Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061920\
Data File : VD065822.D
Acq On : 19 Jun 2020 12:04
Operator : VA/SY
Sample : VD0619SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0619SBL01

Quant Time: Jun 20 01:22:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.98	168	162325	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.86	114	281383	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.64	117	256567	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	110219	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.33	65	91841	57.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 114.52%				
35) Dibromofluoromethane	7.91	113	87900	49.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.90%				
50) Toluene-d8	10.34	98	325602	49.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.26%				
62) 4-Bromofluorobenzene	12.64	95	102035	45.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.99	85	573	Below Cal		#	42
3) Chloromethane	2.21	50	812	Below Cal		#	88
11) Tert butyl alcohol	5.23	59	216	Below Cal		#	74
15) Acrylonitrile	5.43	53	504	1.556	ug/l	#	68
16) Acetone	4.17	43	1962	6.485	ug/l		93
18) Methyl Acetate	4.72	43	246	Below Cal			94
25) 2-Butanone	7.21	43	1623	3.884	ug/l	#	52
29) Tetrahydrofuran	7.57	42	560	2.120	ug/l	#	43
31) Cyclohexane	7.98	56	5699	1.981	ug/l	#	45
51) 4-Methyl-2-Pentanone	10.23	43	1325	1.281	ug/l		93
58) 2-Chloroethyl Vinyl ether	9.94	63	1745	2.378	ug/l		91
59) 2-Hexanone	10.98	43	1260	1.807	ug/l		82
76) 1,2,3-Trichloropropane	12.64	75	55871	65.179	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.64	75	55871	140.828	ug/l	#	9

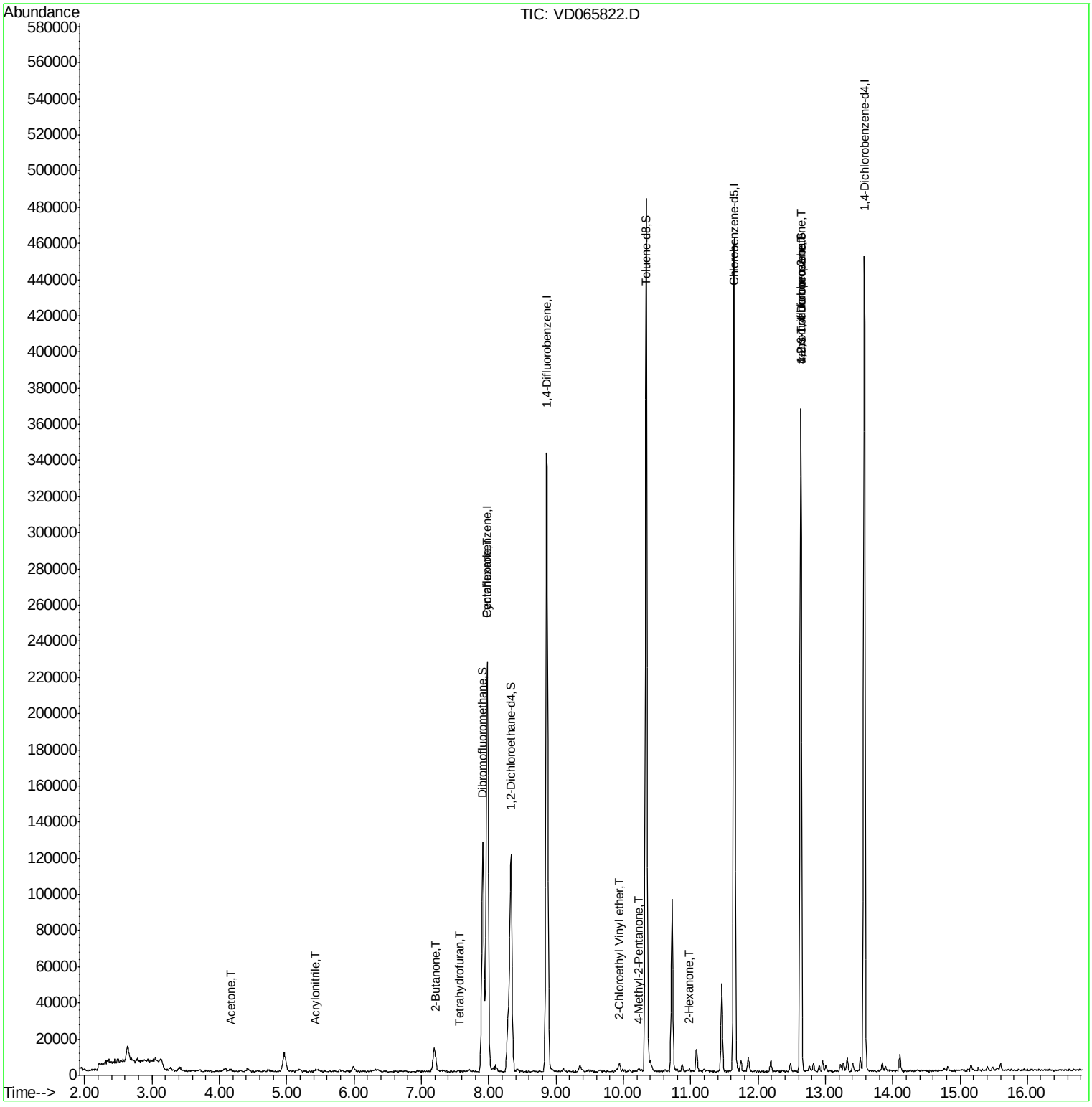
(#) = qualifier out of range (m) = manual integration (+) = signals summed

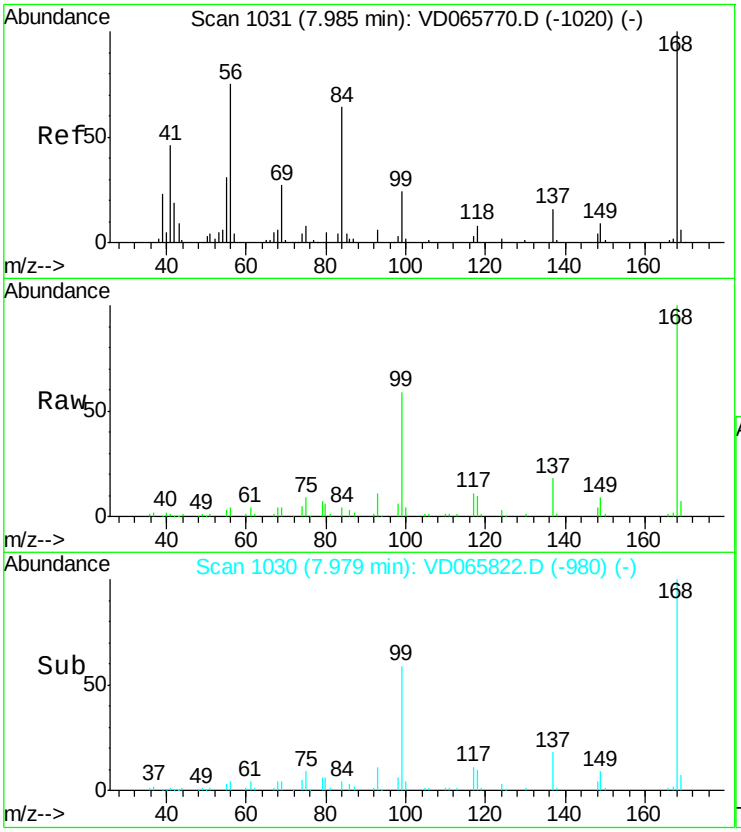
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061920\
Data File : VD065822.D
Acq On : 19 Jun 2020 12:04
Operator : VA/SY
Sample : VD0619SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBL01

Quant Time: Jun 20 01:22:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration



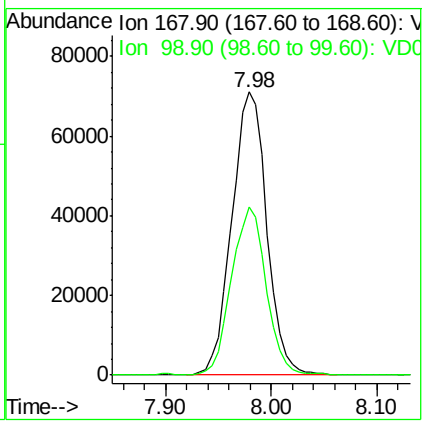


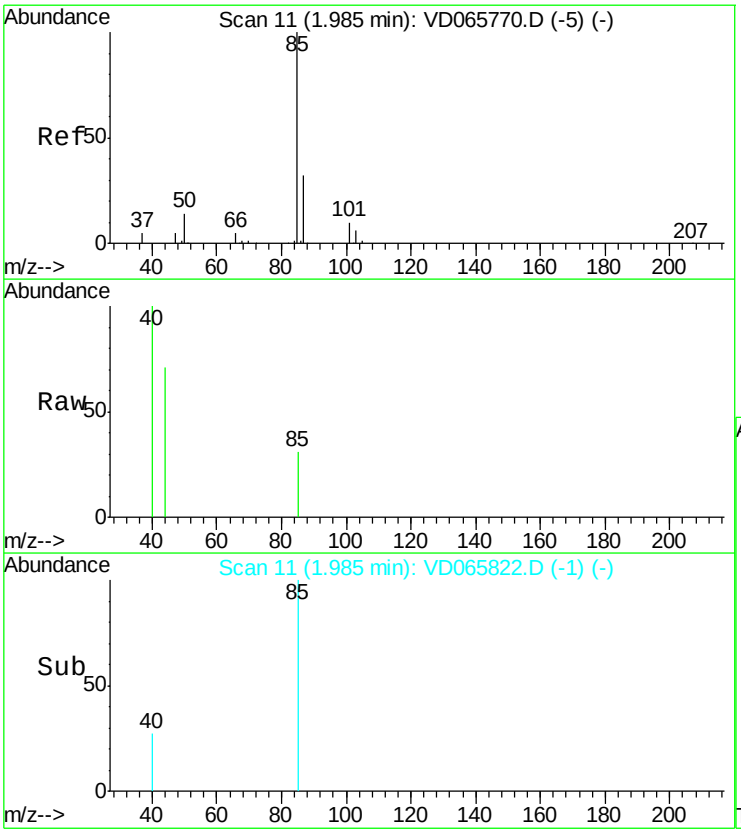
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBL01

Tgt Ion:168 Resp: 162325

Ion	Ratio	Lower	Upper
168	100		
99	59.3	45.3	67.9

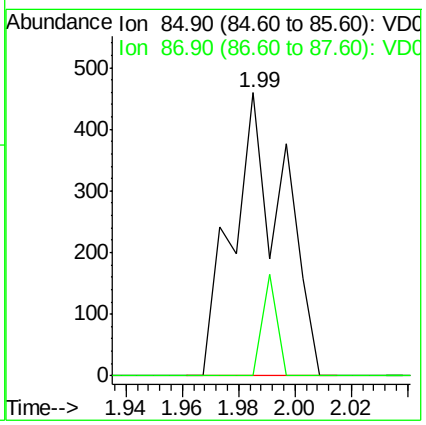


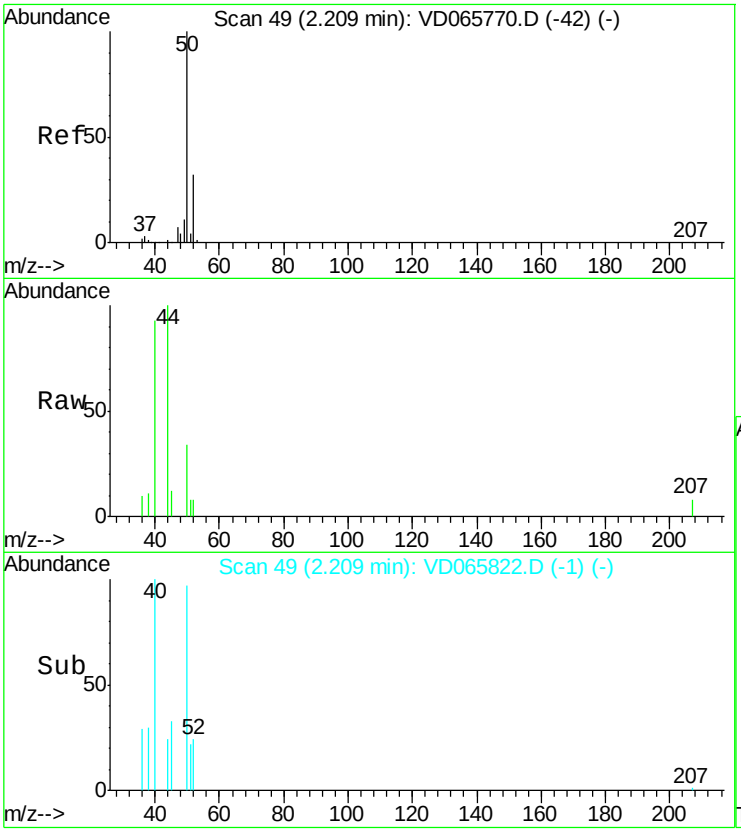


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.99 min Scan# 11
Delta R.T. 0.00 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Tgt Ion: 85 Resp: 573

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.2	48.5#



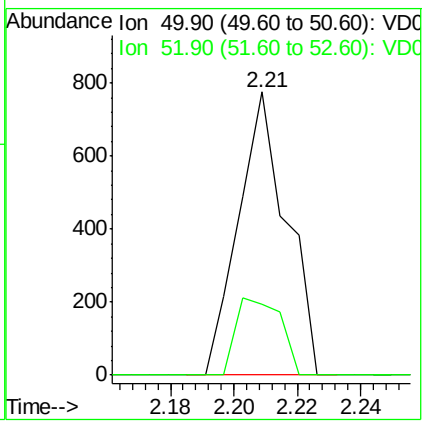


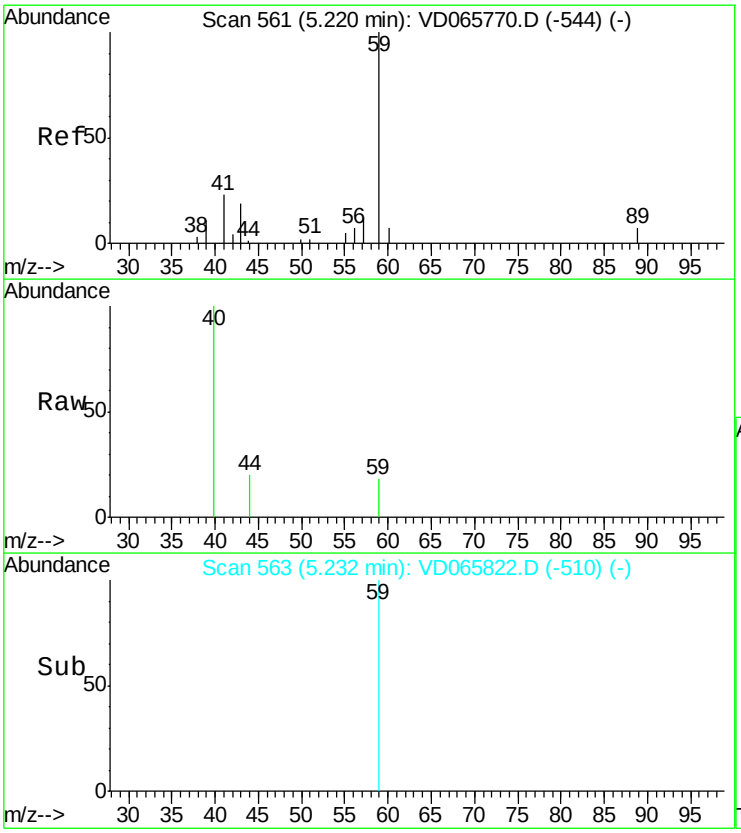
#3
Chloromethane
Concen: Below Cal
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Instrument : MSVOA_D
ClientSampleId : VD0619SBL01

