resp: 2273

Ion	Ratio	Lower	Upper
43	100		
58	31.3	27.8	41.8



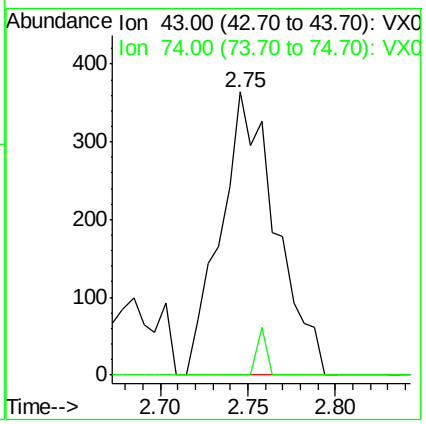


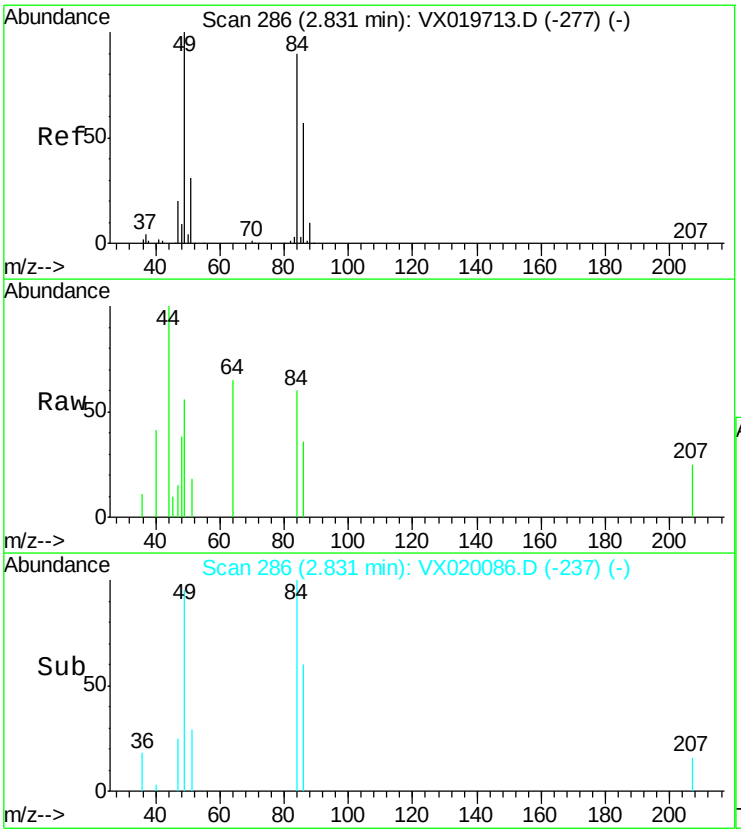
#18
Methyl Acetate
Concen: 0.225 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20201209

Tgt Ion: 43 Resp: 802

Ion	Ratio	Lower	Upper
43	100		
74	2.7	21.9	32.9#

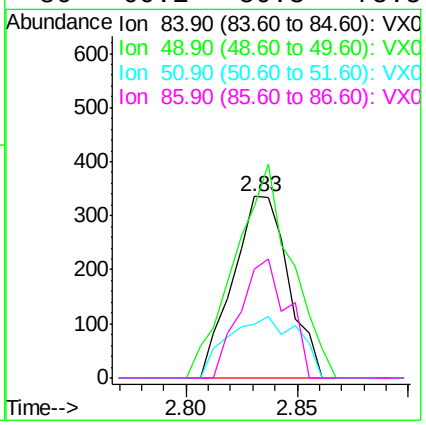


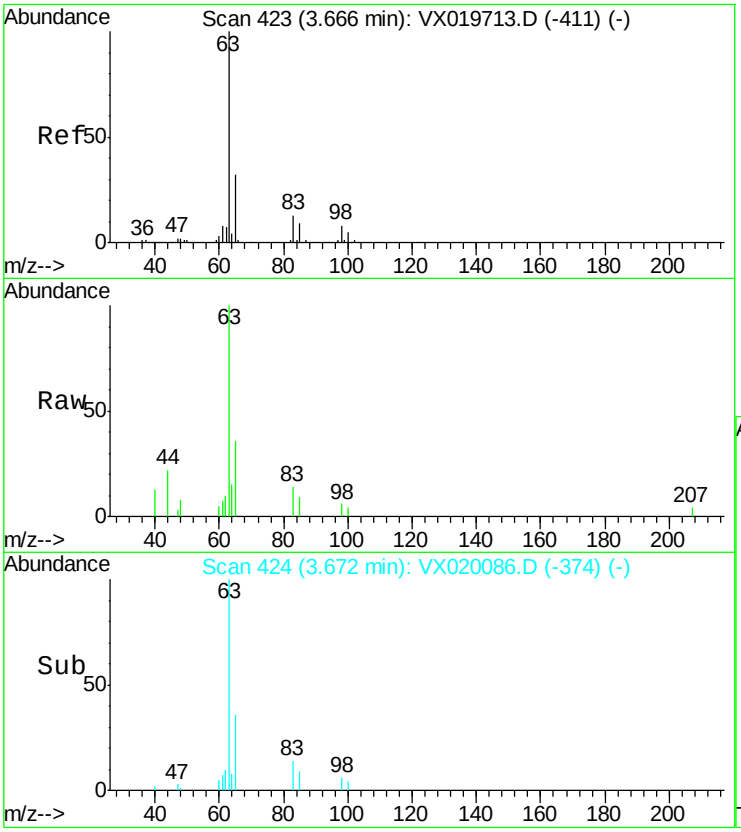


#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Tgt Ion: 84 Resp: 580

Ion	Ratio	Lower	Upper
84	100		
49	94.6	88.6	132.8
51	29.5	27.0	40.6
86	60.1	50.3	75.5



