Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080519\
Data File : VX011332.D
Acq On : 05 Aug 2019 17:37
Operator : JC/SP
Sample : K4130-33
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Aug 06 02:39:53 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	190236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	273979	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	93078	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.16%			
35) Dibromofluoromethane	5.49	113	82283	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.00%			
50) Toluene-d8	8.71	98	330434	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.88%			
62) 4-Bromofluorobenzene	11.13	95	102334	42.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.90%			
Target Compounds						Qvalue
6) Chloroethane	1.71	64	143	Below Cal	#	75
8) Diethyl Ether	2.18	74	1554	1.349	ug/l	98
11) Tert butyl alcohol	3.01	59	2277	5.983	ug/l #	75
13) Acrolein	2.28	56	175	0.315	ug/l #	47
16) Acetone	2.43	43	10978	12.039	ug/l	97
18) Methyl Acetate	2.78	43	1300	0.624	ug/l #	90
20) Methylene Chloride	2.85	84	4983	2.495	ug/l	90
25) 2-Butanone	4.68	43	895	0.690	ug/l #	64
29) Tetrahydrofuran	5.11	42	215	0.270	ug/l #	62
31) Cyclohexane	5.66	56	3582	1.452	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	12291	5.138	ug/l #	50
38) Carbon Tetrachloride	5.66	117	17490	7.267	ug/l #	16
43) Isopropyl Acetate	6.44	43	7090	1.848	ug/l #	91
48) Methyl methacrylate	7.67	41	4009	2.221	ug/l #	10
49) 1,4-Dioxane	7.78	88	25	0.478	ug/l #	29
51) 4-Methyl-2-Pentanone	8.61	43	38121	15.398	ug/l #	49
53) t-1,3-Dichloropropene	9.02	75	93	2.871	ug/l #	43
54) cis-1,3-Dichloropropene	8.61	75	19553	7.326	ug/l #	68
57) 1,3-Dichloropropane	9.54	76	4672	1.522	ug/l #	41
59) 2-Hexanone	9.54	43	55602	28.996	ug/l #	51
76) 1,2,3-Trichloropropane	11.13	75	51617	26.153	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	51617	68.039	ug/l #	10

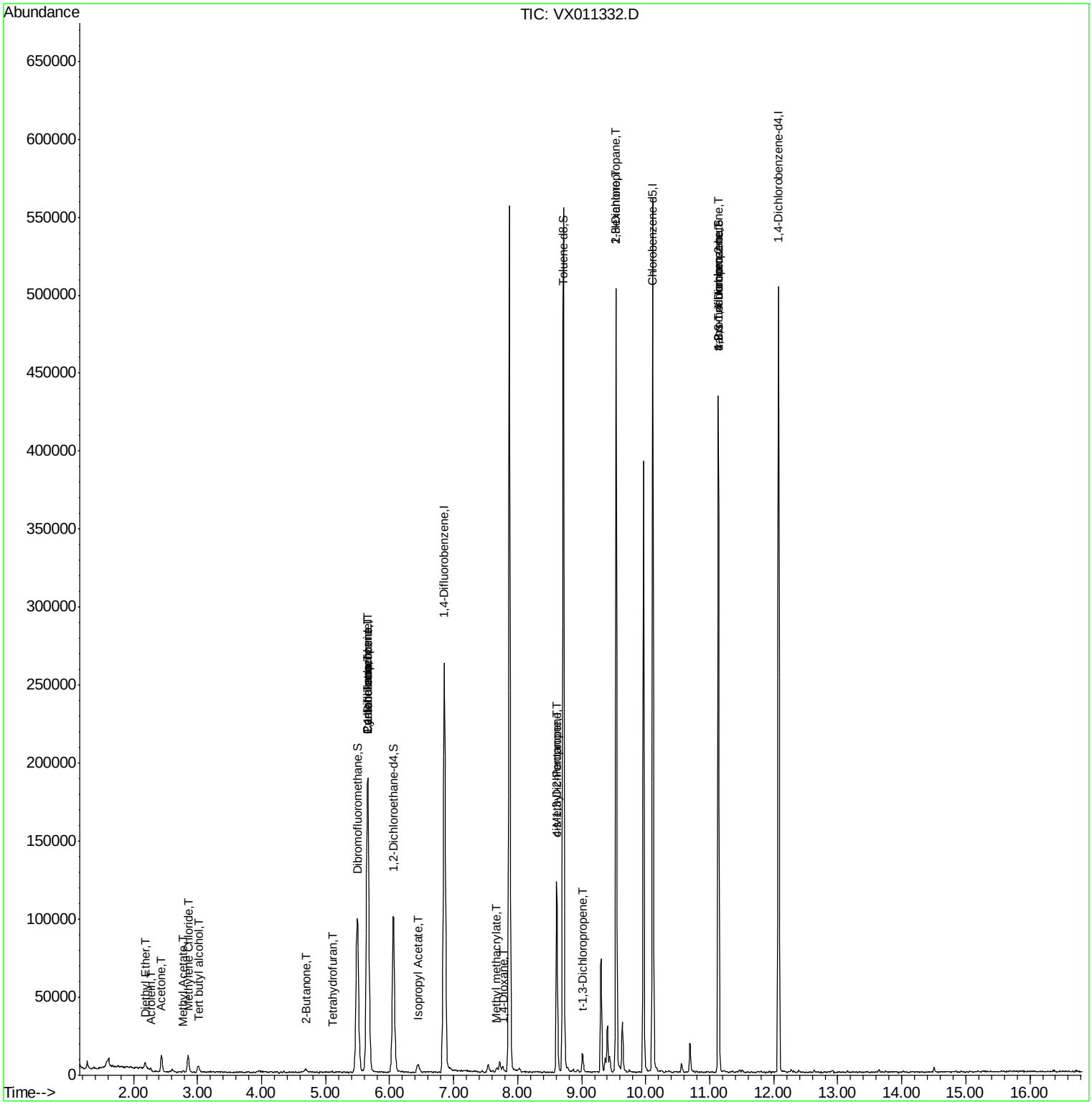
(#) = qualifier out of range (m) = manual integration (+) = signals summed

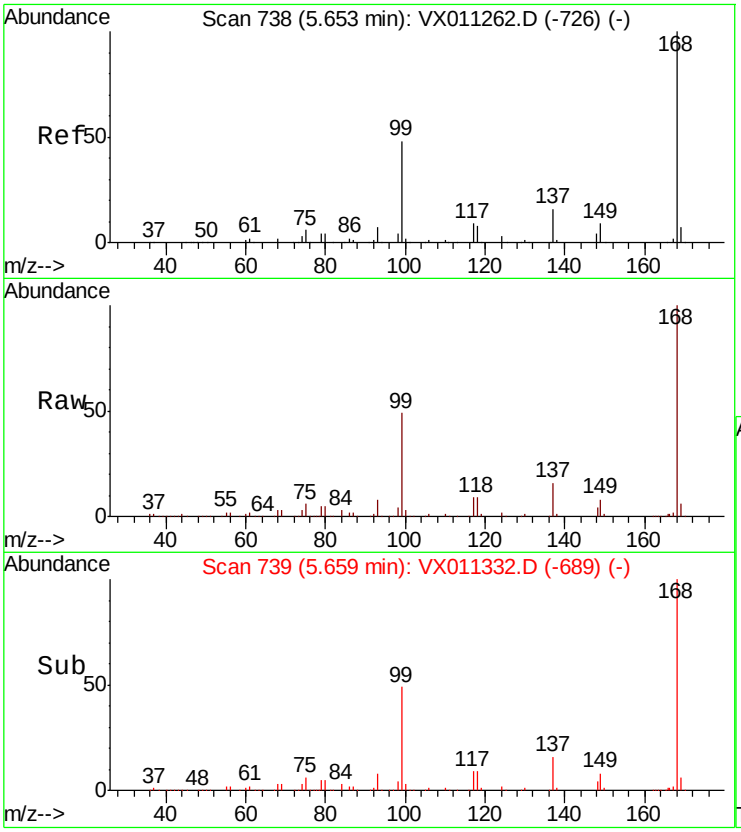
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080519\
Data File : VX011332.D
Acq On : 05 Aug 2019 17:37
Operator : JC/SP
Sample : K4130-33
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 06 02:39:53 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



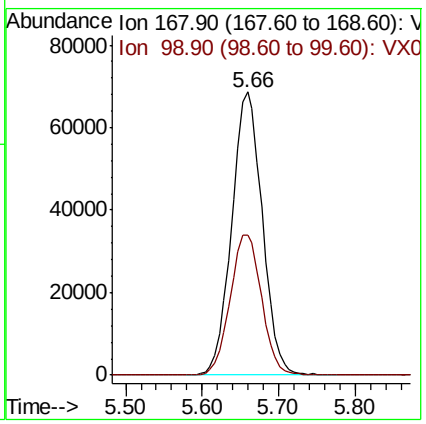


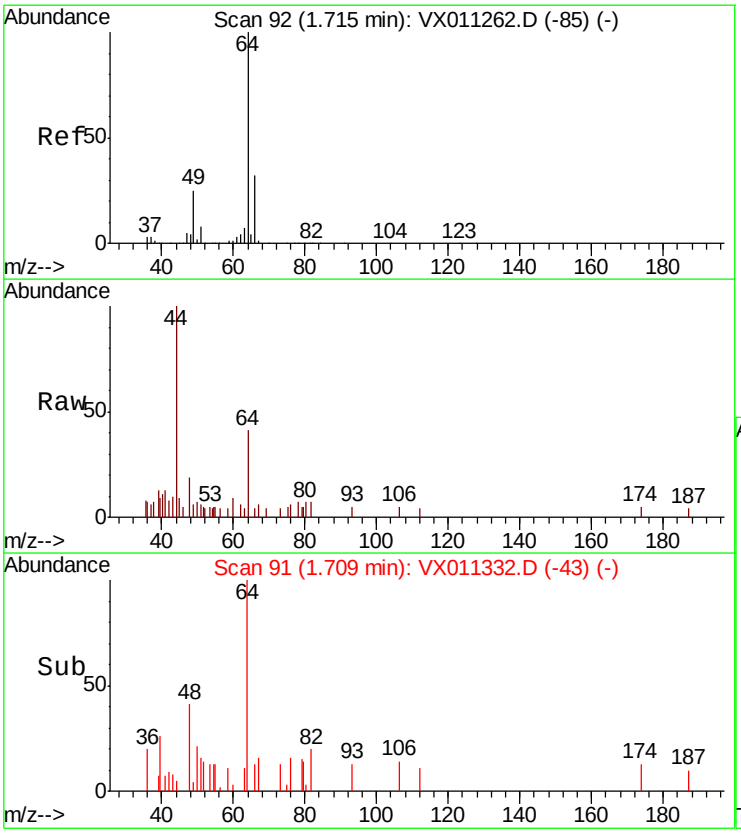
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 190236

