Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062218\
Data File : VD058321.D
Acq On : 23 Jun 2018 4:44
Operator : VA/AP
Sample : J3622-04RE
Misc : 4.59g/5ml/MSVOA_D/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SP-ARE

Quant Time: Jun 25 00:54:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	47813	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	92598	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	92779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	51688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	64587	133.74	ug/l	0.02
Spiked Amount 50.000			Recovery = 267.48%			
35) Dibromofluoromethane	5.57	113	47530	63.07	ug/l	0.02
Spiked Amount 50.000			Recovery = 126.14%			
50) Toluene-d8	8.72	98	84924	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.16%			
62) 4-Bromofluorobenzene	11.94	95	49129	65.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 131.92%			
Target Compounds						Qvalue
5) Bromomethane	1.80	94	441	4.217	ug/l #	3
15) Acrylonitrile	3.39	53	389	9.210	ug/l #	14
16) Acetone	2.63	43	37941	574.457	ug/l	97
18) Methyl Acetate	2.93	43	2213	15.711	ug/l #	65
20) Methylene Chloride	3.08	84	2324	9.631	ug/l #	72
25) 2-Butanone	4.84	43	1125	7.815	ug/l #	60
29) Tetrahydrofuran	5.20	42	742	9.684	ug/l #	37
30) Chloroform	5.34	83	2044	2.367	ug/l	84
31) Cyclohexane	5.65	56	538	Below Cal	#	35
36) 1,1-Dichloropropene	5.66	75	4336	4.733	ug/l #	43
37) Ethyl Acetate	4.94	43	698	1.337	ug/l #	72
38) Carbon Tetrachloride	5.65	117	4056	4.456	ug/l #	11
51) 4-Methyl-2-Pentanone	8.59	43	1417	3.122	ug/l #	41
59) 2-Hexanone	9.80	43	496	1.512	ug/l #	61
81) trans-1,4-Dichloro-2-buten	11.94	75	23189	125.989	ug/l #	1
82) 4-Chlorotoluene	12.32	91	611	Below Cal	#	45

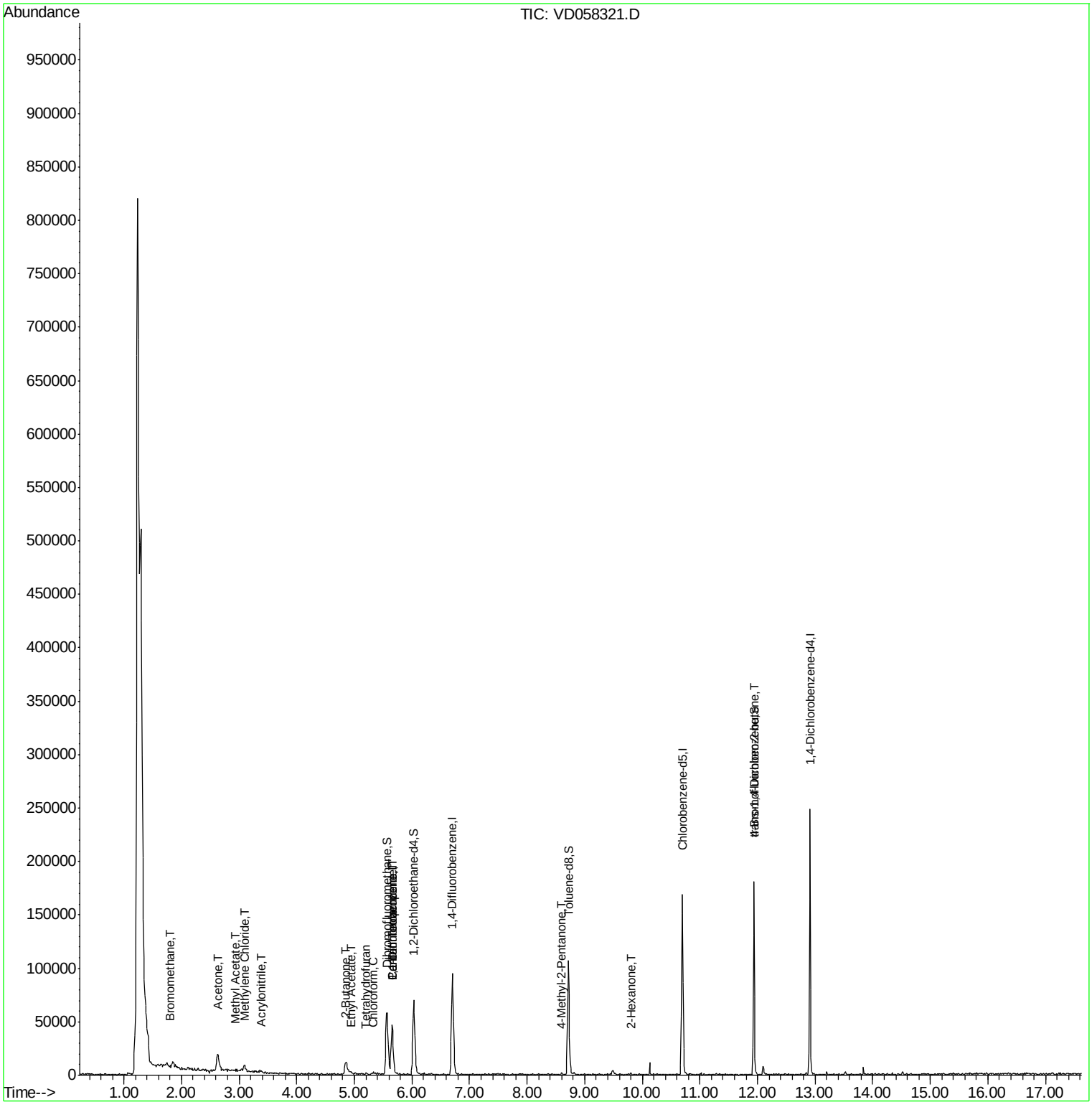
(#) = qualifier out of range (m) = manual integration (+) = signals summed

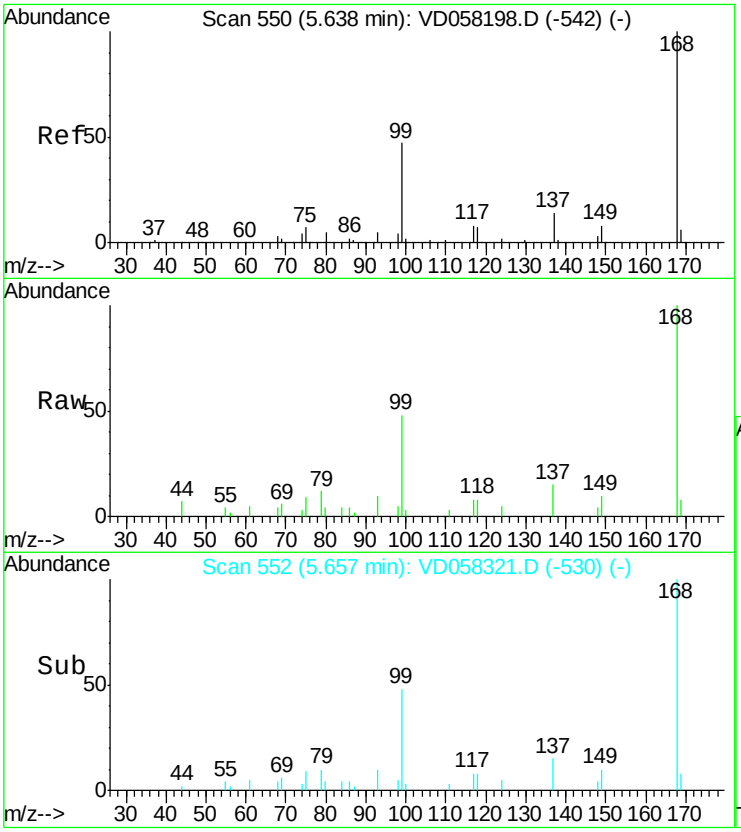
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
Data File : VD058321.D
Acq On : 23 Jun 2018 4:44
Operator : VA/AP
Sample : J3622-04RE
Misc : 4.59g/5ml/MSVOA D/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SP-ARE

Quant Time: Jun 25 00:54:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration



