Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092420\
Data File : VD066861.D
Acq On : 24 Sep 2020 19:50
Operator : VA/SY
Sample : L4127-06
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : B-2(9-11)

Quant Time: Sep 25 01:11:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	439785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	776826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	787586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	358769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	242399	56.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.62%			
35) Dibromofluoromethane	7.91	113	253606	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.62%			
50) Toluene-d8	10.34	98	933297	55.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.86%			
62) 4-Bromofluorobenzene	12.63	95	346426	60.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 120.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	2812	Below Cal		83
11) Tert butyl alcohol	5.21	59	1338	Below Cal	#	72
15) Acrylonitrile	5.45	53	994	1.078 ug/l	#	59
16) Acetone	4.16	43	11608	12.712 ug/l	#	88
17) Carbon Disulfide	4.41	76	18746	1.424 ug/l		99
18) Methyl Acetate	4.71	43	209	Below Cal	#	50
20) Methylene Chloride	4.97	84	14187	Below Cal		97
23) Vinyl Acetate	6.33	43	1146	2.832 ug/l	#	71
25) 2-Butanone	7.20	43	2984	2.719 ug/l		89
31) Cyclohexane	7.98	56	13387	1.710 ug/l	#	29
49) 1,4-Dioxane	9.46	88	400	Below Cal	#	51
59) 2-Hexanone	10.95	43	2747	1.497 ug/l	#	25
74) N-amyl acetate	12.26	43	9299	1.837 ug/l	#	58
76) 1,2,3-Trichloropropane	12.63	75	187844	63.179 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.63	75	187844	158.069 ug/l	#	11
84) 1,2,4-Trimethylbenzene	13.27	105	23002	1.055 ug/l		86
95) Naphthalene	15.40	128	77721	7.098 ug/l	#	85

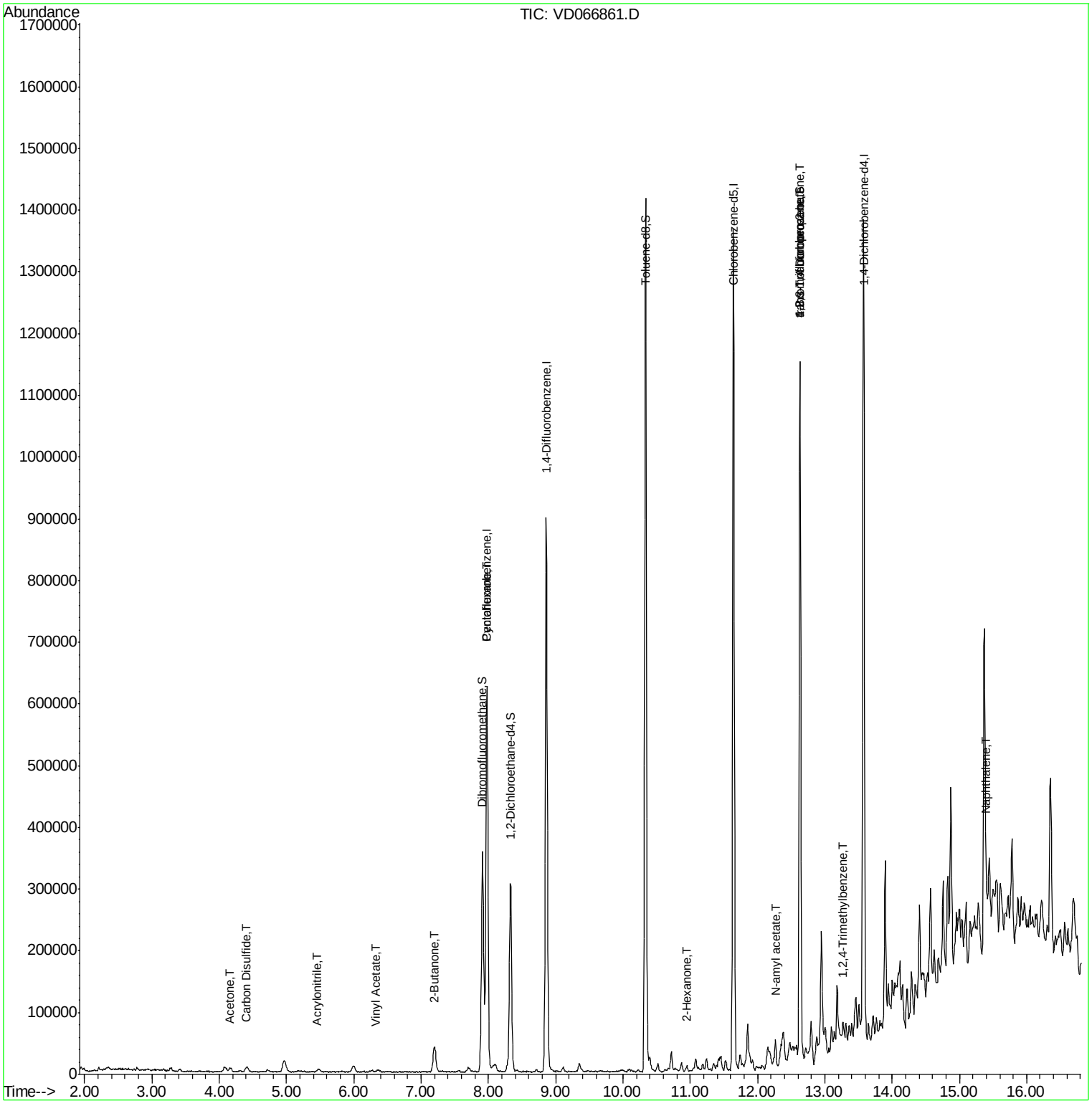
(#) = qualifier out of range (m) = manual integration (+) = signals summed

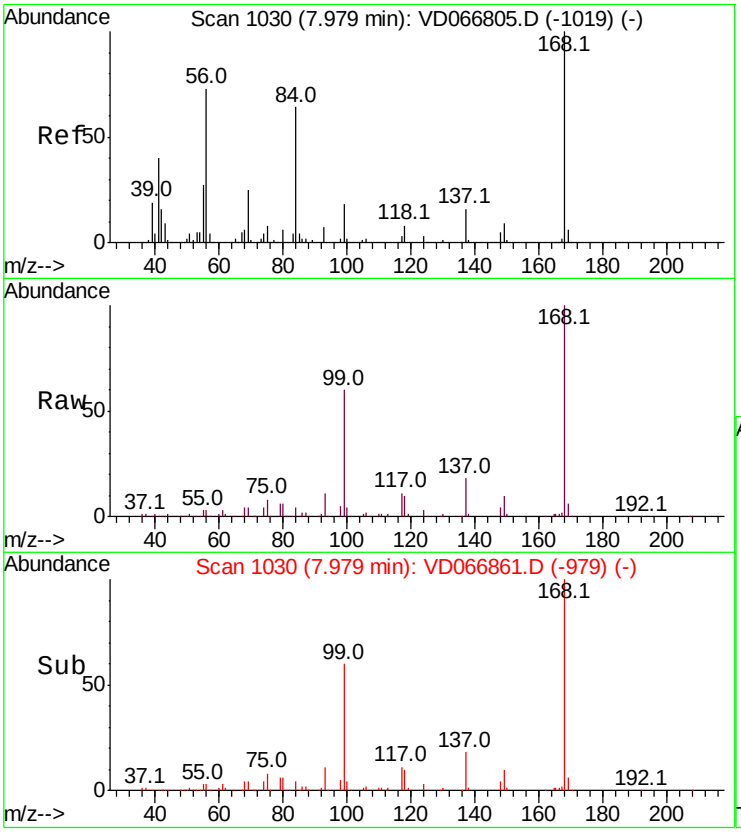
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092420\
Data File : VD066861.D
Acq On : 24 Sep 2020 19:50
Operator : VA/SY
Sample : L4127-06
Misc : 5.09G/5.00ml/MSVOA D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-2(9-11)

