Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020096.D
Acq On : 17 Dec 2020 03:58
Operator : JC/MD
Sample : PB133632ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB133632ZHE#02

Quant Time: Dec 17 06:11:14 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	293278	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	494770	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.09	117	470160	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200925	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	192180	49.86	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.72%				
35) Dibromofluoromethane	5.46	113	156057	48.80	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.60%				
50) Toluene-d8	8.70	98	621786	50.93	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.86%				
62) 4-Bromofluorobenzene	11.12	95	219149	47.17	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.34%				
Target Compounds							Qvalue
3) Chloromethane	1.31	50	791	0.250	ug/l		96
5) Bromomethane	1.64	94	772	0.698	ug/l	#	71
6) Chloroethane	1.61	64	659	0.329	ug/l	#	48
11) Tert butyl alcohol	2.99	59	6131	5.178	ug/l	#	78
13) Acrolein	2.27	56	160	0.376	ug/l		88
16) Acetone	2.42	43	13290	9.173	ug/l		98
18) Methyl Acetate	2.75	43	3563	1.005	ug/l	#	83
20) Methylene Chloride	2.84	84	10636	1.846	ug/l		98
25) 2-Butanone	4.64	43	3413	1.533	ug/l		92
31) Cyclohexane	5.63	56	5818	1.213	ug/l	#	1
36) 1,1-Dichloropropene	5.63	75	22695	5.076	ug/l	#	48
38) Carbon Tetrachloride	5.63	117	29206	6.671	ug/l	#	17
43) Isopropyl Acetate	6.41	43	24468	3.334	ug/l		99
48) Methyl methacrylate	7.65	41	7155	1.982	ug/l	#	10
49) 1,4-Dioxane	7.85	88	281	3.214	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.59	43	90849	20.276	ug/l	#	46
54) cis-1,3-Dichloropropene	8.59	75	47369	8.590	ug/l	#	61
57) 1,3-Dichloropropane	9.52	76	30542	5.196	ug/l	#	43
59) 2-Hexanone	9.52	43	369740	106.456	ug/l	#	47
74) N-amyl acetate	10.68	43	16346	2.971	ug/l	#	49
76) 1,2,3-Trichloropropane	11.12	75	106157	23.557	ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.49	105	6617	0.571	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.12	75	106157	68.099	ug/l	#	12

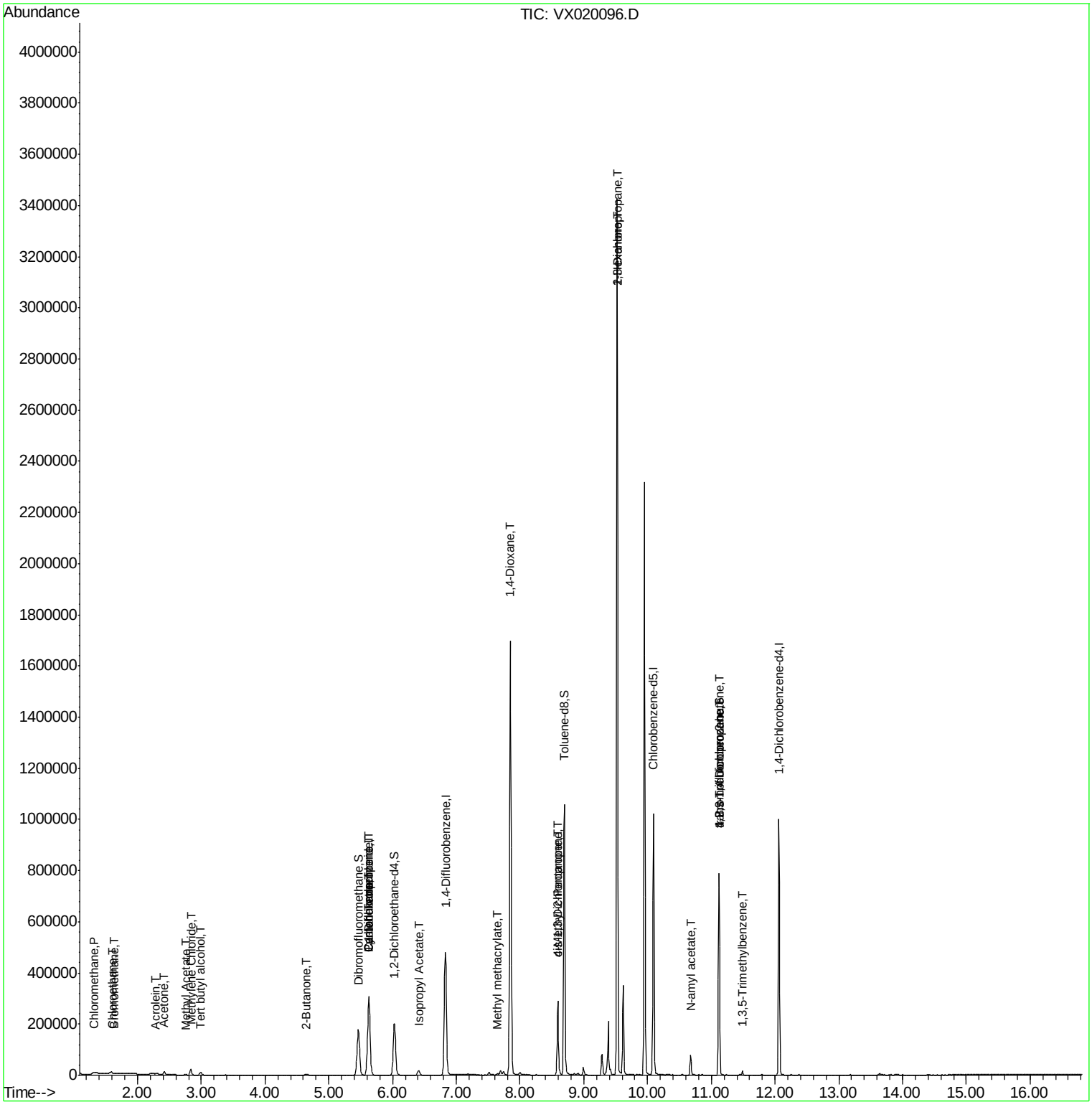
(#) = qualifier out of range (m) = manual integration (+) = signals summed

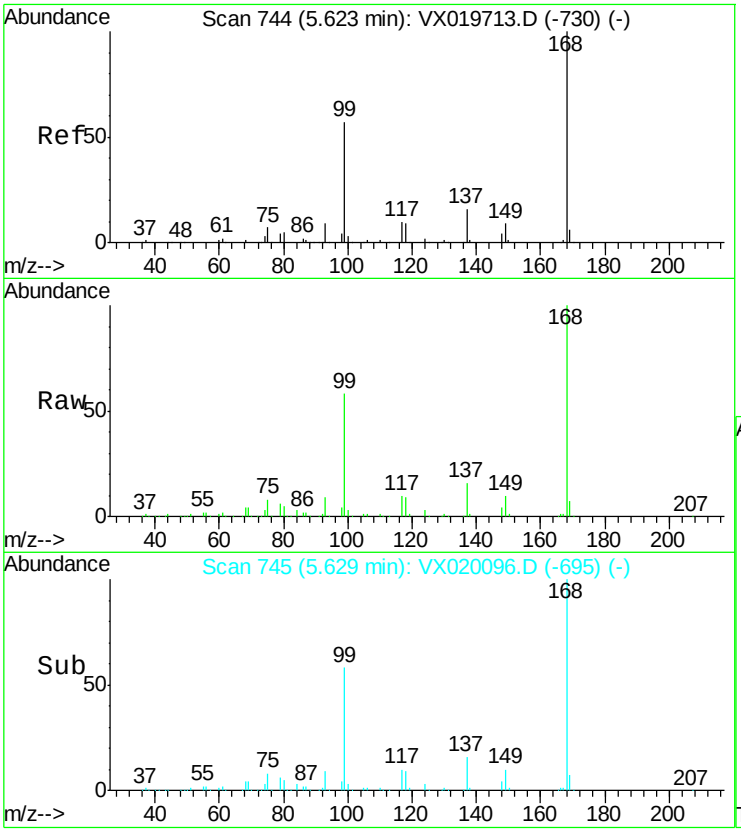
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020096.D
Acq On : 17 Dec 2020 03:58
Operator : JC/MD
Sample : PB133632ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133632ZHE#02

Quant Time: Dec 17 06:11:14 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



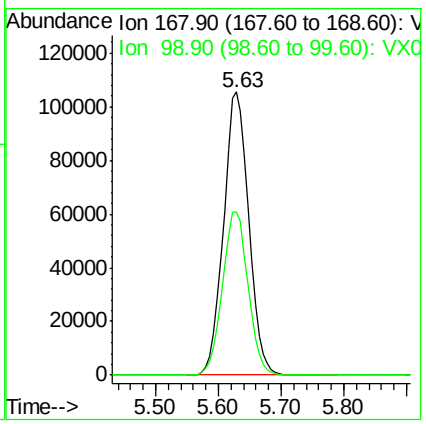


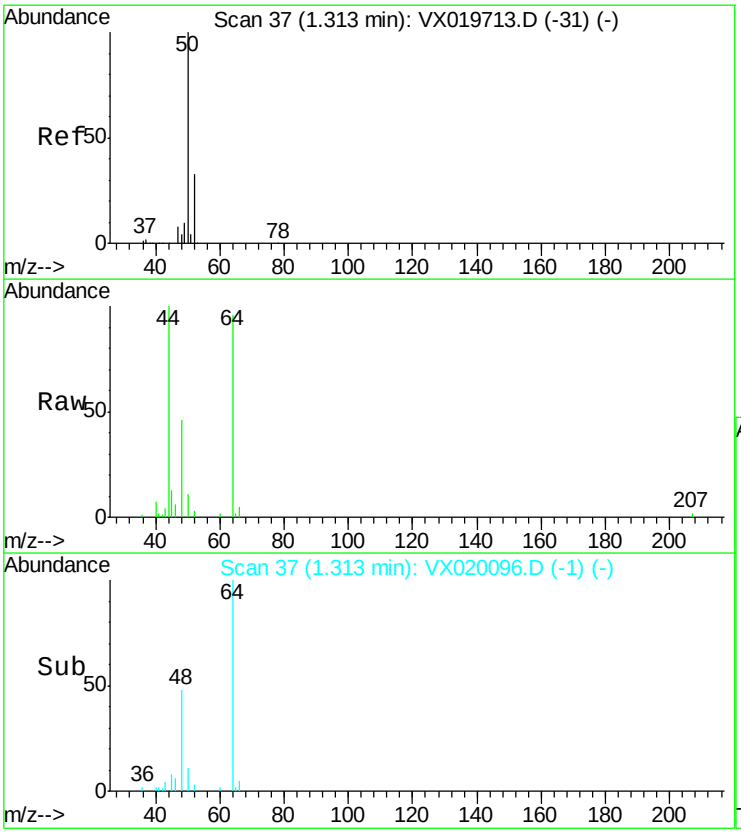
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
PB133632ZHE#02