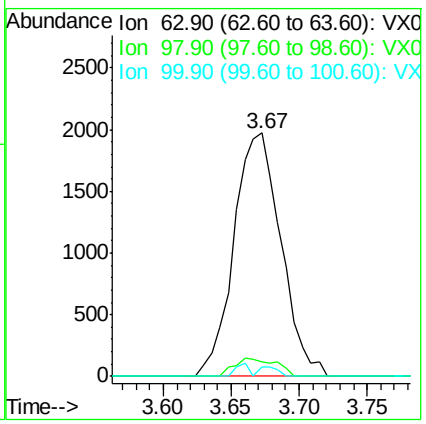


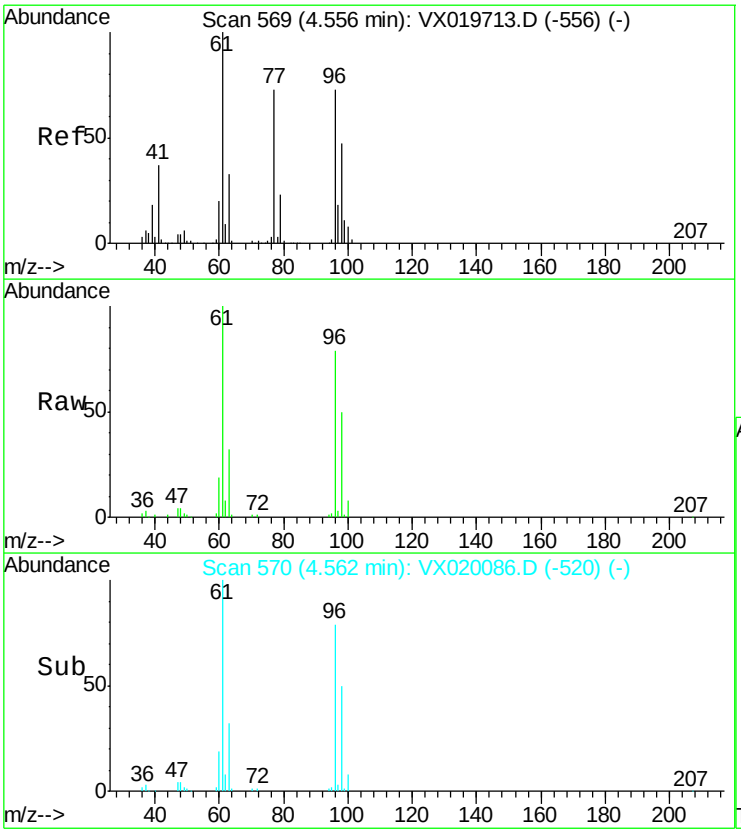
#24
1,1-Dichloroethane
Concen: 0.857 ug/l
RT: 3.67 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20201209

Tgt Ion: 63 Resp: 4760

Ion	Ratio	Lower	Upper
63	100		
98	5.9	3.8	11.2
100	3.9	2.5	7.5

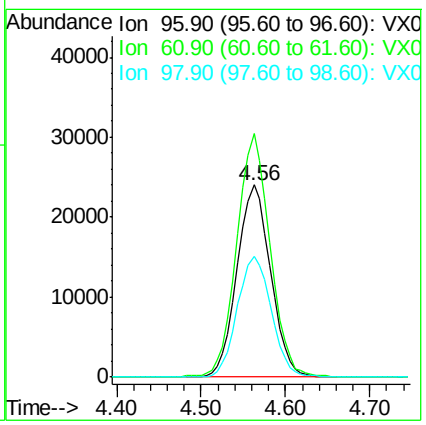


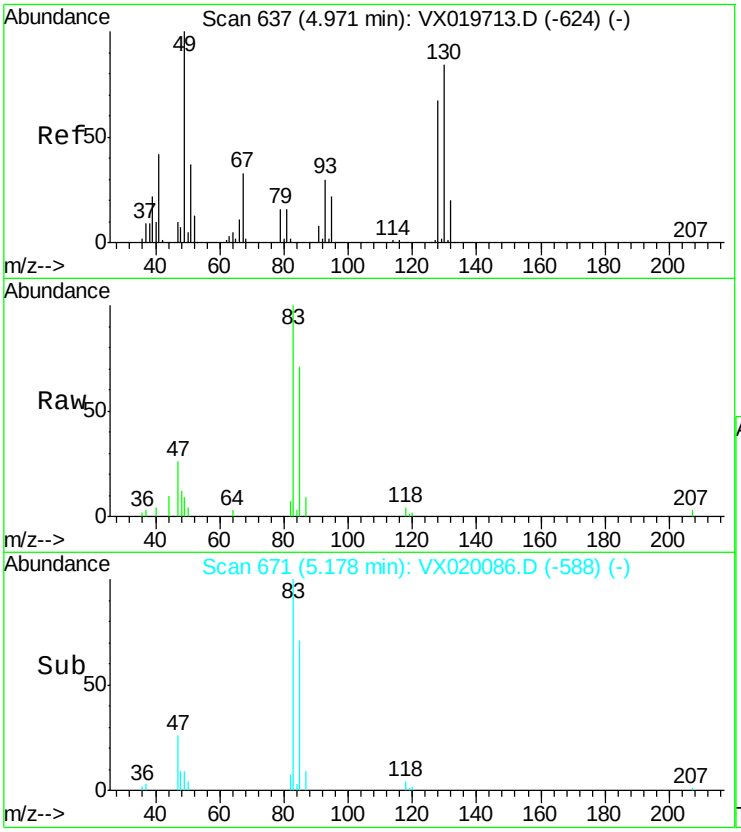


#27
cis-1,2-Dichloroethene
Concen: 17.656 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Tgt Ion: 96 Resp: 64974

Ion	Ratio	Lower	Upper
96	100		
61	125.5	0.0	285.6
98	63.6	0.0	129.6



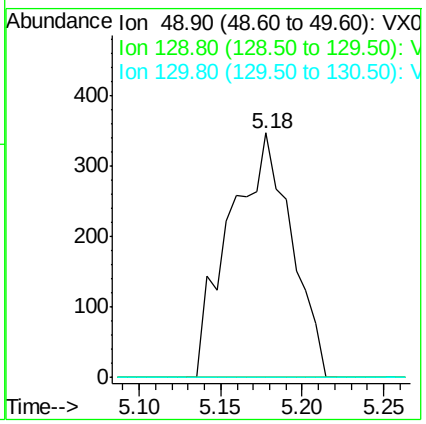


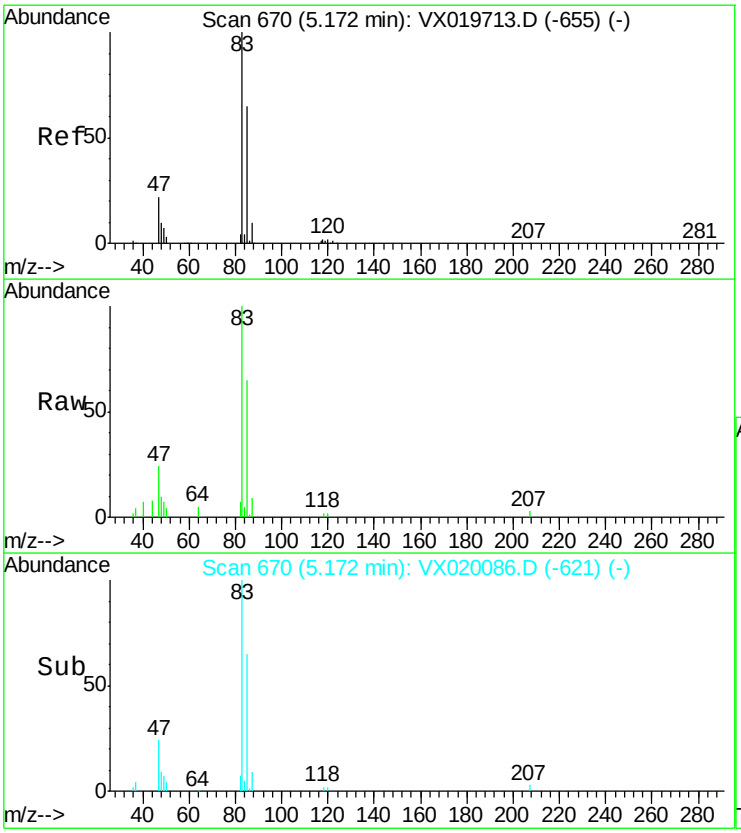
#28
Bromochloromethane
Concen: 0.343 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.21 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20201209

