Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051018\
Data File : VW002392.D
Acq On : 10 May 2018 20:12
Operator : JC/SY
Sample : J2730-05RE
Misc : 6.24G/5ML/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: May 11 04:54:50 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
Quant Title : SW846 8260
QLast Update : Tue May 08 03:57:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	7254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	12876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	11124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	3610	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	6058	78.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 157.28%			
35) Dibromofluoromethane	7.89	113	5210	63.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 126.26%			
50) Toluene-d8	10.33	98	12161	38.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 77.28%			
62) 4-Bromofluorobenzene	12.63	95	3462	30.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 60.88%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.25	101	50	1.33	ug/l #	16
11) Tert butyl alcohol	5.21	59	47	8.39	ug/l #	85
12) 1,1-Dichloroethene	4.09	96	92	1.40	ug/l #	1
13) Acrolein	3.88	56	38	8.11	ug/l #	37
14) Allyl chloride	4.64	41	117	1.21	ug/l #	78
15) Acrylonitrile	5.31	53	39	2.37	ug/l #	16
16) Acetone	4.10	43	546	36.29	ug/l #	87
18) Methyl Acetate	4.67	43	56	1.24	ug/l #	51
20) Methylene Chloride	4.91	84	719	9.91	ug/l #	88
25) 2-Butanone	7.20	43	24	1.07	ug/l #	49
29) Tetrahydrofuran	7.50	42	91	6.21	ug/l #	58
31) Cyclohexane	7.95	56	171	1.49	ug/l #	34
37) Ethyl Acetate	7.26	43	68	1.20	ug/l #	69
38) Carbon Tetrachloride	7.95	117	821	7.29	ug/l #	24
41) Methacrylonitrile	7.49	41	53	1.63	ug/l #	1
43) Isopropyl Acetate	8.40	43	145	1.35	ug/l #	52
48) Methyl methacrylate	9.45	41	76	1.45	ug/l #	1
51) 4-Methyl-2-Pentanone	10.16	43	64	1.08	ug/l	100
59) 2-Hexanone	10.79	43	80	1.97	ug/l	72
76) 1,2,3-Trichloropropane	12.63	75	2025	63.26	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	2025	166.63	ug/l #	10
95) Naphthalene	15.38	128	350	2.51	ug/l #	68

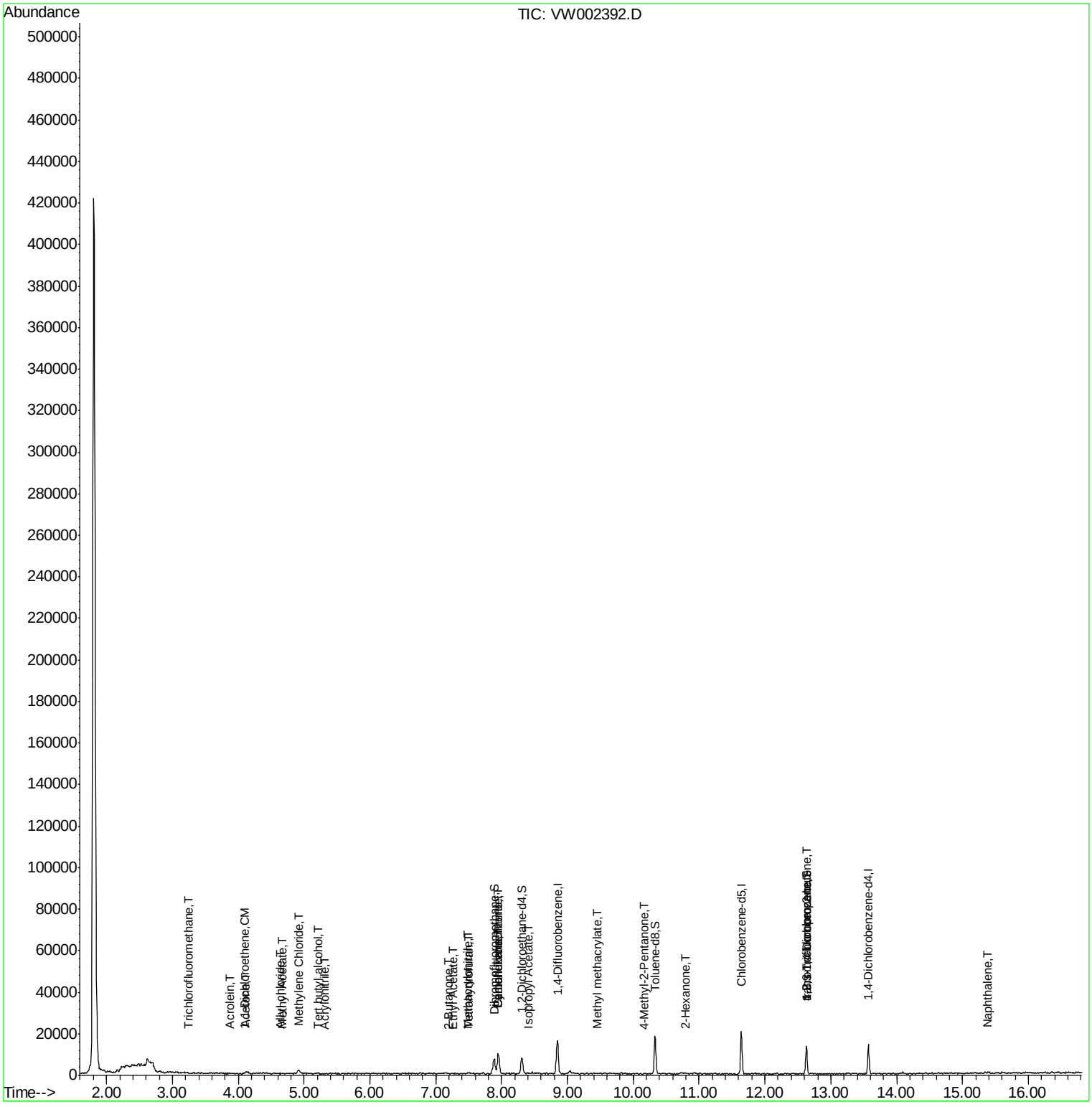
(#) = qualifier out of range (m) = manual integration (+) = signals summed

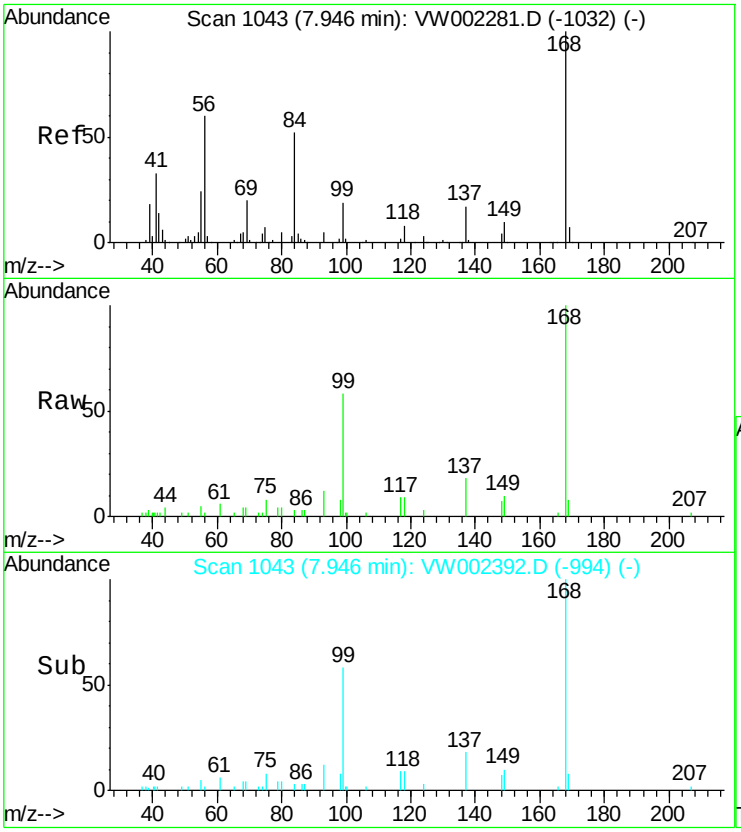
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051018\
Data File : VW002392.D
Acq On : 10 May 2018 20:12
Operator : JC/SY
Sample : J2730-05RE
Misc : 6.24G/5ML/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: May 11 04:54:50 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
Quant Title : SW846 8260
QLast Update : Tue May 08 03:57:58 2018
Response via : Initial Calibration



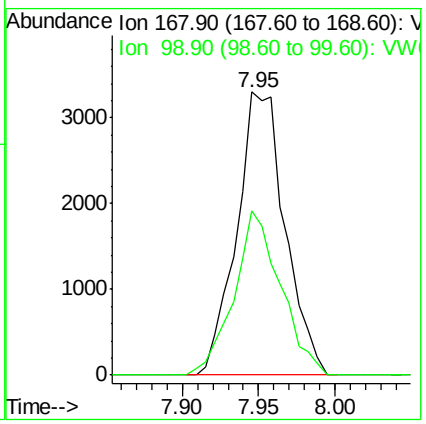


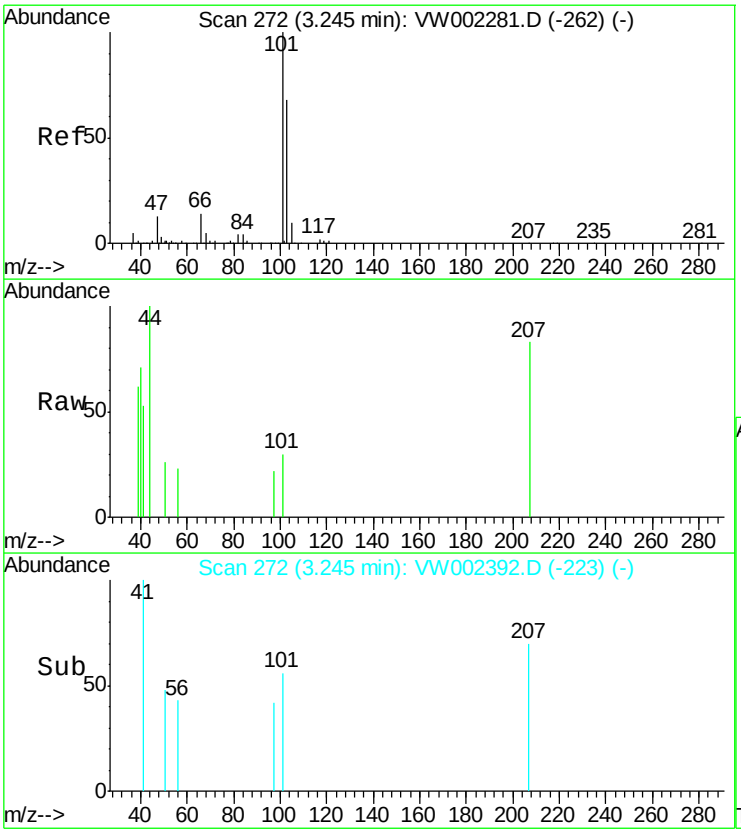
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:168 Resp: 7254

