Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD073020\
Data File : VD066105.D
Acq On : 30 Jul 2020 12:23
Operator : VA/SY
Sample : L3489-10RE
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CS-10

Quant Time: Jul 31 01:54:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	226609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	361566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	396171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	215717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	103981	56.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.78%			
35) Dibromofluoromethane	7.91	113	109765	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.10%			
50) Toluene-d8	10.34	98	437833	53.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.18%			
62) 4-Bromofluorobenzene	12.64	95	183476	64.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 129.54%			
Target Compounds						Qvalue
5) Bromomethane	2.77	94	141	Below Cal	#	45
7) Trichlorofluoromethane	3.29	101	3333	1.025	ug/l	97
8) Diethyl Ether	3.70	74	1788	1.990	ug/l	70
10) Methyl Iodide	4.29	142	472	9.009	ug/l #	59
11) Tert butyl alcohol	5.24	59	120	Below Cal	#	83
16) Acetone	4.16	43	1584	4.244	ug/l	90
20) Methylene Chloride	4.96	84	19661	6.975	ug/l	90
25) 2-Butanone	7.20	43	1133	2.288	ug/l	97
31) Cyclohexane	7.98	56	5088	1.534	ug/l #	20
76) 1,2,3-Trichloropropane	12.64	75	93785	57.741	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	93785	132.495	ug/l #	11
95) Naphthalene	15.41	128	2101	3.832	ug/l #	72

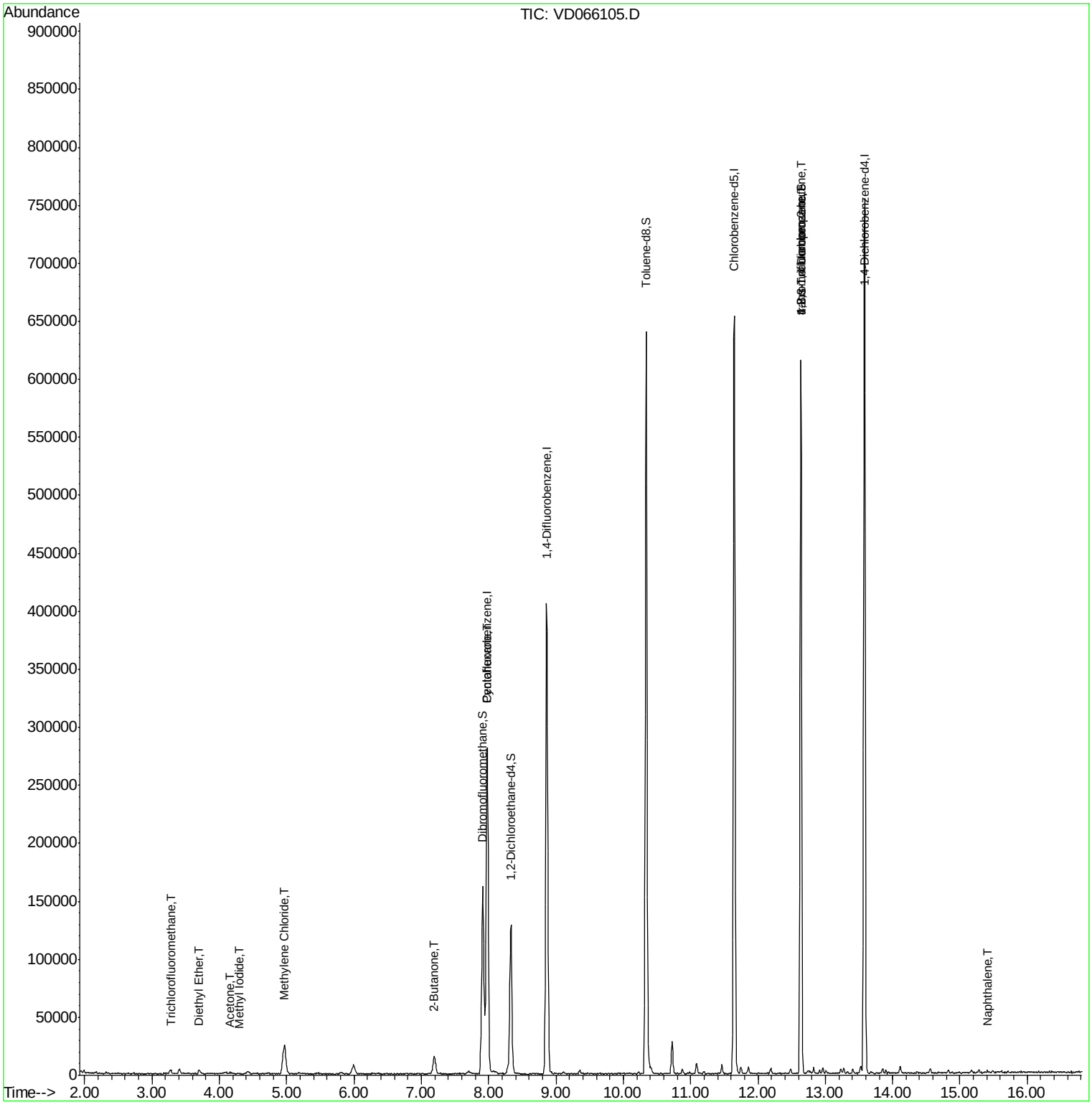
(#) = qualifier out of range (m) = manual integration (+) = signals summed

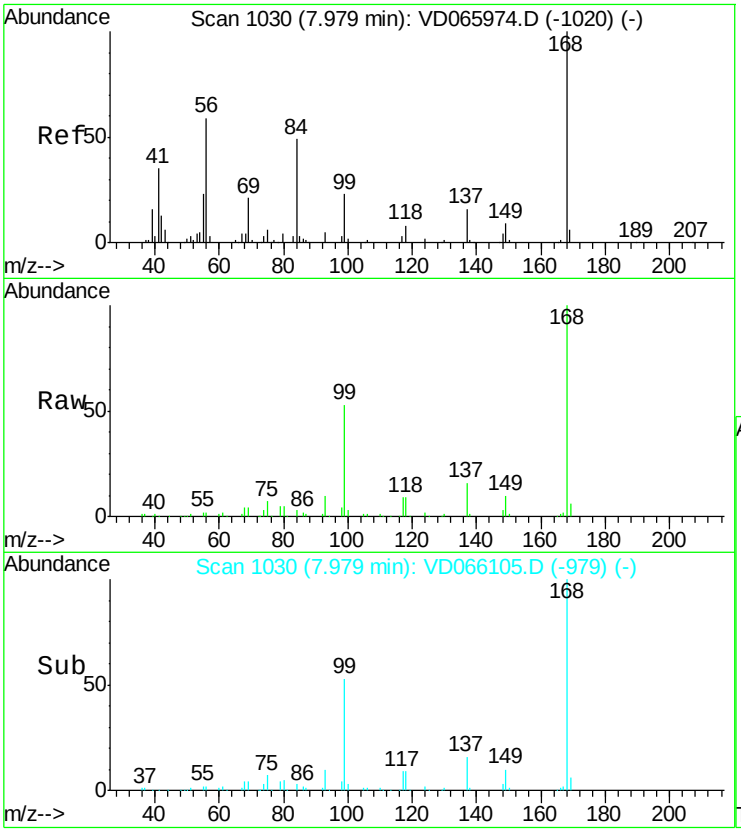
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
Data File : VD066105.D
Acq On : 30 Jul 2020 12:23
Operator : VA/SY
Sample : L3489-10RE
Misc : 5.02G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CS-10

Quant Time: Jul 31 01:54:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration



