Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080519\
Data File : VX011336.D
Acq On : 05 Aug 2019 19:11
Operator : JC/SP
Sample : K4135-37
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Aug 06 02:40:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	182781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	267123	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	106635	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	89853	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.62%			
35) Dibromofluoromethane	5.49	113	80375	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.18%			
50) Toluene-d8	8.71	98	320927	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.50%			
62) 4-Bromofluorobenzene	11.13	95	100974	42.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.92%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	410	0.330	ug/l #	61
6) Chloroethane	1.73	64	484	Below Cal	#	62
8) Diethyl Ether	2.18	74	1070	0.966	ug/l	81
11) Tert butyl alcohol	3.01	59	2241	6.128	ug/l #	79
13) Acrolein	2.28	56	31	Below Cal	#	1
16) Acetone	2.43	43	7418	8.467	ug/l	99
18) Methyl Acetate	2.77	43	1193	0.596	ug/l #	88
20) Methylene Chloride	2.85	84	4997	2.604	ug/l	90
25) 2-Butanone	4.68	43	1052	0.844	ug/l #	59
29) Tetrahydrofuran	5.09	42	156	0.204	ug/l #	41
31) Cyclohexane	5.65	56	3802	1.604	ug/l #	22
36) 1,1-Dichloropropene	5.66	75	11883	5.095	ug/l #	50
38) Carbon Tetrachloride	5.66	117	17222	7.340	ug/l #	16
43) Isopropyl Acetate	6.44	43	8407	2.248	ug/l	98
48) Methyl methacrylate	7.67	41	3688	2.095	ug/l #	10
49) 1,4-Dioxane	7.65	88	42	0.823	ug/l #	29
51) 4-Methyl-2-Pentanone	8.61	43	39987	16.566	ug/l #	49
53) t-1,3-Dichloropropene	9.02	75	71	2.864	ug/l #	43
54) cis-1,3-Dichloropropene	8.61	75	20354	7.822	ug/l #	68
57) 1,3-Dichloropropane	9.54	76	4817	1.610	ug/l #	45
59) 2-Hexanone	9.54	43	62116	33.224	ug/l #	51
76) 1,2,3-Trichloropropane	11.13	75	50238	25.870	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	50238	67.352	ug/l #	10

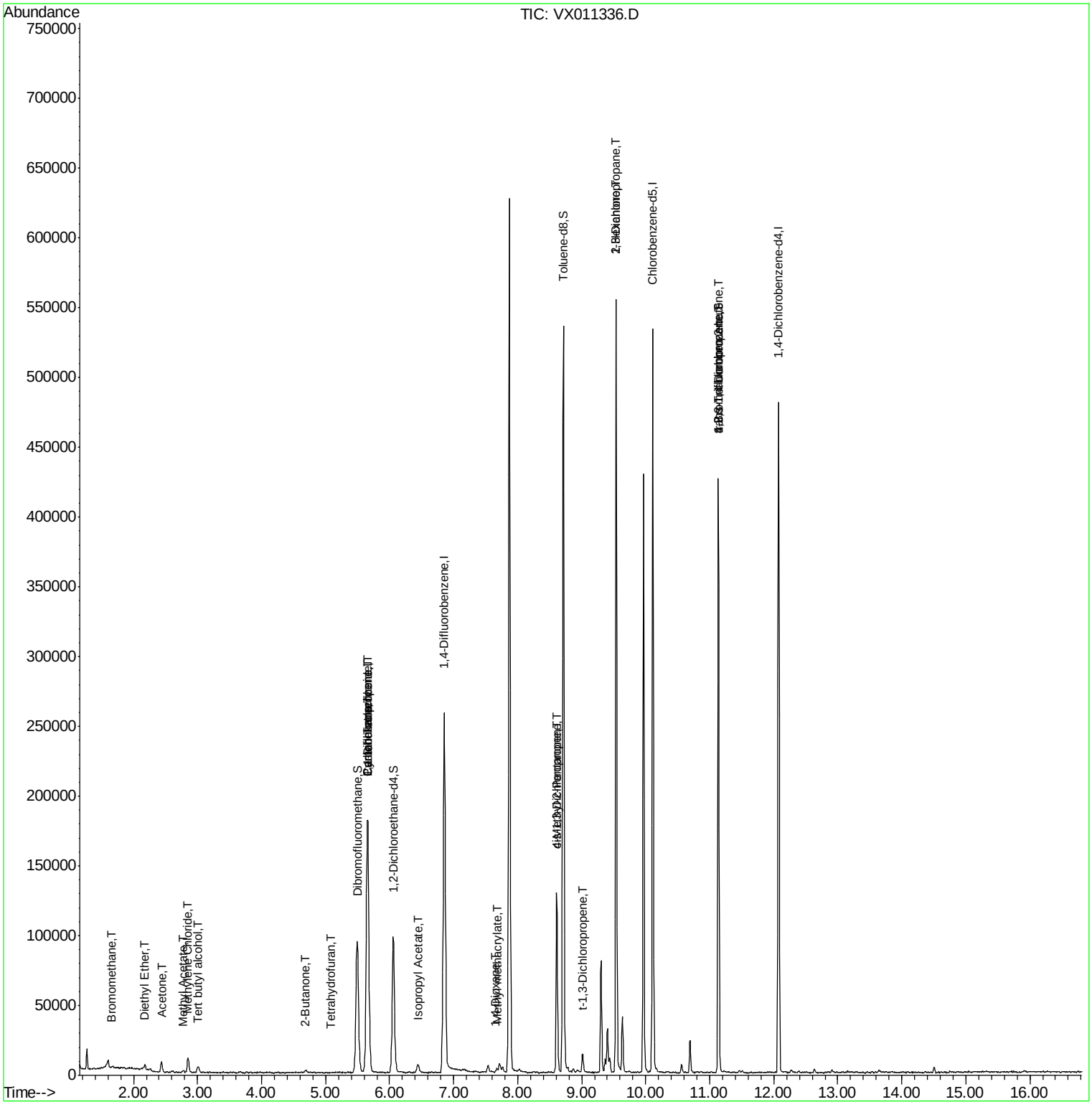
(#) = qualifier out of range (m) = manual integration (+) = signals summed

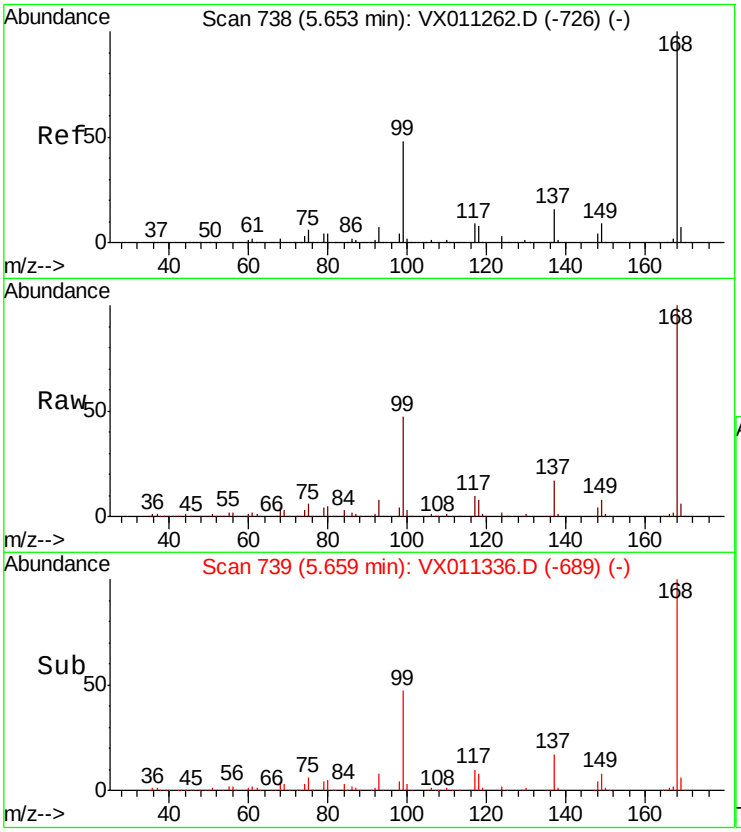
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080519\
Data File : VX011336.D
Acq On : 05 Aug 2019 19:11
Operator : JC/SP
Sample : K4135-37
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 06 02:40:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration



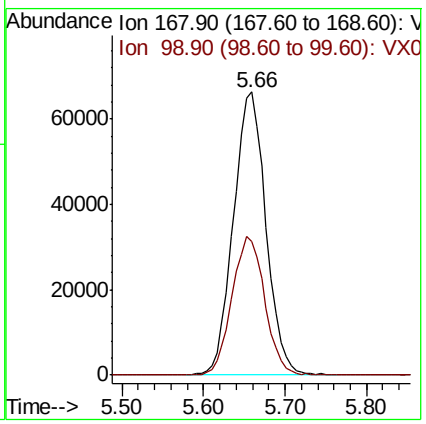


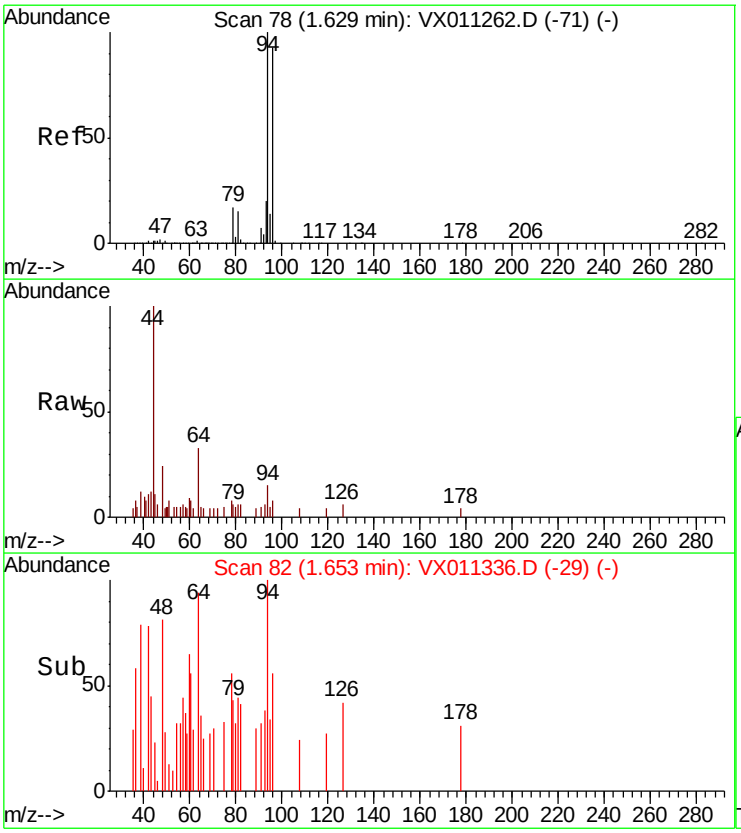
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 182781

