Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
Data File : VX019938.D
Acq On : 12 Dec 2020 17:34
Operator : JC/MD
Sample : PB133524ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB133524ZHE#02

Quant Time: Dec 14 08:18:39 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	301816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	507403	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	476578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200987	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	197530	49.80	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.60%			
35) Dibromofluoromethane	5.46	113	158905	48.46	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.92%			
50) Toluene-d8	8.70	98	628178	50.18	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.36%			
62) 4-Bromofluorobenzene	11.12	95	219042	45.97	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.94%			
Target Compounds						Qvalue
5) Bromomethane	1.63	94	379	0.333	ug/l #	44
11) Tert butyl alcohol	2.99	59	6470	5.377	ug/l #	80
13) Acrolein	2.28	56	292	0.667	ug/l #	58
16) Acetone	2.42	43	32965	22.109	ug/l	98
18) Methyl Acetate	2.75	43	3172	0.869	ug/l	93
20) Methylene Chloride	2.83	84	78266	22.202	ug/l	98
25) 2-Butanone	4.64	43	4759	2.077	ug/l	97
29) Tetrahydrofuran	5.10	42	1073	0.727	ug/l #	72
31) Cyclohexane	5.62	56	6014	1.219	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	23573	5.141	ug/l #	49
38) Carbon Tetrachloride	5.63	117	29308	6.527	ug/l #	17
43) Isopropyl Acetate	6.41	43	24175	3.212	ug/l	98
48) Methyl methacrylate	7.65	41	6272	1.694	ug/l #	10
49) 1,4-Dioxane	7.85	88	290	3.234	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	82920	18.045	ug/l #	47
54) cis-1,3-Dichloropropene	8.59	75	43517	7.695	ug/l #	61
57) 1,3-Dichloropropane	9.52	76	27683	4.593	ug/l #	43
59) 2-Hexanone	9.52	43	337902	94.867	ug/l #	47
76) 1,2,3-Trichloropropane	11.12	75	105123	23.320	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	105123	67.415	ug/l #	12

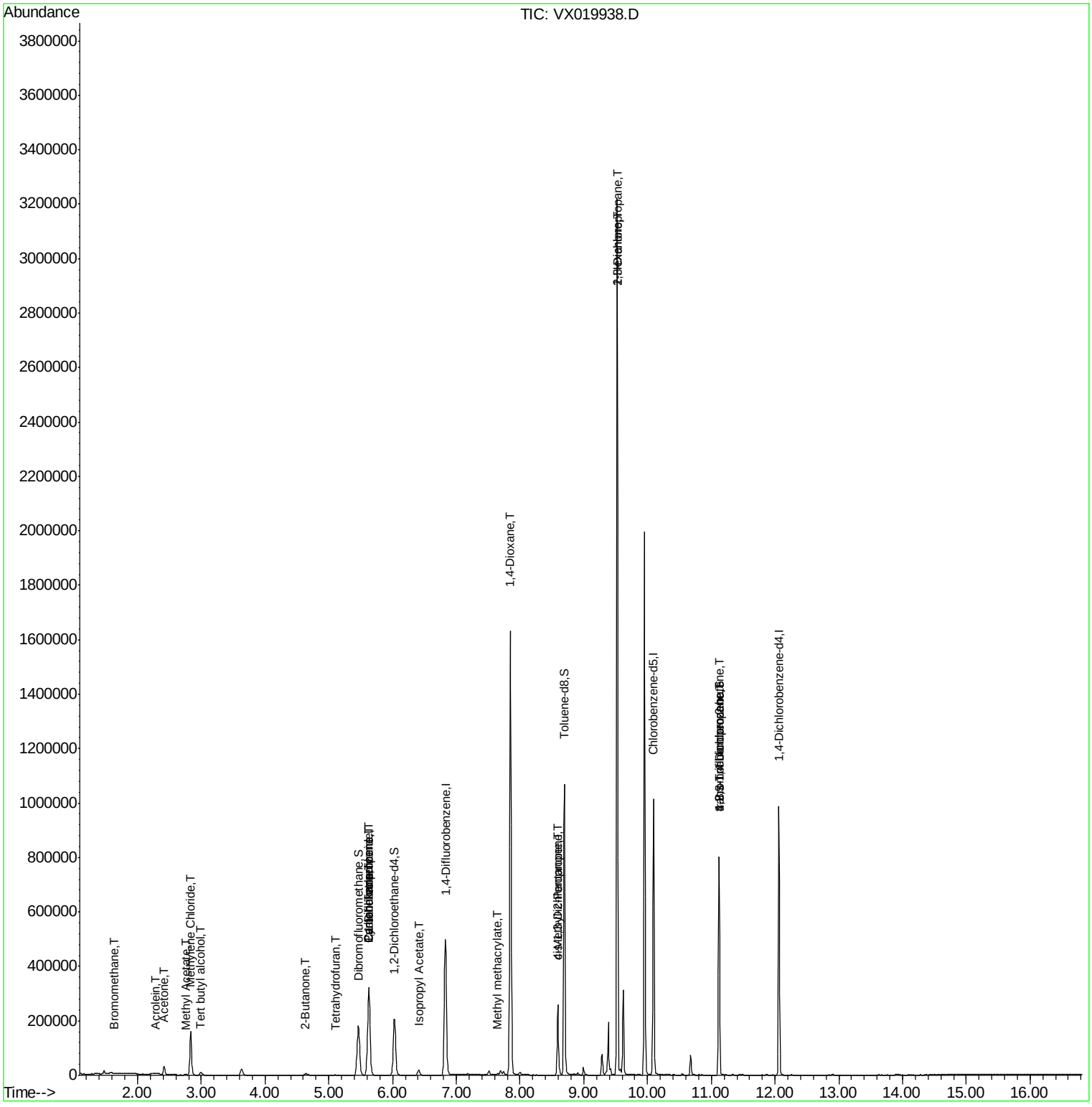
(#) = qualifier out of range (m) = manual integration (+) = signals summed

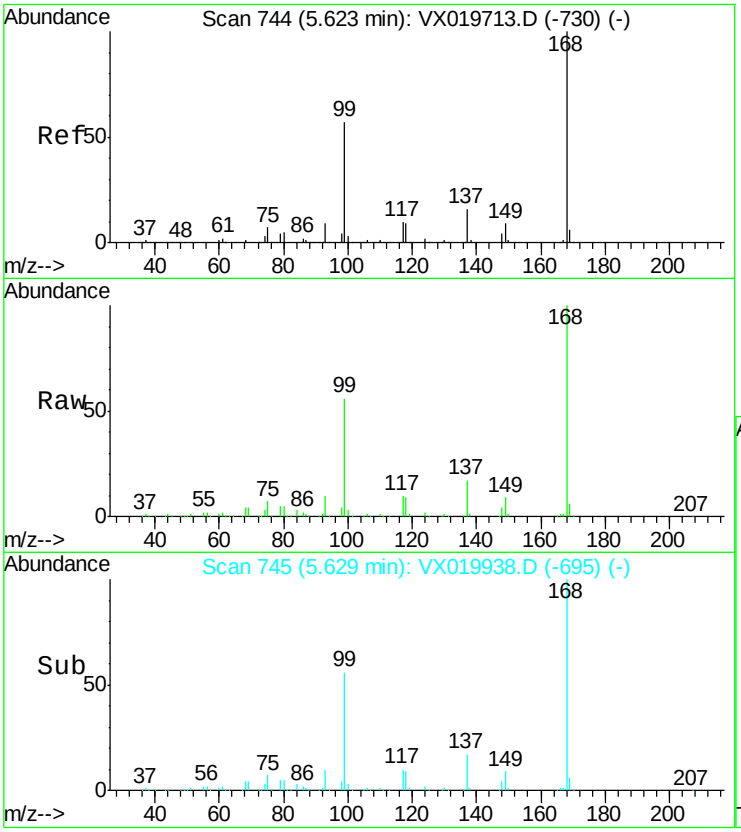
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
Data File : VX019938.D
Acq On : 12 Dec 2020 17:34
Operator : JC/MD
Sample : PB133524ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#02

Quant Time: Dec 14 08:18:39 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



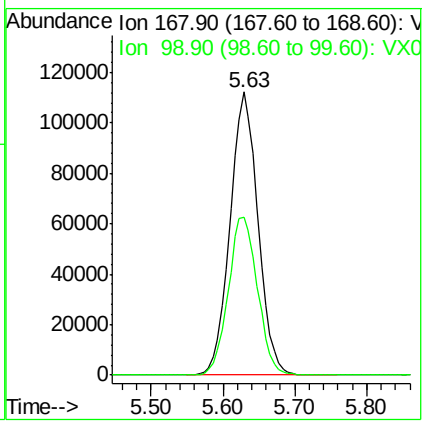


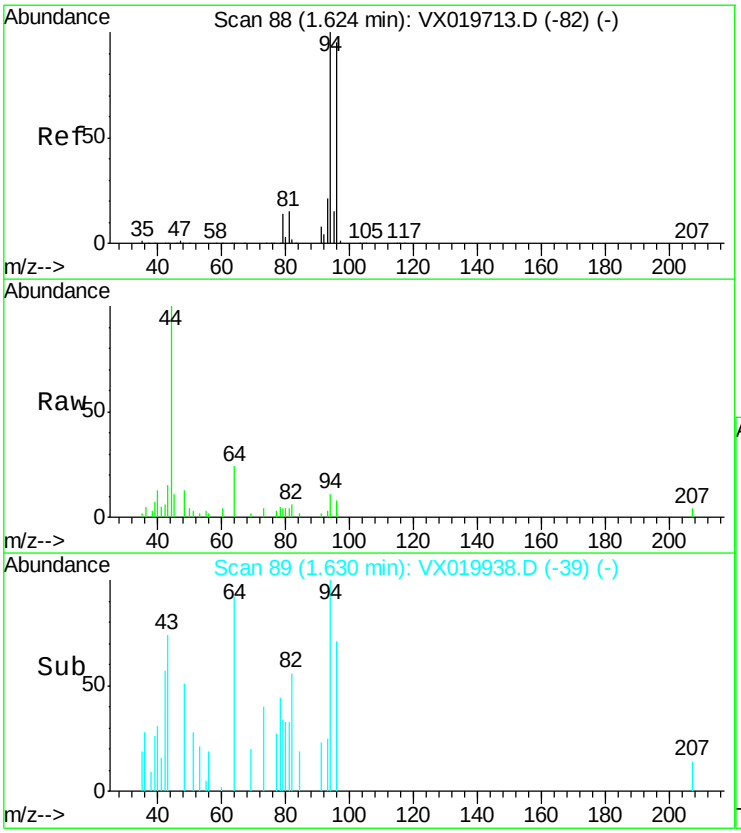
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#02