Ion	Ratio	Lower	Upper
168	100		
99	57.9	43.7	65.5

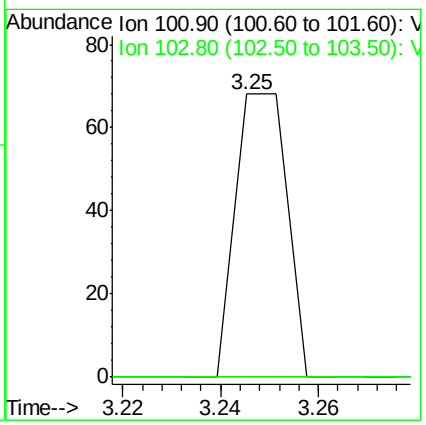


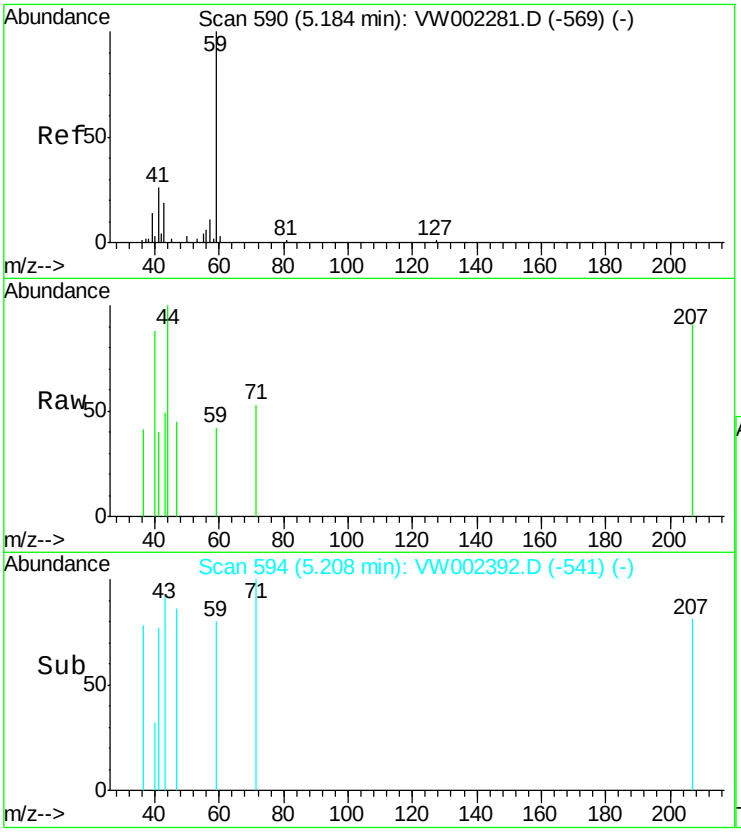


#7
Trichlorofluoromethane
Concen: 1.33 ug/l
RT: 3.25 min Scan# 272
Delta R.T. -0.00 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Tgt Ion:101 Resp: 50

Ion	Ratio	Lower	Upper
101	100		
103	0.0	54.6	82.0#



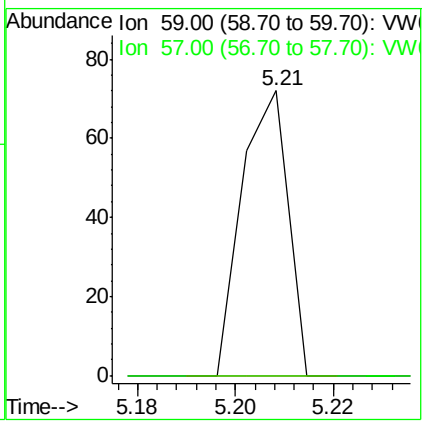


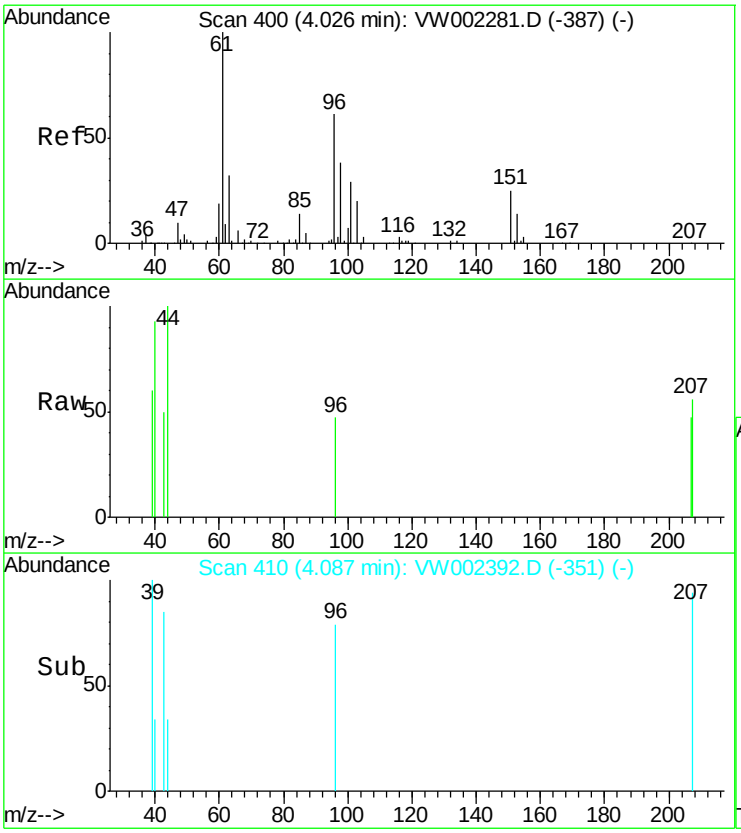
#11
Tert butyl alcohol
Concen: 8.39 ug/l
RT: 5.21 min Scan# 594
Delta R.T. 0.02 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 59 Resp: 47

Ion	Ratio	Lower	Upper
59	100		
57	0.0	3.9	5.9#

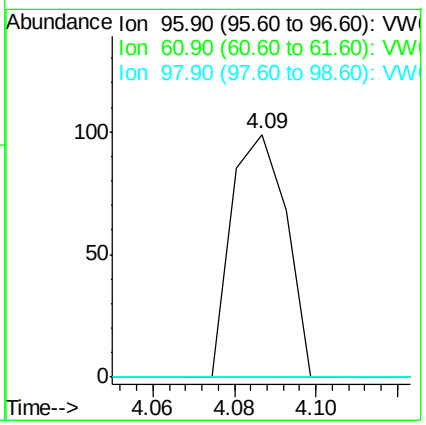


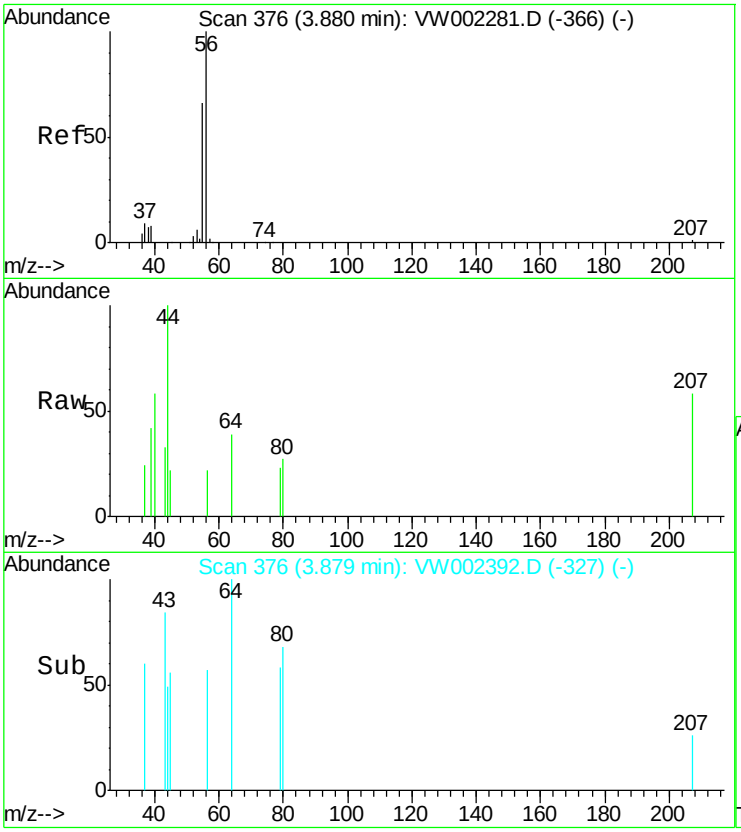


#12
1,1-Dichloroethene
Concen: 1.40 ug/l
RT: 4.09 min Scan# 410
Delta R.T. 0.06 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Tgt Ion: 96 Resp: 92

Ion	Ratio	Lower	Upper
96	100		
61	0.0	130.6	196.0#
98	0.0	49.0	73.4#



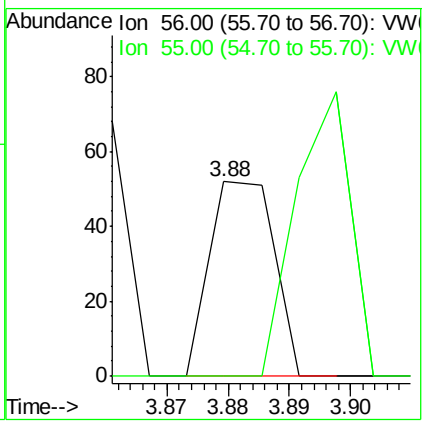


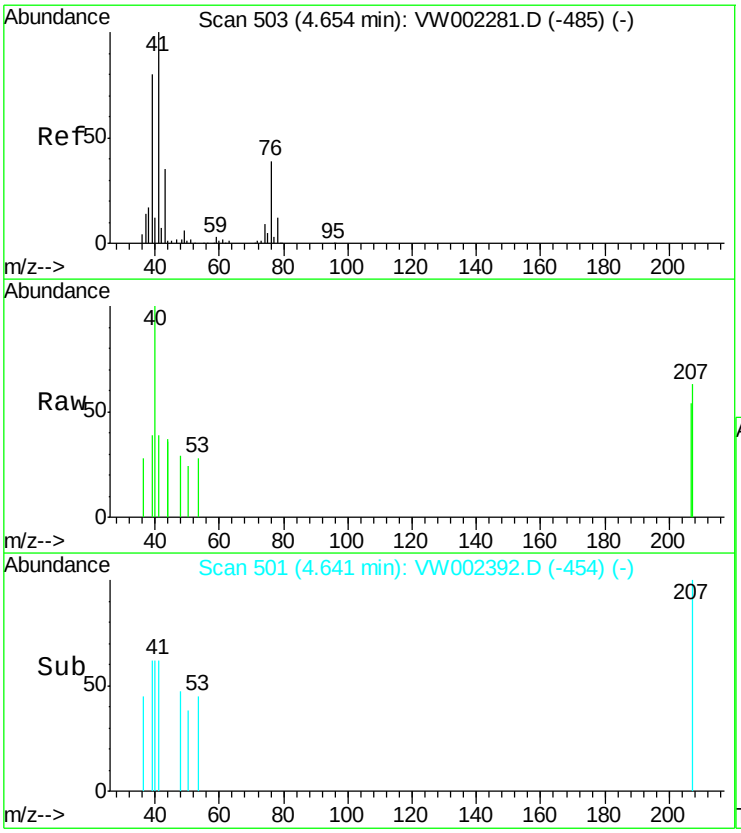
#13
Acrolein
Concen: 8.11 ug/l
RT: 3.88 min Scan# 376
Delta R.T. -0.00 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 56 Resp: 38