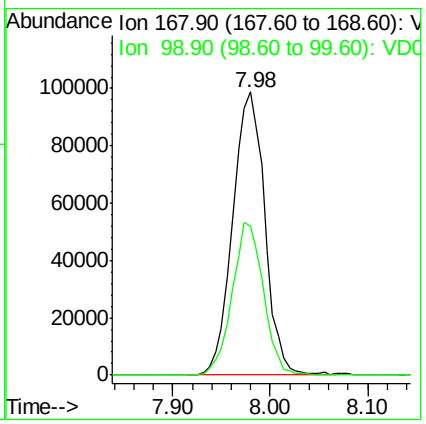


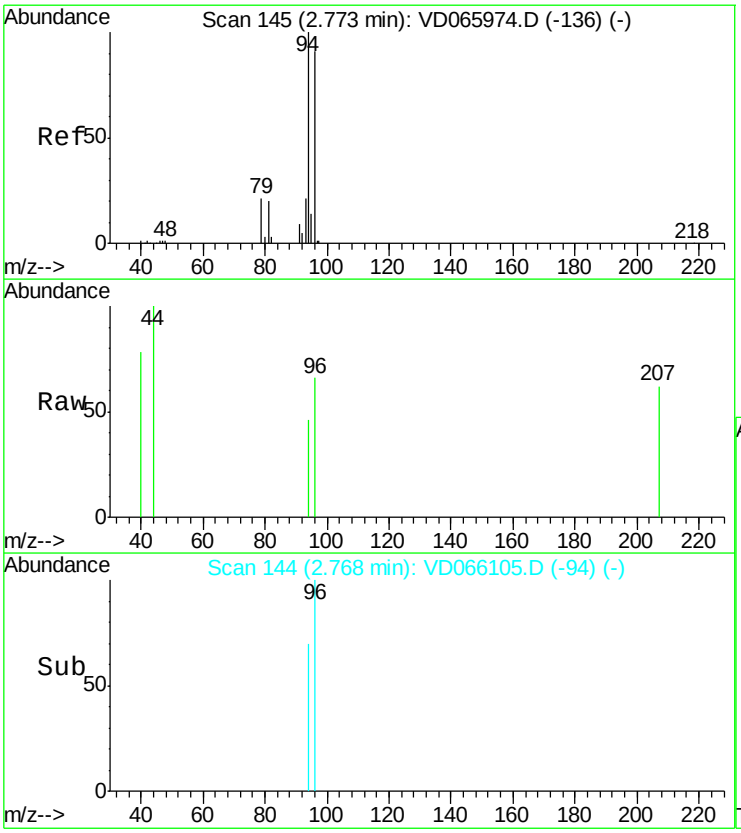
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066105.D
Acq: 30 Jul 2020 12:23

Instrument :
MSVOA_D
ClientSampleId :
CS-10

Tgt Ion:168 Resp: 226609

Ion	Ratio	Lower	Upper
168	100		
99	52.3	40.8	61.2

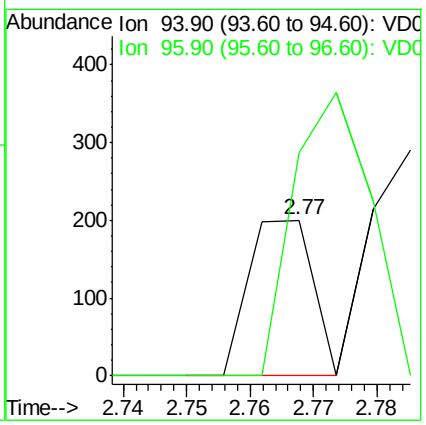


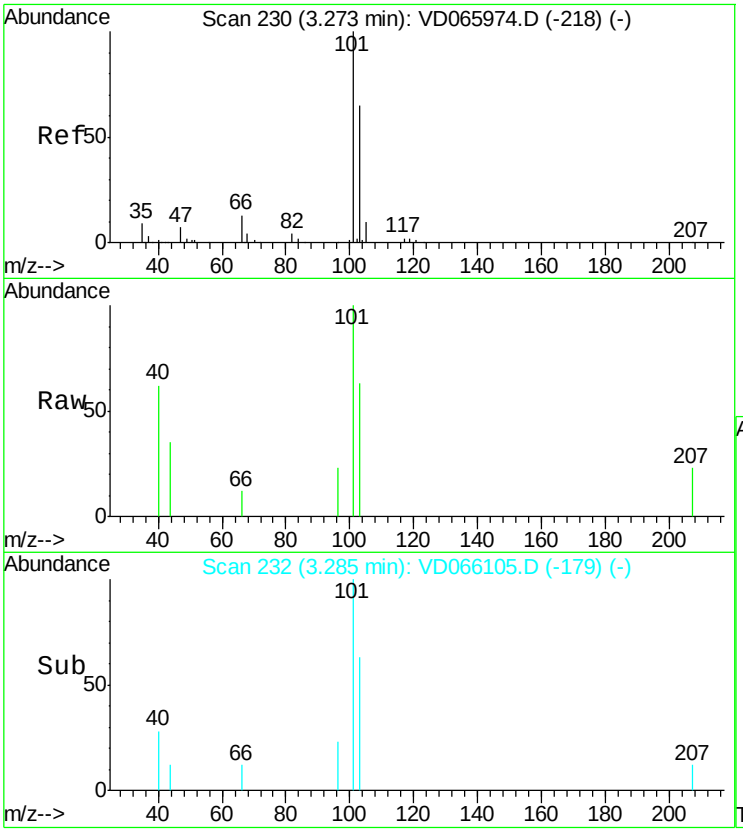


#5
Bromomethane
Concen: Below Cal
RT: 2.77 min Scan# 144
Delta R.T. -0.01 min
Lab File: VD066105.D
Acq: 30 Jul 2020 12:23

Tgt Ion: 94 Resp: 141

Ion	Ratio	Lower	Upper
94	100		
96	143.5	73.0	109.4#



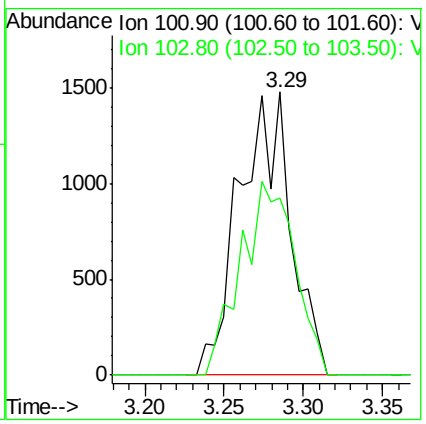


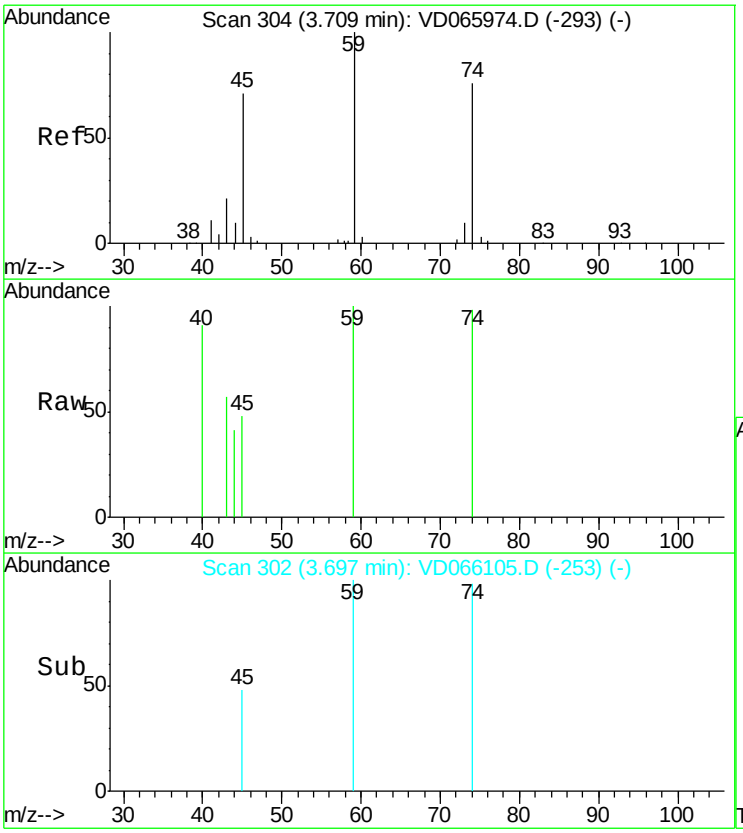
#7
Trichlorofluoromethane
Concen: 1.025 ug/l
RT: 3.29 min Scan# 232
Delta R.T. 0.01 min
Lab File: VD066105.D
Acq: 30 Jul 2020 12:23