Ion	Ratio	Lower	Upper
168	100		
99	49.4	38.5	57.7

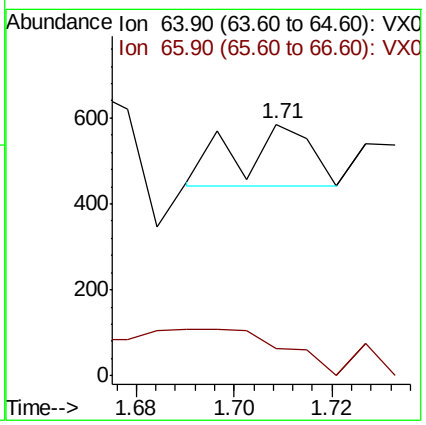


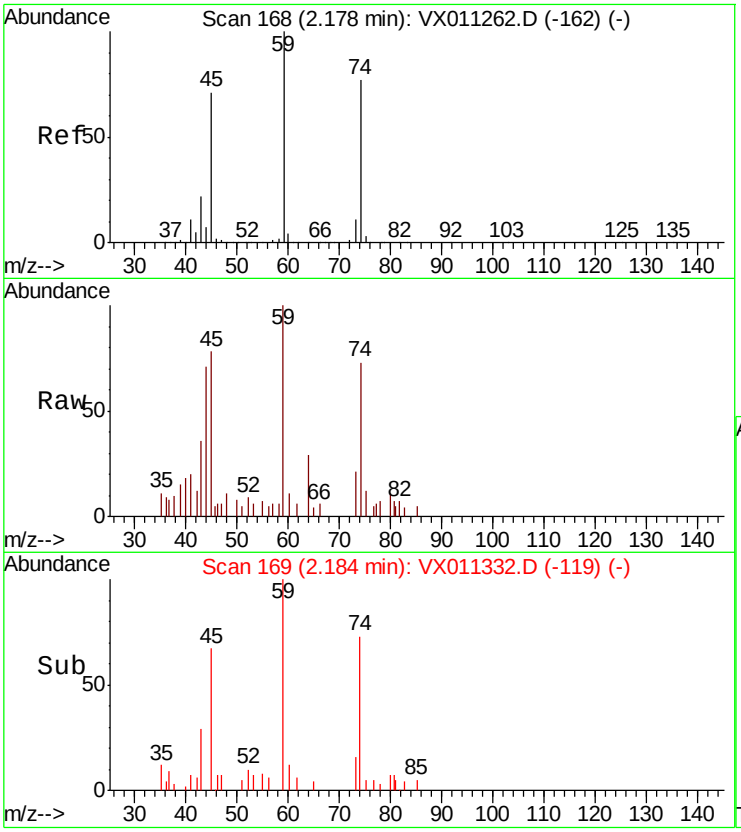


#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 91
Delta R.T. -0.01 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Tgt Ion: 64 Resp: 143

Ion	Ratio	Lower	Upper
64	100		
66	45.1	25.1	37.7#



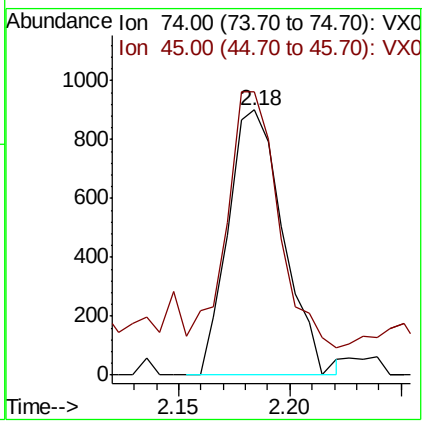


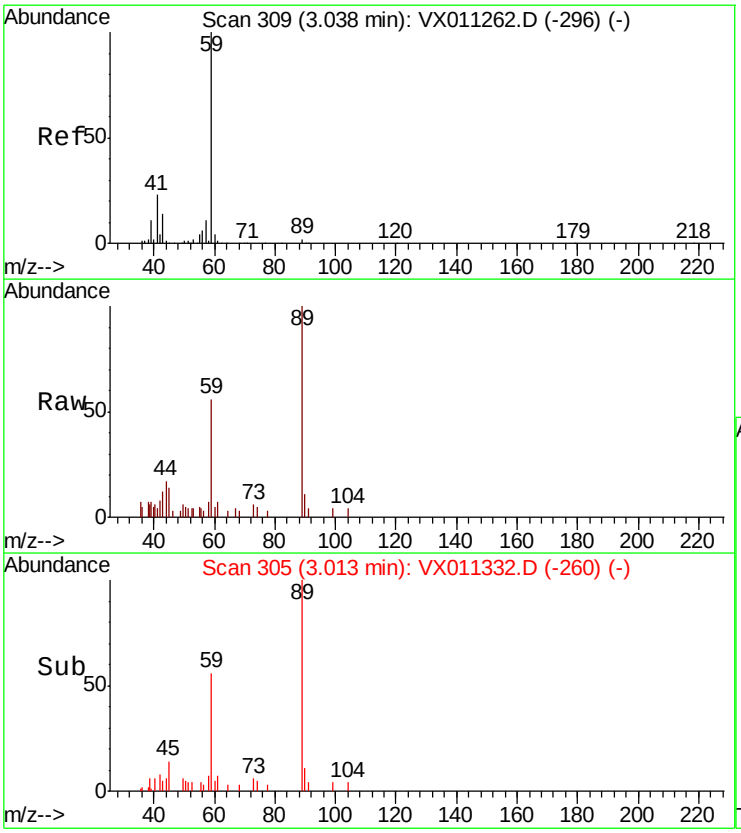
#8
Diethyl Ether
Concen: 1.349 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 1554

Ion	Ratio	Lower	Upper
74	100		
45	90.0	46.1	138.3

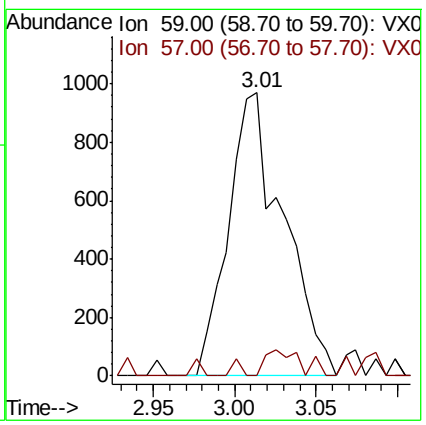


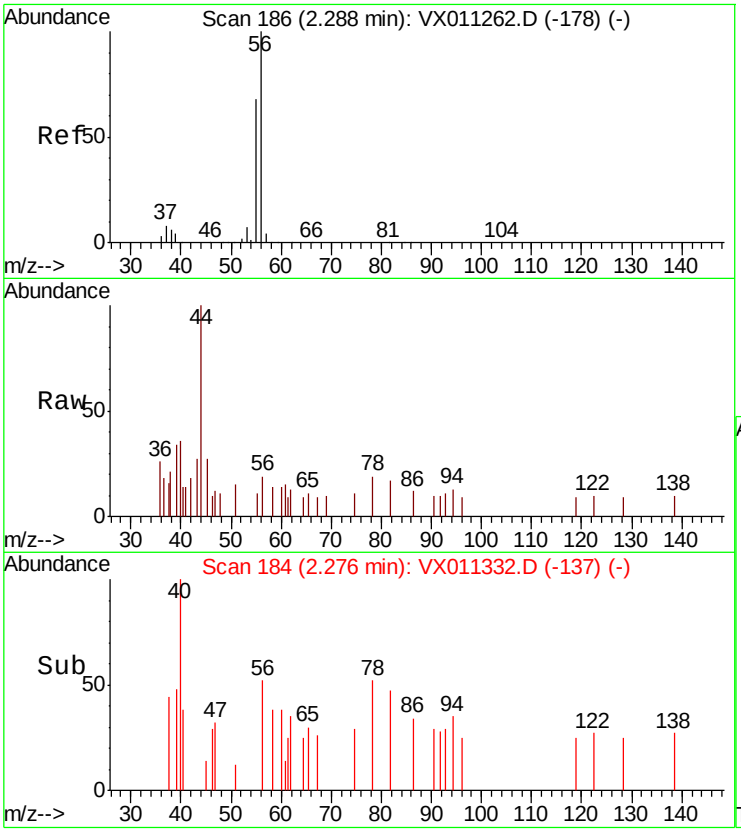


#11
Tert butyl alcohol
Concen: 5.983 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.02 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Tgt Ion: 59 Resp: 2277

Ion	Ratio	Lower	Upper
59	100		
57	0.9	8.3	12.5#



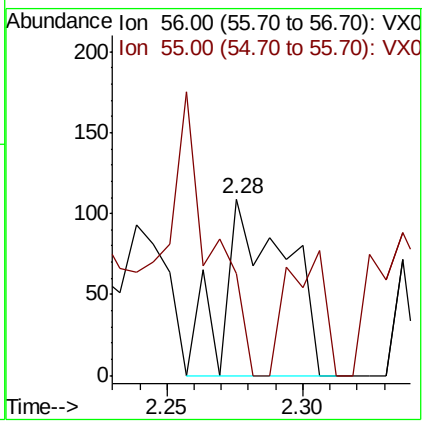


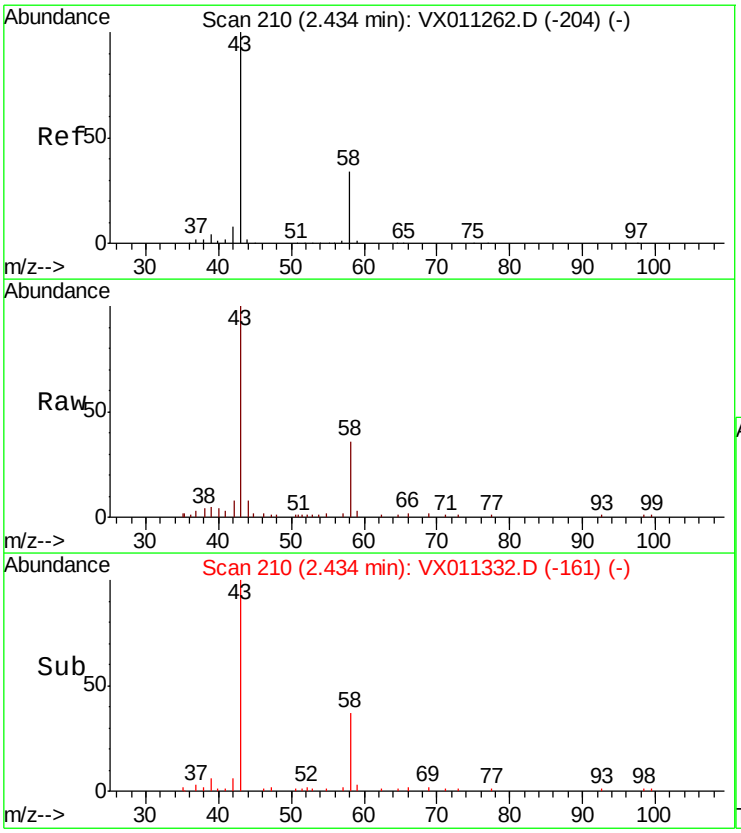
#13
Acrolein
Concen: 0.315 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.01 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 175

