Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072320\
Data File : VX017516.D
Acq On : 24 Jul 2020 01:29
Operator : JC/SP
Sample : PB130403ZHE#06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#06

Quant Time: Jul 24 06:05:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	492764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	829855	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	841847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	462872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	339508	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.28%			
35) Dibromofluoromethane	5.46	113	282746	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.88%			
50) Toluene-d8	8.70	98	920382	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.94%			
62) 4-Bromofluorobenzene	11.12	95	410640	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.17	85	821	Below Cal	#	64
3) Chloromethane	1.32	50	1172	0.558	ug/l	97
5) Bromomethane	1.65	94	1029	Below Cal	#	31
6) Chloroethane	1.70	64	119	Below Cal	#	44
8) Diethyl Ether	2.18	74	2178	Below Cal		79
11) Tert butyl alcohol	3.01	59	3367	2.524	ug/l #	89
13) Acrolein	2.28	56	1143	5.252	ug/l #	33
16) Acetone	2.42	43	68995	24.765	ug/l	97
18) Methyl Acetate	2.75	43	7399	1.128	ug/l #	89
20) Methylene Chloride	2.84	84	51271	8.711	ug/l	96
25) 2-Butanone	4.64	43	16068	4.060	ug/l	95
29) Tetrahydrofuran	5.10	42	3591	1.465	ug/l #	88
36) 1,1-Dichloropropene	5.63	75	37122	4.664	ug/l #	42
38) Carbon Tetrachloride	5.64	117	49522	5.124	ug/l #	16
43) Isopropyl Acetate	6.42	43	168379	11.719	ug/l	98
48) Methyl methacrylate	7.85	41	258139	36.244	ug/l #	45
49) 1,4-Dioxane	7.72	88	259	1.897	ug/l #	22
51) 4-Methyl-2-Pentanone	8.59	43	141047	16.452	ug/l #	47
54) cis-1,3-Dichloropropene	8.59	75	59428	5.786	ug/l #	62
57) 1,3-Dichloropropane	9.52	76	10615	1.057	ug/l #	51
59) 2-Hexanone	9.52	43	155599	24.107	ug/l #	52
74) N-amyl acetate	10.80	43	7681	0.544	ug/l #	53
76) 1,2,3-Trichloropropane	11.12	75	210029	22.058	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.49	105	7658	0.282	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.12	75	210029	55.582	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	12.99	75	488	2.742	ug/l #	15

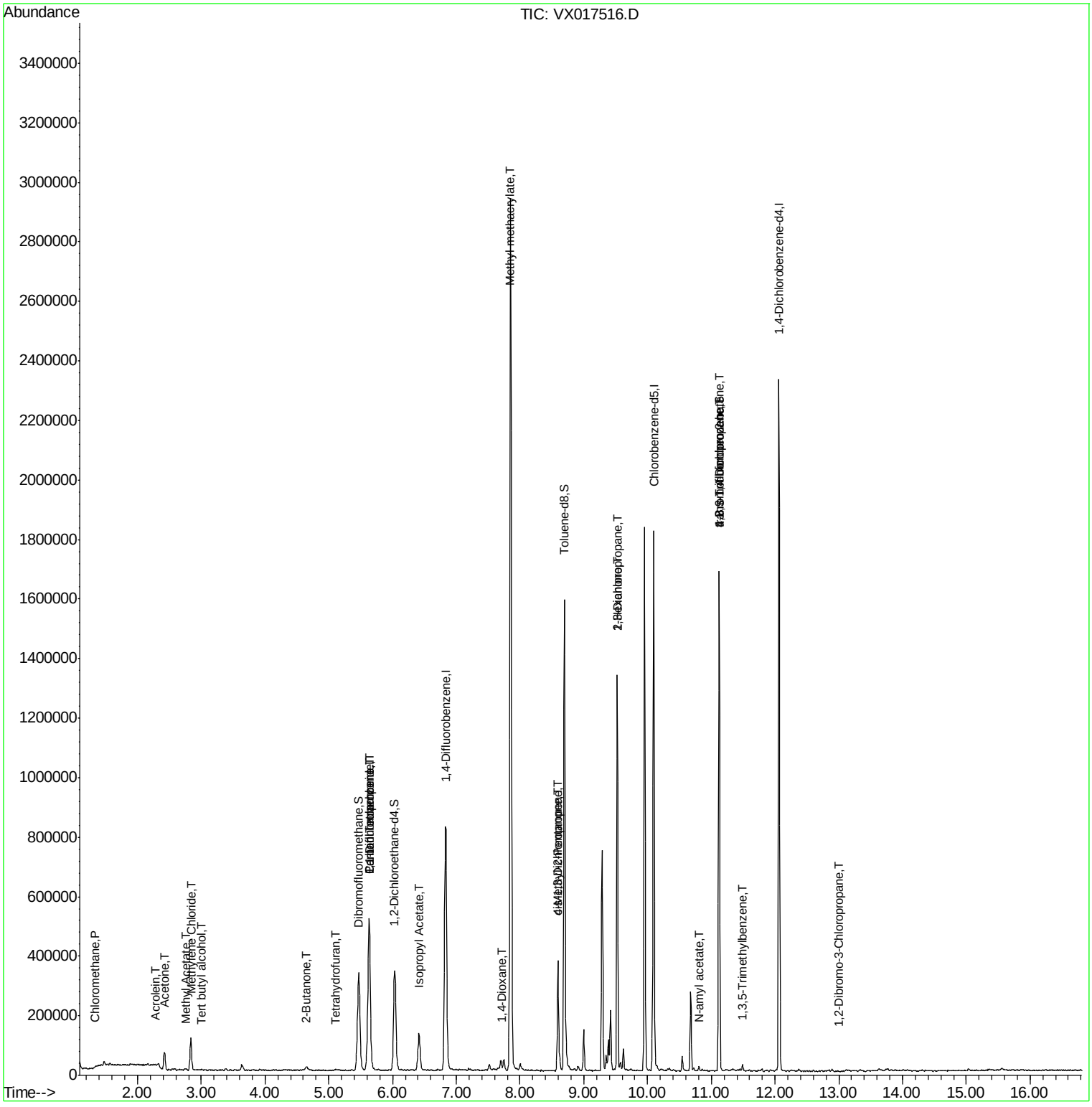
(#) = qualifier out of range (m) = manual integration (+) = signals summed

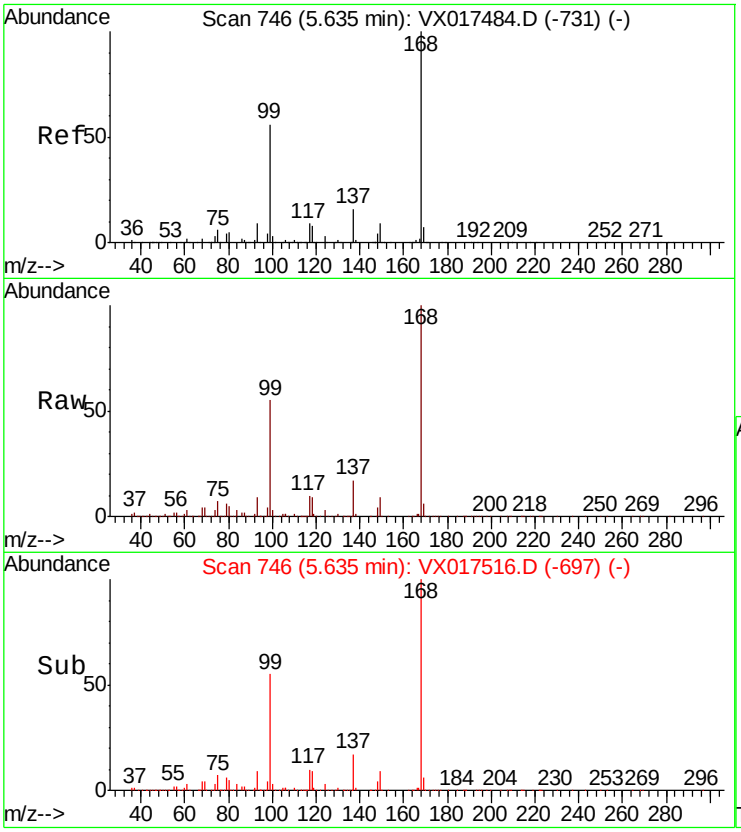
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072320\
Data File : VX017516.D
Acq On : 24 Jul 2020 01:29
Operator : JC/SP
Sample : PB130403ZHE#06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#06

Quant Time: Jul 24 06:05:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration



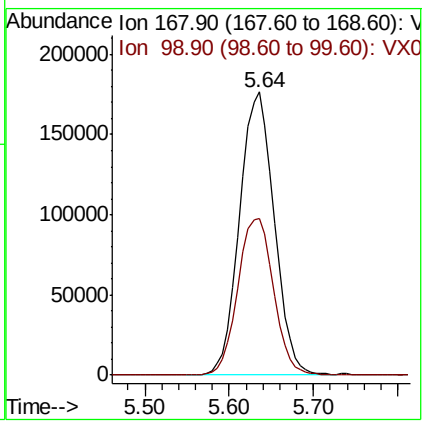


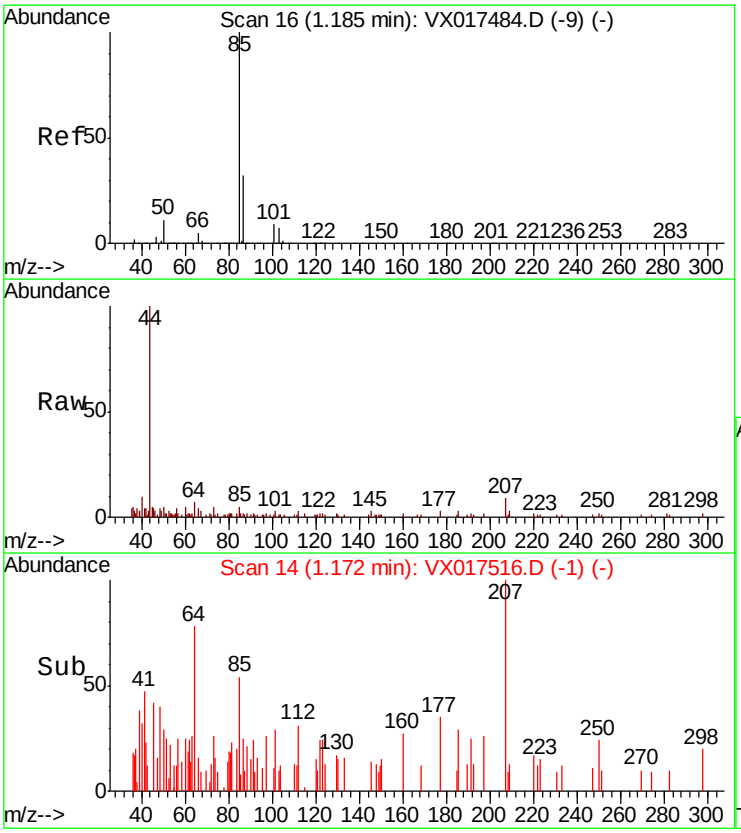
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#06

Tgt Ion:168 Resp: 492764

Ion	Ratio	Lower	Upper
168	100		
99	55.3	43.4	65.2

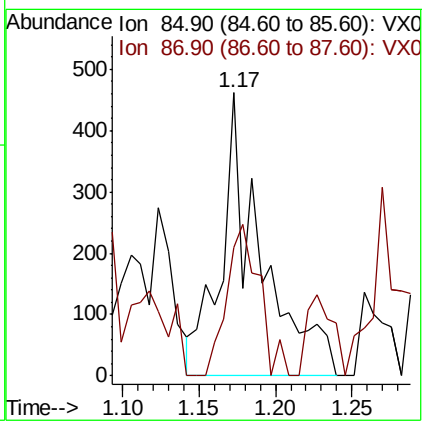


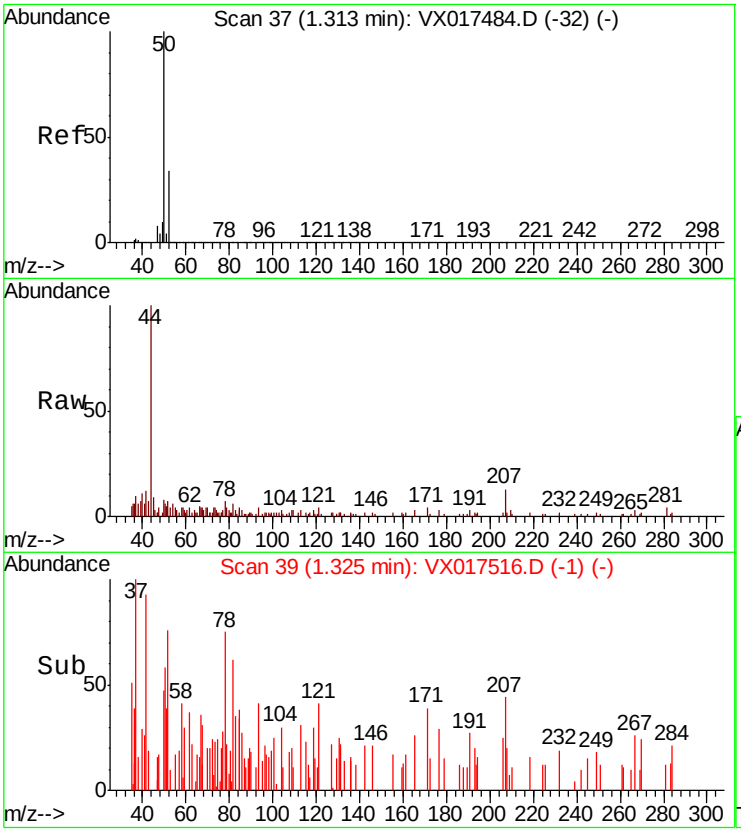


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.17 min Scan# 14
Delta R.T. -0.01 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Tgt Ion: 85 Resp: 821