Instrument :
MSVOA_D
ClientSampleId :
CS-10

Tgt Ion:101 Resp: 3333

Ion	Ratio	Lower	Upper
101	100		
103	62.8	52.1	78.1

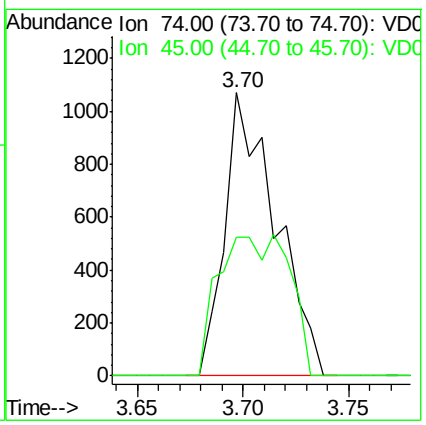


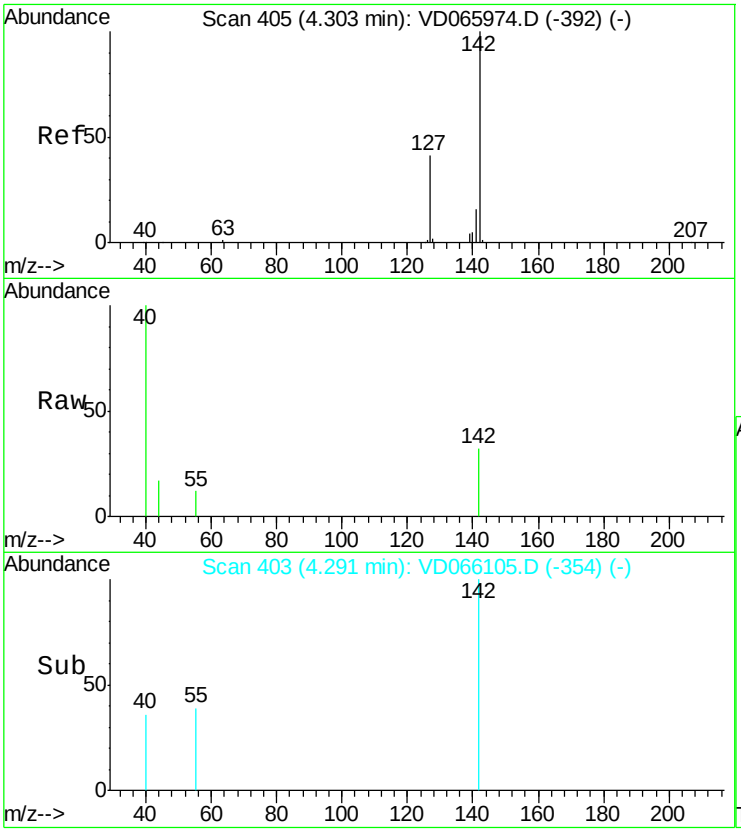


#8
Diethyl Ether
Concen: 1.990 ug/l
RT: 3.70 min Scan# 302
Delta R.T. -0.01 min
Lab File: VD066105.D
Acq: 30 Jul 2020 12:23

Tgt Ion: 74 Resp: 1788

Ion	Ratio	Lower	Upper
74	100		
45	69.6	49.9	149.6



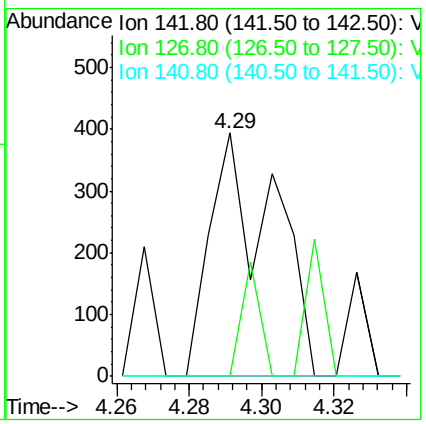


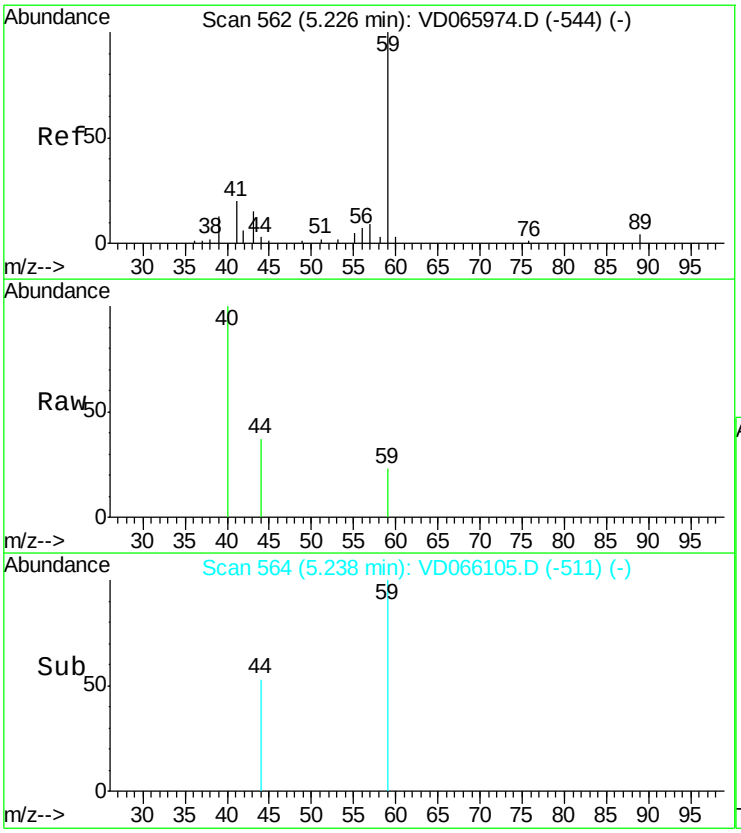
#10
Methyl Iodide
Concen: 9.009 ug/l
RT: 4.29 min Scan# 403
Delta R.T. -0.01 min
Lab File: VD066105.D
Acq: 30 Jul 2020 12:23

