Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121520\
Data File : VX020019.D
Acq On : 15 Dec 2020 18:08
Operator : JC/MD
Sample : PB133610ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB133610ZHE#01

Quant Time: Dec 16 00:27:38 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	5.62	168	303260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	511263	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	470623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203426	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	196411	49.28	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.56%			
35) Dibromofluoromethane	5.46	113	159631	48.31	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.62%			
50) Toluene-d8	8.70	98	628524	49.82	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.64%			
62) 4-Bromofluorobenzene	11.12	95	220138	45.85	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.70%			
Target Compounds						Qvalue
3) Chloromethane	1.28	50	1268	0.388	ug/l #	42
5) Bromomethane	1.64	94	528	0.462	ug/l	91
6) Chloroethane	1.62	64	2228	1.077	ug/l #	48
11) Tert butyl alcohol	2.99	59	2706	0.696	ug/l #	73
13) Acrolein	2.28	56	127	0.289	ug/l #	14
16) Acetone	2.42	43	19704	13.152	ug/l	97
18) Methyl Acetate	2.75	43	2264	0.618	ug/l #	82
20) Methylene Chloride	2.84	84	21247	4.930	ug/l	98
25) 2-Butanone	4.64	43	3641	1.582	ug/l #	85
29) Tetrahydrofuran	5.10	42	1421	0.958	ug/l	88
31) Cyclohexane	5.62	56	5868	1.184	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	23141	5.009	ug/l #	49
38) Carbon Tetrachloride	5.62	117	30121	6.658	ug/l #	17
43) Isopropyl Acetate	6.41	43	26147	3.448	ug/l	100
48) Methyl methacrylate	7.65	41	8218	2.203	ug/l #	10
49) 1,4-Dioxane	7.72	88	19	0.210	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	91441	19.749	ug/l #	47
54) cis-1,3-Dichloropropene	8.59	75	49451	8.678	ug/l #	60
57) 1,3-Dichloropropane	9.52	76	28787	4.740	ug/l #	43
59) 2-Hexanone	9.52	43	346331	96.500	ug/l #	46
74) N-amyl acetate	10.68	43	15775	2.832	ug/l #	49
76) 1,2,3-Trichloropropane	11.12	75	105541	23.132	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	105541	66.871	ug/l #	12

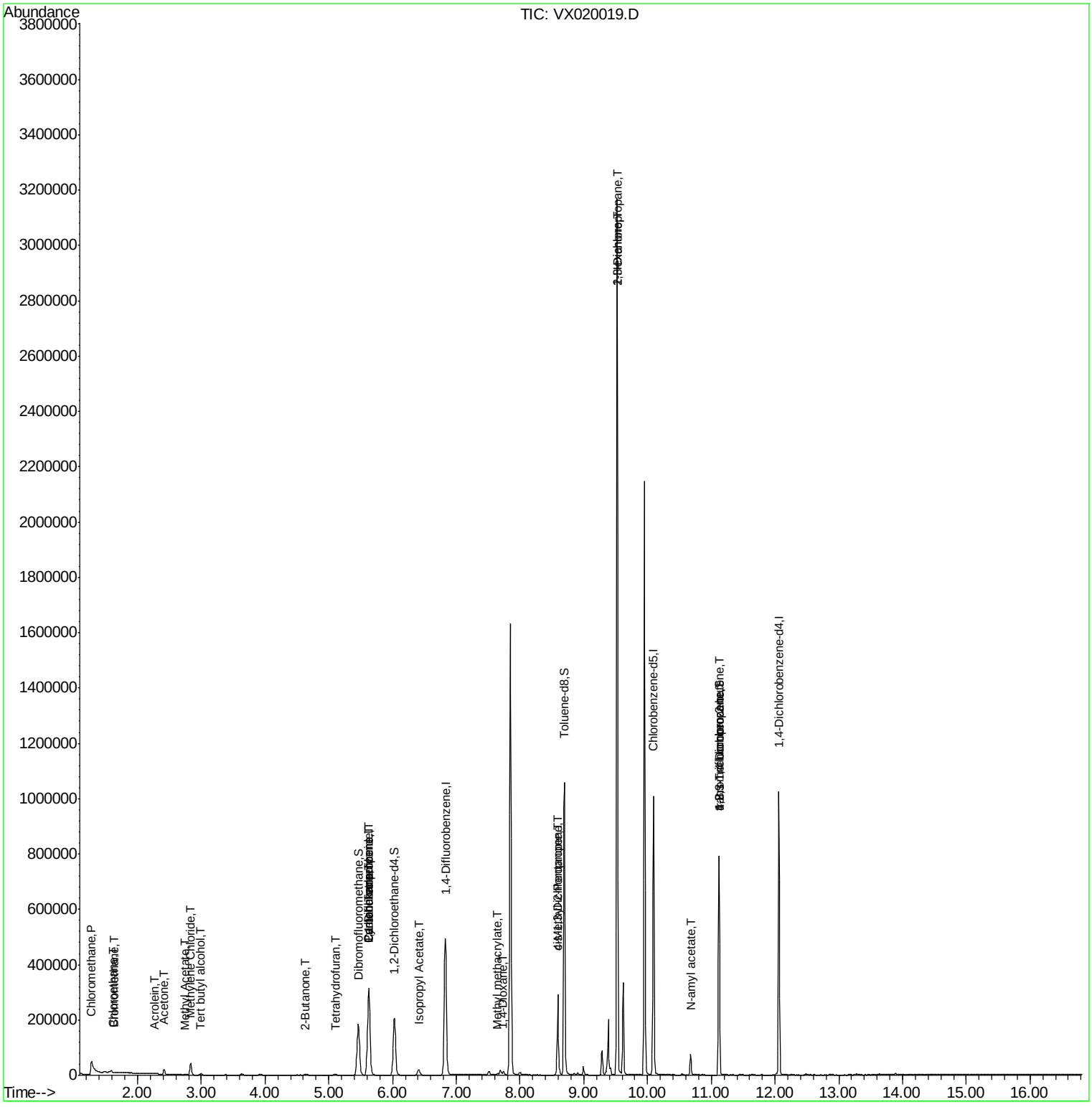
(#) = qualifier out of range (m) = manual integration (+) = signals summed

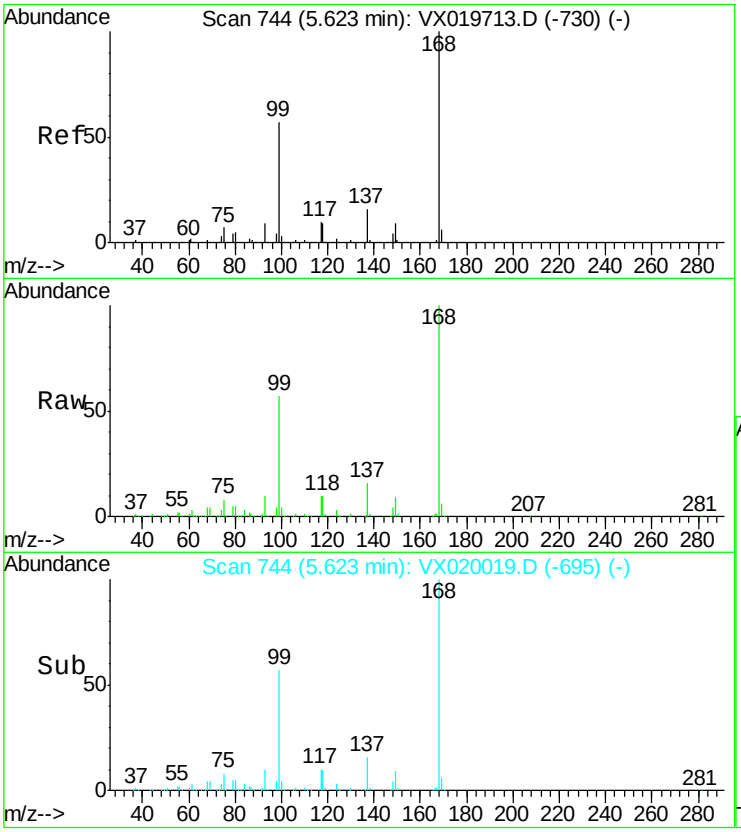
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121520\
Data File : VX020019.D
Acq On : 15 Dec 2020 18:08
Operator : JC/MD
Sample : PB133610ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#01

Quant Time: Dec 16 00:27:38 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



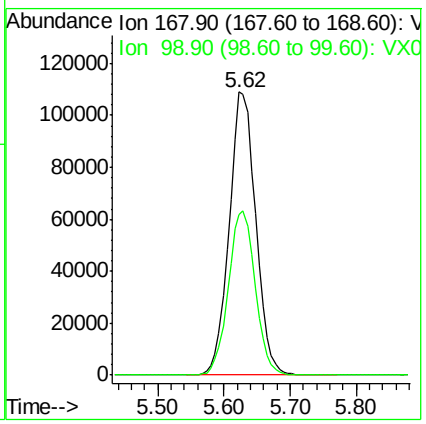


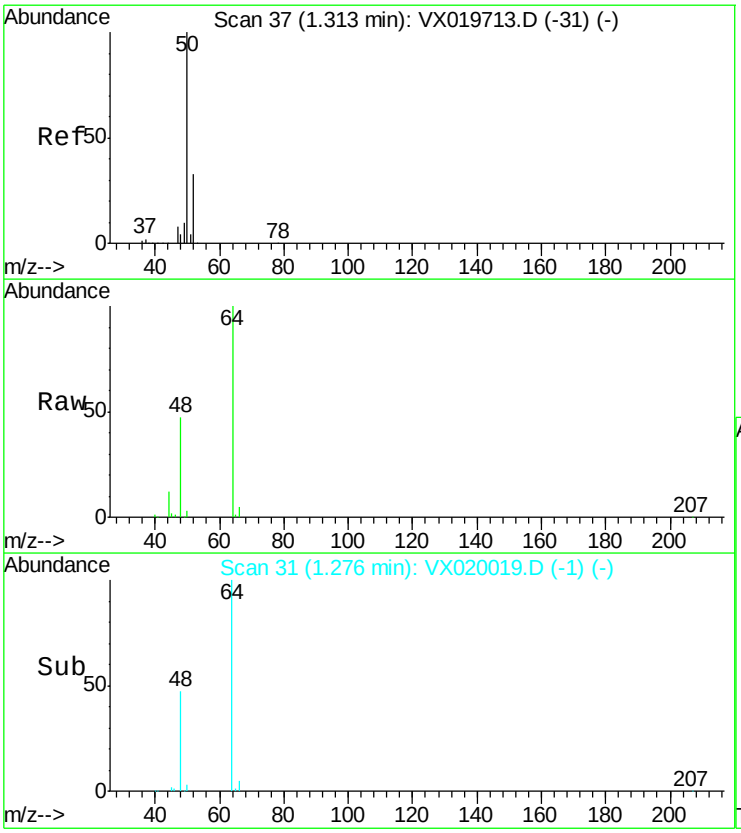
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.00 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#01