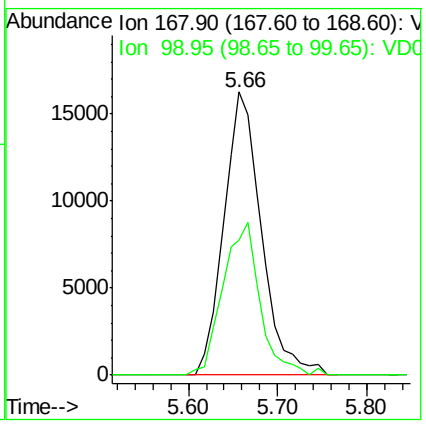


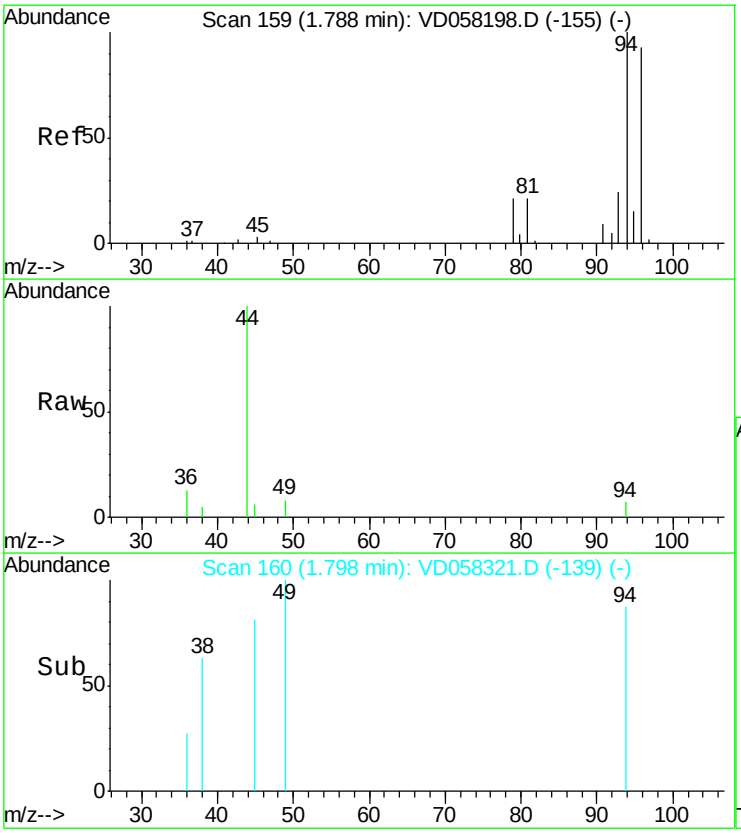
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 552
Delta R.T. 0.02 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Instrument :
MSVOA_D
ClientSampleId :
SP-ARE

Tgt Ion:168 Resp: 47813

Ion	Ratio	Lower	Upper
168	100		
99	47.7	41.1	61.7

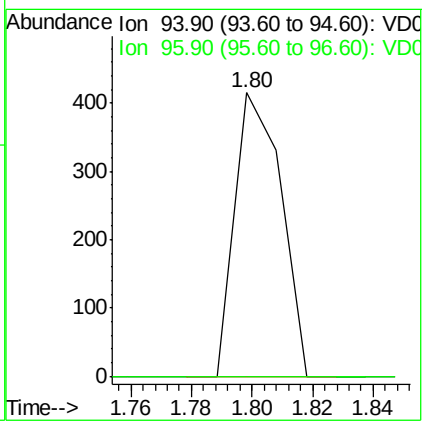


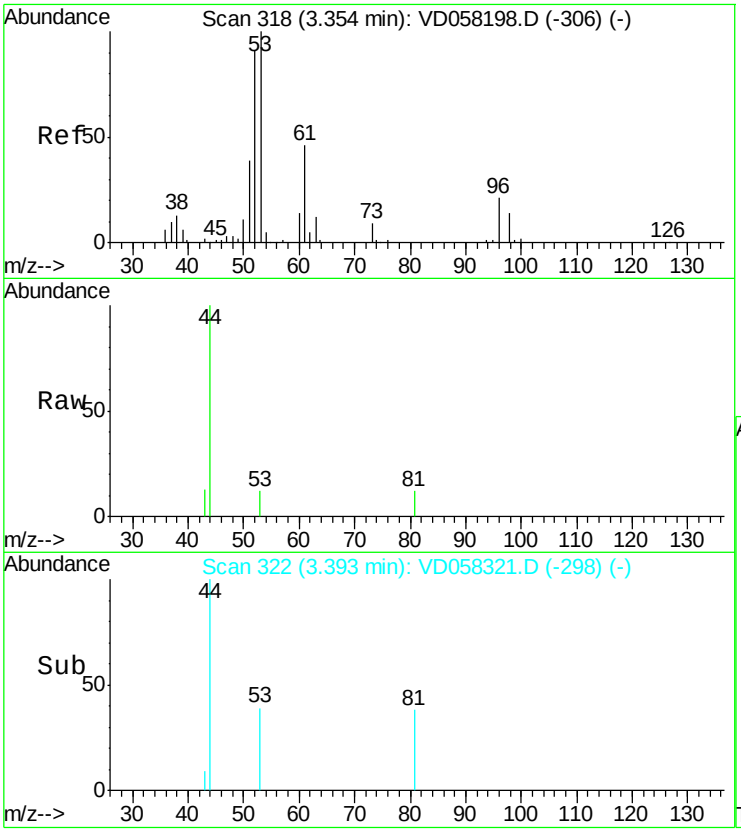


#5
Bromomethane
Concen: 4.217 ug/l
RT: 1.80 min Scan# 160
Delta R.T. 0.01 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Tgt Ion: 94 Resp: 441

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.2	111.2#



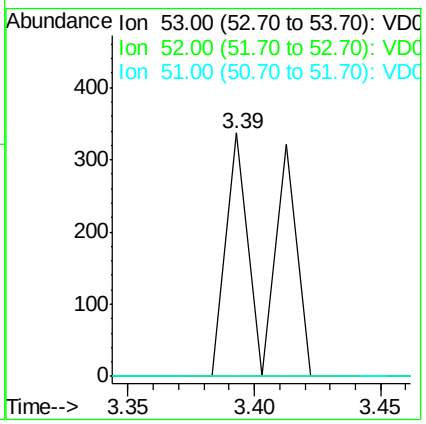


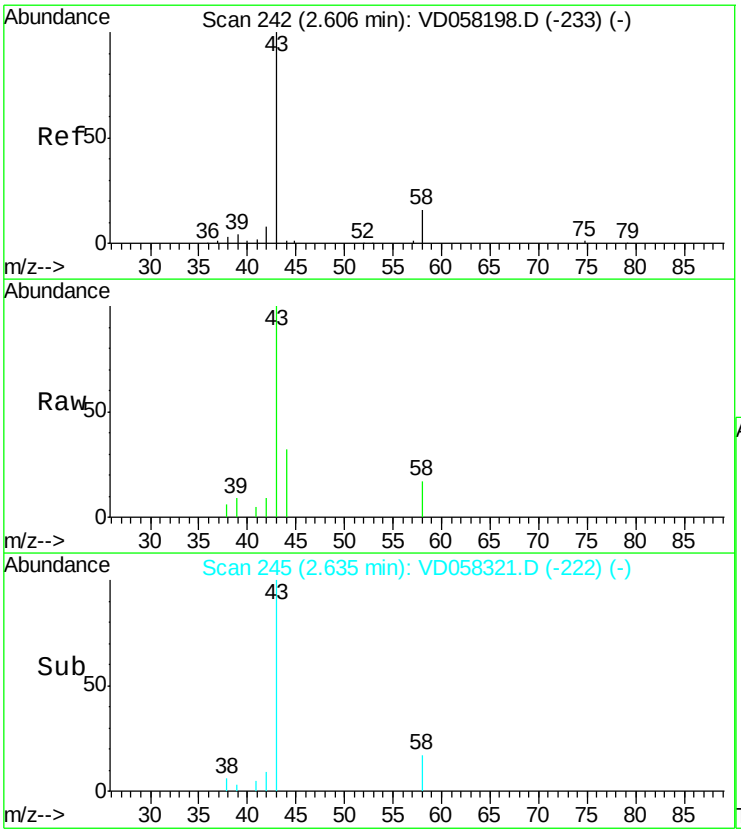
#15
Acrylonitrile
Concen: 9.210 ug/l
RT: 3.39 min Scan# 322
Delta R.T. 0.04 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Instrument :
MSVOA_D
ClientSampleId :
SP-ARE

Tgt Ion: 53 Resp: 389

Ion	Ratio	Lower	Upper
53	100		
52	0.0	72.6	108.8#
51	0.0	32.2	48.4#

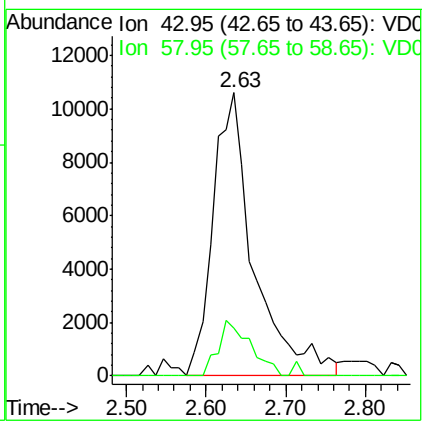


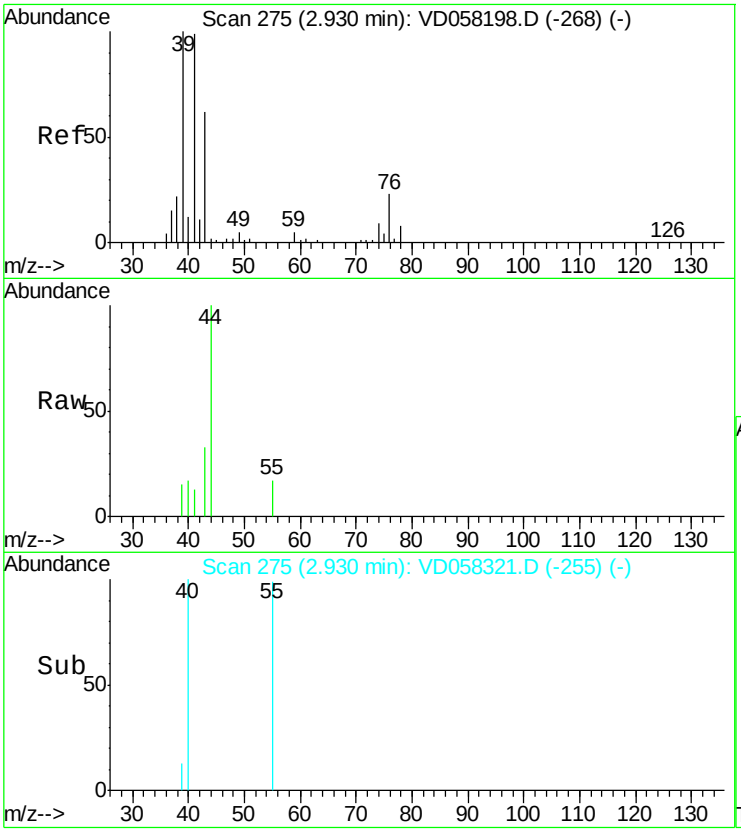


#16
Acetone
Concen: 574.457 ug/l
RT: 2.63 min Scan# 245
Delta R.T. 0.03 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Tgt Ion: 43 Resp: 37941

