Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091020\
Data File : VD066617.D
Acq On : 10 Sep 2020 15:43
Operator : VA/SY
Sample : L3951-01
Misc : 3.55G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PIPING-1

Quant Time: Sep 11 02:08:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	188906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	361305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	361888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	158619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	175663	76.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 153.72%			
35) Dibromofluoromethane	7.91	113	142713	58.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.10%			
50) Toluene-d8	10.34	98	454630	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.38%			
62) 4-Bromofluorobenzene	12.63	95	155726	53.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	168	Below Cal	#	46
5) Bromomethane	2.77	94	509	Below Cal	#	53
10) Methyl Iodide	4.29	142	140	4.090 ug/l	#	35
11) Tert butyl alcohol	5.22	59	525	Below Cal	#	74
16) Acetone	4.16	43	3300	7.847 ug/l	#	85
20) Methylene Chloride	4.96	84	6048	Below Cal	#	83
25) 2-Butanone	7.21	43	690	1.222 ug/l	#	51
29) Tetrahydrofuran	7.55	42	542	1.542 ug/l	#	77
31) Cyclohexane	7.97	56	5536	1.485 ug/l	#	28
36) 1,1-Dichloropropene	7.98	75	18254	4.855 ug/l	#	49
38) Carbon Tetrachloride	7.98	117	20272	5.101 ug/l	#	19
76) 1,2,3-Trichloropropane	12.63	75	87967	57.665 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.63	75	87967	134.627 ug/l	#	7

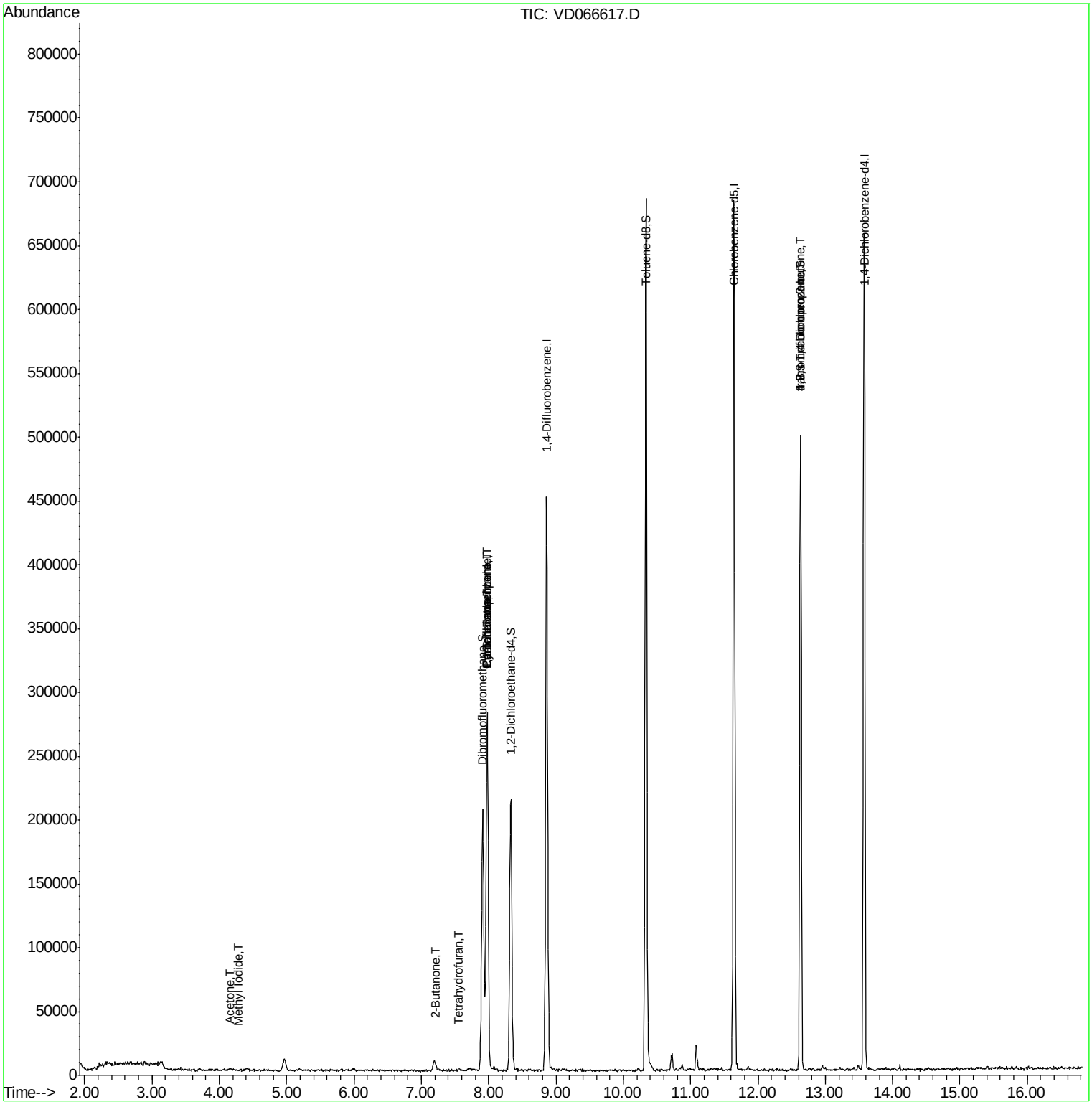
(#) = qualifier out of range (m) = manual integration (+) = signals summed

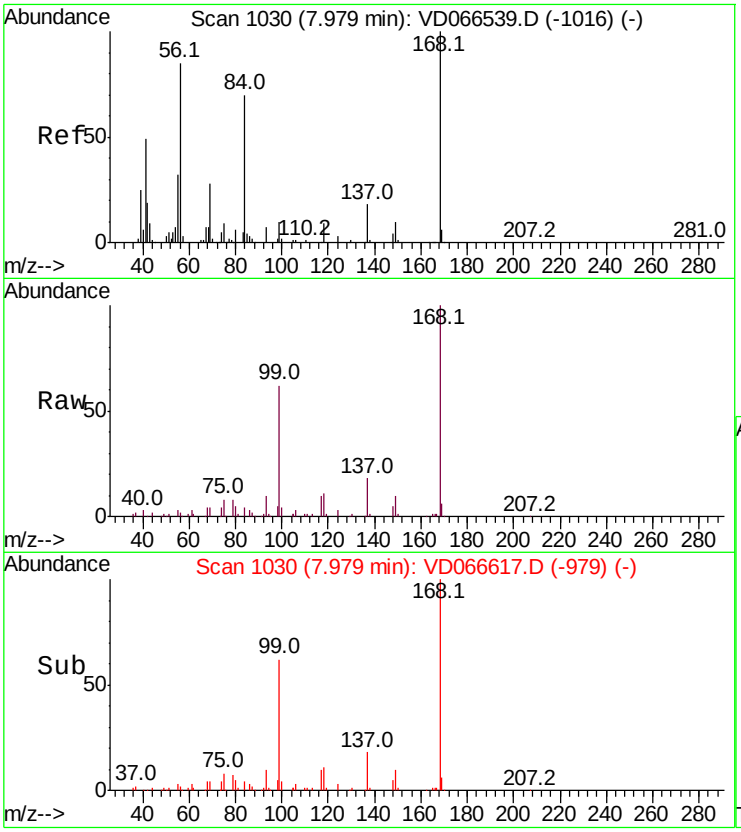
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
Data File : VD066617.D
Acq On : 10 Sep 2020 15:43
Operator : VA/SY
Sample : L3951-01
Misc : 3.55G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PIPING-1

Quant Time: Sep 11 02:08:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration



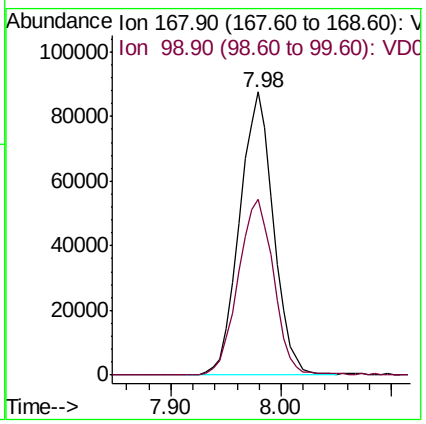


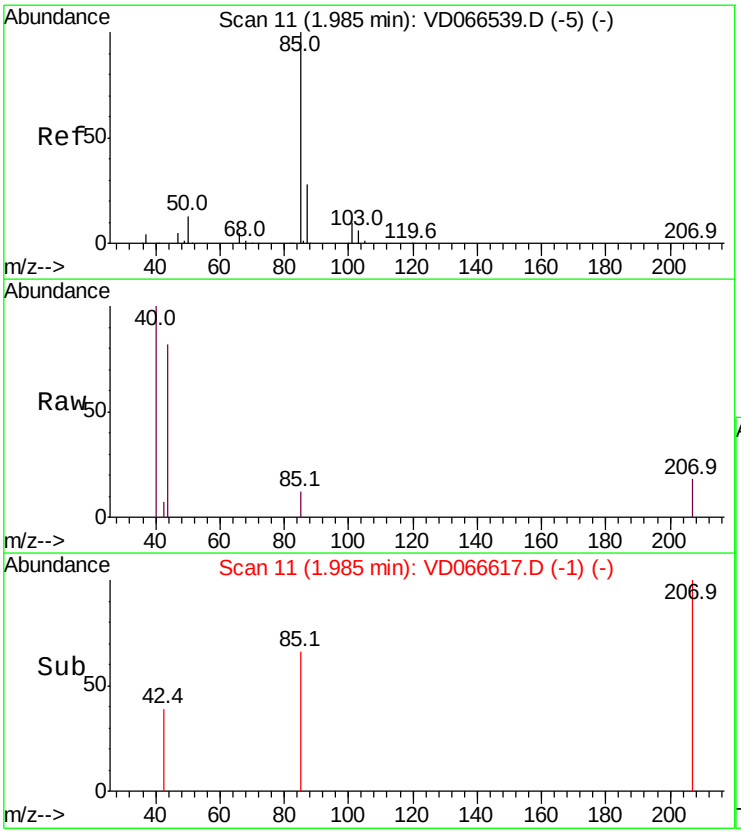
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066617.D
Acq: 10 Sep 2020 15:43

Instrument :
MSVOA_D
ClientSampleId :
PIPING-1

Tgt Ion:168 Resp: 188906

Ion	Ratio	Lower	Upper
168	100		
99	62.1	50.5	75.7

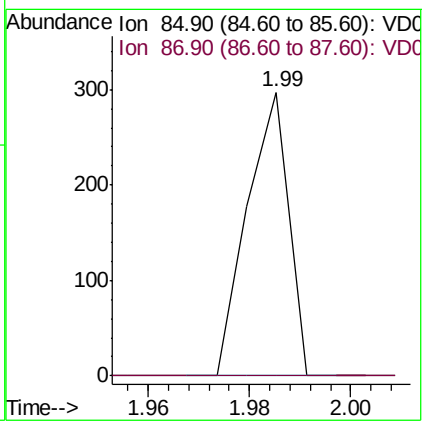


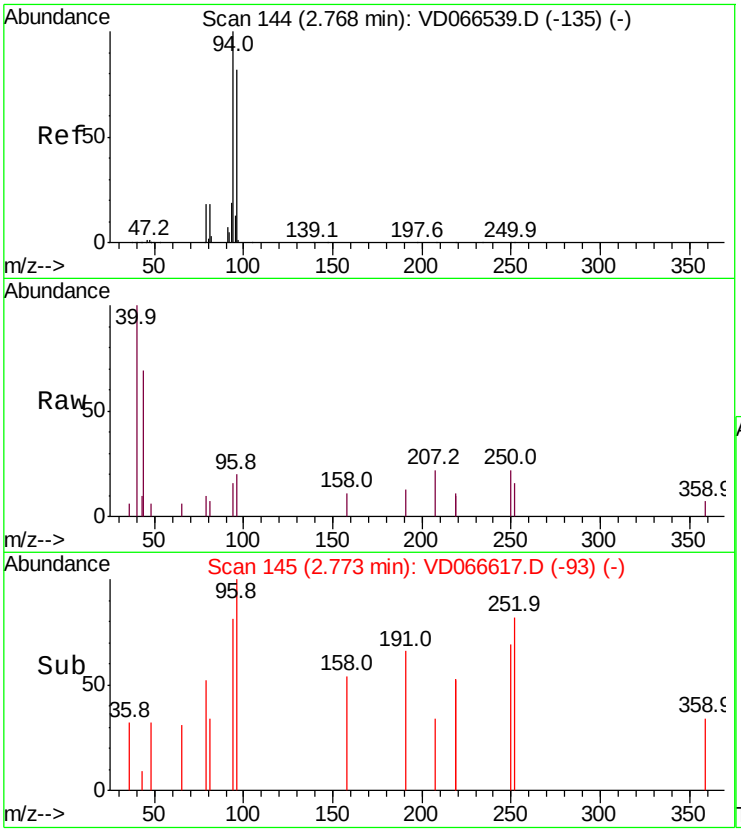


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.99 min Scan# 11
Delta R.T. 0.00 min
Lab File: VD066617.D
Acq: 10 Sep 2020 15:43

Tgt Ion: 85 Resp: 168

Ion	Ratio	Lower	Upper
85	100		
87	0.0	14.2	42.6#



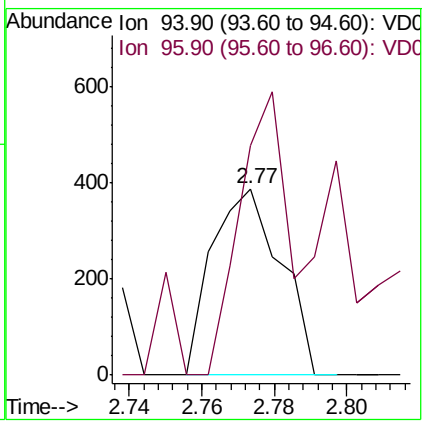


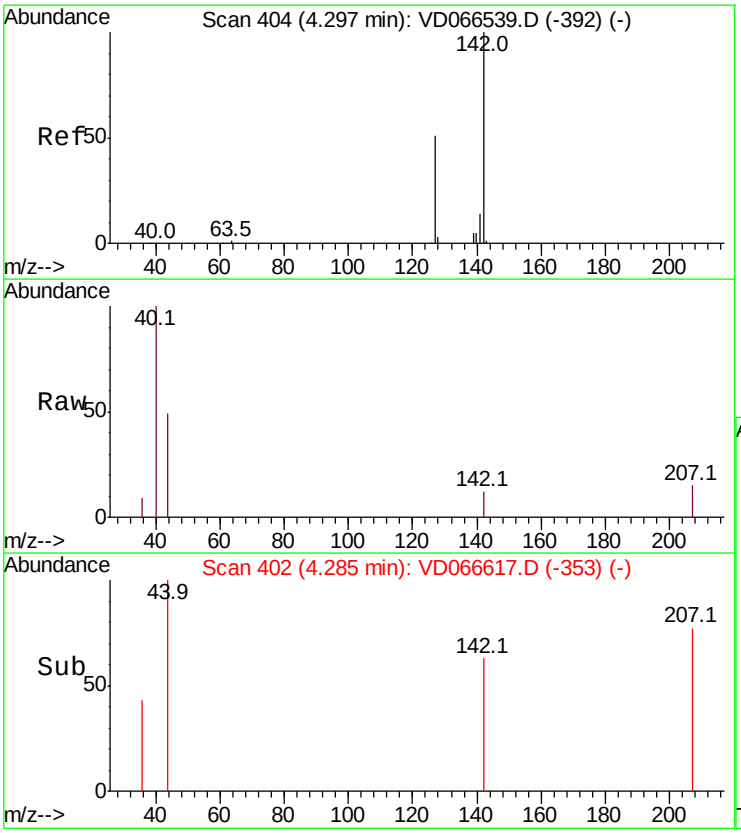
#5
Bromomethane
Concen: Below Cal
RT: 2.77 min Scan# 145
Delta R.T. 0.01 min
Lab File: VD066617.D
Acq: 10 Sep 2020 15:43