Ion	Ratio	Lower	Upper
56	100		
55	113.1	56.0	84.0#

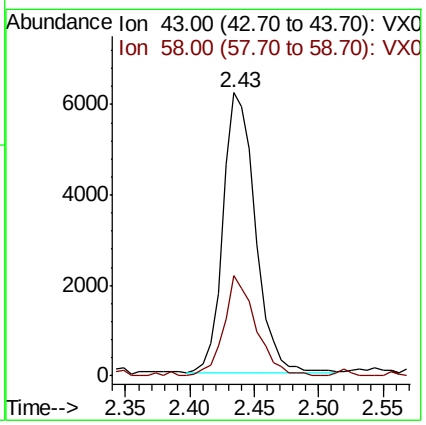


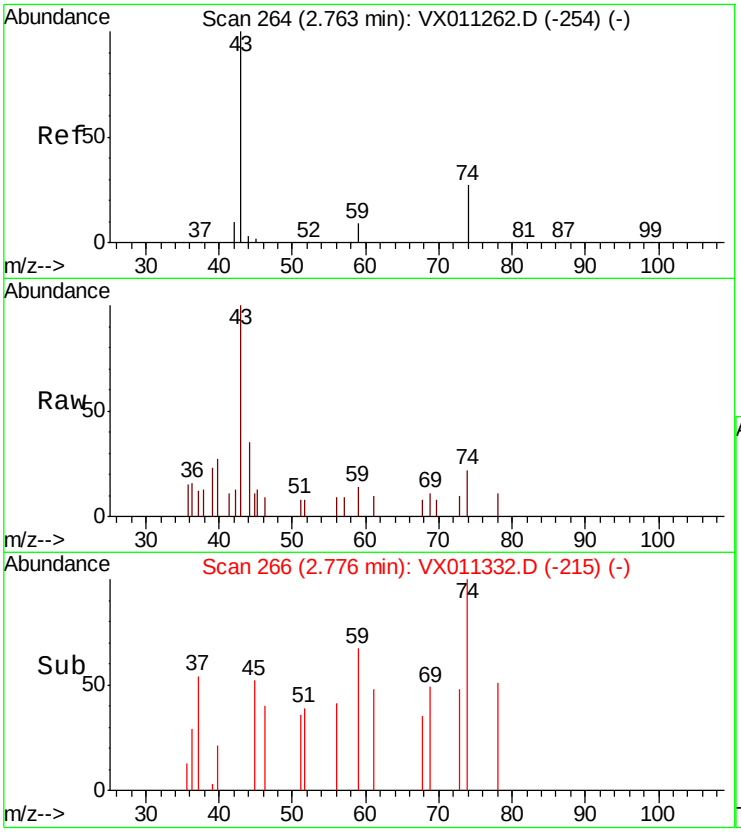


#16
Acetone
Concen: 12.039 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Tgt Ion: 43 Resp: 10978

Ion	Ratio	Lower	Upper
43	100		
58	35.9	27.4	41.0



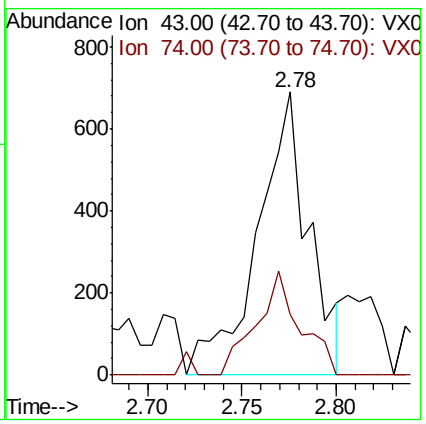


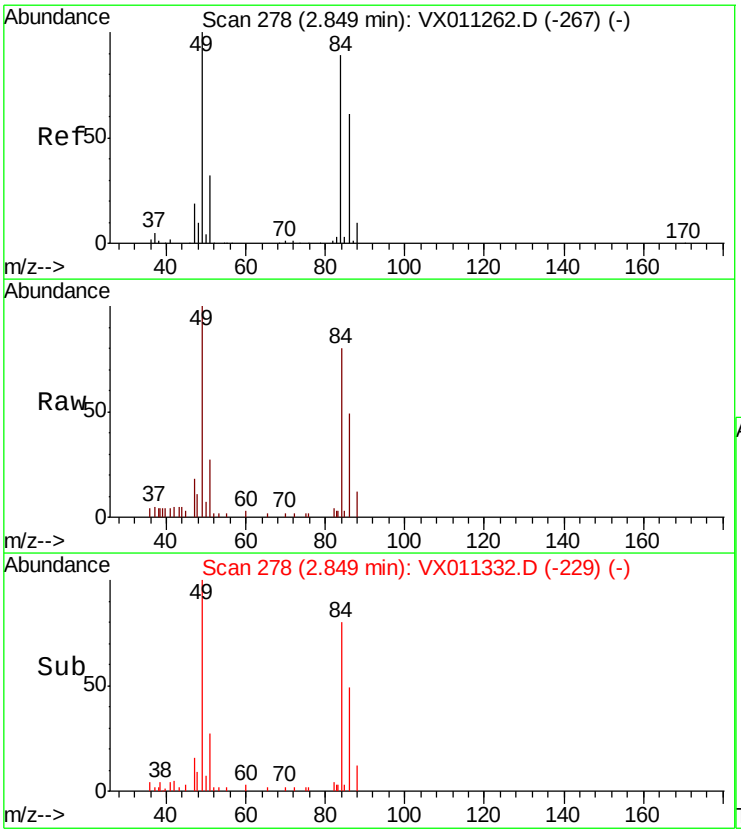
#18
Methyl Acetate
Concen: 0.624 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1300

Ion	Ratio	Lower	Upper
43	100		
74	31.6	21.0	31.6#

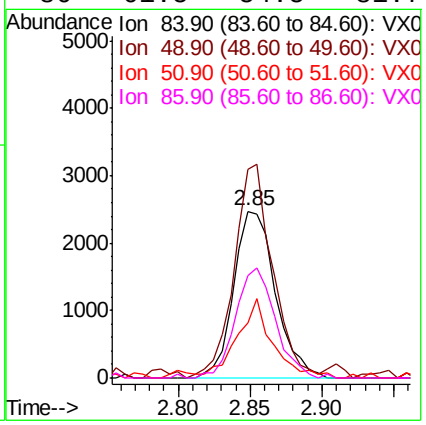


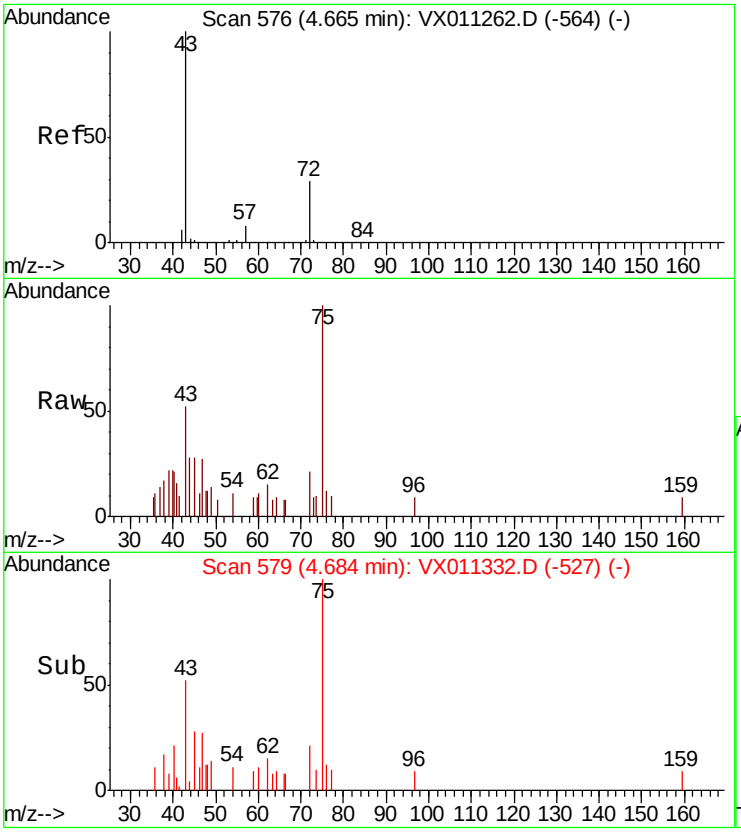


#20
Methylene Chloride
Concen: 2.495 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Tgt Ion: 84 Resp: 4983

Ion	Ratio	Lower	Upper
84	100		
49	125.3	89.3	133.9
51	33.4	28.3	42.5
86	61.5	54.5	81.7



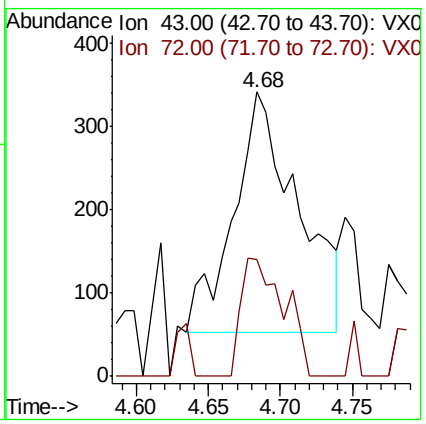


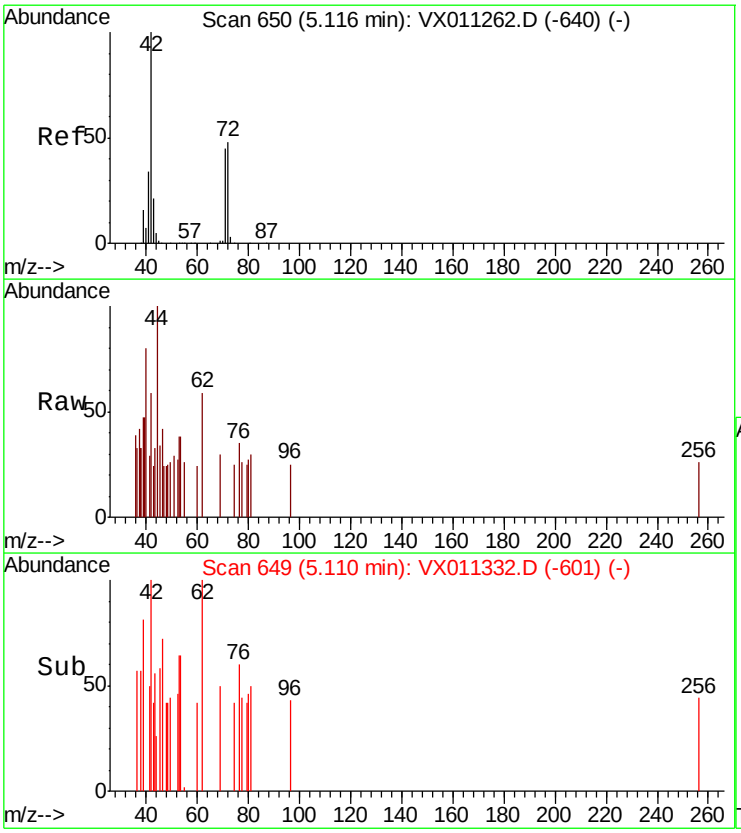
#25
2-Butanone
Concen: 0.690 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.02 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 895

