Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082118\

Quantitation Report (Not Reviewed)

Data File : VD059862.D
Acq On : 21 Aug 2018 18:15
Operator : JC/SY
Sample : J4535-12
Misc : 5.06g/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RA-081618-FL-044

Quant Time: Aug 22 01:12:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 21 04:40:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	946375	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.66	114	1346581	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.66	117	1010847	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.89	152	389492	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.98	65	404956	53.46	ug/l	0.01
Spiked Amount 50.000			Recovery = 106.92%			
35) Dibromofluoromethane	5.51	113	512883	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.98%			
50) Toluene-d8	8.68	98	1256953	46.80	ug/l	0.01
Spiked Amount 50.000			Recovery = 93.60%			
62) 4-Bromofluorobenzene	11.90	95	428975	41.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.24%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.23	59	608	2.172	ug/l #	1
13) Acrolein	2.46	56	716	3.559	ug/l #	32
16) Acetone	2.59	43	235112	185.205	ug/l	99
17) Carbon Disulfide	2.73	76	3012	Below Cal	#	76
18) Methyl Acetate	2.91	43	2164	Below Cal	#	65
20) Methylene Chloride	3.04	84	25597	Below Cal		94
25) 2-Butanone	4.79	43	191066	49.793	ug/l	100
29) Tetrahydrofuran	5.15	42	3762	1.936	ug/l #	52
31) Cyclohexane	5.61	56	19621	Below Cal	#	1
36) 1,1-Dichloropropene	5.61	75	67082	5.874	ug/l #	47
37) Ethyl Acetate	4.79	43	191689	22.643	ug/l #	74
38) Carbon Tetrachloride	5.61	117	75724	6.644	ug/l #	15
43) Isopropyl Acetate	7.61	43	12420	1.061	ug/l #	49
51) 4-Methyl-2-Pentanone	8.62	43	46757	5.973	ug/l #	82
58) 2-Chloroethyl Vinyl ether	8.16	63	409	9.580	ug/l #	51
59) 2-Hexanone	9.71	43	23921	4.134	ug/l #	30
67) Ethyl Benzene	10.83	91	3091	Below Cal		89
76) 1,2,3-Trichloropropane	11.90	75	144900	22.487	ug/l #	45
80) 1,3,5-Trimethylbenzene	12.30	105	1138	Below Cal		82
81) trans-1,4-Dichloro-2-buten	11.90	75	168764	83.781	ug/l #	10
82) 4-Chlorotoluene	12.31	91	1135	Below Cal	#	48
89) n-Butylbenzene	13.17	91	1411	Below Cal	#	72
91) 1,2-Dichlorobenzene	13.17	146	325	Below Cal	#	68

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

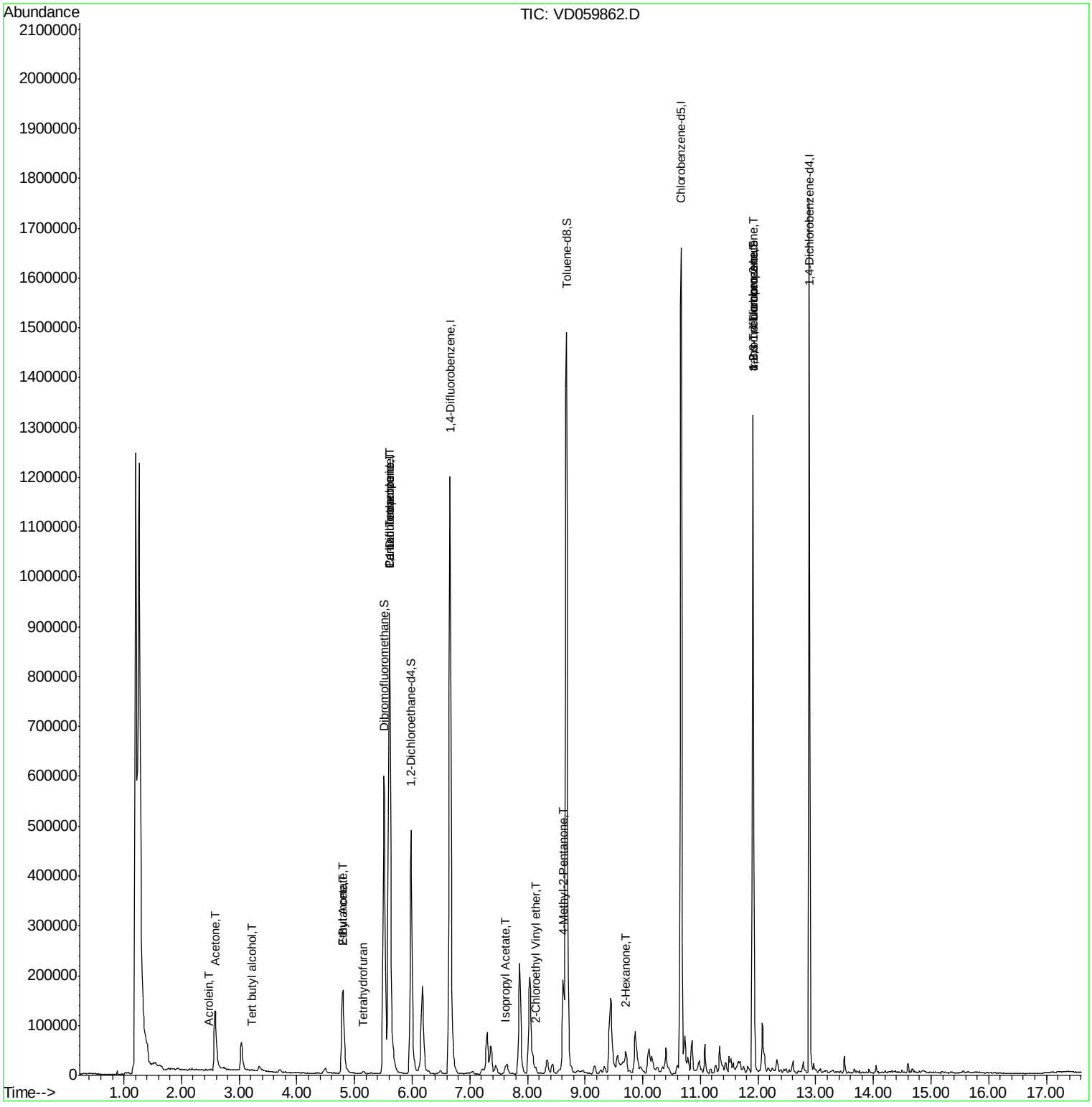
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082118\

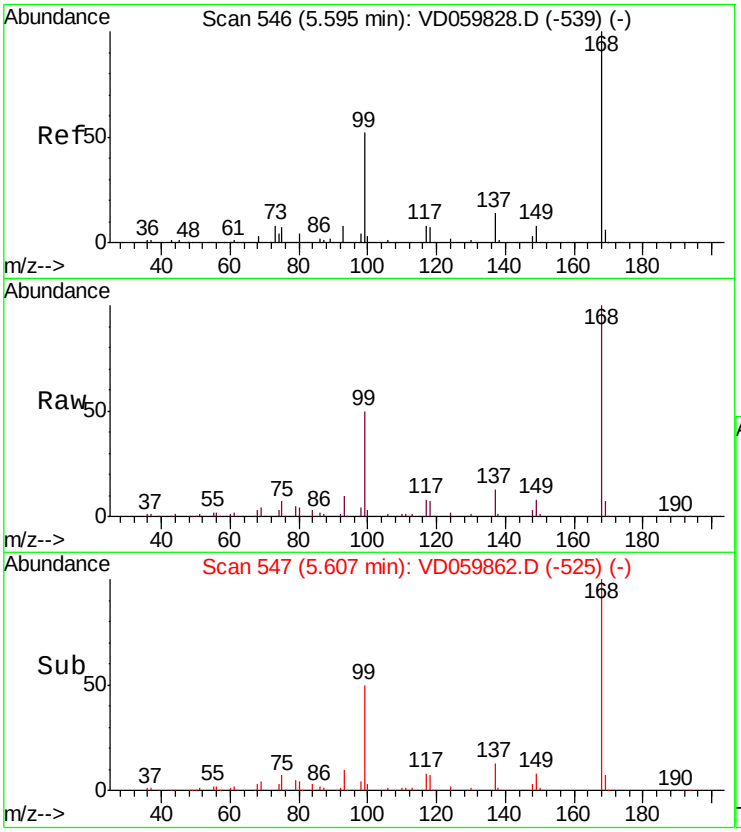
Quantitation Report (Not Reviewed)

Data File : VD059862.D
Acq On : 21 Aug 2018 18:15
Operator : JC/SY
Sample : J4535-12
Misc : 5.06g/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RA-081618-FL-044

Quant Time: Aug 22 01:12:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 21 04:40:12 2018
Response via : Initial Calibration