Instrument : MSVOA_D
ClientSampleId : PIPING-1

Tgt Ion: 94 Resp: 509

Ion	Ratio	Lower	Upper
94	100		
96	123.2	65.2	97.8#

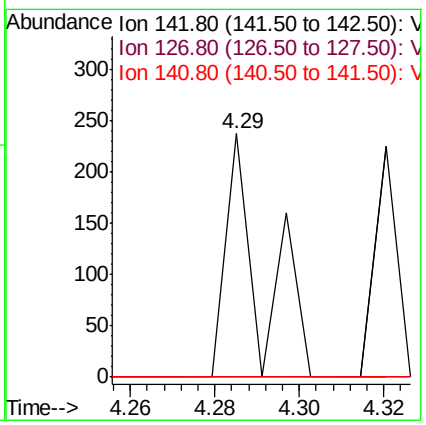


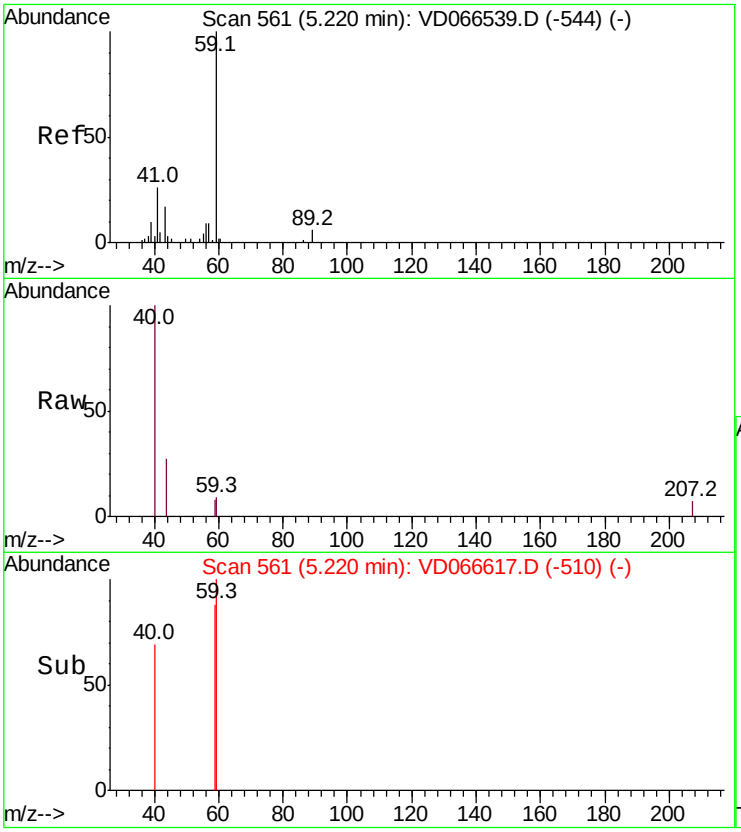


#10
Methyl Iodide
Concen: 4.090 ug/l
RT: 4.29 min Scan# 402
Delta R.T. -0.01 min
Lab File: VD066617.D
Acq: 10 Sep 2020 15:43

Tgt Ion:142 Resp: 140

Ion	Ratio	Lower	Upper
142	100		
127	0.0	40.6	61.0#
141	0.0	12.2	18.4#



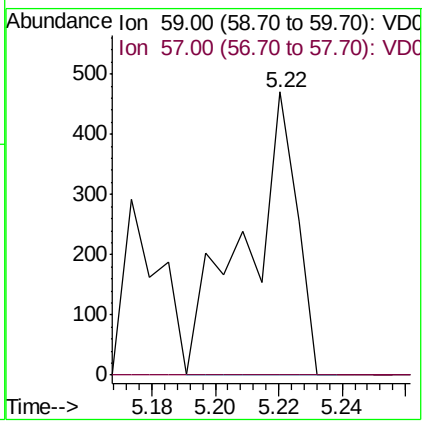


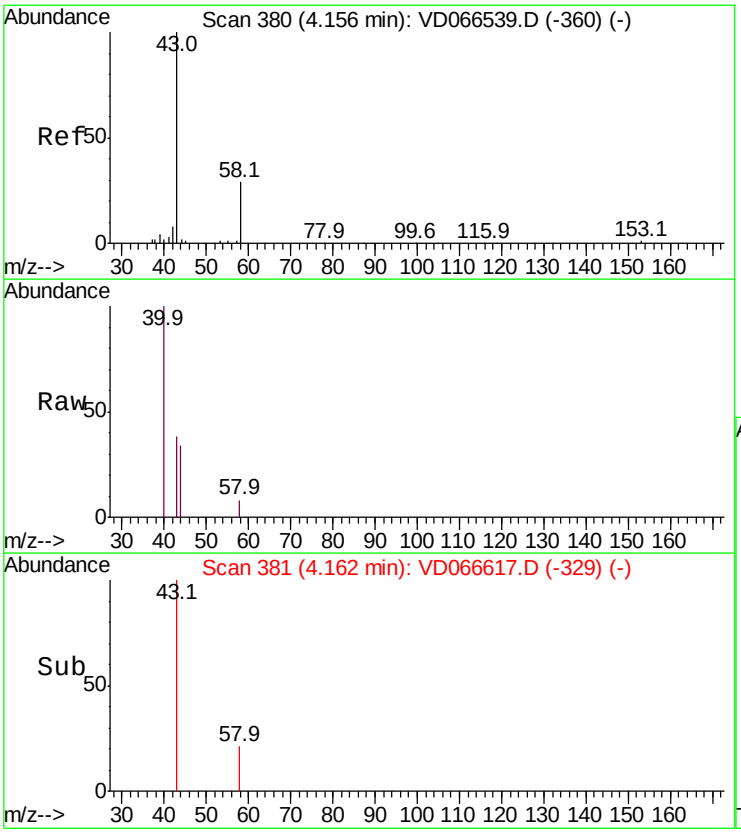
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD066617.D
Acq: 10 Sep 2020 15:43

Instrument :
MSVOA_D
ClientSampleId :
PIPING-1

Tgt Ion: 59 Resp: 525

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.6	11.4#

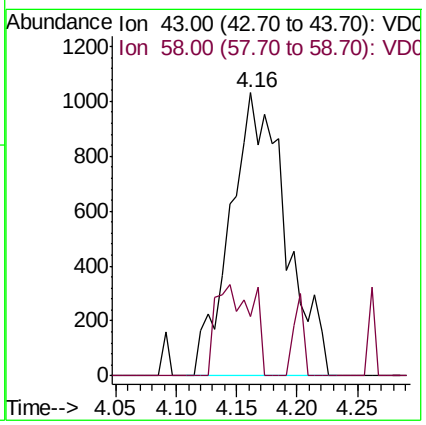


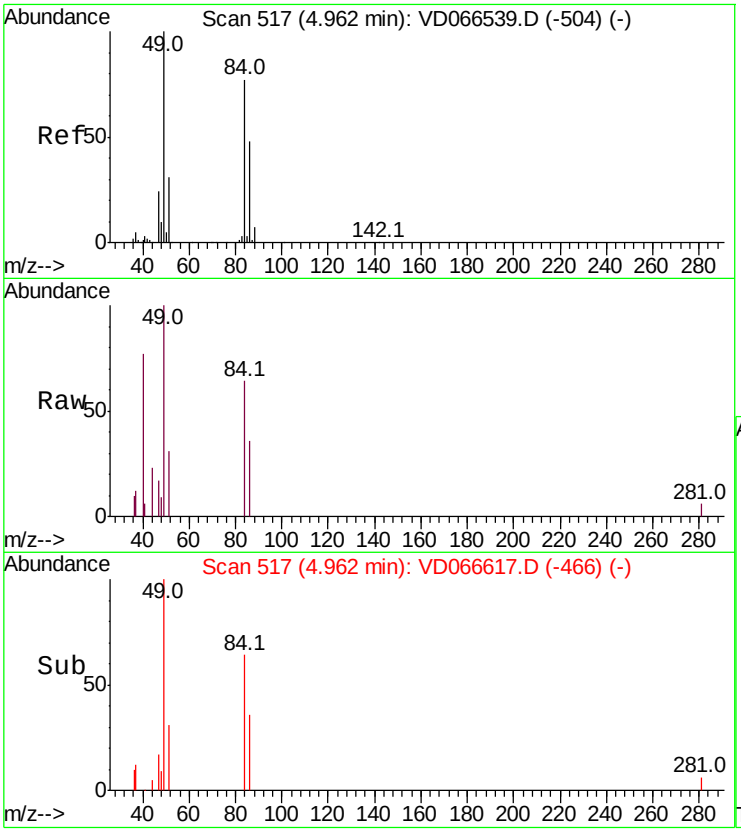


#16
Acetone
Concen: 7.847 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD066617.D
Acq: 10 Sep 2020 15:43