Tgt Ion: 50 Resp: 812

Ion	Ratio	Lower	Upper
50	100		
52	25.0	25.6	38.4#

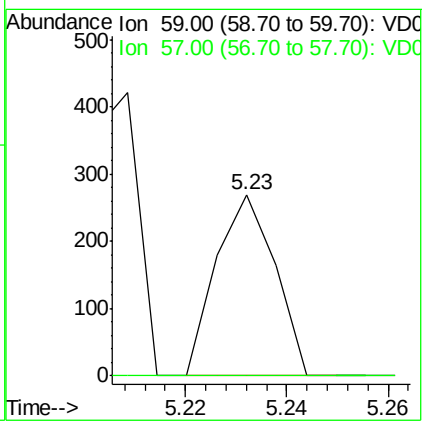


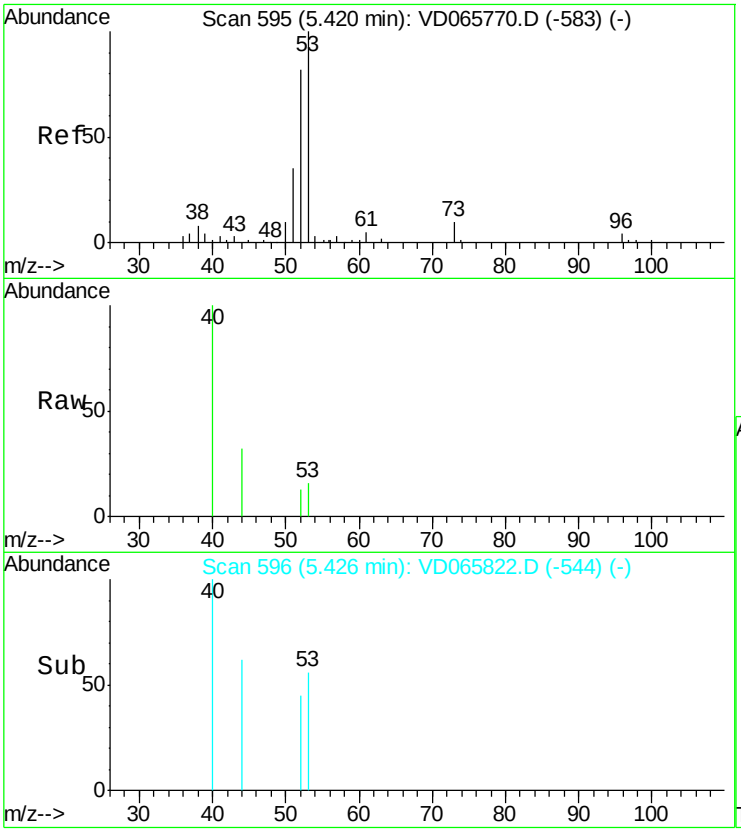


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.23 min Scan# 563
Delta R.T. 0.01 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Tgt Ion: 59 Resp: 216

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.5	11.3#



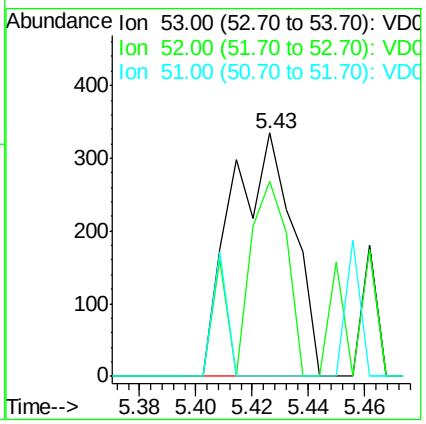


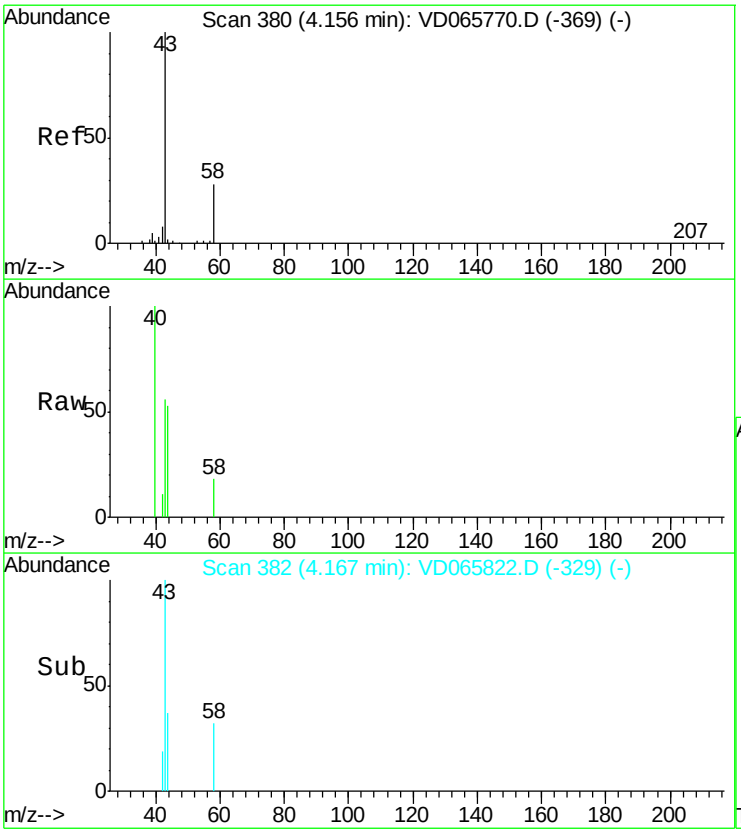
#15
Acrylonitrile
Concen: 1.556 ug/l
RT: 5.43 min Scan# 596
Delta R.T. 0.01 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Instrument : MSVOA_D
ClientSampleId : VD0619SBL01

Tgt Ion: 53 Resp: 504

Ion	Ratio	Lower	Upper
53	100		
52	58.3	66.2	99.2#
51	11.9	30.7	46.1#

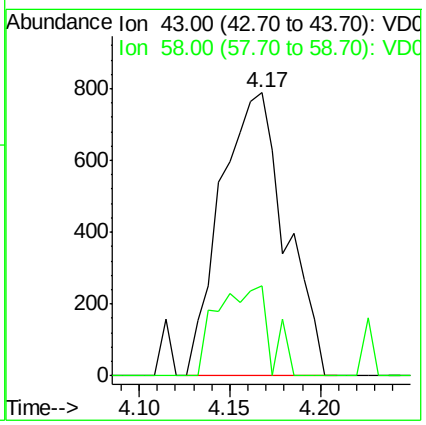


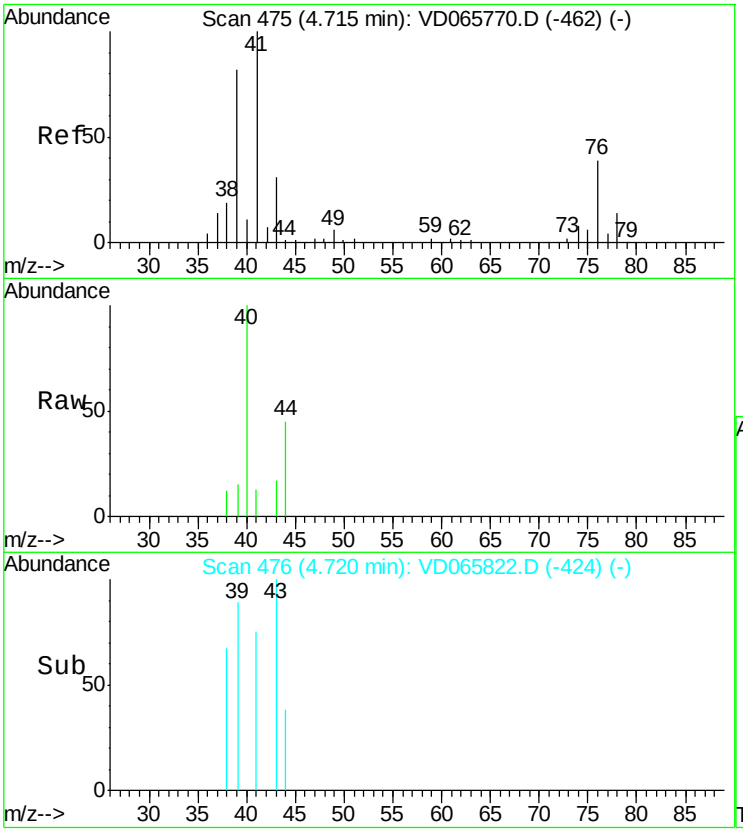


#16
Acetone
Concen: 6.485 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.01 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Tgt Ion: 43 Resp: 1962