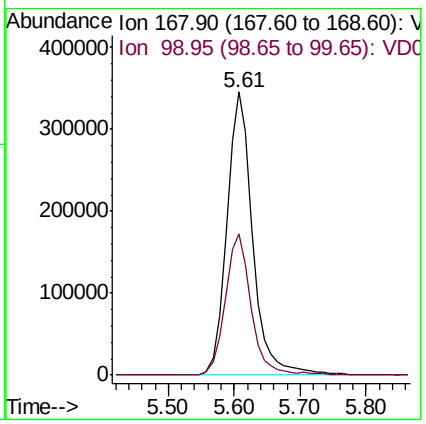


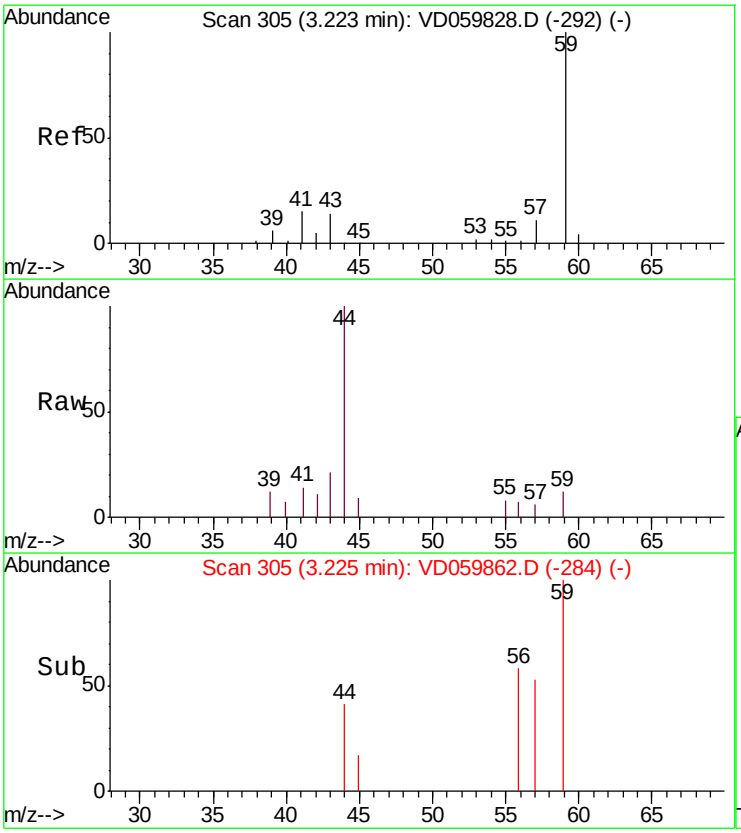
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 547
Delta R.T. 0.01 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Instrument :
MSVOA_D
ClientSampleId :
RA-081618-FL-044

Tgt Ion:168 Resp: 946375

Ion	Ratio	Lower	Upper
168	100		
99	50.0	43.6	65.4

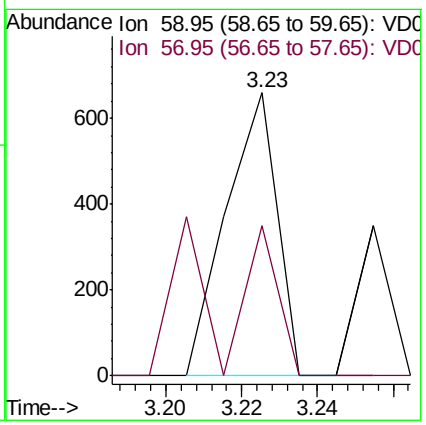


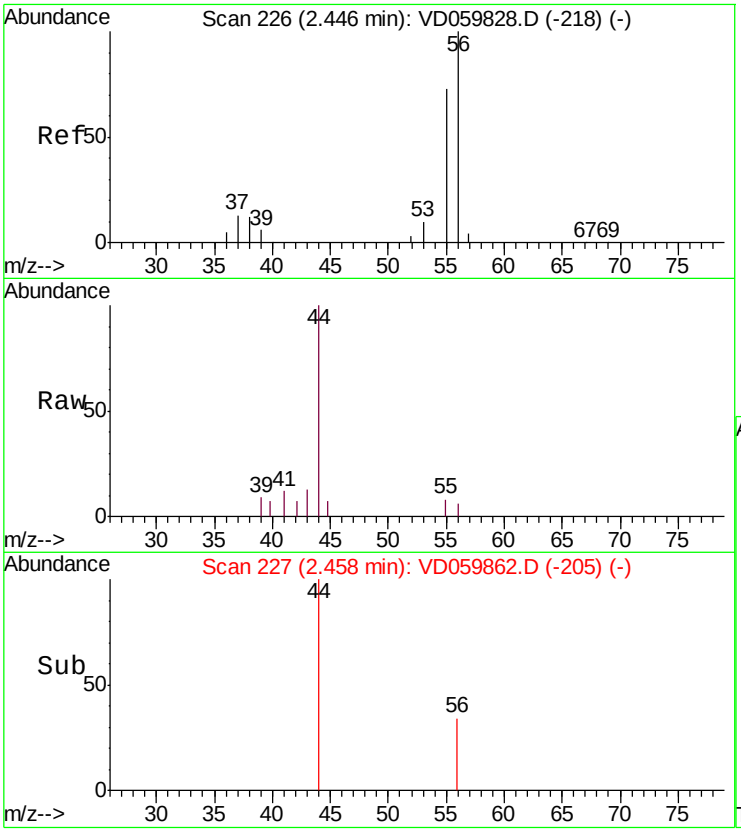


#11
Tert butyl alcohol
Concen: 2.172 ug/l
RT: 3.23 min Scan# 305
Delta R.T. 0.00 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Tgt Ion: 59 Resp: 608

Ion	Ratio	Lower	Upper
59	100		
57	53.3	10.3	15.5#



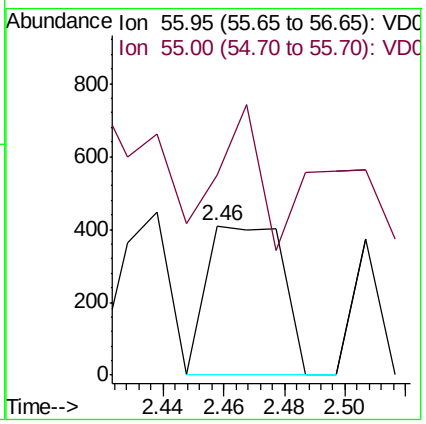


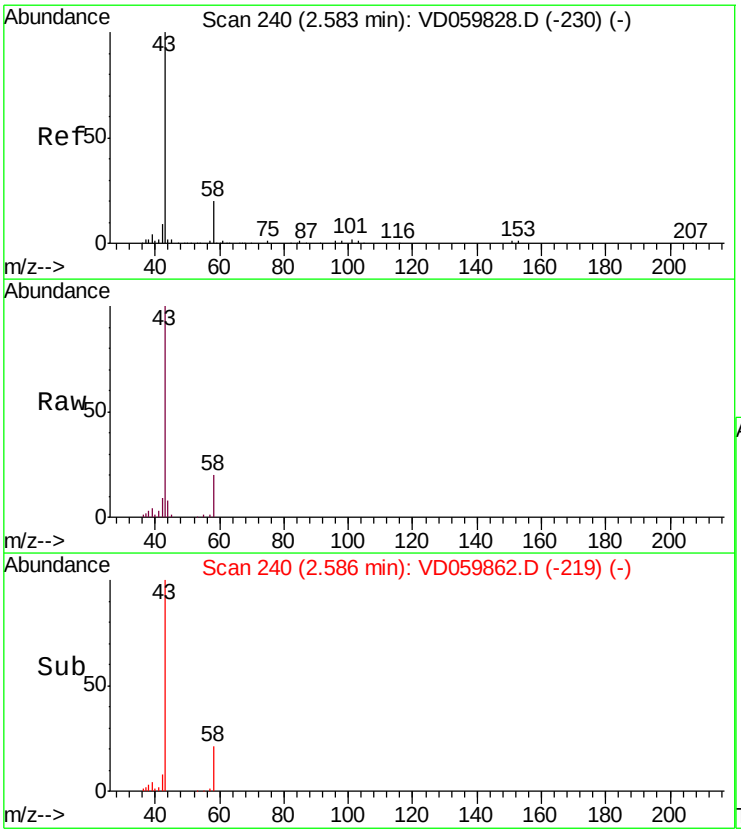
#13
Acrolein
Concen: 3.559 ug/l
RT: 2.46 min Scan# 227
Delta R.T. 0.01 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Instrument :
MSVOA_D
ClientSampleId :
RA-081618-FL-044

Tgt Ion: 56 Resp: 716

Ion	Ratio	Lower	Upper
56	100		
55	133.7	60.4	90.6#

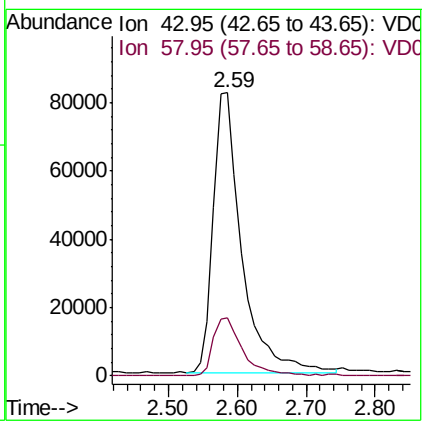


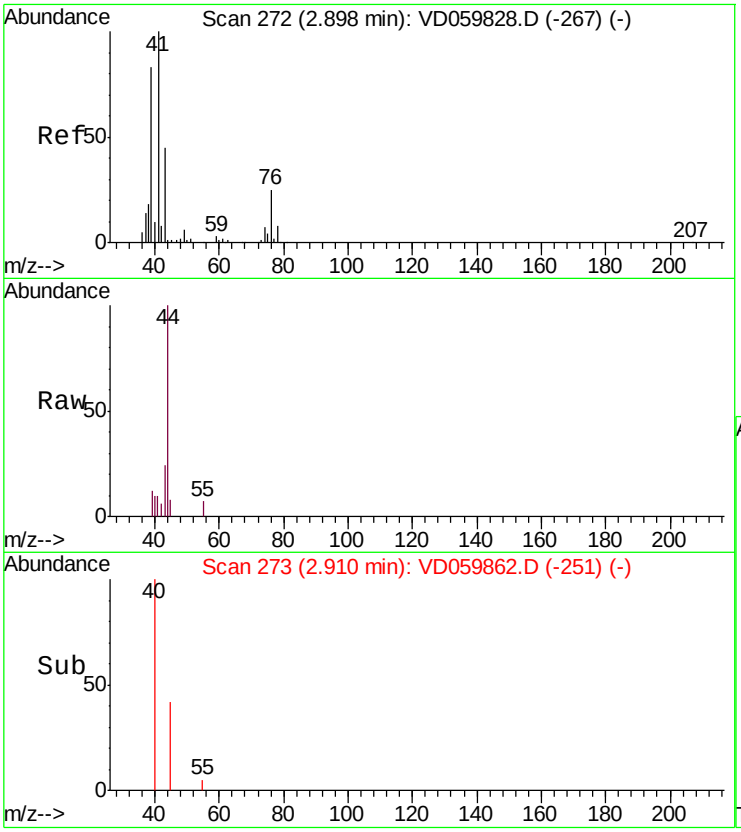


#16
Acetone
Concen: 185.205 ug/l
RT: 2.59 min Scan# 240
Delta R.T. 0.00 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Tgt Ion: 43 Resp: 235112

