Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072919\
Data File : VX011183.D
Acq On : 30 Jul 2019 07:00
Operator : JC/SP
Sample : PB121753ZHE#06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#06

Quant Time: Jul 30 08:10:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	182959	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	296019	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	290000	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131106	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	102621	52.72	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.44%				
35) Dibromofluoromethane	5.50	113	92639	49.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.62%				
50) Toluene-d8	8.71	98	372502	52.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.72%				
62) 4-Bromofluorobenzene	11.13	95	128356	49.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	76	0.585	ug/l	#	43
5) Bromomethane	1.66	94	260	0.269	ug/l	#	46
6) Chloroethane	1.76	64	308	0.282	ug/l		93
8) Diethyl Ether	2.20	74	747	0.746	ug/l		98
11) Tert butyl alcohol	3.03	59	732	1.615	ug/l		99
13) Acrolein	2.30	56	124	0.473	ug/l		88
14) Allyl chloride	2.85	41	5290	2.235	ug/l	#	24
16) Acetone	2.44	43	493130	560.955	ug/l		97
18) Methyl Acetate	2.78	43	1389	0.694	ug/l		90
20) Methylene Chloride	2.86	84	146907	78.856	ug/l		98
25) 2-Butanone	4.68	43	2618	2.075	ug/l	#	76
29) Tetrahydrofuran	5.12	42	181	0.226	ug/l	#	57
31) Cyclohexane	5.66	56	3637	1.376	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	12284	5.052	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	17297	6.827	ug/l	#	17
43) Isopropyl Acetate	6.45	43	11596	2.832	ug/l		98
48) Methyl methacrylate	7.67	41	5002	2.508	ug/l	#	10
49) 1,4-Dioxane	7.88	88	219	3.926	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.61	43	55978	21.093	ug/l	#	49
54) cis-1,3-Dichloropropene	8.61	75	28359	9.829	ug/l	#	62
57) 1,3-Dichloropropane	9.54	76	6978	2.183	ug/l	#	44
59) 2-Hexanone	9.54	43	86798	42.168	ug/l	#	52
68) m/p-Xylenes	10.37	106	1477	0.380	ug/l		85
74) N-amyl acetate	10.69	43	9693	2.864	ug/l	#	54
76) 1,2,3-Trichloropropane	11.13	75	64014	27.057	ug/l	#	35
80) 1,3,5-Trimethylbenzene	11.51	105	1799	0.243	ug/l		88
81) trans-1,4-Dichloro-2-buten	11.13	75	64014	67.074	ug/l	#	11

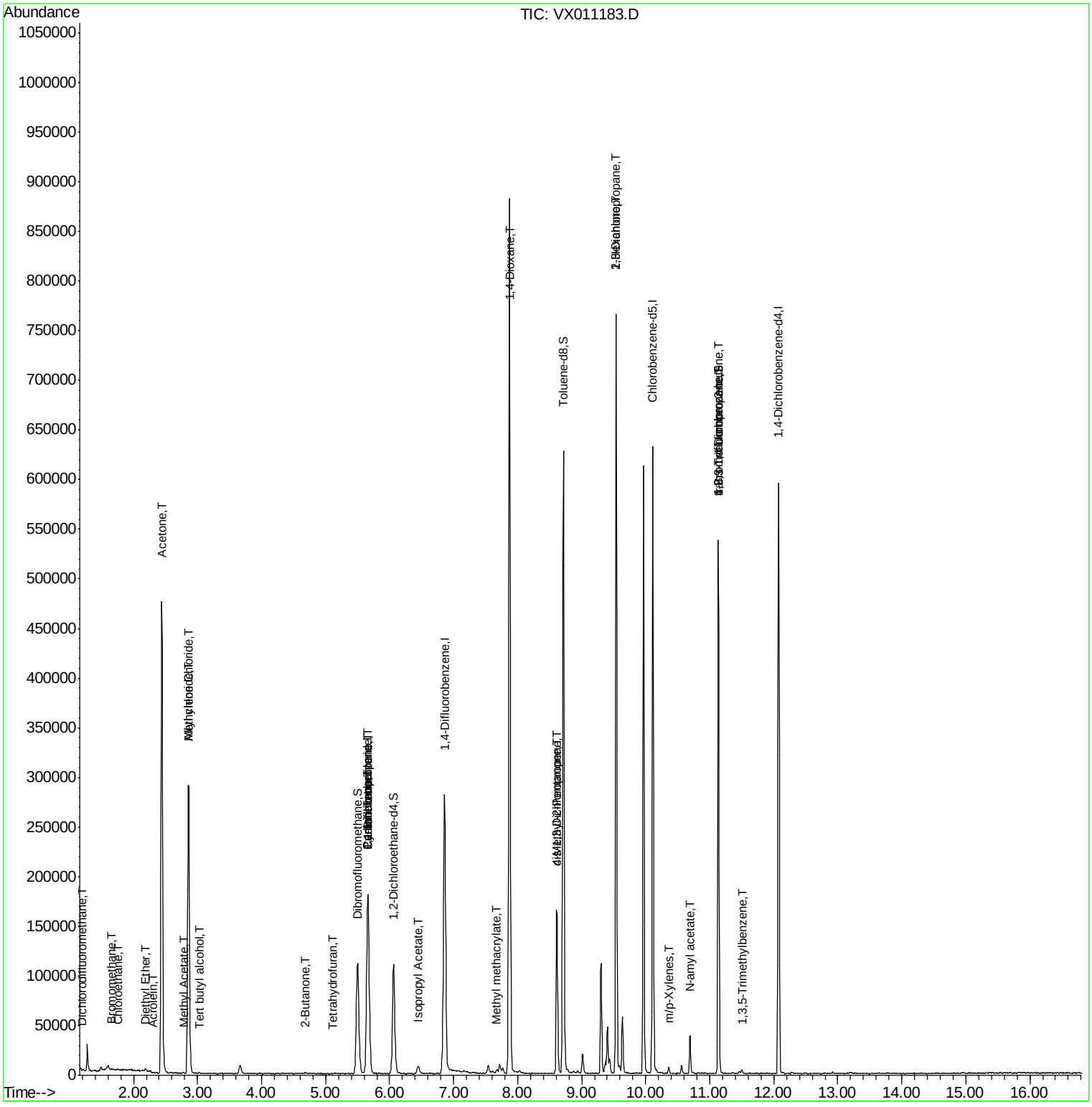
(#) = qualifier out of range (m) = manual integration (+) = signals summed

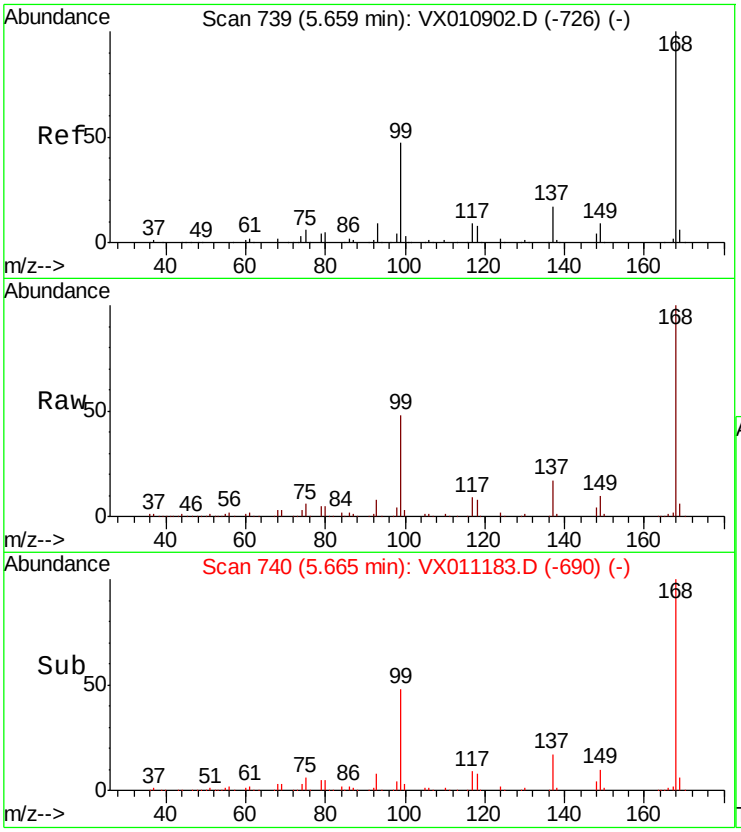
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072919\
Data File : VX011183.D
Acq On : 30 Jul 2019 07:00
Operator : JC/SP
Sample : PB121753ZHE#06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#06

Quant Time: Jul 30 08:10:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration



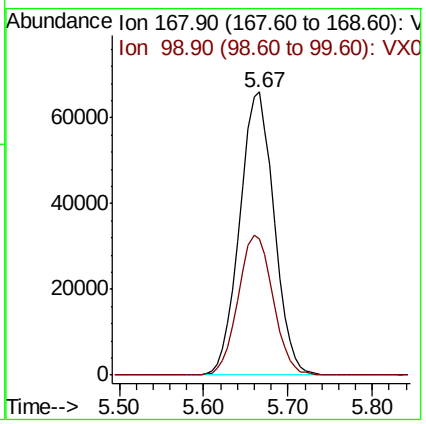


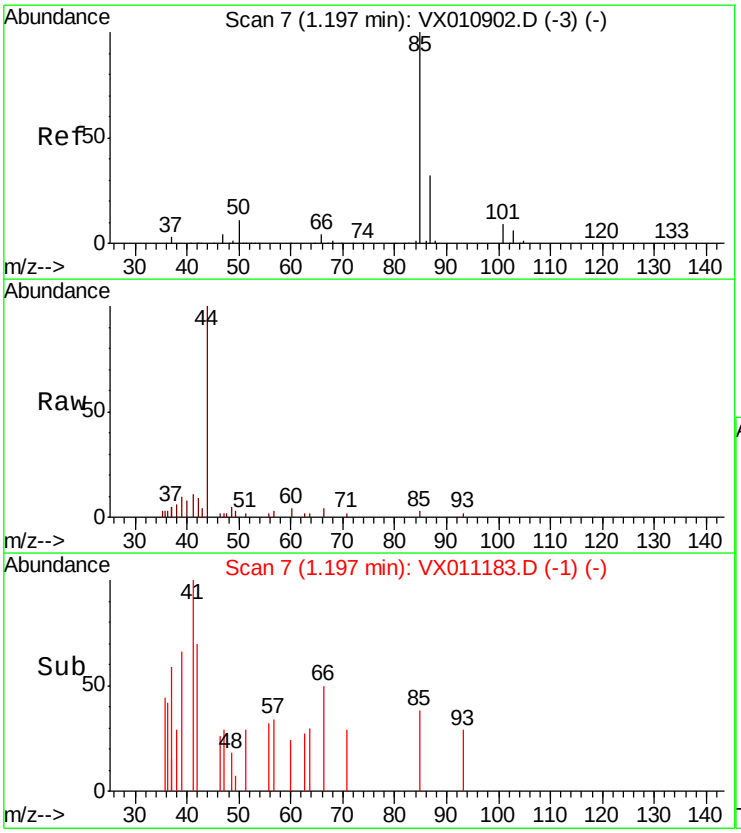
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#06

Tgt Ion:168 Resp: 182959

Ion	Ratio	Lower	Upper
168	100		
99	48.1	37.6	56.4

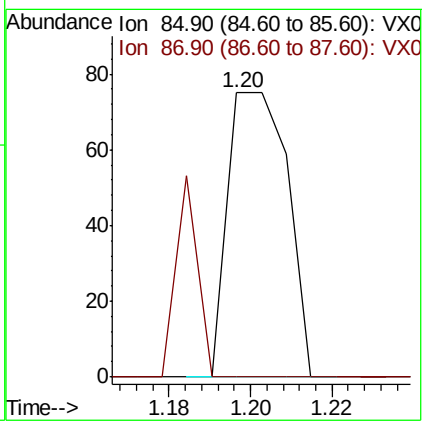


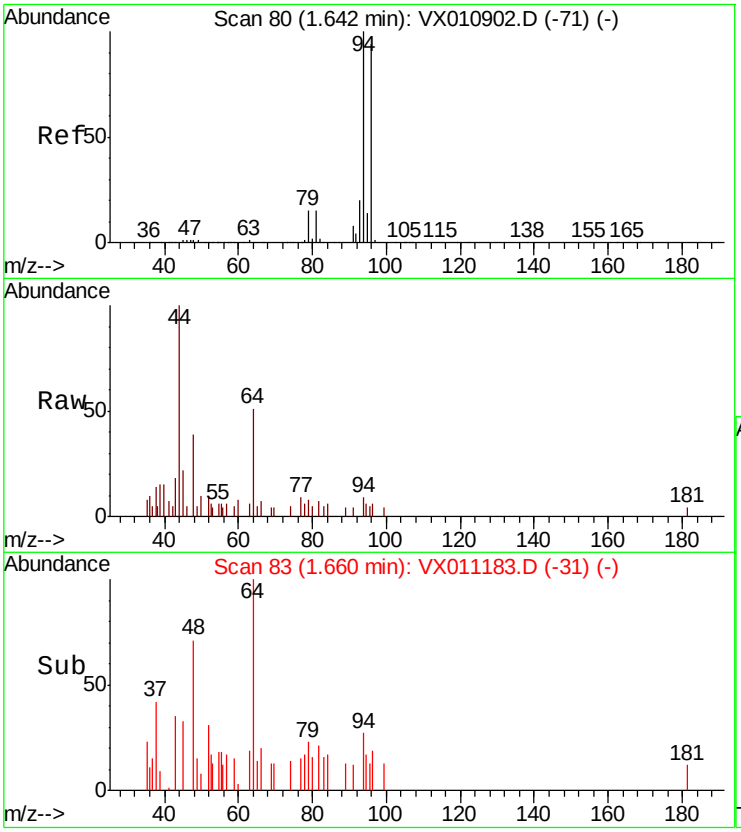


#2
Dichlorodifluoromethane
Concen: 0.585 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Tgt Ion: 85 Resp: 76