Ion	Ratio	Lower	Upper
168	100		
99	47.1	38.5	57.7

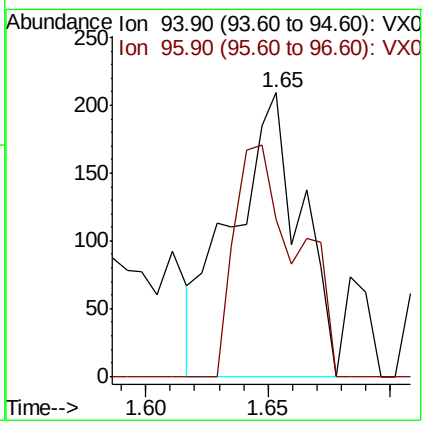


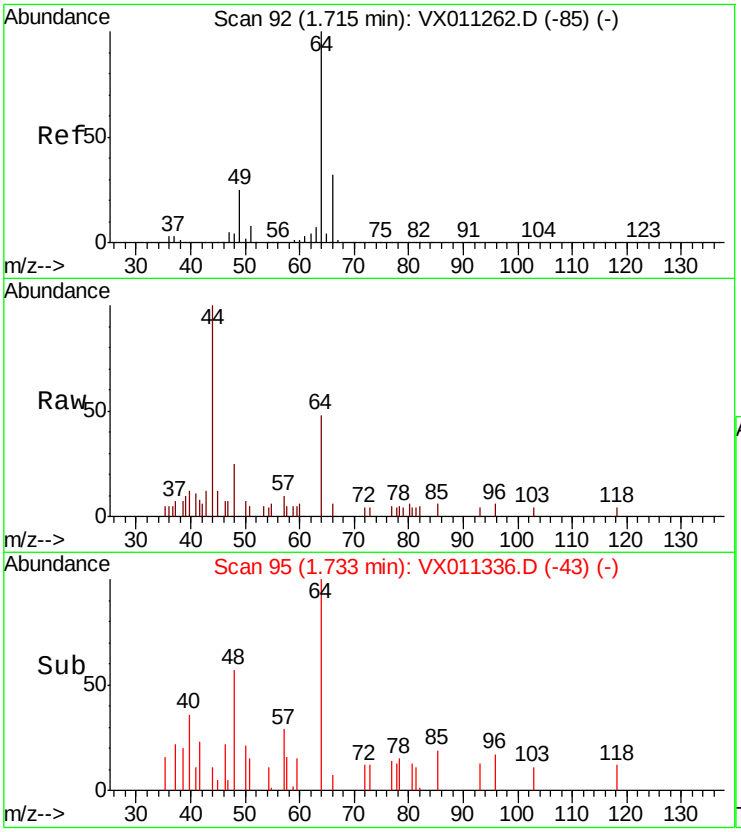


#5
Bromomethane
Concen: 0.330 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.02 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Tgt Ion: 94 Resp: 410

Ion	Ratio	Lower	Upper
94	100		
96	55.5	74.6	112.0#



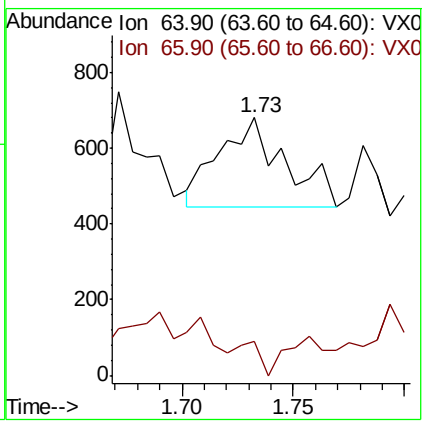


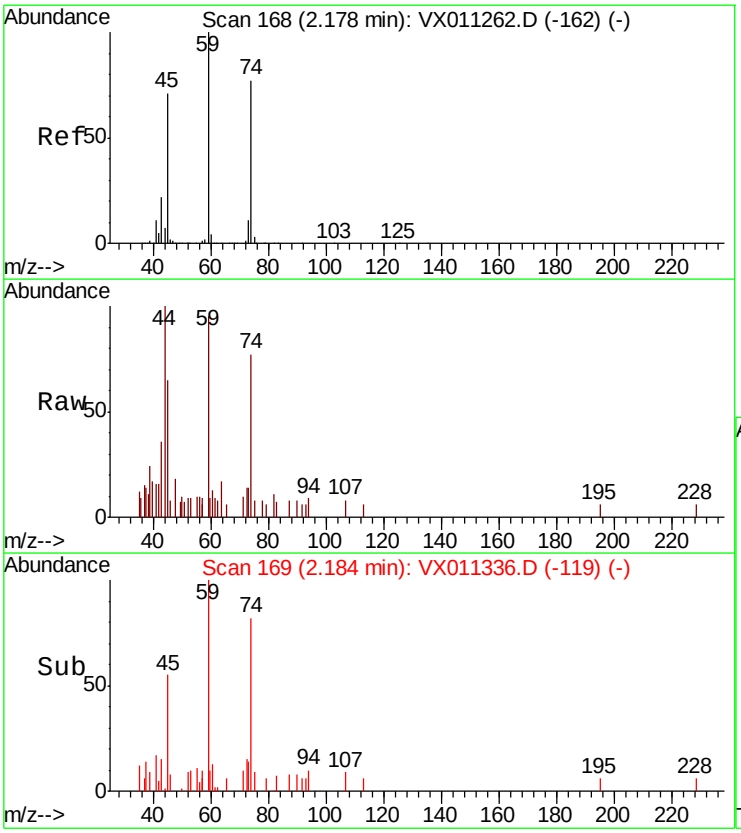
#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 95
Delta R.T. 0.02 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 484

Ion	Ratio	Lower	Upper
64	100		
66	10.1	25.1	37.7#

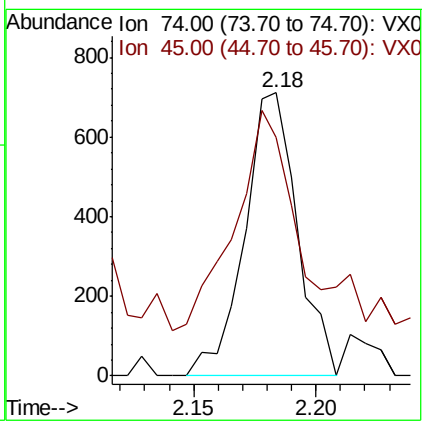


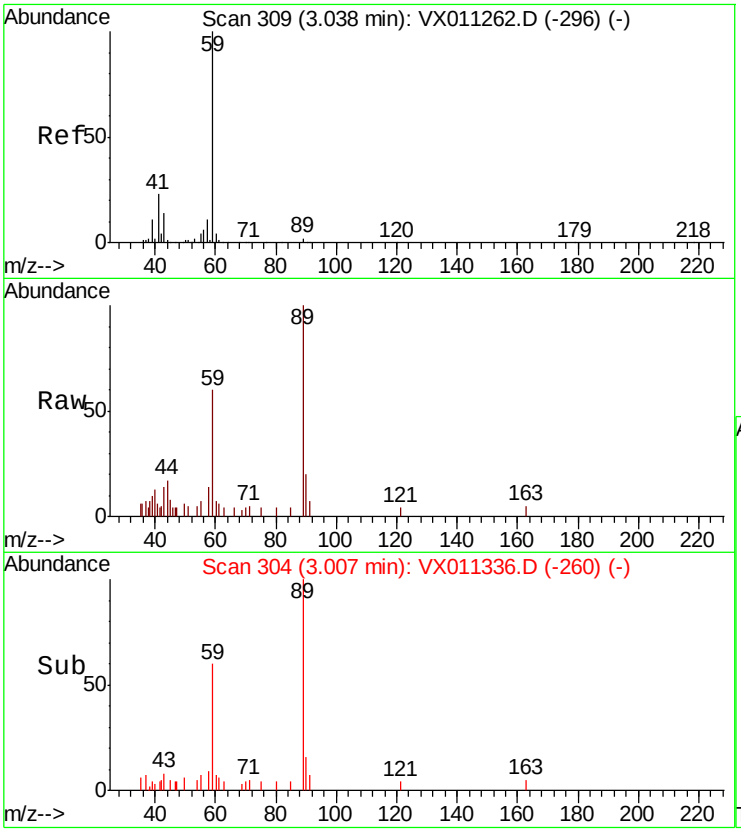


#8
Diethyl Ether
Concen: 0.966 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Tgt Ion: 74 Resp: 1070

Ion	Ratio	Lower	Upper
74	100		
45	110.3	46.1	138.3



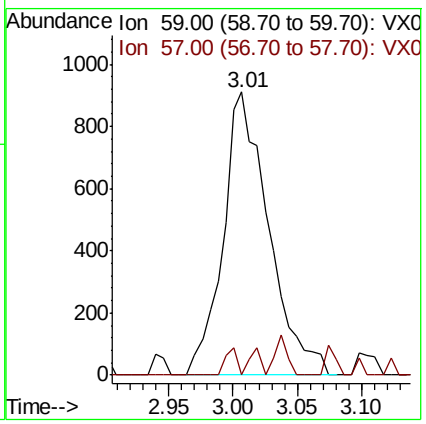


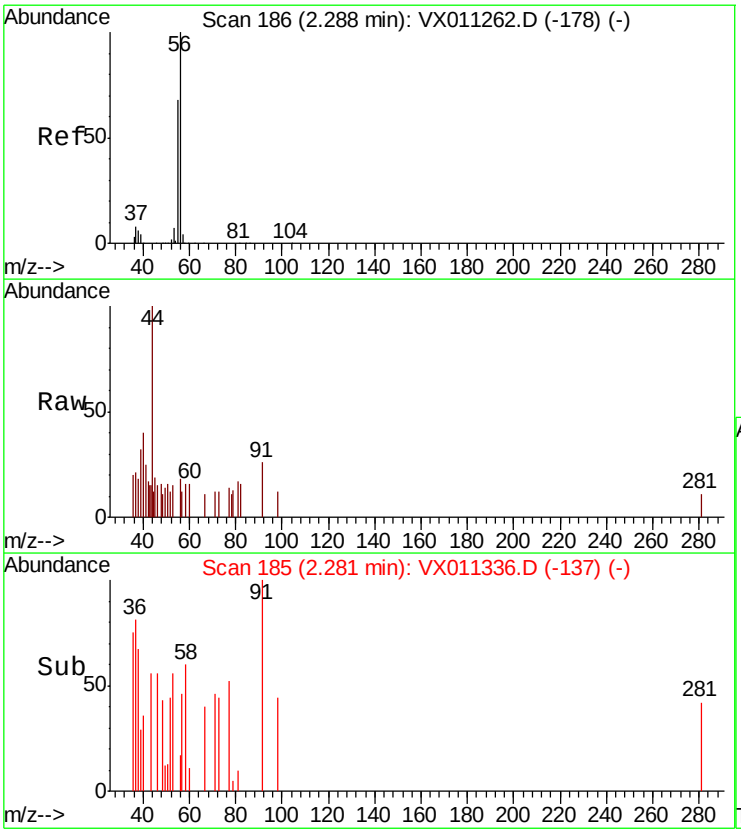
#11
Tert butyl alcohol
Concen: 6.128 ug/l
RT: 3.01 min Scan# 304
Delta R.T. -0.03 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 2241

