Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD083118\
Data File : VD059935.D
Acq On : 31 Aug 2018 14:56
Operator : JC/SY
Sample : J4275-19
Misc : 5.22g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CL-02-082918-A

Quant Time: Aug 31 15:39:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	71105	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	155714	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	113895	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	49018	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	68902	114.97	ug/l	-0.03
Spiked Amount 50.000			Recovery = 229.94%			
35) Dibromofluoromethane	6.30	113	59531	48.76	ug/l	-0.03
Spiked Amount 50.000			Recovery = 97.52%			
50) Toluene-d8	9.43	98	87878	25.94	ug/l	-0.03
Spiked Amount 50.000			Recovery = 51.88%			
62) 4-Bromofluorobenzene	12.41	95	41258	29.98	ug/l	-0.02
Spiked Amount 50.000			Recovery = 59.96%			
Target Compounds						Qvalue
5) Bromomethane	2.22	94	193	2.476	ug/l #	1
11) Tert butyl alcohol	3.94	59	8095	177.023	ug/l #	75
13) Acrolein	3.06	56	224	11.294	ug/l	82
14) Allyl chloride	3.51	41	828	1.470	ug/l #	82
16) Acetone	3.13	43	226038	2070.197	ug/l	100
17) Carbon Disulfide	3.28	76	6067	7.849	ug/l #	87
18) Methyl Acetate	3.52	43	7529	33.032	ug/l #	78
20) Methylene Chloride	3.68	84	8051	7.915	ug/l	93
25) 2-Butanone	5.59	43	89559	276.949	ug/l	98
26) 2,2-Dichloropropane	5.62	77	1567	1.510	ug/l #	49
29) Tetrahydrofuran	5.93	42	1748	11.354	ug/l #	53
36) 1,1-Dichloropropene	6.37	75	5235	3.709	ug/l #	40
37) Ethyl Acetate	5.59	43	90183	82.103	ug/l #	71
38) Carbon Tetrachloride	6.38	117	5329	3.741	ug/l #	12
40) Benzene	6.76	78	5655	1.541	ug/l	93
41) Methacrylonitrile	5.93	41	2071	3.743	ug/l #	79
51) 4-Methyl-2-Pentanone	9.32	43	3305	3.102	ug/l	98
59) 2-Hexanone	10.47	43	1041	1.325	ug/l #	30
69) o-Xylene	11.92	106	2188	1.614	ug/l	80
81) trans-1,4-Dichloro-2-buten	12.41	75	18121	76.465	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.08	105	4895	1.888	ug/l	81
89) n-Butylbenzene	13.64	91	889	Below Cal #		29
95) Naphthalene	14.96	128	32857	19.068	ug/l	98

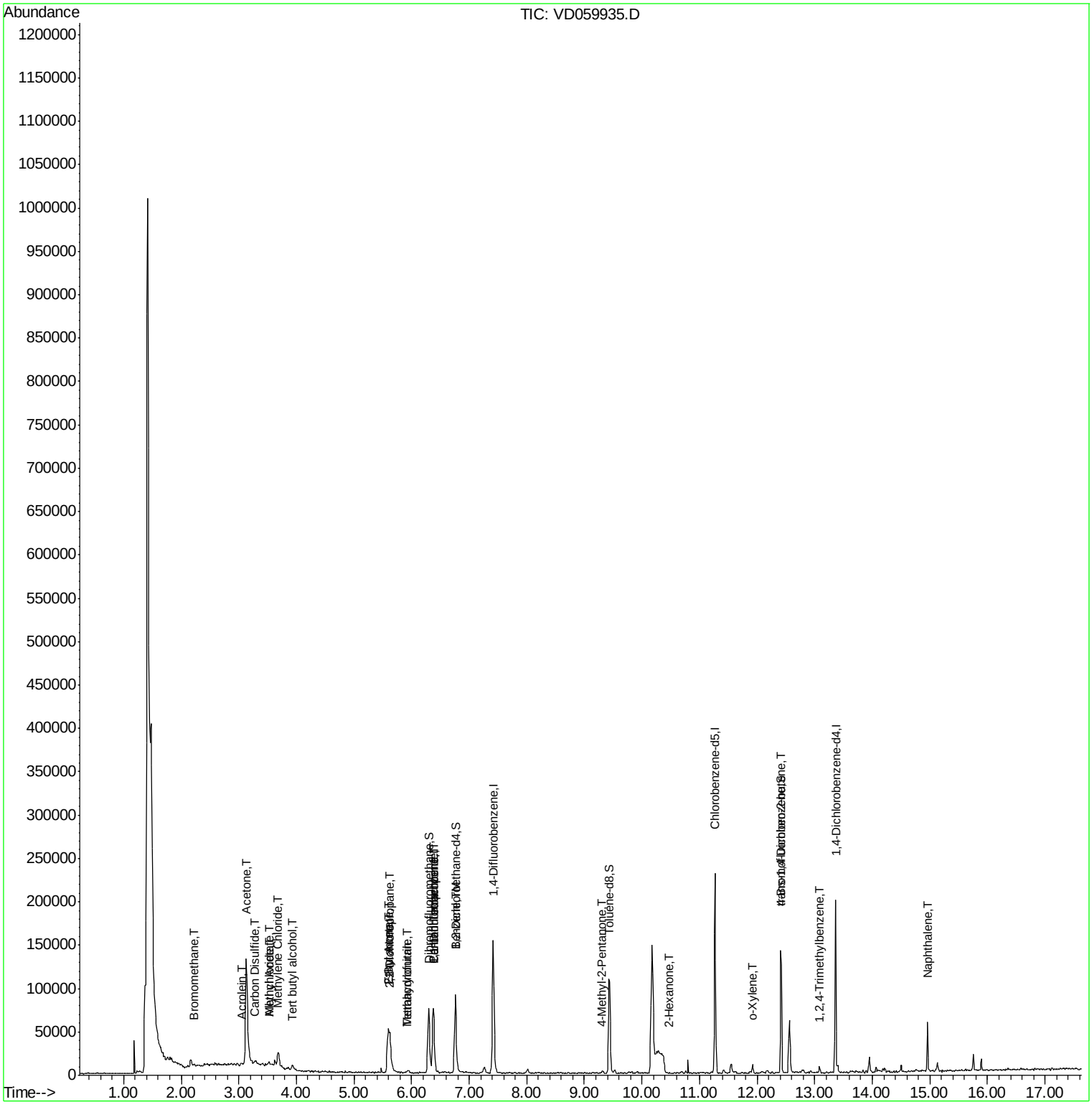
(#) = qualifier out of range (m) = manual integration (+) = signals summed

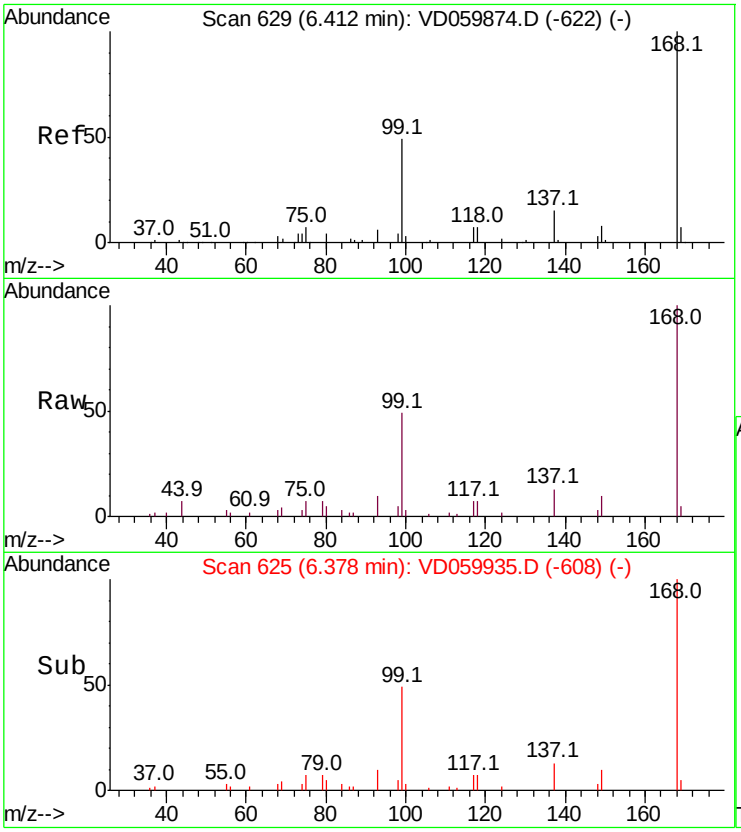
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083118\
Data File : VD059935.D
Acq On : 31 Aug 2018 14:56
Operator : JC/SY
Sample : J4275-19
Misc : 5.22g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CL-02-082918-A

Quant Time: Aug 31 15:39:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration



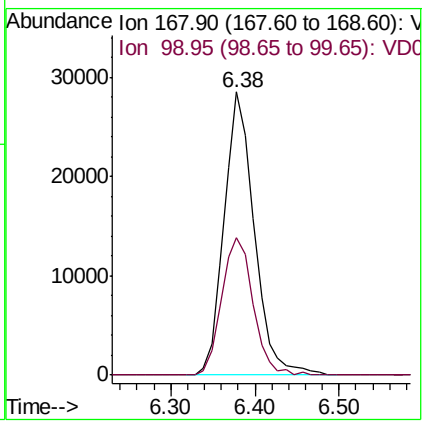


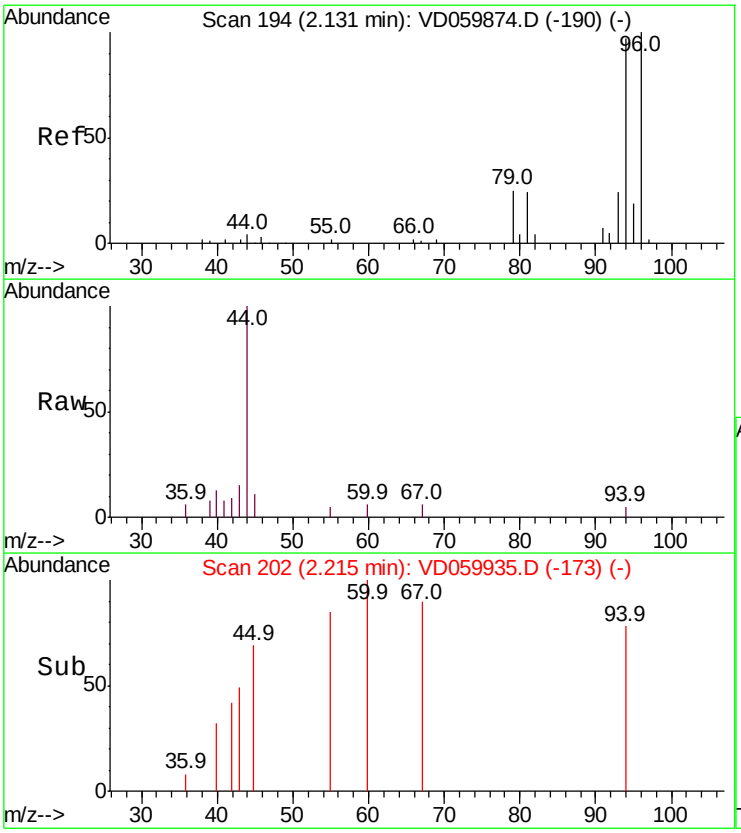
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.38 min Scan# 625
Delta R.T. -0.03 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Instrument :
MSVOA_D
ClientSampleId :
CL-02-082918-A

