Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081720\
Data File : VD066258.D
Acq On : 17 Aug 2020 15:23
Operator : VA/SY
Sample : L3679-12
Misc : 7.67G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : S412-K-SO-1-1.5-081220

Quant Time: Aug 17 15:41:13 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	388415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	602711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	726441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	381477	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	144057	41.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.14%			
35) Dibromofluoromethane	7.91	113	173290	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.78%			
50) Toluene-d8	10.34	98	738343	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.80%			
62) 4-Bromofluorobenzene	12.63	95	364071	71.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 143.36%			
Target Compounds						Qvalue
8) Diethyl Ether	3.71	74	2460	1.419	ug/l	99
10) Methyl Iodide	4.31	142	425	6.822	ug/l #	39
11) Tert butyl alcohol	5.23	59	321	Below Cal	#	76
20) Methylene Chloride	4.97	84	44019	7.712	ug/l	93
31) Cyclohexane	7.97	56	7044	1.160	ug/l #	6
36) 1,1-Dichloropropene	7.97	75	25977	4.587	ug/l #	49
38) Carbon Tetrachloride	7.98	117	37160	5.884	ug/l #	14
51) 4-Methyl-2-Pentanone	10.33	43	3465	1.526	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	180322	56.683	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	180322	125.301	ug/l #	13

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081720\
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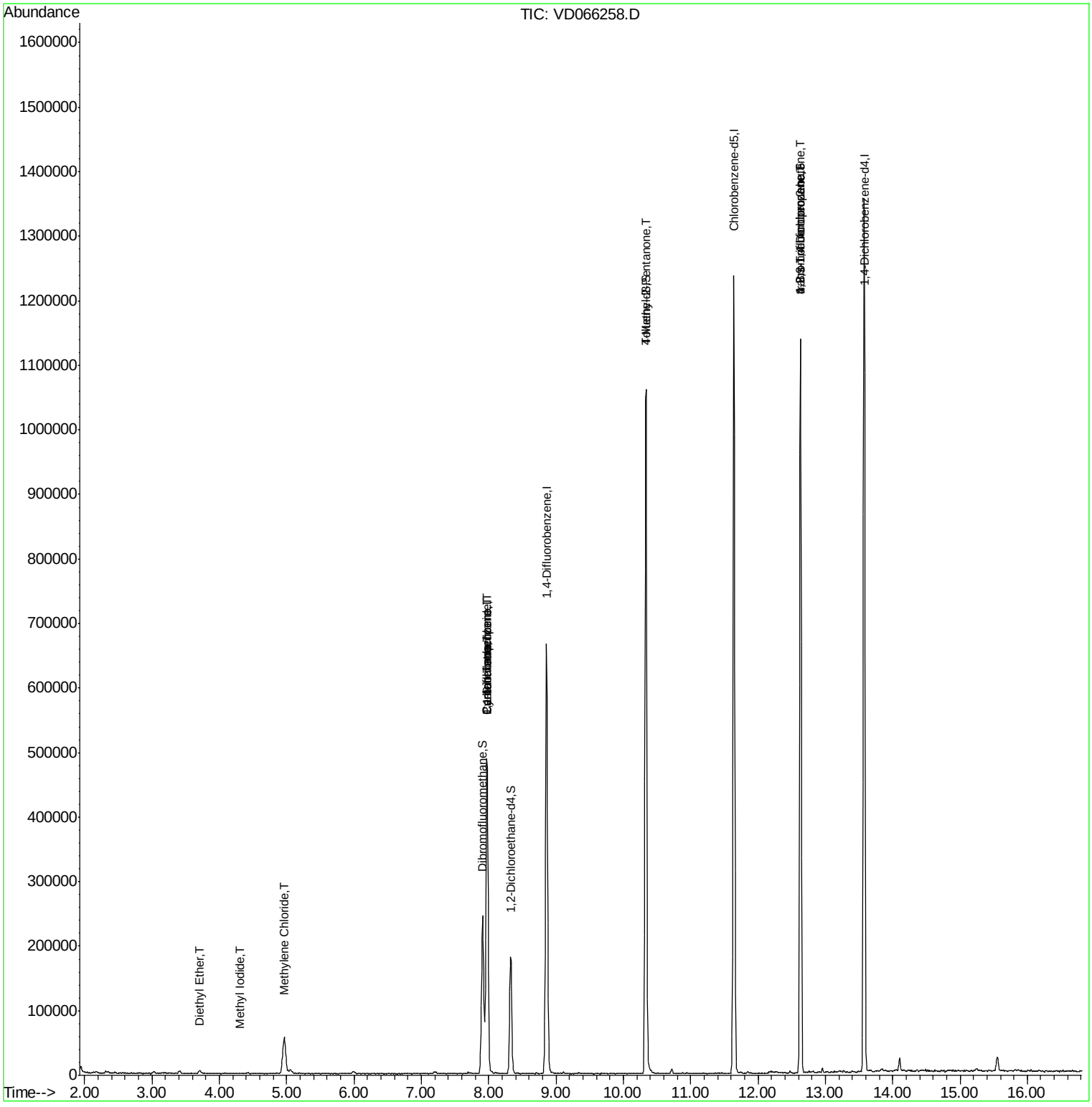
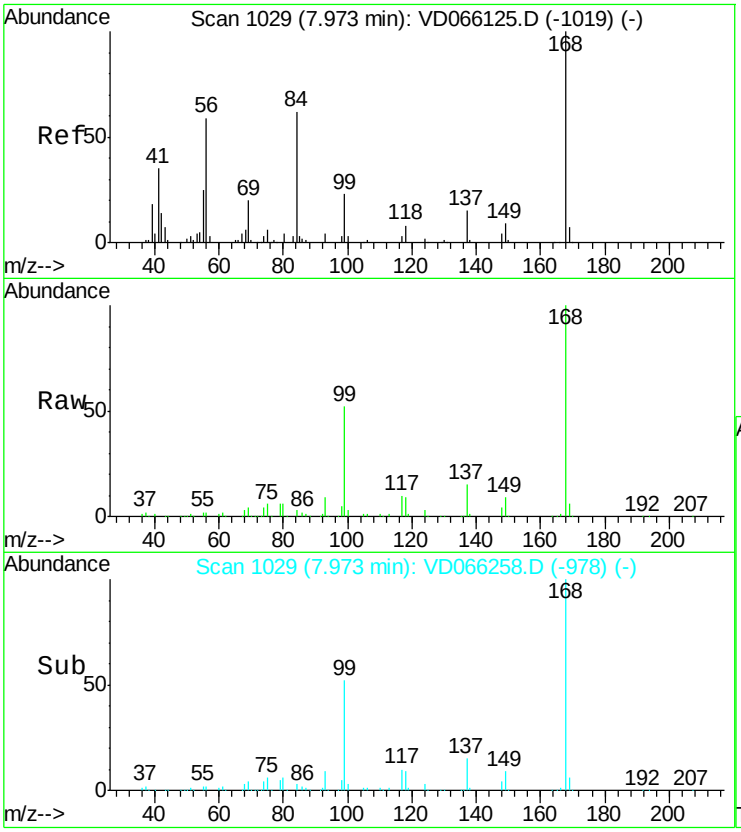
Misc : 7.67G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S412-K-SO-1-1.5-081220