Ion	Ratio	Lower	Upper
59	100		
57	2.5	8.3	12.5#

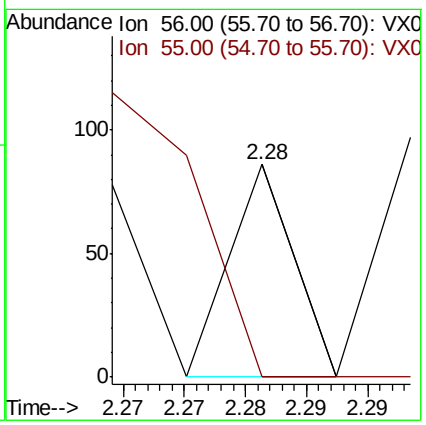


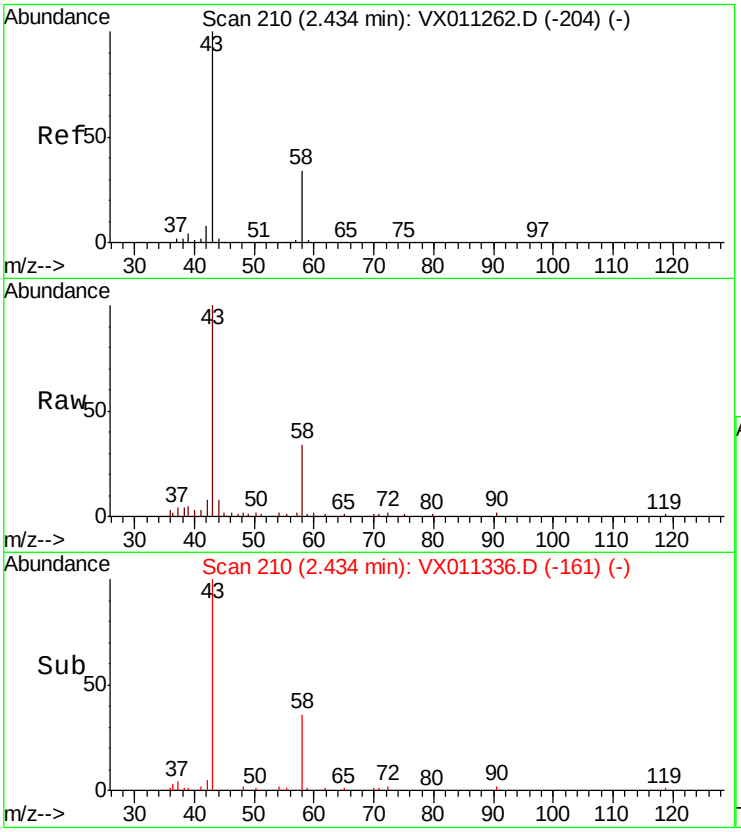


#13
Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Tgt Ion: 56 Resp: 31

Ion	Ratio	Lower	Upper
56	100		
55	412.9	56.0	84.0#



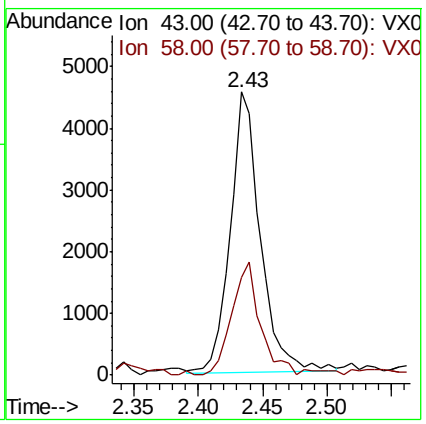


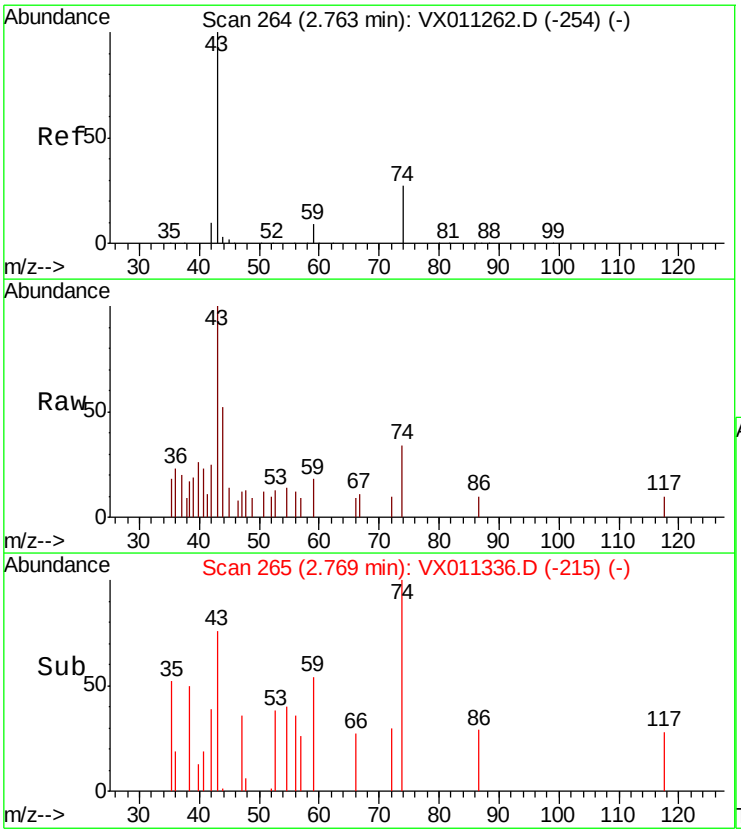
#16
Acetone
Concen: 8.467 ug/l
RT: 2.43 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 7418

Ion	Ratio	Lower	Upper
43	100		
58	33.7	27.4	41.0

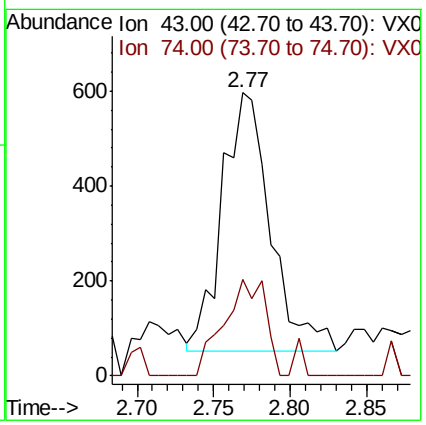


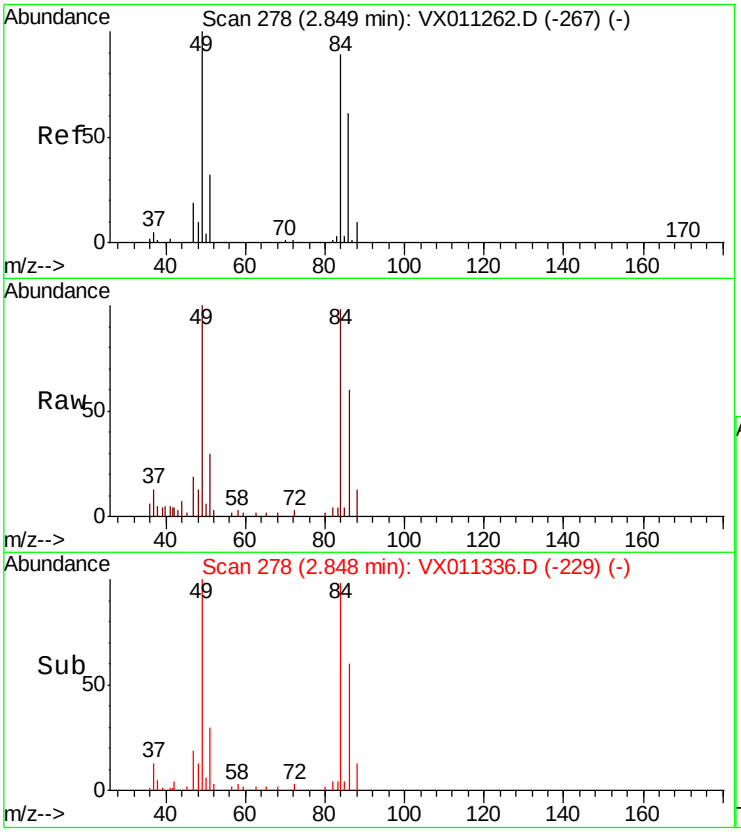


#18
Methyl Acetate
Concen: 0.596 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Tgt Ion: 43 Resp: 1193

Ion	Ratio	Lower	Upper
43	100		
74	32.3	21.0	31.6#



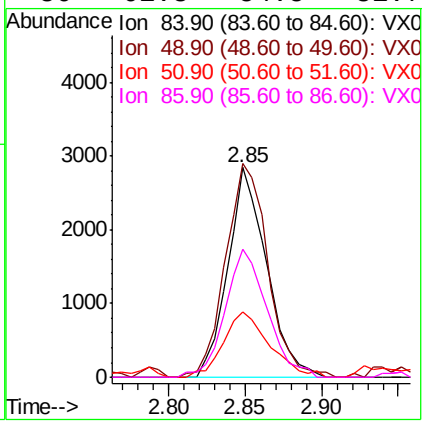


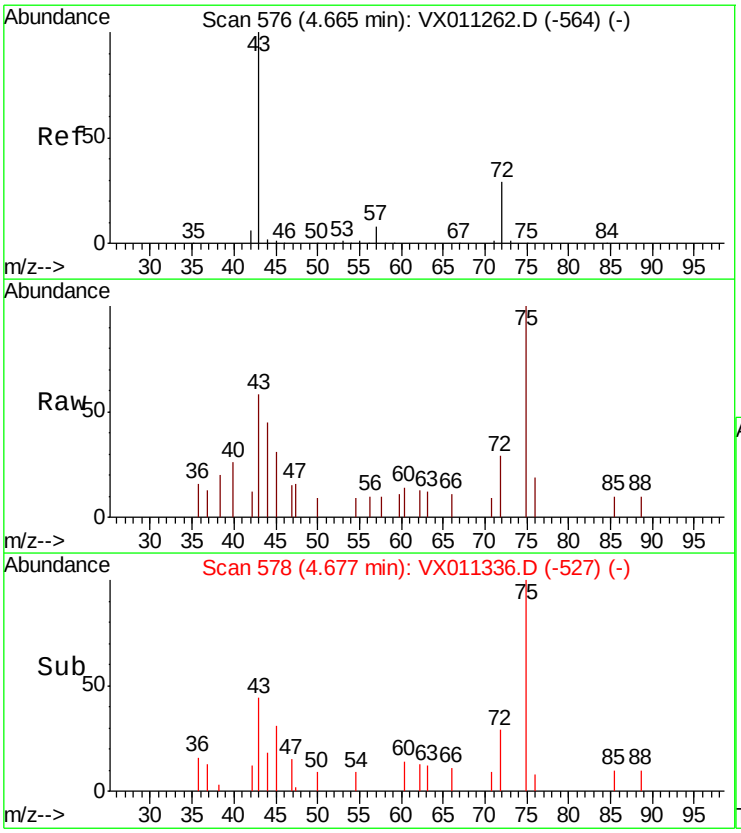
#20
Methylene Chloride
Concen: 2.604 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 4997

Ion	Ratio	Lower	Upper
84	100		
49	100.0	89.3	133.9
51	31.1	28.3	42.5
86	61.3	54.5	81.7

