Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121120\
Data File : VX019883.D
Acq On : 11 Dec 2020 18:33
Operator : JC/MD
Sample : L4996-25
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FB01-20201208

Quant Time: Dec 12 00:05:35 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	336496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	552426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	507223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225380	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	207714	46.97	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 93.94%			
35) Dibromofluoromethane	5.46	113	168716	47.26	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.52%			
50) Toluene-d8	8.70	98	667743	48.99	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.98%			
62) 4-Bromofluorobenzene	11.12	95	237683	45.82	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.64%			
Target Compounds						Qvalue
5) Bromomethane	1.63	94	808	0.637	ug/l #	65
10) Methyl Iodide	2.49	142	2122	0.472	ug/l	98
11) Tert butyl alcohol	3.01	59	451	Below Cal	#	86
13) Acrolein	2.27	56	338	0.692	ug/l #	5
15) Acrylonitrile	3.12	53	439	0.220	ug/l #	95
16) Acetone	2.42	43	9141	5.499	ug/l	91
20) Methylene Chloride	2.83	84	5062	Below Cal		93
25) 2-Butanone	4.64	43	1826	0.715	ug/l	94
29) Tetrahydrofuran	5.10	42	1282	0.779	ug/l #	75
31) Cyclohexane	5.62	56	6391	1.162	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	24823	4.973	ug/l #	48
37) Ethyl Acetate	4.64	43	1826	0.362	ug/l #	64
38) Carbon Tetrachloride	5.63	117	32618	6.673	ug/l #	16
51) 4-Methyl-2-Pentanone	8.62	43	1257	0.251	ug/l	95
52) Toluene	8.76	92	24908	2.612	ug/l	97
76) 1,2,3-Trichloropropane	11.12	75	113959	22.544	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	113959	65.172	ug/l #	12
94) Hexachlorobutadiene	13.77	225	412	0.201	ug/l	88

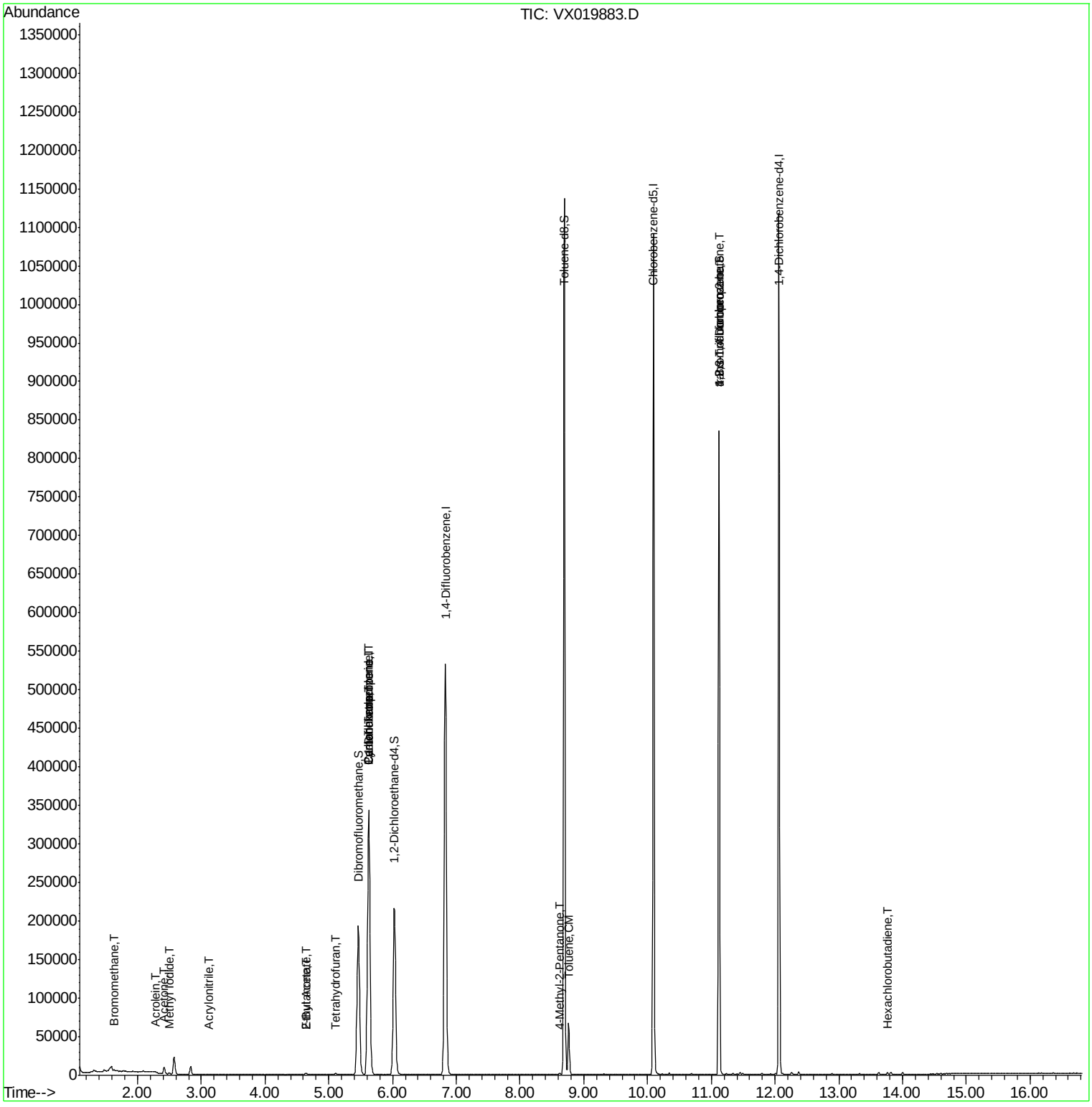
(#) = qualifier out of range (m) = manual integration (+) = signals summed

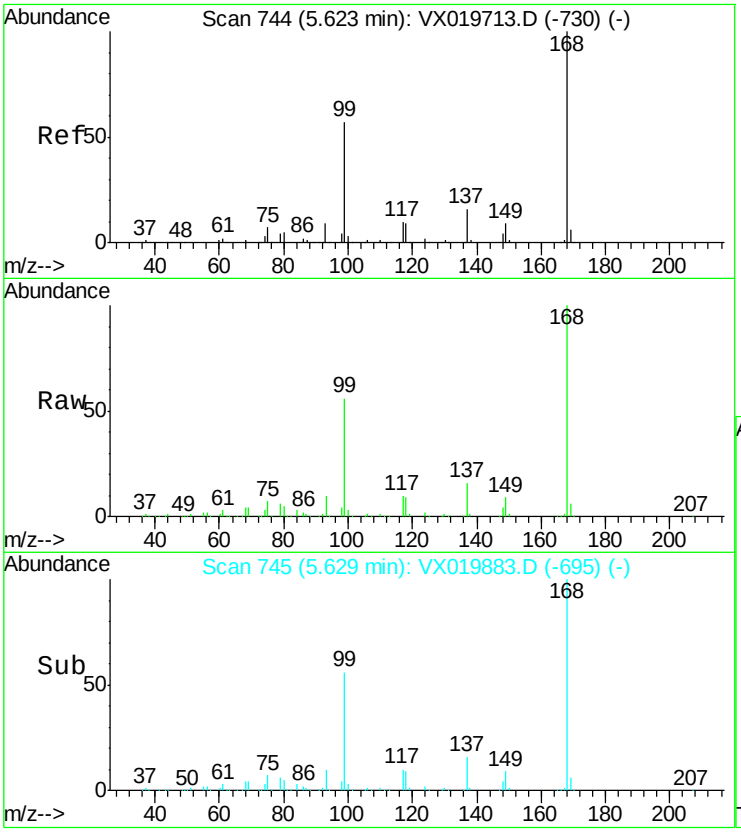
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121120\
Data File : VX019883.D
Acq On : 11 Dec 2020 18:33
Operator : JC/MD
Sample : L4996-25
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB01-20201208

Quant Time: Dec 12 00:05:35 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



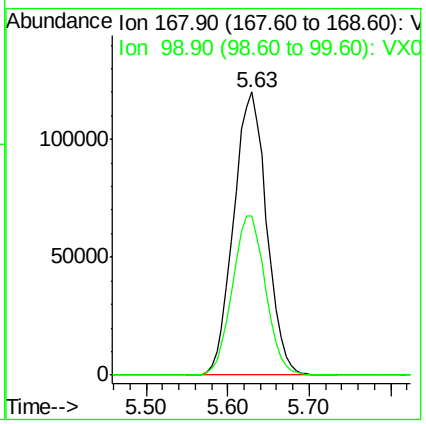


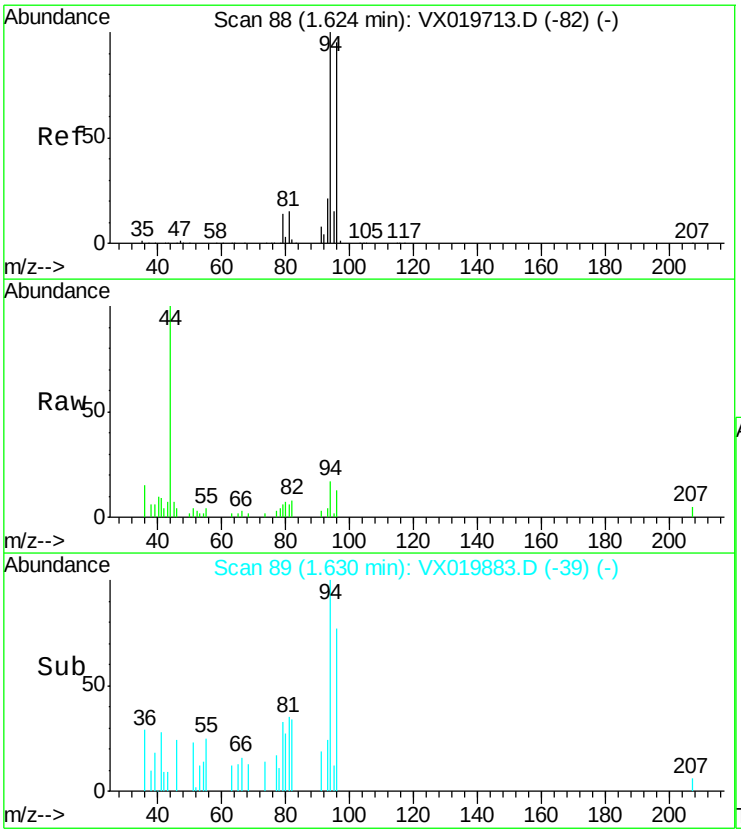
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Instrument :
MSVOA_X
ClientSampleId :
FB01-20201208