Quant Time: Aug 17 15:41:13 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



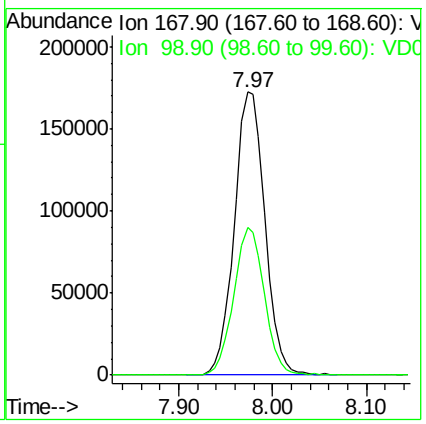


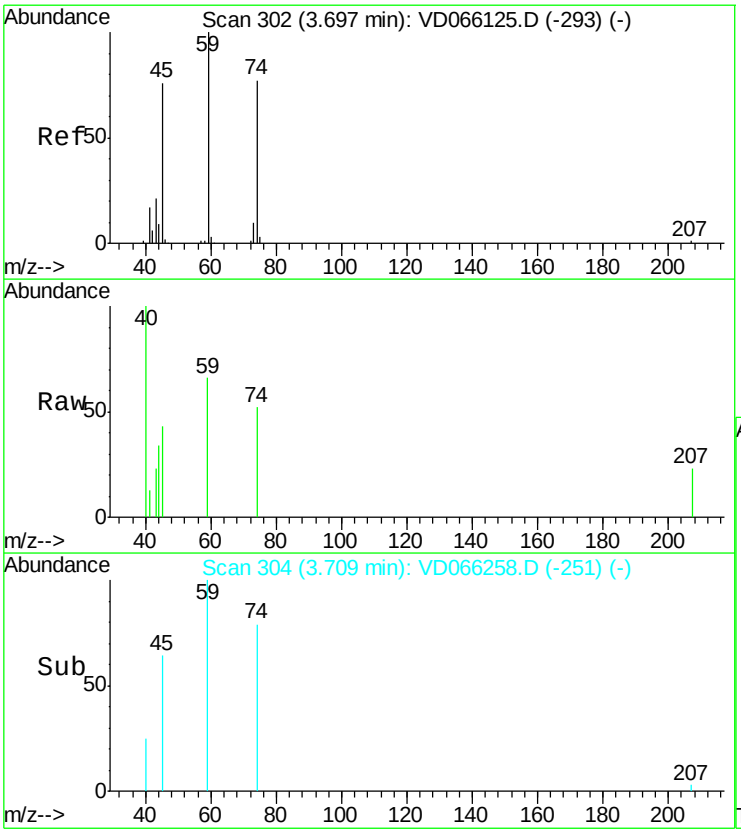
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VD066258.D
Acq: 17 Aug 2020 15:23

Instrument :
MSVOA_D
ClientSampleId :
S412-K-SO-1-1.5-081220

Tgt Ion:168 Resp: 388415

Ion	Ratio	Lower	Upper
168	100		
99	52.1	42.2	63.4

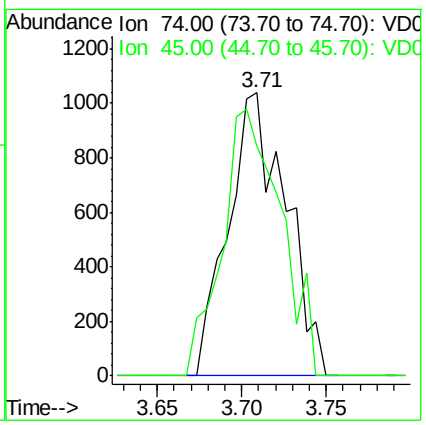


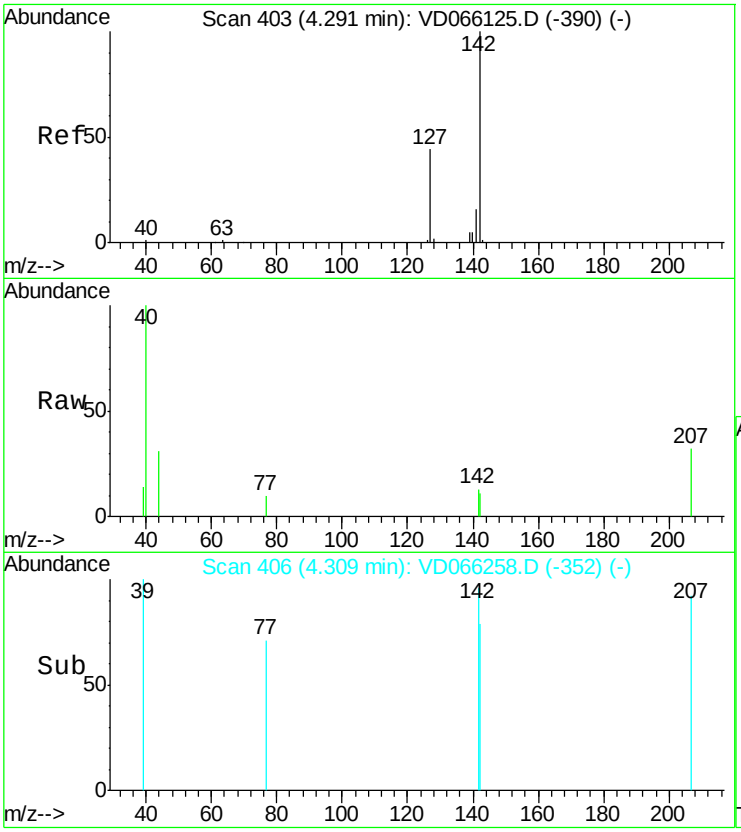


#8
Diethyl Ether
Concen: 1.419 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD066258.D
Acq: 17 Aug 2020 15:23