Ion	Ratio	Lower	Upper
43	100		
58	20.5	16.2	24.2



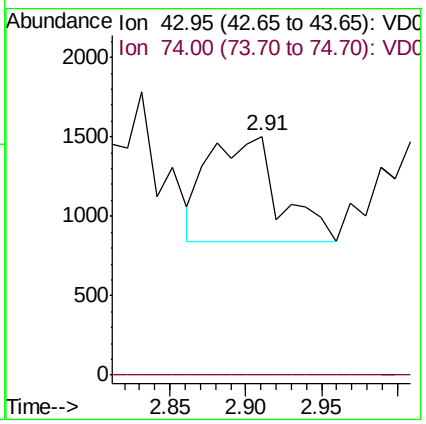


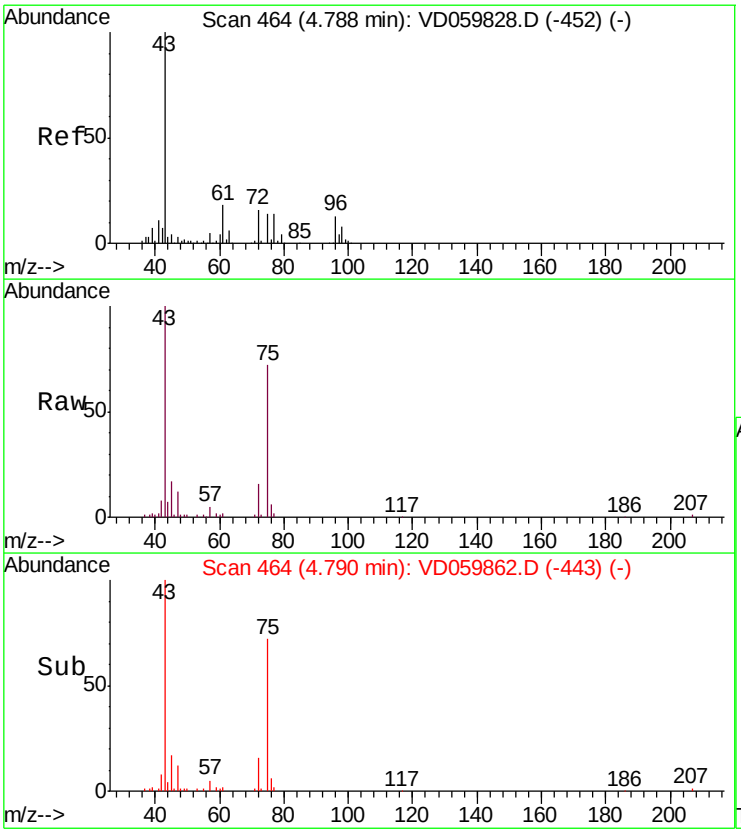
#18
Methyl Acetate
Concen: Below Cal
RT: 2.91 min Scan# 273
Delta R.T. 0.01 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Instrument :
MSVOA_D
ClientSampleId :
RA-081618-FL-044

Tgt Ion: 43 Resp: 2164

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.4	17.0#

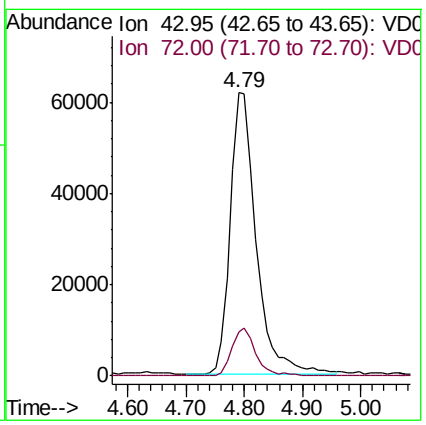


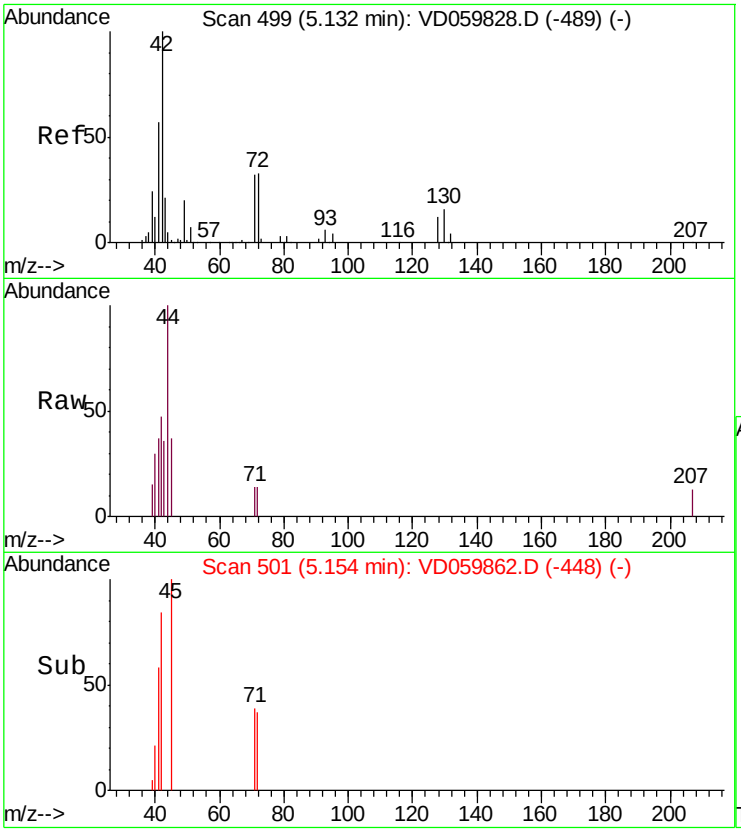


#25
2-Butanone
Concen: 49.793 ug/l
RT: 4.79 min Scan# 464
Delta R.T. 0.00 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Tgt Ion: 43 Resp: 191066

Ion	Ratio	Lower	Upper
43	100		
72	15.6	12.4	18.6



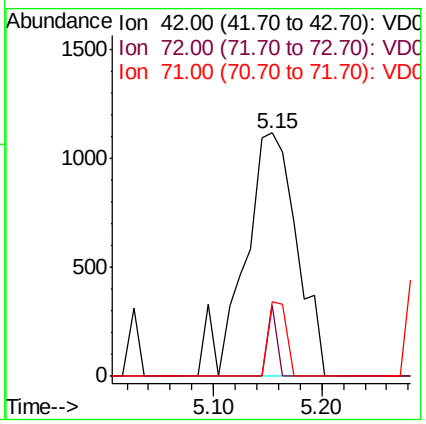


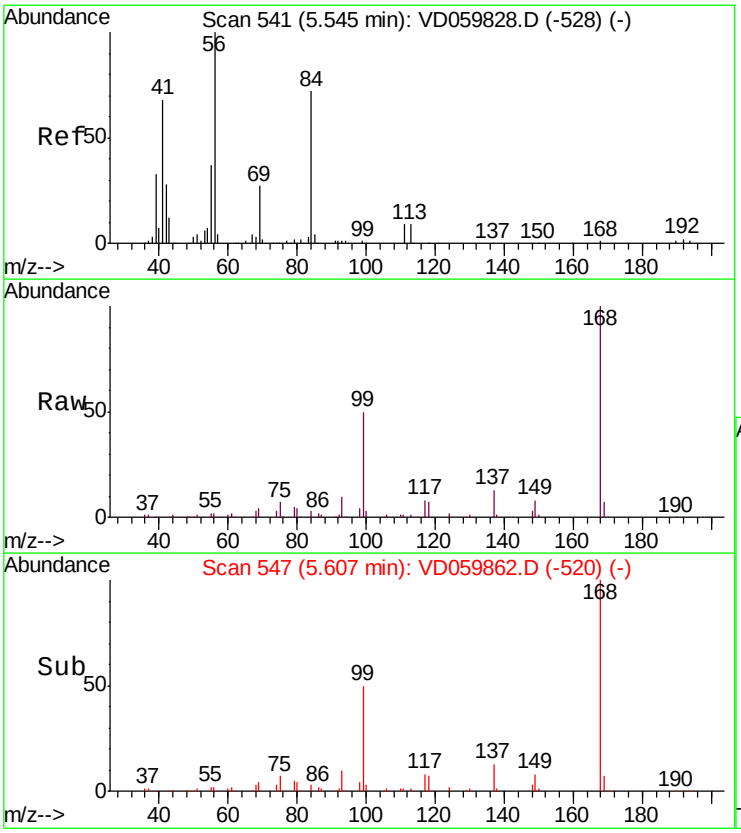
#29
Tetrahydrofuran
Concen: 1.936 ug/l
RT: 5.15 min Scan# 501
Delta R.T. 0.02 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Instrument :
MSVOA_D
ClientSampleId :
RA-081618-FL-044