Ion	Ratio	Lower	Upper
43	100		
58	31.6	22.3	33.5



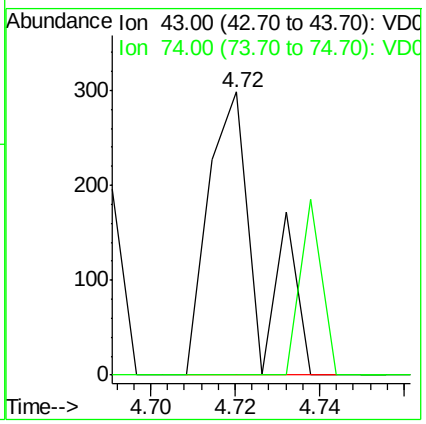


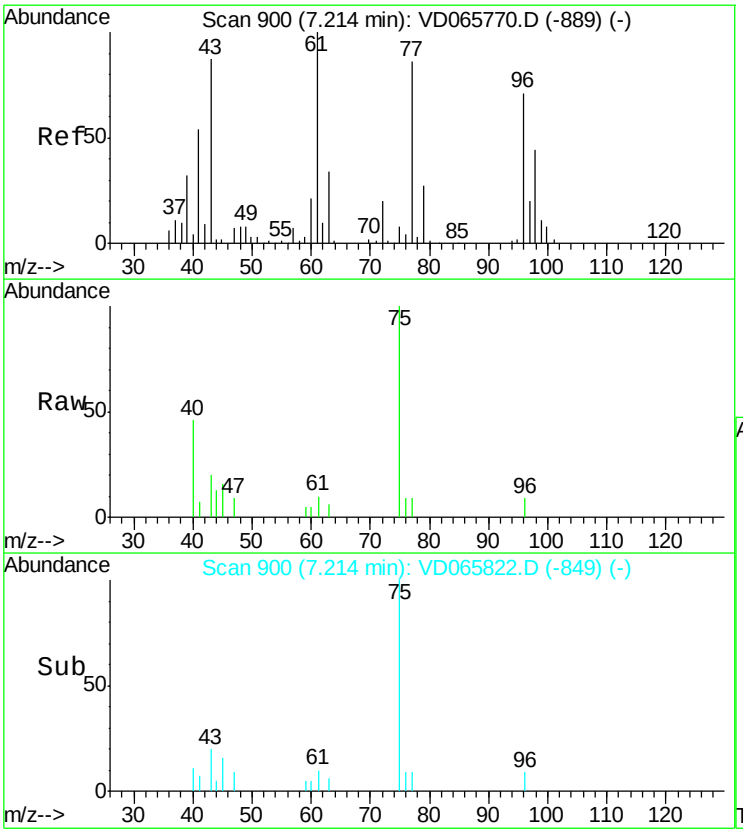
#18
Methyl Acetate
Concen: Below Cal
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Instrument : MSVOA_D
ClientSampleId : VD0619SBL01

Tgt Ion: 43 Resp: 246

Ion	Ratio	Lower	Upper
43	100		
74	26.4	18.7	28.1

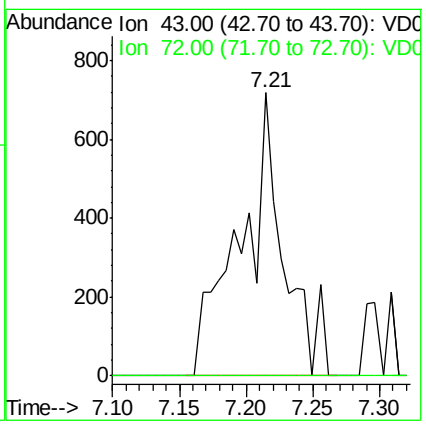


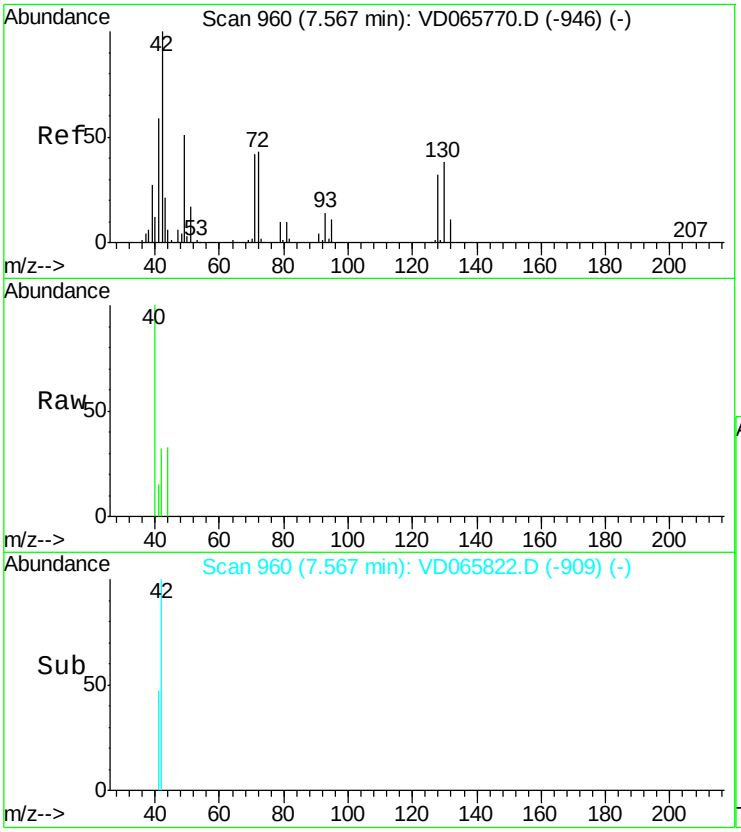


#25
2-Butanone
Concen: 3.884 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Tgt Ion: 43 Resp: 1623

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.5	27.7#



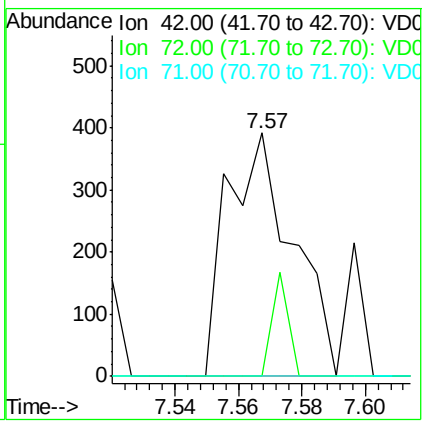


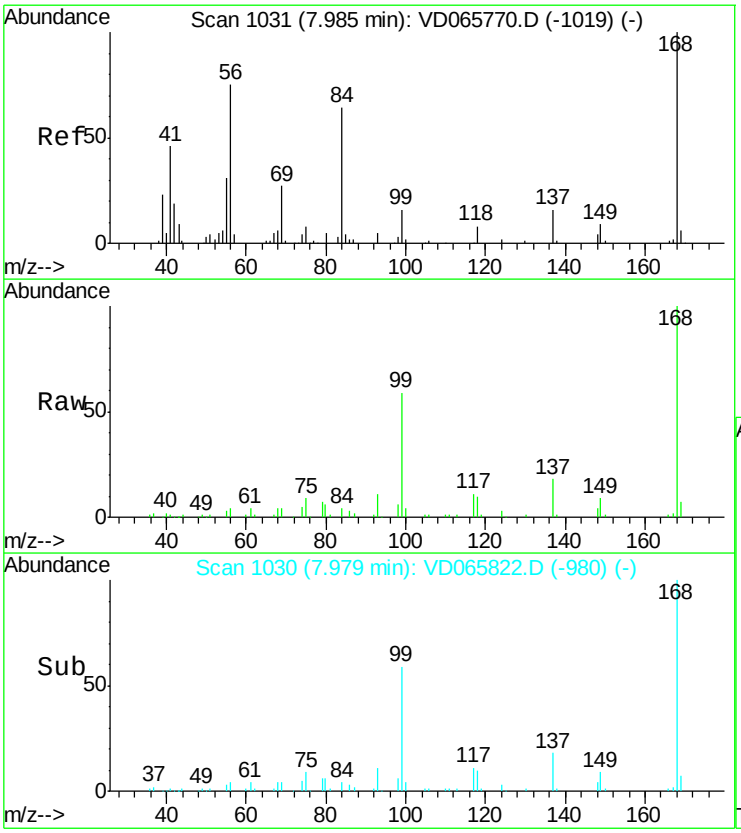
#29
Tetrahydrofuran
Concen: 2.120 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.00 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Instrument : MSVOA_D
ClientSampleId : VD0619SBL01