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



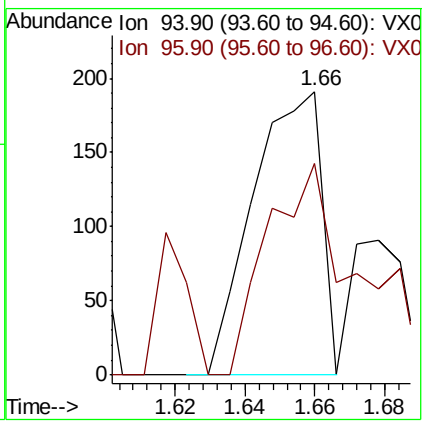


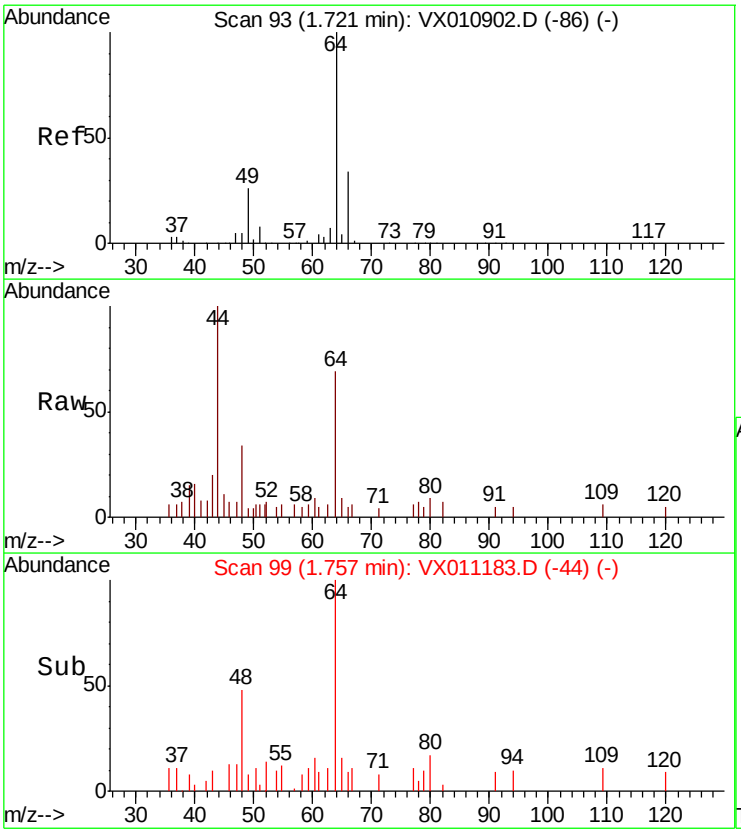
#5
Bromomethane
Concen: 0.269 ug/l
RT: 1.66 min Scan# 83
Delta R.T. 0.02 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#06

Tgt Ion: 94 Resp: 260

Ion	Ratio	Lower	Upper
94	100		
96	42.4	75.6	113.4#

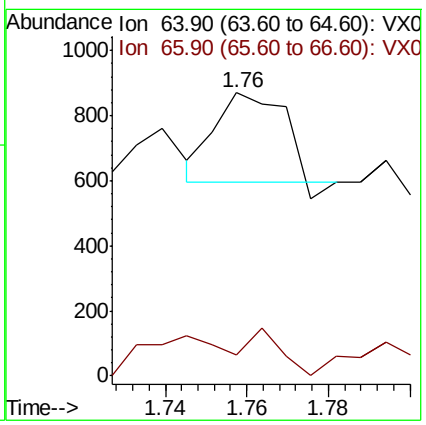


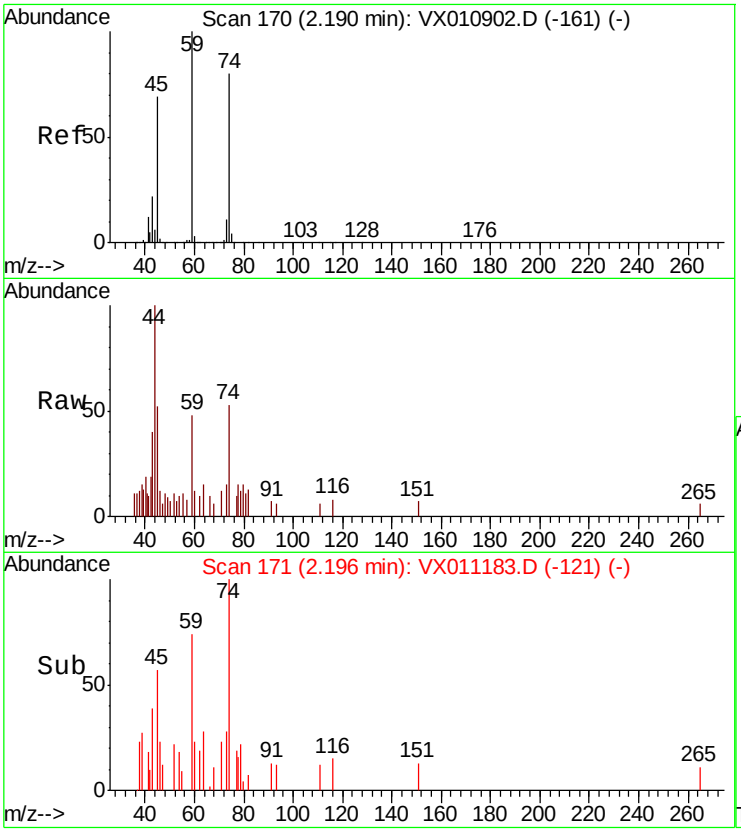


#6
Chloroethane
Concen: 0.282 ug/l
RT: 1.76 min Scan# 99
Delta R.T. 0.04 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Tgt Ion: 64 Resp: 308

Ion	Ratio	Lower	Upper
64	100		
66	29.6	27.0	40.6



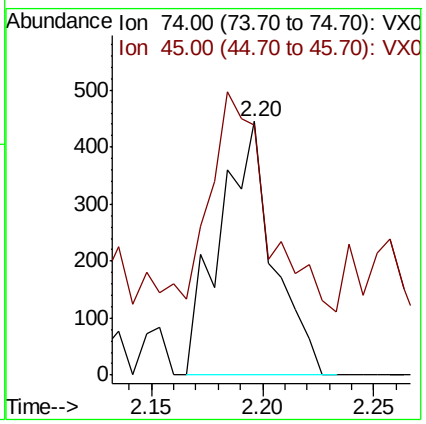


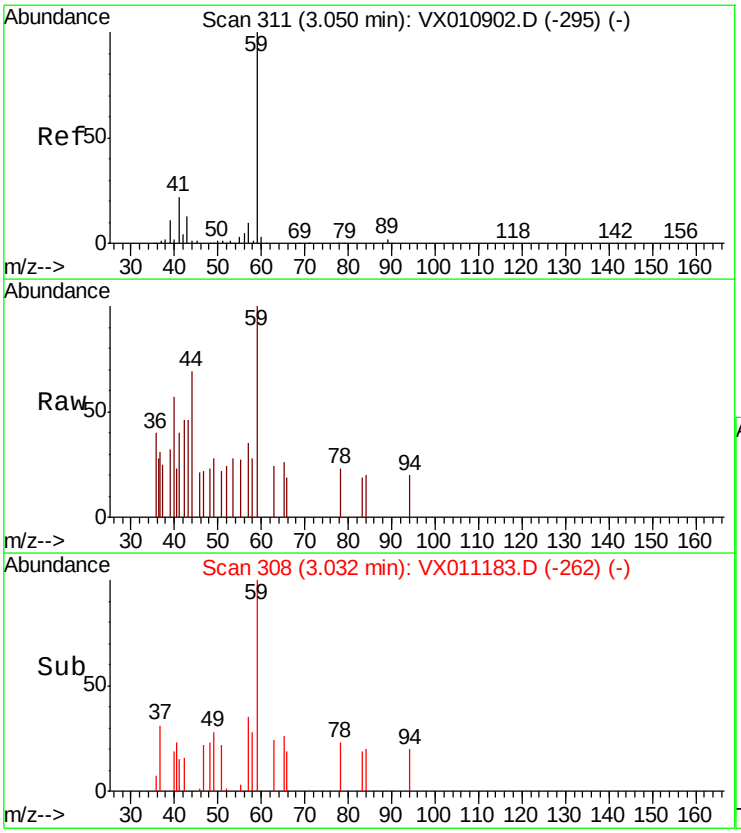
#8
Diethyl Ether
Concen: 0.746 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#06

Tgt Ion: 74 Resp: 747

Ion	Ratio	Lower	Upper
74	100		
45	89.6	45.5	136.5

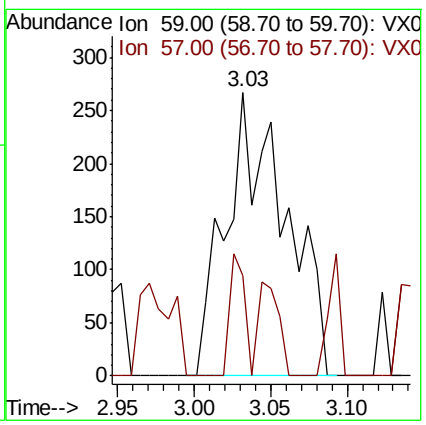


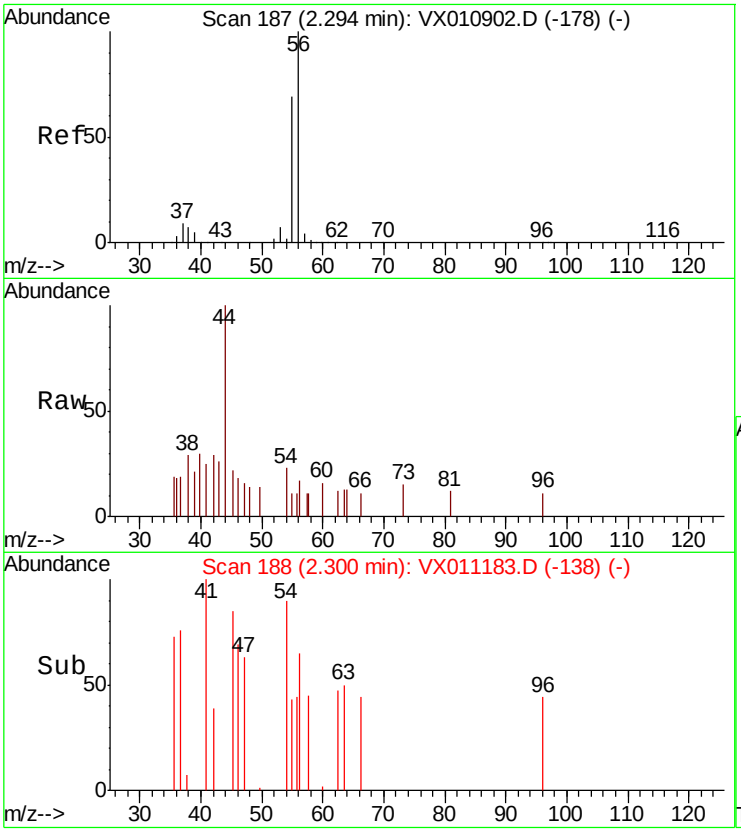


#11
Tert butyl alcohol
Concen: 1.615 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Tgt Ion: 59 Resp: 732