Tgt Ion:168 Resp: 71105

Ion	Ratio	Lower	Upper
168	100		
99	48.7	42.2	63.2

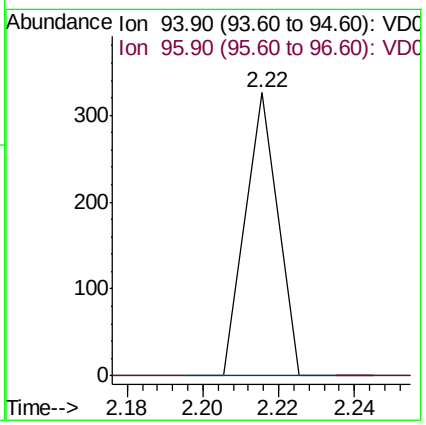


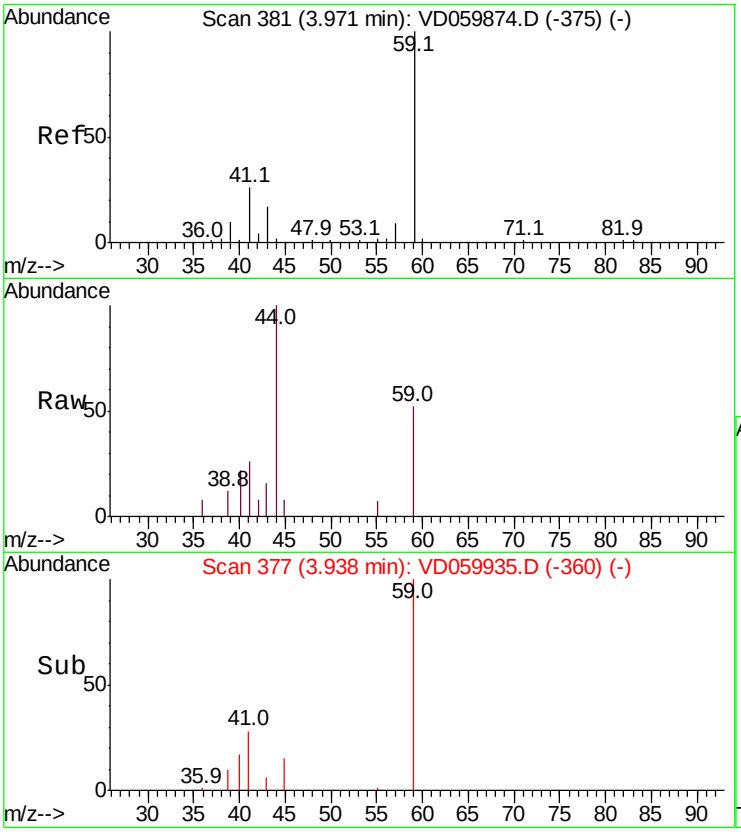


#5
Bromomethane
Concen: 2.476 ug/l
RT: 2.22 min Scan# 202
Delta R.T. 0.08 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Tgt Ion: 94 Resp: 193

Ion	Ratio	Lower	Upper
94	100		
96	0.0	82.4	123.6#



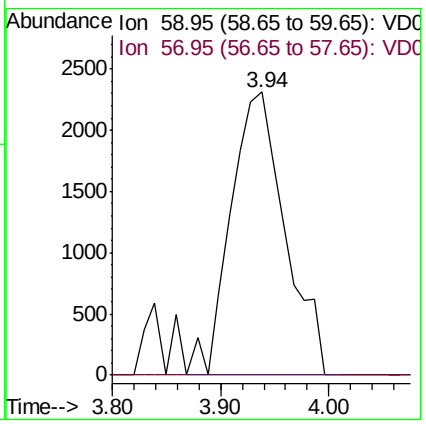


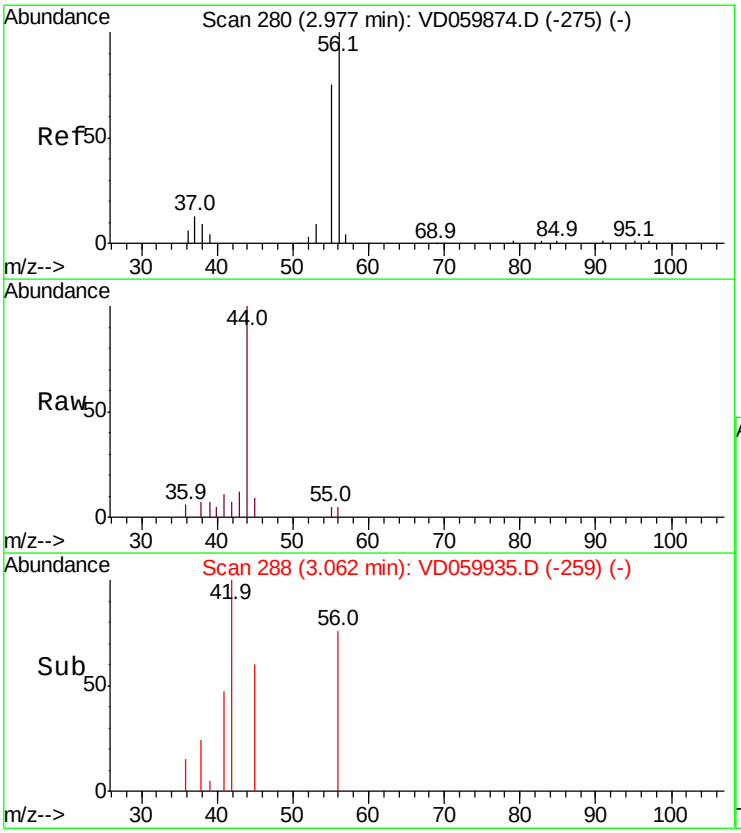
#11
Tert butyl alcohol
Concen: 177.023 ug/l
RT: 3.94 min Scan# 377
Delta R.T. -0.03 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Instrument :
MSVOA_D
ClientSampleId :
CL-02-082918-A

Tgt Ion: 59 Resp: 8095

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.0#

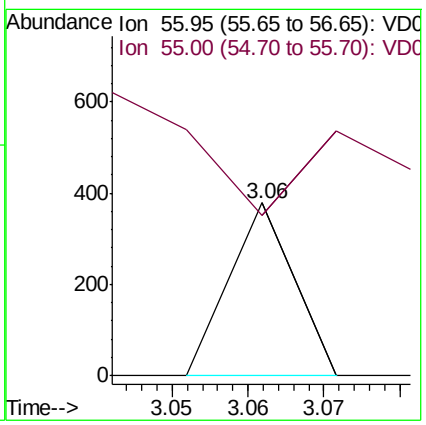


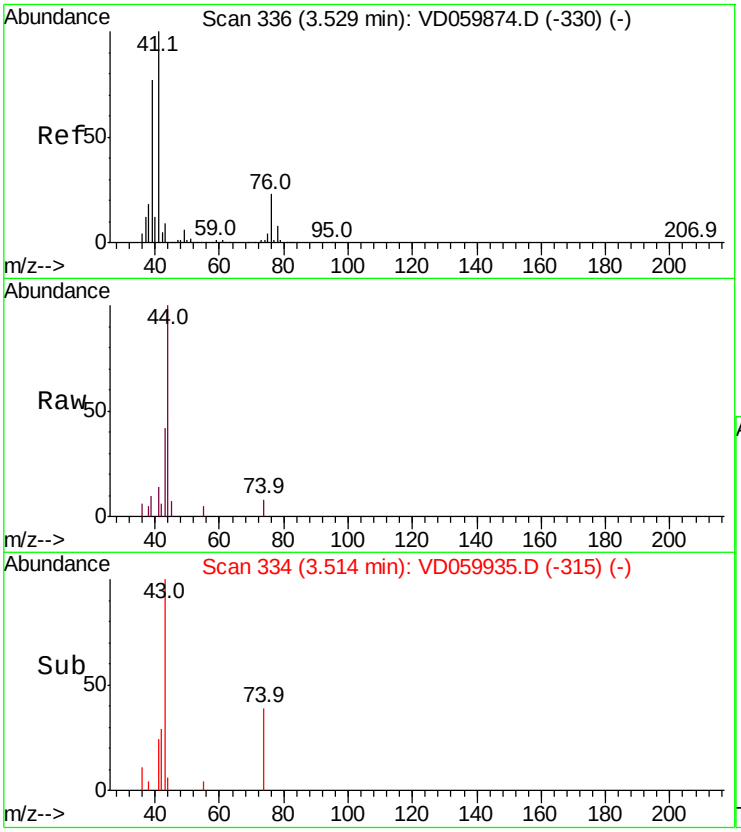


#13
Acrolein
Concen: 11.294 ug/l
RT: 3.06 min Scan# 288
Delta R.T. 0.08 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Tgt Ion: 56 Resp: 224

Ion	Ratio	Lower	Upper
56	100		
55	92.6	61.9	92.9



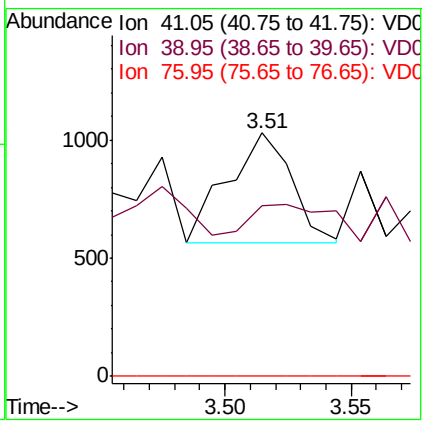


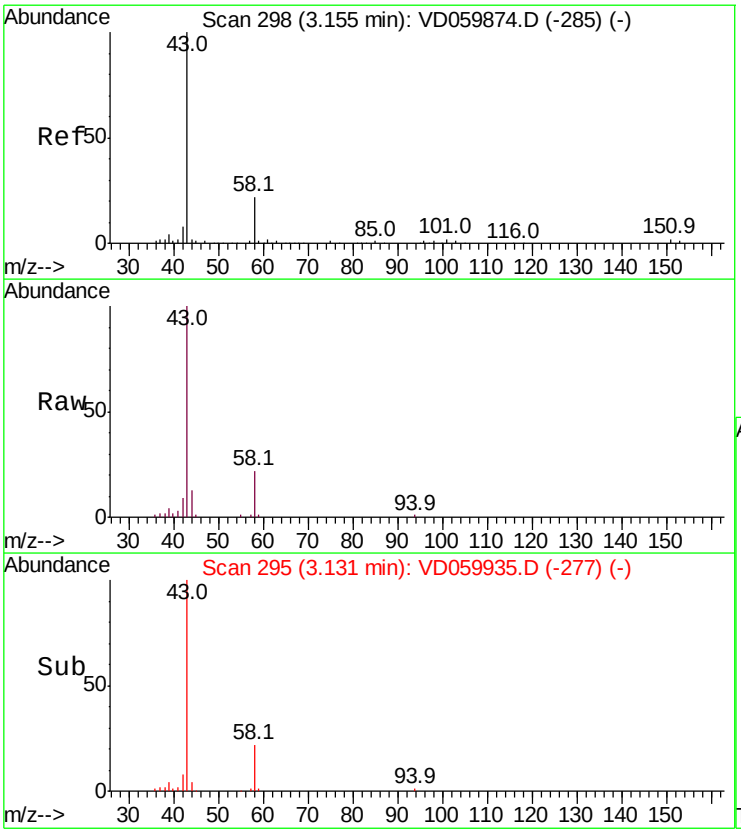
#14
Allyl chloride
Concen: 1.470 ug/l
RT: 3.51 min Scan# 334
Delta R.T. -0.01 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Instrument :
MSVOA_D
ClientSampleId :
CL-02-082918-A