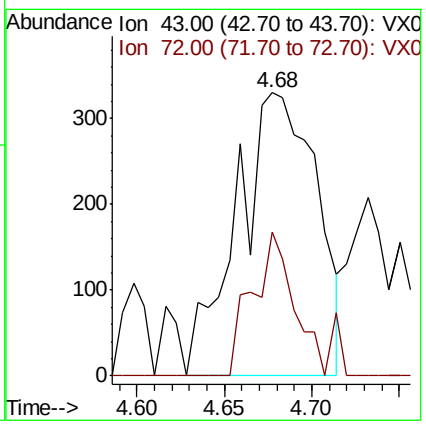


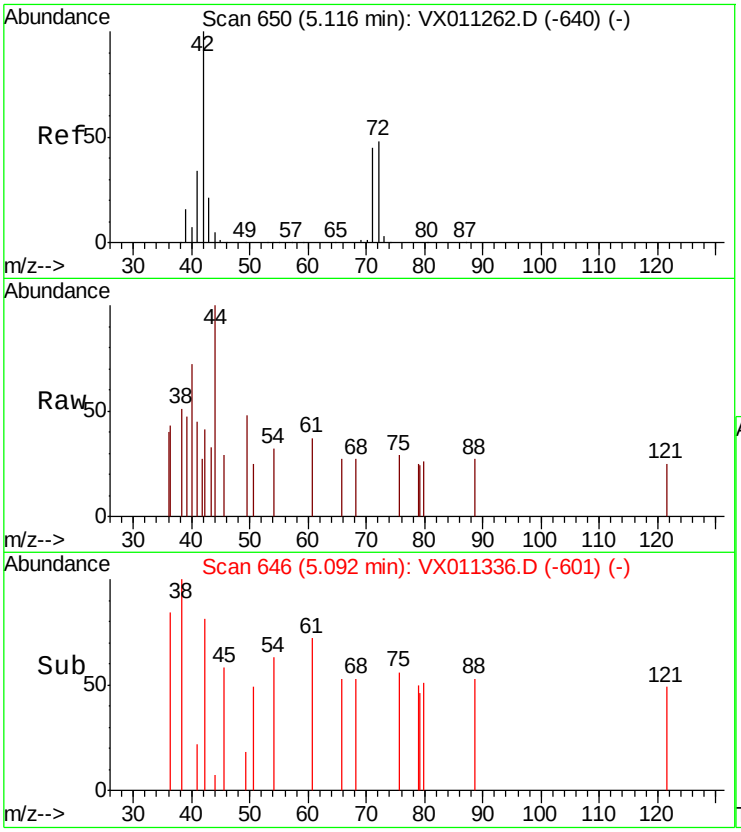


#25
2-Butanone
Concen: 0.844 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Tgt Ion: 43 Resp: 1052

Ion	Ratio	Lower	Upper
43	100		
72	50.9	23.2	34.8#



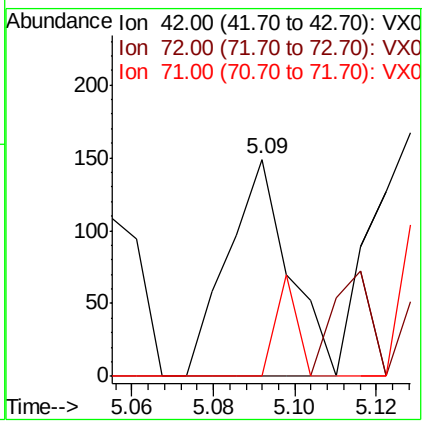


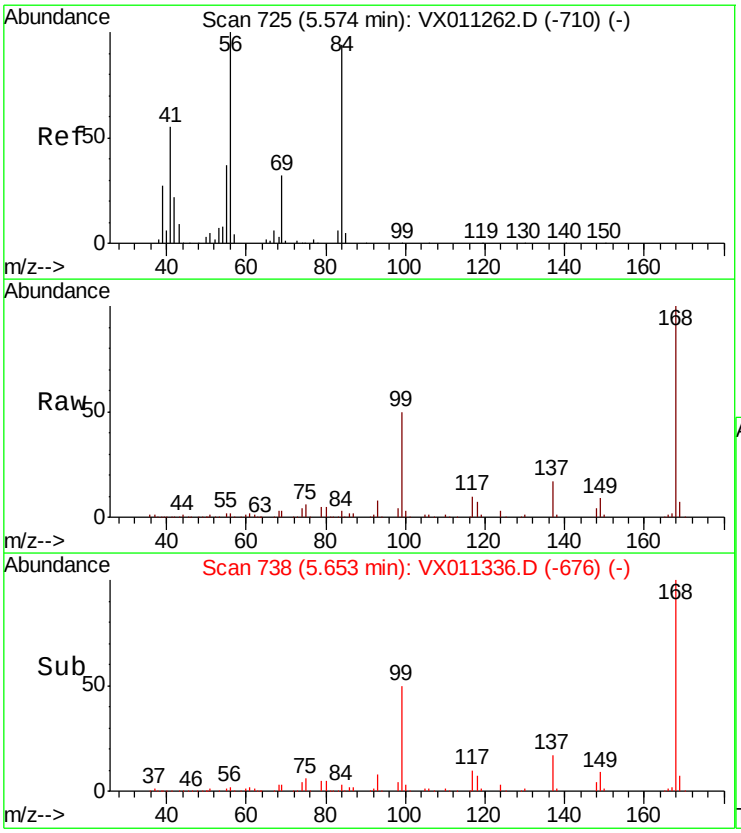
#29
Tetrahydrofuran
Concen: 0.204 ug/l
RT: 5.09 min Scan# 646
Delta R.T. -0.02 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 156

Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.9	59.9#
71	16.7	36.9	55.3#

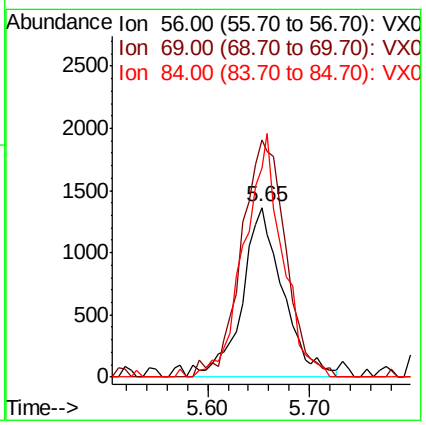


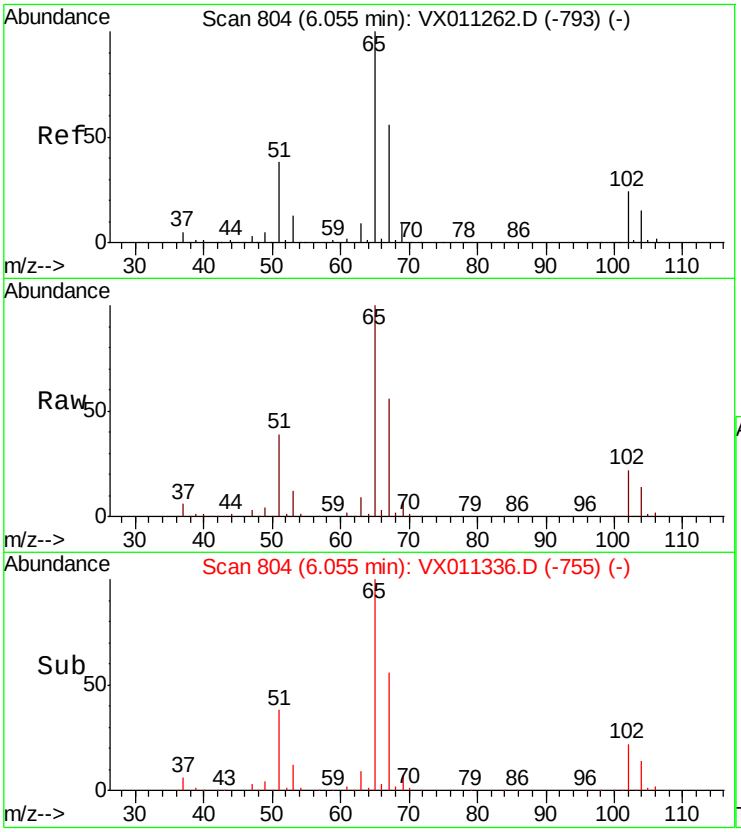


#31
Cyclohexane
Concen: 1.604 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Tgt Ion: 56 Resp: 3802

Ion	Ratio	Lower	Upper
56	100		
69	145.0	25.5	38.3#
84	127.9	75.0	112.4#



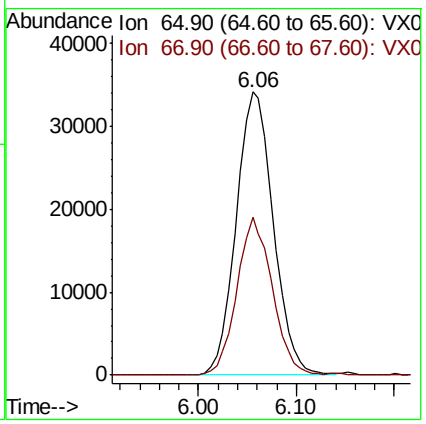


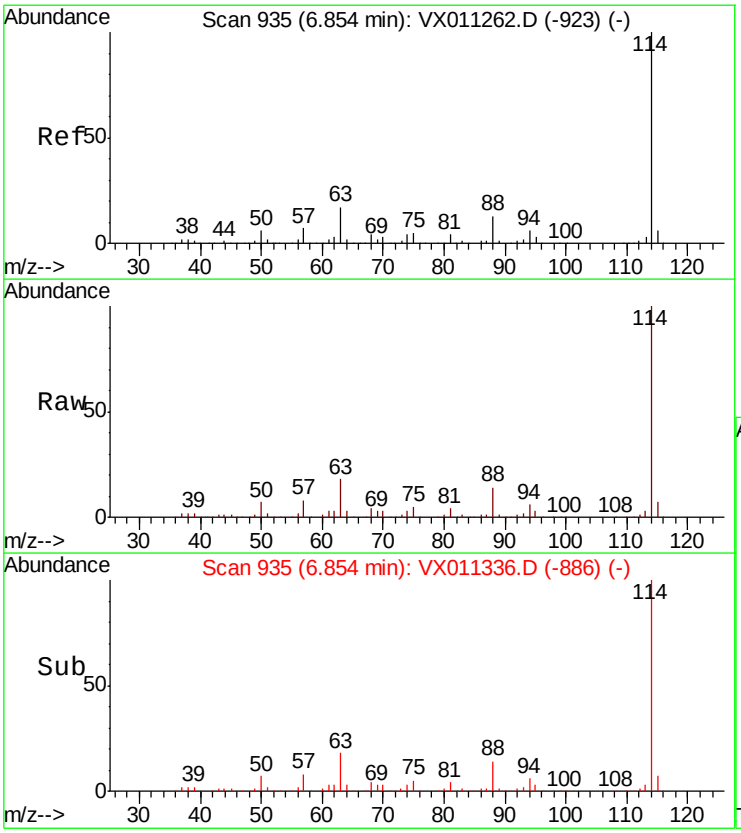
#33
1,2-Dichloroethane-d4
Concen: 48.815 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 89853

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	110.6

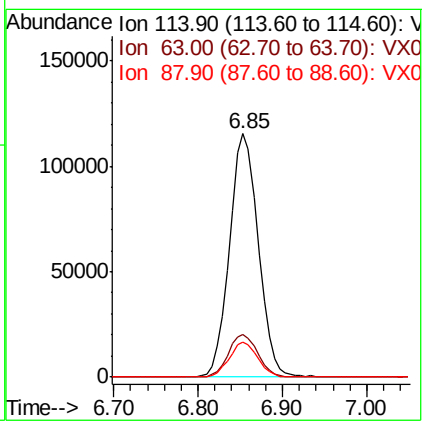


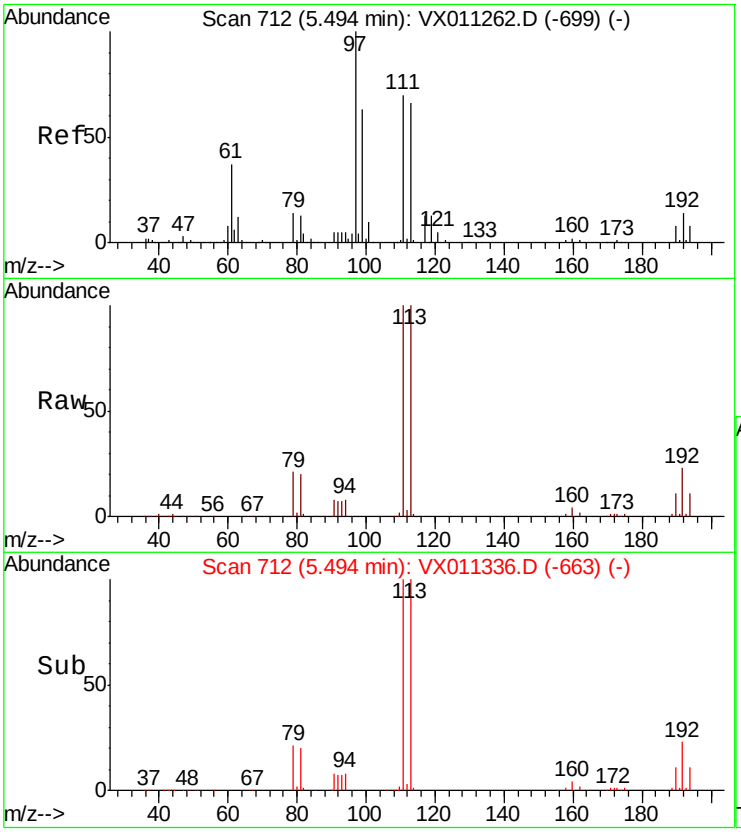


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.00 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Tgt Ion:114 Resp: 267123