Tgt Ion:168 Resp: 293278

Ion	Ratio	Lower	Upper
168	100		
99	57.5	45.8	68.6

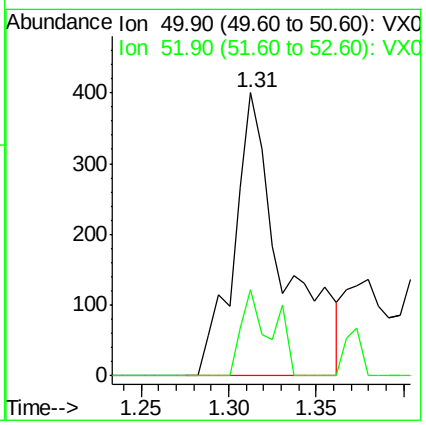


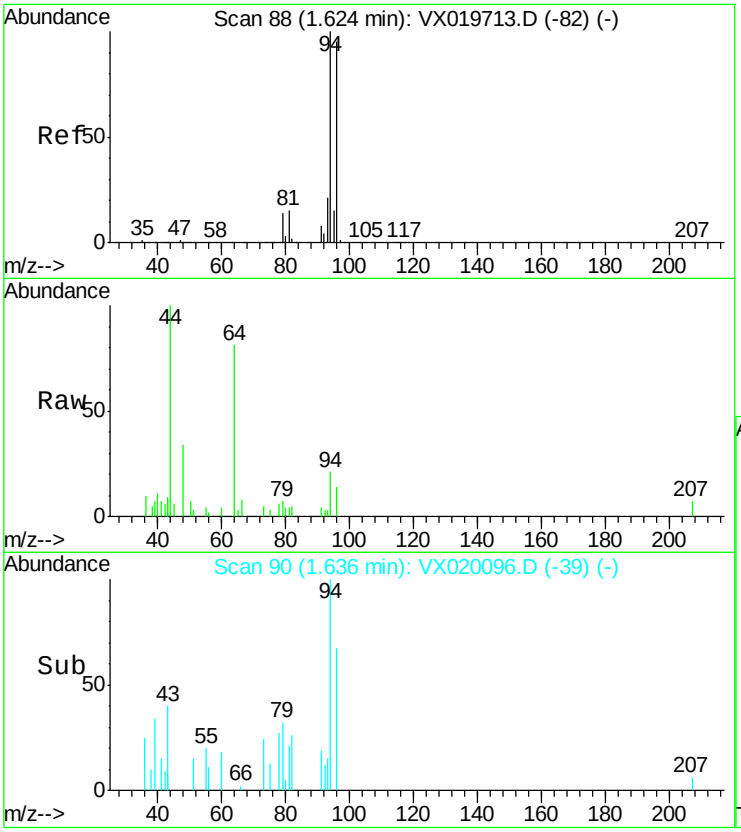


#3
Chloromethane
Concen: 0.250 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Tgt Ion: 50 Resp: 791

Ion	Ratio	Lower	Upper
50	100		
52	30.5	26.4	39.6



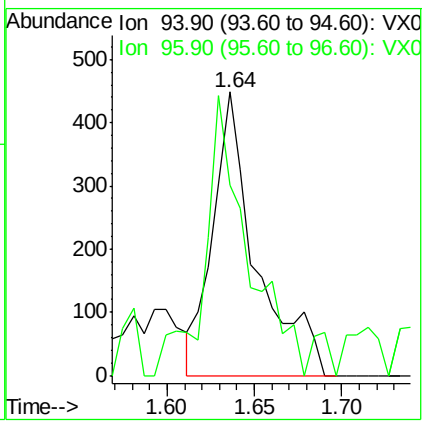


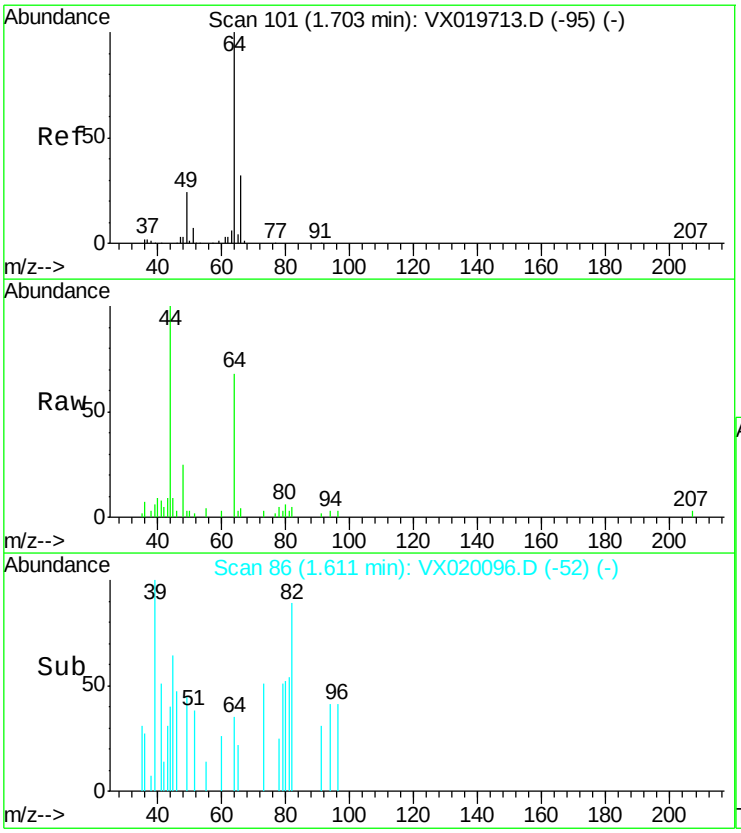
#5
Bromomethane
Concen: 0.698 ug/l
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
PB133632ZHE#02

Tgt Ion: 94 Resp: 772

Ion	Ratio	Lower	Upper
94	100		
96	67.4	76.4	114.6#

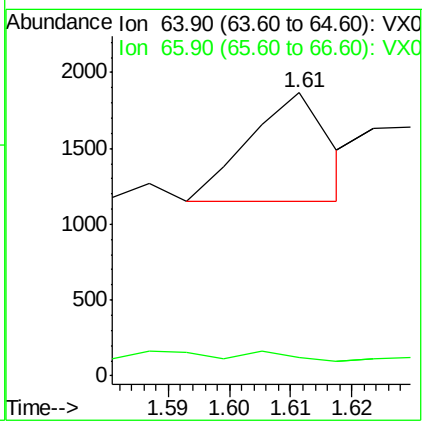


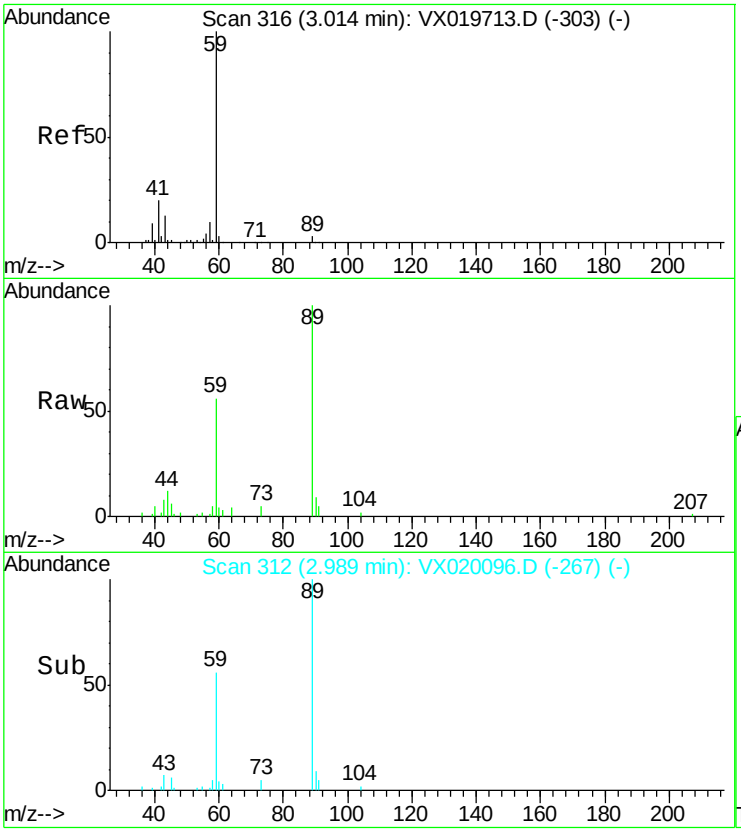


#6
Chloroethane
Concen: 0.329 ug/l
RT: 1.61 min Scan# 86
Delta R.T. -0.09 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Tgt Ion: 64 Resp: 659

Ion	Ratio	Lower	Upper
64	100		
66	2.8	25.4	38.0#



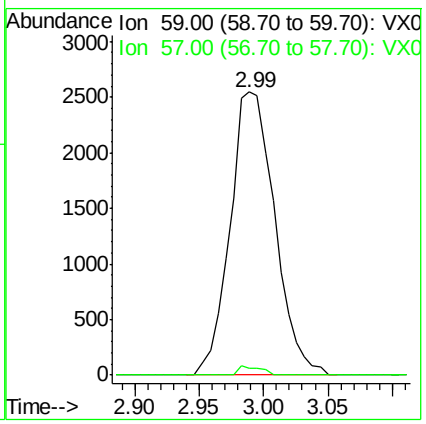


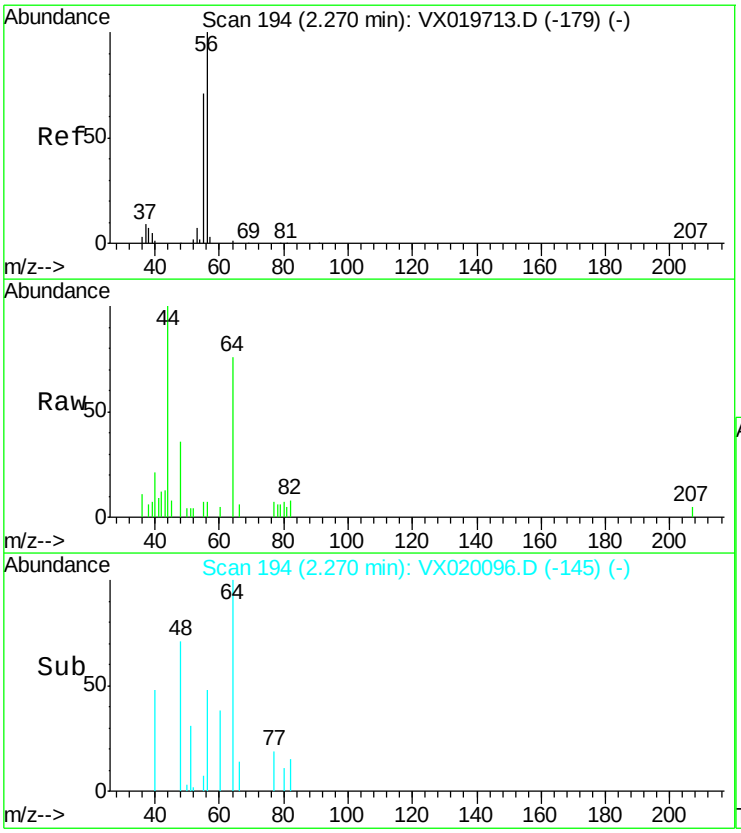
#11
Tert butyl alcohol
Concen: 5.178 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
PB133632ZHE#02

