Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
Data File : VX019829.D
Acq On : 10 Dec 2020 16:40
Operator : JC/MD
Sample : L4996-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE105D1-20201208

Quant Time: Dec 11 00:52:14 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	317818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	528575	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	481834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	204318	48.91	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 97.82%			
35) Dibromofluoromethane	5.46	113	162285	47.51	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.02%			
50) Toluene-d8	8.70	98	639669	49.05	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.10%			
62) 4-Bromofluorobenzene	11.12	95	224755	45.28	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	1358	0.467	ug/l	95
5) Bromomethane	1.63	94	528	0.441	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	15916	5.526	ug/l	99
11) Tert butyl alcohol	3.00	59	252	Below Cal	#	73
12) 1,1-Dichloroethene	2.36	96	2683	0.921	ug/l	92
13) Acrolein	2.27	56	106	0.230	ug/l #	26
16) Acetone	2.42	43	1511	0.962	ug/l	95
20) Methylene Chloride	2.83	84	409	Below Cal	#	66
27) cis-1,2-Dichloroethene	4.56	96	4674	1.176	ug/l	91
30) Chloroform	5.18	83	1322	0.214	ug/l	96
31) Cyclohexane	5.63	56	6019	1.158	ug/l #	1
32) 1,1,1-Trichloroethane	5.46	97	2442	0.460	ug/l #	39
36) 1,1-Dichloropropene	5.62	75	23916	5.007	ug/l #	49
38) Carbon Tetrachloride	5.76	117	943	0.202	ug/l #	88
39) Methylcyclohexane	7.19	83	3627	0.646	ug/l #	1
44) Trichloroethene	7.19	130	307827	80.411	ug/l	99
49) 1,4-Dioxane	7.71	88	1252	13.403	ug/l #	85
76) 1,2,3-Trichloropropane	11.12	75	107968	23.241	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	107968	67.186	ug/l #	12

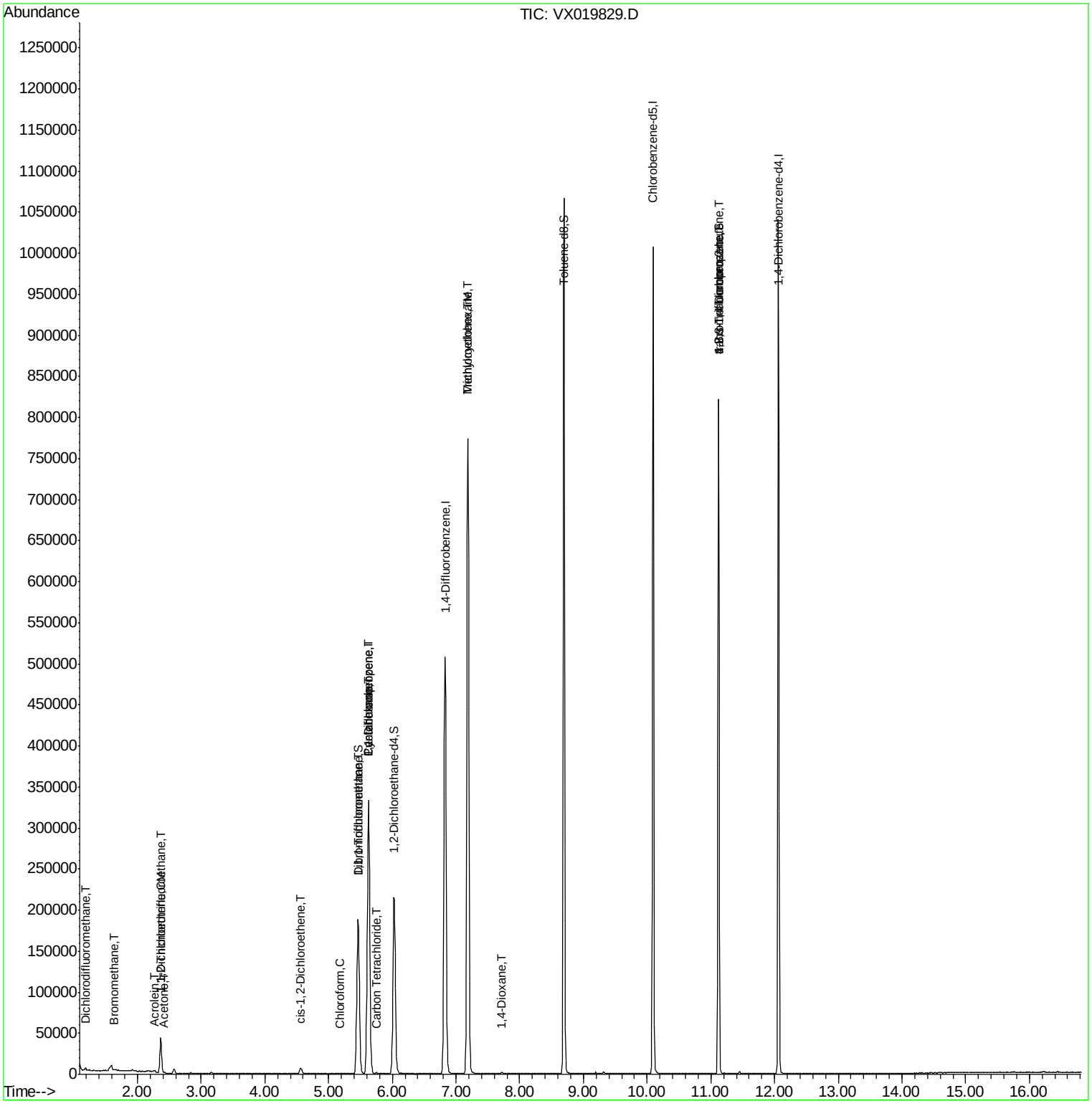
(#) = qualifier out of range (m) = manual integration (+) = signals summed

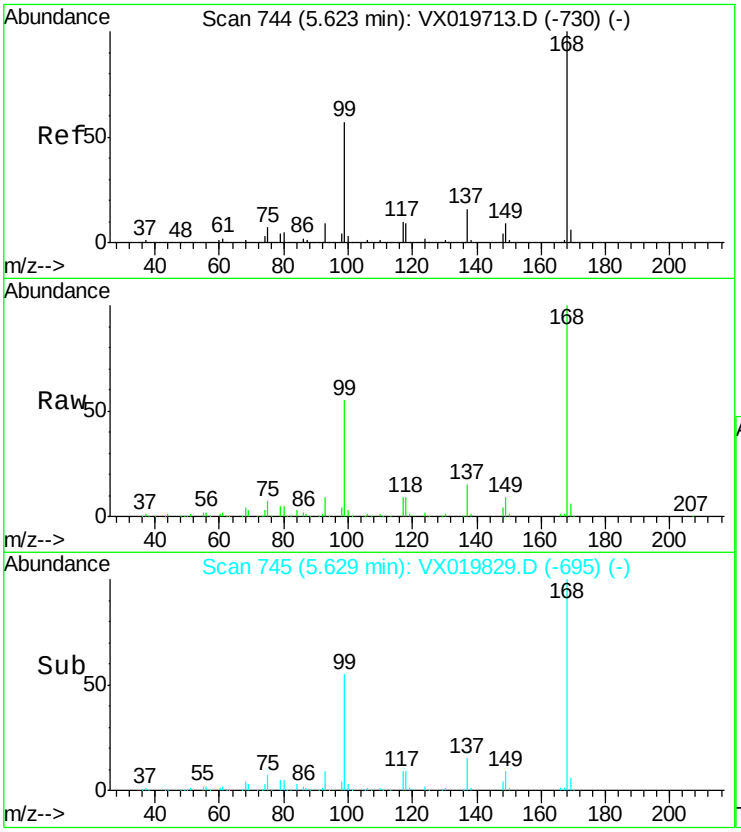
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
Data File : VX019829.D
Acq On : 10 Dec 2020 16:40
Operator : JC/MD
Sample : L4996-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20201208

Quant Time: Dec 11 00:52:14 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



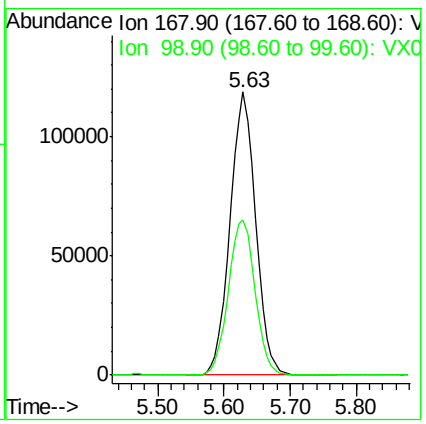


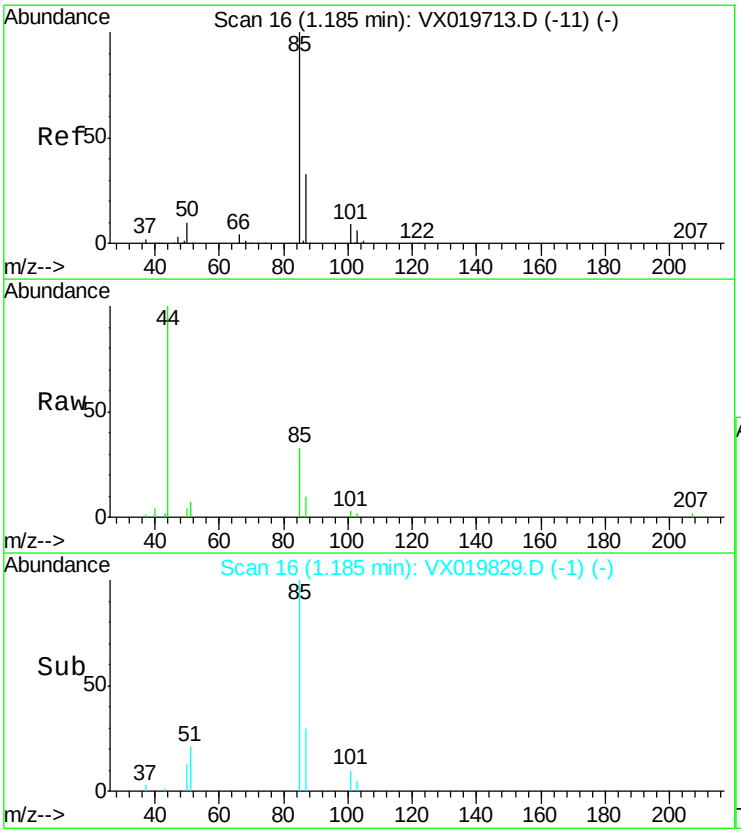
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20201208

