Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081720\
Data File : VD066257.D
Acq On : 17 Aug 2020 14:56
Operator : VA/SY
Sample : L3679-11RE
Misc : 9.13G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : S411-K-SO-1-1.5-081220RE

Quant Time: Aug 17 15:26:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	392769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	602818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	768317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	447050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	142554	40.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.36%			
35) Dibromofluoromethane	7.91	113	172542	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.36%			
50) Toluene-d8	10.34	98	754454	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.08%			
62) 4-Bromofluorobenzene	12.63	95	396732	78.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 156.20%			
Target Compounds						Qvalue
8) Diethyl Ether	3.70	74	2349	1.340	ug/l	91
10) Methyl Iodide	4.31	142	151	6.750	ug/l #	39
11) Tert butyl alcohol	5.20	59	327	Below Cal	#	76
16) Acetone	4.15	43	3119	4.691	ug/l #	84
20) Methylene Chloride	4.97	84	24793	2.017	ug/l	90
31) Cyclohexane	7.98	56	8022	1.307	ug/l #	12
36) 1,1-Dichloropropene	7.98	75	26039	4.597	ug/l #	51
38) Carbon Tetrachloride	7.97	117	38175	6.043	ug/l #	13
76) 1,2,3-Trichloropropane	12.63	75	195462	52.430	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	195462	115.899	ug/l #	13

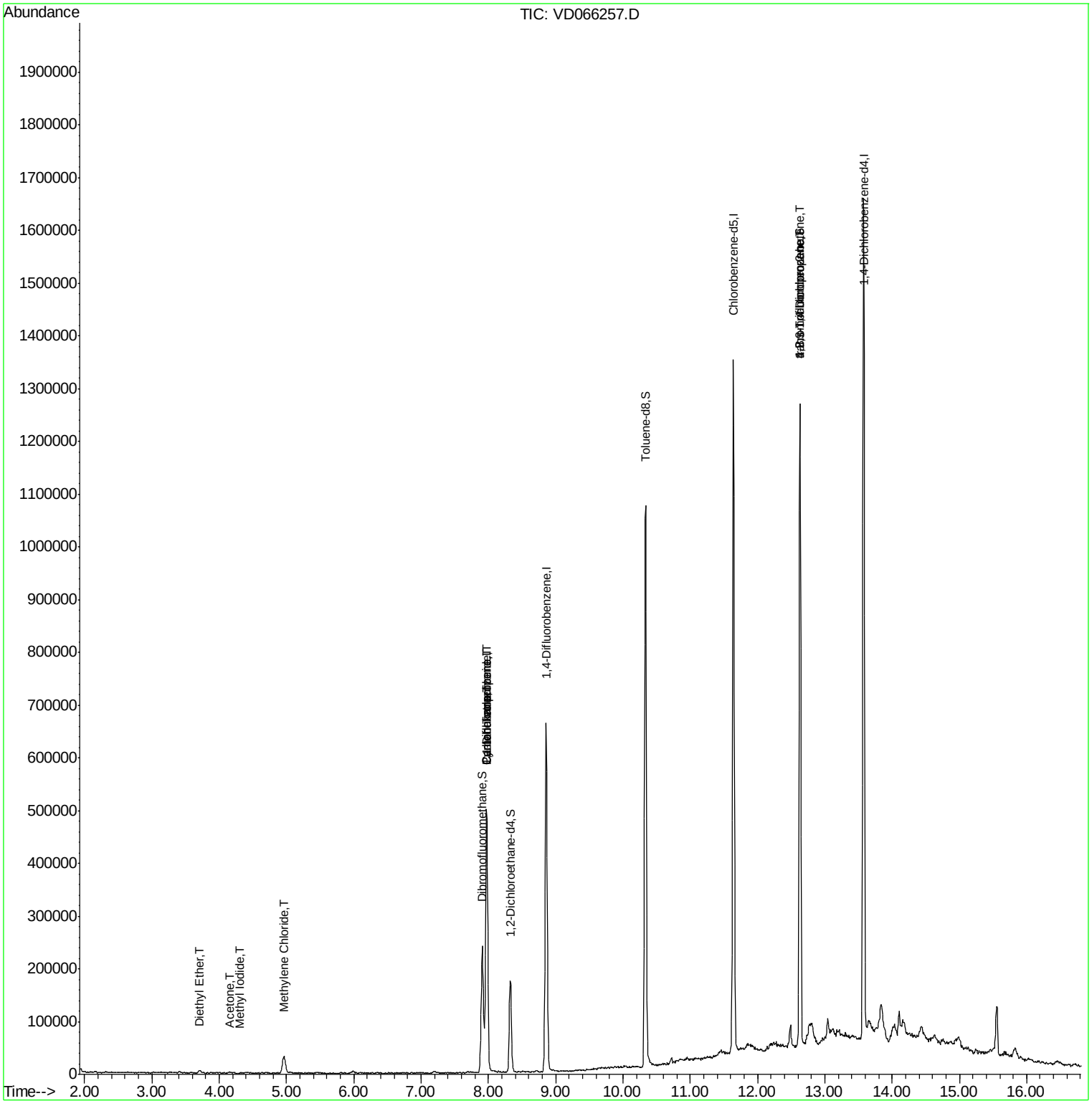
(#) = qualifier out of range (m) = manual integration (+) = signals summed

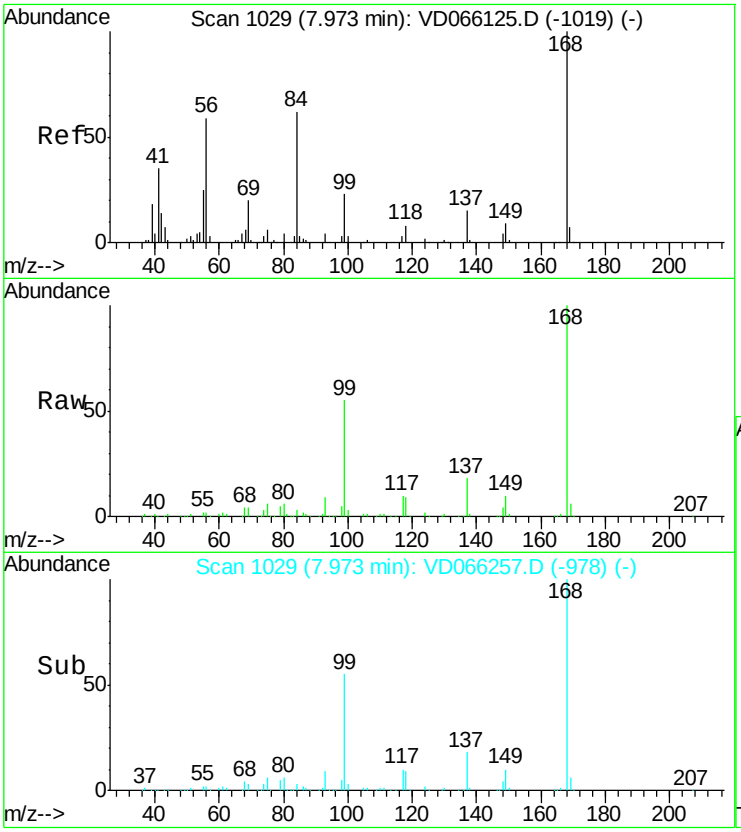
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081720\
Data File : VD066257.D
Acq On : 17 Aug 2020 14:56
Operator : VA/SY
Sample : L3679-11RE
Misc : 9.13G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S411-K-SO-1-1.5-081220RE