Ion	Ratio	Lower	Upper
59	100		
57	10.4	7.9	11.9



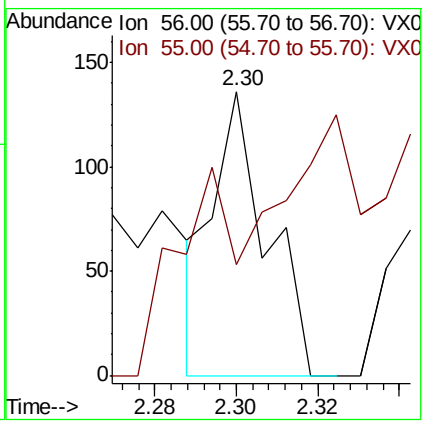


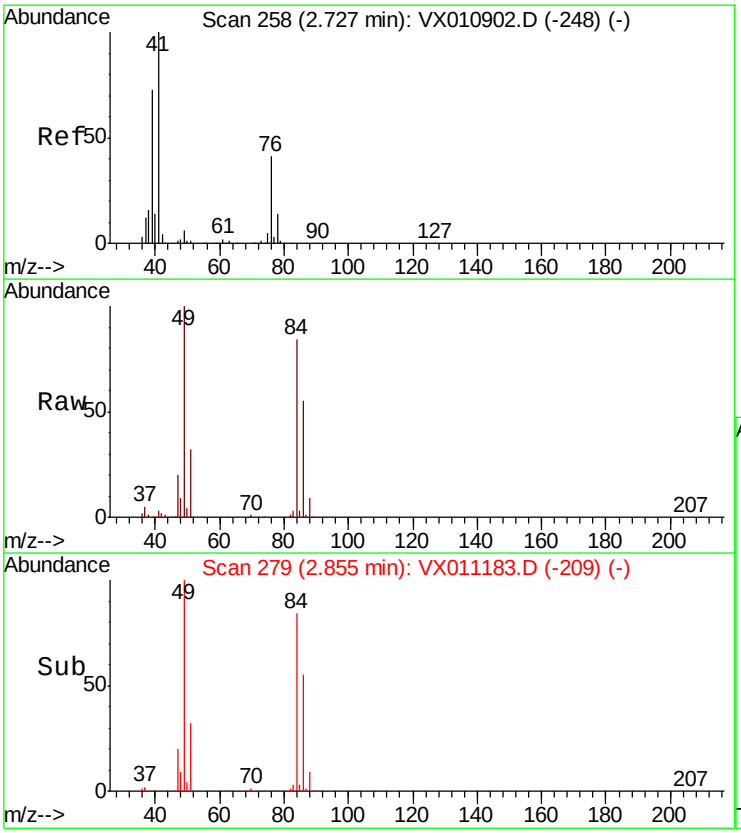
#13
Acrolein
Concen: 0.473 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#06

Tgt Ion: 56 Resp: 124

Ion	Ratio	Lower	Upper
56	100		
55	79.8	55.9	83.9

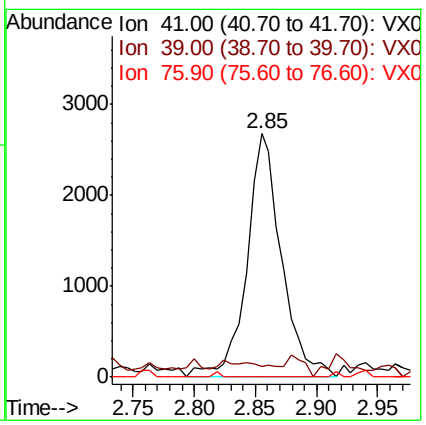


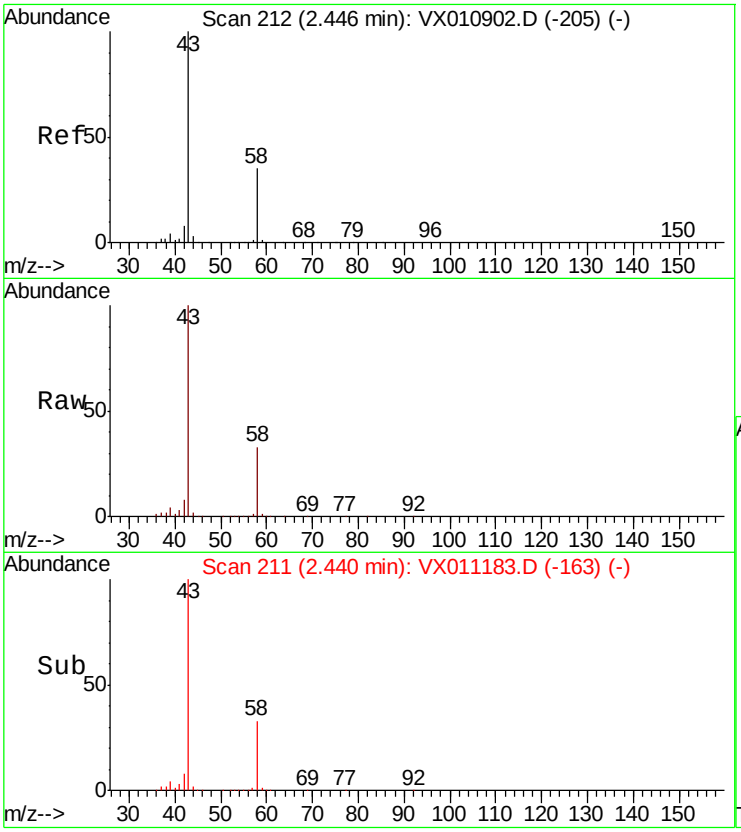


#14
Allyl chloride
Concen: 2.235 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.13 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Tgt Ion: 41 Resp: 5290

Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.6	80.4#
76	0.0	29.7	44.5#



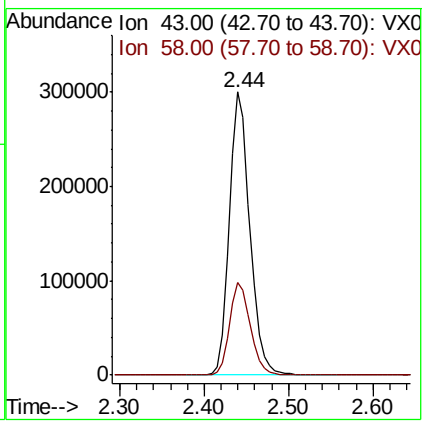


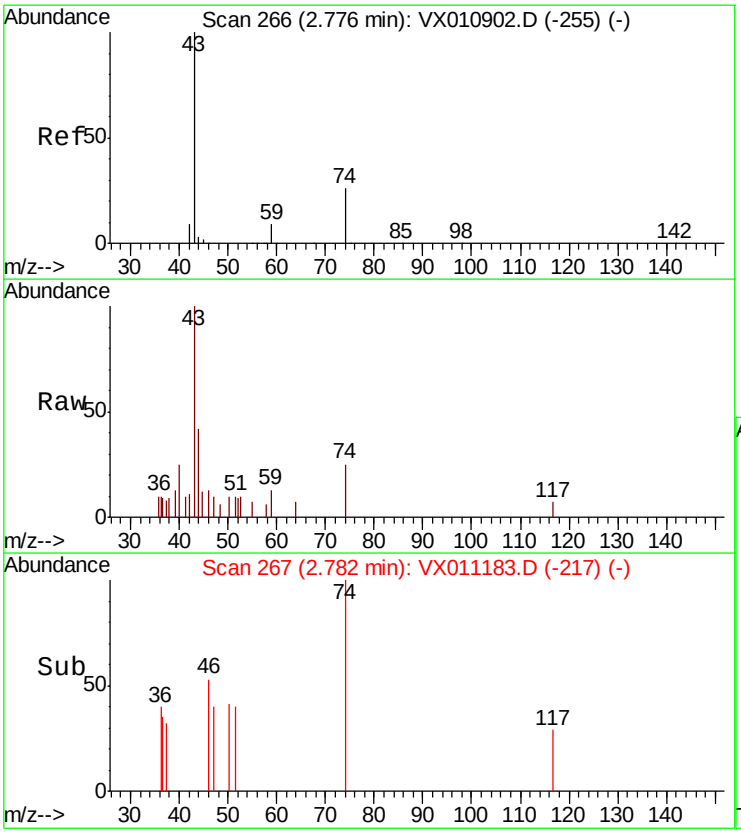
#16
Acetone
Concen: 560.955 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#06

Tgt Ion: 43 Resp: 493130

Ion	Ratio	Lower	Upper
43	100		
58	32.9	27.7	41.5

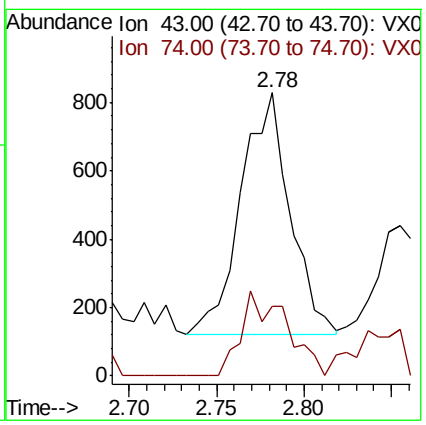


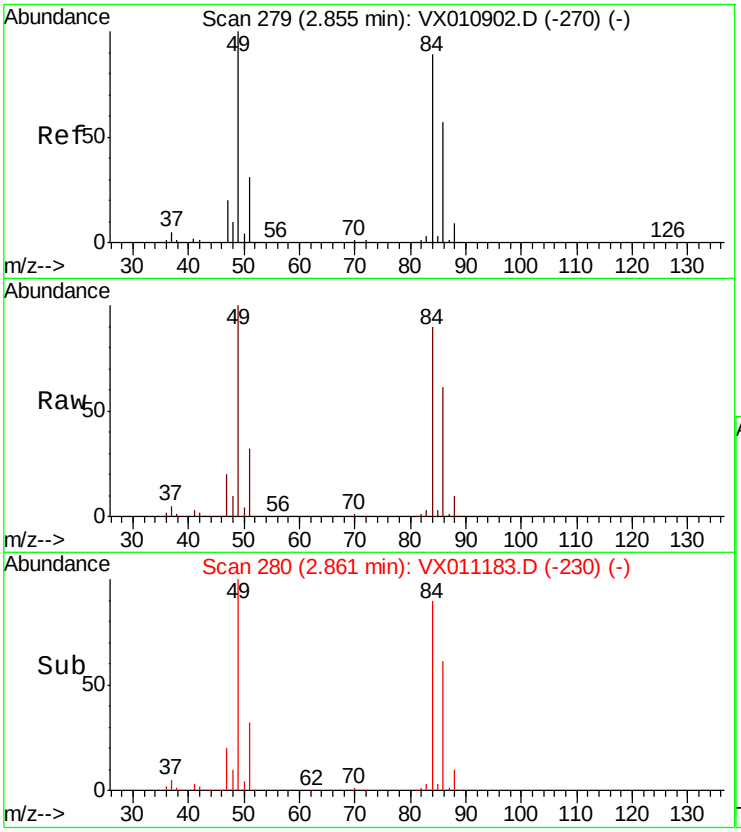


#18
Methyl Acetate
Concen: 0.694 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Tgt Ion: 43 Resp: 1389

Ion	Ratio	Lower	Upper
43	100		
74	32.3	21.5	32.3



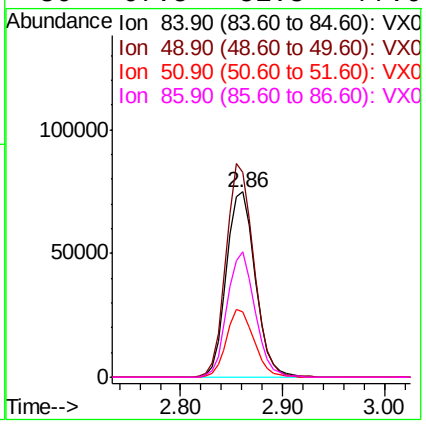


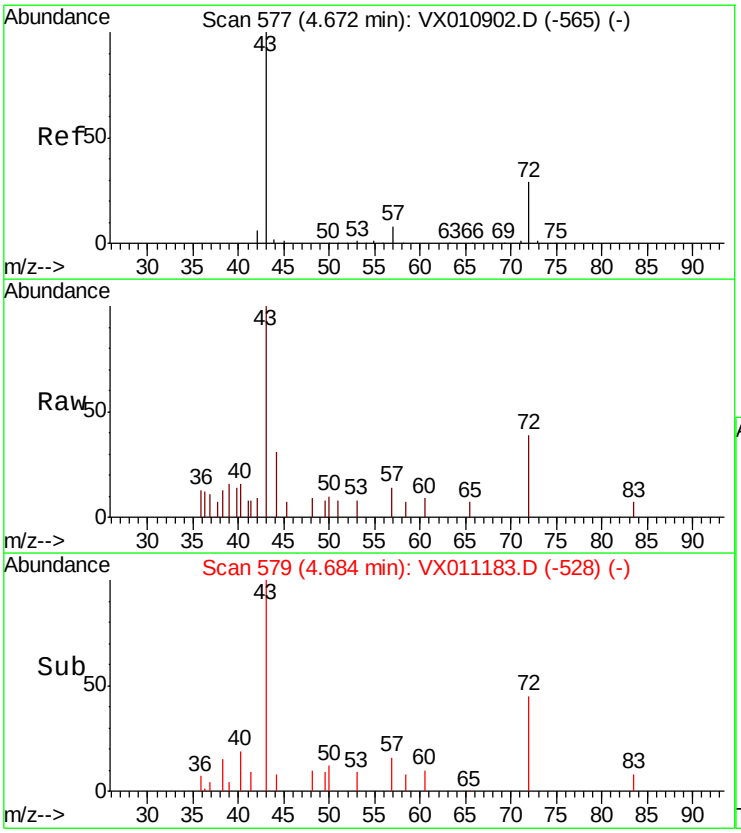
#20
Methylene Chloride
Concen: 78.856 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#06

