Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121520\
Data File : VX020024.D
Acq On : 15 Dec 2020 20:04
Operator : JC/MD
Sample : PB133610ZHE#06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB133610ZHE#06

Quant Time: Dec 16 00:29:39 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	304638	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	511673	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.09	117	481393	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203997	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	198285	49.52	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.04%				
35) Dibromofluoromethane	5.46	113	160101	48.41	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.82%				
50) Toluene-d8	8.70	98	633585	50.19	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.38%				
62) 4-Bromofluorobenzene	11.12	95	219592	45.70	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.40%				
Target Compounds							Qvalue
3) Chloromethane	1.31	50	1034	0.315	ug/l		97
5) Bromomethane	1.63	94	297	0.259	ug/l	#	70
11) Tert butyl alcohol	2.99	59	3600	1.779	ug/l	#	73
13) Acrolein	2.25	56	100	0.226	ug/l	#	79
16) Acetone	2.42	43	13489	8.963	ug/l		96
18) Methyl Acetate	2.75	43	2388	0.648	ug/l		98
20) Methylene Chloride	2.83	84	8517	1.088	ug/l		97
25) 2-Butanone	4.64	43	3691	1.596	ug/l		96
29) Tetrahydrofuran	5.10	42	697	0.468	ug/l	#	57
31) Cyclohexane	5.62	56	5843	1.173	ug/l	#	1
36) 1,1-Dichloropropene	5.62	75	23536	5.090	ug/l	#	49
38) Carbon Tetrachloride	5.63	117	29802	6.582	ug/l	#	17
43) Isopropyl Acetate	6.41	43	26405	3.479	ug/l		98
48) Methyl methacrylate	7.65	41	6958	1.864	ug/l	#	10
49) 1,4-Dioxane	7.71	88	19	0.210	ug/l	#	24
51) 4-Methyl-2-Pentanone	8.59	43	94655	20.427	ug/l	#	46
54) cis-1,3-Dichloropropene	8.59	75	49756	8.725	ug/l	#	60
57) 1,3-Dichloropropane	9.52	76	31626	5.203	ug/l	#	43
59) 2-Hexanone	9.52	43	379310	105.604	ug/l	#	46
74) N-amyl acetate	10.68	43	17434	3.121	ug/l	#	49
76) 1,2,3-Trichloropropane	11.12	75	105938	23.154	ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.49	105	6679	0.568	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.12	75	105938	66.935	ug/l	#	12

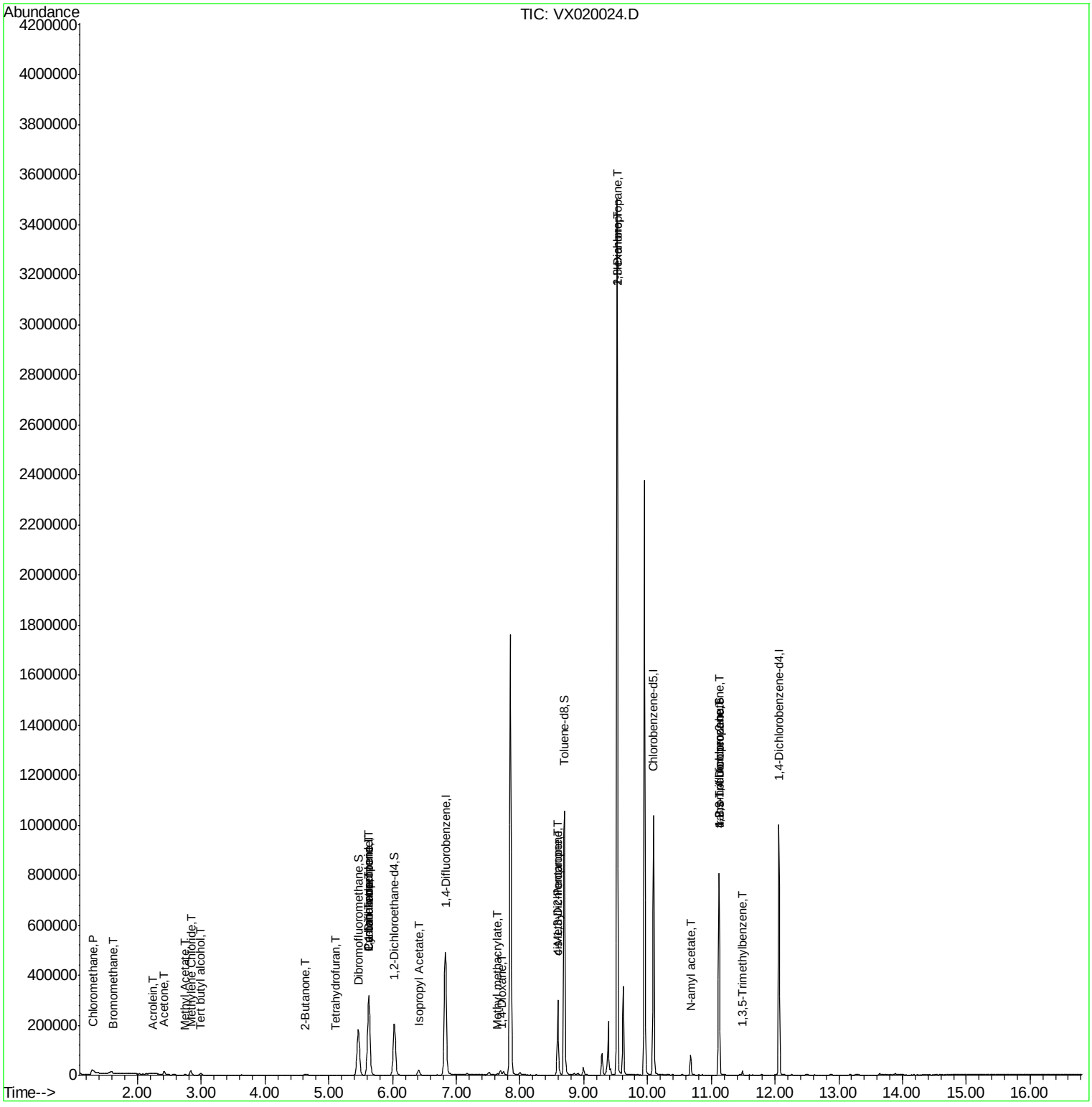
(#) = qualifier out of range (m) = manual integration (+) = signals summed

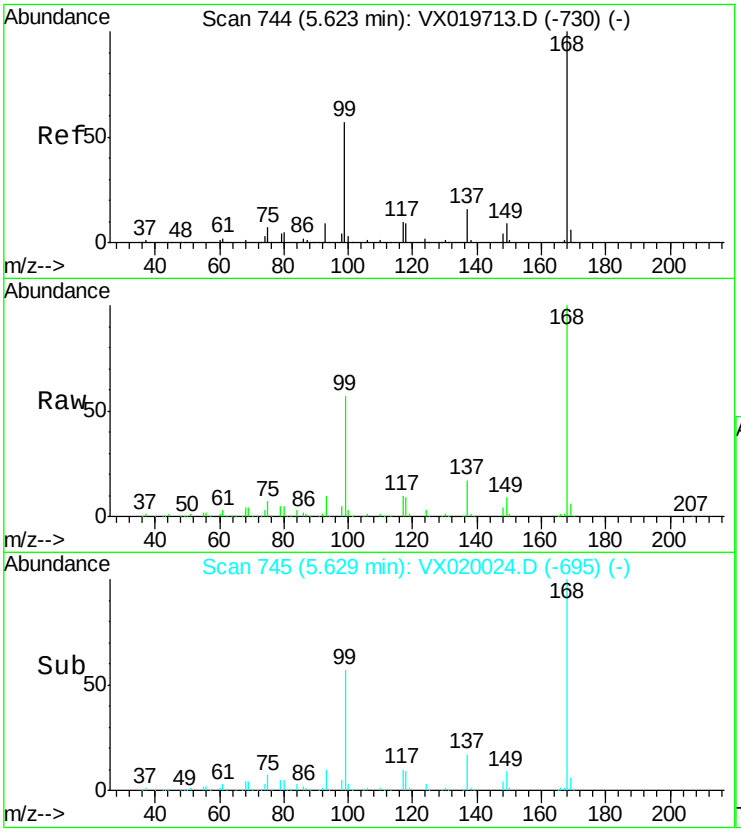
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121520\
Data File : VX020024.D
Acq On : 15 Dec 2020 20:04
Operator : JC/MD
Sample : PB133610ZHE#06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#06

Quant Time: Dec 16 00:29:39 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



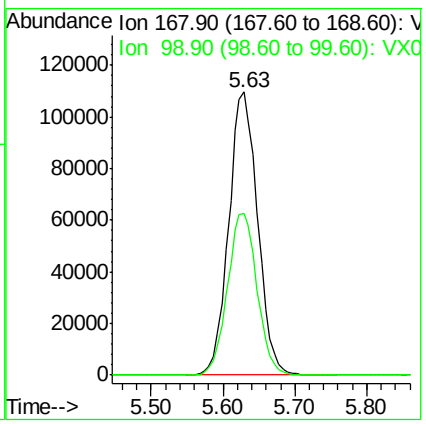


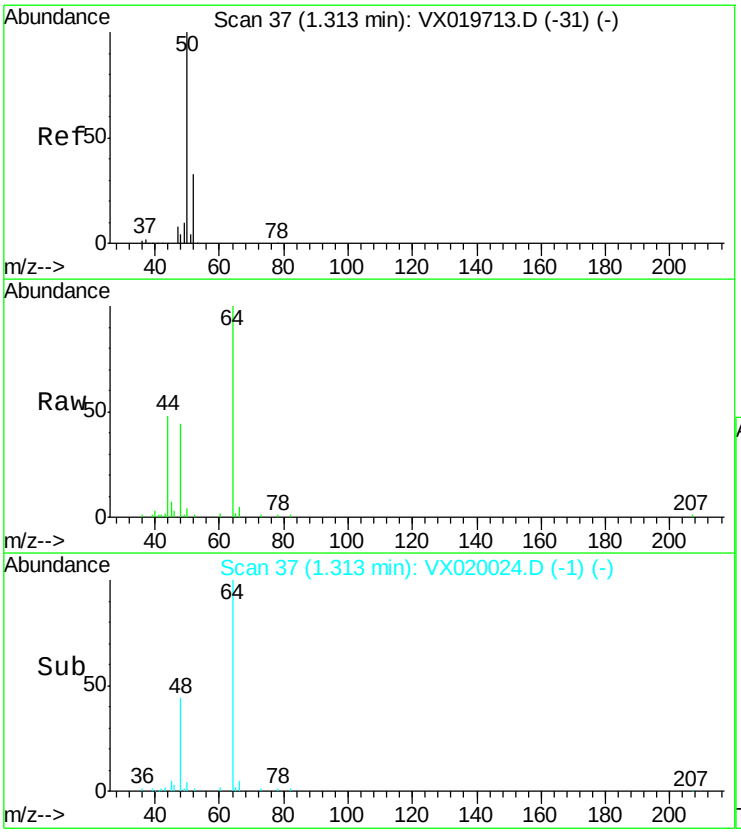
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#06