Quant Time: Aug 17 15:26:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration



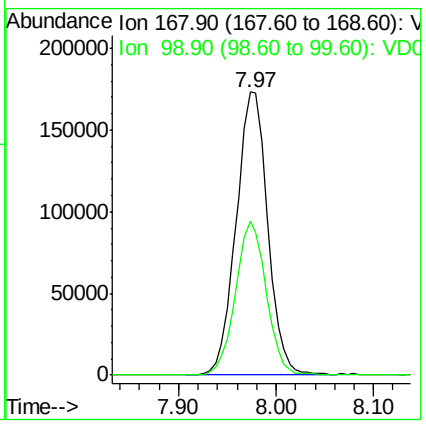


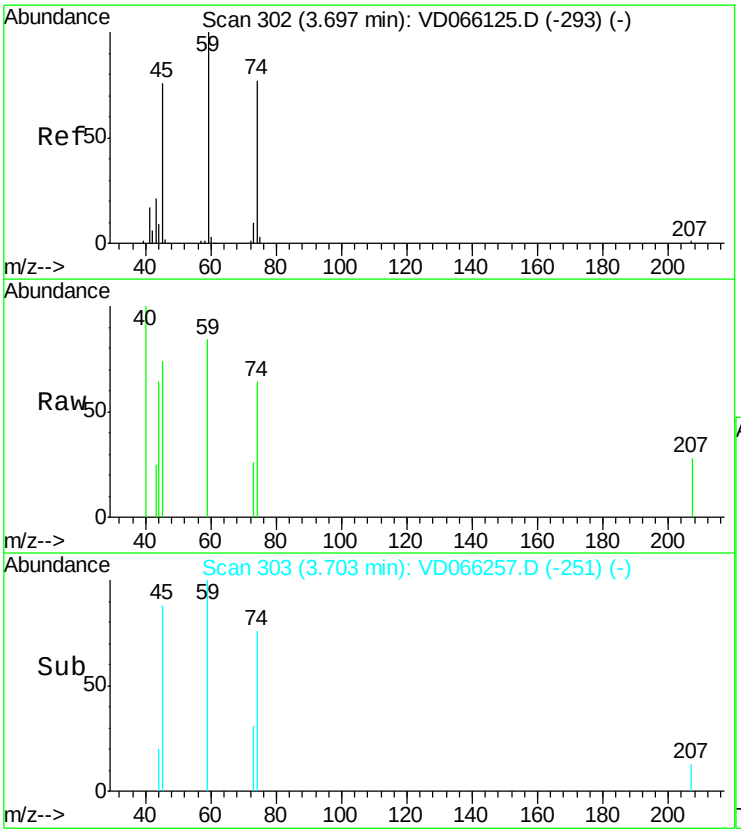
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VD066257.D
Acq: 17 Aug 2020 14:56

Instrument :
MSVOA_D
ClientSampleId :
S411-K-SO-1-1.5-081220RE

Tgt Ion:168 Resp: 392769

Ion	Ratio	Lower	Upper
168	100		
99	54.4	42.2	63.4

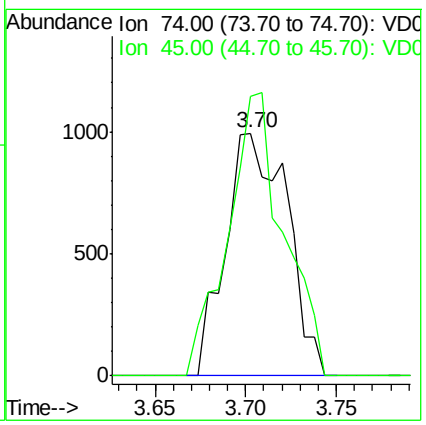


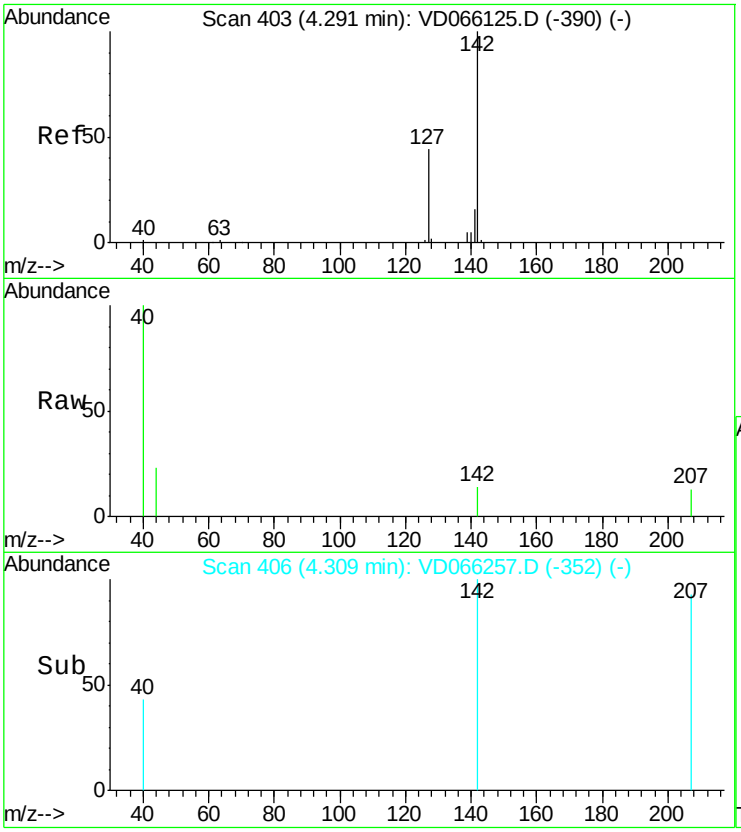


#8
Diethyl Ether
Concen: 1.340 ug/l
RT: 3.70 min Scan# 303
Delta R.T. 0.01 min
Lab File: VD066257.D
Acq: 17 Aug 2020 14:56