Tgt Ion: 43 Resp: 3300

Ion	Ratio	Lower	Upper
43	100		
58	20.9	22.9	34.3#



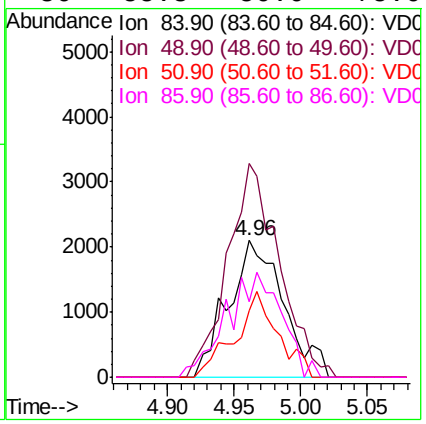


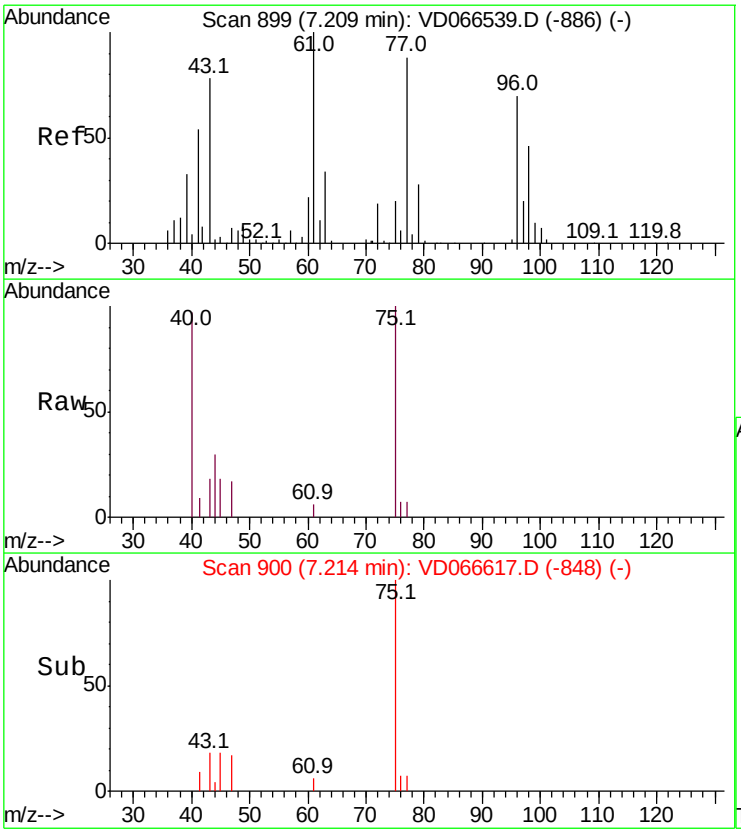
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066617.D
Acq: 10 Sep 2020 15:43

Instrument : MSVOA_D
ClientSampleId : PIPING-1

Tgt Ion: 84 Resp: 6048

Ion	Ratio	Lower	Upper
84	100		
49	156.6	104.3	156.5#
51	48.9	32.2	48.4#
86	55.8	50.0	75.0

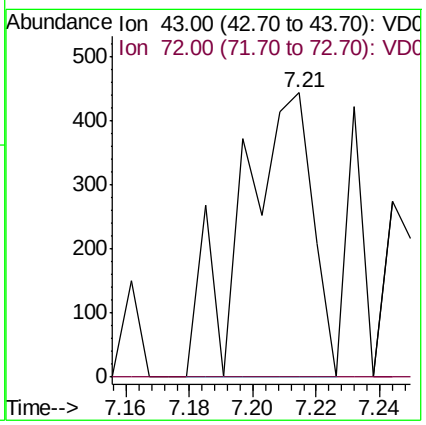


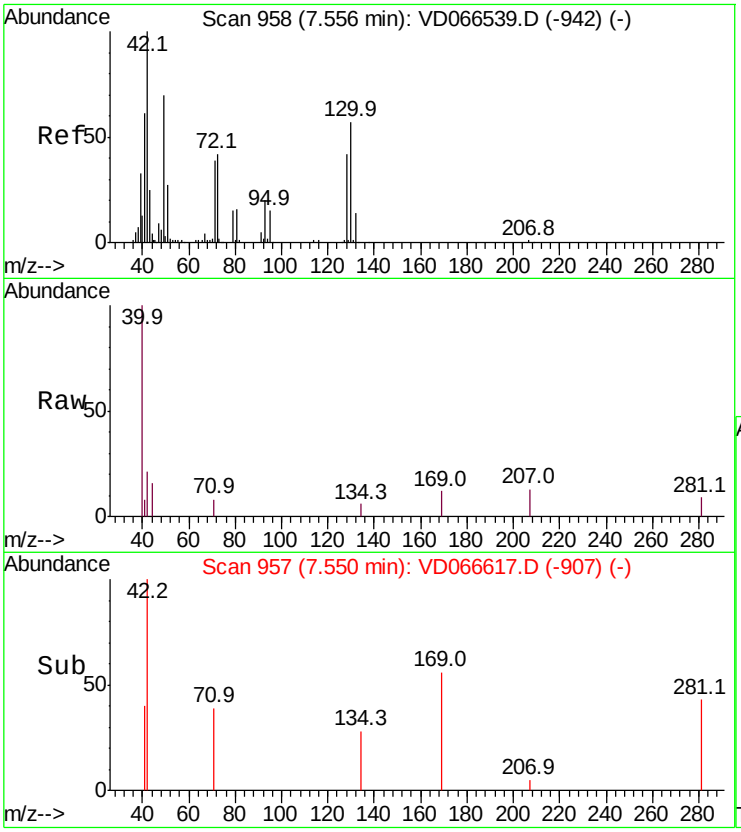


#25
2-Butanone
Concen: 1.222 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066617.D
Acq: 10 Sep 2020 15:43

Tgt Ion: 43 Resp: 690

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.6#



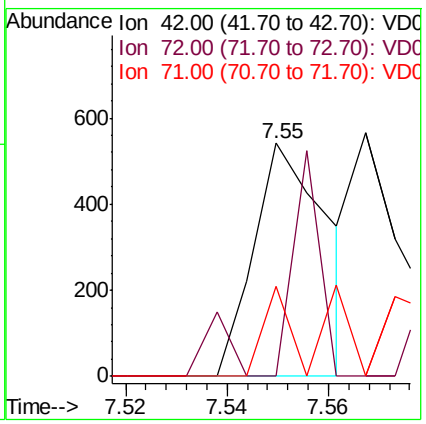


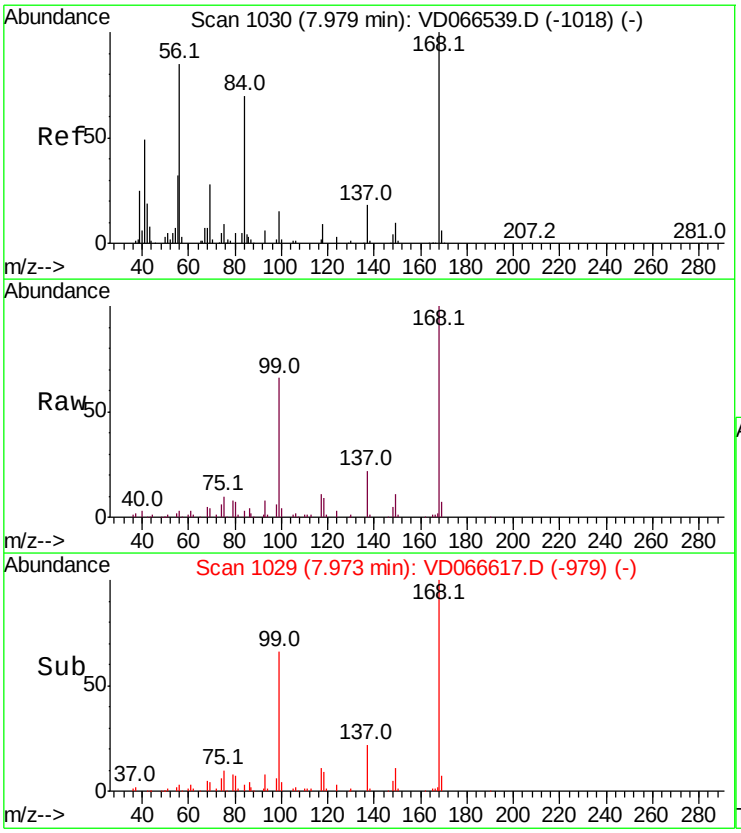
#29
Tetrahydrofuran
Concen: 1.542 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.01 min
Lab File: VD066617.D
Acq: 10 Sep 2020 15:43