Tgt Ion: 42 Resp: 3762

Ion	Ratio	Lower	Upper
42	100		
72	0.0	25.8	38.6#
71	10.6	25.7	38.5#

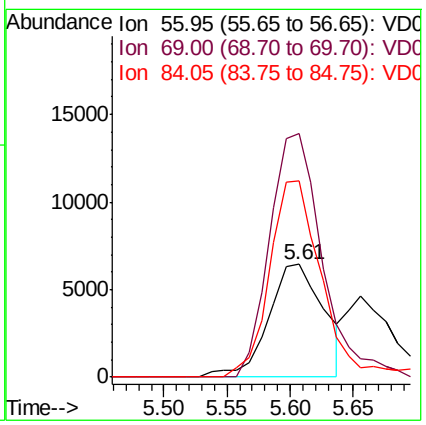


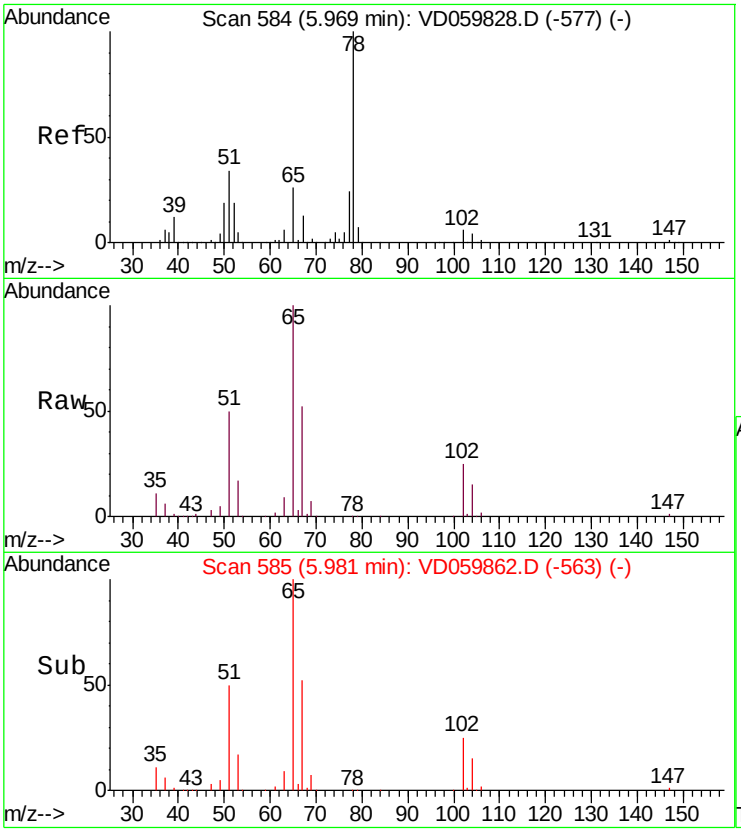


#31
Cyclohexane
Concen: Below Cal
RT: 5.61 min Scan# 547
Delta R.T. 0.06 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Tgt Ion: 56 Resp: 19621

Ion	Ratio	Lower	Upper
56	100		
69	215.5	21.7	32.5#
84	173.5	57.8	86.6#



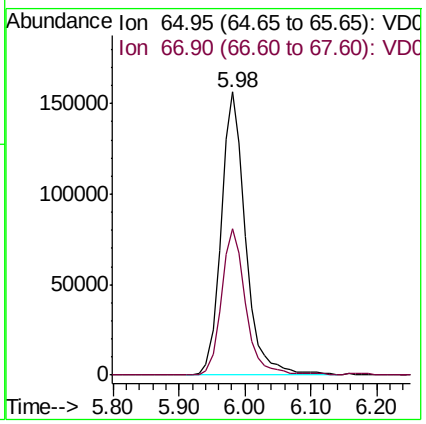


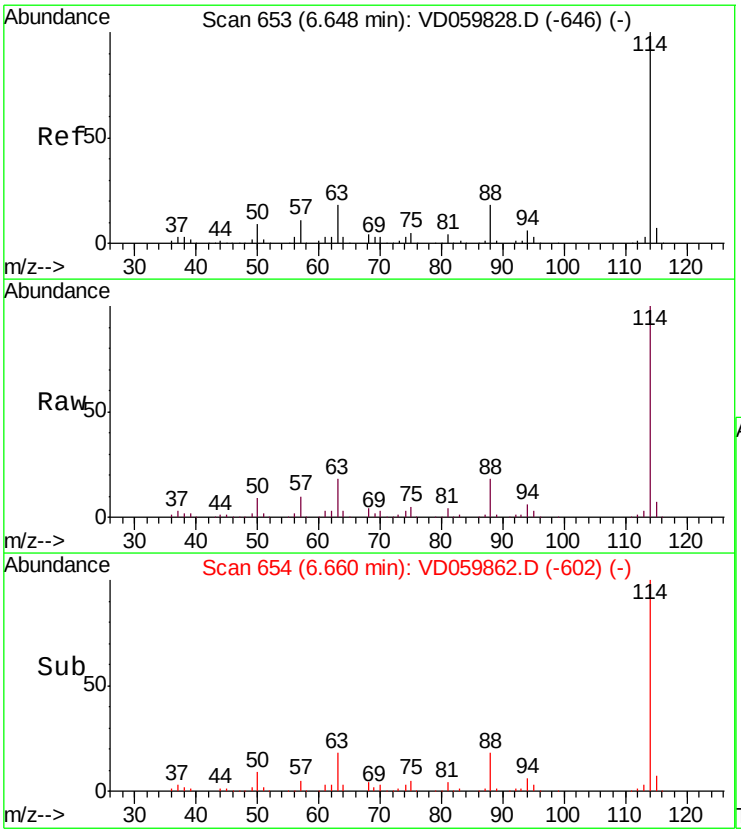
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 5.98 min Scan# 585
Delta R.T. 0.01 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Instrument : MSVOA_D
ClientSampleId : RA-081618-FL-044

Tgt Ion: 65 Resp: 404956

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	102.4

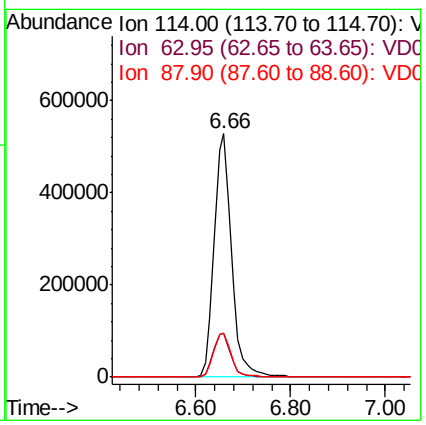


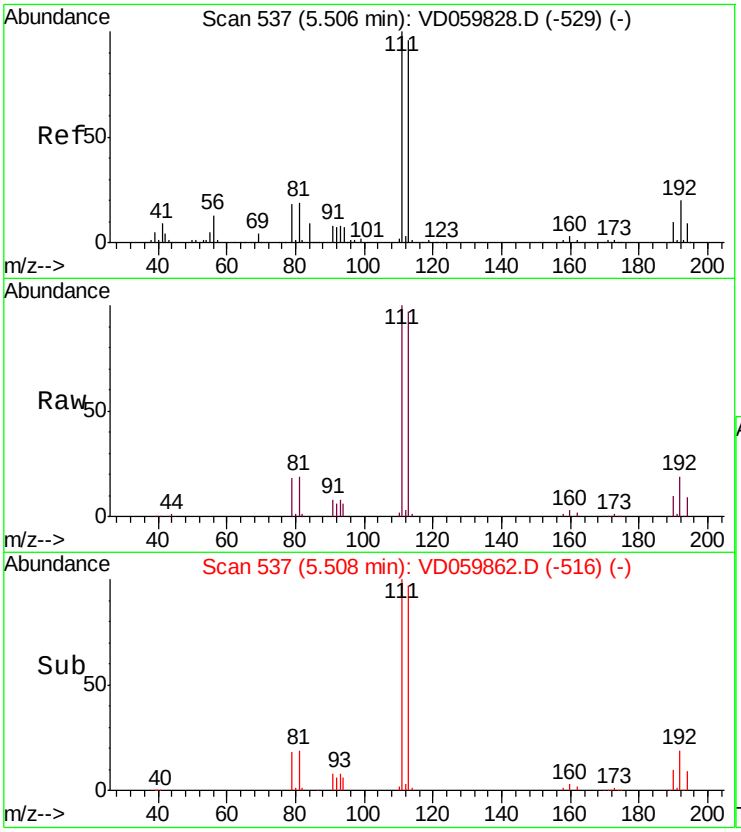


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.66 min Scan# 654
Delta R.T. 0.01 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Tgt Ion:114 Resp: 1346581

