Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072919\
Data File : VX011178.D
Acq On : 30 Jul 2019 05:03
Operator : JC/SP
Sample : PB121753ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#01

Quant Time: Jul 30 08:08:43 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	187820	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	304892	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	296863	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	138318	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	104576	52.34	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.68%				
35) Dibromofluoromethane	5.50	113	94966	49.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.14%				
50) Toluene-d8	8.71	98	377960	52.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.14%				
62) 4-Bromofluorobenzene	11.13	95	132087	49.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.02%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	23	0.558	ug/l	#	43
5) Bromomethane	1.67	94	496	0.500	ug/l		92
6) Chloroethane	1.73	64	460	0.411	ug/l	#	41
8) Diethyl Ether	2.19	74	833	0.811	ug/l		92
11) Tert butyl alcohol	3.05	59	604	1.298	ug/l	#	92
13) Acrolein	2.29	56	171	0.636	ug/l		89
14) Allyl chloride	2.86	41	5734	2.360	ug/l	#	24
16) Acetone	2.44	43	509867	564.983	ug/l		98
18) Methyl Acetate	2.78	43	1545	0.752	ug/l		95
20) Methylene Chloride	2.86	84	154871	80.979	ug/l		99
25) 2-Butanone	4.69	43	2912	2.248	ug/l	#	76
29) Tetrahydrofuran	5.13	42	392	0.478	ug/l	#	38
31) Cyclohexane	5.66	56	3881	1.431	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	12610	5.035	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	17188	6.586	ug/l	#	17
43) Isopropyl Acetate	6.45	43	11488	2.724	ug/l		99
48) Methyl methacrylate	7.67	41	5210	2.536	ug/l	#	10
49) 1,4-Dioxane	7.60	88	52	0.905	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.61	43	57726	21.118	ug/l	#	49
54) cis-1,3-Dichloropropene	8.61	75	28881	9.719	ug/l	#	65
57) 1,3-Dichloropropane	9.54	76	7077	2.150	ug/l	#	43
59) 2-Hexanone	9.44	43	7785	3.672	ug/l	#	23
68) m/p-Xylenes	10.37	106	1489	0.374	ug/l		90
76) 1,2,3-Trichloropropane	11.13	75	67647	27.102	ug/l	#	35
80) 1,3,5-Trimethylbenzene	11.50	105	1804	0.231	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.13	75	67647	67.179	ug/l	#	11

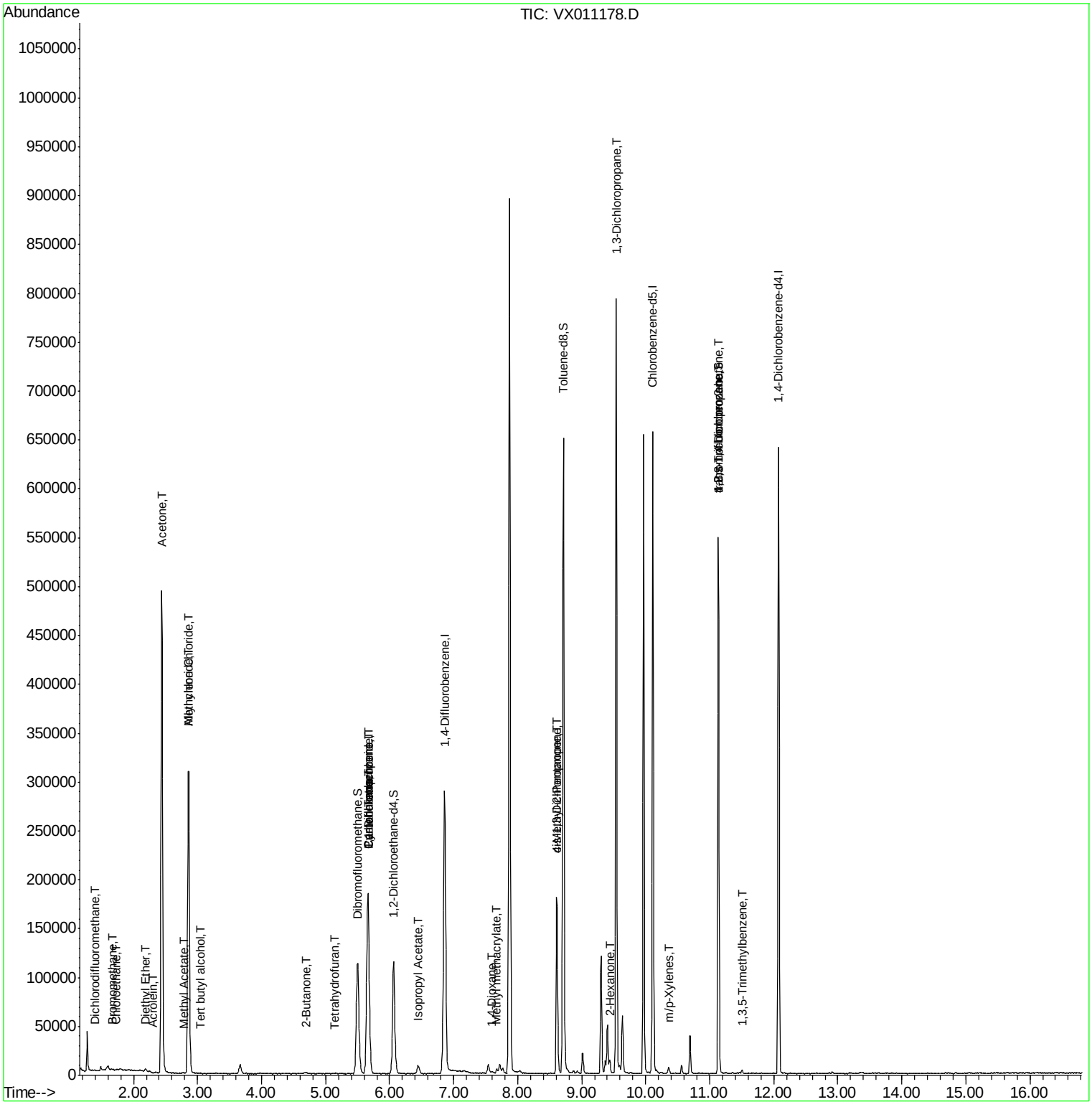
(#) = qualifier out of range (m) = manual integration (+) = signals summed

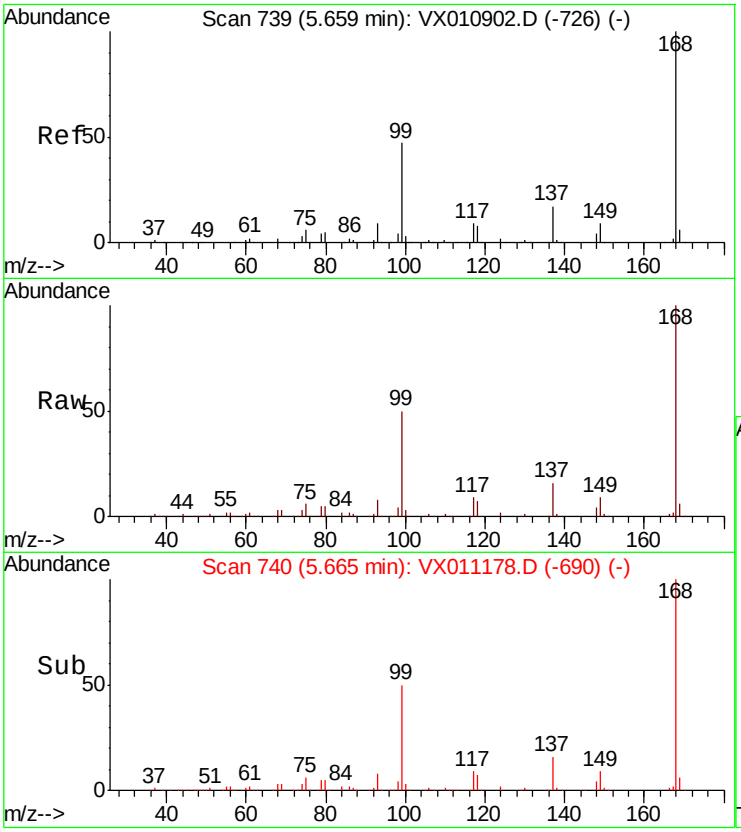
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072919\
Data File : VX011178.D
Acq On : 30 Jul 2019 05:03
Operator : JC/SP
Sample : PB121753ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#01

Quant Time: Jul 30 08:08:43 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



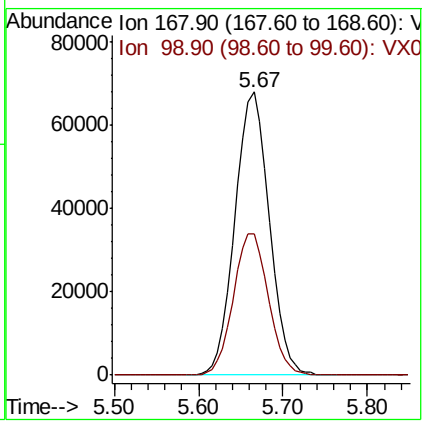


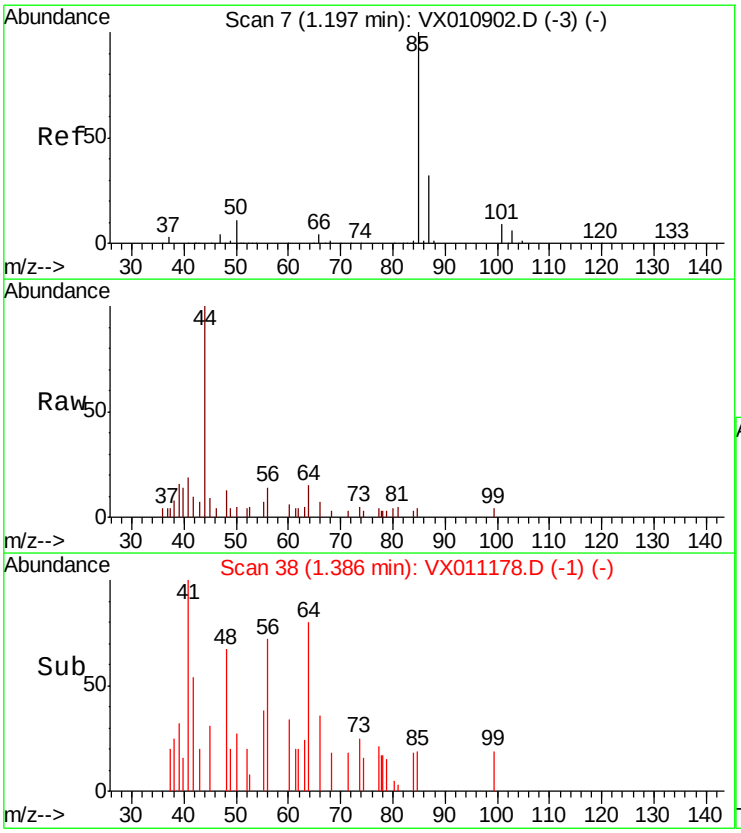
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#01

Tgt Ion:168 Resp: 187820

Ion	Ratio	Lower	Upper
168	100		
99	49.9	37.6	56.4

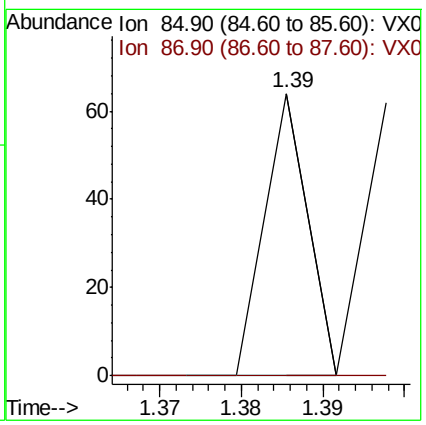


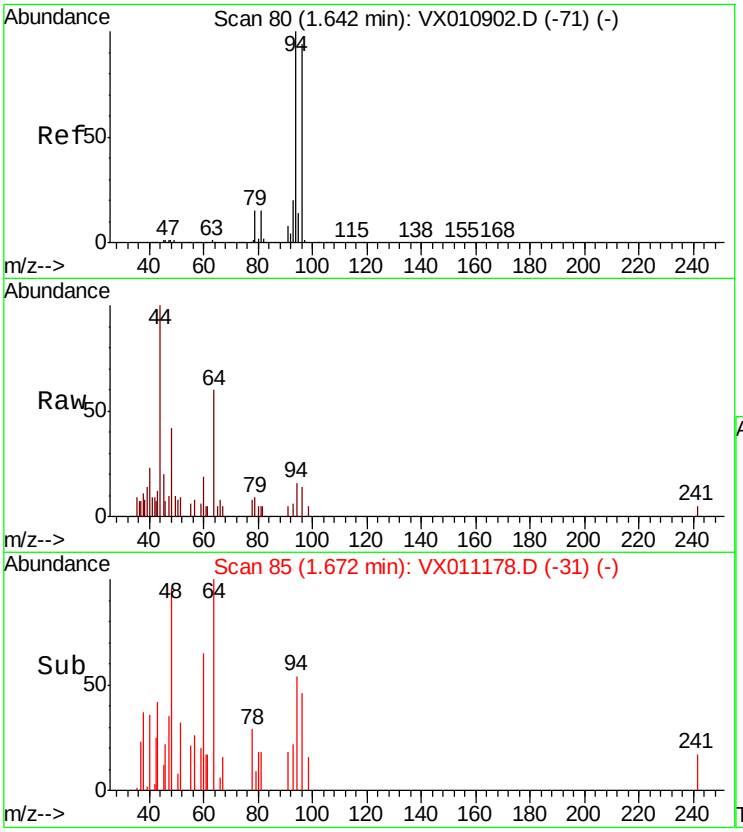


#2
Dichlorodifluoromethane
Concen: 0.558 ug/l
RT: 1.39 min Scan# 38
Delta R.T. 0.19 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Tgt Ion: 85 Resp: 23