Tgt Ion: 74 Resp: 2460

Ion	Ratio	Lower	Upper
74	100		
45	95.7	48.4	145.2



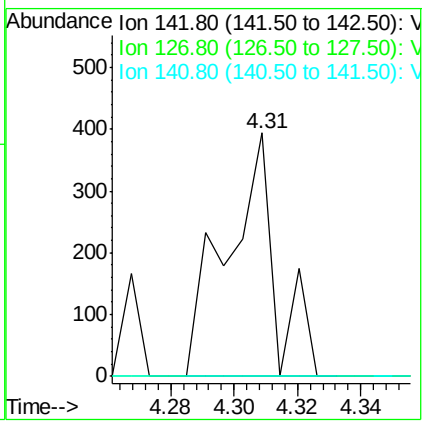


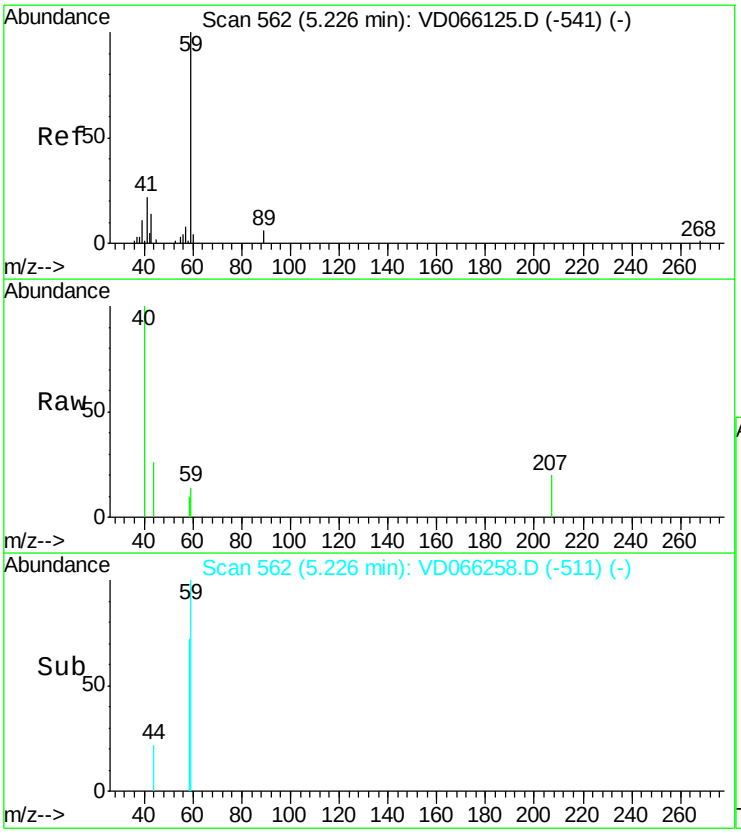
#10
Methyl Iodide
Concen: 6.822 ug/l
RT: 4.31 min Scan# 406
Delta R.T. 0.02 min
Lab File: VD066258.D
Acq: 17 Aug 2020 15:23

Instrument :
MSVOA_D
ClientSampleId :
S412-K-SO-1-1.5-081220

Tgt Ion:142 Resp: 425

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

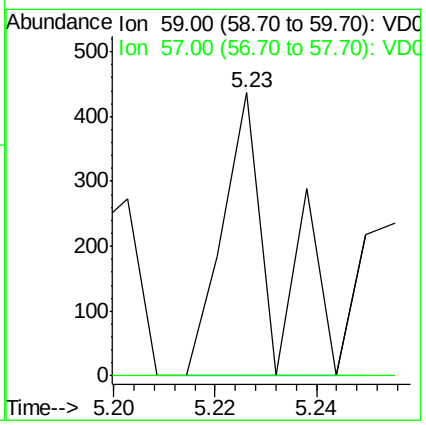


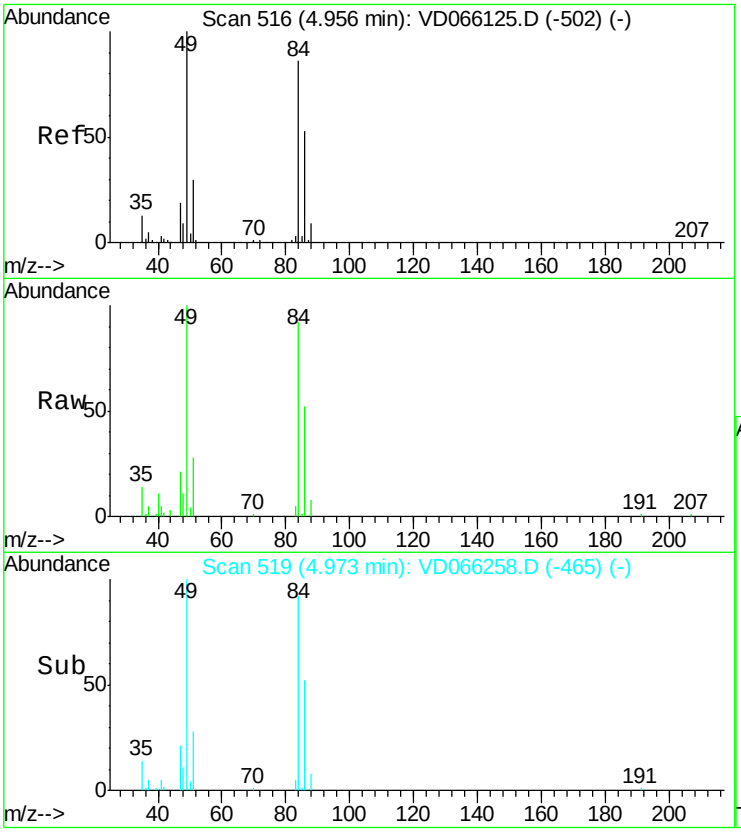


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.23 min Scan# 562
Delta R.T. 0.00 min
Lab File: VD066258.D
Acq: 17 Aug 2020 15:23

Tgt Ion: 59 Resp: 321

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.0	10.4#



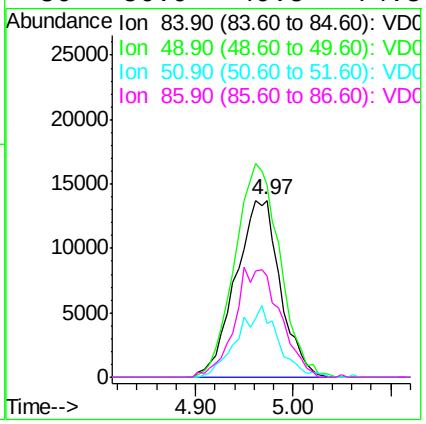


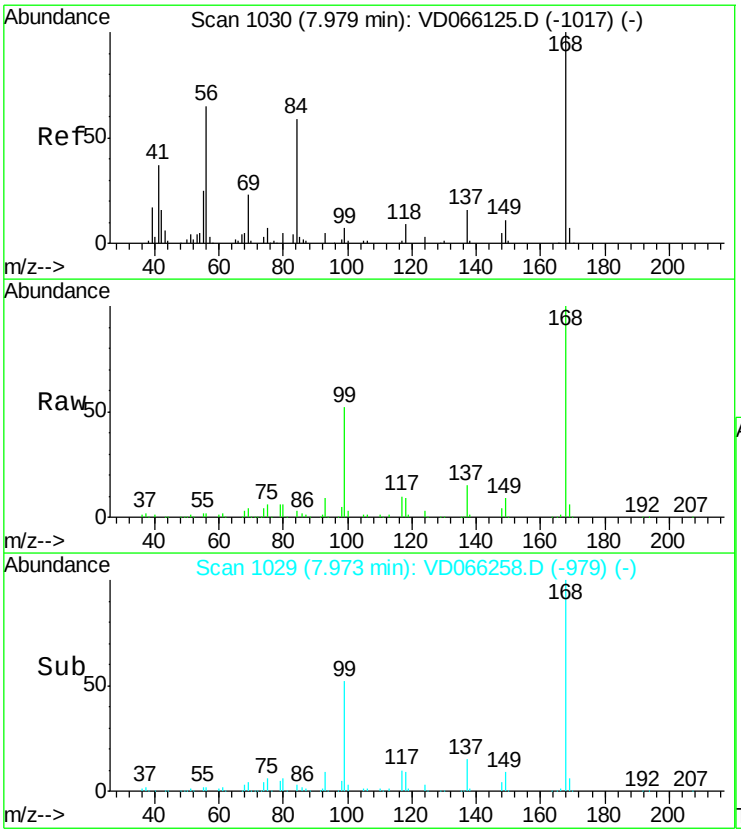
#20
Methylene Chloride
Concen: 7.712 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.02 min
Lab File: VD066258.D
Acq: 17 Aug 2020 15:23