Tgt Ion: 42 Resp: 560

Ion	Ratio	Lower	Upper
42	100		
72	10.5	34.9	52.3#
71	0.0	31.2	46.8#

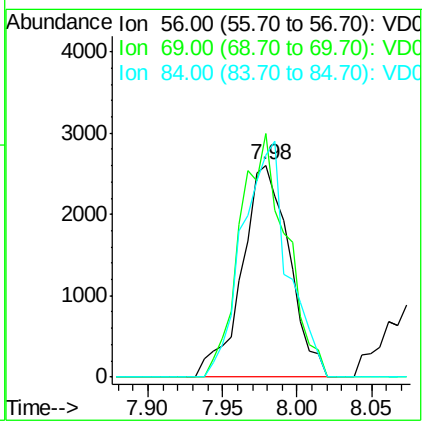


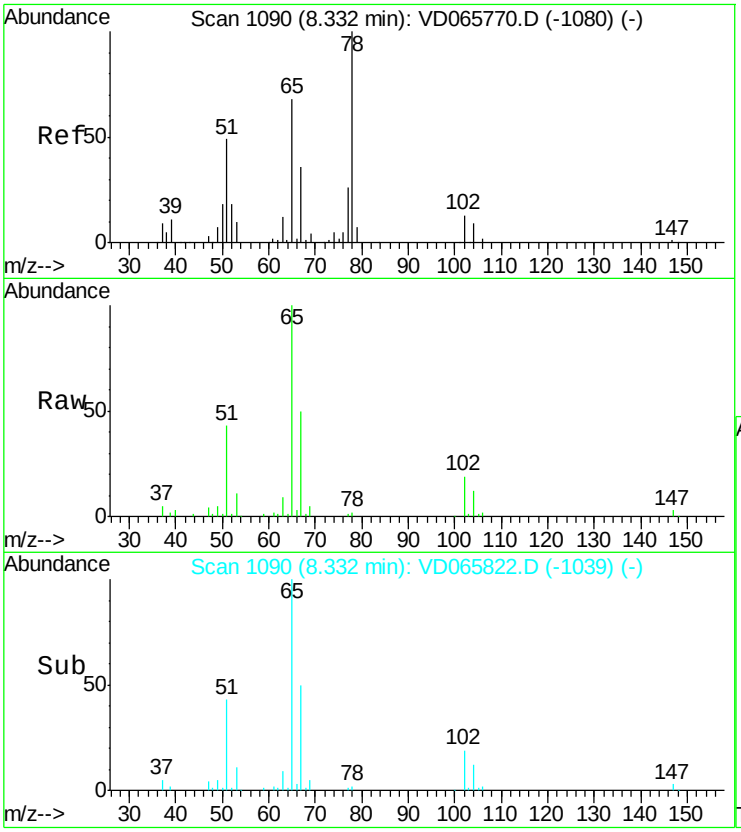


#31
Cyclohexane
Concen: 1.981 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Tgt Ion: 56 Resp: 5699

Ion	Ratio	Lower	Upper
56	100		
69	114.8	28.5	42.7#
84	104.9	68.4	102.6#



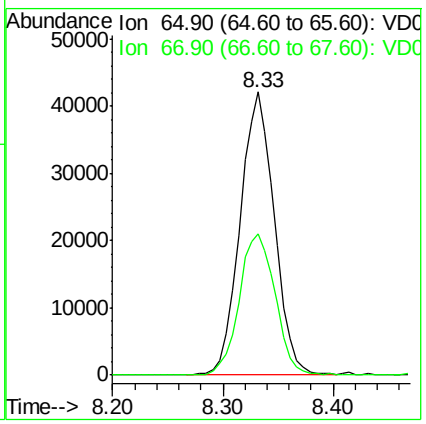


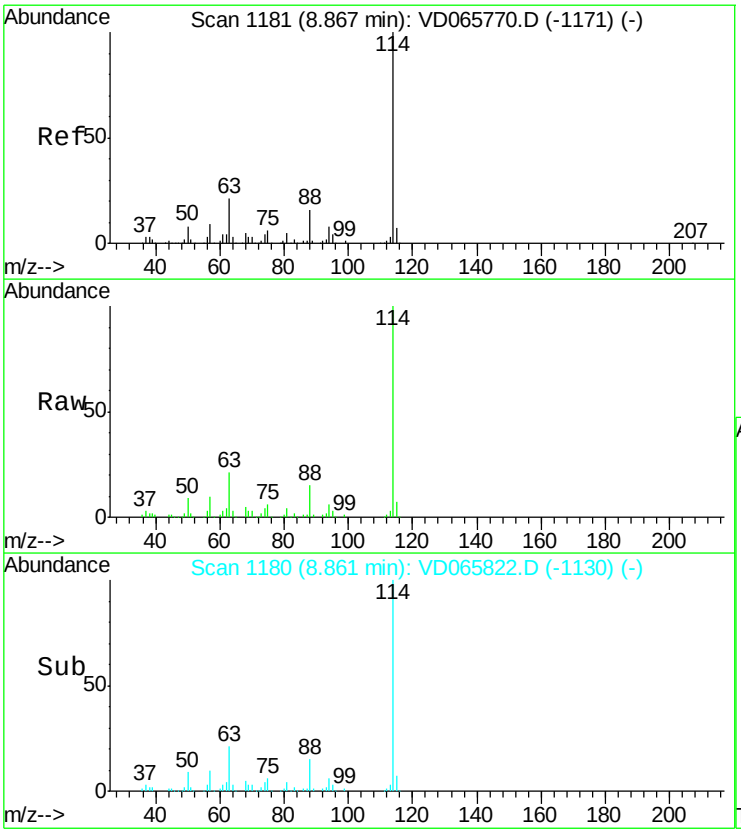
#33
1,2-Dichloroethane-d4
Concen: 57.258 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Instrument : MSVOA_D
ClientSampleId : VD0619SBL01