Tgt Ion:168 Resp: 317818

Ion	Ratio	Lower	Upper
168	100		
99	54.8	45.8	68.6

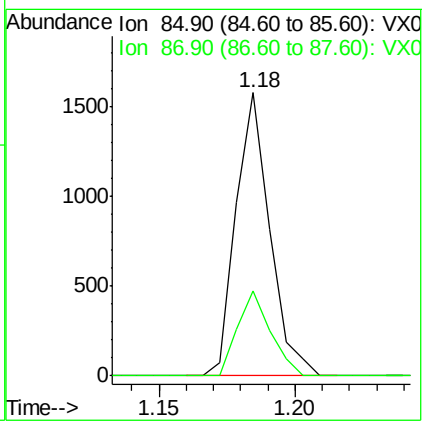


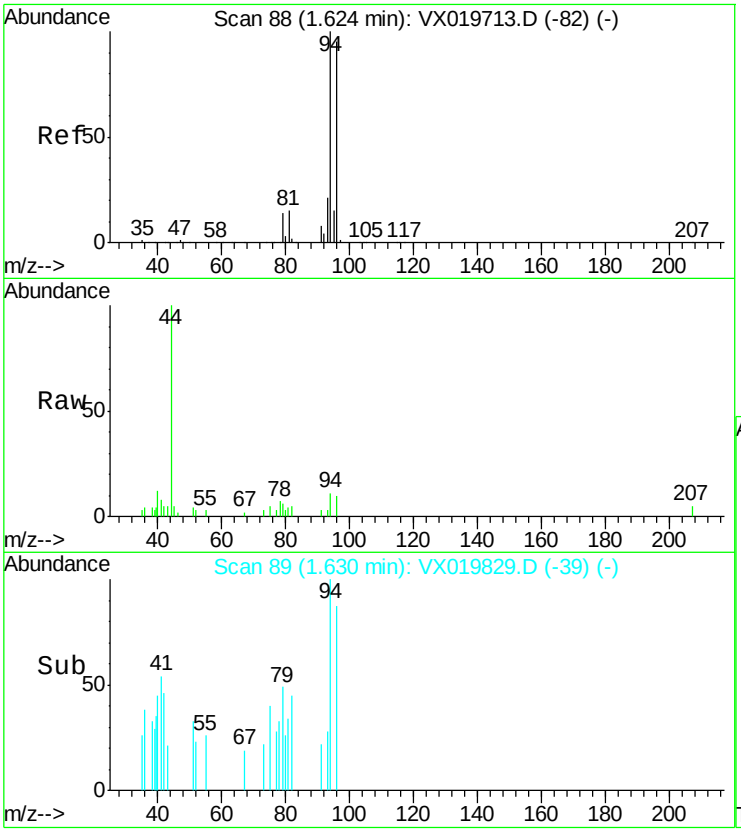


#2
Dichlorodifluoromethane
Concen: 0.467 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Tgt Ion: 85 Resp: 1358

Ion	Ratio	Lower	Upper
85	100		
87	29.9	16.4	49.2



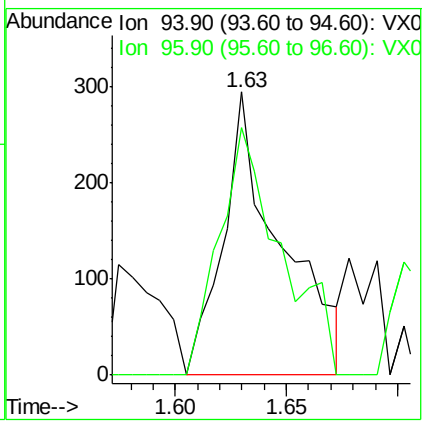


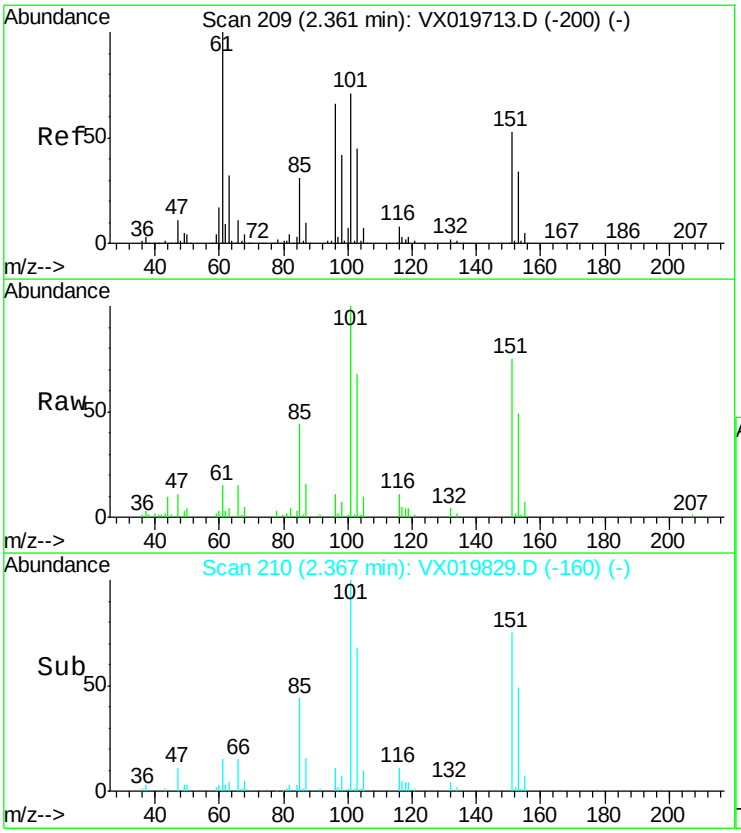
#5
Bromomethane
Concen: 0.441 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20201208

Tgt Ion: 94 Resp: 528

Ion	Ratio	Lower	Upper
94	100		
96	87.4	76.4	114.6

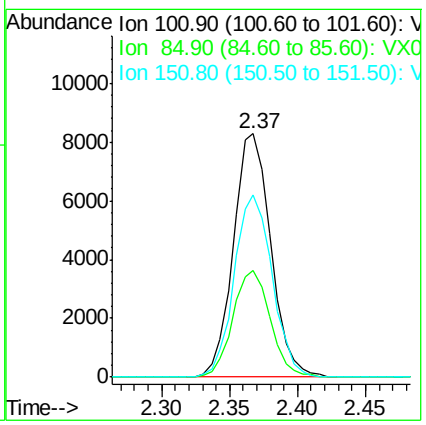


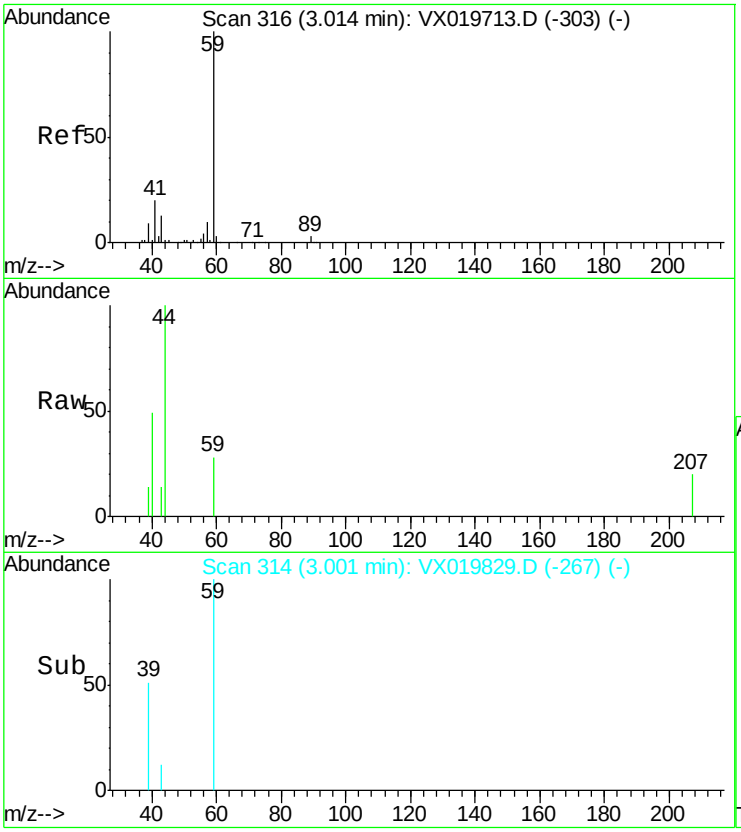


#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.526 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Tgt Ion:101 Resp: 15916