Ion	Ratio	Lower	Upper
43	100		
72	48.1	23.2	34.8#

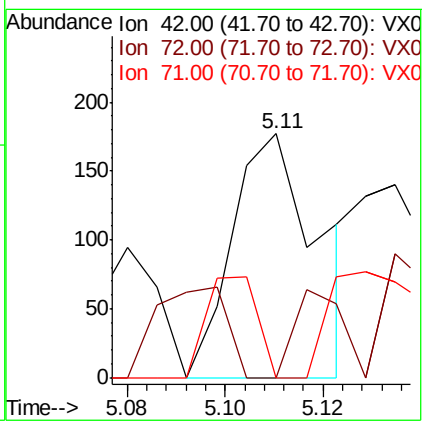


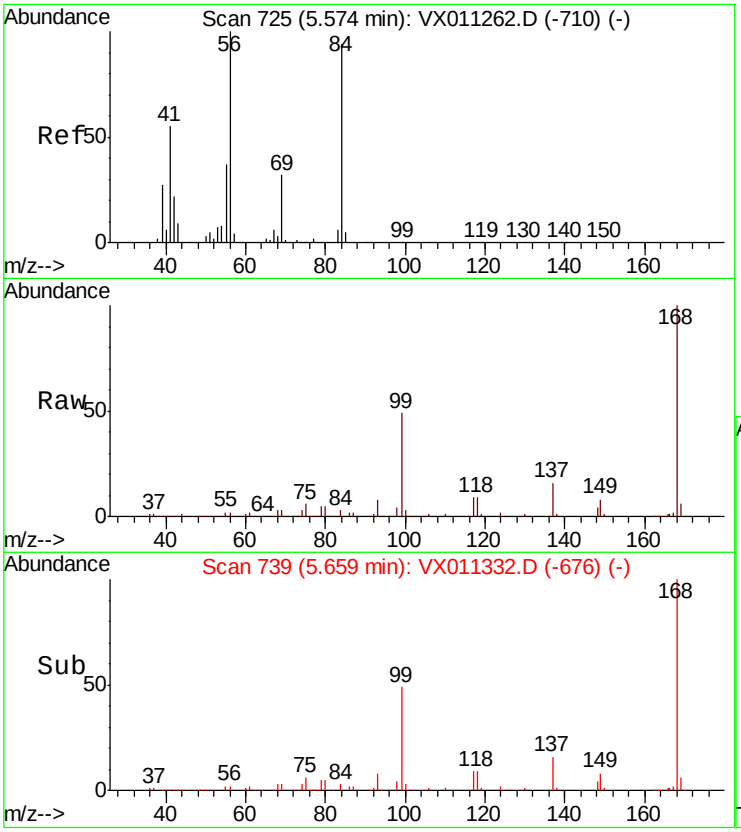


#29
Tetrahydrofuran
Concen: 0.270 ug/l
RT: 5.11 min Scan# 649
Delta R.T. -0.01 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Tgt Ion: 42 Resp: 215

Ion	Ratio	Lower	Upper
42	100		
72	20.0	39.9	59.9#
71	24.7	36.9	55.3#



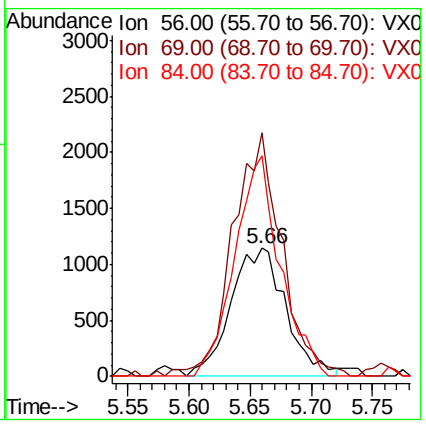


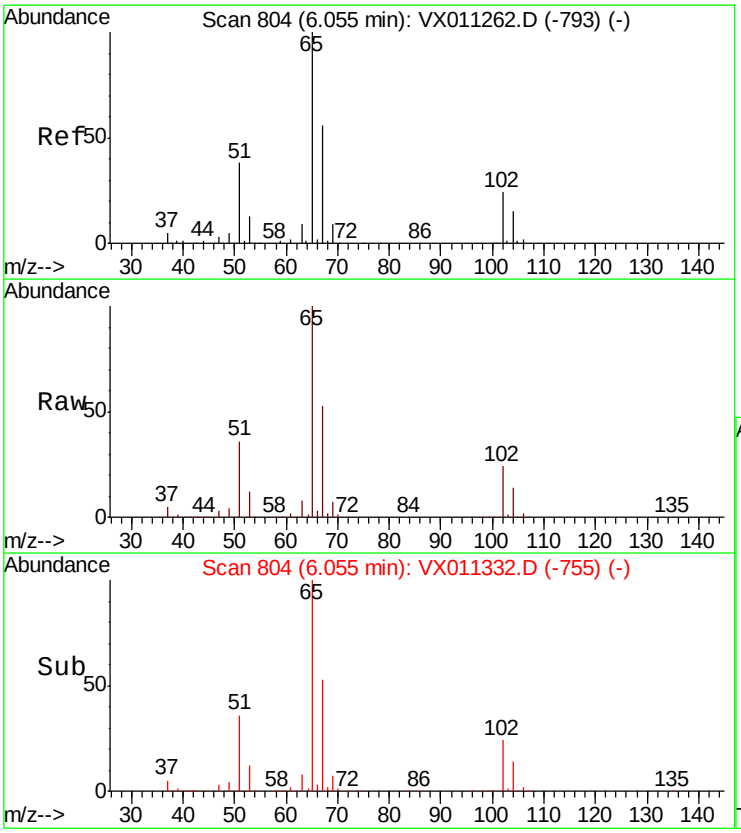
#31
Cyclohexane
Concen: 1.452 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 3582

Ion	Ratio	Lower	Upper
56	100		
69	184.4	25.5	38.3#
84	172.3	75.0	112.4#

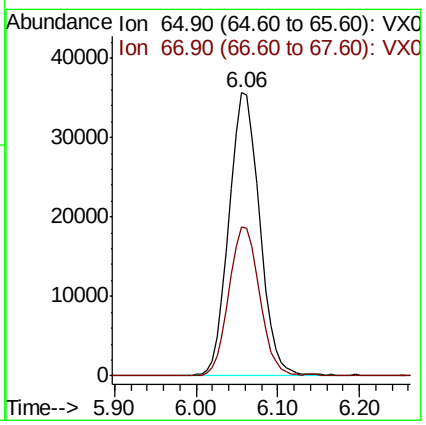


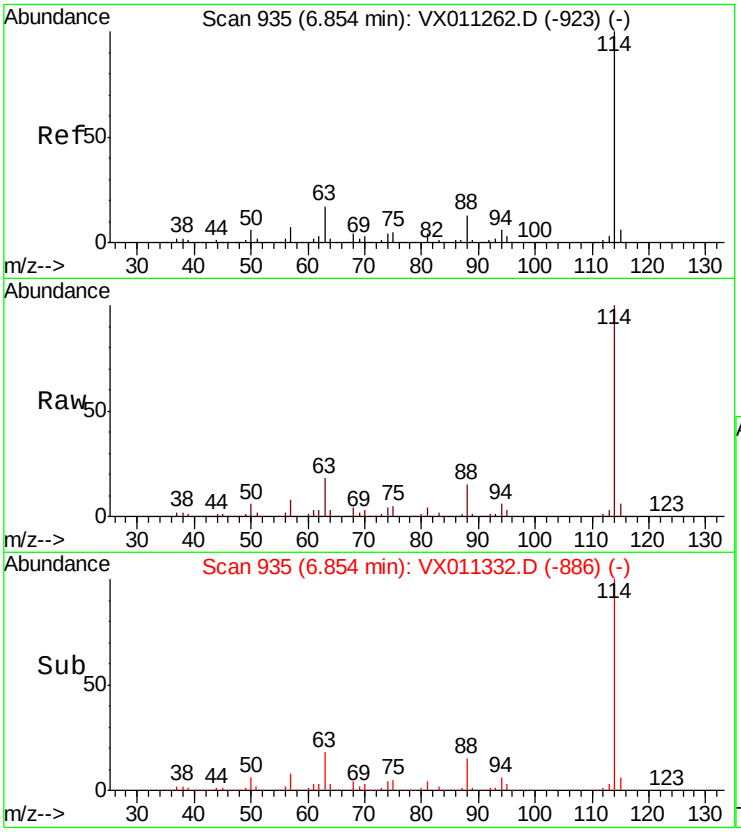


#33
1,2-Dichloroethane-d4
Concen: 48.585 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Tgt Ion: 65 Resp: 93078

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	110.6



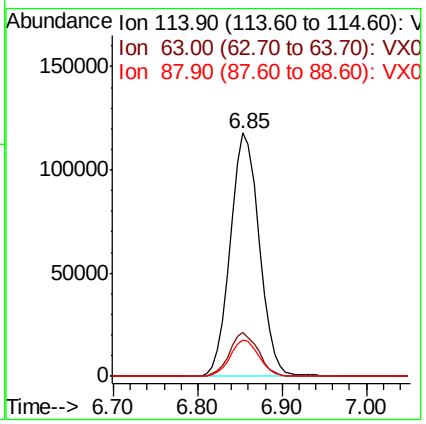


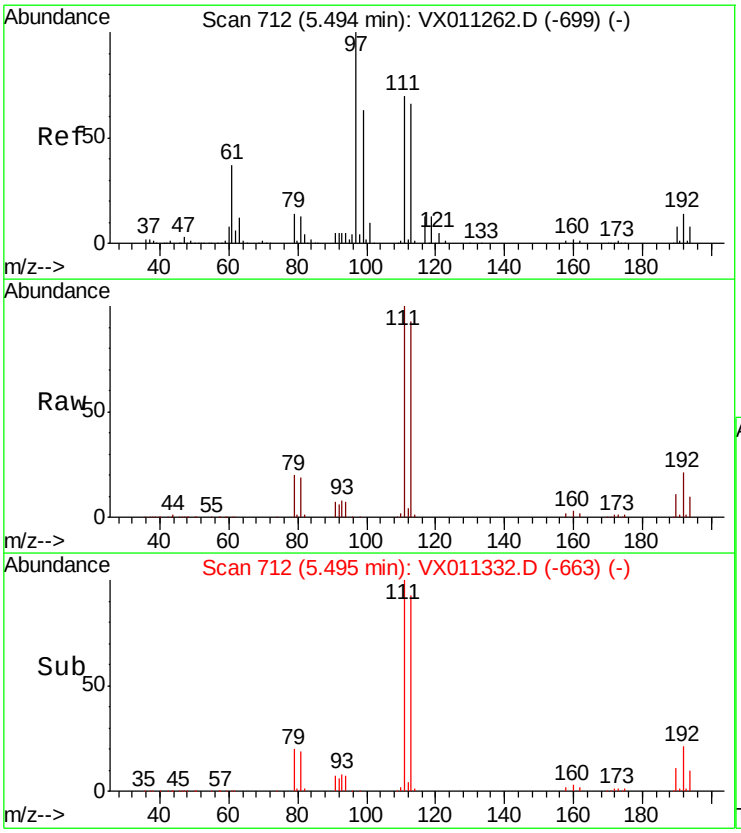
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 273979