Tgt Ion: 84 Resp: 146907

Ion	Ratio	Lower	Upper
84	100		
49	110.7	89.9	134.9
51	35.5	27.8	41.6
86	67.5	51.8	77.6

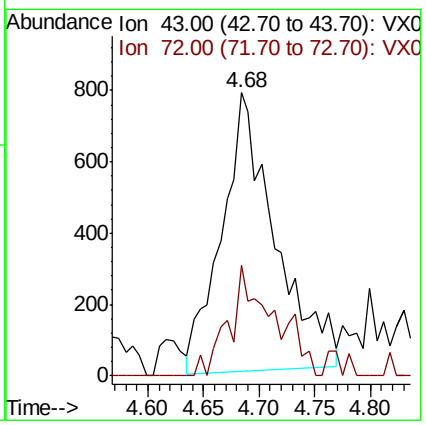


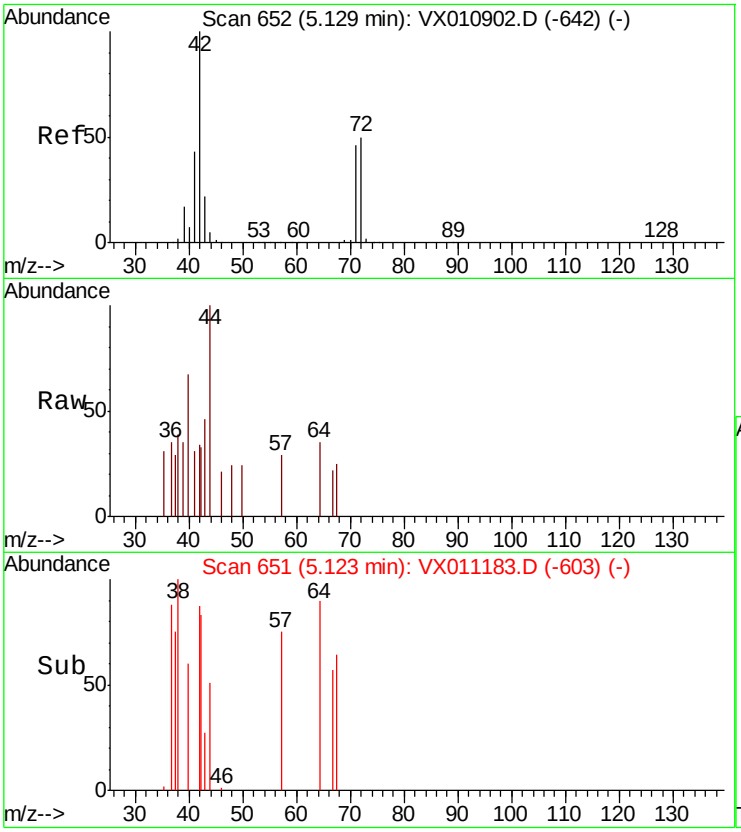


#25
2-Butanone
Concen: 2.075 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Tgt Ion: 43 Resp: 2618

Ion	Ratio	Lower	Upper
43	100		
72	41.8	23.0	34.6#



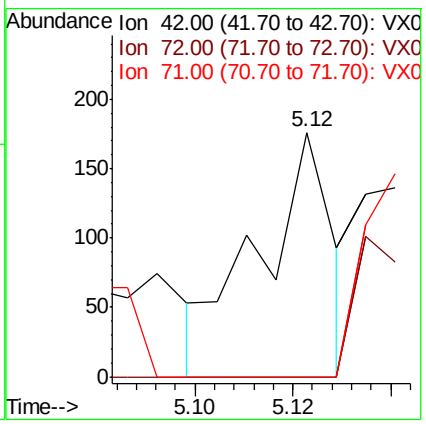


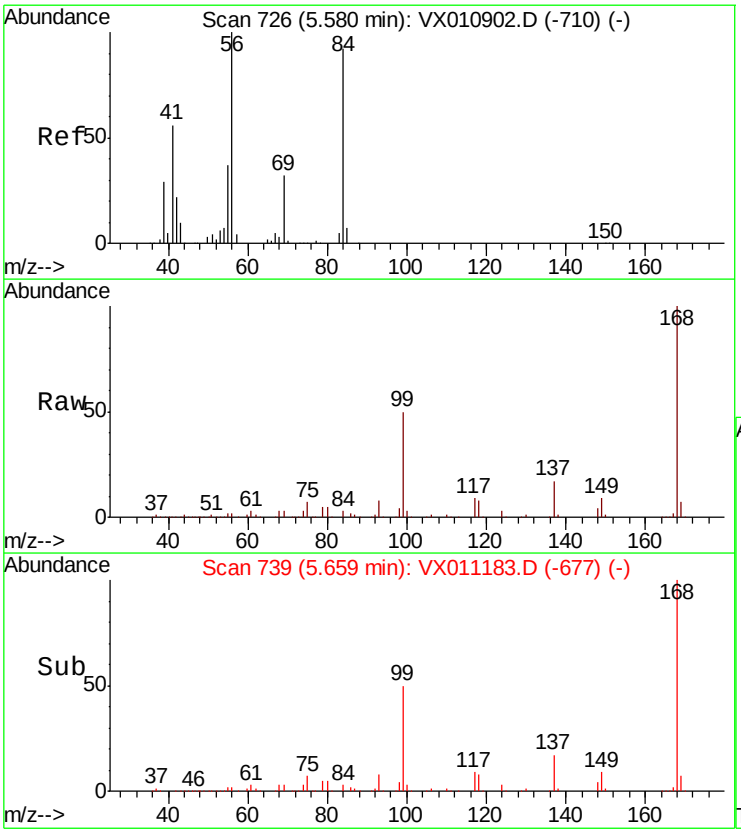
#29
Tetrahydrofuran
Concen: 0.226 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#06

Tgt Ion: 42 Resp: 181

Ion	Ratio	Lower	Upper
42	100		
72	37.0	39.8	59.8#
71	0.0	37.0	55.4#

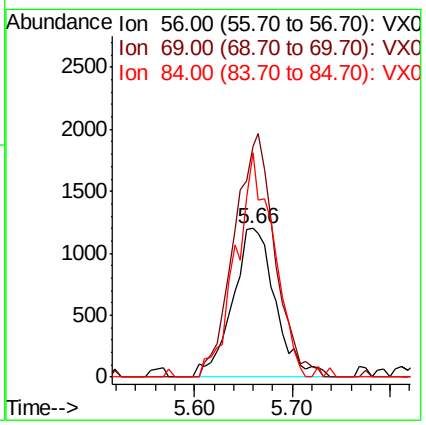


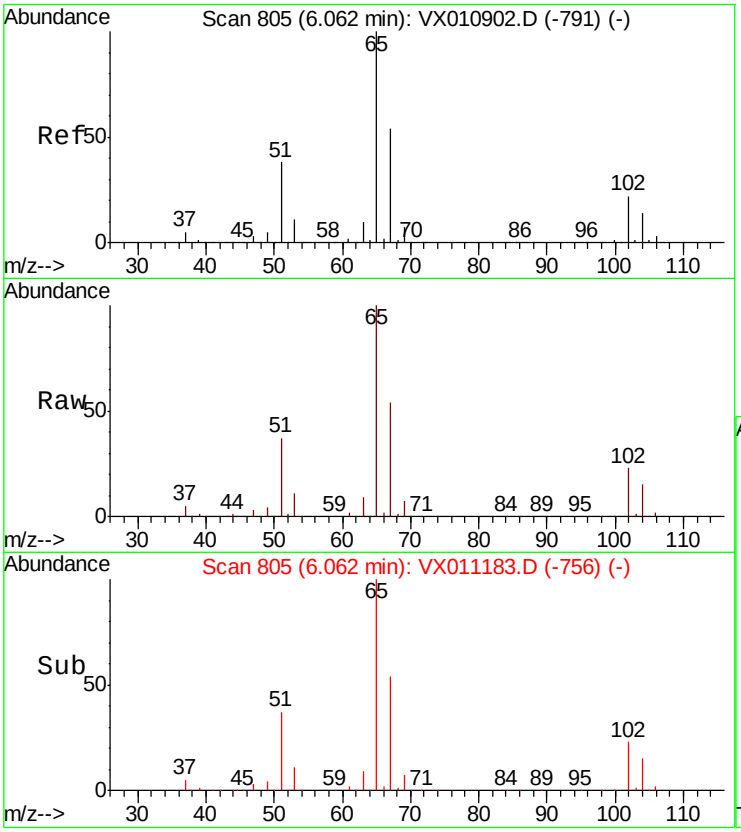


#31
Cyclohexane
Concen: 1.376 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Tgt Ion: 56 Resp: 3637

Ion	Ratio	Lower	Upper
56	100		
69	155.4	25.8	38.8#
84	151.4	73.8	110.6#



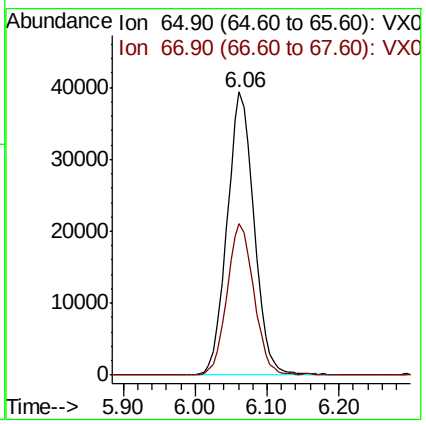


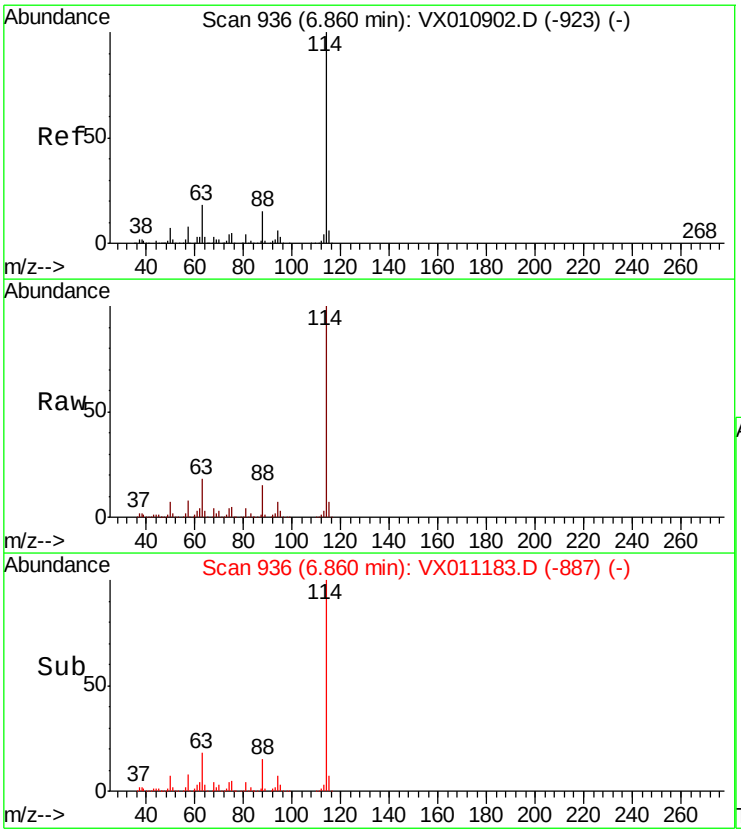
#33
1,2-Dichloroethane-d4
Concen: 52.723 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#06