Tgt Ion: 59 Resp: 6131

Ion	Ratio	Lower	Upper
59	100		
57	1.6	7.8	11.8#

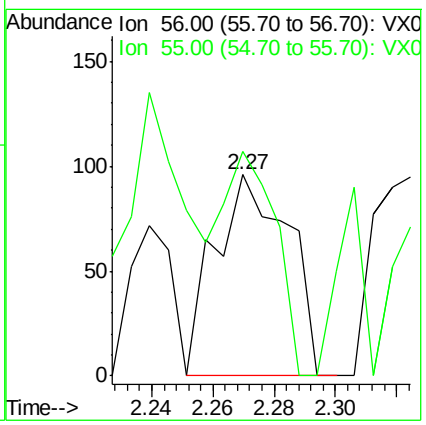


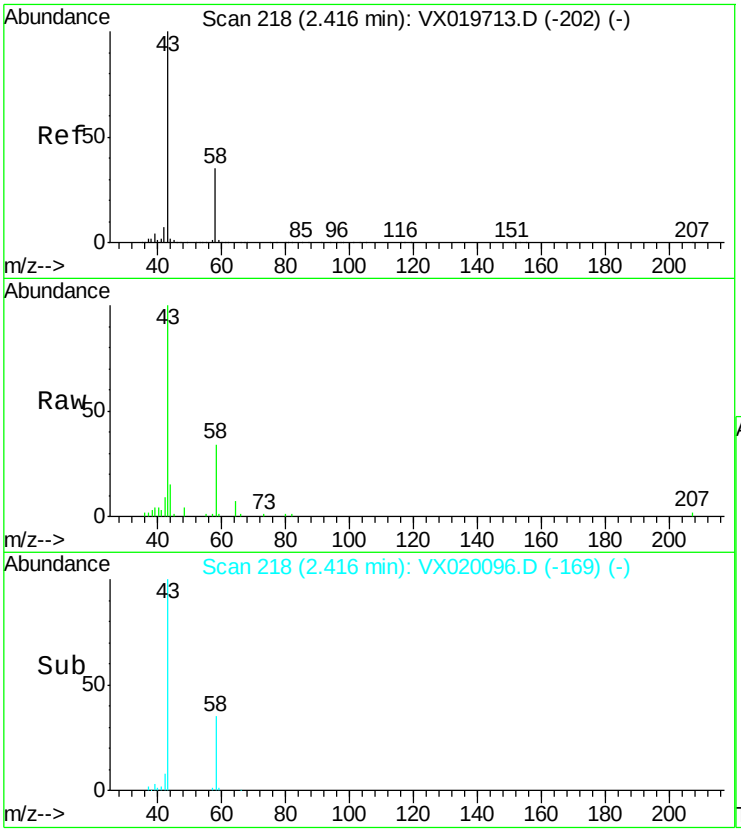


#13
Acrolein
Concen: 0.376 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Tgt Ion: 56 Resp: 160

Ion	Ratio	Lower	Upper
56	100		
55	80.0	56.4	84.6



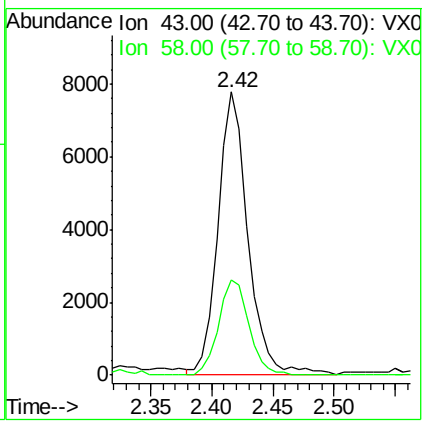


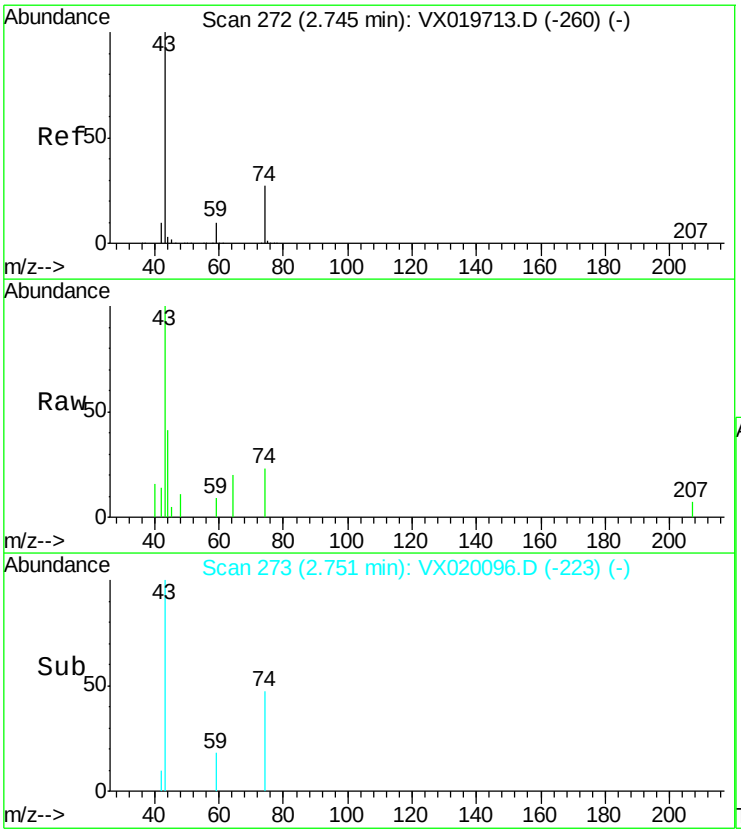
#16
Acetone
Concen: 9.173 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
PB133632ZHE#02

Tgt Ion: 43 Resp: 13290

Ion	Ratio	Lower	Upper
43	100		
58	33.6	27.8	41.8

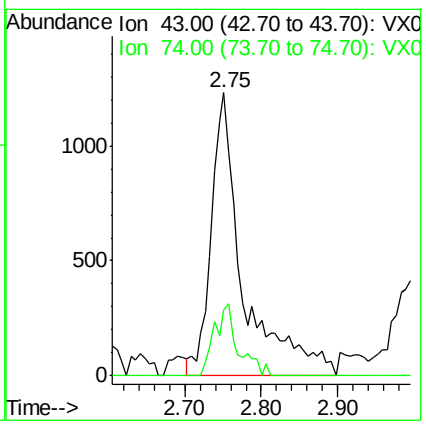


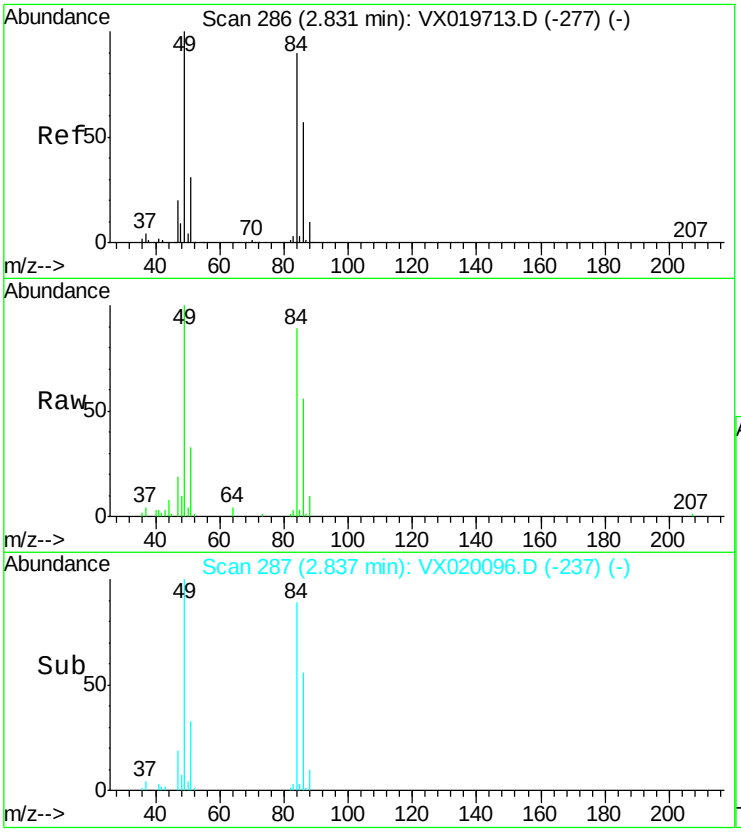


#18
Methyl Acetate
Concen: 1.005 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Tgt Ion: 43 Resp: 3563

Ion	Ratio	Lower	Upper
43	100		
74	18.4	21.9	32.9#



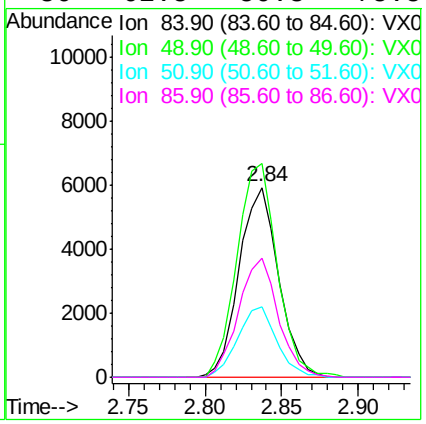


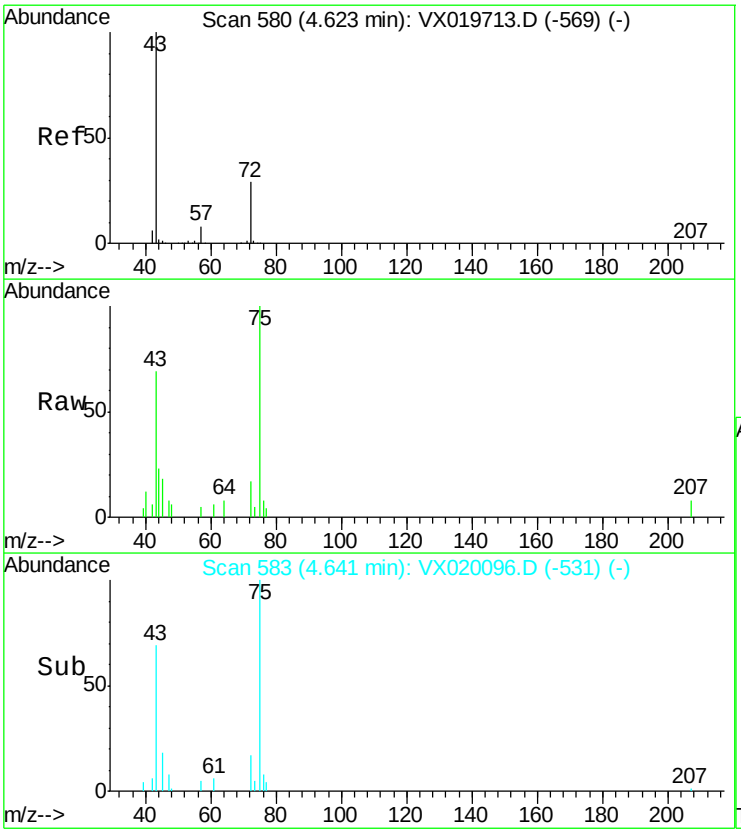
#20
Methylene Chloride
Concen: 1.846 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
PB133632ZHE#02

Tgt Ion: 84 Resp: 10636

Ion	Ratio	Lower	Upper
84	100		
49	112.6	88.6	132.8
51	37.3	27.0	40.6
86	62.5	50.3	75.5