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	34.0
88	15.0	0.0	26.4

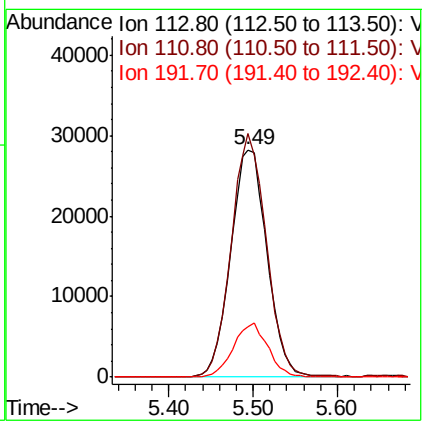


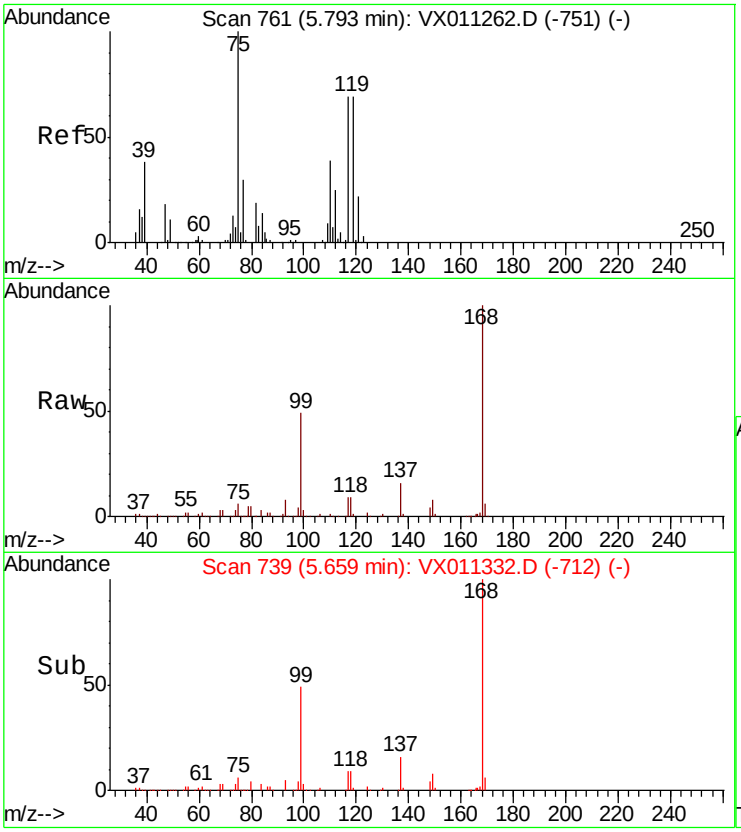


#35
Dibromofluoromethane
Concen: 46.000 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Tgt Ion:113 Resp: 82283

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	22.5	17.8	26.8



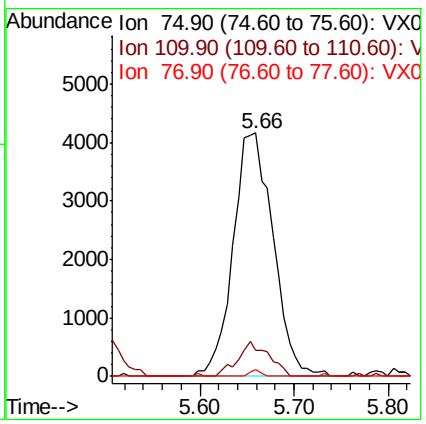


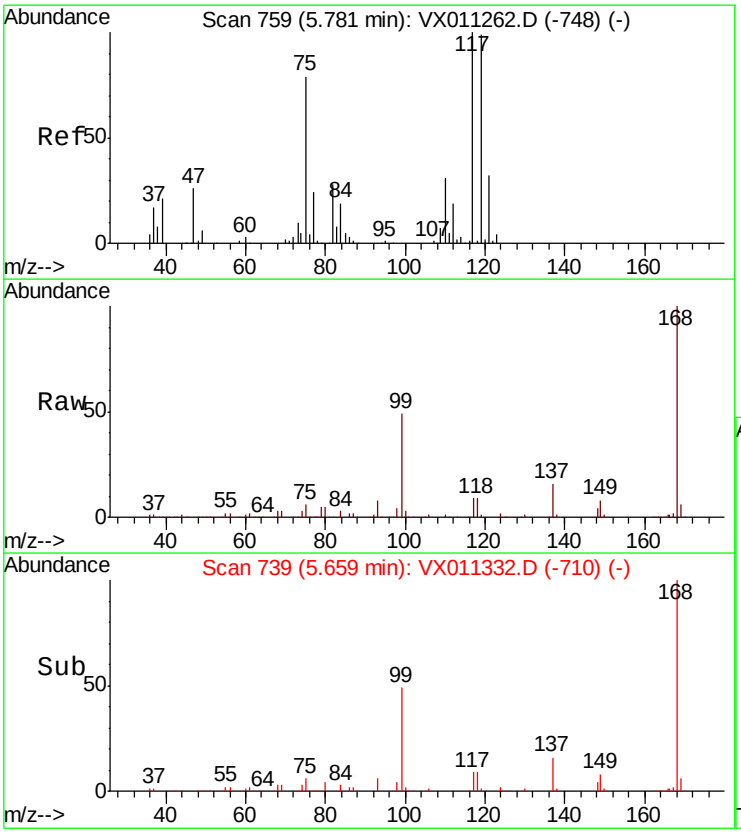
#36
1,1-Dichloropropene
Concen: 5.138 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 12291

Ion	Ratio	Lower	Upper
75	100		
110	11.1	20.0	59.9#
77	0.7	24.8	37.2#

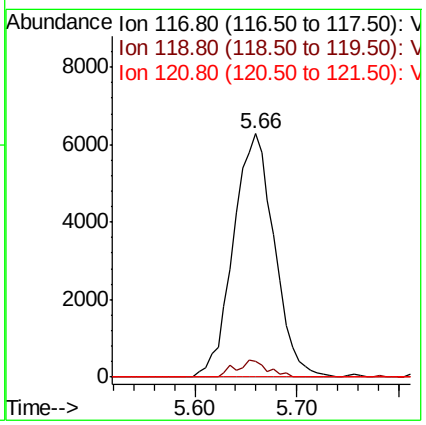


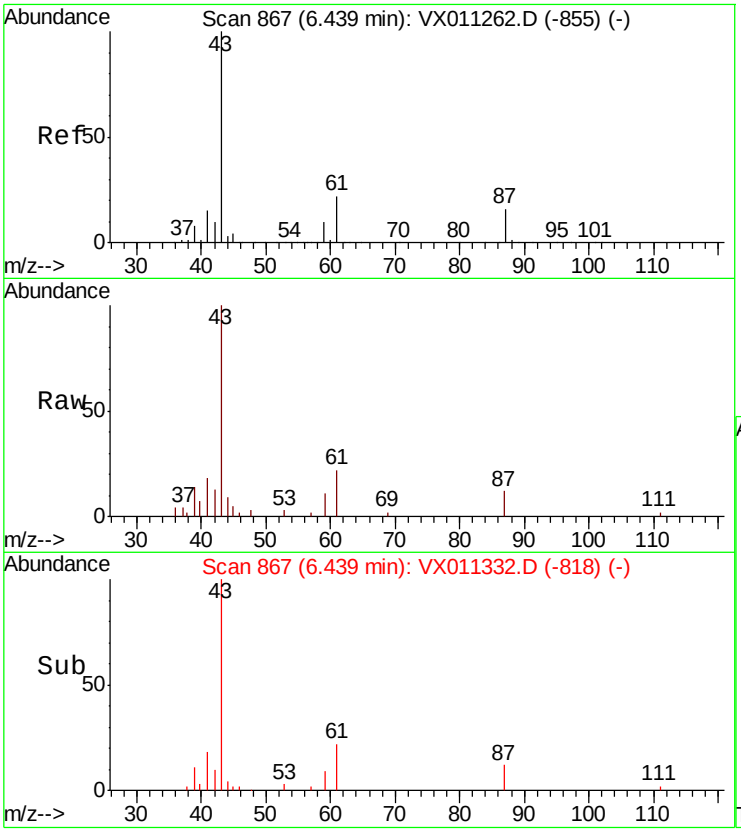


#38
Carbon Tetrachloride
Concen: 7.267 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Tgt Ion:117 Resp: 17490

Ion	Ratio	Lower	Upper
117	100		
119	6.4	79.0	118.4#
121	0.0	25.9	38.9#



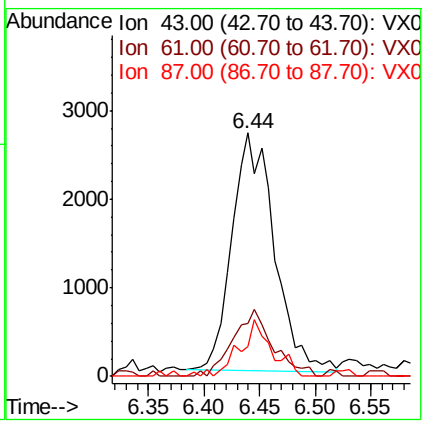


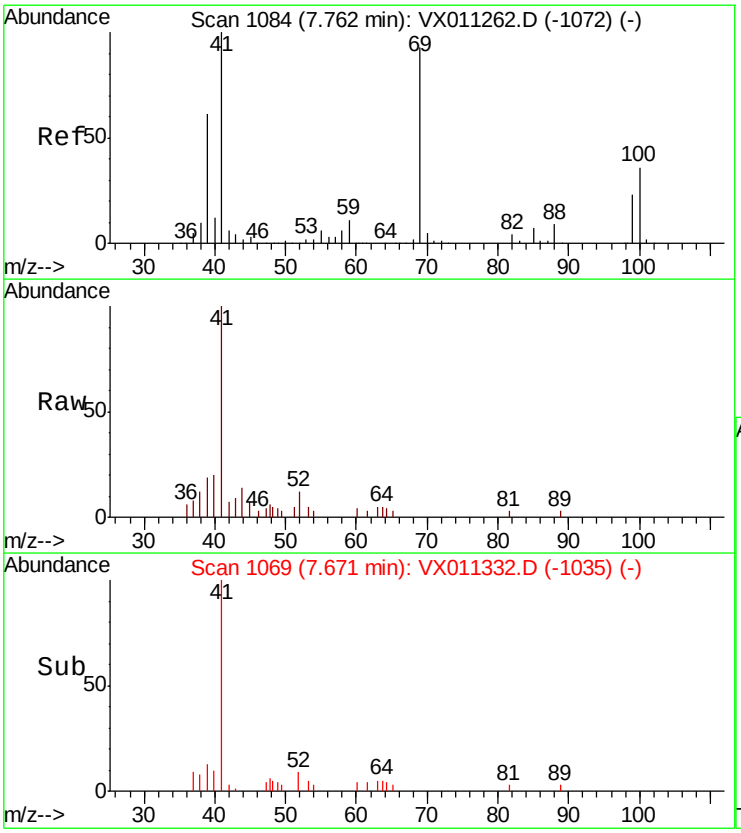
#43
Isopropyl Acetate
Concen: 1.848 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 7090