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



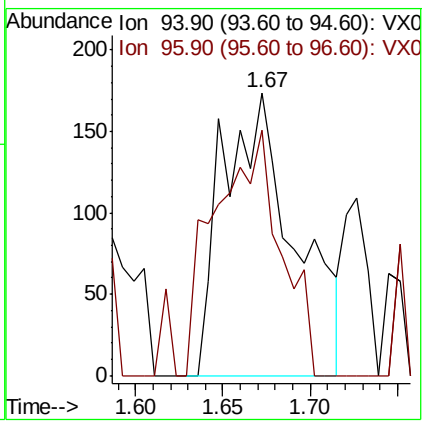


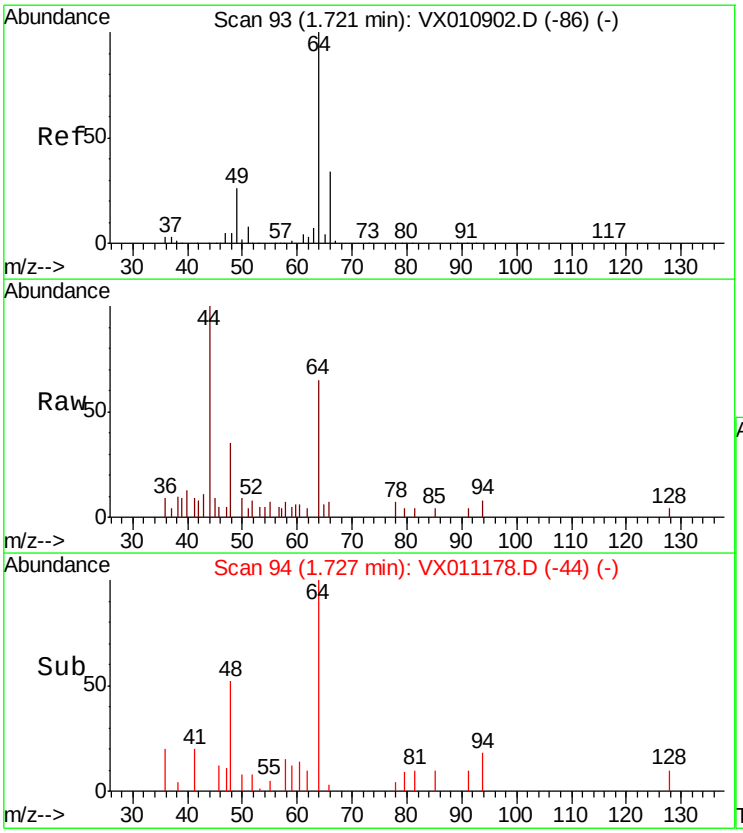
#5
Bromomethane
Concen: 0.500 ug/l
RT: 1.67 min Scan# 85
Delta R.T. 0.03 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#01

Tgt Ion: 94 Resp: 496

Ion	Ratio	Lower	Upper
94	100		
96	86.8	75.6	113.4

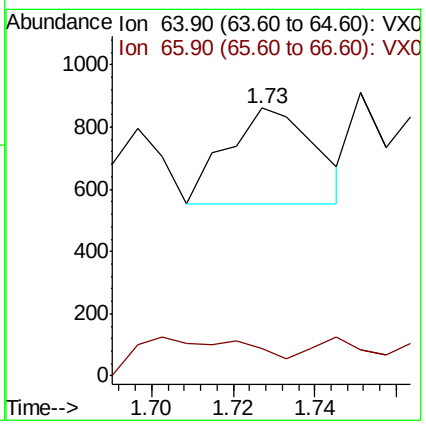


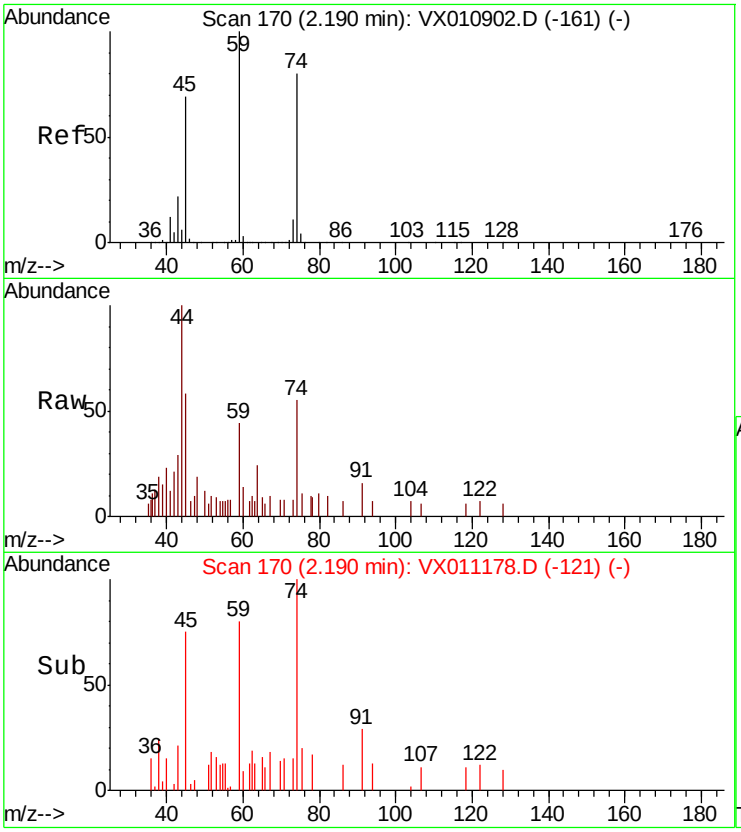


#6
Chloroethane
Concen: 0.411 ug/l
RT: 1.73 min Scan# 94
Delta R.T. 0.01 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Tgt Ion: 64 Resp: 460

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.0	40.6#



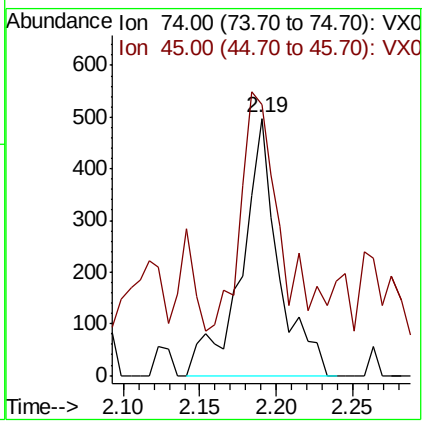


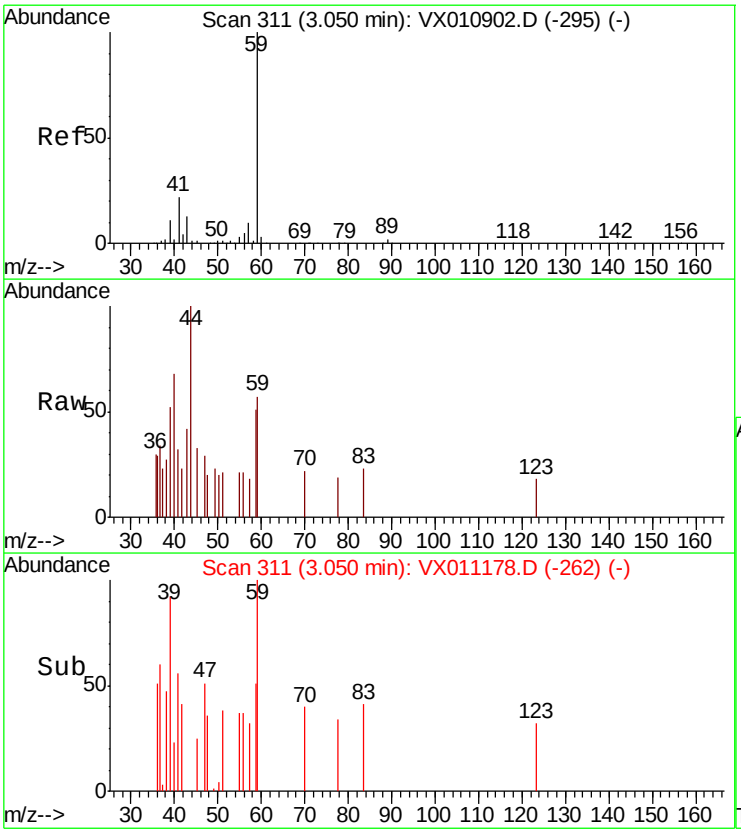
#8
Diethyl Ether
Concen: 0.811 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#01

Tgt Ion: 74 Resp: 833

Ion	Ratio	Lower	Upper
74	100		
45	98.2	45.5	136.5

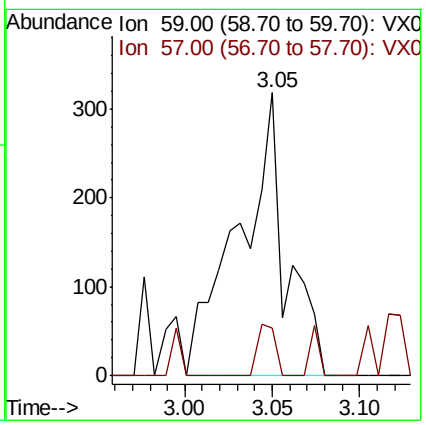


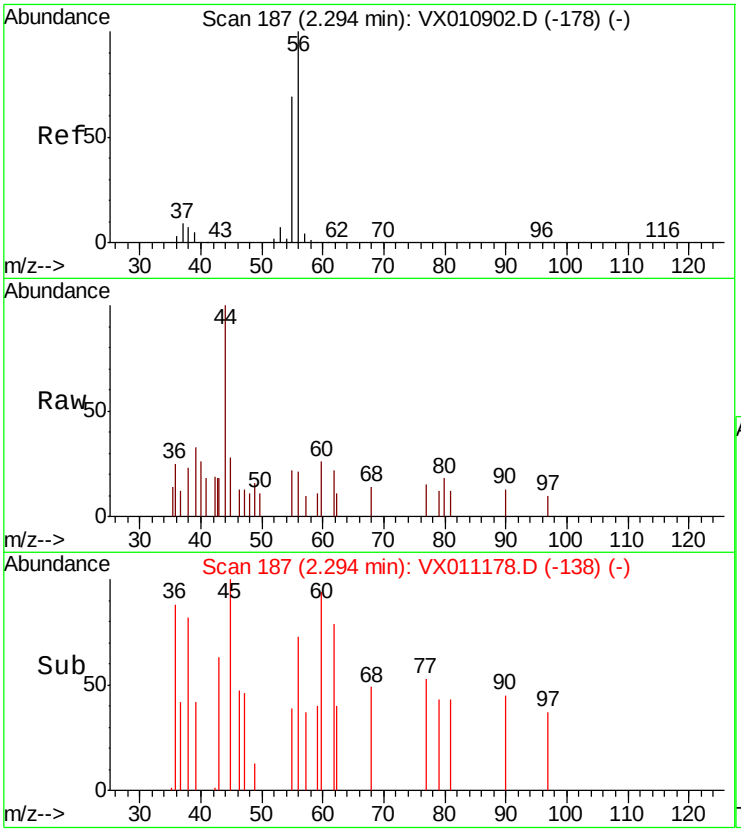


#11
Tert butyl alcohol
Concen: 1.298 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Tgt Ion: 59 Resp: 604