Tgt Ion:168 Resp: 303260

Ion	Ratio	Lower	Upper
168	100		
99	56.7	45.8	68.6

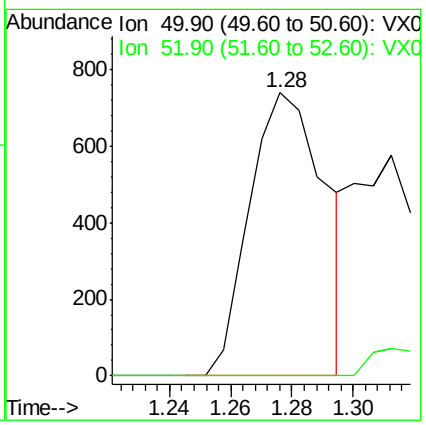


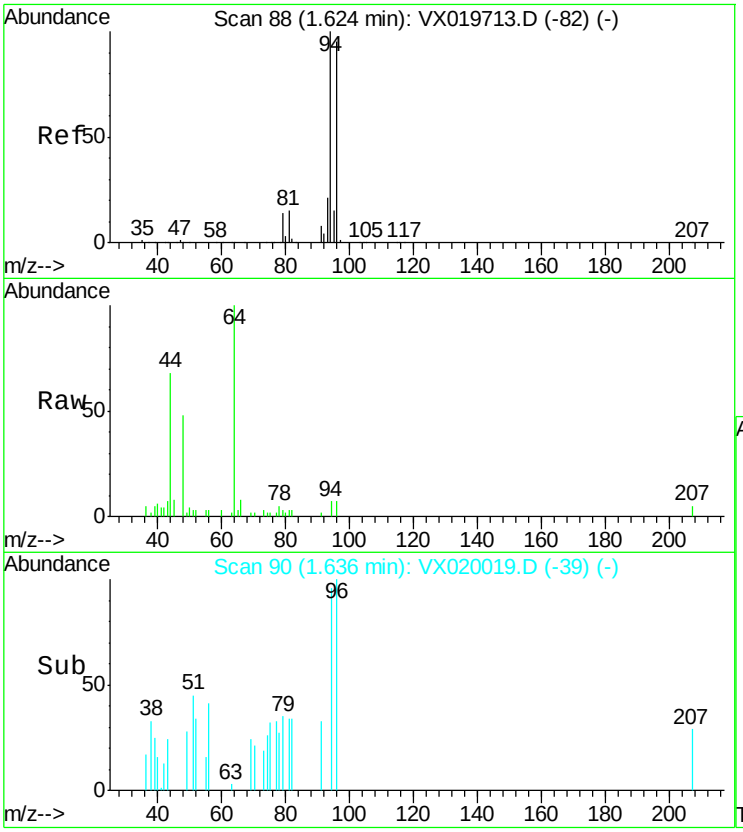


#3
Chloromethane
Concen: 0.388 ug/l
RT: 1.28 min Scan# 31
Delta R.T. -0.04 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Tgt Ion: 50 Resp: 1268

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.4	39.6#



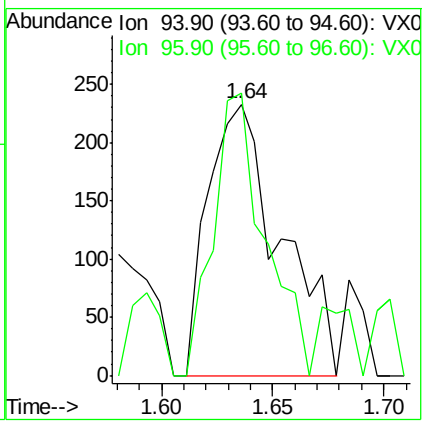


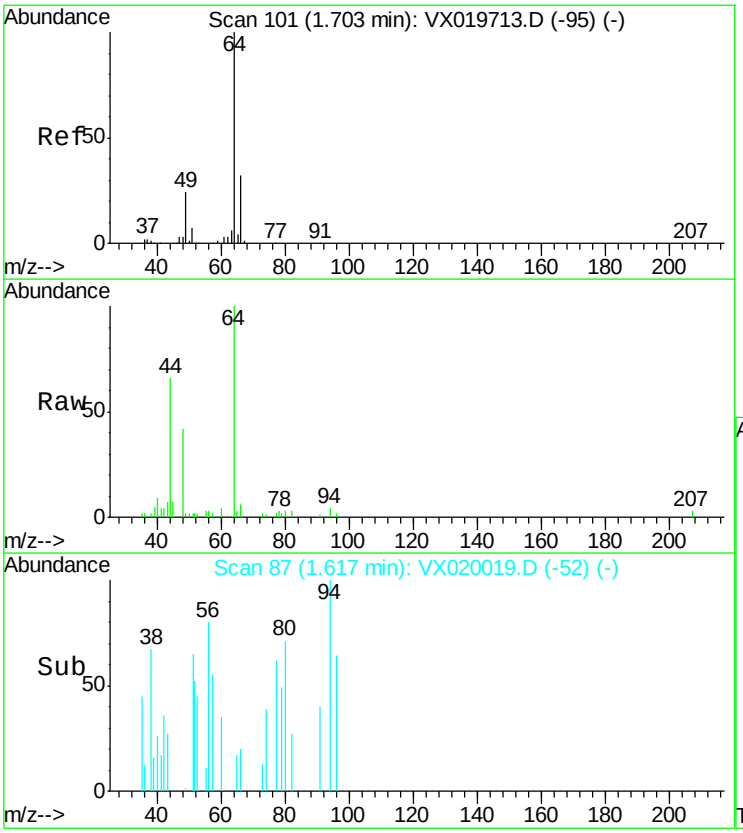
#5
Bromomethane
Concen: 0.462 ug/l
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#01

Tgt Ion: 94 Resp: 528

Ion	Ratio	Lower	Upper
94	100		
96	104.3	76.4	114.6

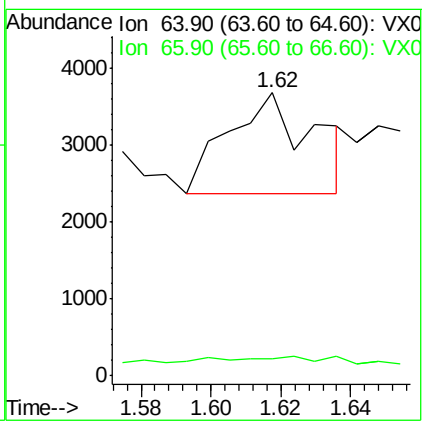


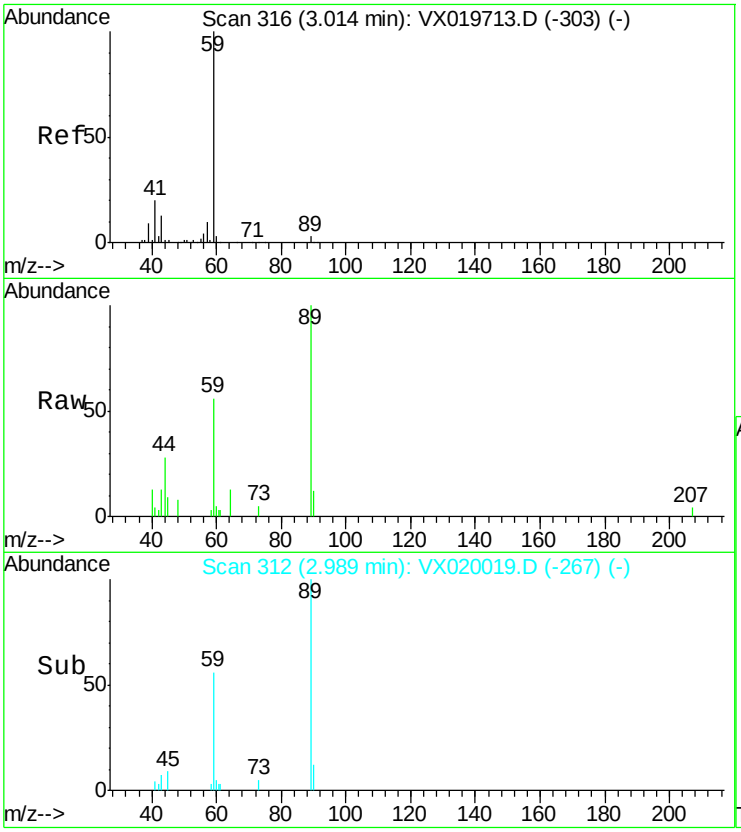


#6
Chloroethane
Concen: 1.077 ug/l
RT: 1.62 min Scan# 87
Delta R.T. -0.09 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Tgt Ion: 64 Resp: 2228

Ion	Ratio	Lower	Upper
64	100		
66	2.7	25.4	38.0#



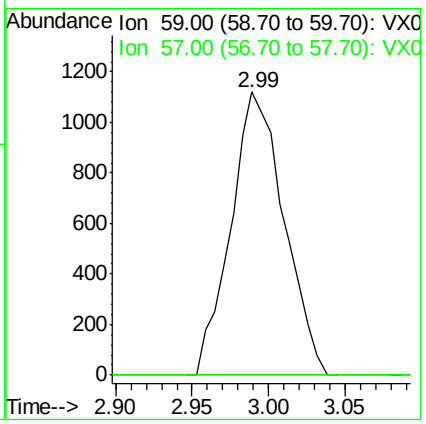


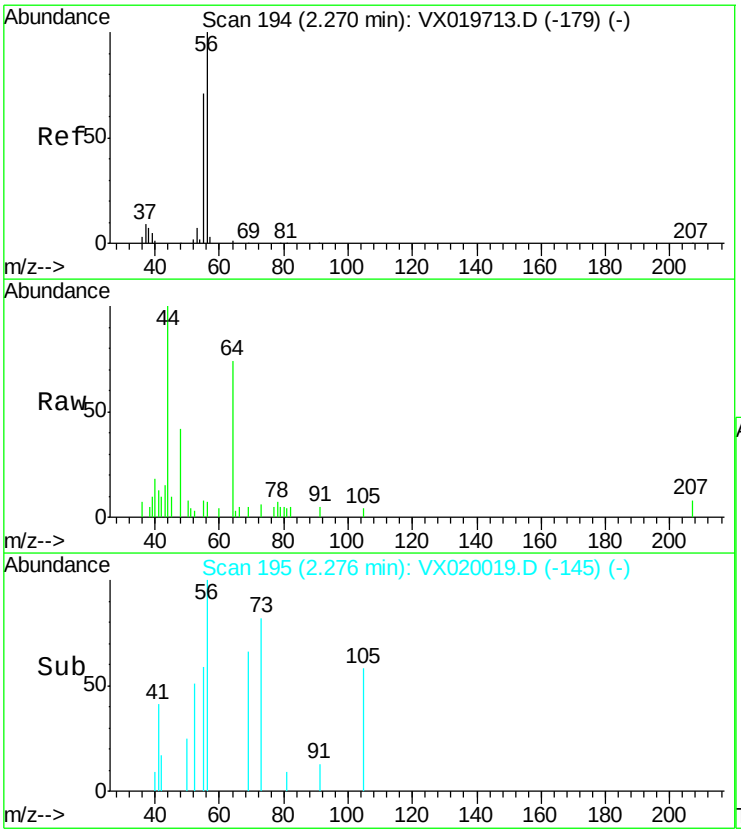
#11
Tert butyl alcohol
Concen: 0.696 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#01