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	34.0
88	14.4	0.0	26.4



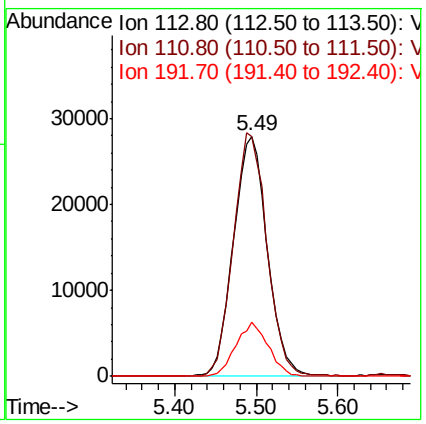


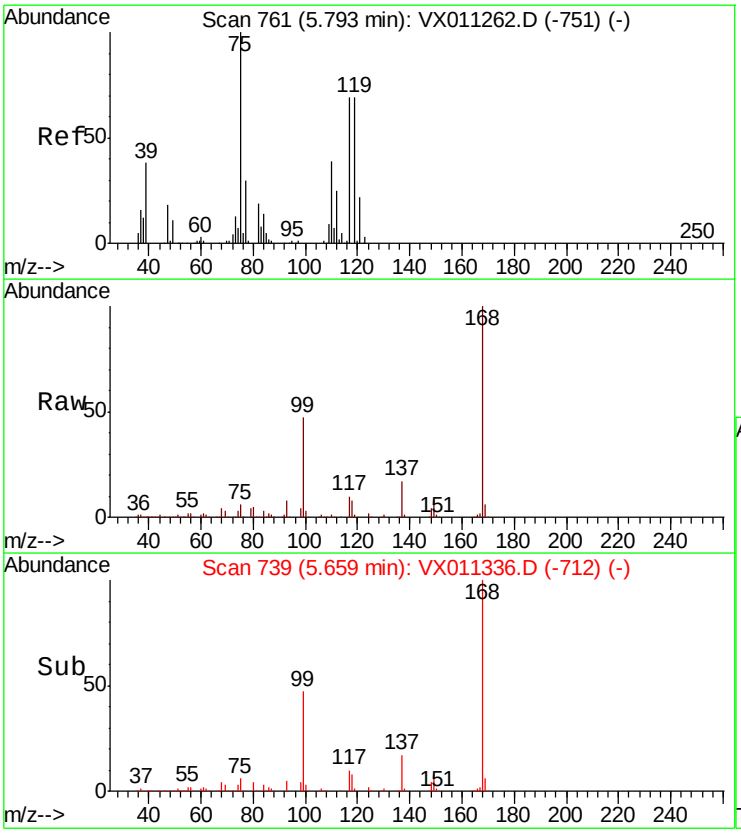
#35
Dibromofluoromethane
Concen: 46.087 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 80375

Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.9	122.9
192	21.5	17.8	26.8

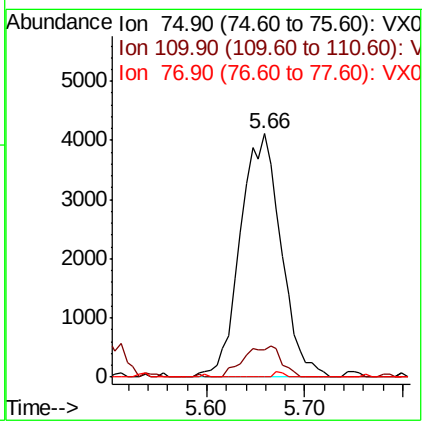


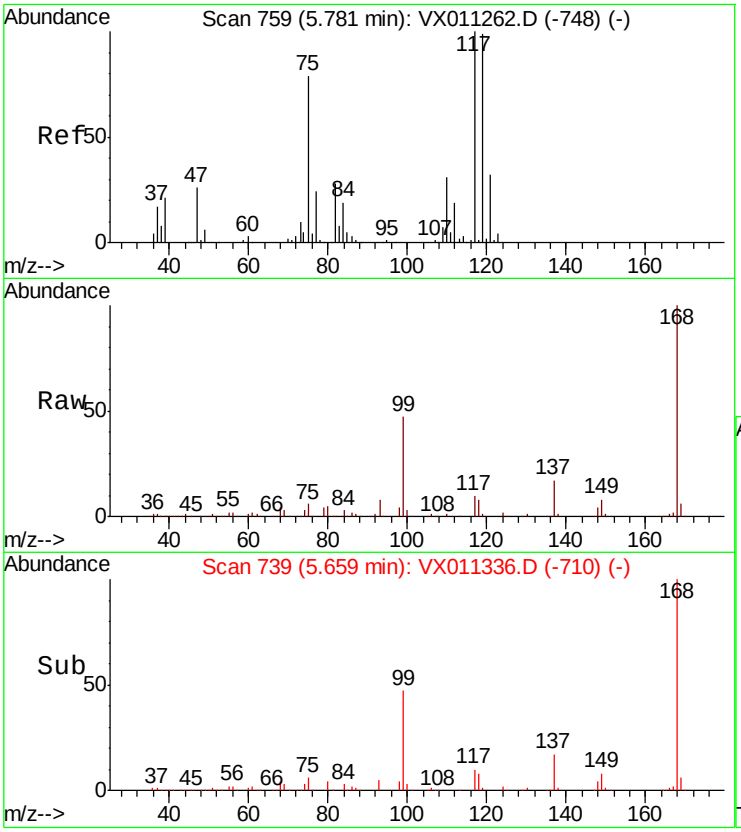


#36
1,1-Dichloropropene
Concen: 5.095 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Tgt Ion: 75 Resp: 11883

Ion	Ratio	Lower	Upper
75	100		
110	11.8	20.0	59.9#
77	0.5	24.8	37.2#



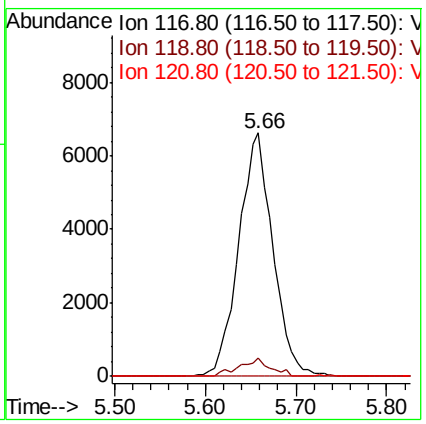


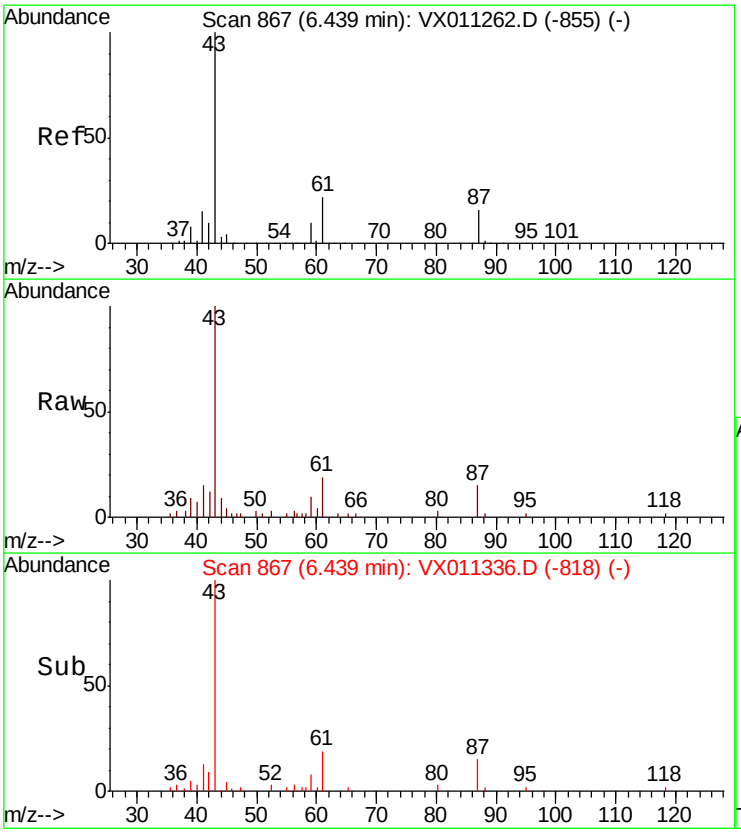
#38
Carbon Tetrachloride
Concen: 7.340 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 17222

Ion	Ratio	Lower	Upper
117	100		
119	7.3	79.0	118.4#
121	0.0	25.9	38.9#

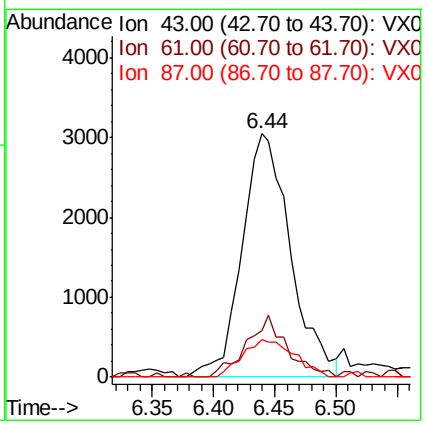


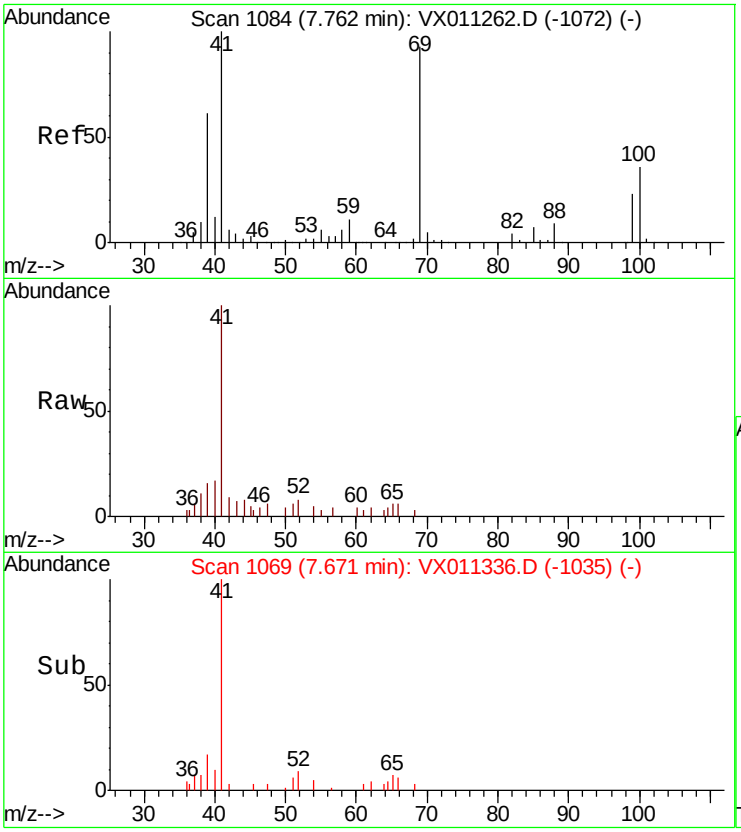


#43
Isopropyl Acetate
Concen: 2.248 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.00 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Tgt Ion: 43 Resp: 8407

Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.5	24.7
87	16.4	12.1	18.1



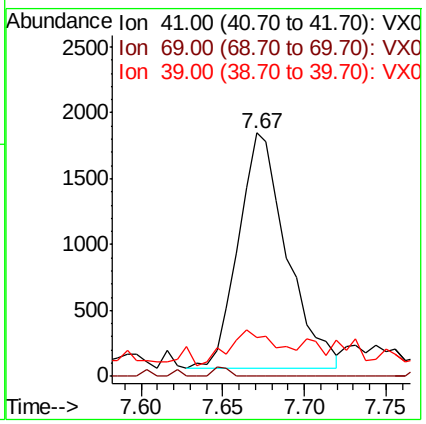


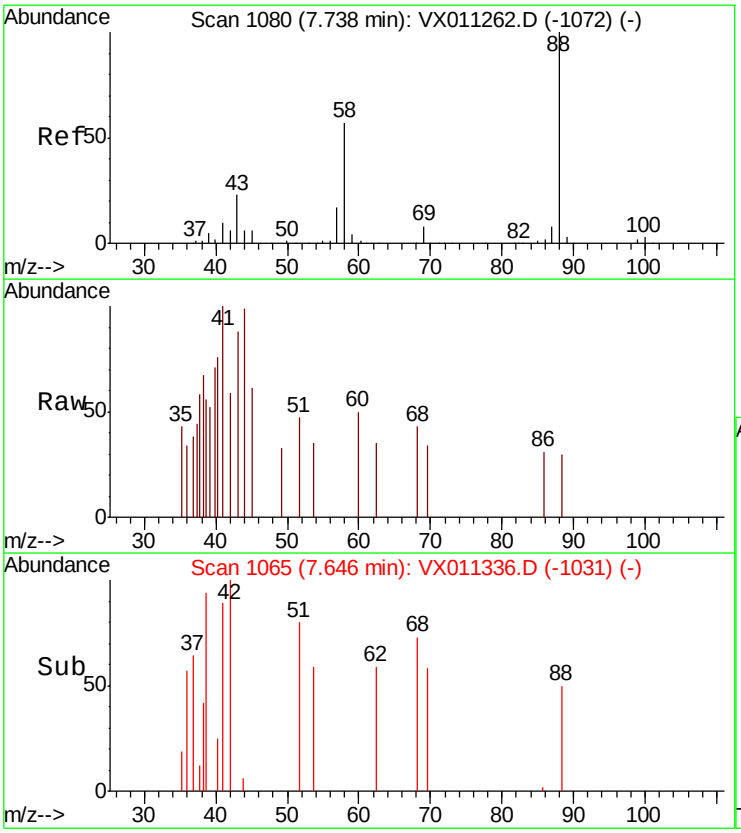
#48
Methyl methacrylate
Concen: 2.095 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.09 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 3688

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.5	111.7#
39	0.0	48.6	72.8#

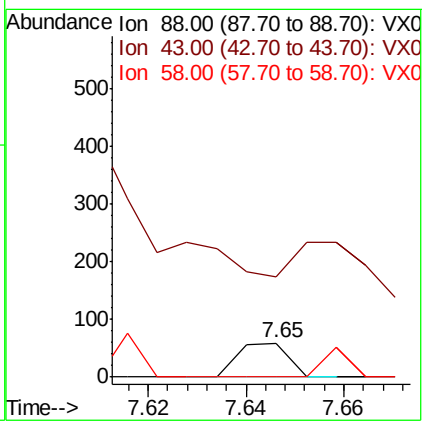


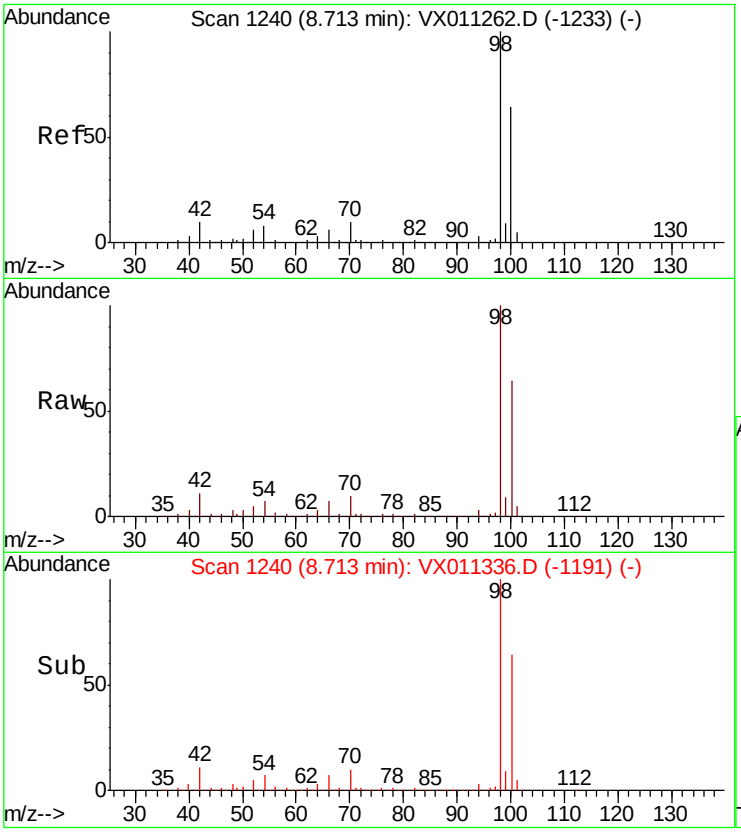


#49
1,4-Dioxane
Concen: 0.823 ug/l
RT: 7.65 min Scan# 1065
Delta R.T. -0.09 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Tgt Ion: 88 Resp: 42

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.2#
58	0.0	47.8	71.8#



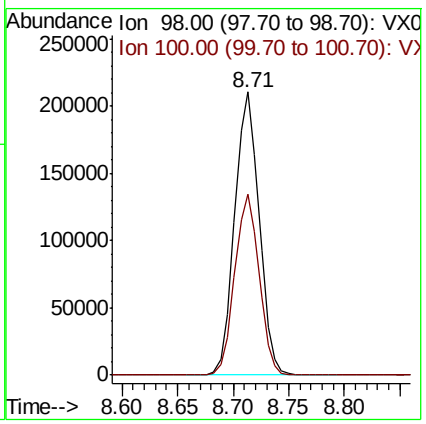


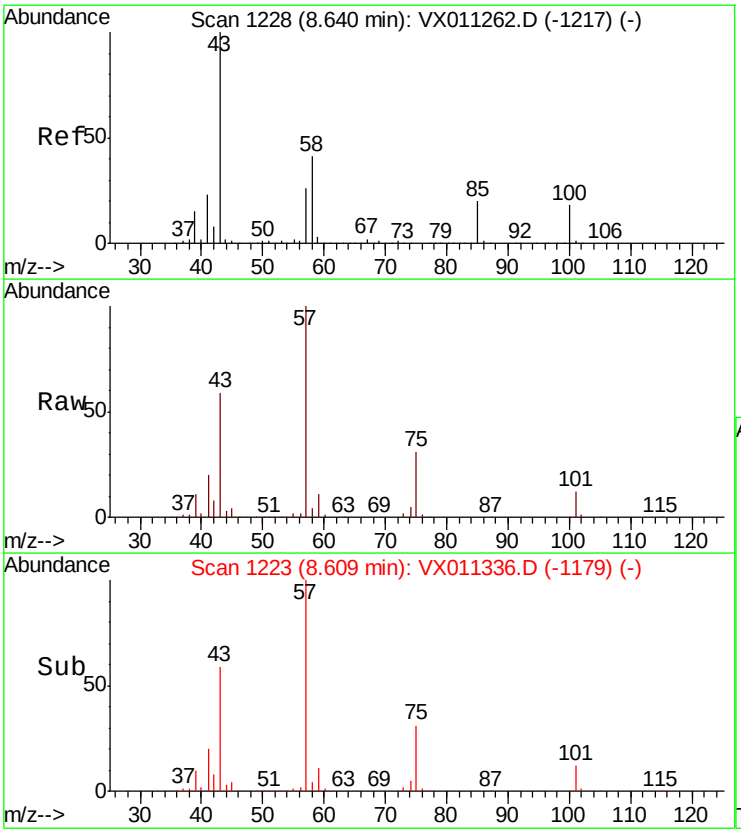
#50
Toluene-d8
Concen: 48.751 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 320927

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.7	77.5

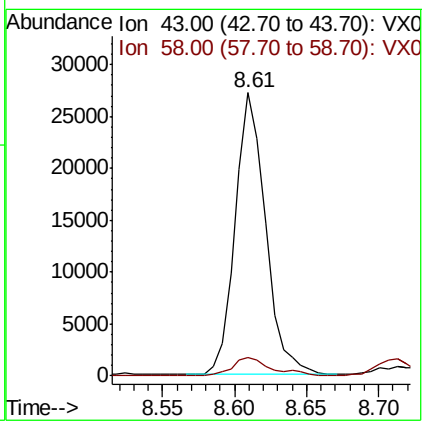


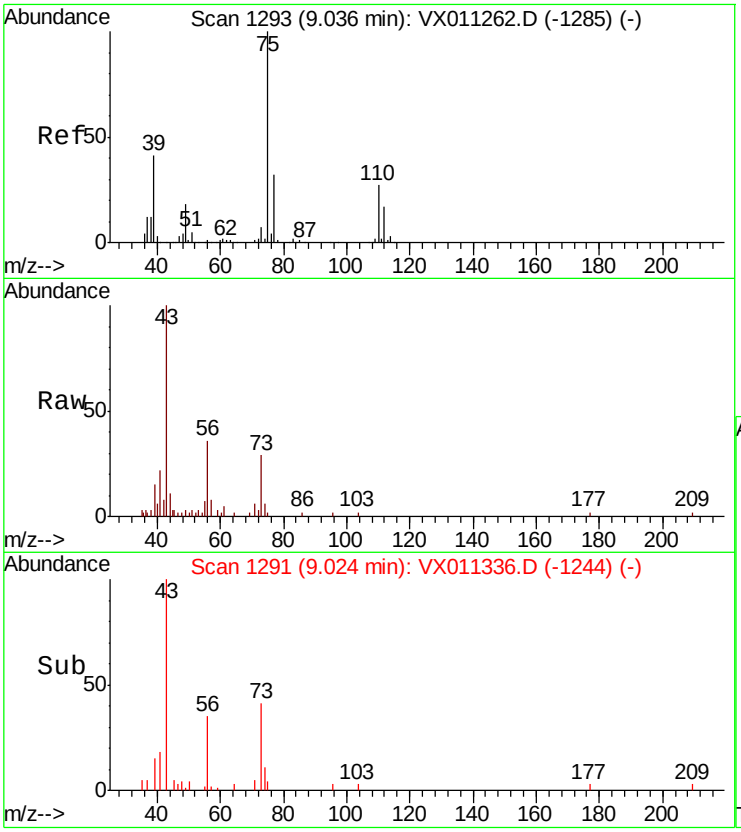


#51
4-Methyl-2-Pentanone
Concen: 16.566 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Tgt Ion: 43 Resp: 39987