Ion	Ratio	Lower	Upper
85	100		
87	52.4	16.1	48.3#



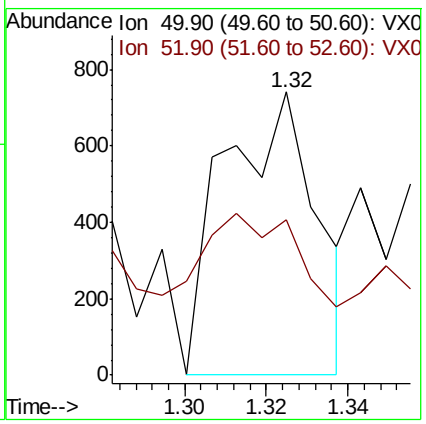


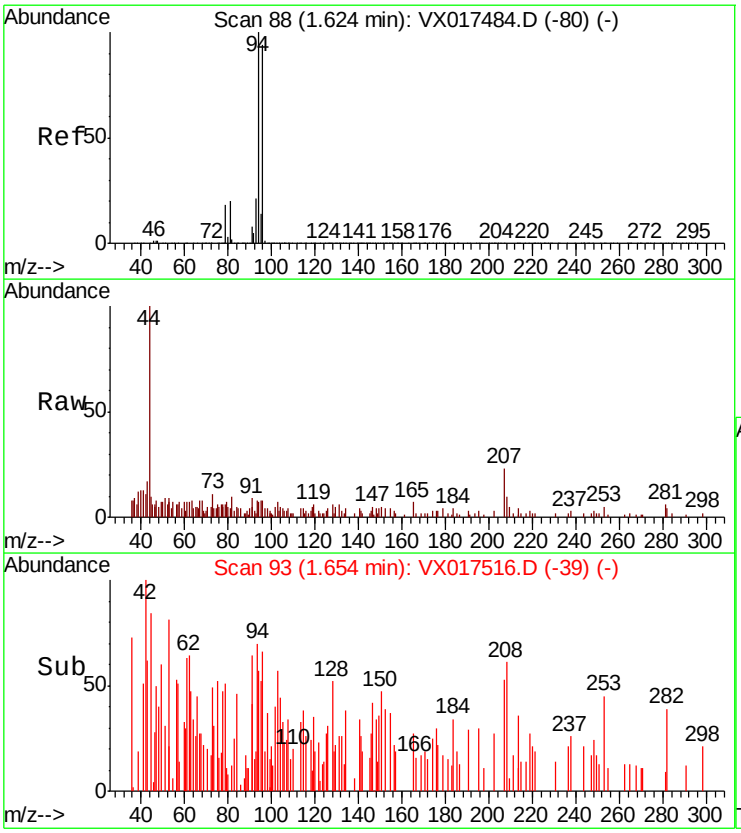
#3
Chloromethane
Concen: 0.558 ug/l
RT: 1.32 min Scan# 39
Delta R.T. 0.01 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#06

Tgt Ion: 50 Resp: 1172

Ion	Ratio	Lower	Upper
50	100		
52	30.6	25.9	38.9

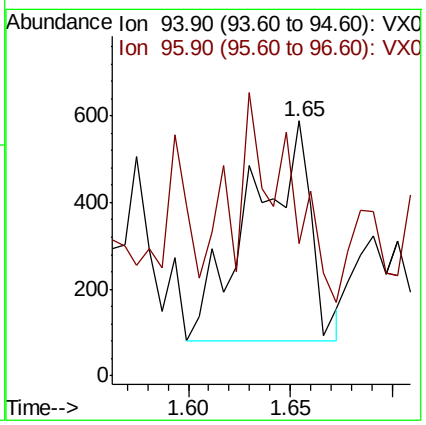


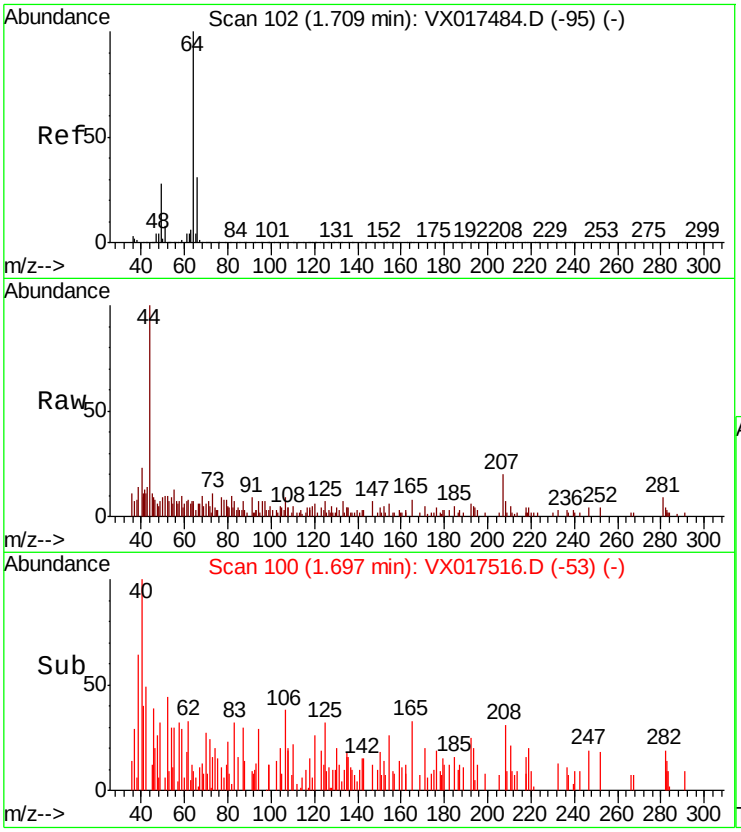


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 93
Delta R.T. 0.03 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Tgt Ion: 94 Resp: 1029

Ion	Ratio	Lower	Upper
94	100		
96	26.8	74.1	111.1#



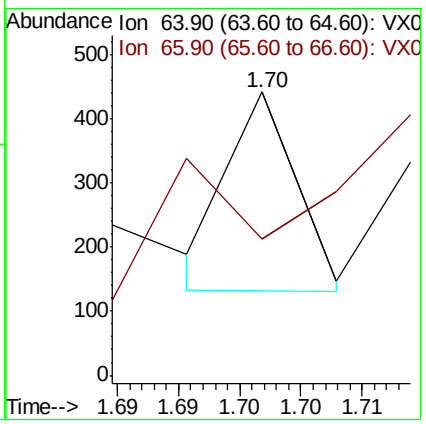


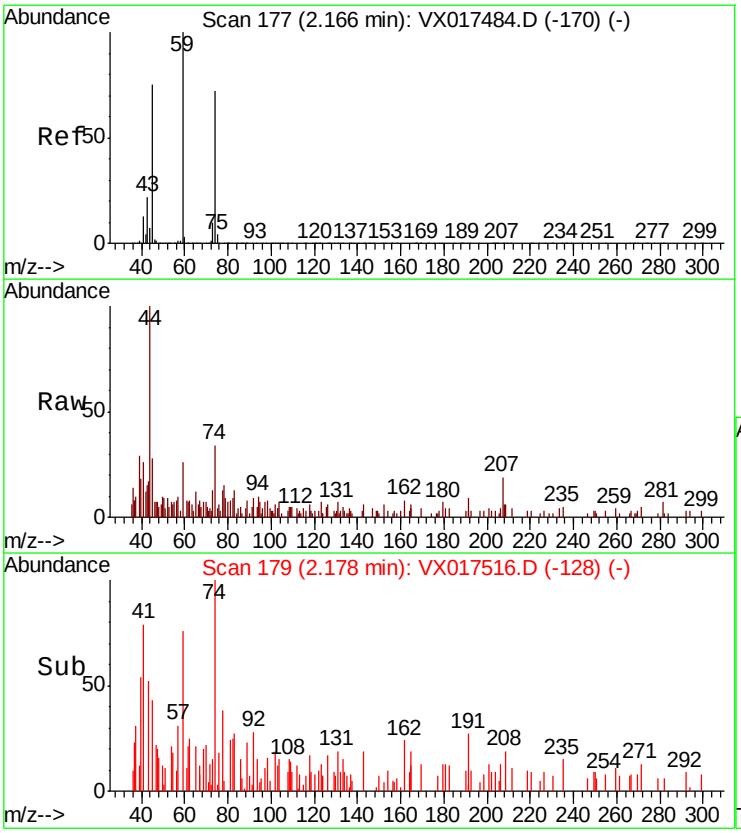
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 100
Delta R.T. -0.01 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#06

Tgt Ion: 64 Resp: 119

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.9	37.3#

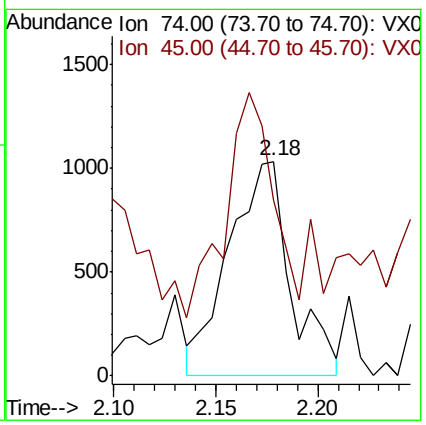


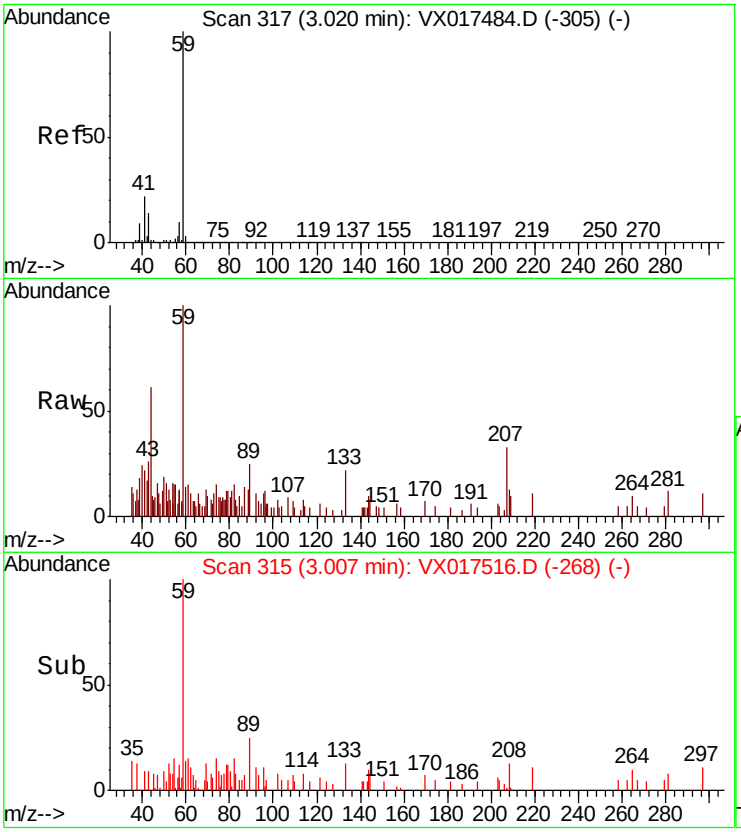


#8
Diethyl Ether
Concen: Below Cal
RT: 2.18 min Scan# 179
Delta R.T. 0.01 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Tgt Ion: 74 Resp: 2178