Ion	Ratio	Lower	Upper
43	100		
58	17.0	12.7	19.1



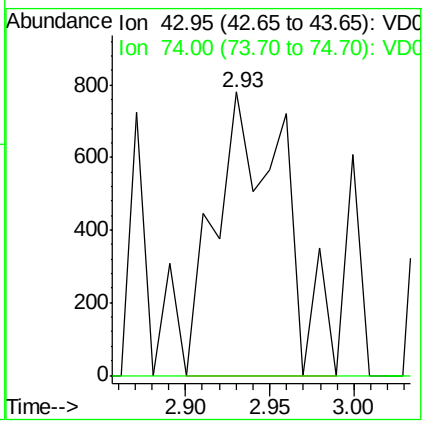


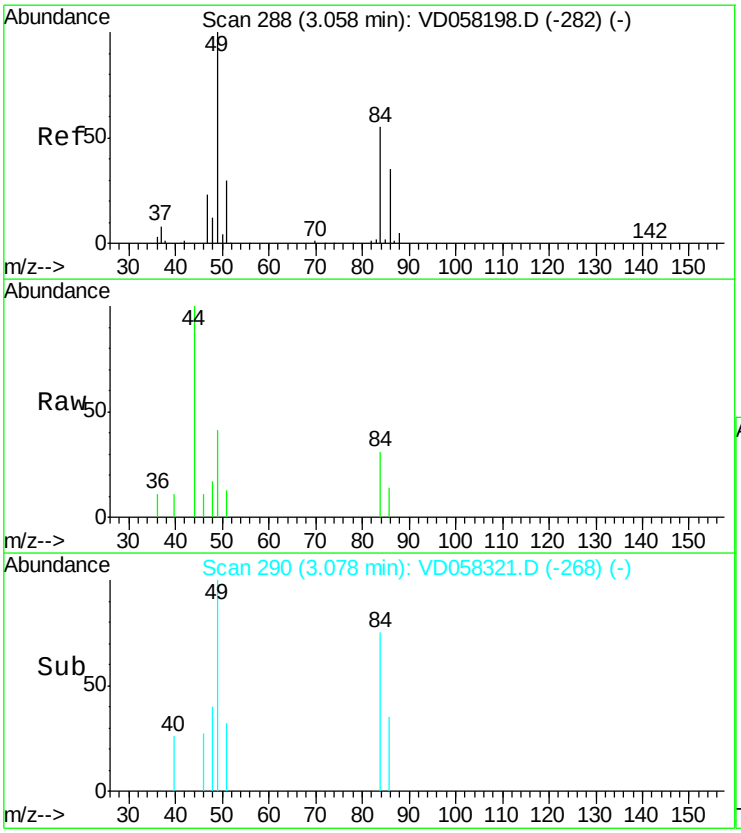
#18
Methyl Acetate
Concen: 15.711 ug/l
RT: 2.93 min Scan# 275
Delta R.T. -0.00 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Instrument : MSVOA_D
ClientSampleId : SP-ARE

Tgt Ion: 43 Resp: 2213

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.7	17.5#

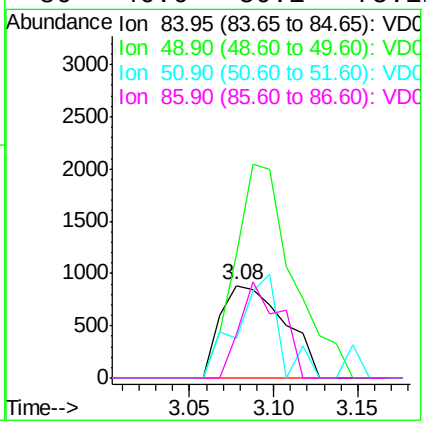


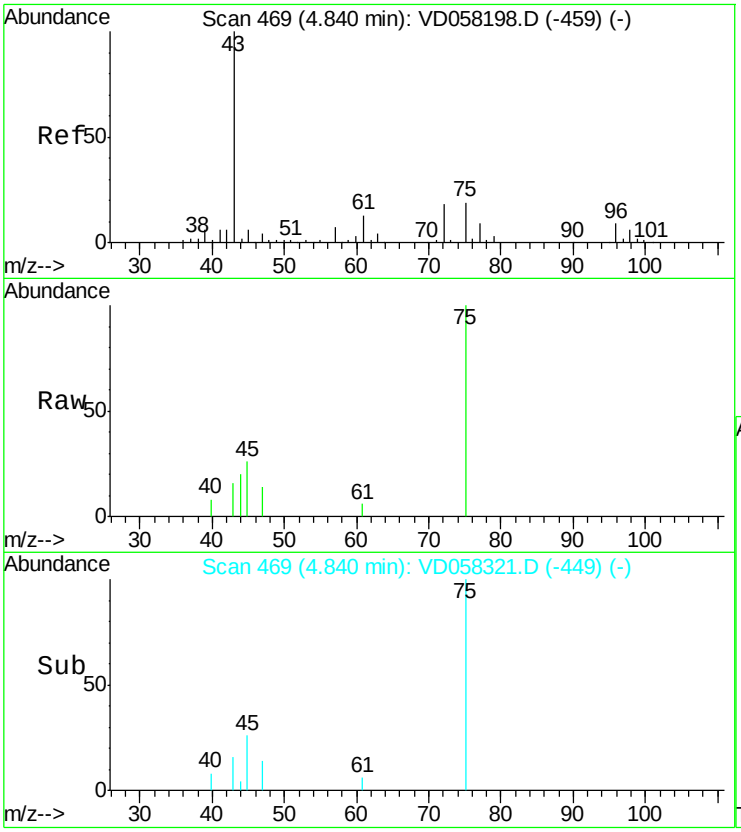


#20
Methylene Chloride
Concen: 9.631 ug/l
RT: 3.08 min Scan# 290
Delta R.T. 0.02 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Tgt Ion: 84 Resp: 2324

Ion	Ratio	Lower	Upper
84	100		
49	132.7	145.0	217.6#
51	42.9	42.9	64.3#
86	46.6	50.1	75.1#



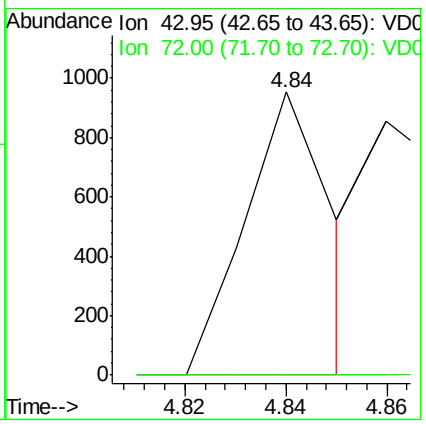


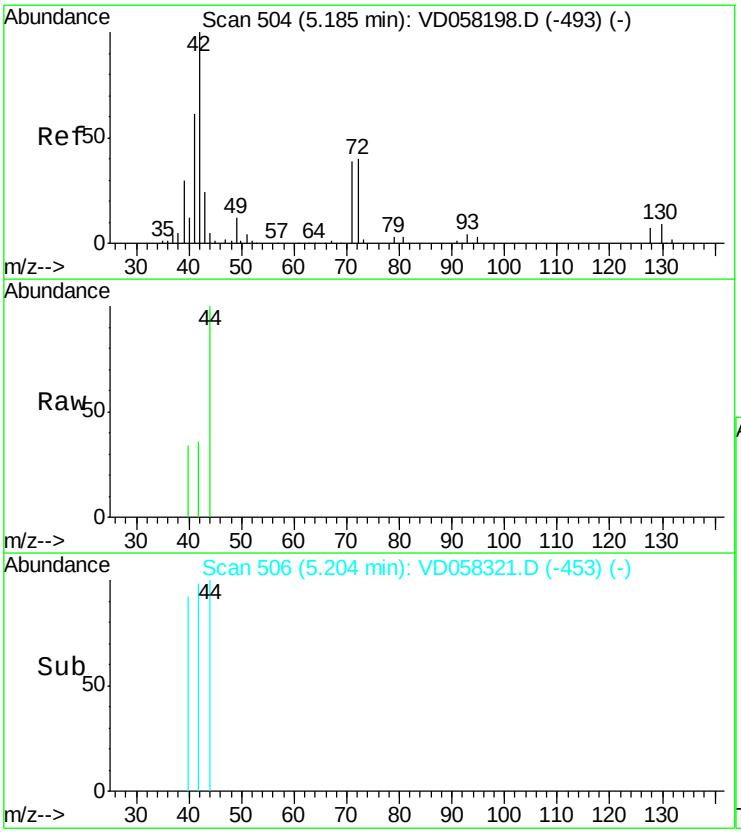
#25
2-Butanone
Concen: 7.815 ug/l
RT: 4.84 min Scan# 469
Delta R.T. -0.00 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Instrument : MSVOA_D
ClientSampleId : SP-ARE