Ion	Ratio	Lower	Upper
56	100		
55	123.7	57.3	85.9#

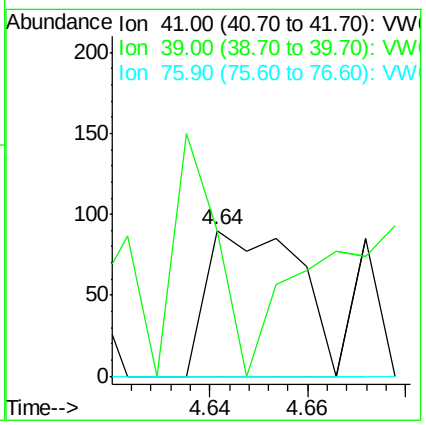


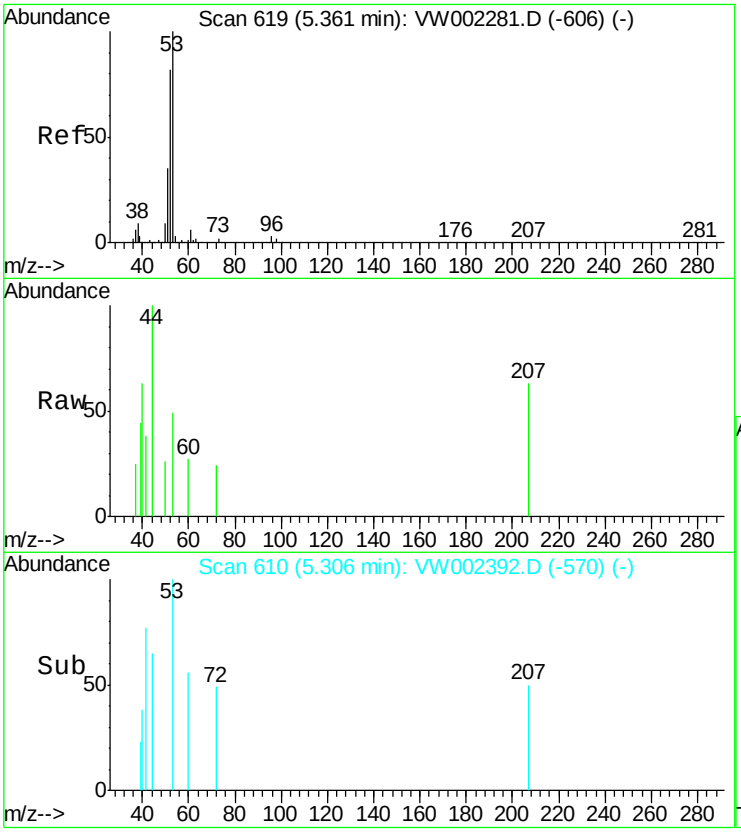


#14
Allyl chloride
Concen: 1.21 ug/l
RT: 4.64 min Scan# 501
Delta R.T. -0.01 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Tgt Ion: 41 Resp: 117

Ion	Ratio	Lower	Upper
41	100		
39	75.2	61.7	92.5
76	0.0	29.8	44.6#



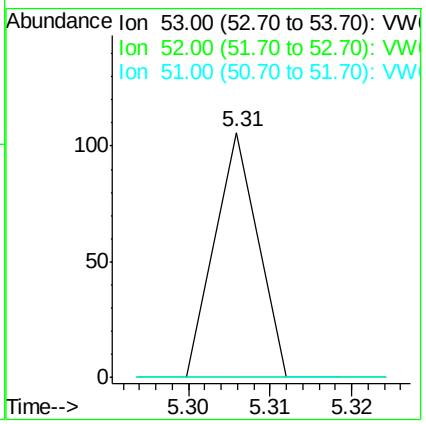


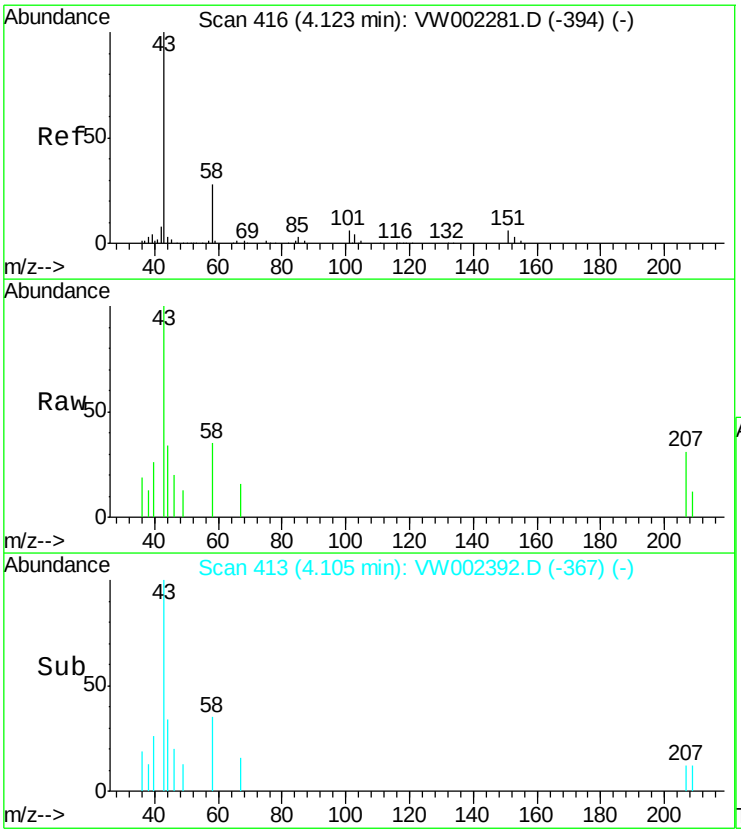
#15
Acrylonitrile
Concen: 2.37 ug/l
RT: 5.31 min Scan# 610
Delta R.T. -0.06 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 53 Resp: 39

Ion	Ratio	Lower	Upper
53	100		
52	0.0	67.9	101.9#
51	0.0	30.0	45.0#

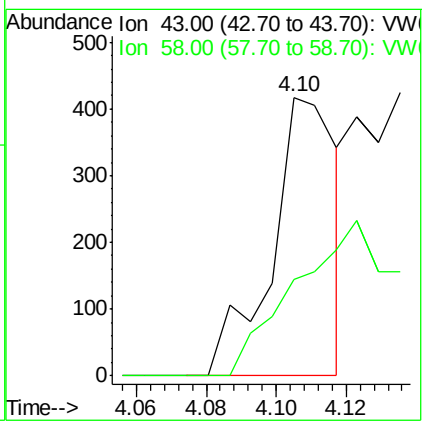


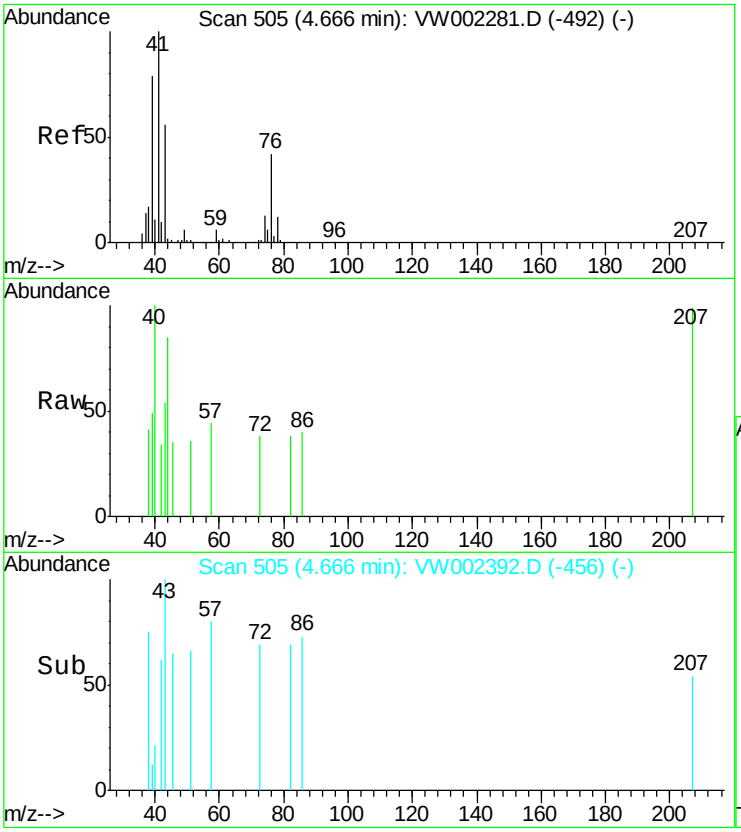


#16
Acetone
Concen: 36.29 ug/l
RT: 4.10 min Scan# 413
Delta R.T. -0.02 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Tgt Ion: 43 Resp: 546

Ion	Ratio	Lower	Upper
43	100		
58	34.8	22.2	33.4#



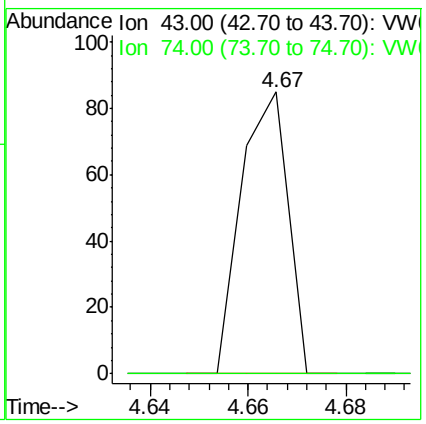


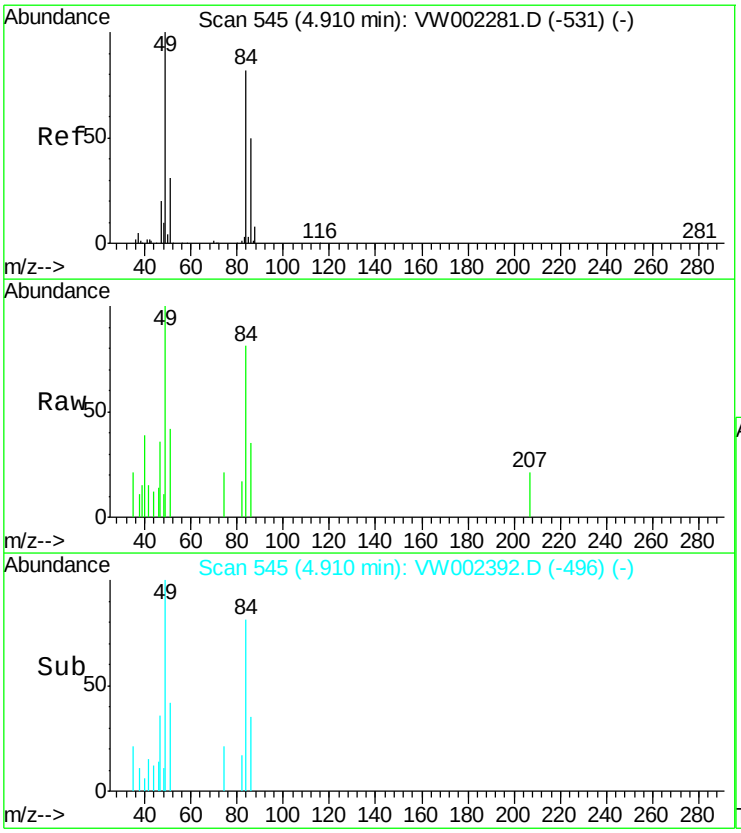
#18
Methyl Acetate
Concen: 1.24 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.00 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 56