Ion	Ratio	Lower	Upper
59	100		
57	6.8	7.9	11.9#



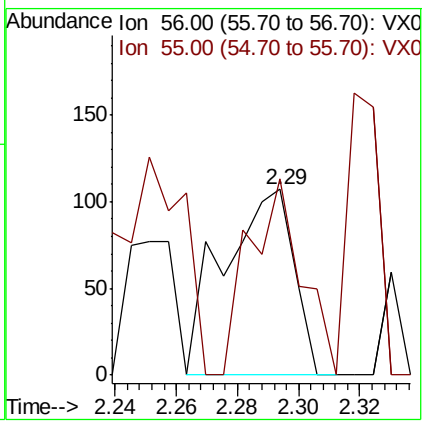


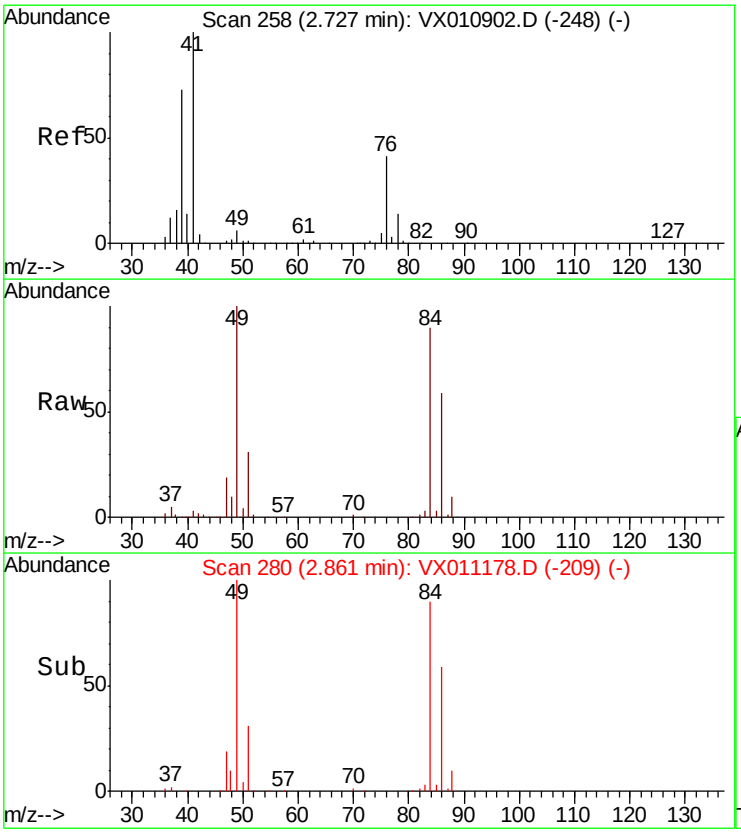
#13
Acrolein
Concen: 0.636 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#01

Tgt Ion: 56 Resp: 171

Ion	Ratio	Lower	Upper
56	100		
55	78.9	55.9	83.9

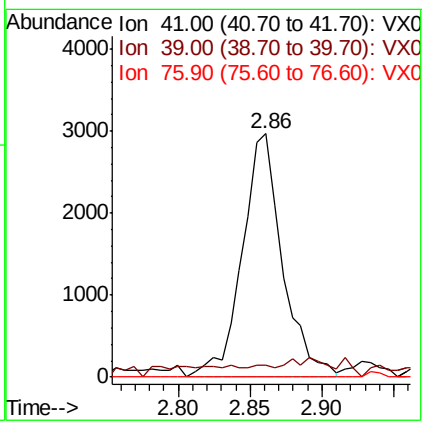


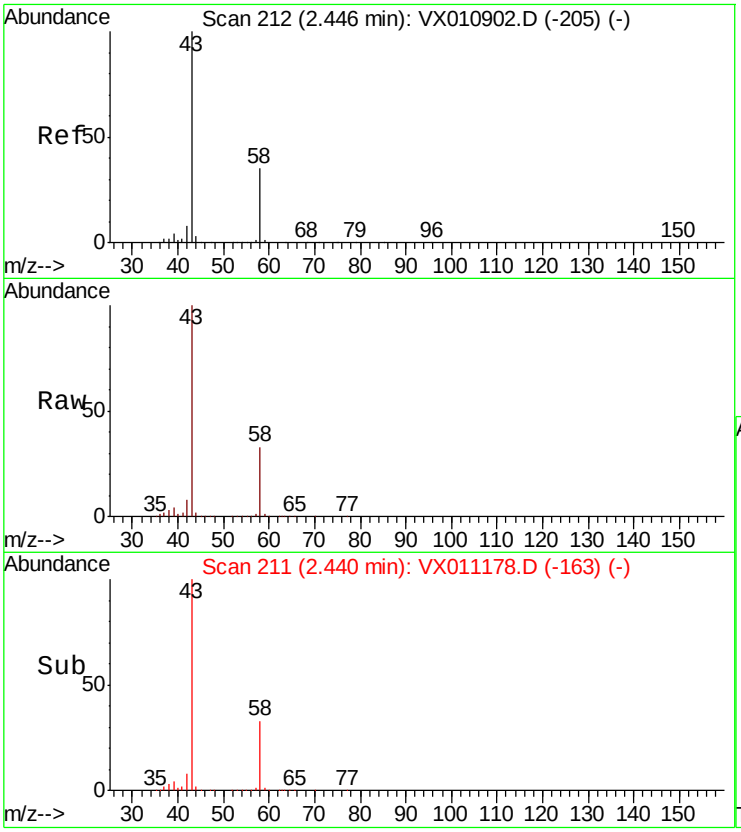


#14
Allyl chloride
Concen: 2.360 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.13 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Tgt Ion: 41 Resp: 5734

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



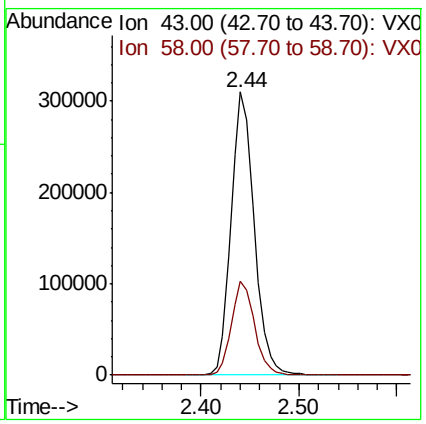


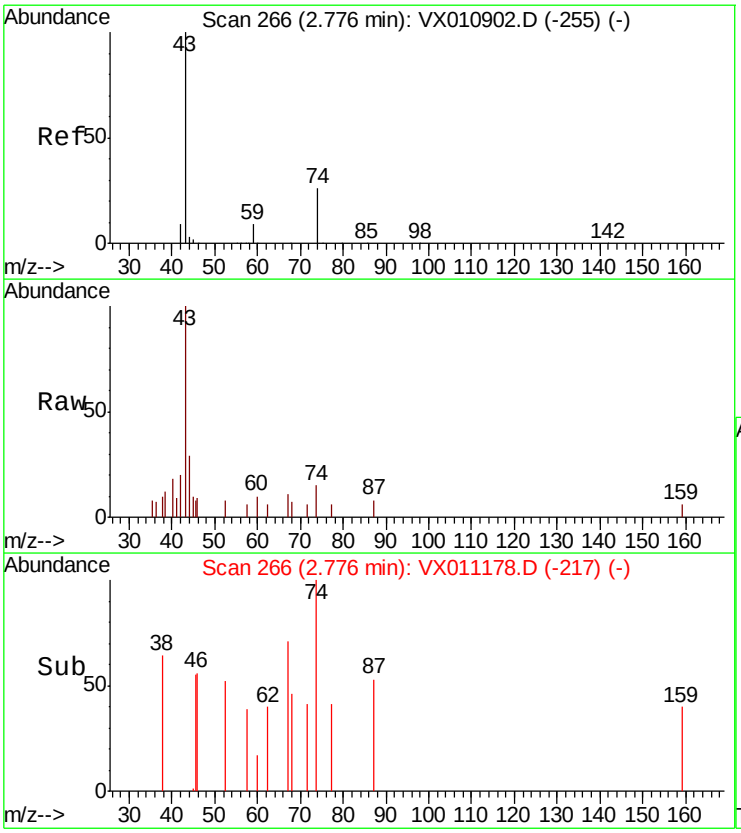
#16
Acetone
Concen: 564.983 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#01

Tgt Ion: 43 Resp: 509867

Ion	Ratio	Lower	Upper
43	100		
58	33.3	27.7	41.5

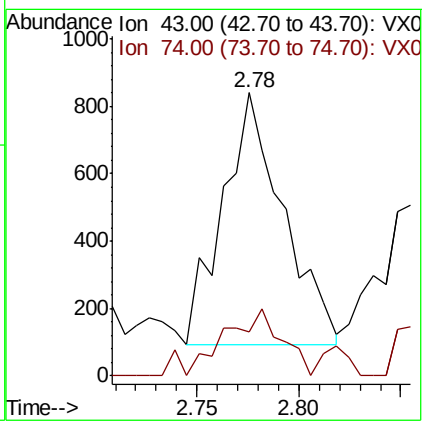


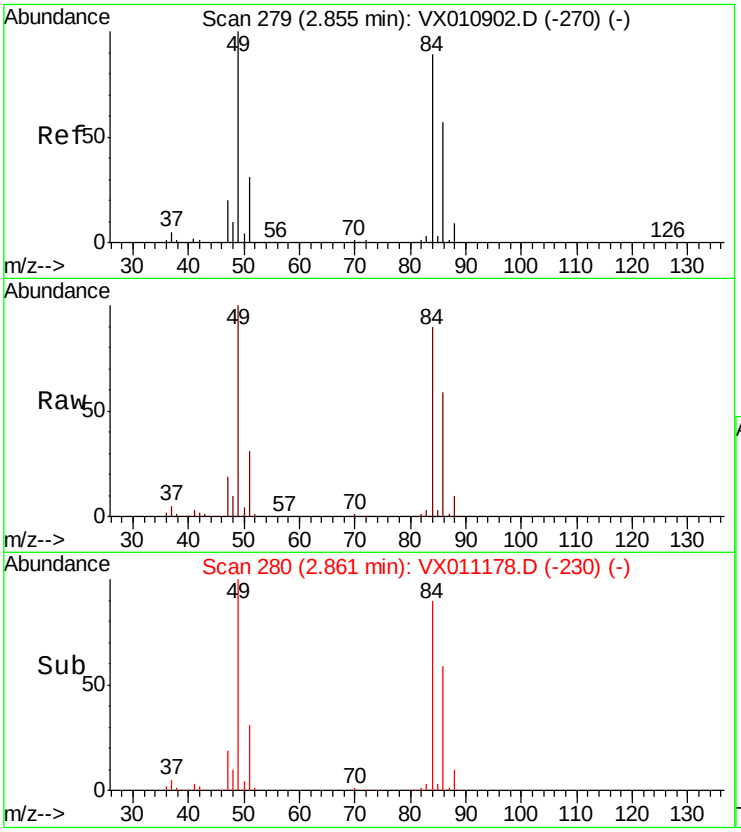


#18
Methyl Acetate
Concen: 0.752 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Tgt Ion: 43 Resp: 1545

Ion	Ratio	Lower	Upper
43	100		
74	24.5	21.5	32.3



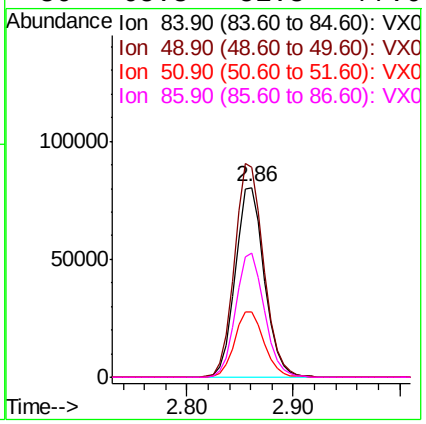


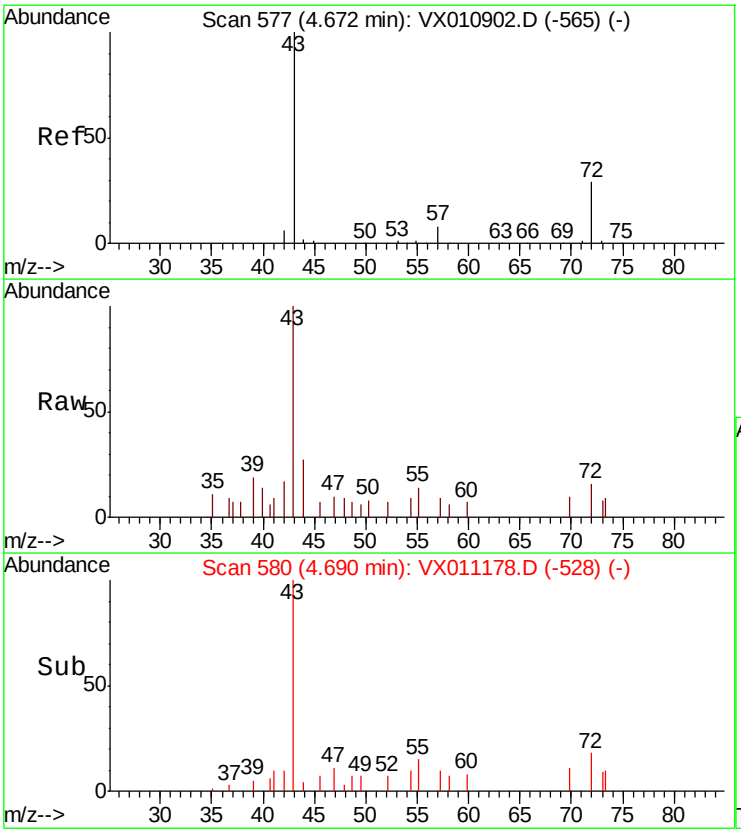
#20
Methylene Chloride
Concen: 80.979 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#01