Ion	Ratio	Lower	Upper
74	100		
45	80.1	50.8	152.5



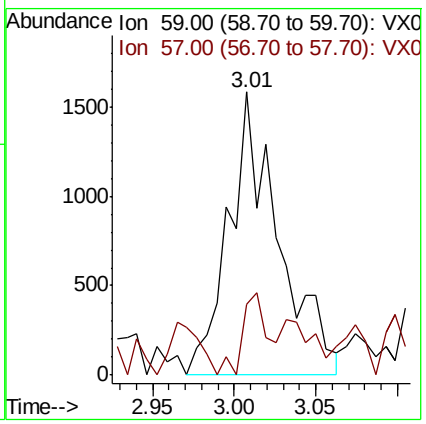


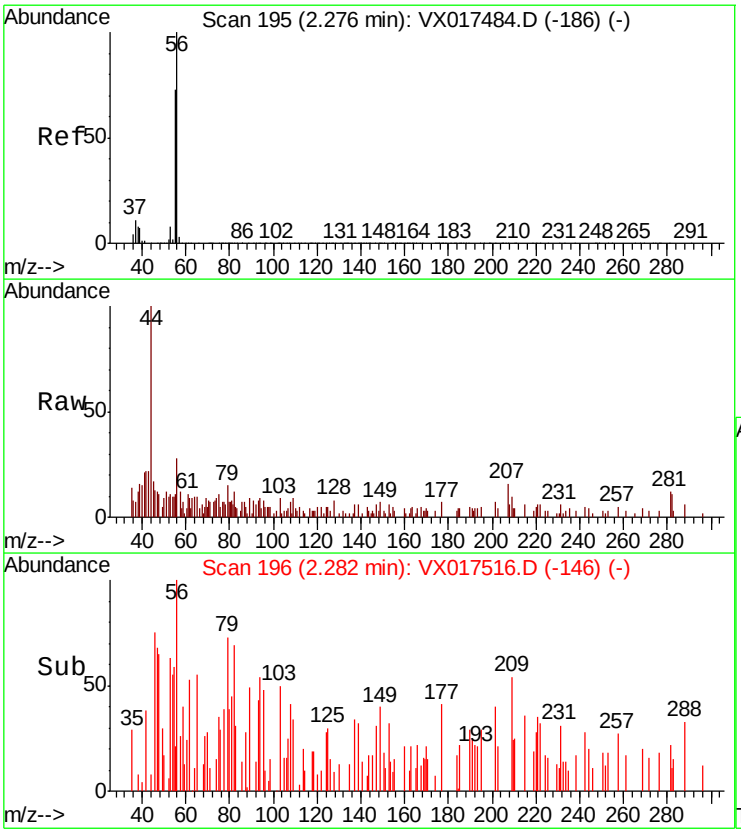
#11
Tert butyl alcohol
Concen: 2.524 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#06

Tgt Ion: 59 Resp: 3367

Ion	Ratio	Lower	Upper
59	100		
57	14.7	8.6	12.8#

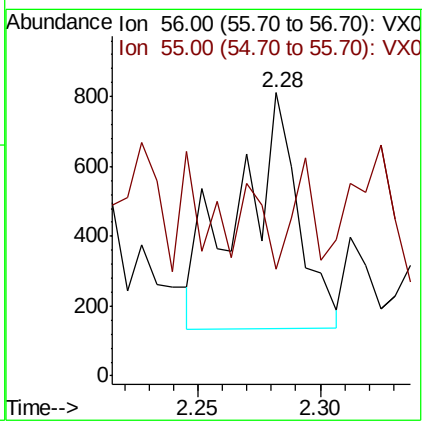


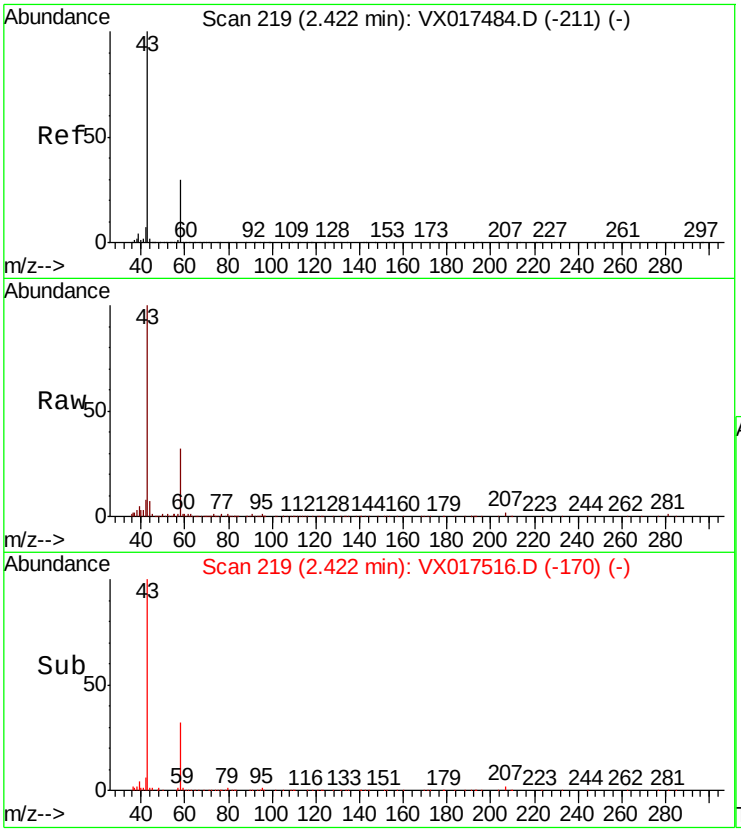


#13
Acrolein
Concen: 5.252 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Tgt Ion: 56 Resp: 1143

Ion	Ratio	Lower	Upper
56	100		
55	16.1	57.4	86.2#



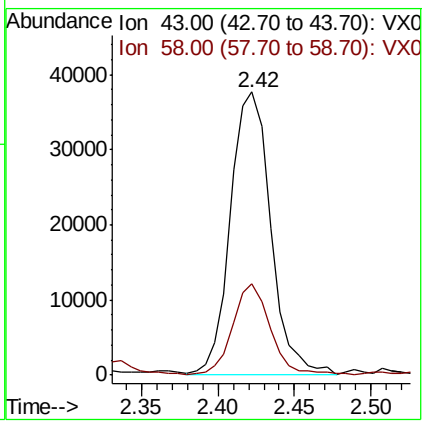


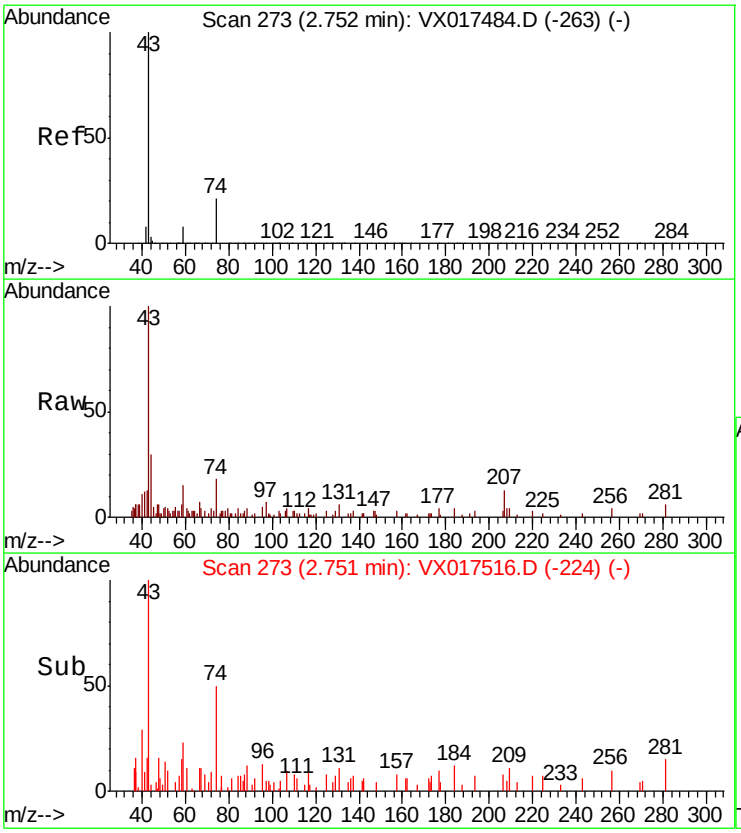
#16
Acetone
Concen: 24.765 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#06

Tgt Ion: 43 Resp: 68995

Ion	Ratio	Lower	Upper
43	100		
58	31.7	24.2	36.4

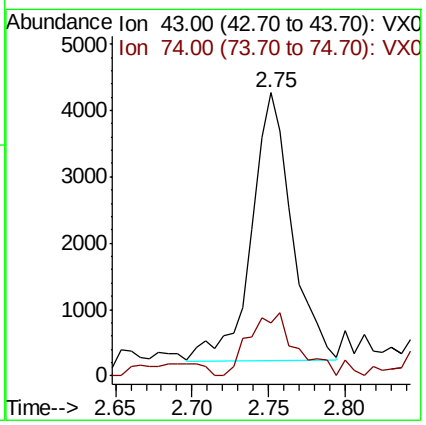


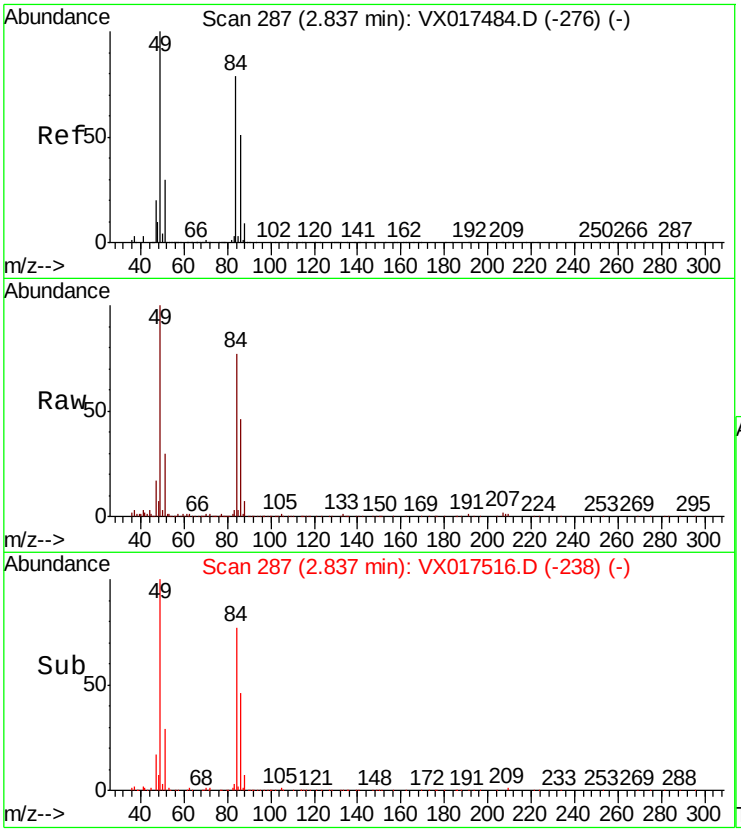


#18
Methyl Acetate
Concen: 1.128 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Tgt Ion: 43 Resp: 7399

Ion	Ratio	Lower	Upper
43	100		
74	27.2	17.5	26.3#



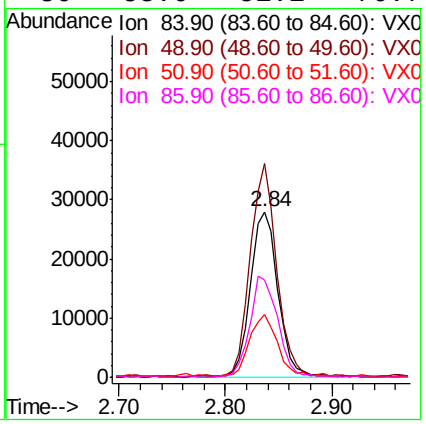


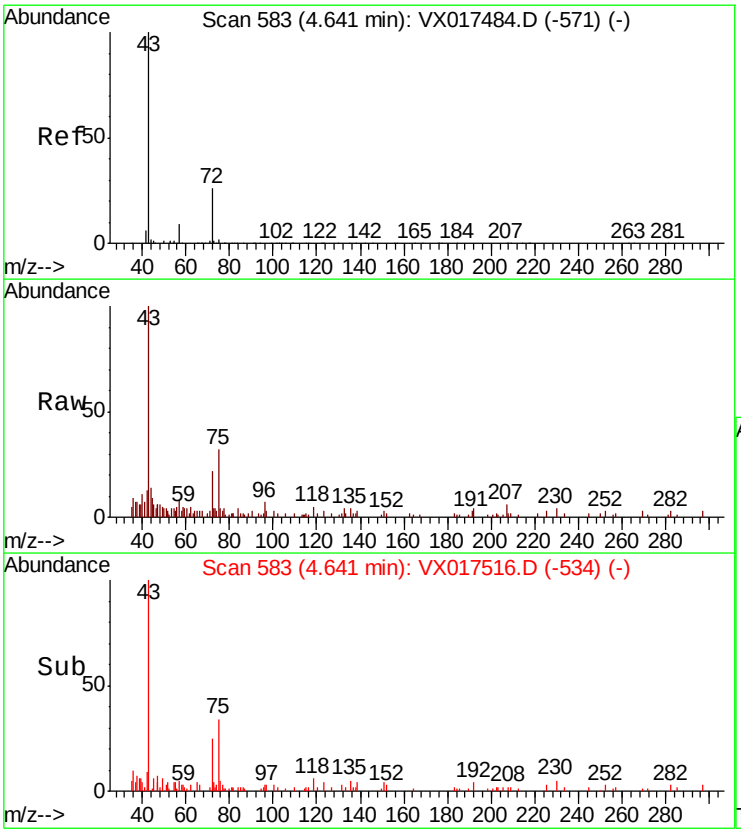
#20
Methylene Chloride
Concen: 8.711 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#06