Tgt Ion: 59 Resp: 2706

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

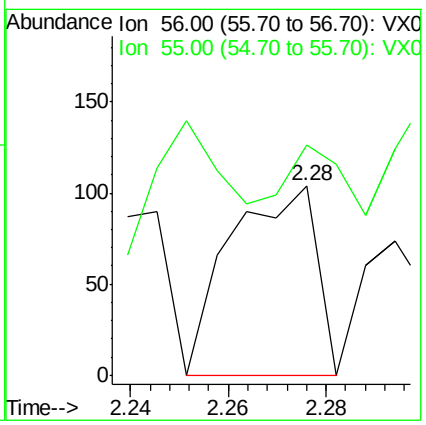


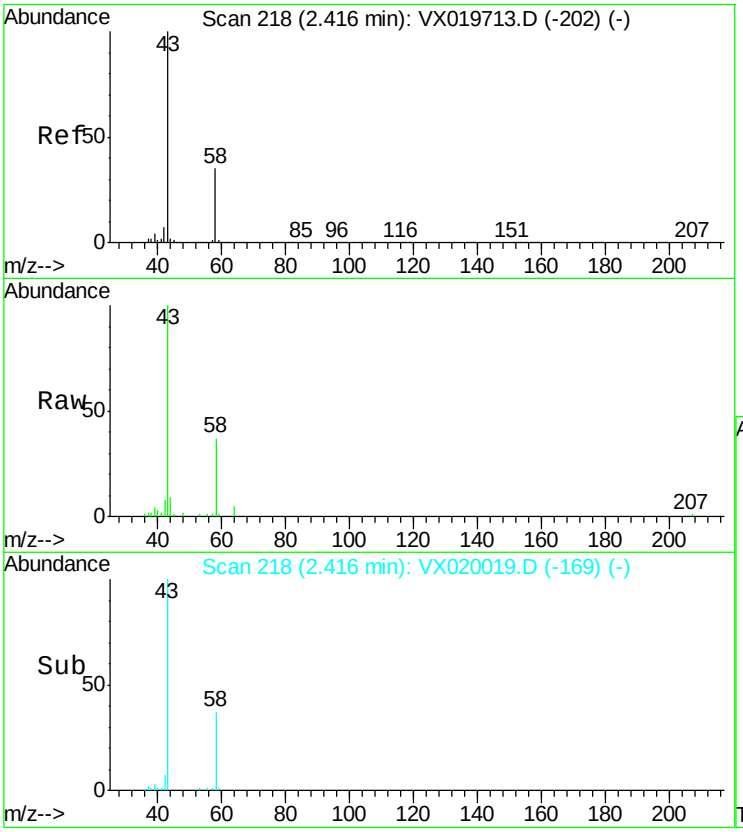


#13
Acrolein
Concen: 0.289 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Tgt Ion: 56 Resp: 127

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.4	84.6#



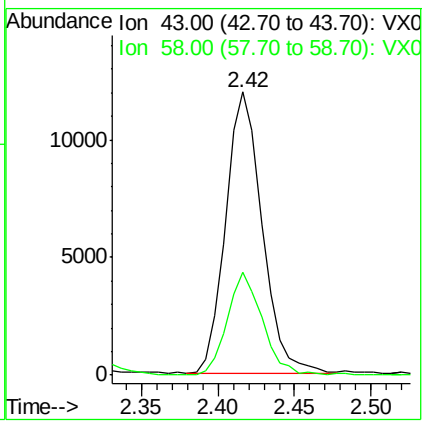


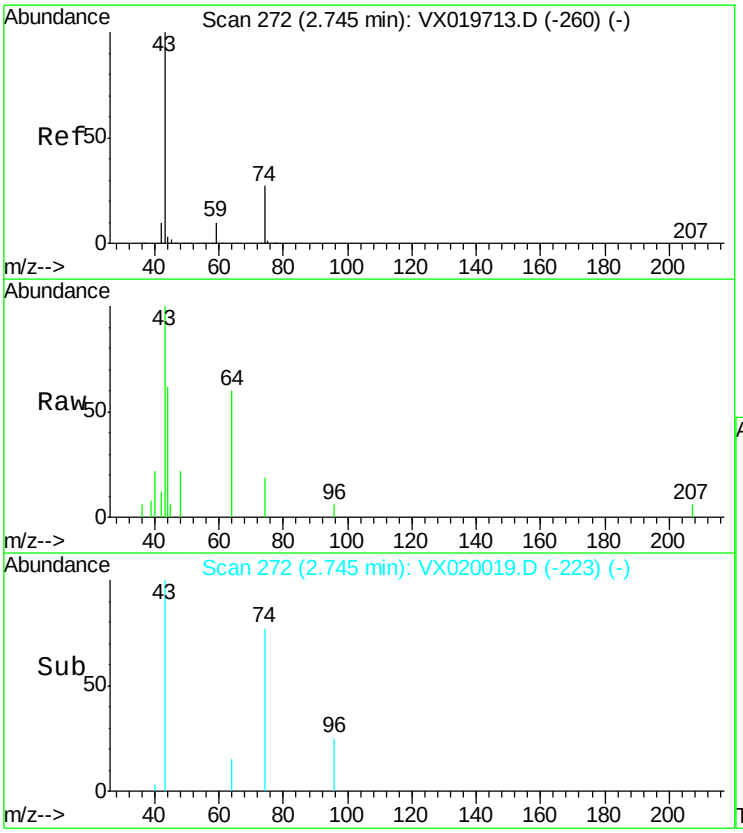
#16
Acetone
Concen: 13.152 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#01

Tgt Ion: 43 Resp: 19704

Ion	Ratio	Lower	Upper
43	100		
58	36.8	27.8	41.8

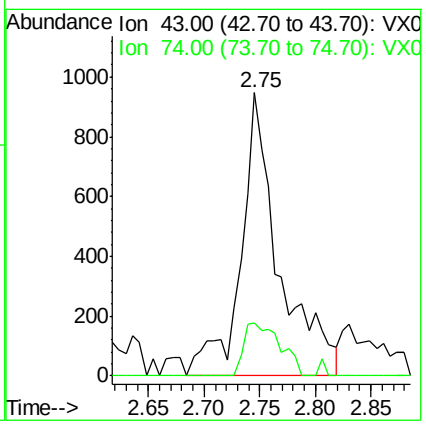


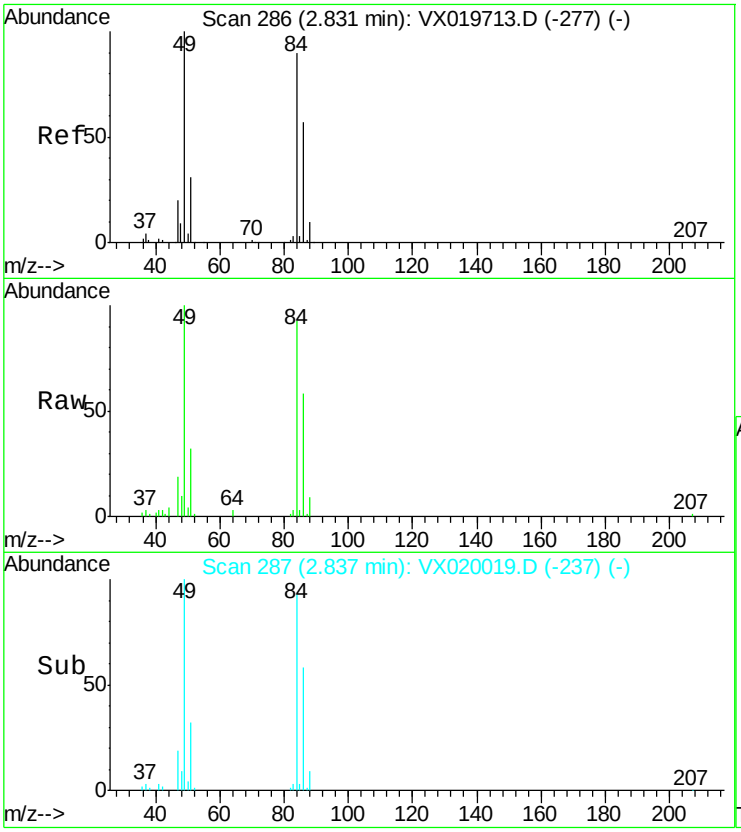


#18
Methyl Acetate
Concen: 0.618 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Tgt Ion: 43 Resp: 2264

Ion	Ratio	Lower	Upper
43	100		
74	17.9	21.9	32.9#



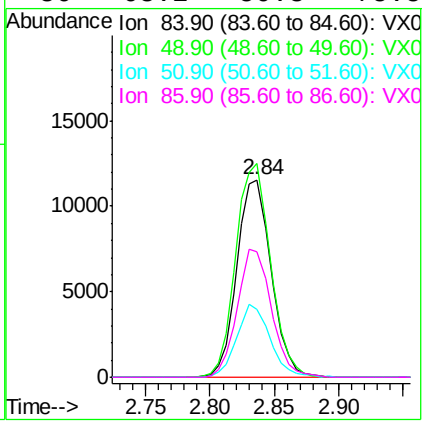


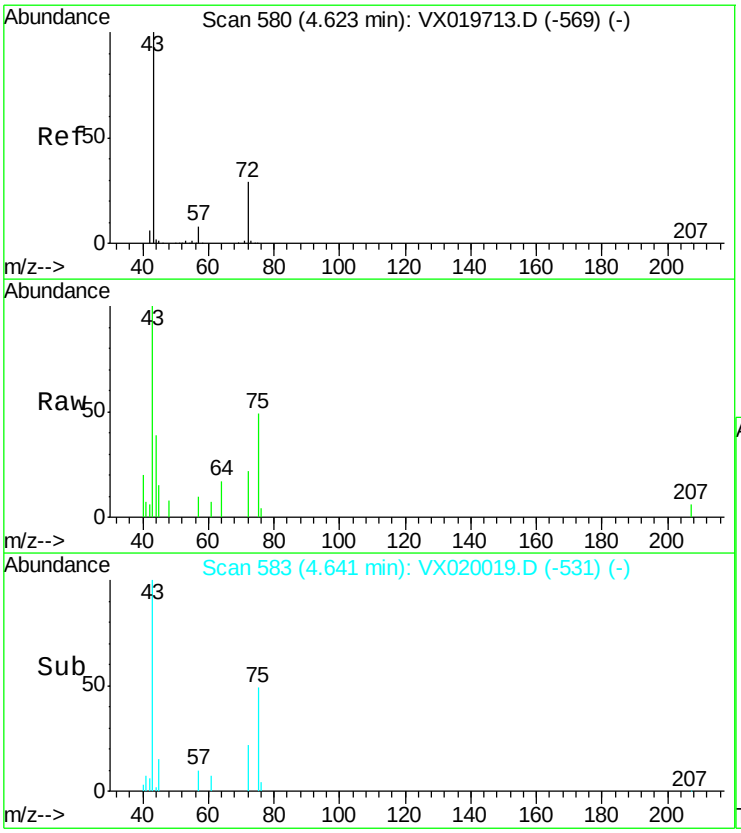
#20
Methylene Chloride
Concen: 4.930 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#01

Tgt Ion: 84 Resp: 21247

Ion	Ratio	Lower	Upper
84	100		
49	108.1	88.6	132.8
51	34.1	27.0	40.6
86	63.2	50.3	75.5