Instrument :
MSVOA_D
ClientSampleId :
S412-K-SO-1-1.5-081220

Tgt Ion: 84 Resp: 44019

Ion	Ratio	Lower	Upper
84	100		
49	108.5	93.5	140.3
51	30.5	28.2	42.4
86	56.9	49.5	74.3

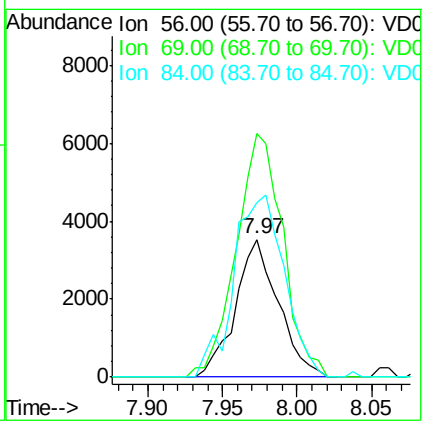


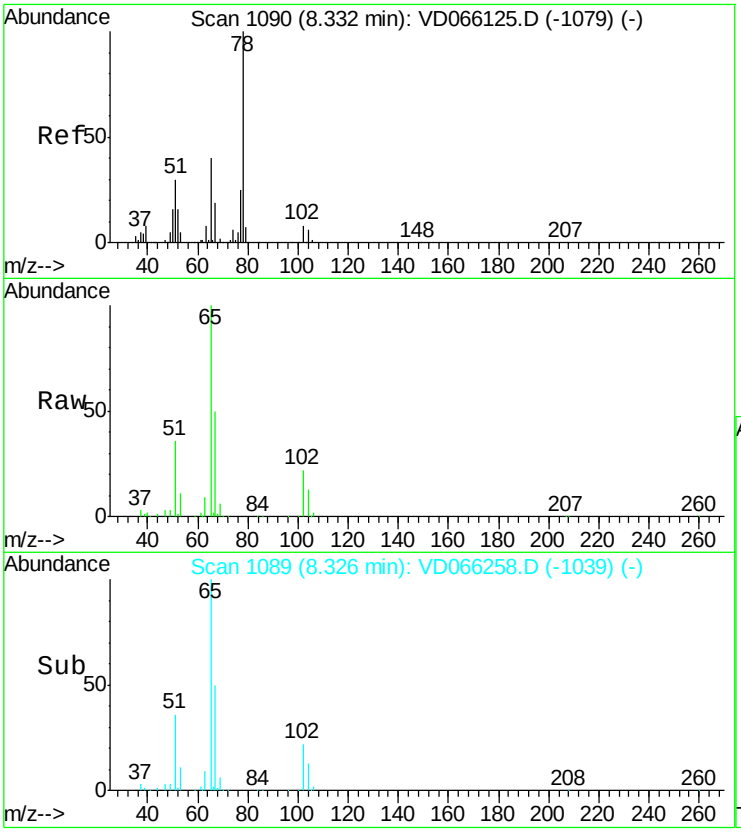


#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066258.D
Acq: 17 Aug 2020 15:23

Tgt Ion: 56 Resp: 7044

Ion	Ratio	Lower	Upper
56	100		
69	176.8	28.8	43.2#
84	126.5	73.0	109.6#



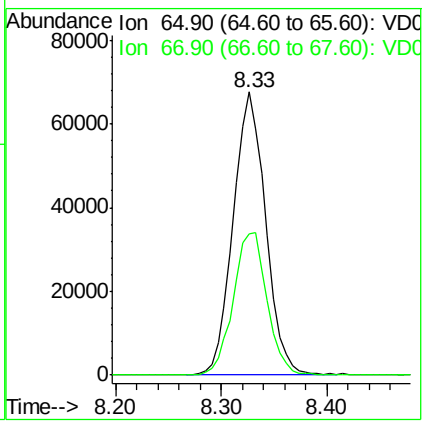


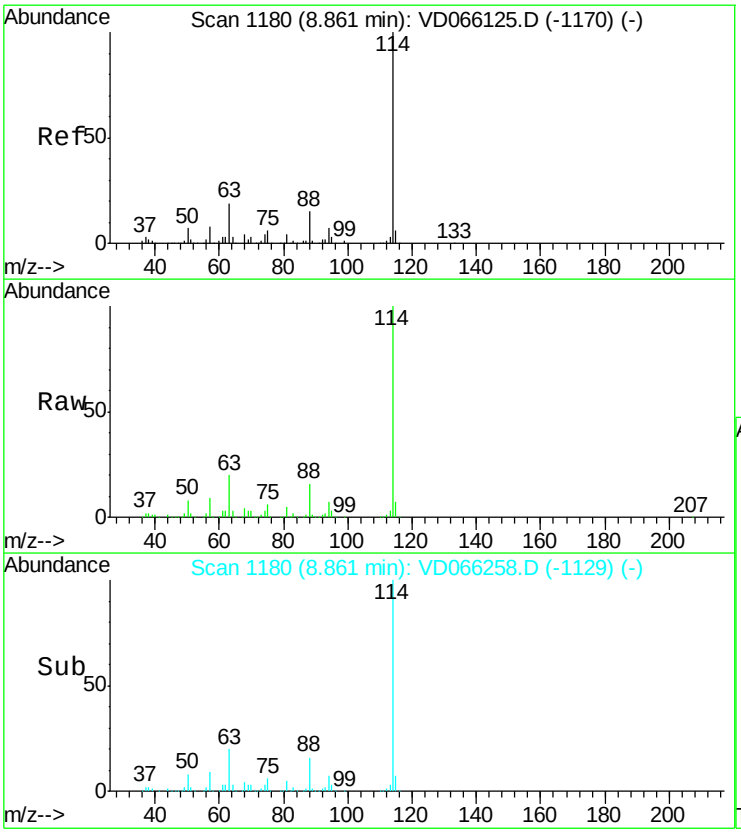
#33
1,2-Dichloroethane-d4
Concen: 41.572 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066258.D
Acq: 17 Aug 2020 15:23

