Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081120\
Data File : VD066183.D
Acq On : 11 Aug 2020 13:40
Operator : VA/SY
Sample : L3639-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MH-J08

Quant Time: Aug 11 15:15:28 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	268526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	441986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	465073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	199251	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	115640	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.54%			
35) Dibromofluoromethane	7.91	113	135722	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.94%			
50) Toluene-d8	10.33	98	531026	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.78%			
62) 4-Bromofluorobenzene	12.63	95	199987	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.40%			
Target Compounds						Qvalue
8) Diethyl Ether	3.71	74	1480	1.235	ug/l	84
10) Methyl Iodide	4.29	142	773	7.003	ug/l #	60
11) Tert butyl alcohol	5.20	59	1911	Below Cal	#	84
16) Acetone	4.16	43	32012	70.424	ug/l	90
17) Carbon Disulfide	4.40	76	42515	5.623	ug/l	98
20) Methylene Chloride	4.96	84	62083	21.084	ug/l	96
25) 2-Butanone	7.21	43	10379	15.524	ug/l #	89
31) Cyclohexane	7.97	56	7805	1.860	ug/l #	23
37) Ethyl Acetate	7.21	43	10379	6.307	ug/l #	82
49) 1,4-Dioxane	9.47	88	77	3.861	ug/l #	17
52) Toluene	10.40	92	7703	1.016	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	7216	3.229	ug/l #	20
59) 2-Hexanone	10.98	43	1462	1.251	ug/l #	56
76) 1,2,3-Trichloropropane	12.63	75	99981	60.171	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	99981	133.012	ug/l #	13

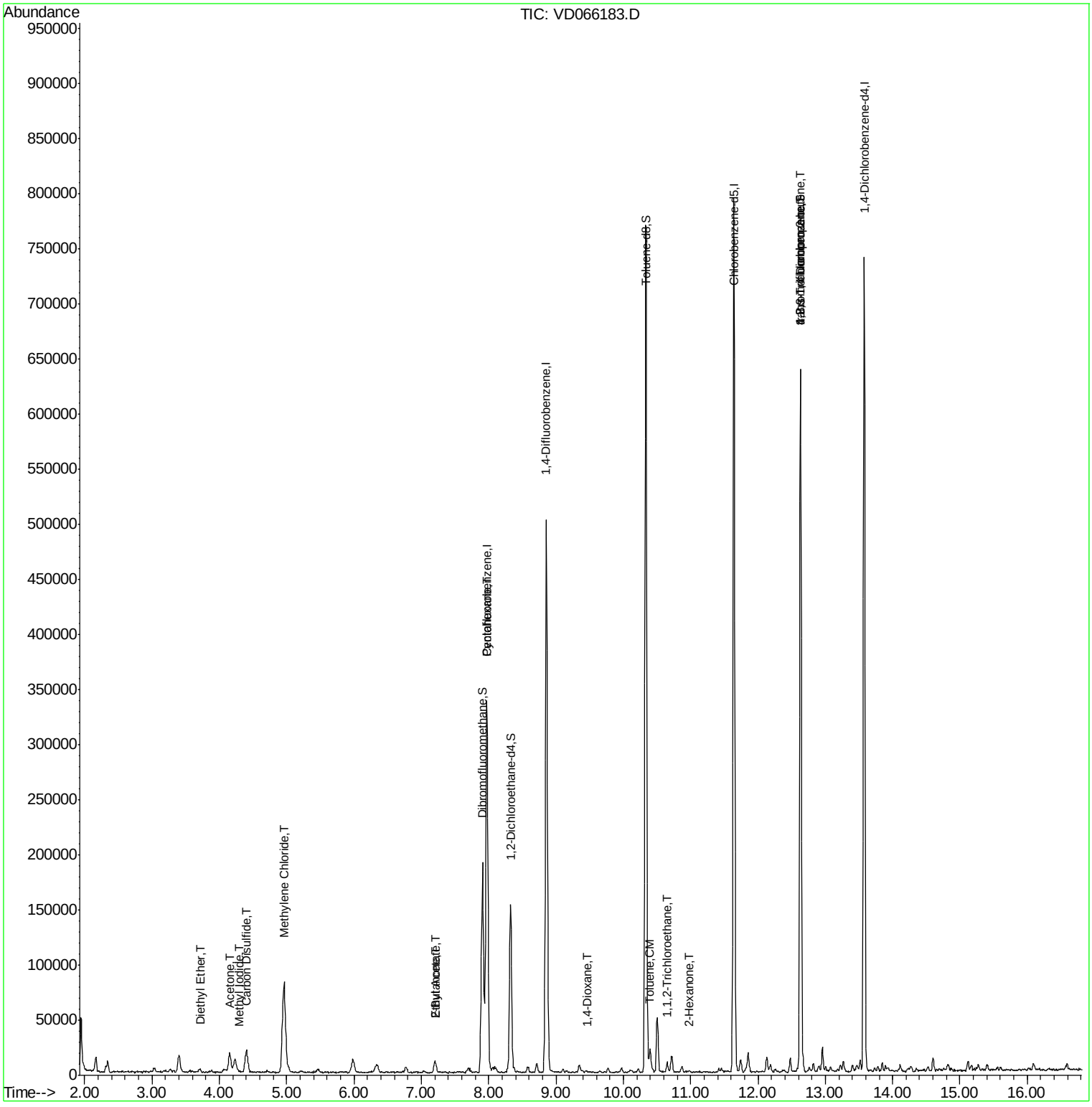
(#) = qualifier out of range (m) = manual integration (+) = signals summed

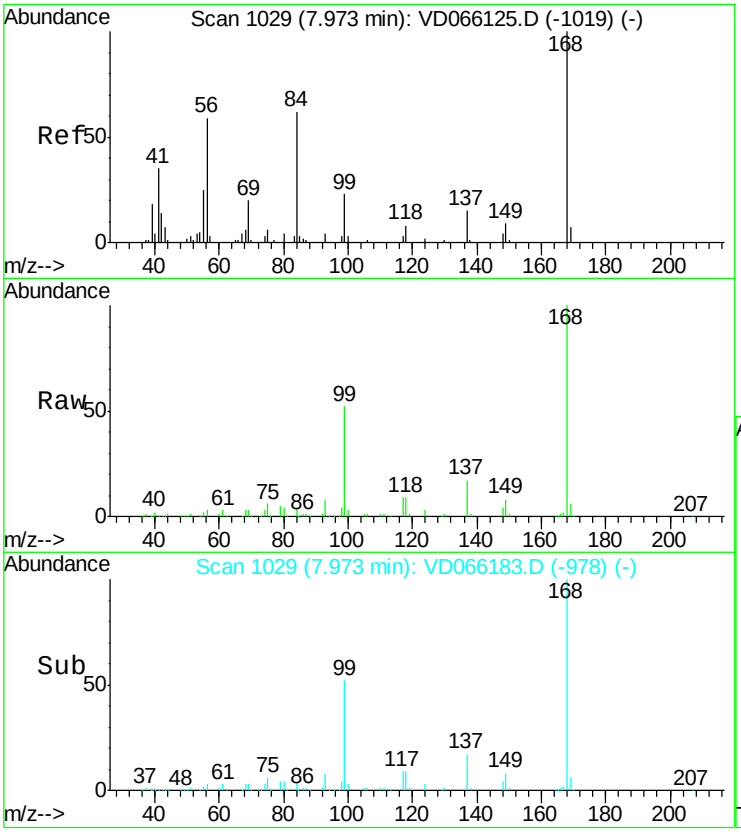
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081120\
Data File : VD066183.D
Acq On : 11 Aug 2020 13:40
Operator : VA/SY
Sample : L3639-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MH-J08

Quant Time: Aug 11 15:15:28 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