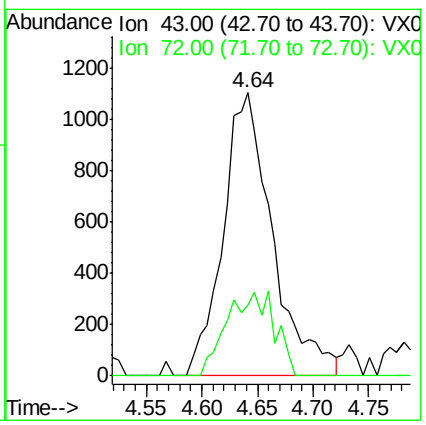


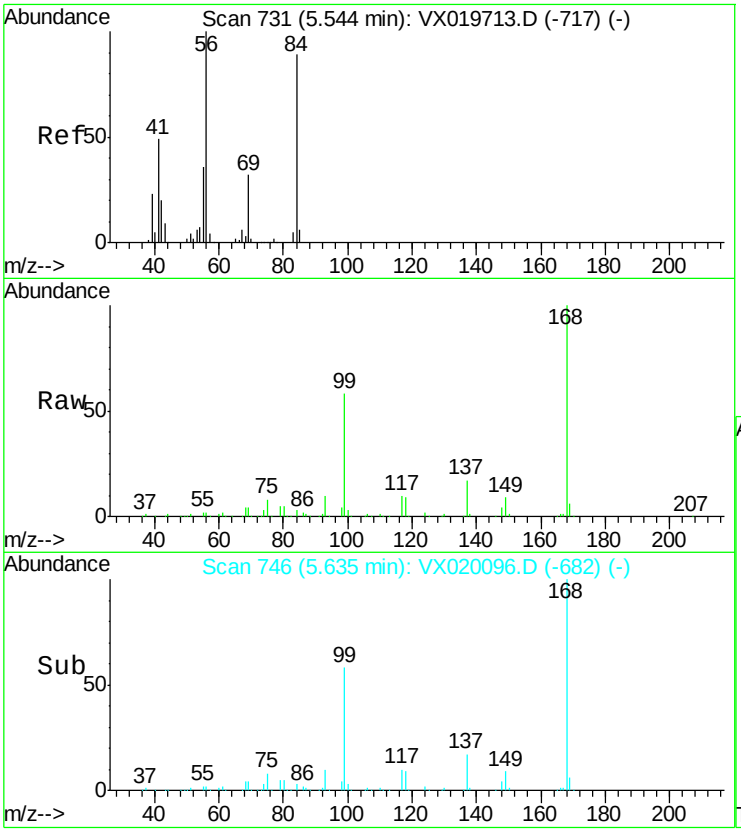


#25
2-Butanone
Concen: 1.533 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.02 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Tgt Ion: 43 Resp: 3413

Ion	Ratio	Lower	Upper
43	100		
72	25.2	23.7	35.5



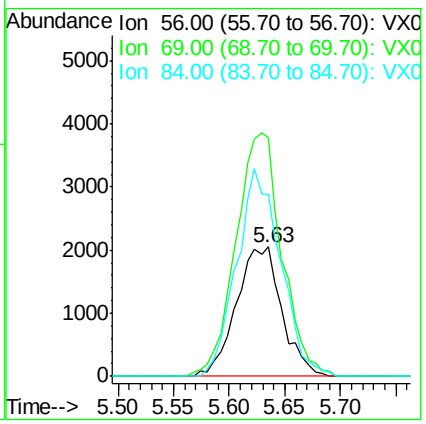


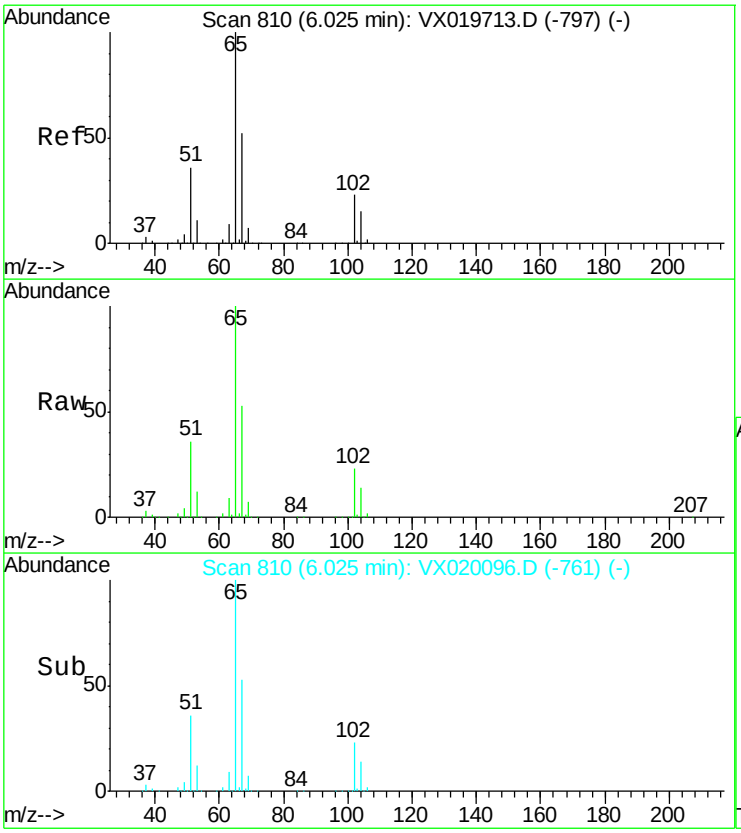
#31
Cyclohexane
Concen: 1.213 ug/l
RT: 5.63 min Scan# 746
Delta R.T. 0.09 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
PB133632ZHE#02

Tgt Ion: 56 Resp: 5818

Ion	Ratio	Lower	Upper
56	100		
69	184.2	25.3	37.9#
84	140.8	71.4	107.0#

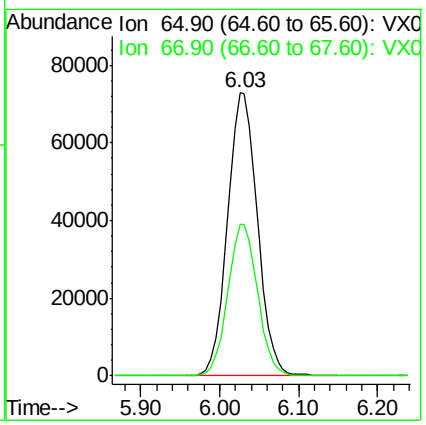


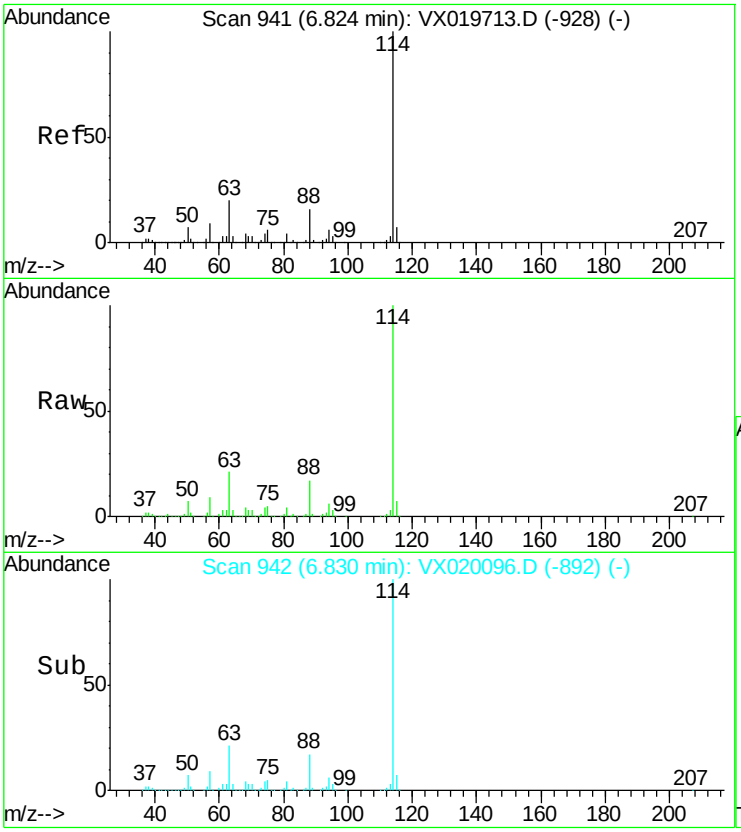


#33
1,2-Dichloroethane-d4
Concen: 49.858 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Tgt Ion: 65 Resp: 192180

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.4



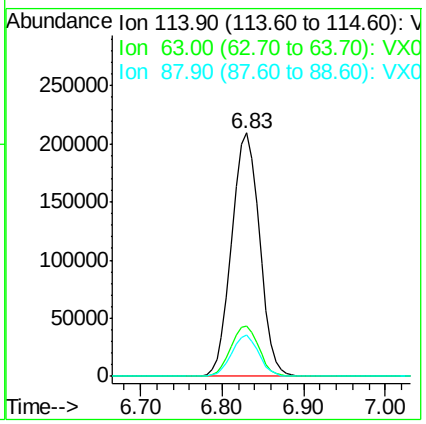


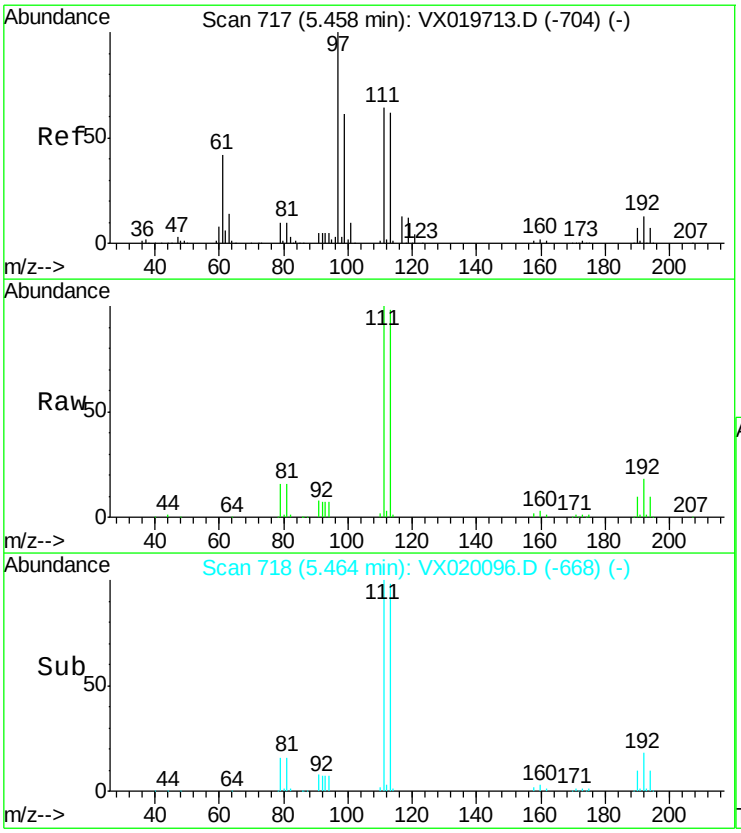
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
PB133632ZHE#02

Tgt Ion:114 Resp: 494770

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	16.8	0.0	32.8

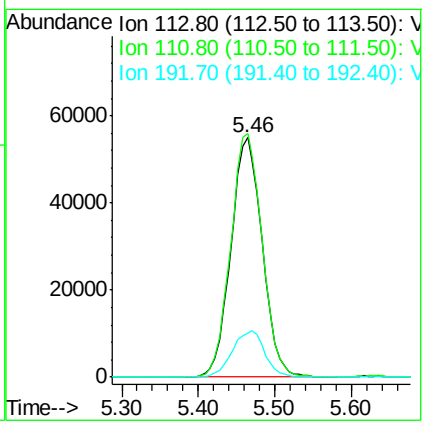


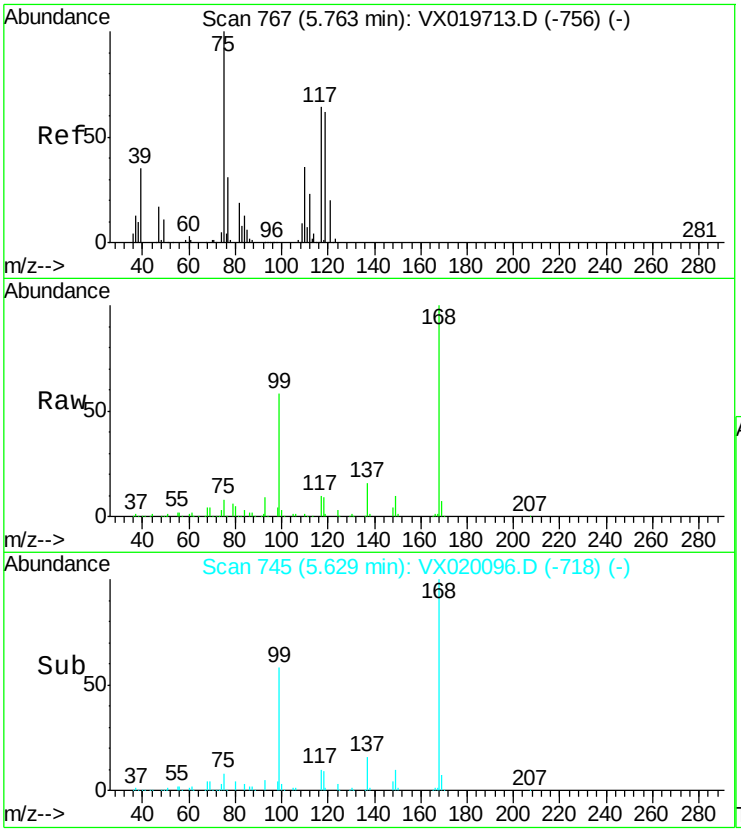


#35
Dibromofluoromethane
Concen: 48.804 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Tgt Ion:113 Resp: 156057