Tgt Ion: 65 Resp: 91841

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.6

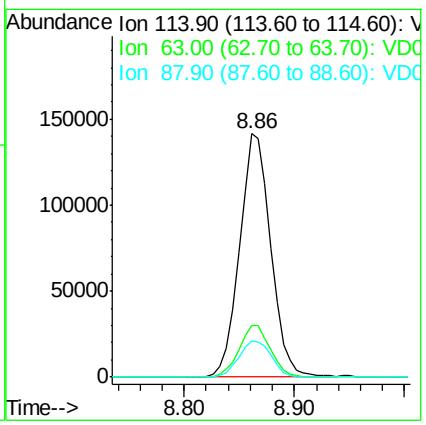


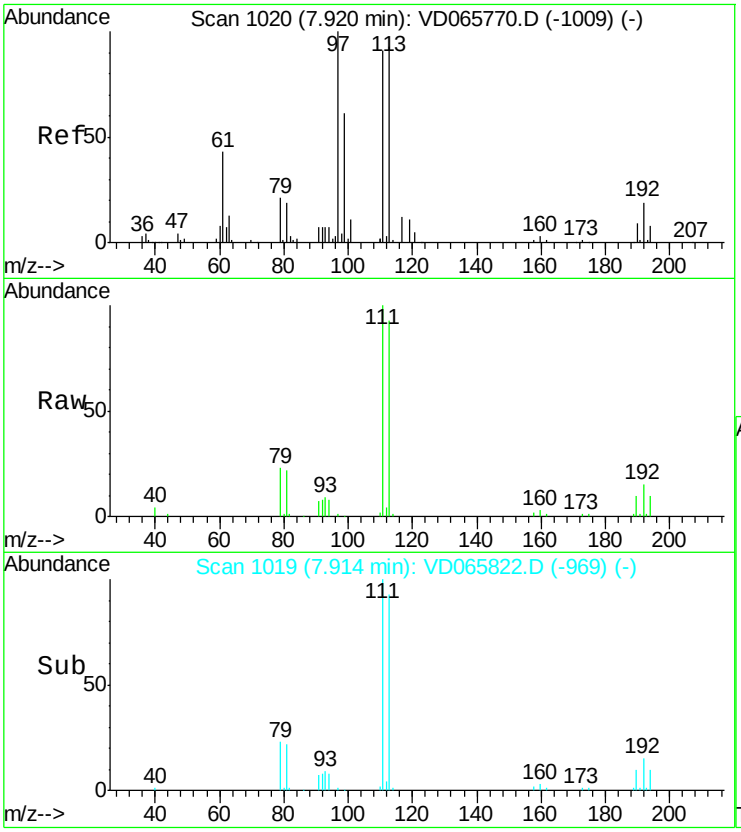


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Tgt Ion:114 Resp: 281383

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	41.8
88	15.0	0.0	32.0



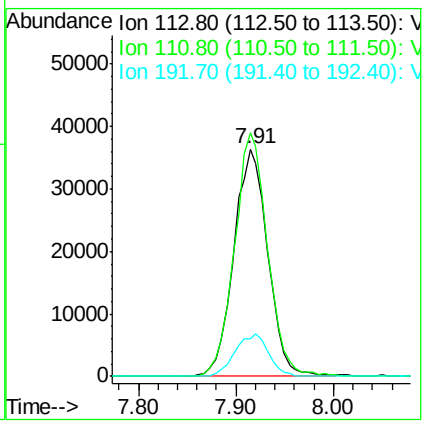


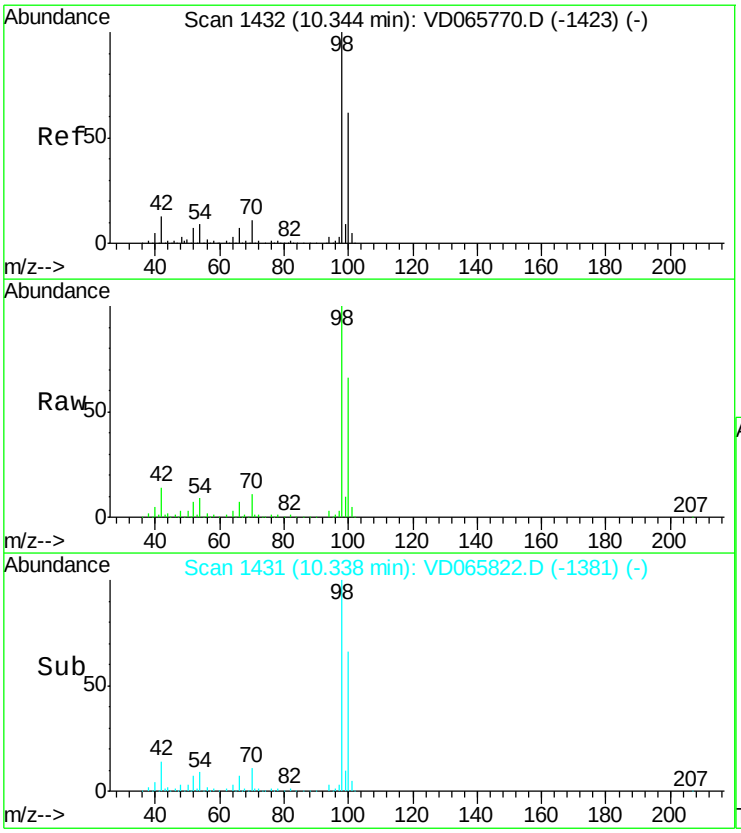
#35
Dibromofluoromethane
Concen: 49.455 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Instrument : MSVOA_D
ClientSampleId : VD0619SBL01

Tgt Ion:113 Resp: 87900

Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.4	125.0
192	18.3	15.7	23.5

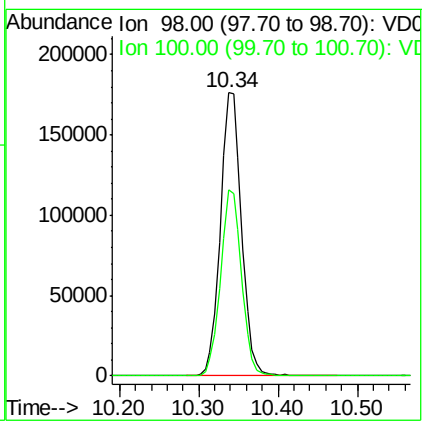


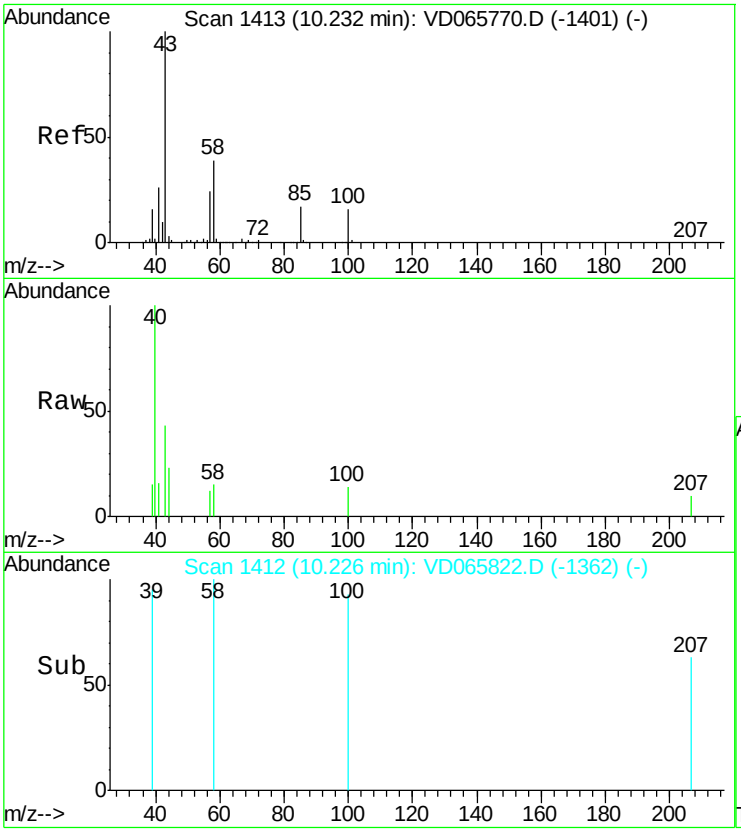


#50
Toluene-d8
Concen: 49.128 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Tgt Ion: 98 Resp: 325602

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.4	77.2



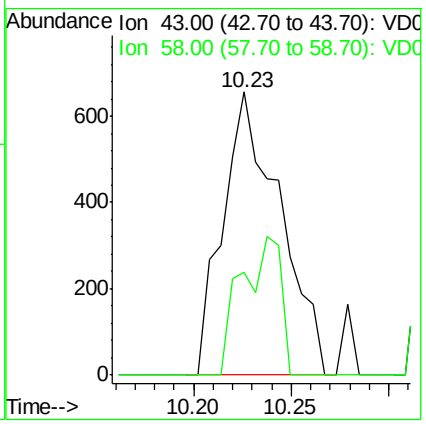


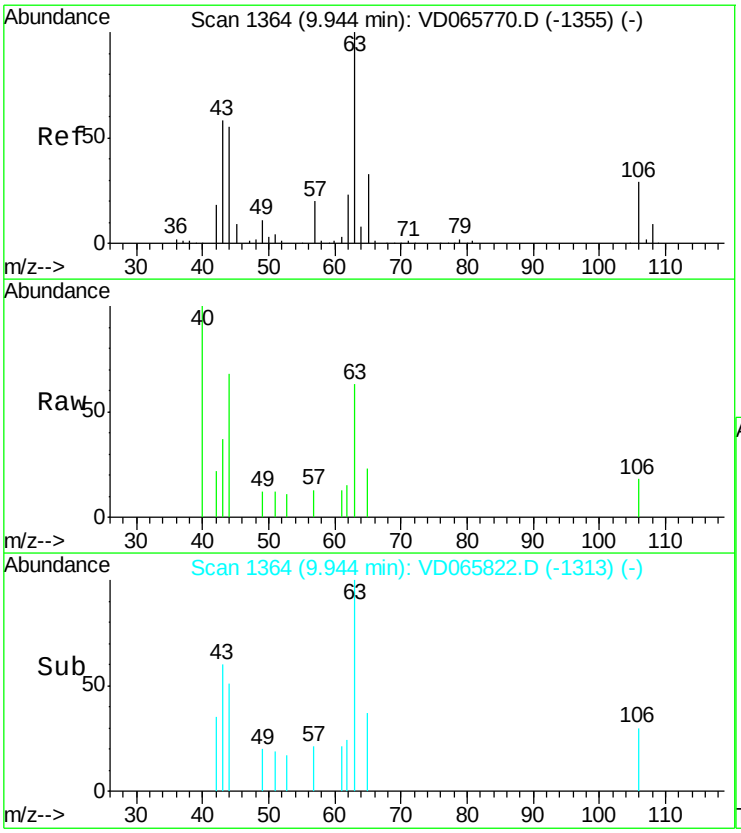
#51
4-Methyl-2-Pentanone
Concen: 1.281 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.01 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Instrument : MSVOA_D
ClientSampleId : VD0619SBL01