Tgt Ion: 84 Resp: 154871

Ion	Ratio	Lower	Upper
84	100		
49	110.8	89.9	134.9
51	34.6	27.8	41.6
86	65.3	51.8	77.6

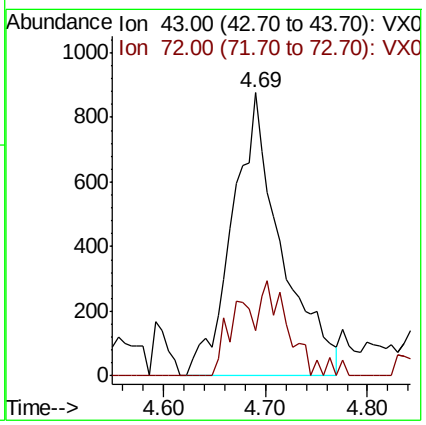


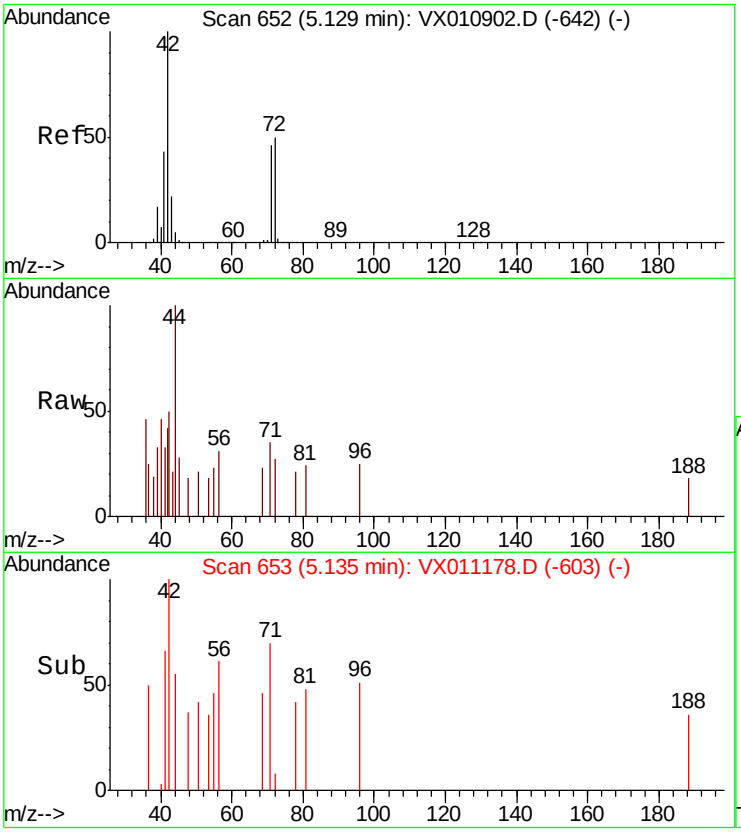


#25
2-Butanone
Concen: 2.248 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Tgt Ion: 43 Resp: 2912

Ion	Ratio	Lower	Upper
43	100		
72	16.0	23.0	34.6#



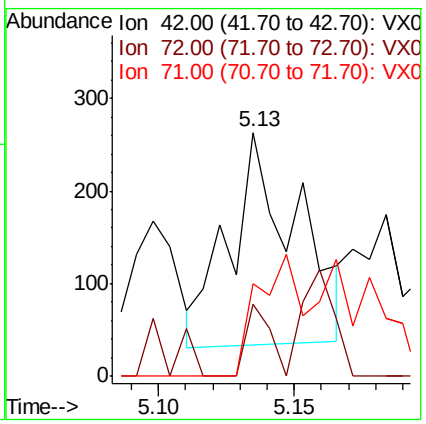


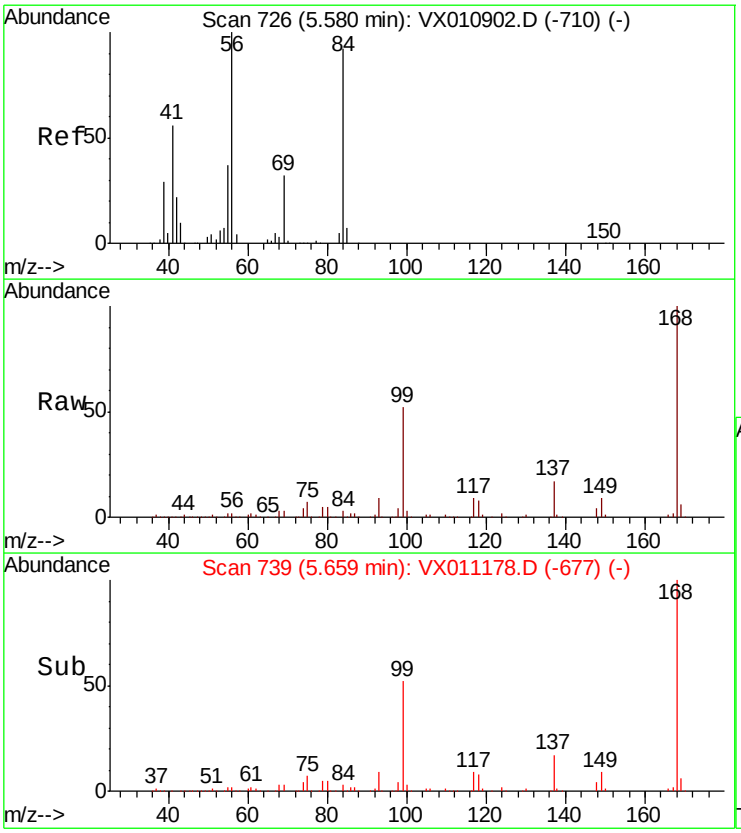
#29
Tetrahydrofuran
Concen: 0.478 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#01

Tgt Ion: 42 Resp: 392

Ion	Ratio	Lower	Upper
42	100		
72	12.2	39.8	59.8#
71	0.0	37.0	55.4#

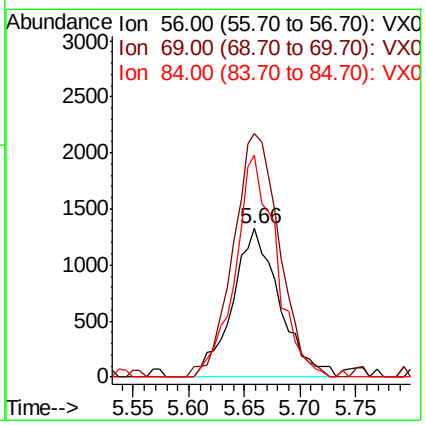


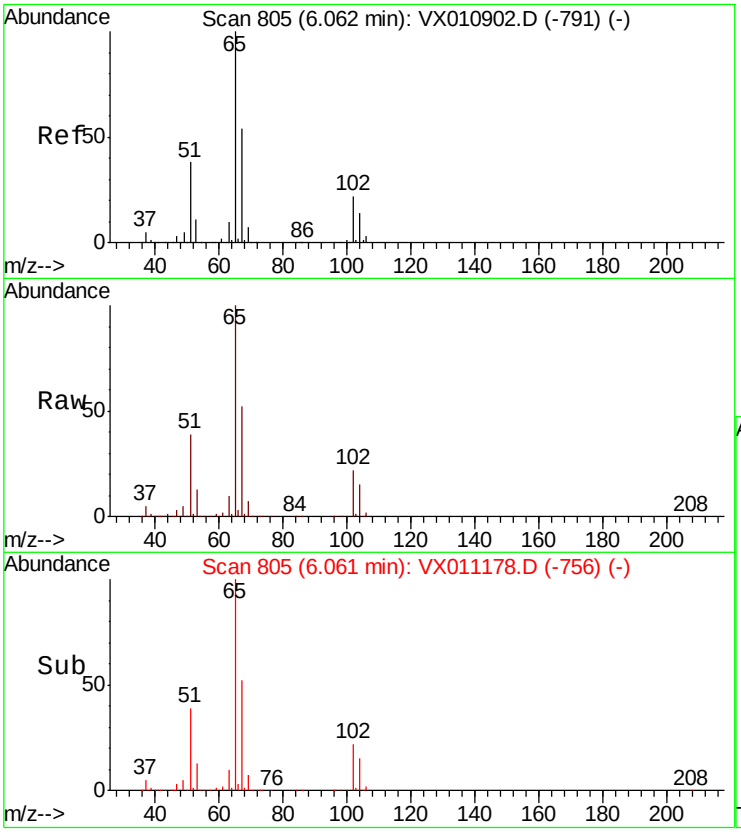


#31
Cyclohexane
Concen: 1.431 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Tgt Ion: 56 Resp: 3881

Ion	Ratio	Lower	Upper
56	100		
69	164.0	25.8	38.8#
84	149.7	73.8	110.6#



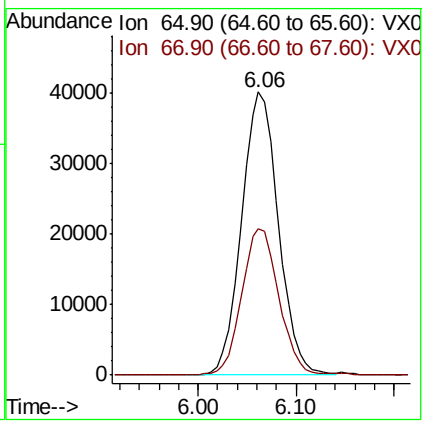


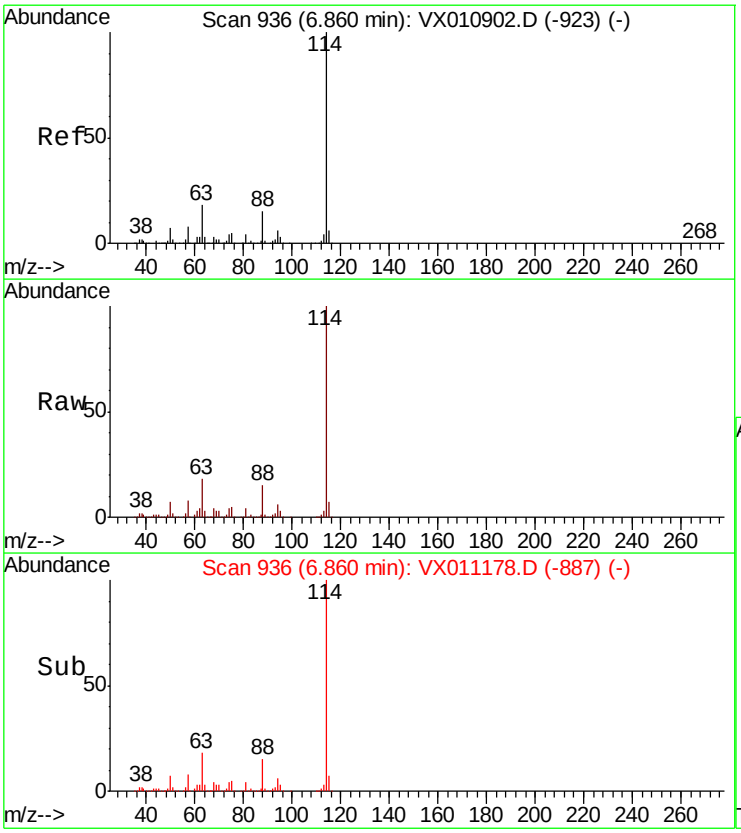
#33
1,2-Dichloroethane-d4
Concen: 52.337 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#01