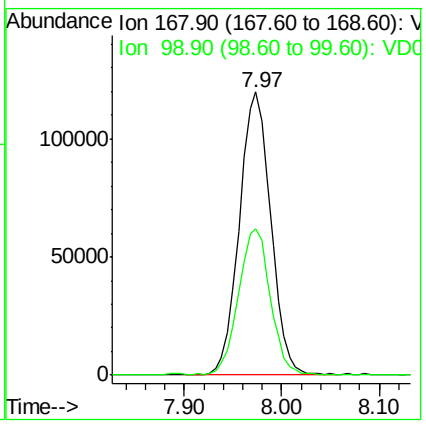


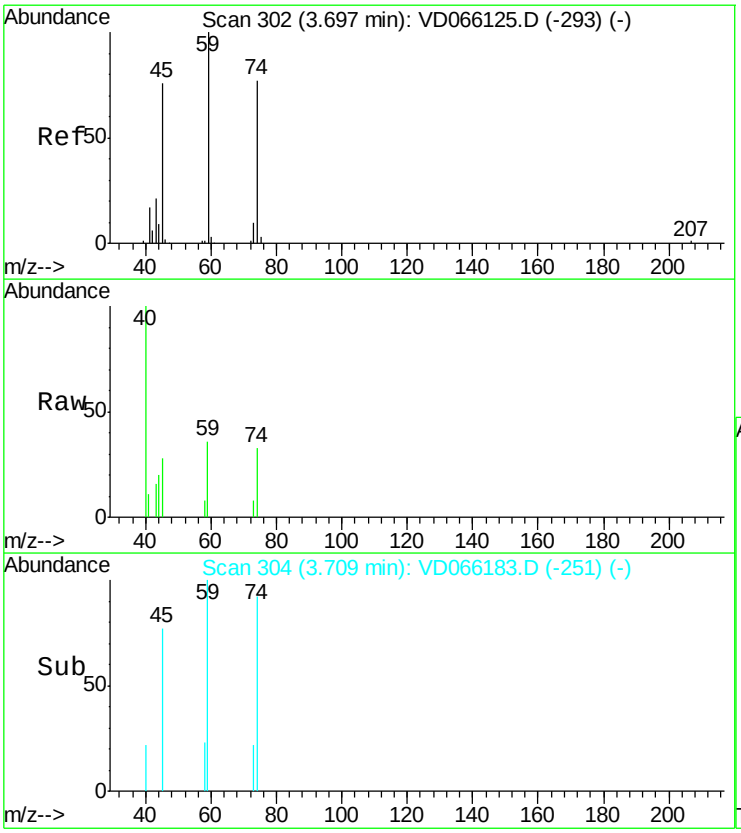
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Instrument :
MSVOA_N
ClientSampleId :
MH-J08

Tgt Ion:168 Resp: 268526

Ion	Ratio	Lower	Upper
168	100		
99	51.4	42.2	63.4

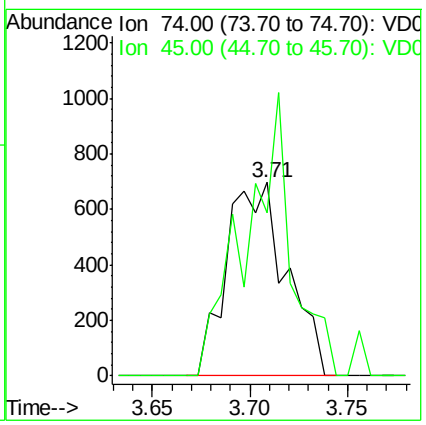


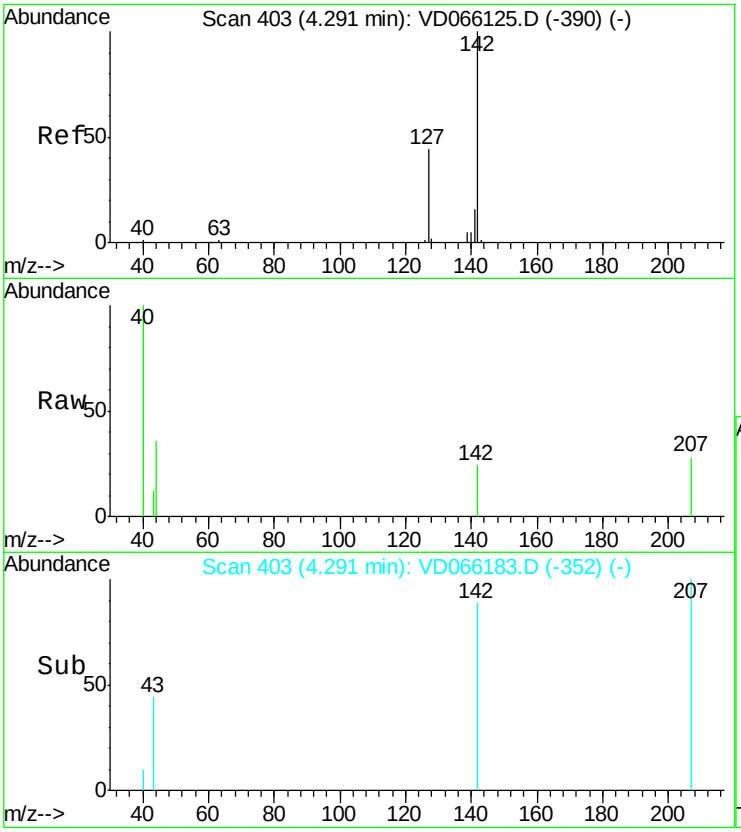


#8
Diethyl Ether
Concen: 1.235 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Tgt Ion: 74 Resp: 1480

Ion	Ratio	Lower	Upper
74	100		
45	112.8	48.4	145.2



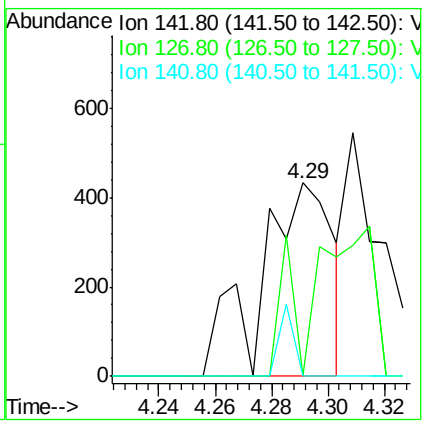


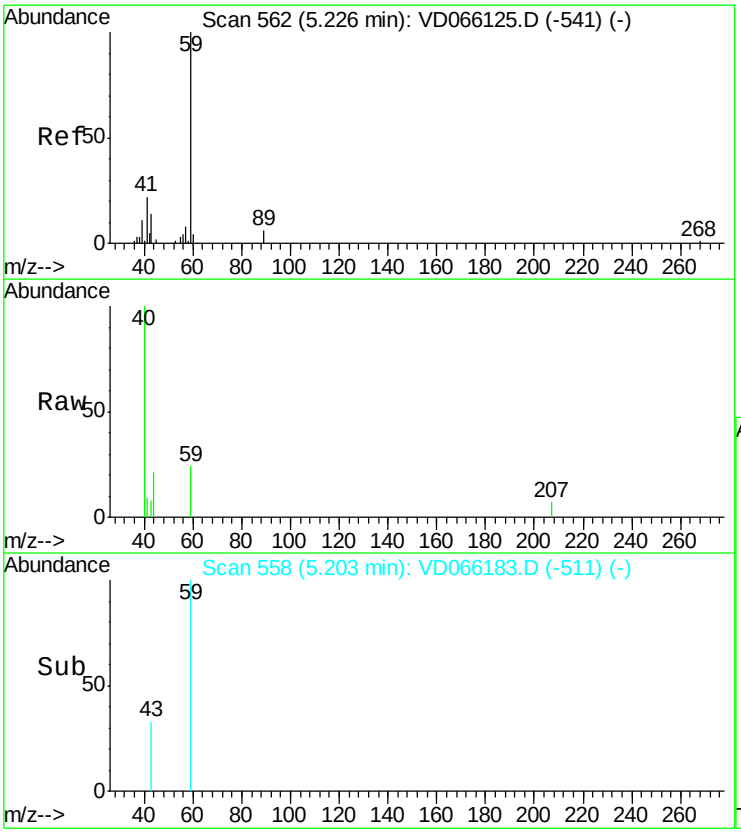
#10
Methyl Iodide
Concen: 7.003 ug/l
RT: 4.29 min Scan# 403
Delta R.T. 0.00 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Instrument :
MSVOA_N
ClientSampleId :
MH-J08