Ion	Ratio	Lower	Upper
101	100		
85	43.6	34.9	52.3
151	75.8	61.4	92.2



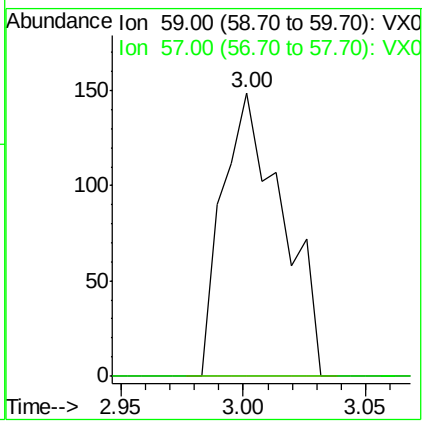


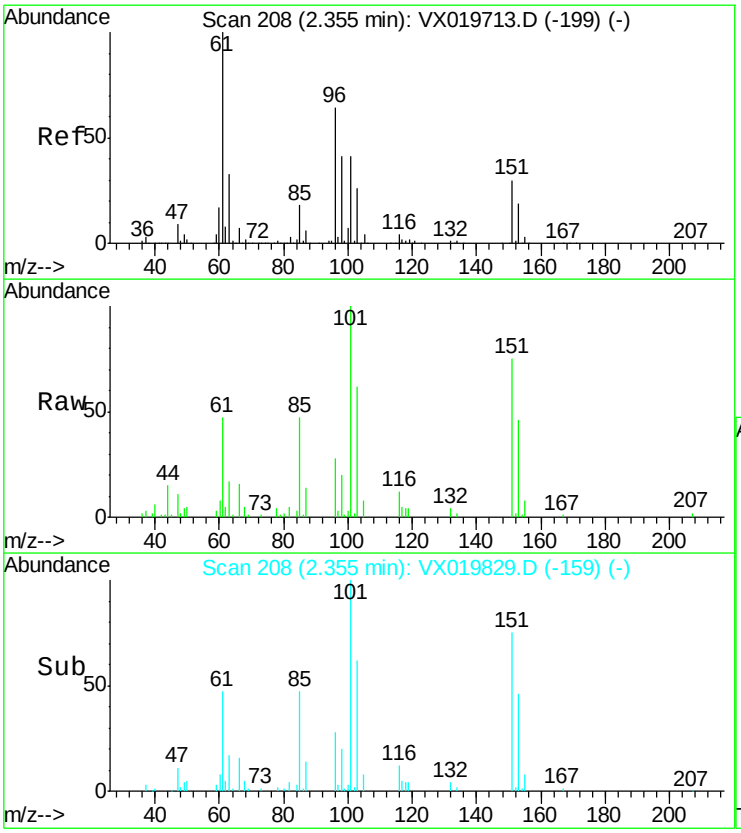
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Instrument : MSVOA_X
ClientSampleId : RE105D1-20201208

Tgt Ion: 59 Resp: 252

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

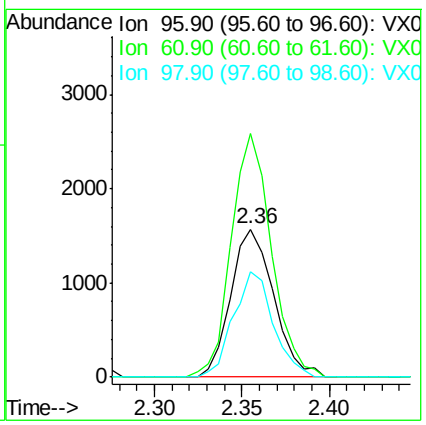


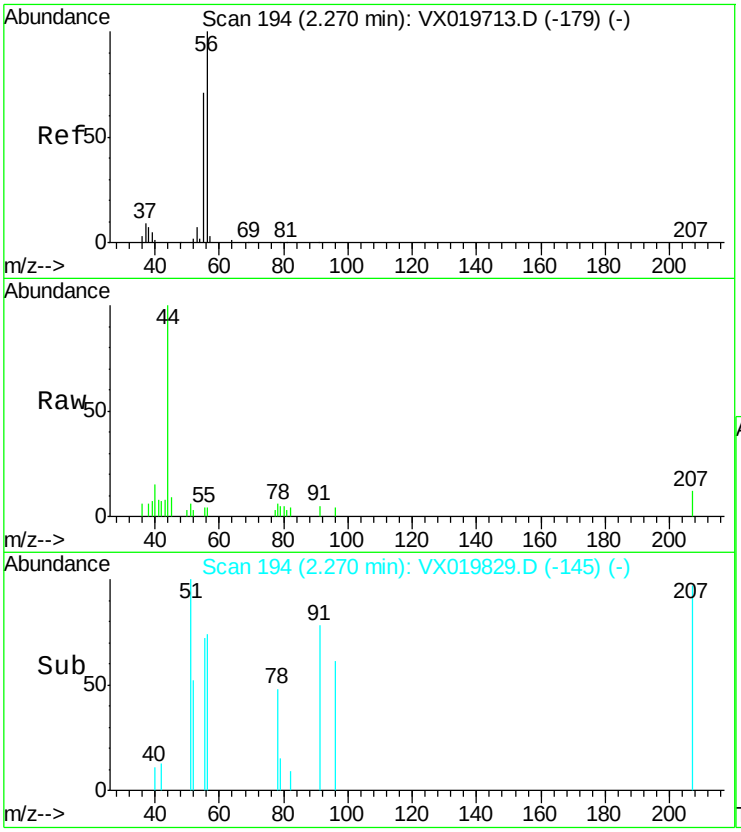


#12
1,1-Dichloroethene
Concen: 0.921 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Tgt Ion: 96 Resp: 2683

Ion	Ratio	Lower	Upper
96	100		
61	164.5	124.6	187.0
98	71.3	50.6	76.0



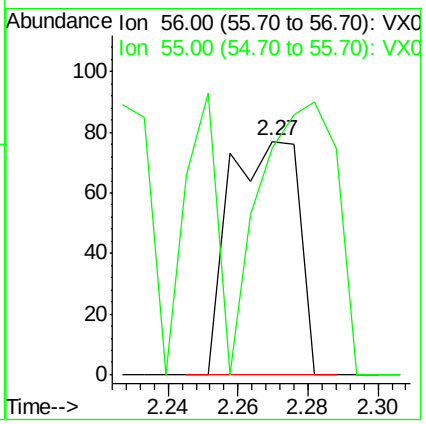


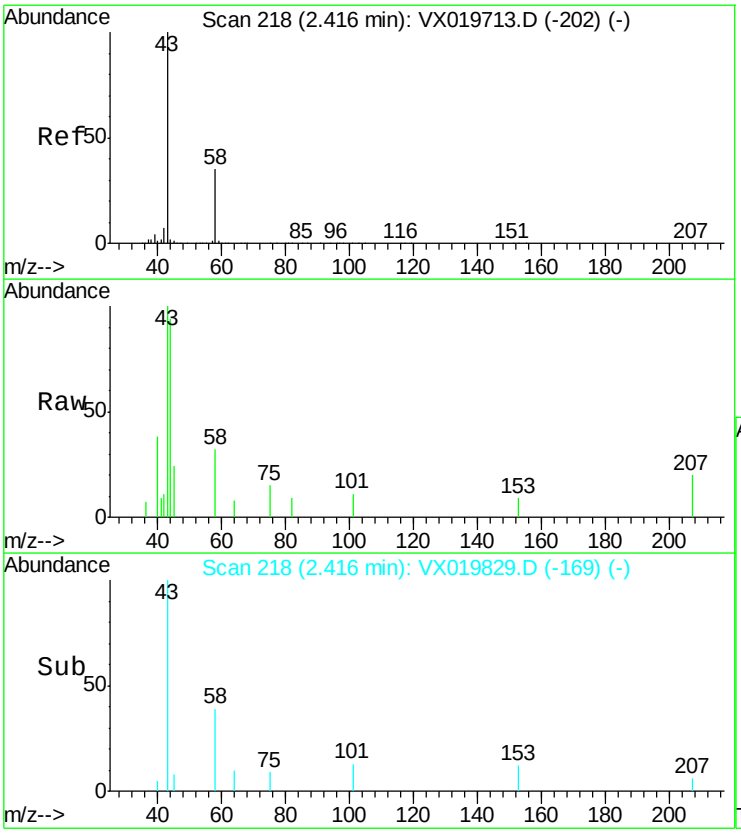
#13
Acrolein
Concen: 0.230 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20201208

Tgt Ion: 56 Resp: 106

Ion	Ratio	Lower	Upper
56	100		
55	131.1	56.4	84.6#

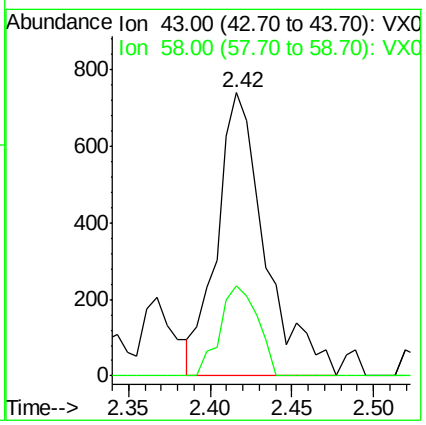


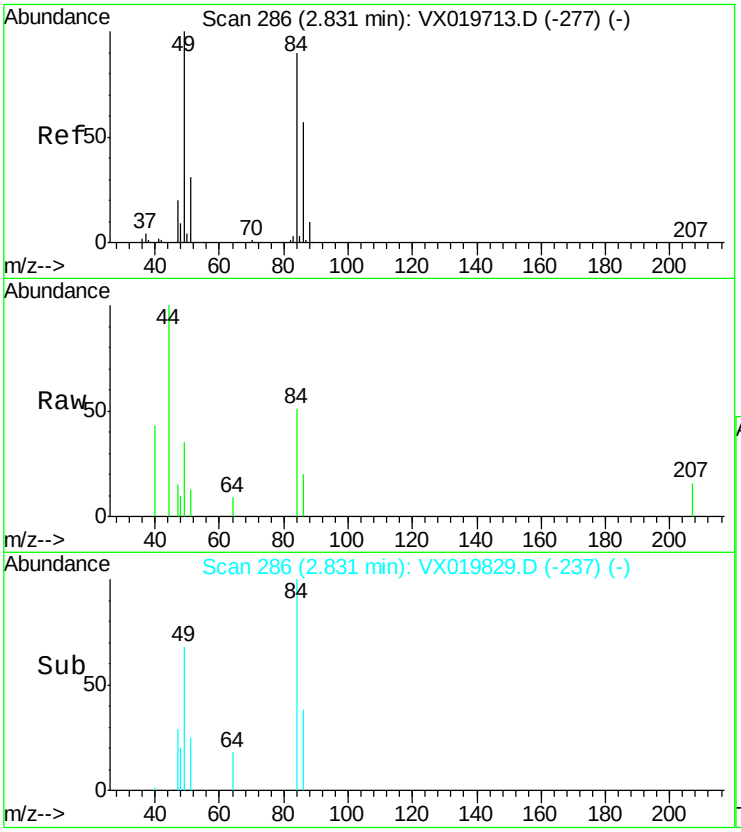


#16
Acetone
Concen: 0.962 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Tgt Ion: 43 Resp: 1511