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	19.9	16.7	25.1



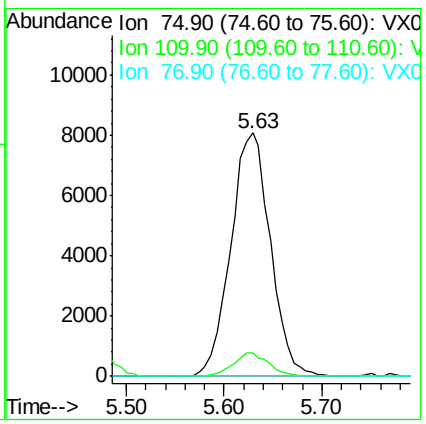


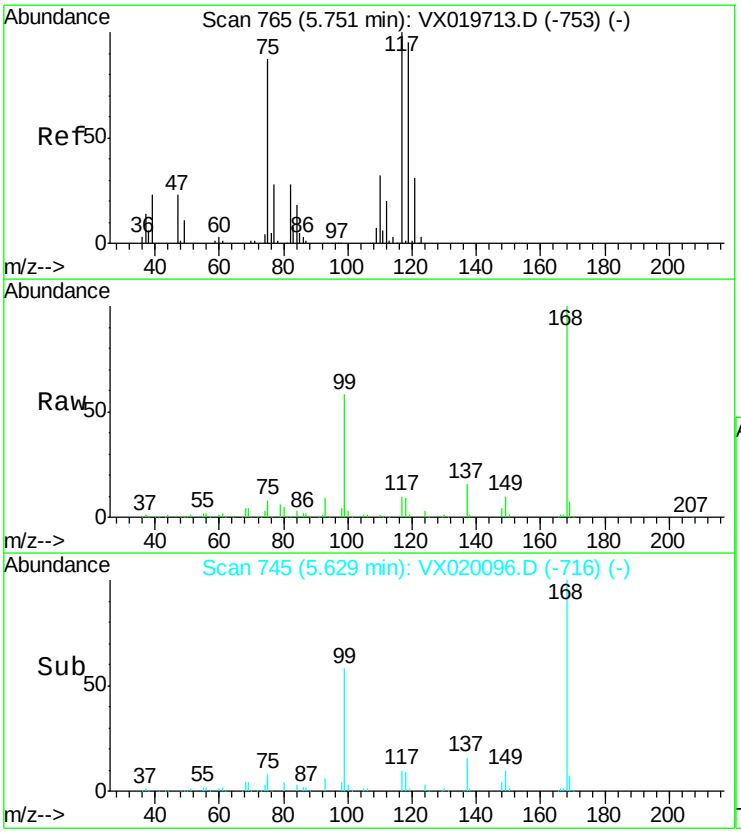
#36
1,1-Dichloropropene
Concen: 5.076 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Instrument : MSVOA_X
ClientSampleId : PB133632ZHE#02

Tgt Ion: 75 Resp: 22695

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

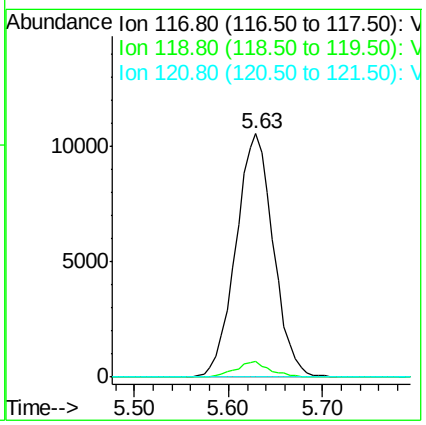


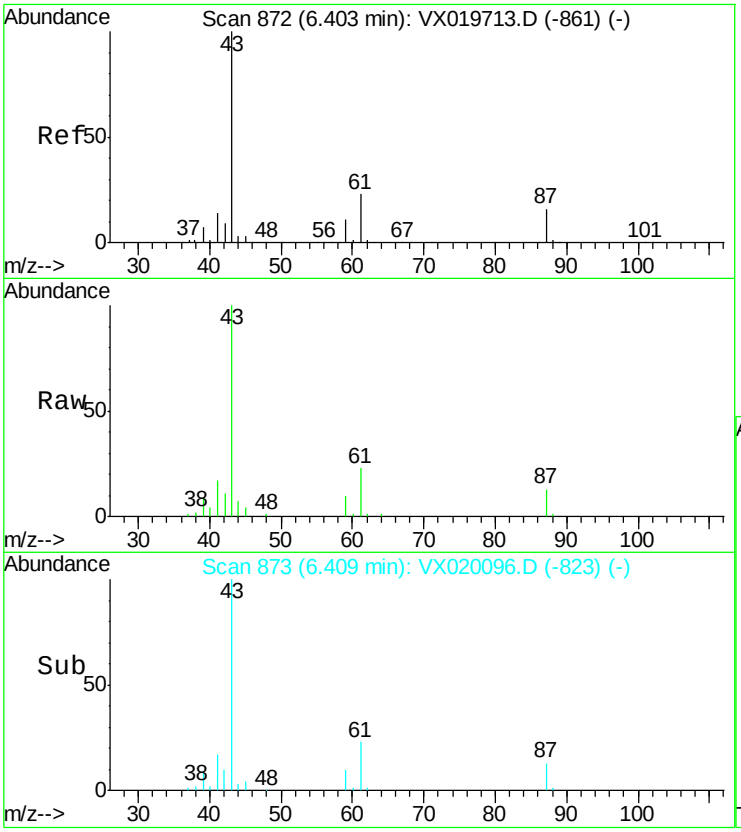


#38
Carbon Tetrachloride
Concen: 6.671 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Tgt Ion:117 Resp: 29206

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



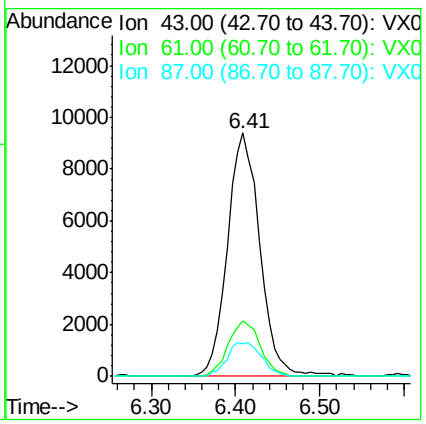


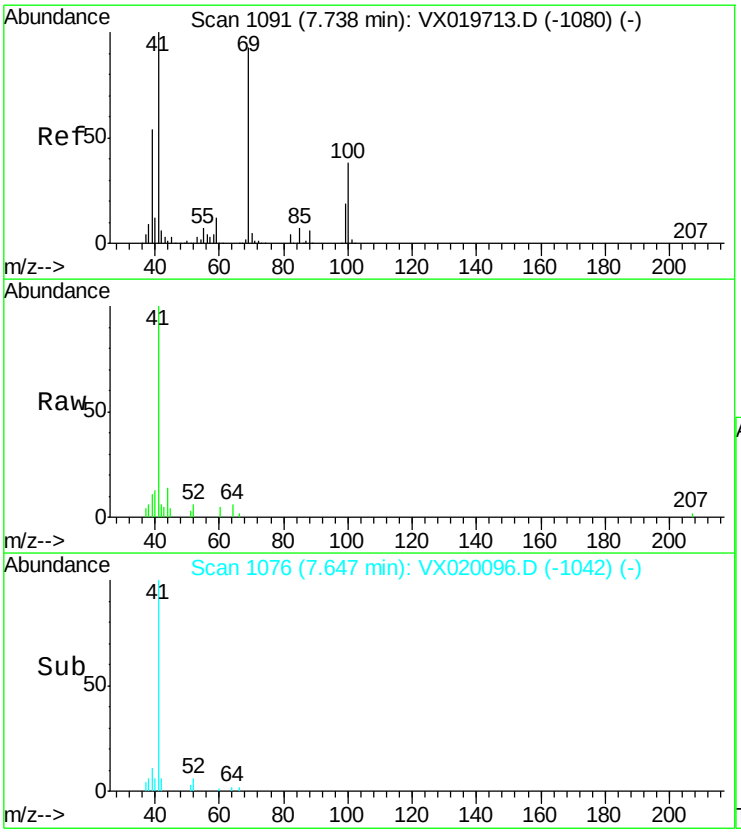
#43
Isopropyl Acetate
Concen: 3.334 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
PB133632ZHE#02

Tgt Ion: 43 Resp: 24468

Ion	Ratio	Lower	Upper
43	100		
61	22.5	18.2	27.4
87	14.9	12.5	18.7

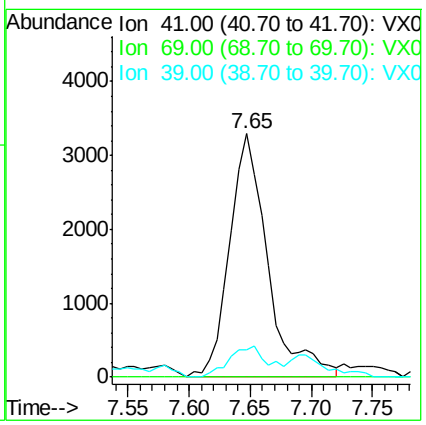


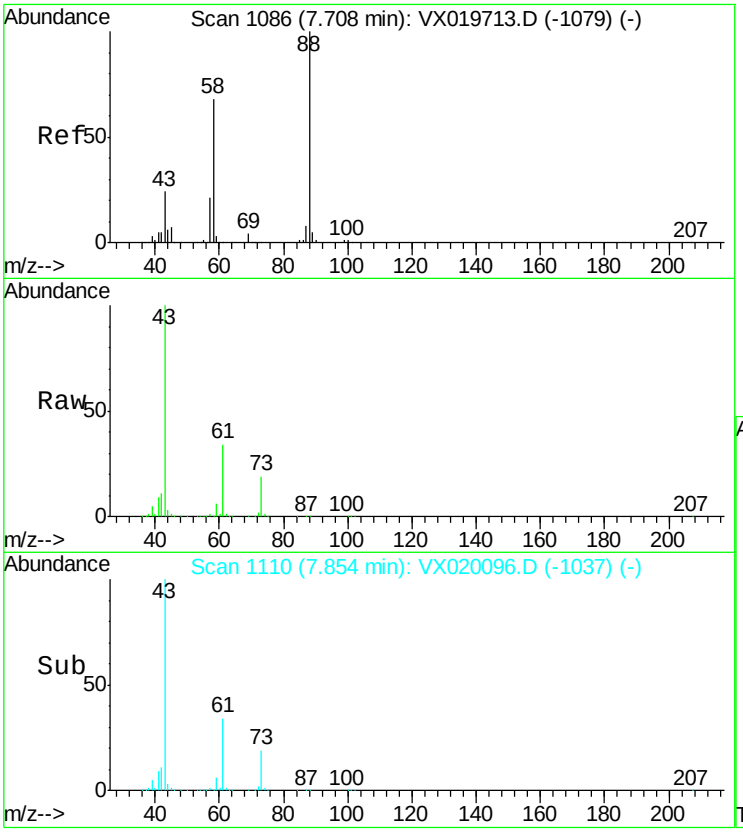


#48
Methyl methacrylate
Concen: 1.982 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.09 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Tgt Ion: 41 Resp: 7155