Tgt Ion: 65 Resp: 102621

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.8

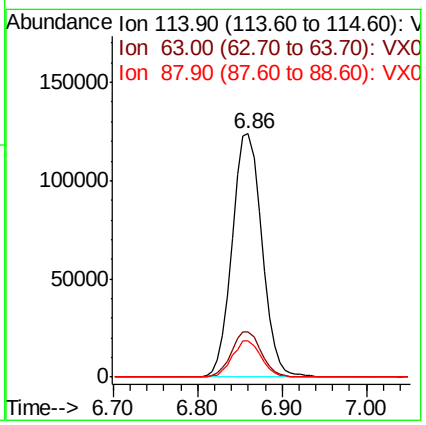


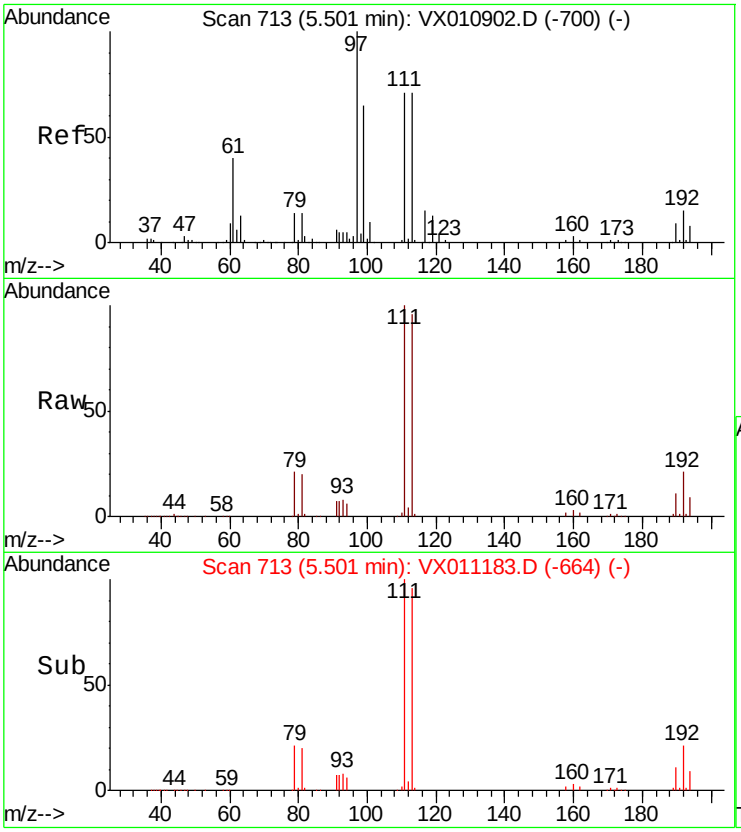


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Tgt Ion:114 Resp: 296019

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	35.6
88	14.9	0.0	29.8



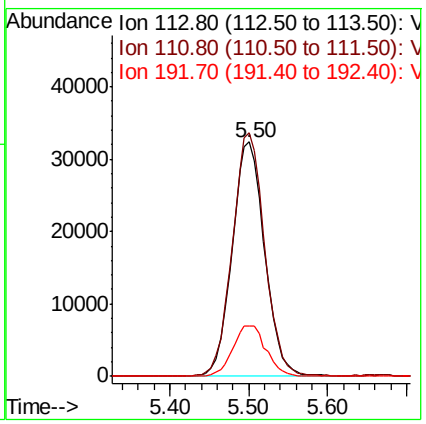


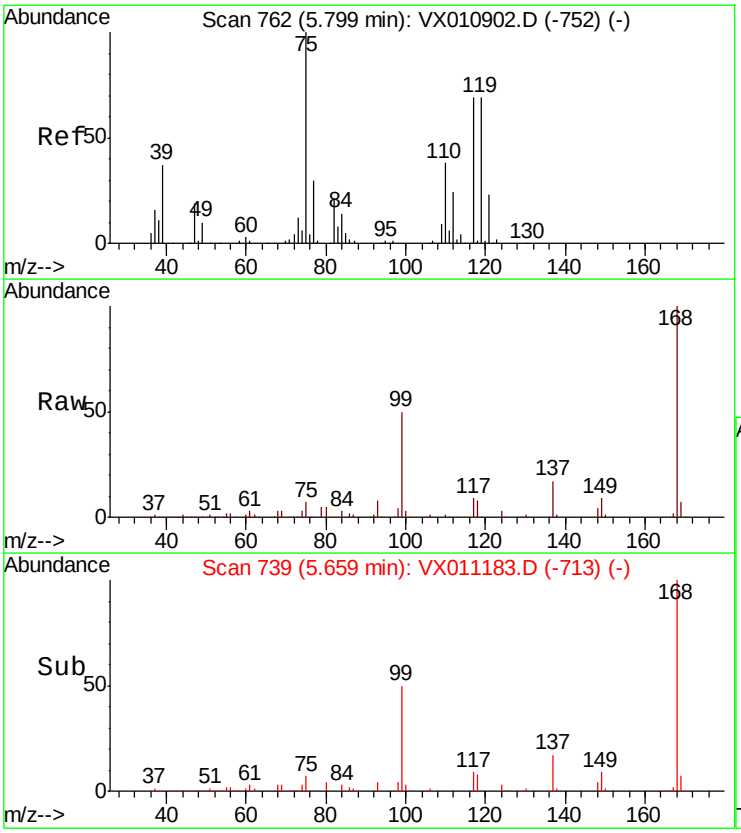
#35
Dibromofluoromethane
Concen: 49.305 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#06

Tgt Ion:113 Resp: 92639

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.3	123.5
192	22.1	17.4	26.2

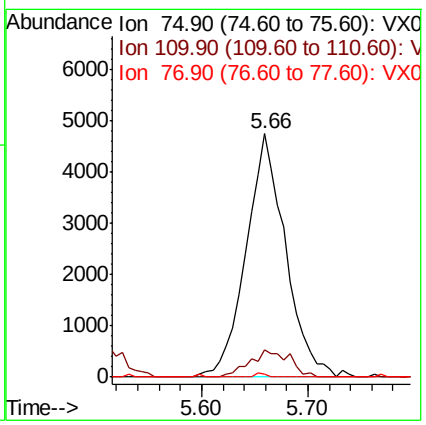


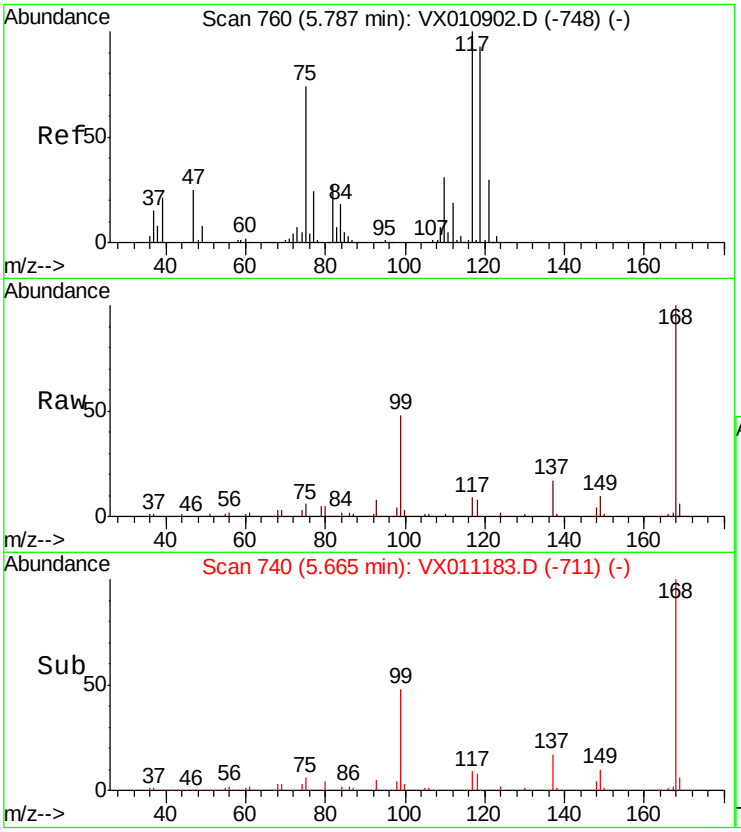


#36
1,1-Dichloropropene
Concen: 5.052 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Tgt Ion: 75 Resp: 12284

Ion	Ratio	Lower	Upper
75	100		
110	11.3	19.9	59.7#
77	0.4	25.0	37.4#



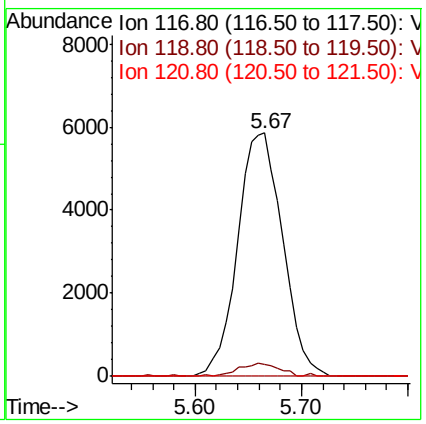


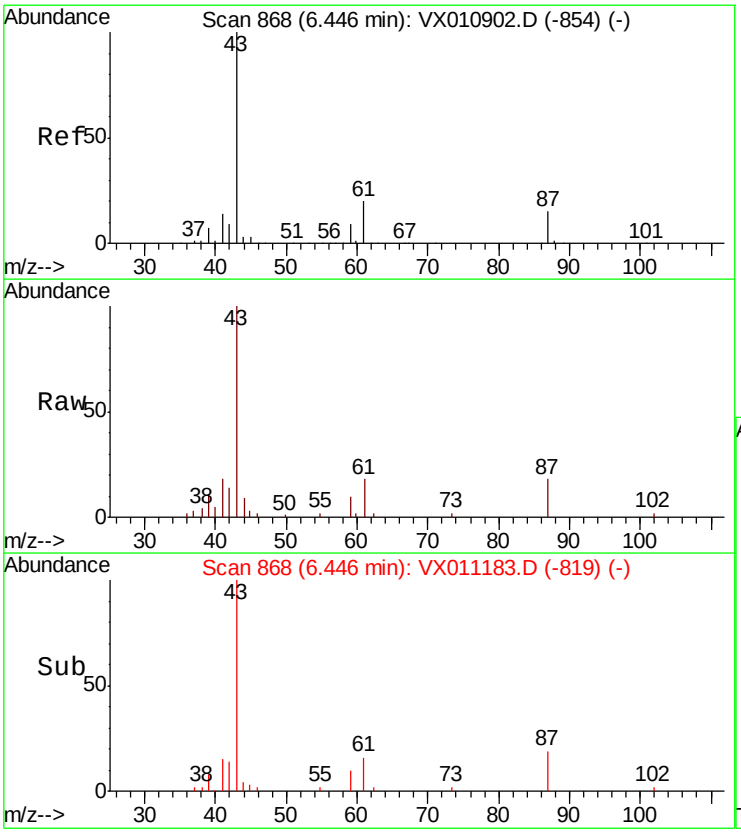
#38
Carbon Tetrachloride
Concen: 6.827 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#06

Tgt Ion:117 Resp: 17297

Ion	Ratio	Lower	Upper
117	100		
119	4.7	74.2	111.2#
121	0.0	24.2	36.2#

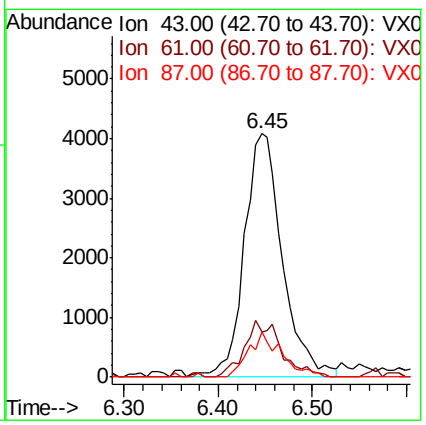


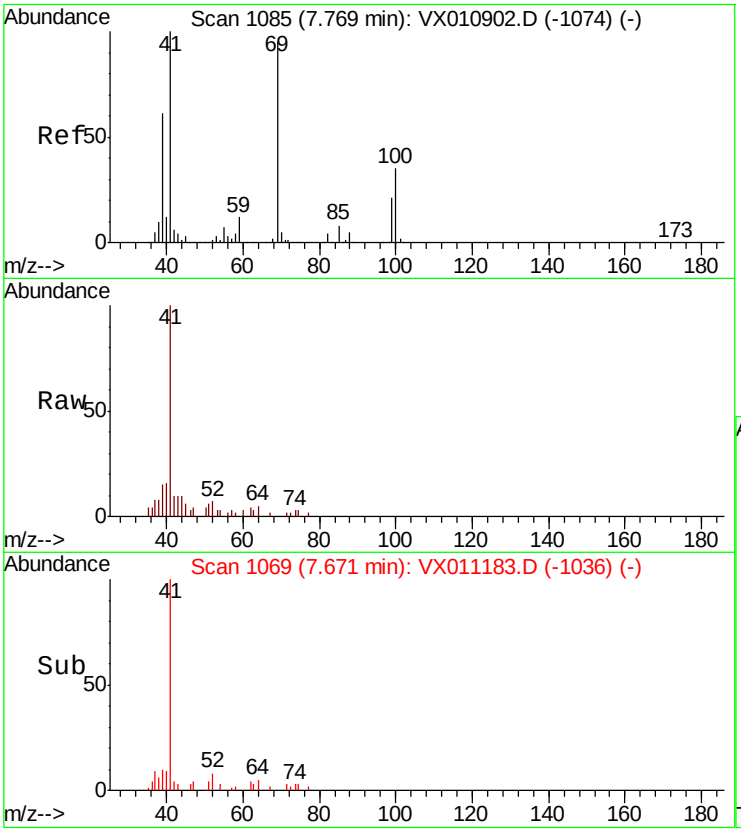


#43
Isopropyl Acetate
Concen: 2.832 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Tgt Ion: 43 Resp: 11596