Tgt Ion:168 Resp: 304638

Ion	Ratio	Lower	Upper
168	100		
99	57.3	45.8	68.6

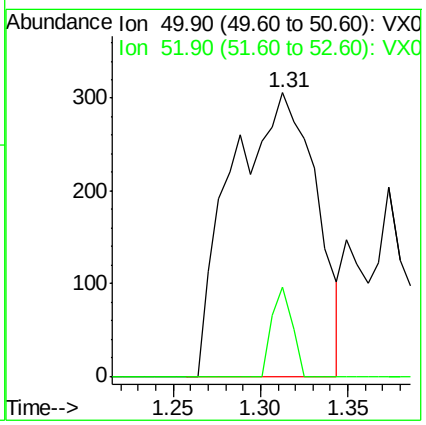


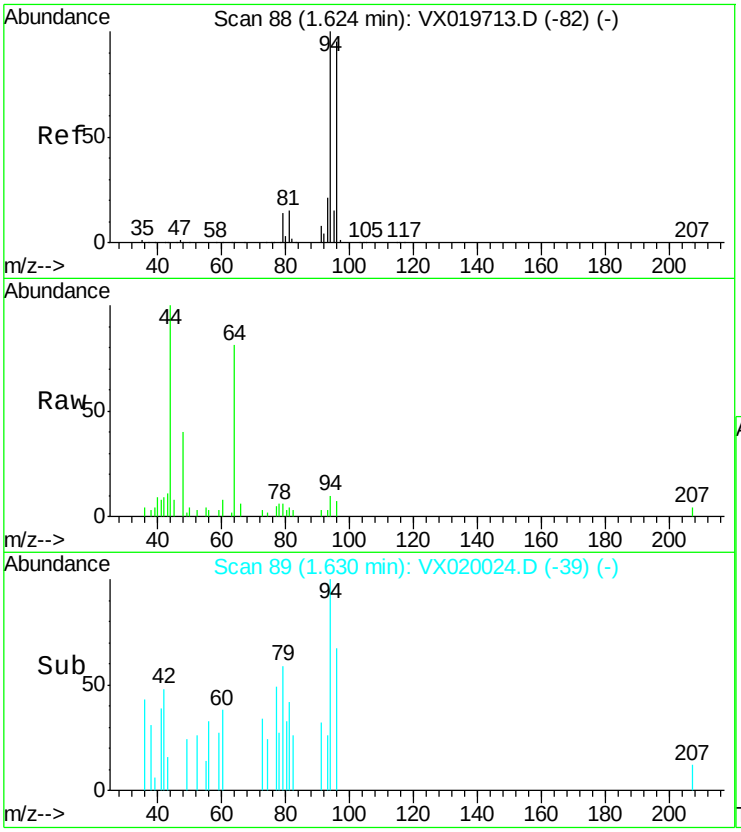


#3
Chloromethane
Concen: 0.315 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Tgt Ion: 50 Resp: 1034

Ion	Ratio	Lower	Upper
50	100		
52	31.4	26.4	39.6



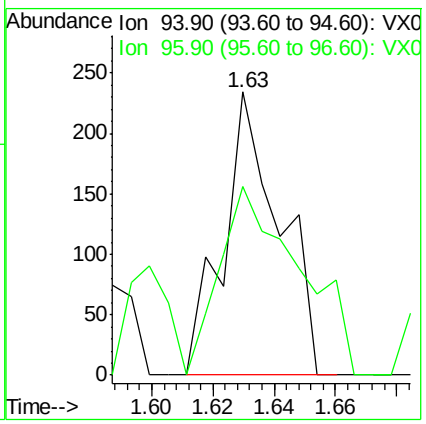


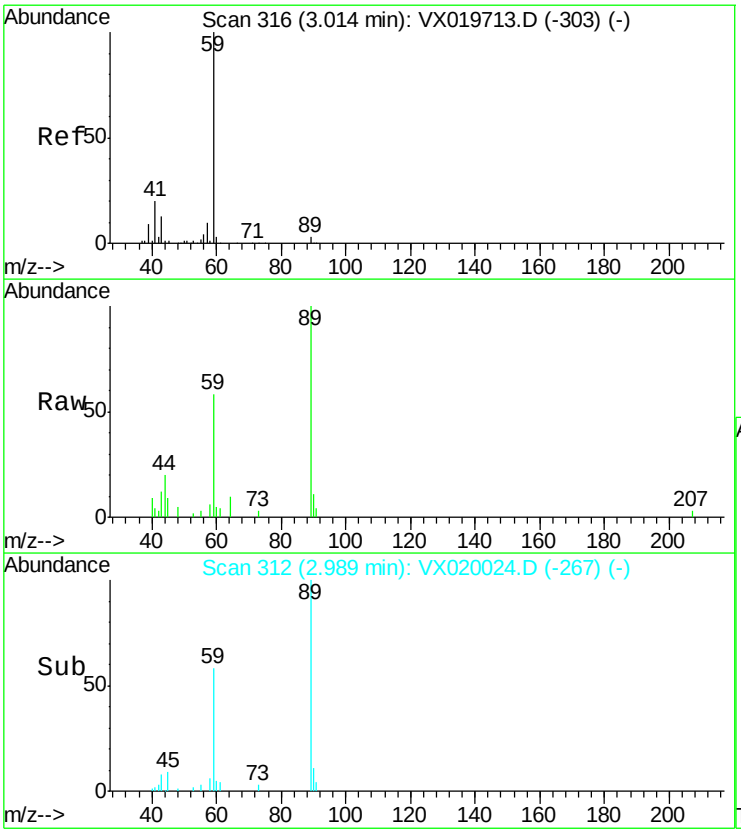
#5
Bromomethane
Concen: 0.259 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#06

Tgt Ion: 94 Resp: 297

Ion	Ratio	Lower	Upper
94	100		
96	66.7	76.4	114.6#

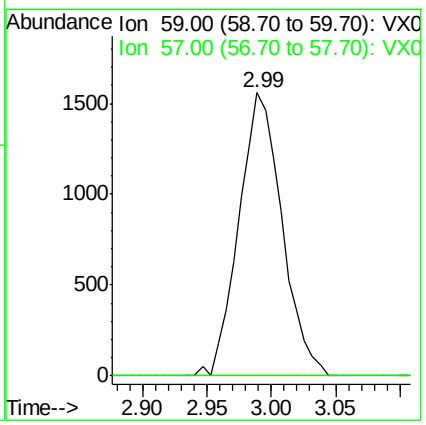


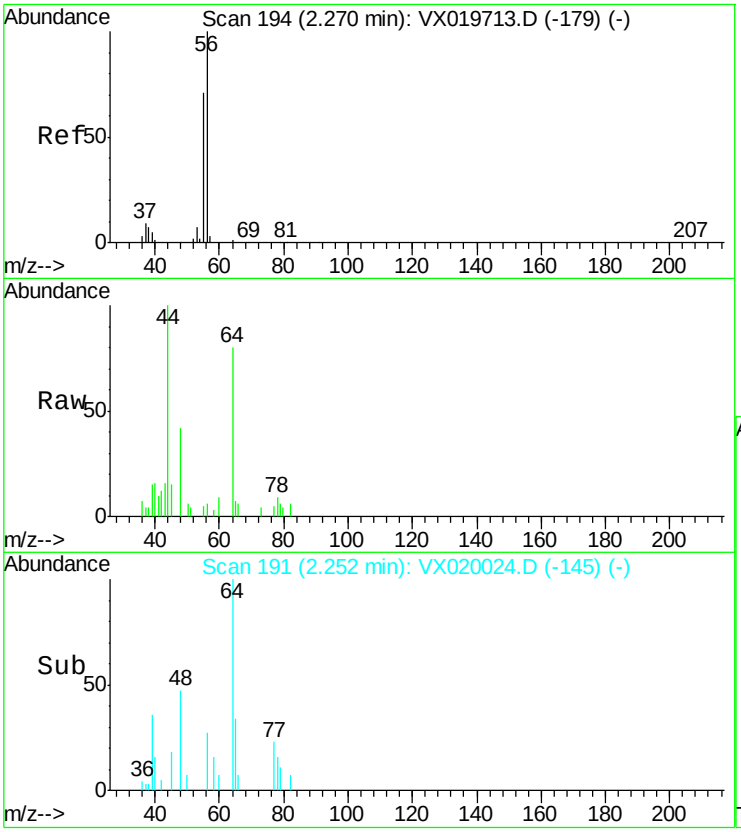


#11
Tert butyl alcohol
Concen: 1.779 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Tgt Ion: 59 Resp: 3600

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



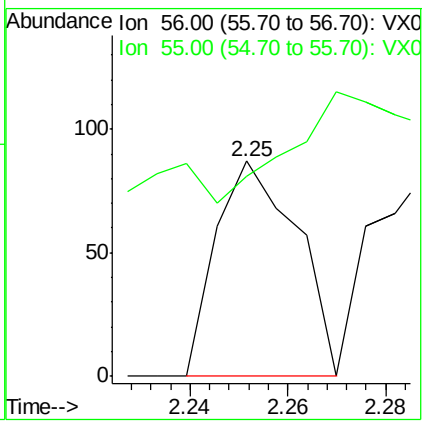


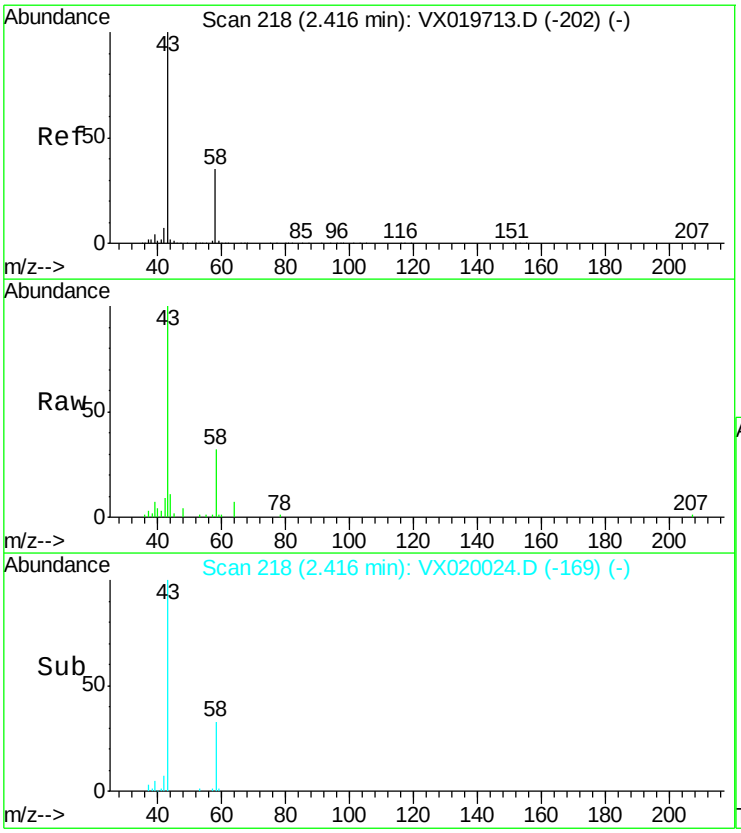
#13
Acrolein
Concen: 0.226 ug/l
RT: 2.25 min Scan# 191
Delta R.T. -0.02 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#06