Tgt Ion:168 Resp: 301816

Ion	Ratio	Lower	Upper
168	100		
99	55.8	45.8	68.6

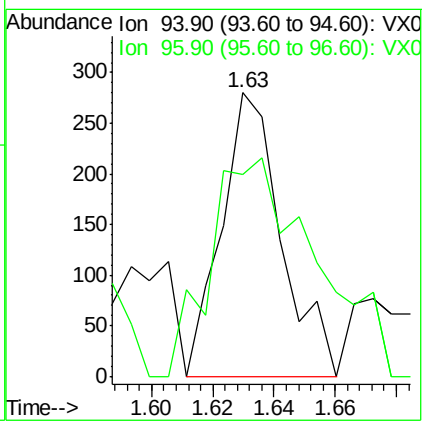


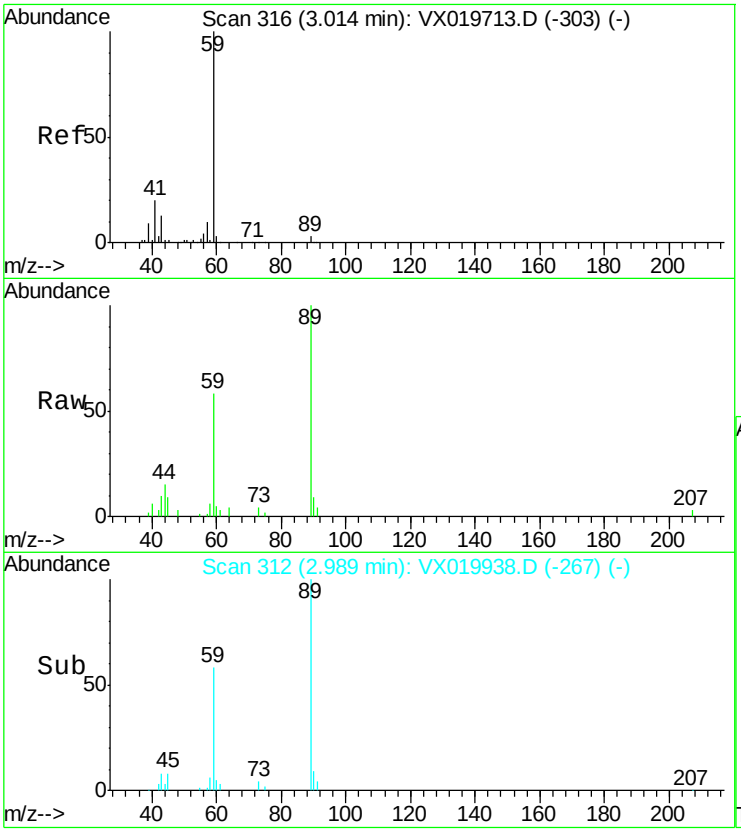


#5
Bromomethane
Concen: 0.333 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Tgt Ion: 94 Resp: 379

Ion	Ratio	Lower	Upper
94	100		
96	41.4	76.4	114.6#



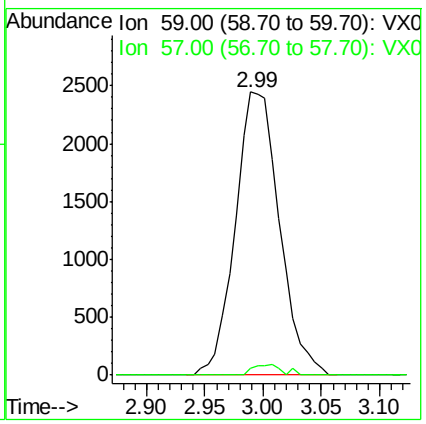


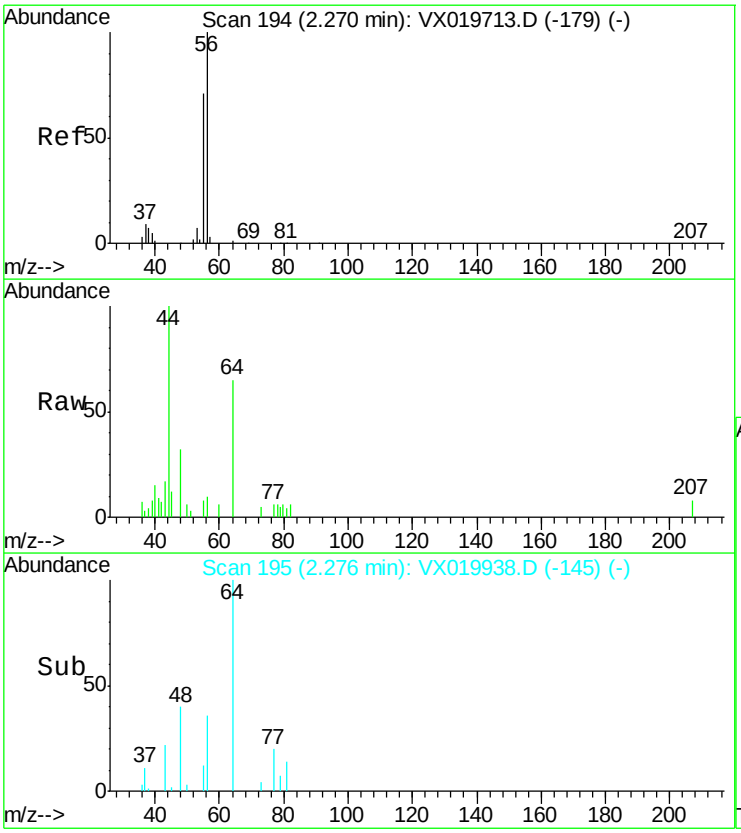
#11
Tert butyl alcohol
Concen: 5.377 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#02

Tgt Ion: 59 Resp: 6470

Ion	Ratio	Lower	Upper
59	100		
57	2.5	7.8	11.8#

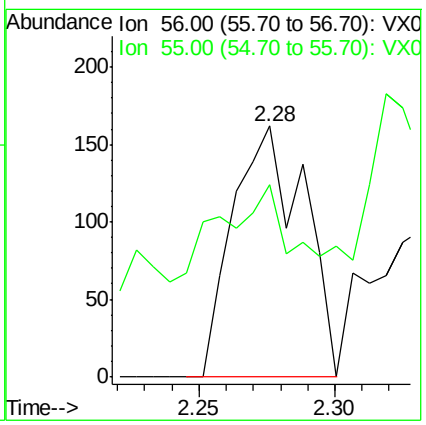


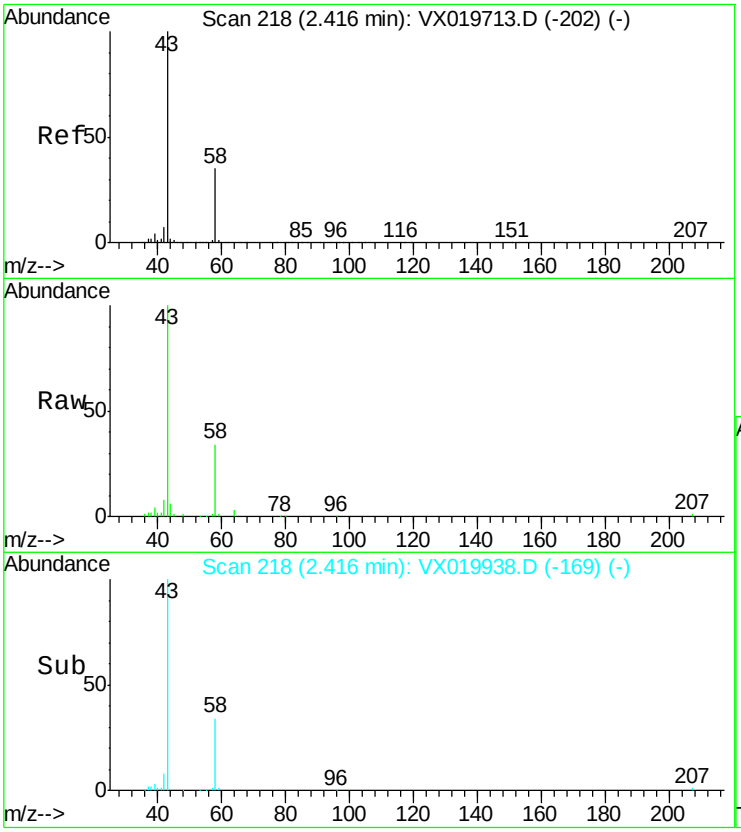


#13
Acrolein
Concen: 0.667 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Tgt Ion: 56 Resp: 292

Ion	Ratio	Lower	Upper
56	100		
55	105.1	56.4	84.6#



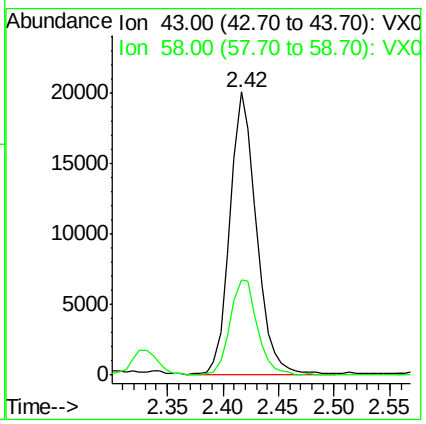


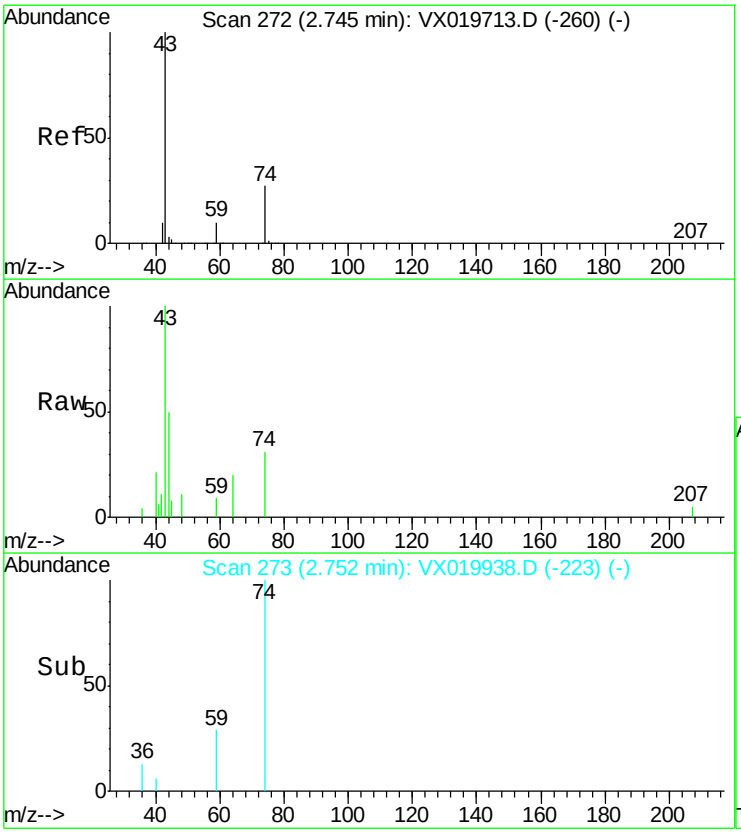
#16
Acetone
Concen: 22.109 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#02