Quant Time: Sep 25 01:11:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration



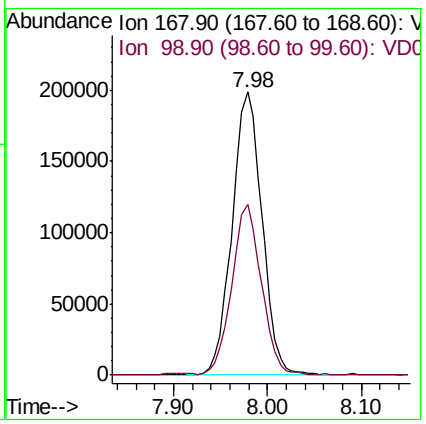


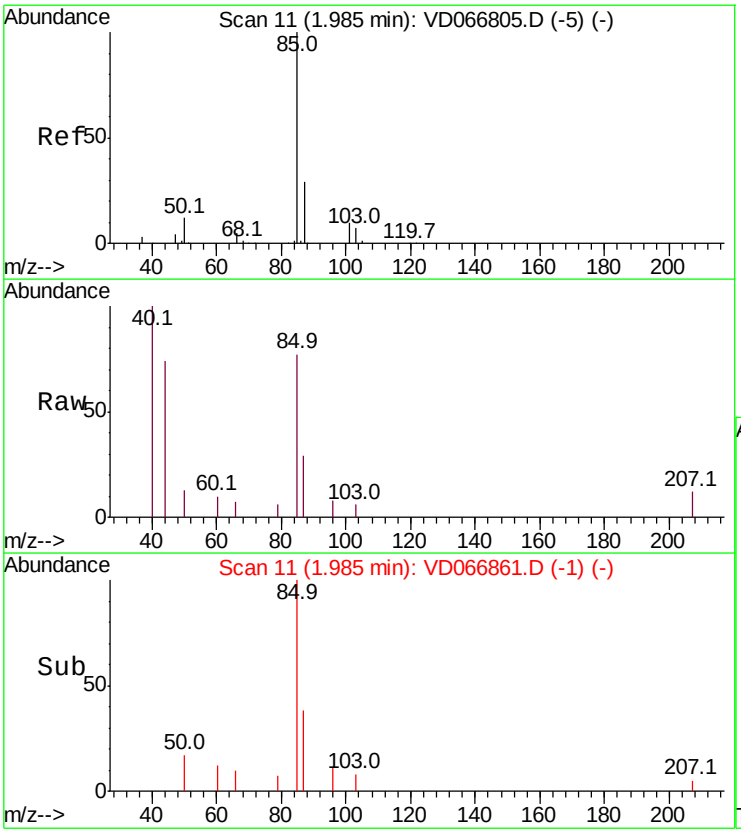
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Instrument : MSVOA_D
ClientSampleId : B-2(9-11)

Tgt Ion:168 Resp: 439785

Ion	Ratio	Lower	Upper
168	100		
99	60.0	46.6	69.8

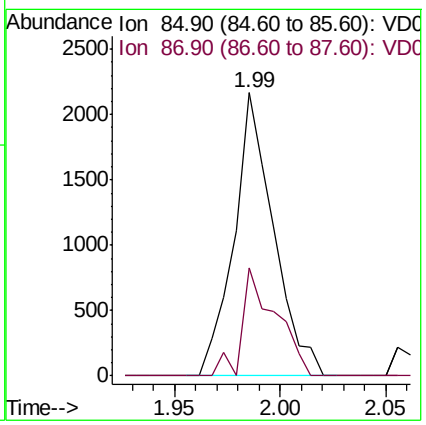


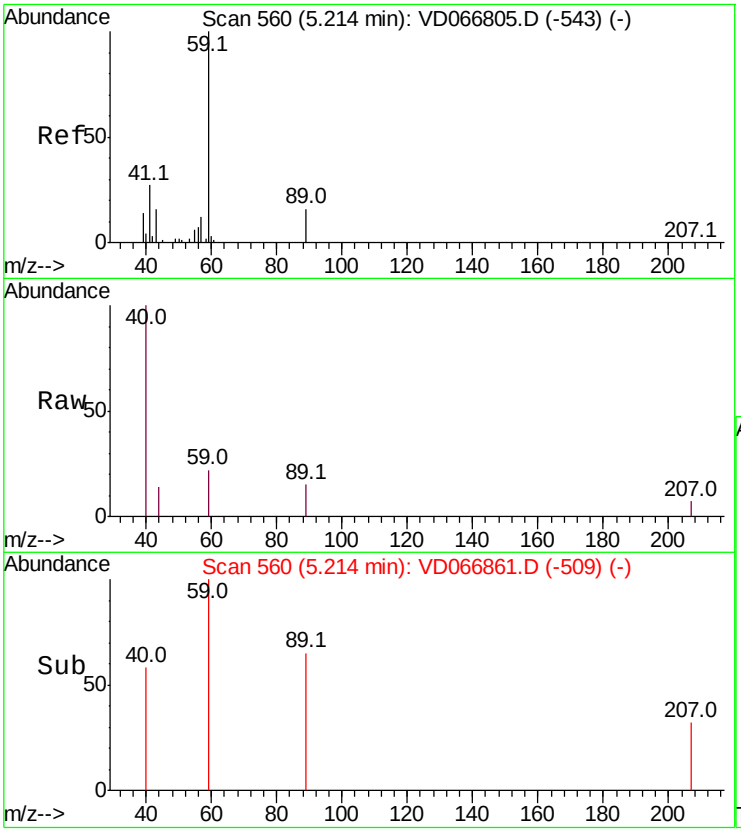


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.99 min Scan# 11
Delta R.T. 0.00 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Tgt Ion: 85 Resp: 2812