Tgt Ion: 74 Resp: 2349

Ion	Ratio	Lower	Upper
74	100		
45	105.7	48.4	145.2



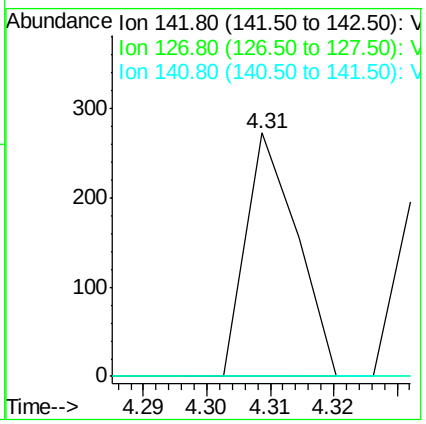


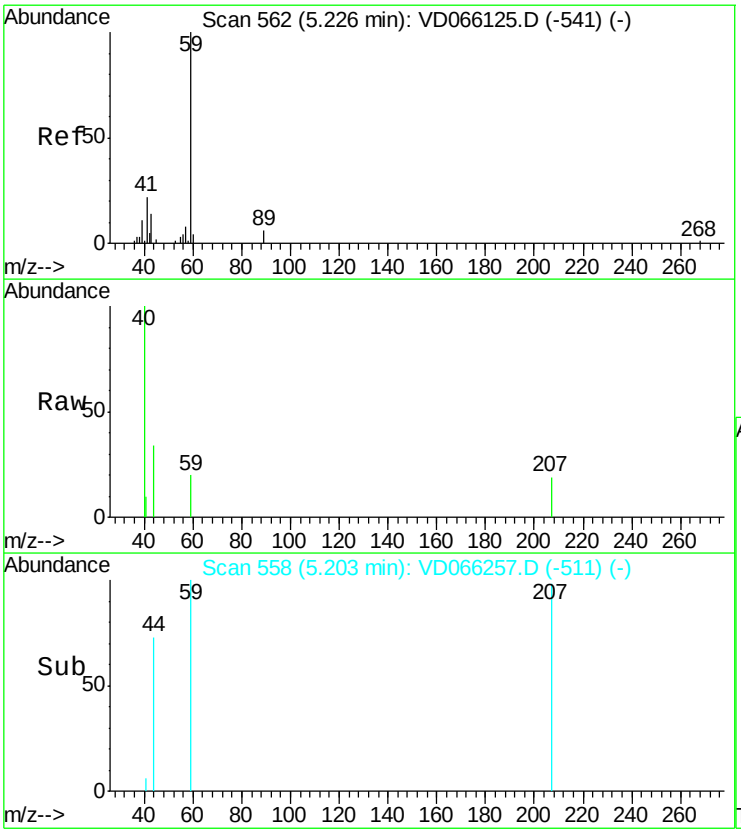
#10
Methyl Iodide
Concen: 6.750 ug/l
RT: 4.31 min Scan# 406
Delta R.T. 0.02 min
Lab File: VD066257.D
Acq: 17 Aug 2020 14:56

Instrument :
MSVOA_D
ClientSampleId :
S411-K-SO-1-1.5-081220RE

Tgt Ion:142 Resp: 151

Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.2	54.4#
141	0.0	12.6	18.8#

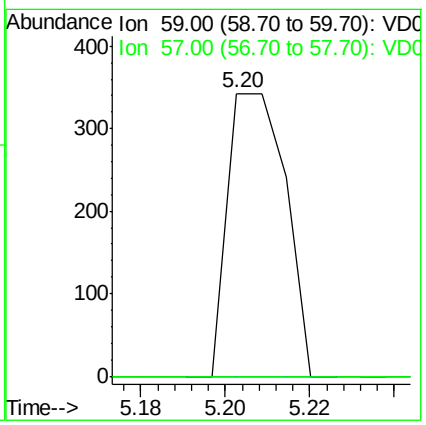


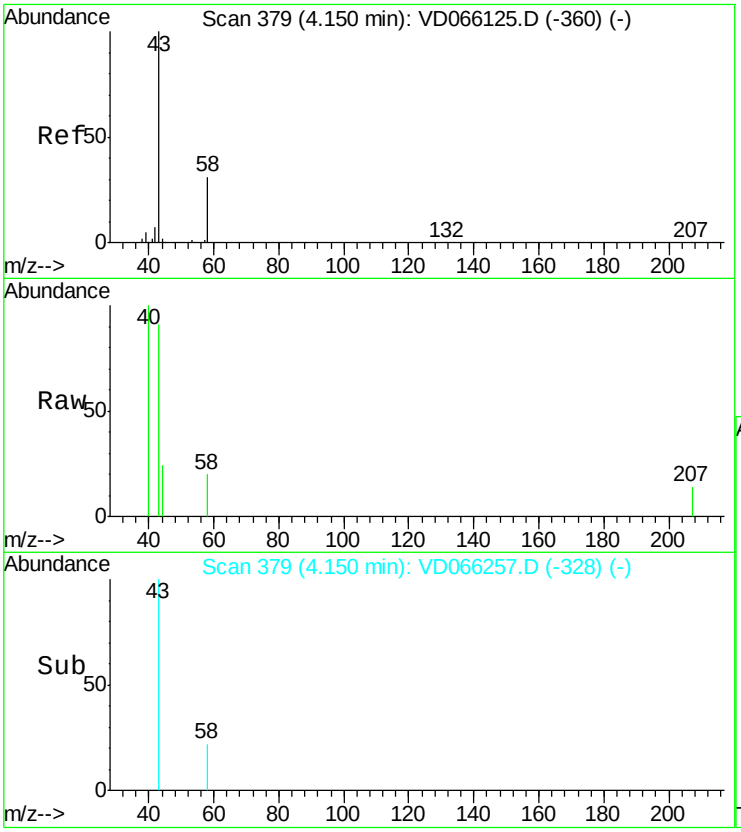


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.20 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD066257.D
Acq: 17 Aug 2020 14:56

Tgt Ion: 59 Resp: 327

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.0	10.4#



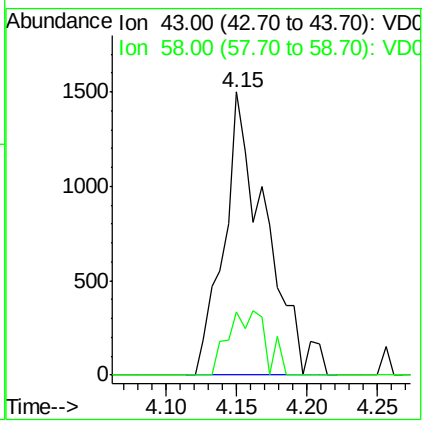


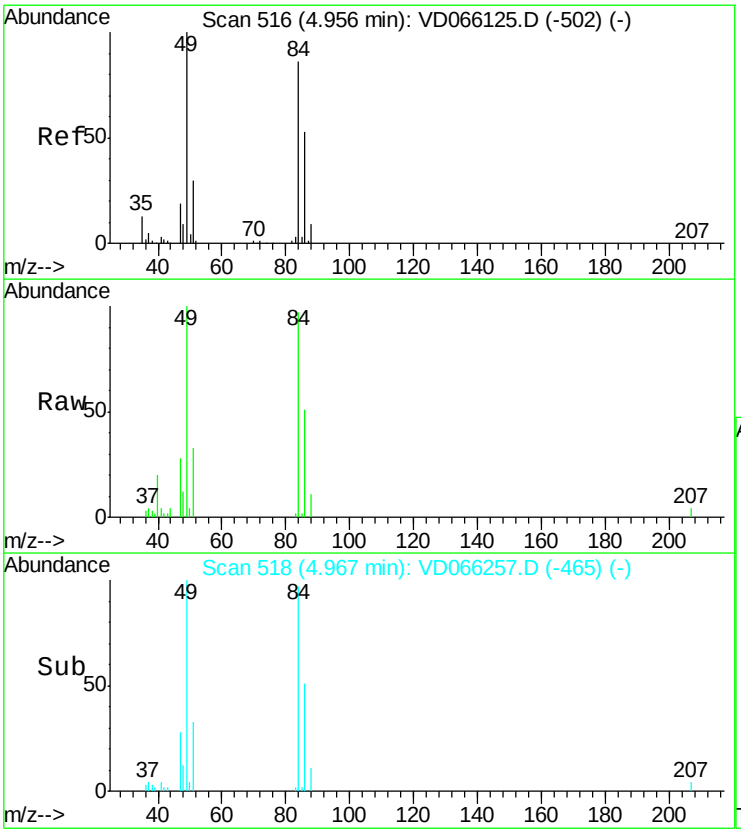
#16
Acetone
Concen: 4.691 ug/l
RT: 4.15 min Scan# 379
Delta R.T. 0.00 min
Lab File: VD066257.D
Acq: 17 Aug 2020 14:56