Tgt Ion:168 Resp: 336496

Ion	Ratio	Lower	Upper
168	100		
99	56.4	45.8	68.6

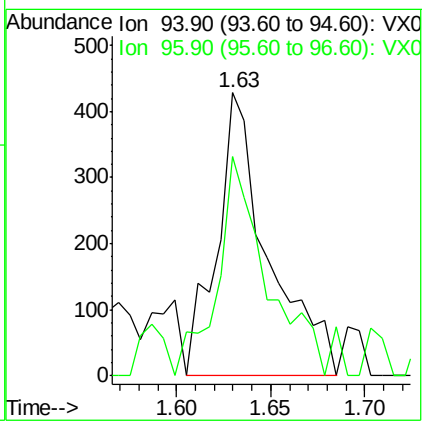


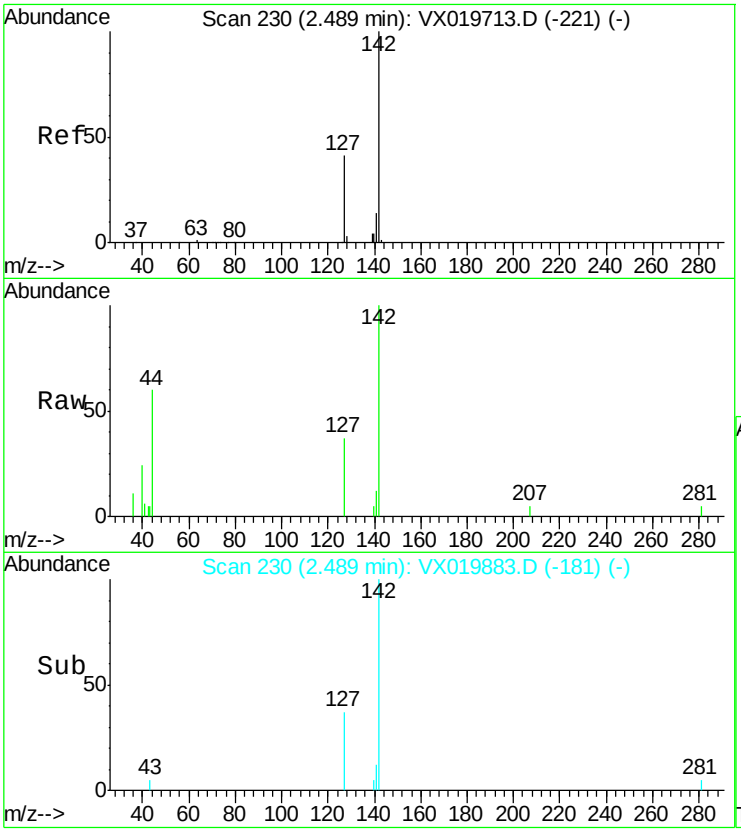


#5
Bromomethane
Concen: 0.637 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Tgt Ion: 94 Resp: 808

Ion	Ratio	Lower	Upper
94	100		
96	61.7	76.4	114.6#



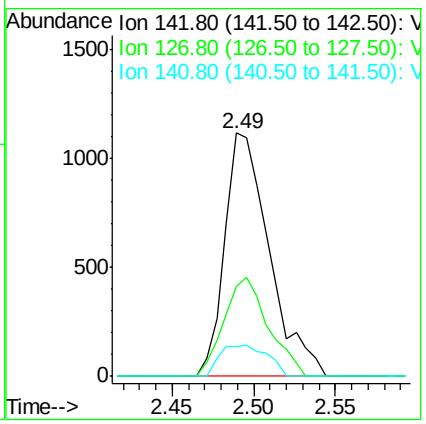


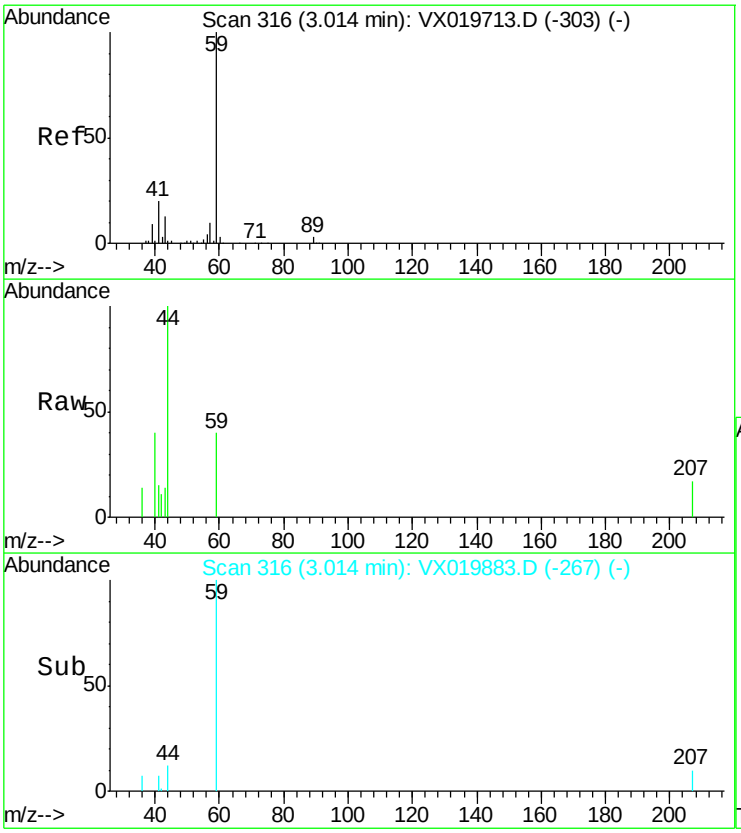
#10
Methyl Iodide
Concen: 0.472 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Instrument :
MSVOA_X
ClientSampleId :
FB01-20201208