Ion	Ratio	Lower	Upper
85	100		
87	38.1	14.5	43.5



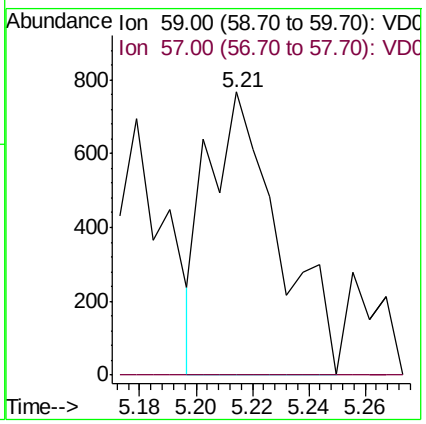


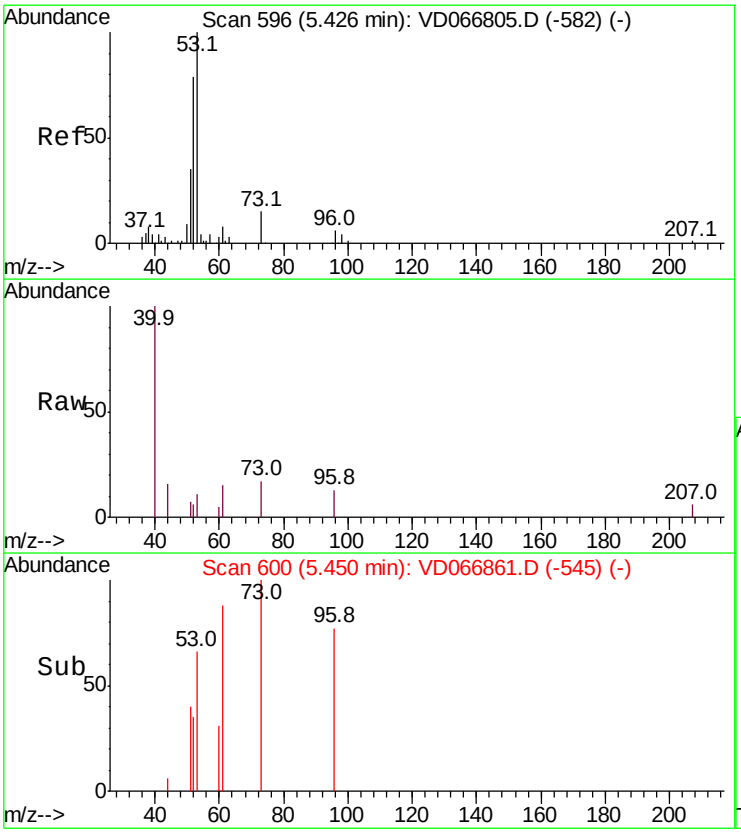
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.21 min Scan# 560
Delta R.T. 0.00 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Instrument : MSVOA_D
ClientSampleId : B-2(9-11)

Tgt Ion: 59 Resp: 1338

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

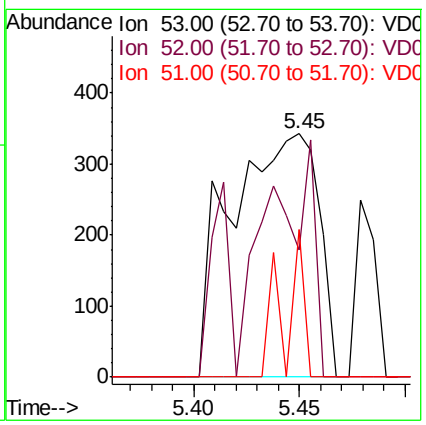


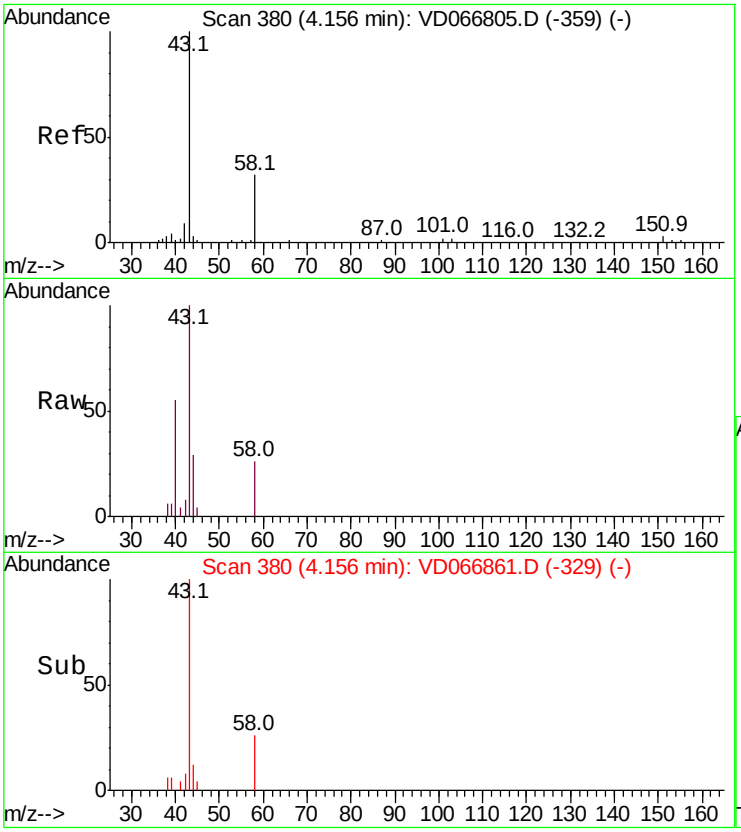


#15
Acrylonitrile
Concen: 1.078 ug/l
RT: 5.45 min Scan# 600
Delta R.T. 0.02 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Tgt Ion: 53 Resp: 994

Ion	Ratio	Lower	Upper
53	100		
52	49.8	65.2	97.8#
51	6.2	30.6	46.0#



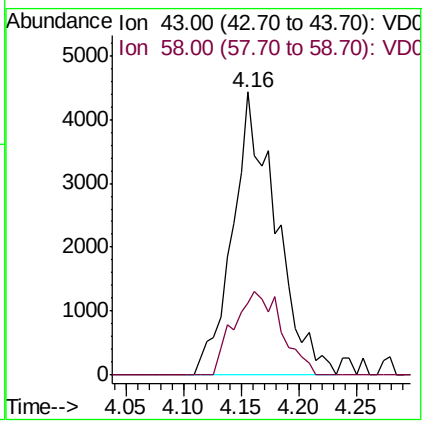


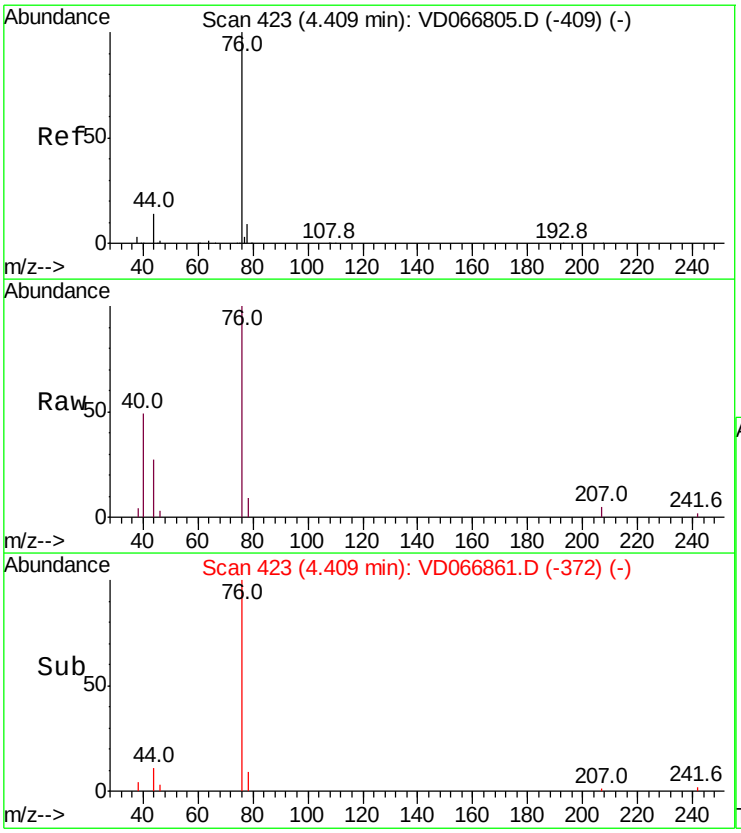
#16
Acetone
Concen: 12.712 ug/l
RT: 4.16 min Scan# 380
Delta R.T. -0.00 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Instrument : MSVOA_D
ClientSampleId : B-2(9-11)