Tgt Ion:142 Resp: 773

Ion	Ratio	Lower	Upper
142	100		
127	14.4	36.2	54.4#
141	7.4	12.6	18.8#

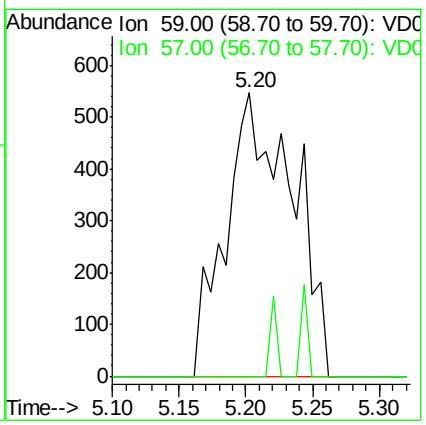


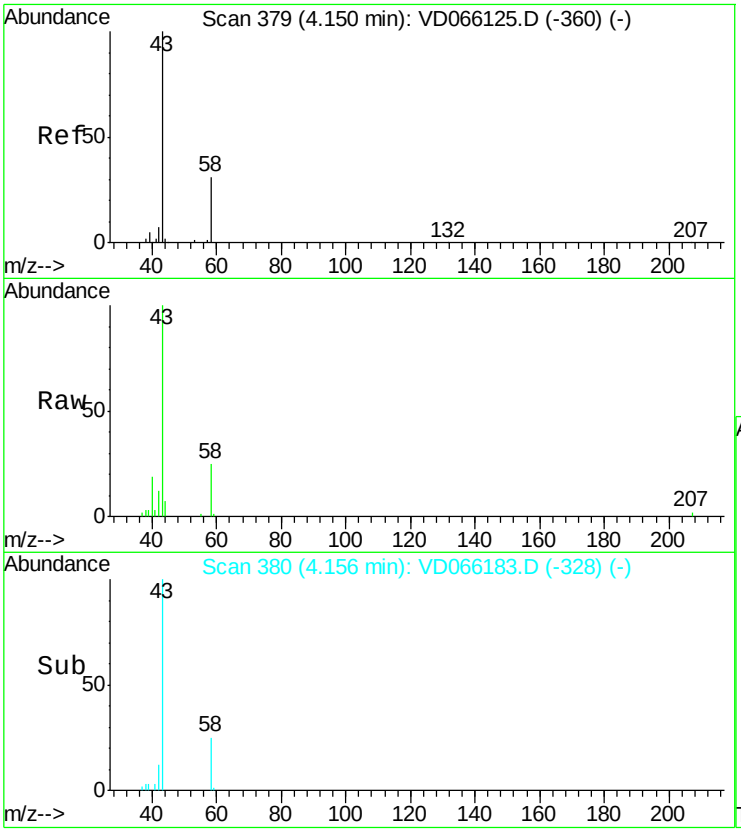


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.20 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Tgt Ion: 59 Resp: 1911

Ion	Ratio	Lower	Upper
59	100		
57	2.8	7.0	10.4#



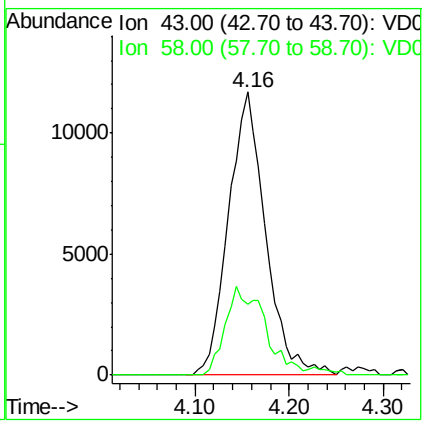


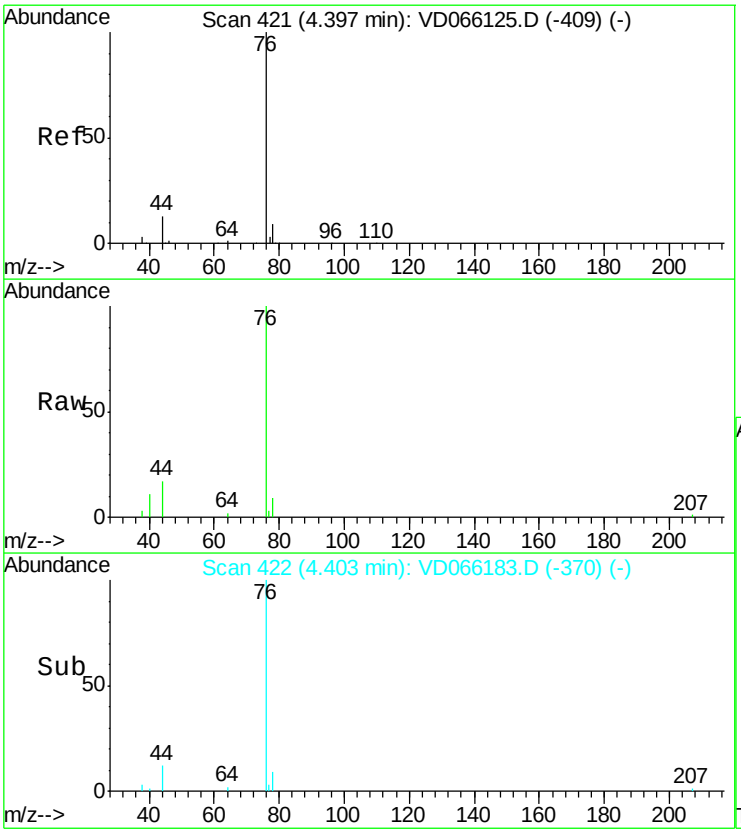
#16
Acetone
Concen: 70.424 ug/l
RT: 4.16 min Scan# 380
Delta R.T. 0.01 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Instrument : MSVOA_N
ClientSampleId : MH-J08

Tgt Ion: 43 Resp: 32012

Ion	Ratio	Lower	Upper
43	100		
58	25.1	24.7	37.1

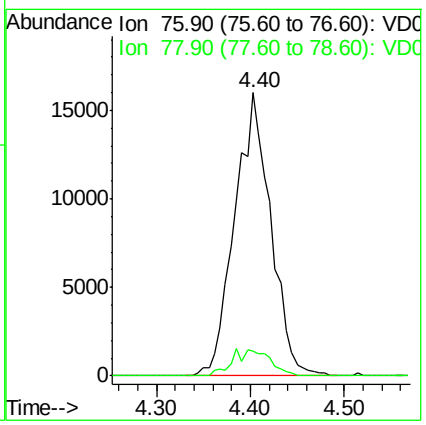


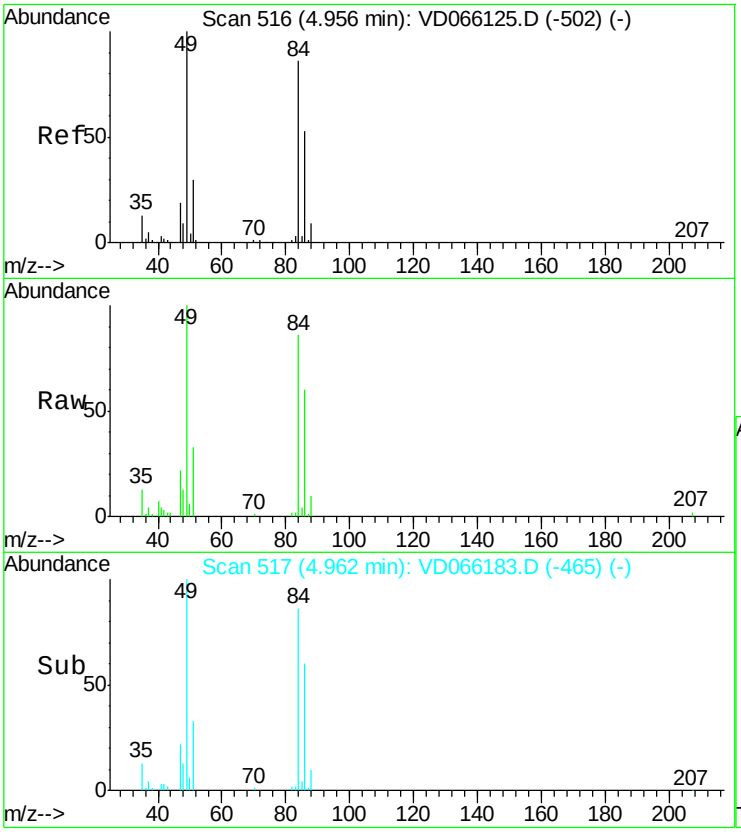


#17
Carbon Disulfide
Concen: 5.623 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Tgt Ion: 76 Resp: 42515

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.5	11.3



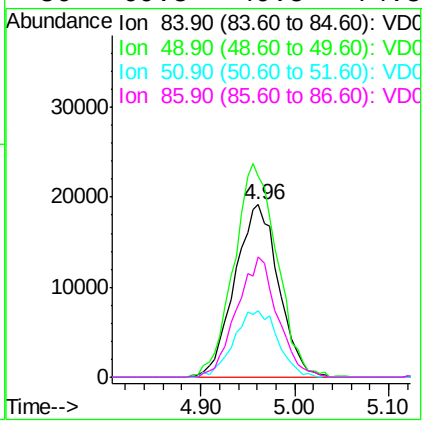


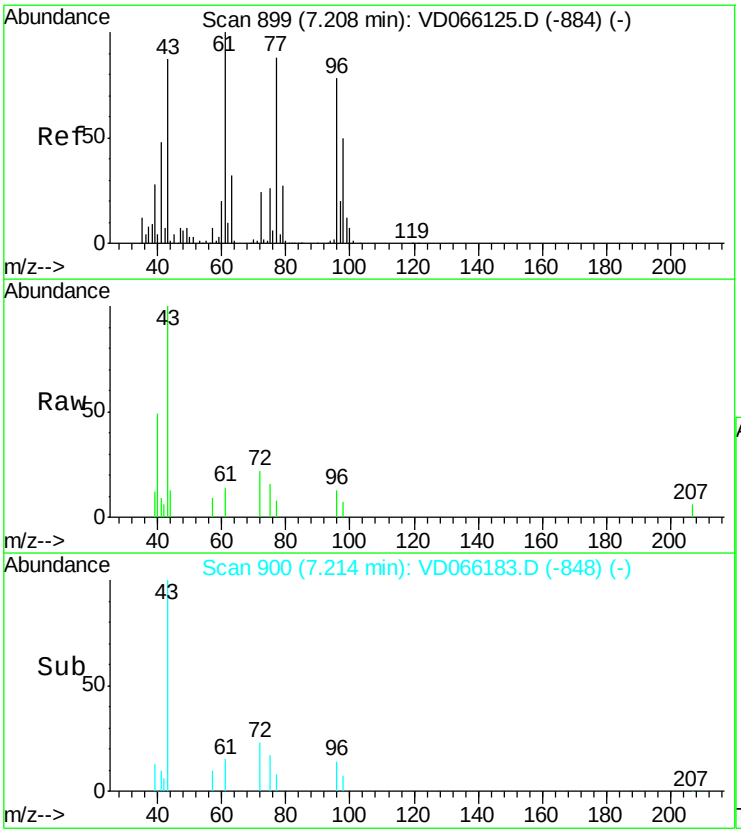
#20
Methylene Chloride
Concen: 21.084 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Instrument : MSVOA_N
ClientSampleId : MH-J08