Tgt Ion: 56 Resp: 100

Ion	Ratio	Lower	Upper
56	100		
55	88.0	56.4	84.6#

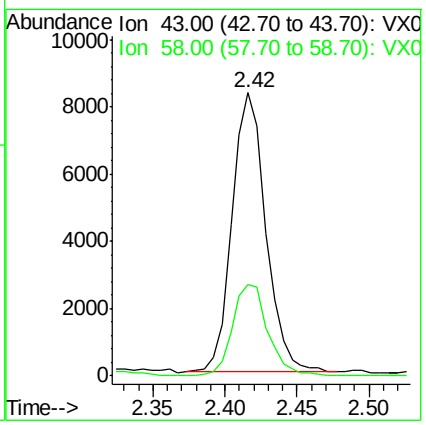


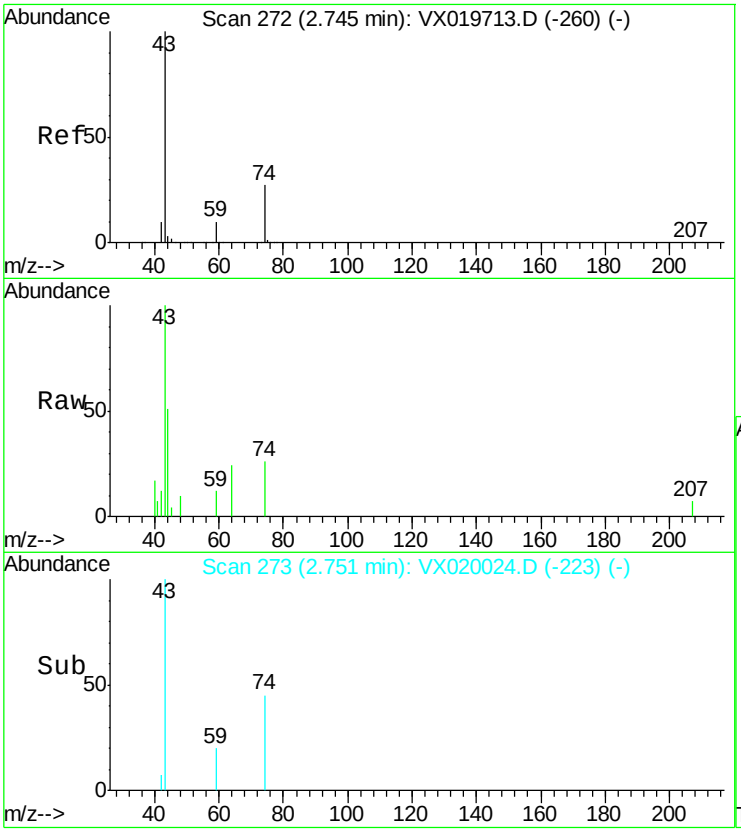


#16
Acetone
Concen: 8.963 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Tgt Ion: 43 Resp: 13489

Ion	Ratio	Lower	Upper
43	100		
58	32.6	27.8	41.8



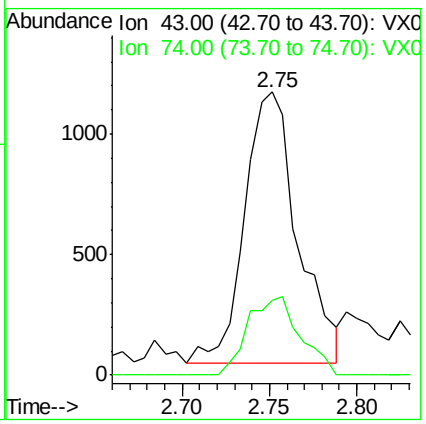


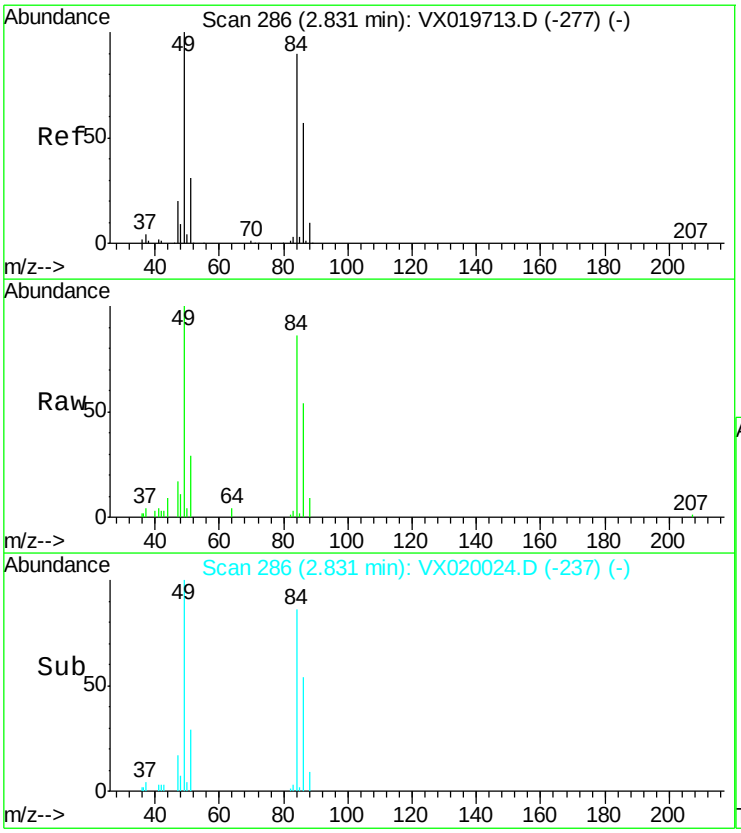
#18
Methyl Acetate
Concen: 0.648 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Instrument : MSVOA_X
ClientSampleId : PB133610ZHE#06

Tgt Ion: 43 Resp: 2388

Ion	Ratio	Lower	Upper
43	100		
74	28.5	21.9	32.9

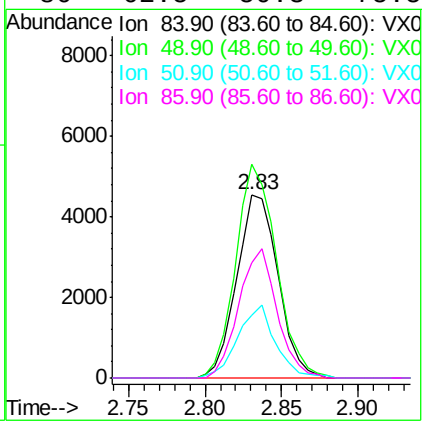


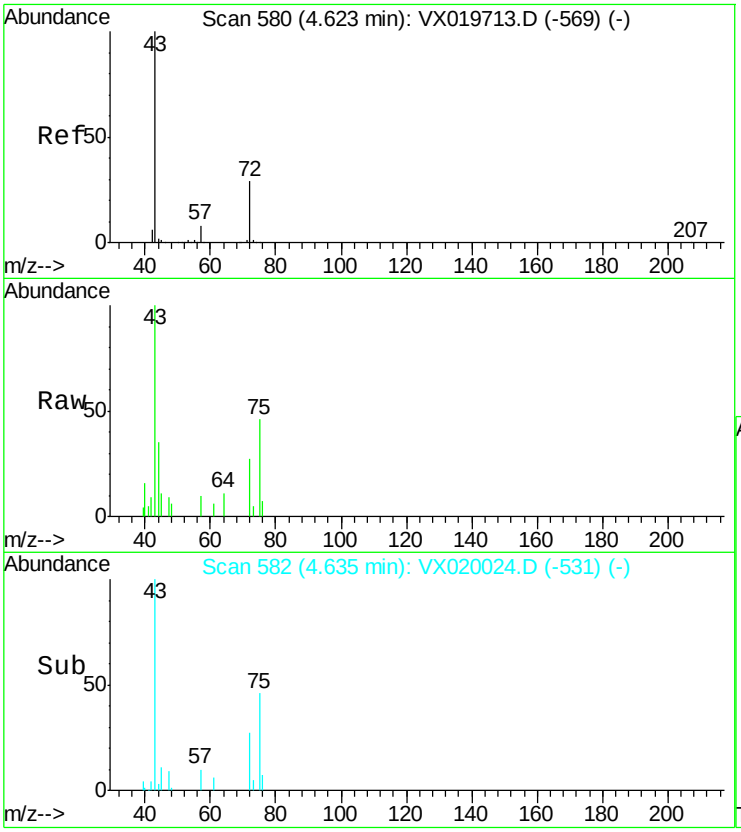


#20
Methylene Chloride
Concen: 1.088 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Tgt Ion: 84 Resp: 8517

Ion	Ratio	Lower	Upper
84	100		
49	116.3	88.6	132.8
51	33.9	27.0	40.6
86	62.5	50.3	75.5



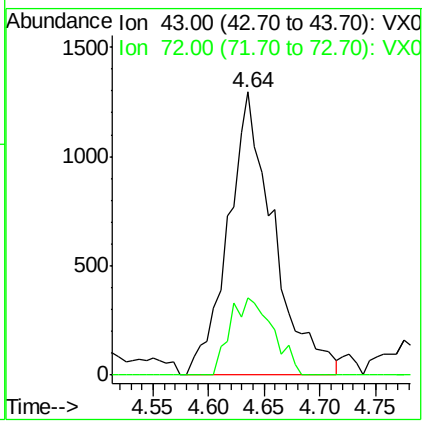


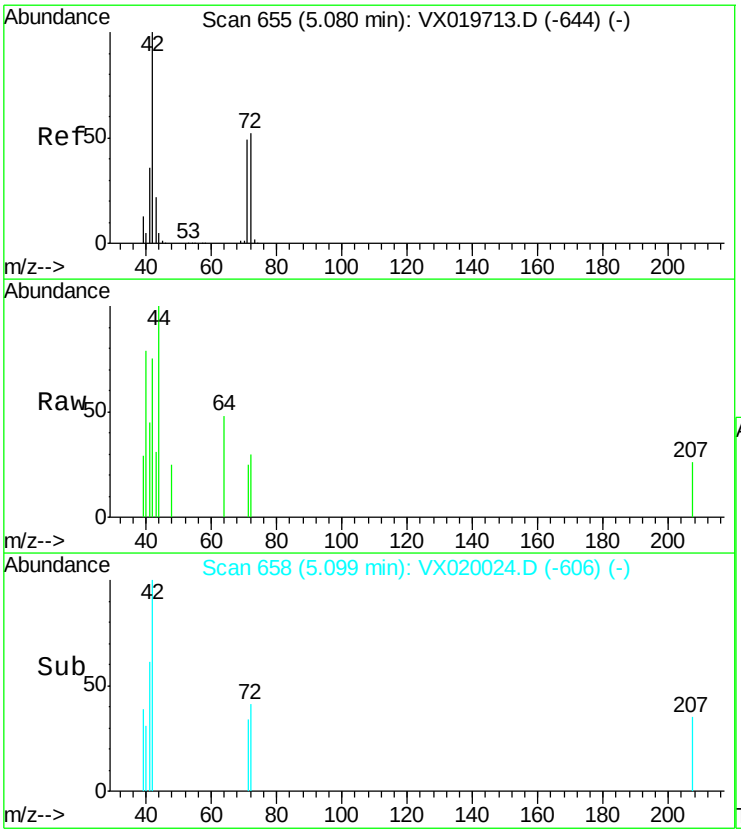
#25
2-Butanone
Concen: 1.596 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#06