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.4	29.2#

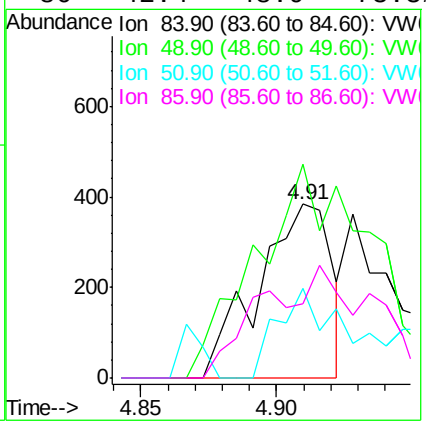


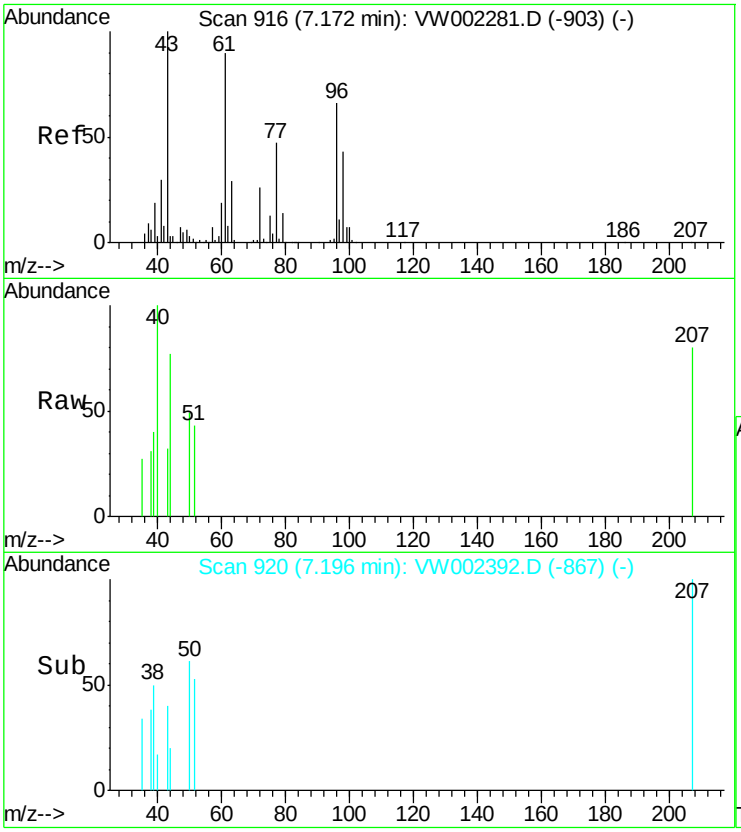


#20
Methylene Chloride
Concen: 9.91 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Tgt Ion: 84 Resp: 719

Ion	Ratio	Lower	Upper
84	100		
49	122.9	97.7	146.5
51	20.3	30.2	45.4#
86	42.4	48.9	73.3#



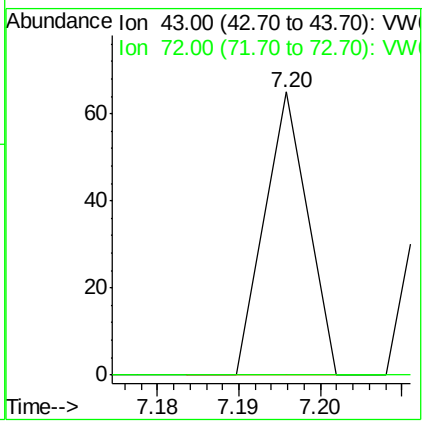


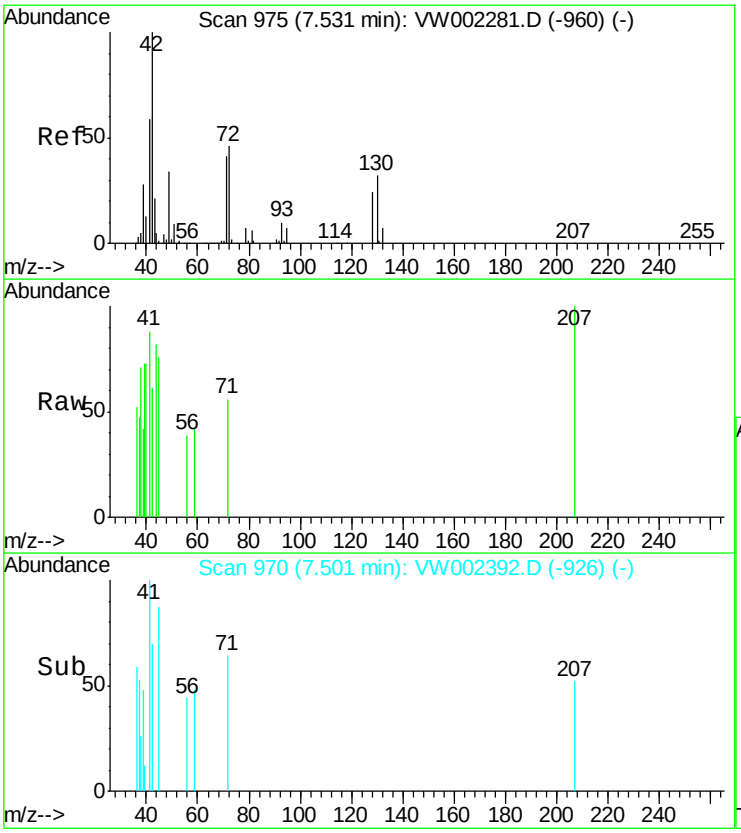
#25
2-Butanone
Concen: 1.07 ug/l
RT: 7.20 min Scan# 920
Delta R.T. 0.02 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 24

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.6	31.0#

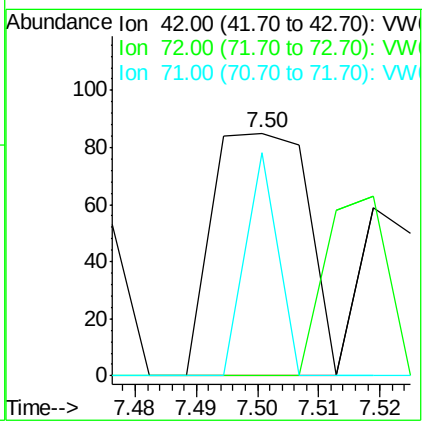


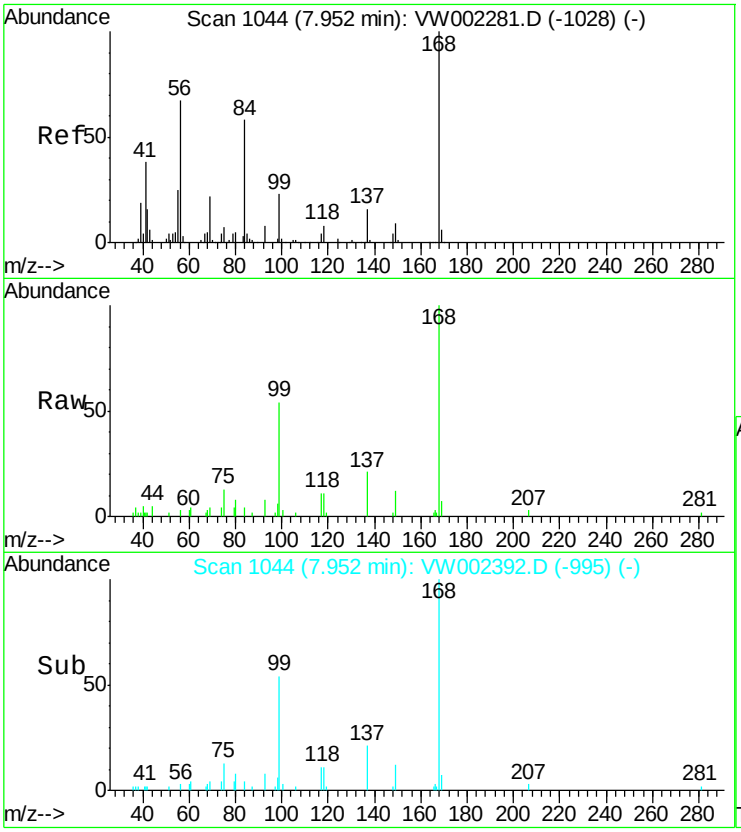


#29
Tetrahydrofuran
Concen: 6.21 ug/l
RT: 7.50 min Scan# 970
Delta R.T. -0.03 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Tgt Ion: 42 Resp: 91

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.5	51.7#
71	31.9	33.0	49.6#



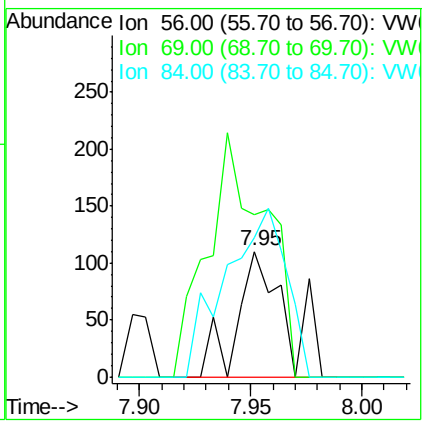


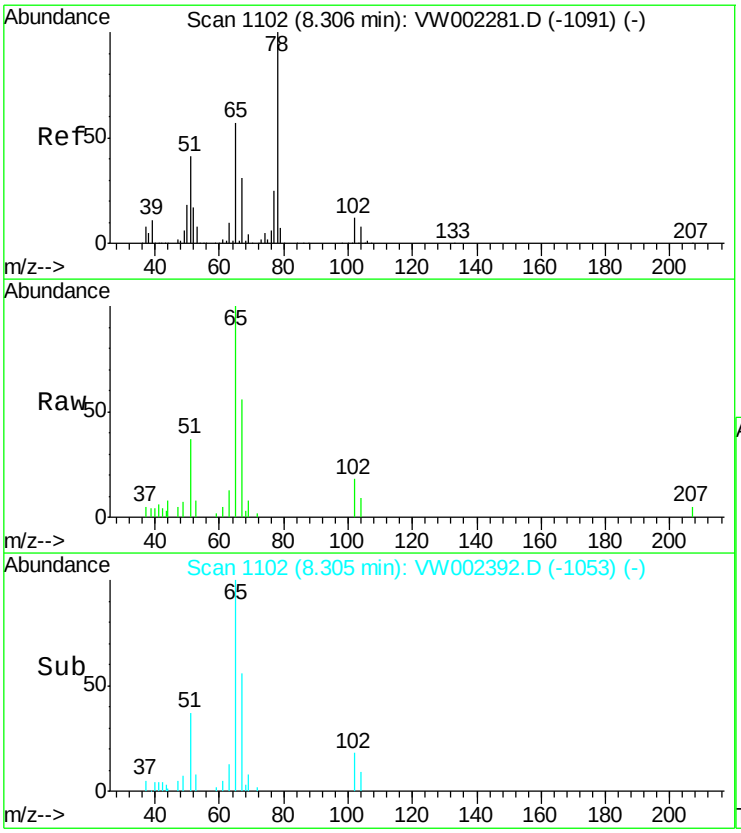
#31
Cyclohexane
Concen: 1.49 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 56 Resp: 171