Tgt Ion:142 Resp: 2122

Ion	Ratio	Lower	Upper
142	100		
127	40.4	33.3	49.9
141	13.8	11.4	17.0

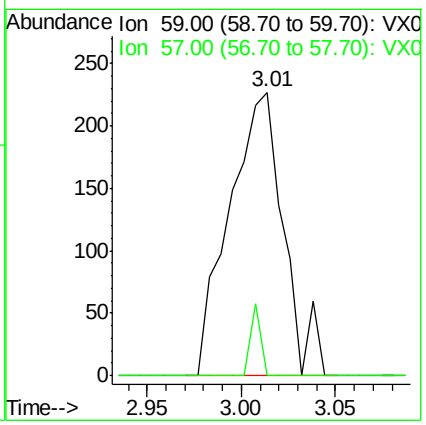


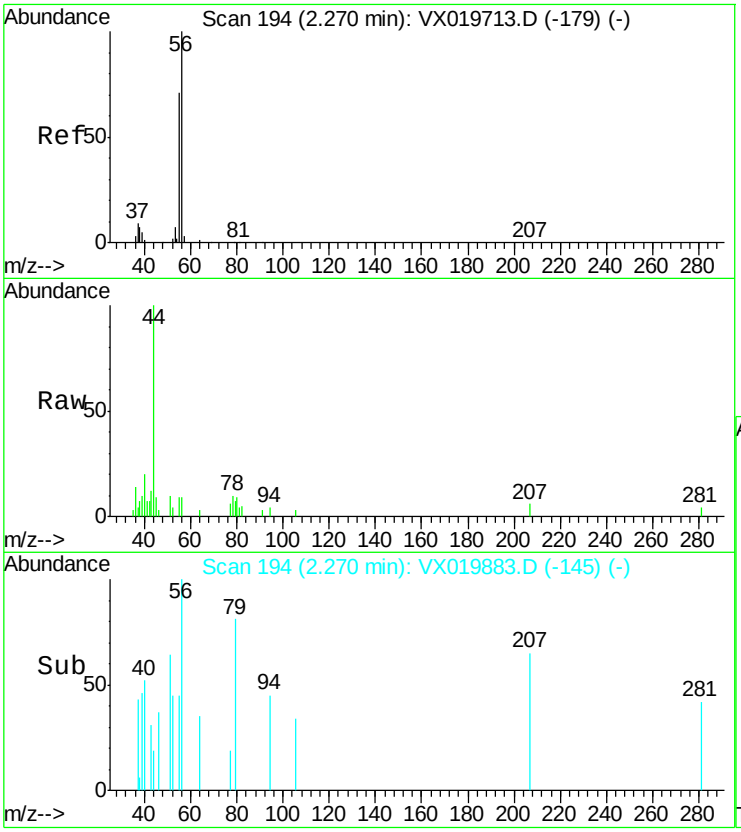


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Tgt Ion: 59 Resp: 451

Ion	Ratio	Lower	Upper
59	100		
57	4.7	7.8	11.8#



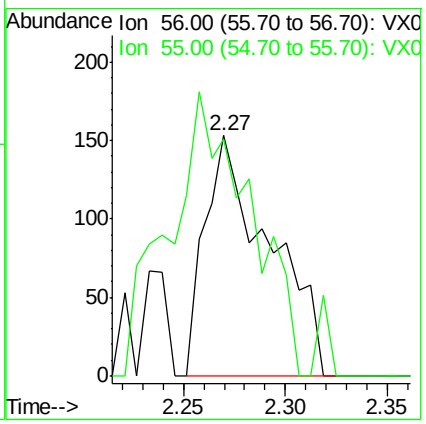


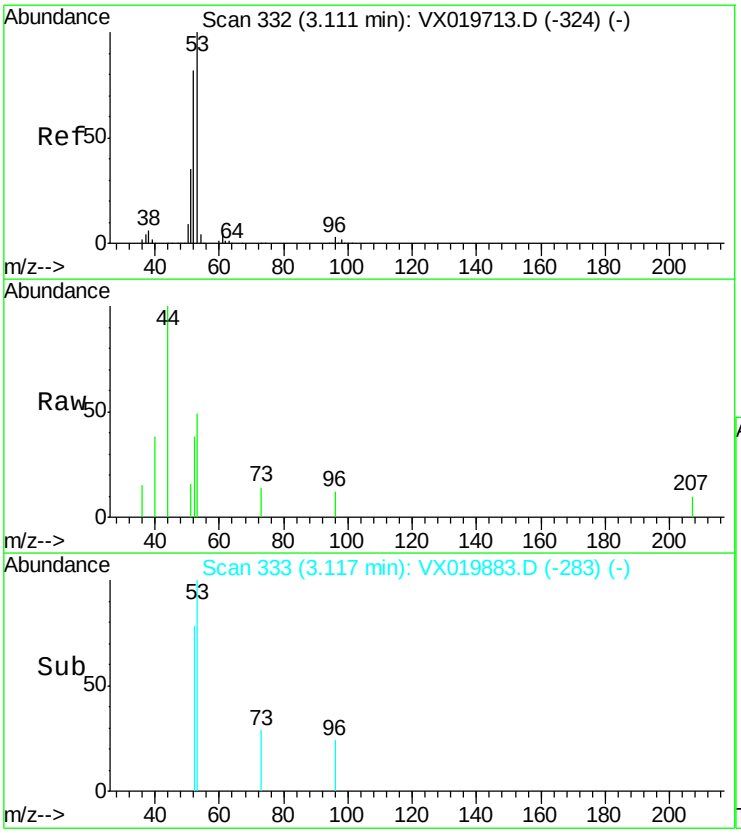
#13
Acrolein
Concen: 0.692 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Instrument :
MSVOA_X
ClientSampleId :
FB01-20201208

Tgt Ion: 56 Resp: 338

Ion	Ratio	Lower	Upper
56	100		
55	148.5	56.4	84.6#

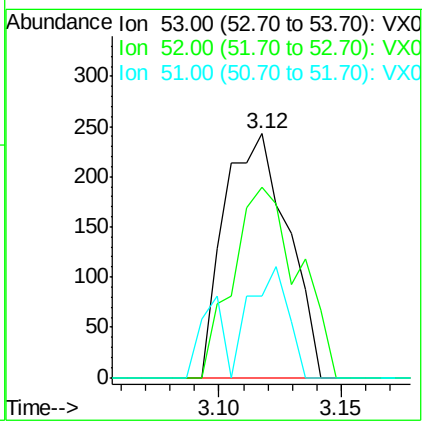


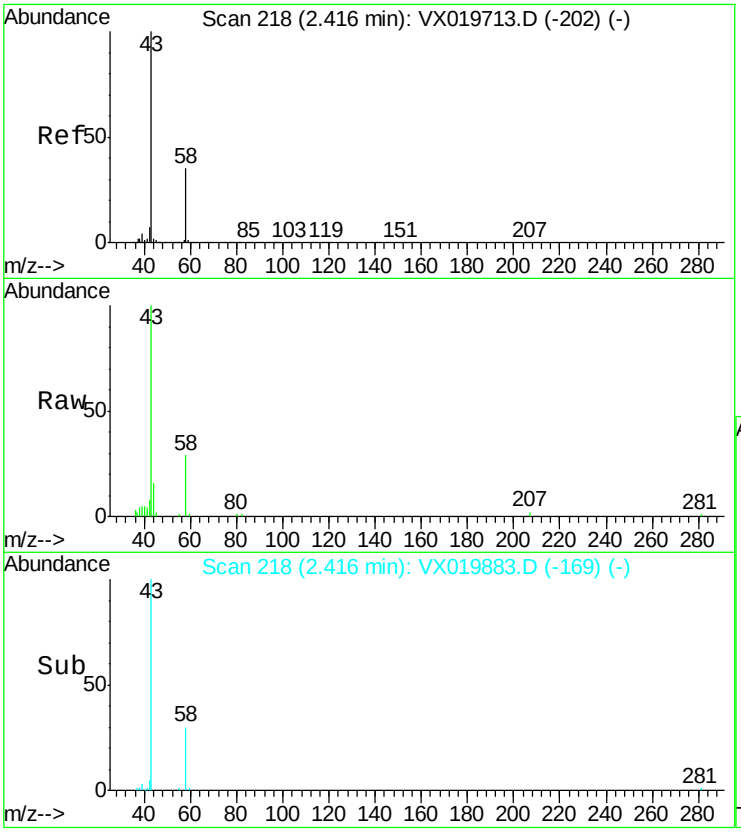


#15
Acrylonitrile
Concen: 0.220 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.01 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Tgt Ion: 53 Resp: 439

Ion	Ratio	Lower	Upper
53	100		
52	80.4	65.3	97.9
51	27.3	28.2	42.2#



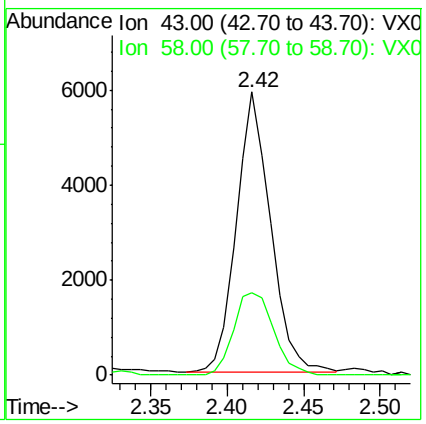


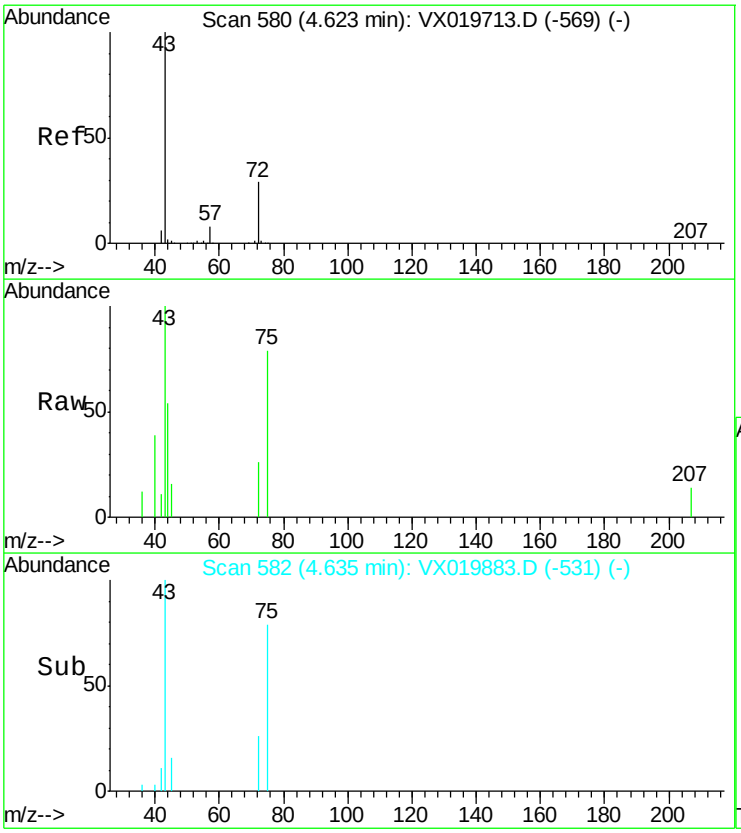
#16
Acetone
Concen: 5.499 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Instrument :
MSVOA_X
ClientSampleId :
FB01-20201208