Tgt Ion: 43 Resp: 1125

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.1	21.1#

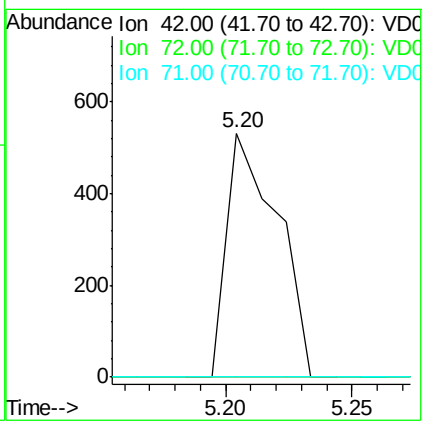


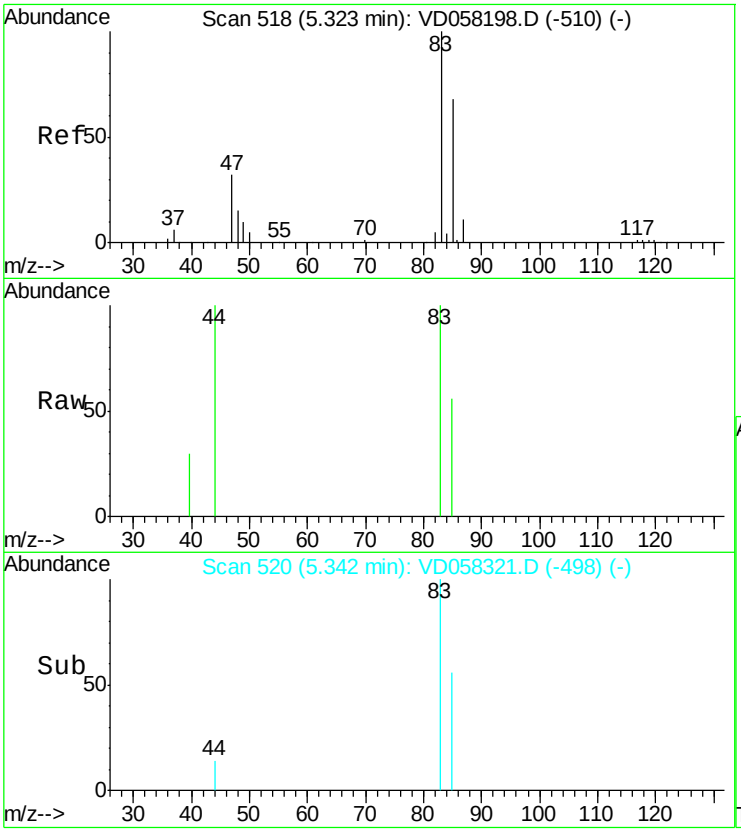


#29
Tetrahydrofuran
Concen: 9.684 ug/l
RT: 5.20 min Scan# 506
Delta R.T. 0.02 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Tgt Ion: 42 Resp: 742

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.2	45.2#
71	0.0	30.1	45.1#



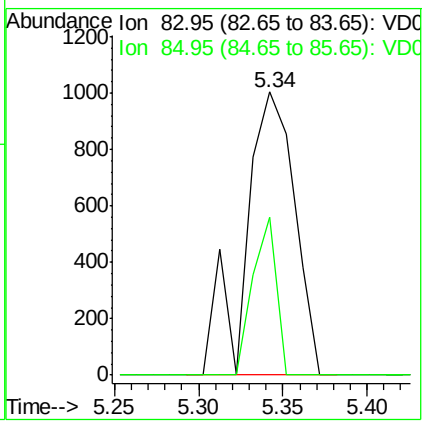


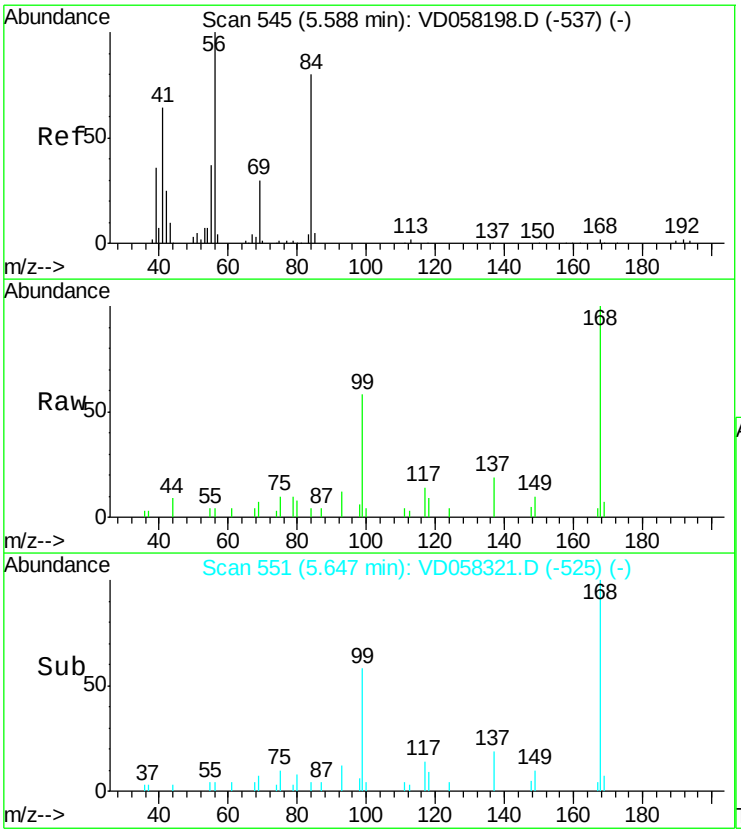
#30
Chloroform
Concen: 2.367 ug/l
RT: 5.34 min Scan# 520
Delta R.T. 0.02 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Instrument : MSVOA_D
ClientSampleId : SP-ARE

Tgt Ion: 83 Resp: 2044

Ion	Ratio	Lower	Upper
83	100		
85	55.6	54.8	82.2

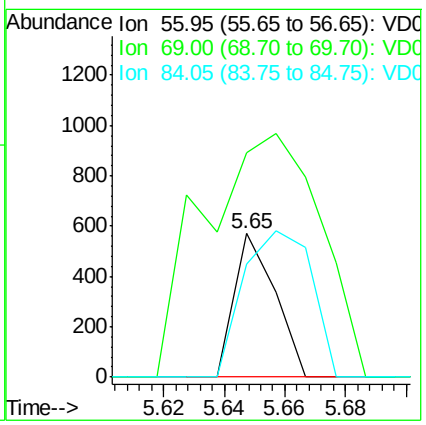


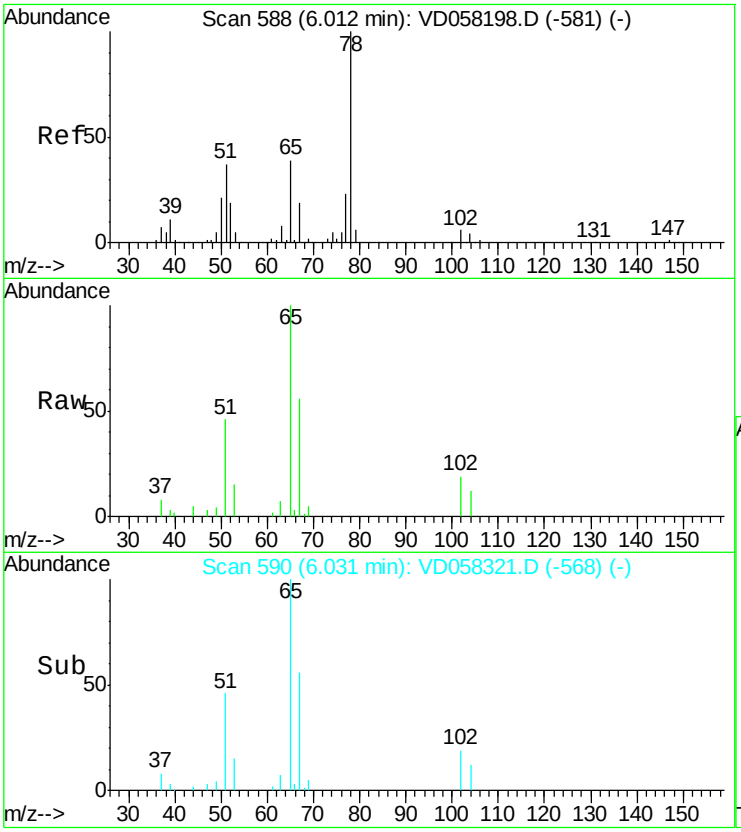


#31
Cyclohexane
Concen: Below Cal
RT: 5.65 min Scan# 551
Delta R.T. 0.06 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Tgt Ion: 56 Resp: 538