Tgt Ion: 65 Resp: 104576

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	107.8

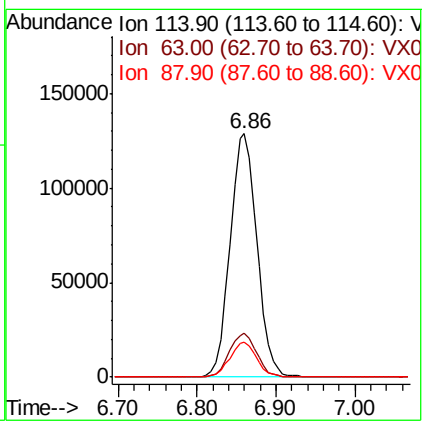


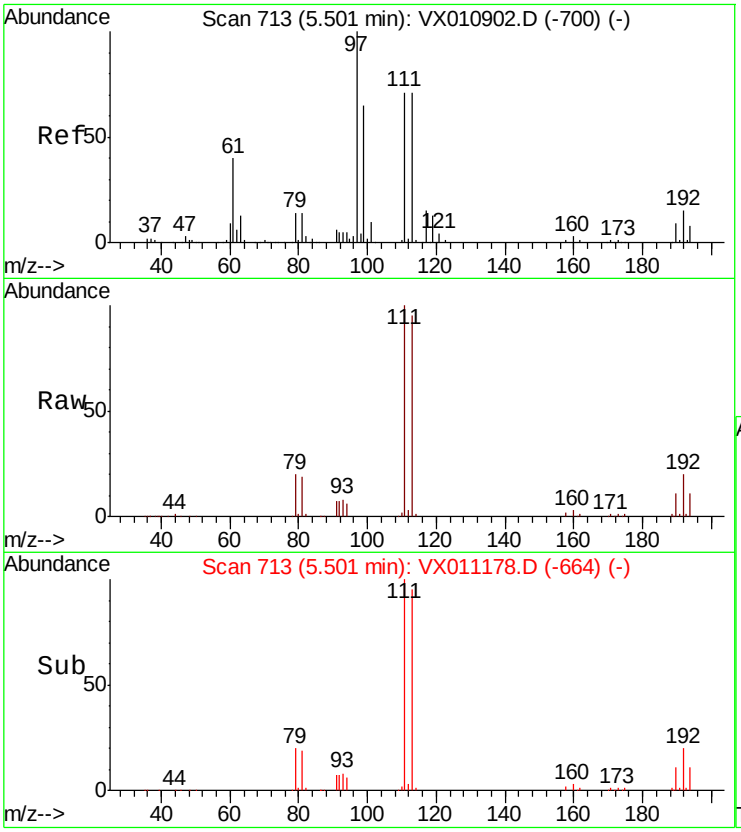


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Tgt Ion:114 Resp: 304892

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.6
88	14.6	0.0	29.8



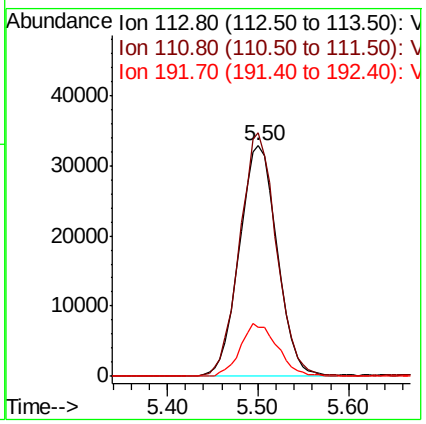


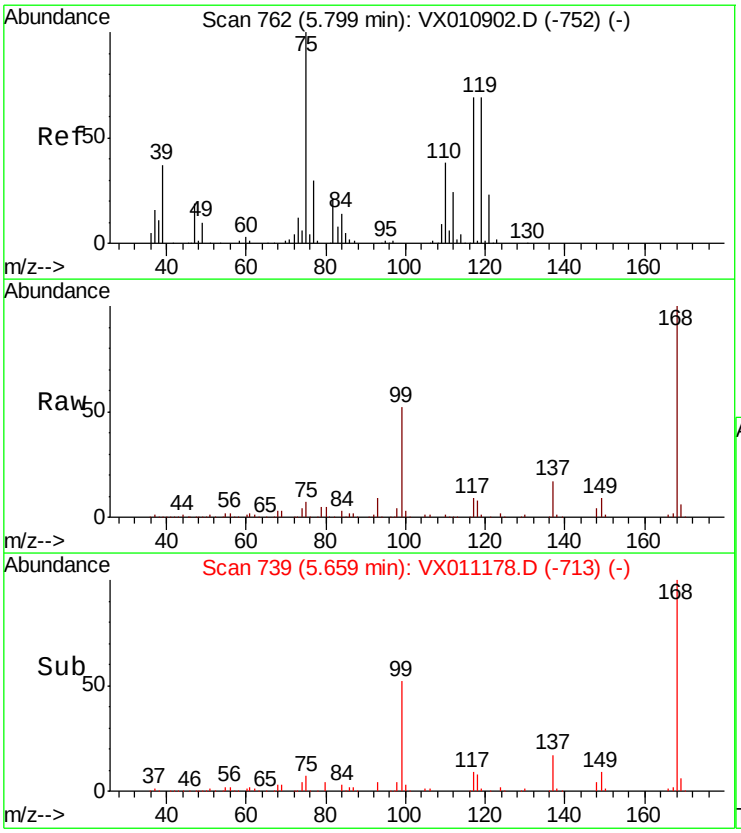
#35
Dibromofluoromethane
Concen: 49.073 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#01

Tgt Ion:113 Resp: 94966

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.3	123.5
192	22.3	17.4	26.2

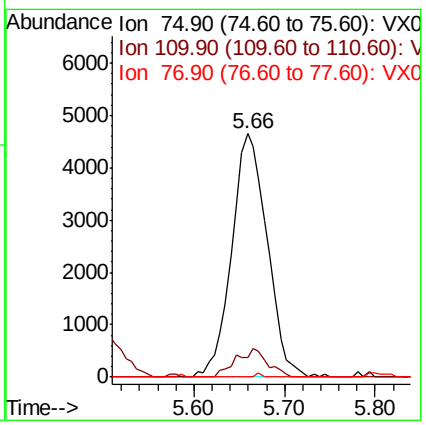


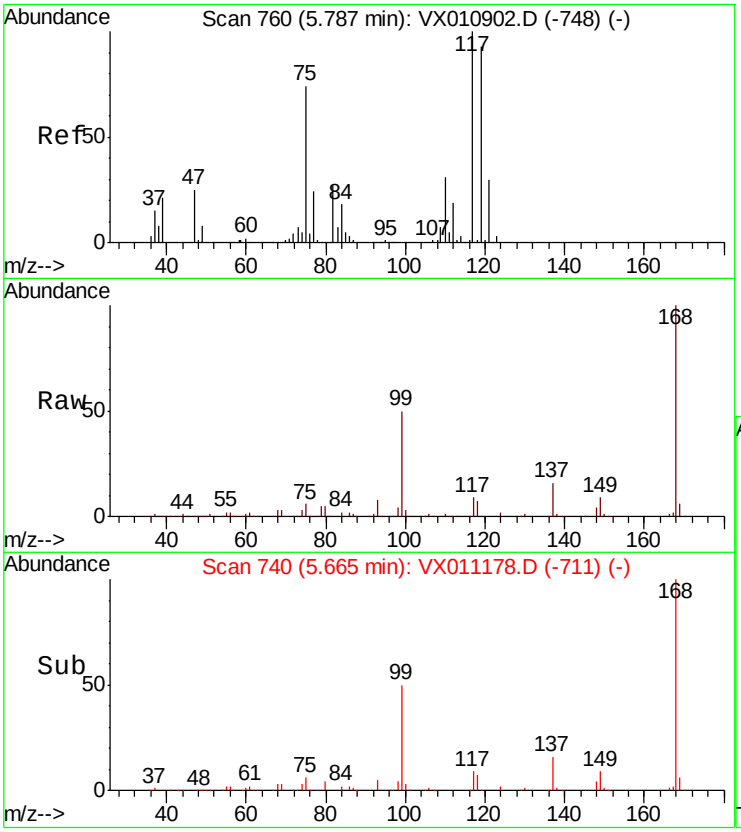


#36
1,1-Dichloropropene
Concen: 5.035 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Tgt Ion: 75 Resp: 12610

Ion	Ratio	Lower	Upper
75	100		
110	10.4	19.9	59.7#
77	0.2	25.0	37.4#



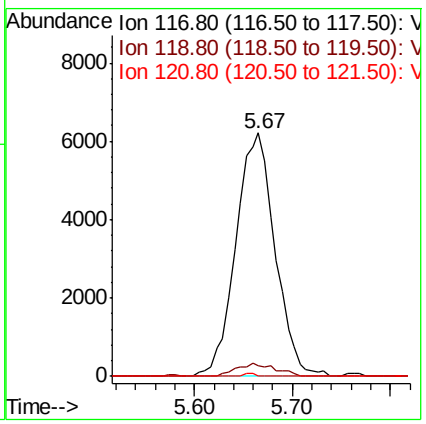


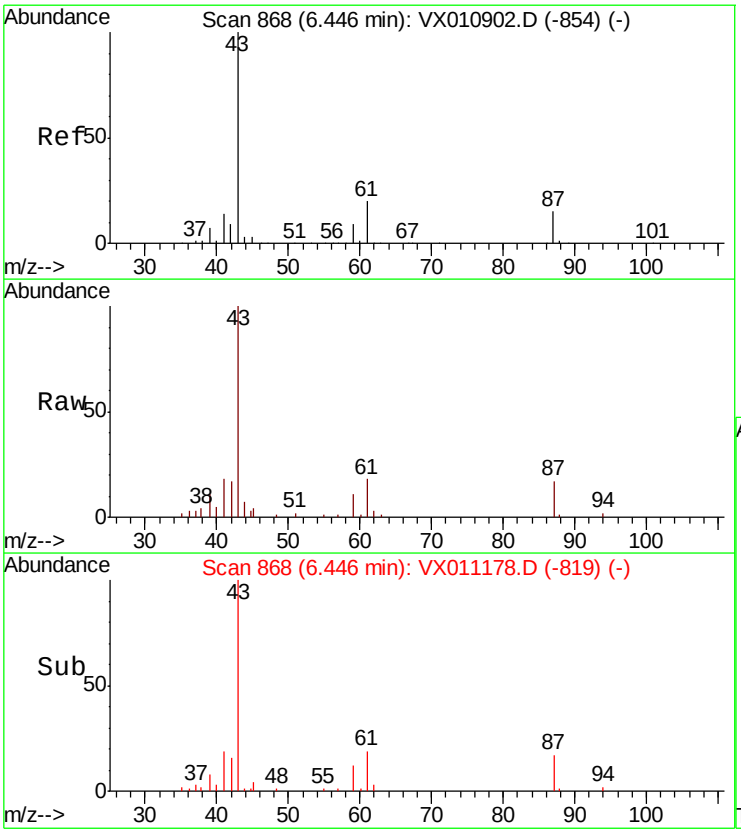
#38
Carbon Tetrachloride
Concen: 6.586 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#01

Tgt Ion:117 Resp: 17188

Ion	Ratio	Lower	Upper
117	100		
119	4.5	74.2	111.2#
121	0.0	24.2	36.2#

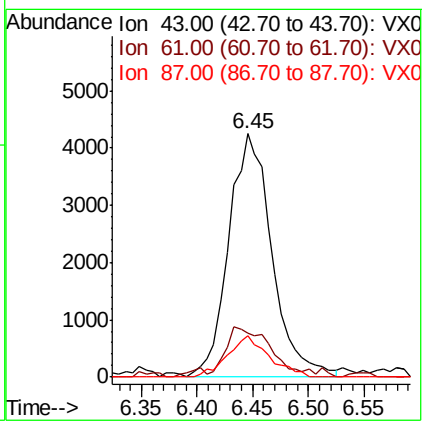


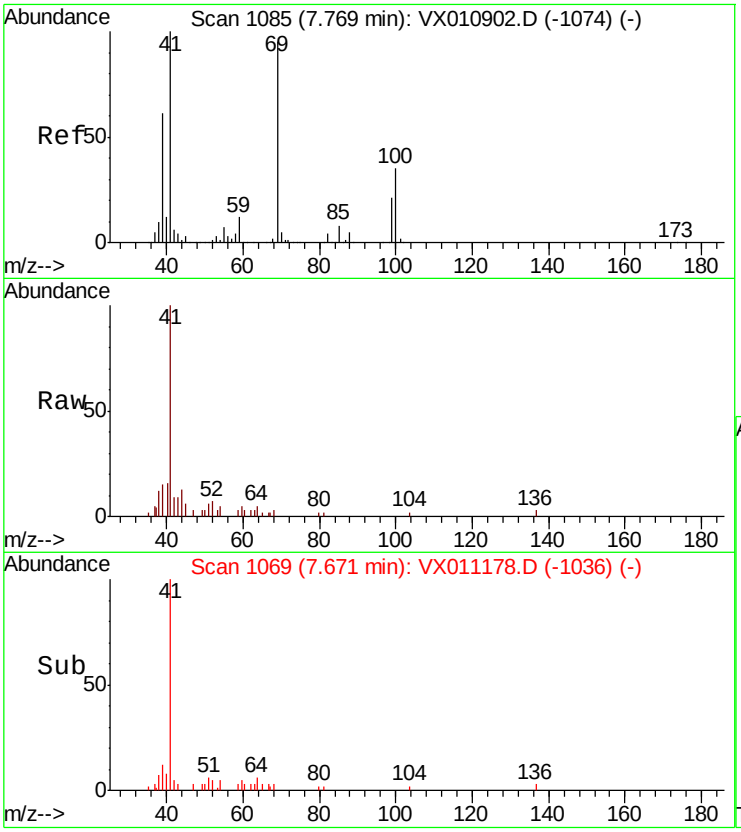


#43
Isopropyl Acetate
Concen: 2.724 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Tgt Ion: 43 Resp: 11488

Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.1	25.7
87	16.2	12.0	18.0



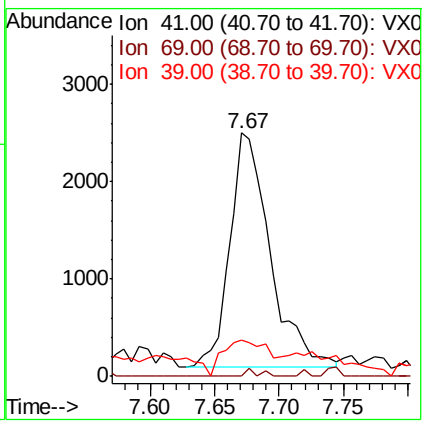


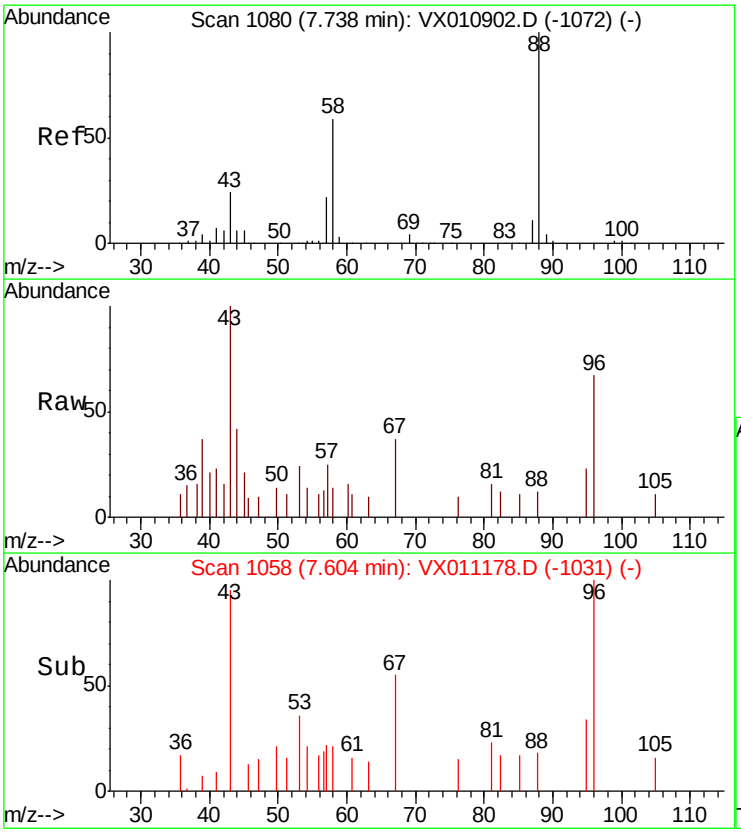
#48
Methyl methacrylate
Concen: 2.536 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.10 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#01

Tgt Ion: 41 Resp: 5210

Ion	Ratio	Lower	Upper
41	100		
69	1.0	74.4	111.6#
39	0.0	48.9	73.3#

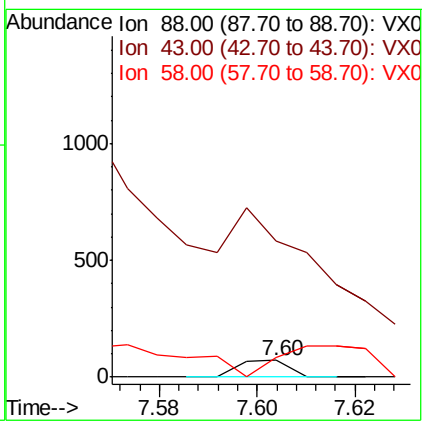


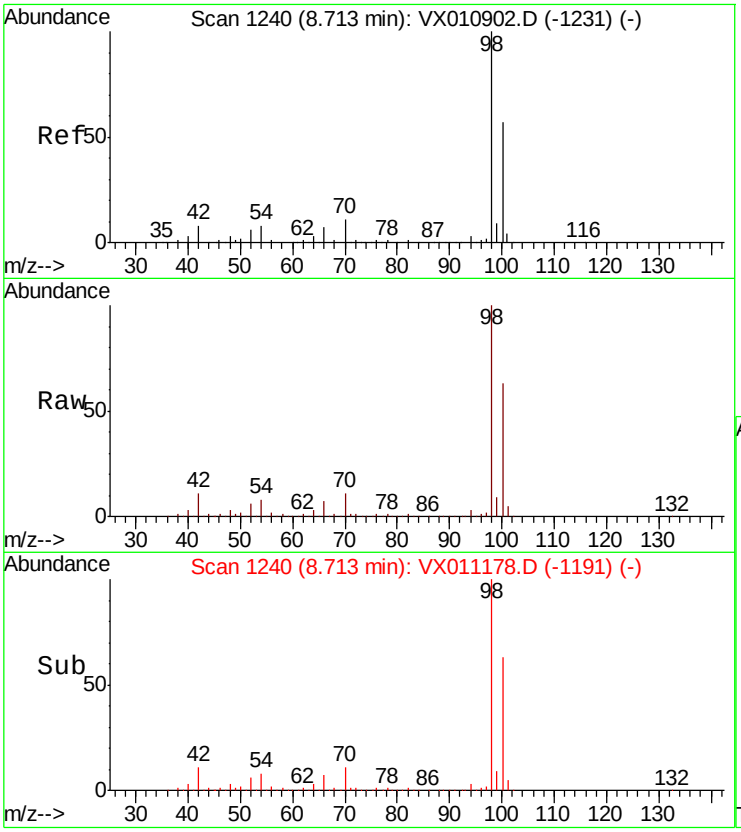


#49
1,4-Dioxane
Concen: 0.905 ug/l
RT: 7.60 min Scan# 1058
Delta R.T. -0.13 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Tgt Ion: 88 Resp: 52

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	330.8	49.8	74.8#



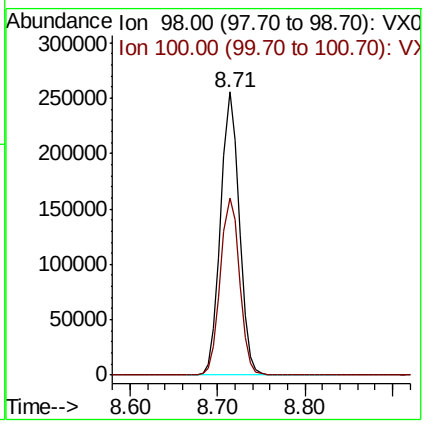


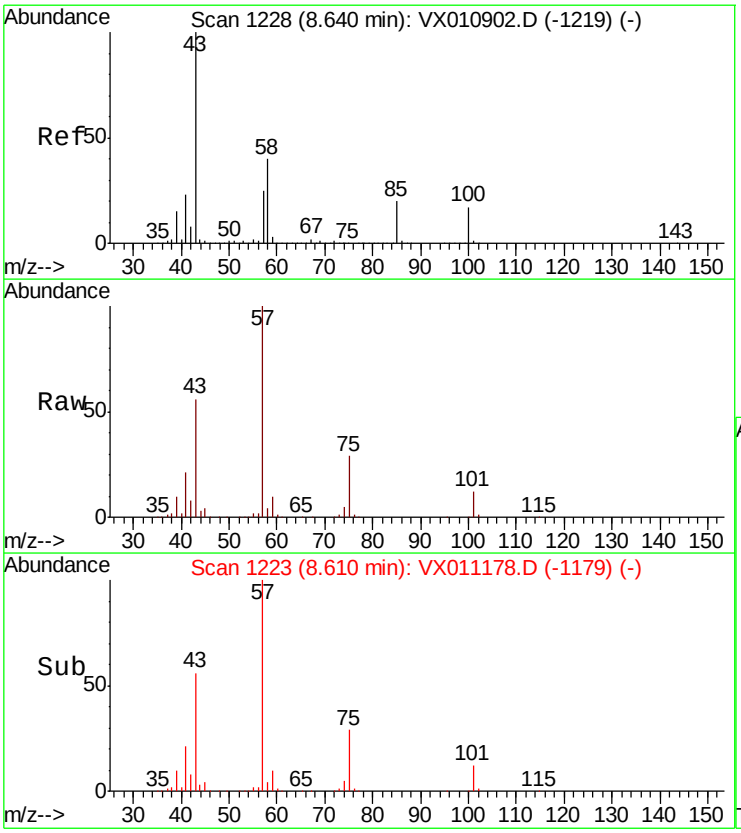
#50
Toluene-d8
Concen: 52.073 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#01

Tgt Ion: 98 Resp: 377960

Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.6	75.8

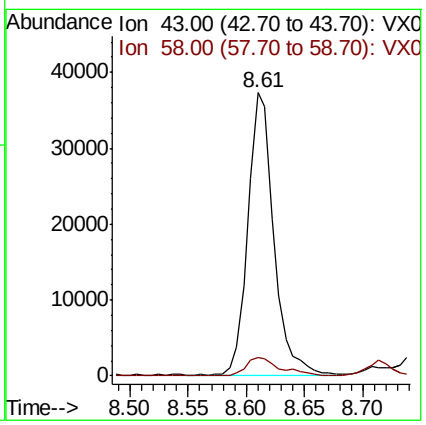


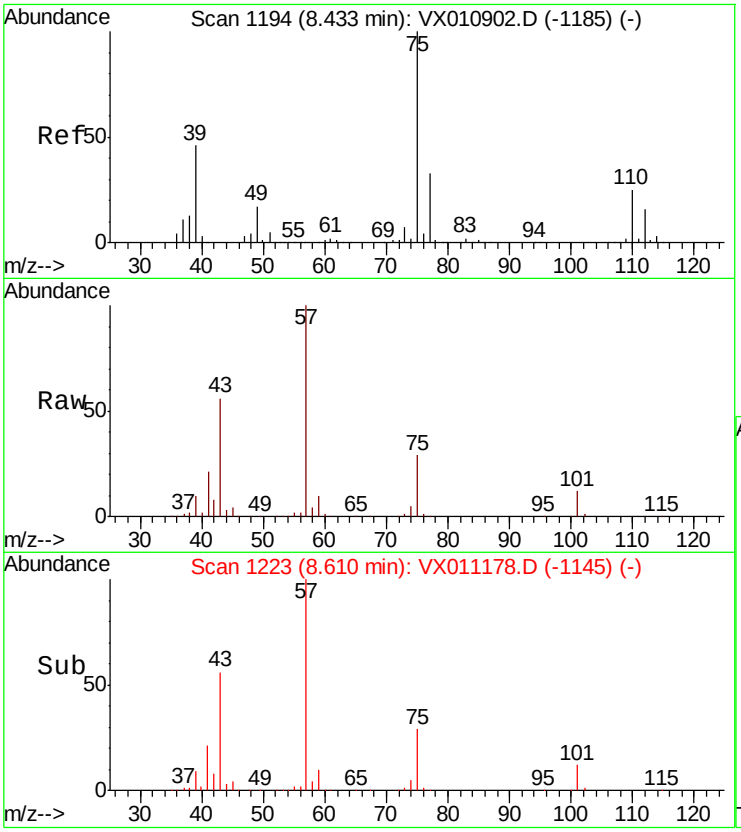


#51
4-Methyl-2-Pentanone
Concen: 21.118 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Tgt Ion: 43 Resp: 57726