Instrument :
MSVOA_D
ClientSampleId :
PIPING-1

Tgt Ion: 42 Resp: 542

Ion	Ratio	Lower	Upper
42	100		
72	43.9	33.4	50.0
71	13.7	31.9	47.9#

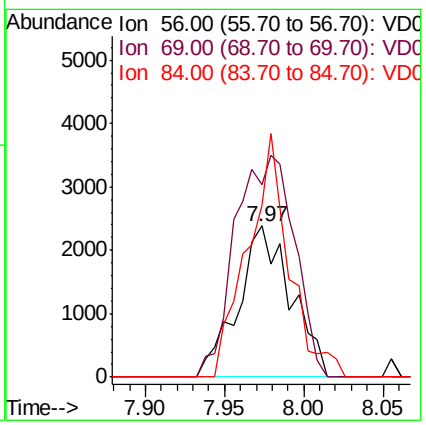


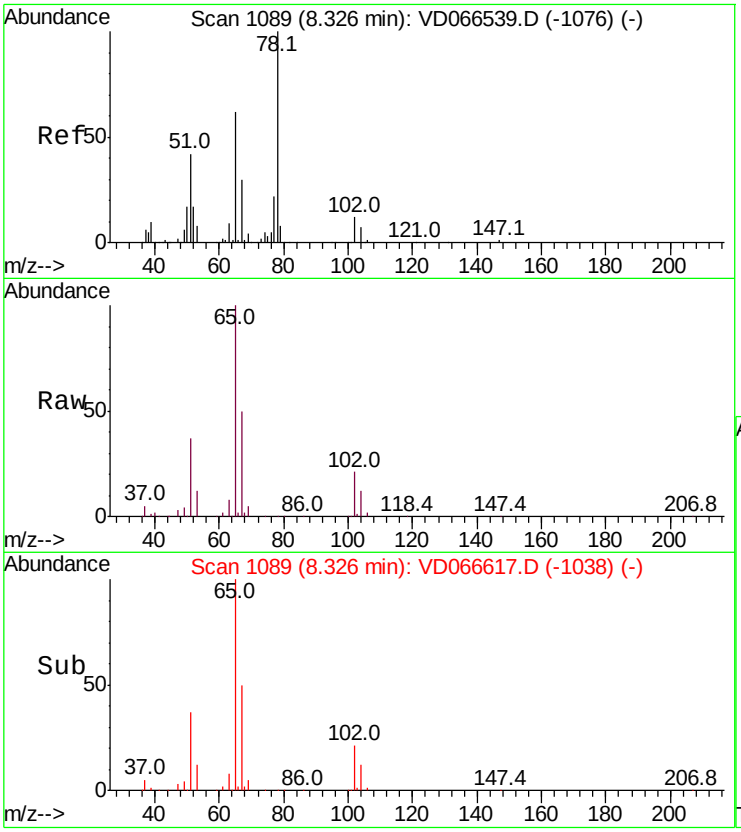


#31
Cyclohexane
Concen: 1.485 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066617.D
Acq: 10 Sep 2020 15:43

Tgt Ion: 56 Resp: 5536

Ion	Ratio	Lower	Upper
56	100		
69	126.7	26.3	39.5#
84	113.9	66.1	99.1#



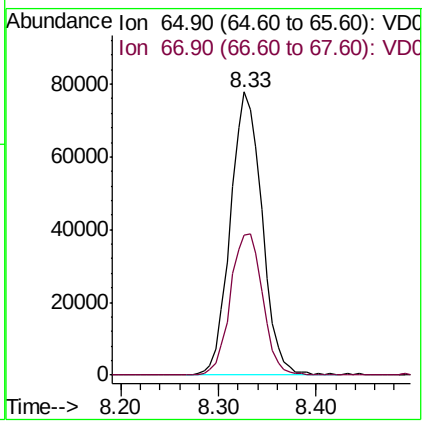


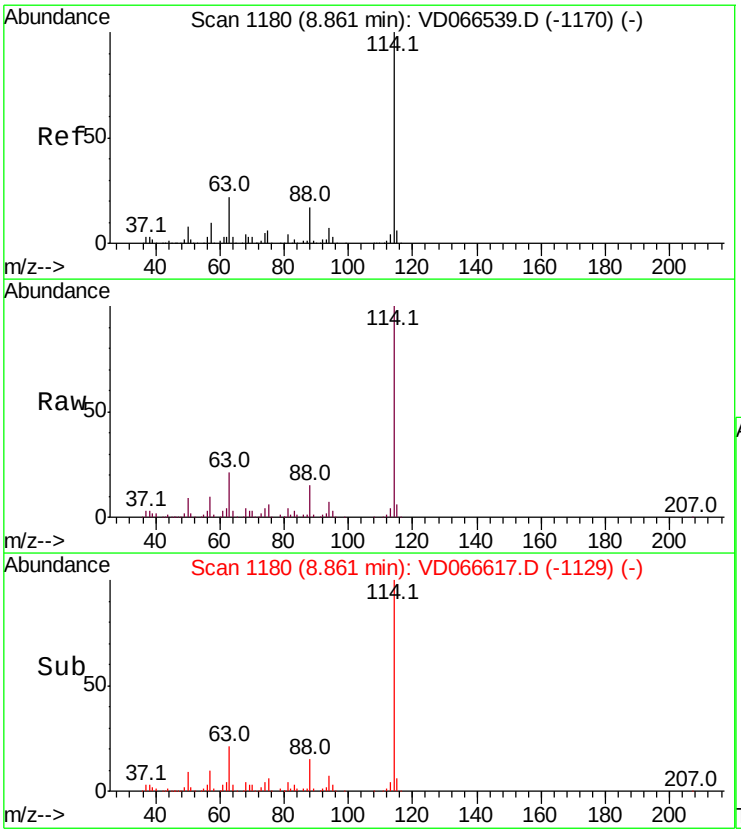
#33
1,2-Dichloroethane-d4
Concen: 76.857 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VD066617.D
Acq: 10 Sep 2020 15:43

Instrument : MSVOA_D
ClientSampleId : PIPING-1

Tgt Ion: 65 Resp: 175663

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.8

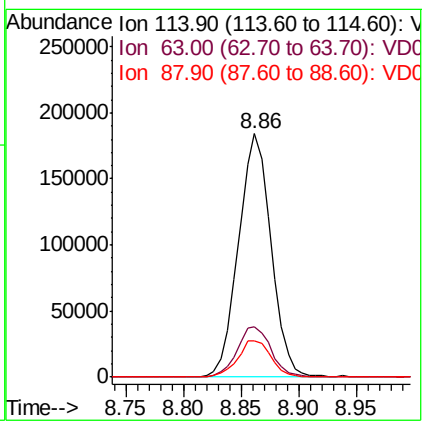


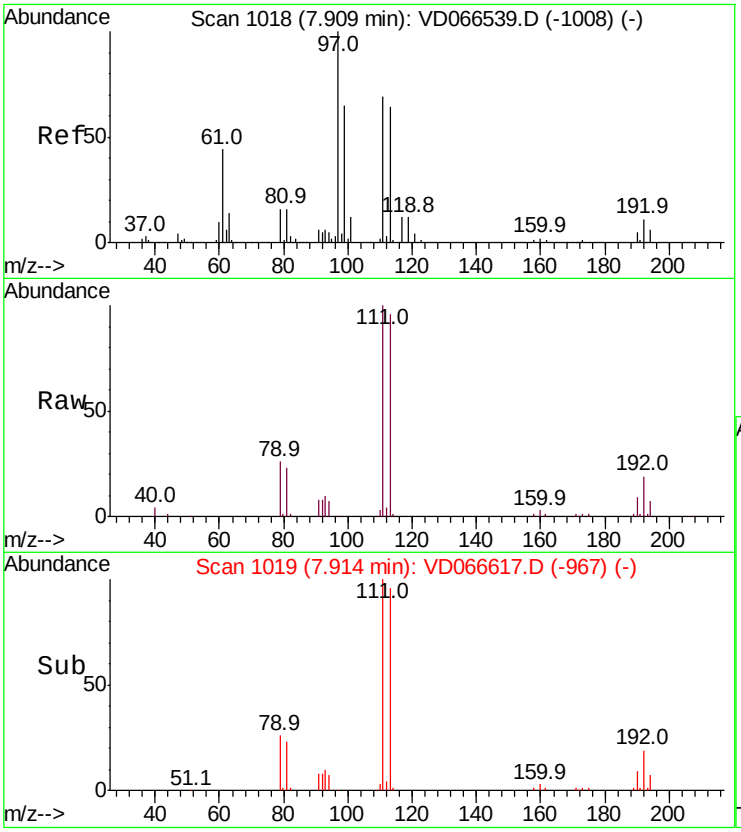


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD066617.D
Acq: 10 Sep 2020 15:43