Ion	Ratio	Lower	Upper
43	100		
61	26.1	16.5	24.7#
87	17.7	12.1	18.1

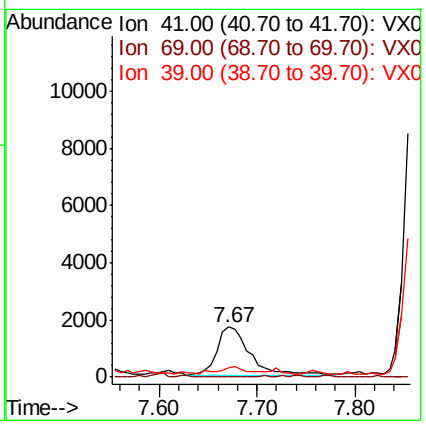


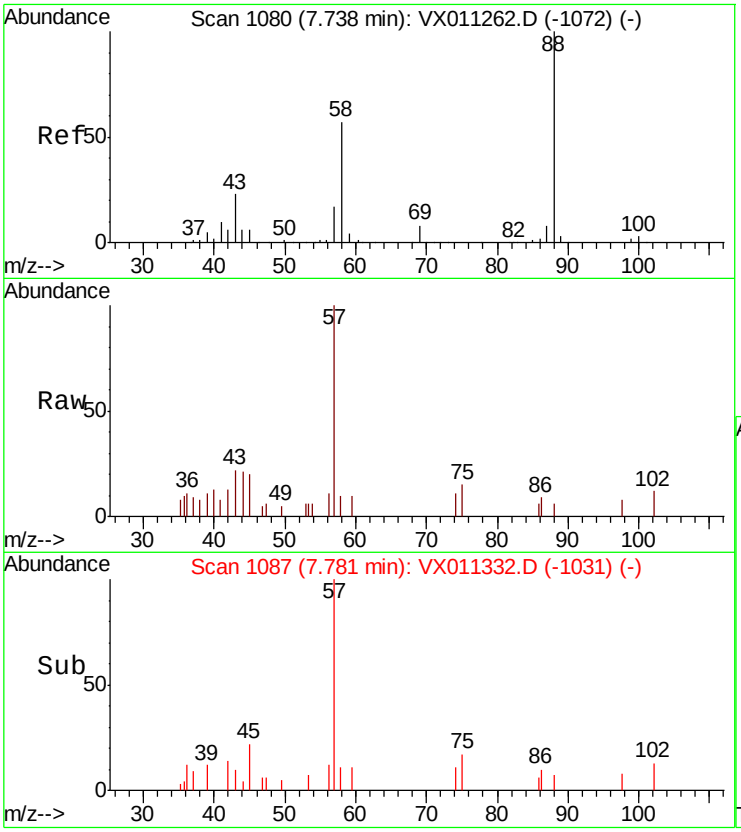


#48
Methyl methacrylate
Concen: 2.221 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.09 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Tgt Ion: 41 Resp: 4009

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



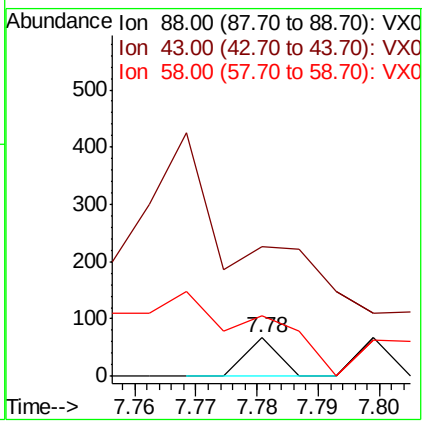


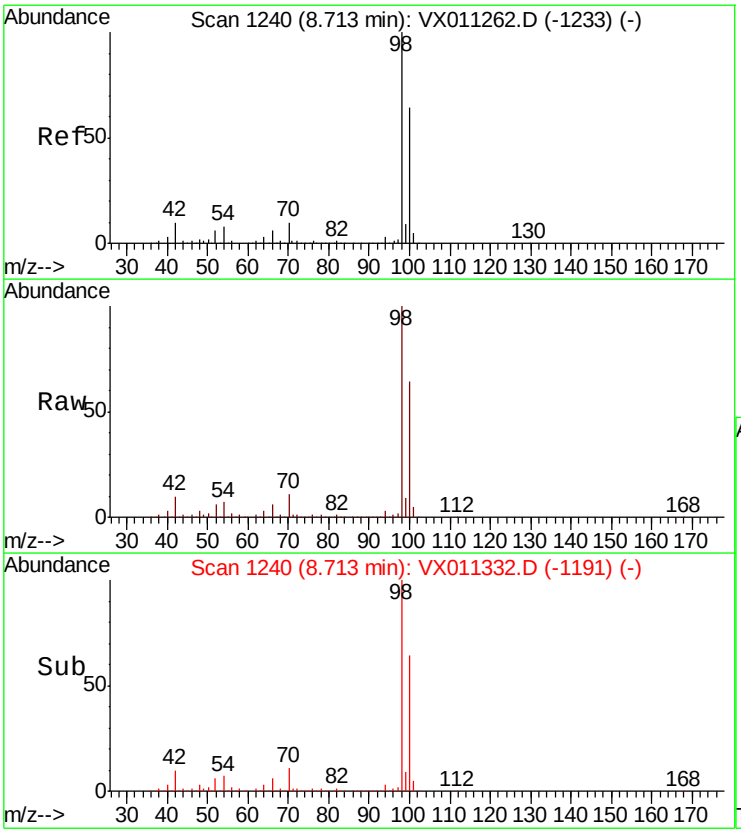
#49
1,4-Dioxane
Concen: 0.478 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. 0.04 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 25

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

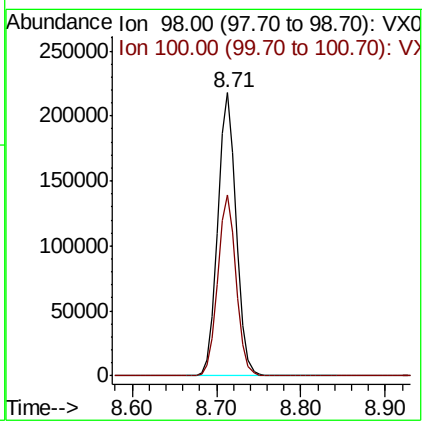


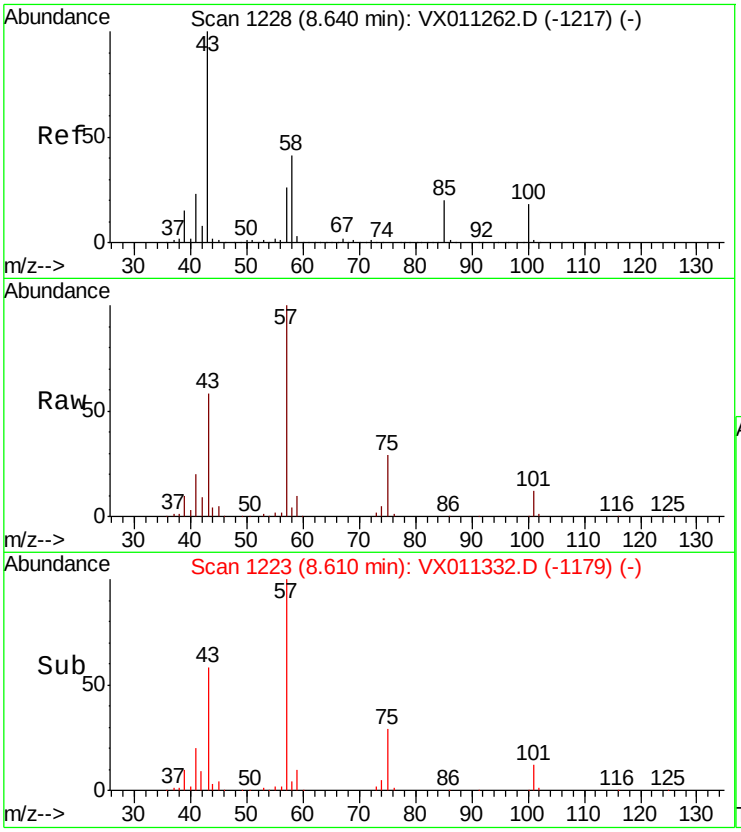


#50
Toluene-d8
Concen: 48.939 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Tgt Ion: 98 Resp: 330434

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.7	77.5



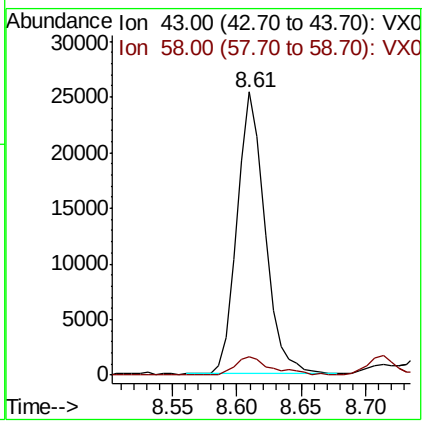


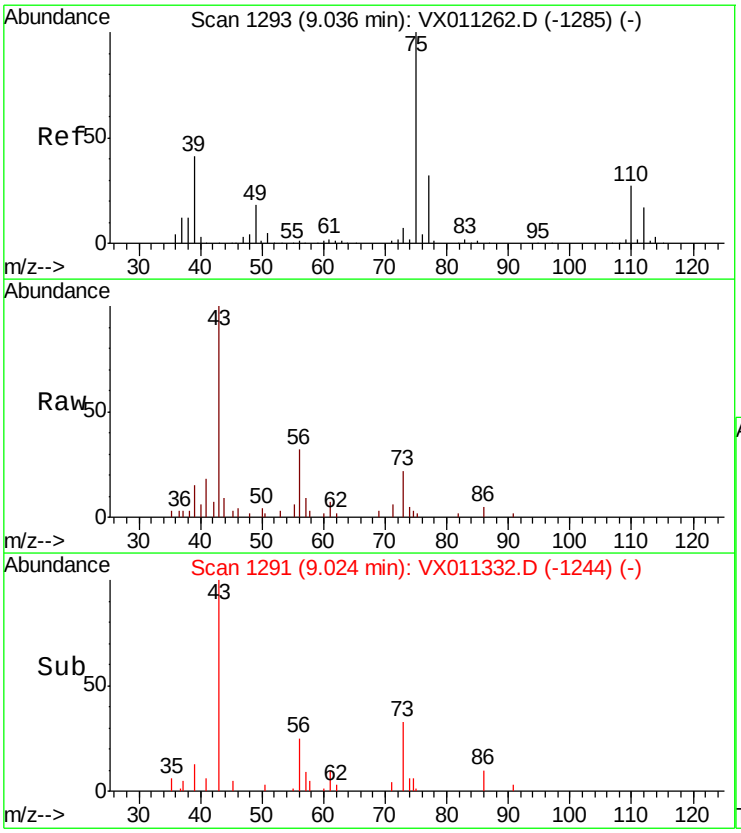
#51
4-Methyl-2-Pentanone
Concen: 15.398 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 38121