Tgt Ion: 84 Resp: 51271

Ion	Ratio	Lower	Upper
84	100		
49	129.0	100.3	150.5
51	37.5	30.5	45.7
86	58.6	51.1	76.7

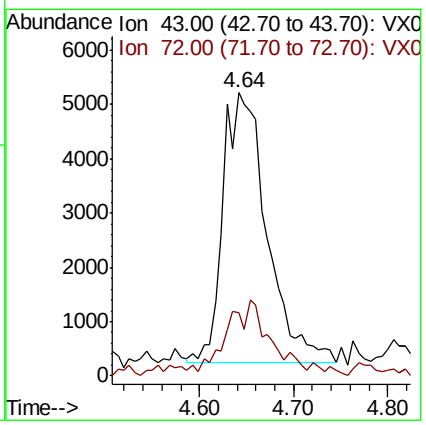


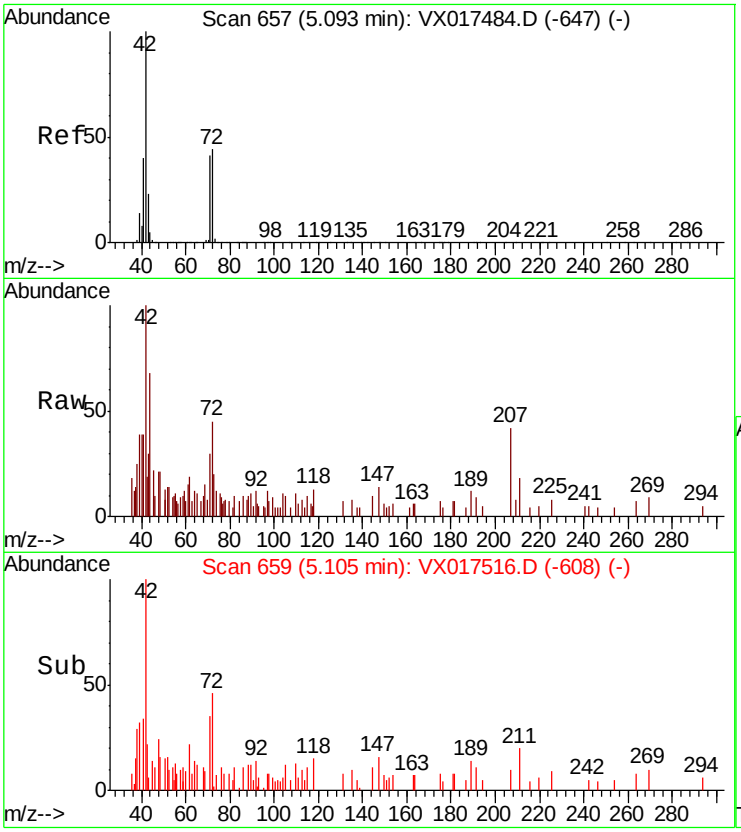


#25
2-Butanone
Concen: 4.060 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Tgt Ion: 43 Resp: 16068

Ion	Ratio	Lower	Upper
43	100		
72	21.4	19.0	28.4



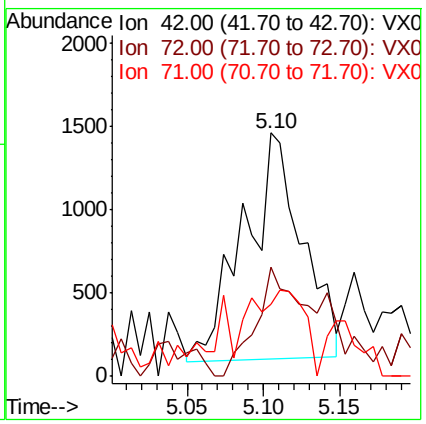


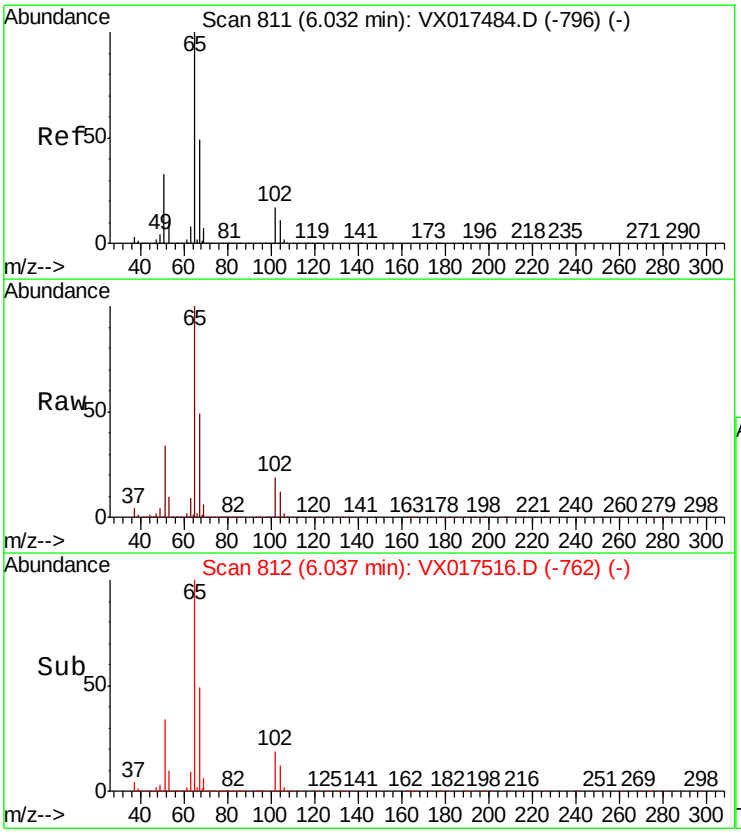
#29
Tetrahydrofuran
Concen: 1.465 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#06

Tgt Ion: 42 Resp: 3591

Ion	Ratio	Lower	Upper
42	100		
72	54.2	35.5	53.3#
71	35.2	33.0	49.4

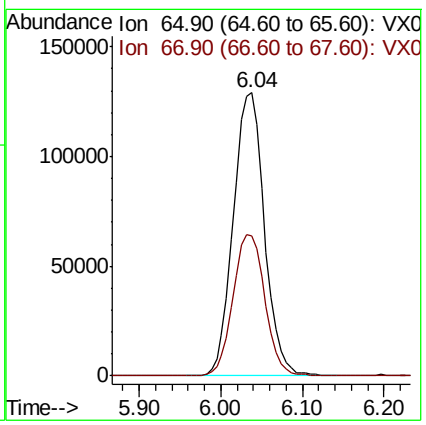


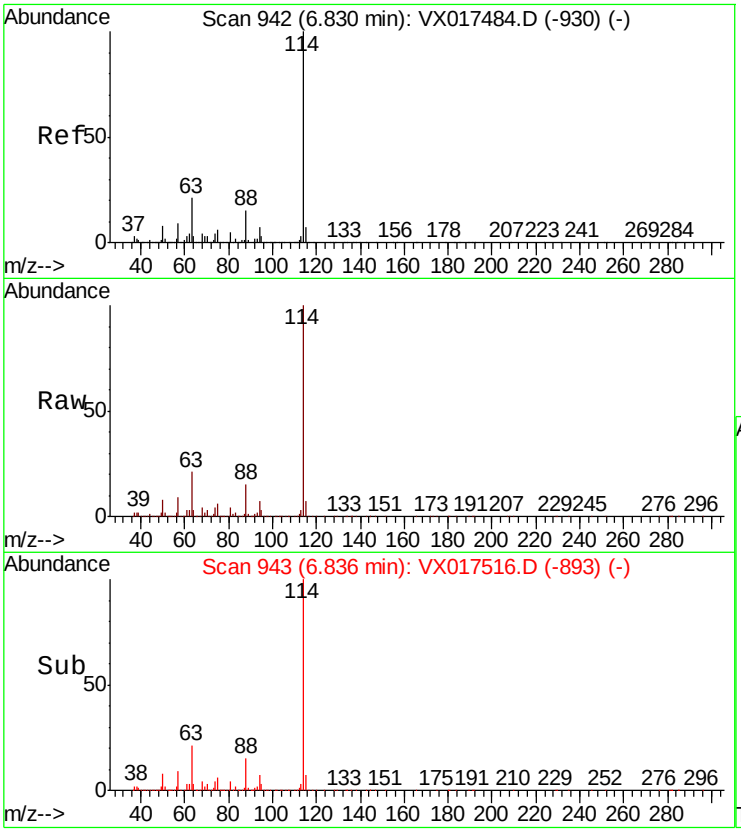


#33
1,2-Dichloroethane-d4
Concen: 53.637 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Tgt Ion: 65 Resp: 339508

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.8



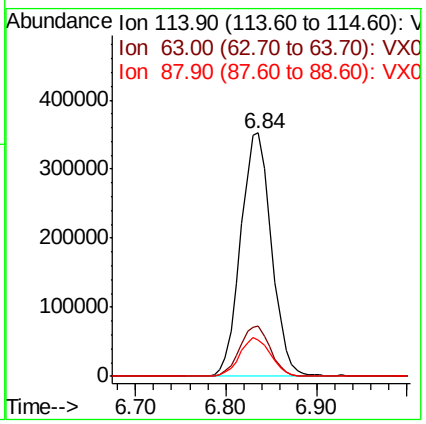


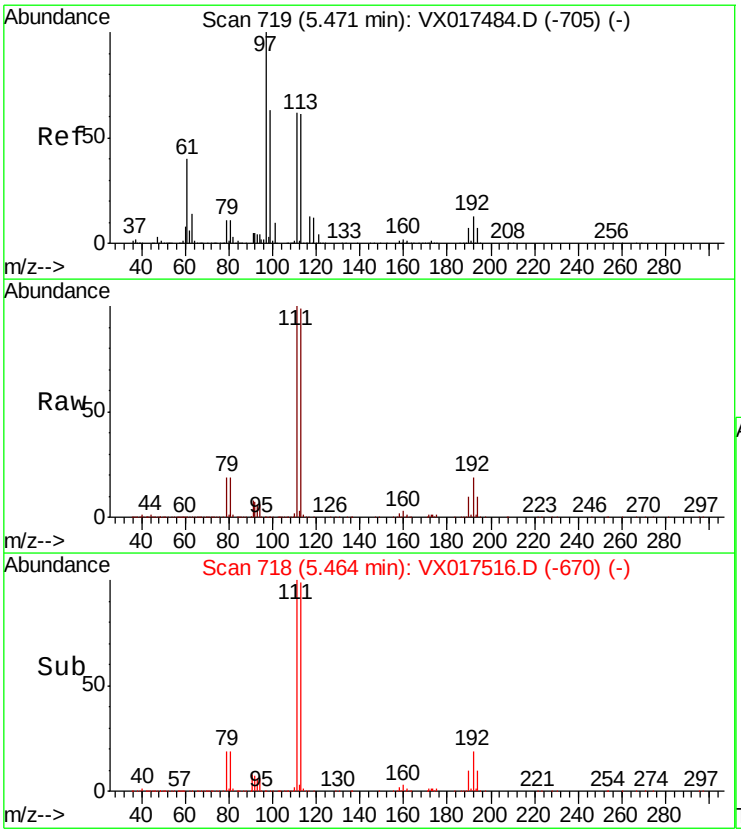
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#06