Tgt Ion: 49 Resp: 908

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	0.0	68.2	102.2#

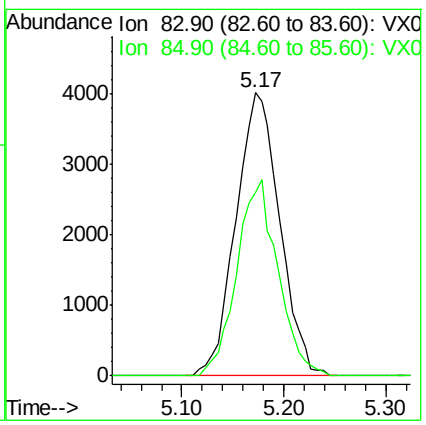


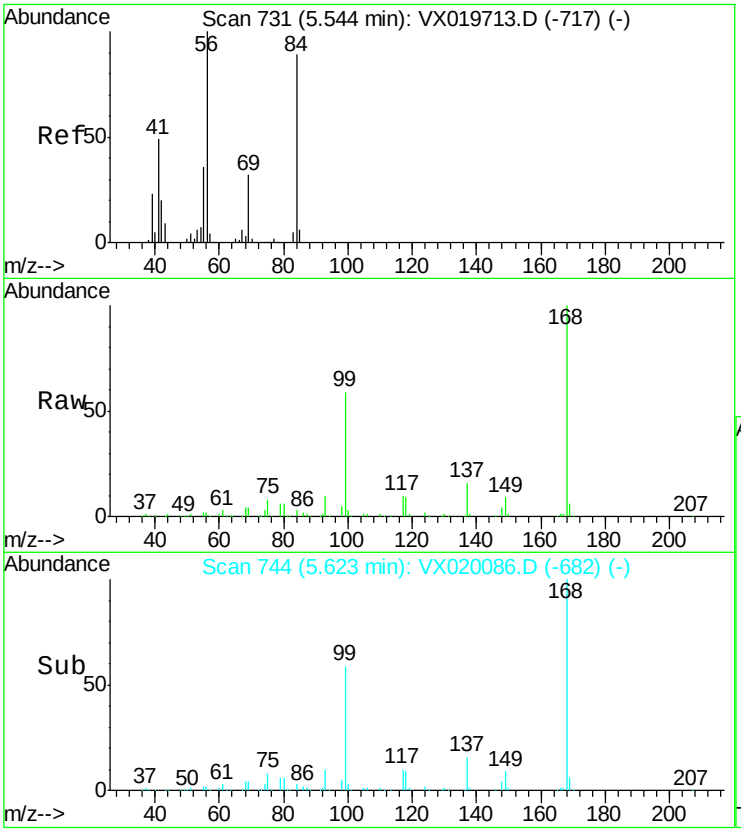


#30
Chloroform
Concen: 2.095 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Tgt Ion: 83 Resp: 11965

Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.0	78.0



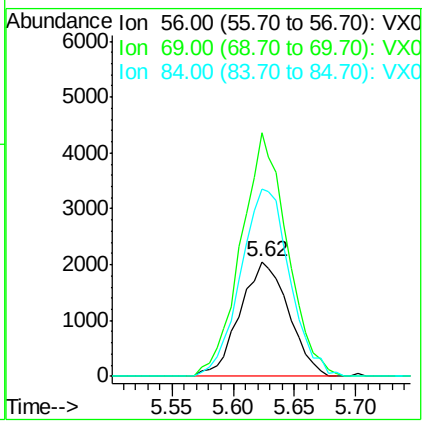


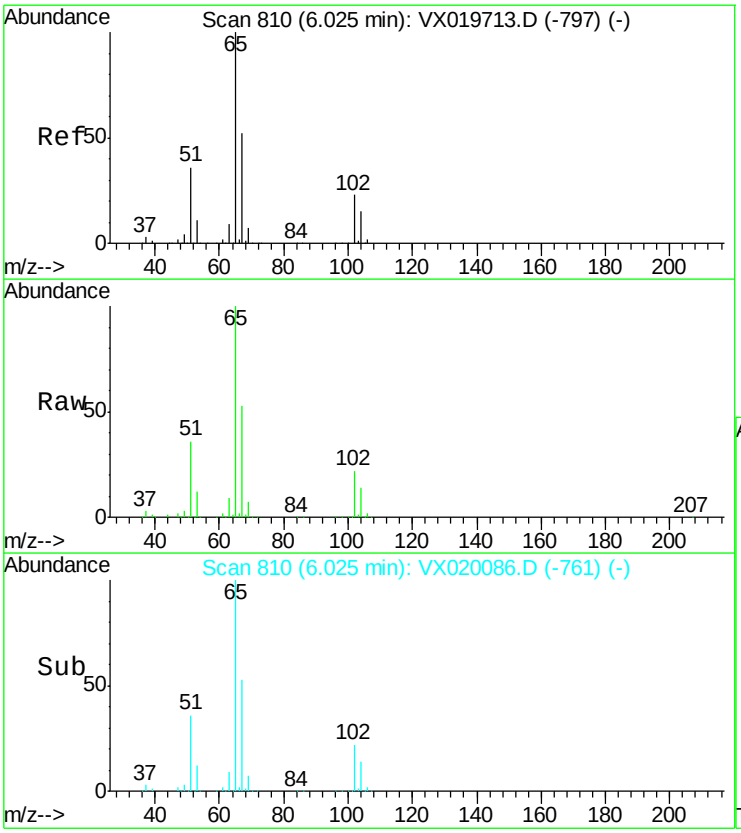
#31
Cyclohexane
Concen: 1.176 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20201209

Tgt Ion: 56 Resp: 5662

Ion	Ratio	Lower	Upper
56	100		
69	212.5	25.3	37.9#
84	163.3	71.4	107.0#

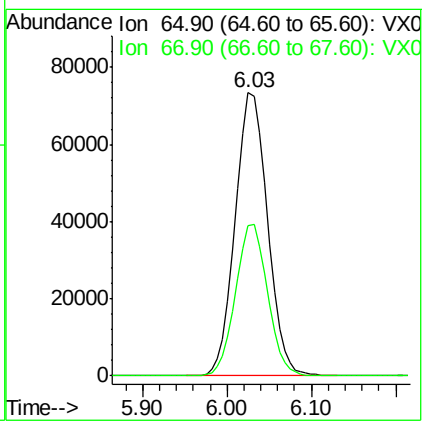


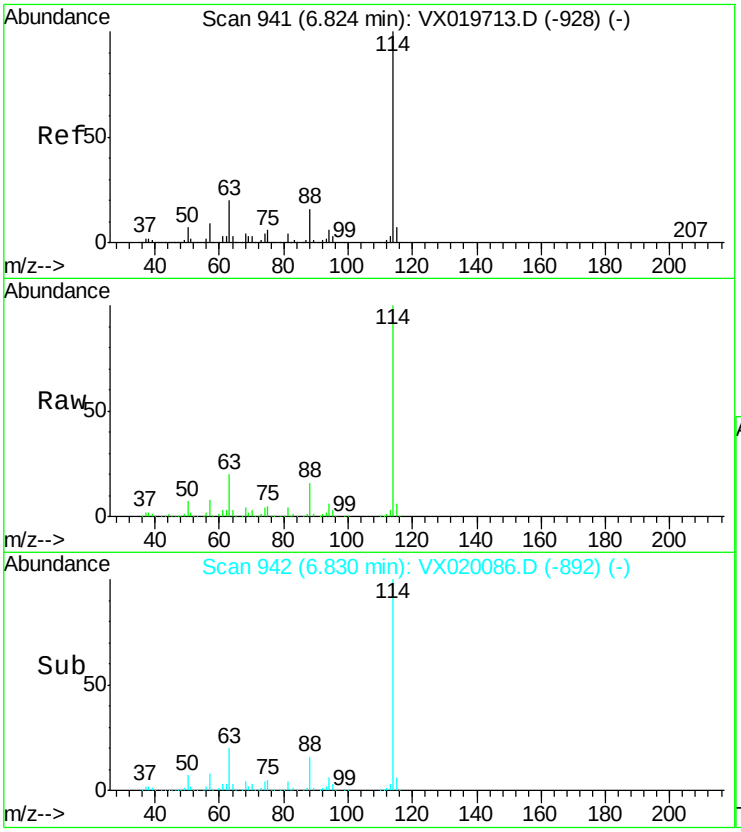


#33
1,2-Dichloroethane-d4
Concen: 49.378 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Tgt Ion: 65 Resp: 191054