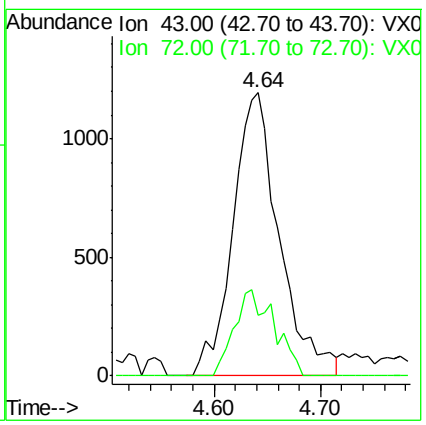


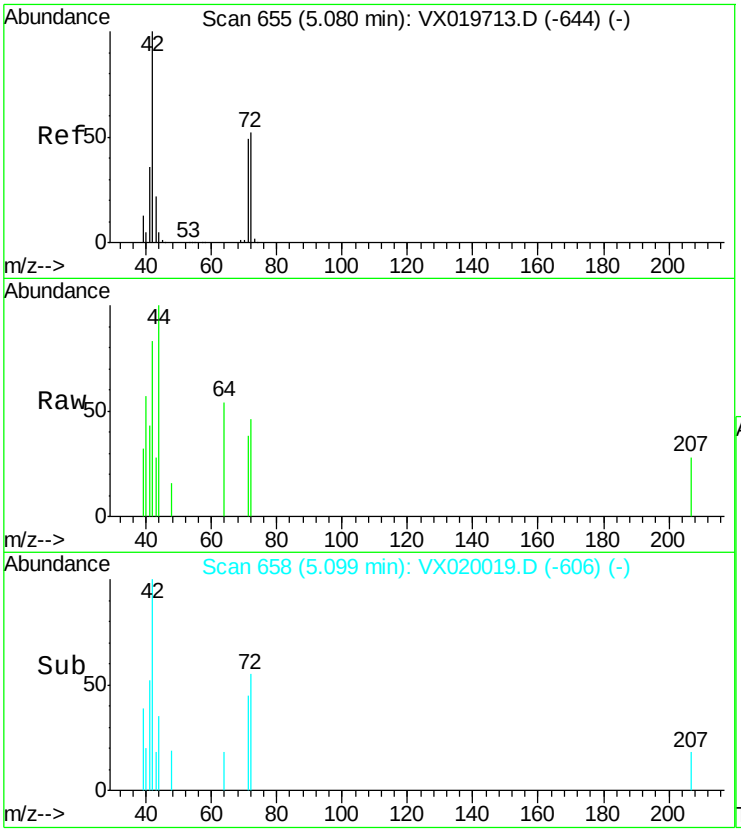


#25
2-Butanone
Concen: 1.582 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.02 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Tgt Ion: 43 Resp: 3641

Ion	Ratio	Lower	Upper
43	100		
72	21.6	23.7	35.5#



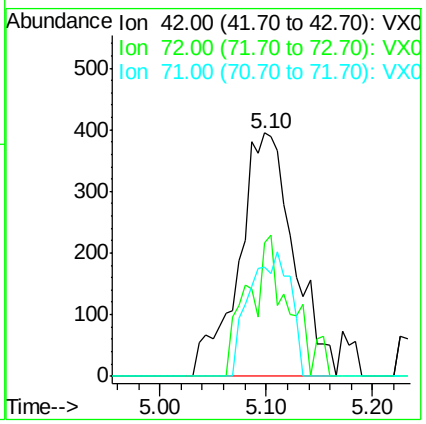


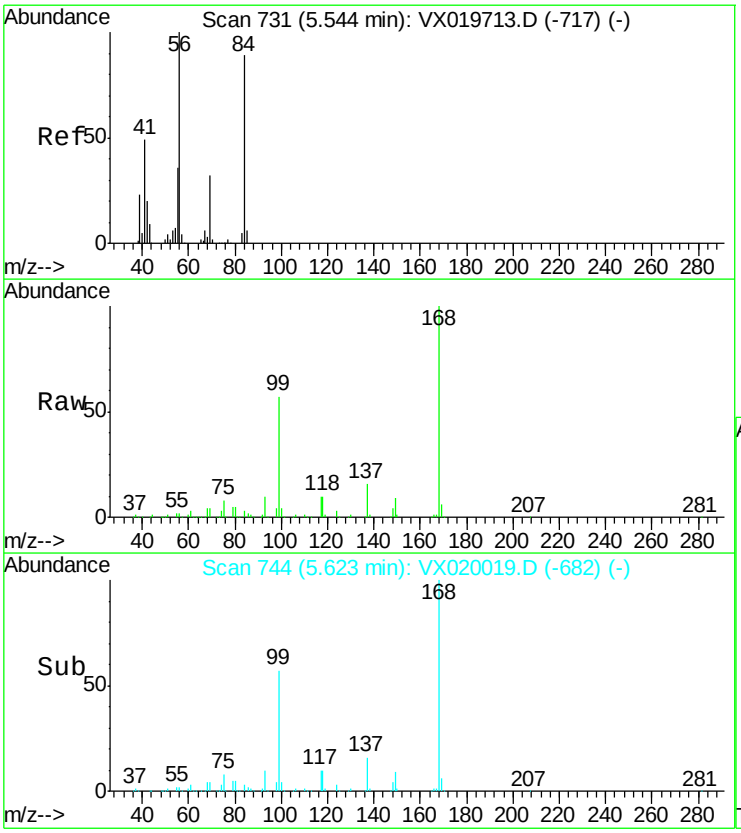
#29
Tetrahydrofuran
Concen: 0.958 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.02 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#01

Tgt Ion: 42 Resp: 1421

Ion	Ratio	Lower	Upper
42	100		
72	44.5	41.7	62.5
71	38.6	38.4	57.6

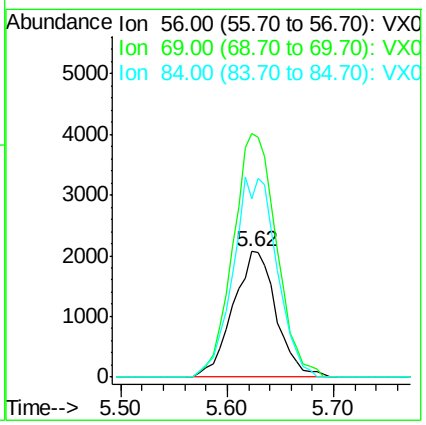


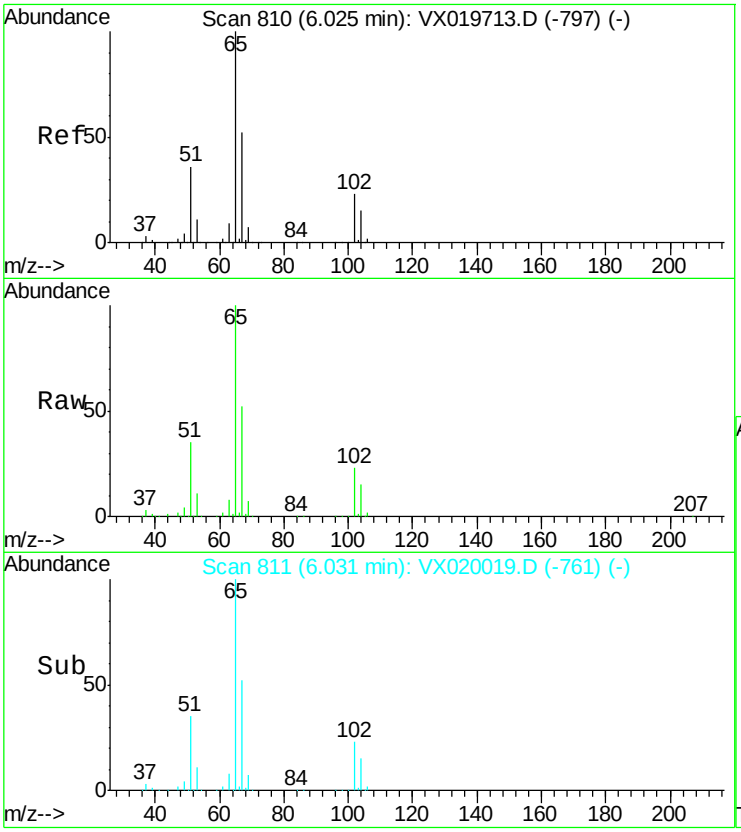


#31
Cyclohexane
Concen: 1.184 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Tgt Ion: 56 Resp: 5868

Ion	Ratio	Lower	Upper
56	100		
69	194.0	25.3	37.9#
84	142.5	71.4	107.0#



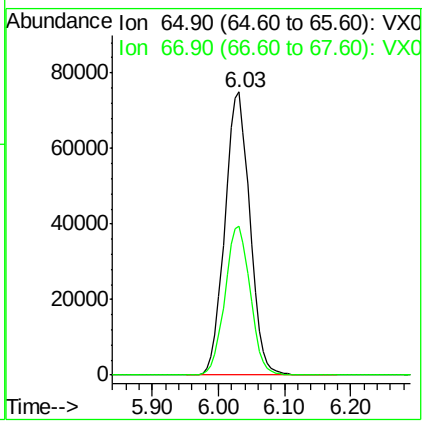


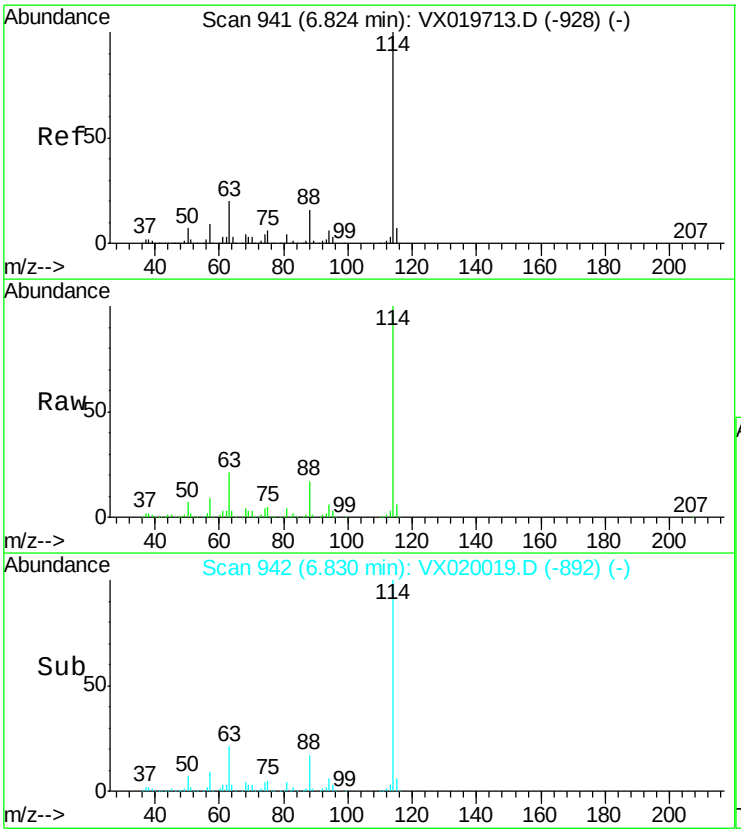
#33
1,2-Dichloroethane-d4
Concen: 49.279 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#01