Ion	Ratio	Lower	Upper
43	100		
58	31.9	27.8	41.8



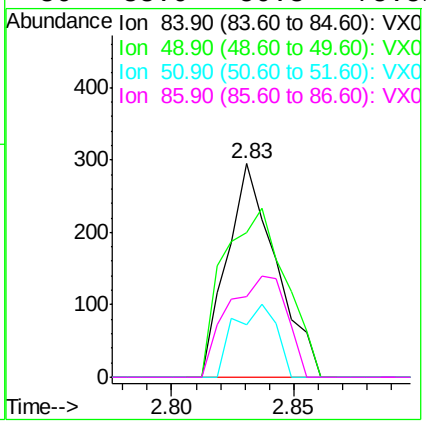


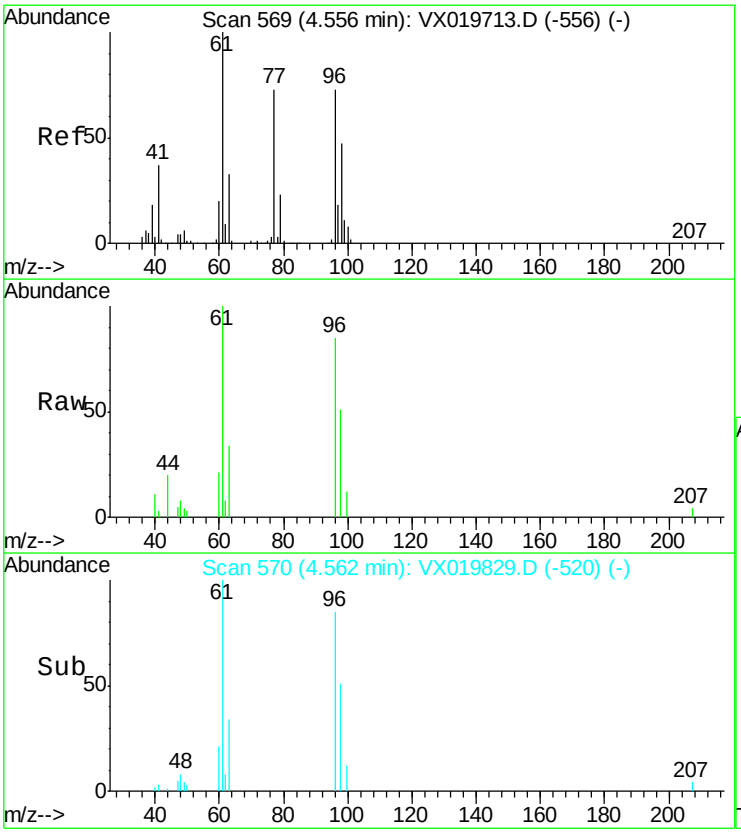
#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20201208

Tgt Ion: 84 Resp: 409

Ion	Ratio	Lower	Upper
84	100		
49	67.8	88.6	132.8#
51	24.7	27.0	40.6#
86	38.0	50.3	75.5#

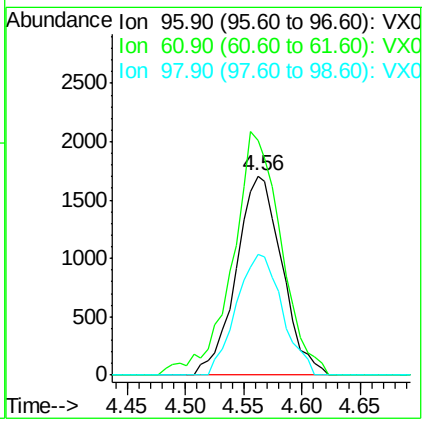


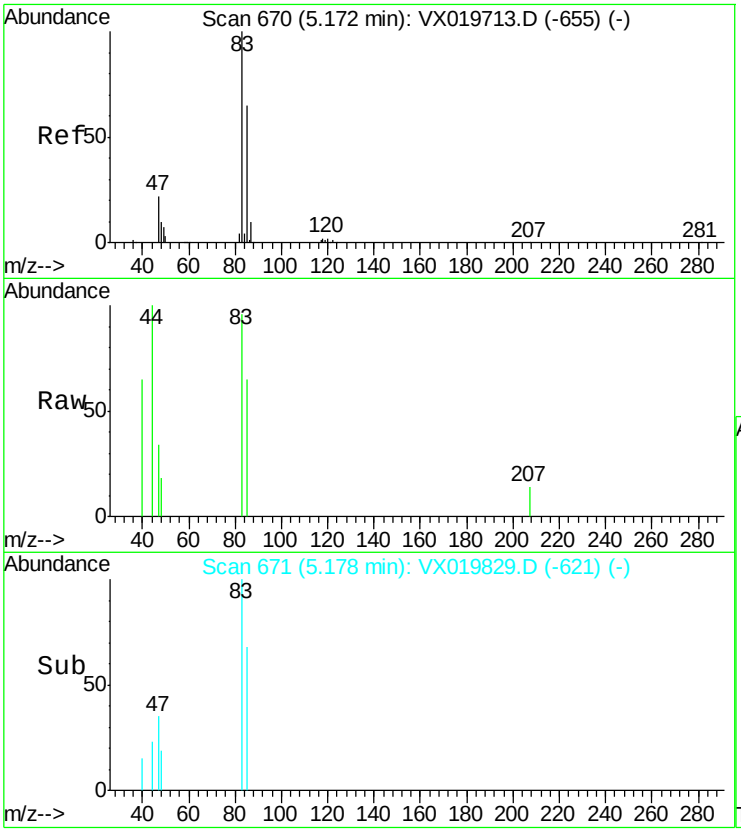


#27
cis-1,2-Dichloroethene
Concen: 1.176 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Tgt Ion: 96 Resp: 4674

Ion	Ratio	Lower	Upper
96	100		
61	129.3	0.0	285.6
98	60.4	0.0	129.6



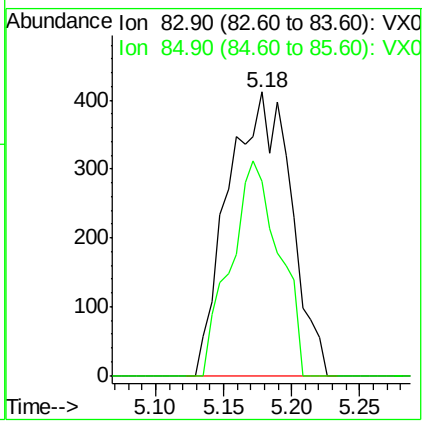


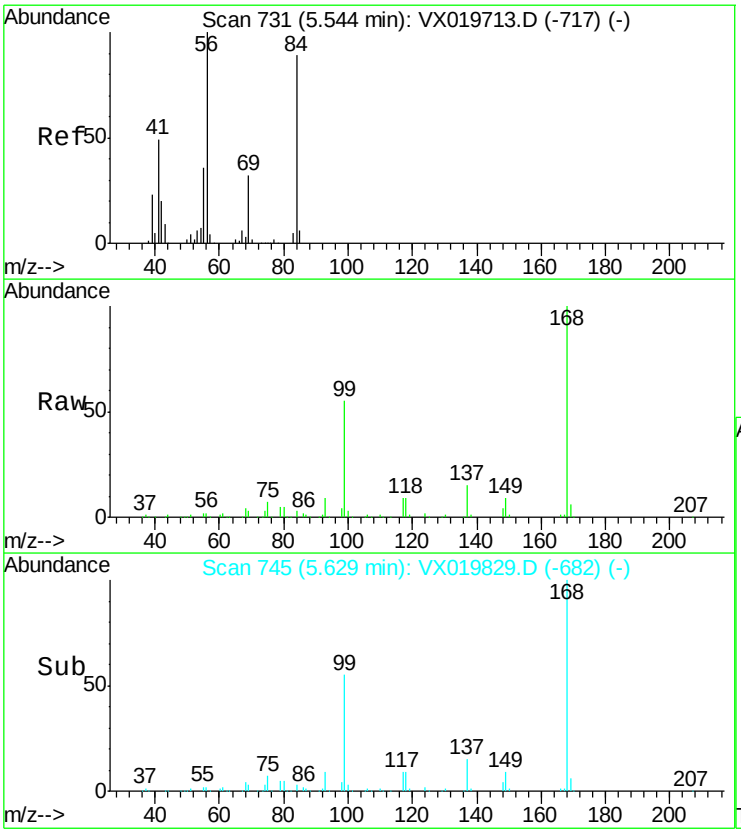
#30
Chloroform
Concen: 0.214 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20201208

Tgt Ion: 83 Resp: 1322

Ion	Ratio	Lower	Upper
83	100		
85	68.4	52.0	78.0

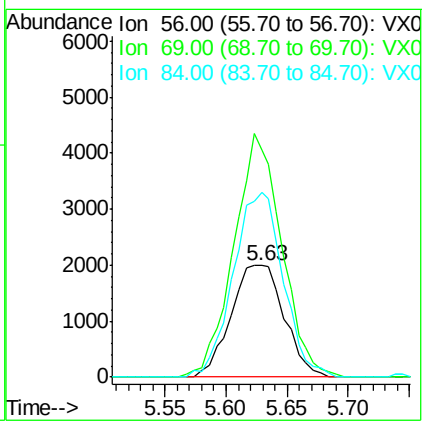


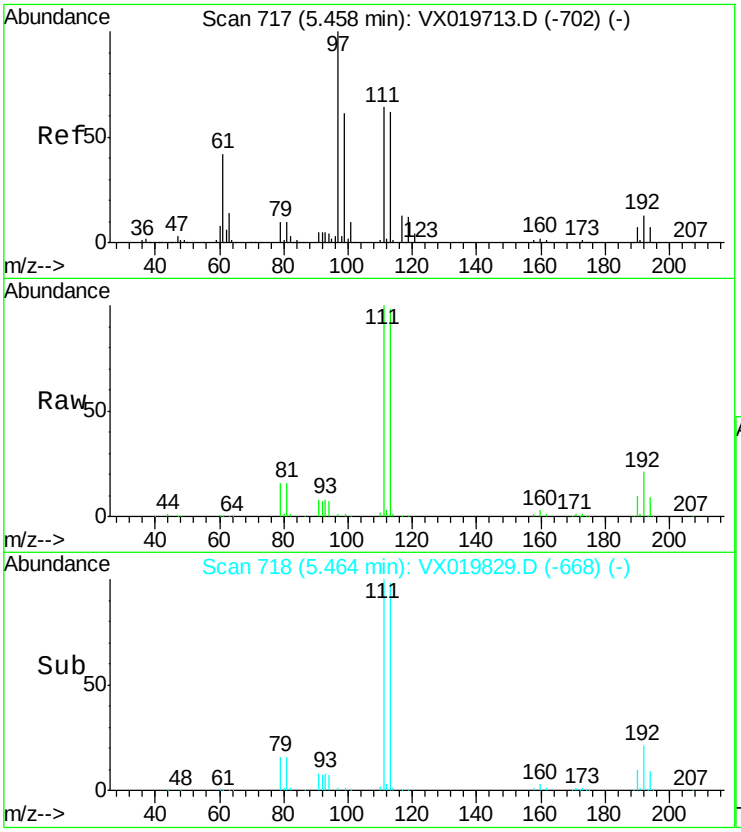


#31
Cyclohexane
Concen: 1.158 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.09 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Tgt Ion: 56 Resp: 6019