Tgt Ion: 43 Resp: 3691

Ion	Ratio	Lower	Upper
43	100		
72	27.5	23.7	35.5

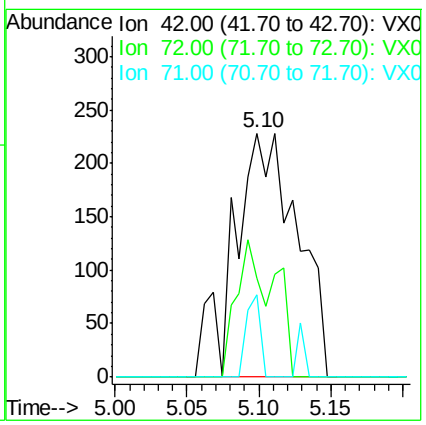


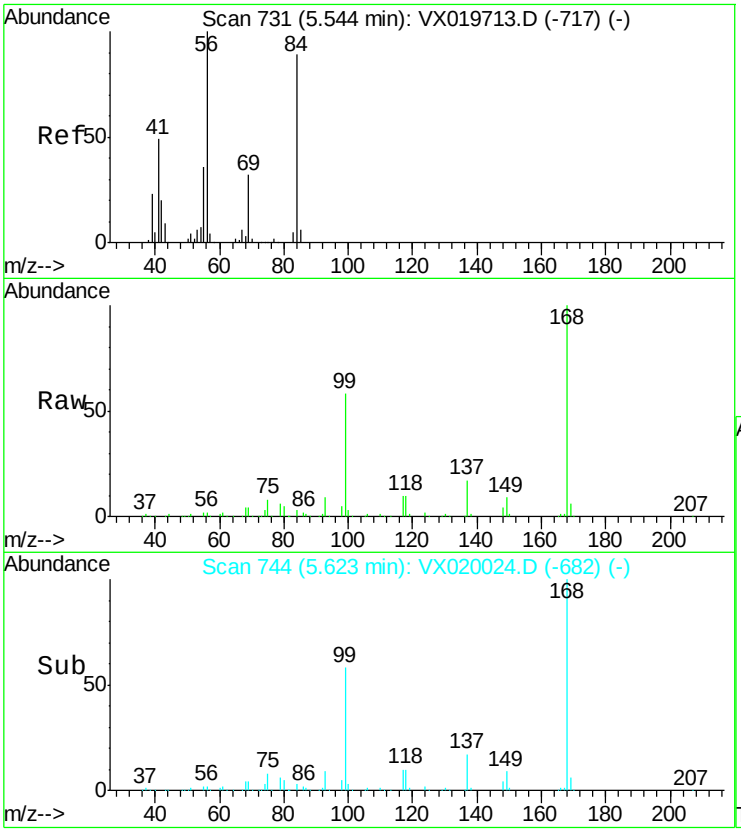


#29
Tetrahydrofuran
Concen: 0.468 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.02 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Tgt Ion: 42 Resp: 697

Ion	Ratio	Lower	Upper
42	100		
72	33.1	41.7	62.5#
71	7.3	38.4	57.6#



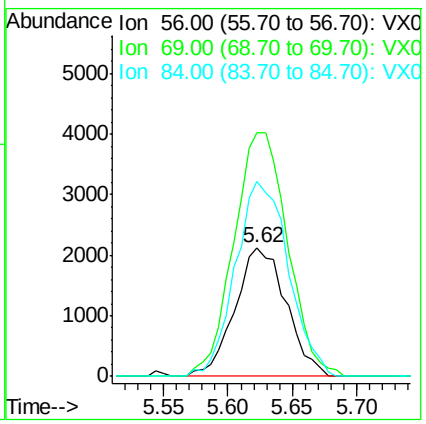


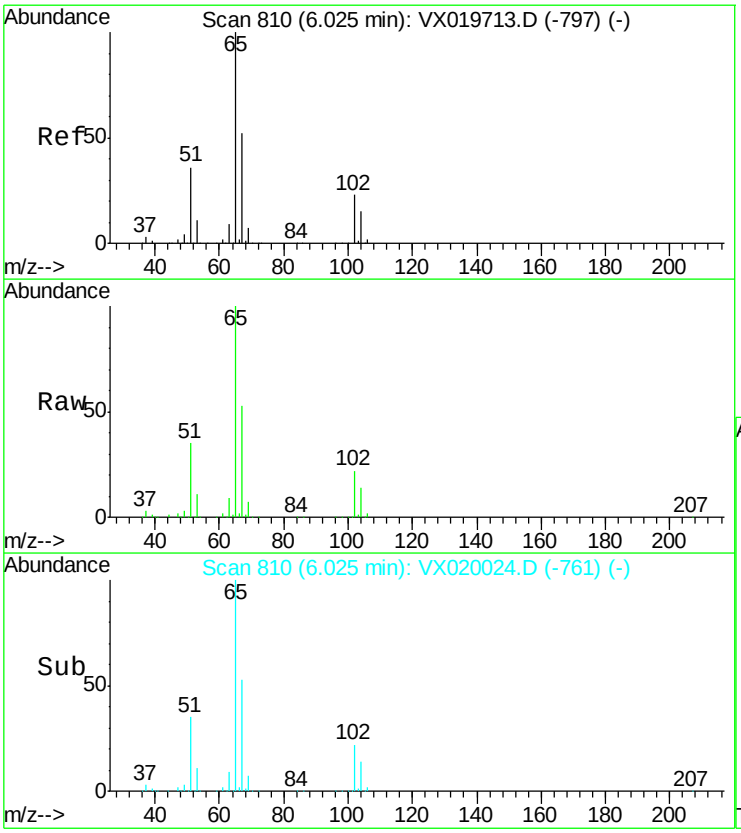
#31
Cyclohexane
Concen: 1.173 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#06

Tgt Ion: 56 Resp: 5843

Ion	Ratio	Lower	Upper
56	100		
69	189.3	25.3	37.9#
84	151.2	71.4	107.0#

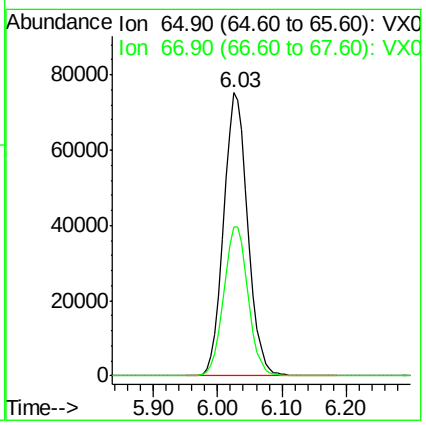


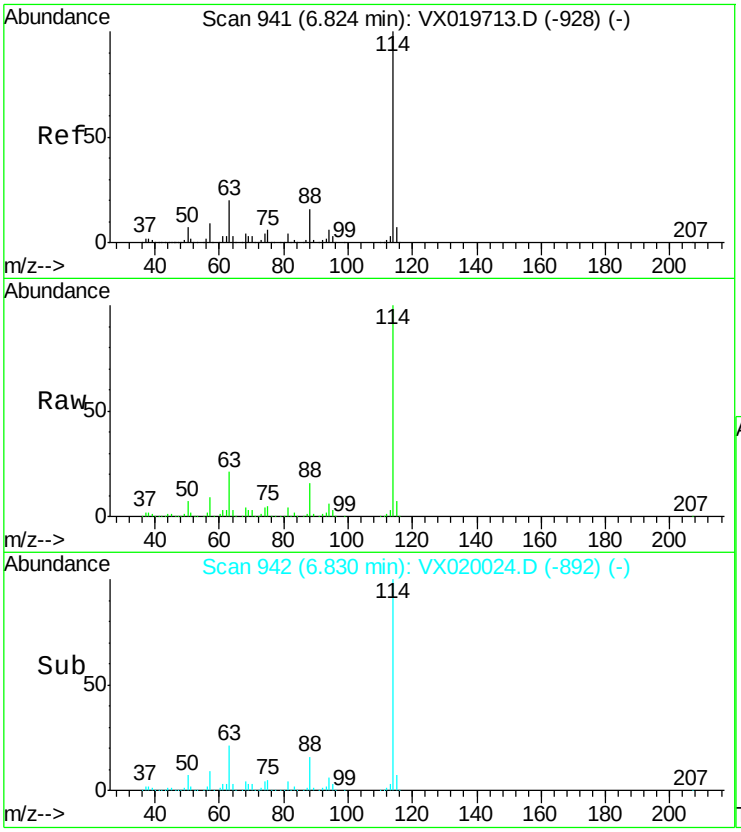


#33
1,2-Dichloroethane-d4
Concen: 49.524 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Tgt Ion: 65 Resp: 198285

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.4



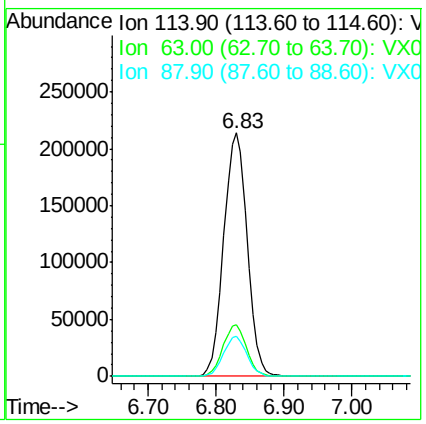


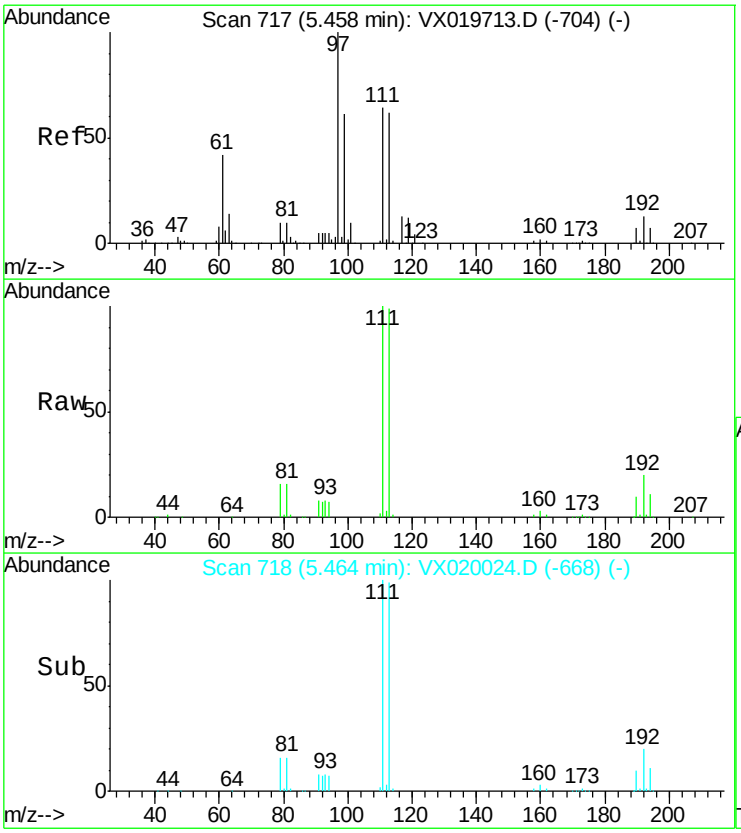
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#06

Tgt Ion:114 Resp: 511673

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.8
88	16.4	0.0	32.8

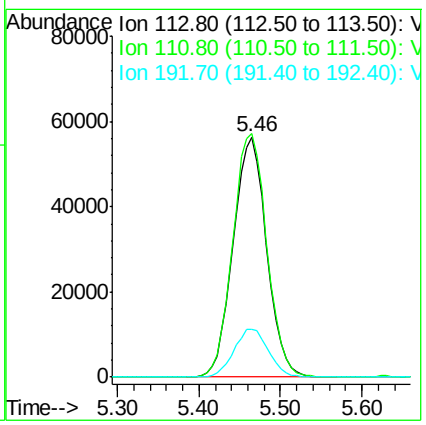


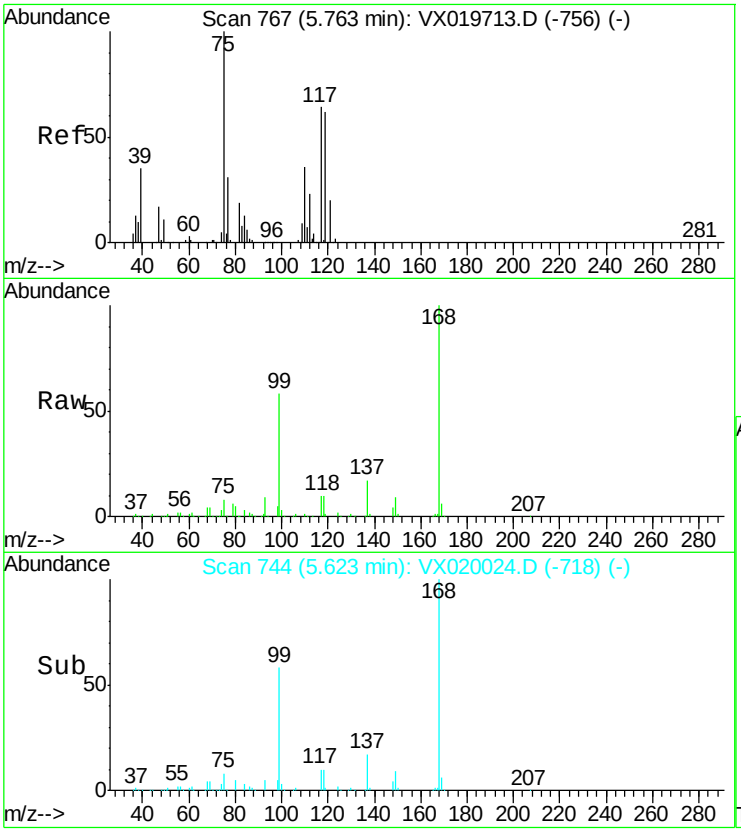


#35
Dibromofluoromethane
Concen: 48.415 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Tgt Ion:113 Resp: 160101