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



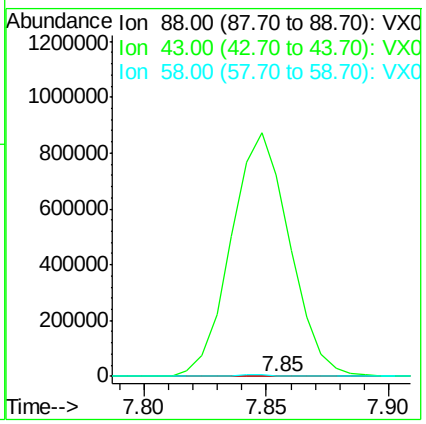


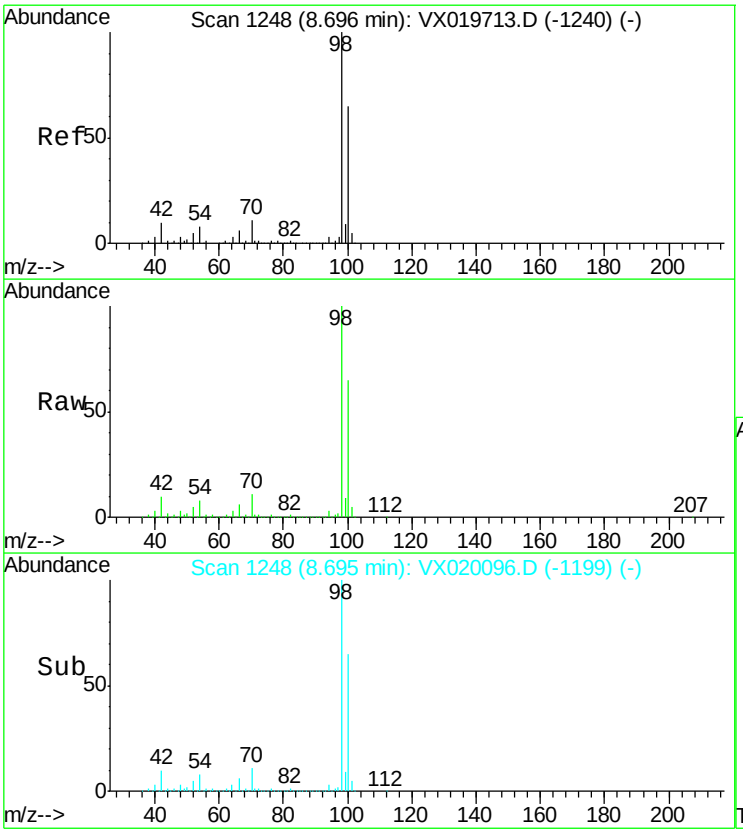
#49
1,4-Dioxane
Concen: 3.214 ug/l
RT: 7.85 min Scan# 1110
Delta R.T. 0.15 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
PB133632ZHE#02

Tgt Ion: 88 Resp: 281

Ion	Ratio	Lower	Upper
88	100		
43	519248.4	23.2	34.8#
58	2707.5	55.0	82.4#

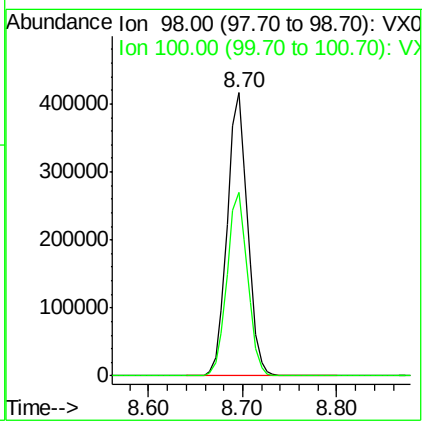


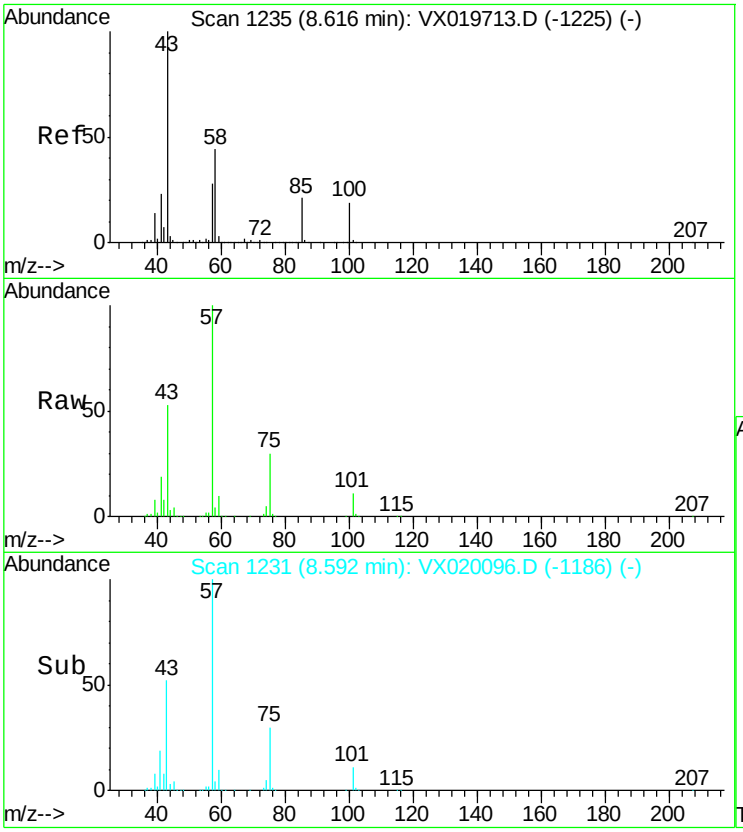


#50
Toluene-d8
Concen: 50.934 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Tgt Ion: 98 Resp: 621786

Ion	Ratio	Lower	Upper
98	100		
100	65.9	51.9	77.9



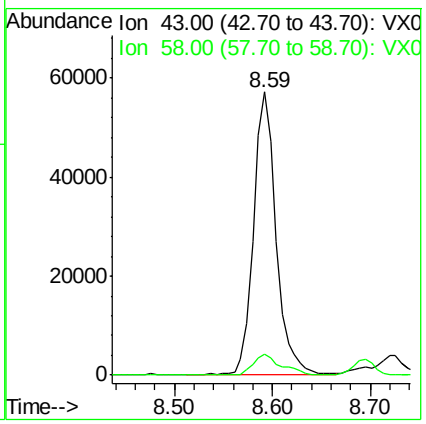


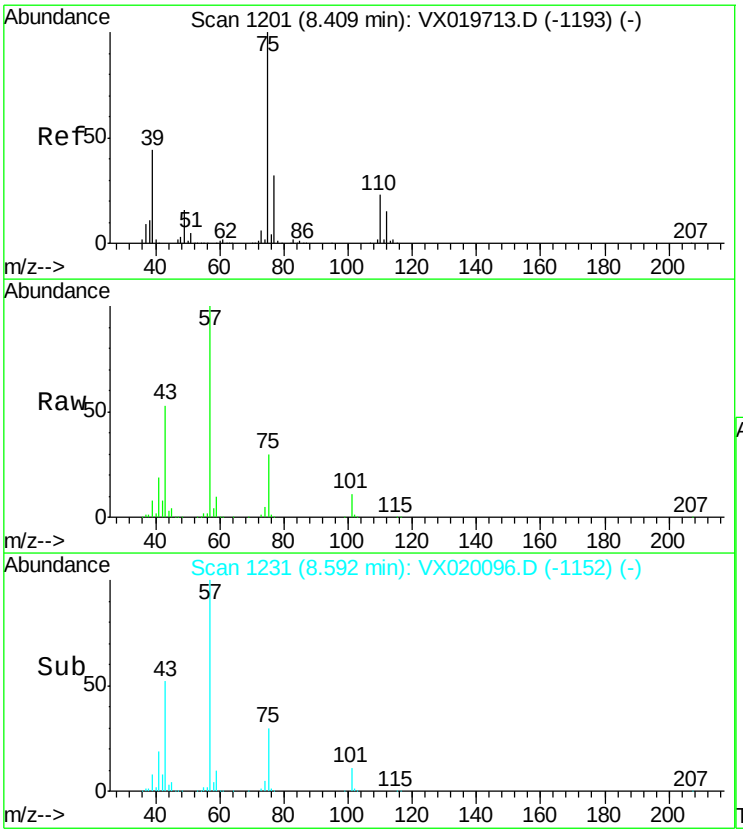
#51
4-Methyl-2-Pentanone
Concen: 20.276 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
PB133632ZHE#02

Tgt Ion: 43 Resp: 90849

Ion	Ratio	Lower	Upper
43	100		
58	9.4	35.4	53.0#

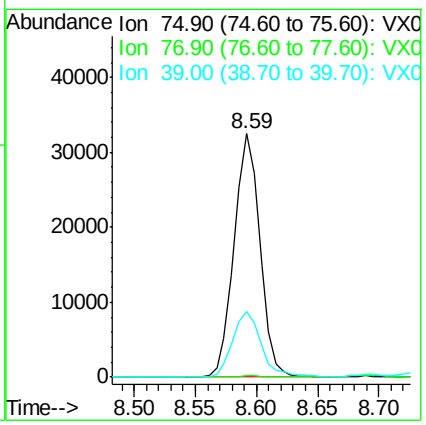


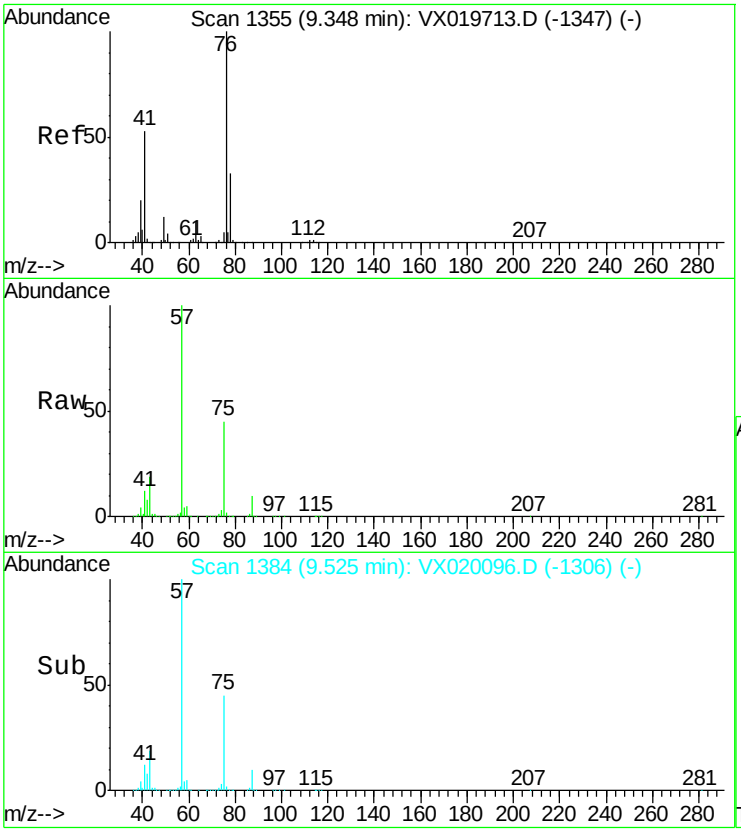


#54
cis-1,3-Dichloropropene
Concen: 8.590 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Tgt Ion: 75 Resp: 47369