Ion	Ratio	Lower	Upper
56	100		
69	201.0	25.3	37.9#
84	165.5	71.4	107.0#



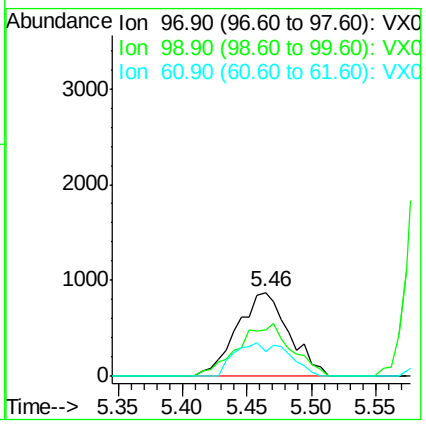


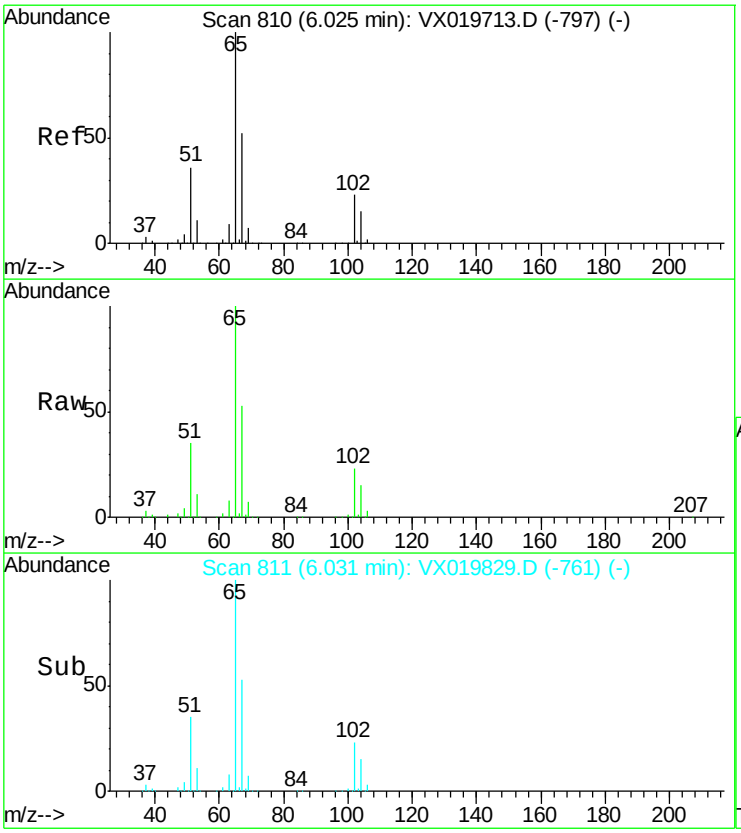
#32
1,1,1-Trichloroethane
Concen: 0.460 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20201208

Tgt Ion: 97 Resp: 2442

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3#
61	24.4	34.2	51.4#

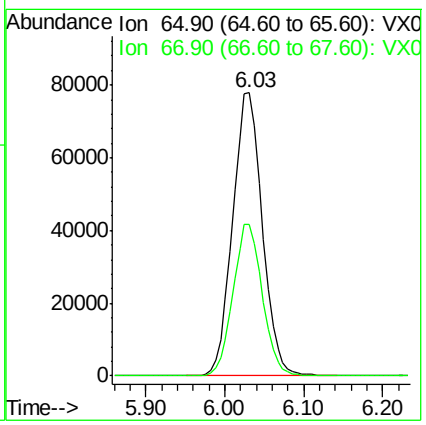


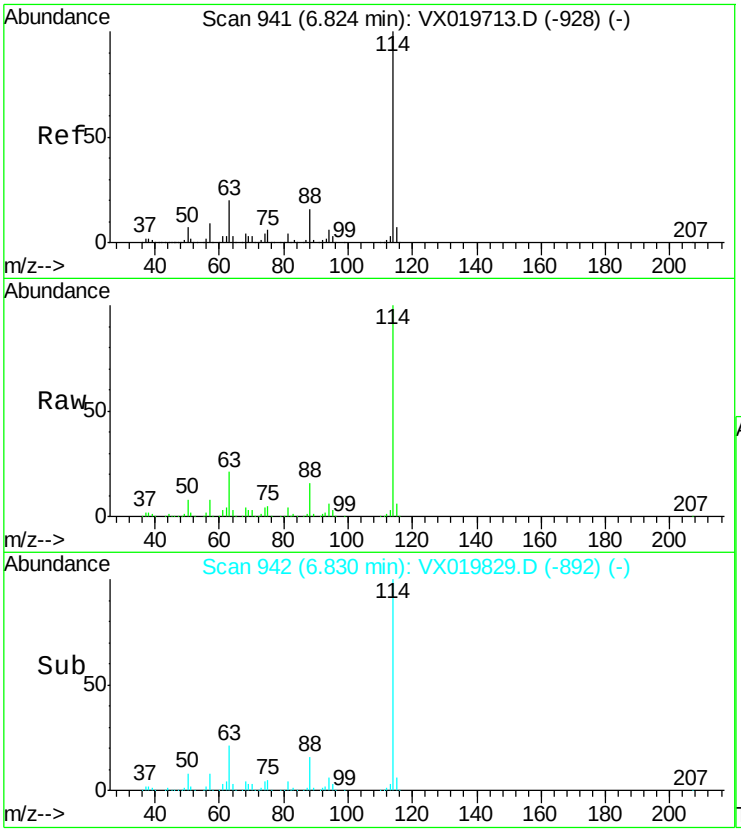


#33
1,2-Dichloroethane-d4
Concen: 48.914 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Tgt Ion: 65 Resp: 204318

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.4



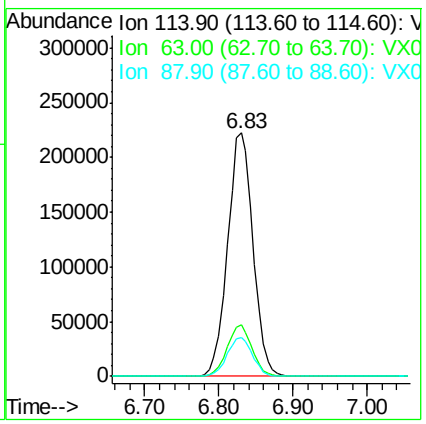


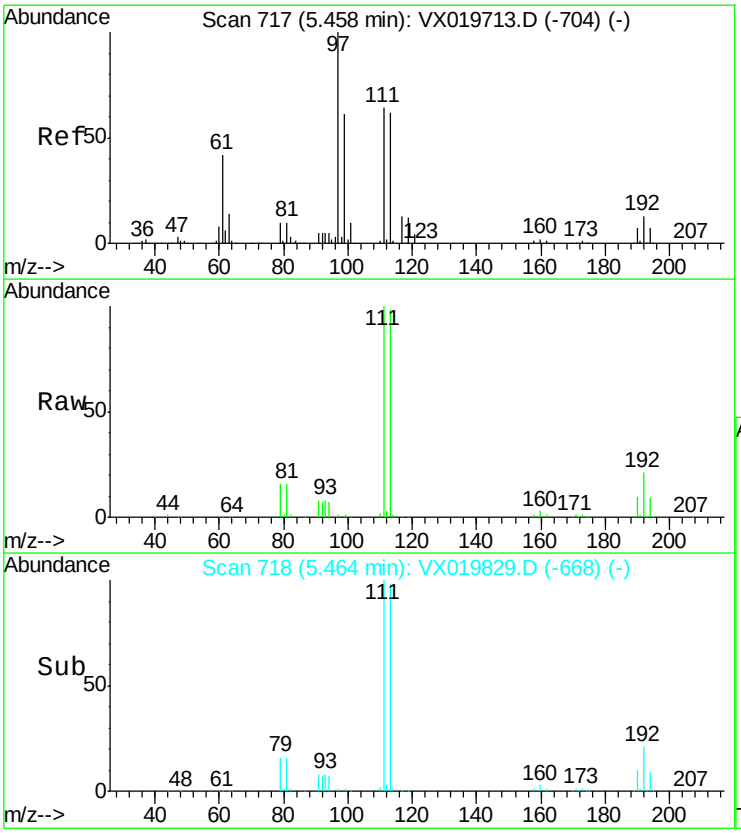
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20201208