Instrument :
MSVOA_D
ClientSampleId :
S411-K-SO-1-1.5-081220RE

Tgt Ion: 43 Resp: 3119

Ion	Ratio	Lower	Upper
43	100		
58	22.2	24.7	37.1#

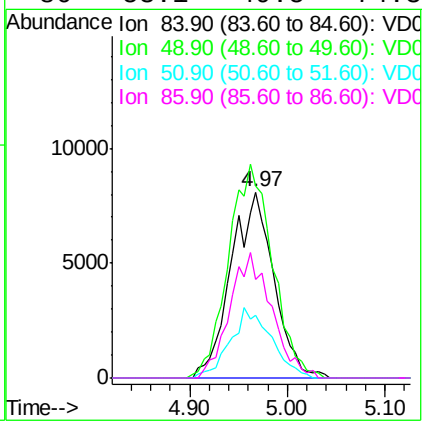


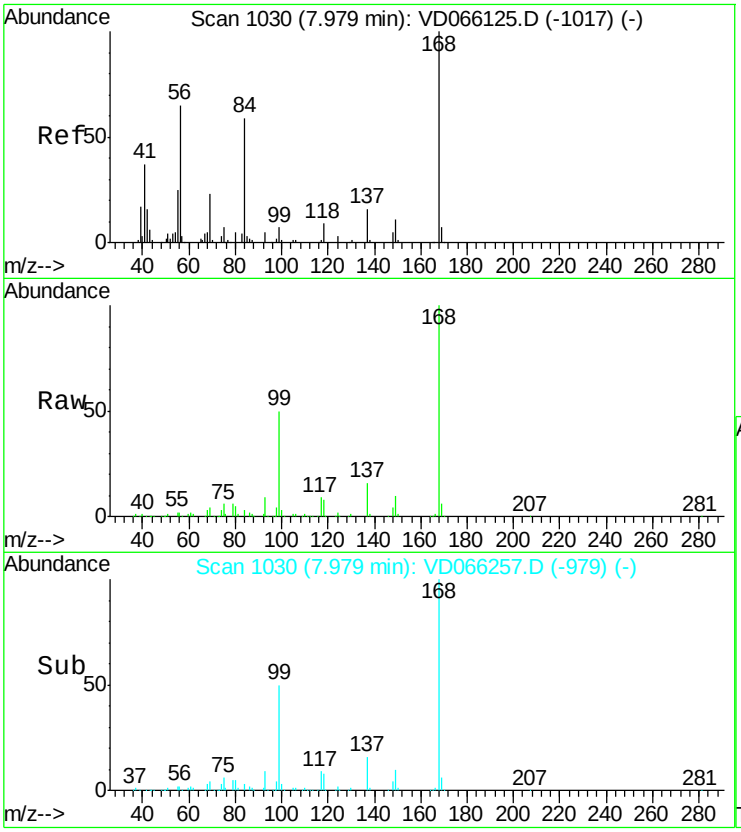


#20
Methylene Chloride
Concen: 2.017 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066257.D
Acq: 17 Aug 2020 14:56

Tgt Ion: 84 Resp: 24793

Ion	Ratio	Lower	Upper
84	100		
49	103.5	93.5	140.3
51	33.9	28.2	42.4
86	53.1	49.5	74.3



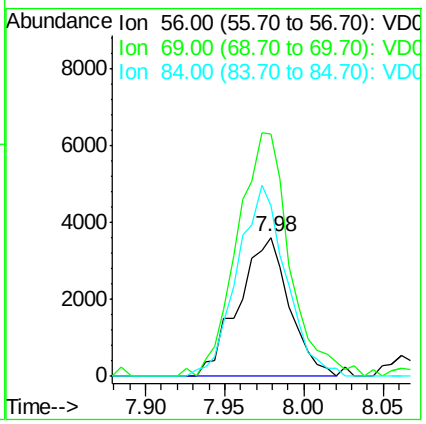


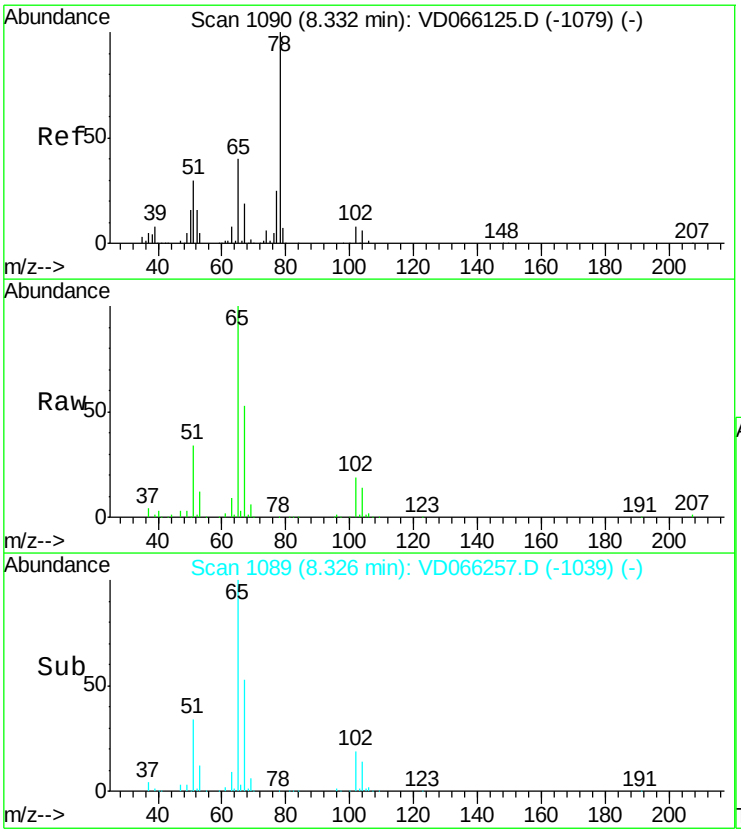
#31
Cyclohexane
Concen: 1.307 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066257.D
Acq: 17 Aug 2020 14:56