Tgt Ion:114 Resp: 829855

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.6
88	15.1	0.0	33.4

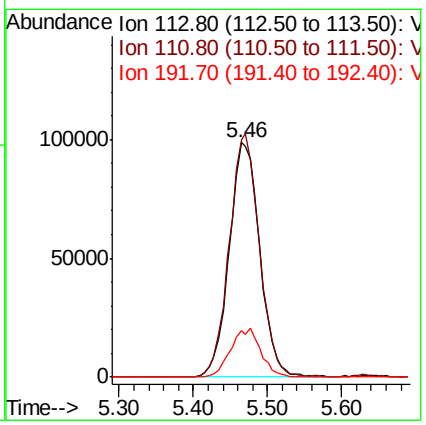


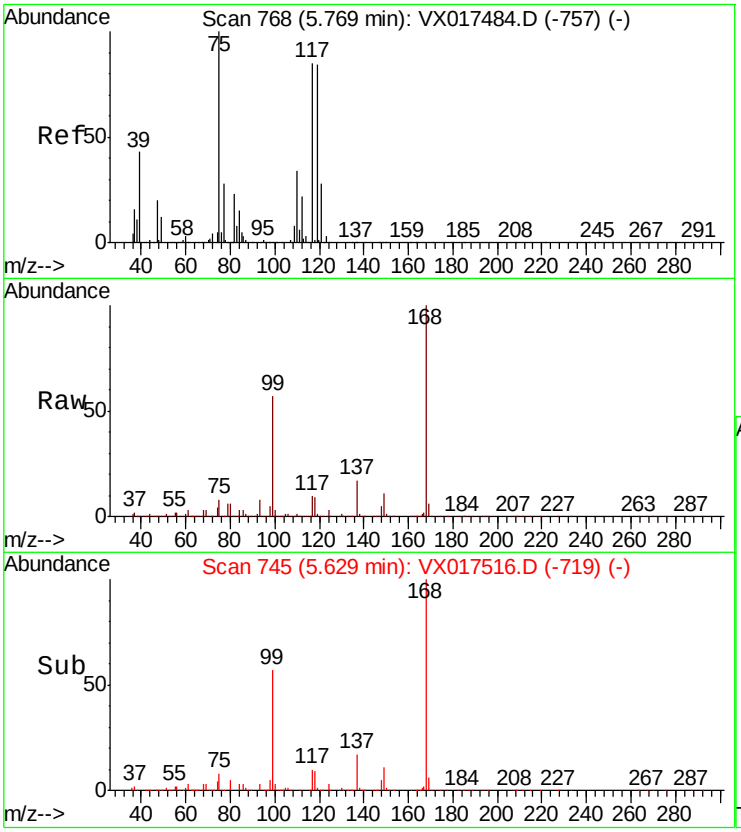


#35
Dibromofluoromethane
Concen: 50.944 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Tgt Ion:113 Resp: 282746

Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.7	121.1
192	20.7	16.9	25.3



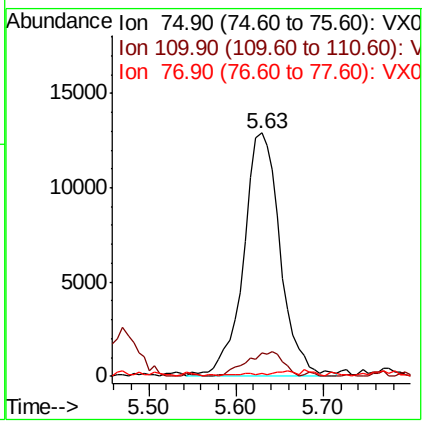


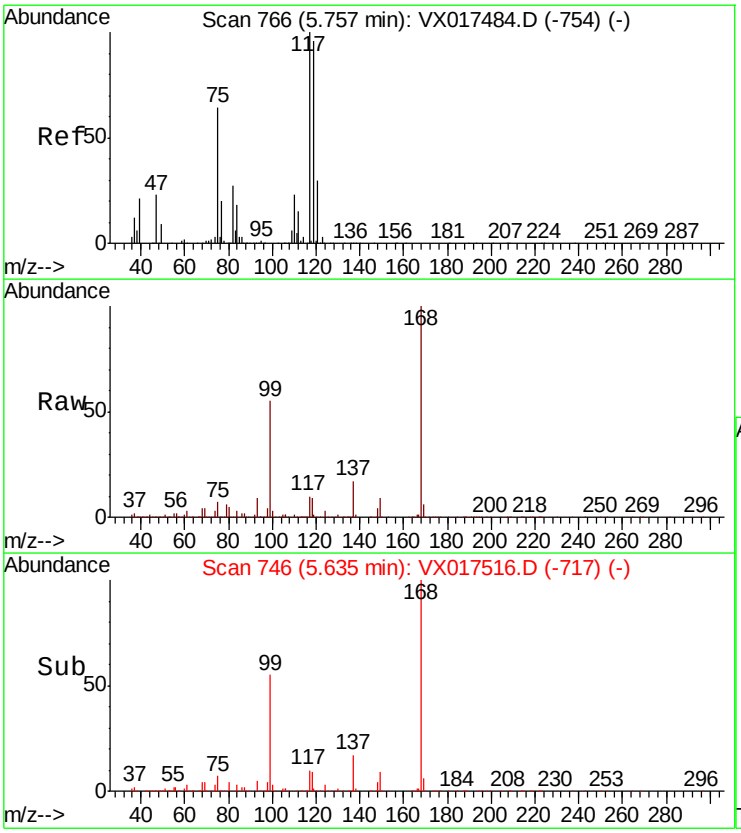
#36
1,1-Dichloropropene
Concen: 4.664 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#06

Tgt Ion: 75 Resp: 37122

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.3#
77	1.0	24.6	37.0#

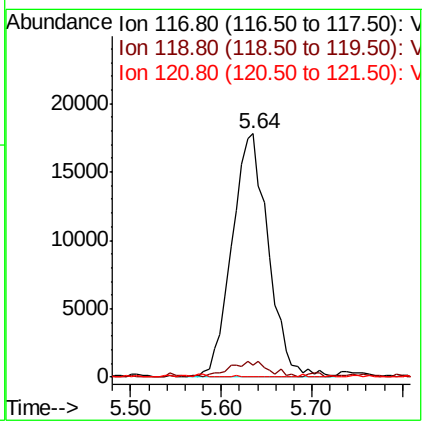


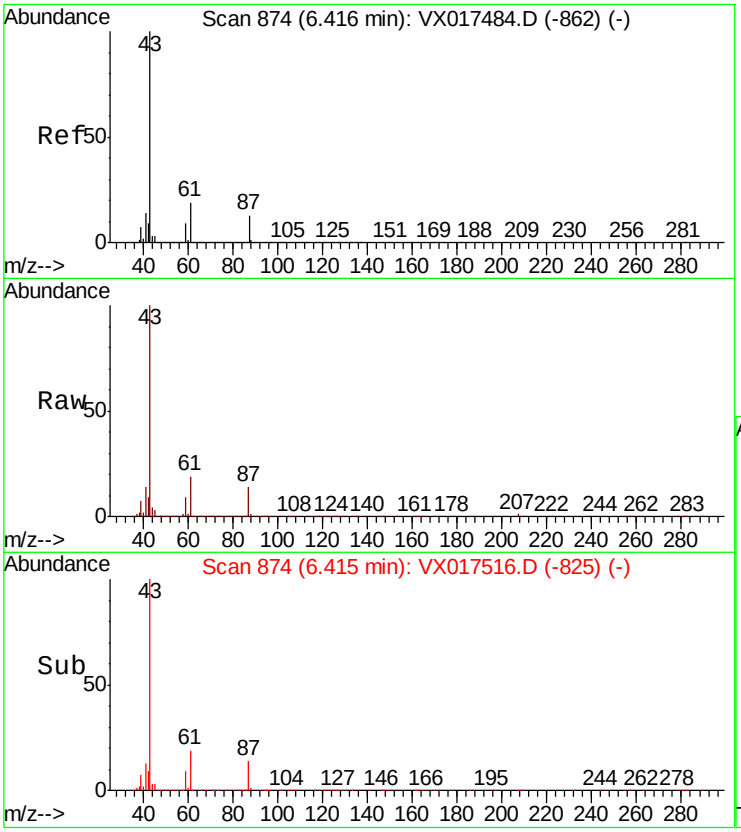


#38
Carbon Tetrachloride
Concen: 5.124 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Tgt Ion:117 Resp: 49522

Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.4	113.0#
121	0.0	24.3	36.5#



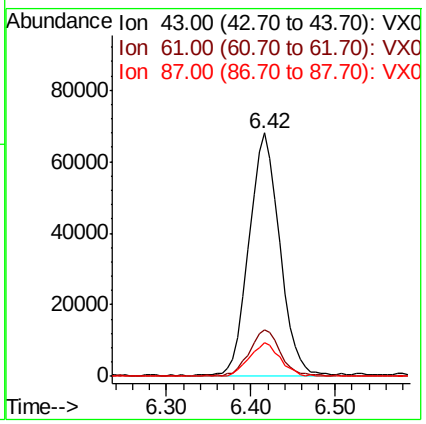


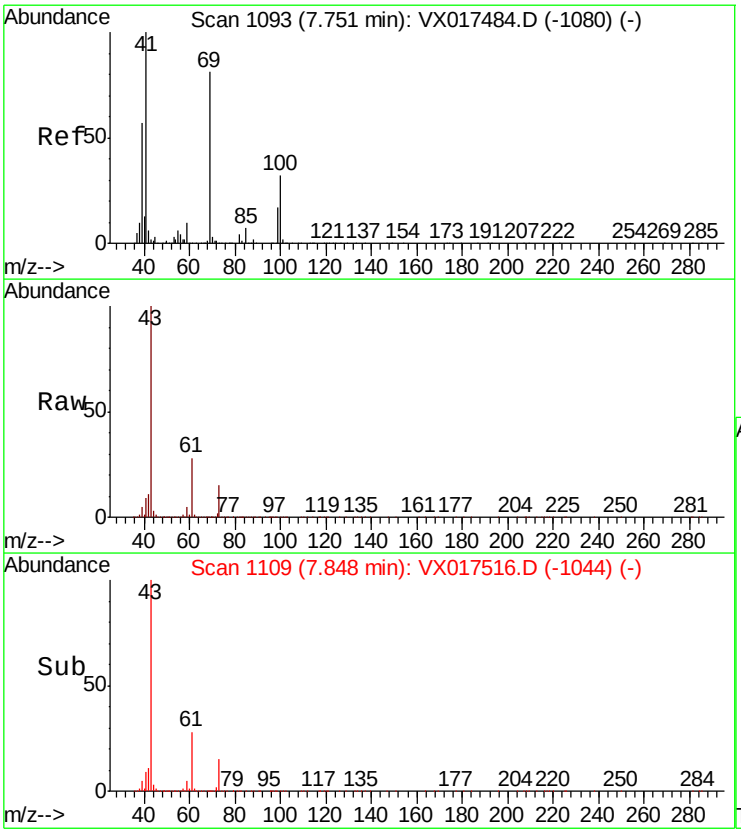
#43
Isopropyl Acetate
Concen: 11.719 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#06

Tgt Ion: 43 Resp: 168379

Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.5	23.3
87	13.9	10.5	15.7

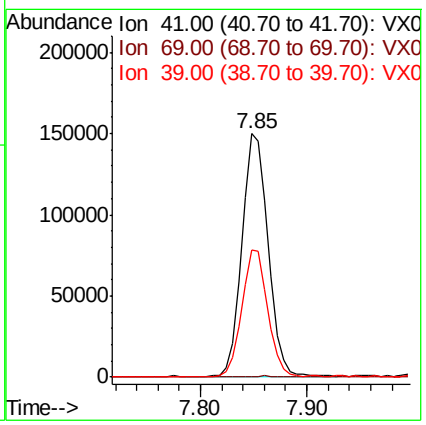


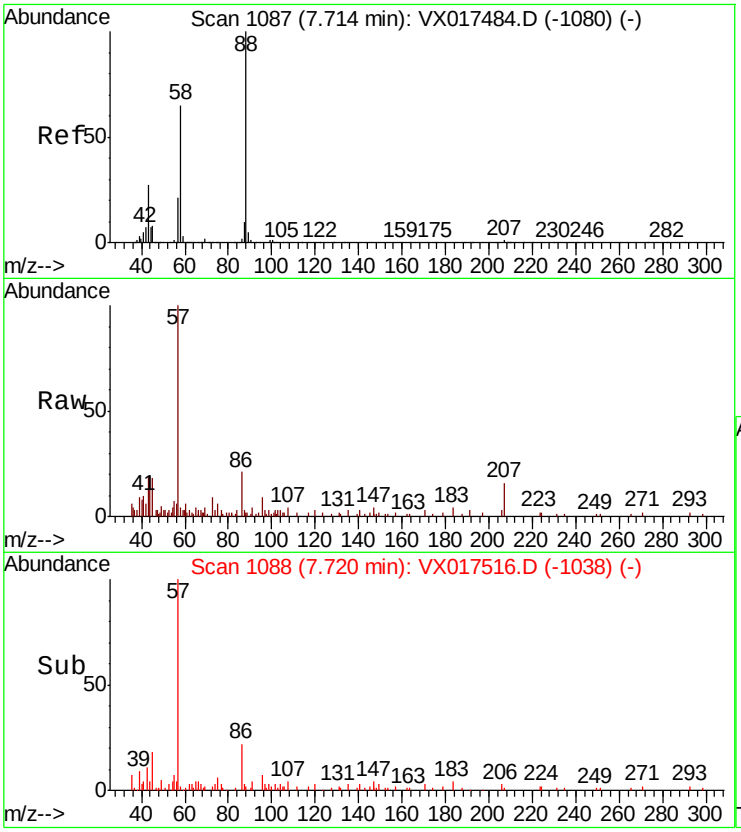


#48
Methyl methacrylate
Concen: 36.244 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.10 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Tgt Ion: 41 Resp: 258139