Ion	Ratio	Lower	Upper
56	100		
69	156.1	23.6	35.4#
84	79.1	65.2	97.8



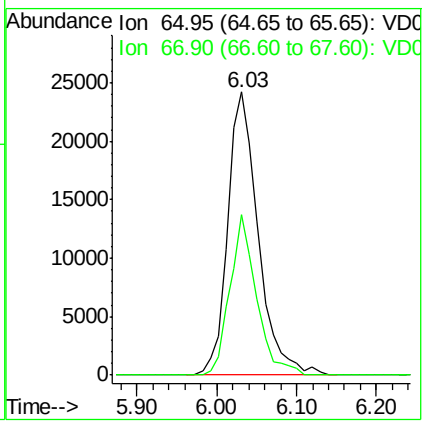


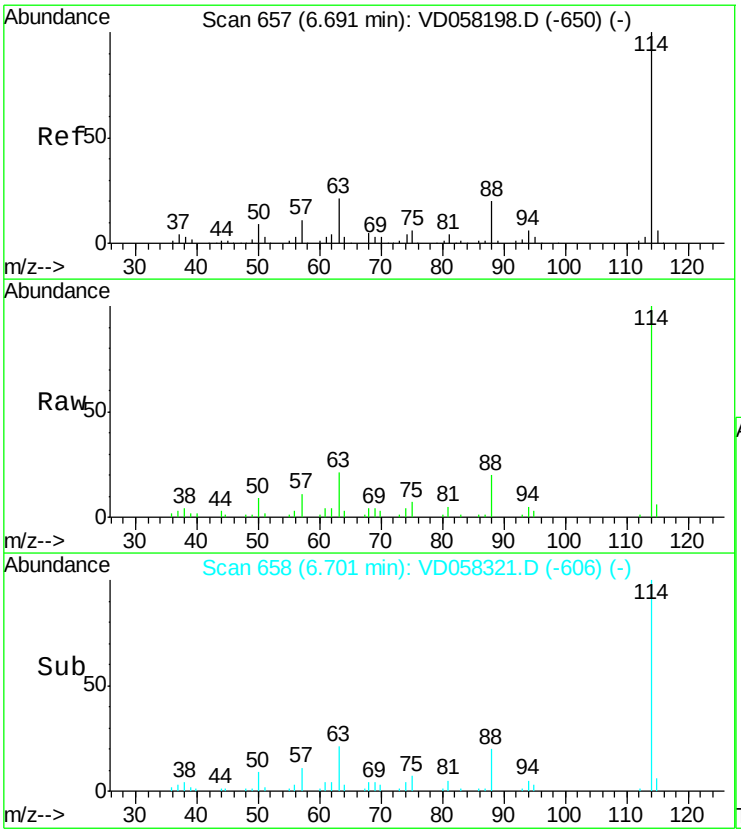
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.03 min Scan# 590
Delta R.T. 0.02 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Instrument : MSVOA_D
ClientSampleId : SP-ARE

Tgt Ion: 65 Resp: 64587

Ion	Ratio	Lower	Upper
65	100		
67	56.5	0.0	97.8

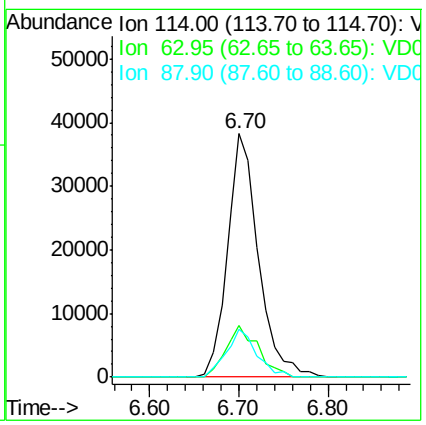


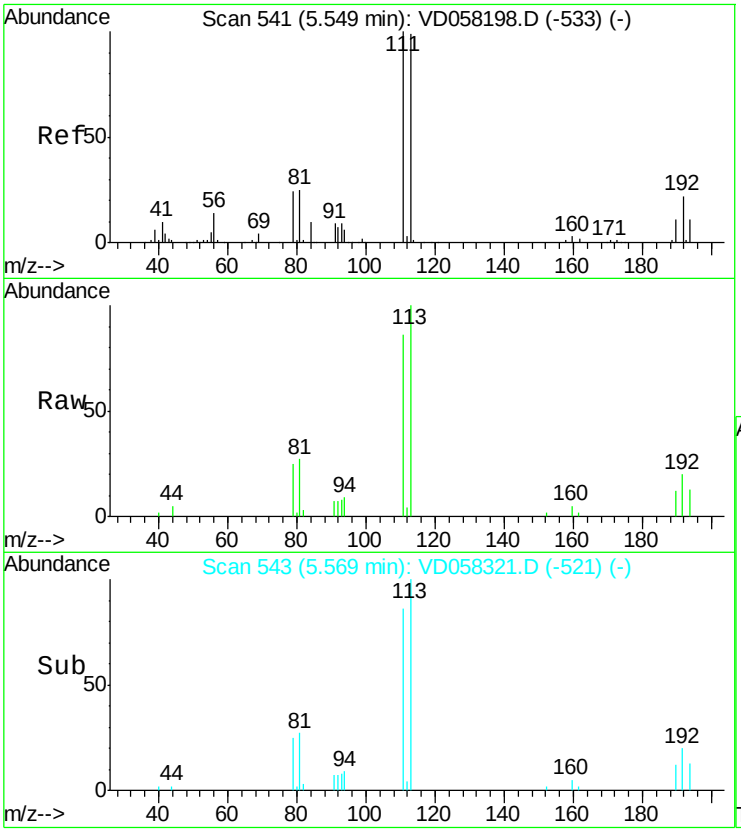


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.70 min Scan# 658
Delta R.T. 0.01 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Tgt Ion:114 Resp: 92598

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.6
88	19.8	0.0	40.6



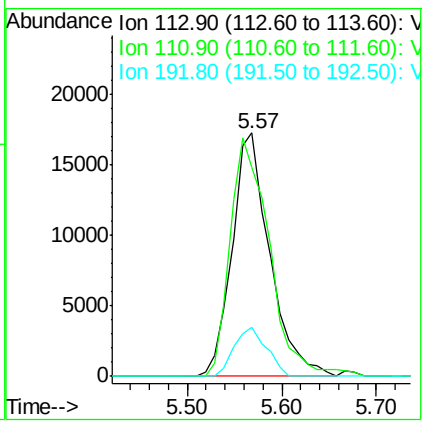


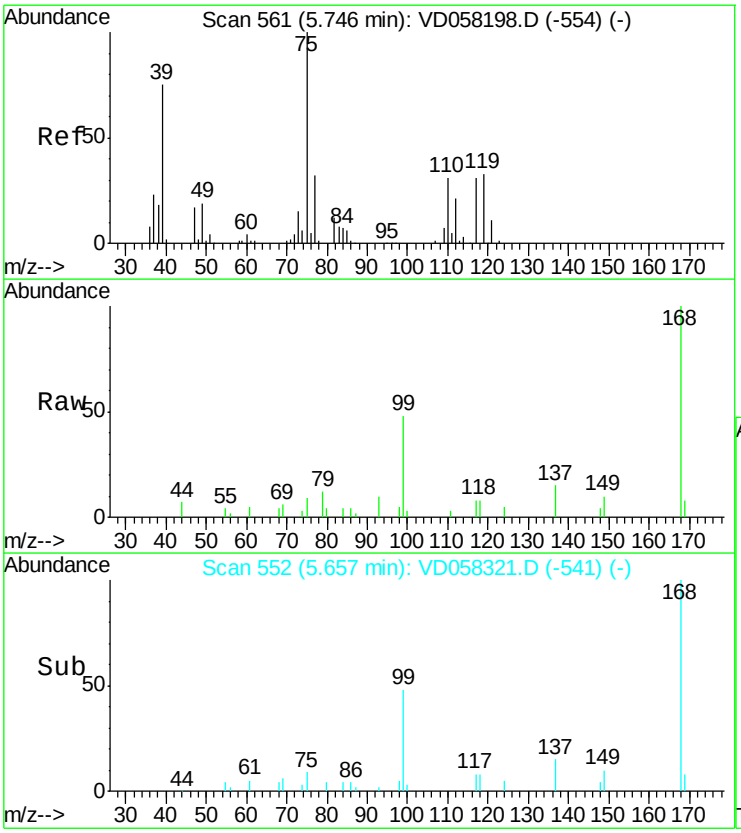
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.57 min Scan# 543
Delta R.T. 0.02 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Instrument :
MSVOA_D
ClientSampleId :
SP-ARE