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.4



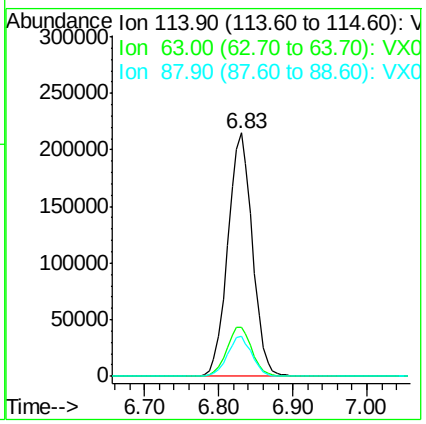


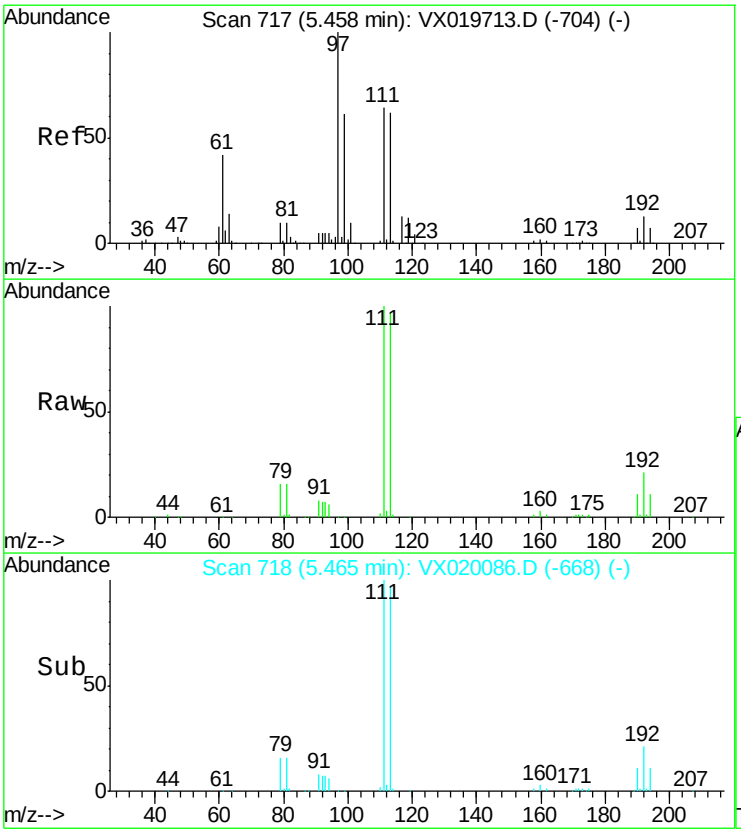
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20201209

Tgt Ion:114 Resp: 495847

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.8
88	16.3	0.0	32.8

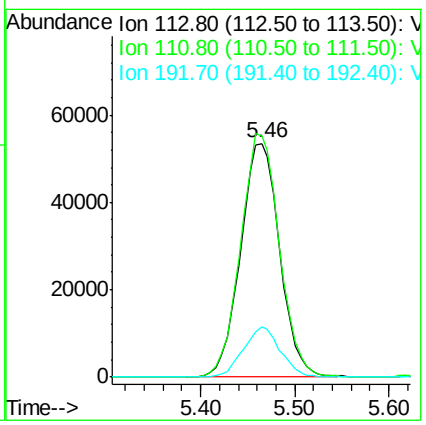


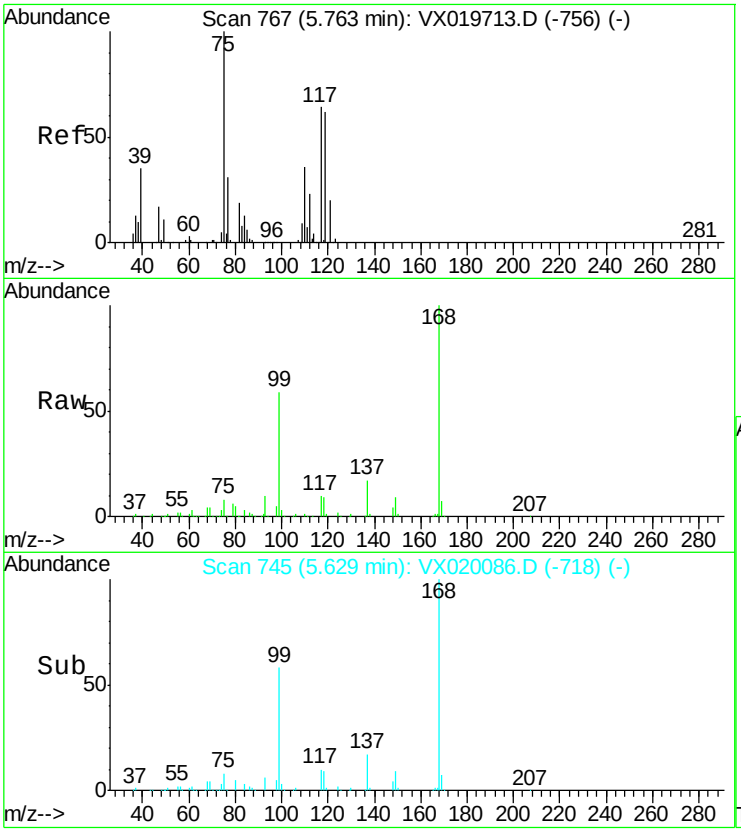


#35
Dibromofluoromethane
Concen: 48.334 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Tgt Ion:113 Resp: 154889