Tgt Ion:114 Resp: 528575

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.8
88	16.1	0.0	32.8

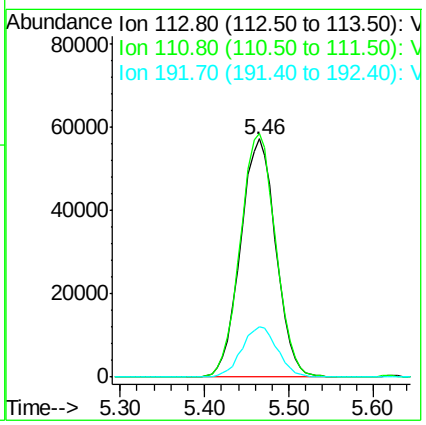


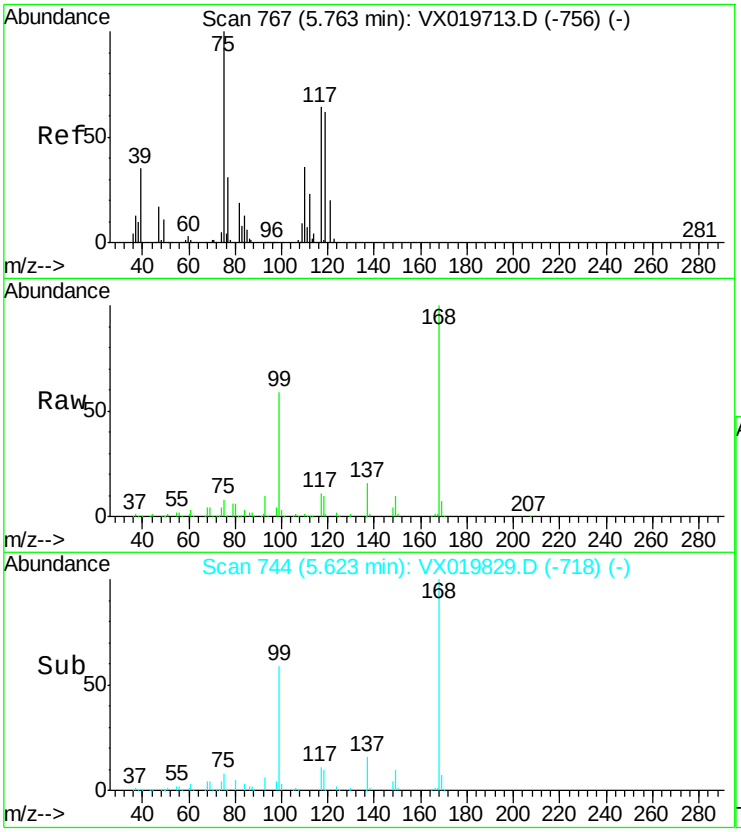


#35
Dibromofluoromethane
Concen: 47.506 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Tgt Ion:113 Resp: 162285

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	21.3	16.7	25.1



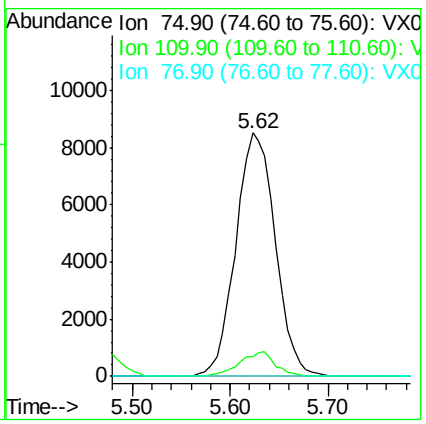


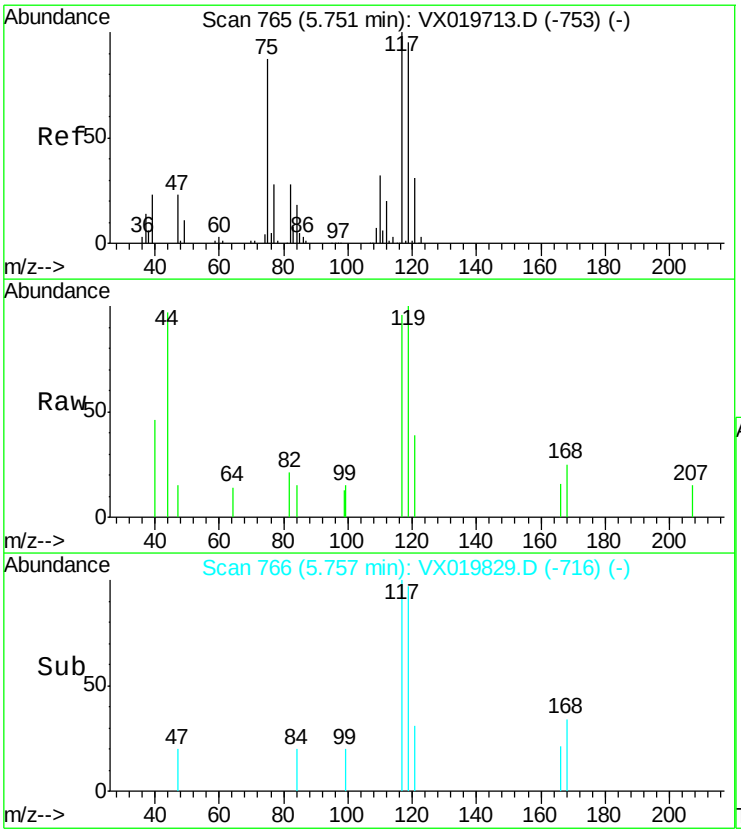
#36
1,1-Dichloropropene
Concen: 5.007 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Instrument : MSVOA_X
ClientSampleId : RE105D1-20201208

Tgt Ion: 75 Resp: 23916

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.4#
77	0.0	25.3	37.9#

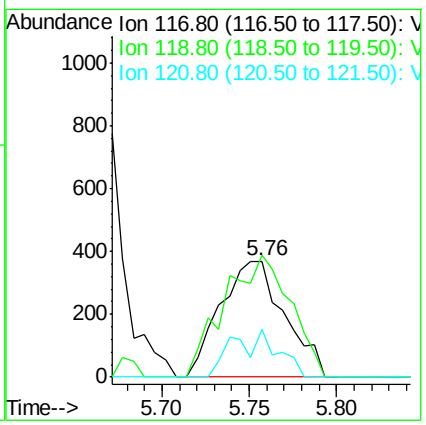


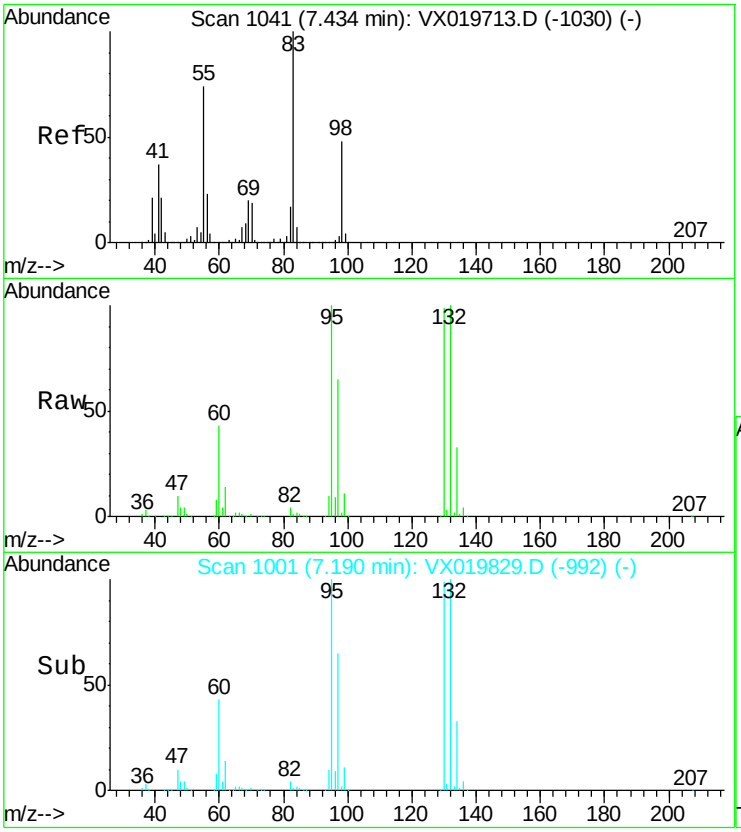


#38
Carbon Tetrachloride
Concen: 0.202 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Tgt Ion:117 Resp: 943

Ion	Ratio	Lower	Upper
117	100		
119	104.6	76.2	114.2
121	41.1	24.8	37.2#



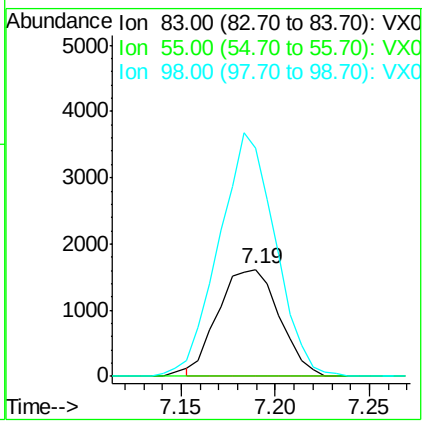


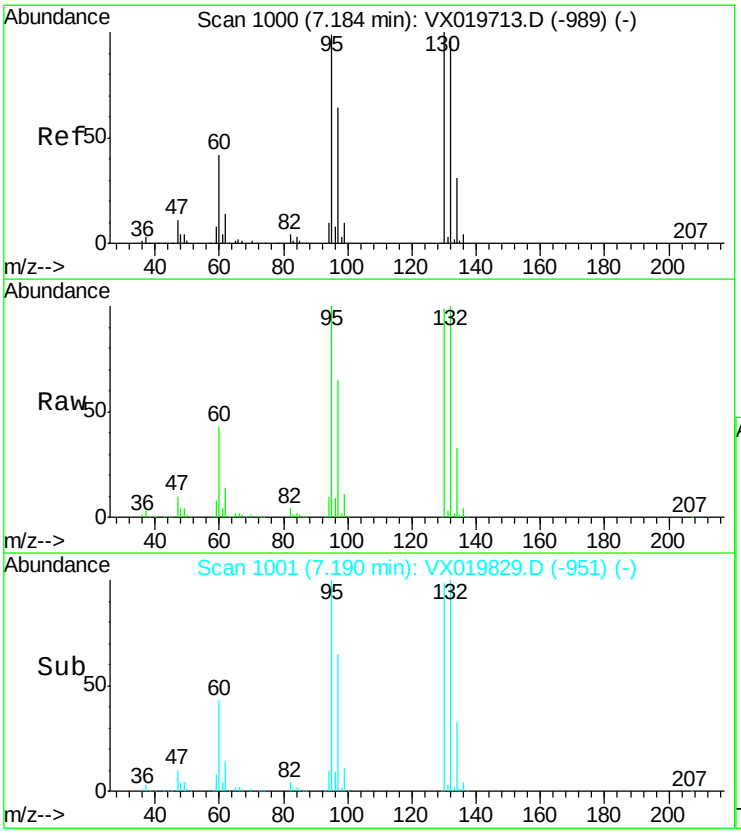
#39
Methylcyclohexane
Concen: 0.646 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.24 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20201208