Tgt Ion: 65 Resp: 196411

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.4

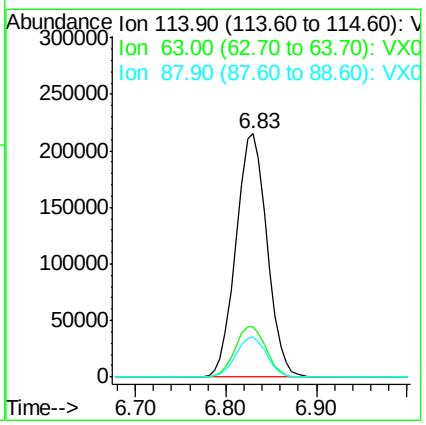


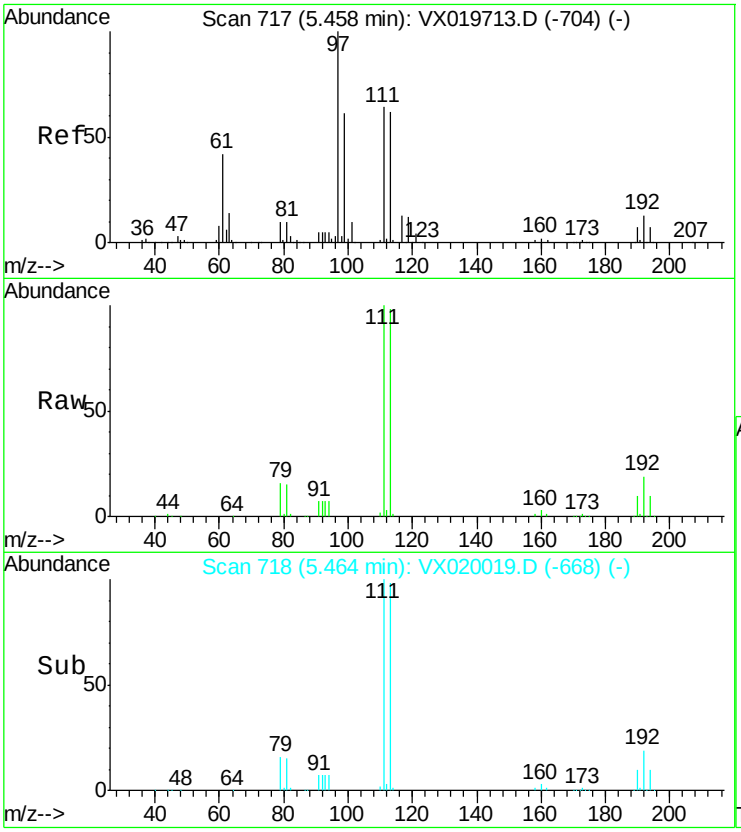


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Tgt Ion:114 Resp: 511263

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	16.7	0.0	32.8



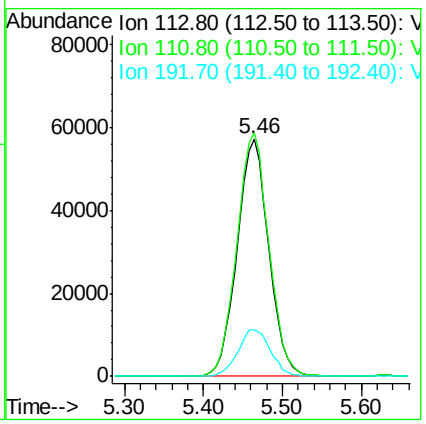


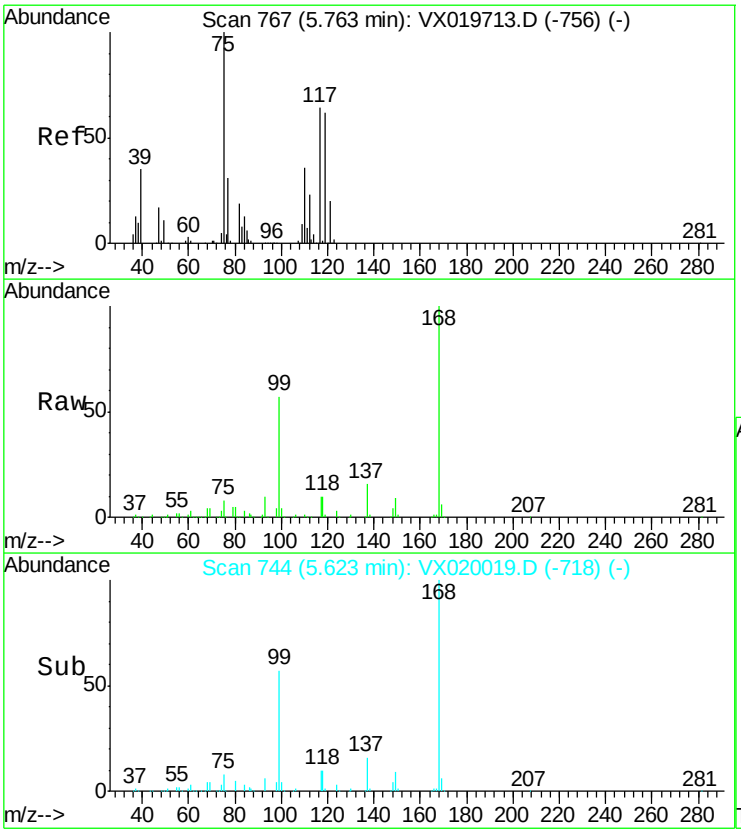
#35
Dibromofluoromethane
Concen: 48.311 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#01

Tgt Ion:113 Resp: 159631

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	20.3	16.7	25.1

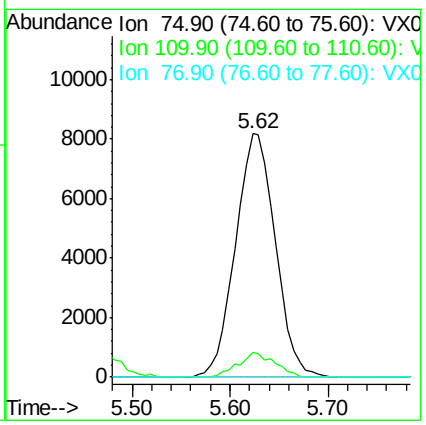


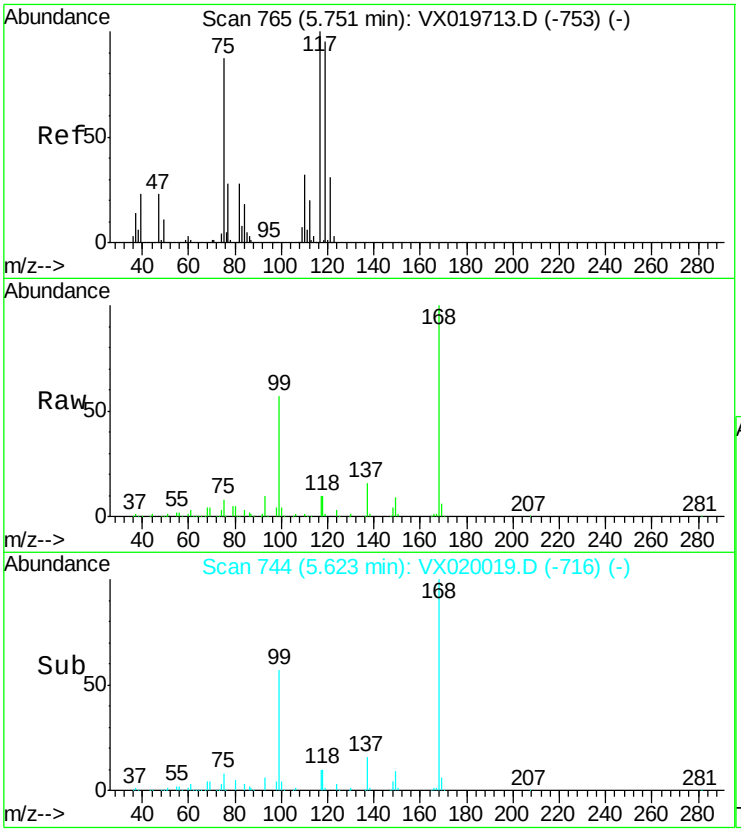


#36
1,1-Dichloropropene
Concen: 5.009 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Tgt Ion: 75 Resp: 23141

Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.4#
77	0.0	25.3	37.9#



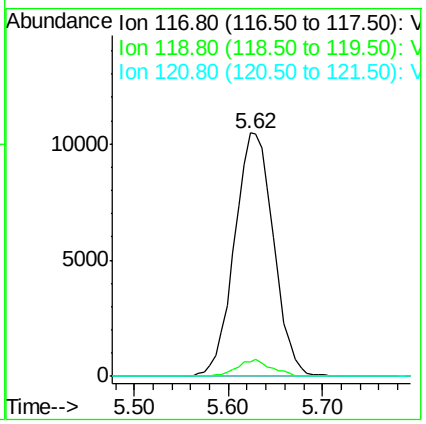


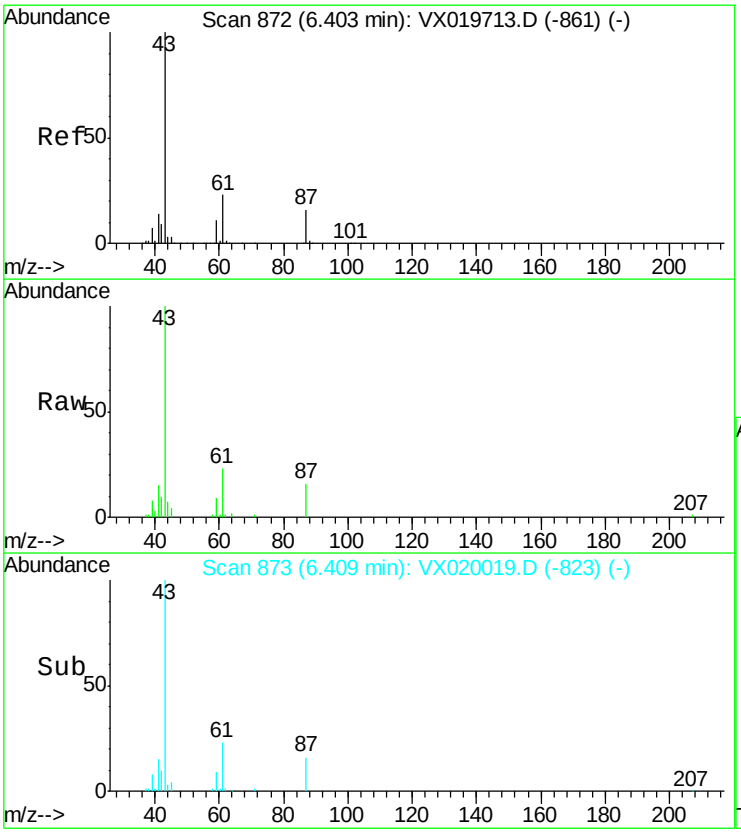
#38
Carbon Tetrachloride
Concen: 6.658 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Instrument : MSVOA_X
ClientSampleId : PB133610ZHE#01

Tgt Ion:117 Resp: 30121

Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.2	114.2#
121	0.0	24.8	37.2#

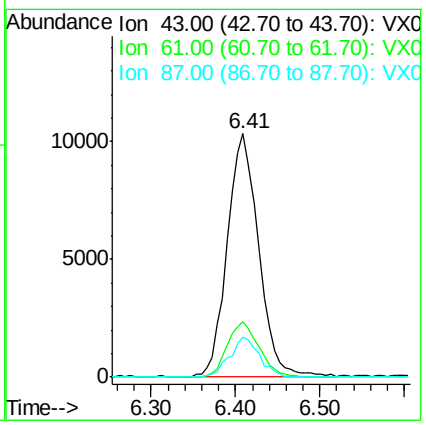


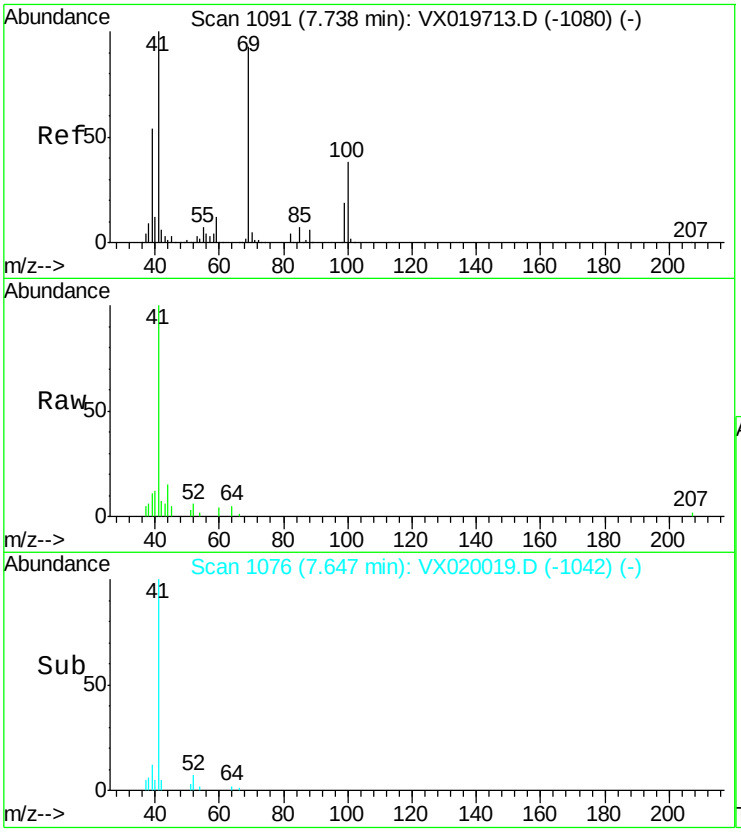


#43
Isopropyl Acetate
Concen: 3.448 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Tgt Ion: 43 Resp: 26147