Instrument :
MSVOA_D
ClientSampleId :
S412-K-SO-1-1.5-081220

Tgt Ion: 65 Resp: 144057

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.6

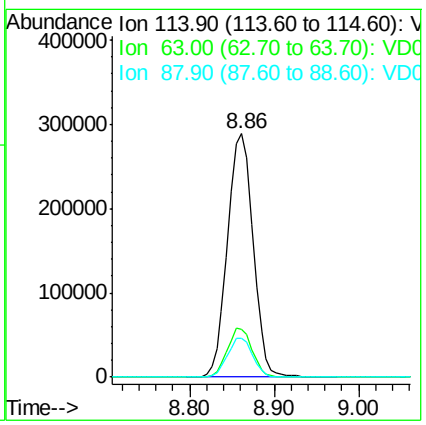


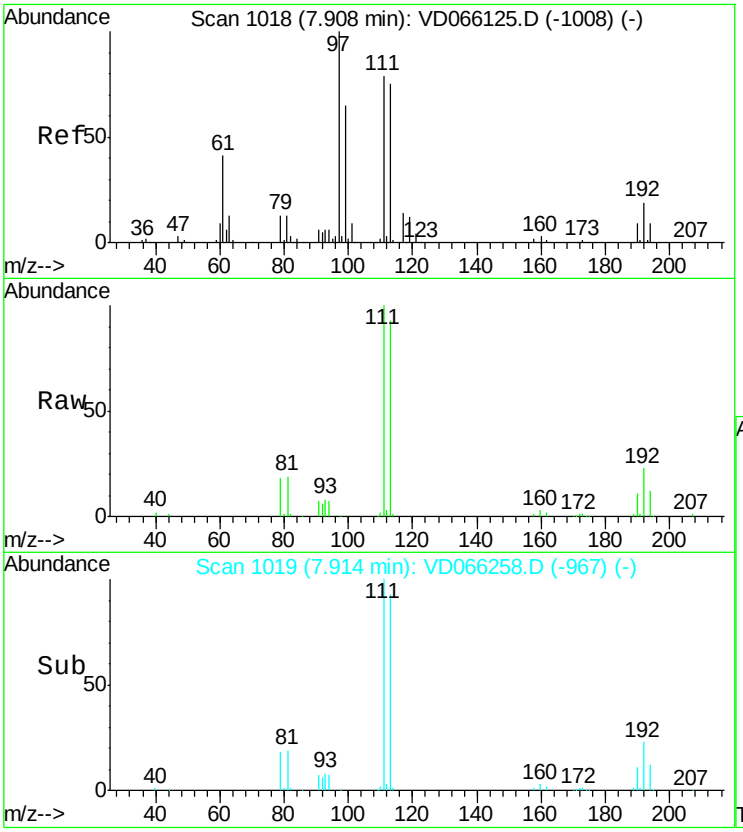


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD066258.D
Acq: 17 Aug 2020 15:23

Tgt Ion:114 Resp: 602711

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.6
88	16.1	0.0	30.0



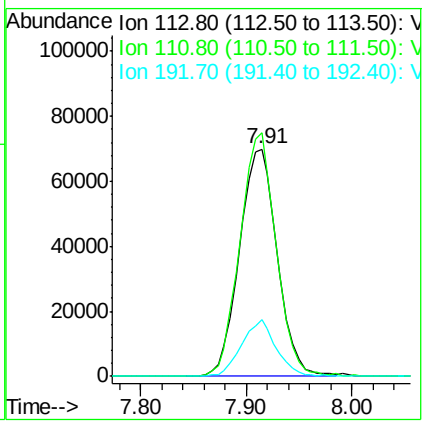


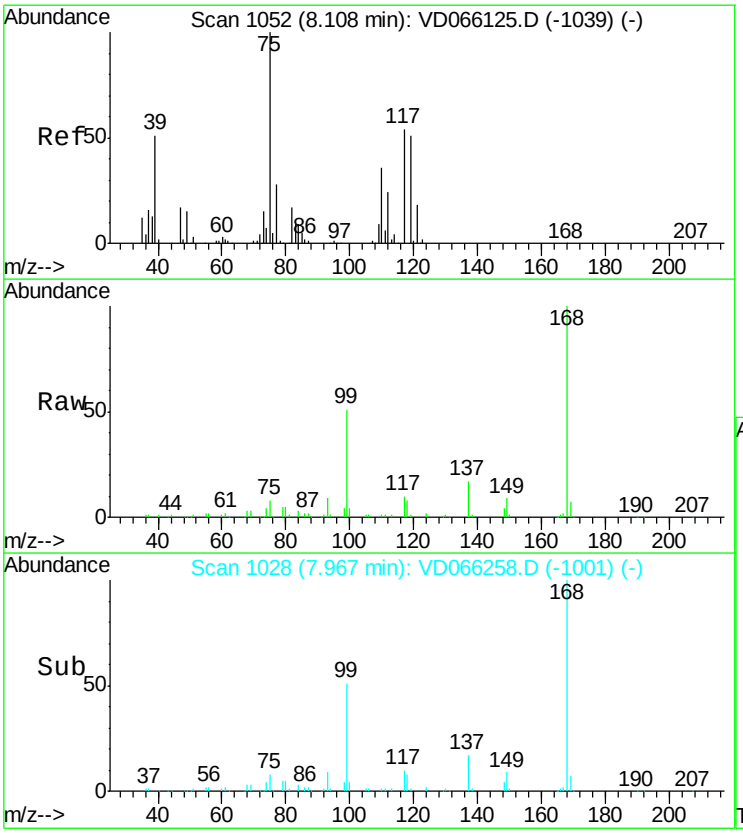
#35
Dibromofluoromethane
Concen: 45.386 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066258.D
Acq: 17 Aug 2020 15:23

Instrument :
MSVOA_D
ClientSampleId :
S412-K-SO-1-1.5-081220

Tgt Ion:113 Resp: 173290

Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.7	121.1
192	23.0	18.4	27.6

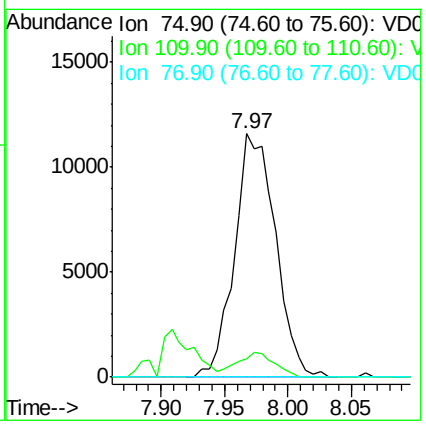


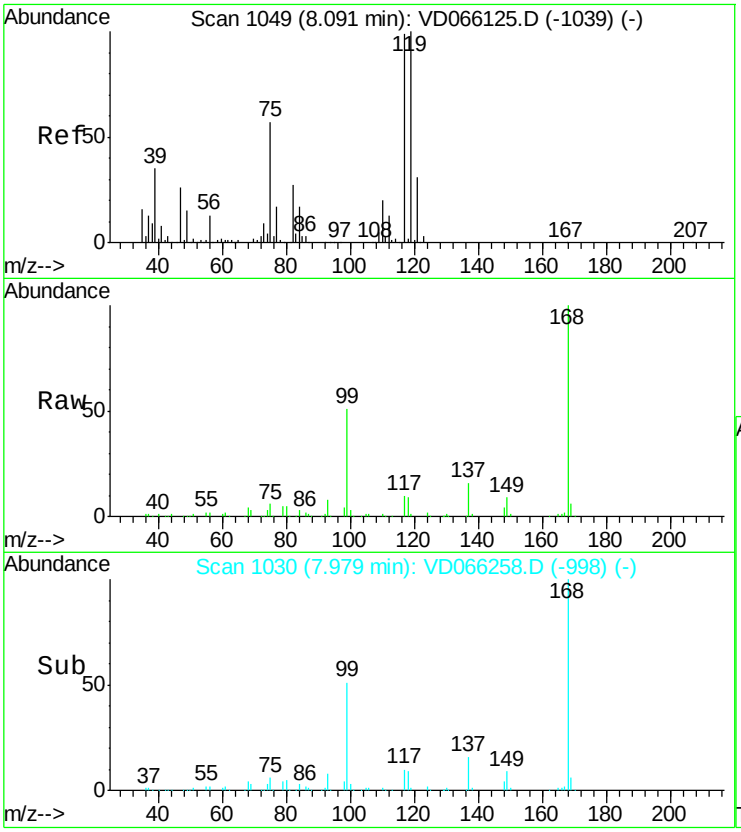


#36
1,1-Dichloropropene
Concen: 4.587 ug/l
RT: 7.97 min Scan# 1028
Delta R.T. -0.14 min
Lab File: VD066258.D
Acq: 17 Aug 2020 15:23