Tgt Ion: 43 Resp: 9141

Ion	Ratio	Lower	Upper
43	100		
58	29.5	27.8	41.8

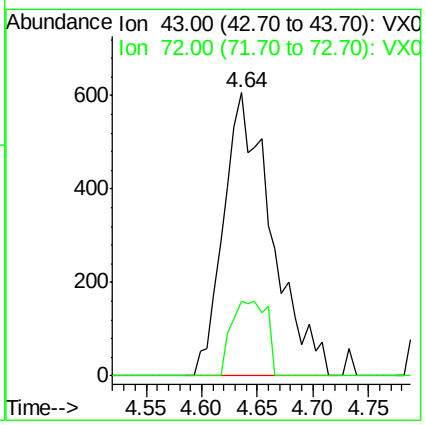


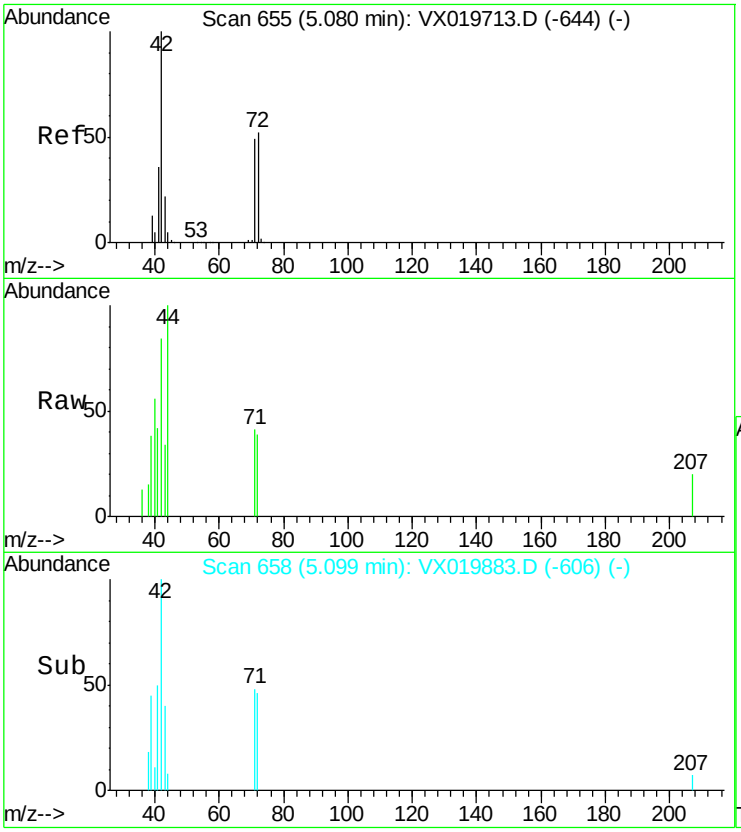


#25
2-Butanone
Concen: 0.715 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Tgt Ion: 43 Resp: 1826

Ion	Ratio	Lower	Upper
43	100		
72	26.4	23.7	35.5



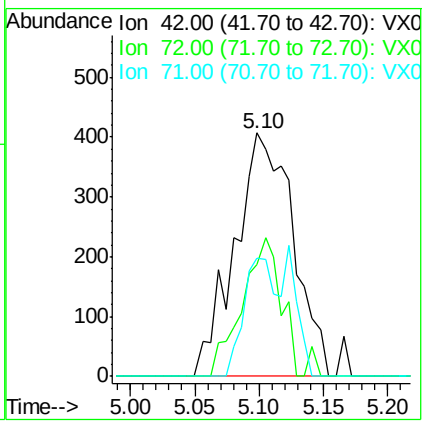


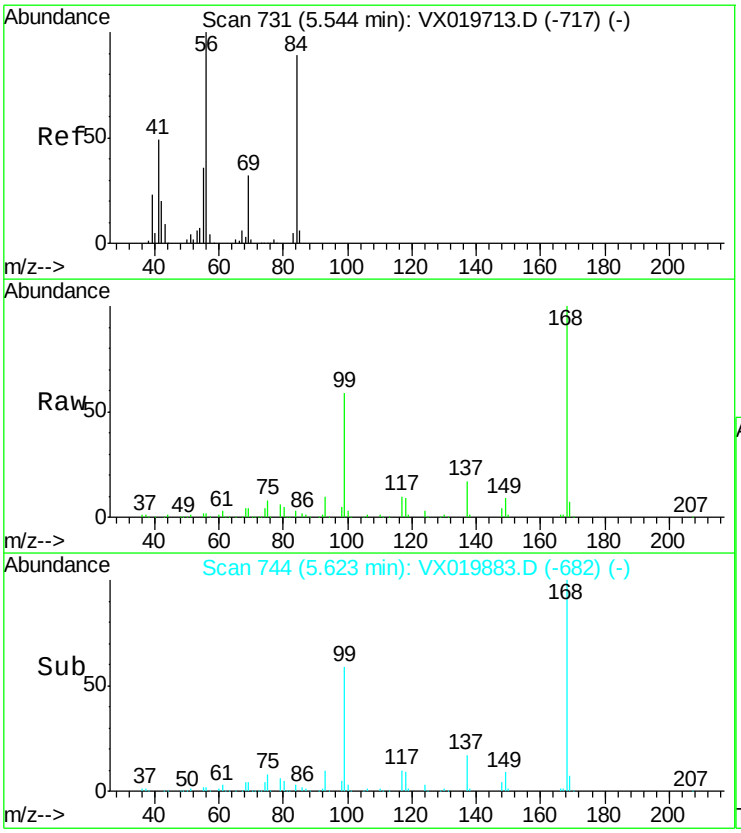
#29
Tetrahydrofuran
Concen: 0.779 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.02 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Instrument : MSVOA_X
ClientSampleId : FB01-20201208

Tgt Ion: 42 Resp: 1282

Ion	Ratio	Lower	Upper
42	100		
72	37.8	41.7	62.5#
71	27.8	38.4	57.6#

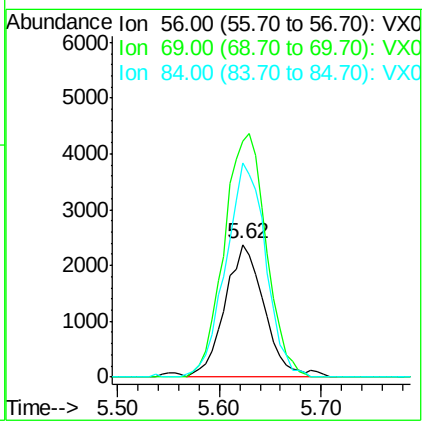


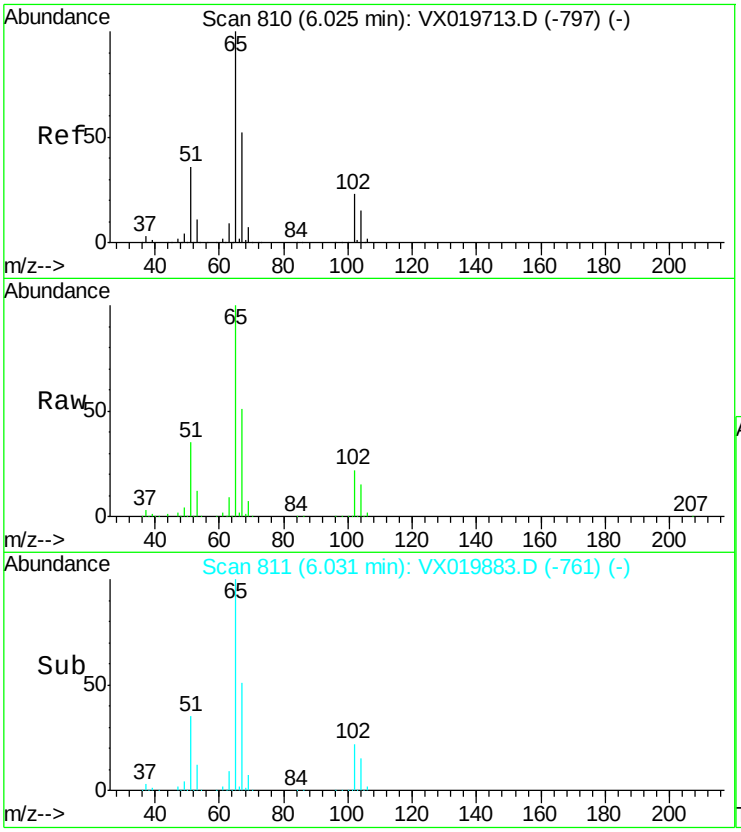


#31
Cyclohexane
Concen: 1.162 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Tgt Ion: 56 Resp: 6391

Ion	Ratio	Lower	Upper
56	100		
69	178.5	25.3	37.9#
84	161.7	71.4	107.0#



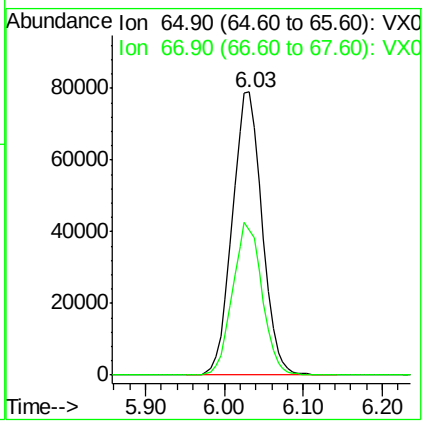


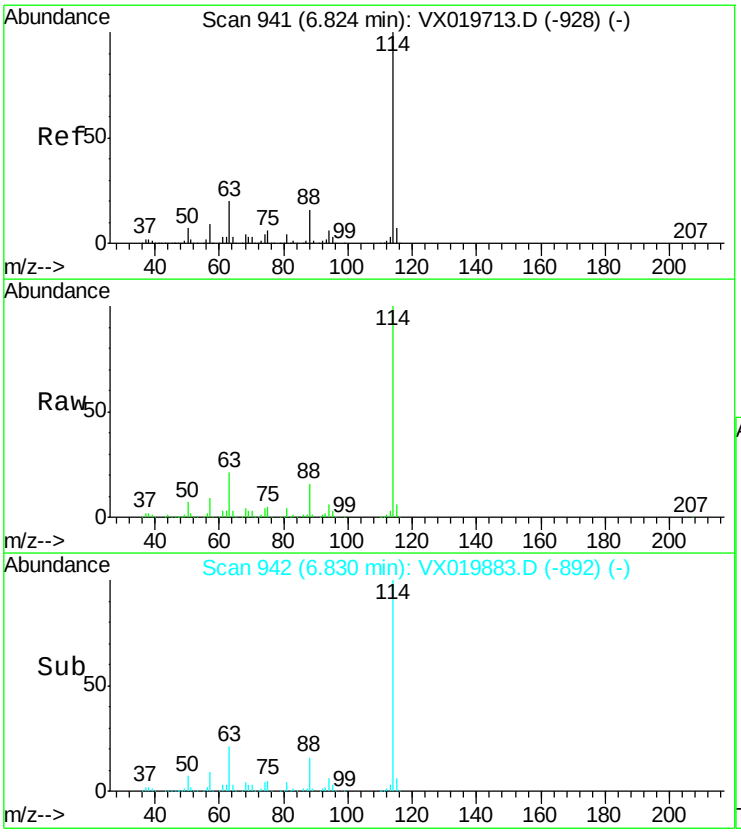
#33
1,2-Dichloroethane-d4
Concen: 46.967 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Instrument :
MSVOA_X
ClientSampleId :
FB01-20201208