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	37.0
88	18.2	0.0	37.0



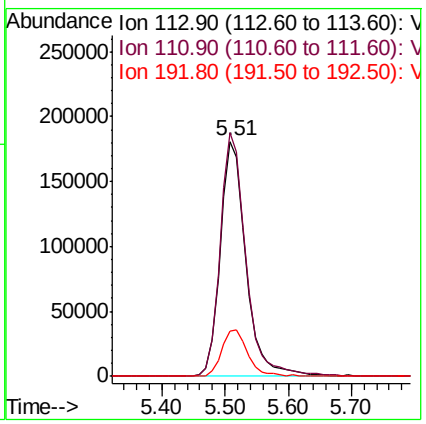


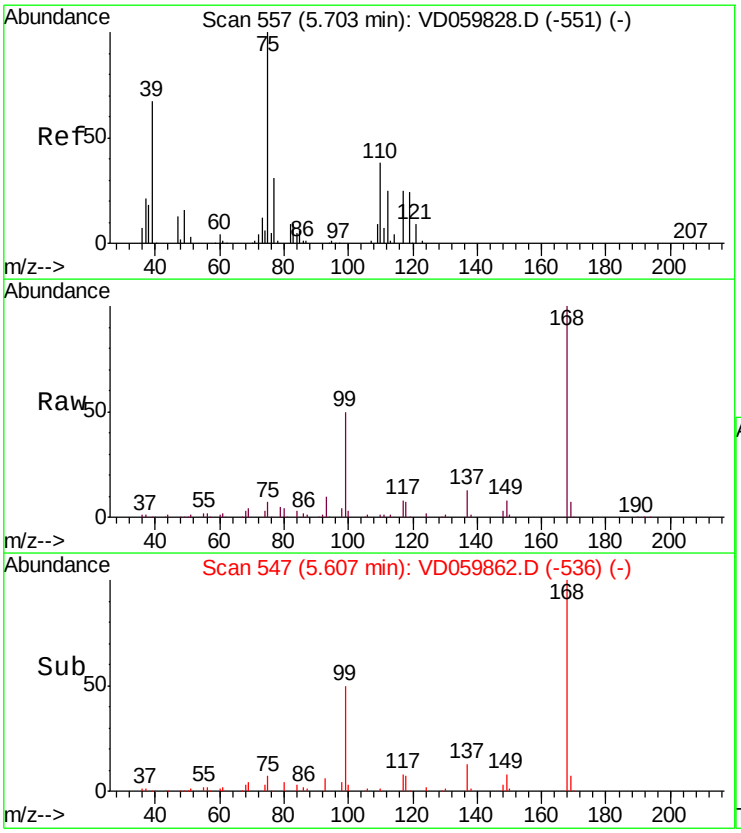
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.51 min Scan# 537
Delta R.T. 0.00 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Instrument :
MSVOA_D
ClientSampleId :
RA-081618-FL-044

Tgt Ion:113 Resp: 512883

Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.3	124.9
192	19.2	16.8	25.2

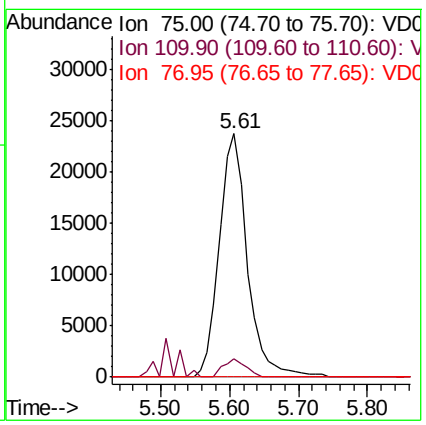


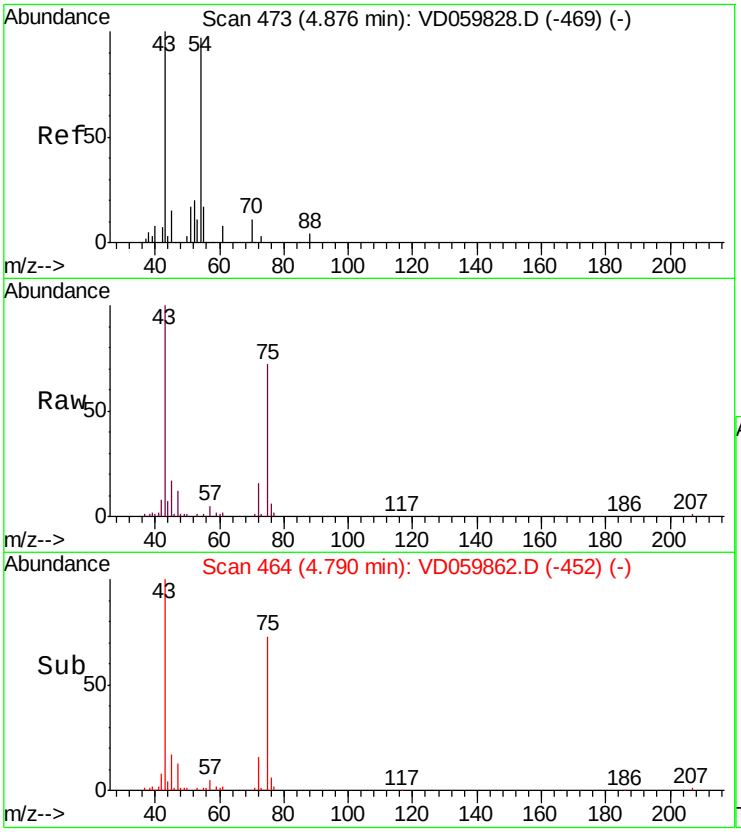


#36
1,1-Dichloropropene
Concen: 5.874 ug/l
RT: 5.61 min Scan# 547
Delta R.T. -0.10 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Tgt Ion: 75 Resp: 67082

Ion	Ratio	Lower	Upper
75	100		
110	7.5	18.8	56.4#
77	0.0	24.9	37.3#



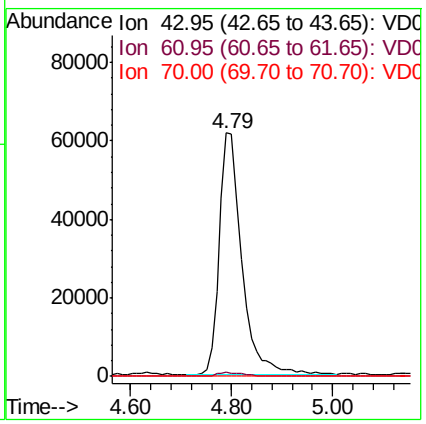


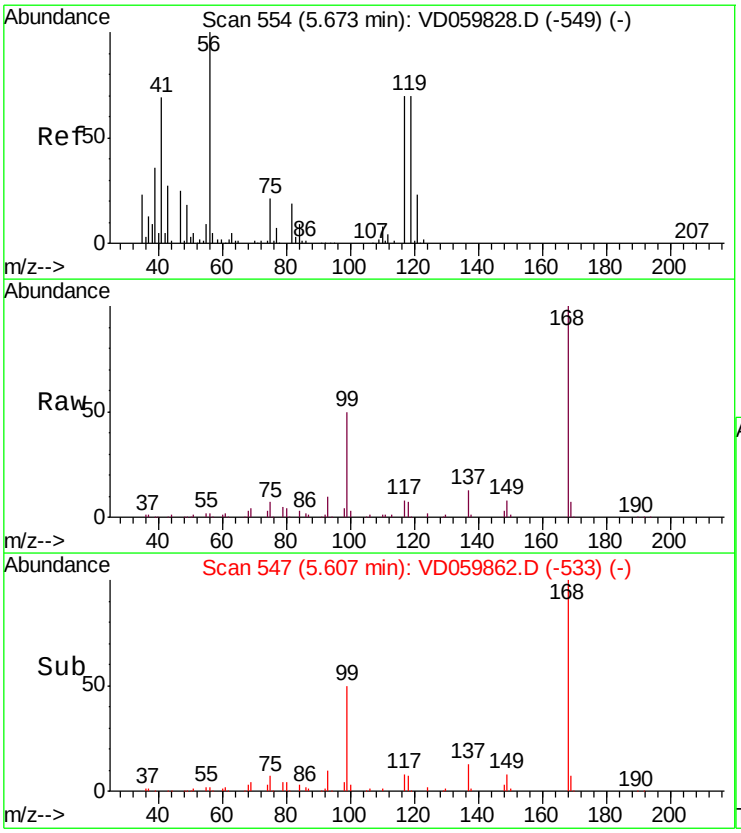
#37
Ethyl Acetate
Concen: 22.643 ug/l
RT: 4.79 min Scan# 464
Delta R.T. -0.09 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Instrument :
MSVOA_D
ClientSampleId :
RA-081618-FL-044