Tgt Ion: 84 Resp: 62083

Ion	Ratio	Lower	Upper
84	100		
49	116.8	93.5	140.3
51	38.9	28.2	42.4
86	69.8	49.5	74.3

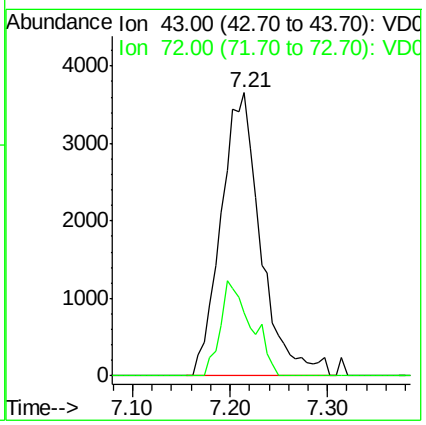


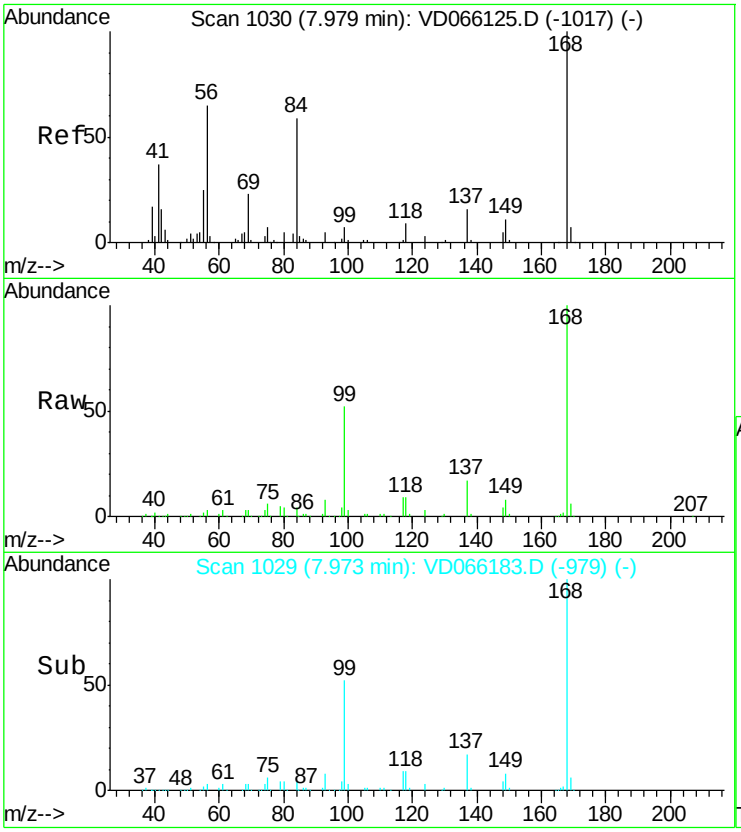


#25
2-Butanone
Concen: 15.524 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Tgt Ion: 43 Resp: 10379

Ion	Ratio	Lower	Upper
43	100		
72	22.1	22.2	33.2#



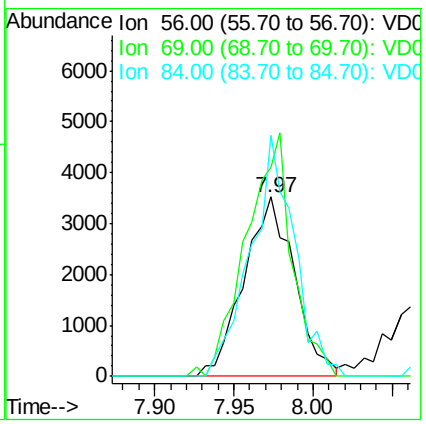


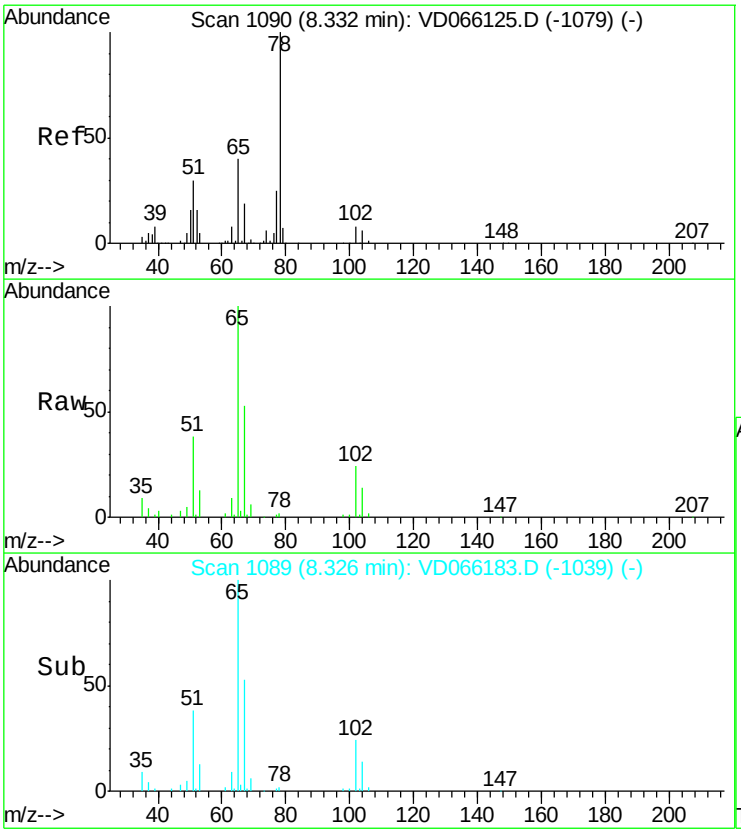
#31
Cyclohexane
Concen: 1.860 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Instrument : MSVOA_N
ClientSampleId : MH-J08

Tgt Ion: 56 Resp: 7805

Ion	Ratio	Lower	Upper
56	100		
69	116.6	28.8	43.2#
84	141.6	73.0	109.6#

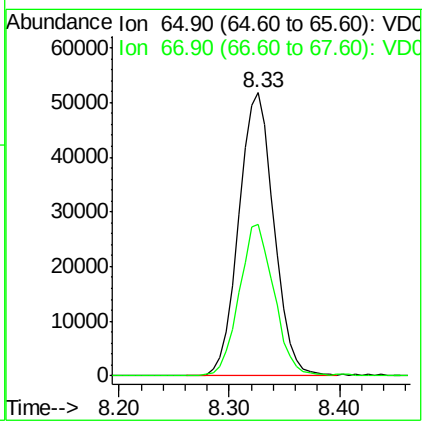


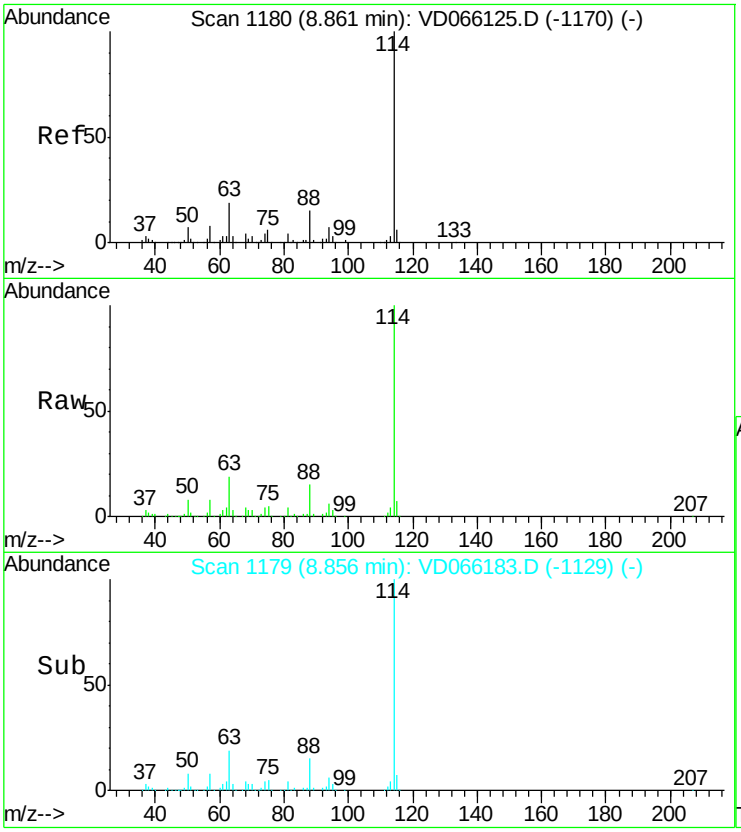


#33
1,2-Dichloroethane-d4
Concen: 48.271 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Tgt Ion: 65 Resp: 115640