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.7	38.5#
39	27.2	35.1	52.7#



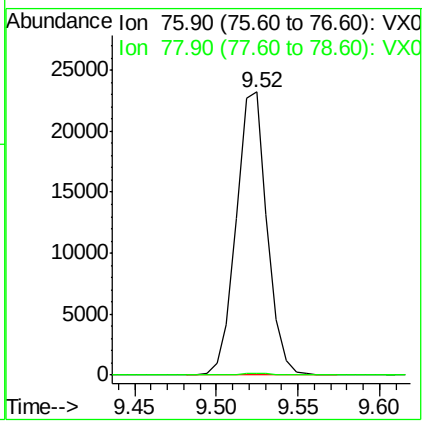


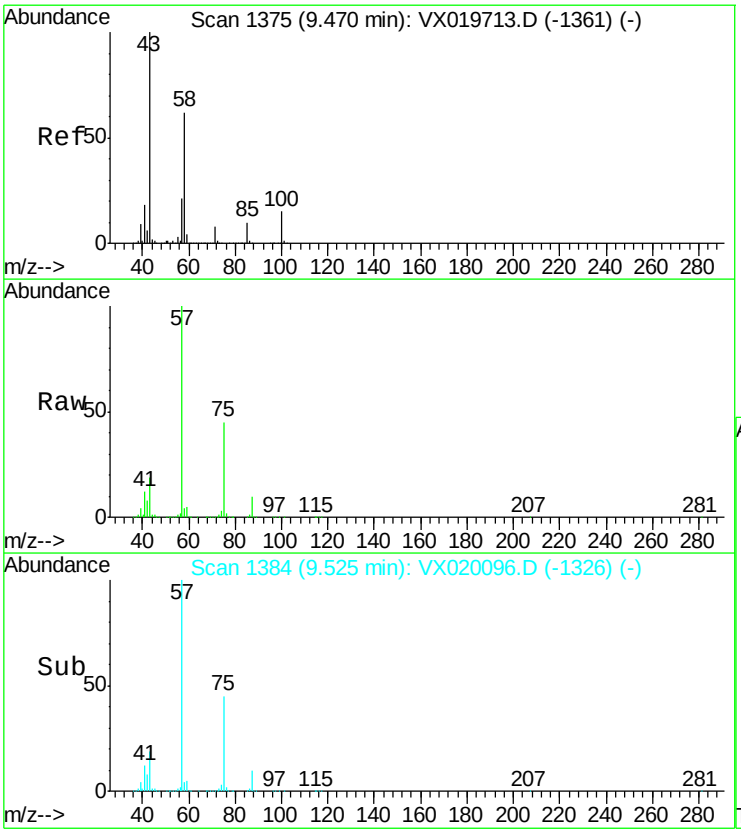
#57
1,3-Dichloropropane
Concen: 5.196 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.18 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
PB133632ZHE#02

Tgt Ion: 76 Resp: 30542

Ion	Ratio	Lower	Upper
76	100		
78	0.5	26.2	39.2#

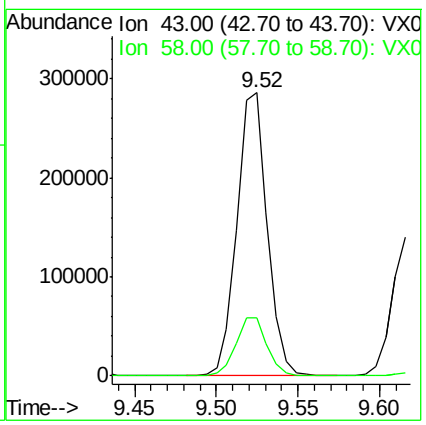


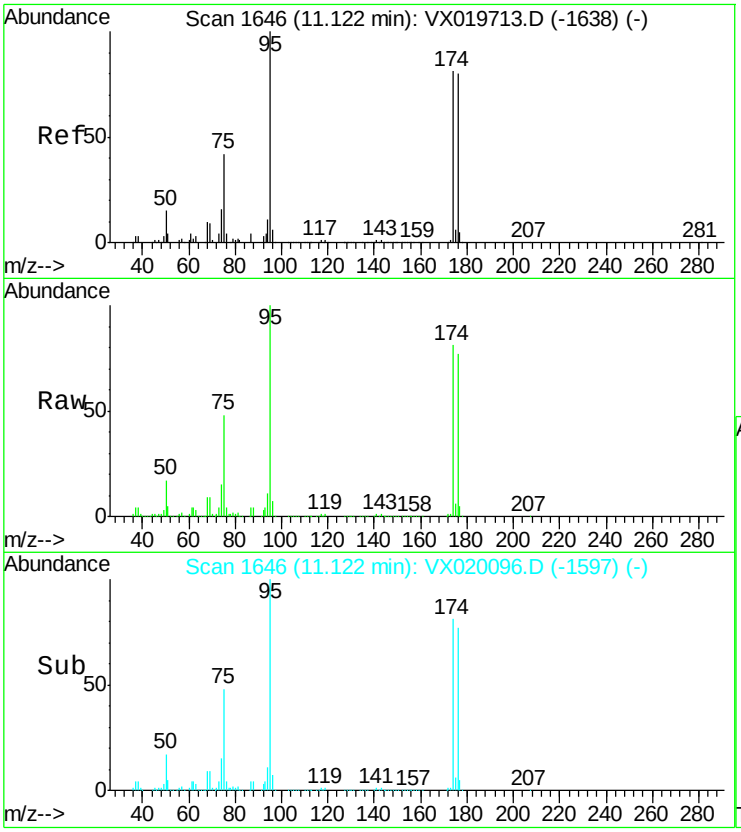


#59
2-Hexanone
Concen: 106.456 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Tgt Ion: 43 Resp: 369740

Ion	Ratio	Lower	Upper
43	100		
58	21.0	30.9	92.8#



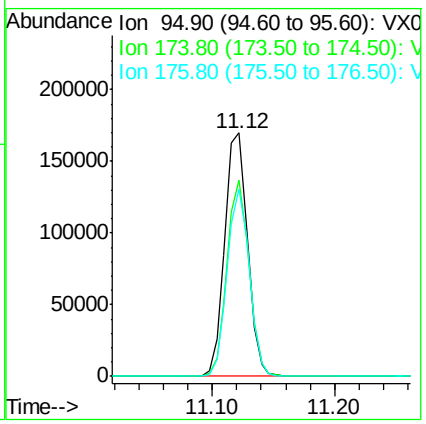


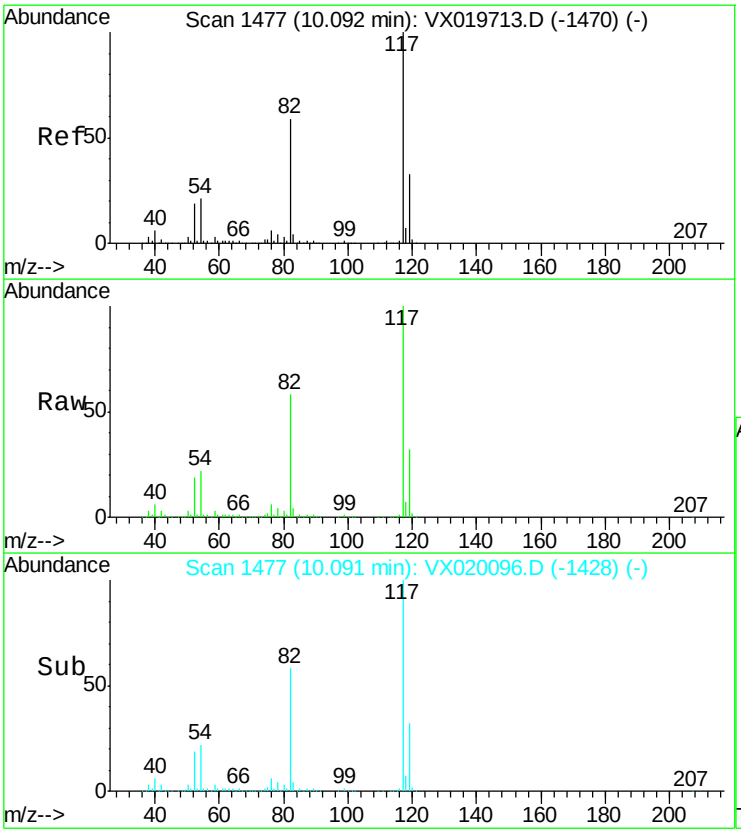
#62
4-Bromofluorobenzene
Concen: 47.165 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
PB133632ZHE#02