Tgt Ion: 43 Resp: 11608

Ion	Ratio	Lower	Upper
43	100		
58	25.6	25.6	38.4#

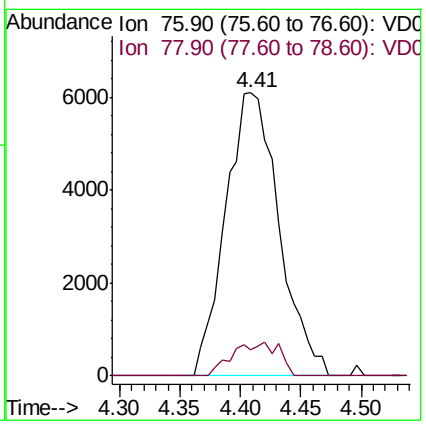


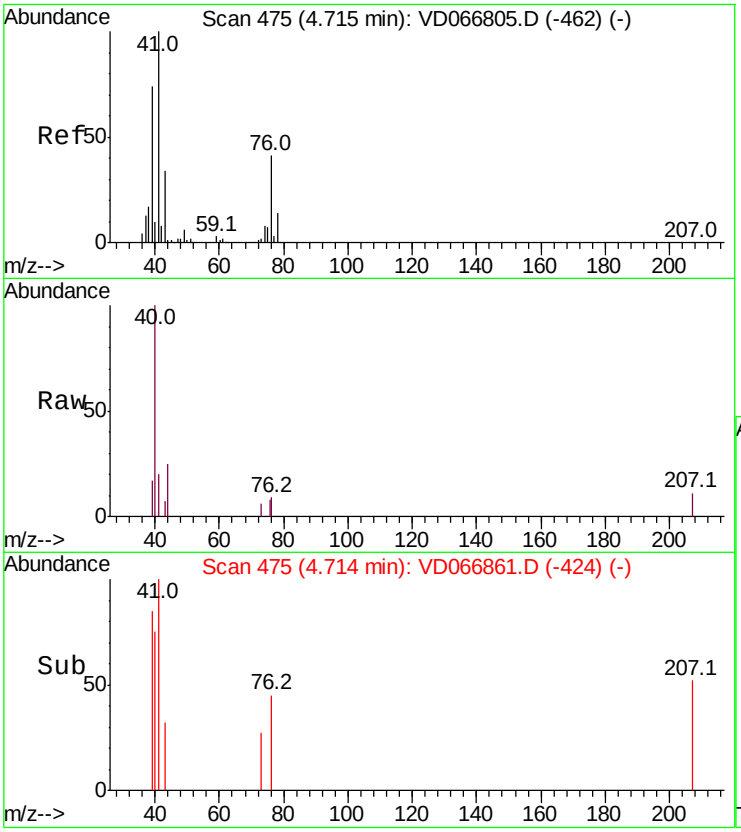


#17
Carbon Disulfide
Concen: 1.424 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Tgt Ion: 76 Resp: 18746

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.6	11.4



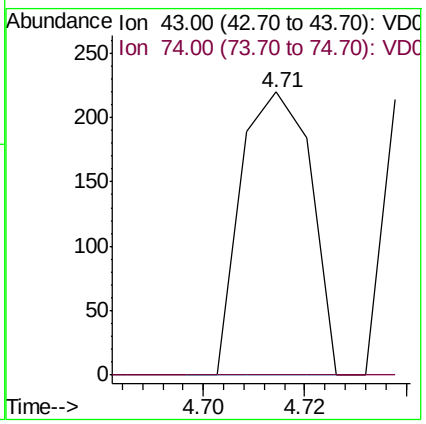


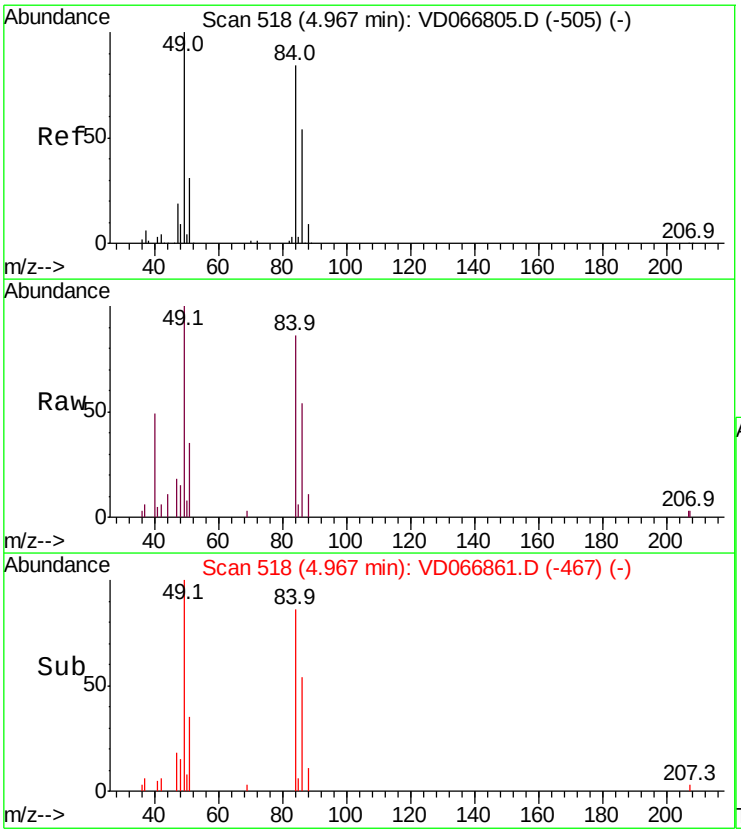
#18
Methyl Acetate
Concen: Below Cal
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Instrument : MSVOA_D
ClientSampleId : B-2(9-11)