Ion	Ratio	Lower	Upper
56	100		
69	129.1	26.2	39.4#
84	110.9	69.2	103.8#

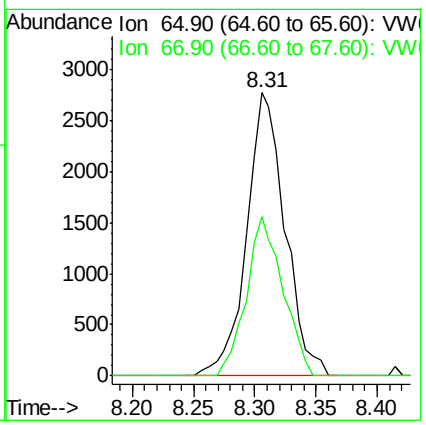


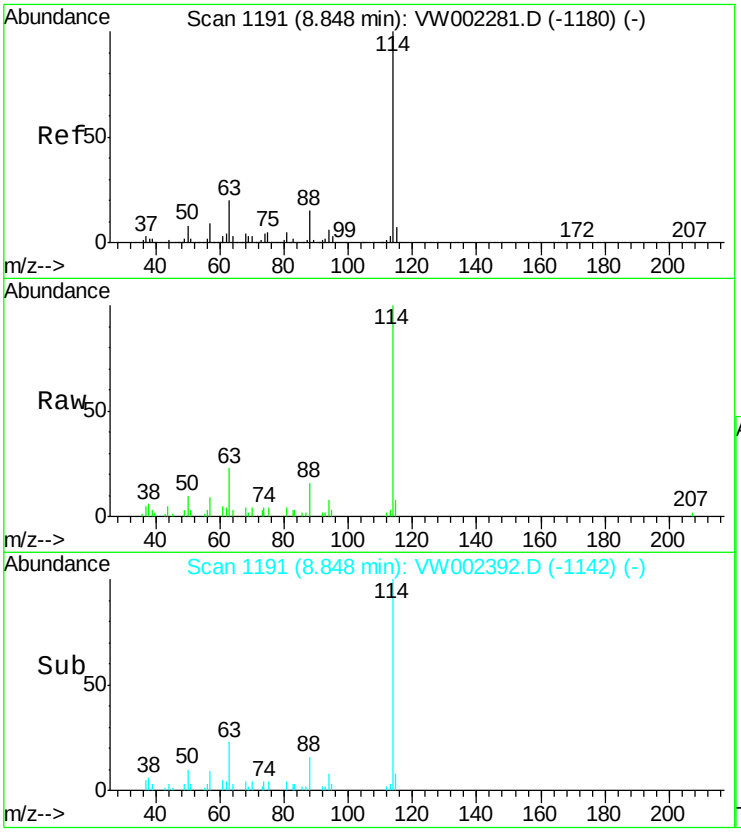


#33
1,2-Dichloroethane-d4
Concen: 78.64 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Tgt Ion: 65 Resp: 6058

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	107.2



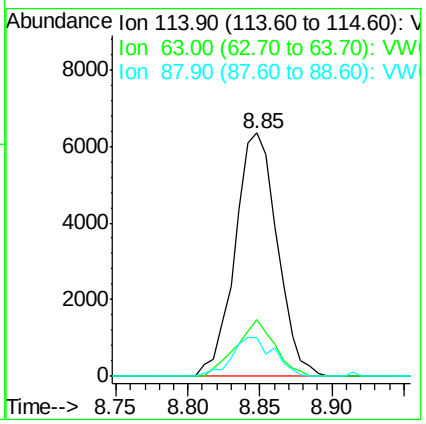


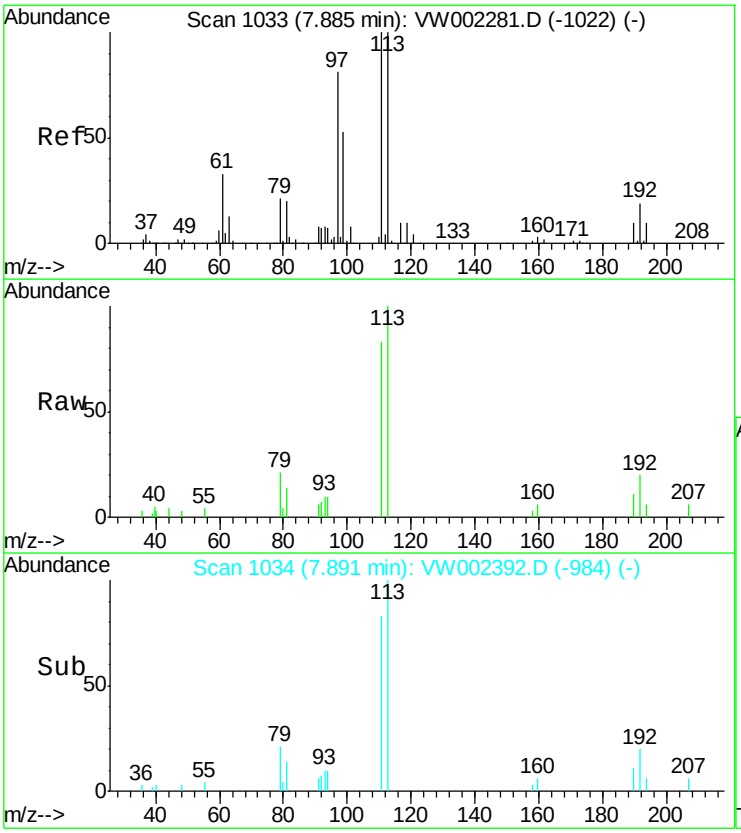
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:114 Resp: 12876

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	39.0
88	15.8	0.0	29.6

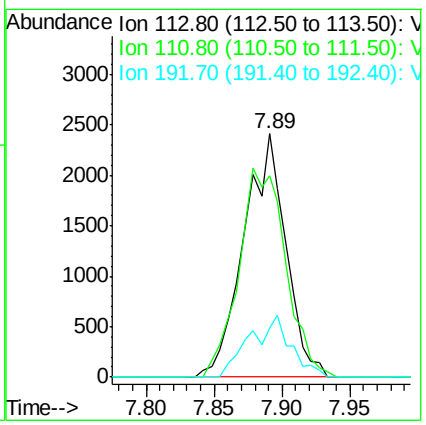


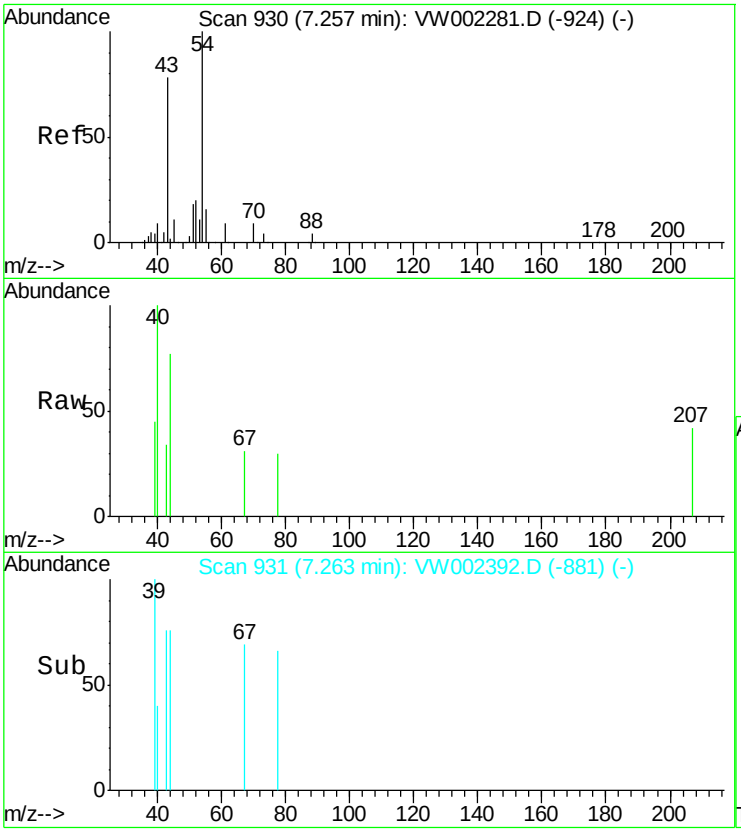


#35
Dibromofluoromethane
Concen: 63.13 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. 0.01 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Tgt Ion:113 Resp: 5210

Ion	Ratio	Lower	Upper
113	100		
111	95.8	81.5	122.3
192	24.7	16.4	24.6#



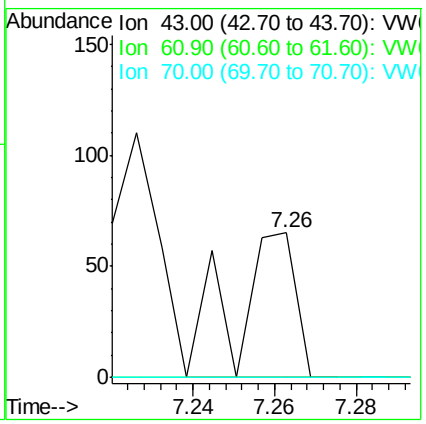


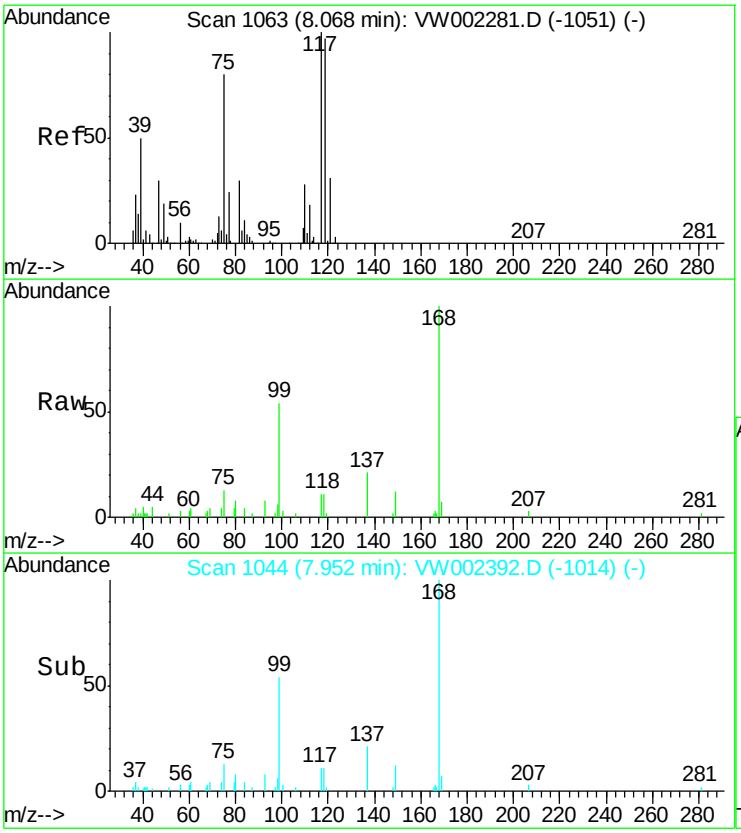
#37
Ethyl Acetate
Concen: 1.20 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 68