Ion	Ratio	Lower	Upper
43	100		
61	22.3	17.1	25.7
87	16.2	12.0	18.0



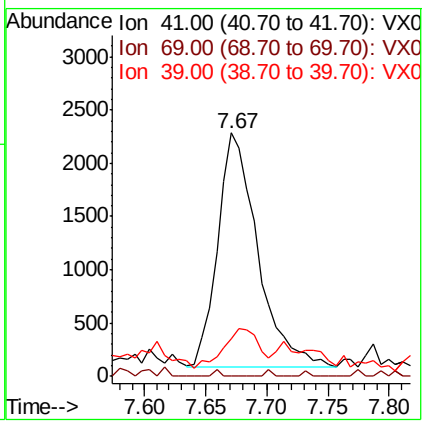


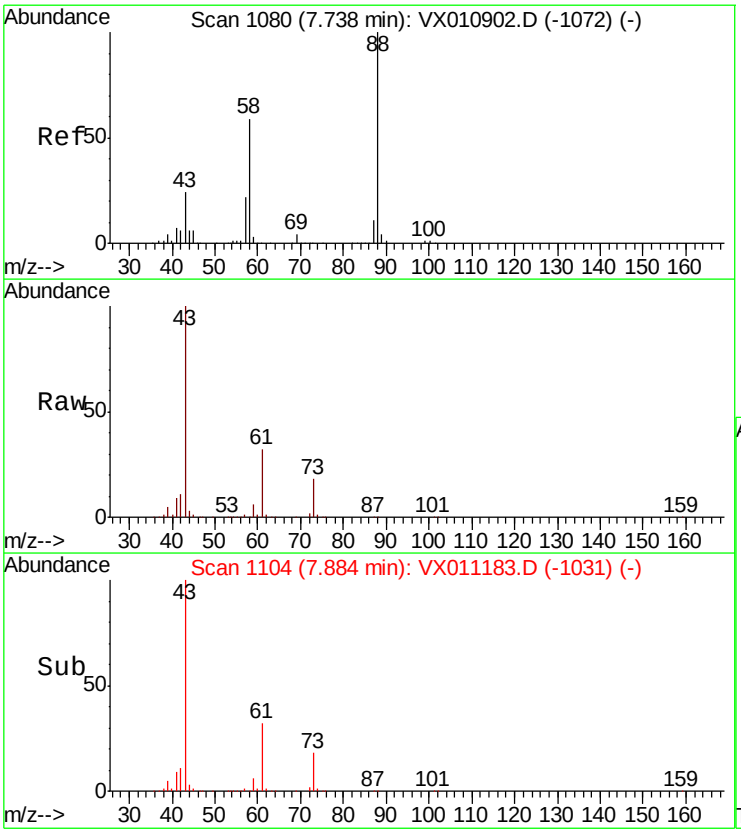
#48
Methyl methacrylate
Concen: 2.508 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.10 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#06

Tgt Ion: 41 Resp: 5002

Ion	Ratio	Lower	Upper
41	100		
69	0.5	74.4	111.6#
39	0.0	48.9	73.3#

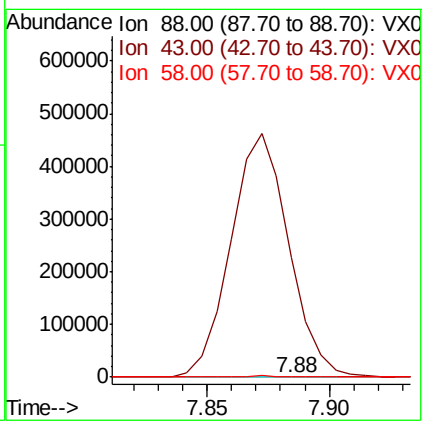


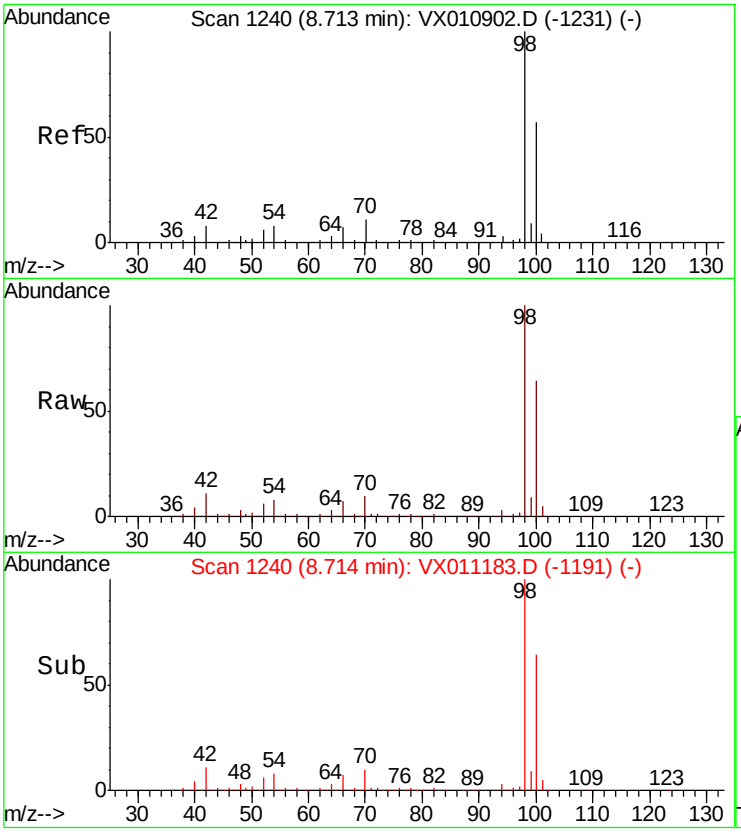


#49
1,4-Dioxane
Concen: 3.926 ug/l
RT: 7.88 min Scan# 1104
Delta R.T. 0.15 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Tgt Ion: 88 Resp: 219

Ion	Ratio	Lower	Upper
88	100		
43	351317.4	22.9	34.3#
58	1784.5	49.8	74.8#



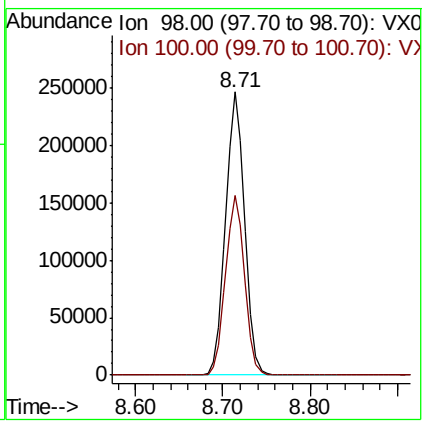


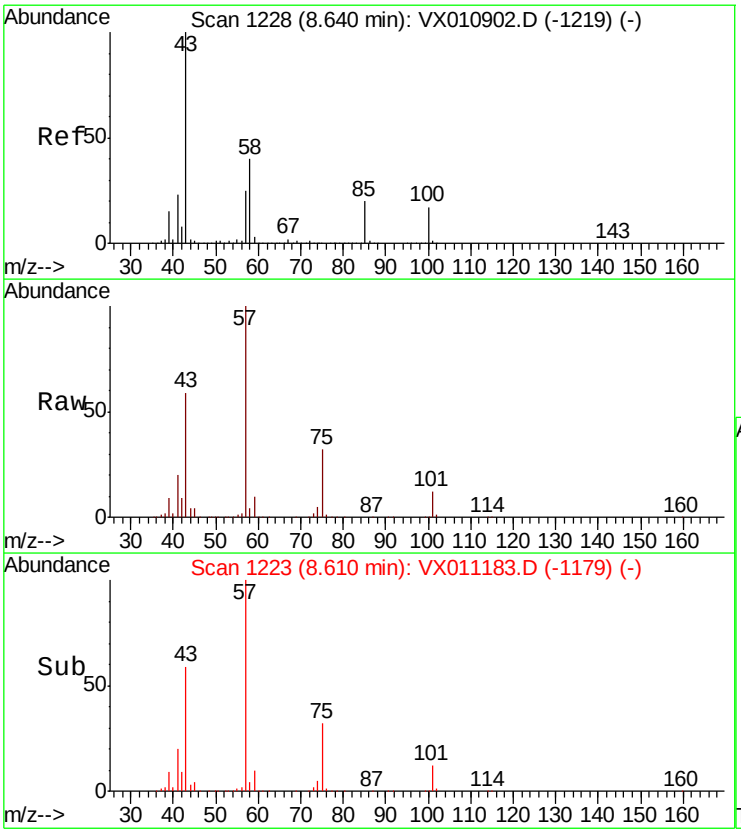
#50
Toluene-d8
Concen: 52.859 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#06

Tgt Ion: 98 Resp: 372502

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.6	75.8

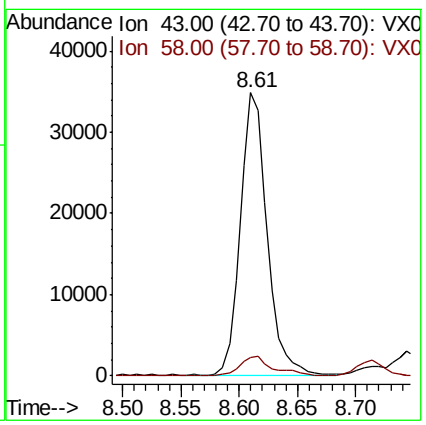


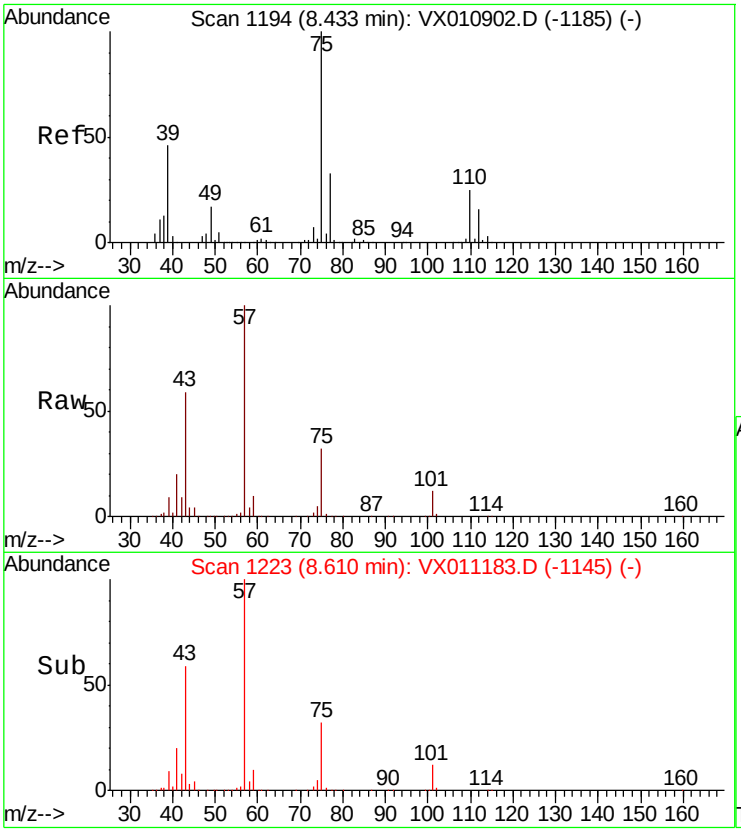


#51
4-Methyl-2-Pentanone
Concen: 21.093 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Tgt Ion: 43 Resp: 55978

Ion	Ratio	Lower	Upper
43	100		
58	8.5	32.2	48.4#



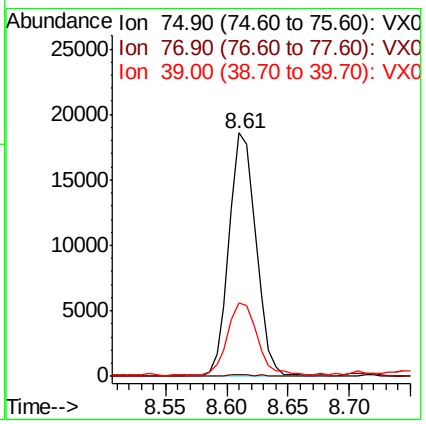


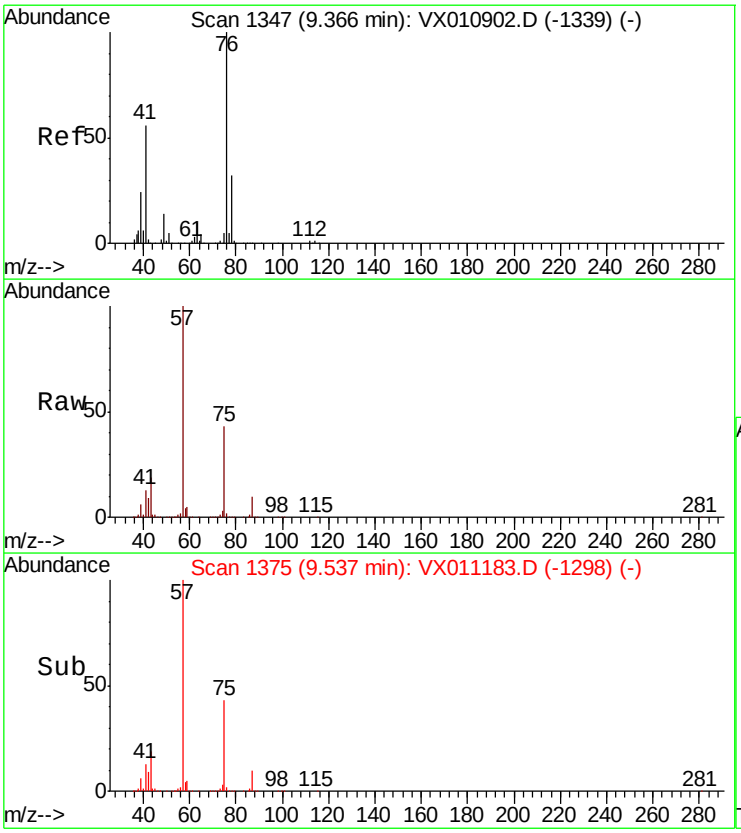
#54
cis-1,3-Dichloropropene
Concen: 9.829 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#06