Tgt Ion:114 Resp: 361305

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.2
88	14.7	0.0	33.2



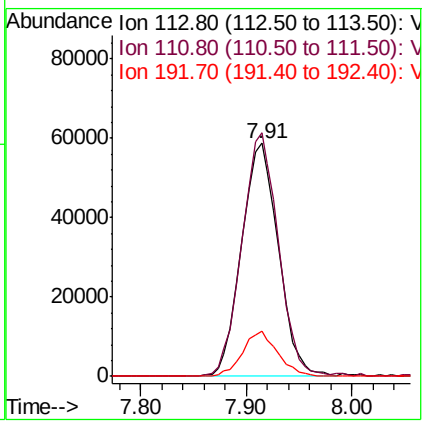


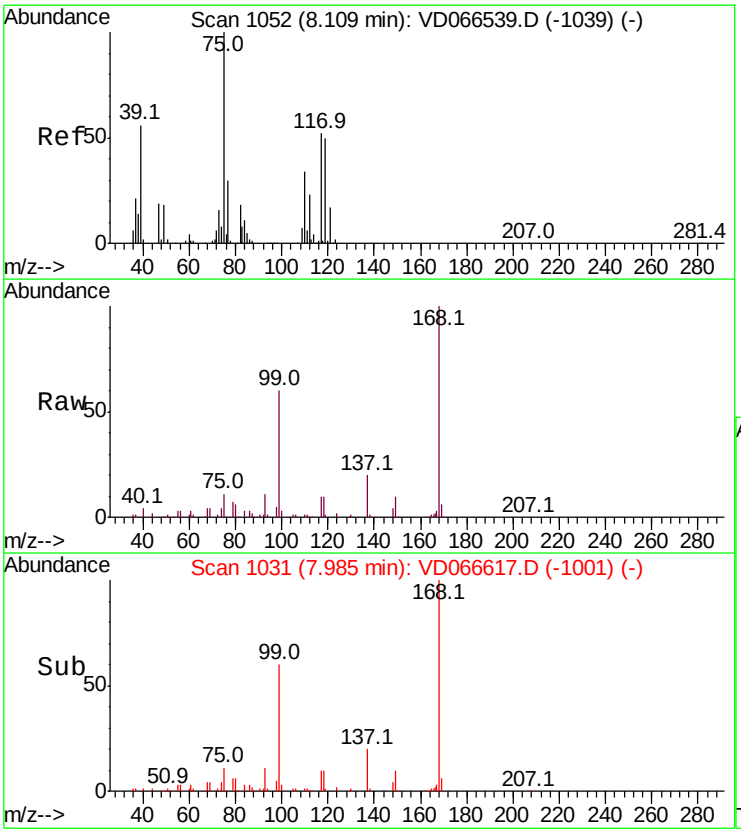
#35
Dibromofluoromethane
Concen: 58.551 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066617.D
Acq: 10 Sep 2020 15:43

Instrument :
MSVOA_D
ClientSampleId :
PIPING-1

Tgt Ion:113 Resp: 142713

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.2	124.8
192	18.3	13.7	20.5

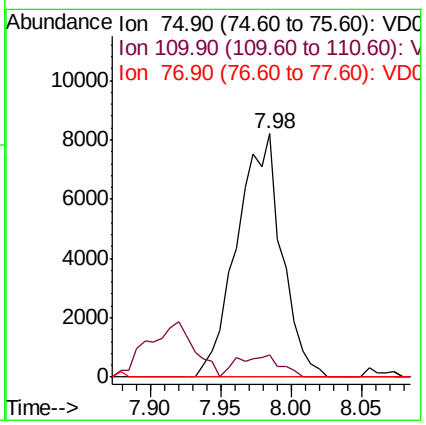


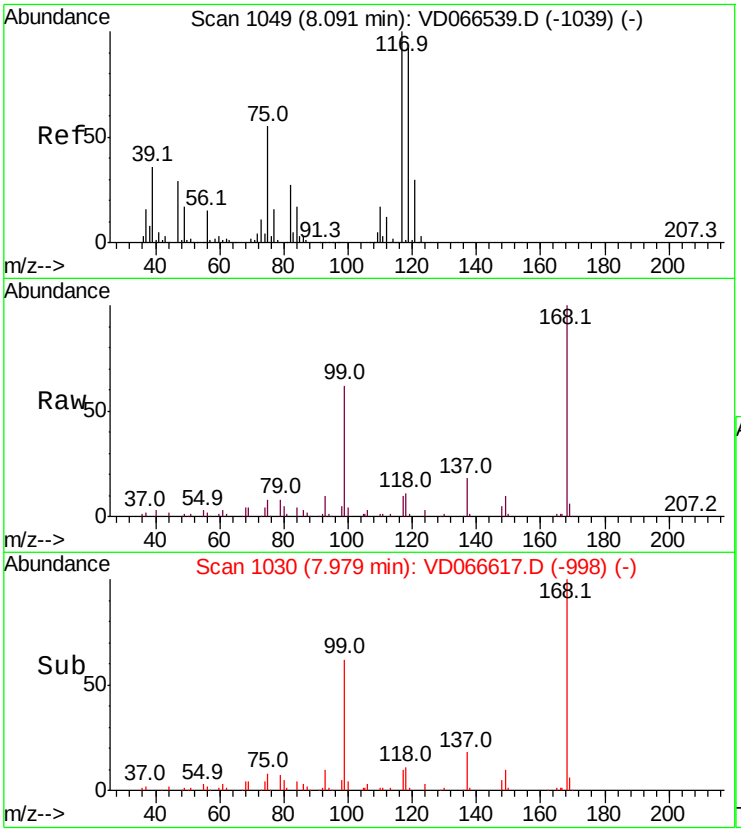


#36
1,1-Dichloropropene
Concen: 4.855 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD066617.D
Acq: 10 Sep 2020 15:43