Tgt Ion: 43 Resp: 32965

Ion	Ratio	Lower	Upper
43	100		
58	33.8	27.8	41.8

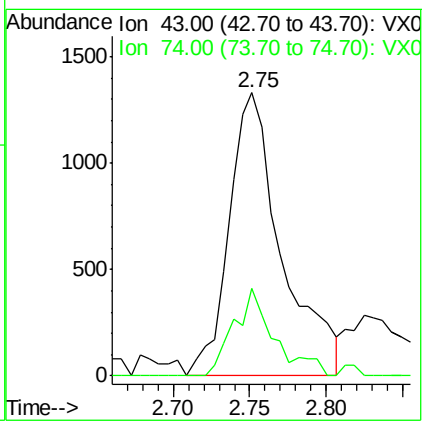


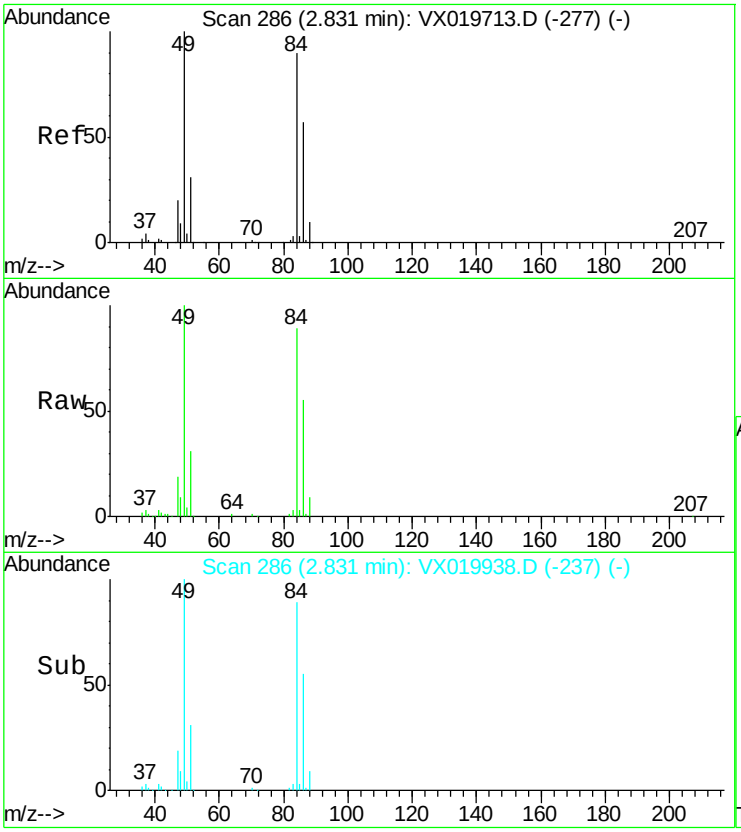


#18
Methyl Acetate
Concen: 0.869 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Tgt Ion: 43 Resp: 3172

Ion	Ratio	Lower	Upper
43	100		
74	23.8	21.9	32.9



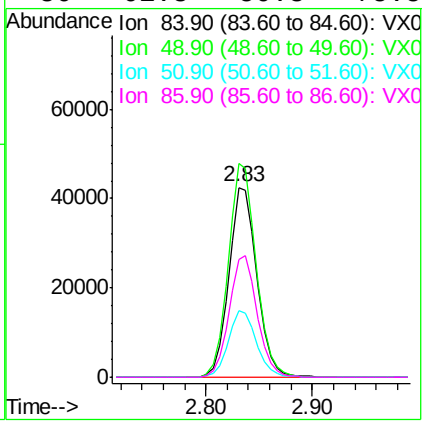


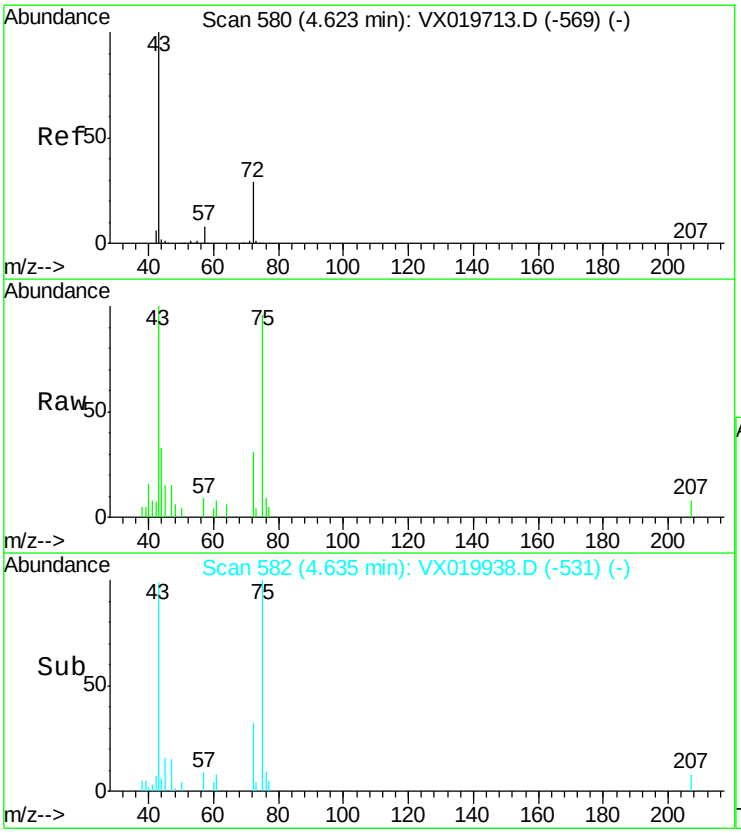
#20
Methylene Chloride
Concen: 22.202 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#02

Tgt Ion: 84 Resp: 78266

Ion	Ratio	Lower	Upper
84	100		
49	112.5	88.6	132.8
51	35.1	27.0	40.6
86	61.8	50.3	75.5

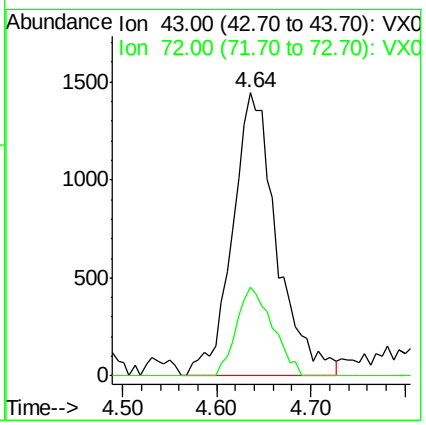


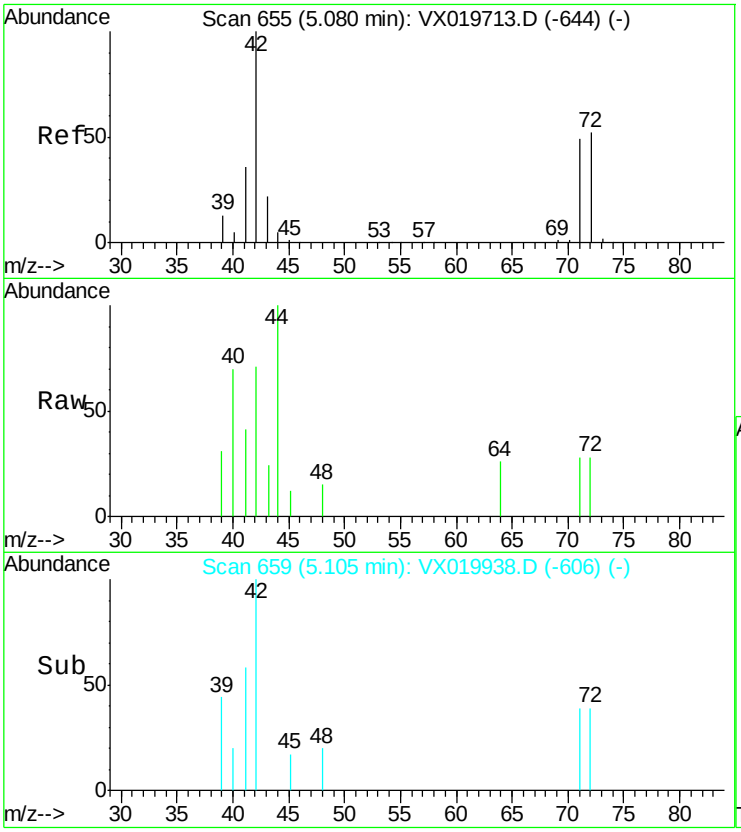


#25
2-Butanone
Concen: 2.077 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Tgt Ion: 43 Resp: 4759