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	0.0	7.9	11.9#

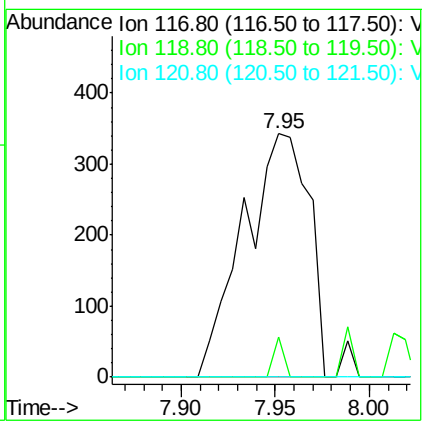


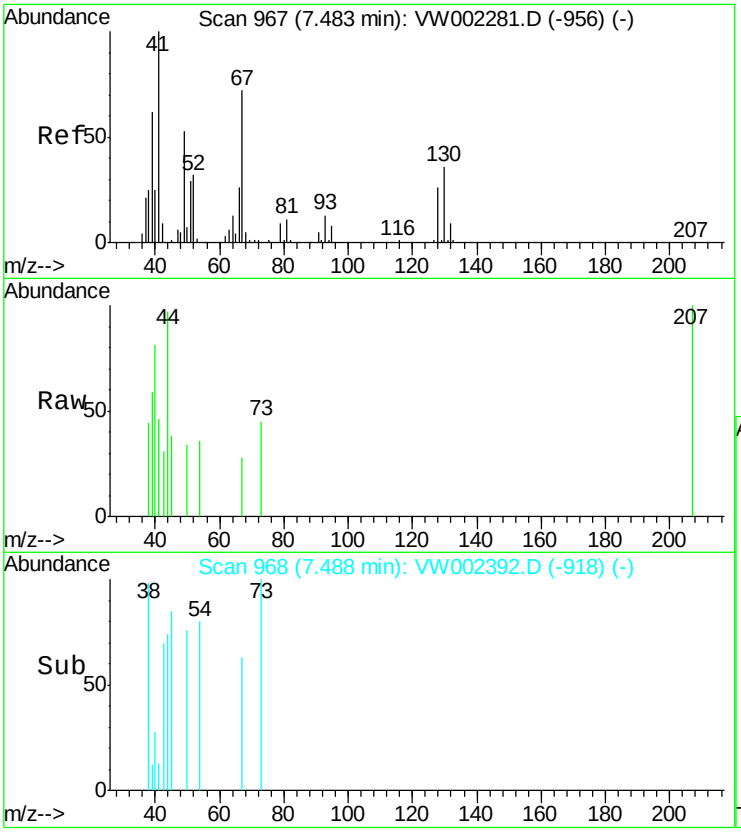


#38
Carbon Tetrachloride
Concen: 7.29 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Tgt Ion:117 Resp: 821

Ion	Ratio	Lower	Upper
117	100		
119	16.3	77.5	116.3#
121	0.0	24.4	36.6#



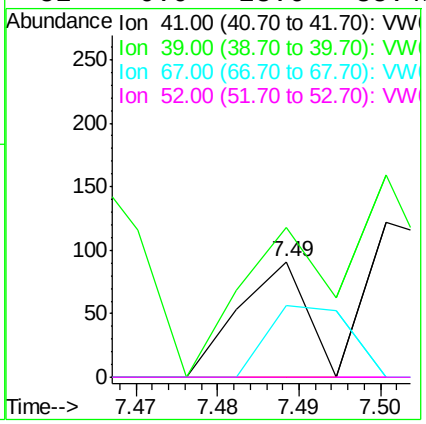


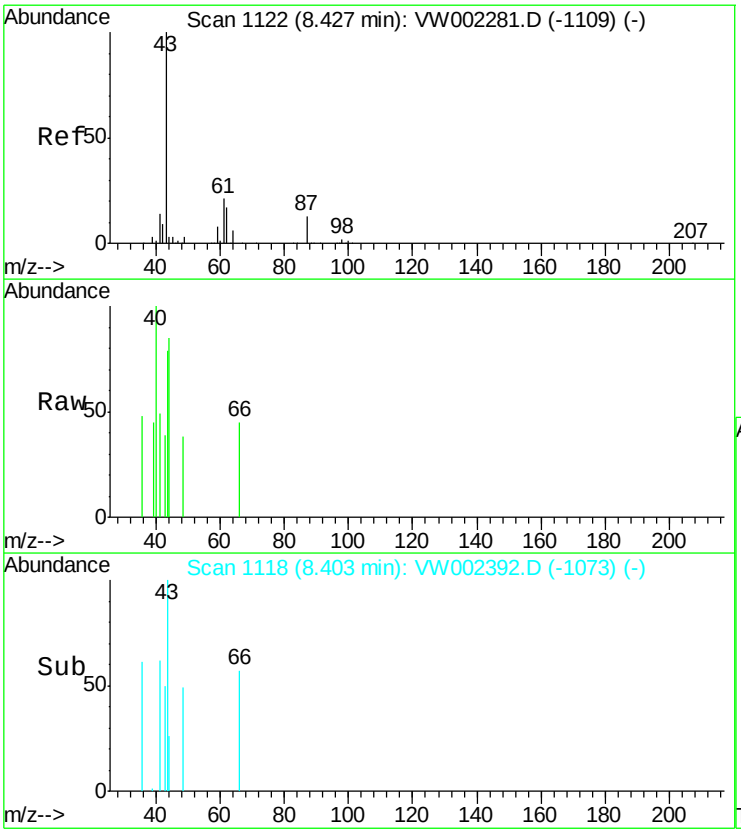
#41
Methacrylonitrile
Concen: 1.63 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 41 Resp: 53

Ion	Ratio	Lower	Upper
41	100		
39	381.1	40.2	60.4#
67	75.5	54.7	82.1
52	0.0	23.6	35.4#

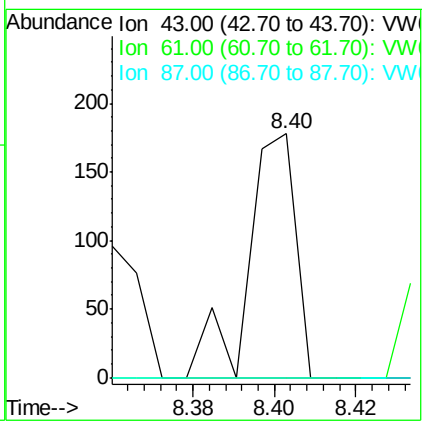


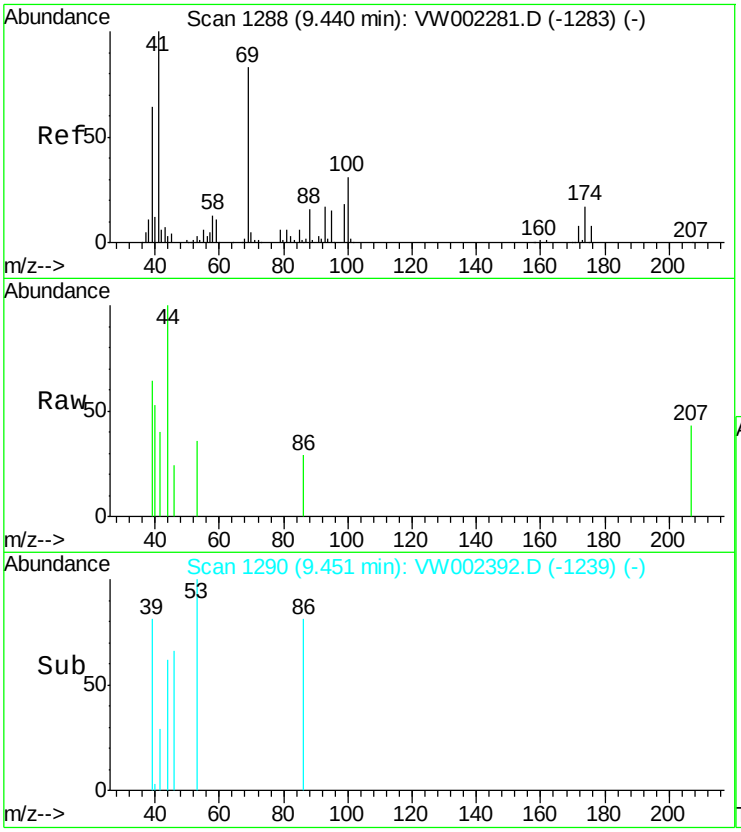


#43
Isopropyl Acetate
Concen: 1.35 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.02 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Tgt Ion: 43 Resp: 145

Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.7	35.5#
87	0.0	10.7	16.1#



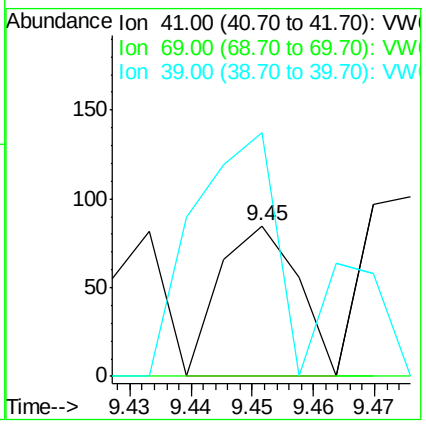


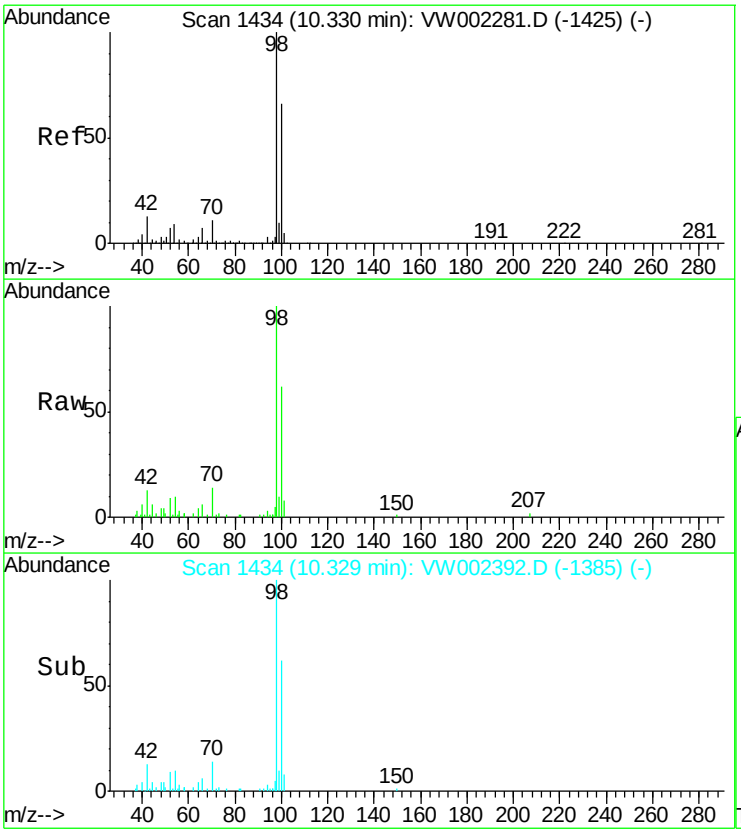
#48
Methyl methacrylate
Concen: 1.45 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. 0.01 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 41 Resp: 76