Tgt Ion: 75 Resp: 18254

Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.3	52.0#
77	0.0	25.1	37.7#



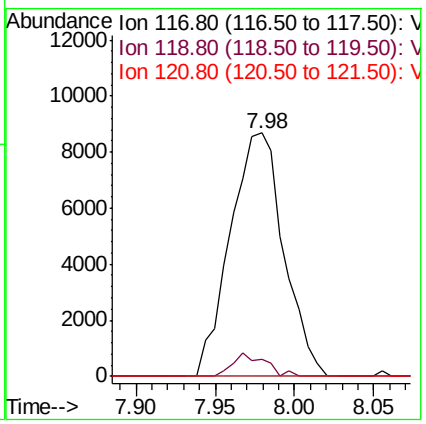


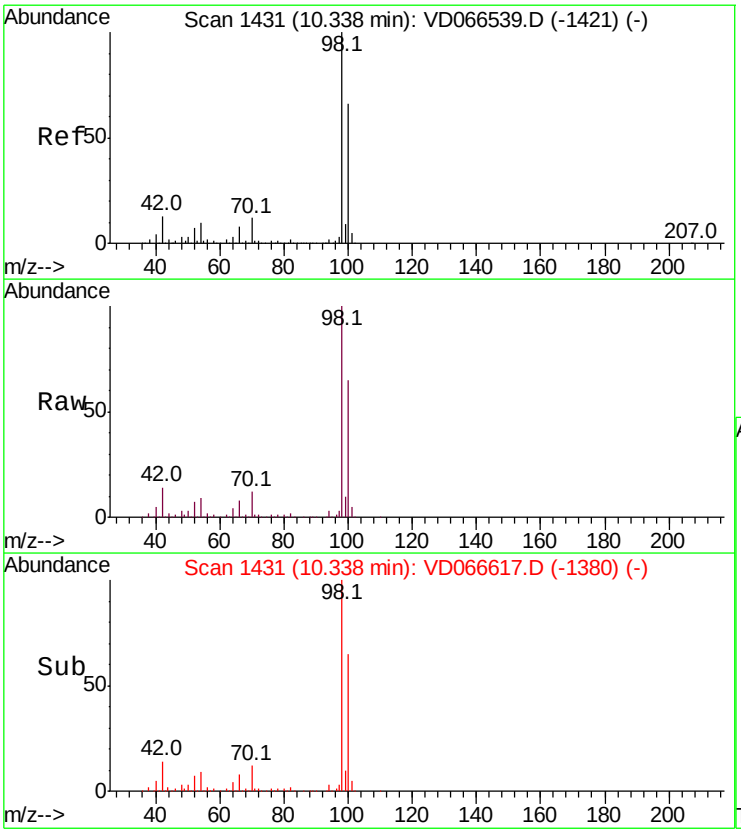
#38
Carbon Tetrachloride
Concen: 5.101 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.11 min
Lab File: VD066617.D
Acq: 10 Sep 2020 15:43

Instrument : MSVOA_D
ClientSampleId : PIPING-1

Tgt Ion:117 Resp: 20272

Ion	Ratio	Lower	Upper
117	100		
119	6.9	73.9	110.9#
121	0.0	24.1	36.1#

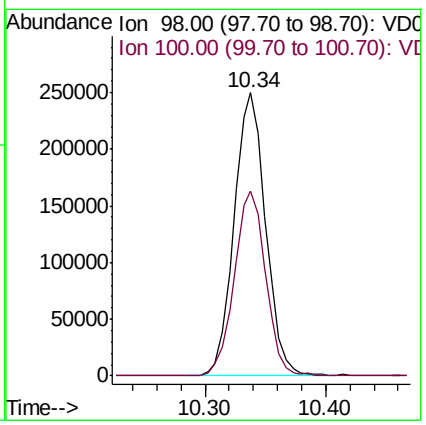


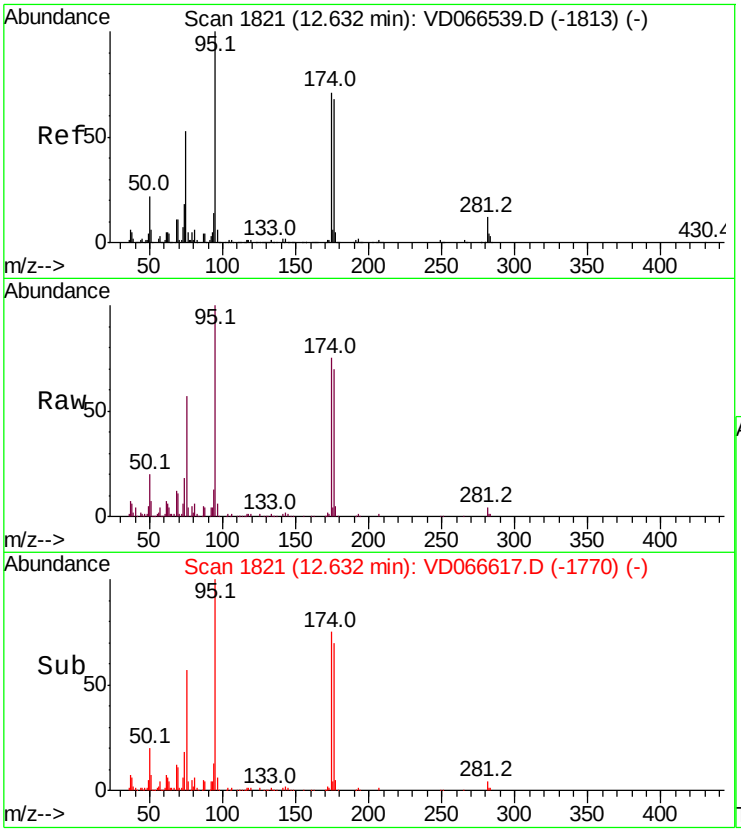


#50
Toluene-d8
Concen: 52.187 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066617.D
Acq: 10 Sep 2020 15:43

Tgt Ion: 98 Resp: 454630

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.9	79.3



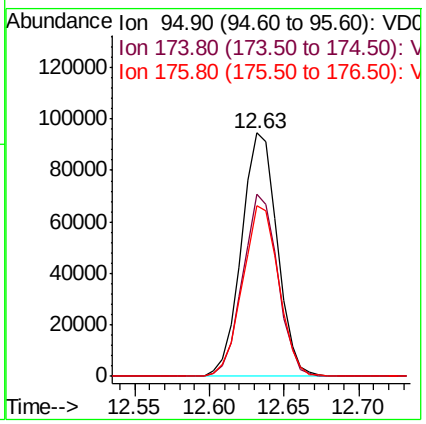


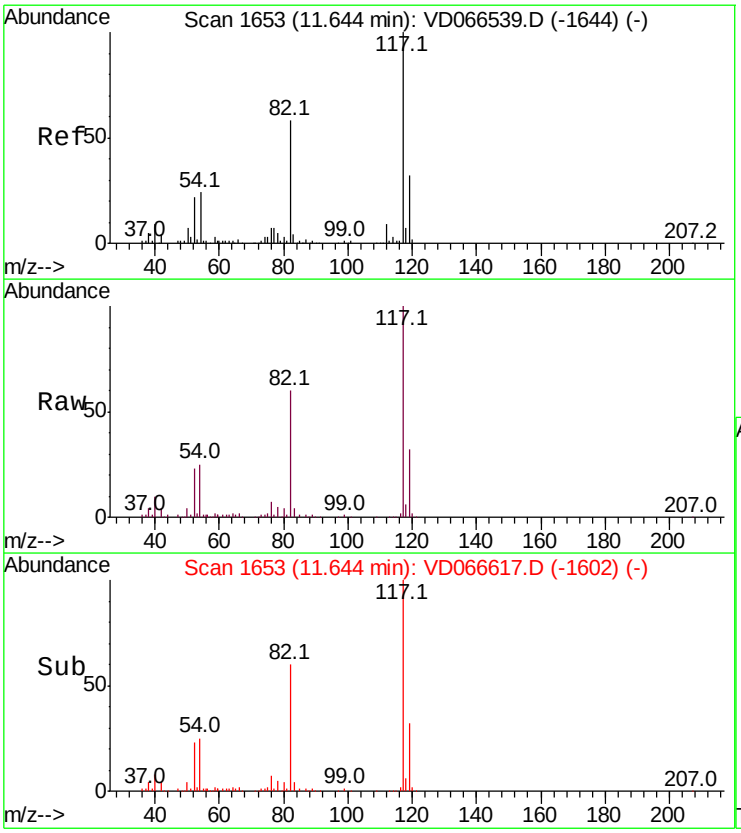
#62
4-Bromofluorobenzene
Concen: 53.909 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066617.D
Acq: 10 Sep 2020 15:43