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.9	122.9
192	20.3	16.7	25.1



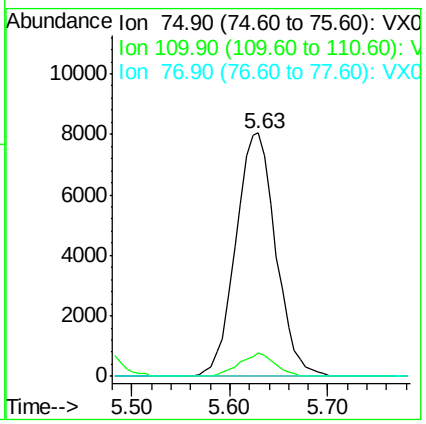


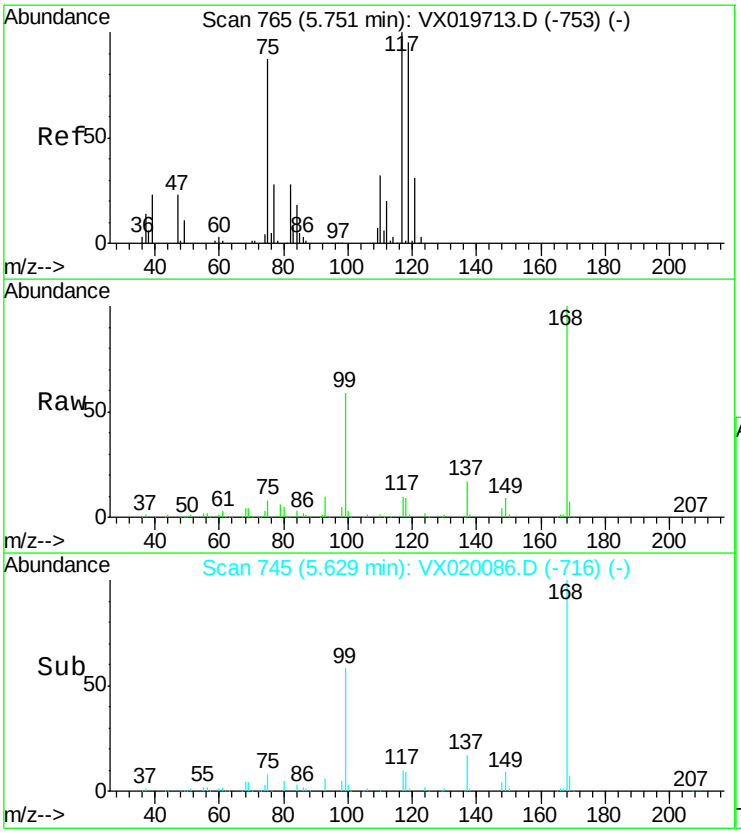
#36
1,1-Dichloropropene
Concen: 5.082 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20201209

Tgt Ion: 75 Resp: 22770

Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.4#
77	0.0	25.3	37.9#

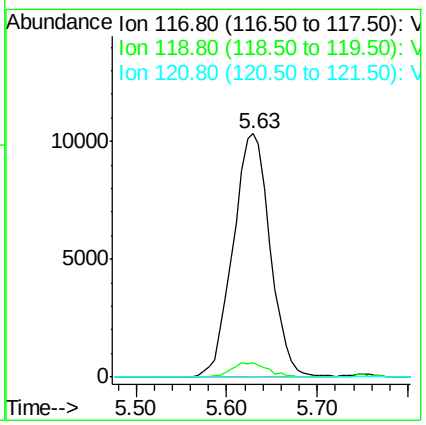


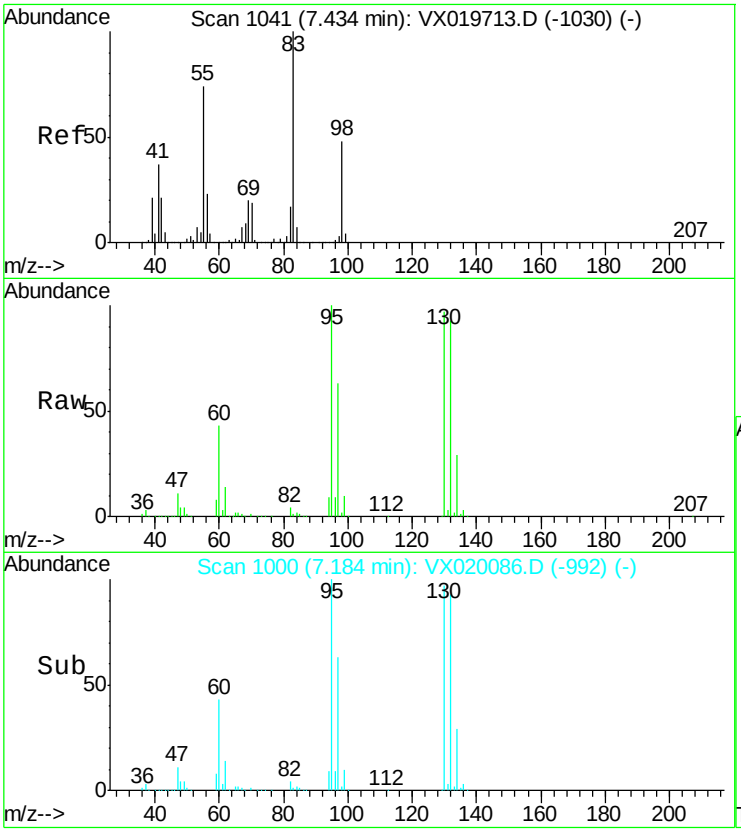


#38
Carbon Tetrachloride
Concen: 6.670 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Tgt Ion:117 Resp: 29266

Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.2	114.2#
121	0.0	24.8	37.2#



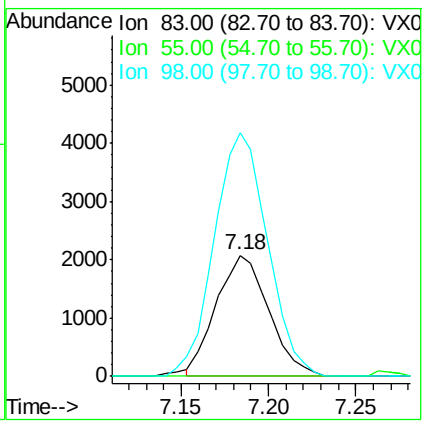


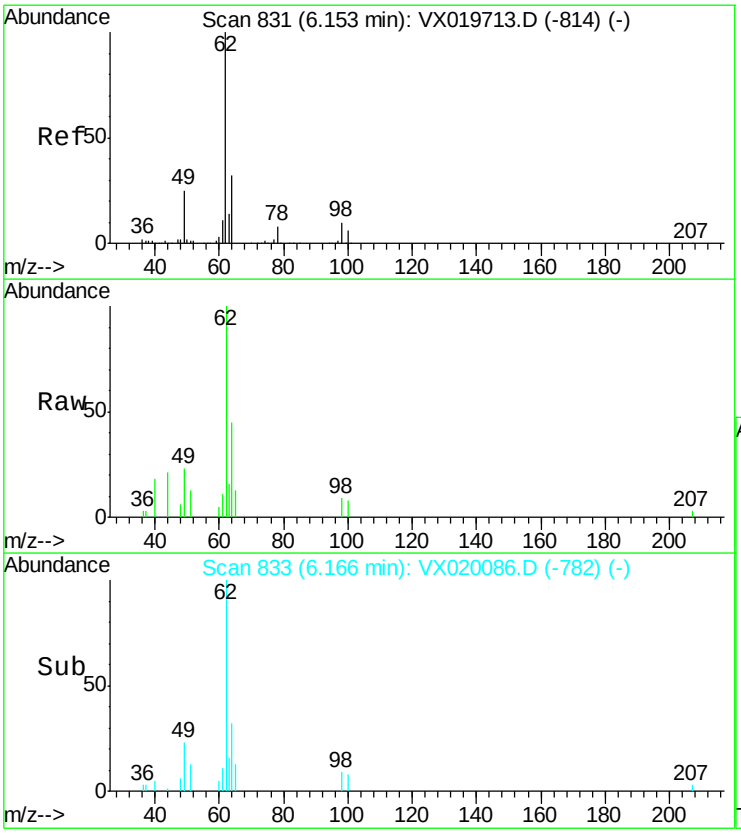
#39
Methylcyclohexane
Concen: 0.824 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.25 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20201209