Tgt Ion: 75 Resp: 25977

Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.8	56.3#
77	0.0	24.2	36.2#



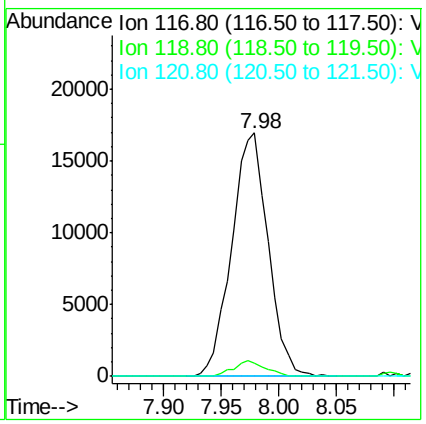


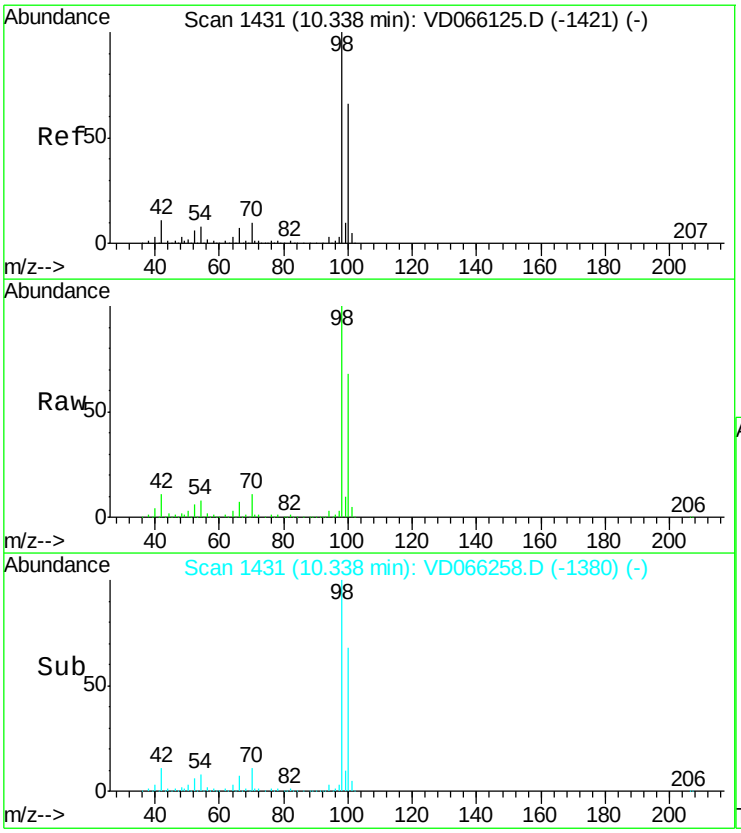
#38
Carbon Tetrachloride
Concen: 5.884 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.11 min
Lab File: VD066258.D
Acq: 17 Aug 2020 15:23

Instrument :
MSVOA_D
ClientSampleId :
S412-K-SO-1-1.5-081220

Tgt Ion:117 Resp: 37160

Ion	Ratio	Lower	Upper
117	100		
119	5.7	81.0	121.4#
121	0.0	24.8	37.2#

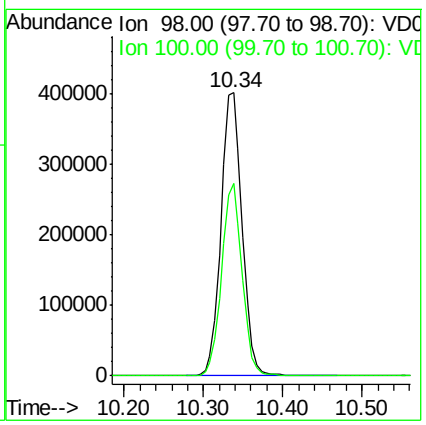


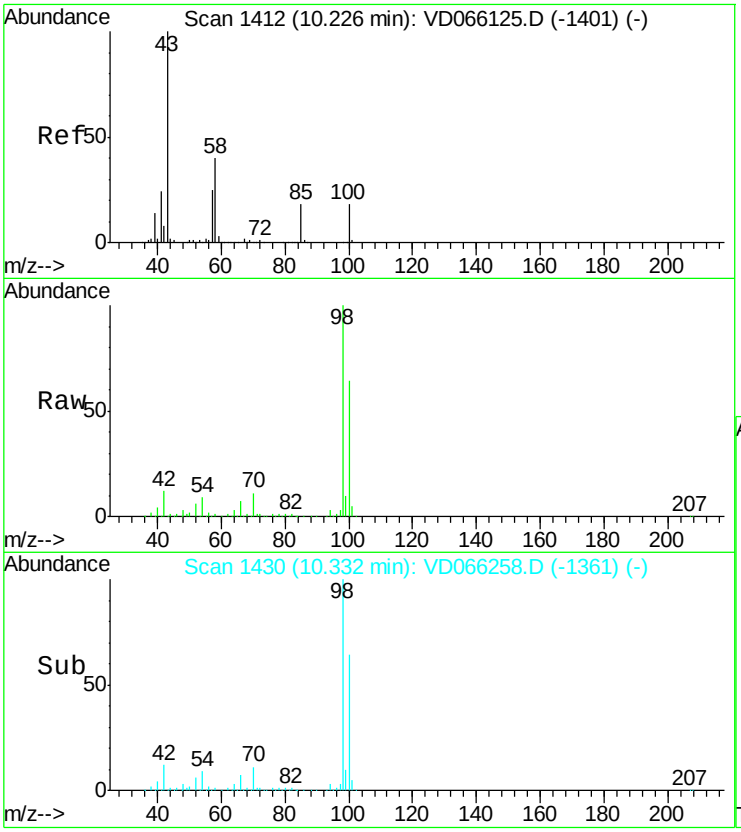


#50
Toluene-d8
Concen: 52.403 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066258.D
Acq: 17 Aug 2020 15:23