Tgt Ion: 43 Resp: 209

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.3	30.5#

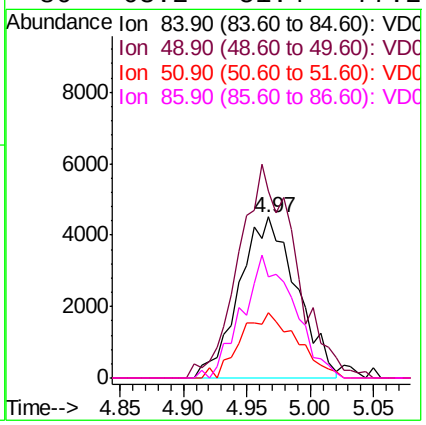


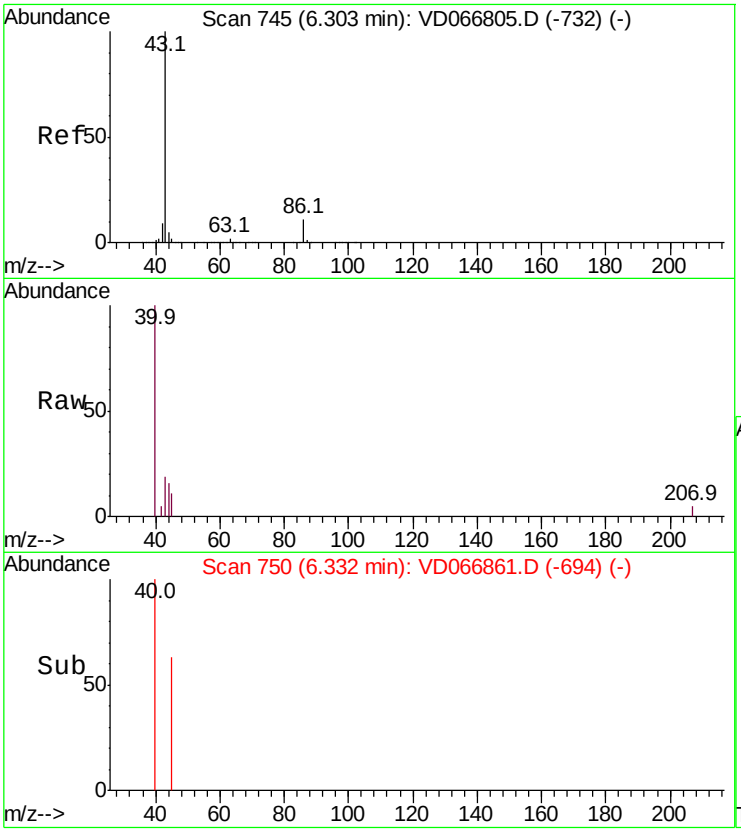


#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Tgt Ion: 84 Resp: 14187

Ion	Ratio	Lower	Upper
84	100		
49	116.1	95.4	143.2
51	40.2	29.7	44.5
86	63.2	51.4	77.2



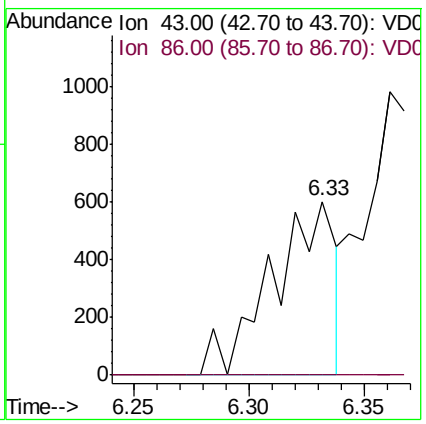


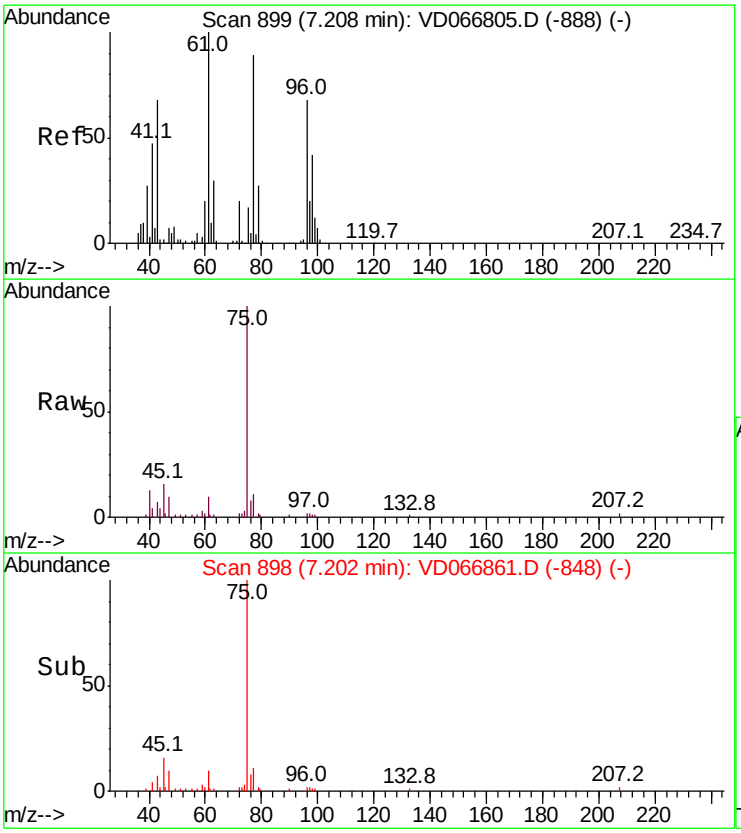
#23
Vinyl Acetate
Concen: 2.832 ug/l
RT: 6.33 min Scan# 750
Delta R.T. 0.03 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
B-2(9-11)

Tgt Ion: 43 Resp: 1146

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.9	13.3#

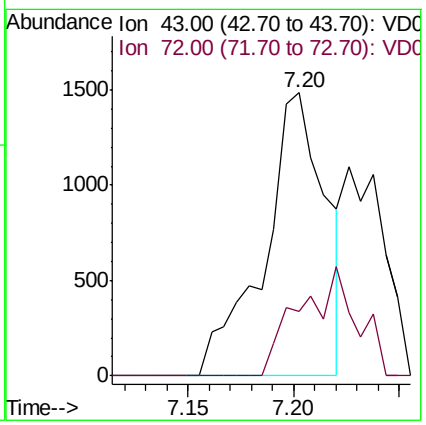


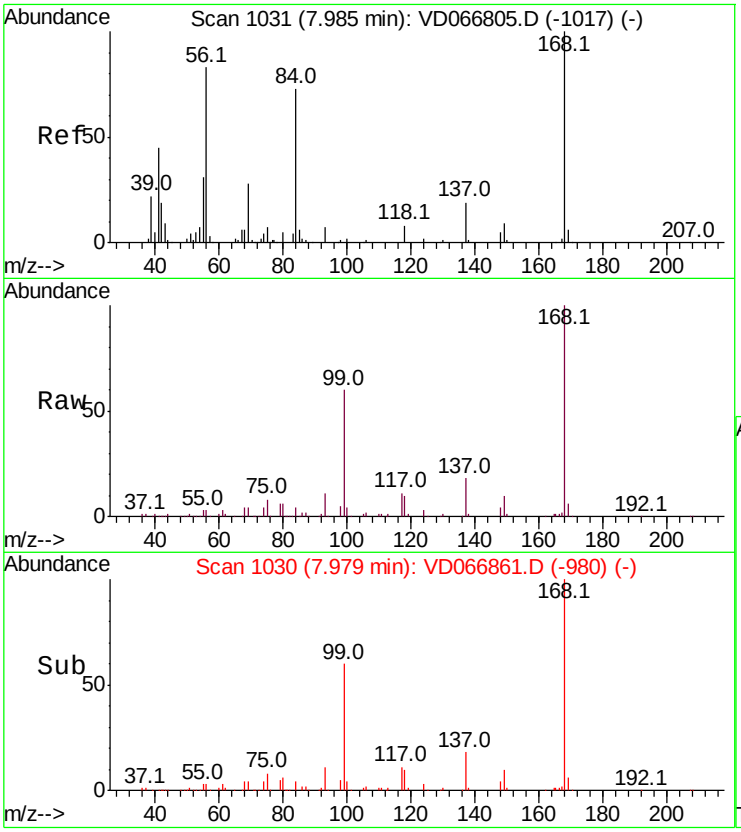


#25
2-Butanone
Concen: 2.719 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Tgt Ion: 43 Resp: 2984