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	104.6



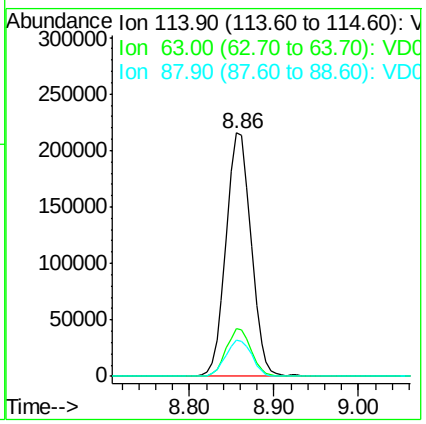


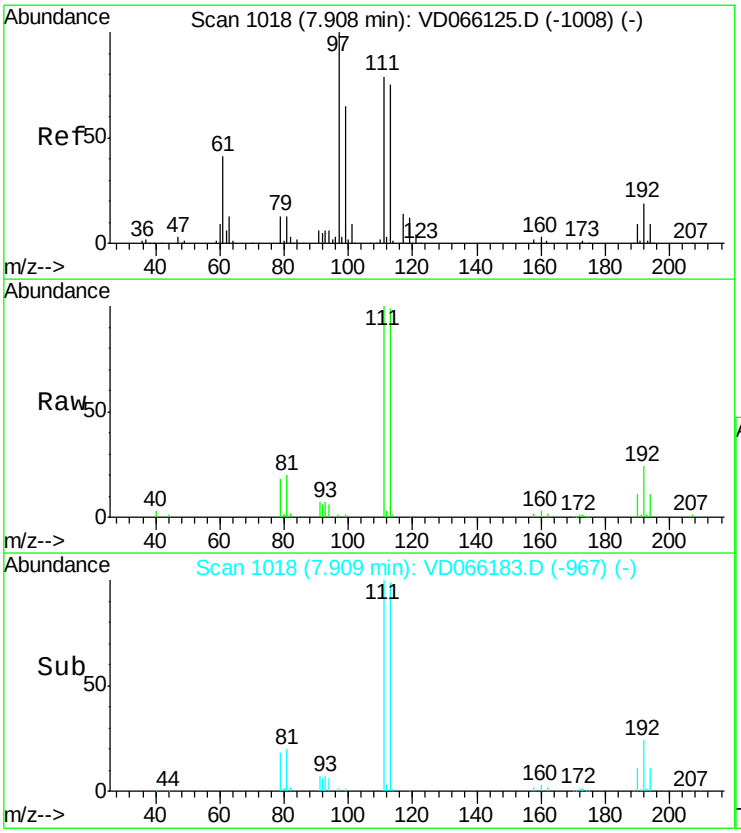
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Instrument : MSVOA_N
ClientSampleId : MH-J08

Tgt Ion:114 Resp: 441986

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.6
88	15.0	0.0	30.0

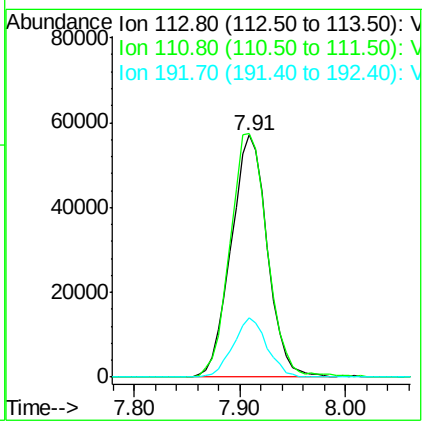


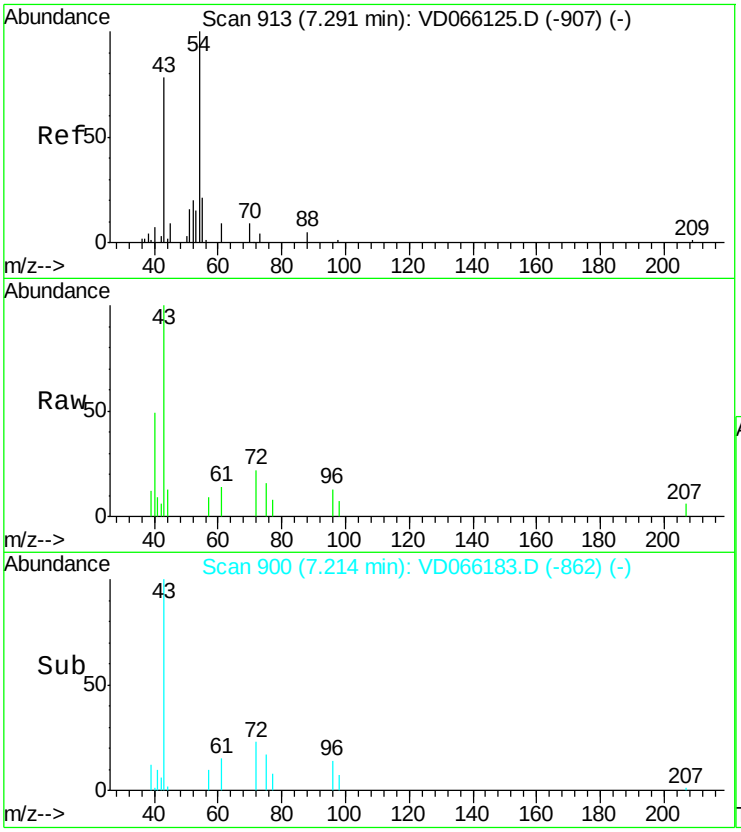


#35
Dibromofluoromethane
Concen: 48.473 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Tgt Ion:113 Resp: 135722

Ion	Ratio	Lower	Upper
113	100		
111	103.8	80.7	121.1
192	23.0	18.4	27.6



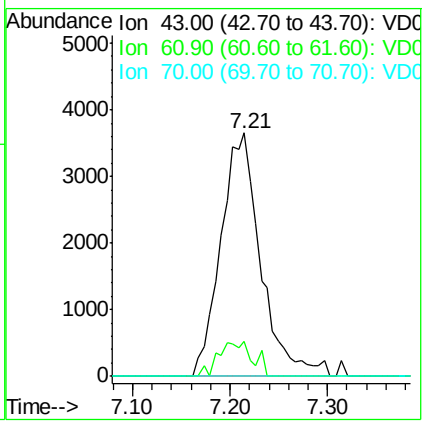


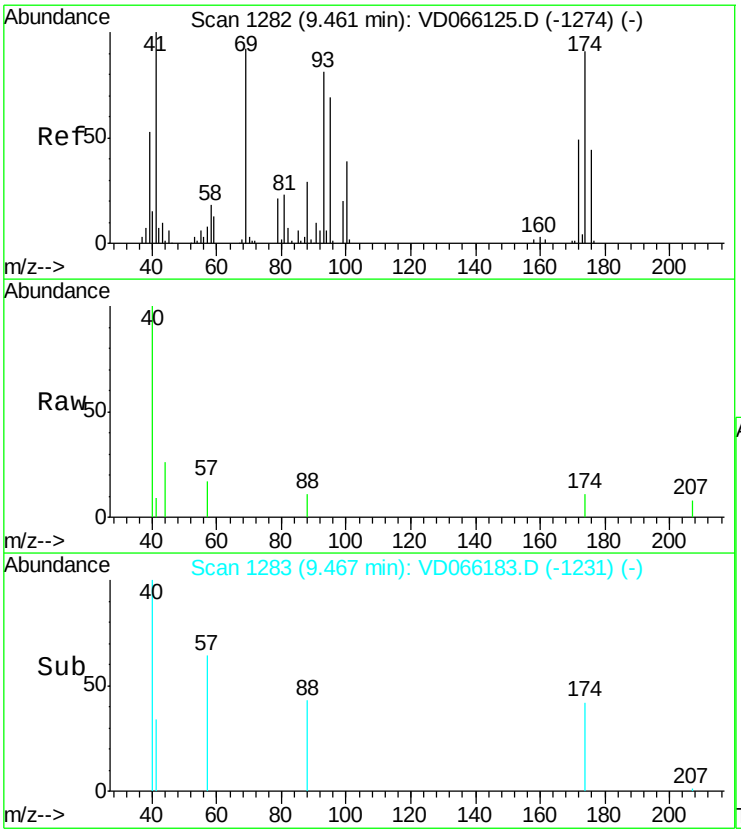
#37
Ethyl Acetate
Concen: 6.307 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.08 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Instrument : MSVOA_N
ClientSampleId : MH-J08