Ion	Ratio	Lower	Upper
43	100		
72	31.2	23.7	35.5



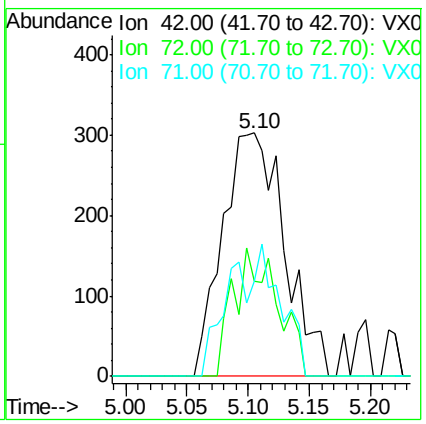


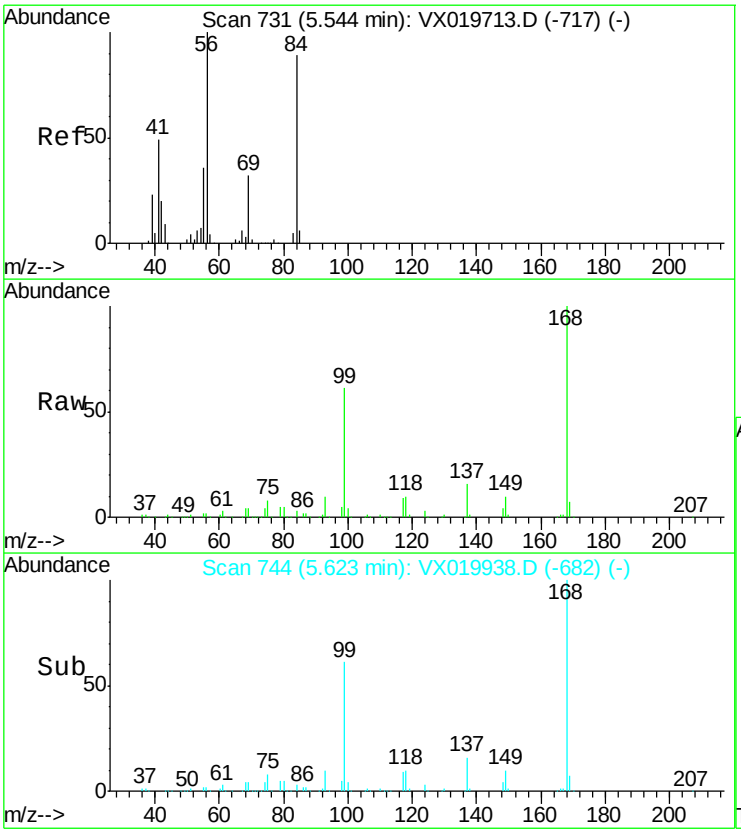
#29
Tetrahydrofuran
Concen: 0.727 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Instrument : MSVOA_X
ClientSampleId : PB133524ZHE#02

Tgt Ion: 42 Resp: 1073

Ion	Ratio	Lower	Upper
42	100		
72	37.2	41.7	62.5#
71	24.7	38.4	57.6#

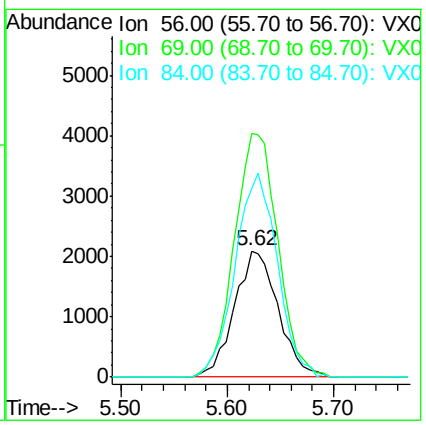


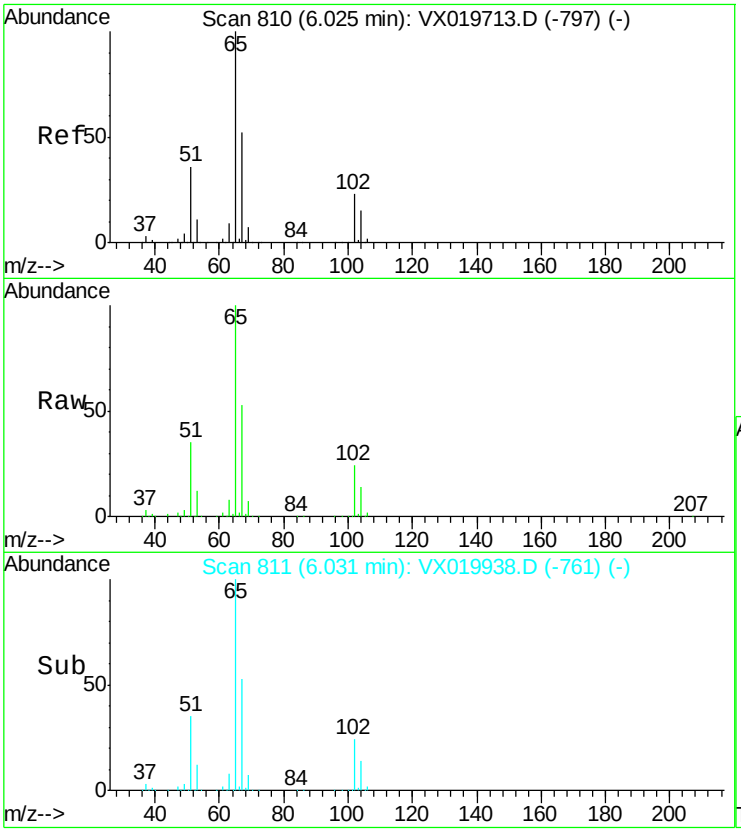


#31
Cyclohexane
Concen: 1.219 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Tgt Ion: 56 Resp: 6014

Ion	Ratio	Lower	Upper
56	100		
69	192.5	25.3	37.9#
84	148.8	71.4	107.0#



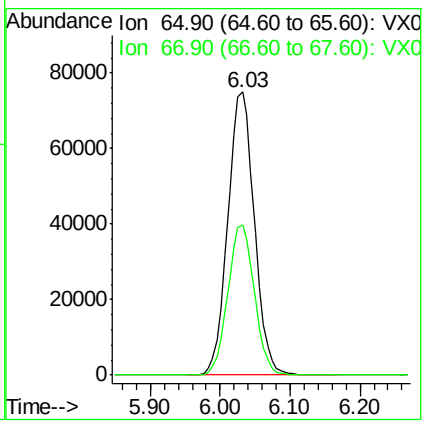


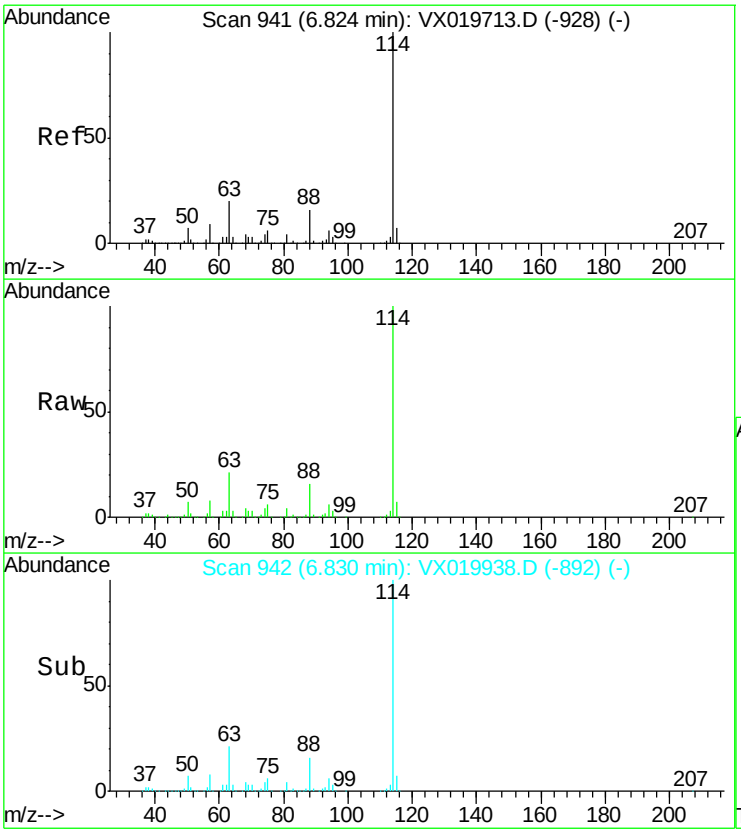
#33
1,2-Dichloroethane-d4
Concen: 49.796 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Instrument : MSVOA_X
ClientSampleId : PB133524ZHE#02