Tgt Ion: 43 Resp: 191689

Ion	Ratio	Lower	Upper
43	100		
61	1.8	10.4	15.6#
70	0.0	6.2	9.2#

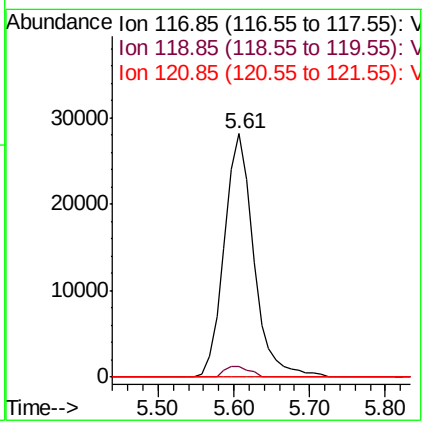


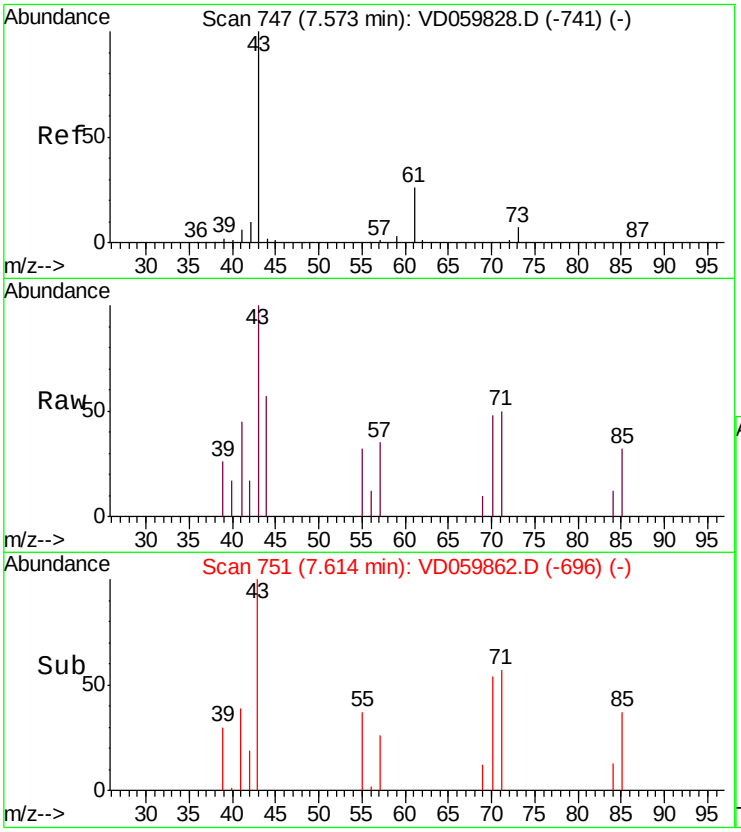


#38
Carbon Tetrachloride
Concen: 6.644 ug/l
RT: 5.61 min Scan# 547
Delta R.T. -0.07 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Tgt Ion:117 Resp: 75724

Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.0	115.4#
121	0.0	24.7	37.1#



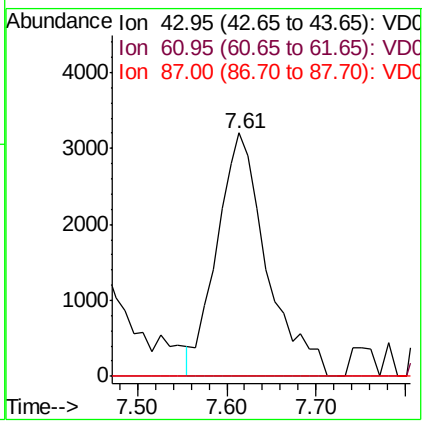


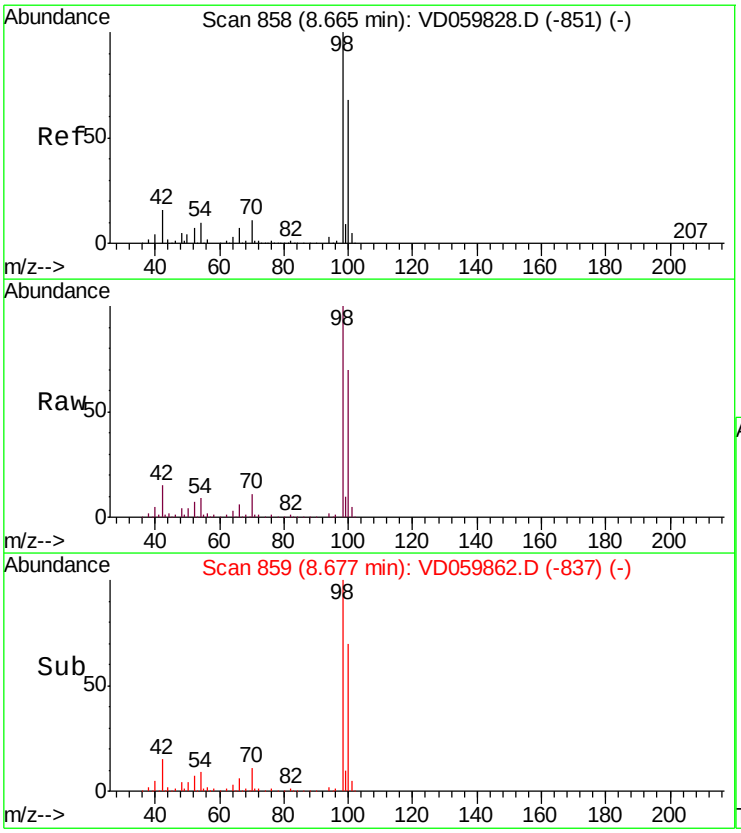
#43
Isopropyl Acetate
Concen: 1.061 ug/l
RT: 7.61 min Scan# 751
Delta R.T. 0.04 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Instrument : MSVOA_D
ClientSampleId : RA-081618-FL-044

Tgt Ion: 43 Resp: 12420

Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.0	31.4#
87	0.0	0.2	0.4#

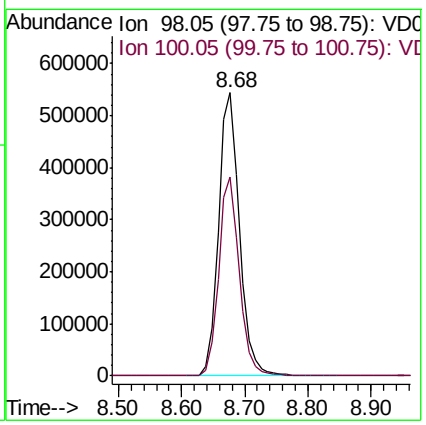


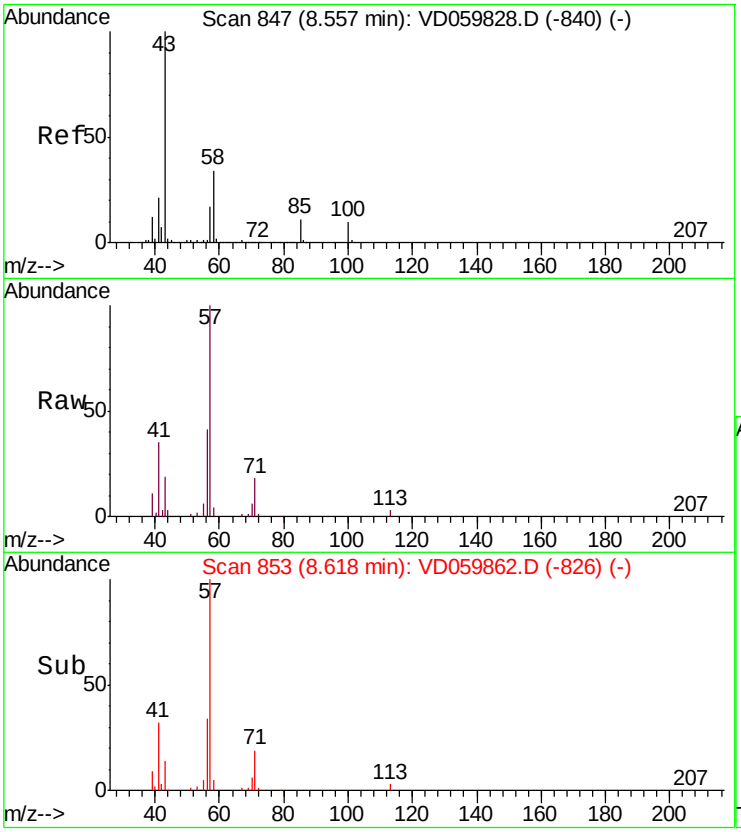


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.68 min Scan# 859
Delta R.T. 0.01 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Tgt Ion: 98 Resp: 1256953

Ion	Ratio	Lower	Upper
98	100		
100	70.1	55.0	82.4



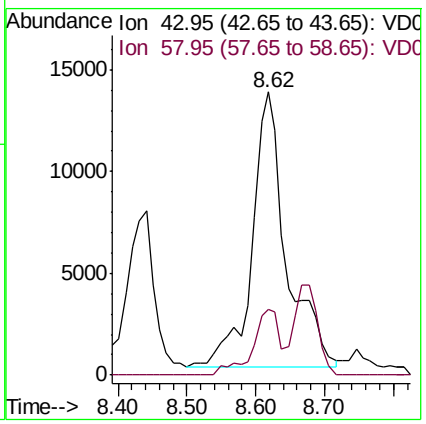


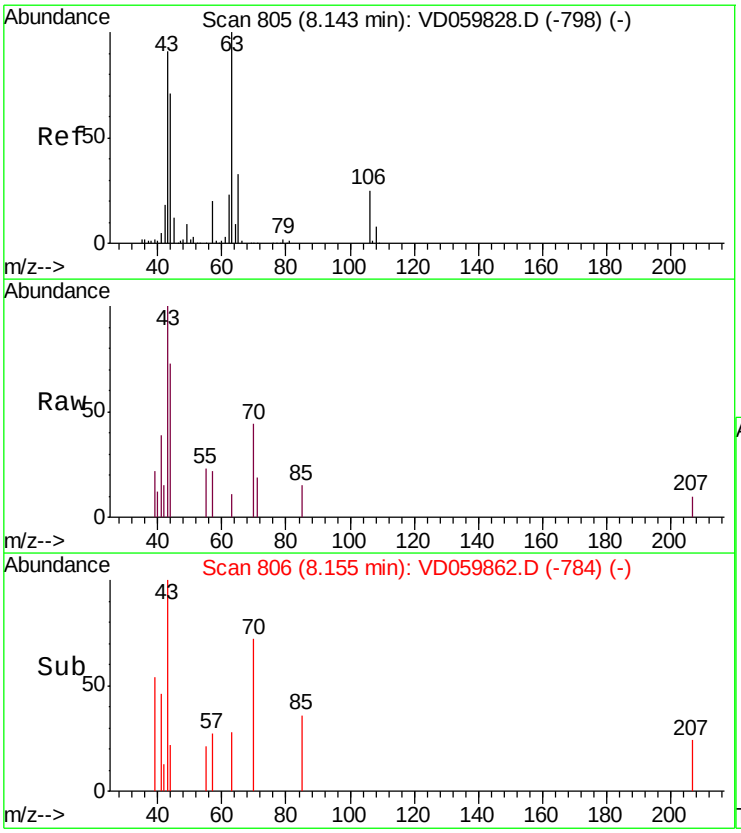
#51
4-Methyl-2-Pentanone
Concen: 5.973 ug/l
RT: 8.62 min Scan# 853
Delta R.T. 0.06 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Instrument :
MSVOA_D
ClientSampleId :
RA-081618-FL-044