Tgt Ion: 43 Resp: 10379

Ion	Ratio	Lower	Upper
43	100		
61	12.0	12.0	18.0
70	0.0	9.7	14.5#

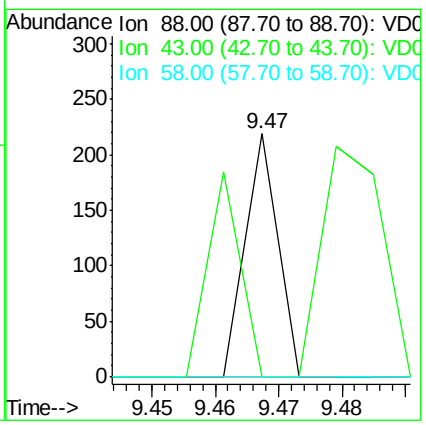


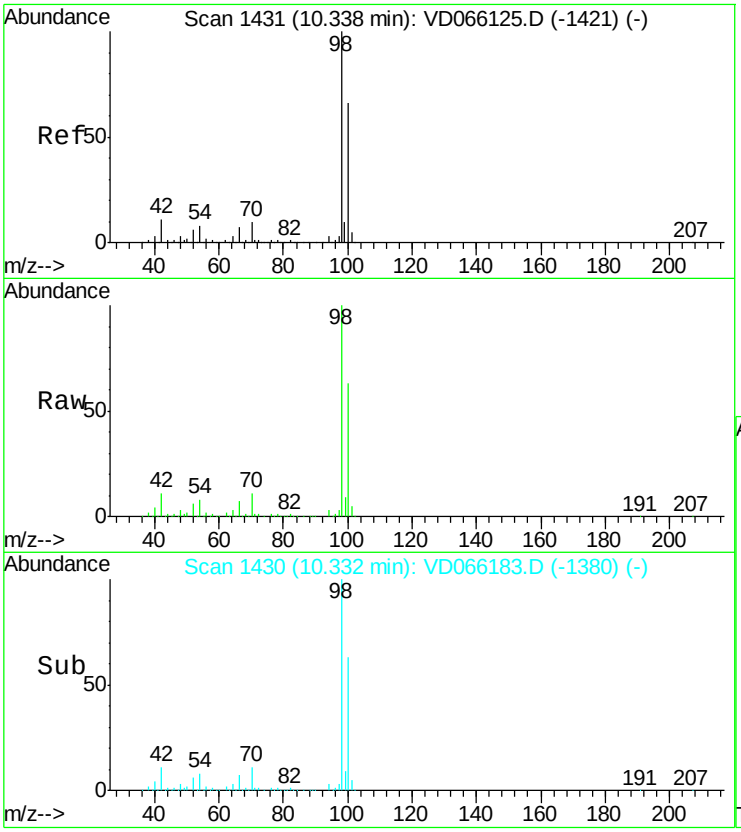


#49
1,4-Dioxane
Concen: 3.861 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Tgt Ion: 88 Resp: 77

Ion	Ratio	Lower	Upper
88	100		
43	84.4	27.5	41.3#
58	0.0	50.2	75.4#



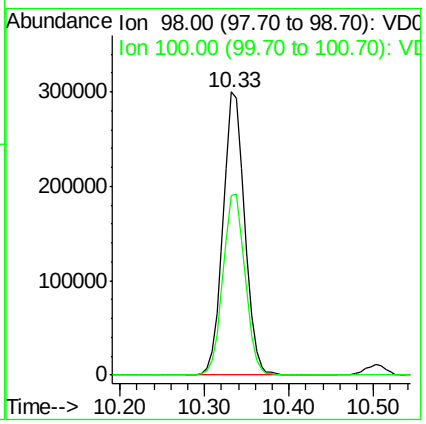


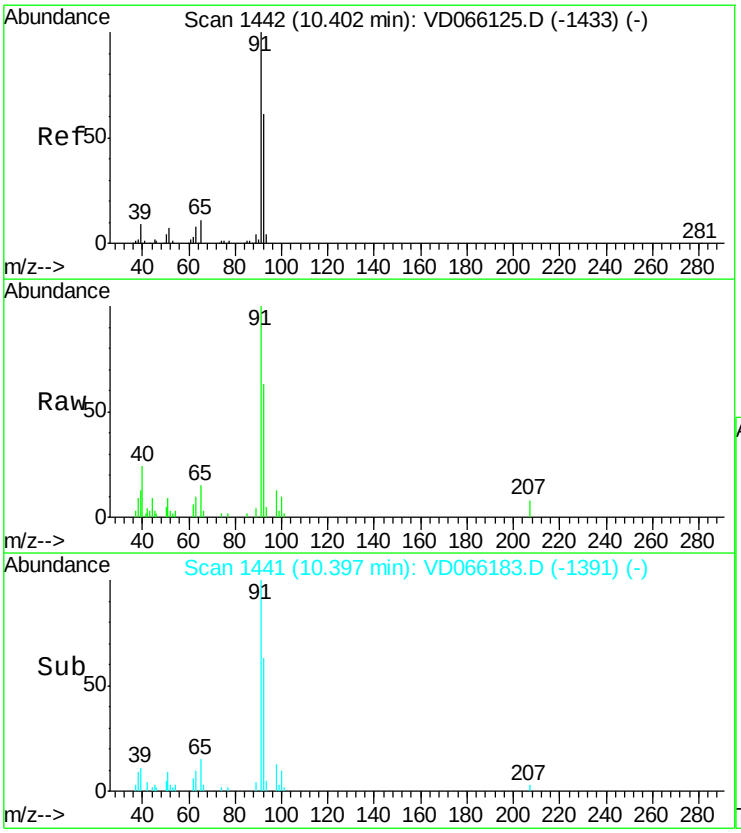
#50
Toluene-d8
Concen: 51.394 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Instrument : MSVOA_N
ClientSampleId : MH-J08

Tgt Ion: 98 Resp: 531026

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.6	78.8

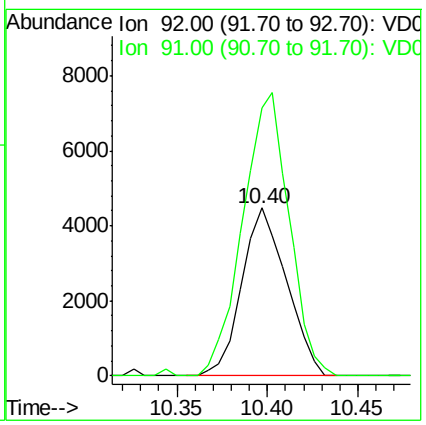


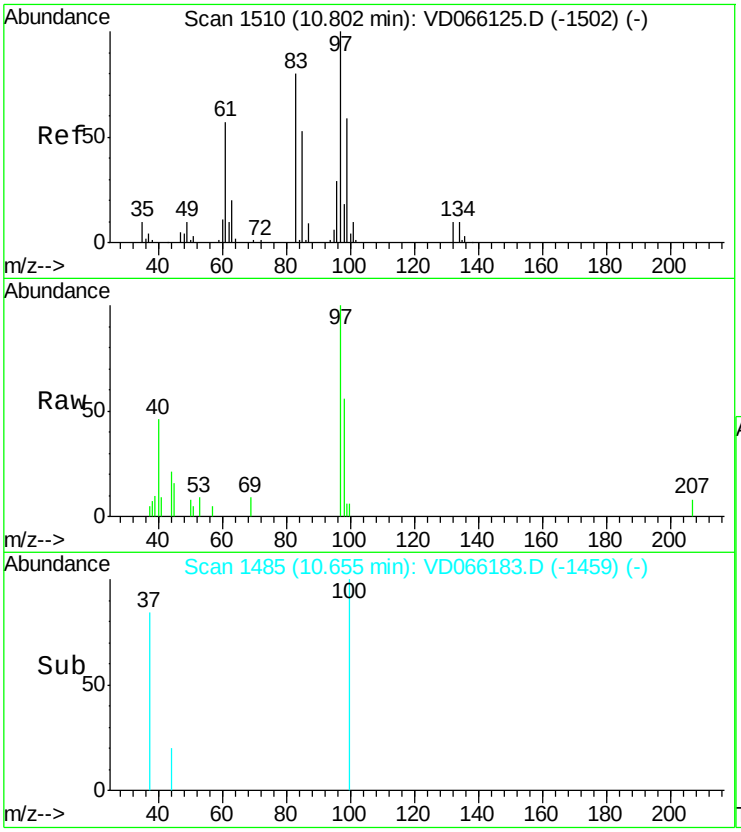


#52
Toluene
Concen: 1.016 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Tgt Ion: 92 Resp: 7703