Ion	Ratio	Lower	Upper
43	100		
58	8.6	32.2	48.4#



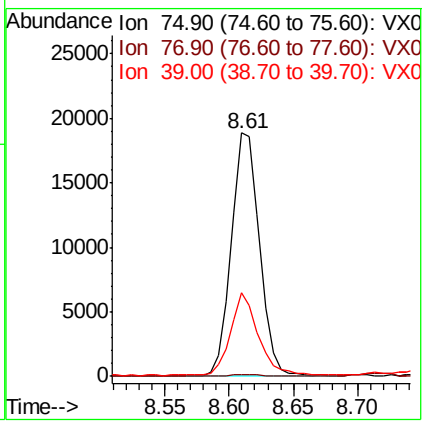


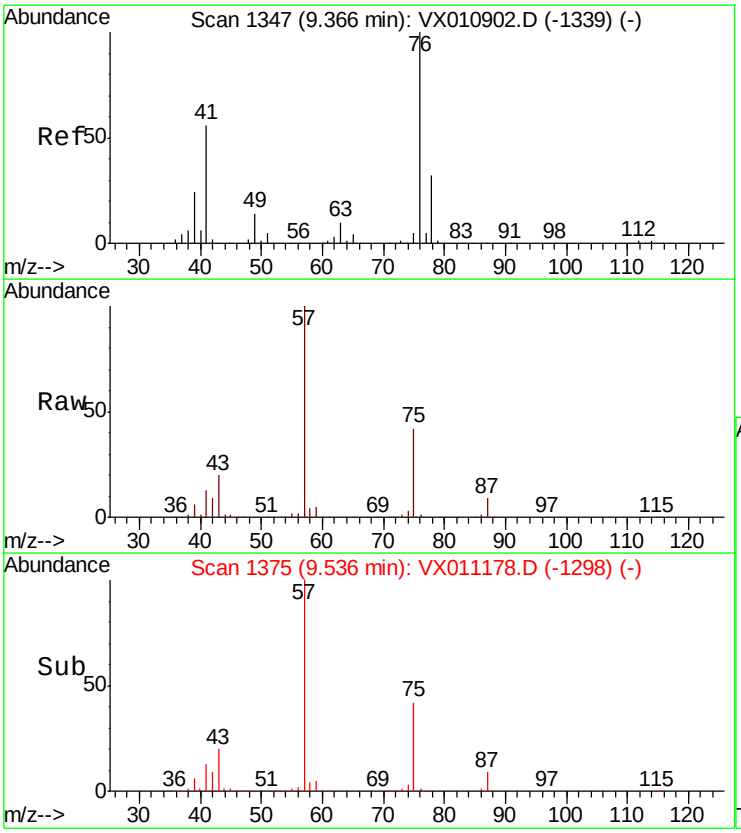
#54
cis-1,3-Dichloropropene
Concen: 9.719 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#01

Tgt Ion: 75 Resp: 28881

Ion	Ratio	Lower	Upper
75	100		
77	0.5	26.1	39.1#
39	33.5	36.6	54.8#

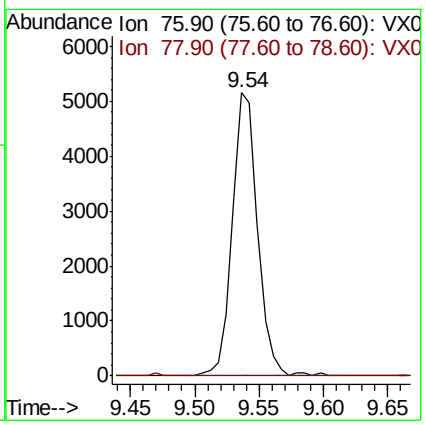


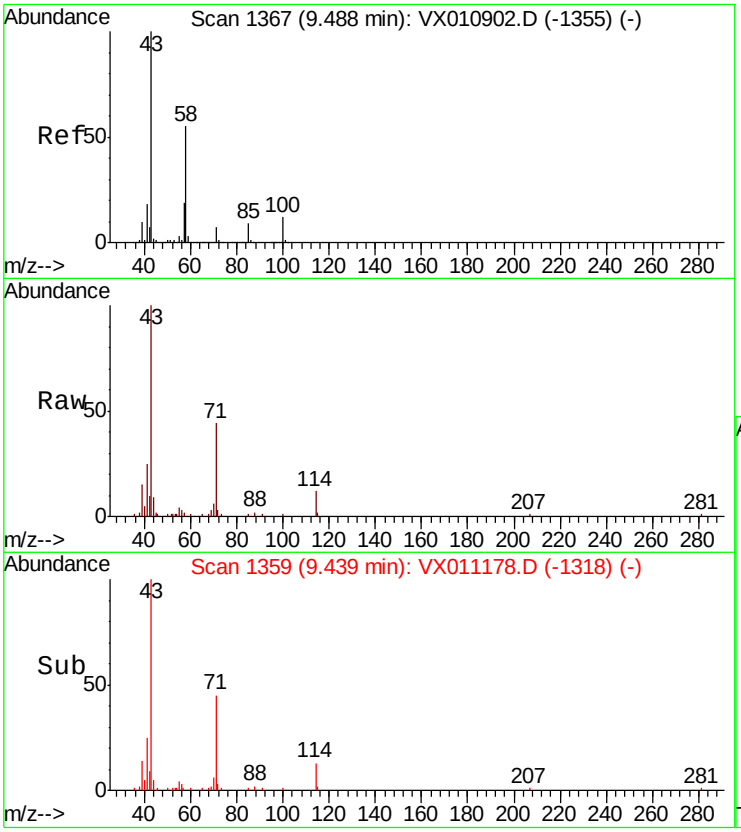


#57
1,3-Dichloropropane
Concen: 2.150 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Tgt Ion: 76 Resp: 7077

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



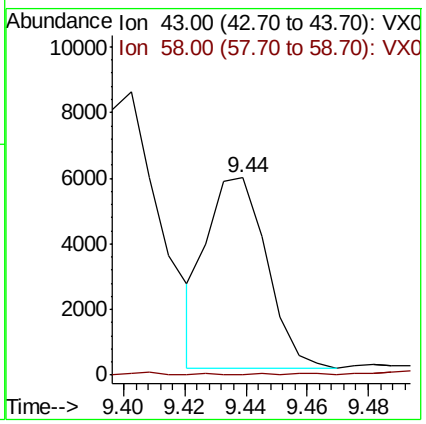


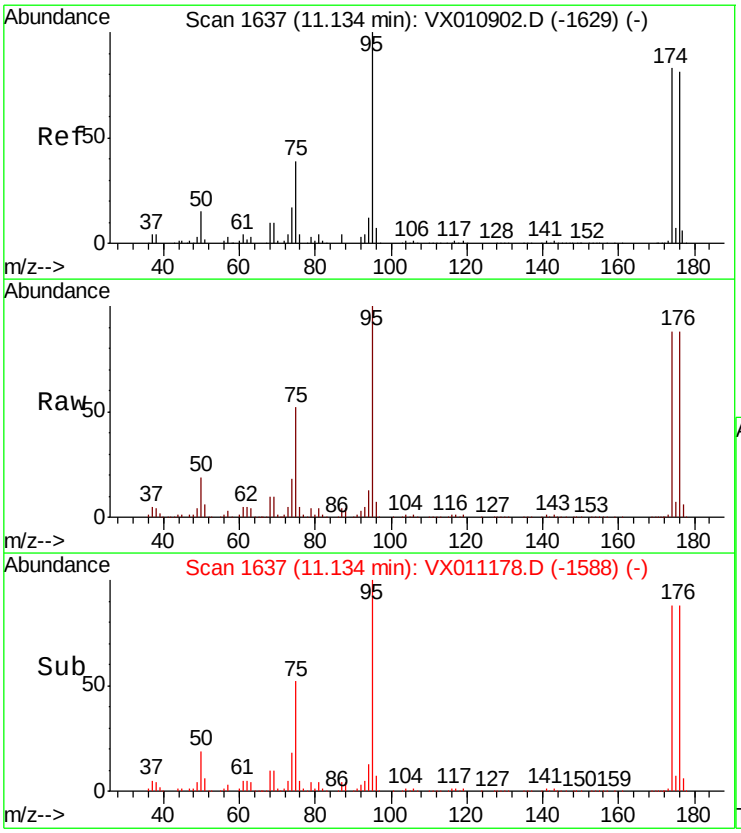
#59
2-Hexanone
Concen: 3.672 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#01

Tgt Ion: 43 Resp: 7785

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.0	83.9#

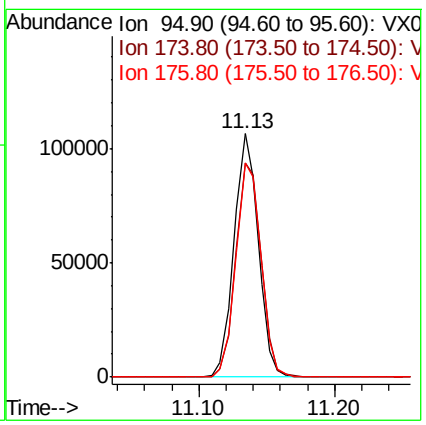


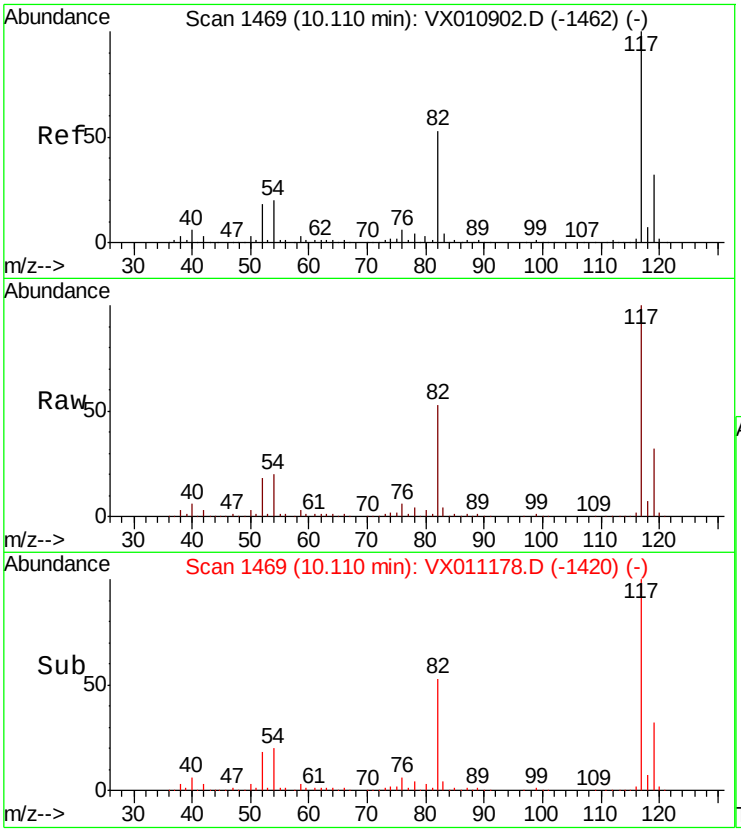


#62
4-Bromofluorobenzene
Concen: 49.509 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Tgt Ion: 95 Resp: 132087

Ion	Ratio	Lower	Upper
95	100		
174	92.2	0.0	180.6
176	91.1	0.0	173.8



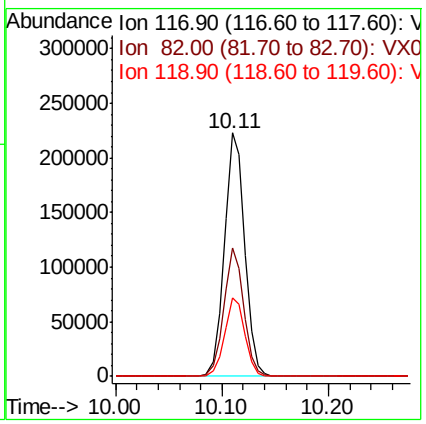


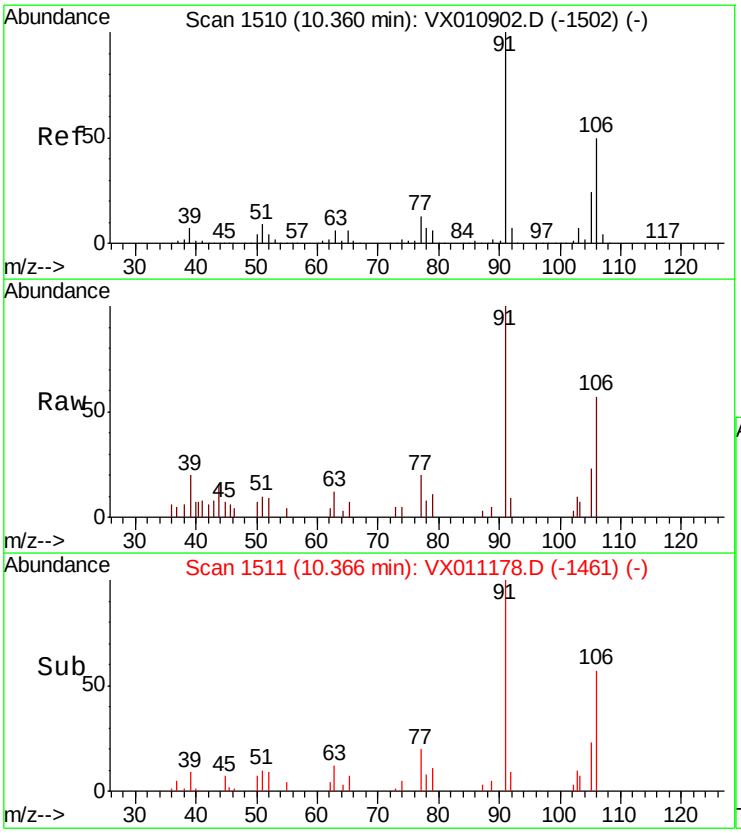
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#01