Tgt Ion: 41 Resp: 828

Ion	Ratio	Lower	Upper
41	100		
39	69.9	61.8	92.6
76	0.0	19.4	29.2#

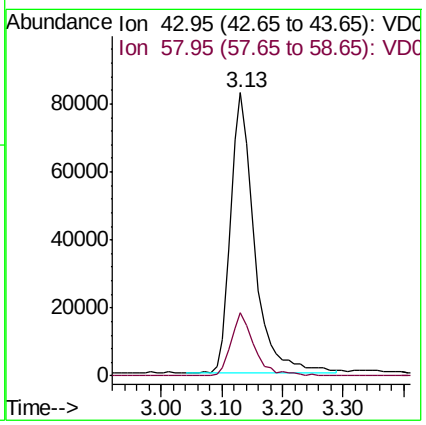


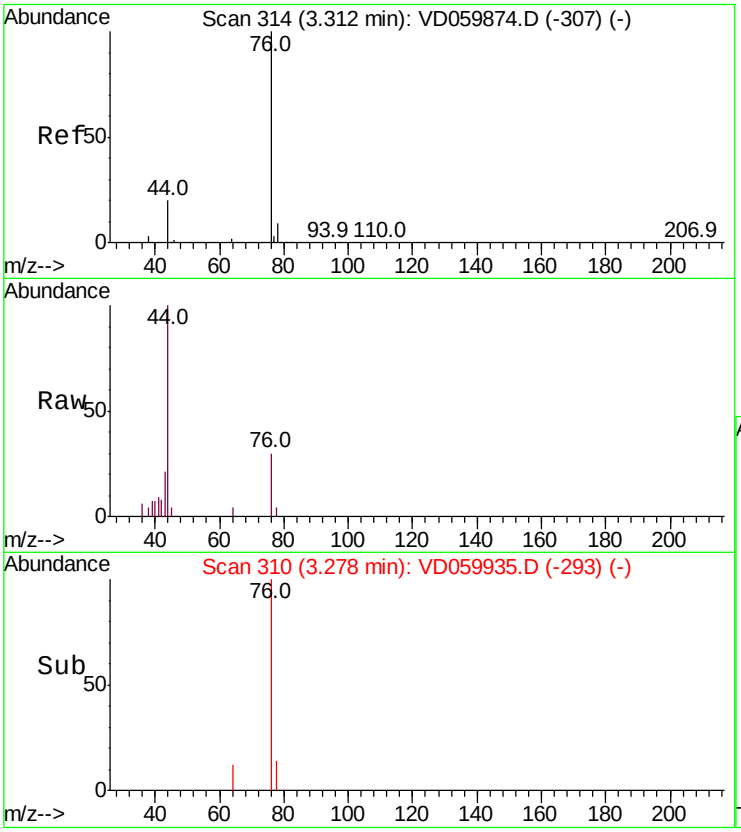


#16
Acetone
Concen: 2070.197 ug/l
RT: 3.13 min Scan# 295
Delta R.T. -0.02 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Tgt Ion: 43 Resp: 226038

Ion	Ratio	Lower	Upper
43	100		
58	22.1	17.6	26.4



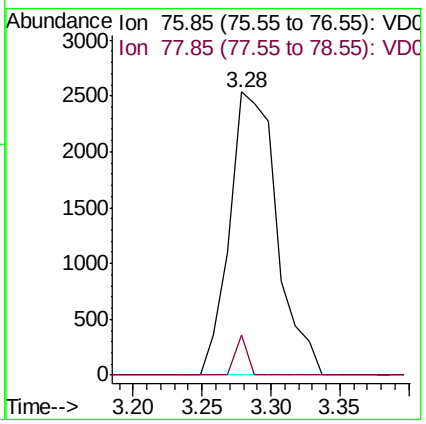


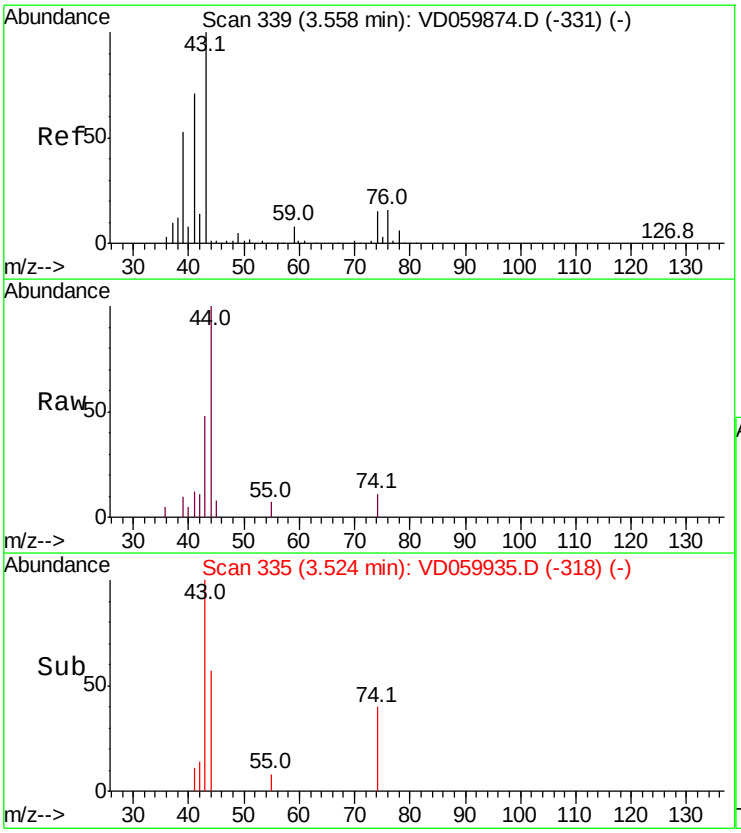
#17
Carbon Disulfide
Concen: 7.849 ug/l
RT: 3.28 min Scan# 310
Delta R.T. -0.03 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Instrument : MSVOA_D
ClientSampleId : CL-02-082918-A

Tgt Ion: 76 Resp: 6067

Ion	Ratio	Lower	Upper
76	100		
78	14.1	7.4	11.2#

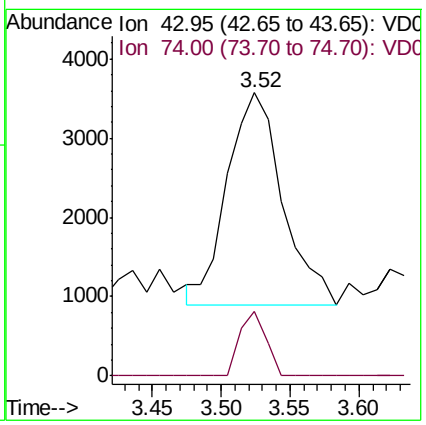


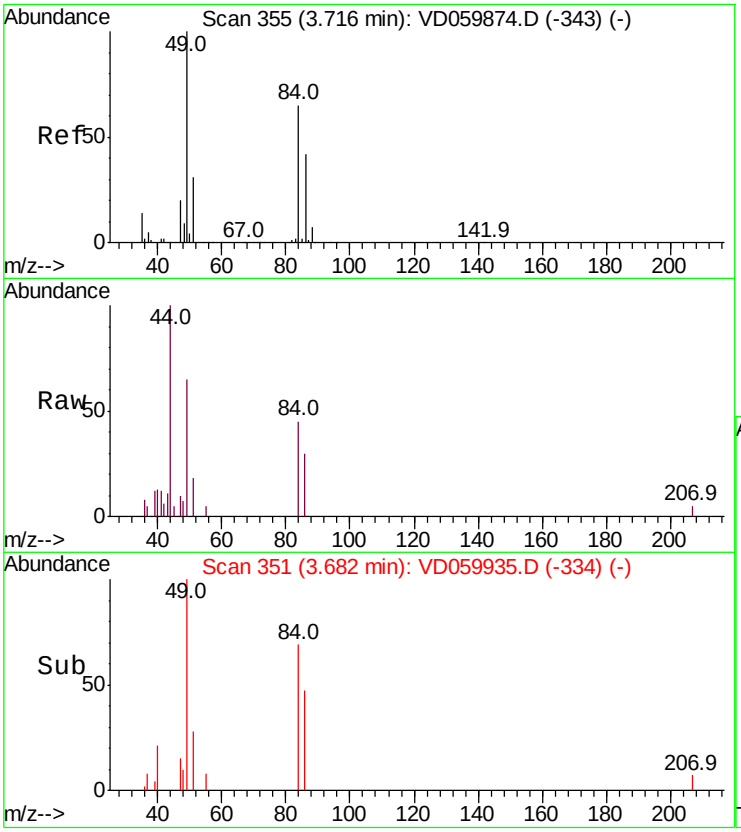


#18
Methyl Acetate
Concen: 33.032 ug/l
RT: 3.52 min Scan# 335
Delta R.T. -0.03 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Tgt Ion: 43 Resp: 7529

Ion	Ratio	Lower	Upper
43	100		
74	22.8	11.2	16.8#



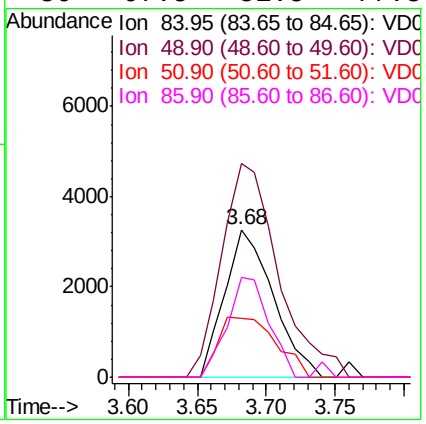


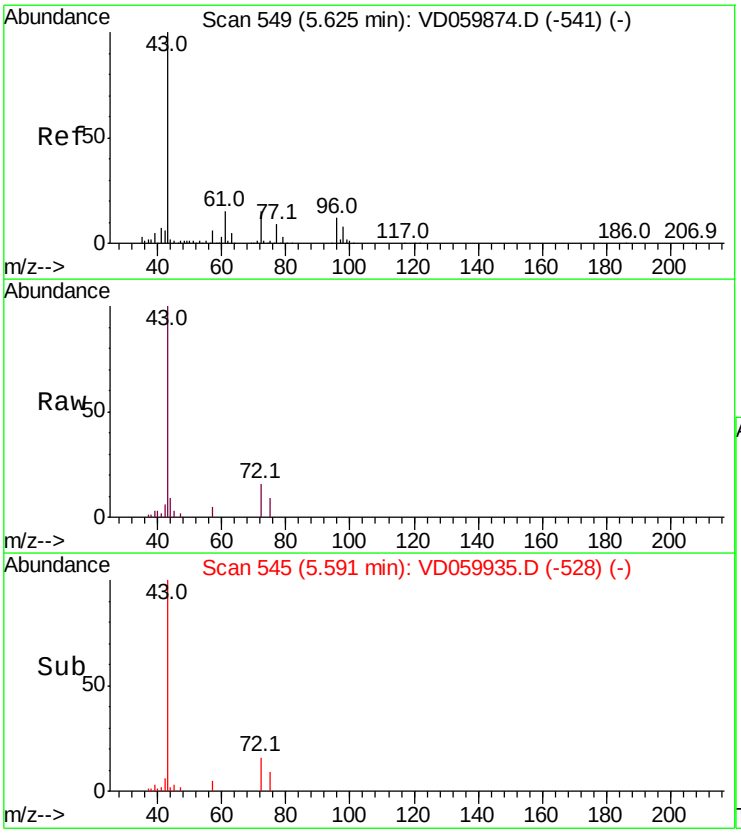
#20
Methylene Chloride
Concen: 7.915 ug/l
RT: 3.68 min Scan# 351
Delta R.T. -0.03 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Instrument :
MSVOA_D
ClientSampleId :
CL-02-082918-A