Tgt Ion: 83 Resp: 4336

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	201.6	38.1	57.1#

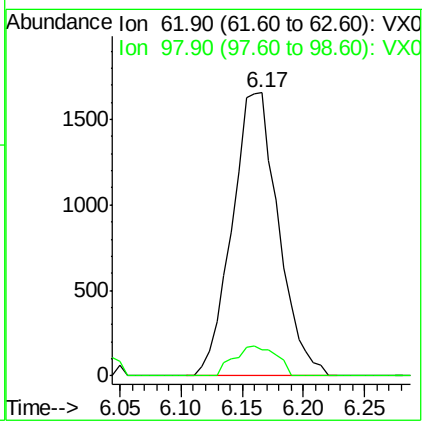


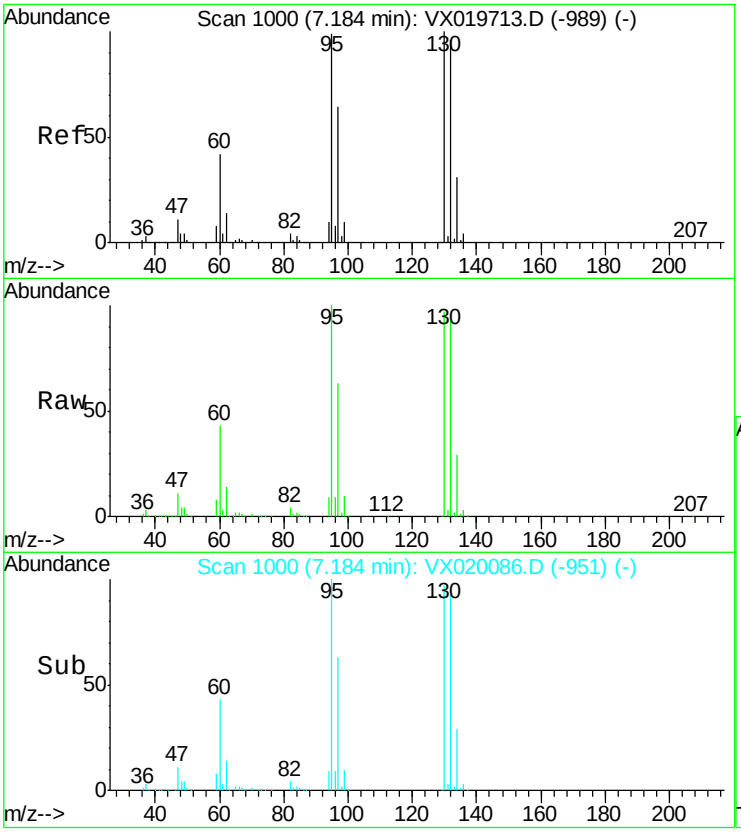


#42
1,2-Dichloroethane
Concen: 0.930 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Tgt Ion: 62 Resp: 4348

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.2



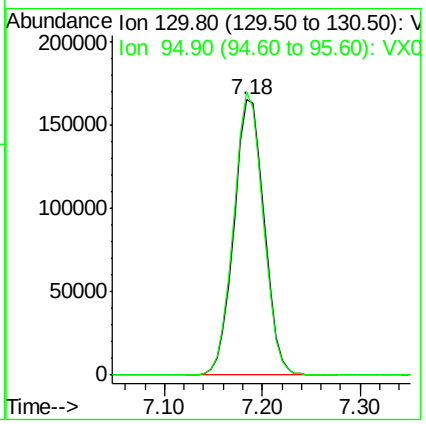


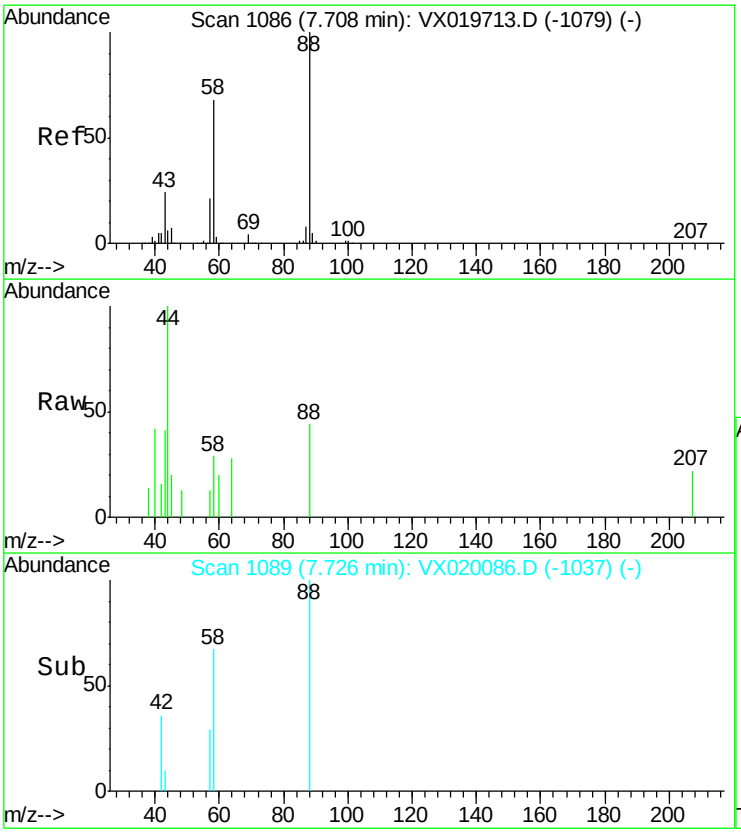
#44
Trichloroethene
Concen: 99.242 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20201209

Tgt Ion:130 Resp: 356395

Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	198.0

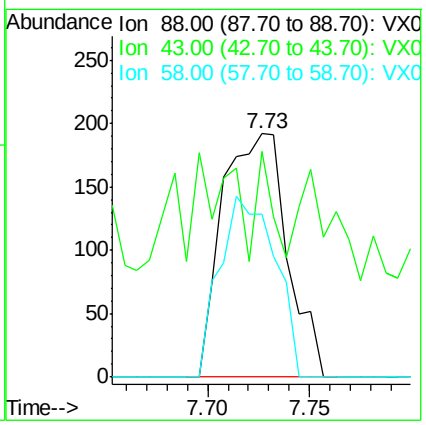


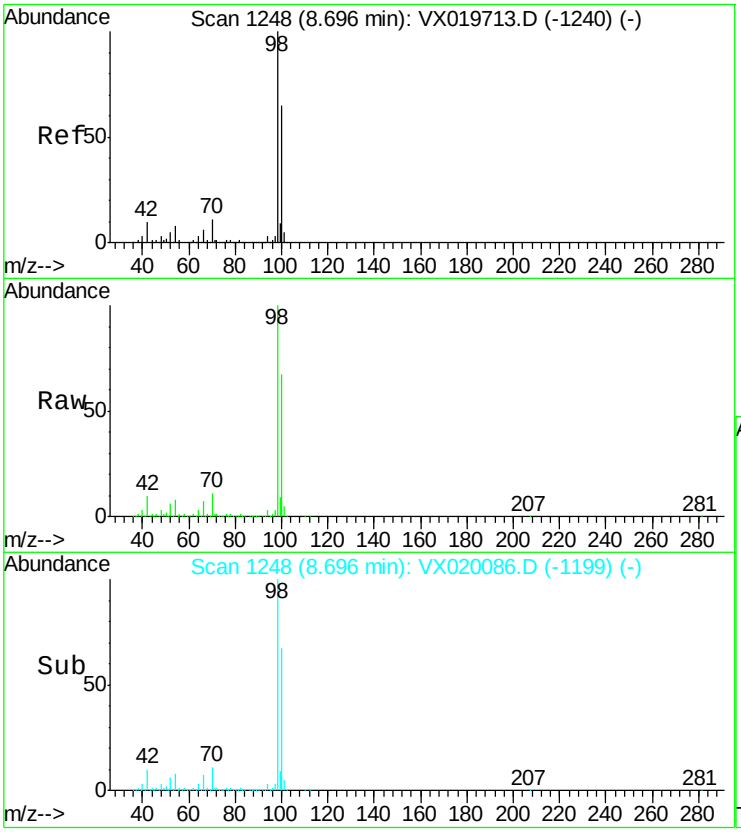


#49
1,4-Dioxane
Concen: 4.850 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.02 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Tgt Ion: 88 Resp: 425