Instrument :
MSVOA_D
ClientSampleId :
S411-K-SO-1-1.5-081220RE

Tgt Ion: 56 Resp: 8022

Ion	Ratio	Lower	Upper
56	100		
69	169.0	28.8	43.2#
84	122.9	73.0	109.6#

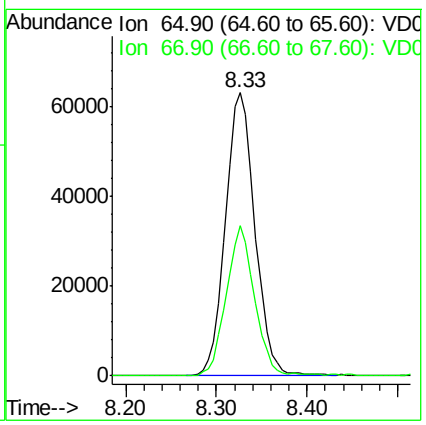


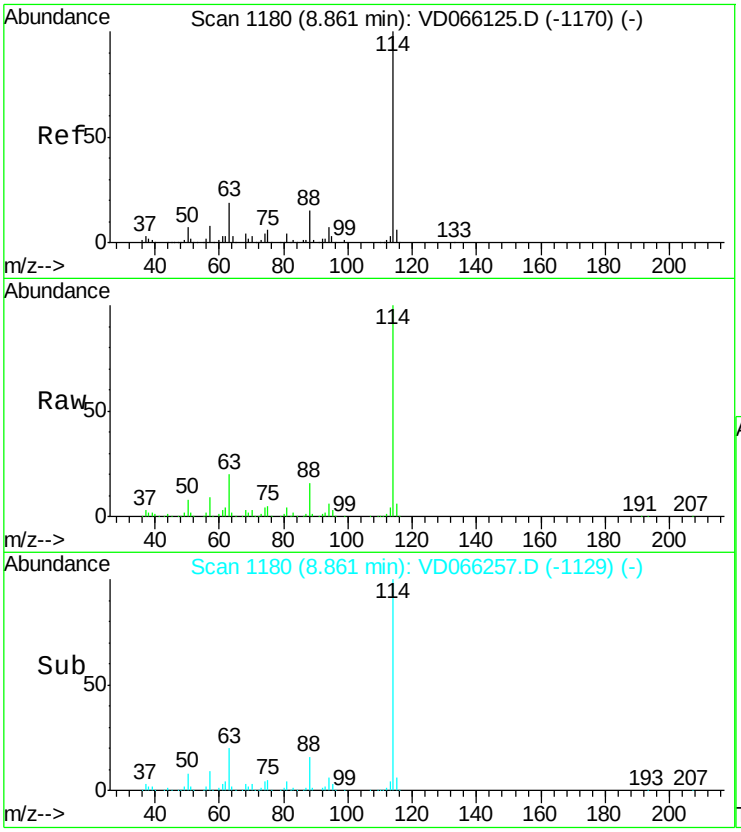


#33
1,2-Dichloroethane-d4
Concen: 40.682 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066257.D
Acq: 17 Aug 2020 14:56

Tgt Ion: 65 Resp: 142554

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	104.6



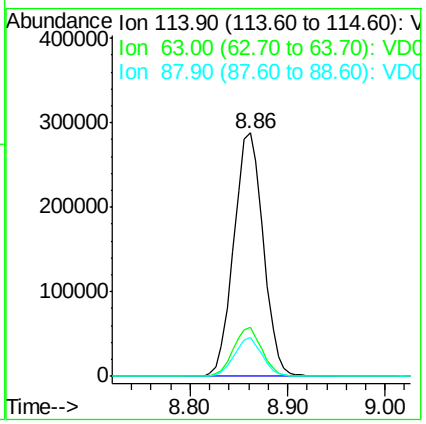


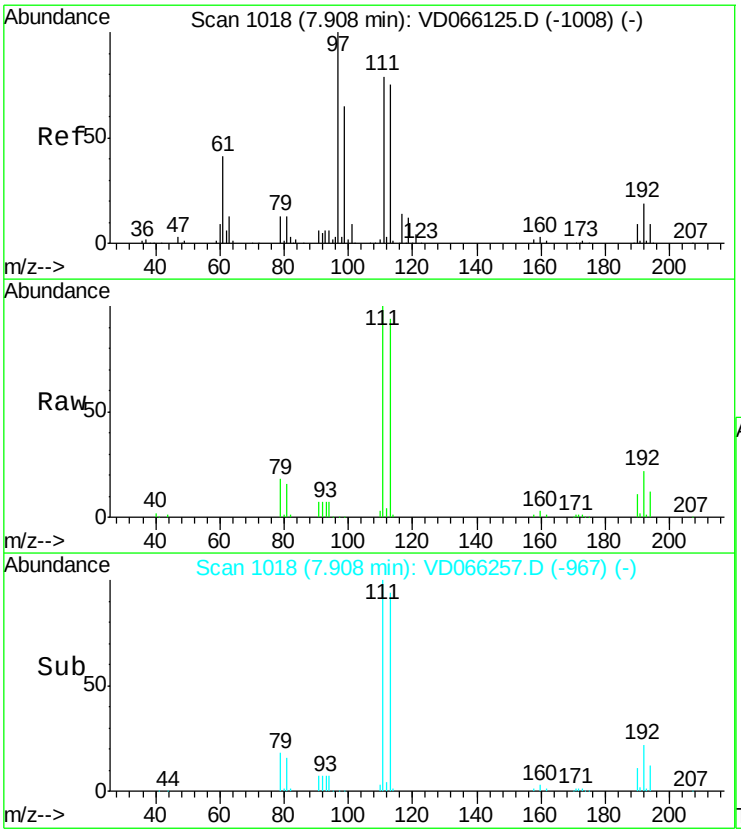
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD066257.D
Acq: 17 Aug 2020 14:56

Instrument :
MSVOA_D
ClientSampleId :
S411-K-SO-1-1.5-081220RE

Tgt Ion:114 Resp: 602818

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	38.6
88	15.7	0.0	30.0

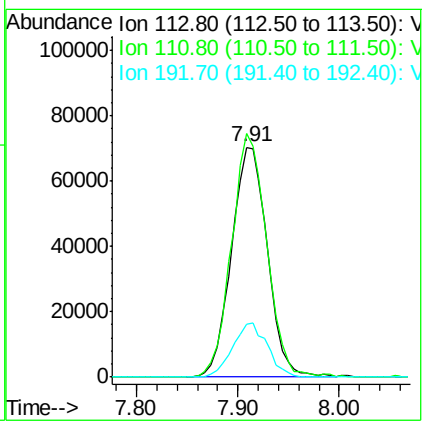


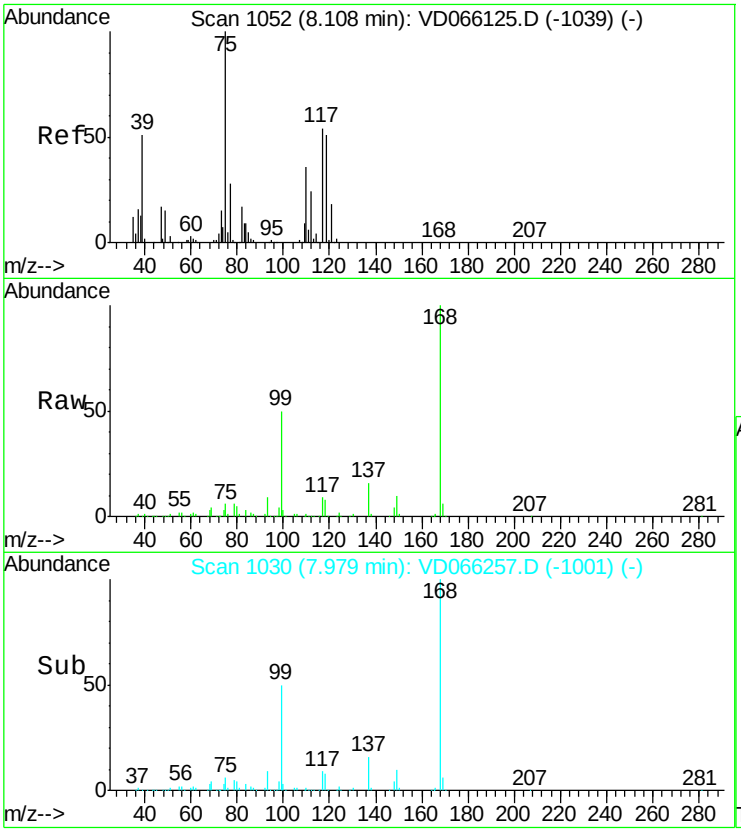


#35
Dibromofluoromethane
Concen: 45.182 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD066257.D
Acq: 17 Aug 2020 14:56