Tgt Ion: 98 Resp: 738343

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.6	78.8



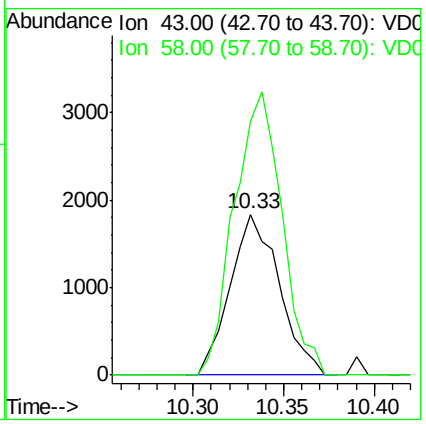


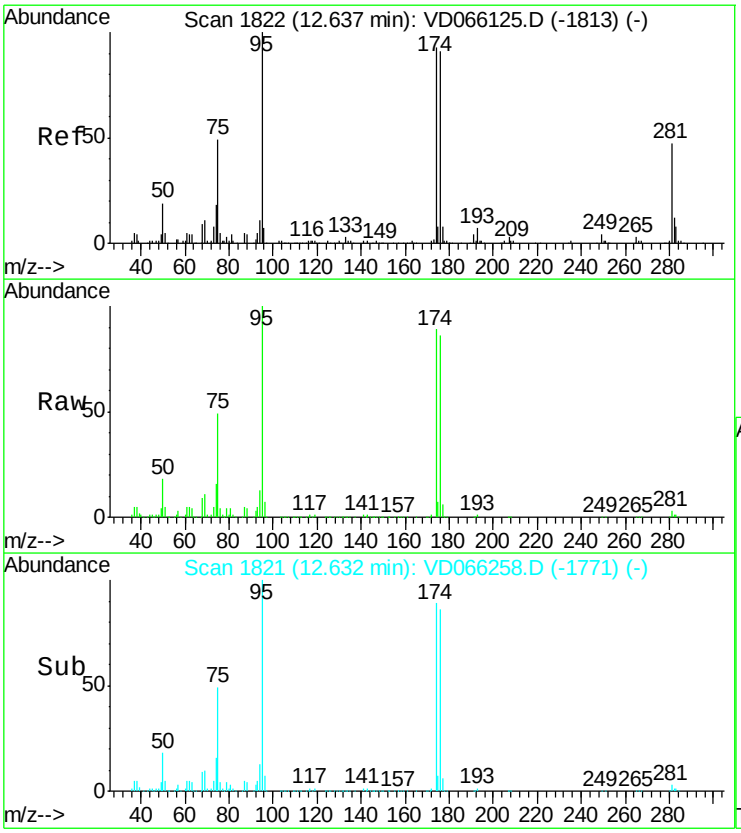
#51
4-Methyl-2-Pentanone
Concen: 1.526 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. 0.11 min
Lab File: VD066258.D
Acq: 17 Aug 2020 15:23

Instrument :
MSVOA_D
ClientSampleId :
S412-K-SO-1-1.5-081220

Tgt Ion: 43 Resp: 3465

Ion	Ratio	Lower	Upper
43	100		
58	171.2	31.1	46.7#

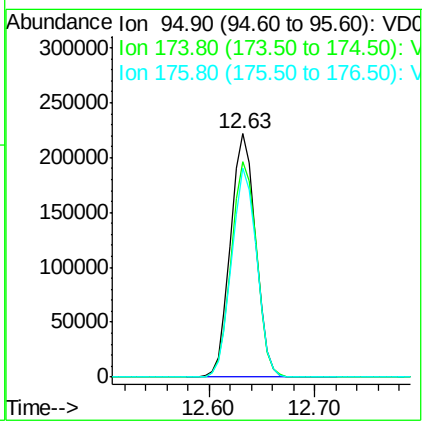


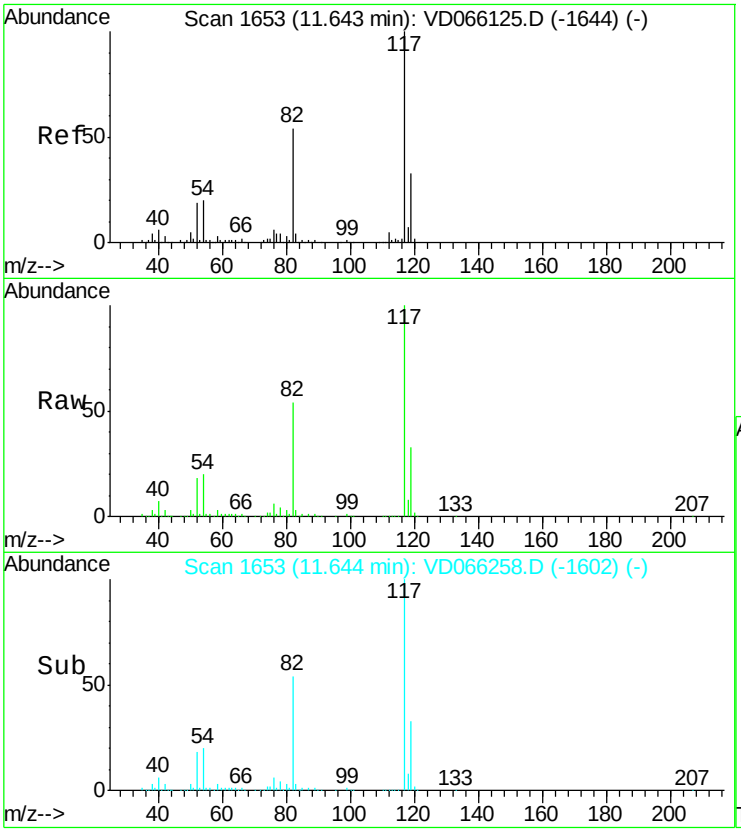


#62
4-Bromofluorobenzene
Concen: 71.684 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066258.D
Acq: 17 Aug 2020 15:23

Tgt Ion: 95 Resp: 364071

Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	180.8
176	85.2	0.0	181.2



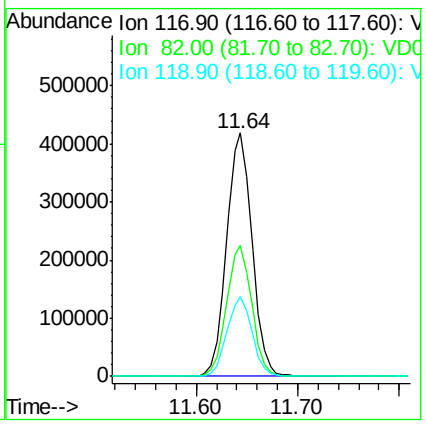


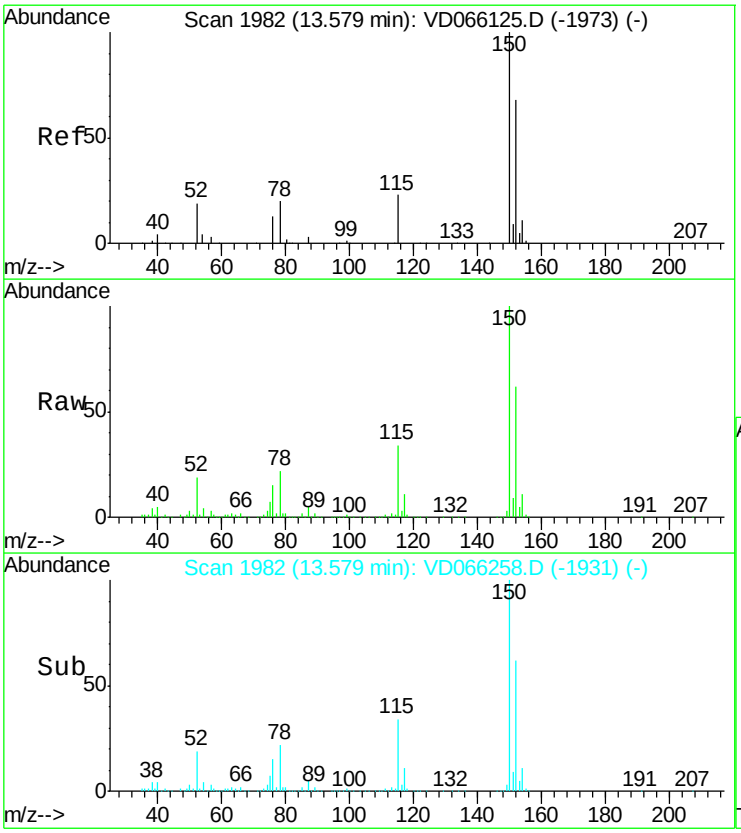
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066258.D
Acq: 17 Aug 2020 15:23