Tgt Ion: 84 Resp: 8051

Ion	Ratio	Lower	Upper
84	100		
49	144.5	122.6	183.8
51	39.9	38.4	57.6
86	67.5	51.5	77.3

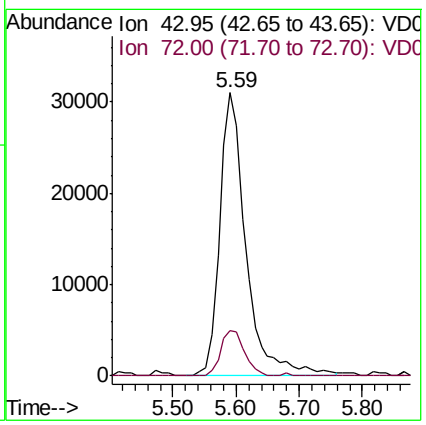


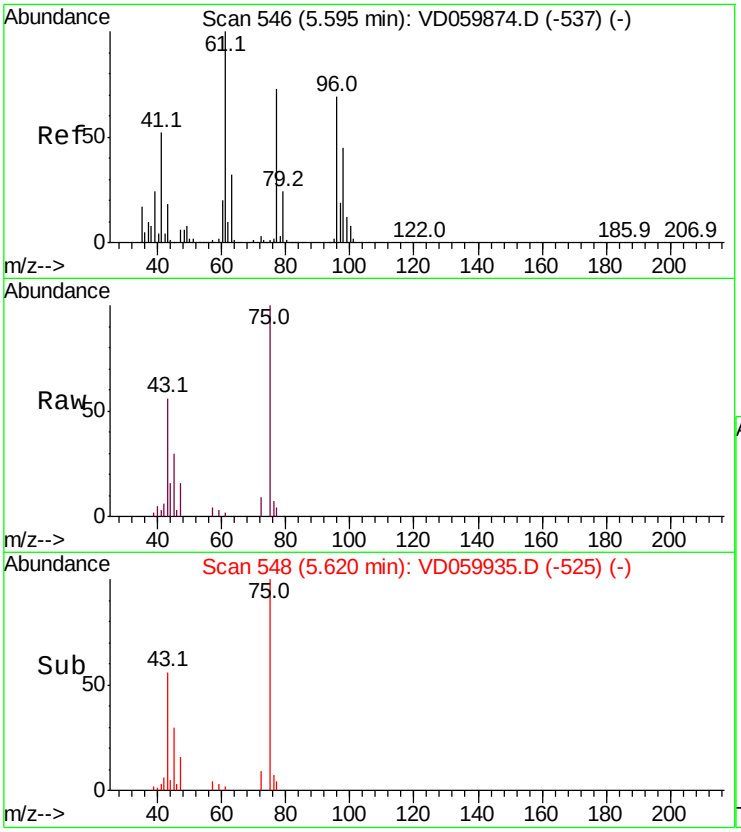


#25
2-Butanone
Concen: 276.949 ug/l
RT: 5.59 min Scan# 545
Delta R.T. -0.03 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Tgt Ion: 43 Resp: 89559

Ion	Ratio	Lower	Upper
43	100		
72	16.2	12.3	18.5



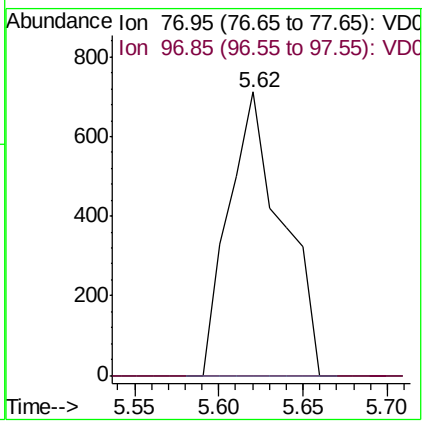


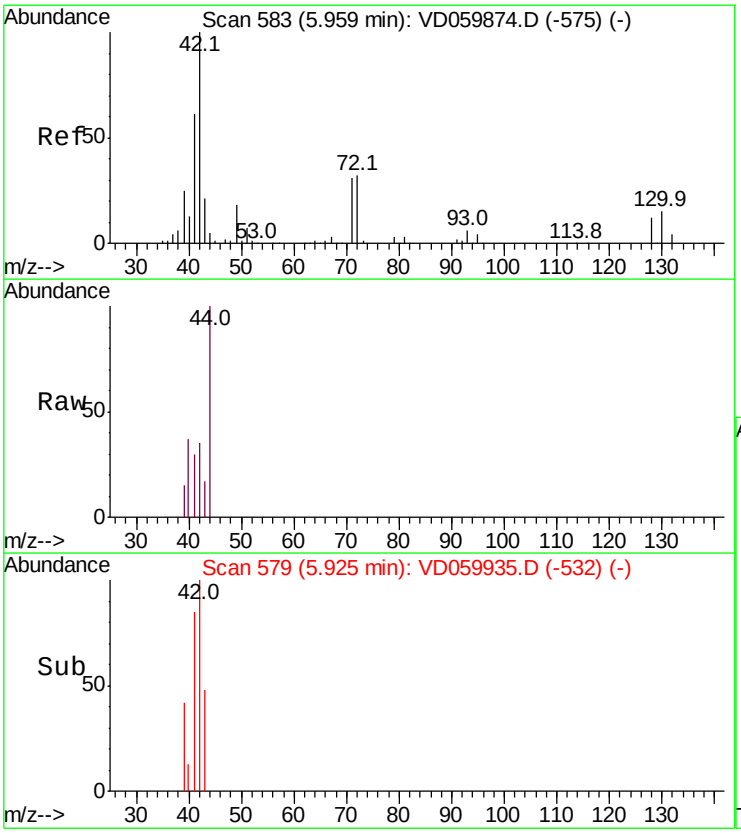
#26
2,2-Dichloropropane
Concen: 1.510 ug/l
RT: 5.62 min Scan# 548
Delta R.T. 0.03 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Instrument :
MSVOA_D
ClientSampleId :
CL-02-082918-A

Tgt Ion: 77 Resp: 1567

Ion	Ratio	Lower	Upper
77	100		
97	0.0	13.0	38.9#

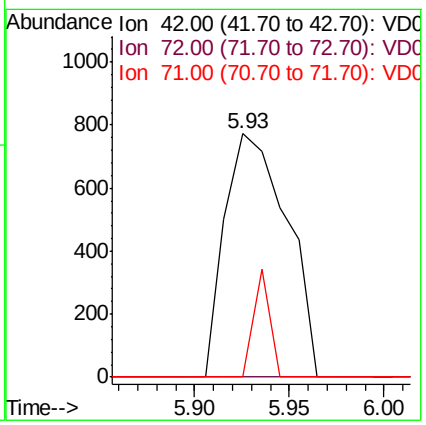


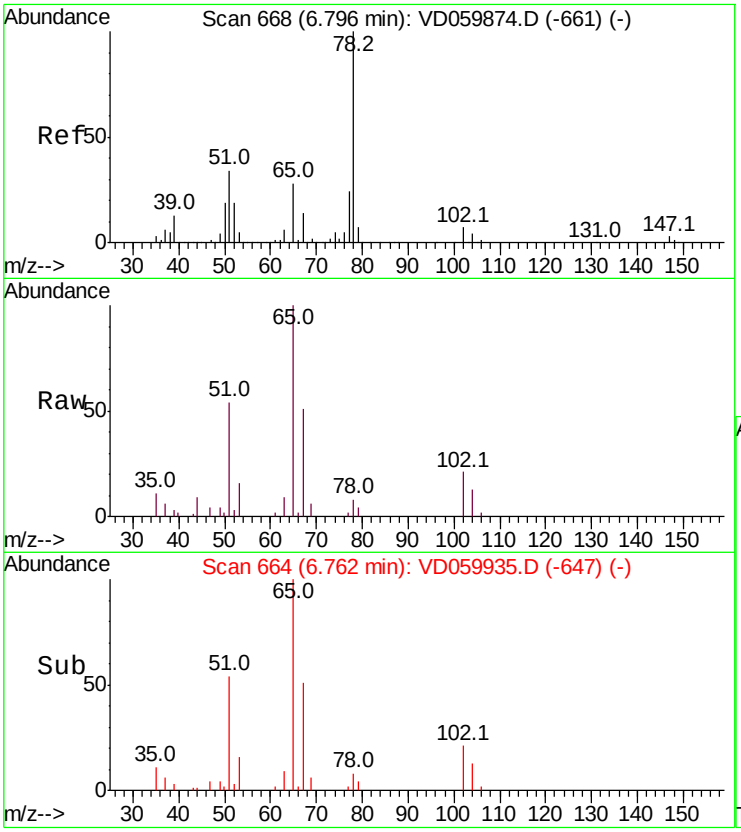


#29
Tetrahydrofuran
Concen: 11.354 ug/l
RT: 5.93 min Scan# 579
Delta R.T. -0.03 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Tgt Ion: 42 Resp: 1748

Ion	Ratio	Lower	Upper
42	100		
72	0.0	25.7	38.5#
71	11.5	25.3	37.9#



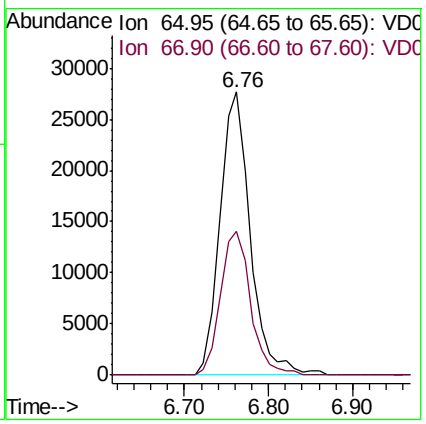


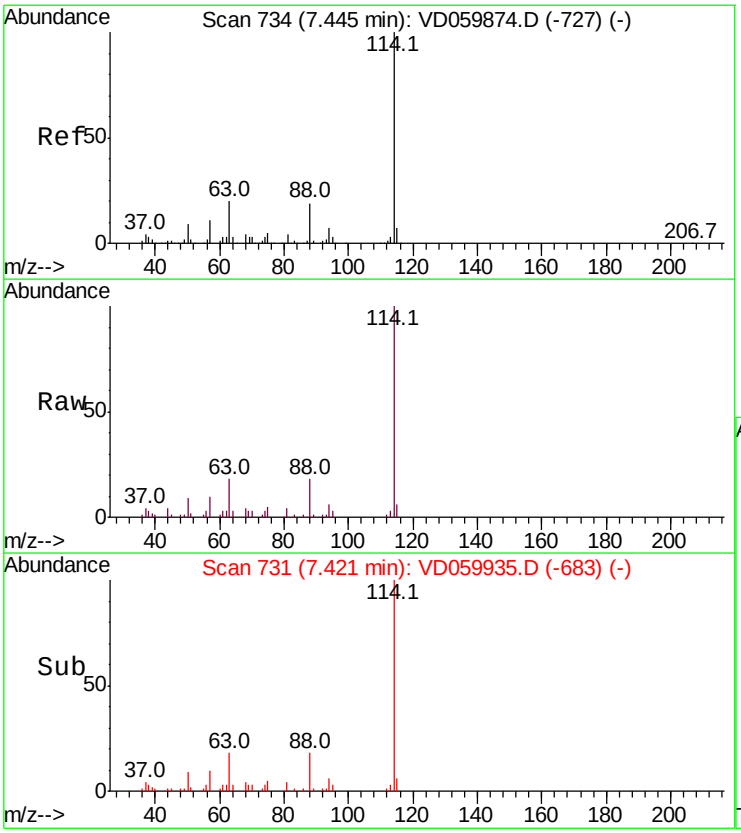
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 664
Delta R.T. -0.03 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Instrument : MSVOA_D
ClientSampleId : CL-02-082918-A