Tgt Ion: 65 Resp: 197530

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.4

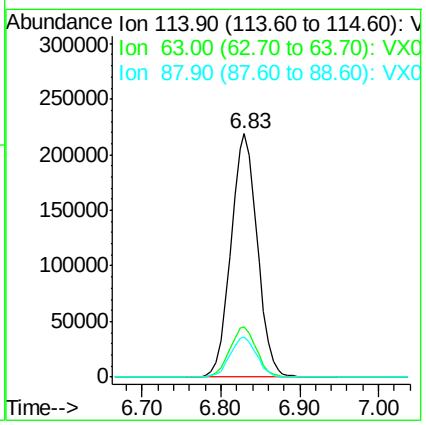


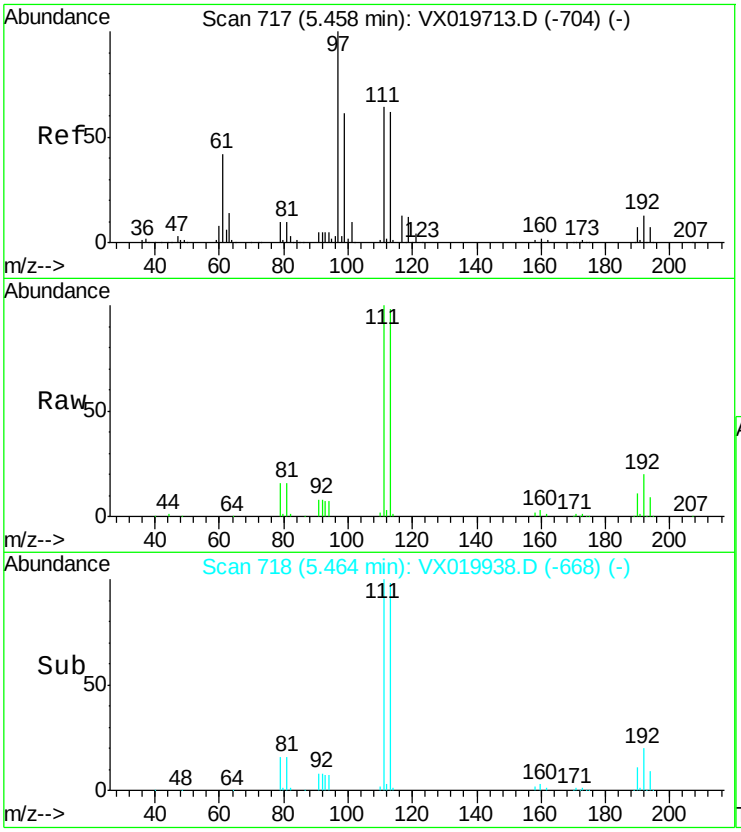


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Tgt Ion:114 Resp: 507403

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	16.4	0.0	32.8



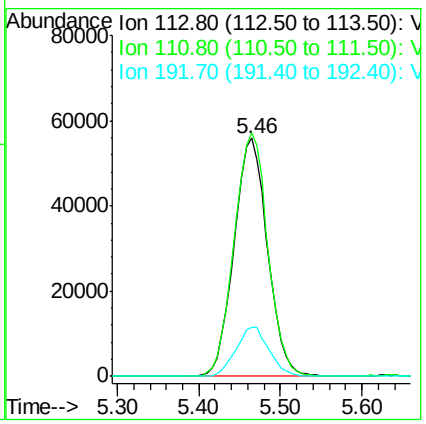


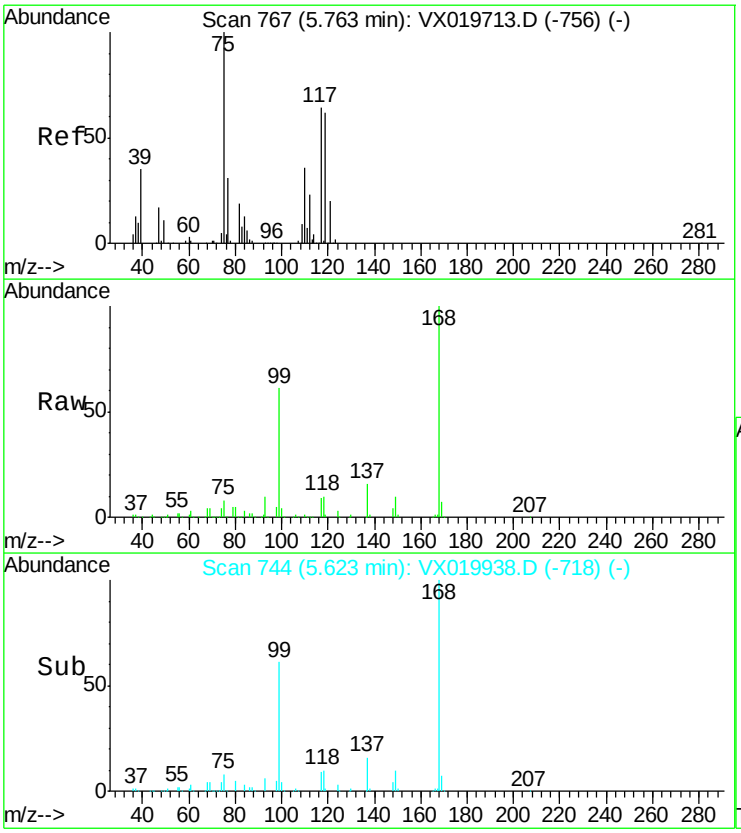
#35
Dibromofluoromethane
Concen: 48.457 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#02

Tgt Ion:113 Resp: 158905

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	20.5	16.7	25.1

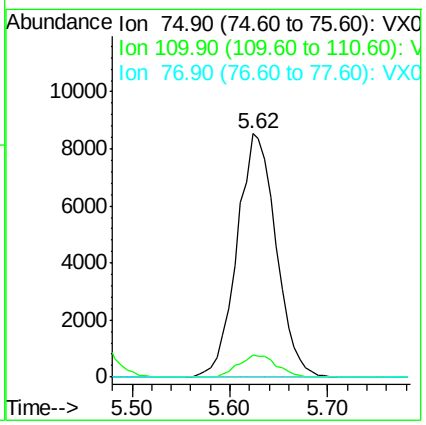


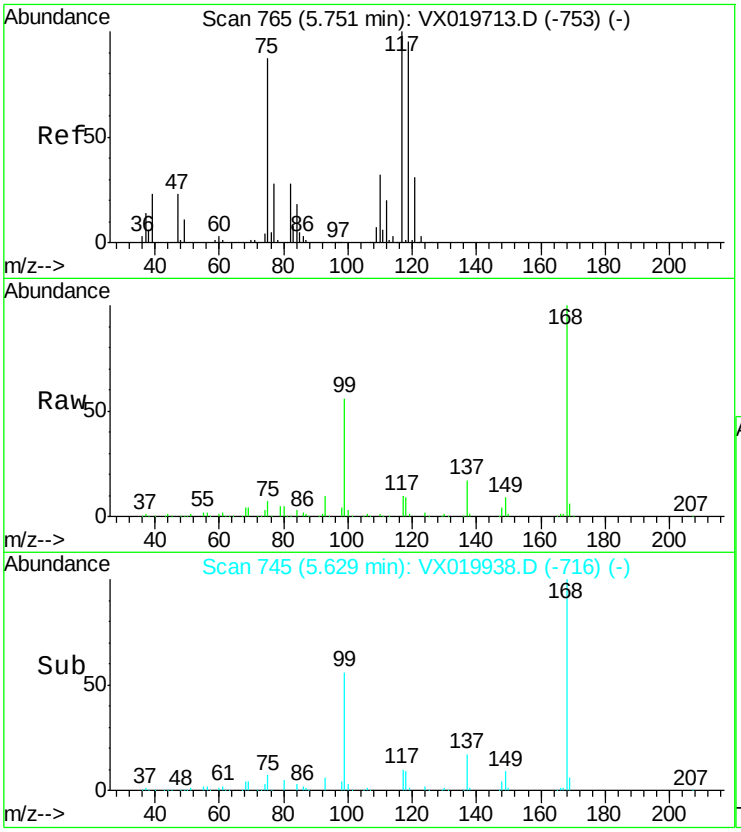


#36
1,1-Dichloropropene
Concen: 5.141 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Tgt Ion: 75 Resp: 23573

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.4#
77	0.0	25.3	37.9#



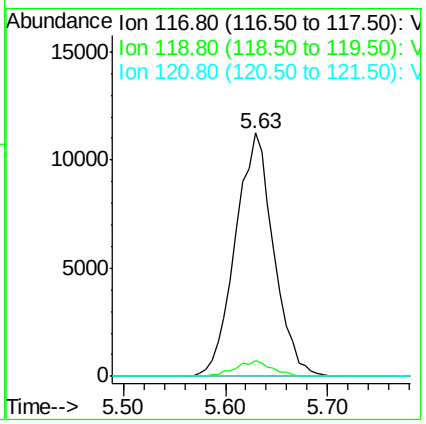


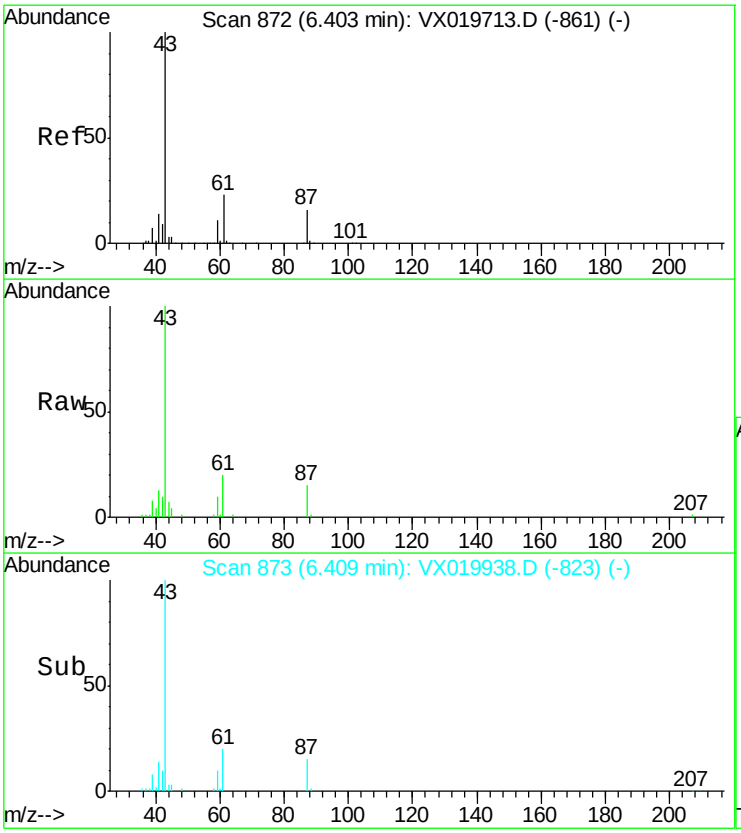
#38
Carbon Tetrachloride
Concen: 6.527 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Instrument : MSVOA_X
ClientSampleId : PB133524ZHE#02

Tgt Ion:117 Resp: 29308

Ion	Ratio	Lower	Upper
117	100		
119	6.4	76.2	114.2#
121	0.0	24.8	37.2#

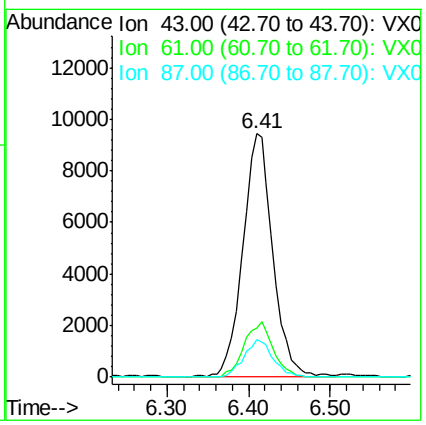


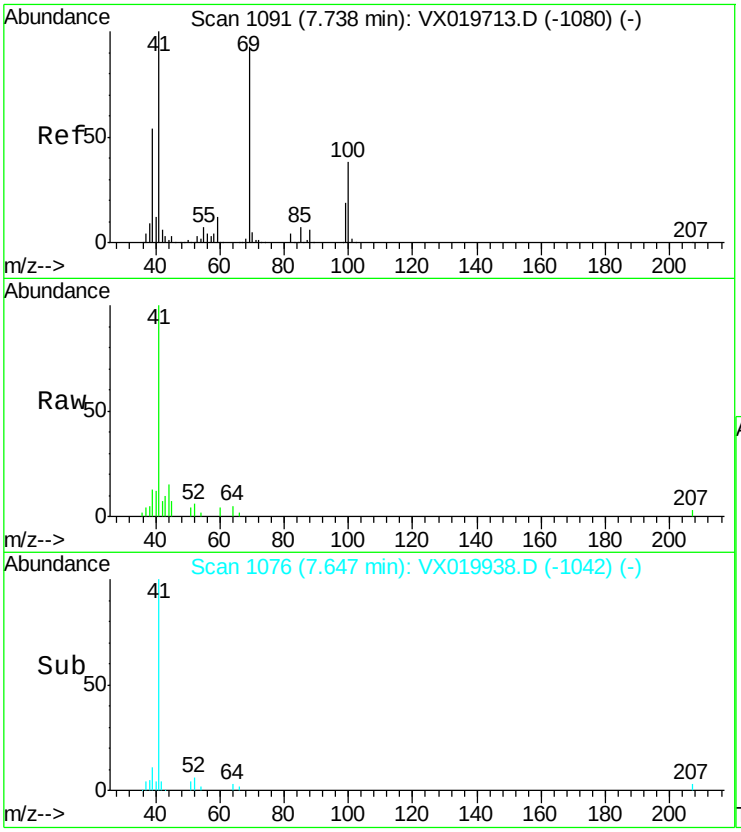


#43
Isopropyl Acetate
Concen: 3.212 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Tgt Ion: 43 Resp: 24175