Tgt Ion: 83 Resp: 3627

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	210.2	38.1	57.1#

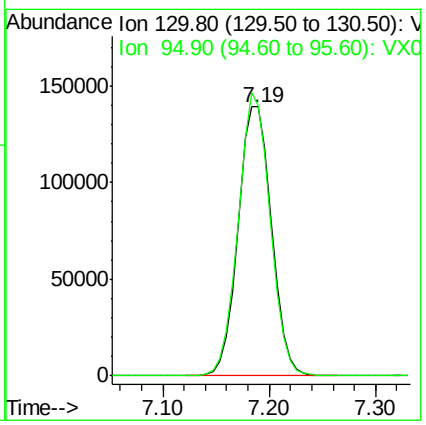


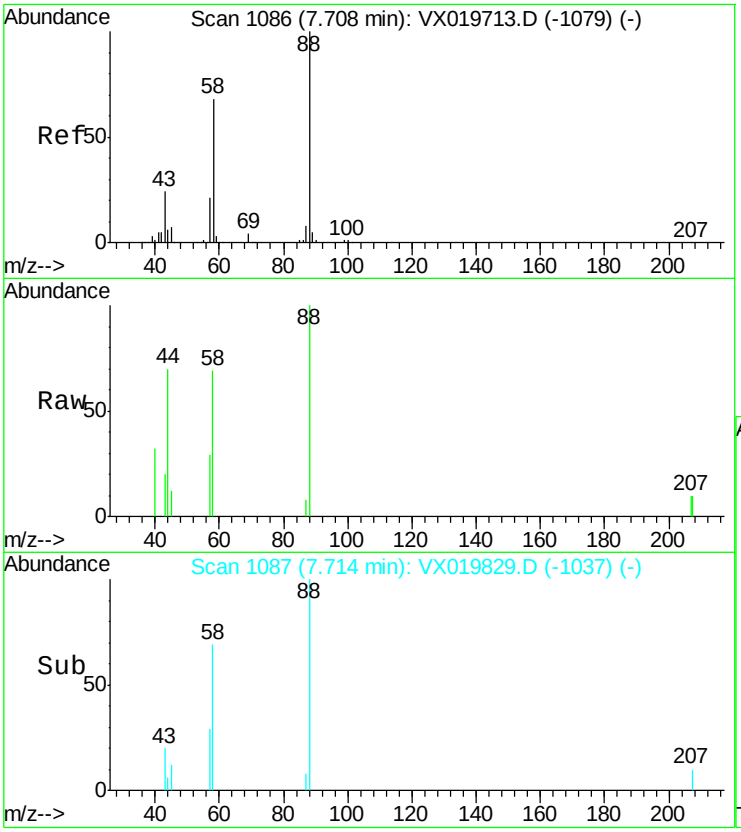


#44
Trichloroethene
Concen: 80.411 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Tgt Ion:130 Resp: 307827

Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	198.0



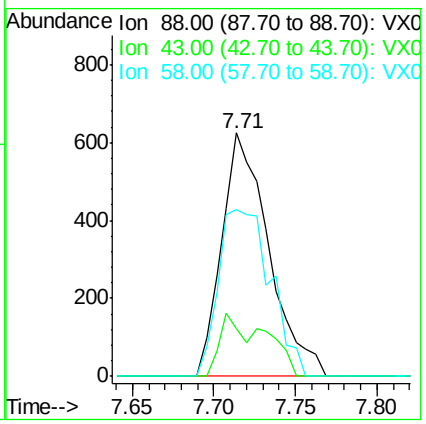


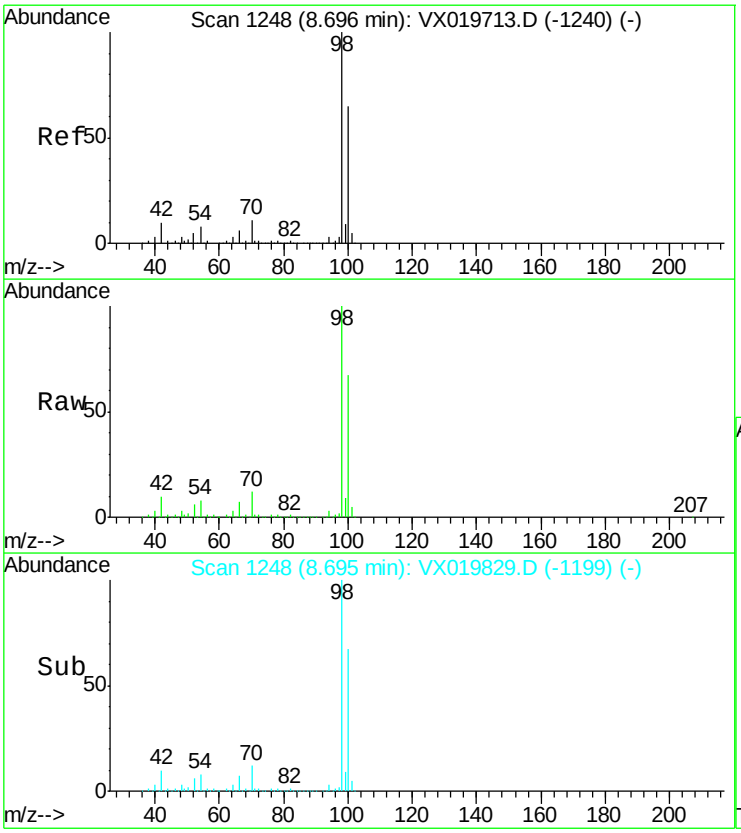
#49
1,4-Dioxane
Concen: 13.403 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20201208

Tgt Ion: 88 Resp: 1252

Ion	Ratio	Lower	Upper
88	100		
43	12.9	23.2	34.8#
58	76.2	55.0	82.4

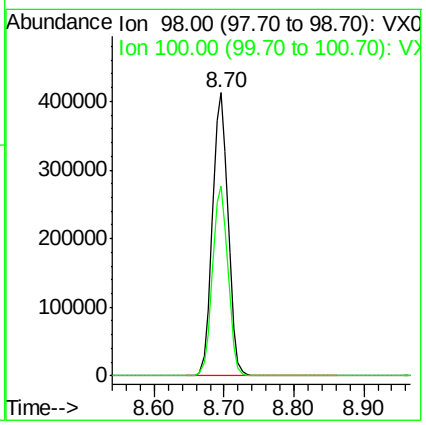


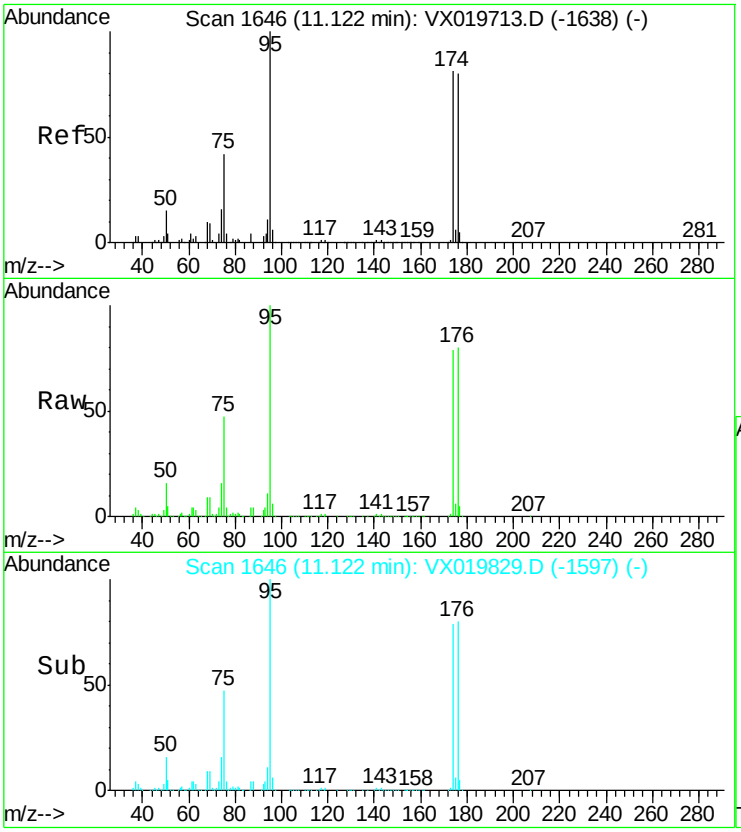


#50
Toluene-d8
Concen: 49.048 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Tgt Ion: 98 Resp: 639669