Tgt Ion: 65 Resp: 68902

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	103.8

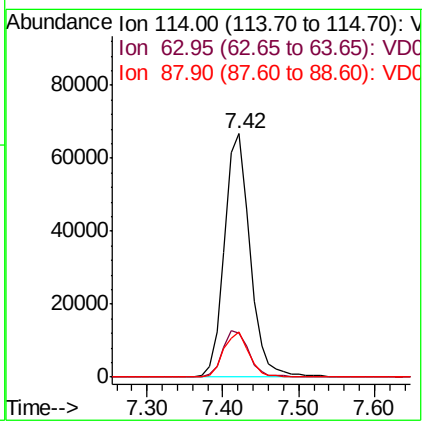


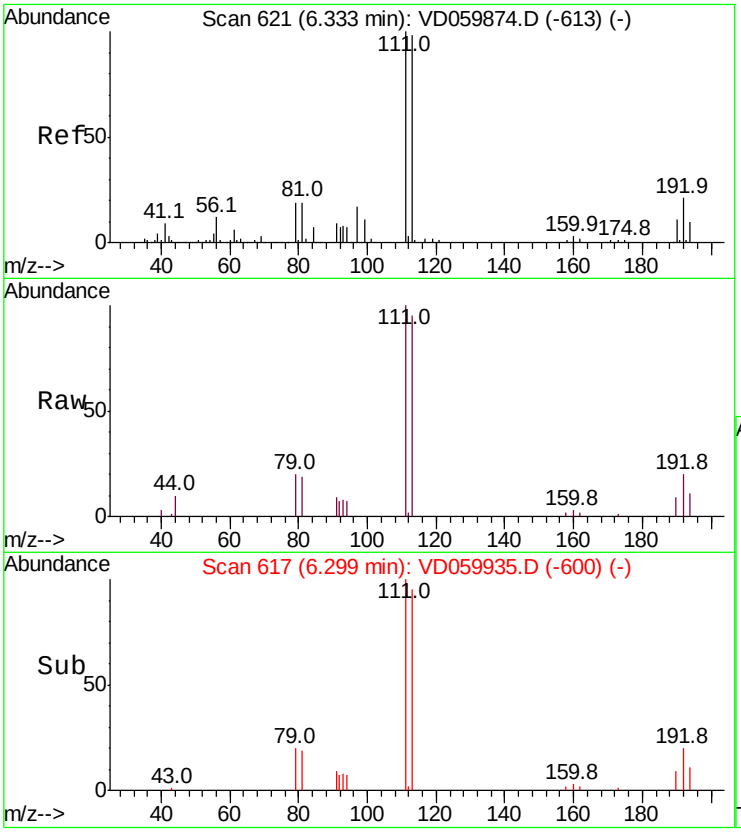


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.42 min Scan# 731
Delta R.T. -0.02 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Tgt Ion:114 Resp: 155714

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	39.4
88	18.3	0.0	37.6



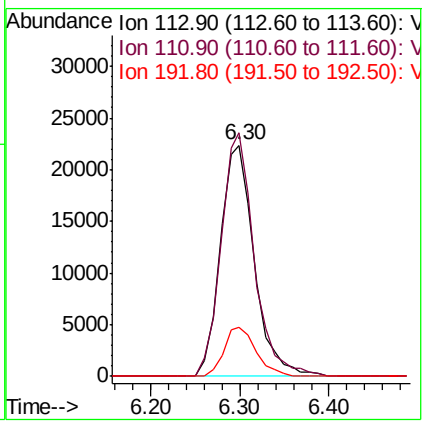


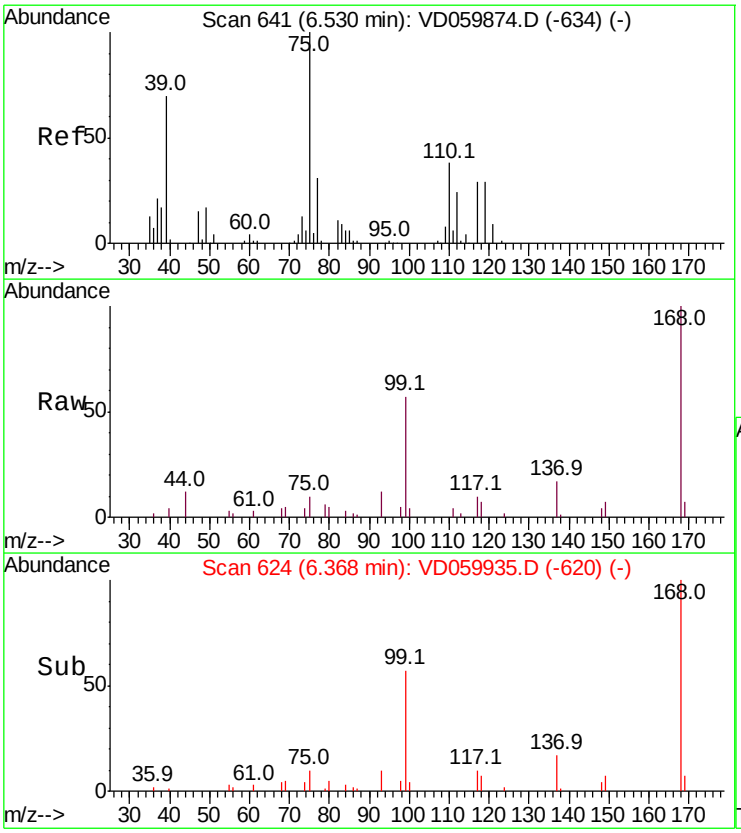
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.30 min Scan# 617
Delta R.T. -0.03 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Instrument :
MSVOA_D
ClientSampleId :
CL-02-082918-A

Tgt Ion:113 Resp: 59531

Ion	Ratio	Lower	Upper
113	100		
111	105.3	81.4	122.2
192	21.1	17.0	25.6

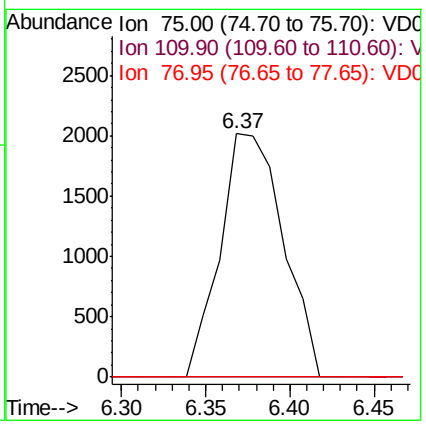


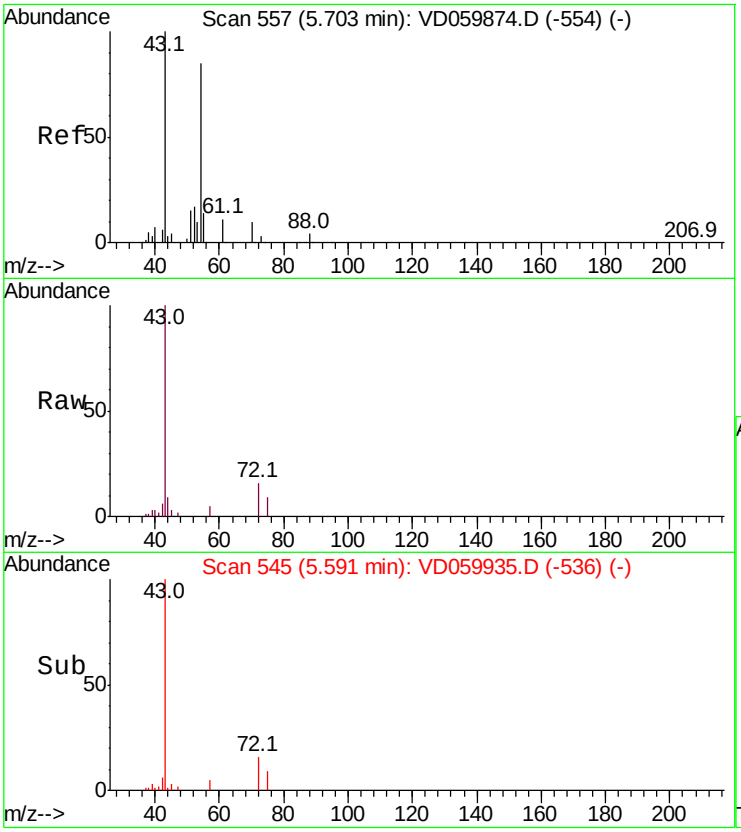


#36
1,1-Dichloropropene
Concen: 3.709 ug/l
RT: 6.37 min Scan# 624
Delta R.T. -0.16 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Tgt Ion: 75 Resp: 5235

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.6	56.0#
77	0.0	25.1	37.7#



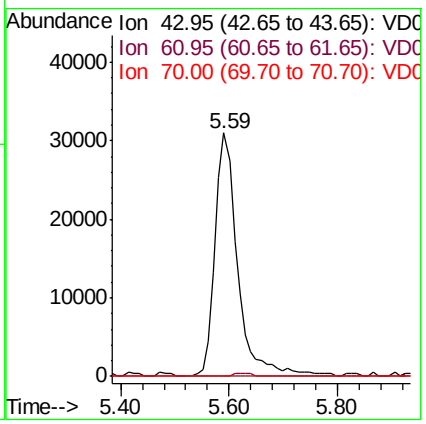


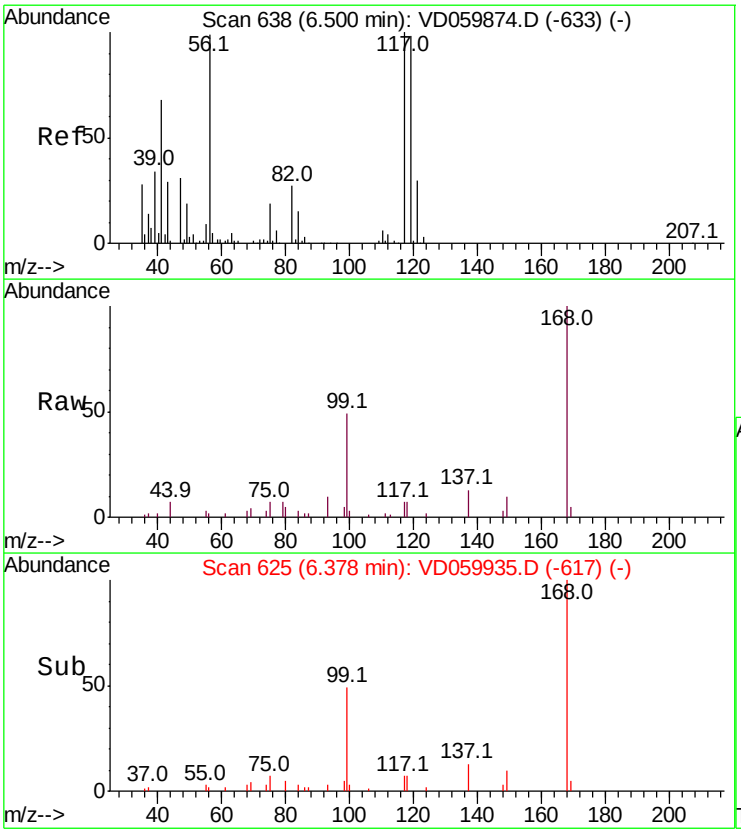
#37
Ethyl Acetate
Concen: 82.103 ug/l
RT: 5.59 min Scan# 545
Delta R.T. -0.11 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Instrument :
MSVOA_D
ClientSampleId :
CL-02-082918-A