Ion	Ratio	Lower	Upper
41	100		
69	0.1	63.1	94.7#
39	52.0	45.1	67.7



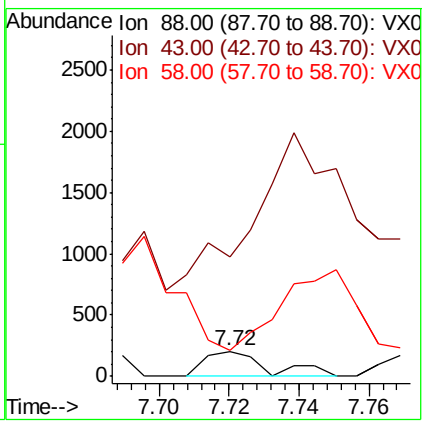


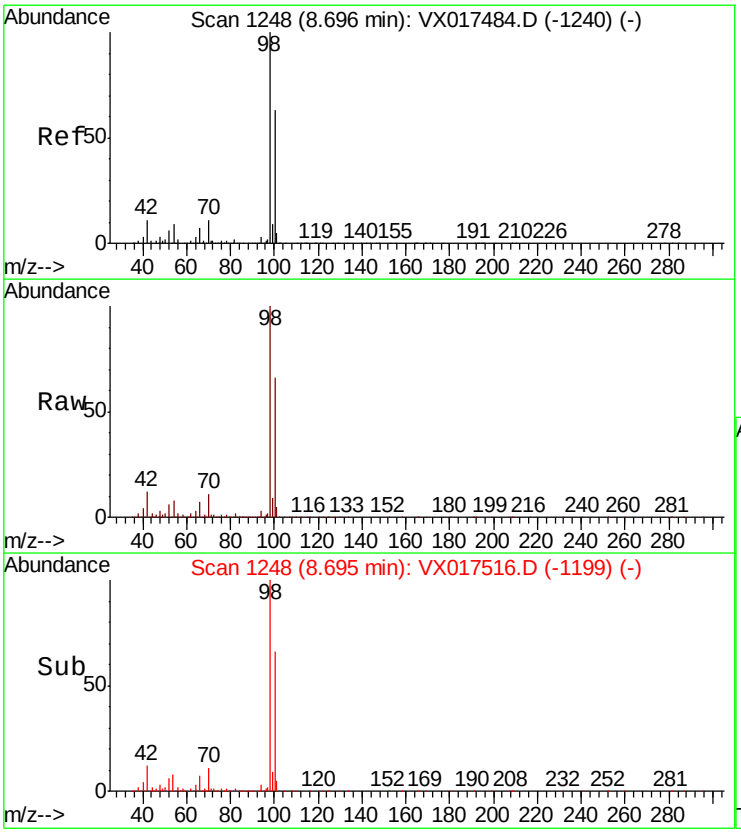
#49
1,4-Dioxane
Concen: 1.897 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#06

Tgt Ion: 88 Resp: 259

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.8	41.6#
58	0.0	58.3	87.5#

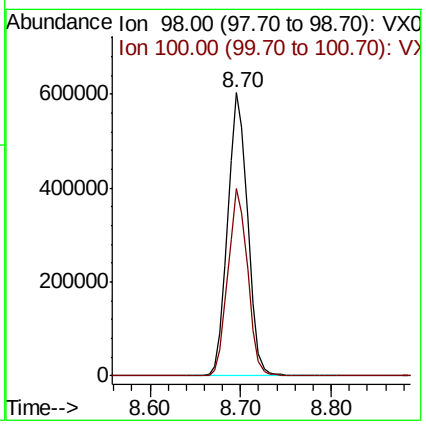


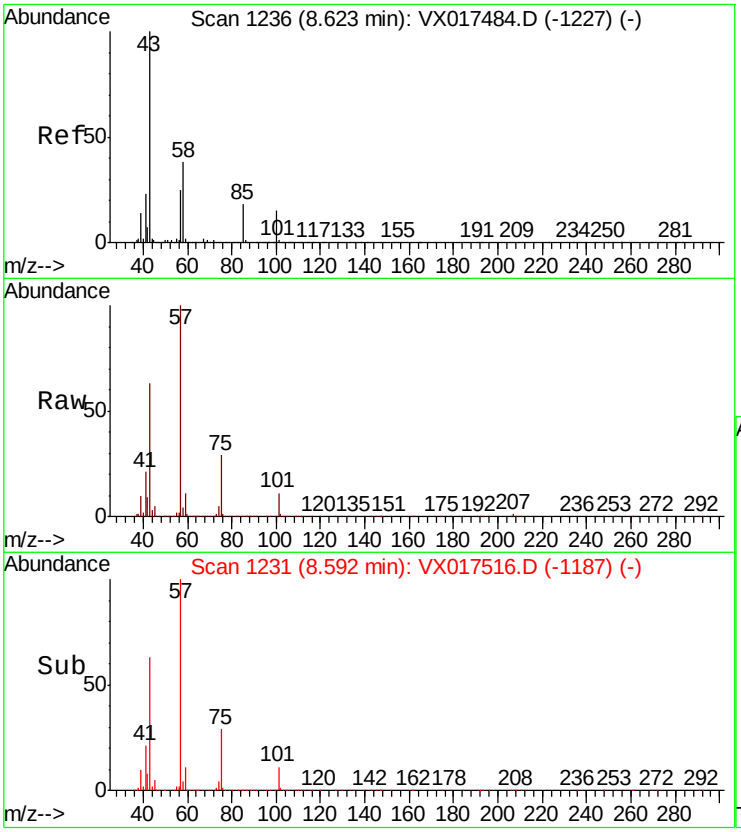


#50
Toluene-d8
Concen: 45.969 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Tgt Ion: 98 Resp: 920382

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.3	78.5



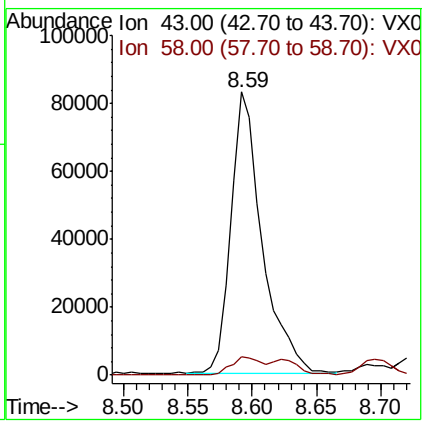


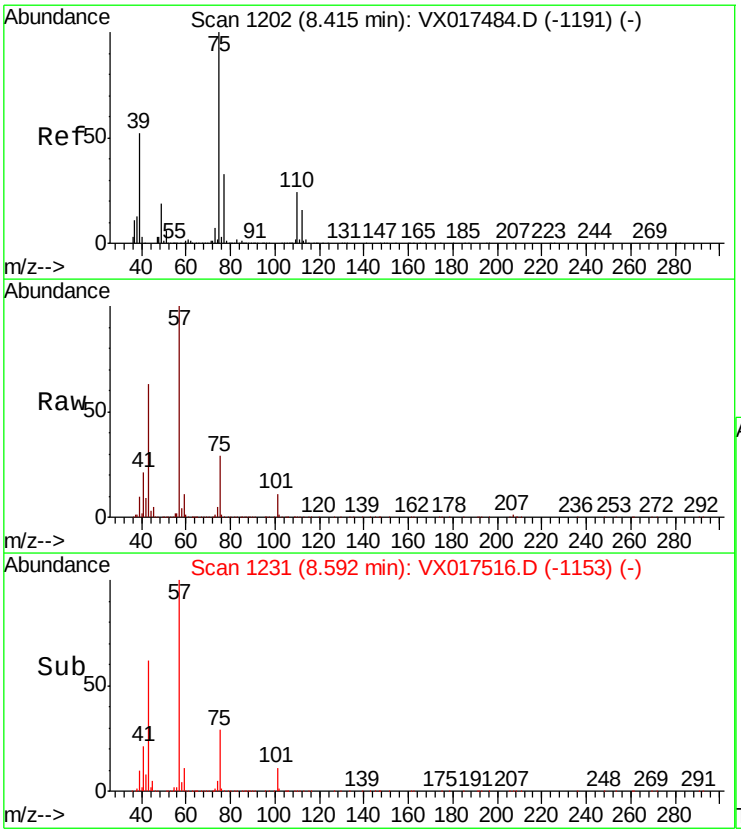
#51
4-Methyl-2-Pentanone
Concen: 16.452 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#06

Tgt Ion: 43 Resp: 141047

Ion	Ratio	Lower	Upper
43	100		
58	6.2	31.0	46.4#

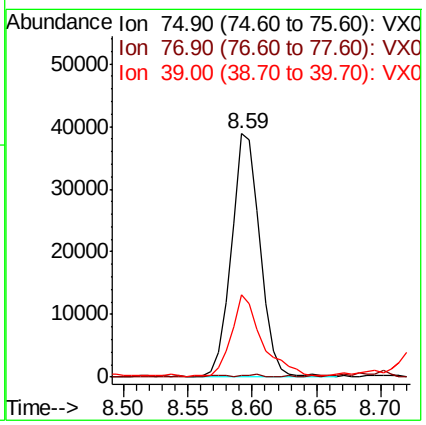


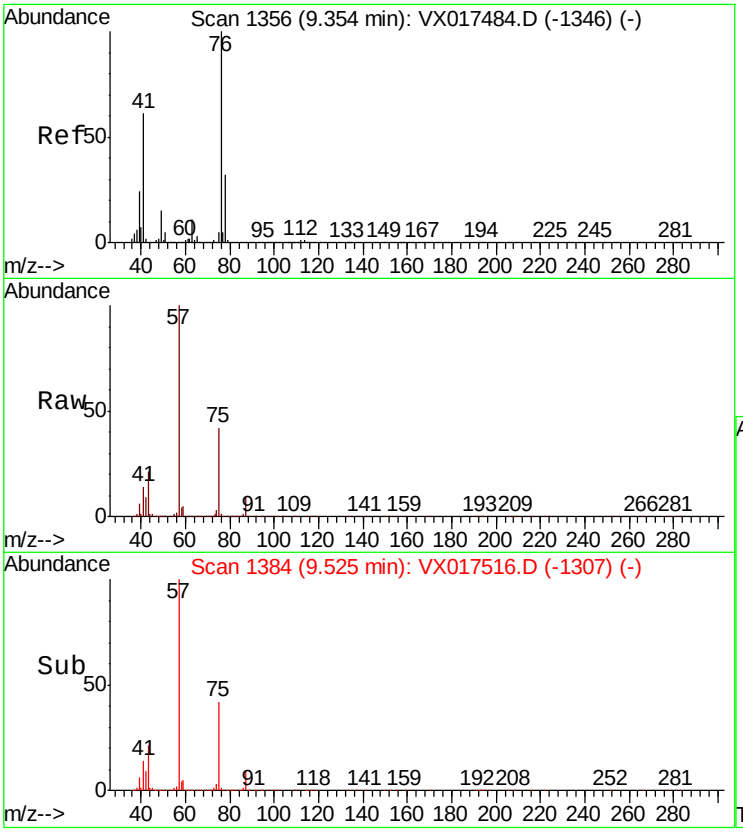


#54
cis-1,3-Dichloropropene
Concen: 5.786 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Tgt Ion: 75 Resp: 59428