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	20.7	16.7	25.1



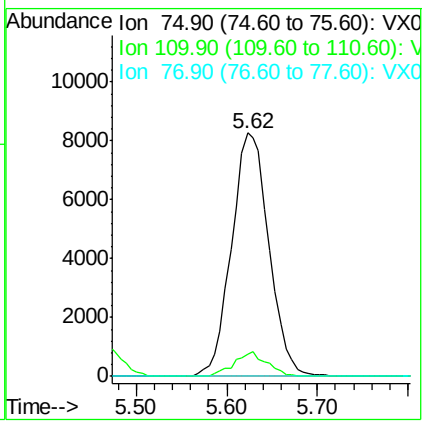


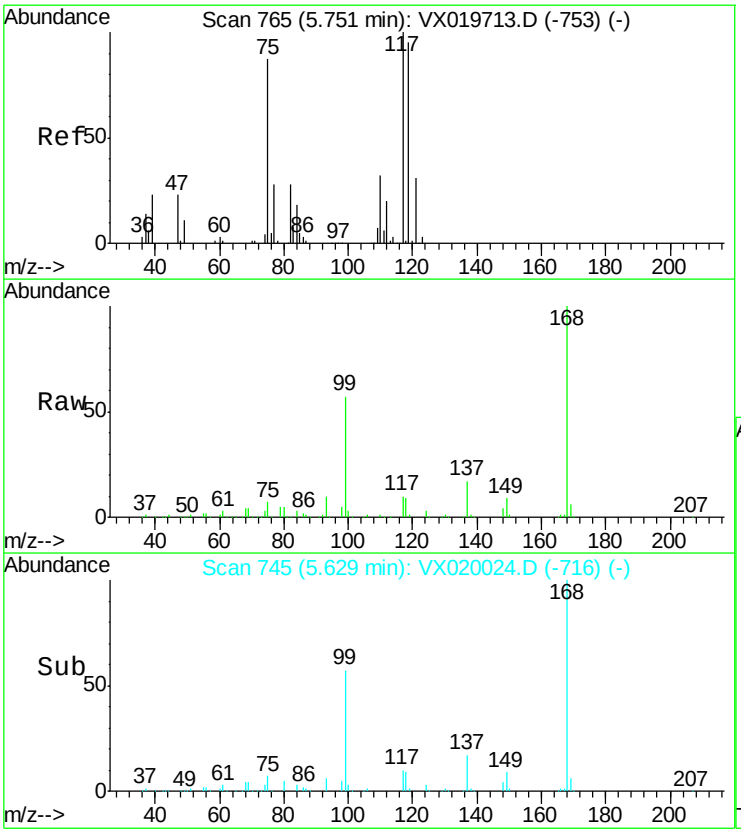
#36
1,1-Dichloropropene
Concen: 5.090 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Instrument : MSVOA_X
ClientSampleId : PB133610ZHE#06

Tgt Ion: 75 Resp: 23536

Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.4#
77	0.0	25.3	37.9#

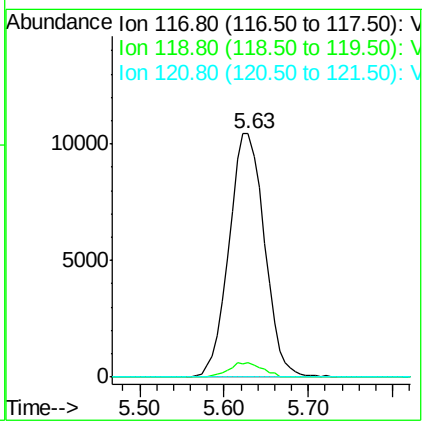


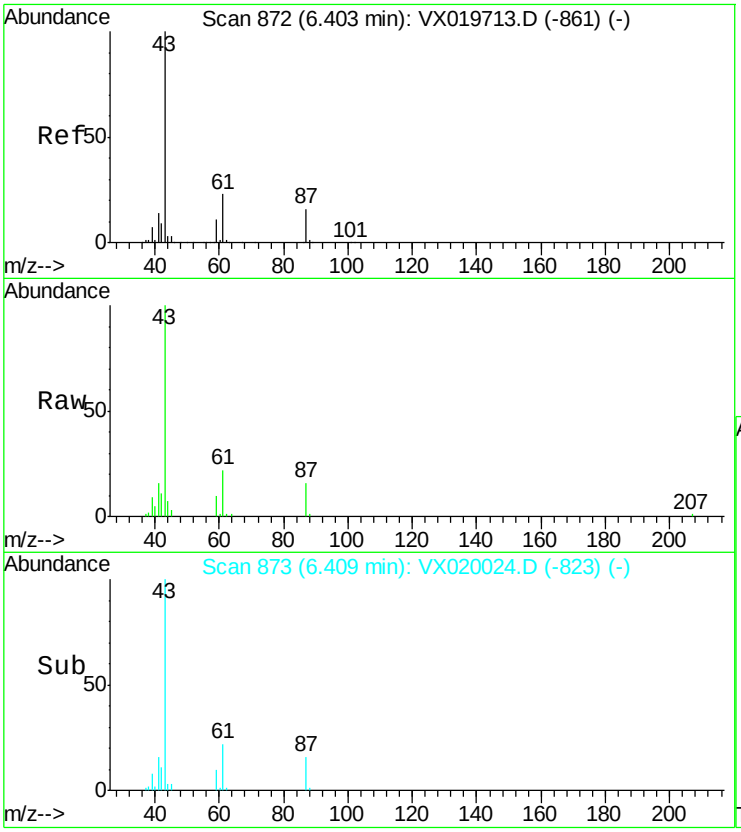


#38
Carbon Tetrachloride
Concen: 6.582 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Tgt Ion:117 Resp: 29802

Ion	Ratio	Lower	Upper
117	100		
119	6.1	76.2	114.2#
121	0.0	24.8	37.2#



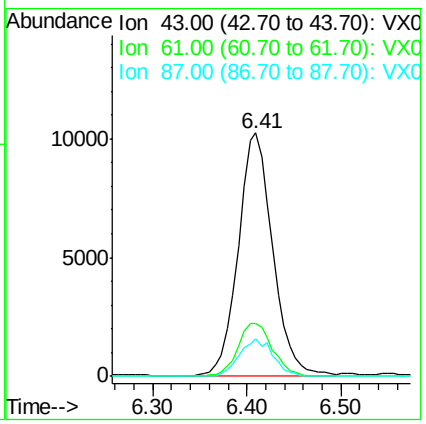


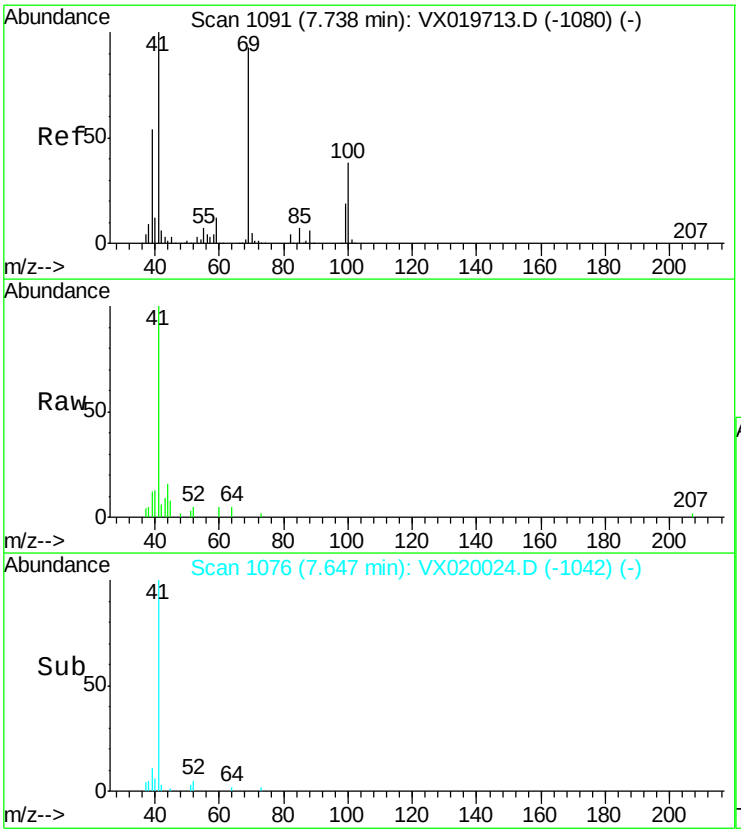
#43
Isopropyl Acetate
Concen: 3.479 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#06

Tgt Ion: 43 Resp: 26405

Ion	Ratio	Lower	Upper
43	100		
61	21.9	18.2	27.4
87	14.8	12.5	18.7

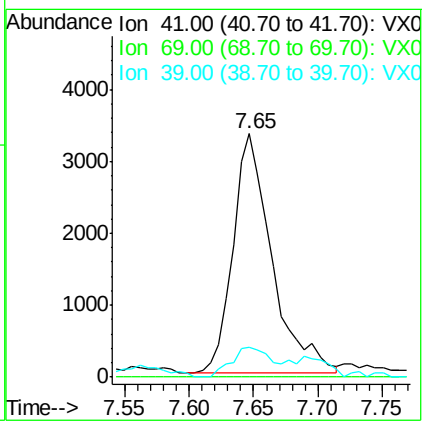


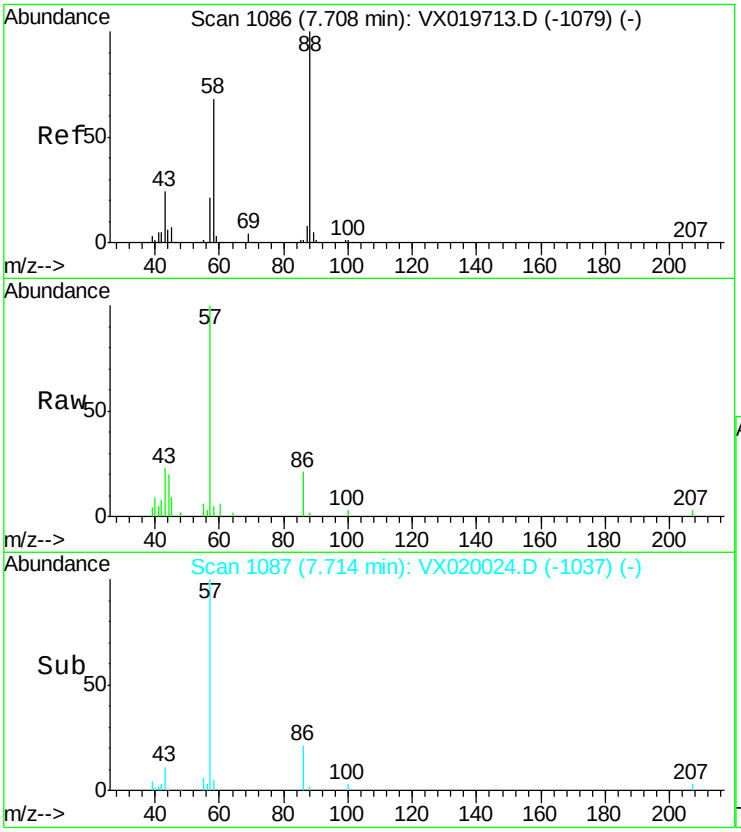


#48
Methyl methacrylate
Concen: 1.864 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.09 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Tgt Ion: 41 Resp: 6958