Tgt Ion:113 Resp: 47530

Ion	Ratio	Lower	Upper
113	100		
111	86.0	80.6	121.0
192	20.4	17.8	26.6

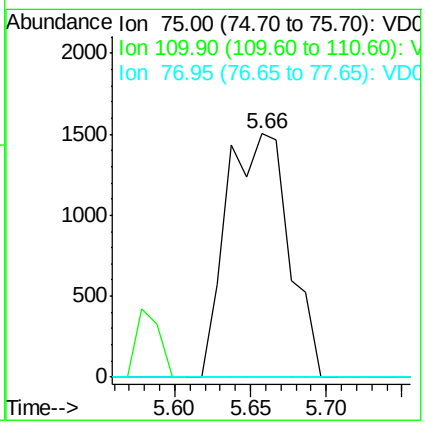


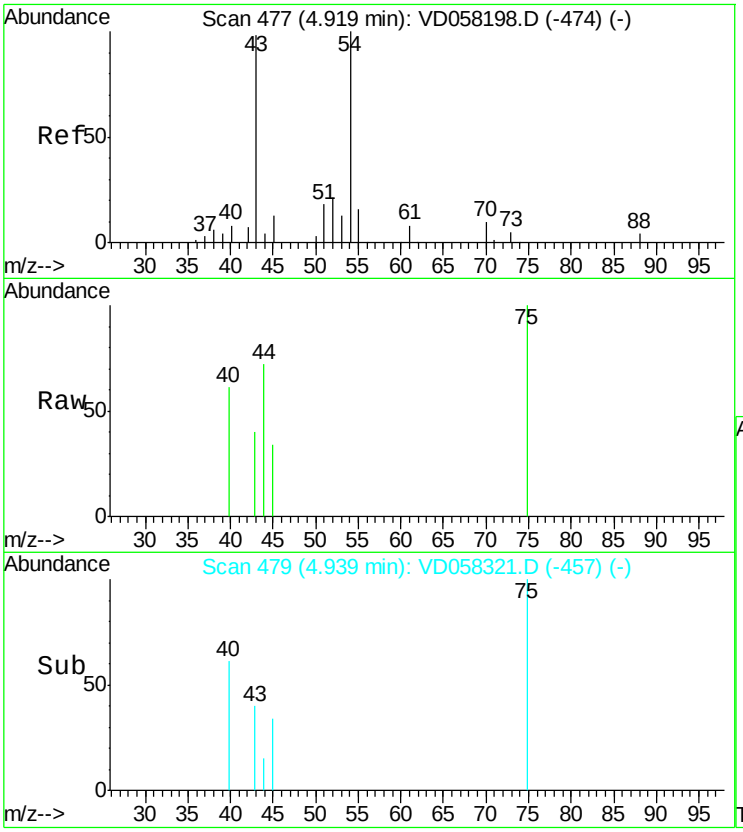


#36
1,1-Dichloropropene
Concen: 4.733 ug/l
RT: 5.66 min Scan# 552
Delta R.T. -0.09 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Tgt Ion: 75 Resp: 4336

Ion	Ratio	Lower	Upper
75	100		
110	0.0	15.4	46.4#
77	0.0	25.4	38.2#



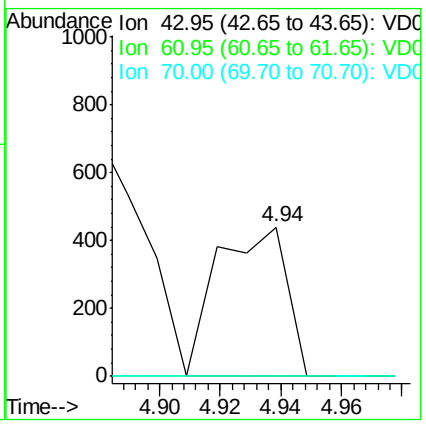


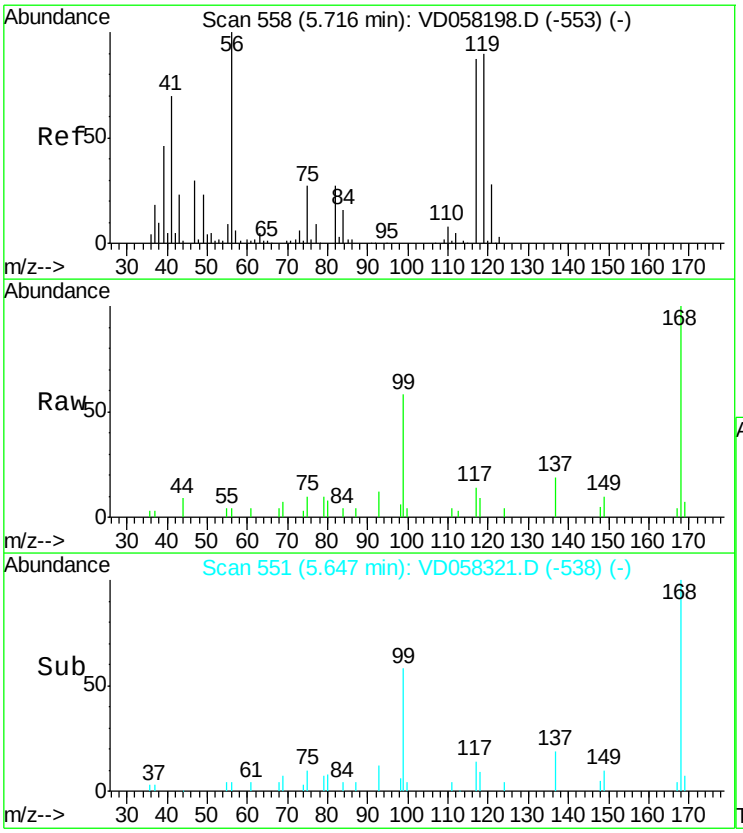
#37
Ethyl Acetate
Concen: 1.337 ug/l
RT: 4.94 min Scan# 479
Delta R.T. 0.02 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Instrument :
MSVOA_D
ClientSampleId :
SP-ARE

Tgt Ion: 43 Resp: 698

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.3	15.5#
70	0.0	5.7	8.5#

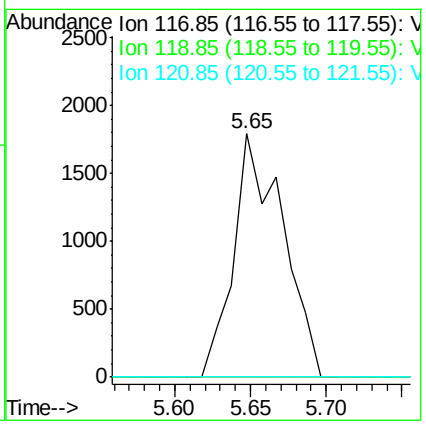


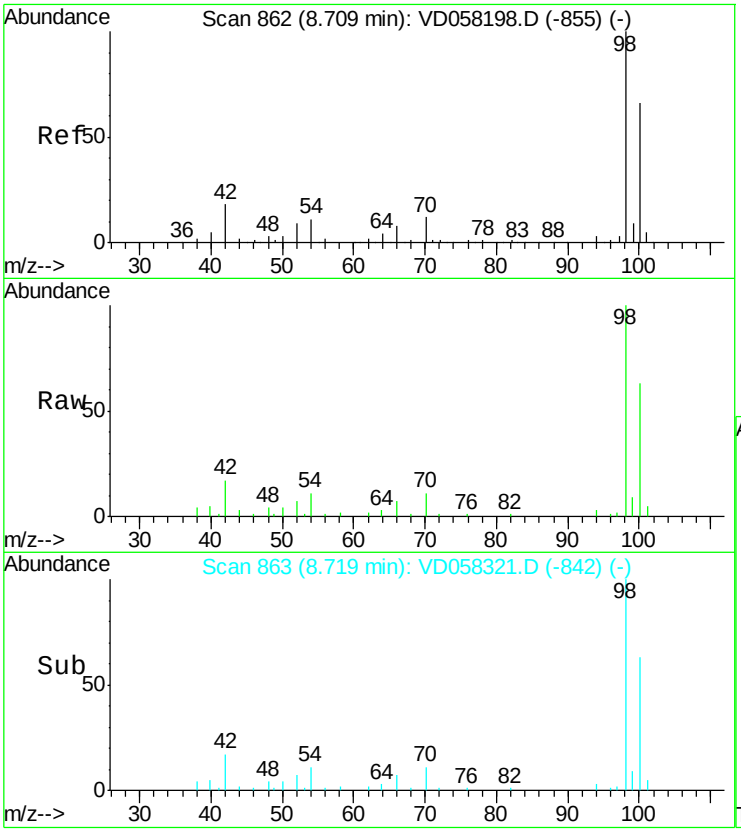


#38
Carbon Tetrachloride
Concen: 4.456 ug/l
RT: 5.65 min Scan# 551
Delta R.T. -0.07 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Tgt Ion:117 Resp: 4056

Ion	Ratio	Lower	Upper
117	100		
119	0.0	78.8	118.2#
121	0.0	25.0	37.6#



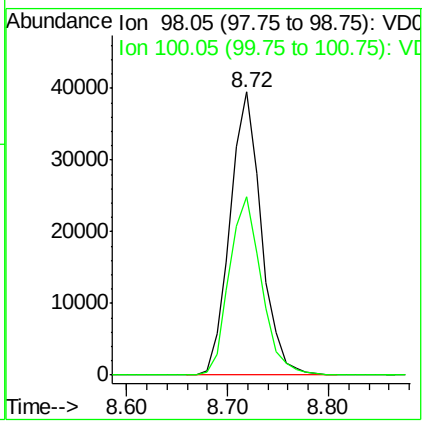


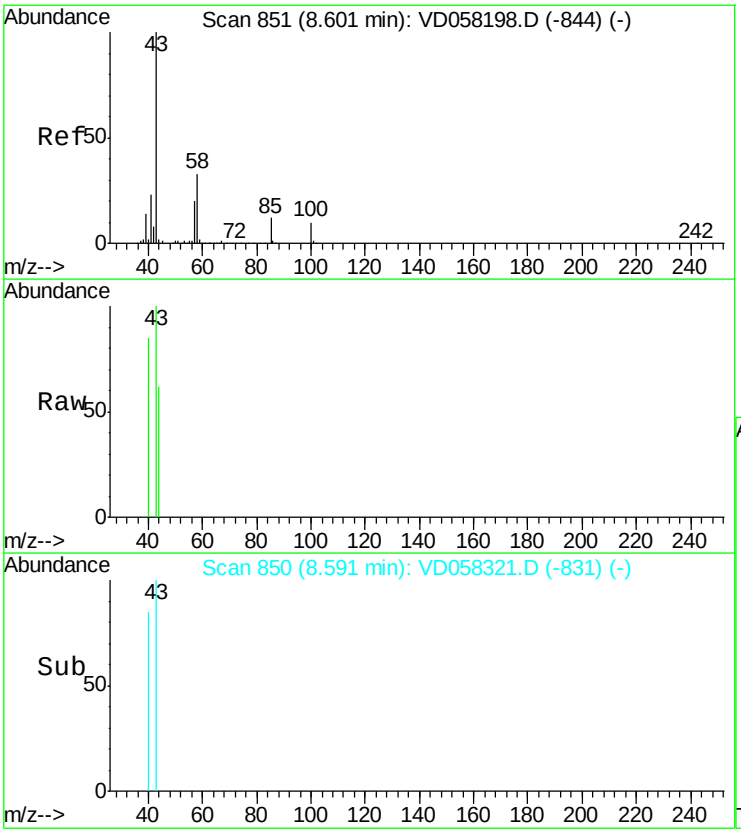
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 863
Delta R.T. 0.01 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Instrument :
MSVOA_D
ClientSampleId :
SP-ARE