Ion	Ratio	Lower	Upper
92	100		
91	174.0	135.2	202.8



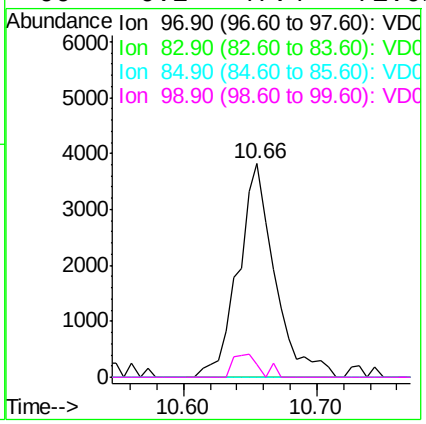


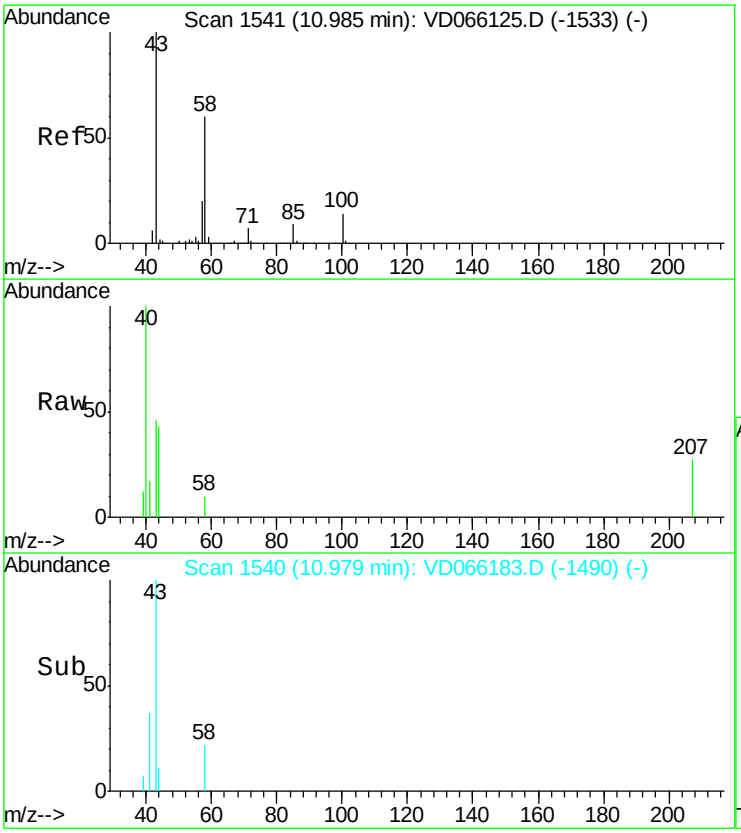
#55
1,1,2-Trichloroethane
Concen: 3.229 ug/l
RT: 10.66 min Scan# 1485
Delta R.T. -0.15 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Instrument : MSVOA_N
ClientSampleId : MH-J08

Tgt Ion: 97 Resp: 7216

Ion	Ratio	Lower	Upper
97	100		
83	0.0	63.9	95.9#
85	0.0	42.5	63.7#
99	6.2	47.4	71.0#

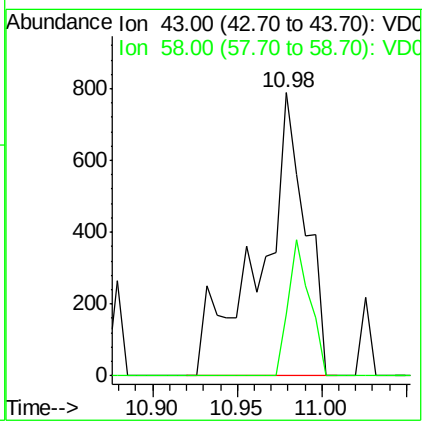


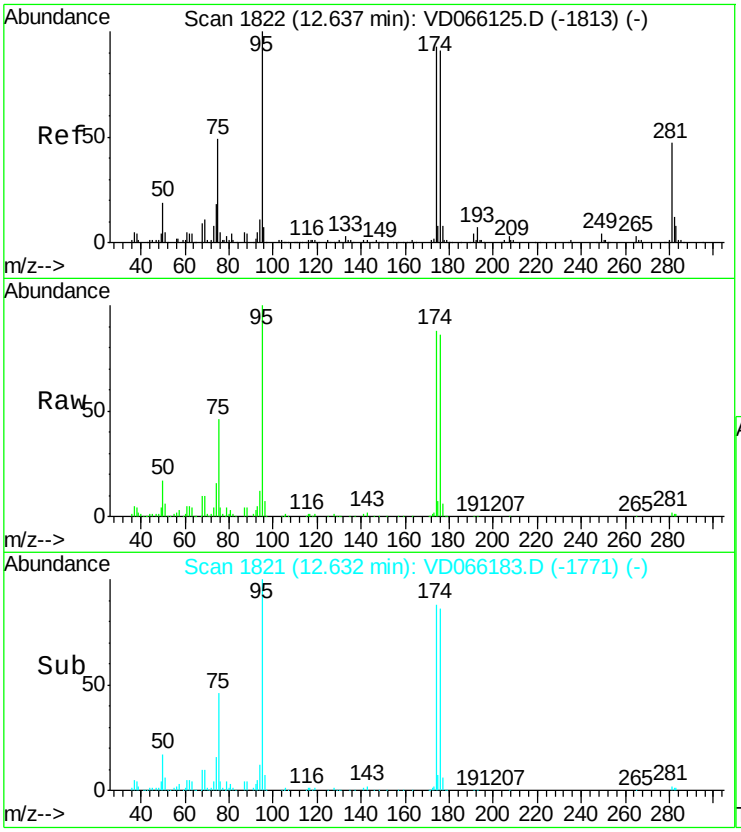


#59
2-Hexanone
Concen: 1.251 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Tgt Ion: 43 Resp: 1462

Ion	Ratio	Lower	Upper
43	100		
58	23.3	27.8	83.4#



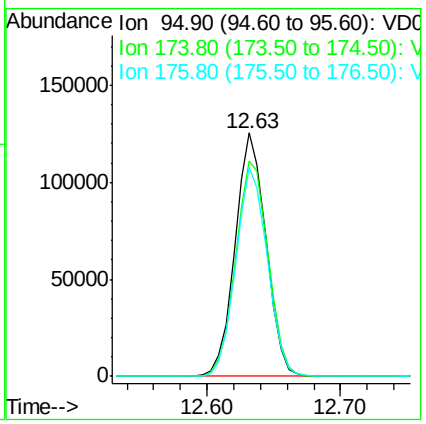


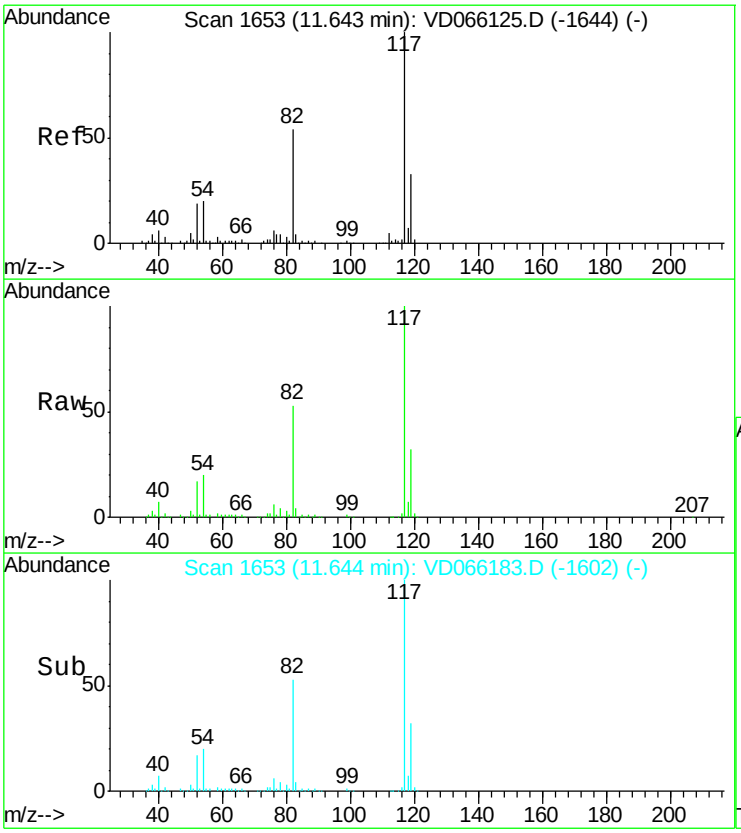
#62
4-Bromofluorobenzene
Concen: 53.696 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Instrument :
MSVOA_N
ClientSampleId :
MH-J08