Tgt Ion: 43 Resp: 90183

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.6#
70	0.0	5.7	8.5#

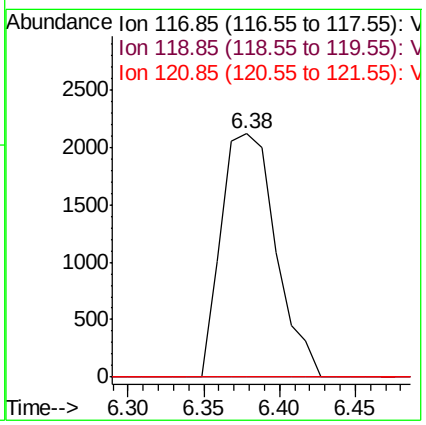


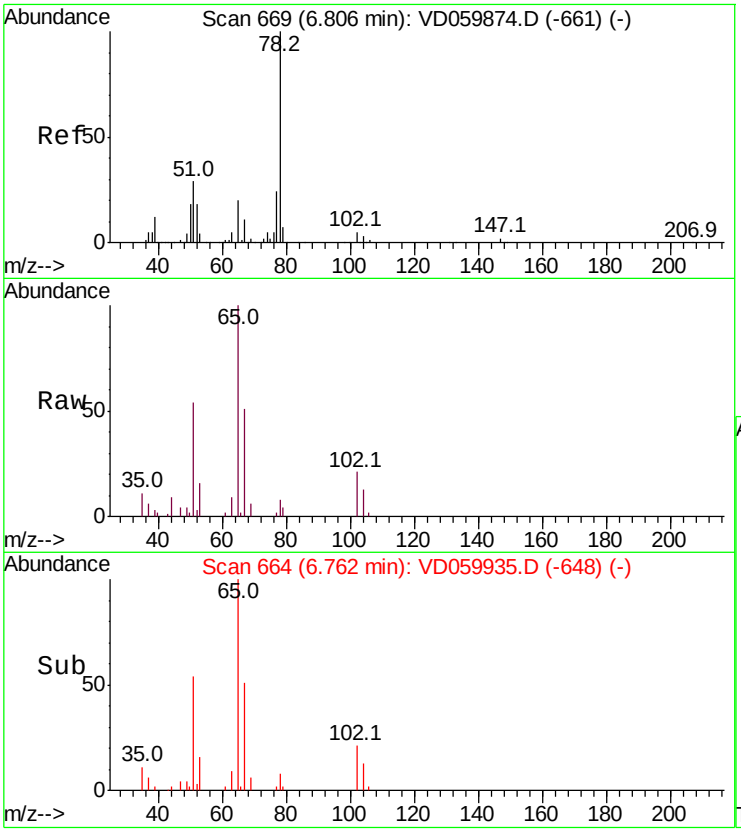


#38
Carbon Tetrachloride
Concen: 3.741 ug/l
RT: 6.38 min Scan# 625
Delta R.T. -0.12 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Tgt Ion:117 Resp: 5329

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.2	115.8#
121	0.0	24.0	36.0#



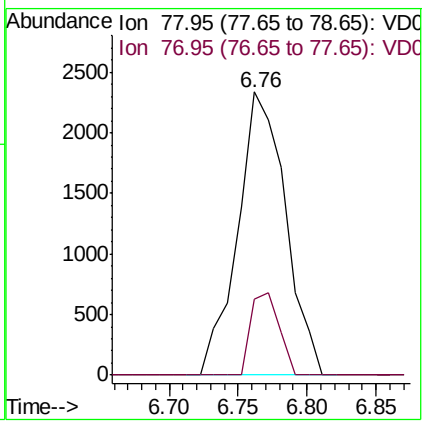


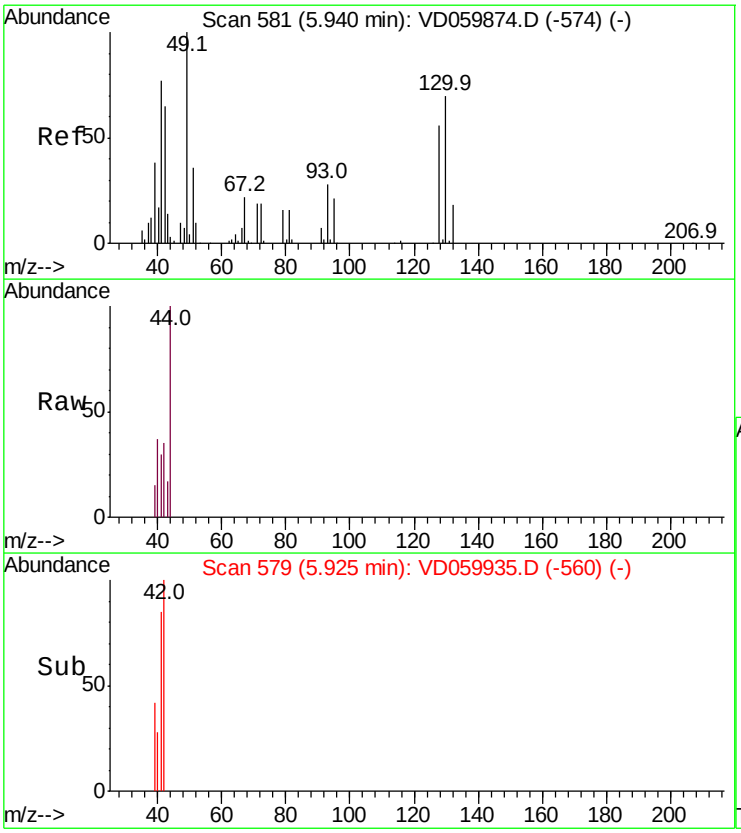
#40
Benzene
Concen: 1.541 ug/l
RT: 6.76 min Scan# 664
Delta R.T. -0.04 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Instrument :
MSVOA_D
ClientSampleId :
CL-02-082918-A

Tgt Ion: 78 Resp: 5655

Ion	Ratio	Lower	Upper
78	100		
77	27.0	19.0	28.4

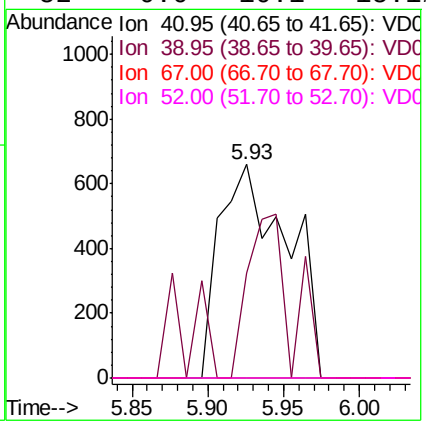


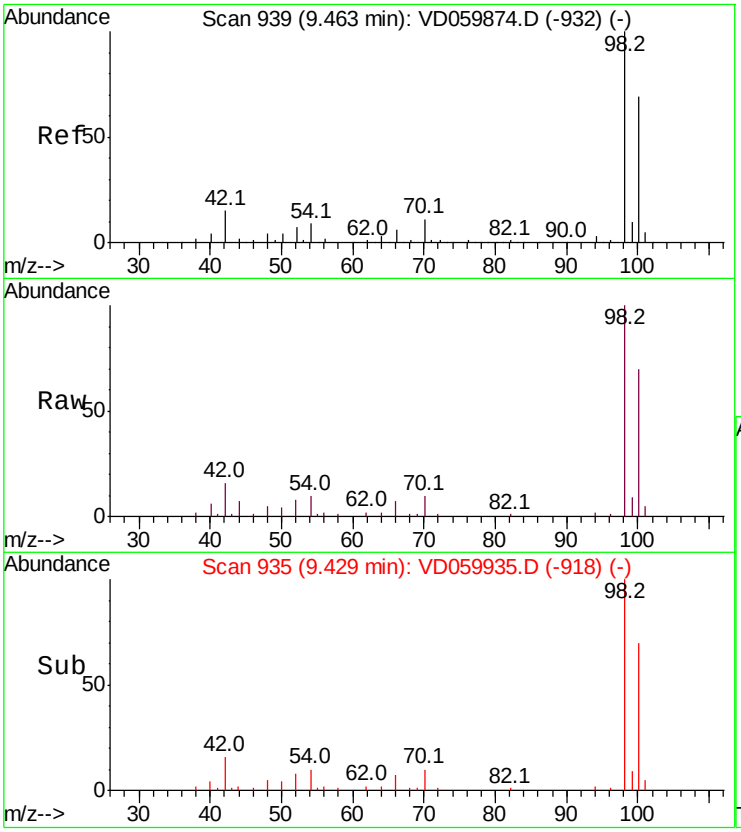


#41
Methacrylonitrile
Concen: 3.743 ug/l
RT: 5.93 min Scan# 579
Delta R.T. -0.01 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Tgt Ion: 41 Resp: 2071

Ion	Ratio	Lower	Upper
41	100		
39	49.2	39.4	59.2
67	0.0	22.2	33.2#
52	0.0	10.1	15.1#

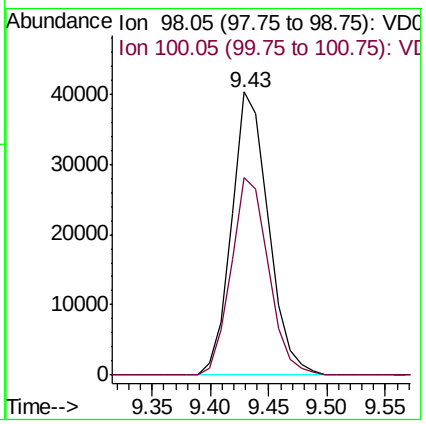




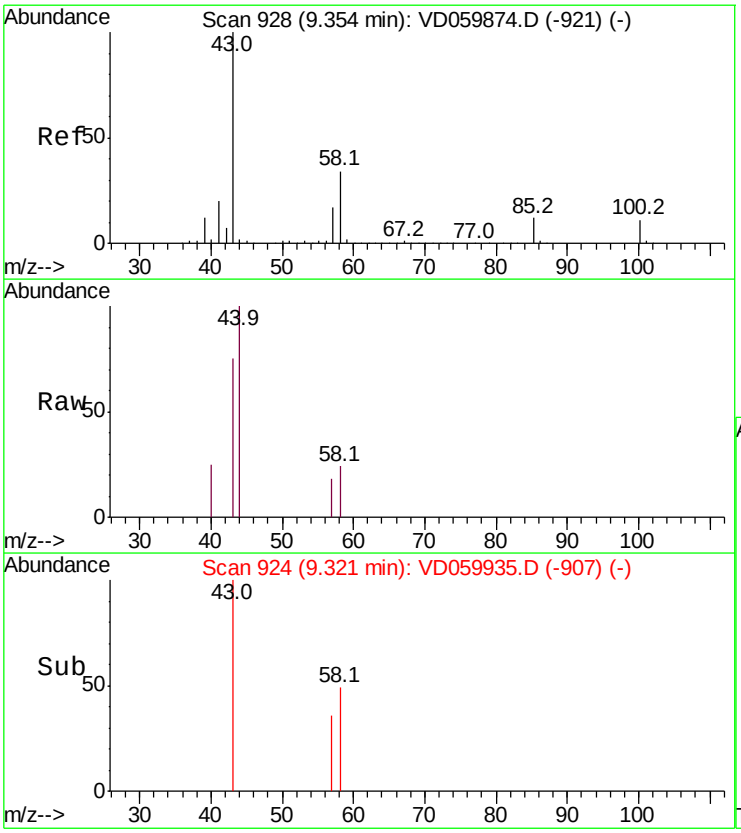
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 935
Delta R.T. -0.03 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Tgt Ion: 98 Resp: 87878