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



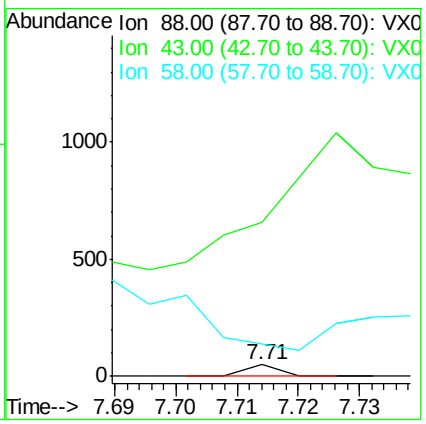


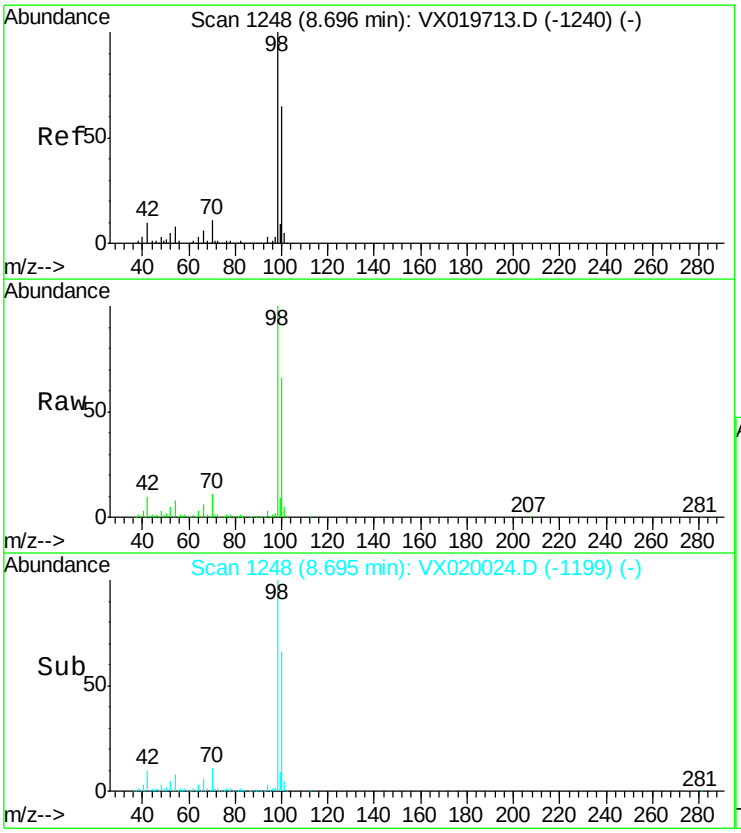
#49
1,4-Dioxane
Concen: 0.210 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#06

Tgt Ion: 88 Resp: 19

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

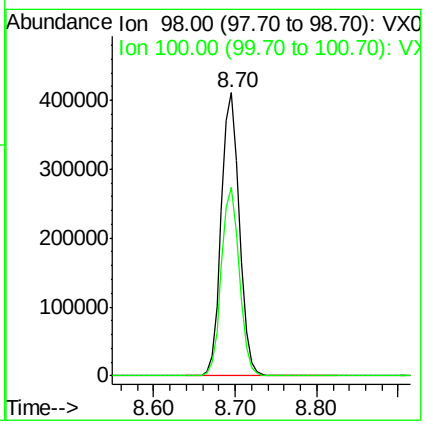


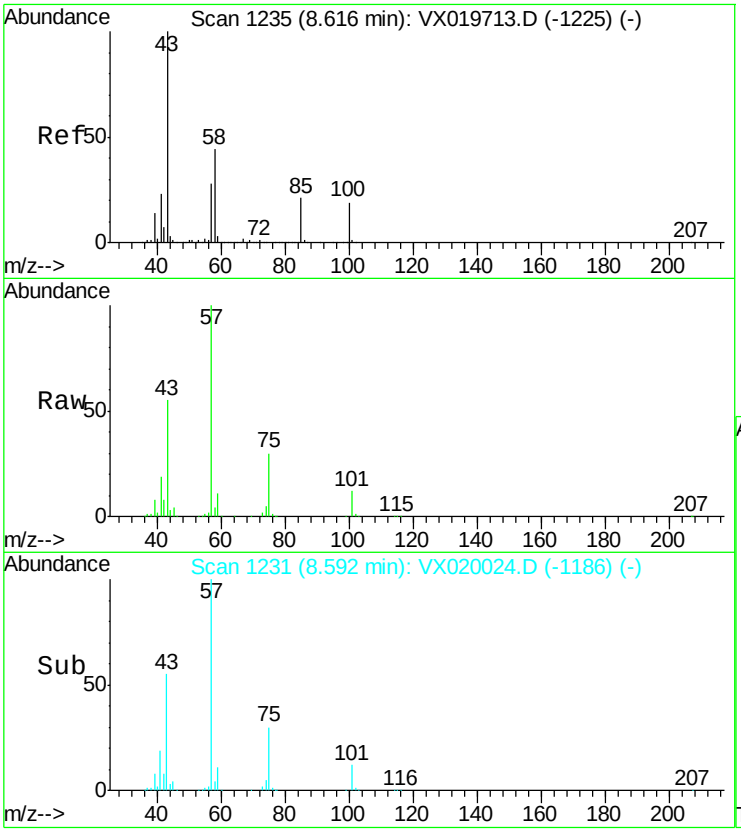


#50
Toluene-d8
Concen: 50.186 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Tgt Ion: 98 Resp: 633585

Ion	Ratio	Lower	Upper
98	100		
100	65.9	51.9	77.9



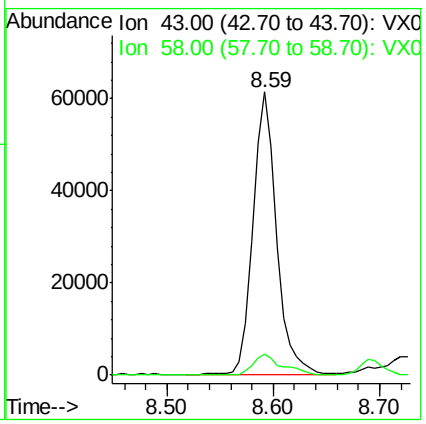


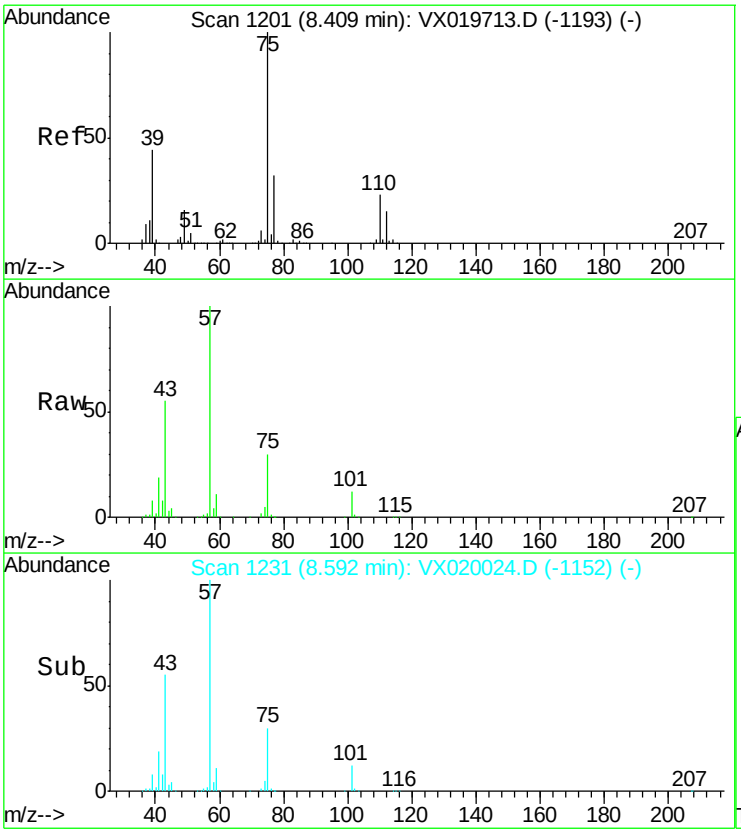
#51
4-Methyl-2-Pentanone
Concen: 20.427 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#06

Tgt Ion: 43 Resp: 94655

Ion	Ratio	Lower	Upper
43	100		
58	9.3	35.4	53.0#

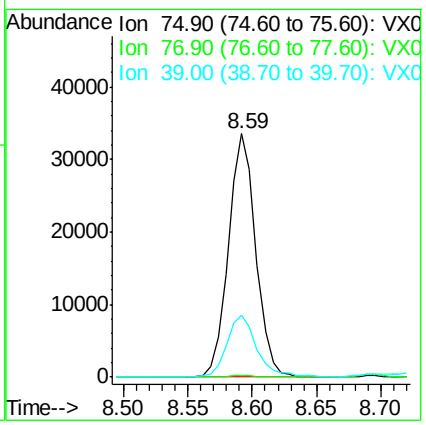


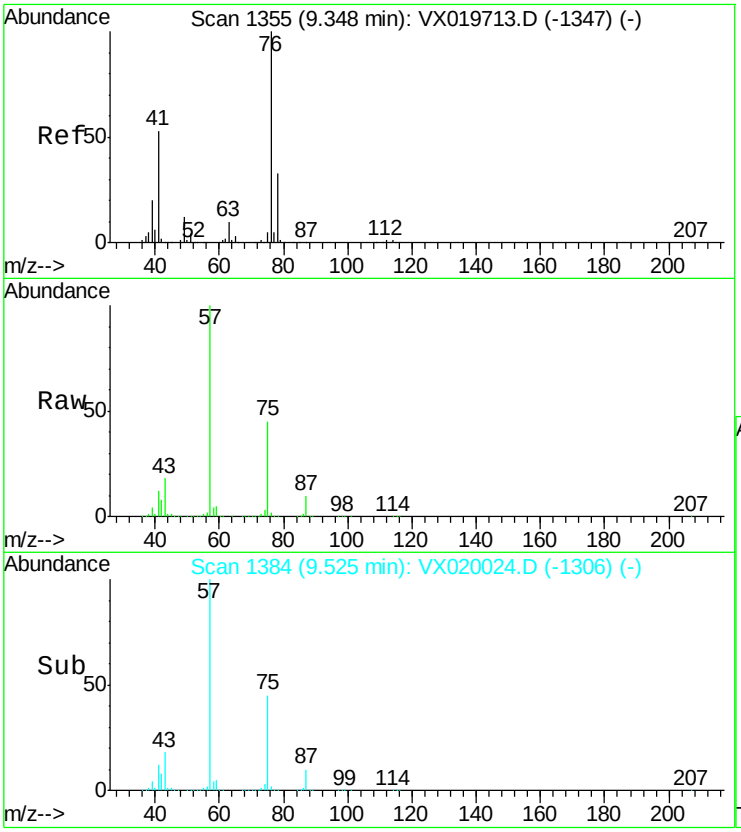


#54
cis-1,3-Dichloropropene
Concen: 8.725 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Tgt Ion: 75 Resp: 49756