Ion	Ratio	Lower	Upper
43	100		
61	22.8	18.2	27.4
87	15.4	12.5	18.7



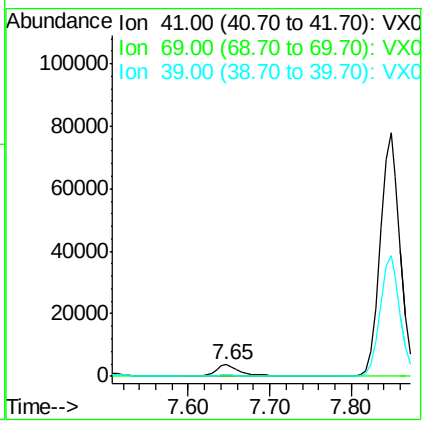


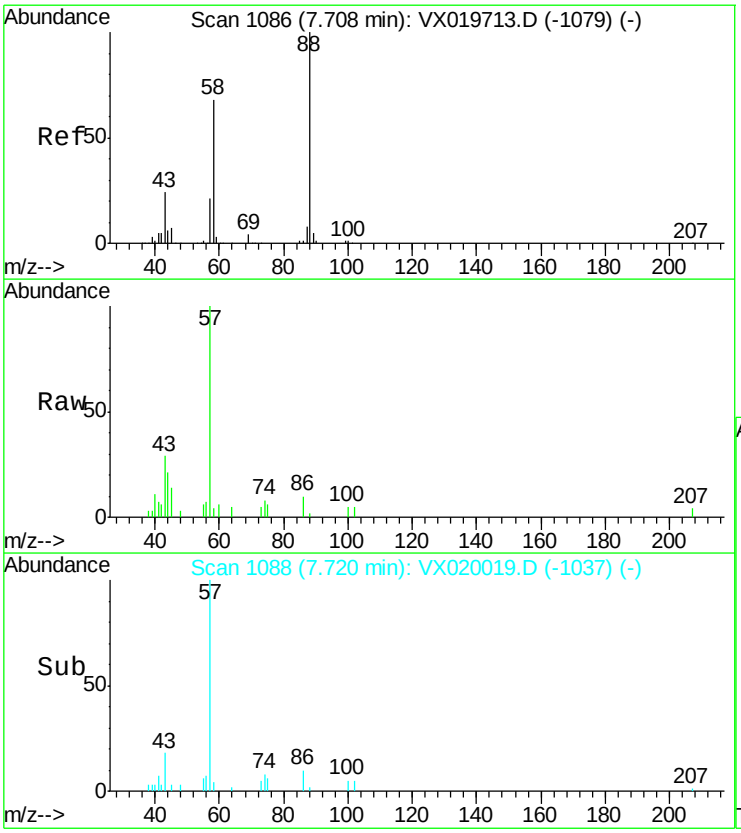
#48
Methyl methacrylate
Concen: 2.203 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.09 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#01

Tgt Ion: 41 Resp: 8218

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

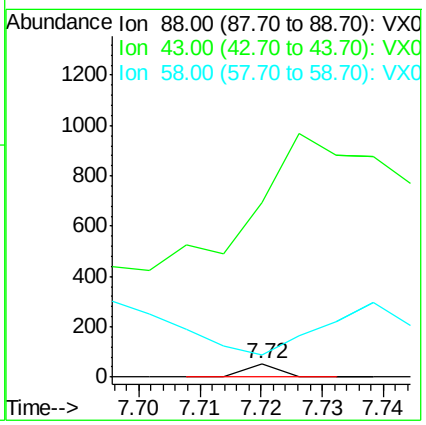


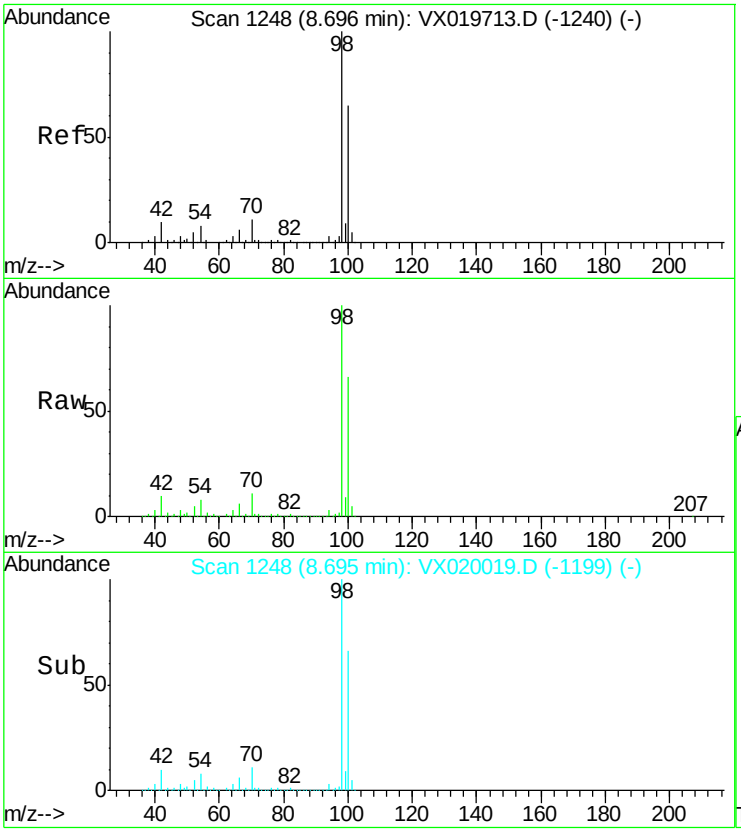


#49
1,4-Dioxane
Concen: 0.210 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	2489.5	55.0	82.4#



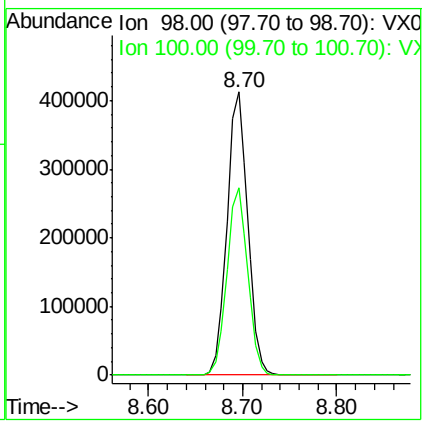


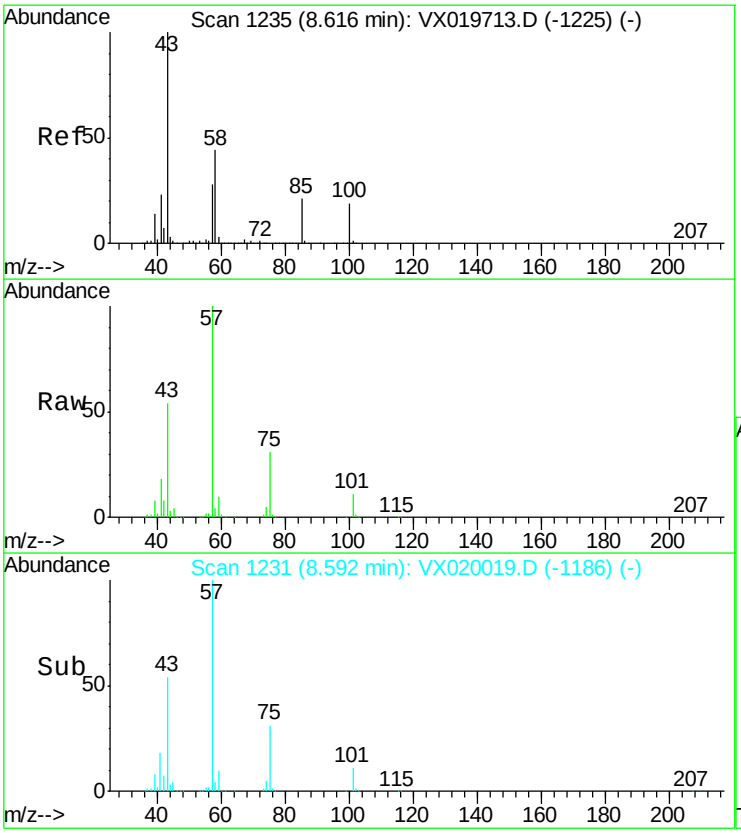
#50
Toluene-d8
Concen: 49.825 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#01

Tgt Ion: 98 Resp: 628524

Ion	Ratio	Lower	Upper
98	100		
100	66.3	51.9	77.9

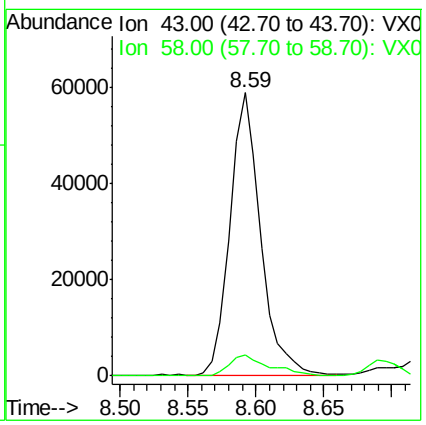


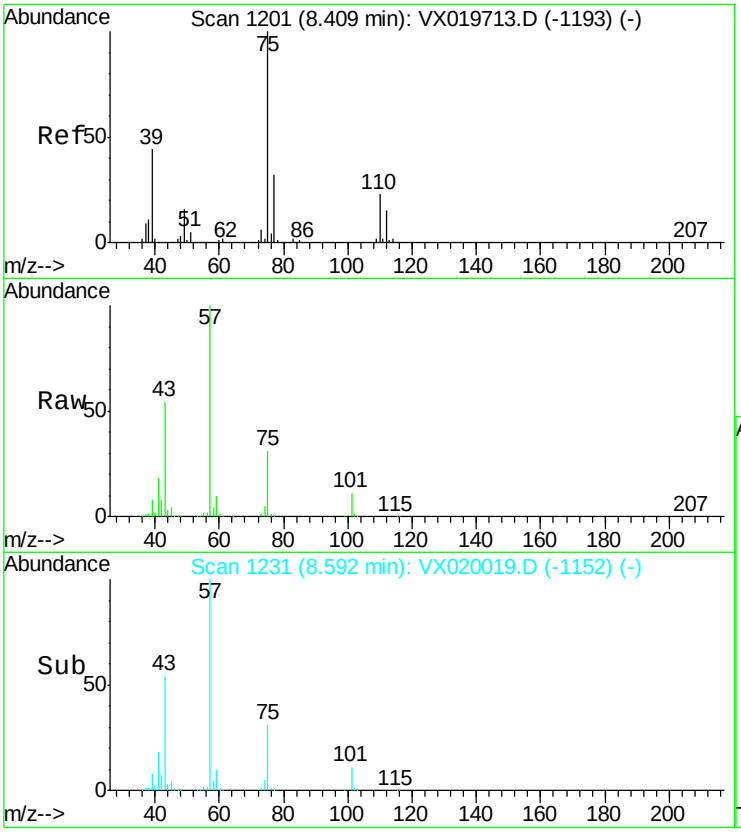


#51
4-Methyl-2-Pentanone
Concen: 19.749 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Tgt Ion: 43 Resp: 91441