Tgt Ion: 98 Resp: 84924

Ion	Ratio	Lower	Upper
98	100		
100	62.9	53.6	80.4

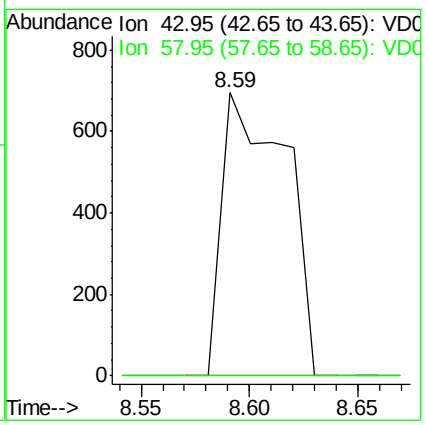


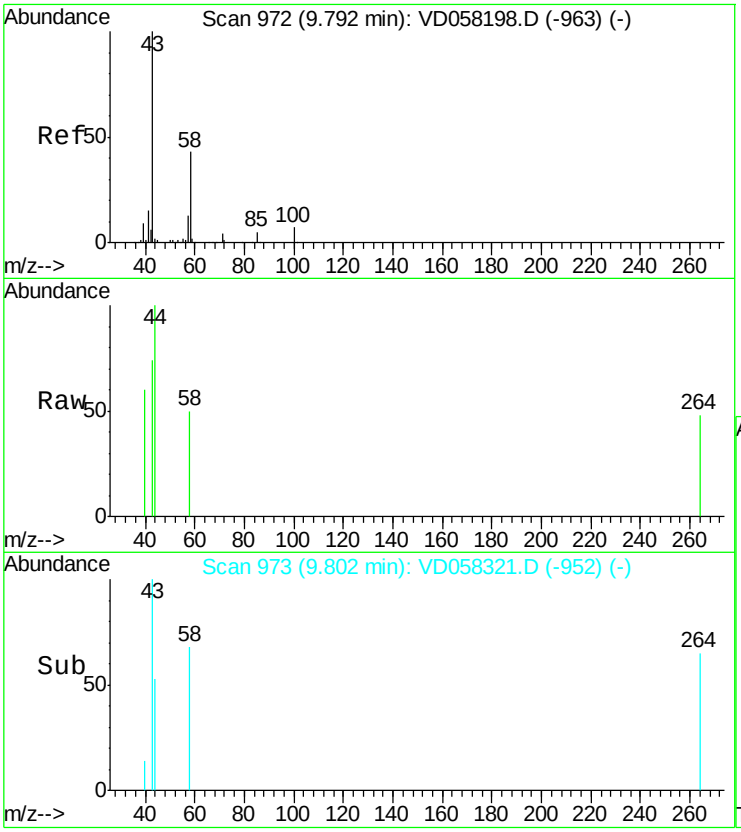


#51
4-Methyl-2-Pentanone
Concen: 3.122 ug/l
RT: 8.59 min Scan# 850
Delta R.T. -0.01 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Tgt Ion: 43 Resp: 1417

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.7	40.1#



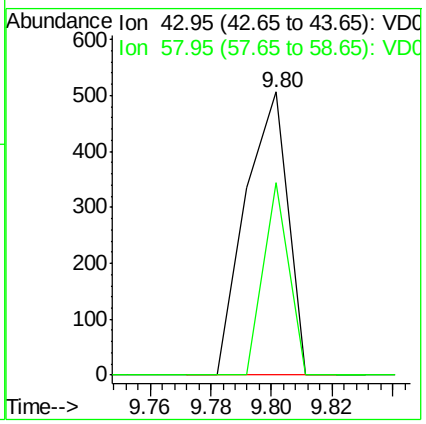


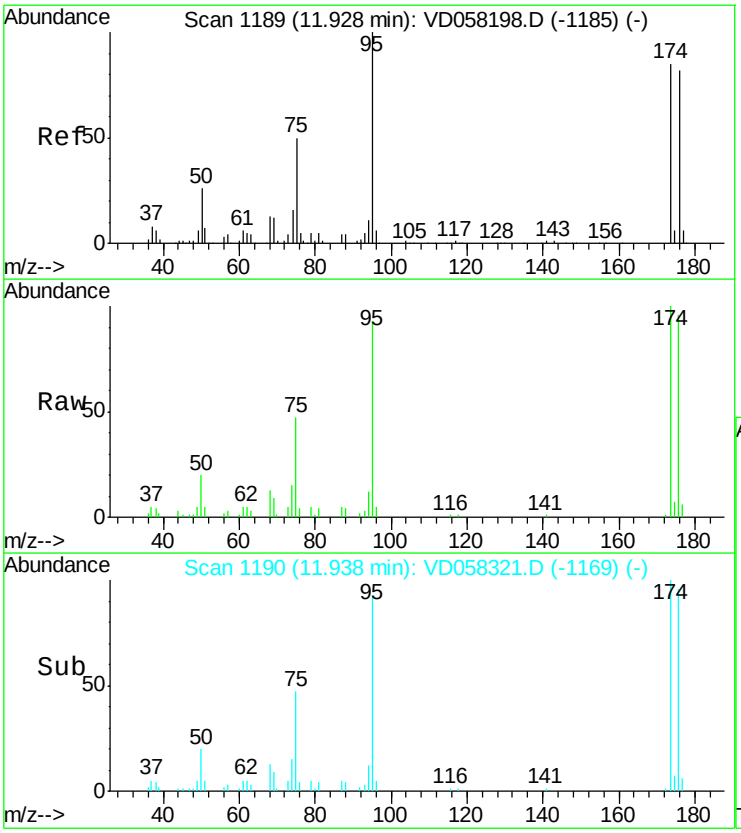
#59
2-Hexanone
Concen: 1.512 ug/l
RT: 9.80 min Scan# 973
Delta R.T. 0.01 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Instrument : MSVOA_D
ClientSampleId : SP-ARE