Tgt Ion: 65 Resp: 207714

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.4

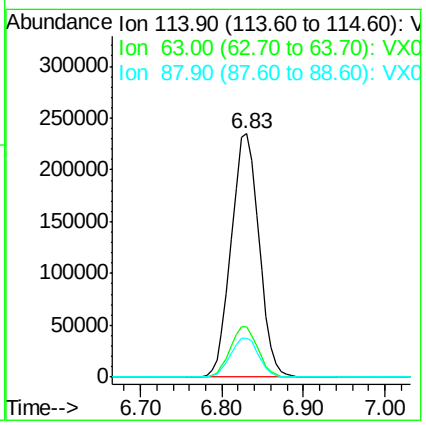


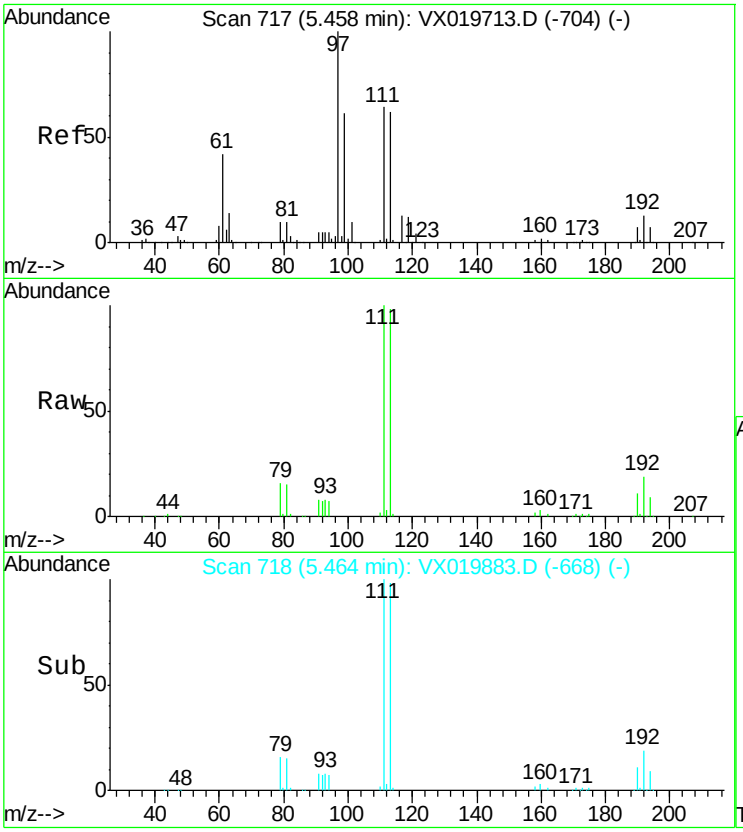


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Tgt Ion:114 Resp: 552426

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	16.2	0.0	32.8



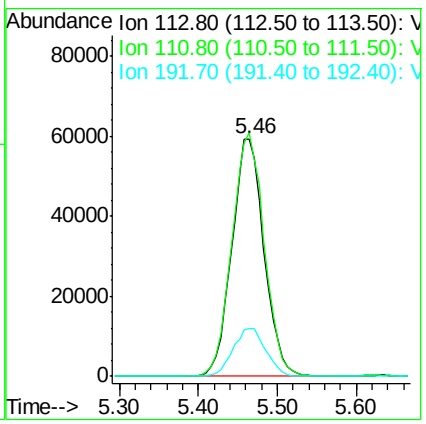


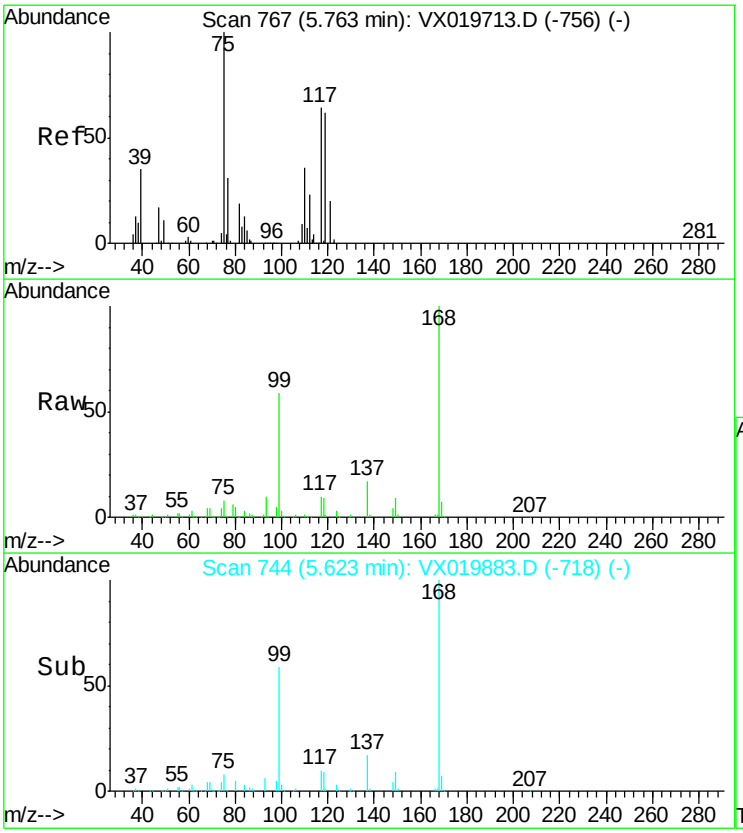
#35
Dibromofluoromethane
Concen: 47.256 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Instrument :
MSVOA_X
ClientSampleId :
FB01-20201208

Tgt Ion:113 Resp: 168716

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	20.6	16.7	25.1

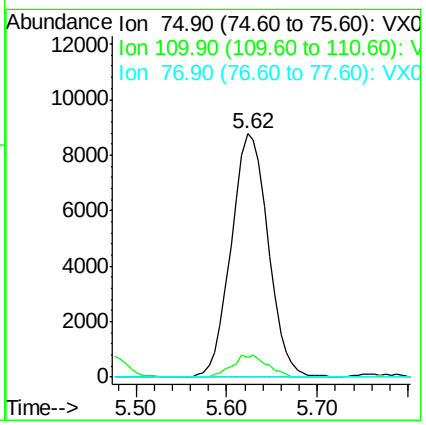


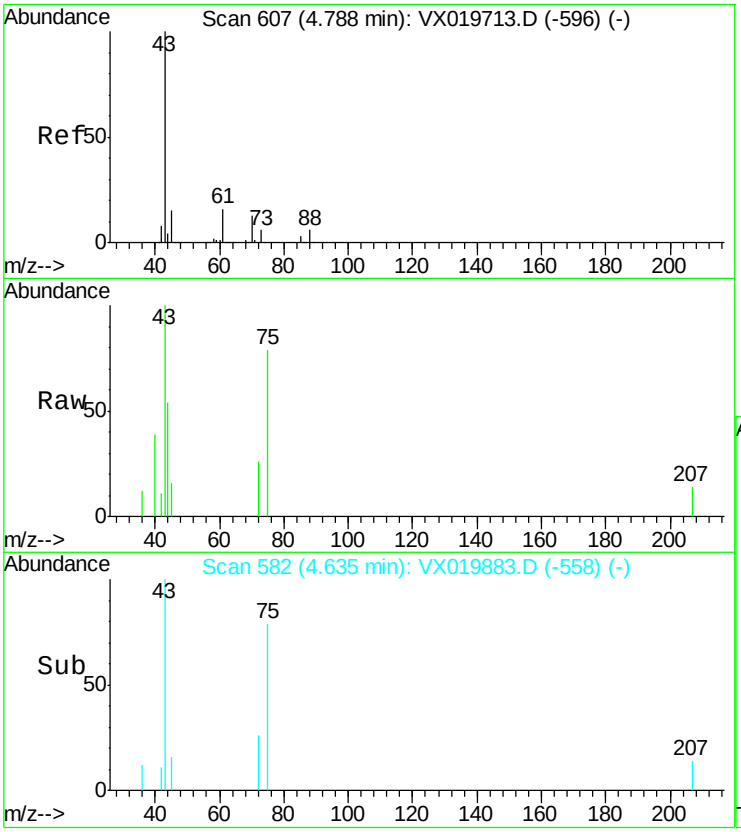


#36
1,1-Dichloropropene
Concen: 4.973 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Tgt Ion: 75 Resp: 24823