Ion	Ratio	Lower	Upper
98	100		
100	69.6	55.8	83.6



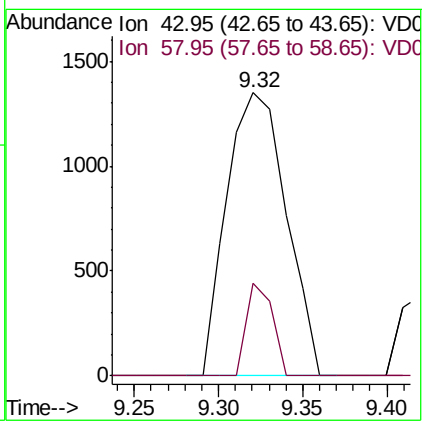
Instrument :
MSVOA_D
ClientSampleId :
CL-02-082918-A

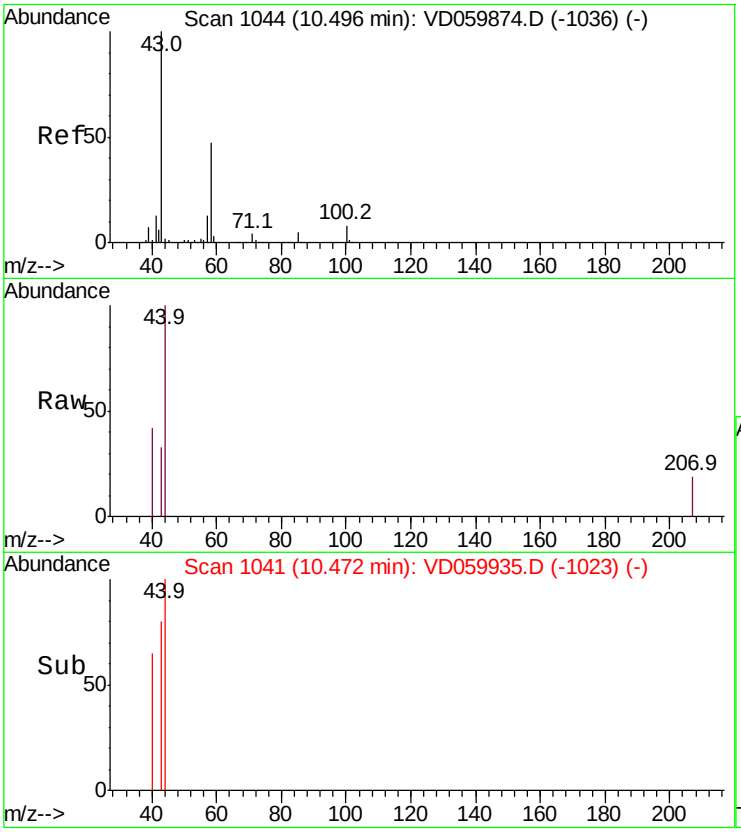


#51
4-Methyl-2-Pentanone
Concen: 3.102 ug/l
RT: 9.32 min Scan# 924
Delta R.T. -0.03 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Tgt Ion: 43 Resp: 3305

Ion	Ratio	Lower	Upper
43	100		
58	32.8	27.0	40.4



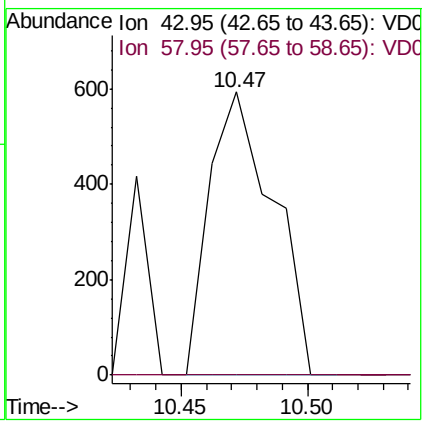


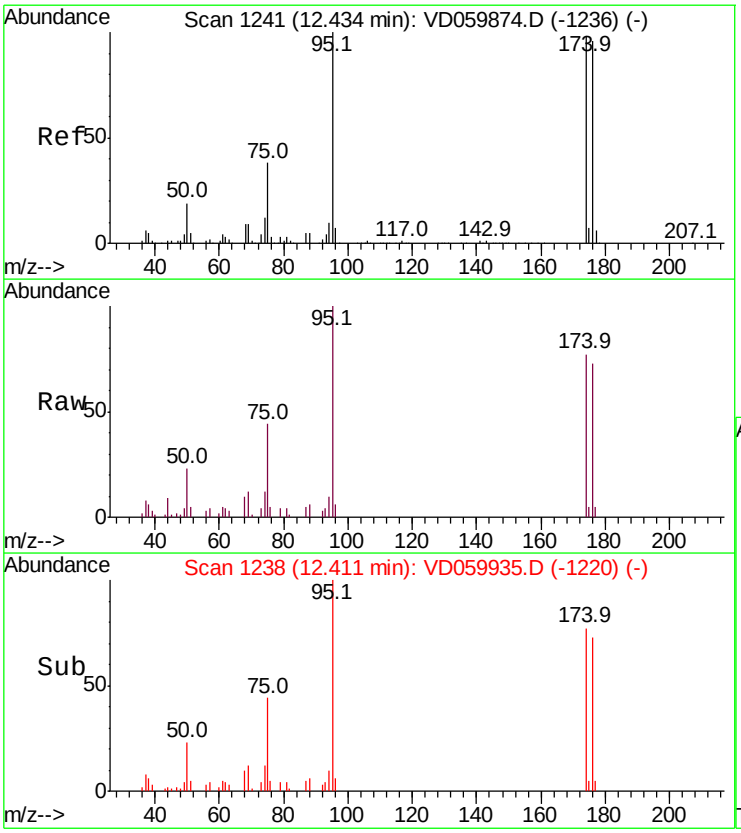
#59
2-Hexanone
Concen: 1.325 ug/l
RT: 10.47 min Scan# 1041
Delta R.T. -0.02 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Instrument :
MSVOA_D
ClientSampleId :
CL-02-082918-A

Tgt Ion: 43 Resp: 1041

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.3	69.8#

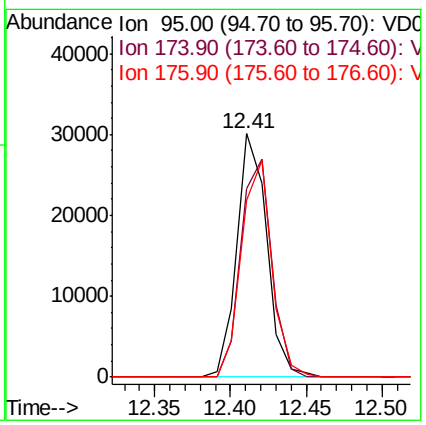


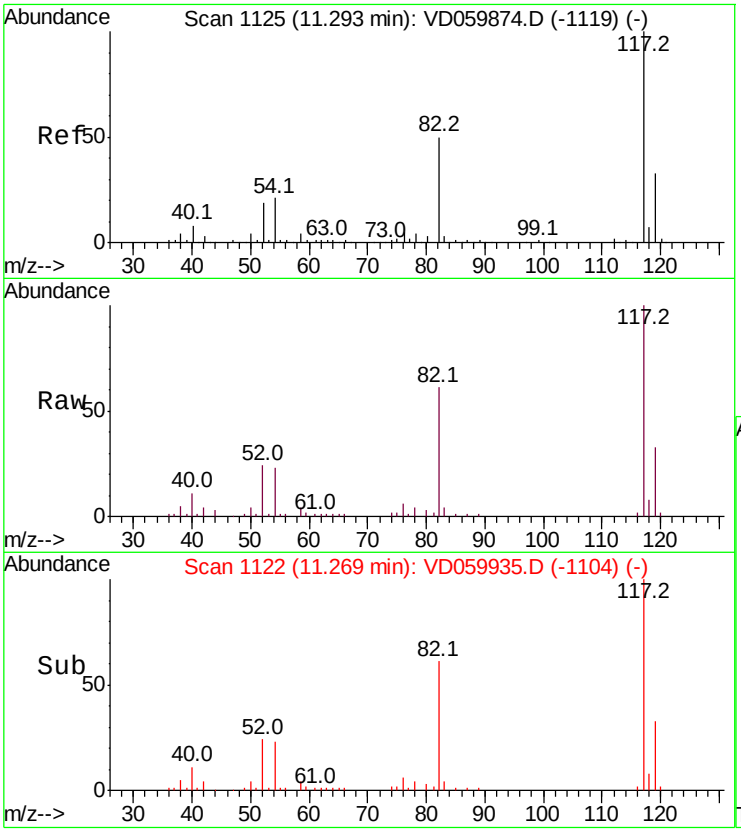


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1238
Delta R.T. -0.02 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Tgt Ion: 95 Resp: 41258

Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	195.6
176	72.8	0.0	191.2



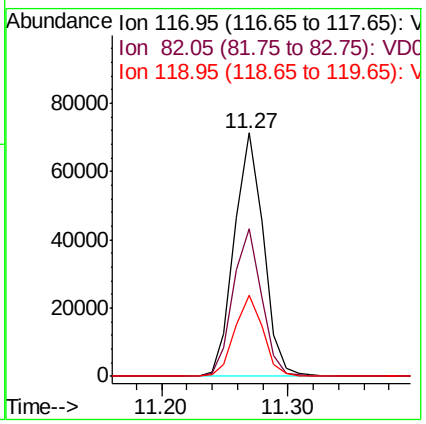


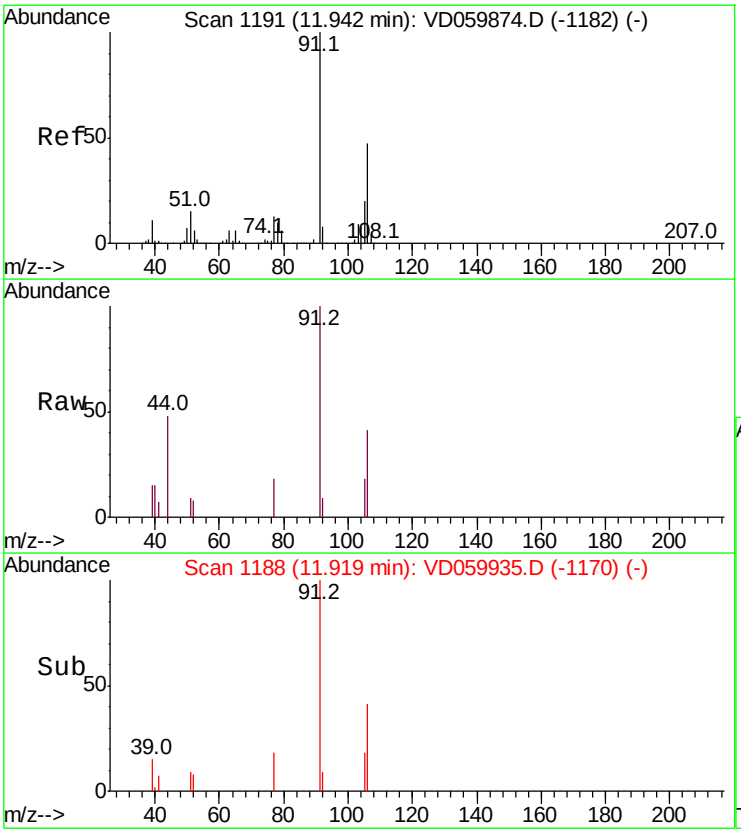
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 1122
Delta R.T. -0.02 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Instrument : MSVOA_D
ClientSampleId : CL-02-082918-A