Tgt Ion:117 Resp: 296863

Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.6	63.8
119	32.1	25.9	38.9

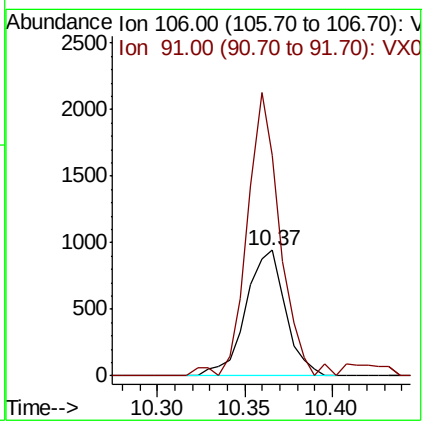


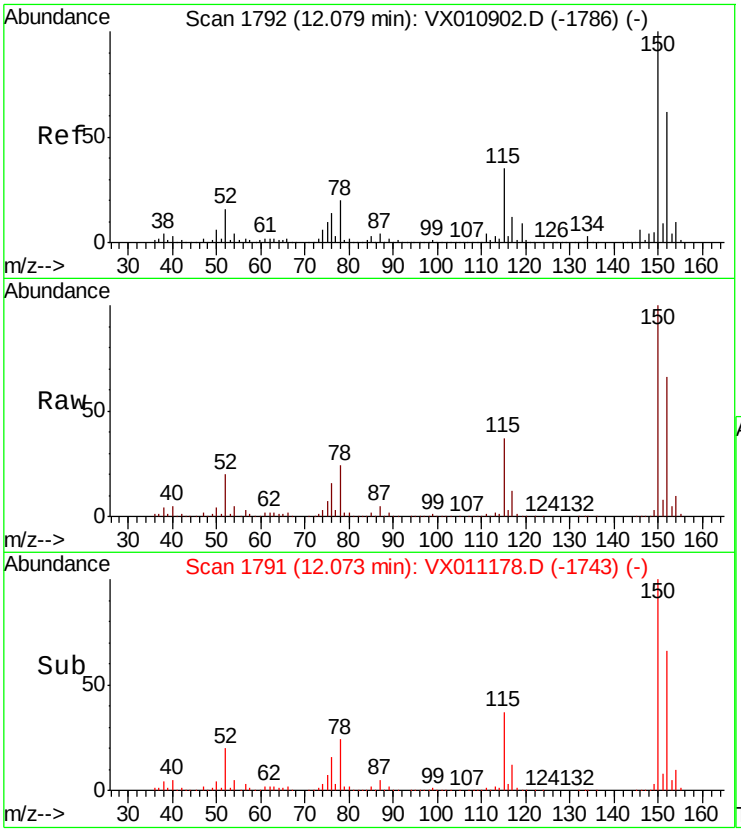


#68
m/p-Xylenes
Concen: 0.374 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Tgt Ion:106 Resp: 1489

Ion	Ratio	Lower	Upper
106	100		
91	185.4	160.1	240.1



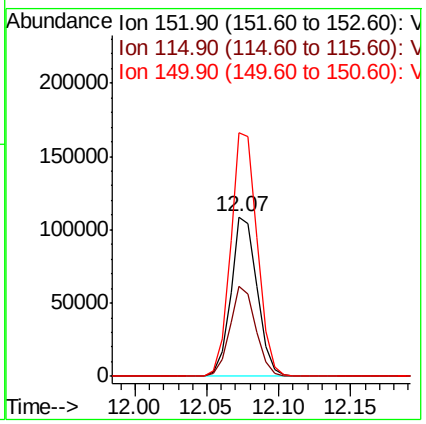


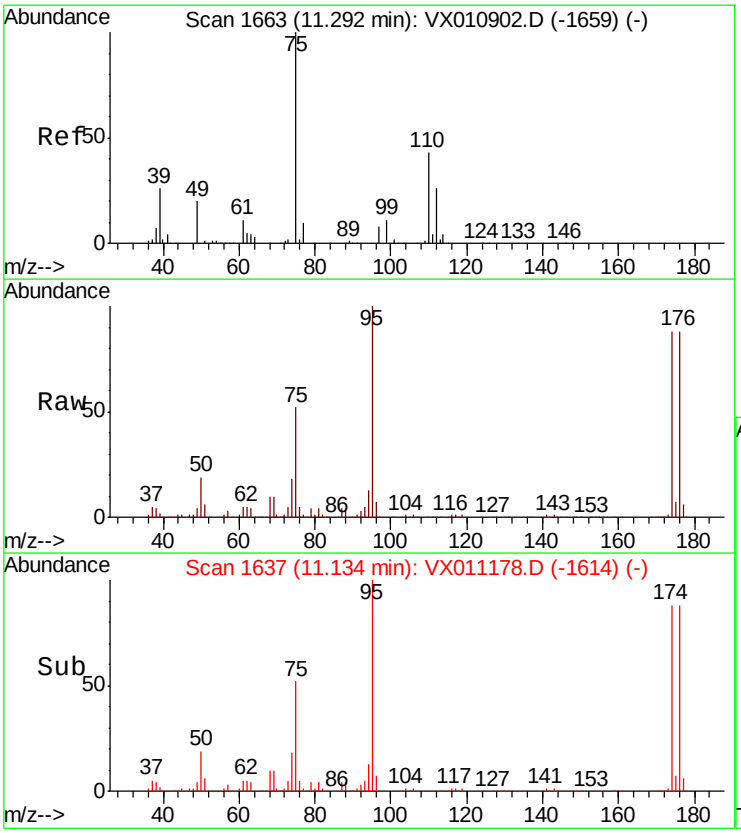
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#01

Tgt Ion:152 Resp: 138318

Ion	Ratio	Lower	Upper
152	100		
115	56.1	39.7	119.1
150	155.1	0.0	345.6

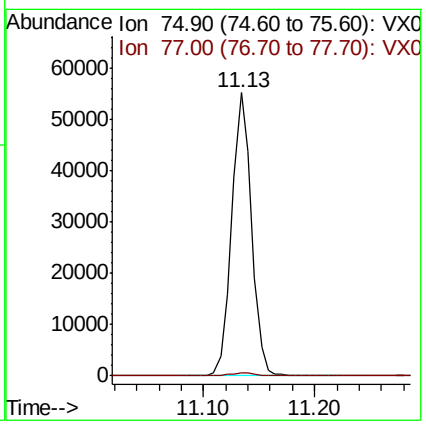


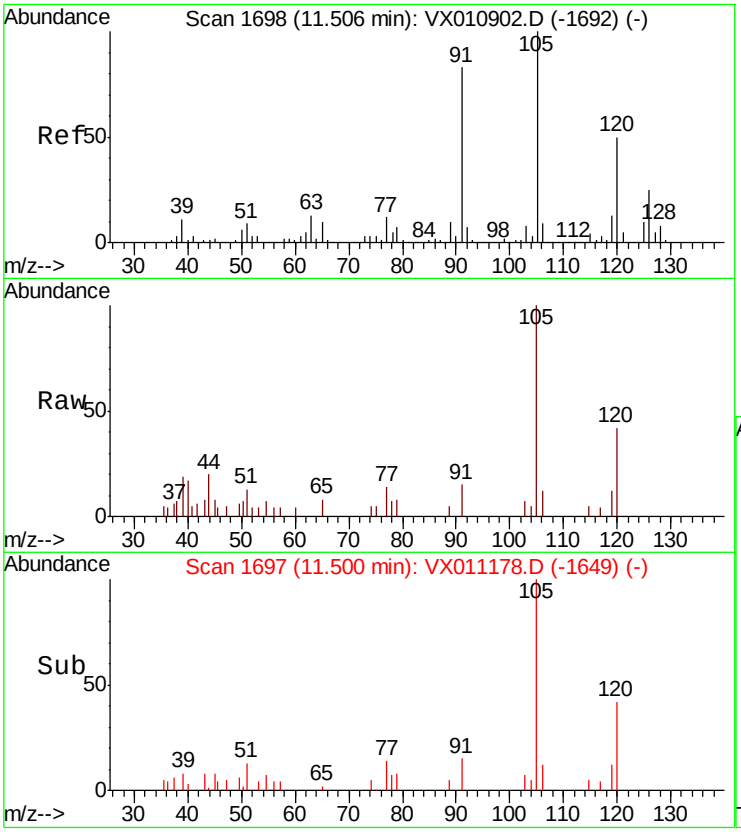


#76
1,2,3-Trichloropropane
Concen: 27.102 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Tgt Ion: 75 Resp: 67647

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.3	64.0#



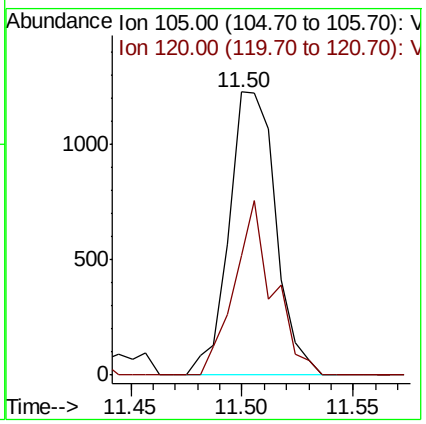


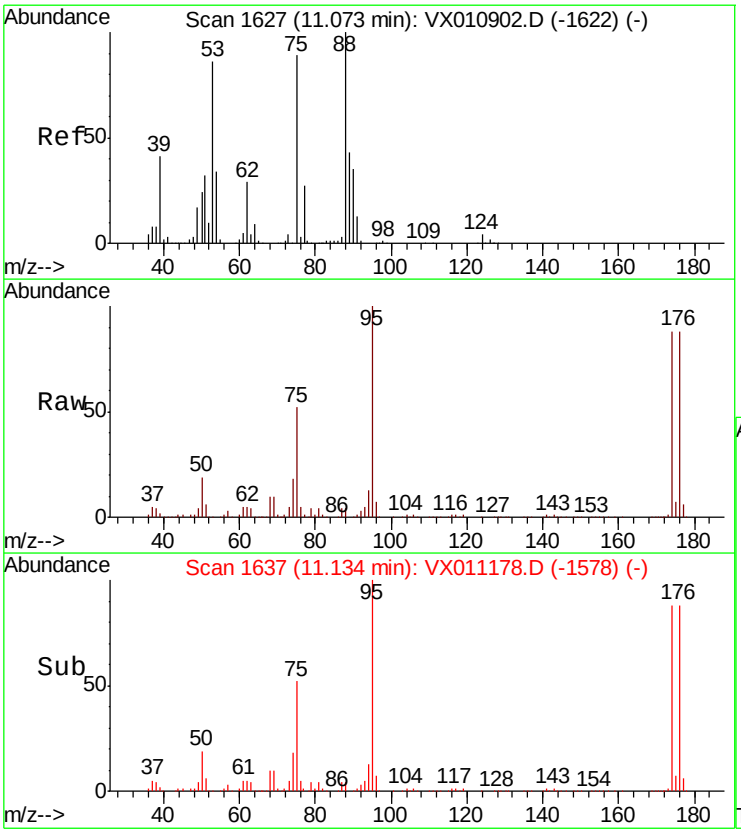
#80
1,3,5-Trimethylbenzene
Concen: 0.231 ug/l
RT: 11.50 min Scan# 1697
Delta R.T. -0.01 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#01

Tgt Ion:105 Resp: 1804

Ion	Ratio	Lower	Upper
105	100		
120	51.4	24.6	73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 67.179 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011178.D
Acq: 30 Jul 2019 05:03

Tgt Ion: 75 Resp: 67647

Ion	Ratio	Lower	Upper
75	100		
53	0.2	76.7	115.1#
89	0.1	38.5	57.7#