Ion	Ratio	Lower	Upper
43	100		
61	22.0	18.2	27.4
87	14.8	12.5	18.7



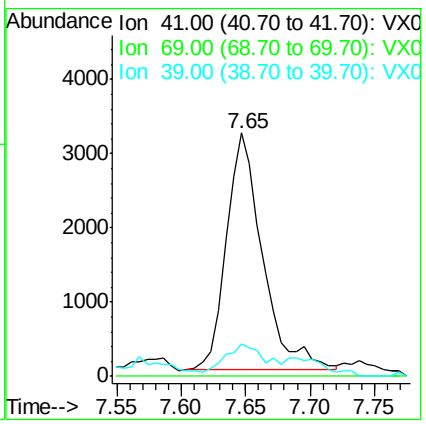


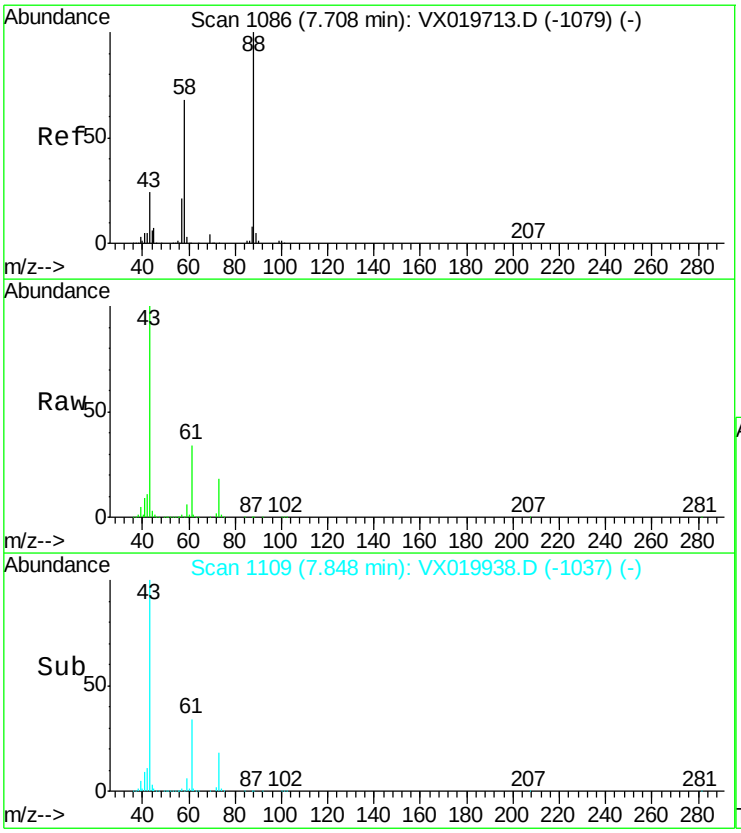
#48
Methyl methacrylate
Concen: 1.694 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.09 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#02

Tgt Ion: 41 Resp: 6272

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

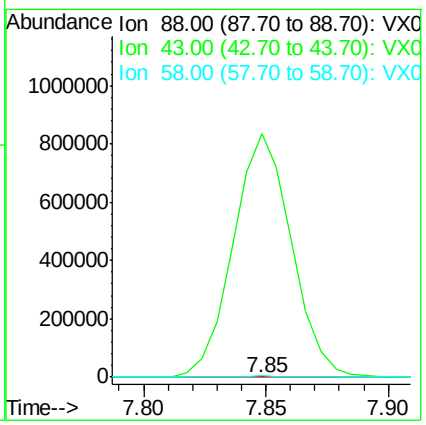


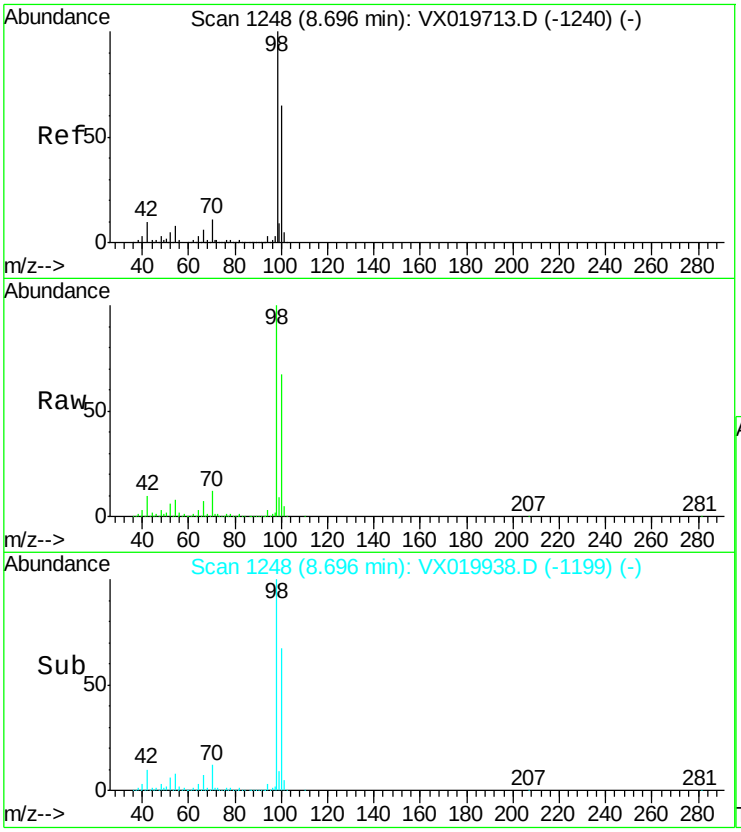


#49
1,4-Dioxane
Concen: 3.234 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.14 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Tgt Ion: 88 Resp: 290

Ion	Ratio	Lower	Upper
88	100		
43	479725.5	23.2	34.8#
58	2518.6	55.0	82.4#



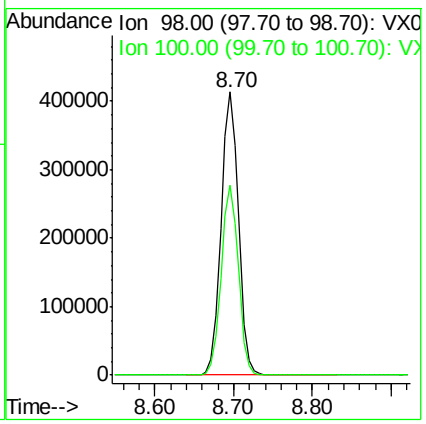


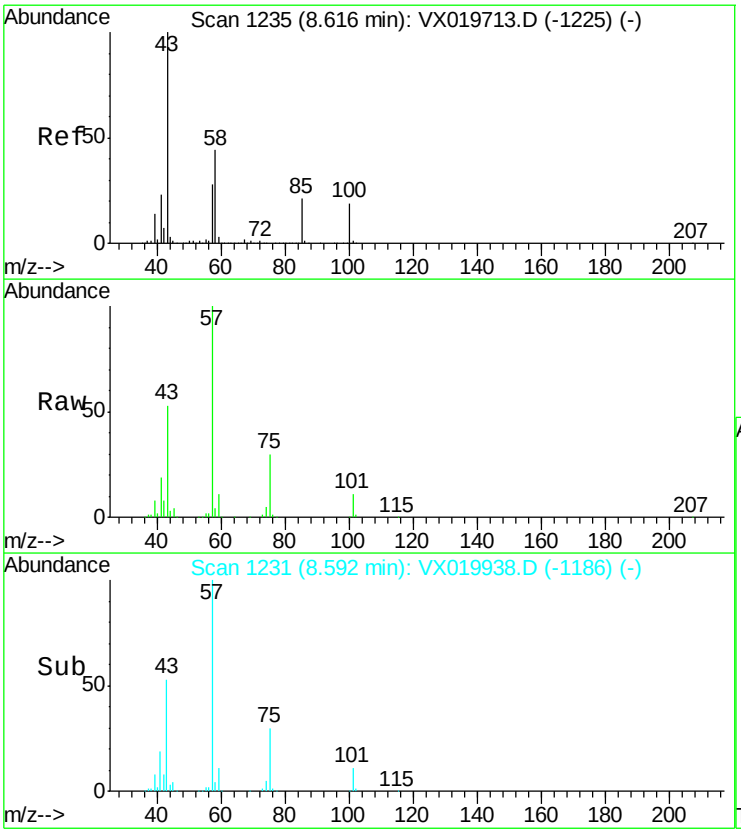
#50
Toluene-d8
Concen: 50.176 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Instrument : MSVOA_X
ClientSampleId : PB133524ZHE#02

Tgt Ion: 98 Resp: 628178

Ion	Ratio	Lower	Upper
98	100		
100	66.5	51.9	77.9

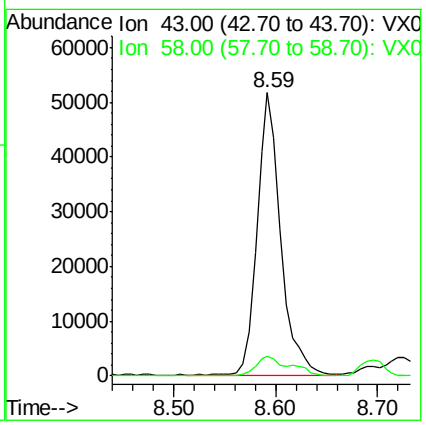


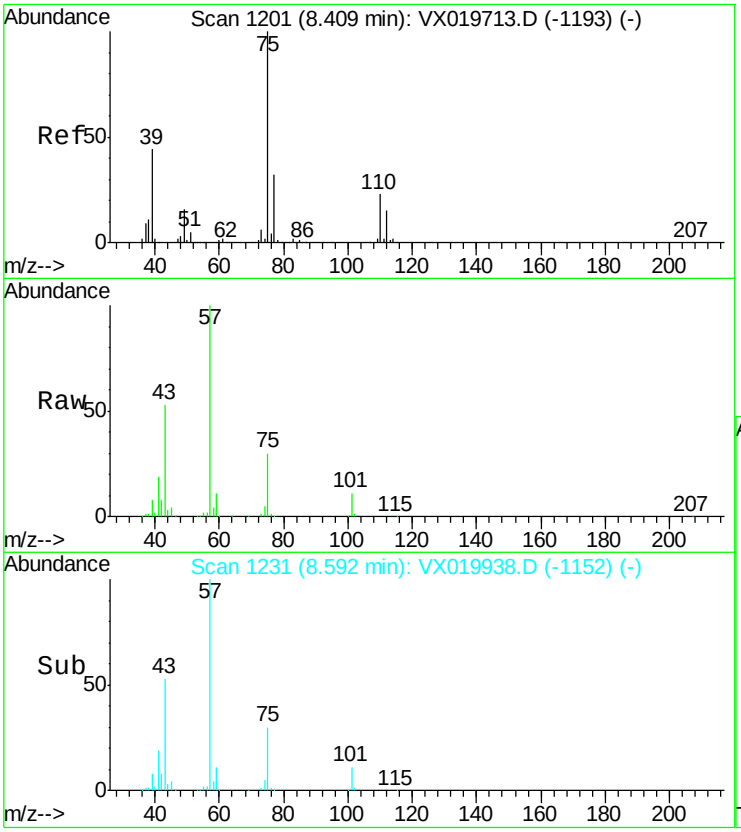


#51
4-Methyl-2-Pentanone
Concen: 18.045 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Tgt Ion: 43 Resp: 82920