Instrument : MSVOA_D
ClientSampleId : CS-10

Tgt Ion:142 Resp: 472

Ion	Ratio	Lower	Upper
142	100		
127	14.0	32.9	49.3#
141	0.0	11.8	17.6#

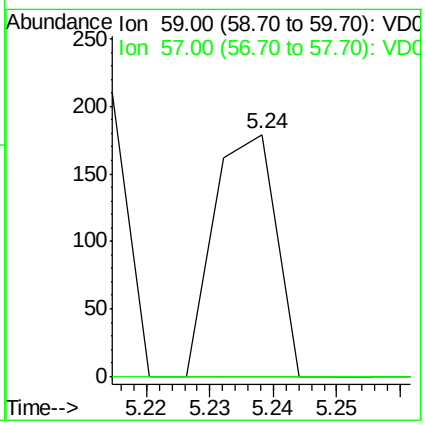


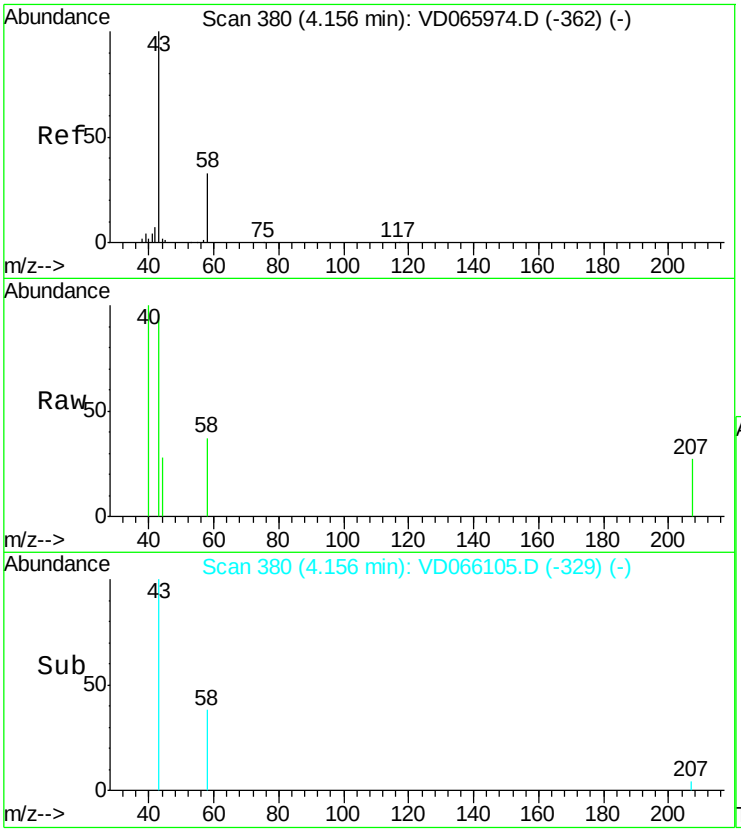


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.24 min Scan# 564
Delta R.T. 0.01 min
Lab File: VD066105.D
Acq: 30 Jul 2020 12:23

Tgt Ion: 59 Resp: 120

Ion	Ratio	Lower	Upper
59	100		
57	0.0	4.5	6.7#



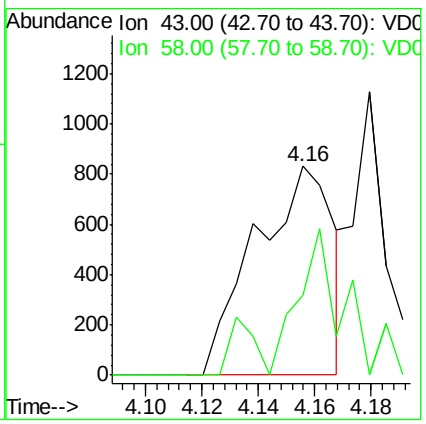


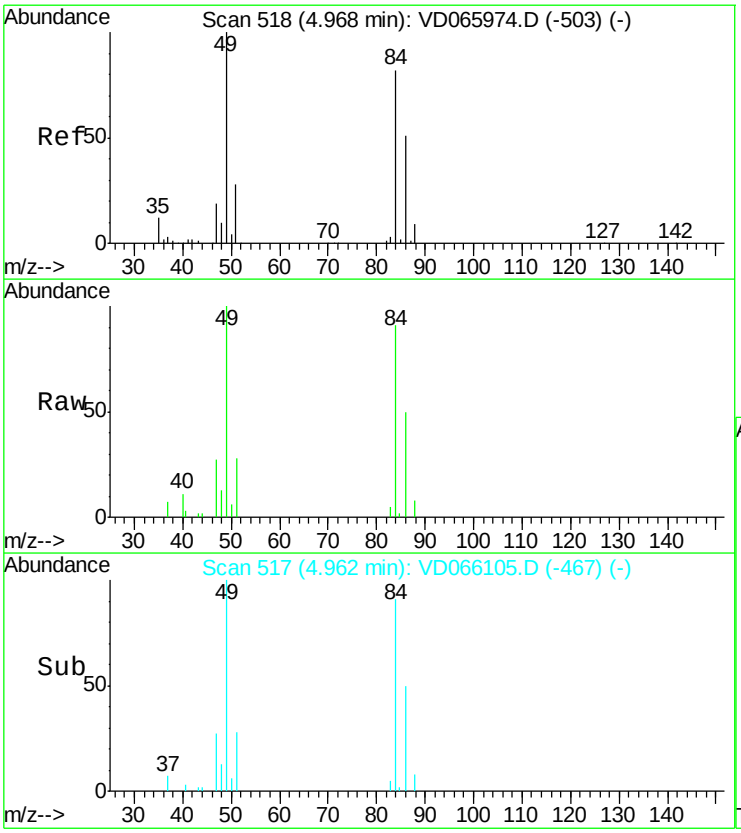
#16
Acetone
Concen: 4.244 ug/l
RT: 4.16 min Scan# 380
Delta R.T. 0.00 min
Lab File: VD066105.D
Acq: 30 Jul 2020 12:23

Instrument : MSVOA_D
ClientSampleId : CS-10

Tgt Ion: 43 Resp: 1584

Ion	Ratio	Lower	Upper
43	100		
58	38.5	26.3	39.5

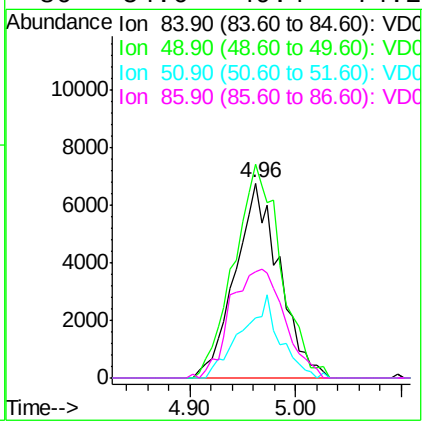


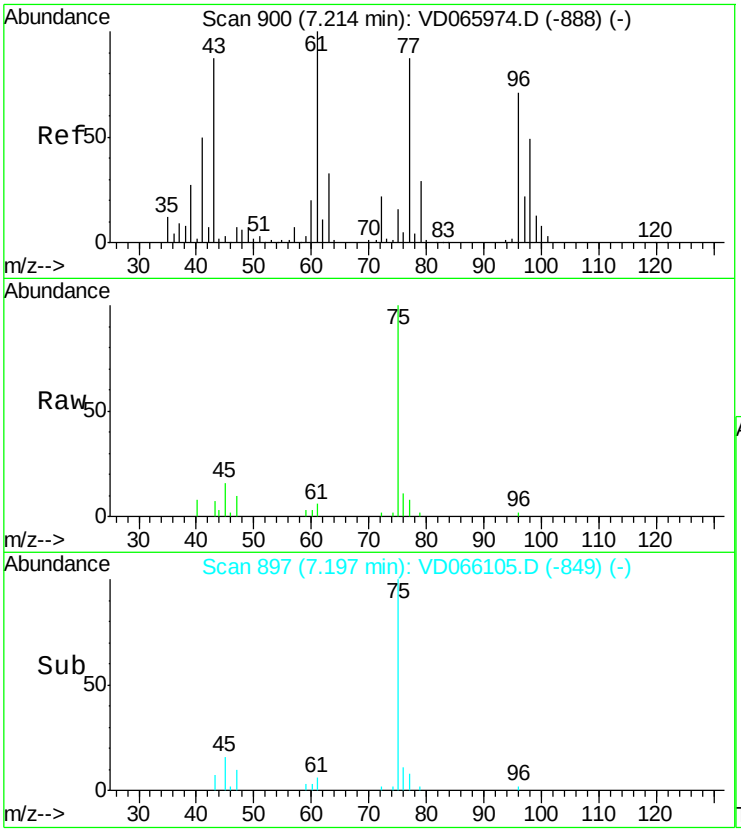


#20
Methylene Chloride
Concen: 6.975 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066105.D
Acq: 30 Jul 2020 12:23

Tgt Ion: 84 Resp: 19661

Ion	Ratio	Lower	Upper
84	100		
49	109.7	97.7	146.5
51	30.8	27.4	41.2
86	54.6	49.4	74.2