Instrument : MSVOA_D
ClientSampleId : PIPING-1

Tgt Ion: 95 Resp: 155726

Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	155.8
176	71.0	0.0	148.6

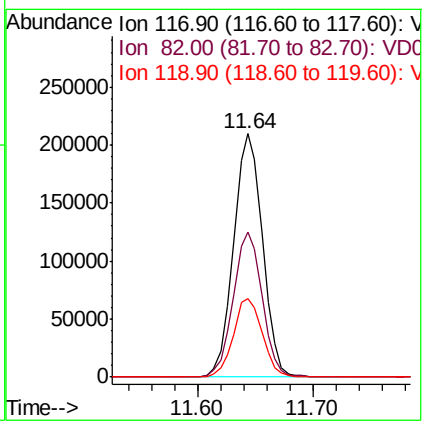


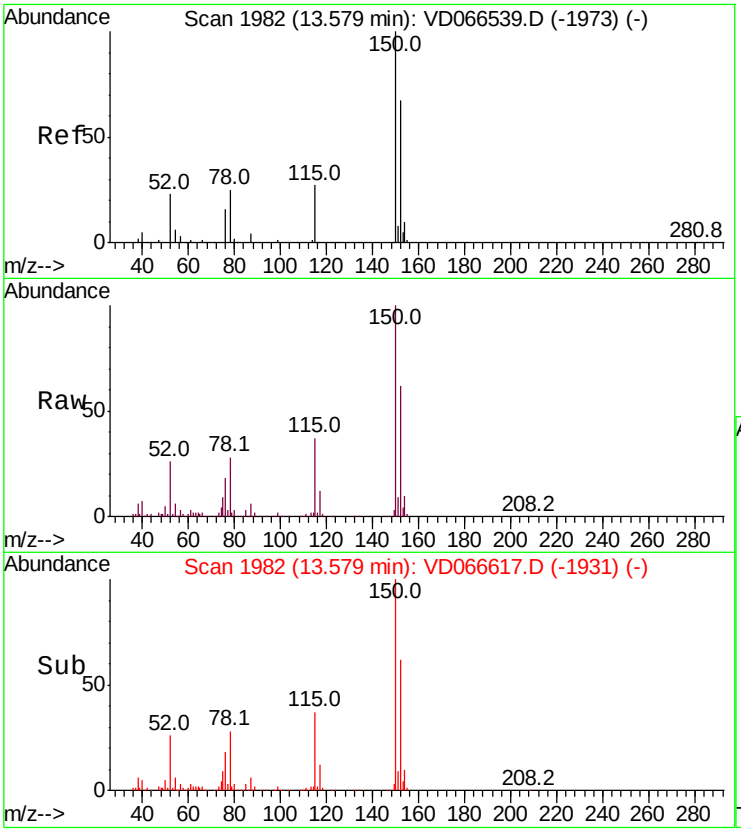


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066617.D
Acq: 10 Sep 2020 15:43

Tgt Ion:117 Resp: 361888

Ion	Ratio	Lower	Upper
117	100		
82	59.7	46.2	69.2
119	32.2	25.8	38.8



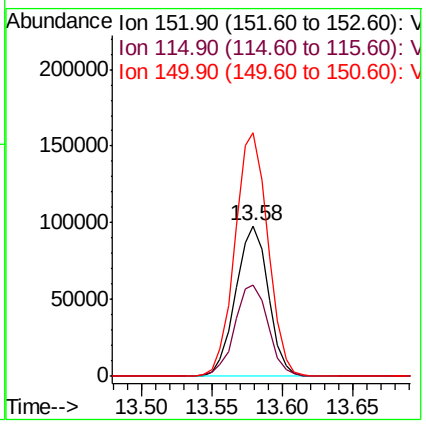


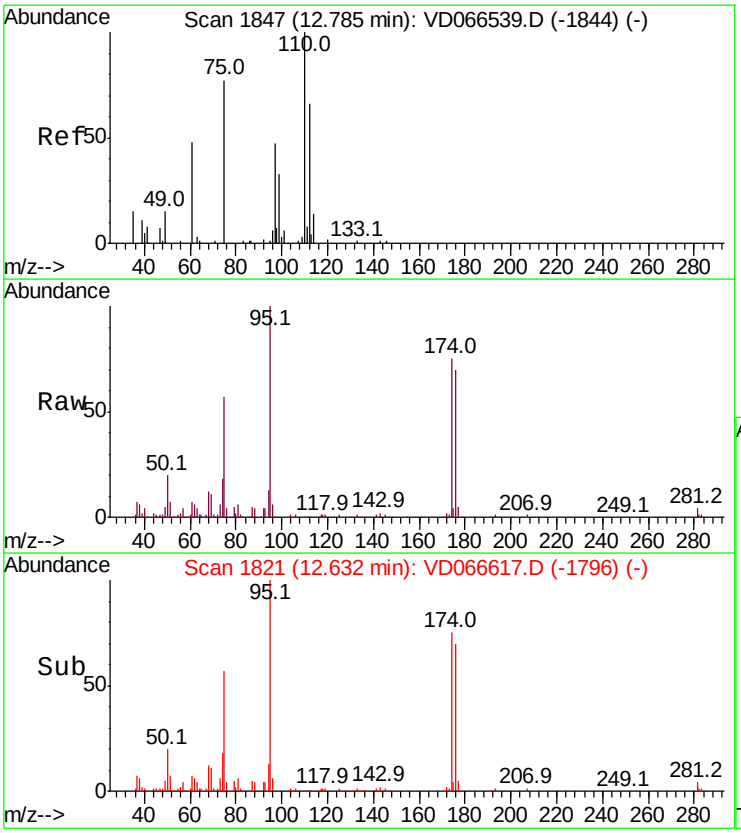
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066617.D
Acq: 10 Sep 2020 15:43

Instrument : MSVOA_D
ClientSampleId : PIPING-1

Tgt Ion:152 Resp: 158619

Ion	Ratio	Lower	Upper
152	100		
115	62.6	30.4	91.2
150	163.4	0.0	345.8

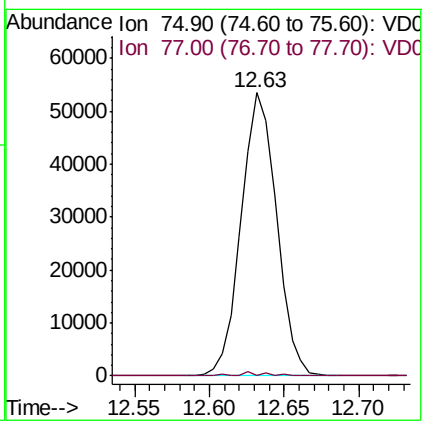


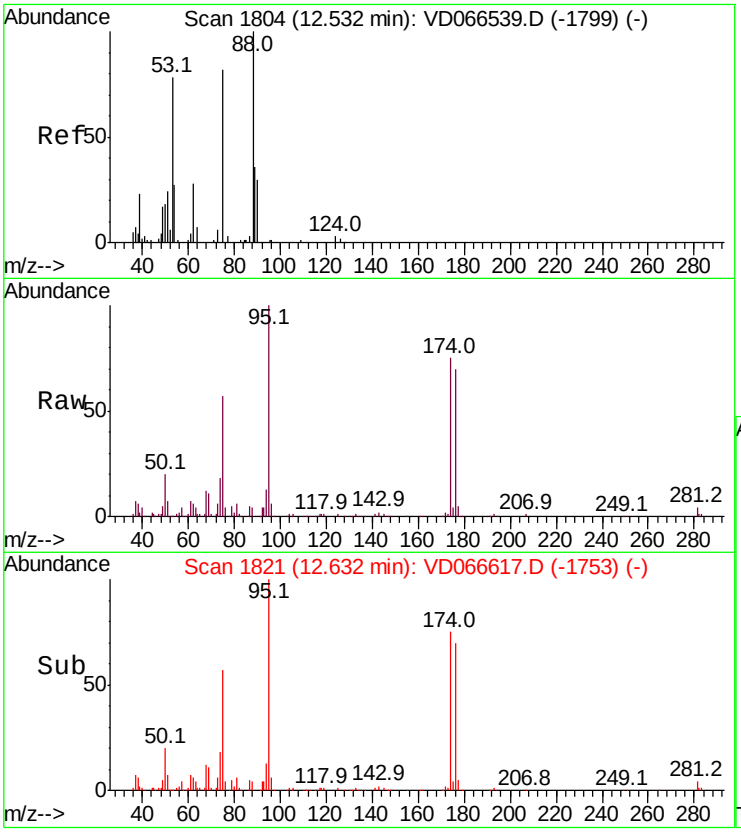


#76
1,2,3-Trichloropropane
Concen: 57.665 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066617.D
Acq: 10 Sep 2020 15:43

Tgt Ion: 75 Resp: 87967

Ion	Ratio	Lower	Upper
75	100		
77	0.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 134.627 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD066617.D
Acq: 10 Sep 2020 15:43

Instrument :
MSVOA_D
ClientSampleId :
PIPING-1

Tgt Ion: 75 Resp: 87967

Ion	Ratio	Lower	Upper
75	100		
53	0.2	87.0	130.4#
89	0.1	37.1	55.7#