Tgt Ion:113 Resp: 172542

Ion	Ratio	Lower	Upper
113	100		
111	103.9	80.7	121.1
192	22.7	18.4	27.6



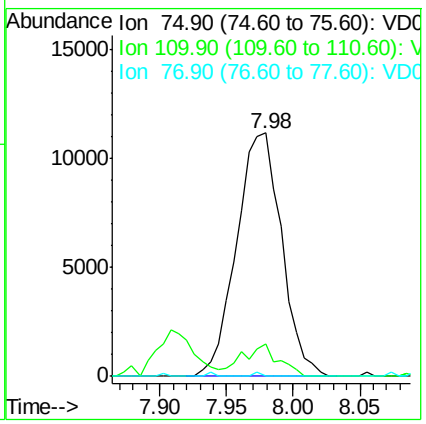


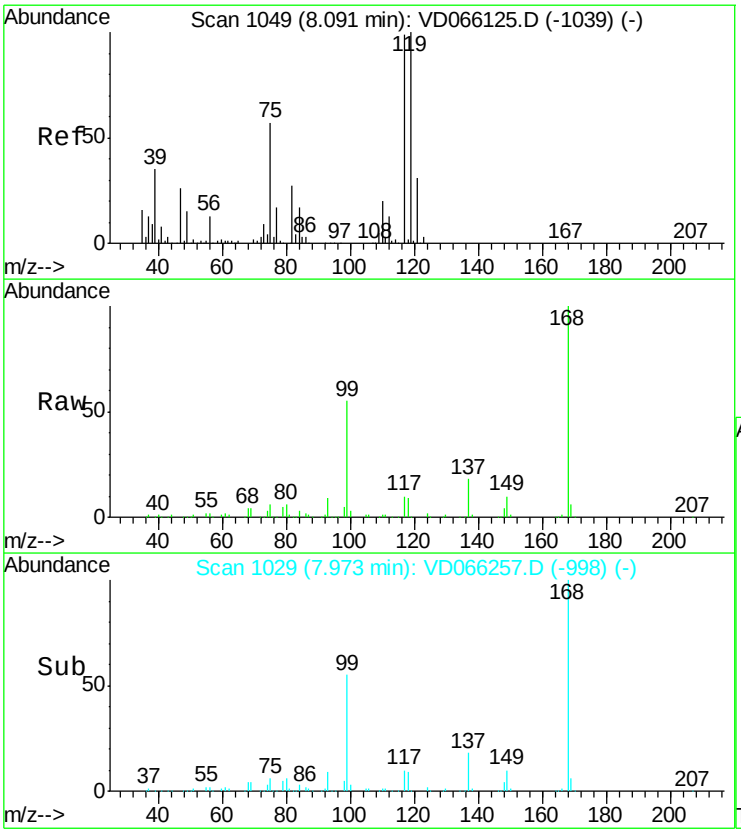
#36
1,1-Dichloropropene
Concen: 4.597 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.13 min
Lab File: VD066257.D
Acq: 17 Aug 2020 14:56

Instrument :
MSVOA_D
ClientSampleId :
S411-K-SO-1-1.5-081220RE

Tgt Ion: 75 Resp: 26039

Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.8	56.3#
77	0.2	24.2	36.2#

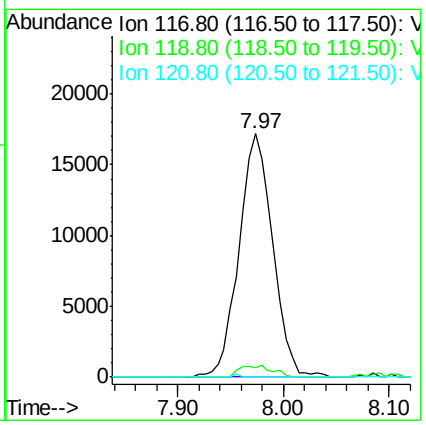


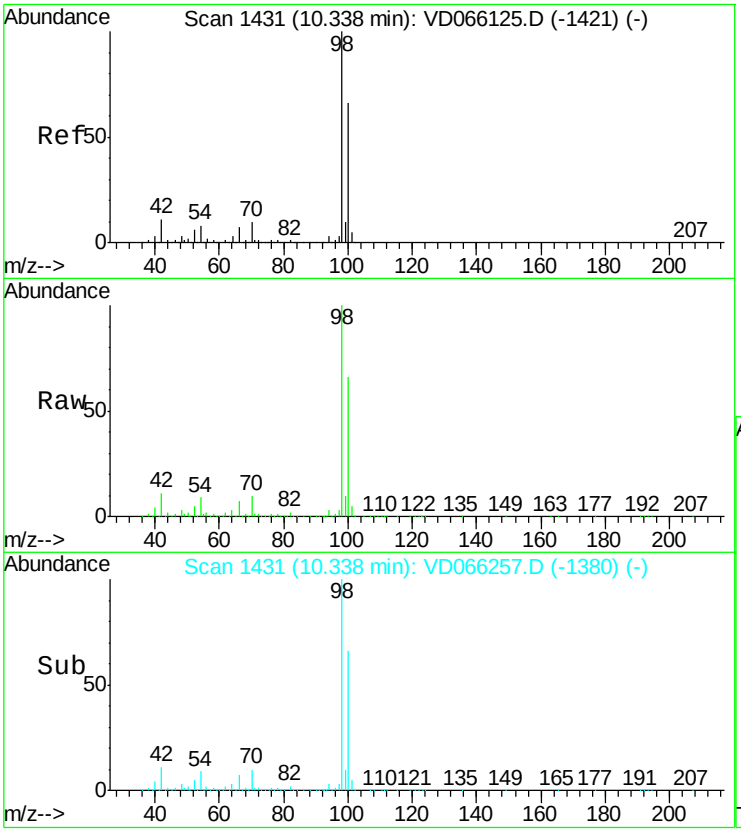


#38
Carbon Tetrachloride
Concen: 6.043 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD066257.D
Acq: 17 Aug 2020 14:56