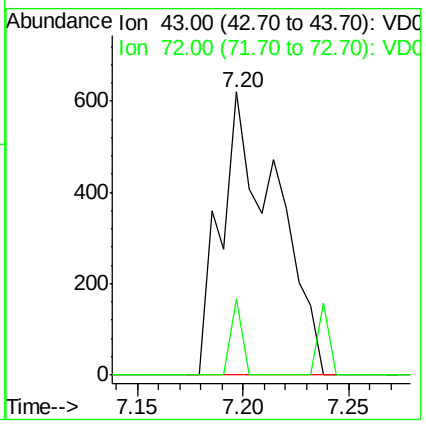


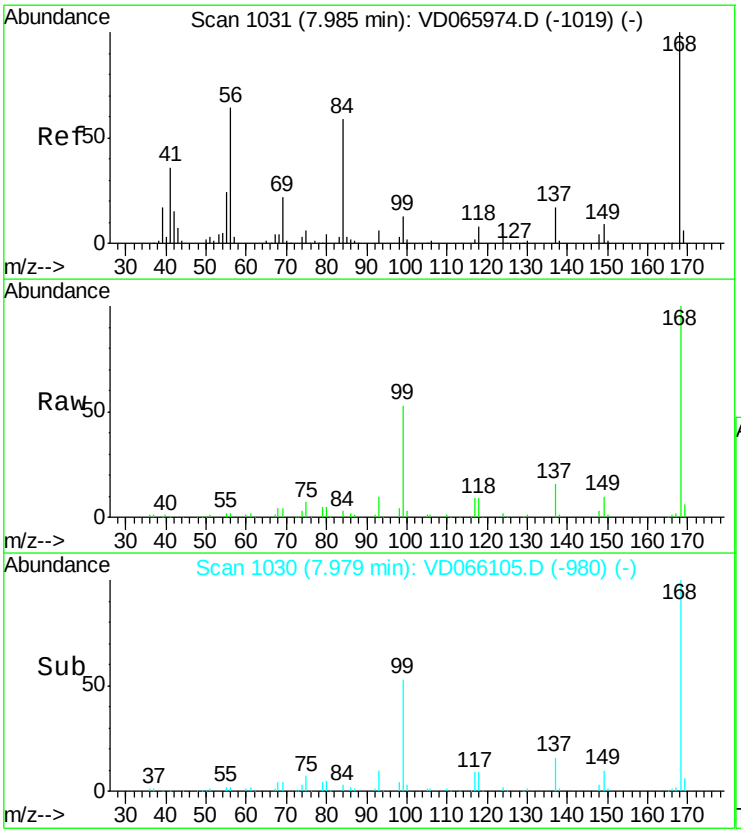
#25
2-Butanone
Concen: 2.288 ug/l
RT: 7.20 min Scan# 897
Delta R.T. -0.02 min
Lab File: VD066105.D
Acq: 30 Jul 2020 12:23

Instrument :
MSVOA_D
ClientSampleId :
CS-10

Tgt Ion: 43 Resp: 1133

Ion	Ratio	Lower	Upper
43	100		
72	26.8	20.2	30.2

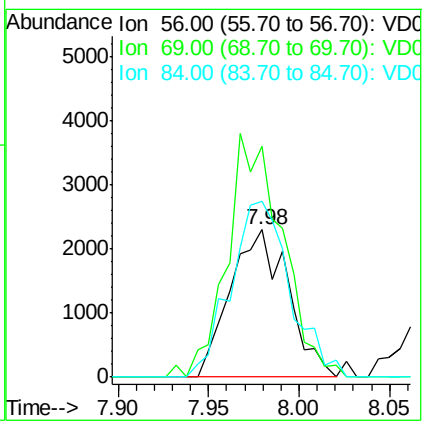


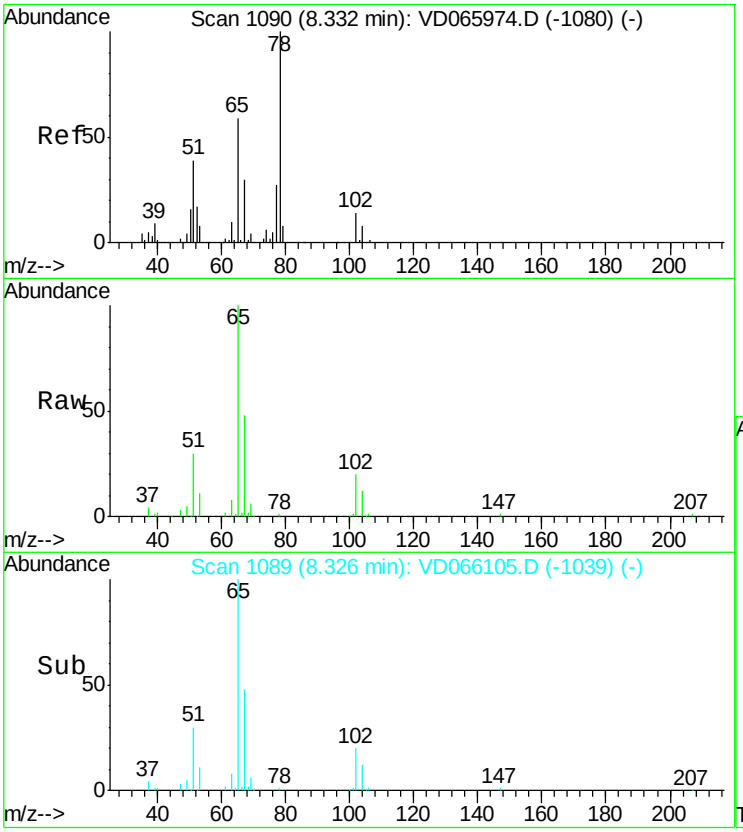


#31
Cyclohexane
Concen: 1.534 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066105.D
Acq: 30 Jul 2020 12:23

Tgt Ion: 56 Resp: 5088

Ion	Ratio	Lower	Upper
56	100		
69	156.9	28.0	42.0#
84	119.4	72.6	109.0#



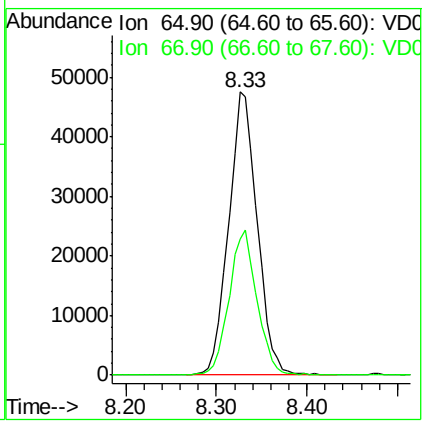


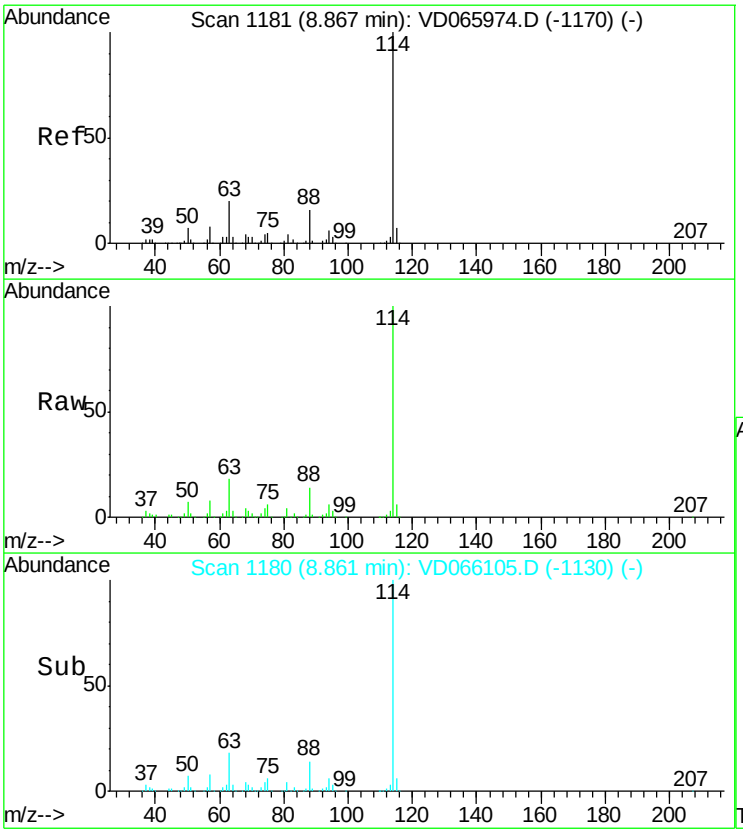
#33
1,2-Dichloroethane-d4
Concen: 56.392 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066105.D
Acq: 30 Jul 2020 12:23