Ion	Ratio	Lower	Upper
43	100		
72	23.0	22.9	34.3



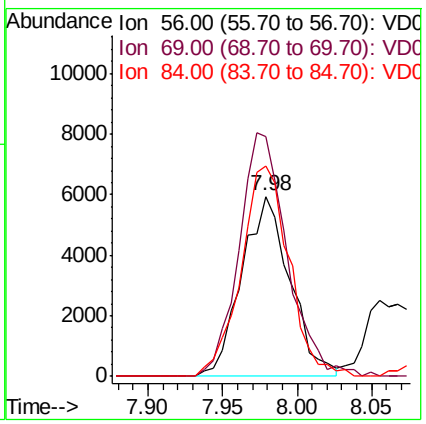


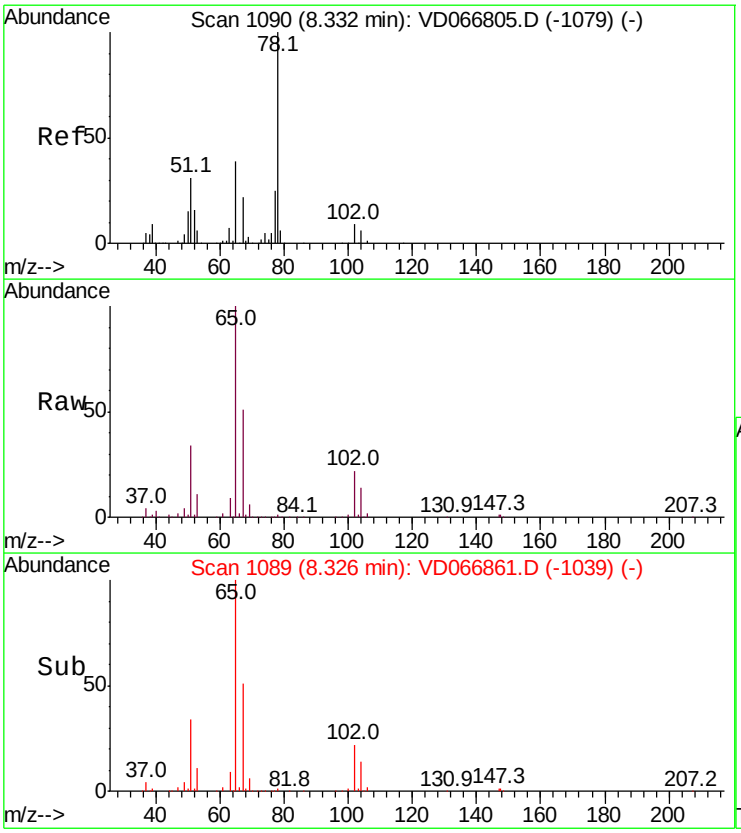
#31
Cyclohexane
Concen: 1.710 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Instrument : MSVOA_D
ClientSampleId : B-2(9-11)

Tgt Ion: 56 Resp: 13387

Ion	Ratio	Lower	Upper
56	100		
69	133.5	27.0	40.4#
84	117.3	70.2	105.4#

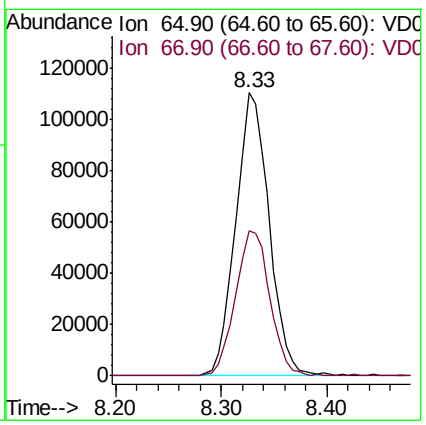


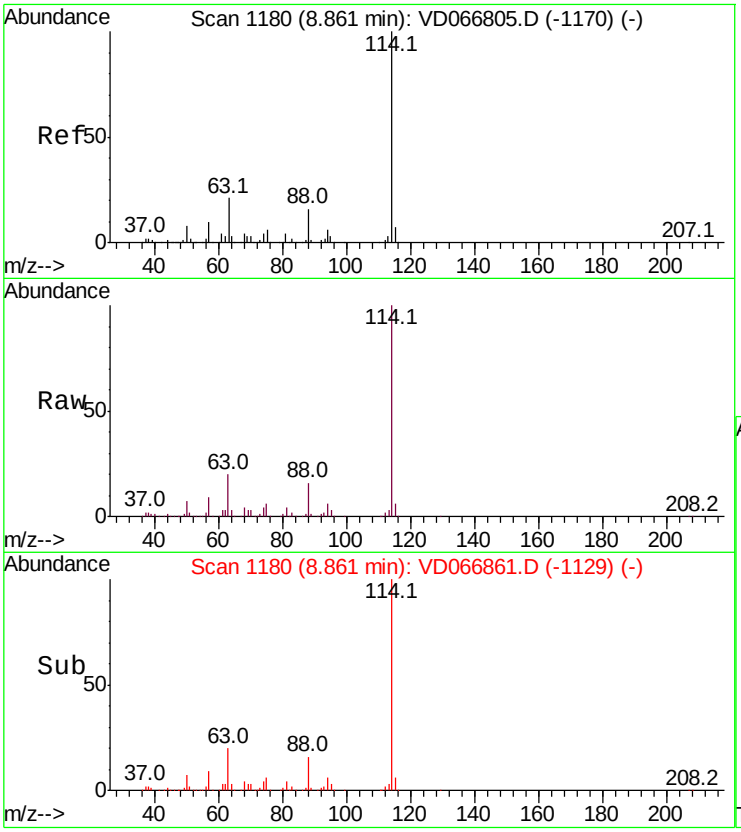


#33
1,2-Dichloroethane-d4
Concen: 56.314 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Tgt Ion: 65 Resp: 242399