Tgt Ion:117 Resp: 38175

Ion	Ratio	Lower	Upper
117	100		
119	4.1	81.0	121.4#
121	0.0	24.8	37.2#



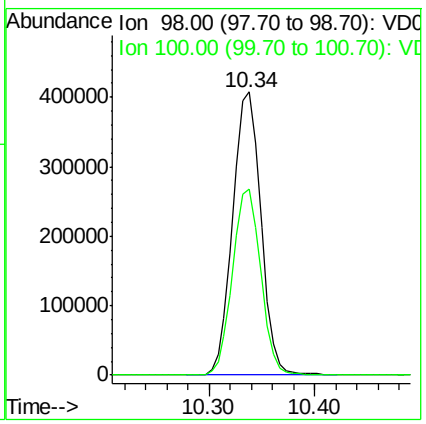


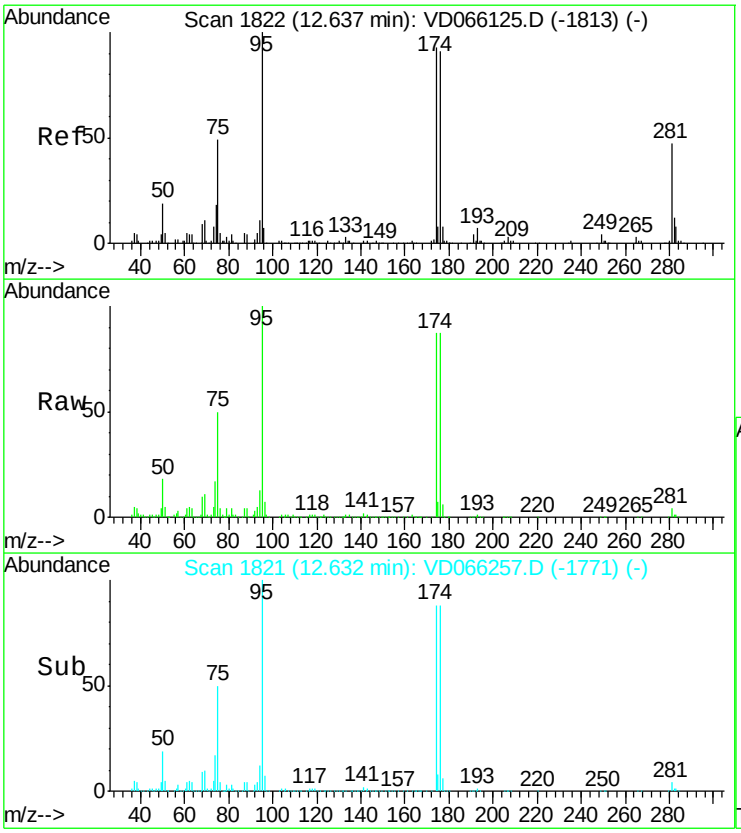
#50
Toluene-d8
Concen: 53.537 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066257.D
Acq: 17 Aug 2020 14:56

Instrument :
MSVOA_D
ClientSampleId :
S411-K-SO-1-1.5-081220RE

Tgt Ion: 98 Resp: 754454

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.6	78.8

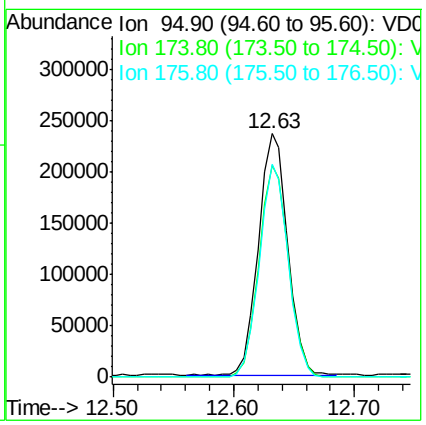


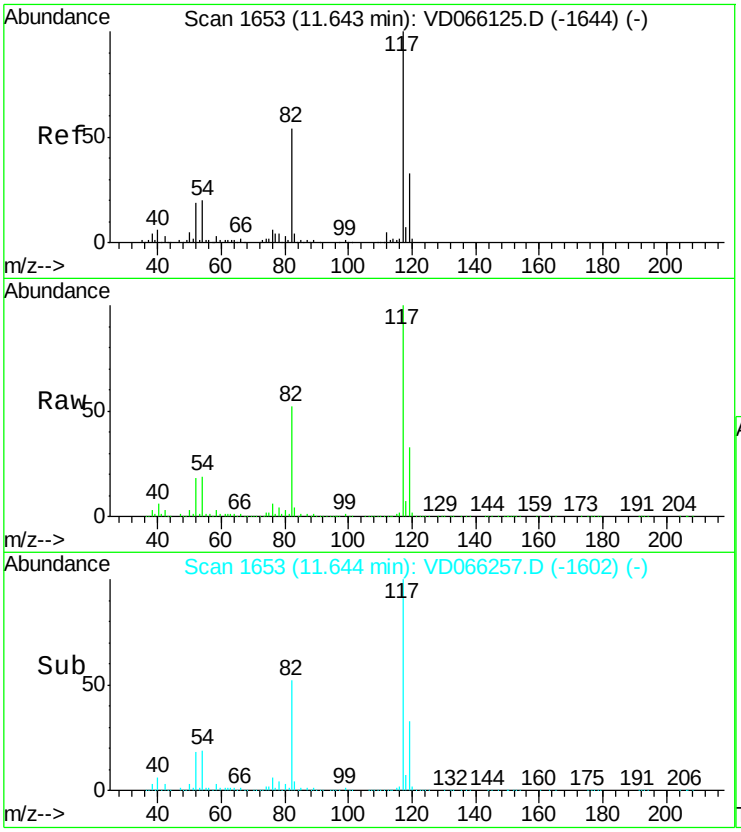


#62
4-Bromofluorobenzene
Concen: 78.101 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066257.D
Acq: 17 Aug 2020 14:56

Tgt Ion: 95 Resp: 396732

Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	180.8
176	87.1	0.0	181.2



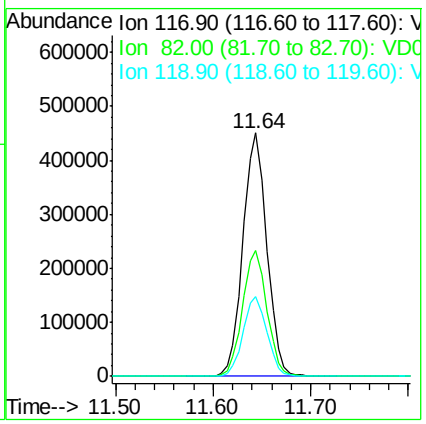


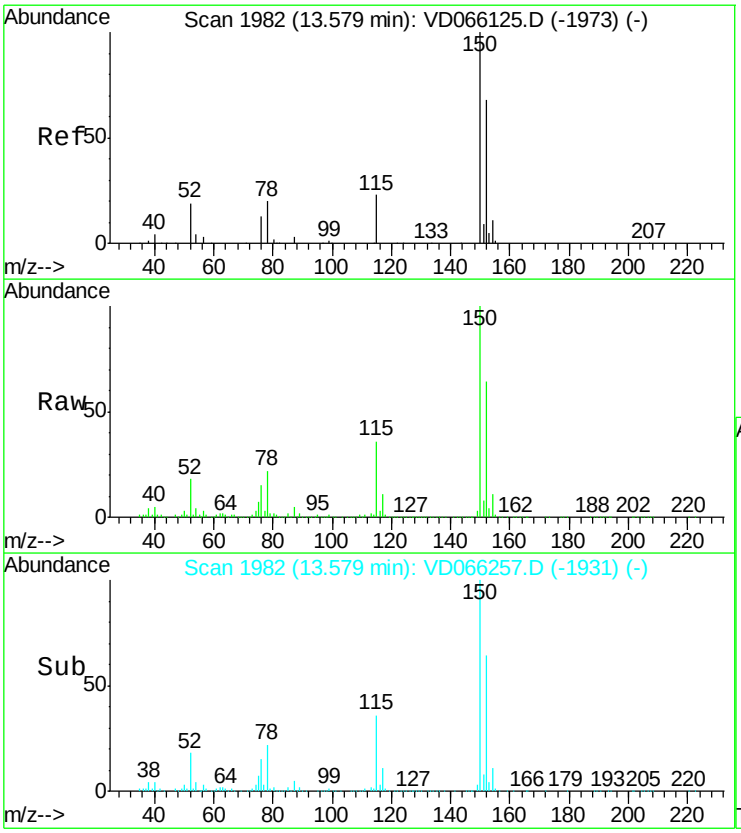
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066257.D
Acq: 17 Aug 2020 14:56