Ion	Ratio	Lower	Upper
41	100		
69	0.0	69.9	104.9#
39	225.0	54.0	81.0#

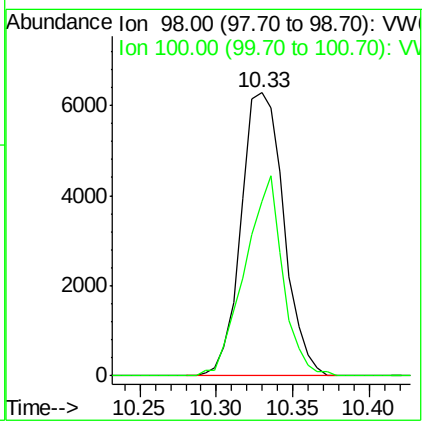


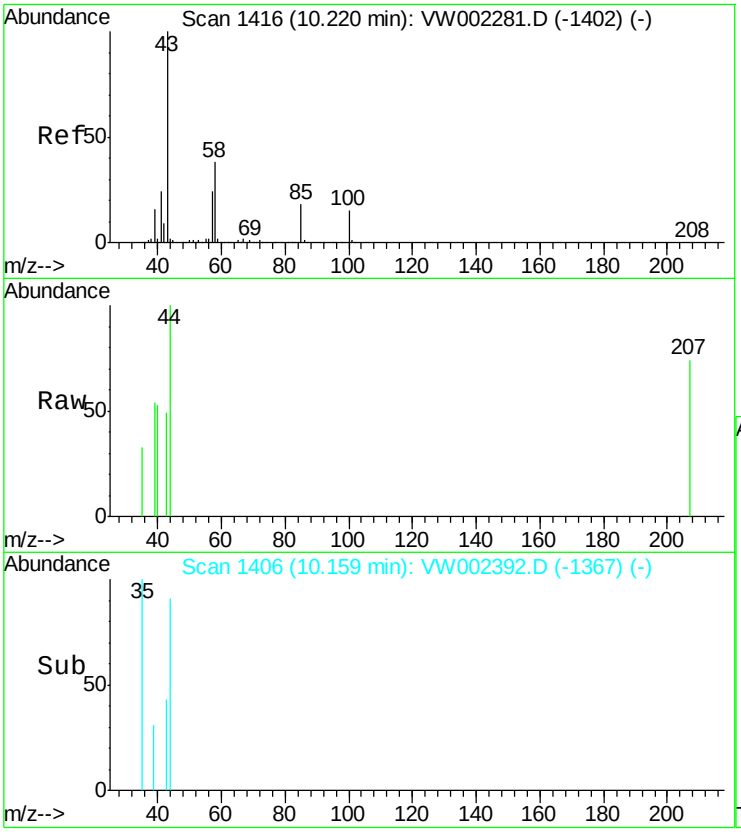


#50
Toluene-d8
Concen: 38.64 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Tgt Ion: 98 Resp: 12161

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.4	77.2



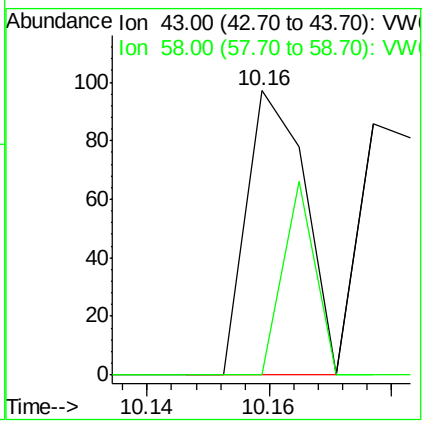


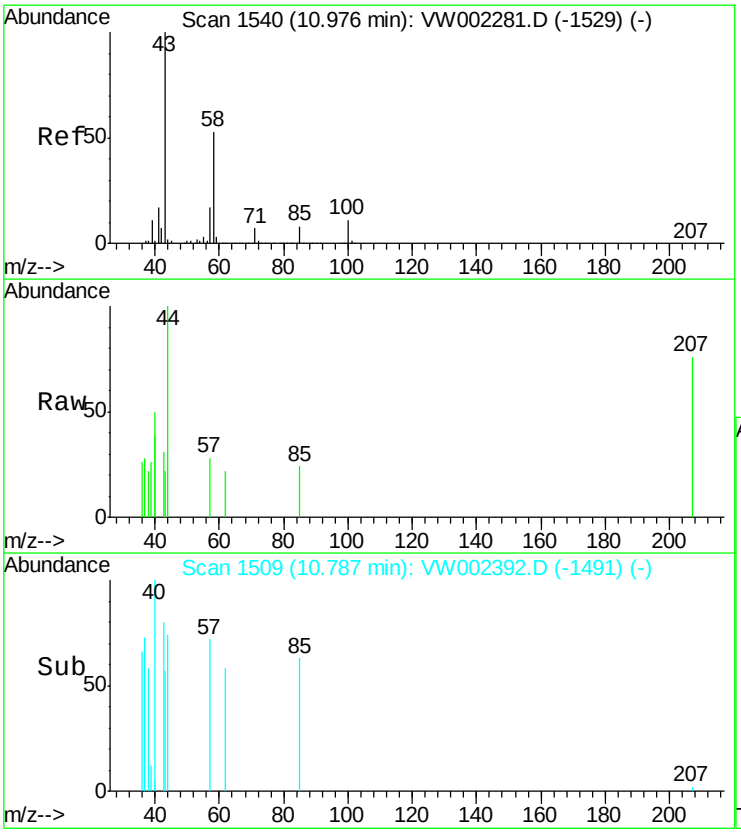
#51
4-Methyl-2-Pentanone
Concen: 1.08 ug/l
RT: 10.16 min Scan# 1406
Delta R.T. -0.06 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 64

Ion	Ratio	Lower	Upper
43	100		
58	37.5	30.2	45.2

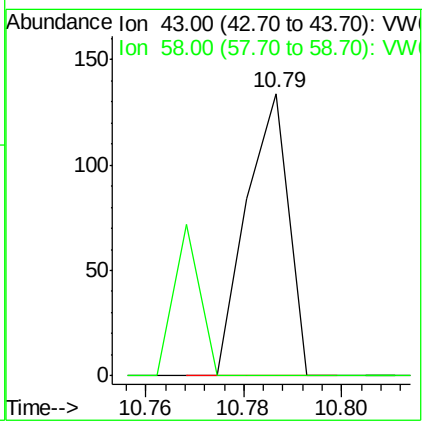


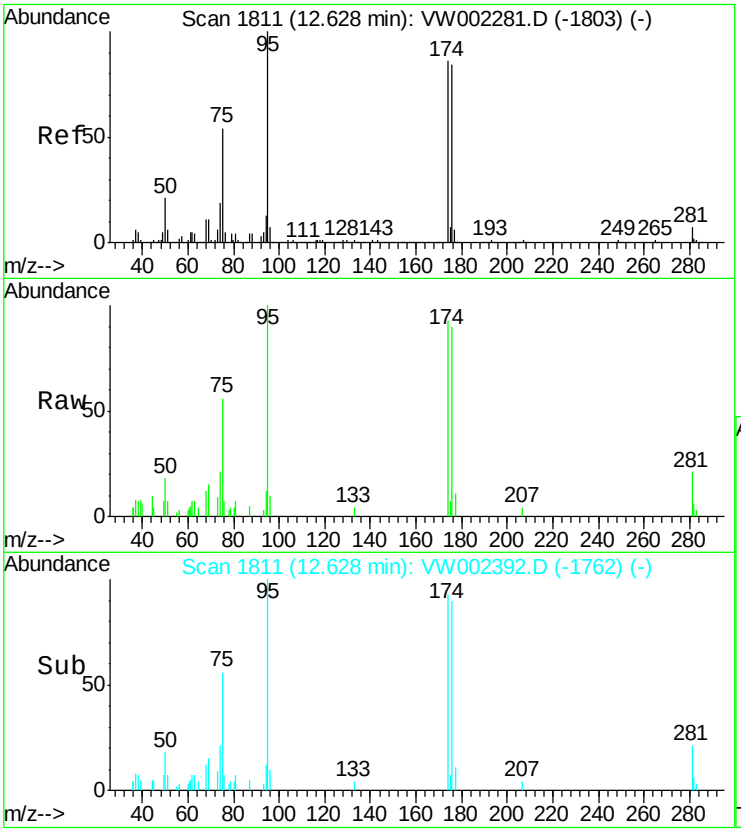


#59
2-Hexanone
Concen: 1.97 ug/l
RT: 10.79 min Scan# 1509
Delta R.T. -0.19 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Tgt Ion: 43 Resp: 80

Ion	Ratio	Lower	Upper
43	100		
58	32.5	26.0	78.0



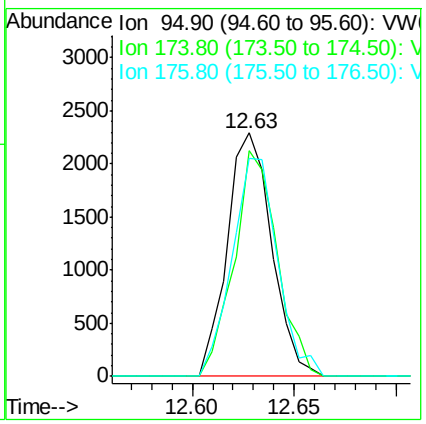


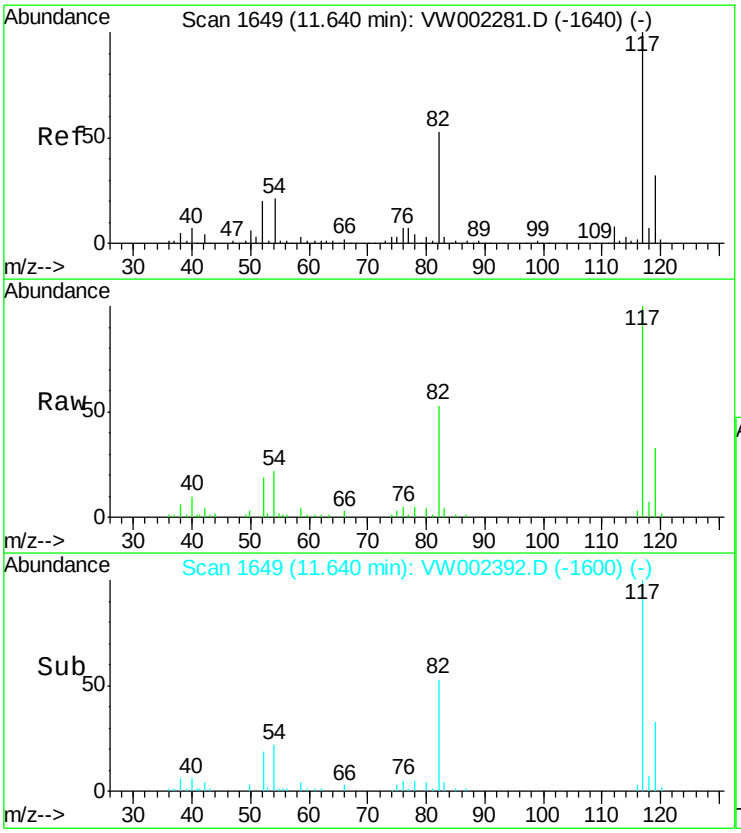
#62
4-Bromofluorobenzene
Concen: 30.44 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 3462

Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	176.8
176	91.9	0.0	170.4

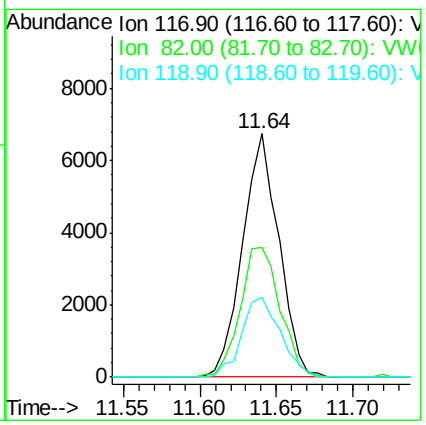


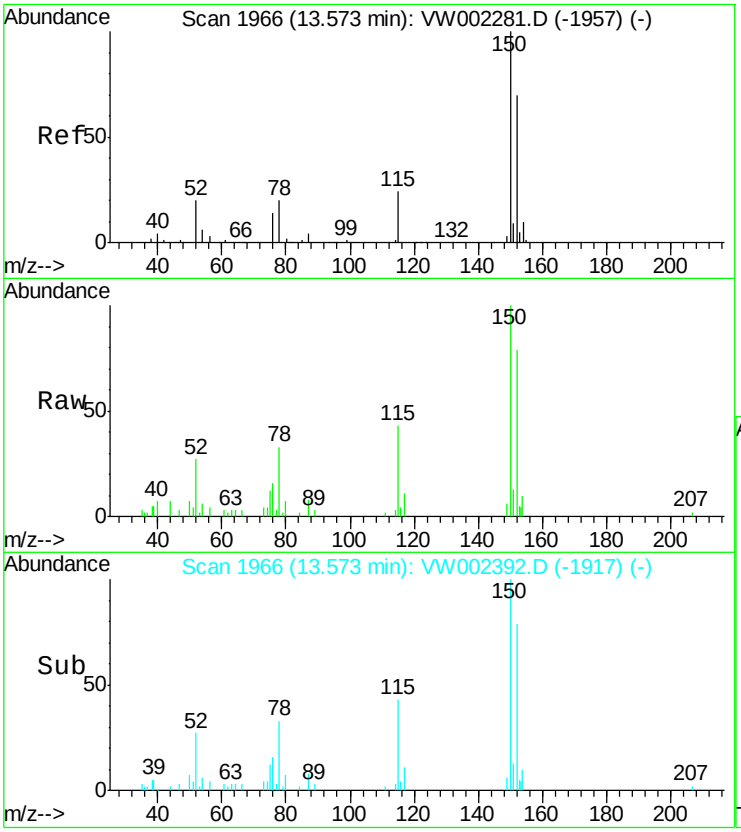


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Tgt Ion:117 Resp: 11124

Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.6	63.8
119	32.5	25.2	37.8



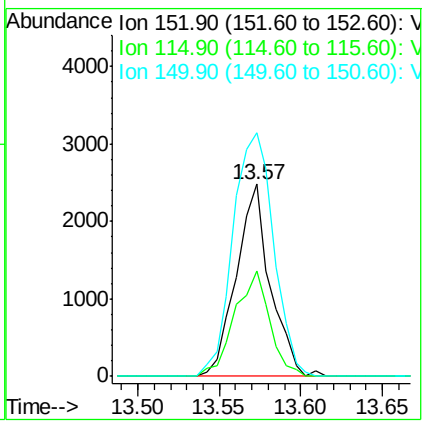


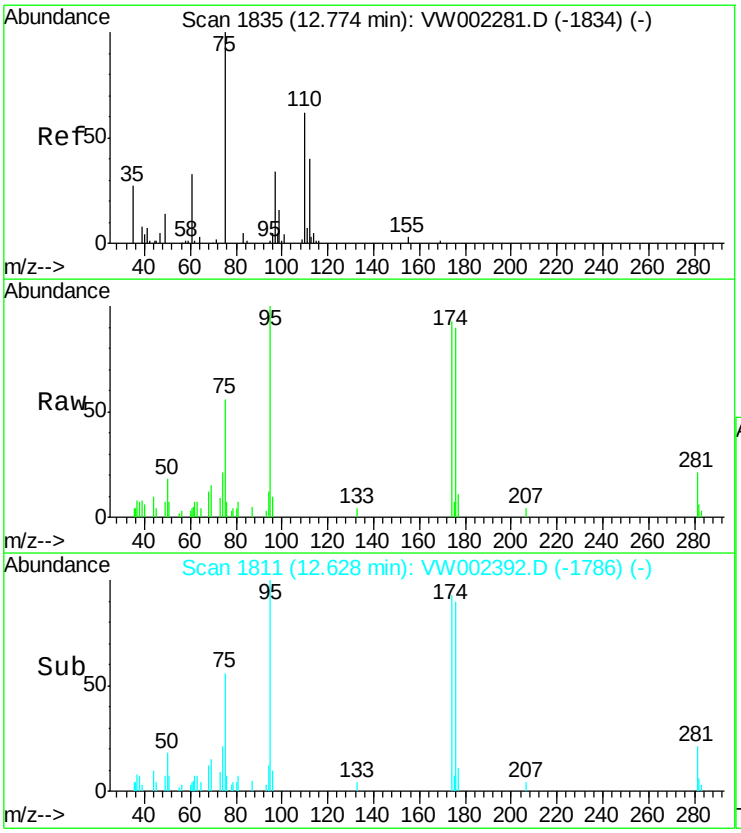
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:152 Resp: 3610

Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.5	85.5
150	151.1	0.0	342.6

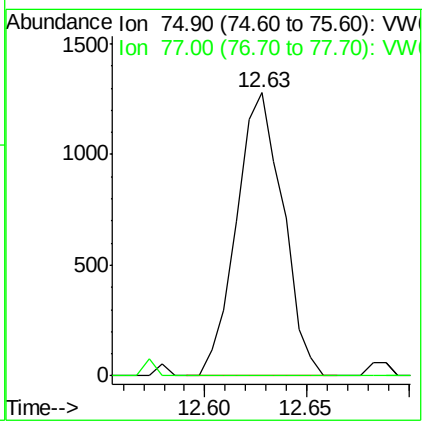


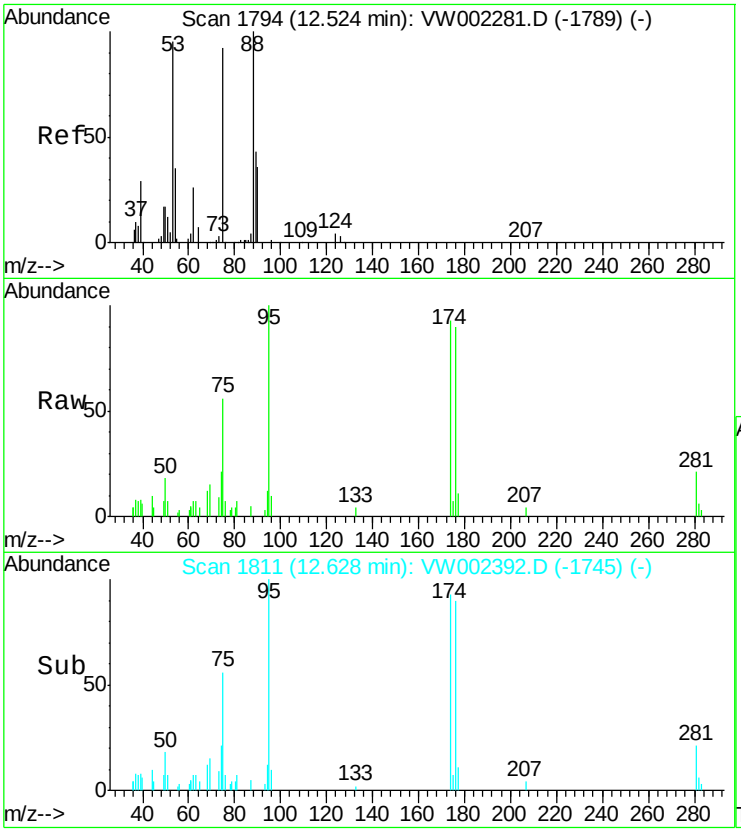


#76
1,2,3-Trichloropropane
Concen: 63.26 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.15 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Tgt Ion: 75 Resp: 2025

Ion	Ratio	Lower	Upper
75	100		
77	0.0	187.5	562.6#



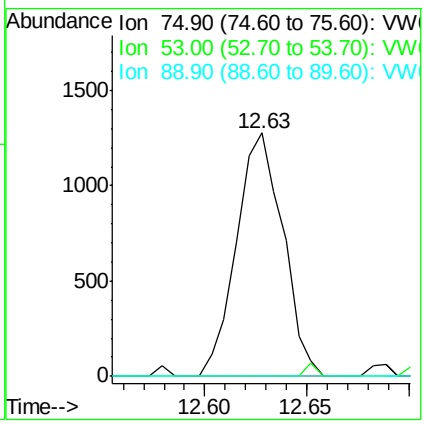


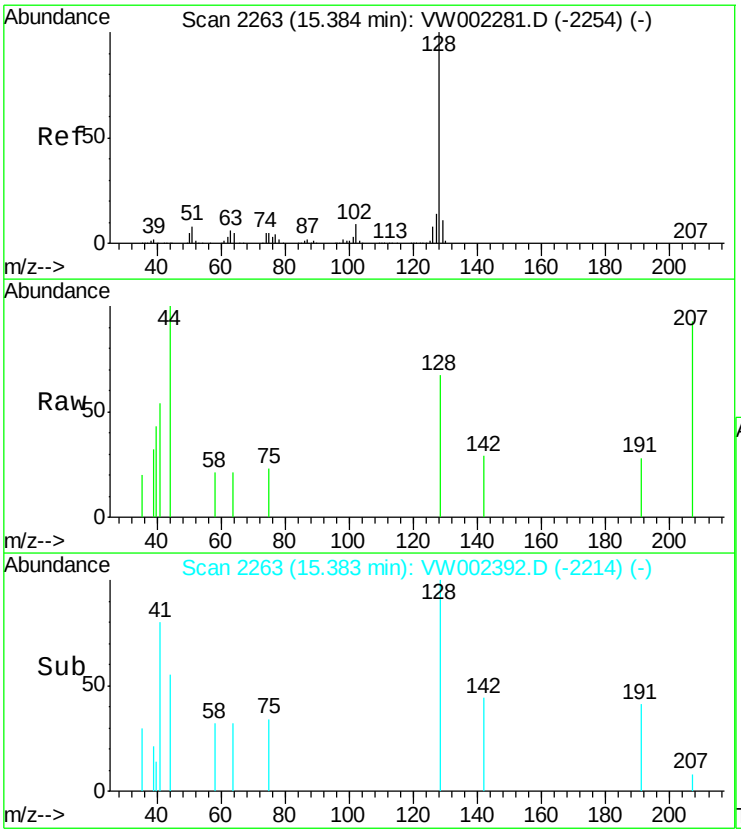
#81
trans-1,4-Dichloro-2-butene
Concen: 166.63 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.10 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 2025

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.9	119.9#
89	0.0	37.6	56.4#





#95
Naphthalene
Concen: 2.51 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW002392.D
Acq: 10 May 2018 20:12

Tgt Ion:128 Resp: 350

Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.4#
129	0.0	8.7	13.1#