Instrument :
MSVOA_D
ClientSampleId :
CS-10

Tgt Ion: 65 Resp: 103981

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	105.0

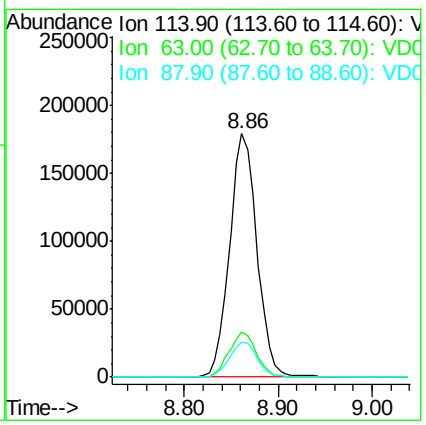


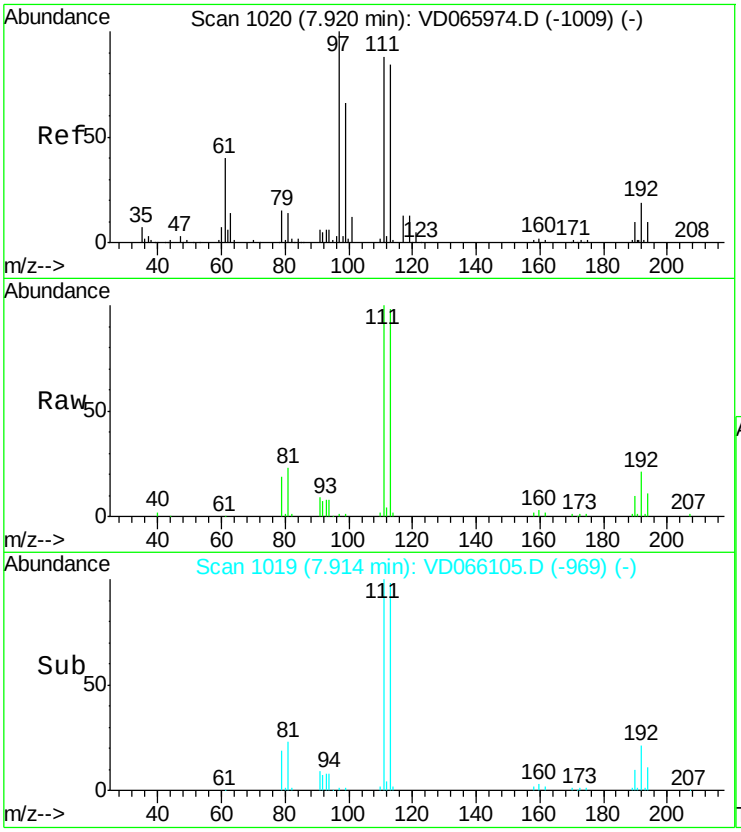


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD066105.D
Acq: 30 Jul 2020 12:23

Tgt Ion:114 Resp: 361566

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	39.6
88	14.4	0.0	31.2



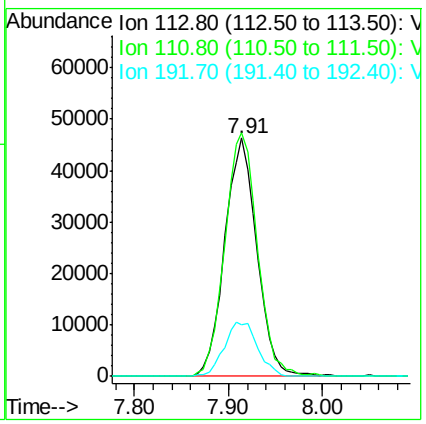


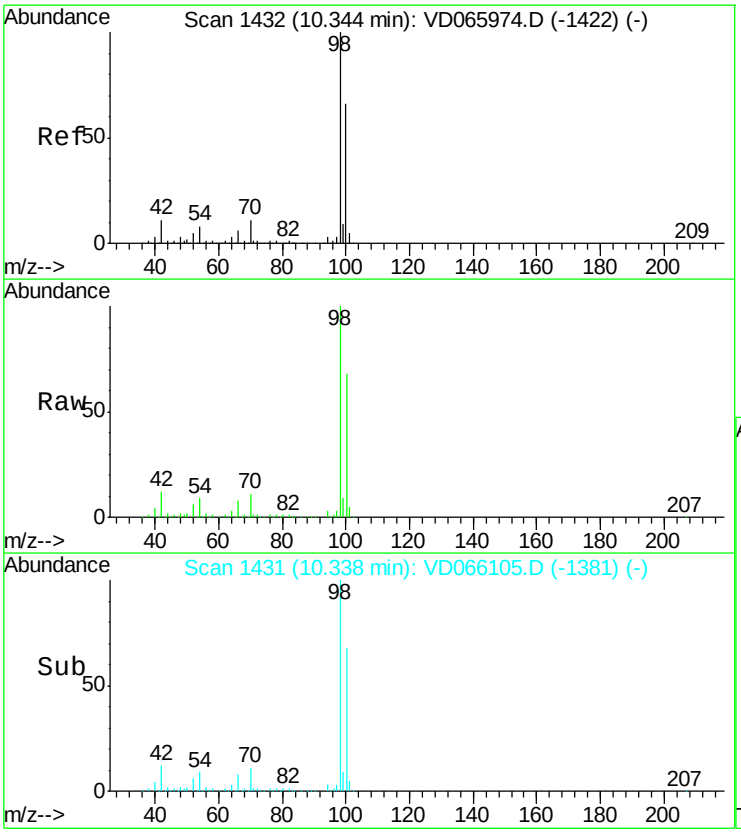
#35
Dibromofluoromethane
Concen: 50.052 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD066105.D
Acq: 30 Jul 2020 12:23

Instrument :
MSVOA_D
ClientSampleId :
CS-10

Tgt Ion:113 Resp: 109765

Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.2	124.8
192	23.6	18.7	28.1

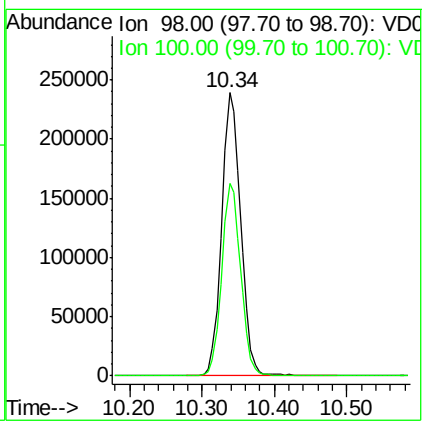


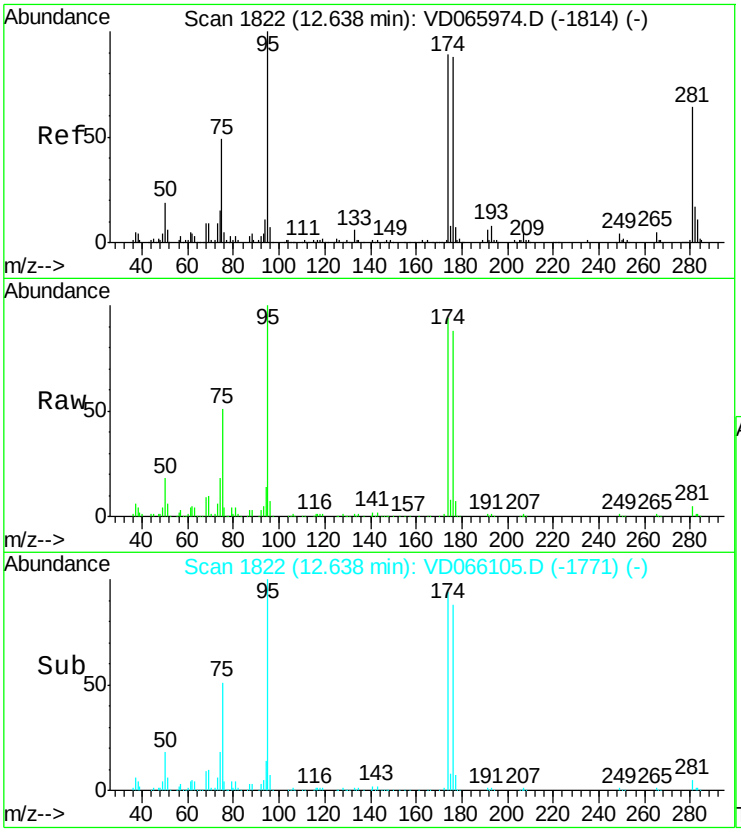


#50
Toluene-d8
Concen: 53.593 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD066105.D
Acq: 30 Jul 2020 12:23