Tgt Ion:117 Resp: 113895

Ion	Ratio	Lower	Upper
117	100		
82	60.7	40.1	60.1#
119	33.2	26.7	40.1

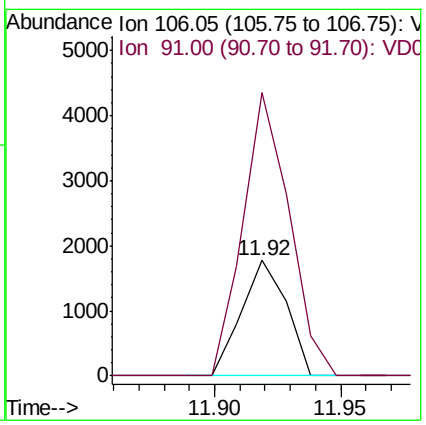


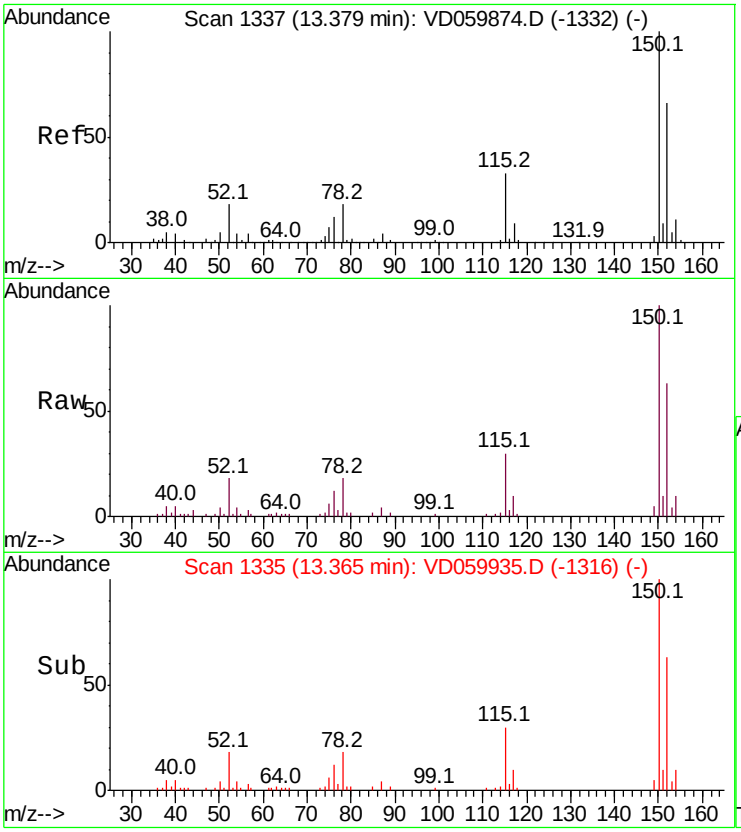


#69
o-Xylene
Concen: 1.614 ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.02 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Tgt Ion:106 Resp: 2188

Ion	Ratio	Lower	Upper
106	100		
91	245.6	107.3	322.0



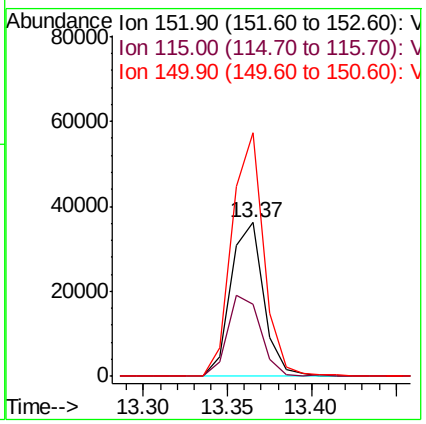


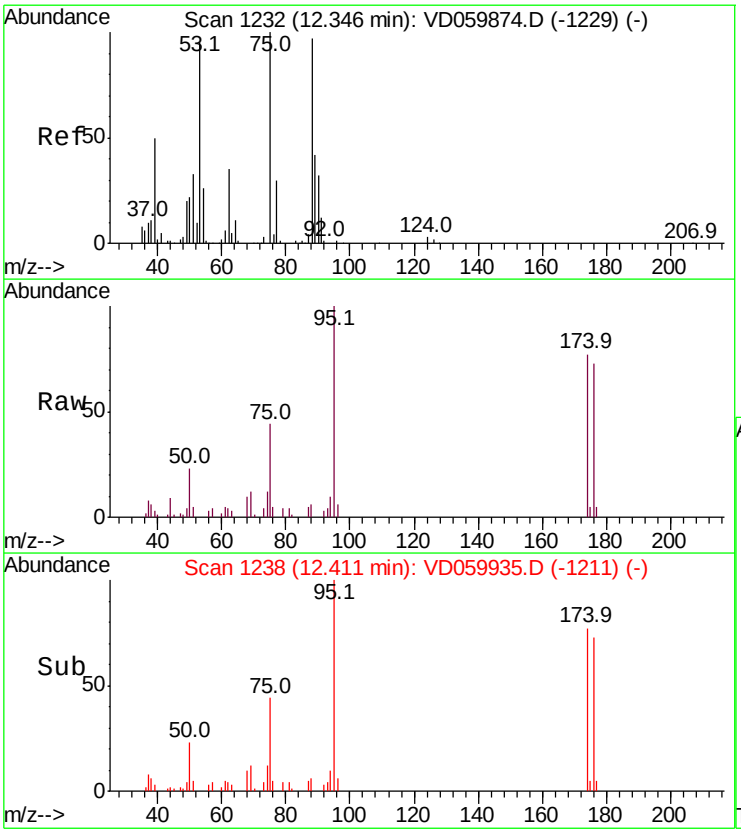
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1335
Delta R.T. -0.01 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Instrument : MSVOA_D
ClientSampleId : CL-02-082918-A

Tgt Ion:152 Resp: 49018

Ion	Ratio	Lower	Upper
152	100		
115	47.3	25.7	77.0
150	158.4	0.0	310.2

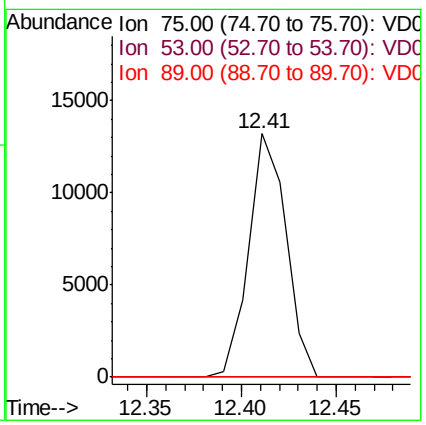


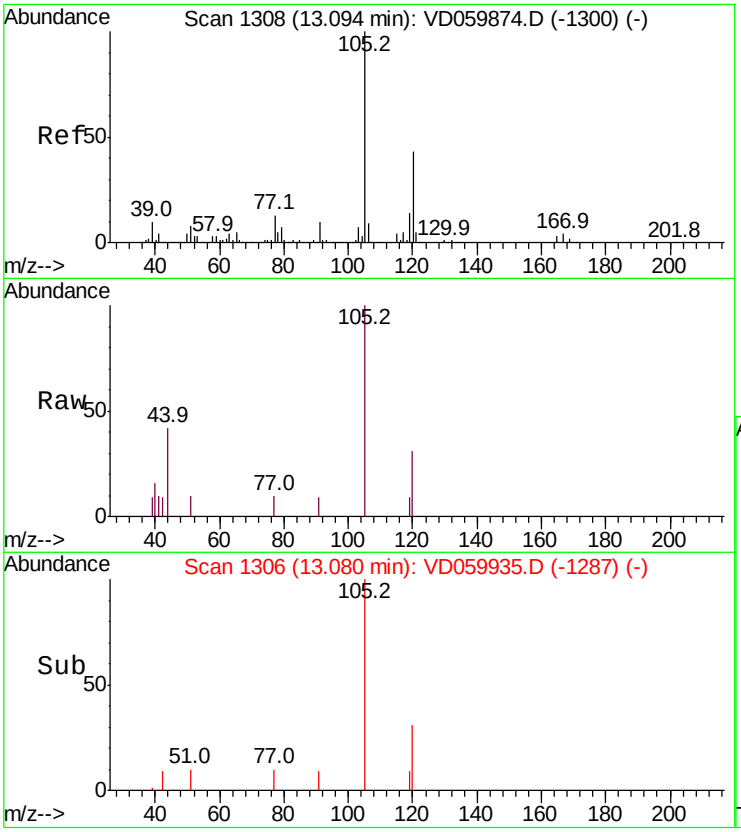


#81
trans-1,4-Dichloro-2-butene
Concen: 76.465 ug/l
RT: 12.41 min Scan# 1238
Delta R.T. 0.06 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Tgt Ion: 75 Resp: 18121

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.8	113.6#
89	0.0	33.6	50.4#



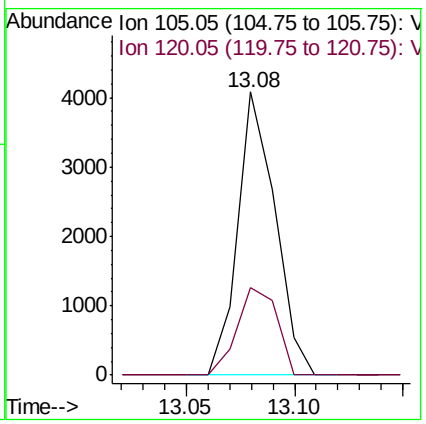


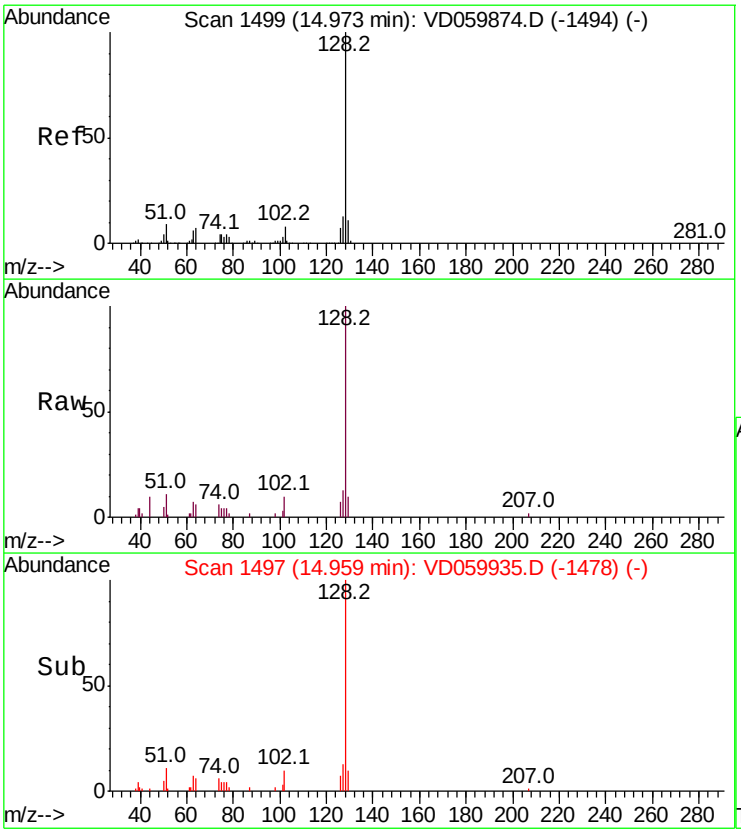
#84
1,2,4-Trimethylbenzene
Concen: 1.888 ug/l
RT: 13.08 min Scan# 1306
Delta R.T. -0.01 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Instrument :
MSVOA_D
ClientSampleId :
CL-02-082918-A

Tgt Ion:105 Resp: 4895

Ion	Ratio	Lower	Upper
105	100		
120	31.0	21.8	65.3





#95
Naphthalene
Concen: 19.068 ug/l
RT: 14.96 min Scan# 1497
Delta R.T. -0.01 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Tgt Ion:128 Resp: 32857

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.0	15.0
129	10.1	8.6	13.0