Ion	Ratio	Lower	Upper
43	100		
58	10.1	35.4	53.0#



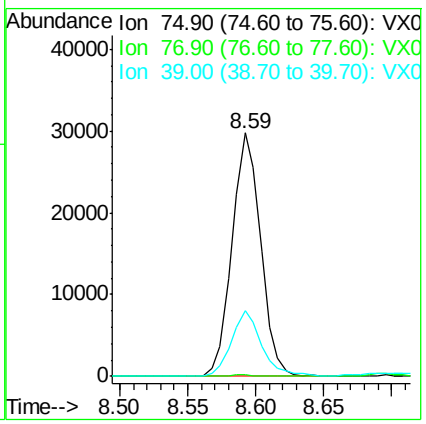


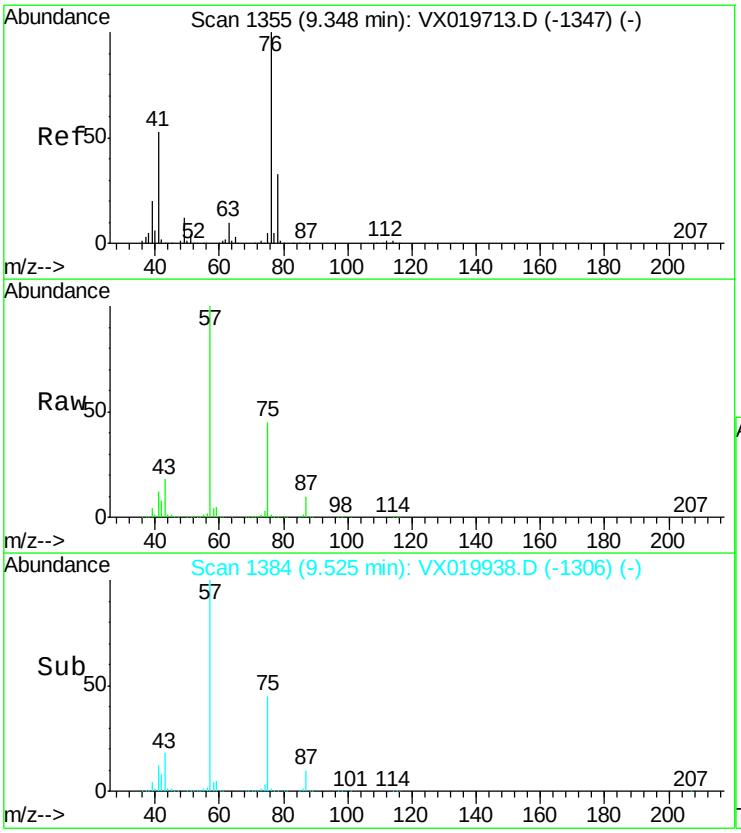
#54
cis-1,3-Dichloropropene
Concen: 7.695 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Instrument : MSVOA_X
ClientSampleId : PB133524ZHE#02

Tgt Ion: 75 Resp: 43517

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.7	38.5#
39	26.7	35.1	52.7#

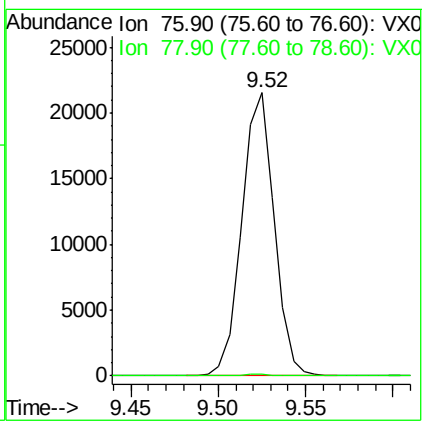


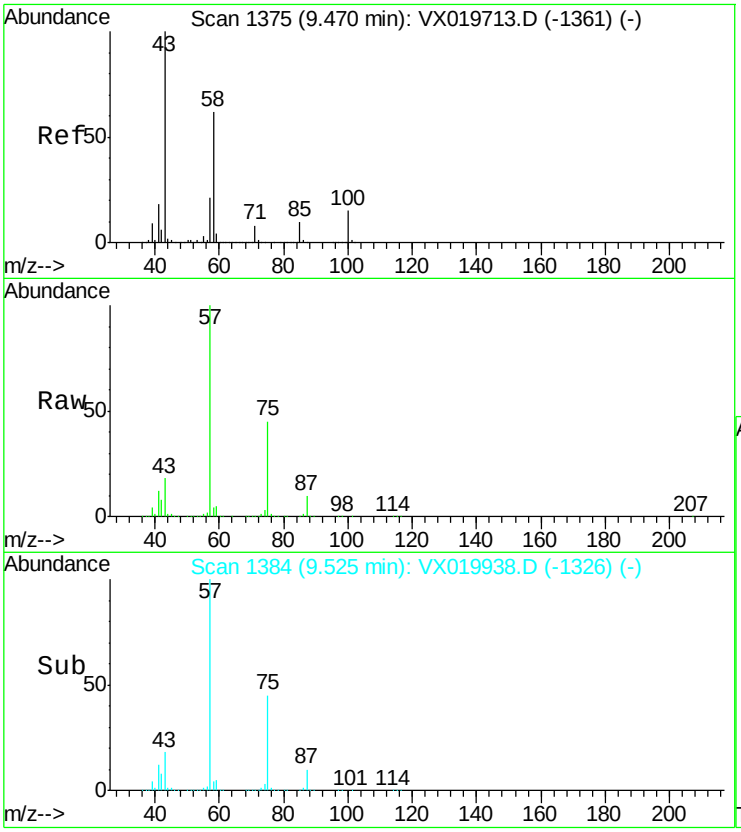


#57
1,3-Dichloropropane
Concen: 4.593 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.18 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Tgt Ion: 76 Resp: 27683

Ion	Ratio	Lower	Upper
76	100		
78	0.6	26.2	39.2#



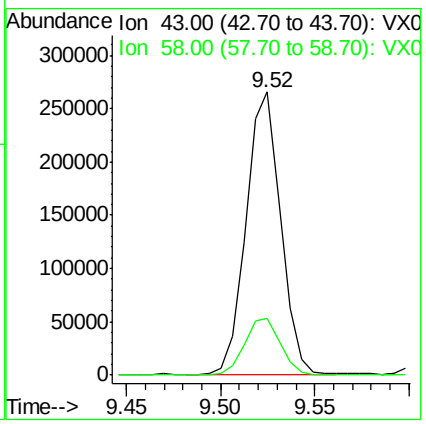


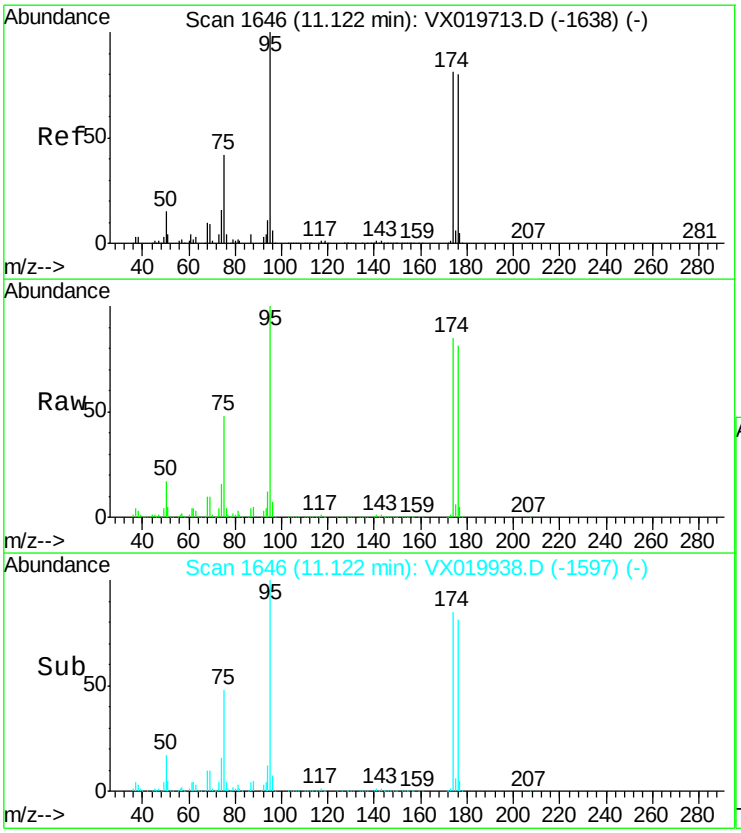
#59
2-Hexanone
Concen: 94.867 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Instrument : MSVOA_X
ClientSampleId : PB133524ZHE#02