Instrument :
MSVOA_D
ClientSampleId :
S411-K-SO-1-1.5-081220RE

Tgt Ion:117 Resp: 768317

Ion	Ratio	Lower	Upper
117	100		
82	51.7	43.0	64.4
119	32.6	26.1	39.1

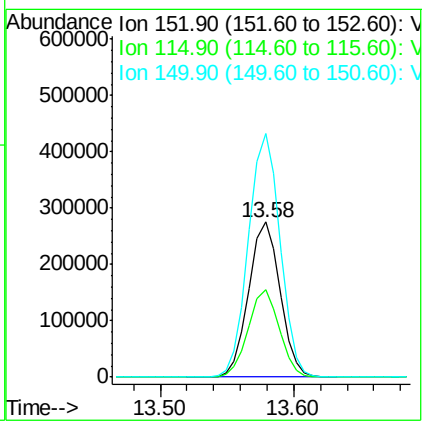


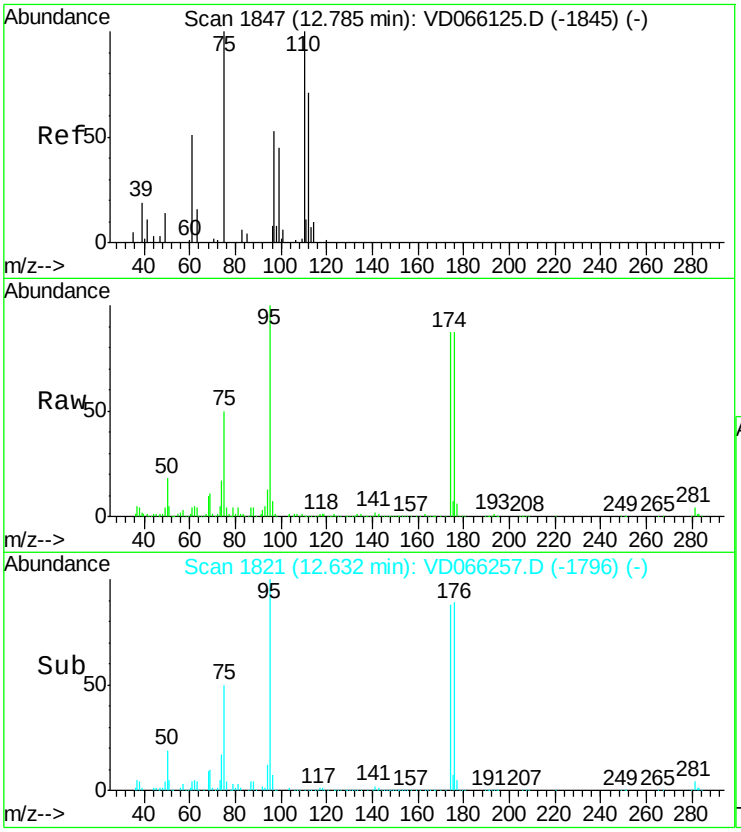


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066257.D
Acq: 17 Aug 2020 14:56

Tgt Ion:152 Resp: 447050

Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.0	83.9
150	157.8	0.0	346.4



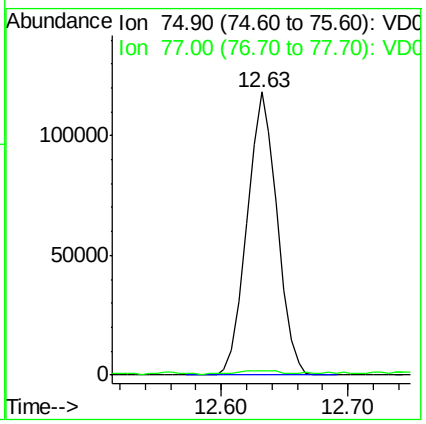


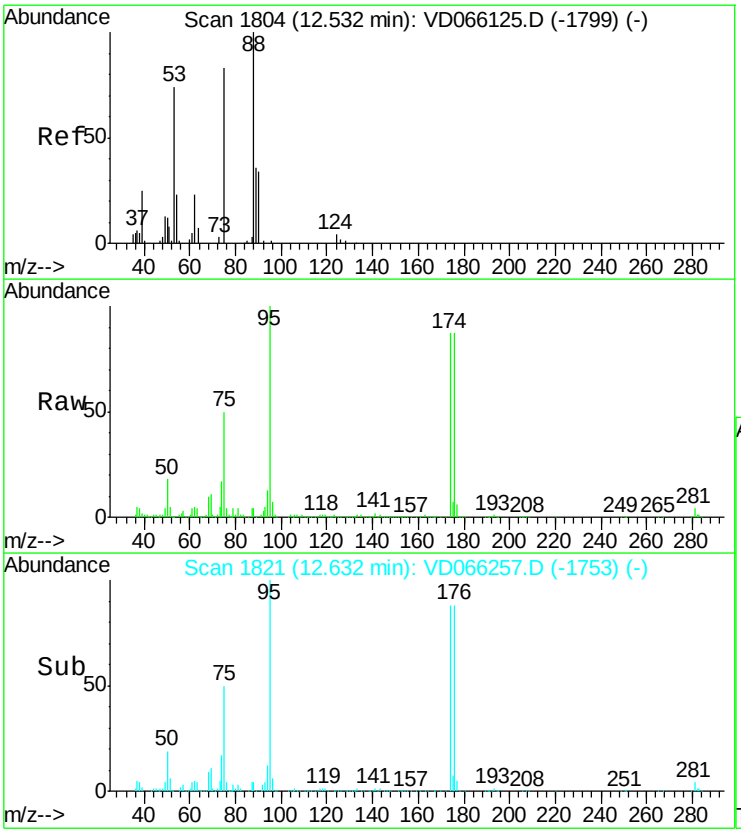
#76
1,2,3-Trichloropropane
Concen: 52.430 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066257.D
Acq: 17 Aug 2020 14:56

Instrument :
MSVOA_D
ClientSampleId :
S411-K-SO-1-1.5-081220RE

Tgt Ion: 75 Resp: 195462

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 115.899 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD066257.D
Acq: 17 Aug 2020 14:56

Tgt Ion: 75 Resp: 195462

Ion	Ratio	Lower	Upper
75	100		
53	0.2	73.4	110.2#
89	0.3	36.6	55.0#