Ion	Ratio	Lower	Upper
43	100		
58	8.5	32.3	48.5#



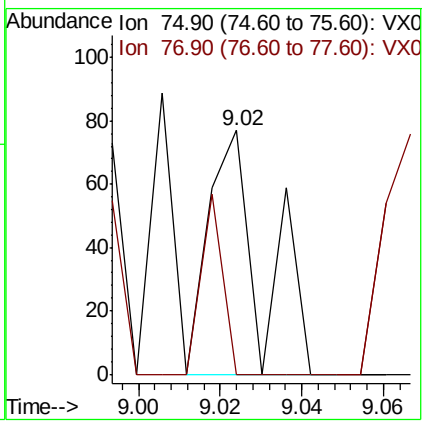


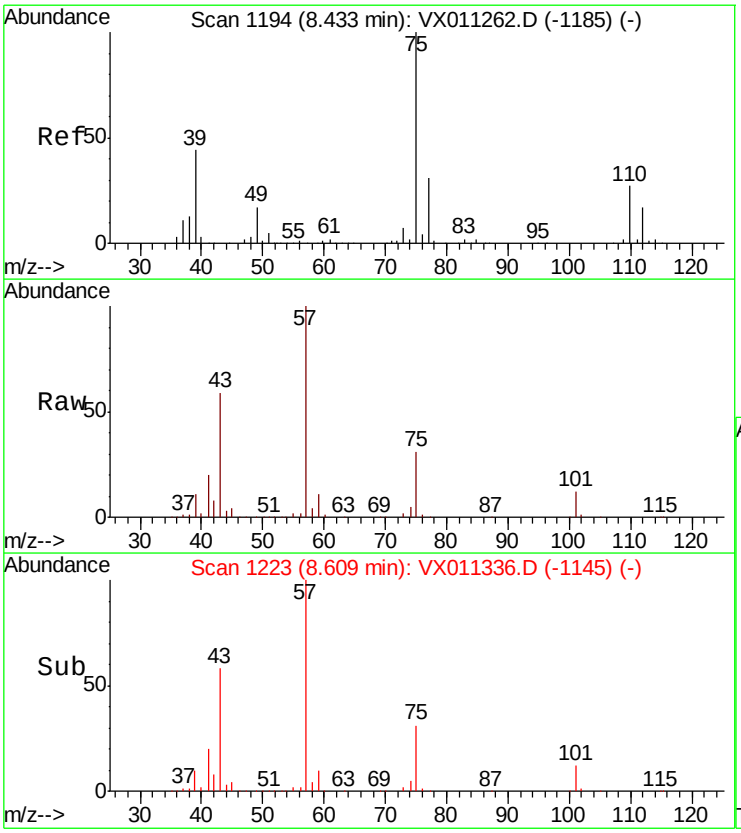
#53
t-1,3-Dichloropropene
Concen: 2.864 ug/l
RT: 9.02 min Scan# 1291
Delta R.T. -0.01 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 71

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#

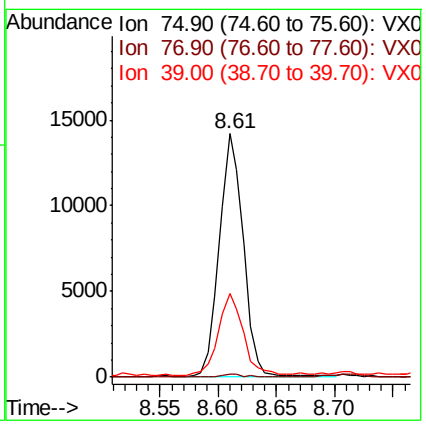


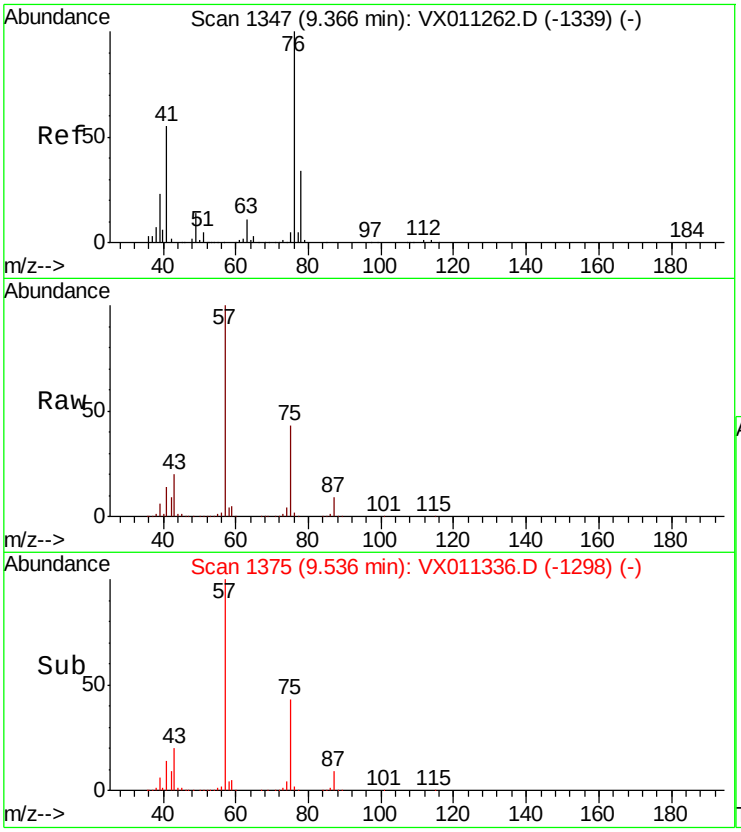


#54
cis-1,3-Dichloropropene
Concen: 7.822 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Tgt Ion: 75 Resp: 20354

Ion	Ratio	Lower	Upper
75	100		
77	1.0	25.0	37.6#
39	33.7	35.3	52.9#



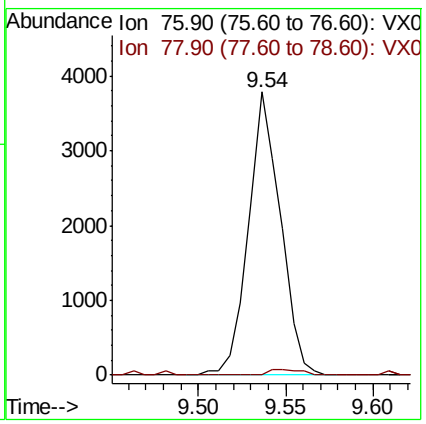


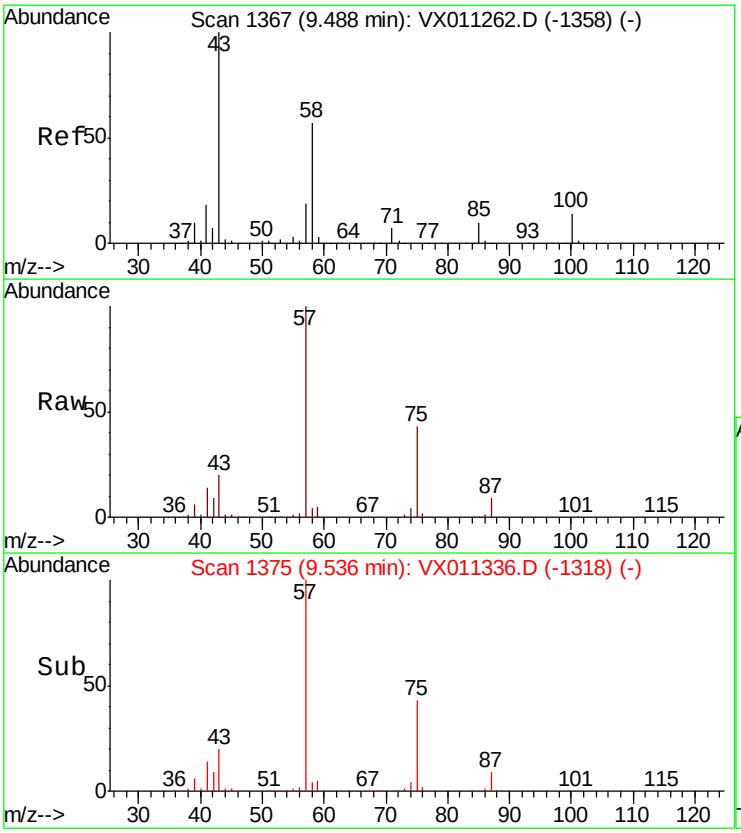
#57
1,3-Dichloropropane
Concen: 1.610 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 4817

Ion	Ratio	Lower	Upper
76	100		
78	2.0	26.6	40.0#

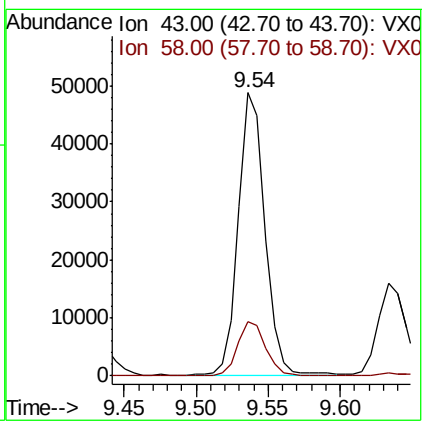


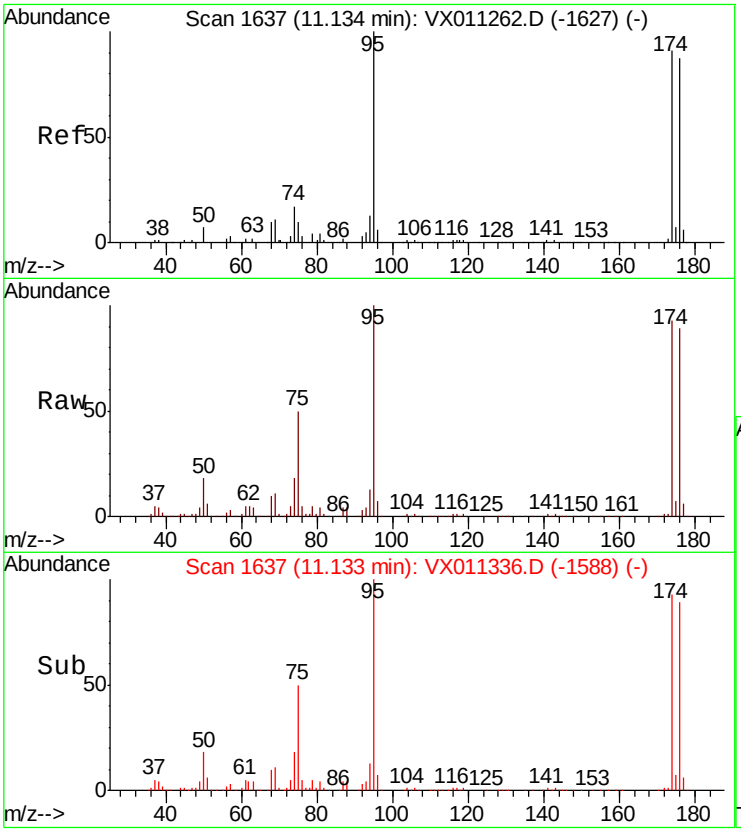


#59
2-Hexanone
Concen: 33.224 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Tgt Ion: 43 Resp: 62116