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



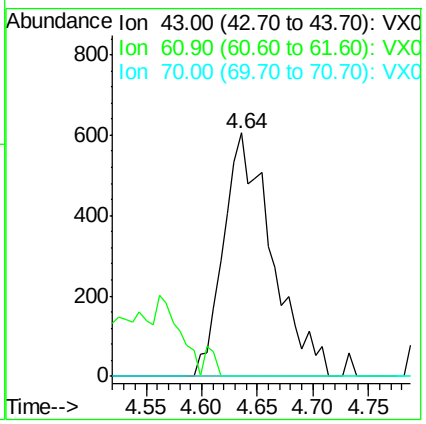


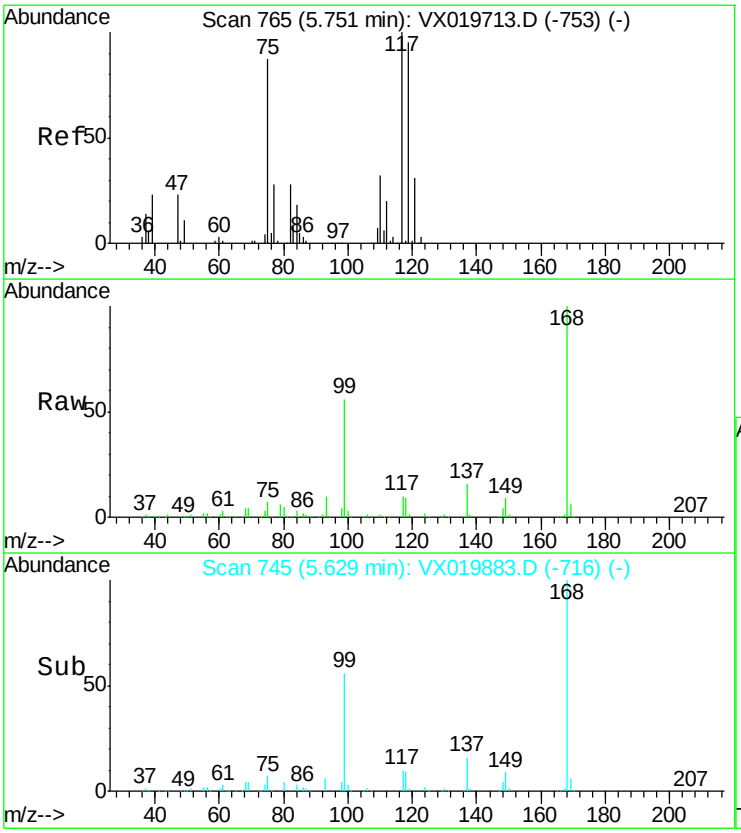
#37
Ethyl Acetate
Concen: 0.362 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.15 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Instrument :
MSVOA_X
ClientSampleId :
FB01-20201208

Tgt Ion: 43 Resp: 1826

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#

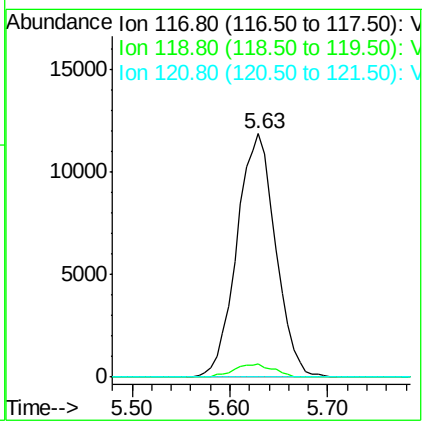


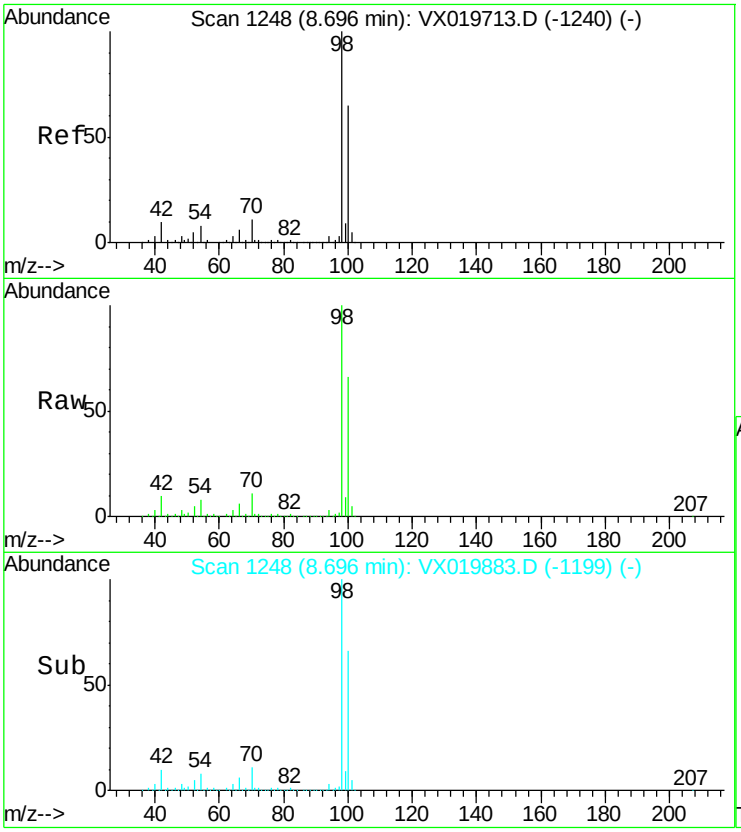


#38
Carbon Tetrachloride
Concen: 6.673 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Tgt Ion:117 Resp: 32618

Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.2	114.2#
121	0.0	24.8	37.2#



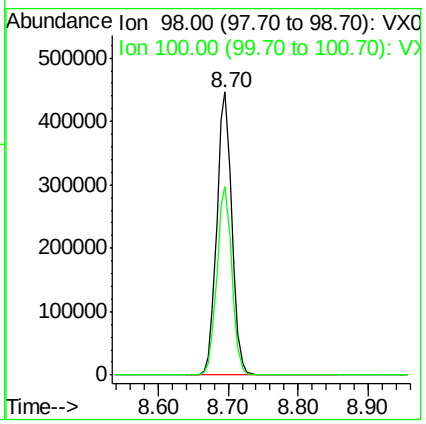


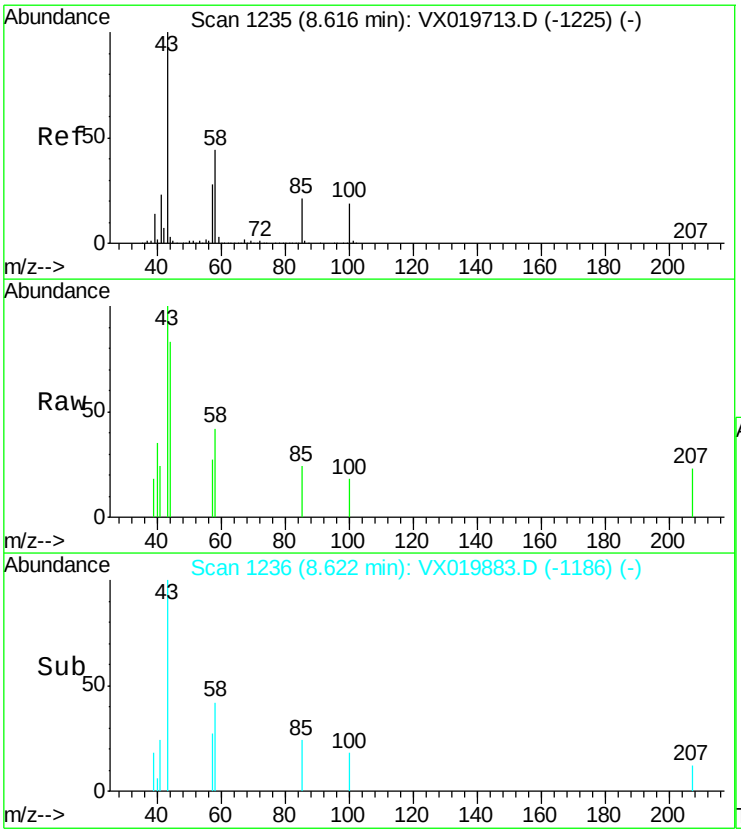
#50
Toluene-d8
Concen: 48.990 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Instrument :
MSVOA_X
ClientSampleId :
FB01-20201208