Instrument :
MSVOA_D
ClientSampleId :
S412-K-SO-1-1.5-081220

Tgt Ion:117 Resp: 726441

Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.0	64.4
119	32.5	26.1	39.1

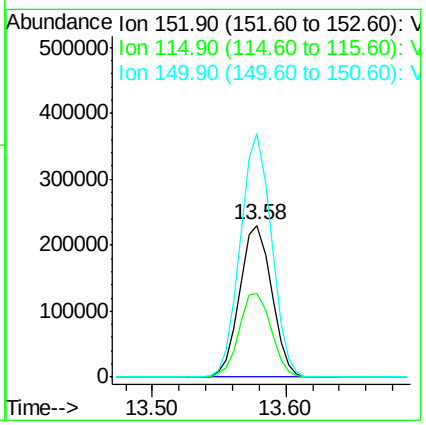


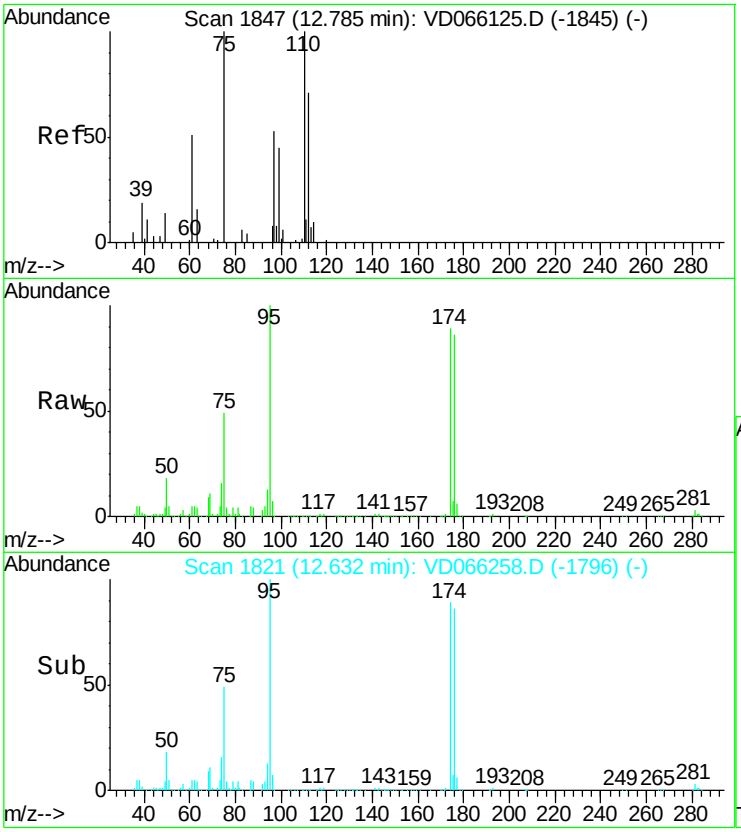


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066258.D
Acq: 17 Aug 2020 15:23

Tgt Ion:152 Resp: 381477

Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.0	83.9
150	156.7	0.0	346.4



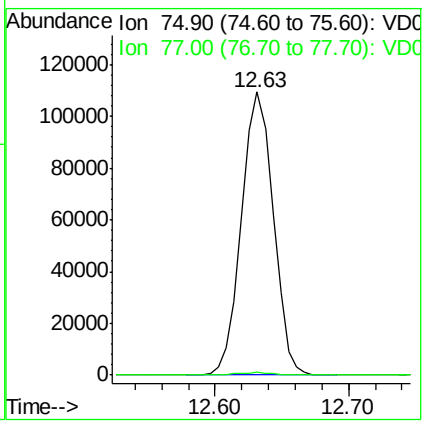


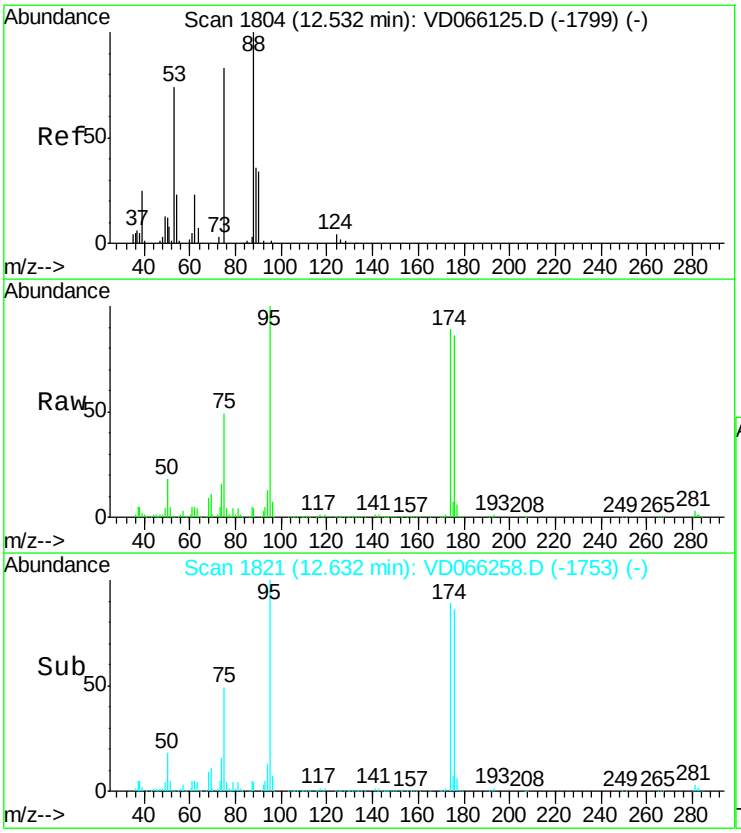
#76
1,2,3-Trichloropropane
Concen: 56.683 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066258.D
Acq: 17 Aug 2020 15:23

Instrument :
MSVOA_D
ClientSampleId :
S412-K-SO-1-1.5-081220

Tgt Ion: 75 Resp: 180322

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 125.301 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD066258.D
Acq: 17 Aug 2020 15:23

Tgt Ion: 75 Resp: 180322

Ion	Ratio	Lower	Upper
75	100		
53	0.1	73.4	110.2#
89	0.1	36.6	55.0#