Tgt Ion: 95 Resp: 219149

Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	154.6
176	74.3	0.0	155.8

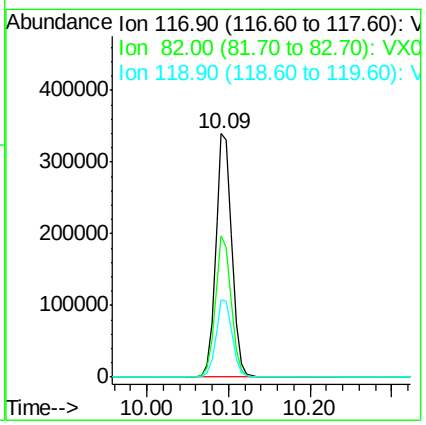


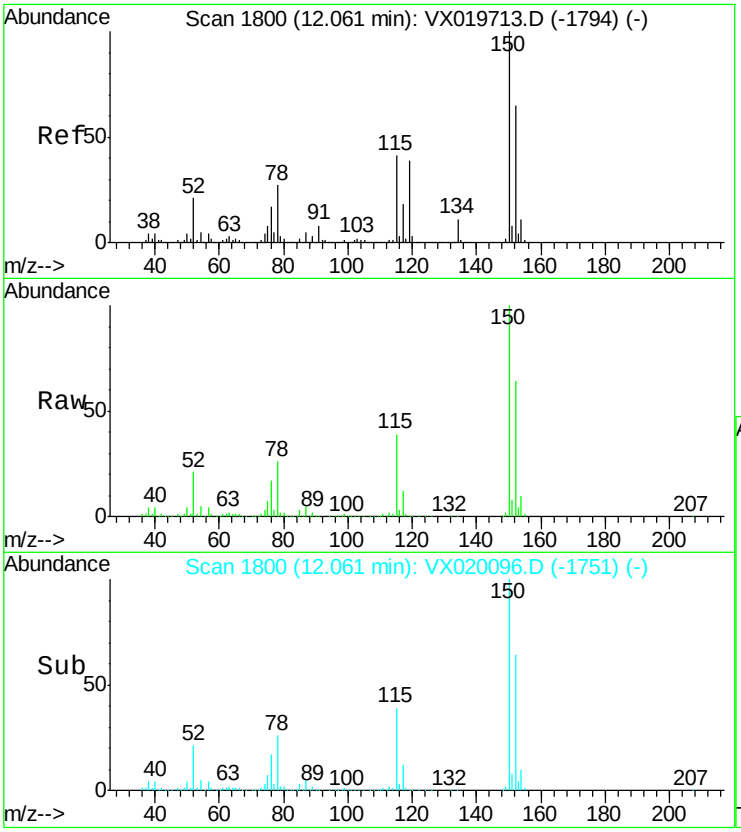


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Tgt Ion:117 Resp: 470160

Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.4	71.2
119	31.9	26.6	39.8



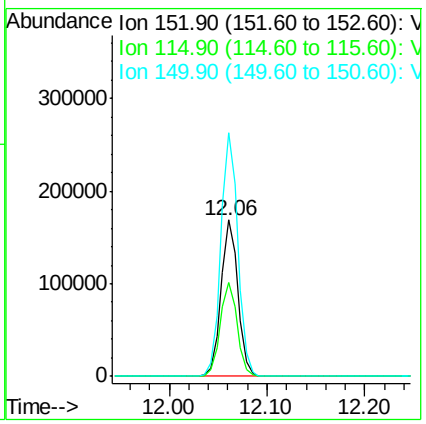


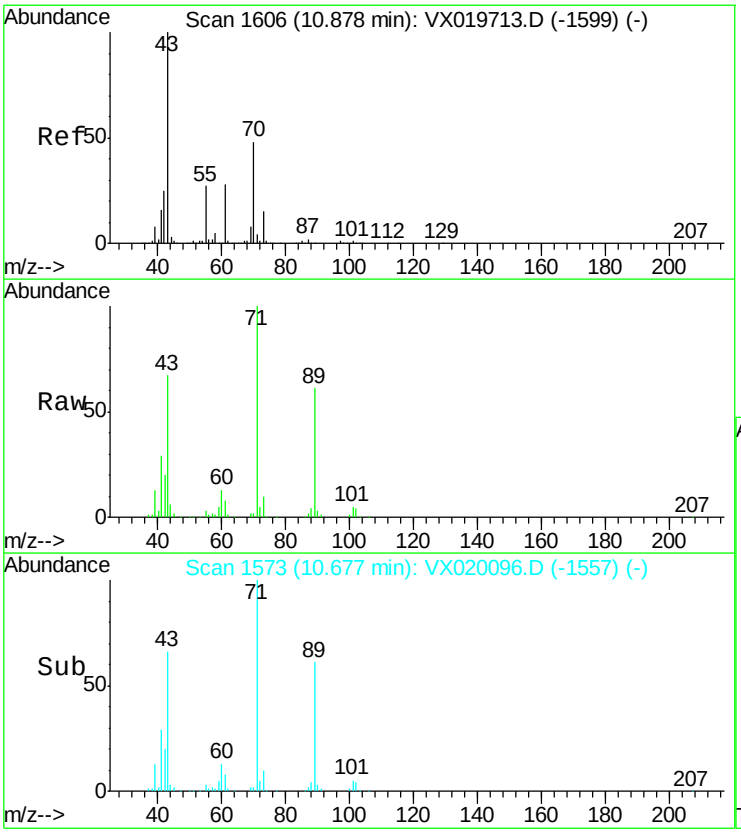
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
PB133632ZHE#02

Tgt Ion:152 Resp: 200925

Ion	Ratio	Lower	Upper
152	100		
115	60.5	41.1	123.3
150	157.1	0.0	349.0

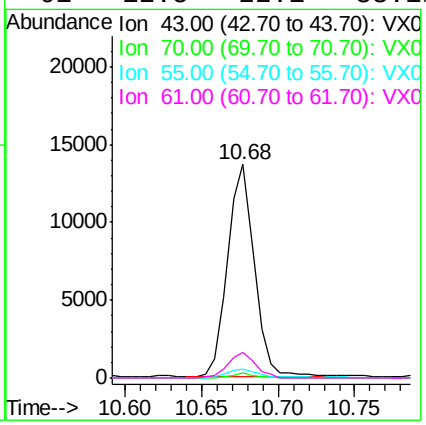


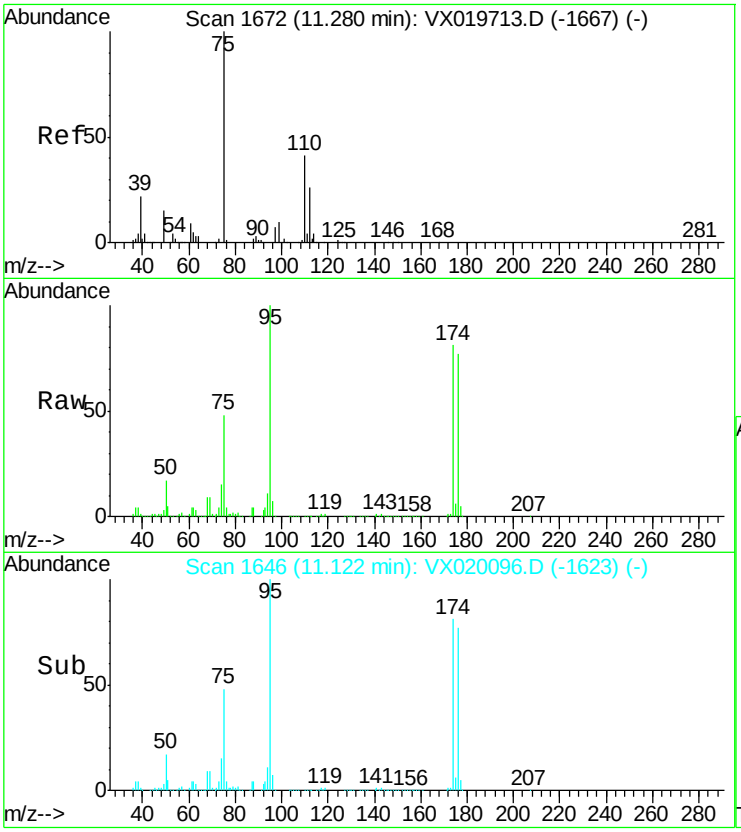


#74
N-amyl acetate
Concen: 2.971 ug/l
RT: 10.68 min Scan# 1573
Delta R.T. -0.20 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Tgt Ion: 43 Resp: 16346

Ion	Ratio	Lower	Upper
43	100		
70	2.1	39.0	58.6#
55	5.3	21.5	32.3#
61	12.5	22.1	33.1#



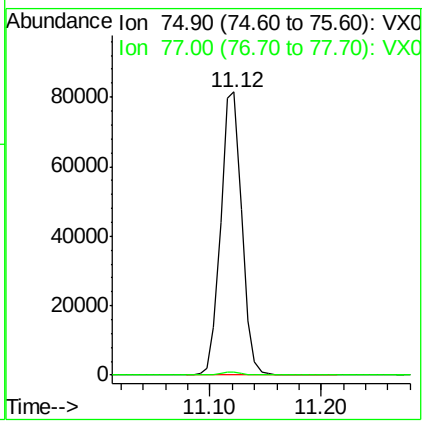


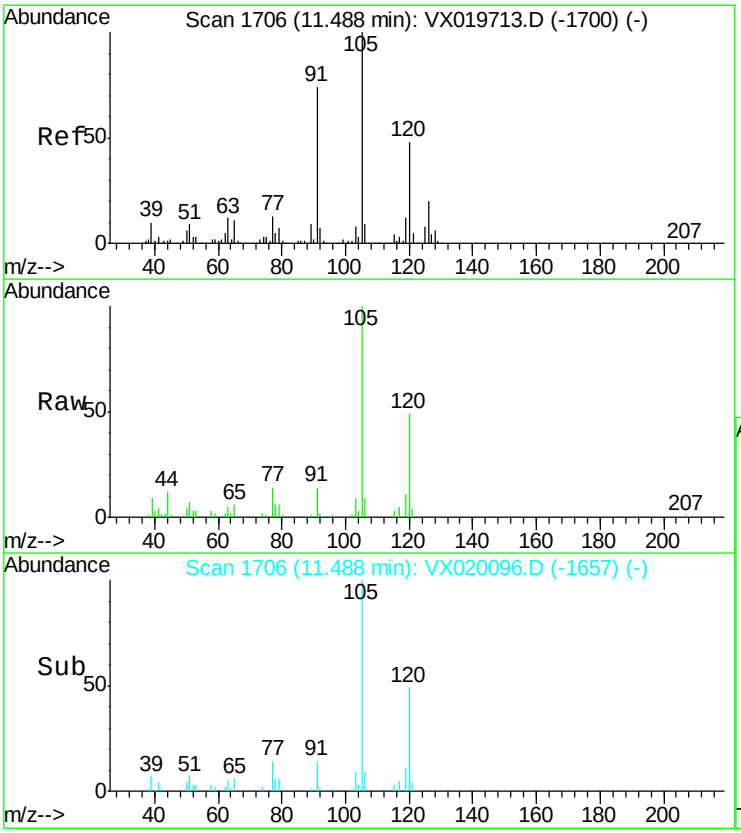
#76
1,2,3-Trichloropropane
Concen: 23.557 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
PB133632ZHE#02

Tgt Ion: 75 Resp: 106157

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#

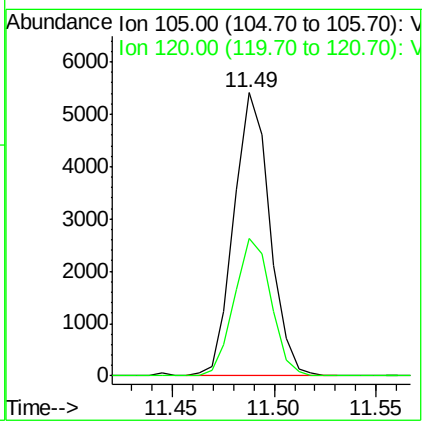


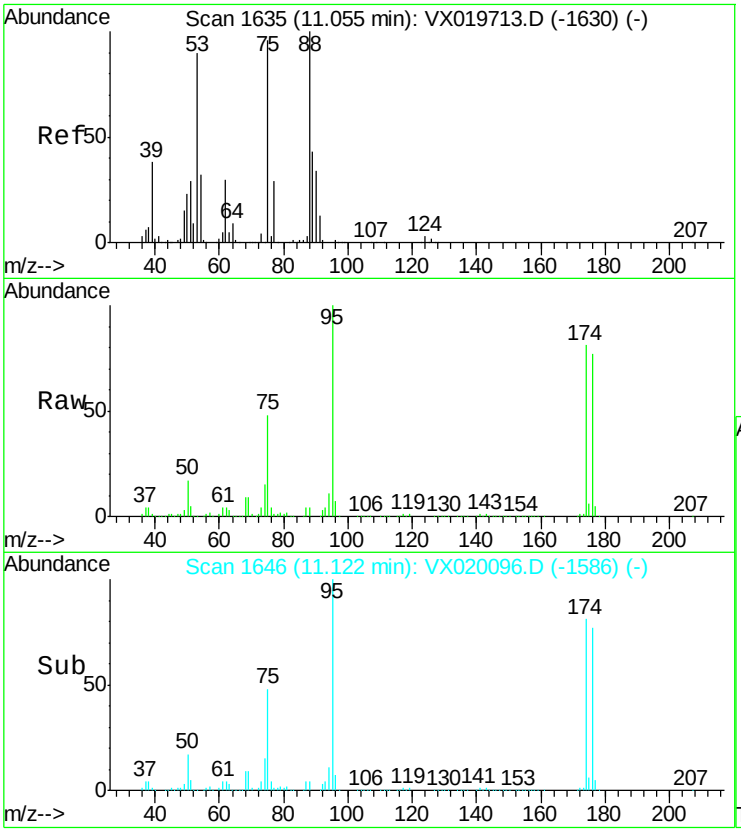


#80
1,3,5-Trimethylbenzene
Concen: 0.571 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Tgt Ion:105 Resp: 6617

Ion	Ratio	Lower	Upper
105	100		
120	49.4	23.8	71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 68.099 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX020096.D
Acq: 17 Dec 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
PB133632ZHE#02

Tgt Ion: 75 Resp: 106157

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