Ion	Ratio	Lower	Upper
43	100		
58	9.6	35.4	53.0#



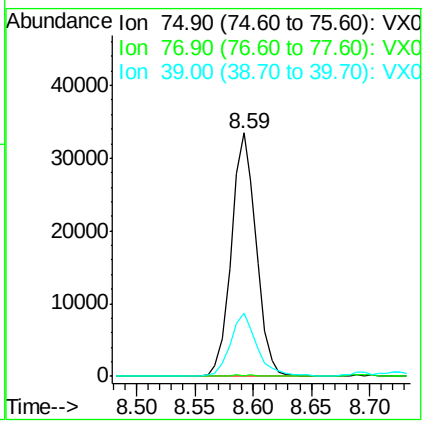


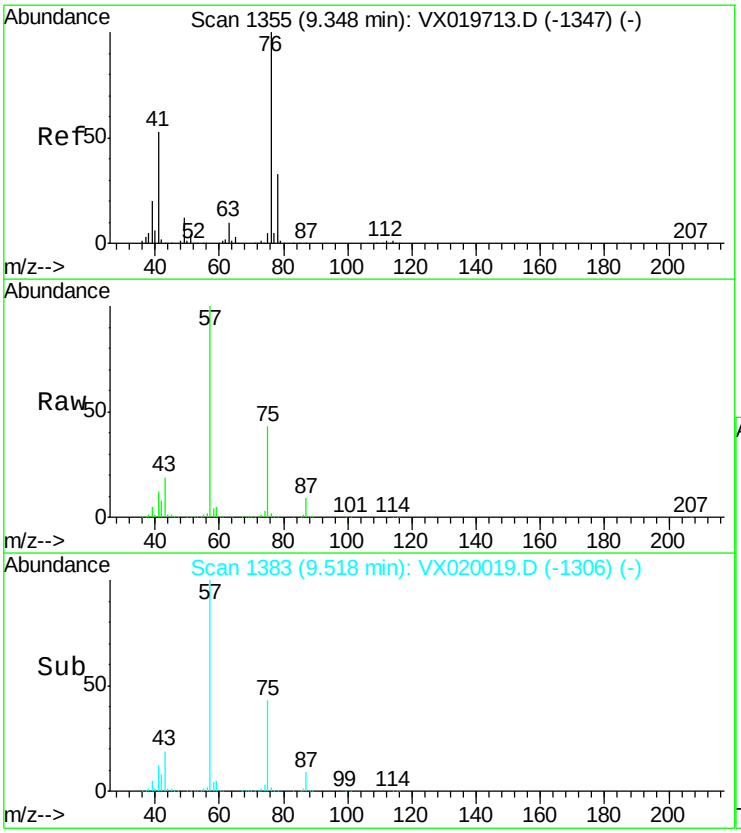
#54
cis-1,3-Dichloropropene
Concen: 8.678 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#01

Tgt Ion: 75 Resp: 49451

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.7	38.5#
39	25.5	35.1	52.7#

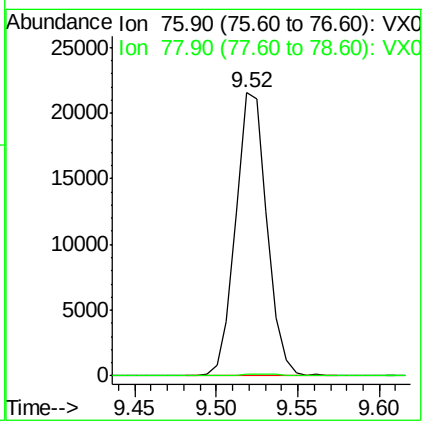


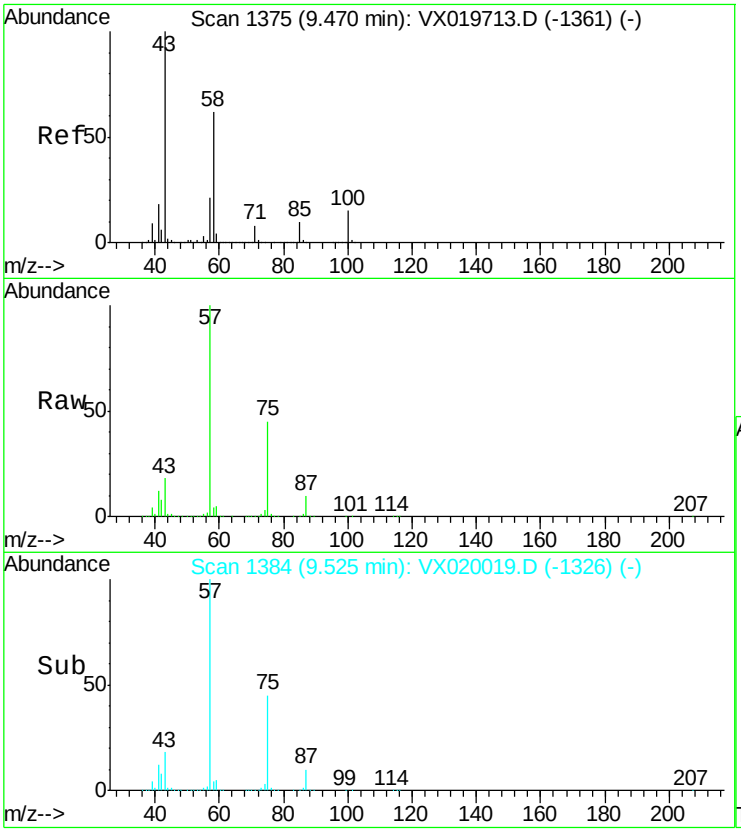


#57
1,3-Dichloropropane
Concen: 4.740 ug/l
RT: 9.52 min Scan# 1383
Delta R.T. 0.17 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Tgt Ion: 76 Resp: 28787

Ion	Ratio	Lower	Upper
76	100		
78	0.6	26.2	39.2#



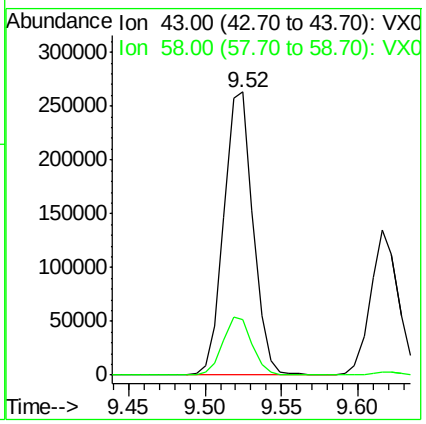


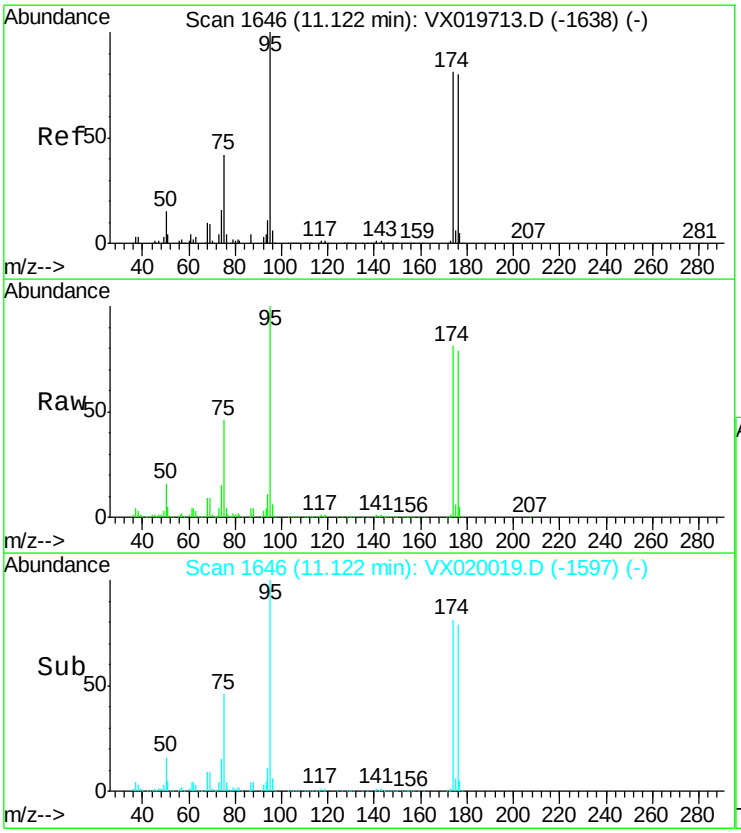
#59
2-Hexanone
Concen: 96.500 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Instrument : MSVOA_X
ClientSampleId : PB133610ZHE#01

Tgt Ion: 43 Resp: 346331

Ion	Ratio	Lower	Upper
43	100		
58	20.5	30.9	92.8#

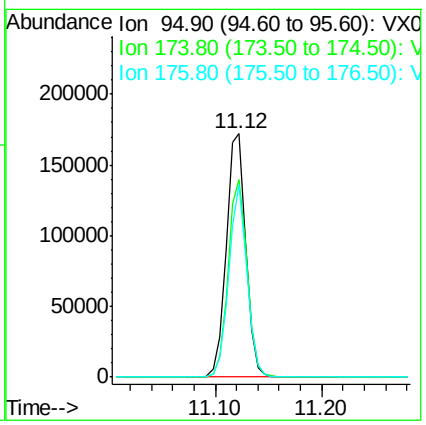


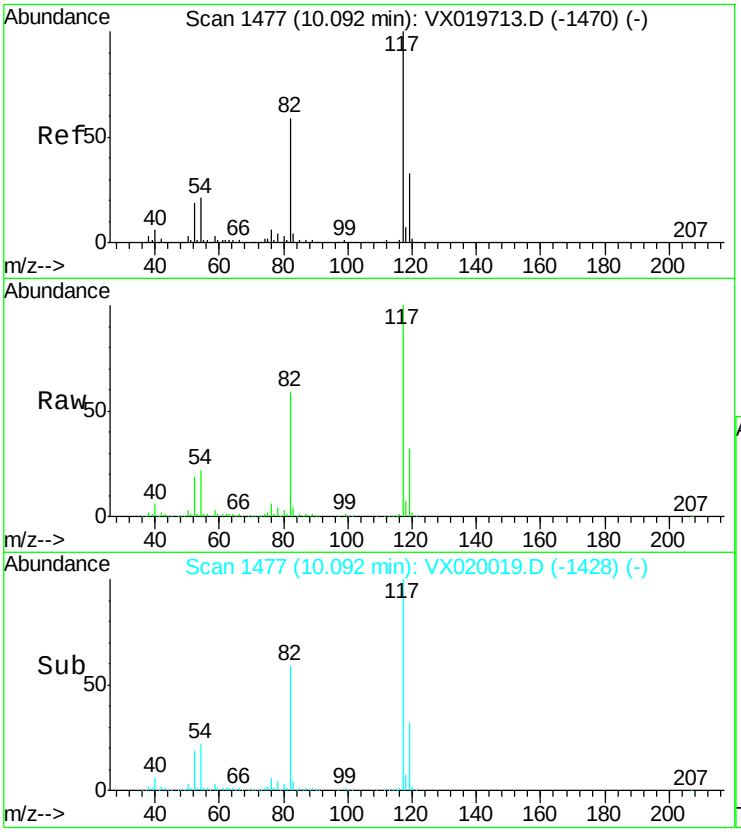


#62
4-Bromofluorobenzene
Concen: 45.850 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Tgt Ion: 95 Resp: 220138

Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	154.6
176	74.0	0.0	155.8



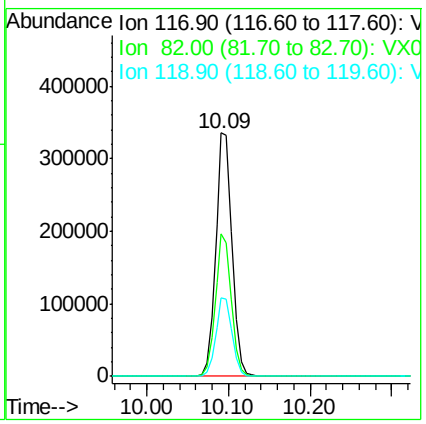


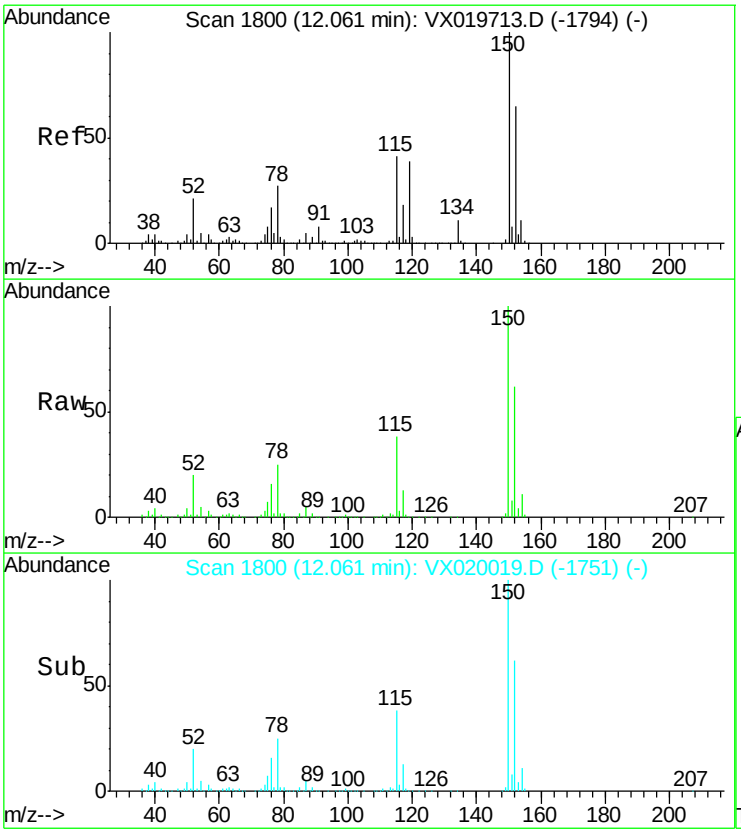
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Instrument : MSVOA_X
ClientSampleId : PB133610ZHE#01

Tgt Ion:117 Resp: 470623

Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.4	71.2
119	32.4	26.6	39.8

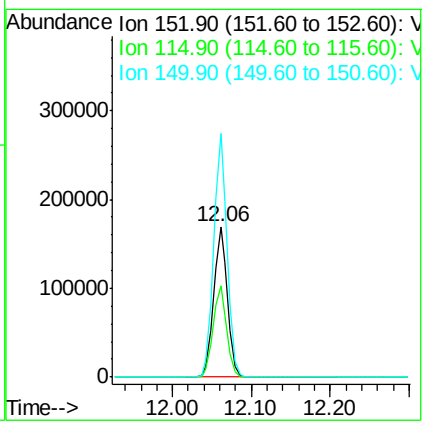


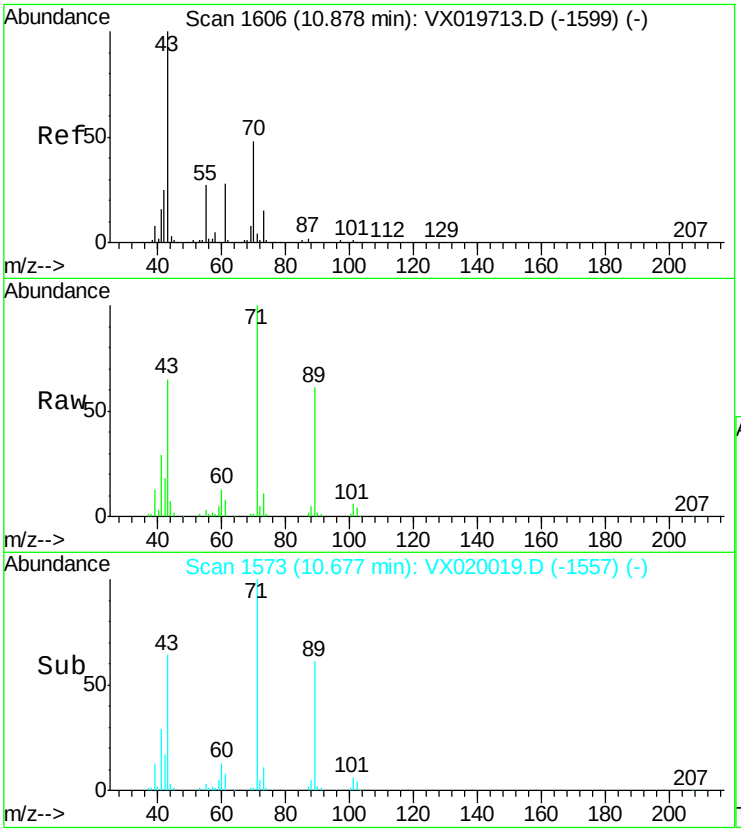


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Tgt Ion:152 Resp: 203426

Ion	Ratio	Lower	Upper
152	100		
115	60.4	41.1	123.3
150	158.6	0.0	349.0



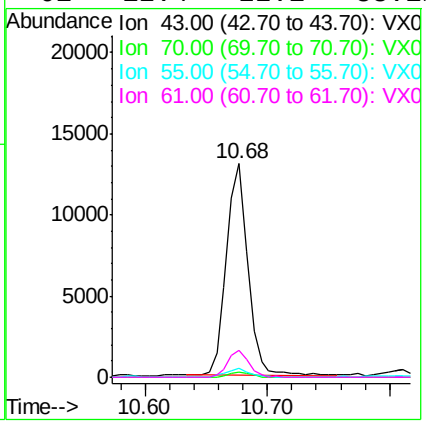


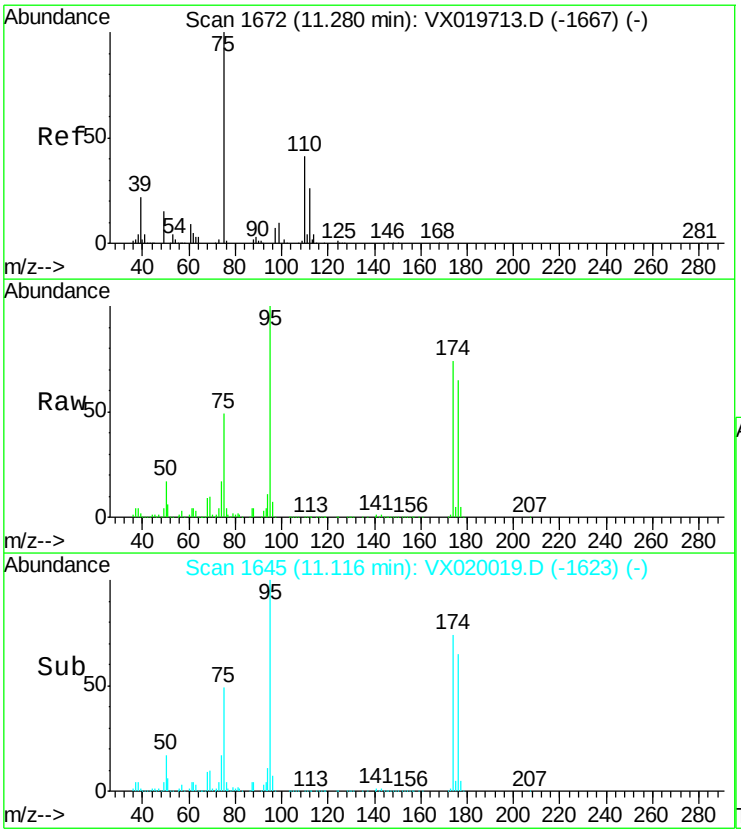
#74
N-amyl acetate
Concen: 2.832 ug/l
RT: 10.68 min Scan# 1573
Delta R.T. -0.20 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Instrument : MSVOA_X
ClientSampleId : PB133610ZHE#01

Tgt Ion: 43 Resp: 15775

Ion	Ratio	Lower	Upper
43	100		
70	2.3	39.0	58.6#
55	4.7	21.5	32.3#
61	12.4	22.1	33.1#

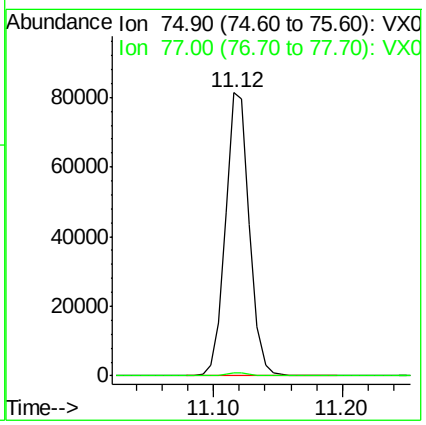


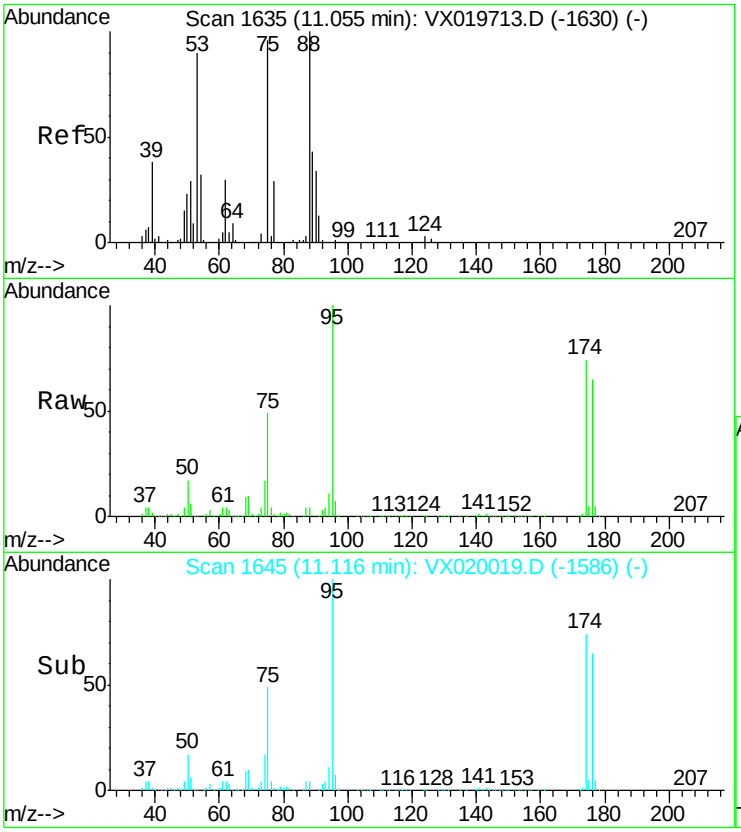


#76
1,2,3-Trichloropropane
Concen: 23.132 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.16 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Tgt Ion: 75 Resp: 105541

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.871 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. 0.06 min
Lab File: VX020019.D
Acq: 15 Dec 2020 18:08

Instrument :
MSVOA_X
ClientSampleId :
PB133610ZHE#01

Tgt Ion: 75 Resp: 105541

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