Tgt Ion: 98 Resp: 437833

Ion	Ratio	Lower	Upper
98	100		
100	67.1	52.7	79.1



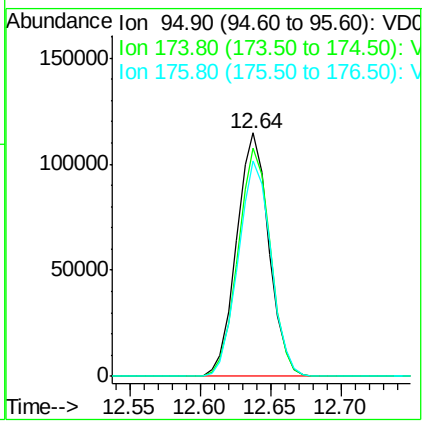


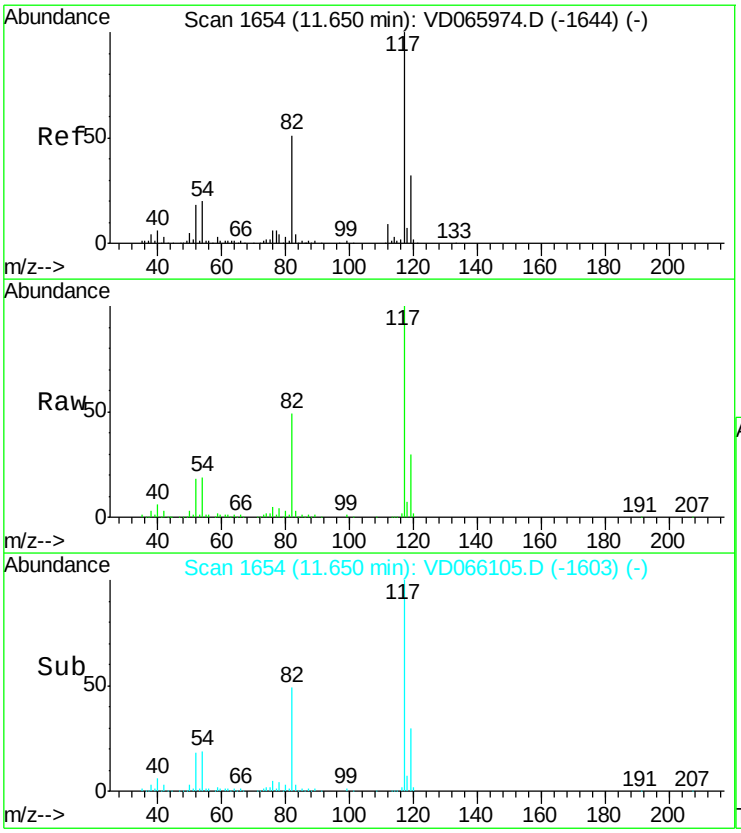
#62
4-Bromofluorobenzene
Concen: 64.771 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD066105.D
Acq: 30 Jul 2020 12:23

Instrument :
MSVOA_D
ClientSampleId :
CS-10

Tgt Ion: 95 Resp: 183476

Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	178.8
176	90.1	0.0	172.6

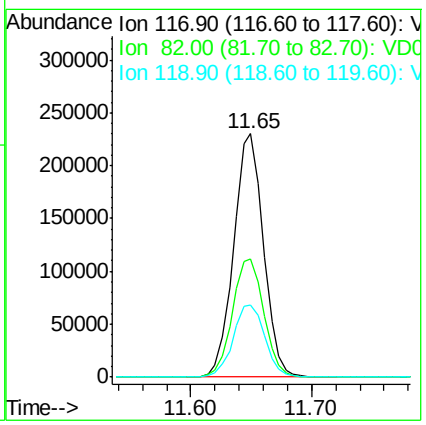


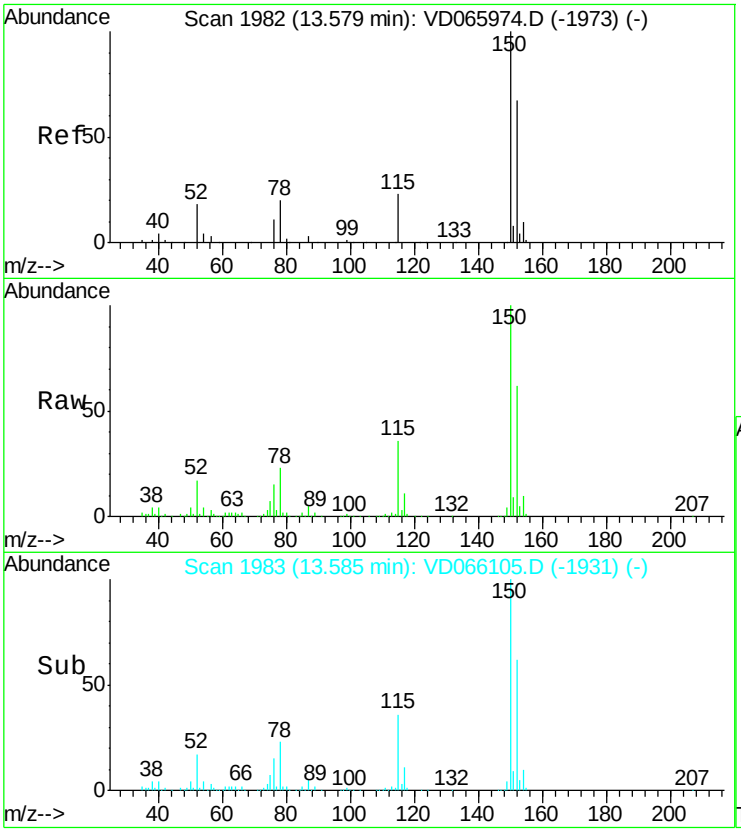


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066105.D
Acq: 30 Jul 2020 12:23