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.5	38.3#
39	33.6	41.8	62.8#



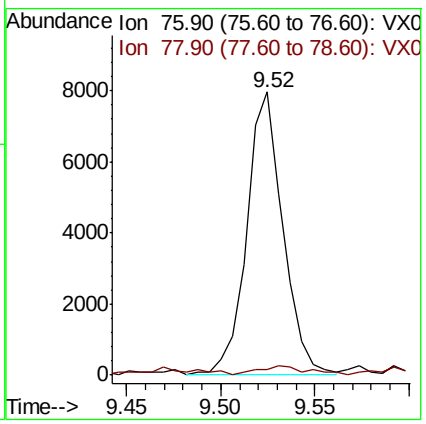


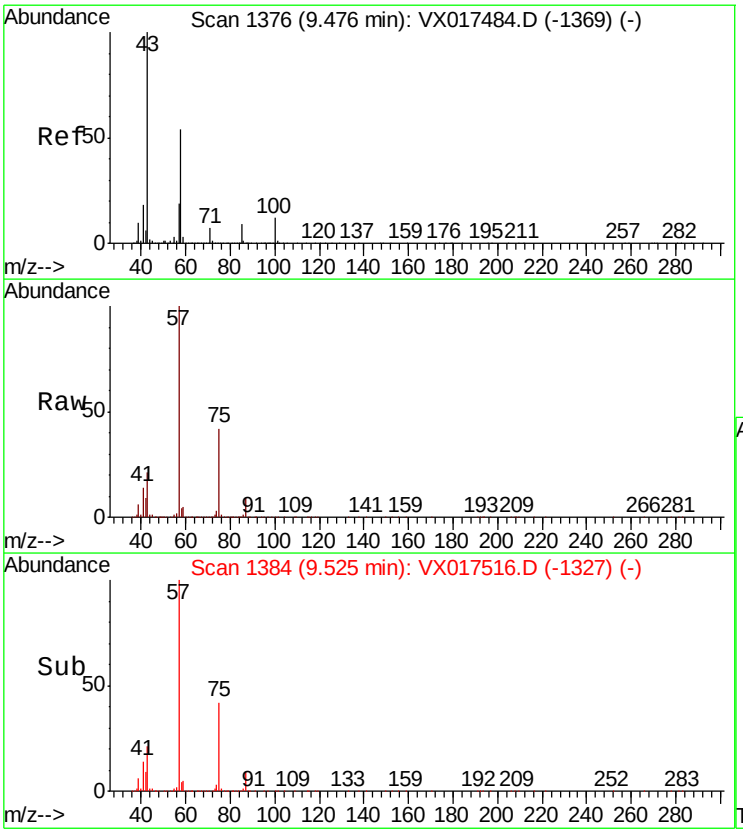
#57
1,3-Dichloropropane
Concen: 1.057 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#06

Tgt Ion: 76 Resp: 10615

Ion	Ratio	Lower	Upper
76	100		
78	4.6	25.8	38.8#

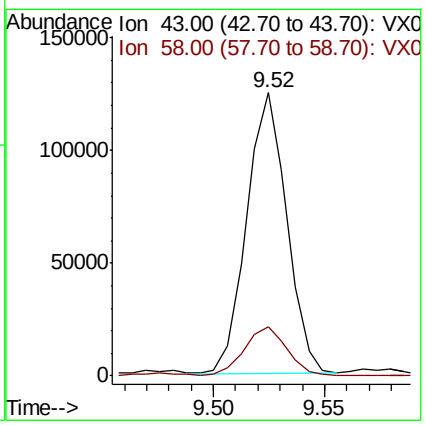


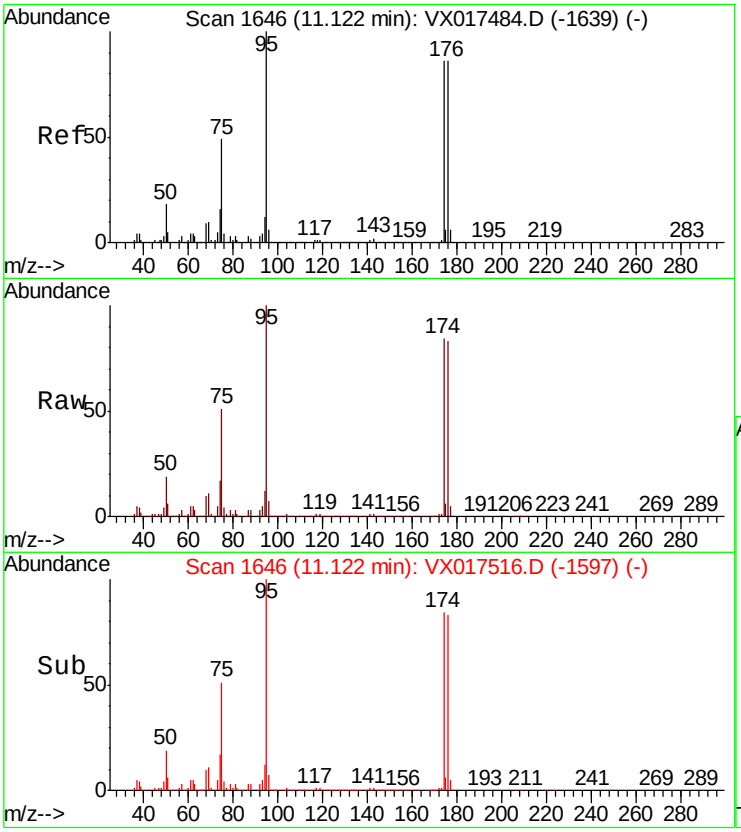


#59
2-Hexanone
Concen: 24.107 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Tgt Ion: 43 Resp: 155599

Ion	Ratio	Lower	Upper
43	100		
58	19.1	26.6	79.8#



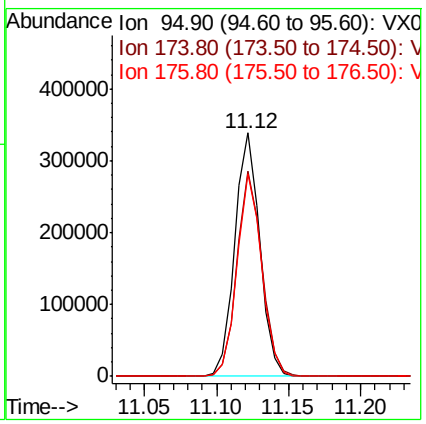


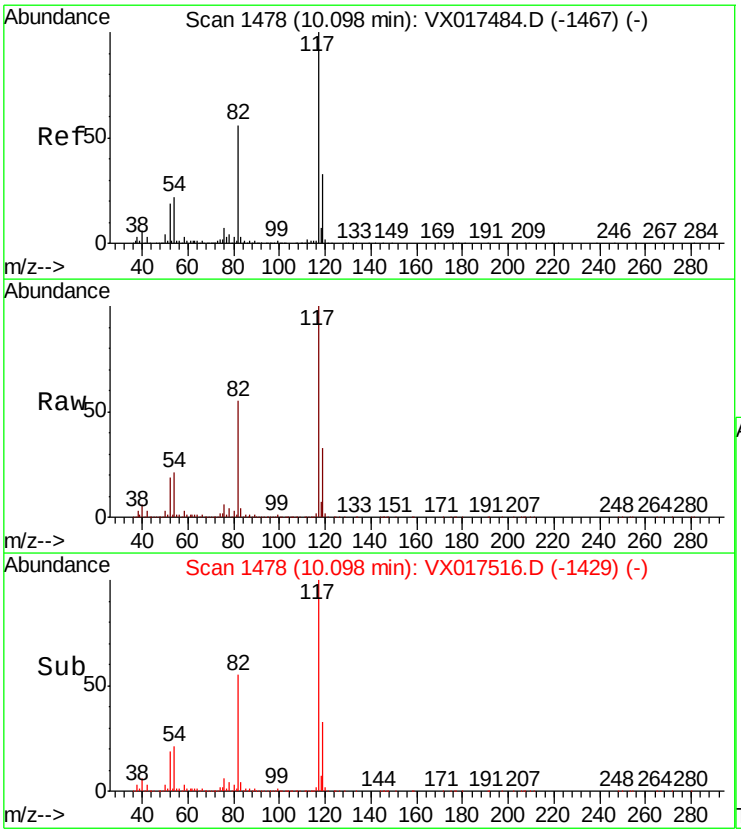
#62
4-Bromofluorobenzene
Concen: 51.248 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#06

Tgt Ion: 95 Resp: 410640

Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	169.0
176	82.1	0.0	161.0

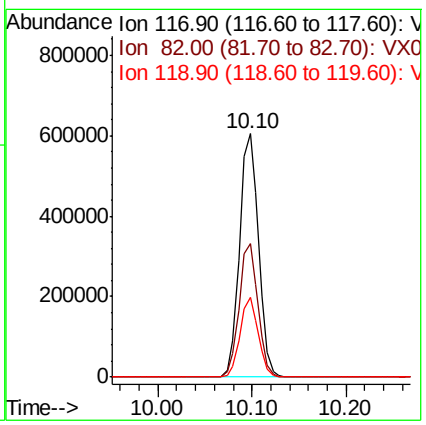


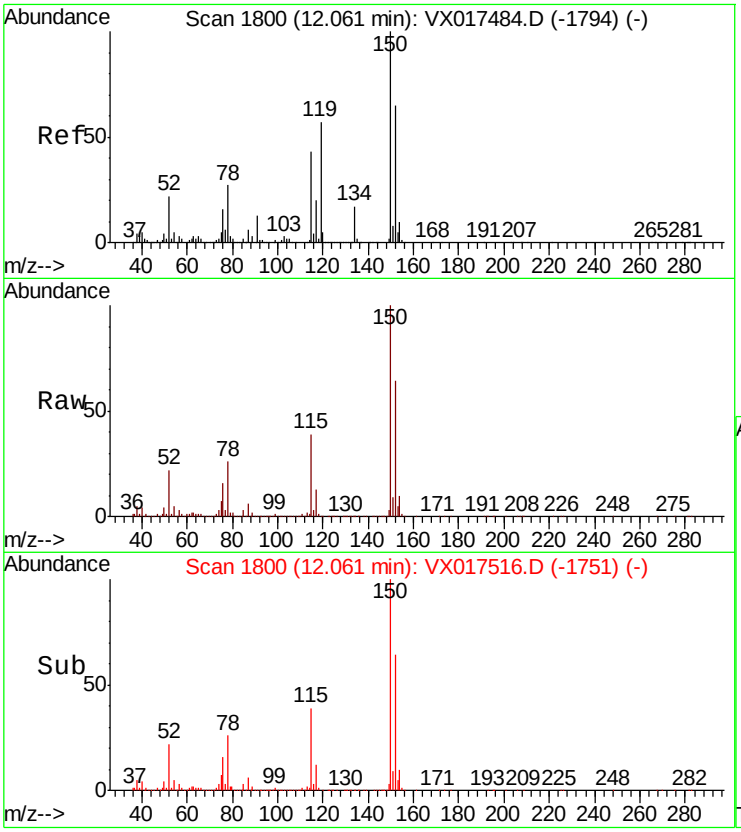


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Tgt Ion:117 Resp: 841847

Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.0	66.0
119	32.8	25.4	38.0



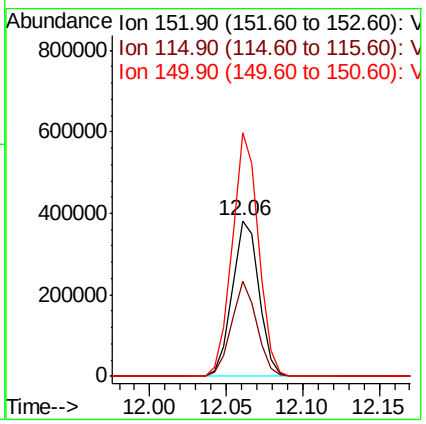


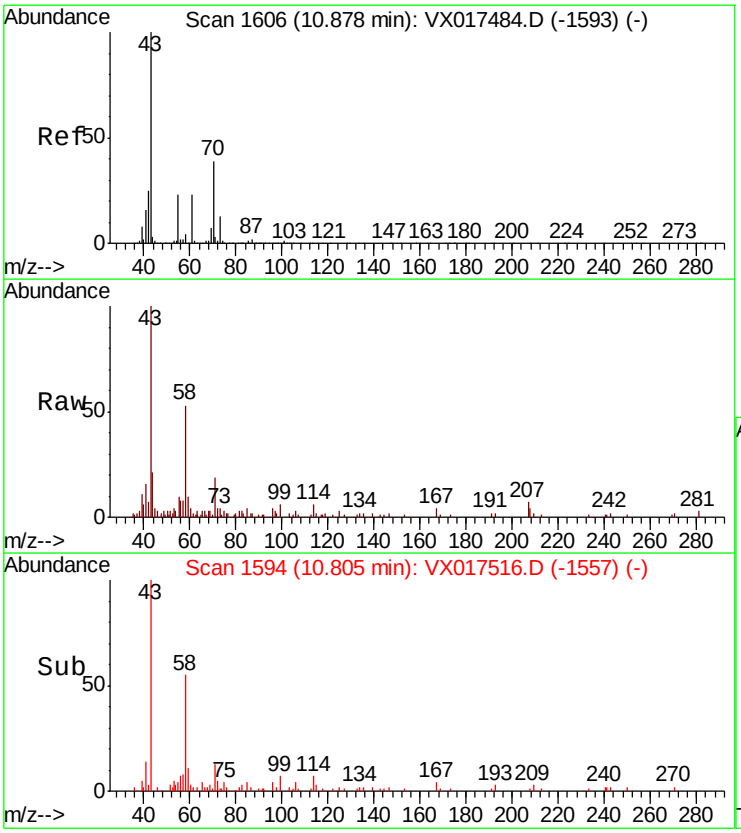
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Instrument : MSVOA_X
ClientSampleId : PB130403ZHE#06