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.2



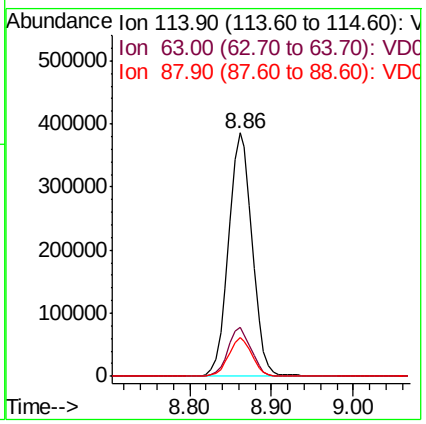


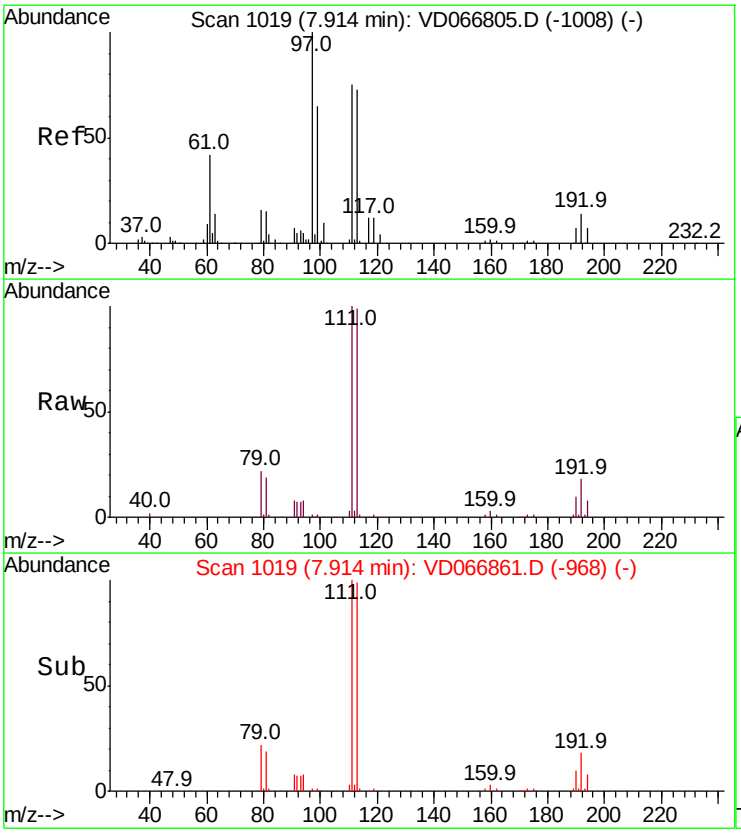
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
B-2(9-11)

Tgt Ion:114 Resp: 776826

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.6
88	16.1	0.0	32.6

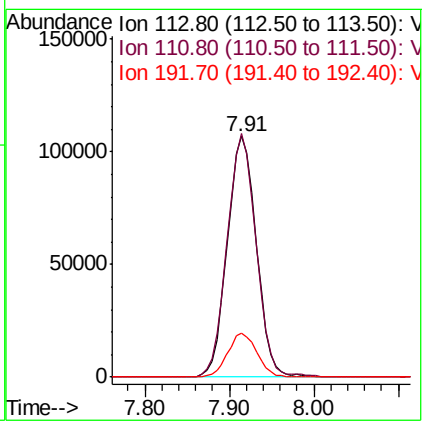


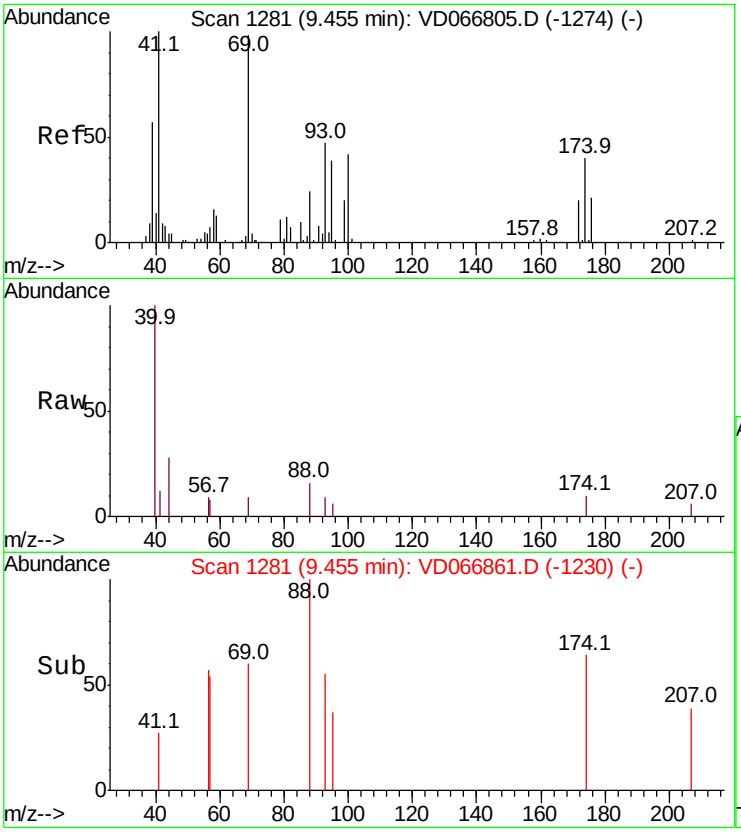


#35
Dibromofluoromethane
Concen: 51.315 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Tgt Ion:113 Resp: 253606

Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.8	122.8
192	18.2	14.4	21.6



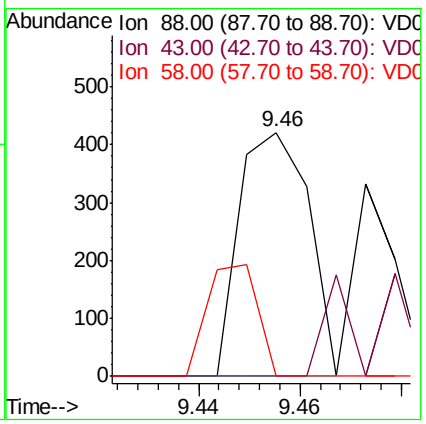


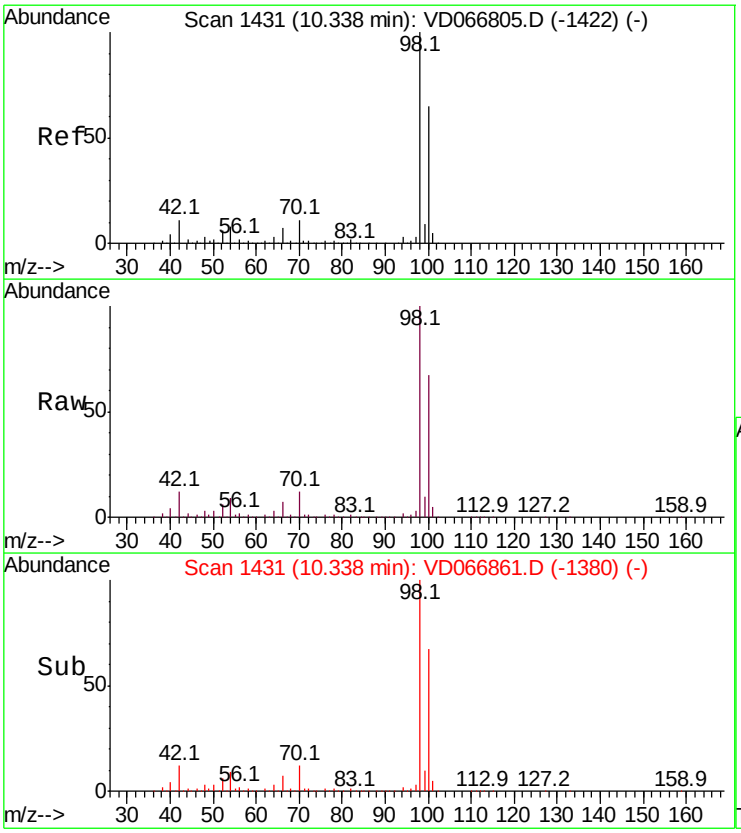
#49
1,4-Dioxane
Concen: Below Cal
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
B-2(9-11)