Tgt Ion:117 Resp: 396171

Ion	Ratio	Lower	Upper
117	100		
82	48.7	41.1	61.7
119	29.8	25.9	38.9



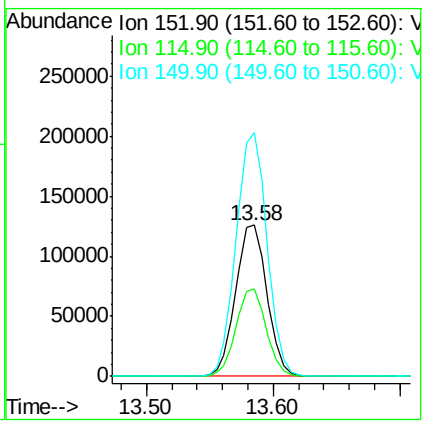


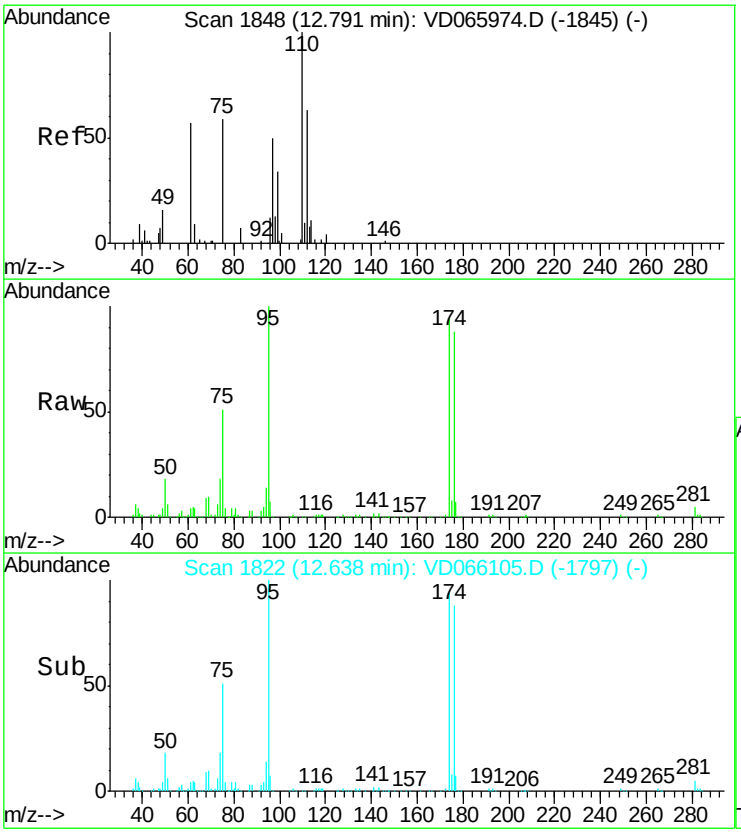
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066105.D
Acq: 30 Jul 2020 12:23

Instrument :
MSVOA_D
ClientSampleId :
CS-10

Tgt Ion:152 Resp: 215717

Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.9	83.7
150	159.0	0.0	348.2

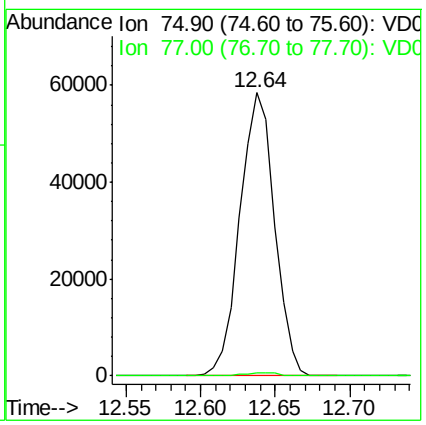


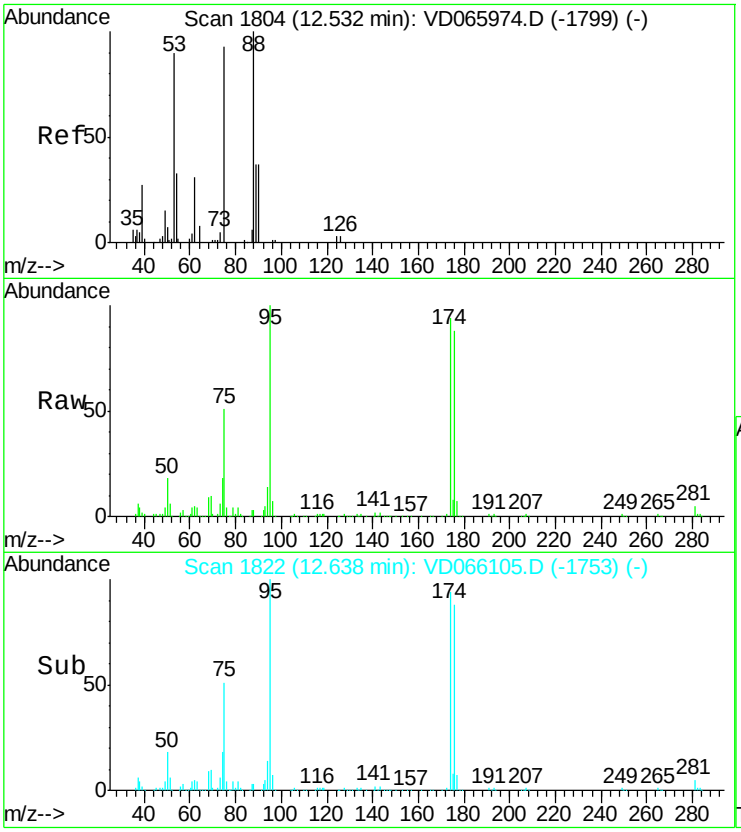


#76
1,2,3-Trichloropropane
Concen: 57.741 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD066105.D
Acq: 30 Jul 2020 12:23

Tgt Ion: 75 Resp: 93785

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#



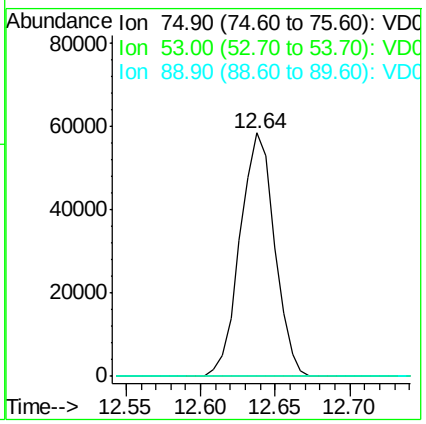


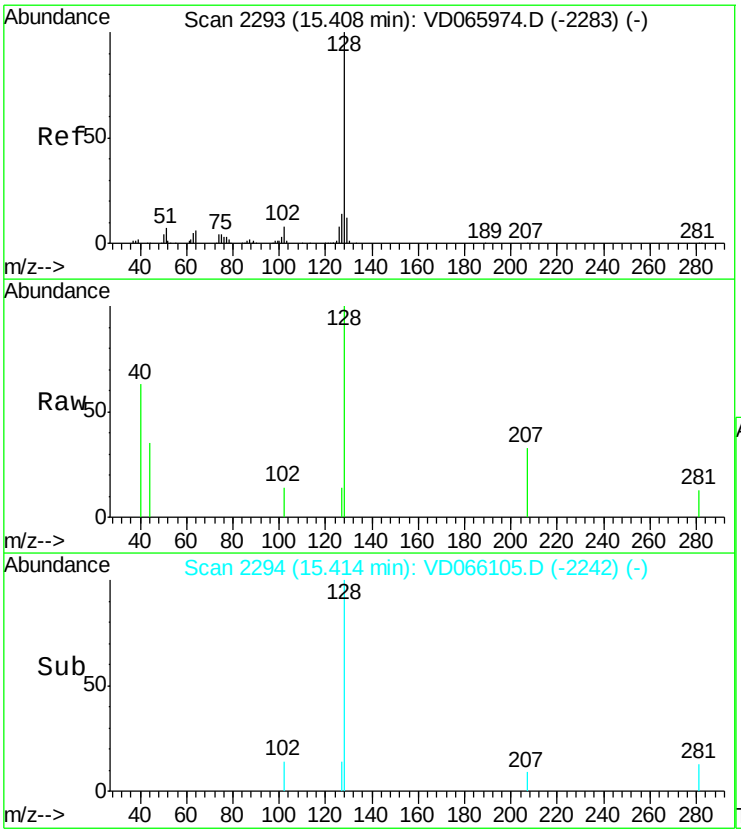
#81
trans-1,4-Dichloro-2-butene
Concen: 132.495 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD066105.D
Acq: 30 Jul 2020 12:23

Instrument :
MSVOA_D
ClientSampleId :
CS-10

Tgt Ion: 75 Resp: 93785

Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.8	115.2#
89	0.2	37.0	55.4#





#95
Naphthalene
Concen: 3.832 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD066105.D
Acq: 30 Jul 2020 12:23

Tgt Ion:128 Resp: 2101

Ion	Ratio	Lower	Upper
128	100		
127	2.9	10.8	16.2#
129	0.0	8.9	13.3#