Tgt Ion:152 Resp: 462872

Ion	Ratio	Lower	Upper
152	100		
115	57.5	65.5	196.6#
150	153.5	0.0	412.6

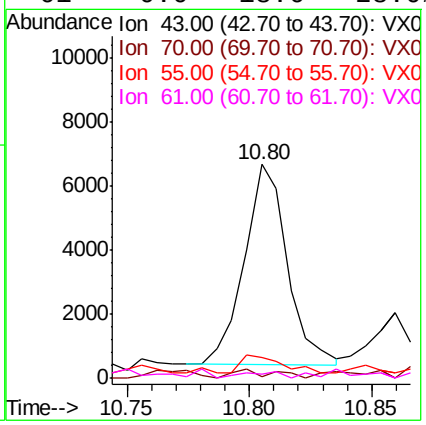


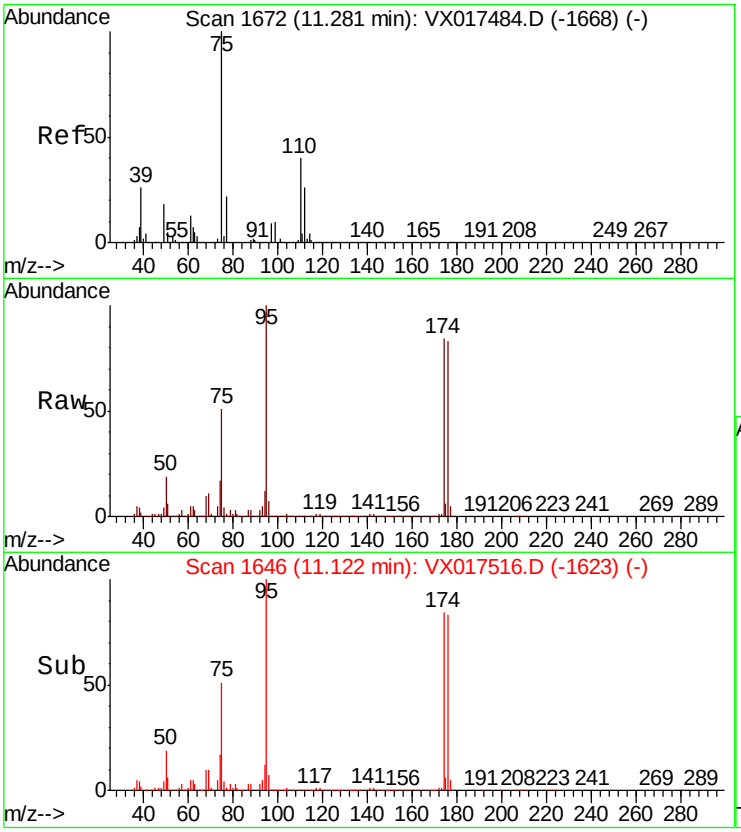


#74
N-amyl acetate
Concen: 0.544 ug/l
RT: 10.80 min Scan# 1594
Delta R.T. -0.07 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Tgt Ion: 43 Resp: 7681

Ion	Ratio	Lower	Upper
43	100		
70	4.1	32.3	48.5#
55	10.1	18.4	27.6#
61	0.0	18.6	28.0#



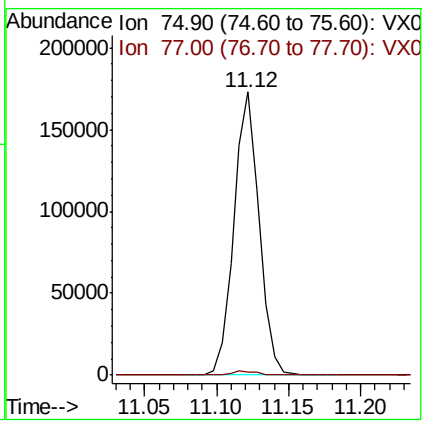


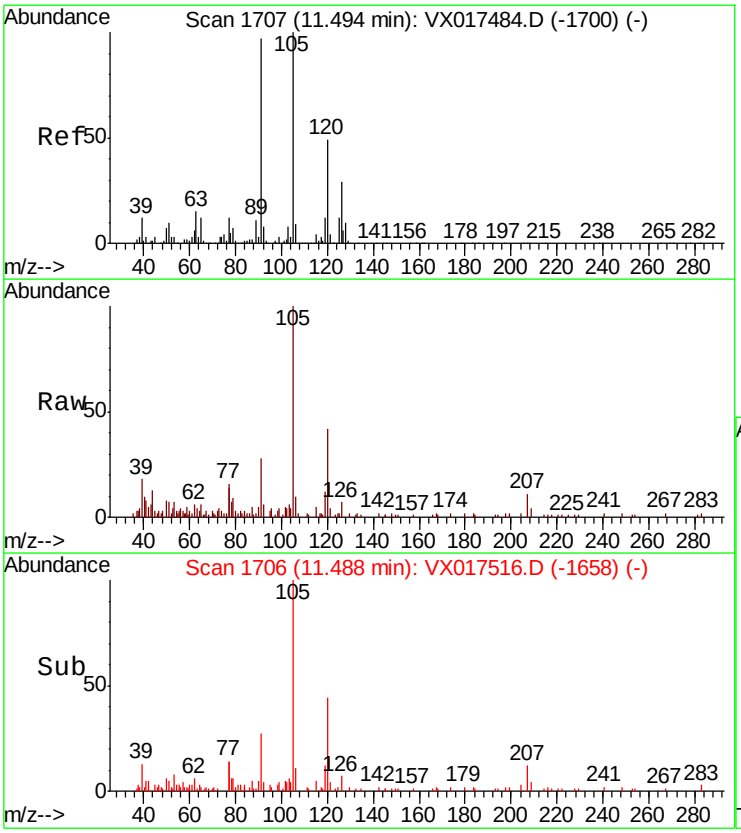
#76
1,2,3-Trichloropropane
Concen: 22.058 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#06

Tgt Ion: 75 Resp: 210029

Ion	Ratio	Lower	Upper
75	100		
77	1.6	21.8	65.3#

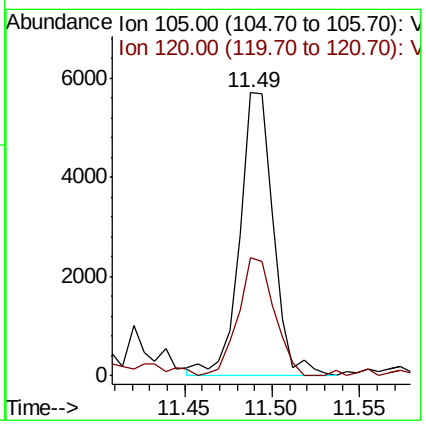


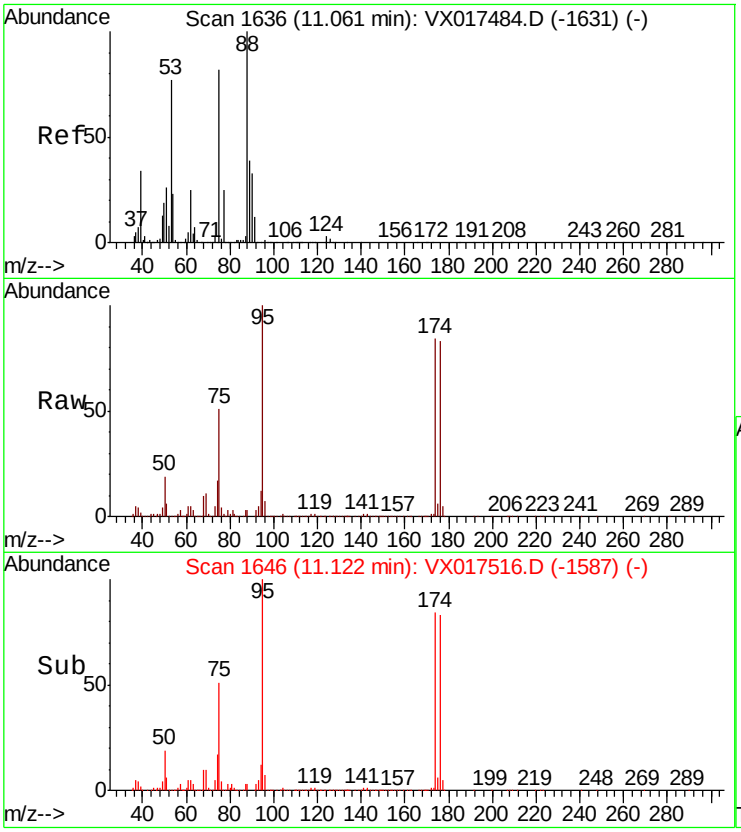


#80
1,3,5-Trimethylbenzene
Concen: 0.282 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Tgt Ion:105 Resp: 7658

Ion	Ratio	Lower	Upper
105	100		
120	44.9	24.1	72.3



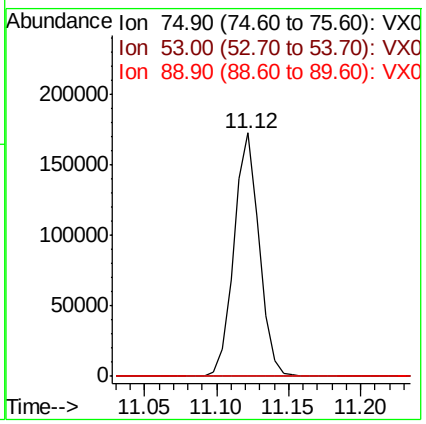


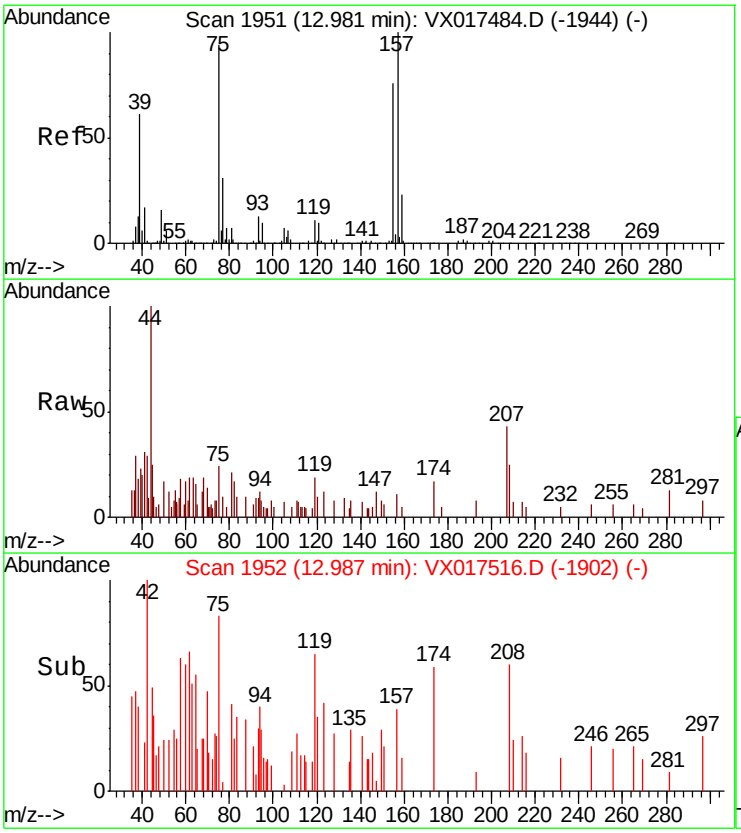
#81
trans-1,4-Dichloro-2-butene
Concen: 55.582 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#06

Tgt Ion: 75 Resp: 210029

Ion	Ratio	Lower	Upper
75	100		
53	0.1	75.9	113.9#
89	0.0	37.8	56.6#





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.742 ug/l
RT: 12.99 min Scan# 1952
Delta R.T. 0.01 min
Lab File: VX017516.D
Acq: 24 Jul 2020 01:29

Tgt Ion: 75 Resp: 488

Ion	Ratio	Lower	Upper
75	100		
155	0.0	42.3	126.8#
157	25.4	54.3	162.9#