Ion	Ratio	Lower	Upper
75	100		
77	0.9	25.7	38.5#
39	25.4	35.1	52.7#



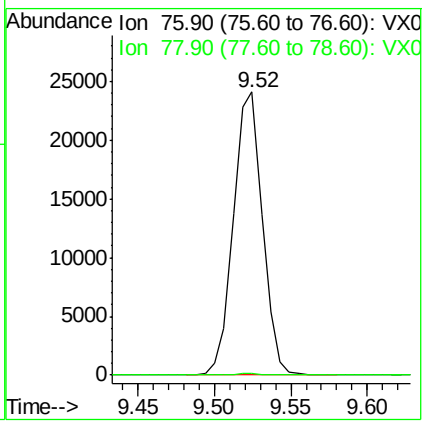


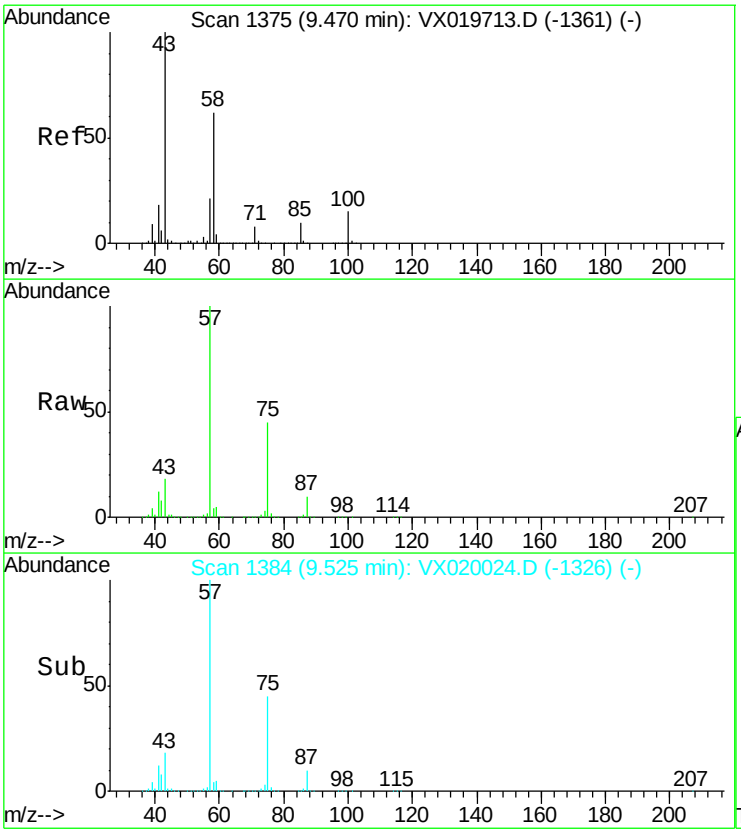
#57
1,3-Dichloropropane
Concen: 5.203 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.18 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#06

Tgt Ion: 76 Resp: 31626

Ion	Ratio	Lower	Upper
76	100		
78	0.6	26.2	39.2#

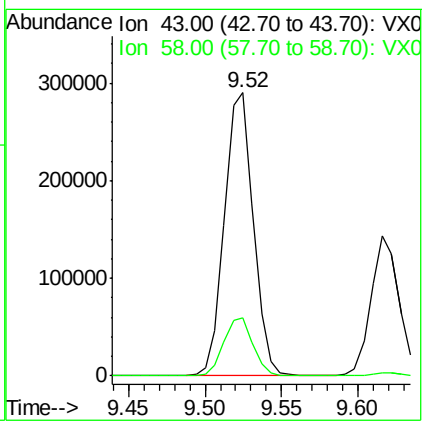


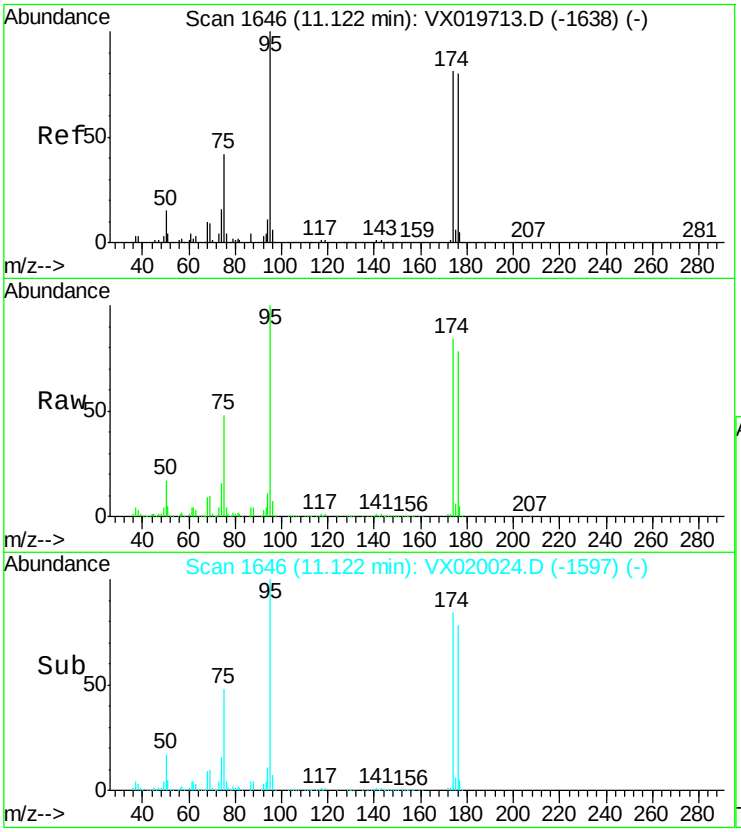


#59
2-Hexanone
Concen: 105.604 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Tgt Ion: 43 Resp: 379310

Ion	Ratio	Lower	Upper
43	100		
58	20.6	30.9	92.8#



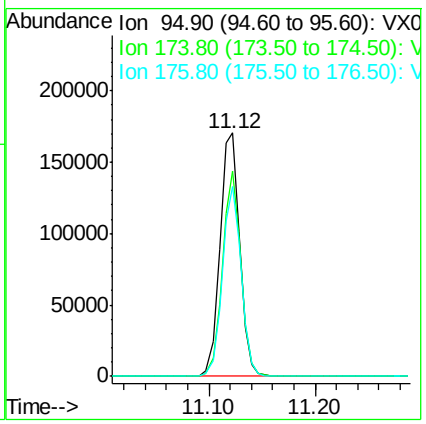


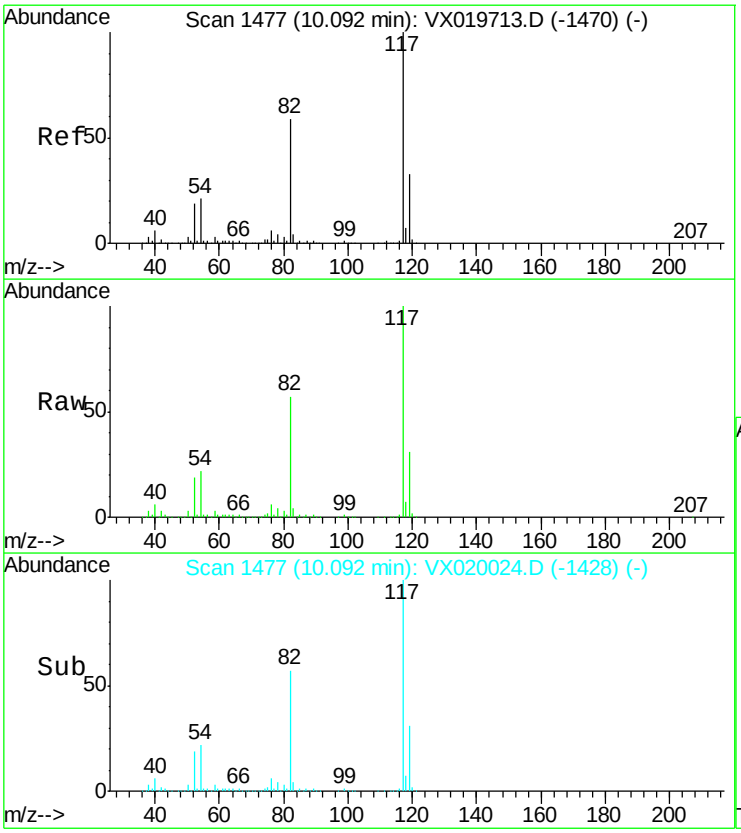
#62
4-Bromofluorobenzene
Concen: 45.699 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#06