Tgt Ion: 43 Resp: 1325

Ion	Ratio	Lower	Upper
43	100		
58	34.0	30.7	46.1

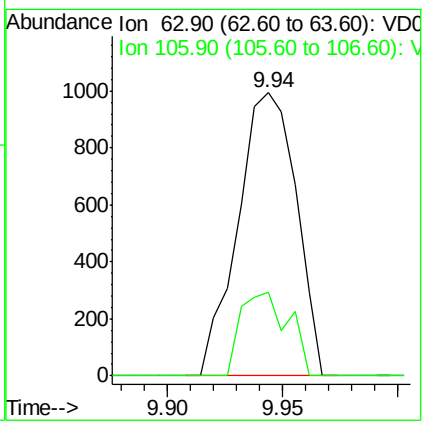


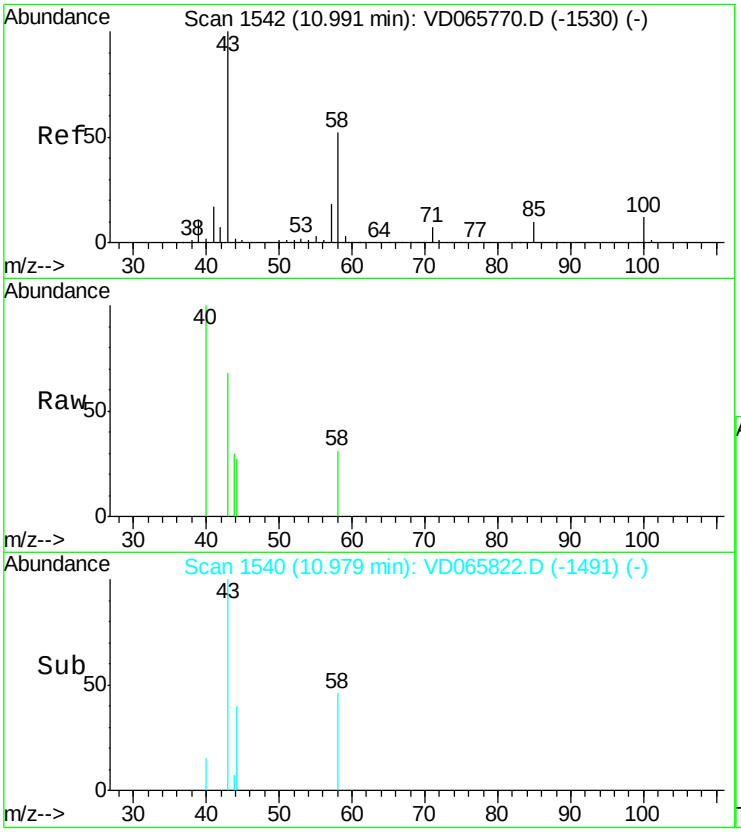


#58
2-Chloroethyl Vinyl ether
Concen: 2.378 ug/l
RT: 9.94 min Scan# 1364
Delta R.T. -0.00 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Tgt Ion: 63 Resp: 1745

Ion	Ratio	Lower	Upper
63	100		
106	24.2	23.2	34.8



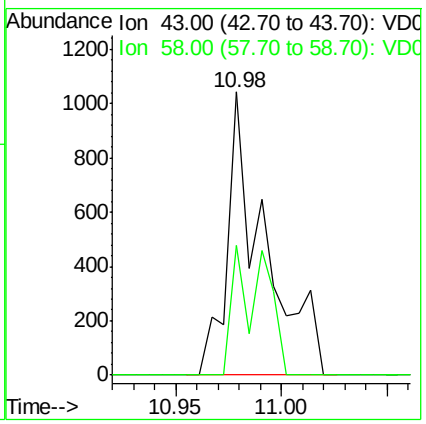


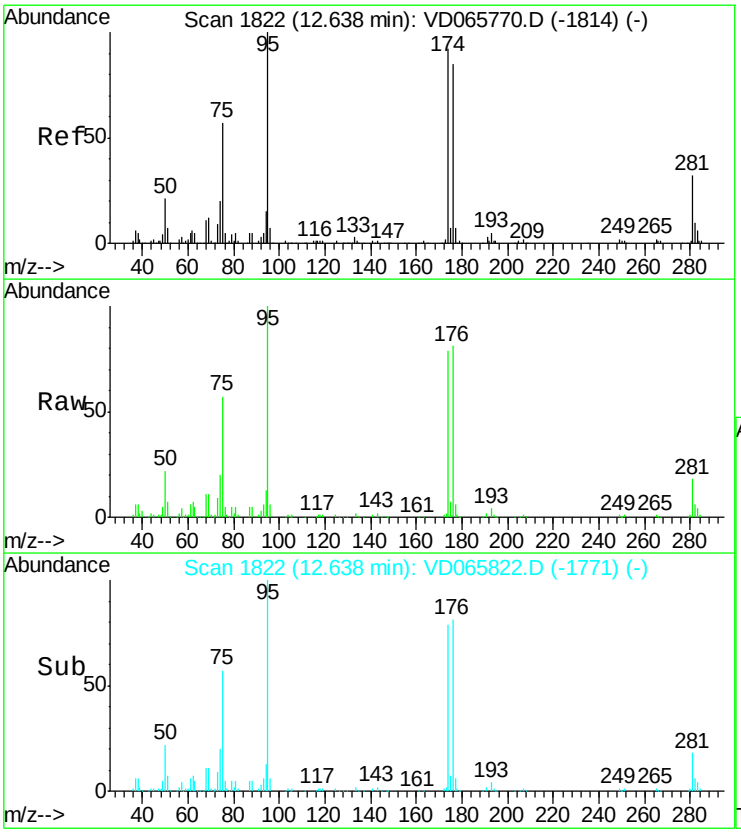
#59
2-Hexanone
Concen: 1.807 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBL01

Tgt Ion: 43 Resp: 1260

Ion	Ratio	Lower	Upper
43	100		
58	39.0	25.7	77.0

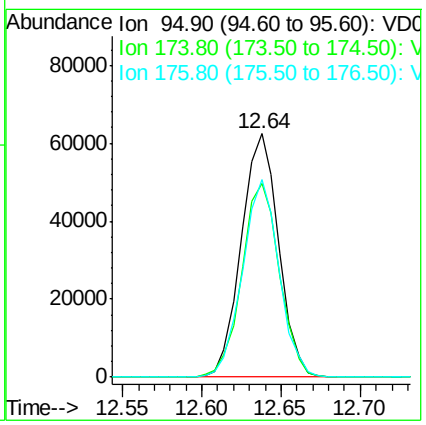


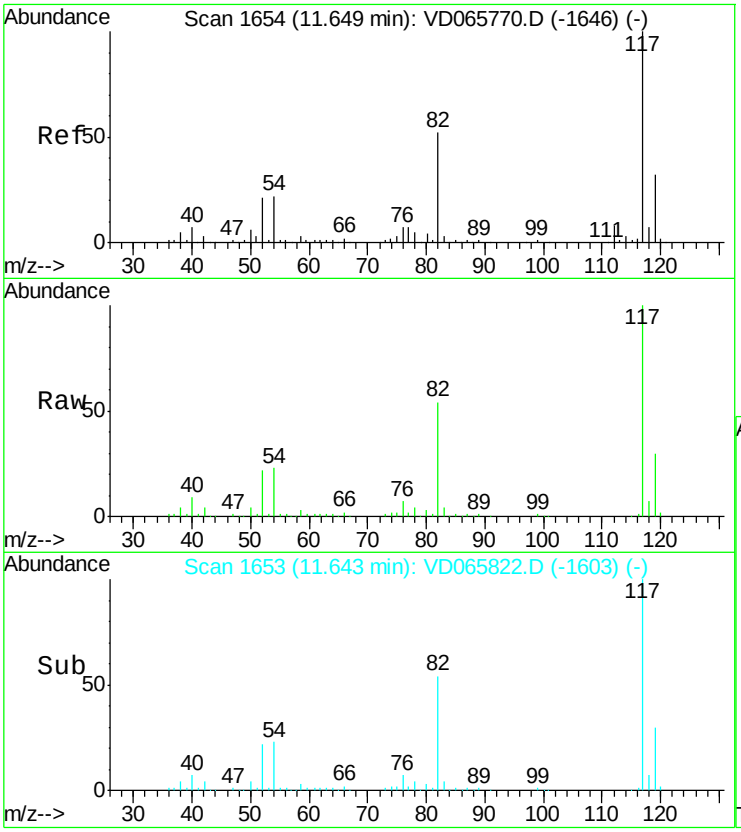


#62
4-Bromofluorobenzene
Concen: 45.396 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Tgt Ion: 95 Resp: 102035