Ion	Ratio	Lower	Upper
43	100		
58	8.5	32.3	48.5#

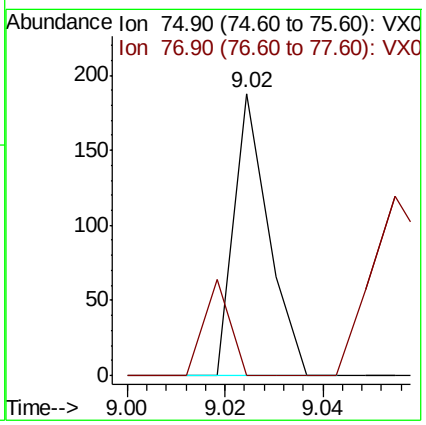


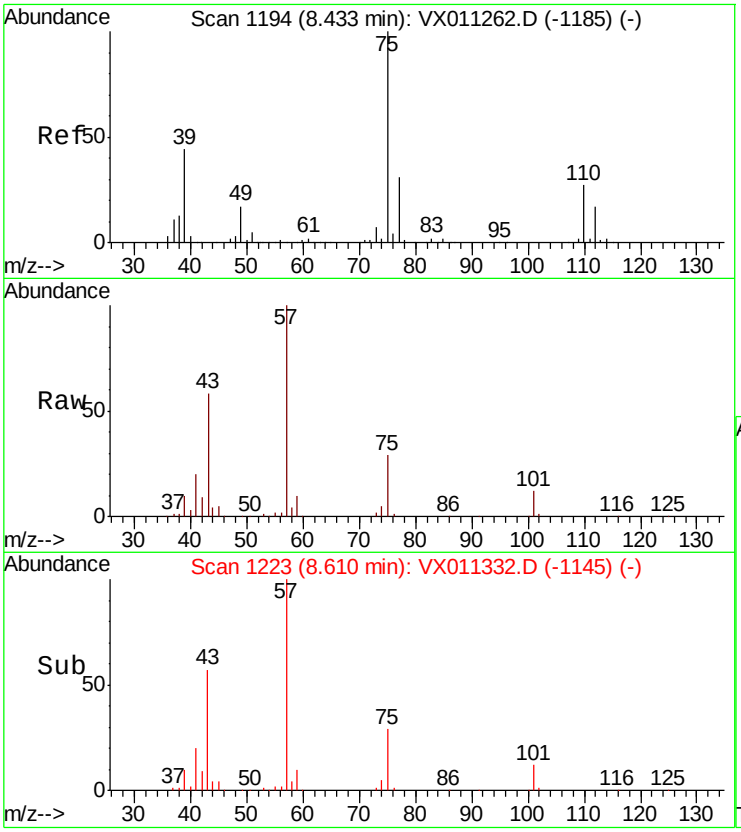


#53
t-1,3-Dichloropropene
Concen: 2.871 ug/l
RT: 9.02 min Scan# 1291
Delta R.T. -0.01 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Tgt Ion: 75 Resp: 93

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#



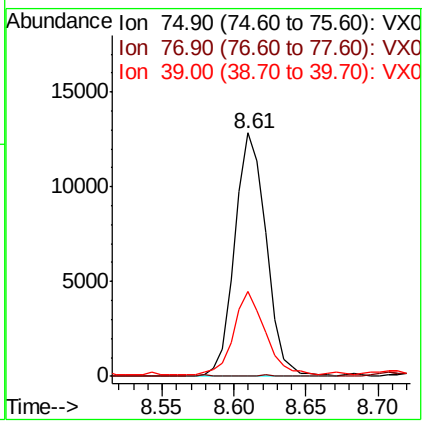


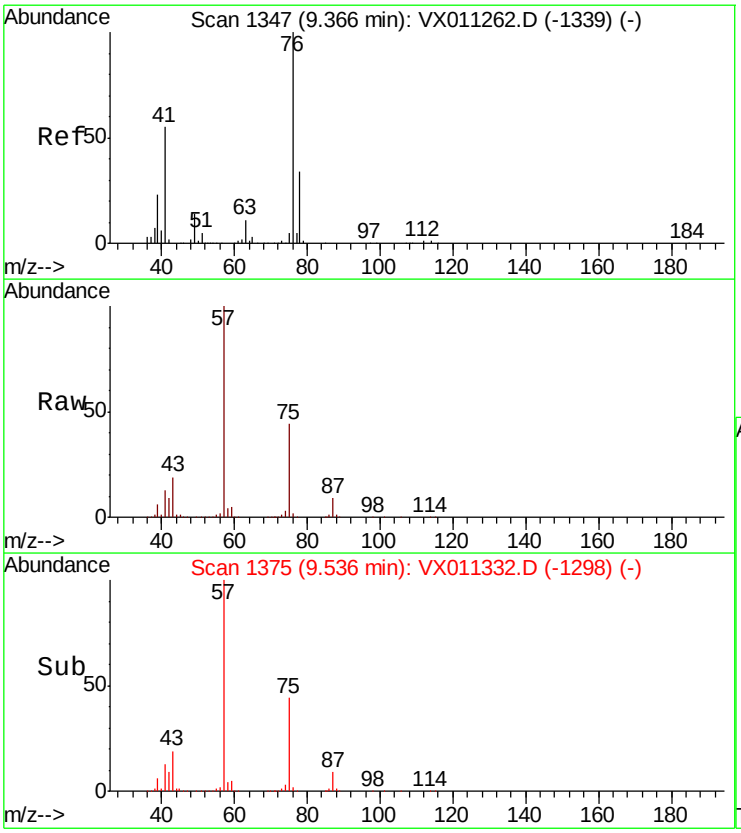
#54
cis-1,3-Dichloropropene
Concen: 7.326 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 19553

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.6#
39	34.3	35.3	52.9#

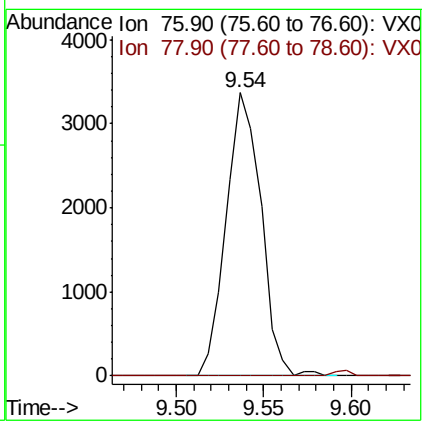


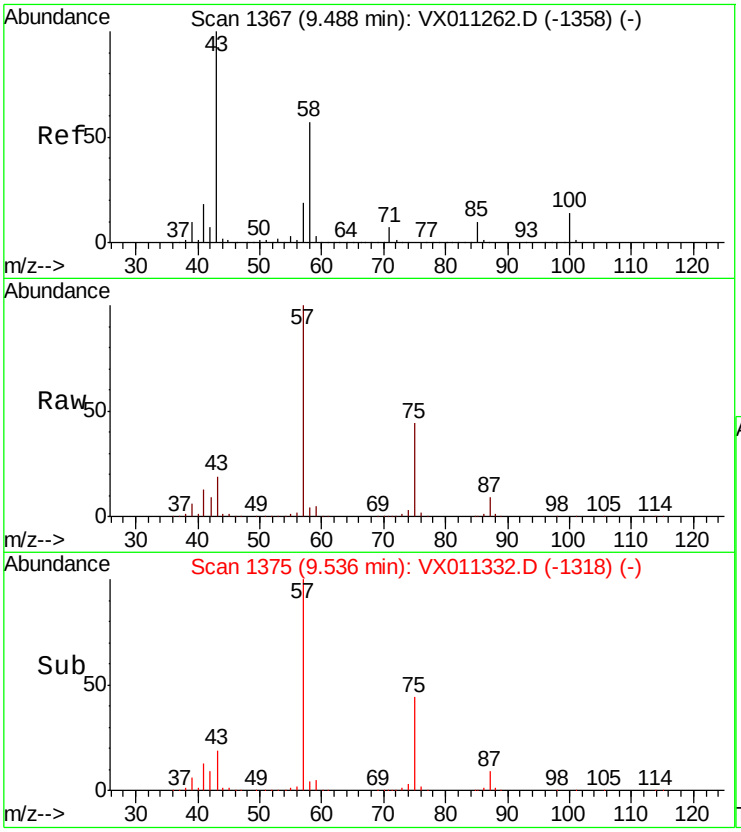


#57
1,3-Dichloropropane
Concen: 1.522 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Tgt Ion: 76 Resp: 4672

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.6	40.0#



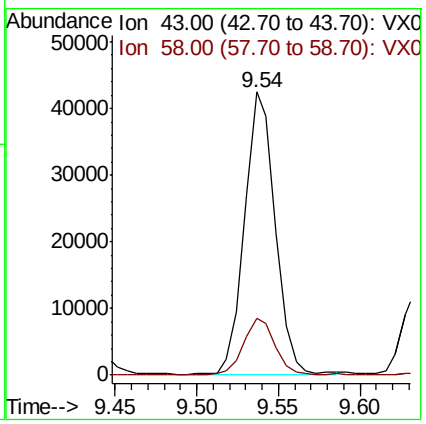


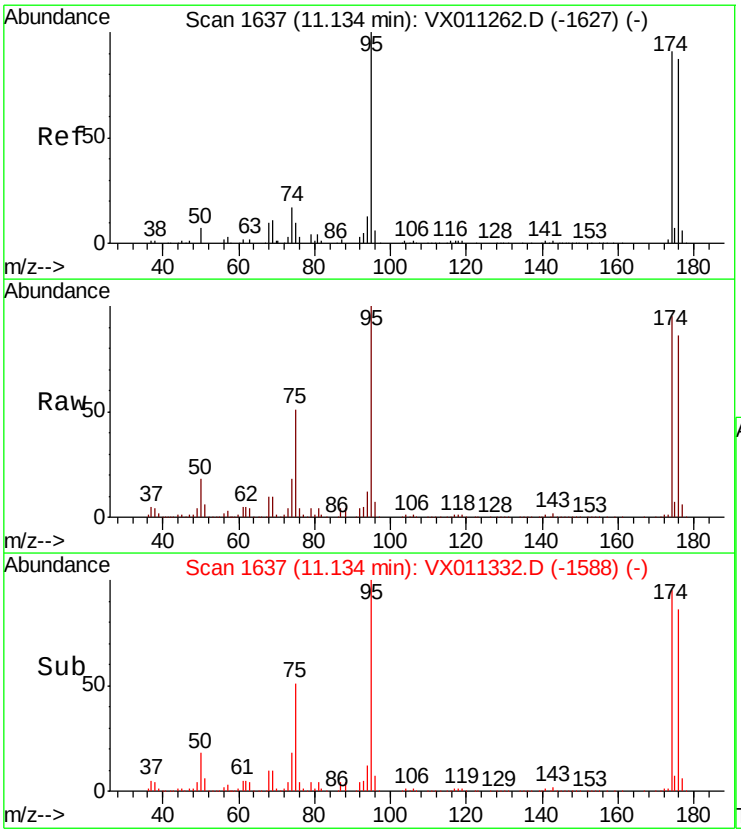
#59
2-Hexanone
Concen: 28.996 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 55602