Ion	Ratio	Lower	Upper
98	100		
100	66.2	51.9	77.9



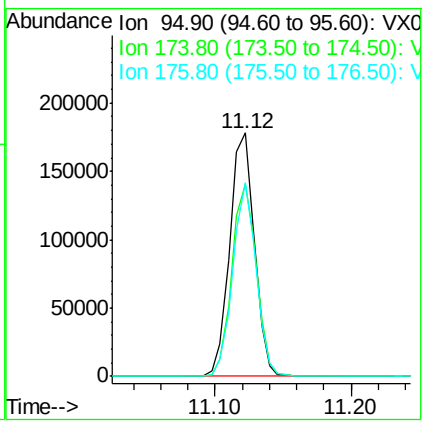


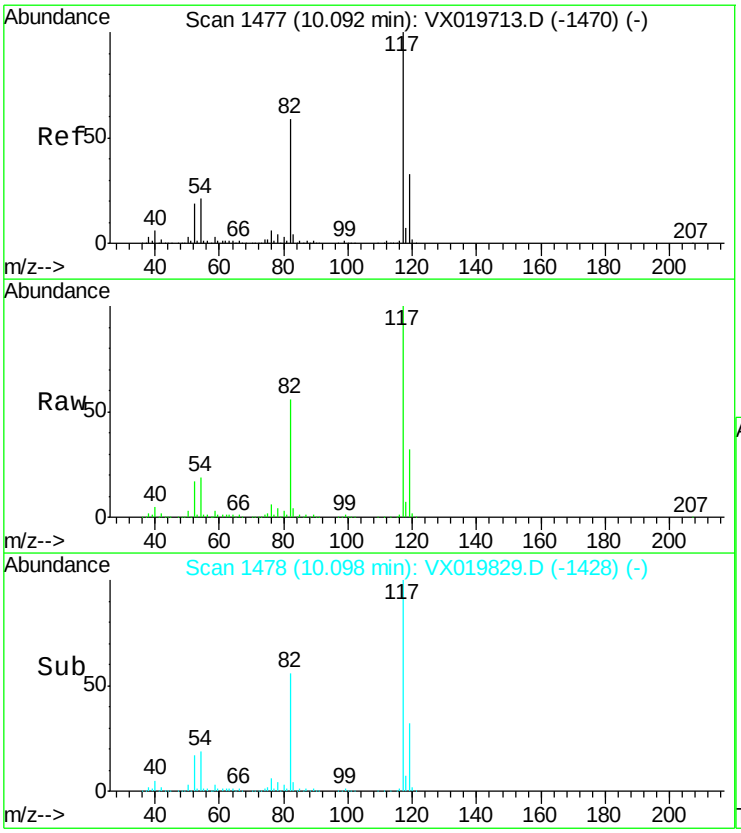
#62
4-Bromofluorobenzene
Concen: 45.278 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20201208

Tgt Ion: 95 Resp: 224755

Ion	Ratio	Lower	Upper
95	100		
174	78.7	0.0	154.6
176	75.4	0.0	155.8

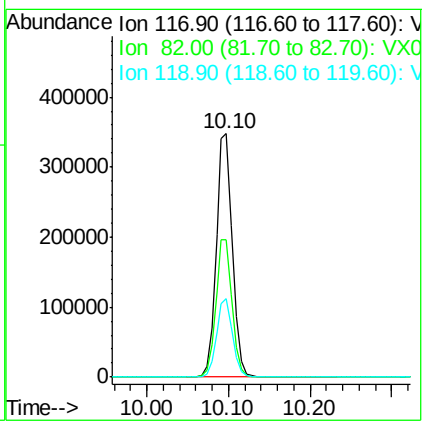


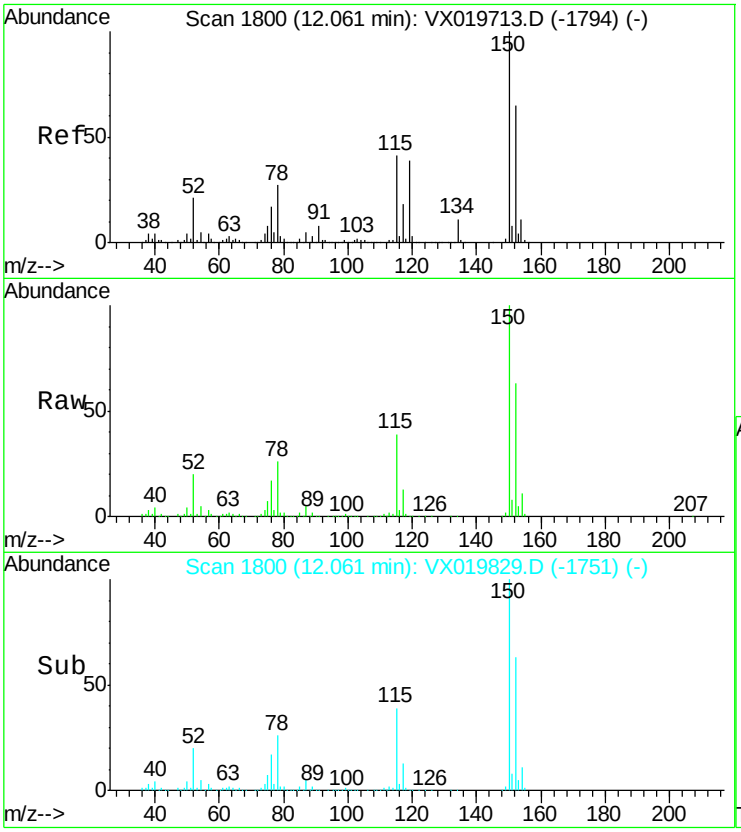


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Tgt Ion:117 Resp: 481834

Ion	Ratio	Lower	Upper
117	100		
82	56.3	47.4	71.2
119	32.0	26.6	39.8



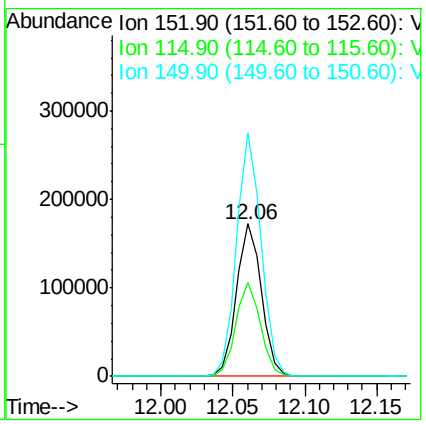


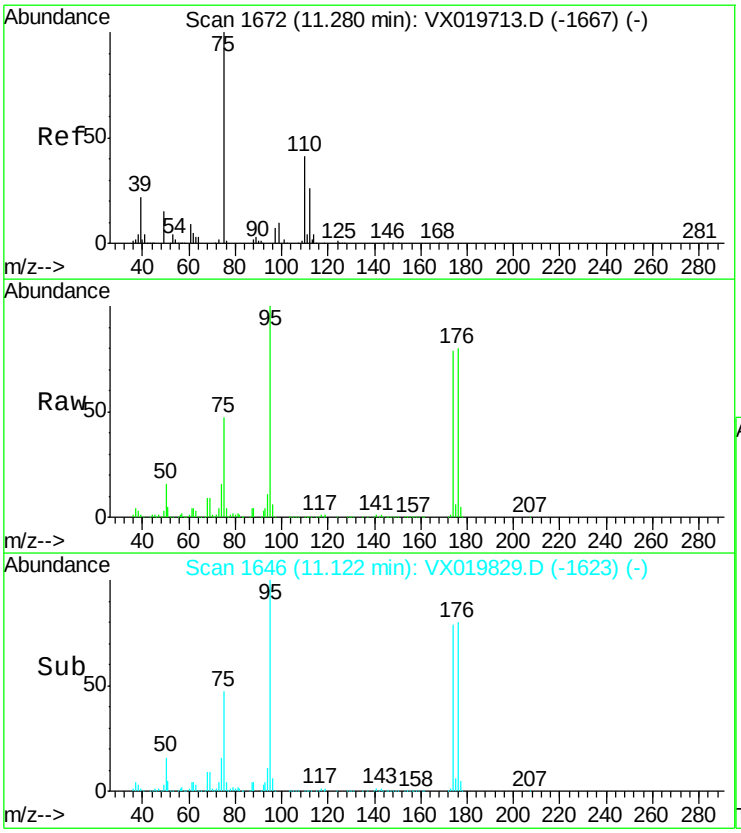
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20201208

Tgt Ion:152 Resp: 207129

Ion	Ratio	Lower	Upper
152	100		
115	61.1	41.1	123.3
150	157.9	0.0	349.0

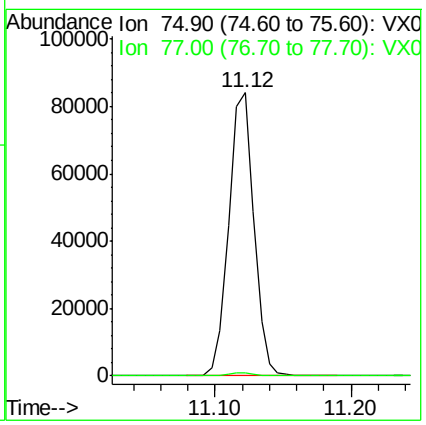


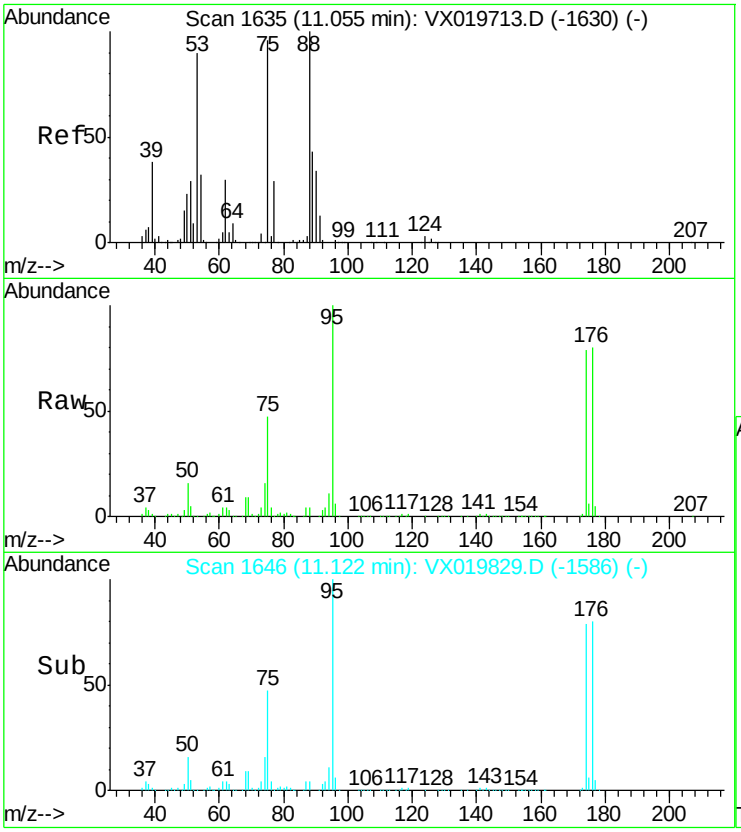


#76
1,2,3-Trichloropropane
Concen: 23.241 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Tgt Ion: 75 Resp: 107968

Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.186 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019829.D
Acq: 10 Dec 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20201208

Tgt Ion: 75 Resp: 107968

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