Tgt Ion: 98 Resp: 667743

Ion	Ratio	Lower	Upper
98	100		
100	66.4	51.9	77.9

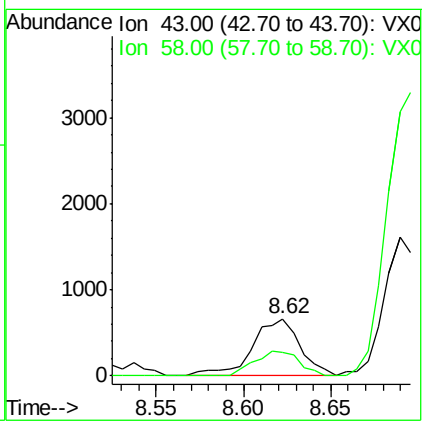


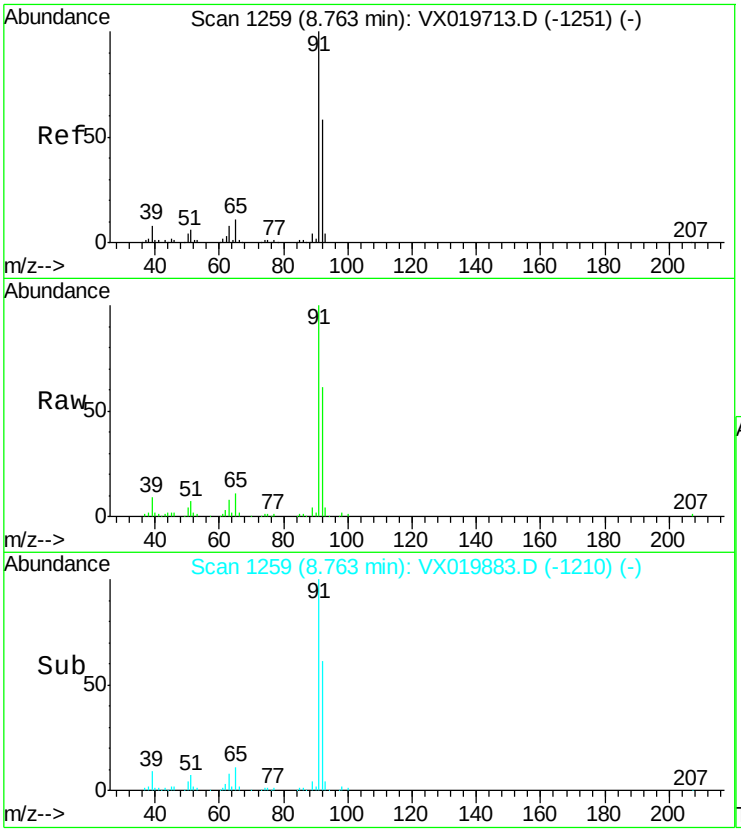


#51
4-Methyl-2-Pentanone
Concen: 0.251 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Tgt Ion: 43 Resp: 1257

Ion	Ratio	Lower	Upper
43	100		
58	40.7	35.4	53.0



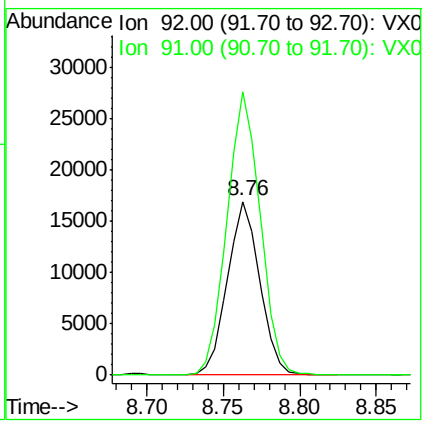


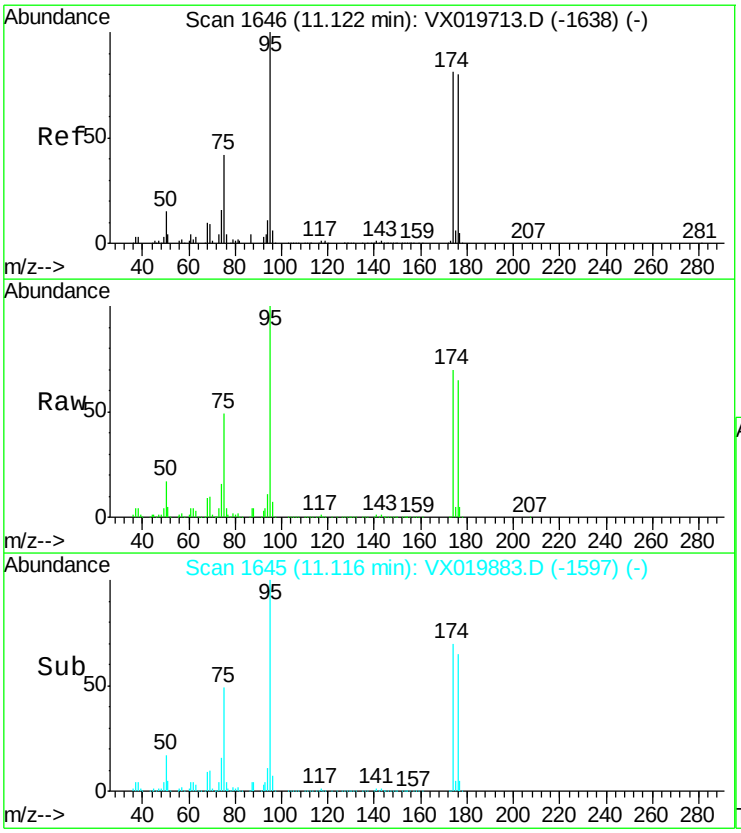
#52
Toluene
Concen: 2.612 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Instrument :
MSVOA_X
ClientSampleId :
FB01-20201208

Tgt Ion: 92 Resp: 24908

Ion	Ratio	Lower	Upper
92	100		
91	167.0	137.1	205.7

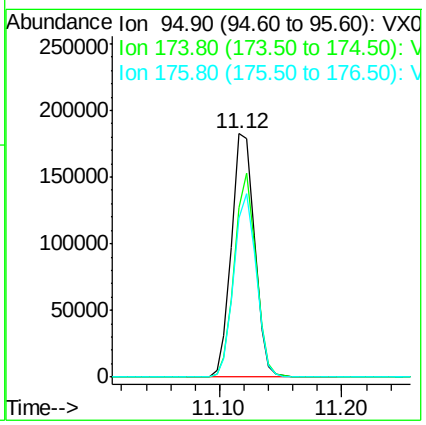


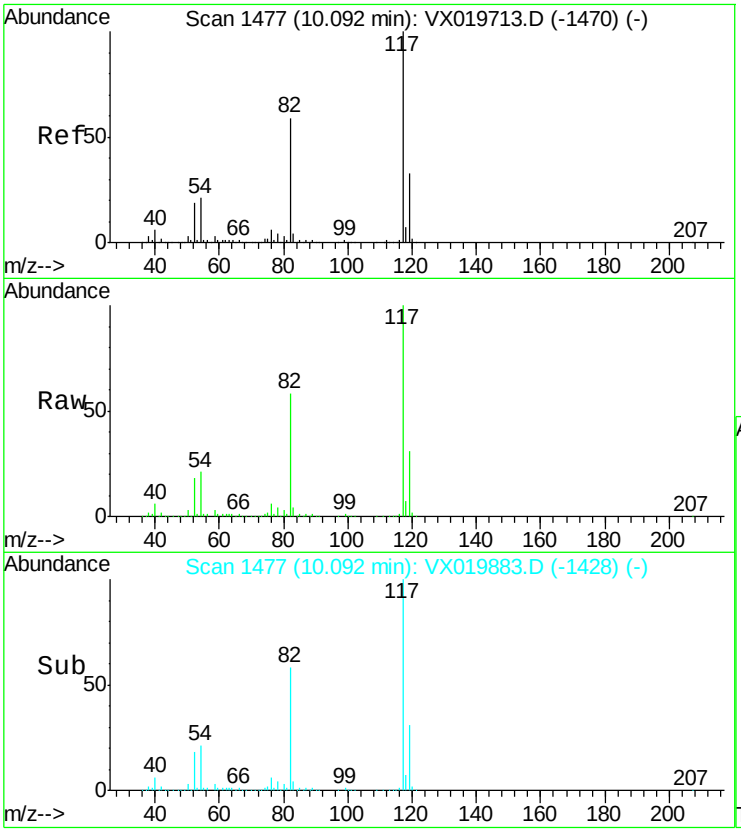


#62
4-Bromofluorobenzene
Concen: 45.815 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.01 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Tgt Ion: 95 Resp: 237683

Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	154.6
176	73.2	0.0	155.8



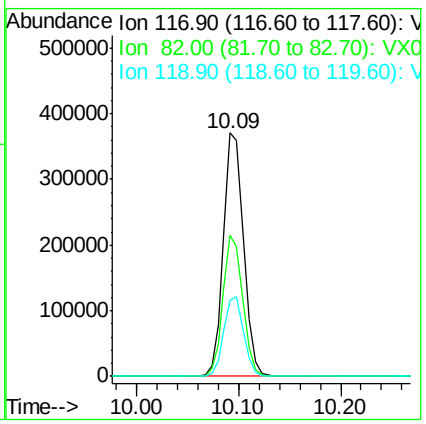


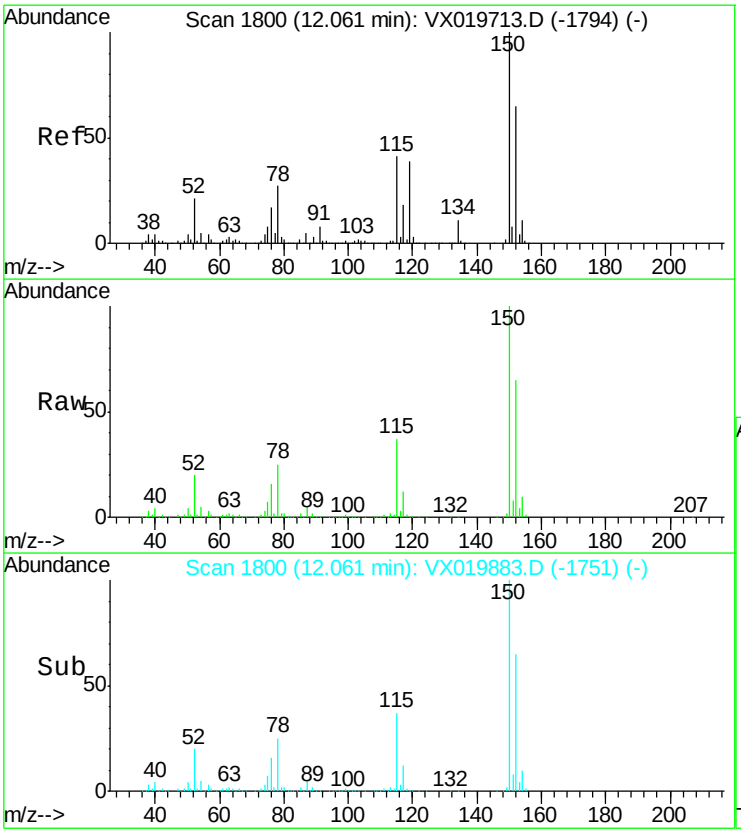
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Instrument :
MSVOA_X
ClientSampleId :
FB01-20201208