Tgt Ion: 95 Resp: 219592

Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	154.6
176	74.5	0.0	155.8

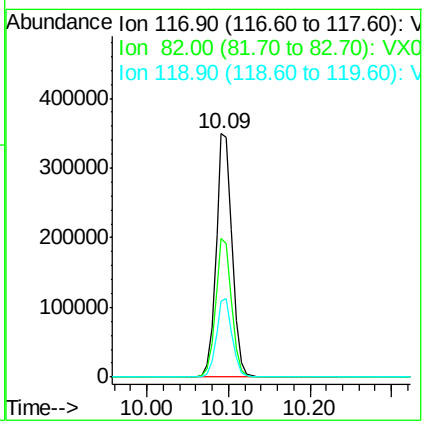


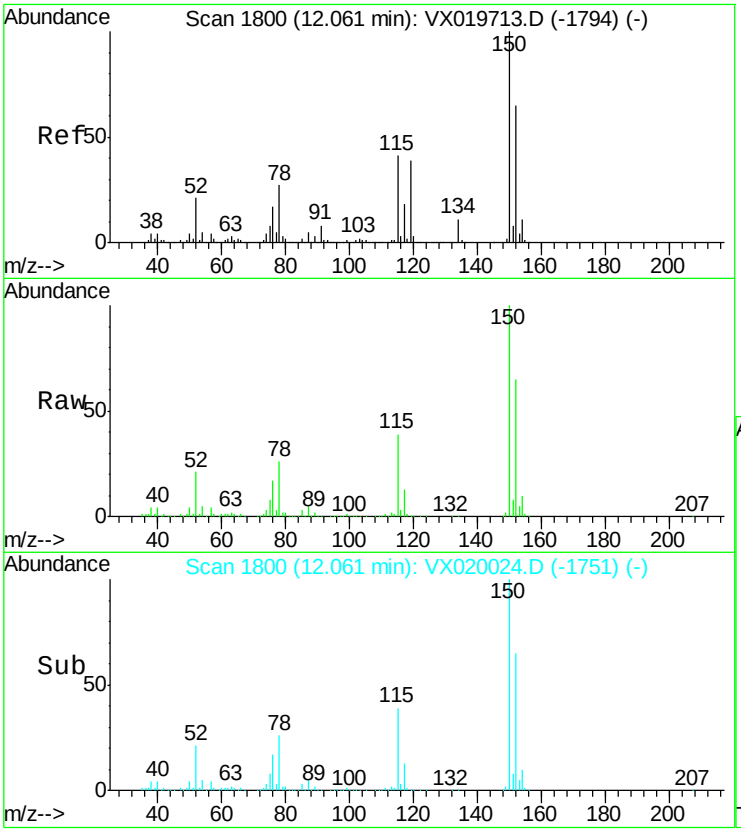


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Tgt Ion:117 Resp: 481393

Ion	Ratio	Lower	Upper
117	100		
82	56.7	47.4	71.2
119	31.2	26.6	39.8



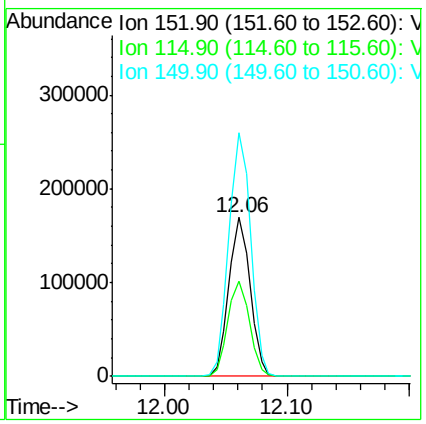


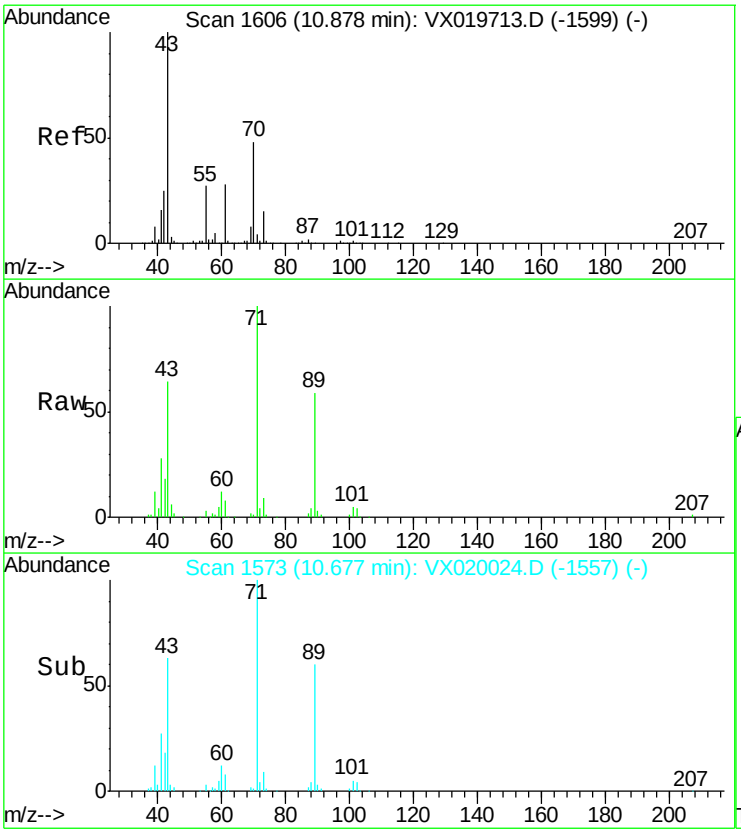
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Instrument : MSVOA_X
ClientSampleId : PB133610ZHE#06

Tgt Ion:152 Resp: 203997

Ion	Ratio	Lower	Upper
152	100		
115	60.7	41.1	123.3
150	157.3	0.0	349.0

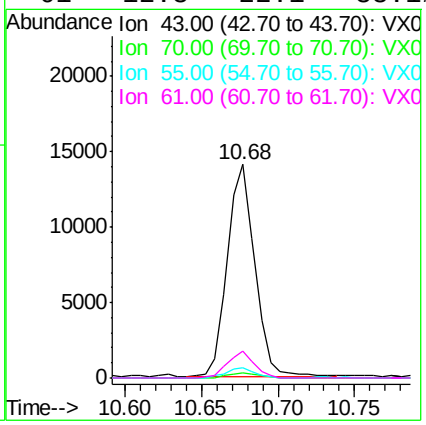


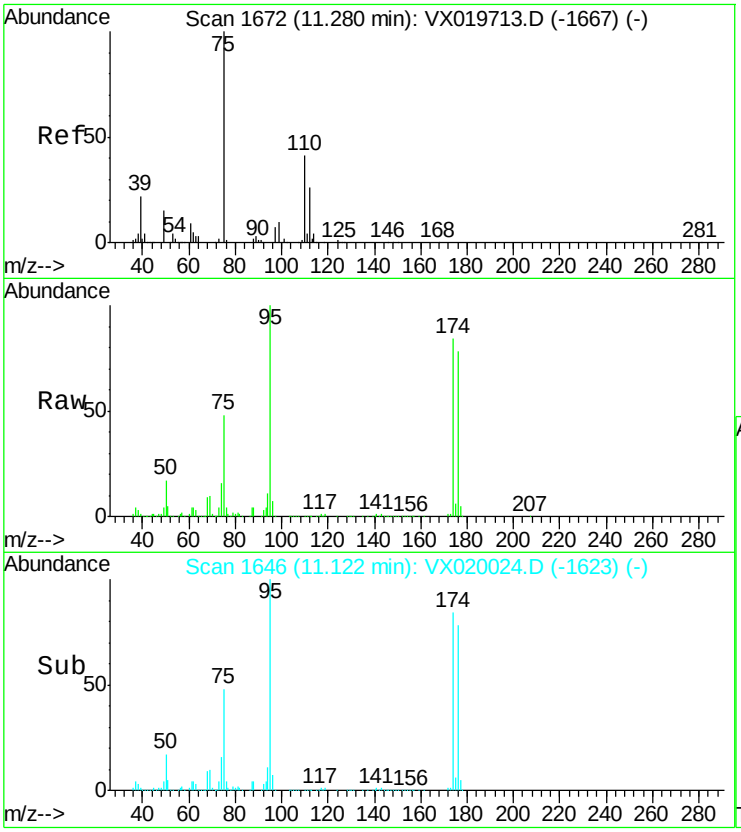


#74
N-amyl acetate
Concen: 3.121 ug/l
RT: 10.68 min Scan# 1573
Delta R.T. -0.20 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Tgt Ion: 43 Resp: 17434

Ion	Ratio	Lower	Upper
43	100		
70	2.5	39.0	58.6#
55	4.9	21.5	32.3#
61	12.3	22.1	33.1#



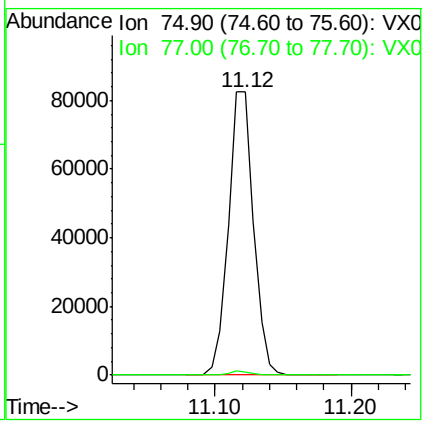


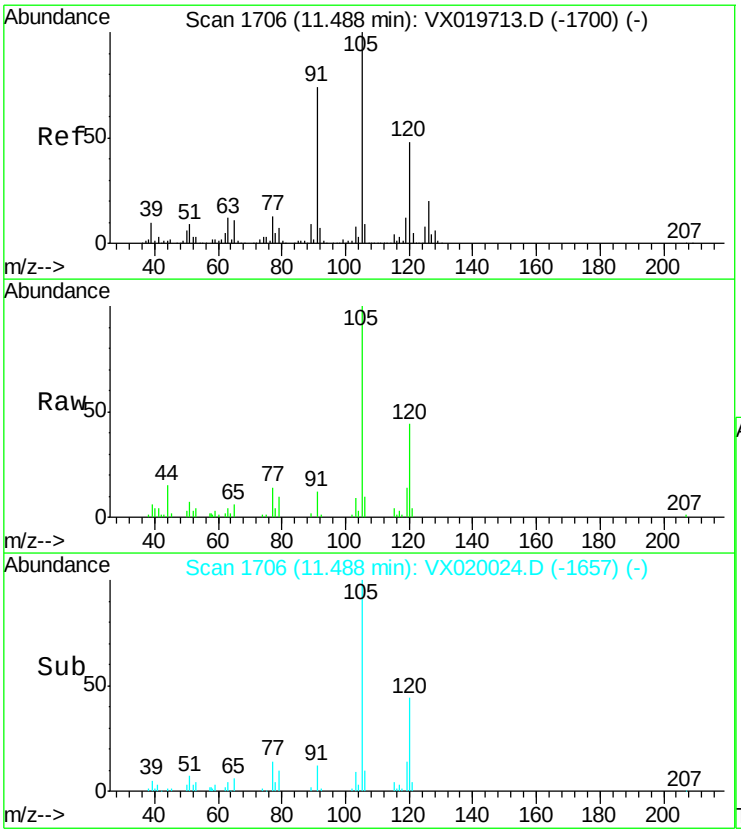
#76
1,2,3-Trichloropropane
Concen: 23.154 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Instrument : MSVOA_X
ClientSampleId : PB133610ZHE#06

Tgt Ion: 75 Resp: 105938

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#

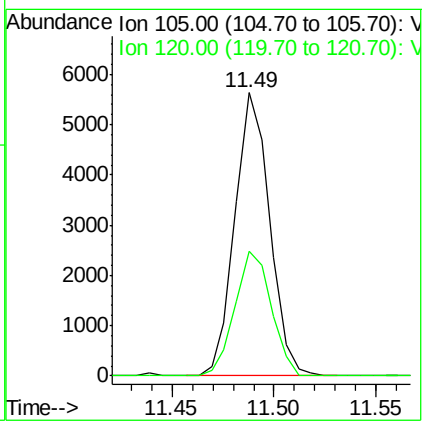


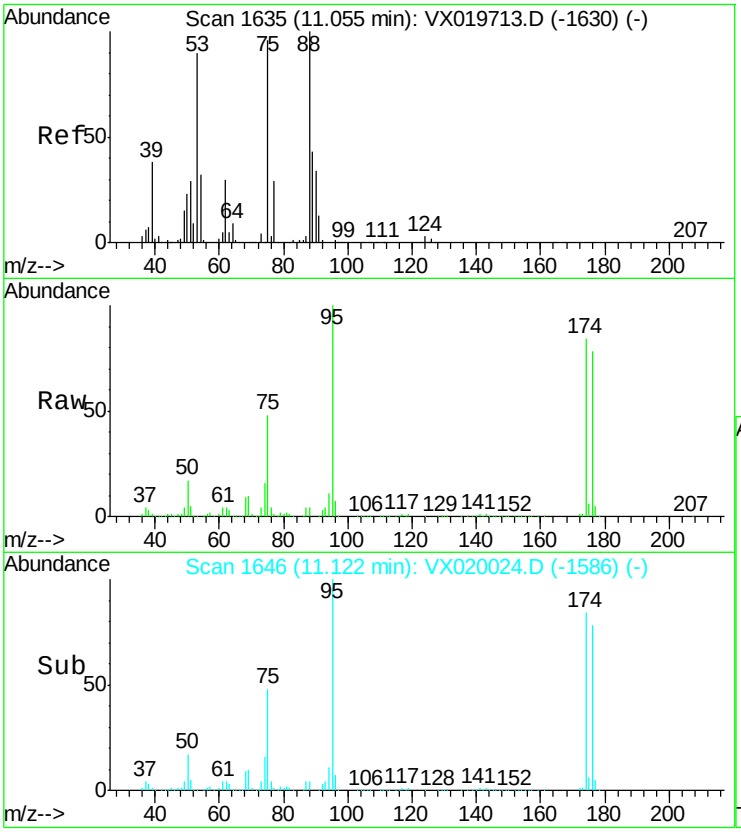


#80
1,3,5-Trimethylbenzene
Concen: 0.568 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Tgt Ion:105 Resp: 6679

Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.8	71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 66.935 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX020024.D
Acq: 15 Dec 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#06

Tgt Ion: 75 Resp: 105938

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