Tgt Ion: 75 Resp: 28359

Ion	Ratio	Lower	Upper
75	100		
77	0.5	26.1	39.1#
39	29.3	36.6	54.8#

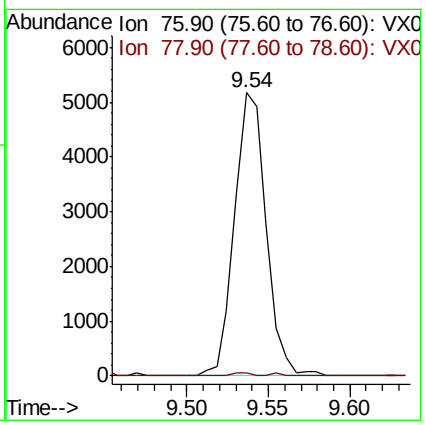


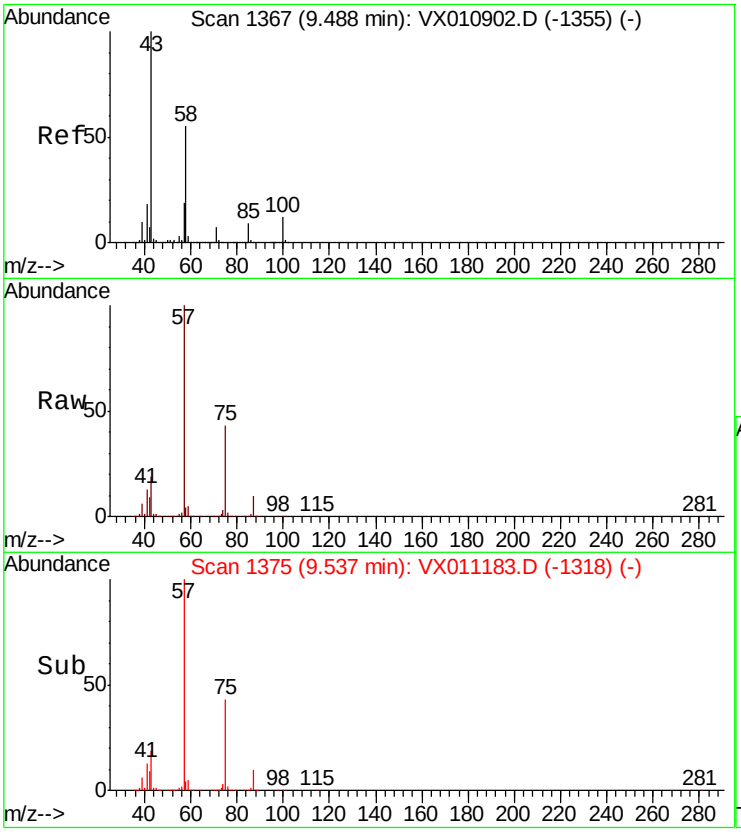


#57
1,3-Dichloropropane
Concen: 2.183 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Tgt Ion: 76 Resp: 6978

Ion	Ratio	Lower	Upper
76	100		
78	0.6	25.6	38.4#



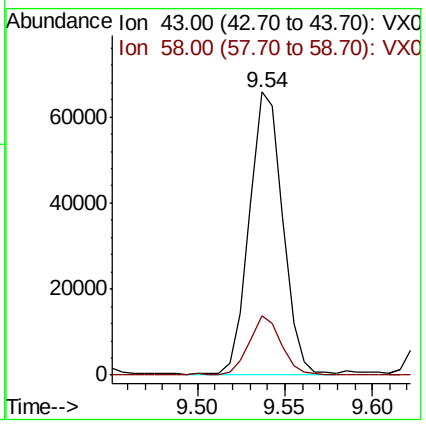


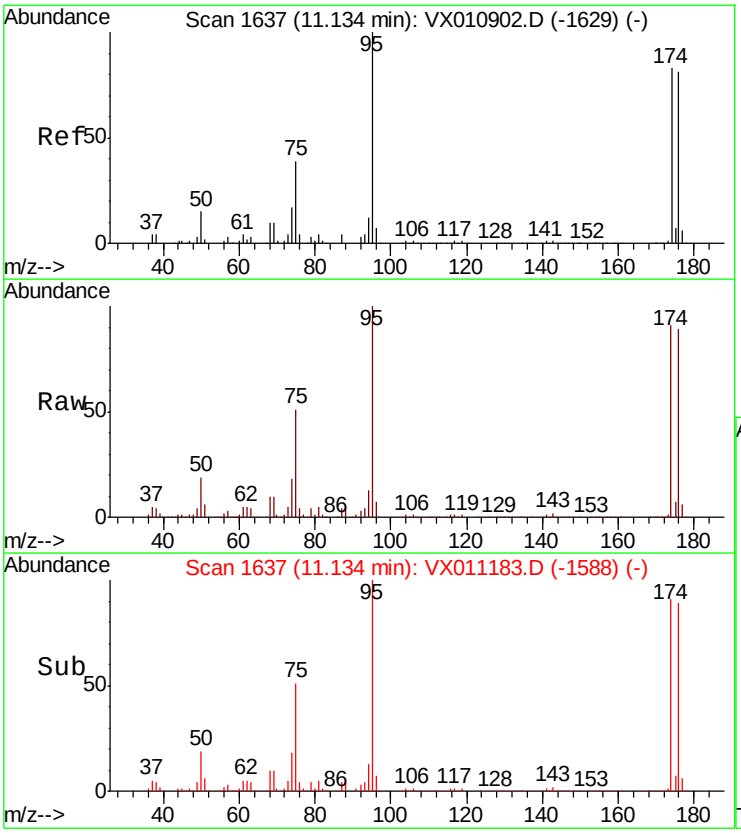
#59
2-Hexanone
Concen: 42.168 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#06

Tgt Ion: 43 Resp: 86798

Ion	Ratio	Lower	Upper
43	100		
58	20.7	28.0	83.9#

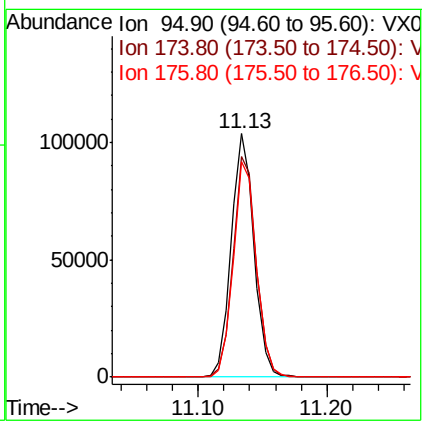


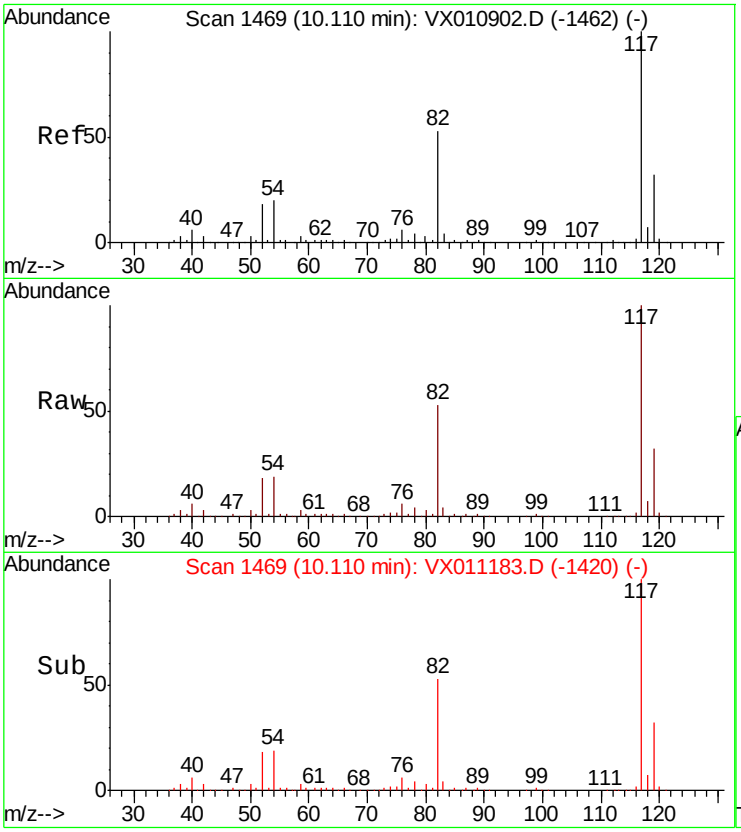


#62
4-Bromofluorobenzene
Concen: 49.553 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Tgt Ion: 95 Resp: 128356

Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	180.6
176	89.6	0.0	173.8



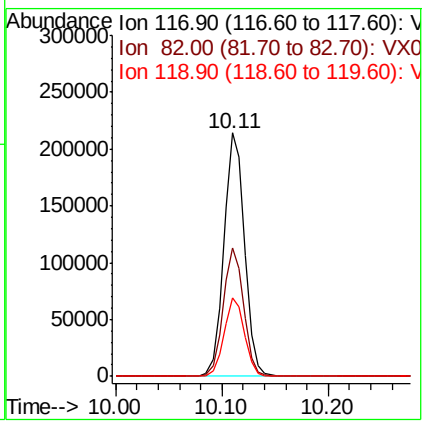


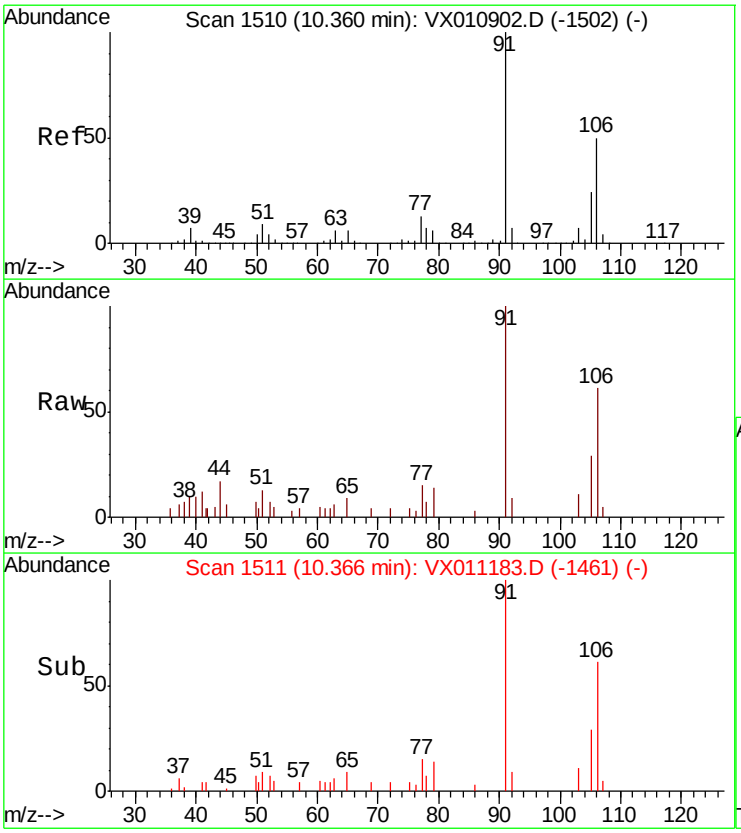
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#06