Tgt Ion: 95 Resp: 199987

Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	180.8
176	87.5	0.0	181.2

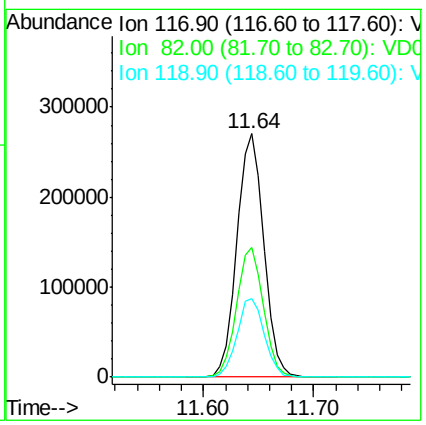


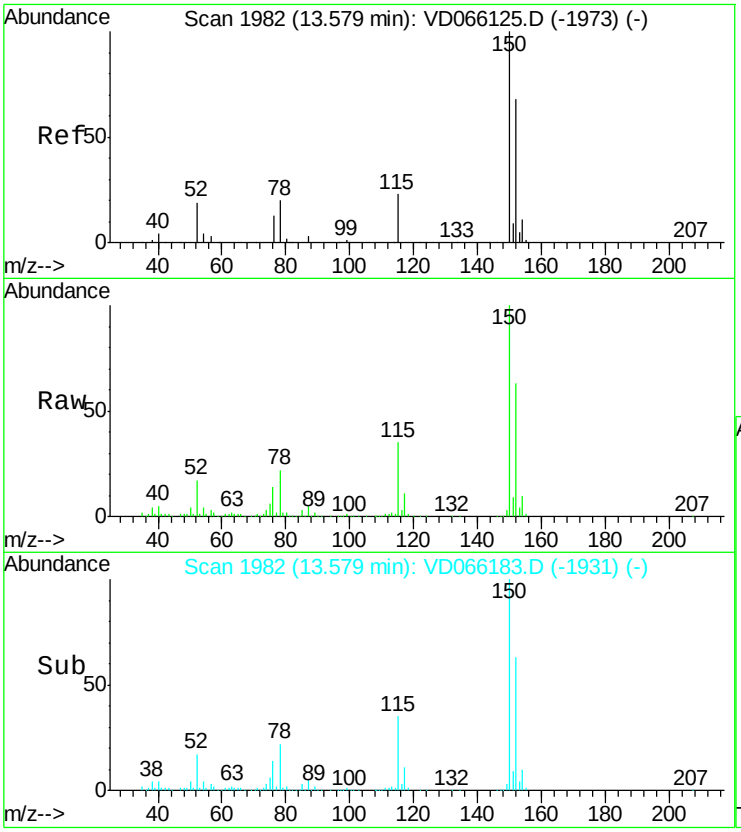


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Tgt Ion:117 Resp: 465073

Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.0	64.4
119	32.2	26.1	39.1



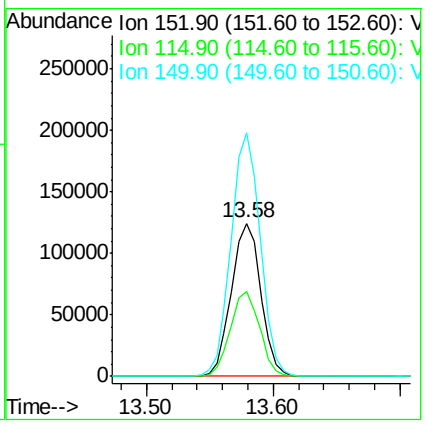


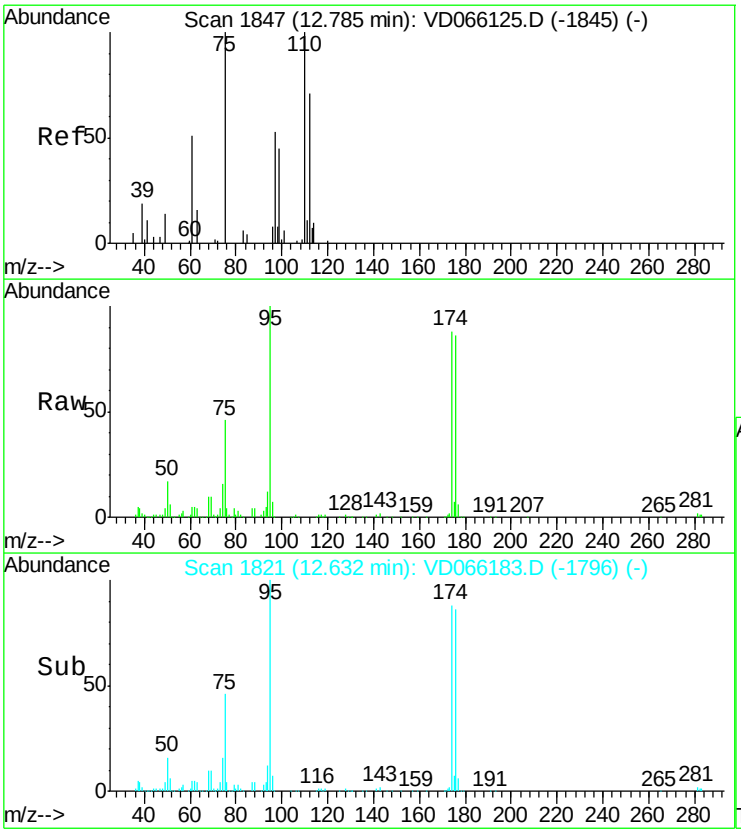
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Instrument : MSVOA_N
ClientSampleId : MH-J08

Tgt Ion:152 Resp: 199251

Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.0	83.9
150	158.0	0.0	346.4

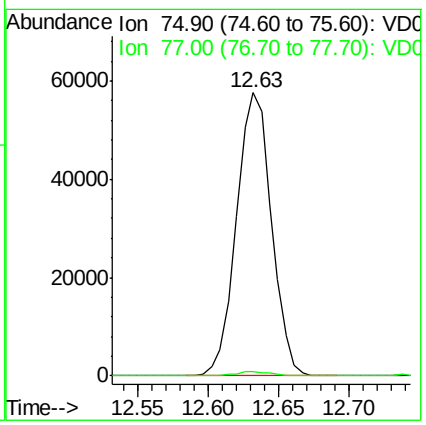


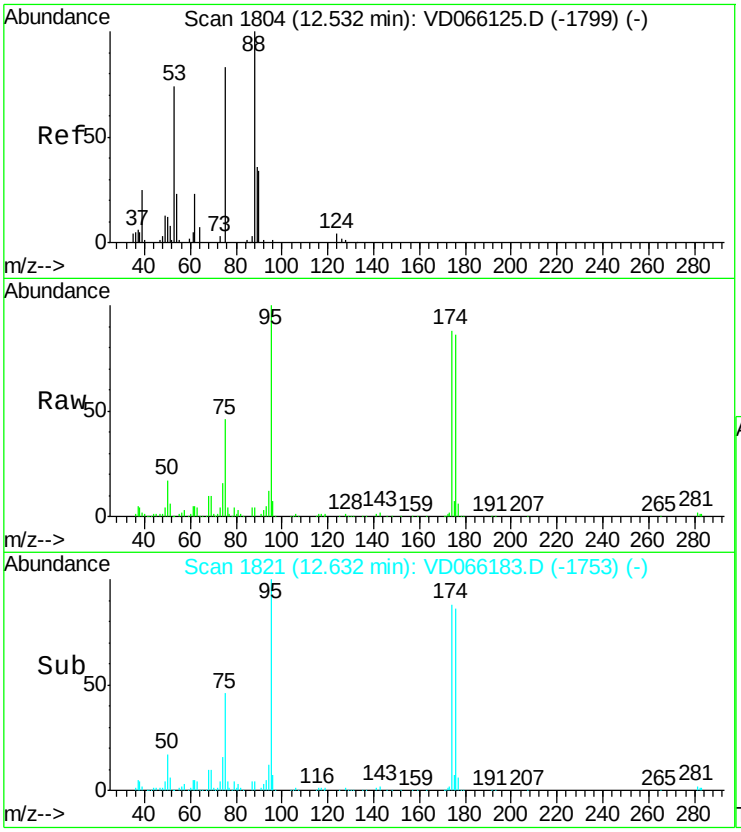


#76
1,2,3-Trichloropropane
Concen: 60.171 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Tgt Ion: 75 Resp: 99981

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 133.012 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Instrument :
MSVOA_N
ClientSampleId :
MH-J08

Tgt Ion: 75 Resp: 99981

Ion	Ratio	Lower	Upper
75	100		
53	0.4	73.4	110.2#
89	0.0	36.6	55.0#