Tgt Ion: 43 Resp: 46757

Ion	Ratio	Lower	Upper
43	100		
58	23.4	27.0	40.4#

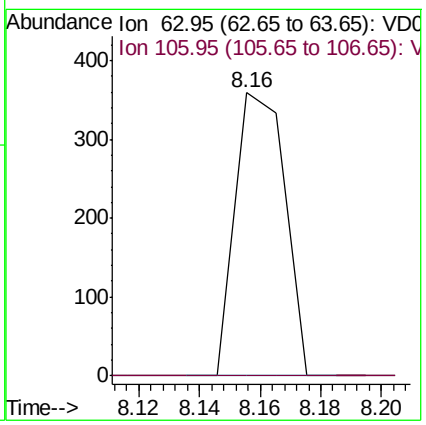


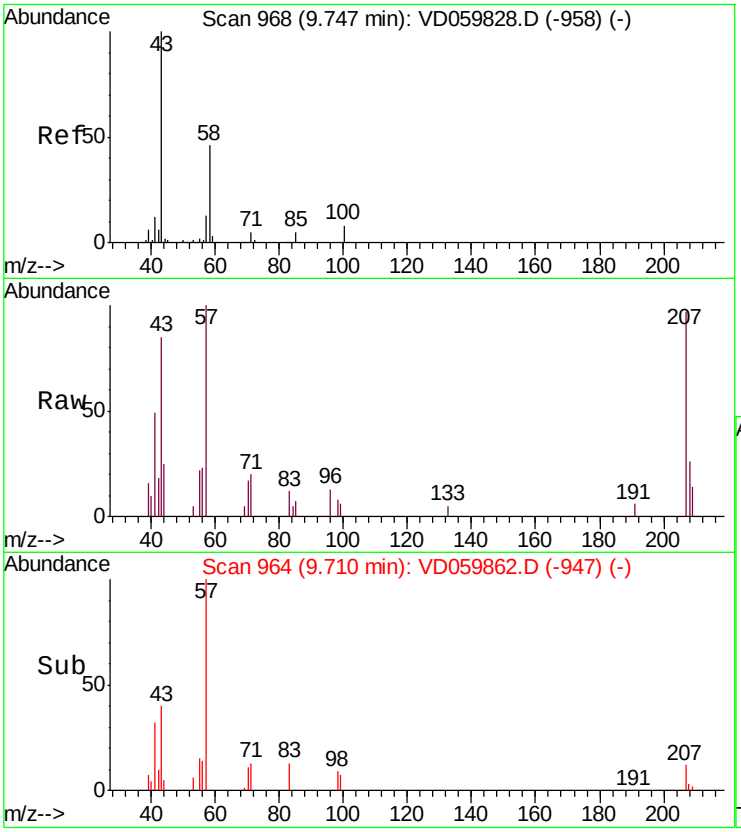


#58
2-Chloroethyl Vinyl ether
Concen: 9.580 ug/l
RT: 8.16 min Scan# 806
Delta R.T. 0.01 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Tgt Ion: 63 Resp: 409

Ion	Ratio	Lower	Upper
63	100		
106	0.0	19.6	29.4#



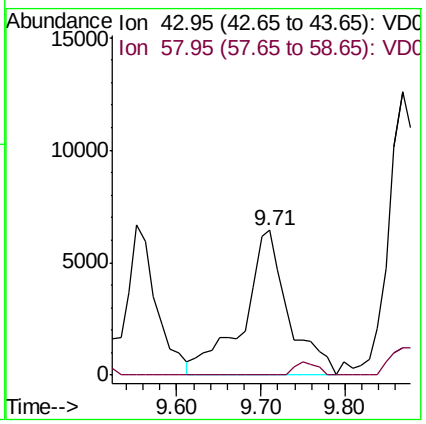


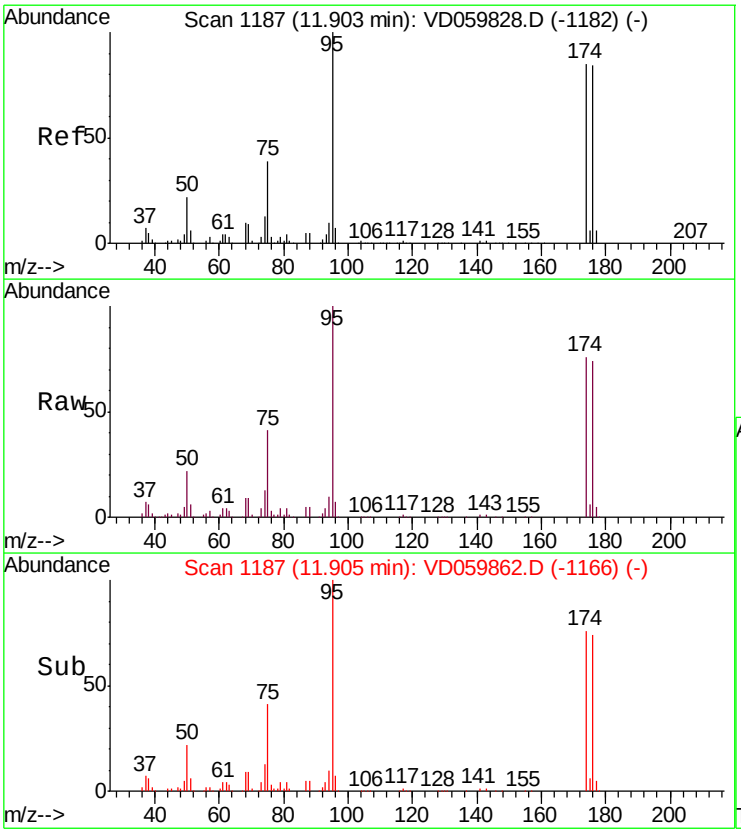
#59
2-Hexanone
Concen: 4.134 ug/l
RT: 9.71 min Scan# 964
Delta R.T. -0.04 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Instrument :
MSVOA_D
ClientSampleId :
RA-081618-FL-044

Tgt Ion: 43 Resp: 23921

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.1	69.2#

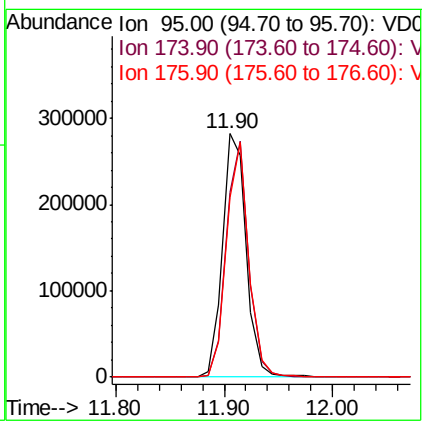


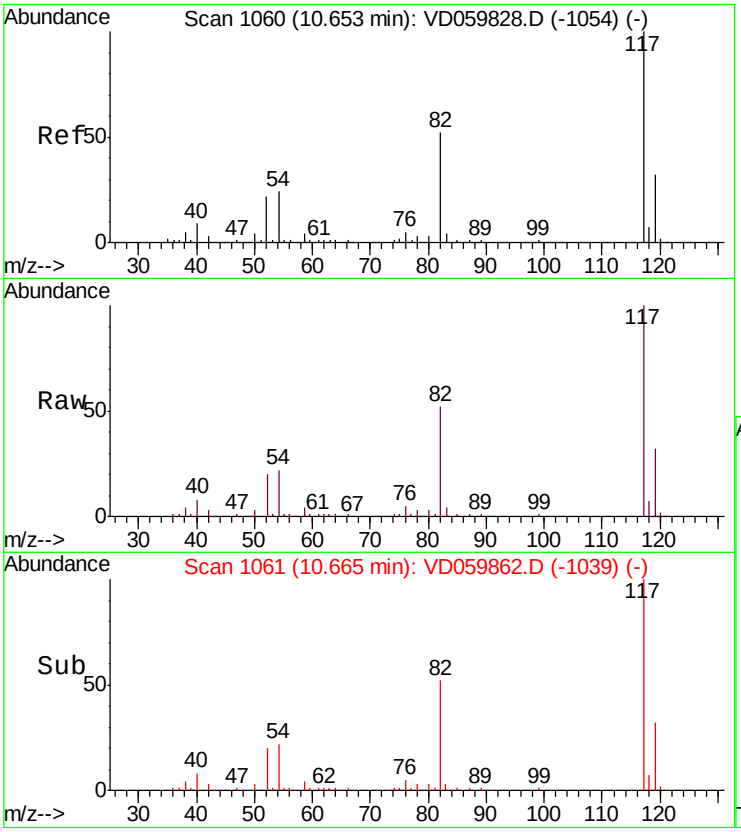


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.90 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Tgt Ion: 95 Resp: 428975

Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	169.2
176	73.9	0.0	168.0



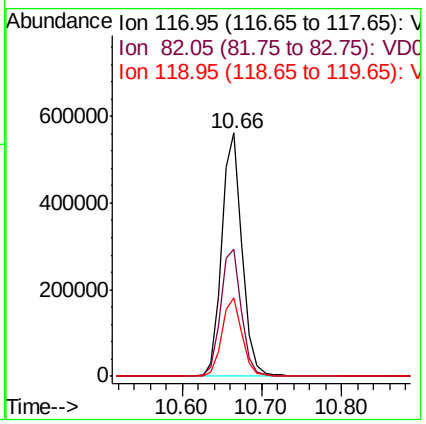


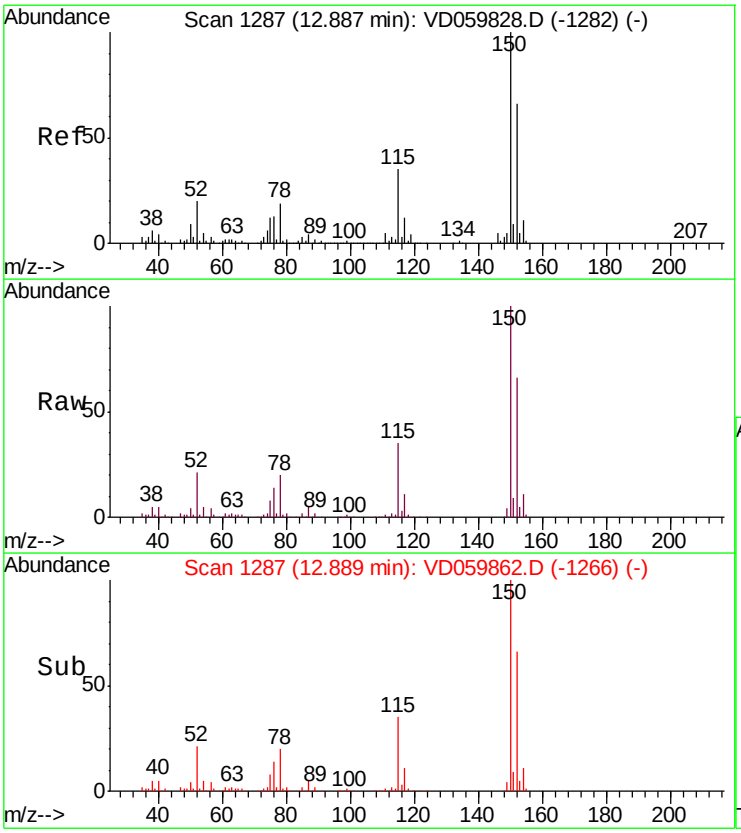
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.66 min Scan# 1061
Delta R.T. 0.01 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Instrument : MSVOA_D
ClientSampleId : RA-081618-FL-044

Tgt Ion:117 Resp: 1010847

Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.6	62.4
119	32.4	25.6	38.4

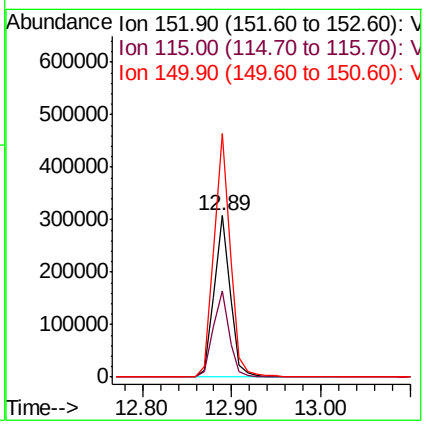


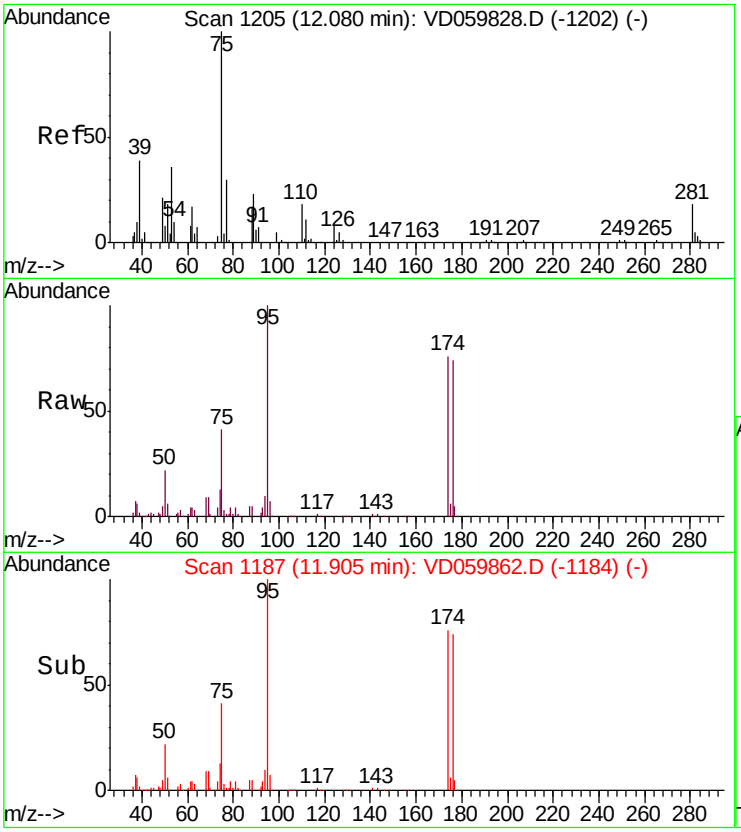


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.89 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Tgt Ion:152 Resp: 389492

Ion	Ratio	Lower	Upper
152	100		
115	53.2	26.9	80.6
150	150.6	0.0	306.8



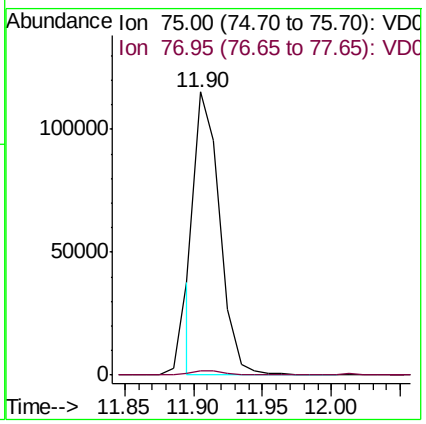


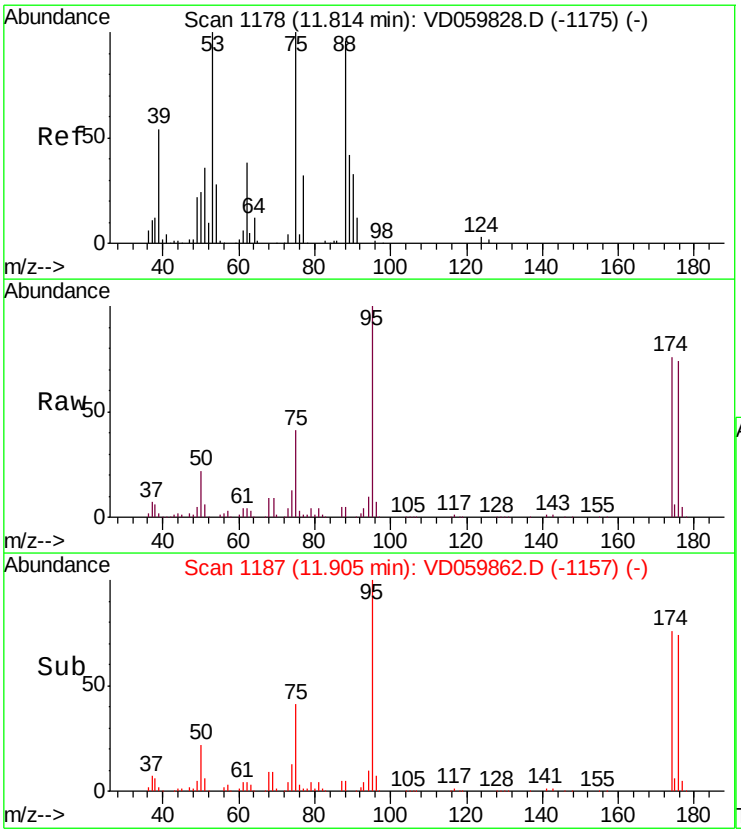
#76
1,2,3-Trichloropropane
Concen: 22.487 ug/l
RT: 11.90 min Scan# 1187
Delta R.T. -0.17 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Instrument :
MSVOA_D
ClientSampleId :
RA-081618-FL-044

Tgt Ion: 75 Resp: 144900

Ion	Ratio	Lower	Upper
75	100		
77	1.3	16.0	47.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 83.781 ug/l
RT: 11.90 min Scan# 1187
Delta R.T. 0.09 min
Lab File: VD059862.D
Acq: 21 Aug 2018 18:15

Tgt Ion: 75 Resp: 168764

Ion	Ratio	Lower	Upper
75	100		
53	0.0	80.7	121.1#
89	0.0	33.9	50.9#