Tgt Ion: 43 Resp: 337902

Ion	Ratio	Lower	Upper
43	100		
58	20.8	30.9	92.8#

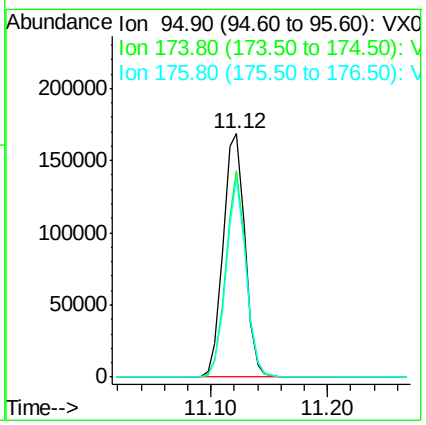


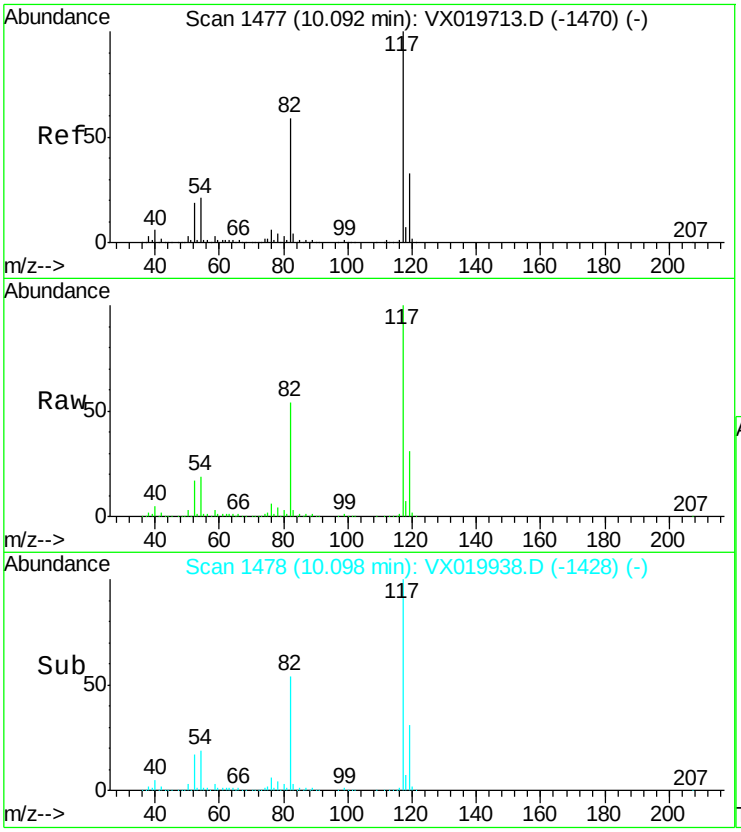


#62
4-Bromofluorobenzene
Concen: 45.968 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Tgt Ion: 95 Resp: 219042

Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	154.6
176	74.9	0.0	155.8



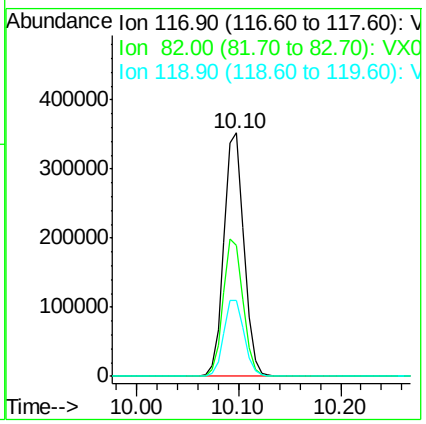


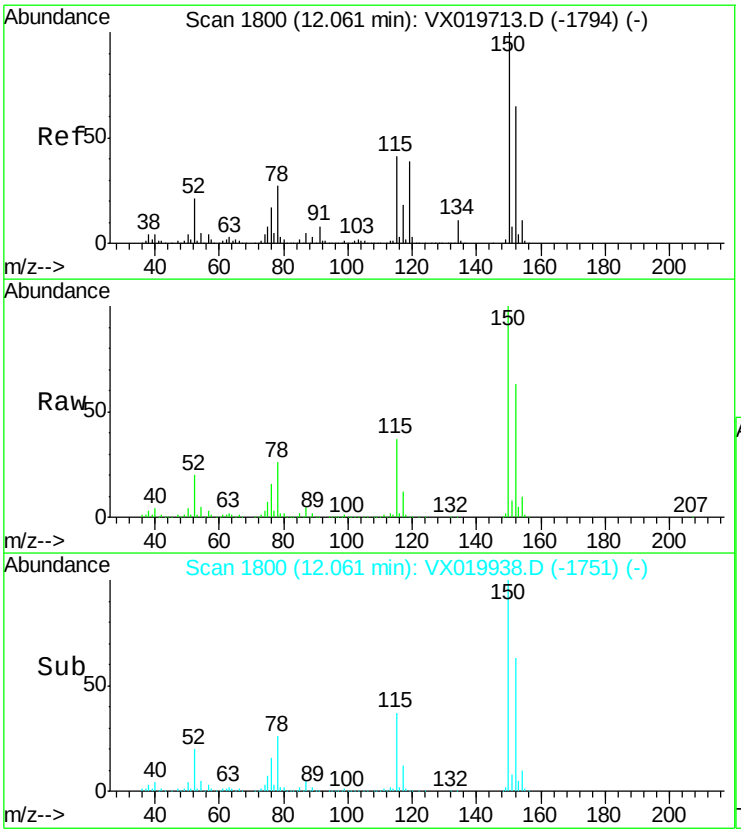
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Instrument : MSVOA_X
ClientSampleId : PB133524ZHE#02

Tgt Ion:117 Resp: 476578

Ion	Ratio	Lower	Upper
117	100		
82	53.5	47.4	71.2
119	31.2	26.6	39.8

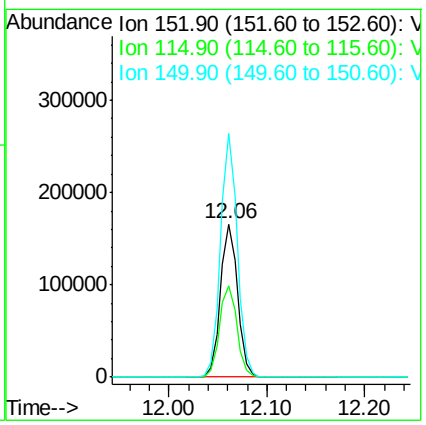


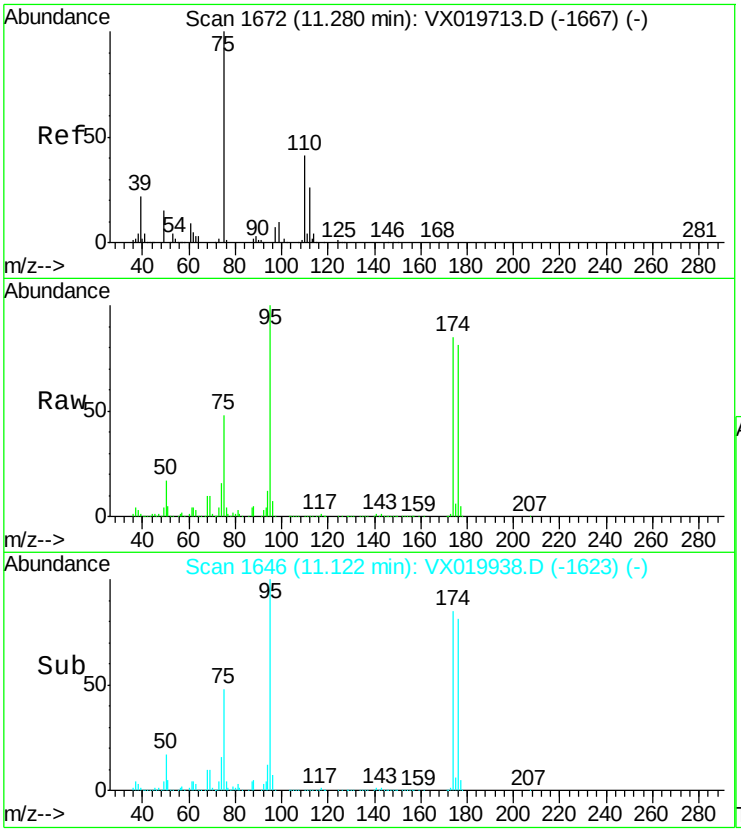


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Tgt Ion:152 Resp: 200987

Ion	Ratio	Lower	Upper
152	100		
115	60.5	41.1	123.3
150	156.1	0.0	349.0



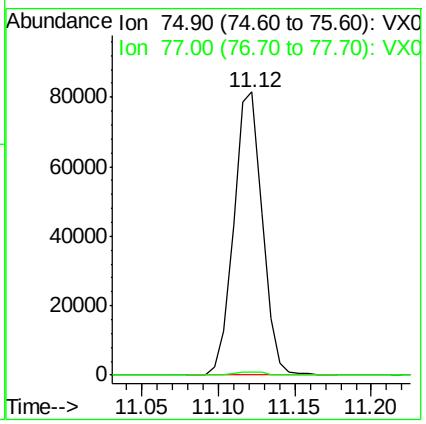


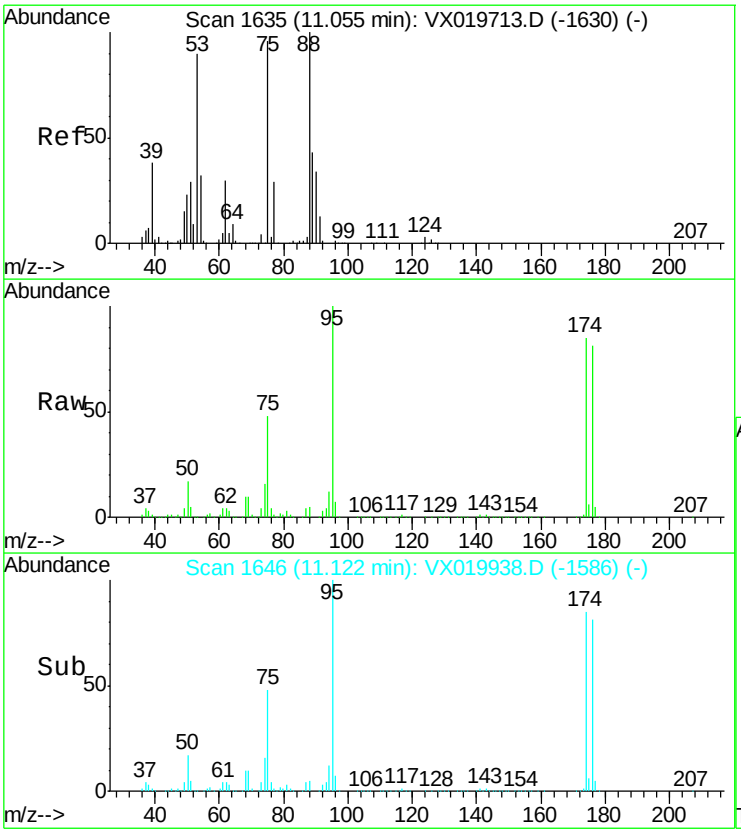
#76
1,2,3-Trichloropropane
Concen: 23.320 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#02

Tgt Ion: 75 Resp: 105123

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.415 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019938.D
Acq: 12 Dec 2020 17:34

Tgt Ion: 75 Resp: 105123

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