Tgt Ion: 43 Resp: 496

Ion	Ratio	Lower	Upper
43	100		
58	68.2	21.7	65.1#

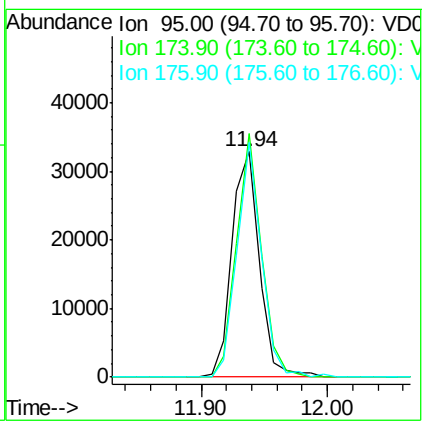


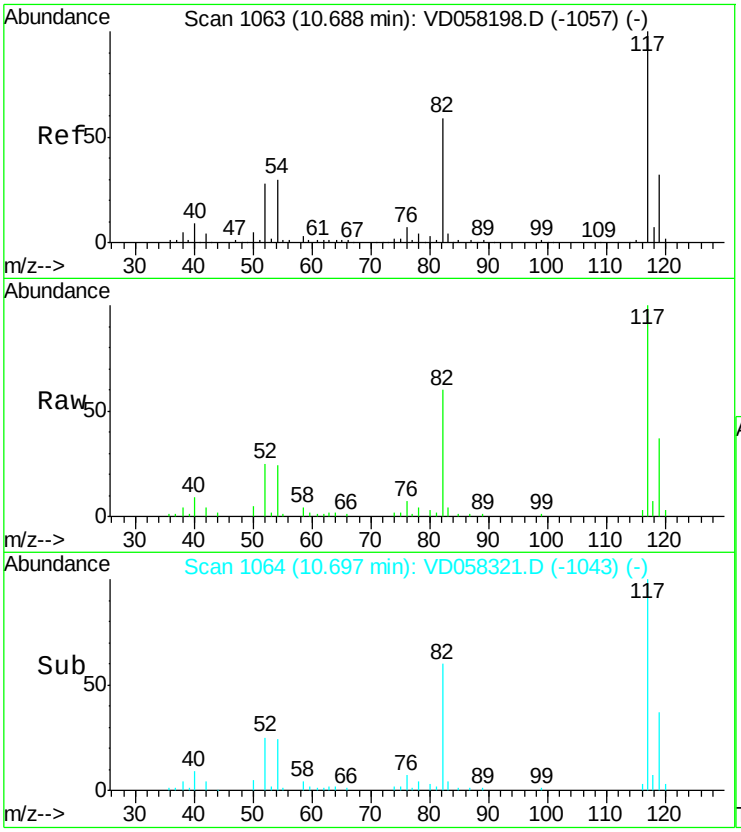


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Tgt Ion: 95 Resp: 49129

Ion	Ratio	Lower	Upper
95	100		
174	107.9	0.0	170.2
176	103.8	0.0	164.6



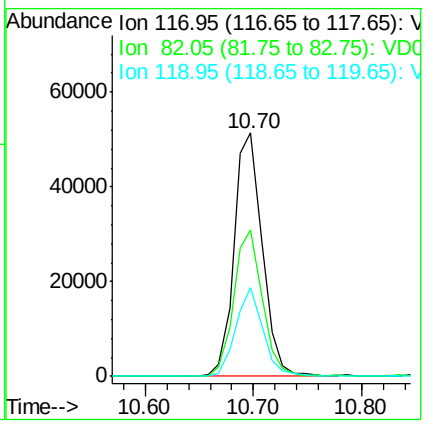


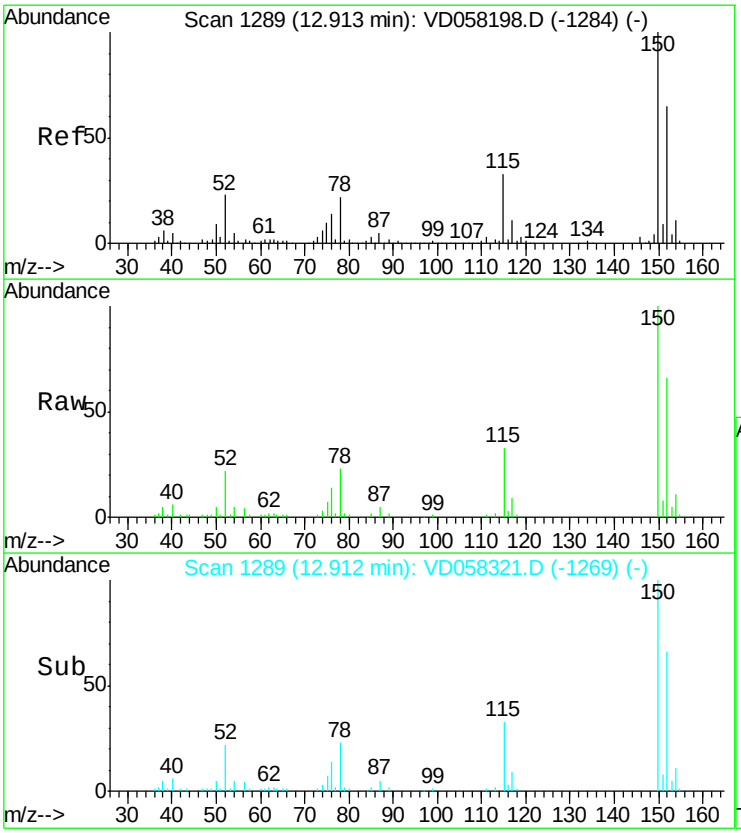
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Instrument : MSVOA_D
ClientSampleId : SP-ARE

Tgt Ion:117 Resp: 92779

Ion	Ratio	Lower	Upper
117	100		
82	60.1	47.0	70.6
119	36.6	25.3	37.9

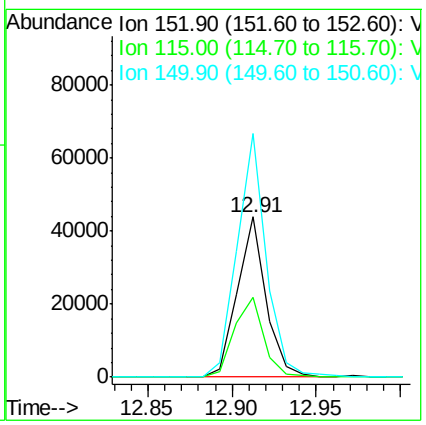


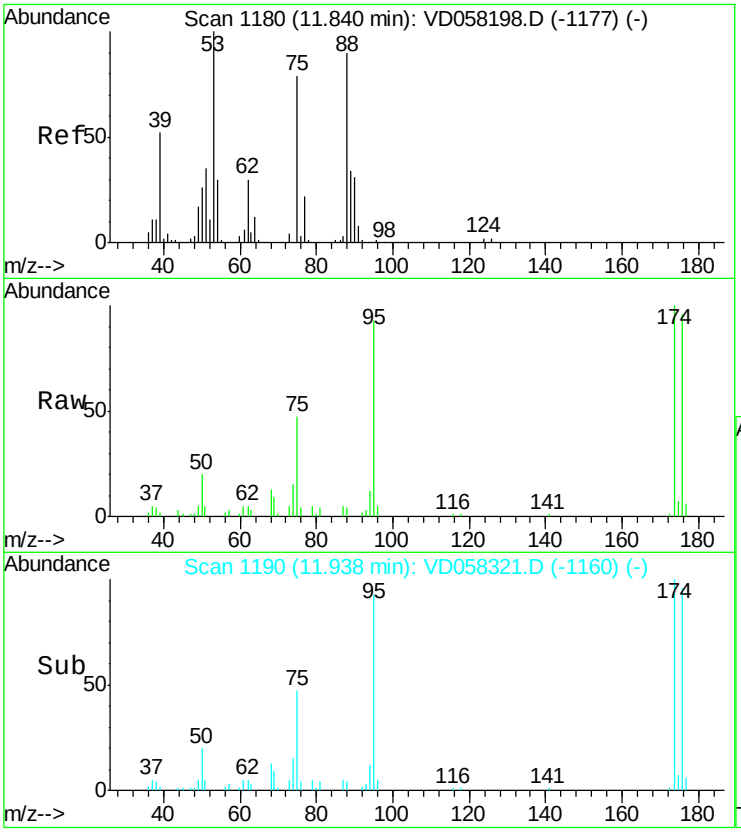


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Tgt Ion:152 Resp: 51688

Ion	Ratio	Lower	Upper
152	100		
115	49.9	25.1	75.3
150	152.3	0.0	308.8



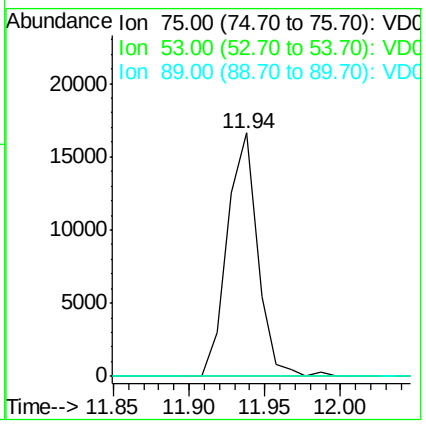


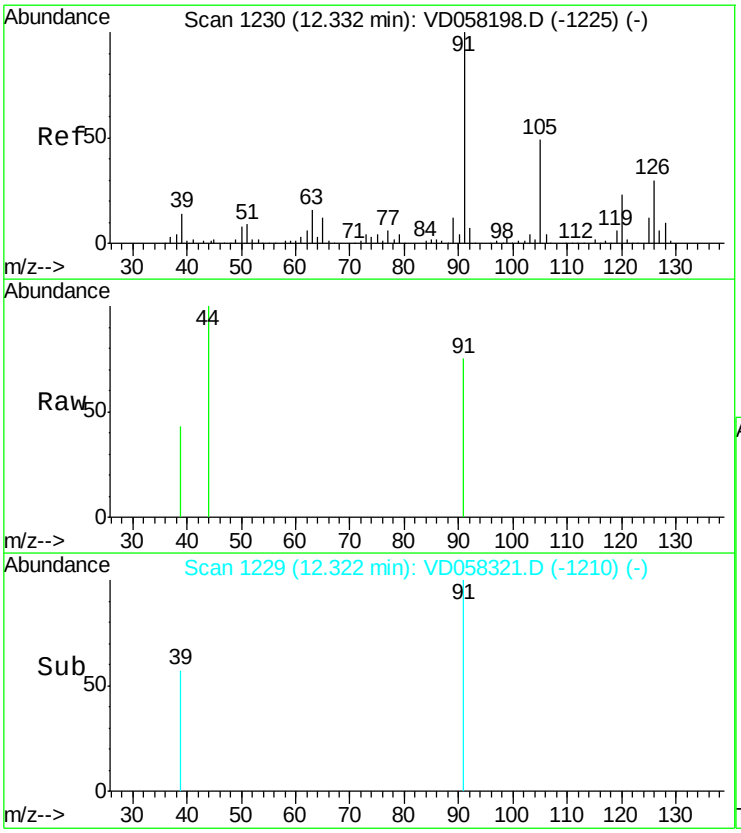
#81
trans-1,4-Dichloro-2-butene
Concen: 125.989 ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.10 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Instrument :
MSVOA_D
ClientSampleId :
SP-ARE

Tgt Ion: 75 Resp: 23189

Ion	Ratio	Lower	Upper
75	100		
53	0.0	100.8	151.2#
89	0.0	34.6	52.0#





#82
4-Chlorotoluene
Concen: Below Cal
RT: 12.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VD058321.D
Acq: 23 Jun 2018 4:44

Tgt Ion: 91 Resp: 611

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.9	44.9#