Ion	Ratio	Lower	Upper
43	100		
58	20.6	28.2	84.6#



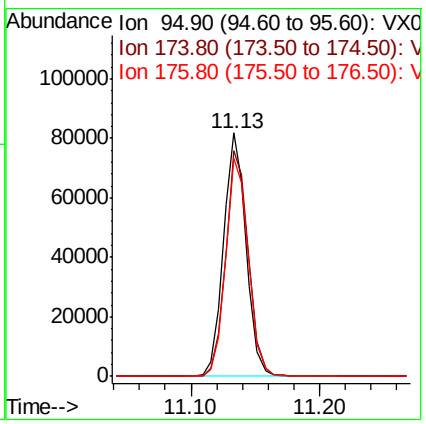


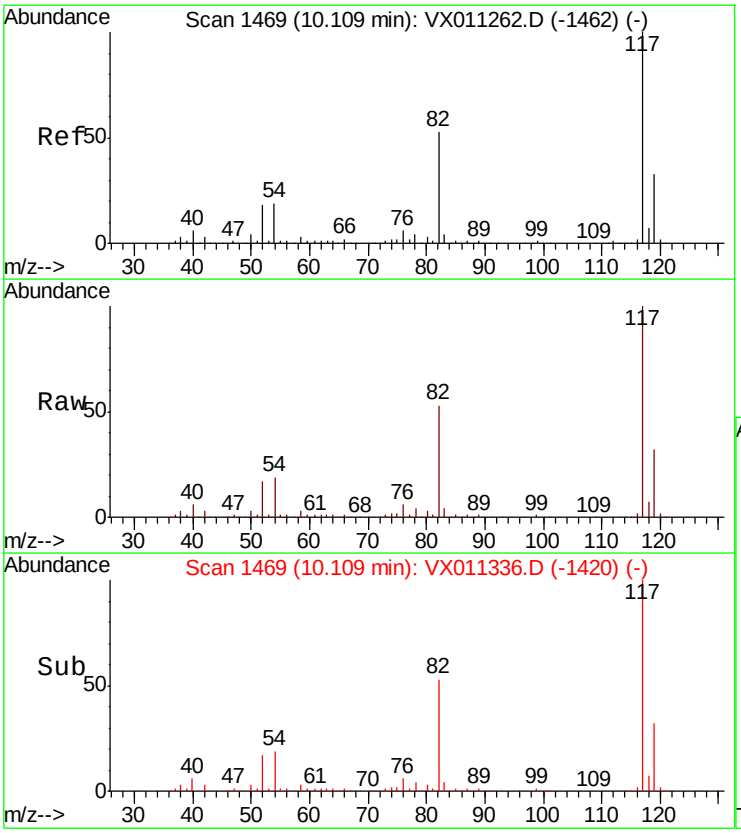
#62
4-Bromofluorobenzene
Concen: 42.962 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 100974

Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	191.2
176	90.1	0.0	184.8

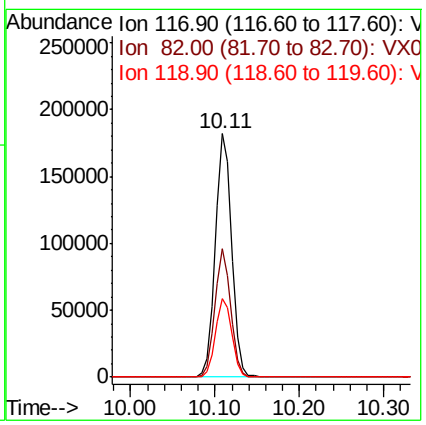


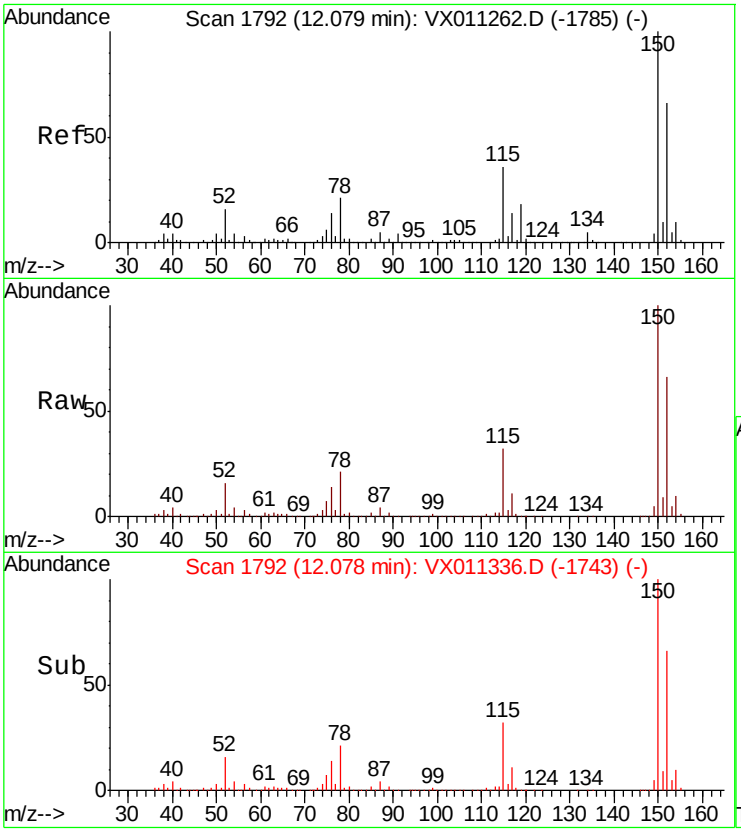


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Tgt Ion:117 Resp: 245444

Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.2	63.2
119	32.2	26.6	39.8



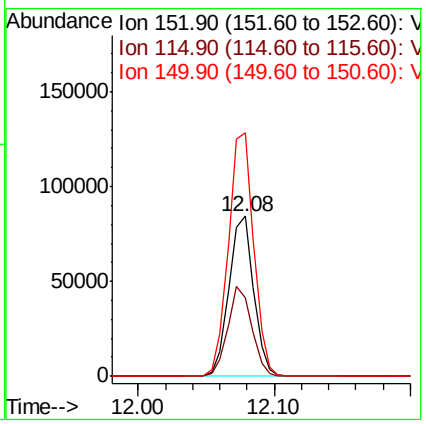


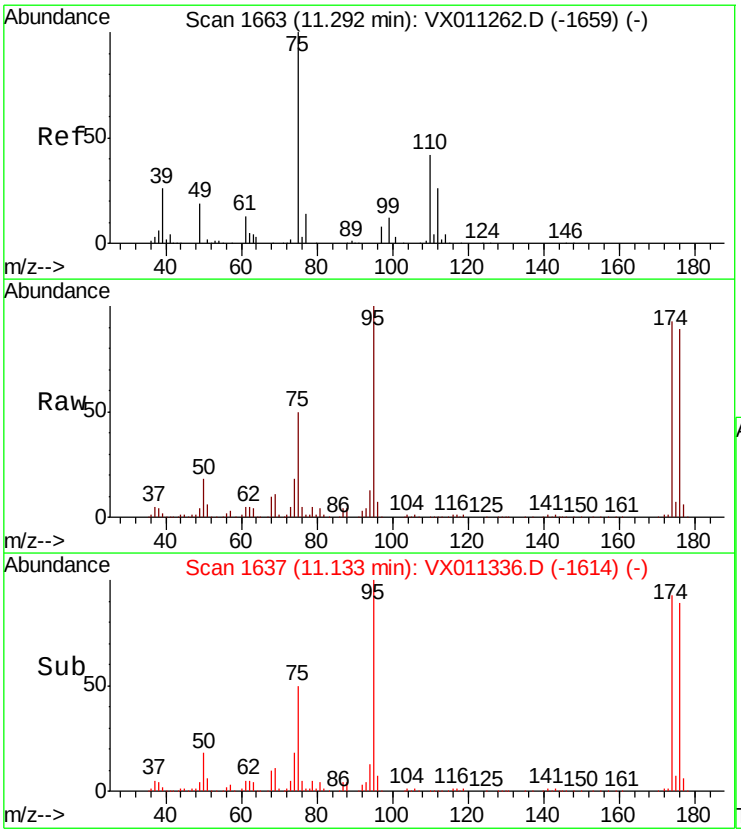
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 106635

Ion	Ratio	Lower	Upper
152	100		
115	54.4	40.0	119.9
150	155.6	0.0	350.4

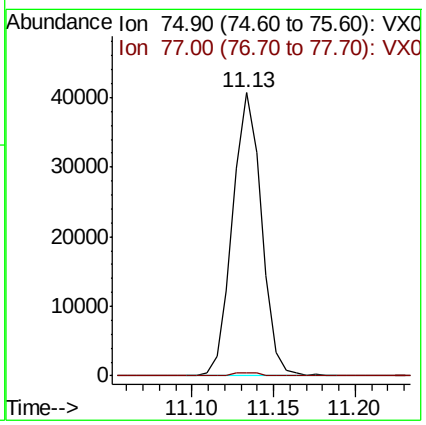


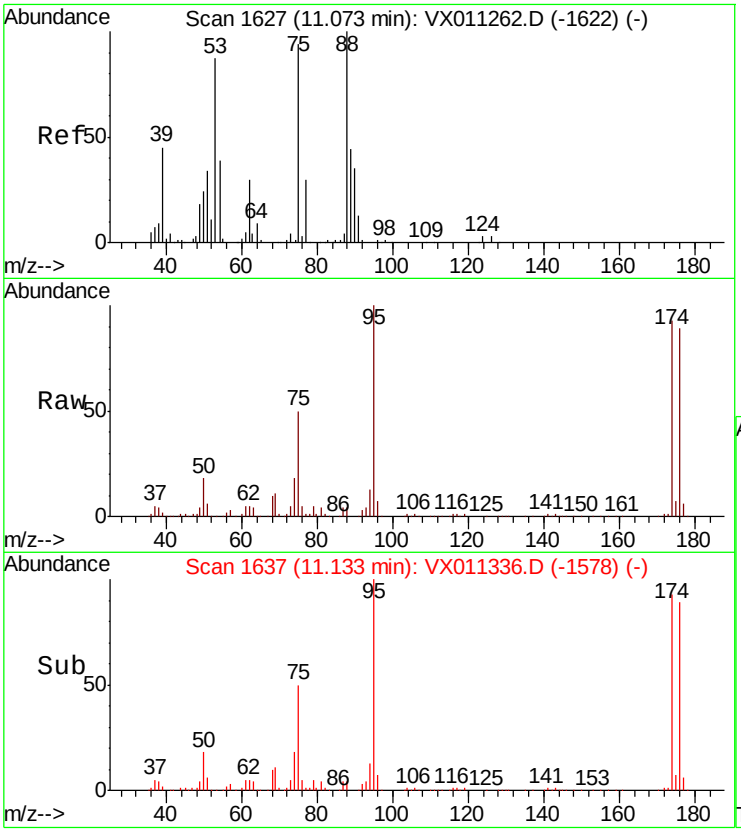


#76
1,2,3-Trichloropropane
Concen: 25.870 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Tgt Ion: 75 Resp: 50238

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.1	63.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.352 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 50238

Ion	Ratio	Lower	Upper
75	100		
53	0.3	78.2	117.4#
89	0.0	37.9	56.9#