Ion	Ratio	Lower	Upper
43	100		
58	20.4	28.2	84.6#

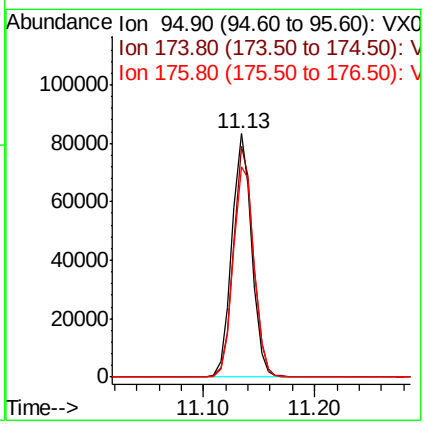


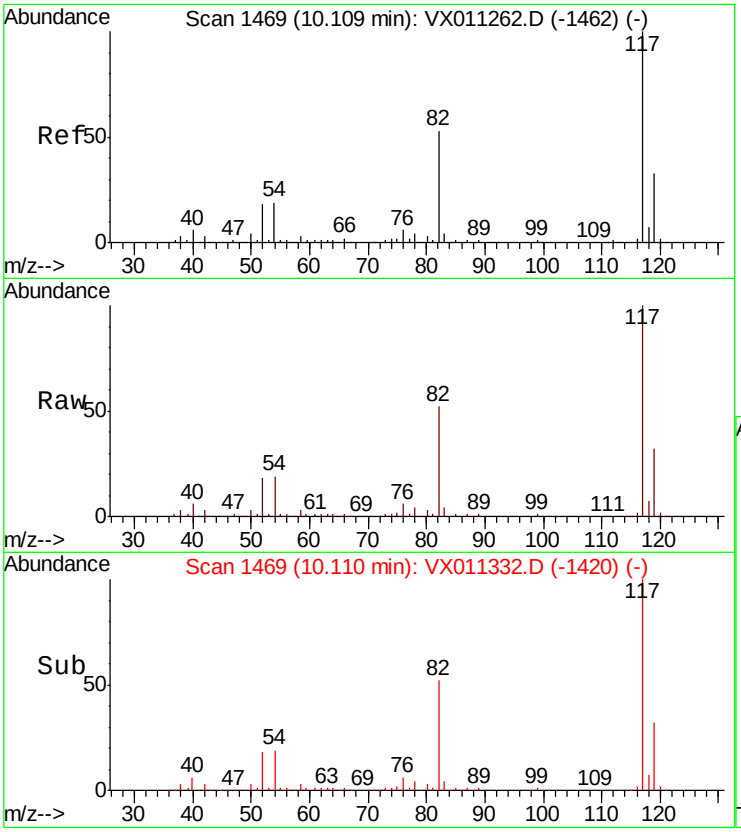


#62
4-Bromofluorobenzene
Concen: 42.451 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Tgt Ion: 95 Resp: 102334

Ion	Ratio	Lower	Upper
95	100		
174	95.3	0.0	191.2
176	91.3	0.0	184.8



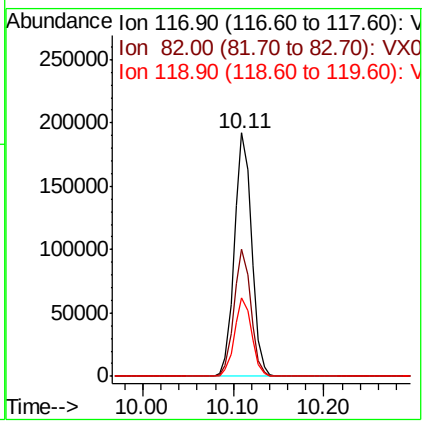


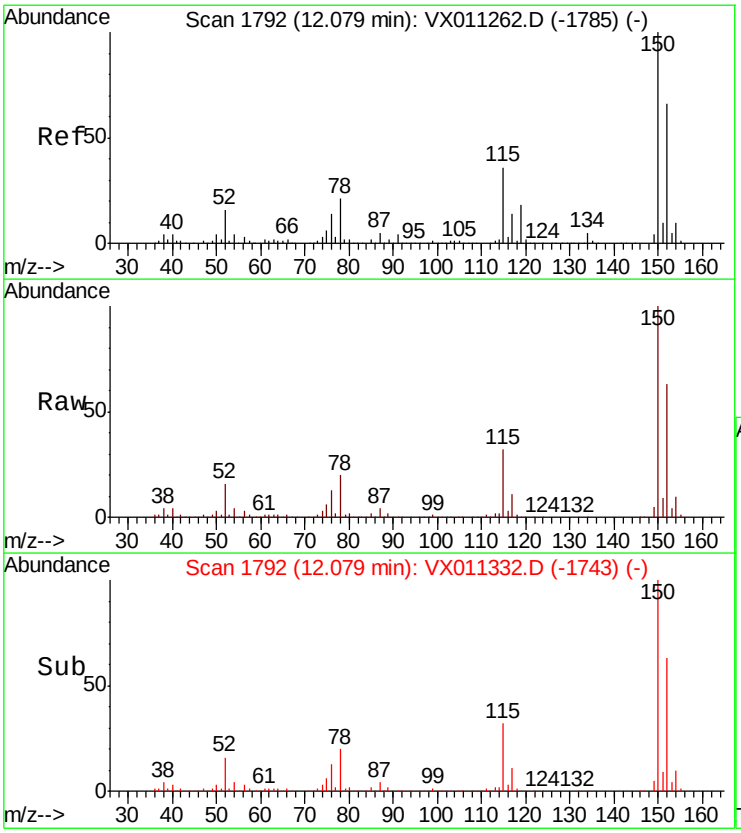
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 253390

Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.2	63.2
119	32.4	26.6	39.8

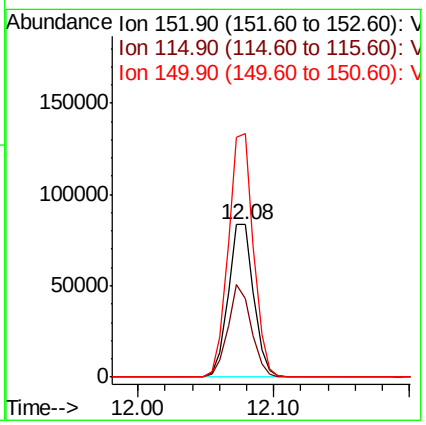


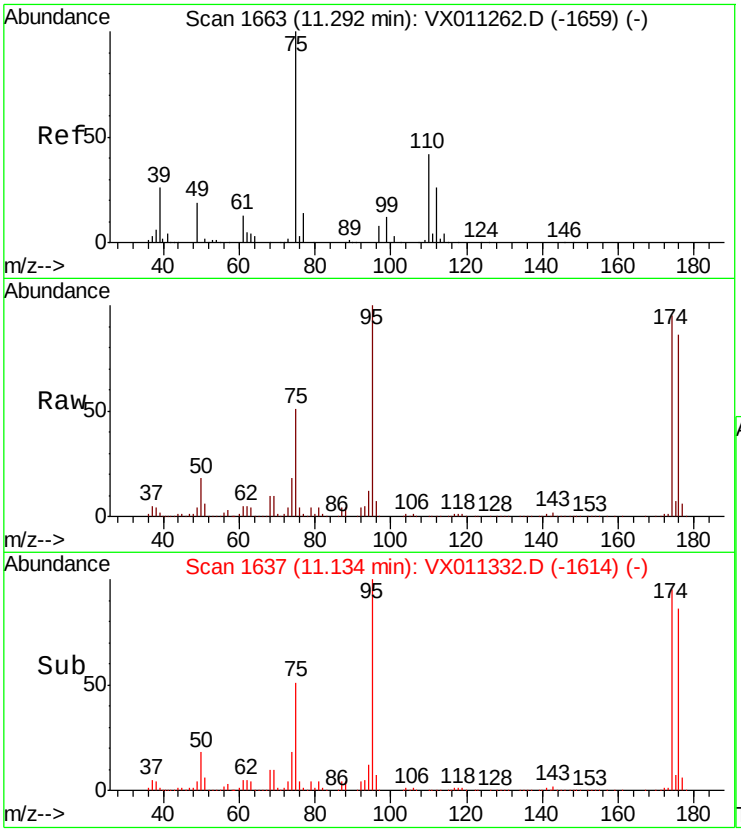


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Tgt Ion:152 Resp: 108377

Ion	Ratio	Lower	Upper
152	100		
115	55.9	40.0	119.9
150	158.0	0.0	350.4



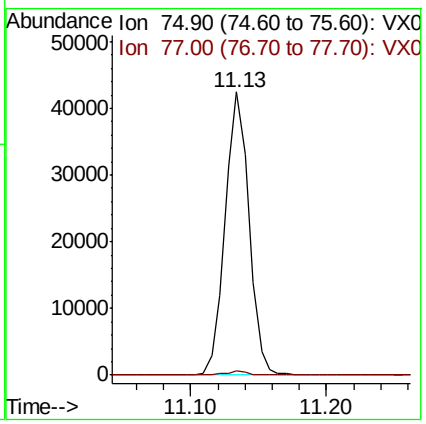


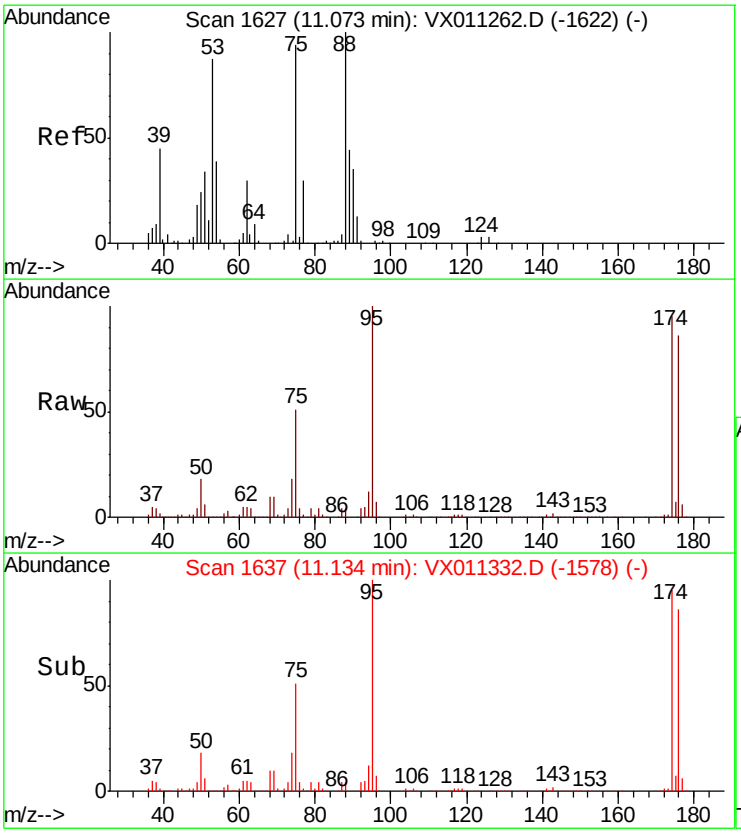
#76
1,2,3-Trichloropropane
Concen: 26.153 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 51617

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.1	63.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.039 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Tgt Ion: 75 Resp: 51617

Ion	Ratio	Lower	Upper
75	100		
53	0.2	78.2	117.4#
89	0.1	37.9	56.9#