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	63.3	55.0	82.4



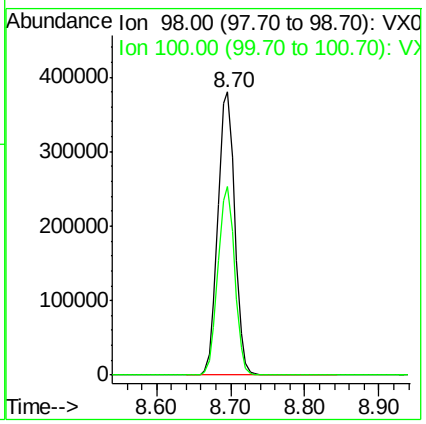


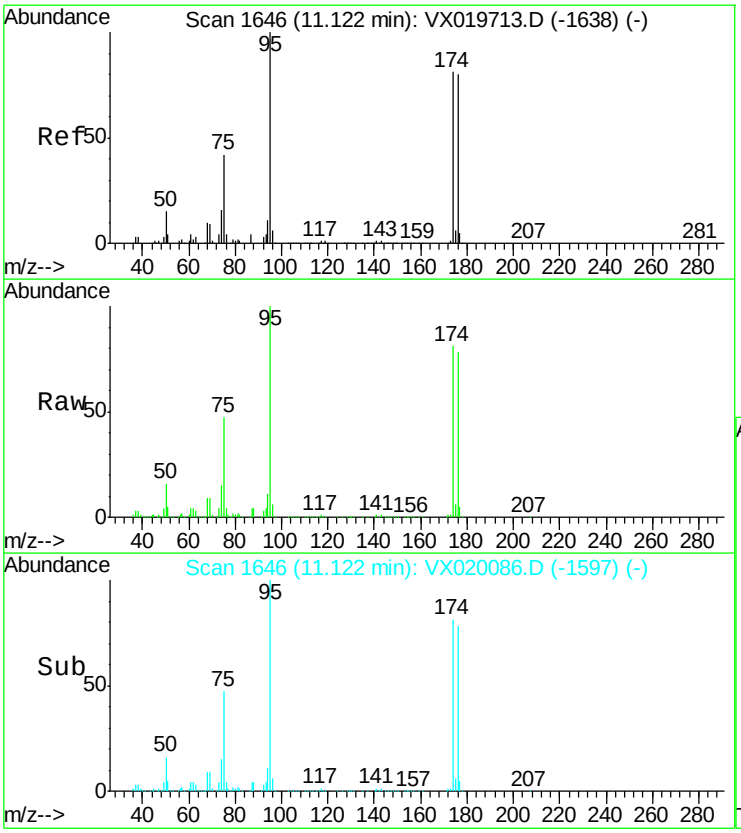
#50
Toluene-d8
Concen: 49.012 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20201209

Tgt Ion: 98 Resp: 599627

Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.9	77.9

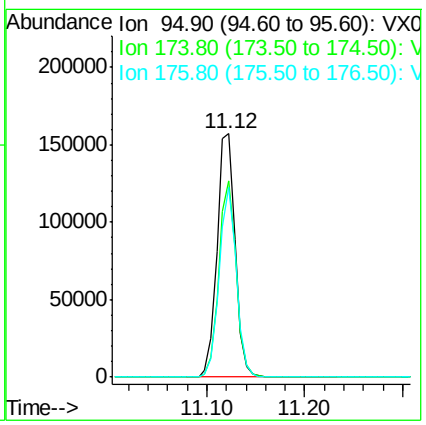


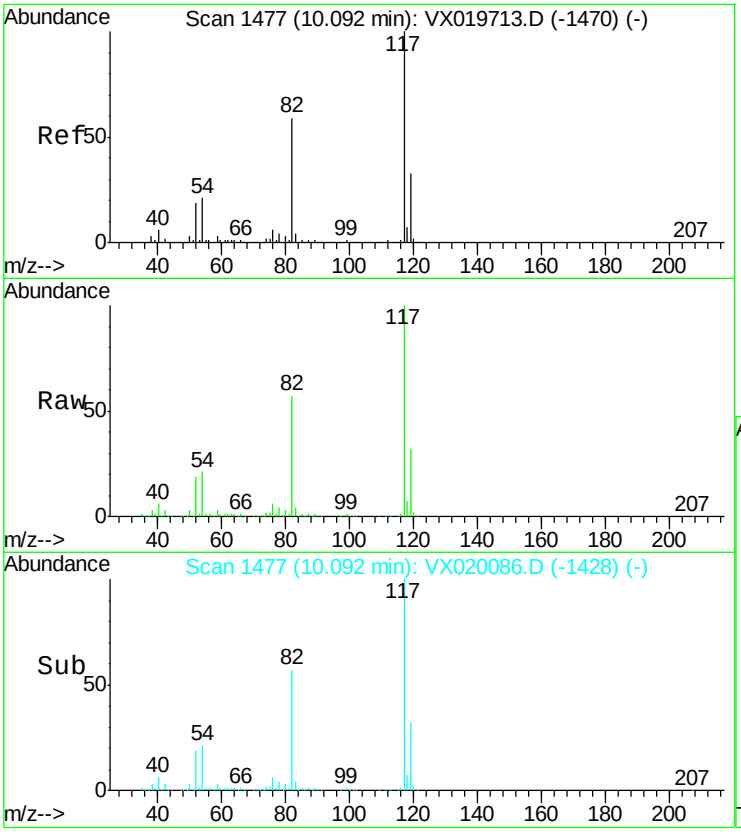


#62
4-Bromofluorobenzene
Concen: 43.253 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Tgt Ion: 95 Resp: 201409

Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	154.6
176	74.0	0.0	155.8



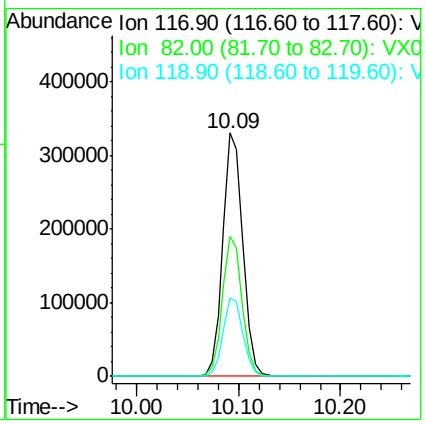


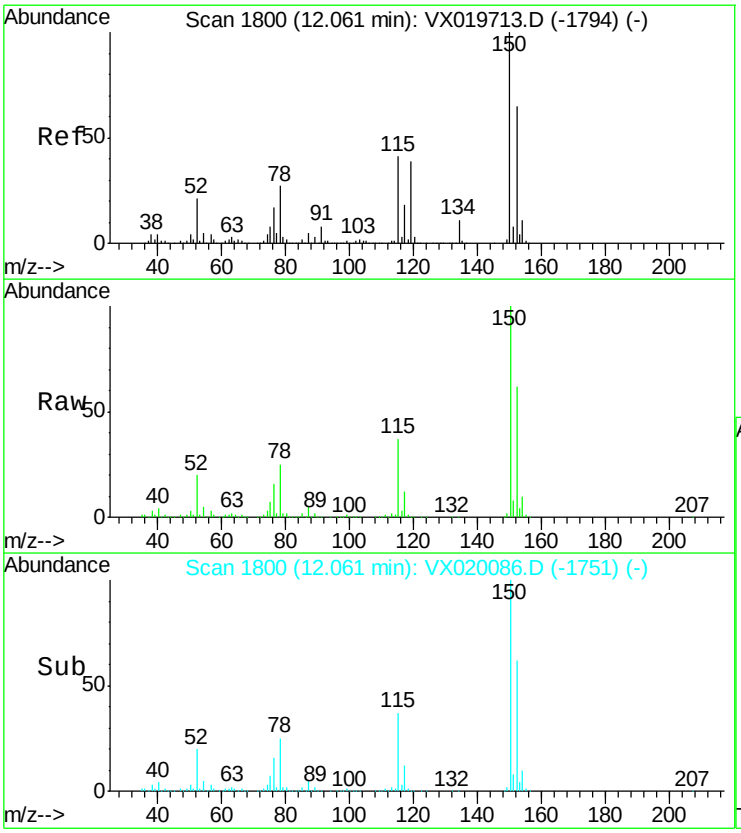
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20201209

Tgt Ion:117 Resp: 446988

Ion	Ratio	Lower	Upper
117	100		
82	57.5	47.4	71.2
119	32.1	26.6	39.8

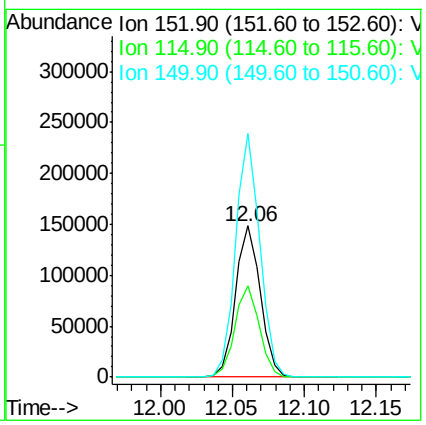


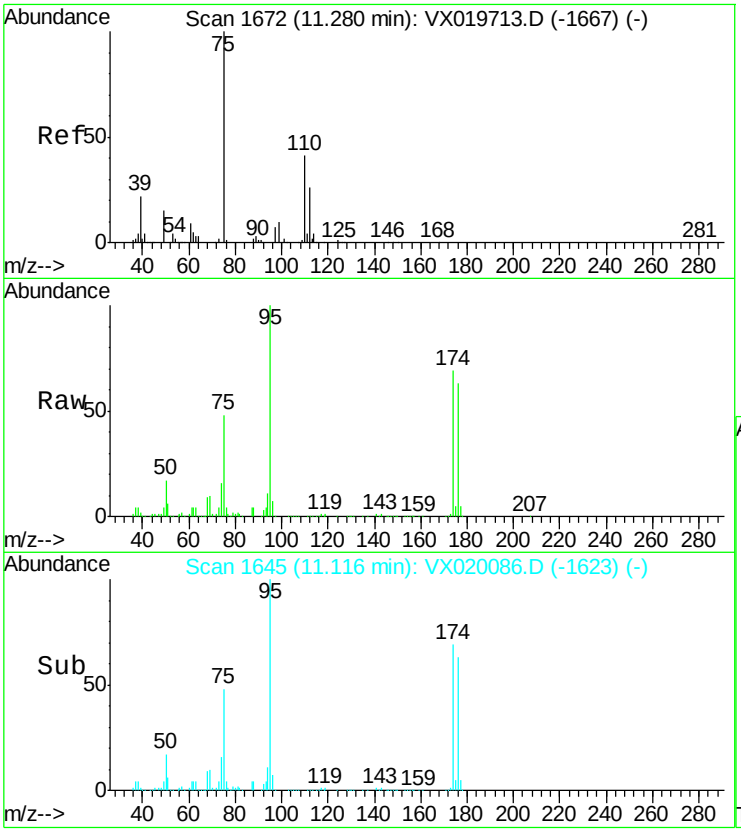


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Tgt Ion:152 Resp: 177820

Ion	Ratio	Lower	Upper
152	100		
115	59.8	41.1	123.3
150	157.2	0.0	349.0



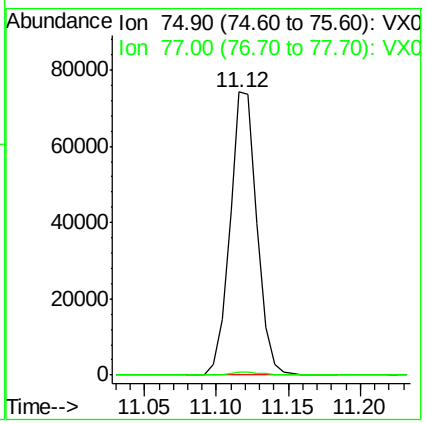


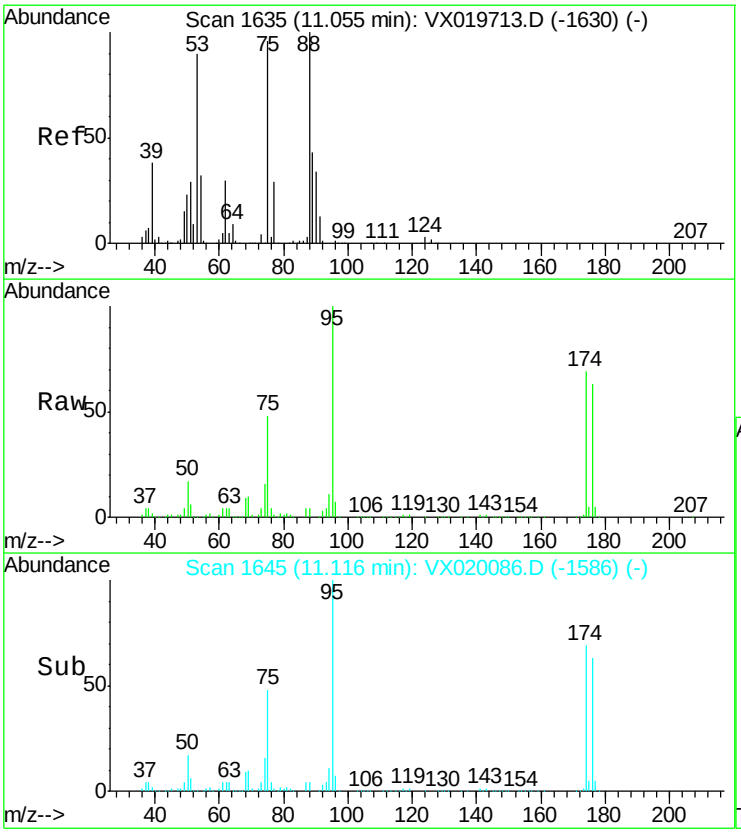
#76
1,2,3-Trichloropropane
Concen: 24.329 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.16 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20201209

Tgt Ion: 75 Resp: 97027

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.329 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. 0.06 min
Lab File: VX020086.D
Acq: 16 Dec 2020 23:19

Tgt Ion: 75 Resp: 97027

Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.5	111.7#
89	0.0	37.9	56.9#