Tgt Ion:117 Resp: 507223

Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.4	71.2
119	31.3	26.6	39.8

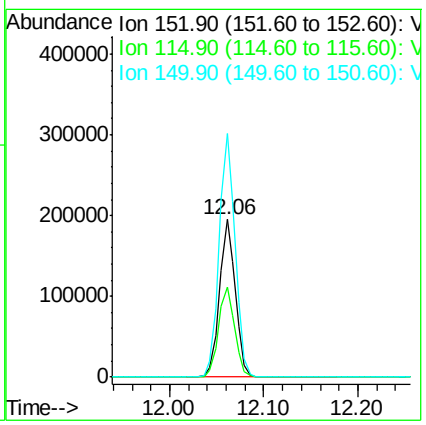


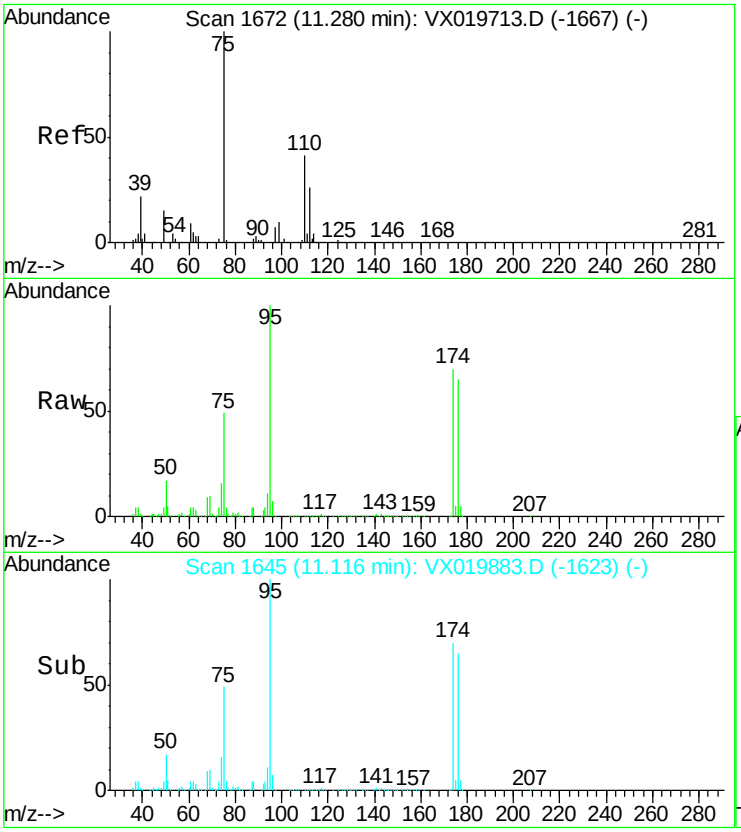


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Tgt Ion:152 Resp: 225380

Ion	Ratio	Lower	Upper
152	100		
115	58.8	41.1	123.3
150	157.2	0.0	349.0



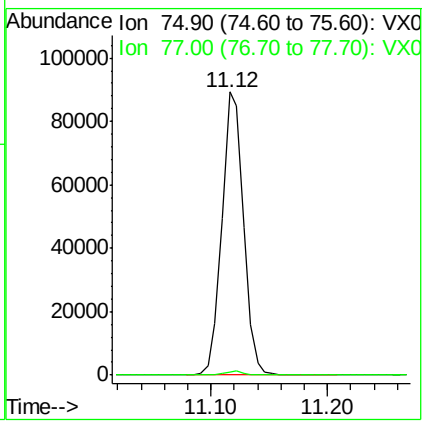


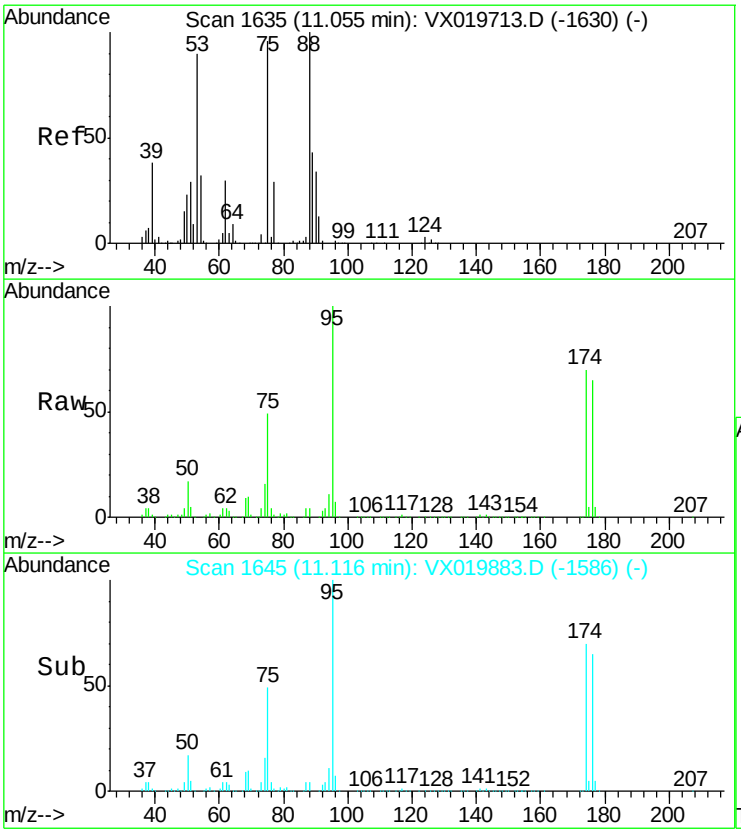
#76
1,2,3-Trichloropropane
Concen: 22.544 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.16 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Instrument :
MSVOA_X
ClientSampleId :
FB01-20201208

Tgt Ion: 75 Resp: 113959

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#

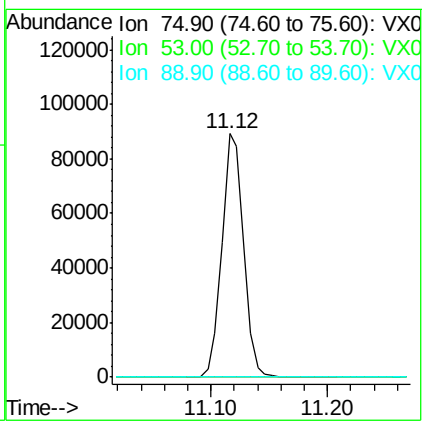


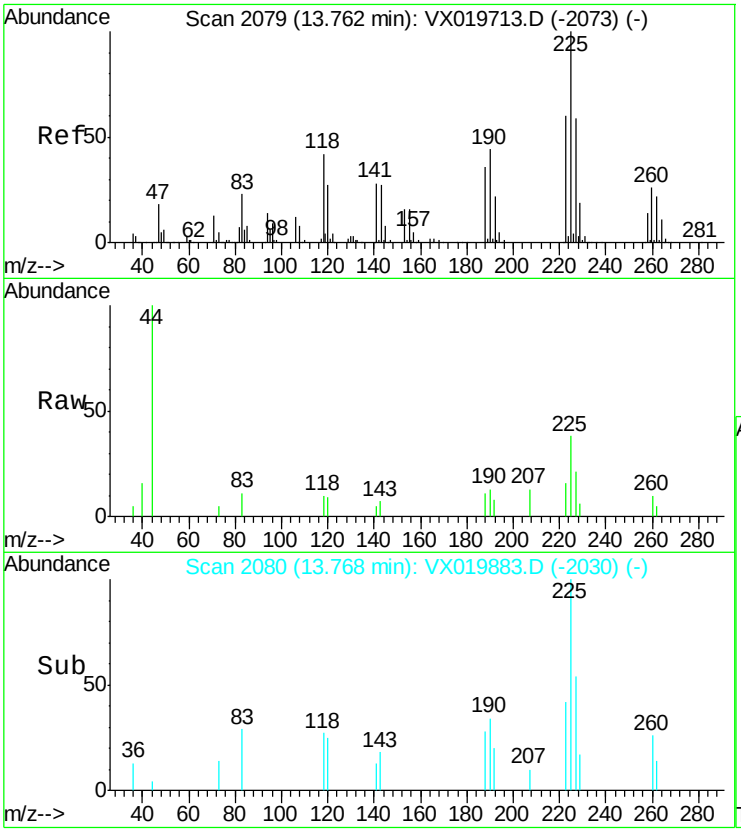


#81
trans-1,4-Dichloro-2-butene
Concen: 65.172 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. 0.06 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Tgt Ion: 75 Resp: 113959

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





#94
Hexachlorobutadiene
Concen: 0.201 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX019883.D
Acq: 11 Dec 2020 18:33

Instrument :
MSVOA_X
ClientSampleId :
FB01-20201208

Tgt Ion:225 Resp: 412

Ion	Ratio	Lower	Upper
225	100		
223	47.8	31.1	93.2
227	58.5	31.6	95.0