Tgt Ion:117 Resp: 290000

Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.6	63.8
119	32.3	25.9	38.9

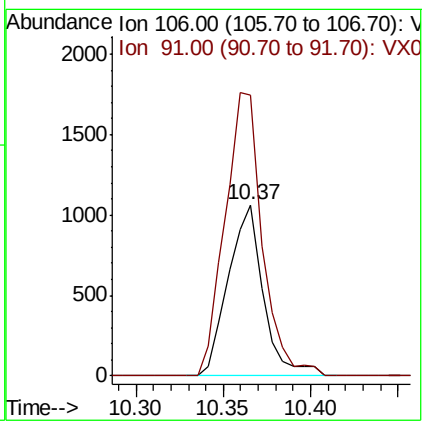


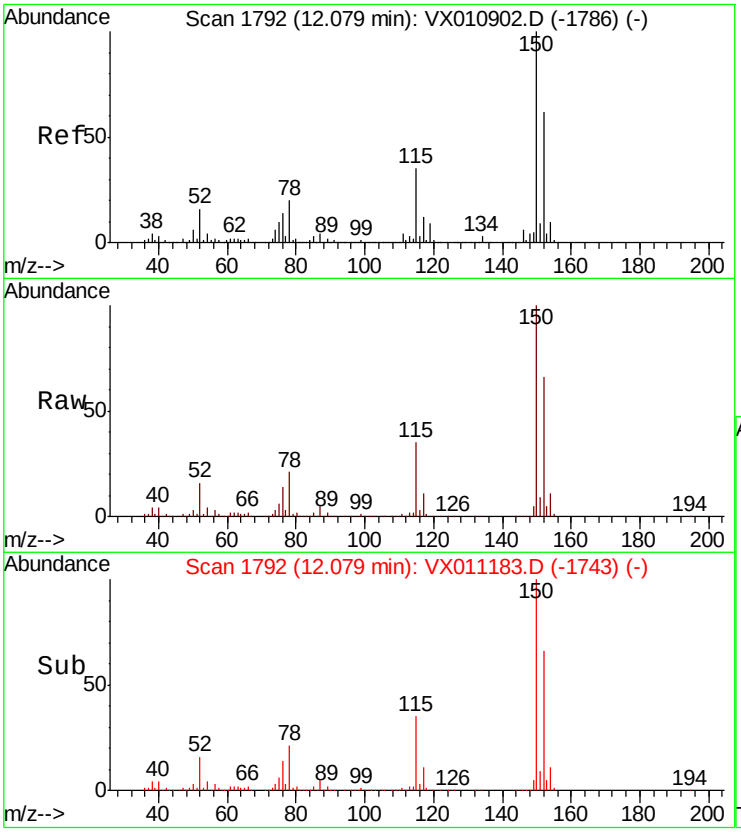


#68
m/p-Xylenes
Concen: 0.380 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Tgt Ion:106 Resp: 1477

Ion	Ratio	Lower	Upper
106	100		
91	176.8	160.1	240.1



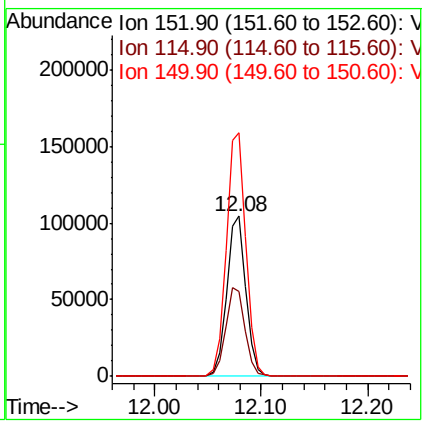


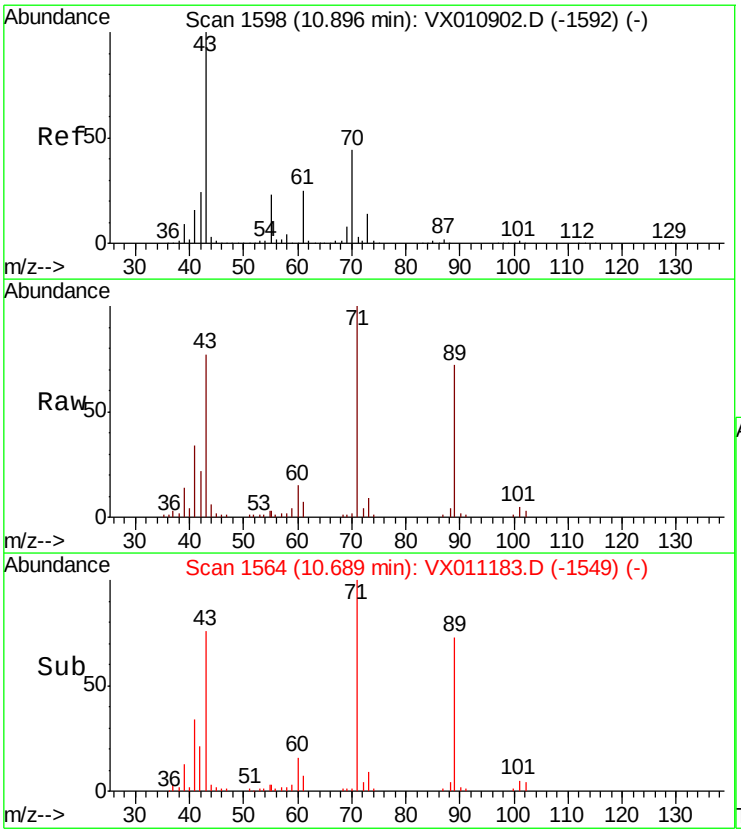
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#06

Tgt Ion:152 Resp: 131106

Ion	Ratio	Lower	Upper
152	100		
115	56.3	39.7	119.1
150	155.5	0.0	345.6

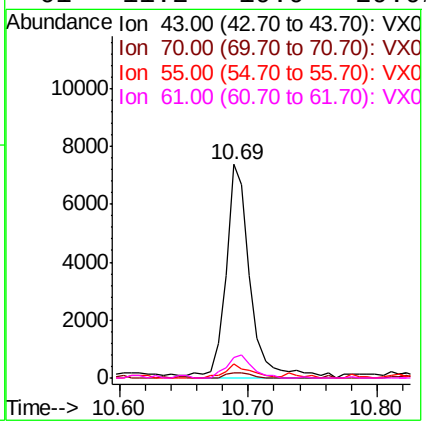


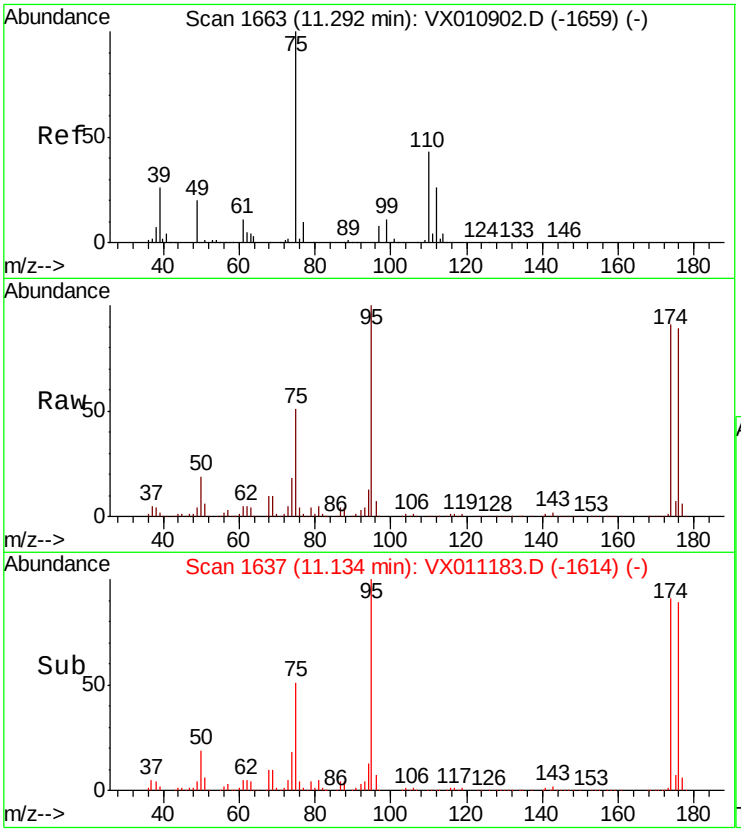


#74
N-amyl acetate
Concen: 2.864 ug/l
RT: 10.69 min Scan# 1564
Delta R.T. -0.21 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Tgt Ion: 43 Resp: 9693

Ion	Ratio	Lower	Upper
43	100		
70	2.6	34.7	52.1#
55	7.0	19.1	28.7#
61	11.2	19.9	29.9#



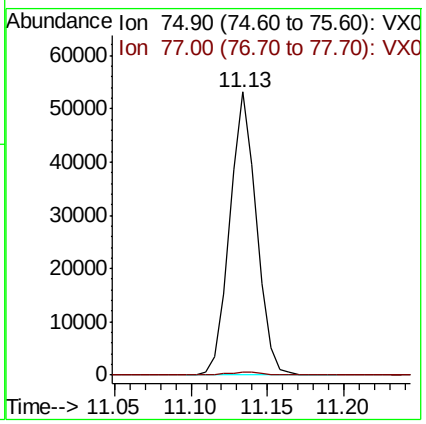


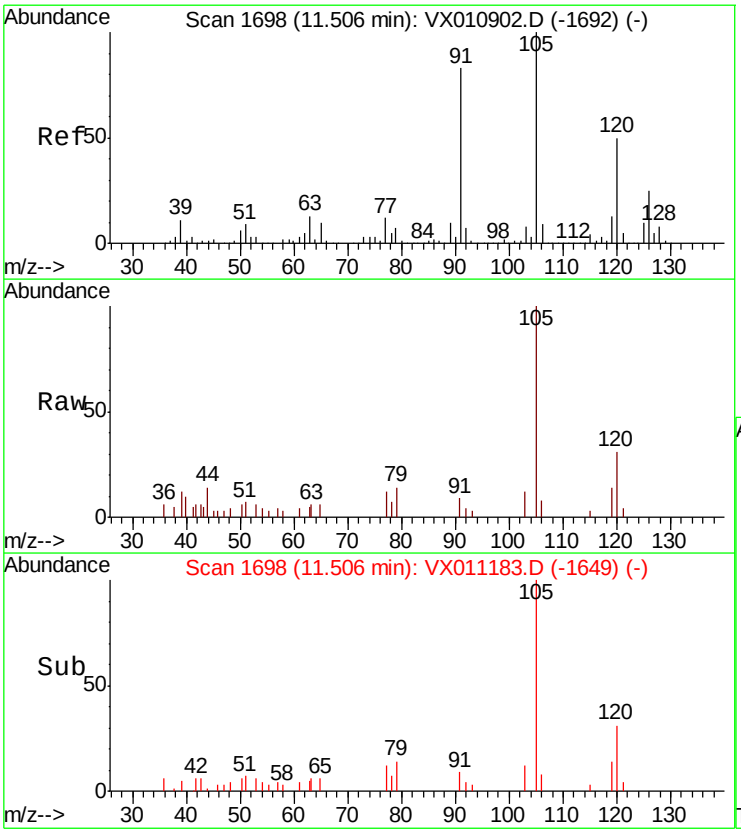
#76
1,2,3-Trichloropropane
Concen: 27.057 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#06

Tgt Ion: 75 Resp: 64014

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.3	64.0#

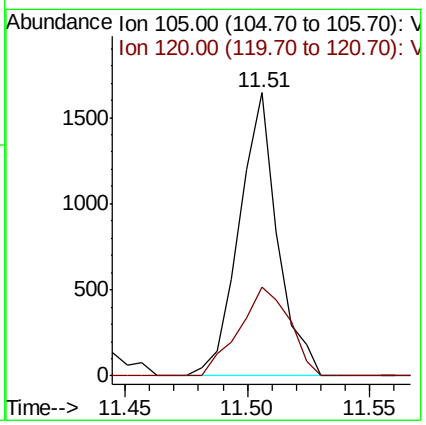


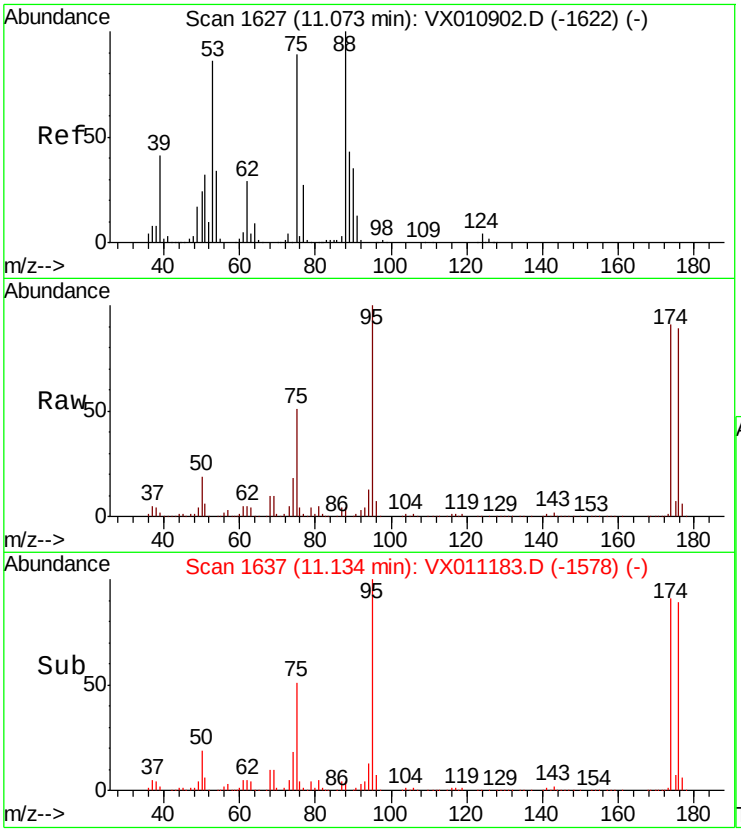


#80
1,3,5-Trimethylbenzene
Concen: 0.243 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Tgt Ion:105 Resp: 1799

Ion	Ratio	Lower	Upper
105	100		
120	41.0	24.6	73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 67.074 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011183.D
Acq: 30 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#06

Tgt Ion: 75 Resp: 64014

Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.7	115.1#
89	0.0	38.5	57.7#