Ion	Ratio	Lower	Upper
95	100		
174	80.5	0.0	175.2
176	79.5	0.0	163.0



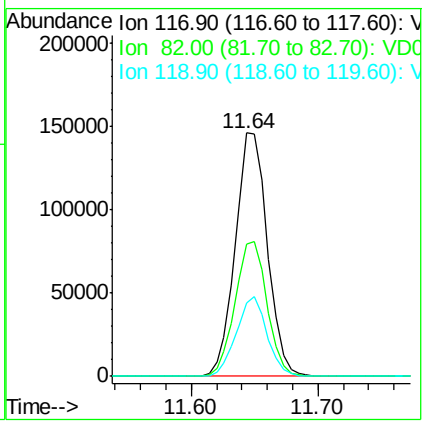


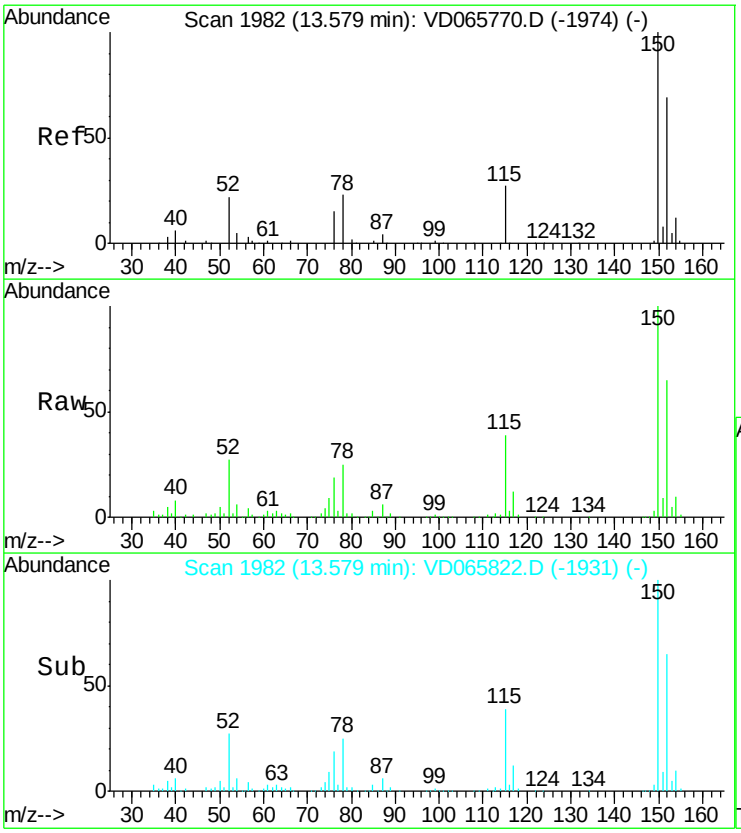
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Instrument : MSVOA_D
ClientSampleId : VD0619SBL01

Tgt Ion:117 Resp: 256567

Ion	Ratio	Lower	Upper
117	100		
82	54.3	41.9	62.9
119	30.4	25.3	37.9

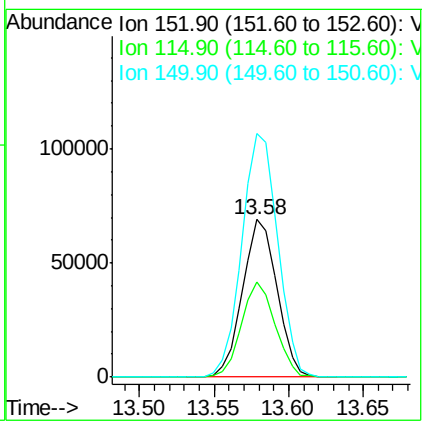


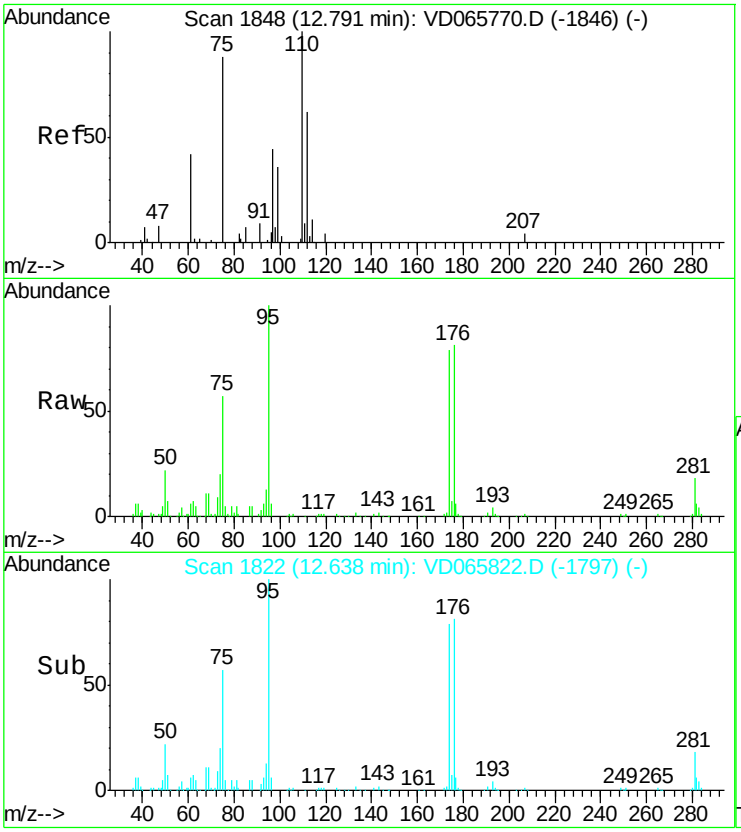


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Tgt Ion:152 Resp: 110219

Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.7	86.1
150	160.5	0.0	348.0



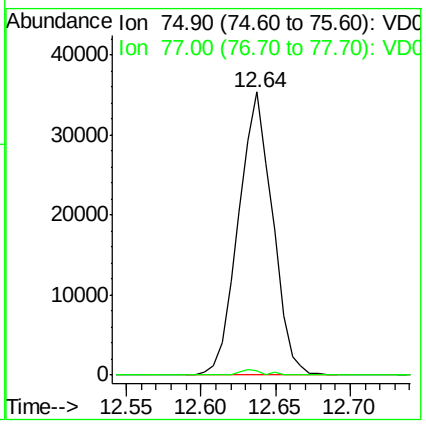


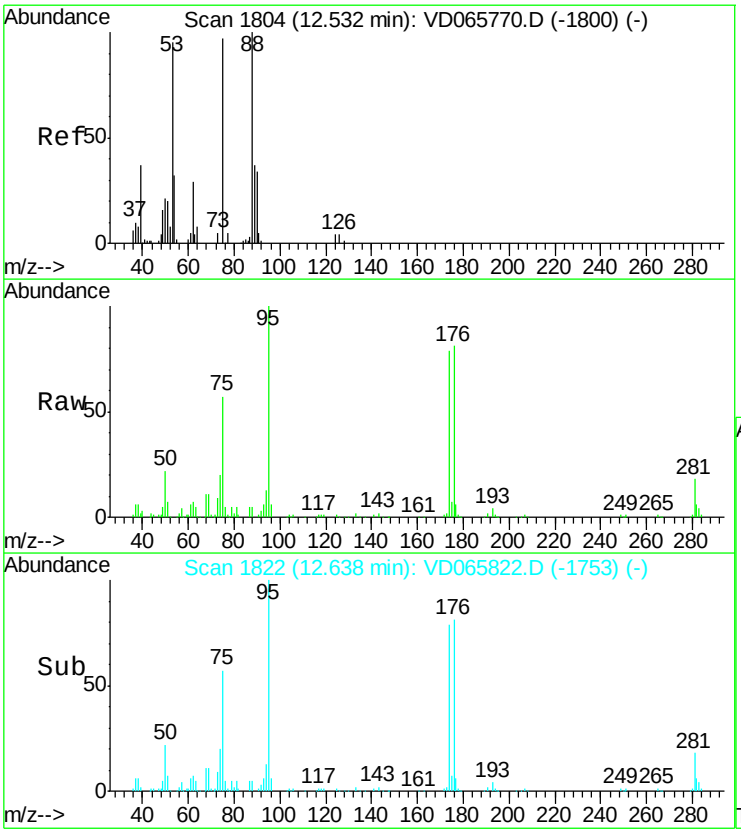
#76
1,2,3-Trichloropropane
Concen: 65.179 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBL01

Tgt Ion: 75 Resp: 55871

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 140.828 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD065822.D
Acq: 19 Jun 2020 12:04

Tgt Ion: 75 Resp: 55871

Ion	Ratio	Lower	Upper
75	100		
53	0.0	82.6	123.8#
89	0.1	35.9	53.9#