Tgt Ion: 88 Resp: 400

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.7	41.5#
58	33.5	55.5	83.3#

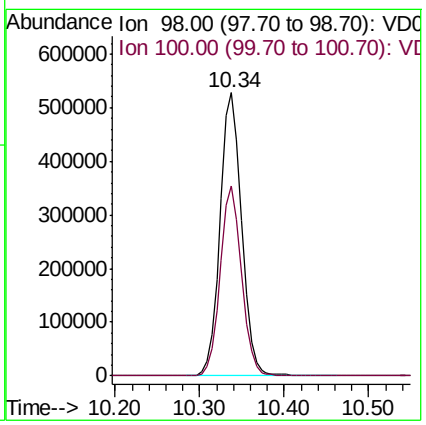


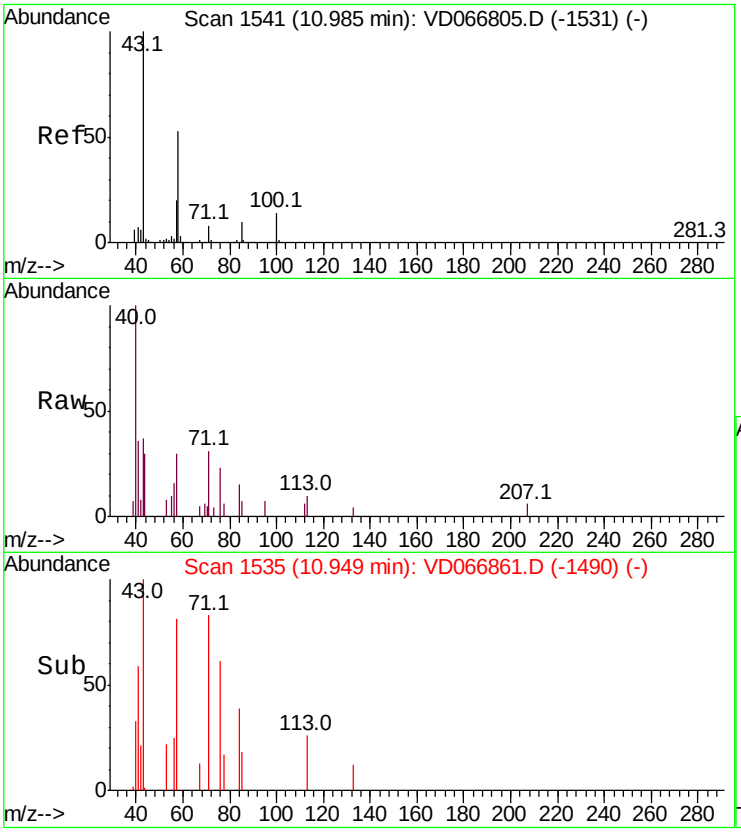


#50
Toluene-d8
Concen: 55.425 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Tgt Ion: 98 Resp: 933297

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.2	78.2



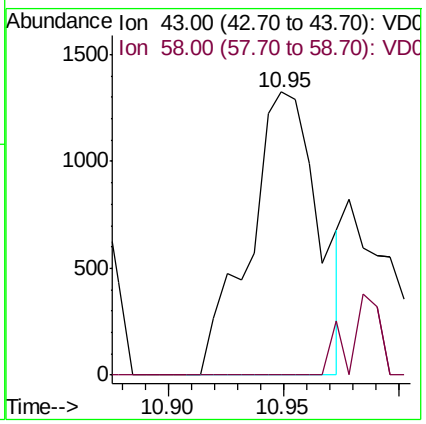


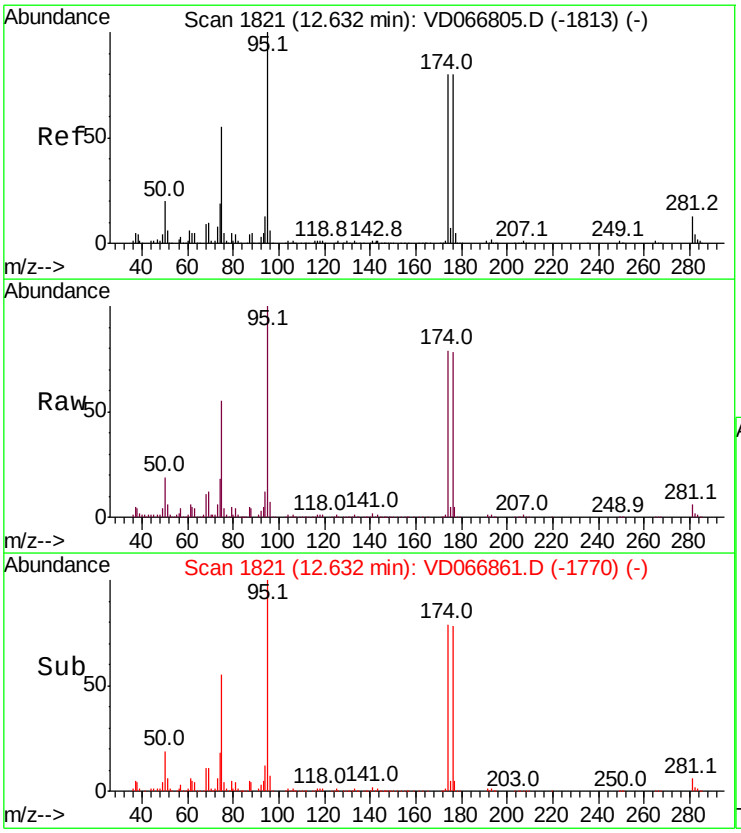
#59
2-Hexanone
Concen: 1.497 ug/l
RT: 10.95 min Scan# 1535
Delta R.T. -0.04 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Instrument : MSVOA_D
ClientSampleId : B-2(9-11)

Tgt Ion: 43 Resp: 2747

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.0	80.8#

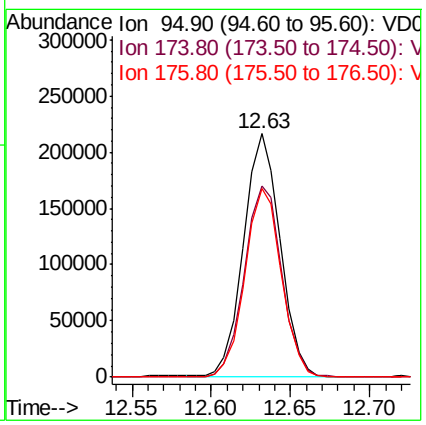


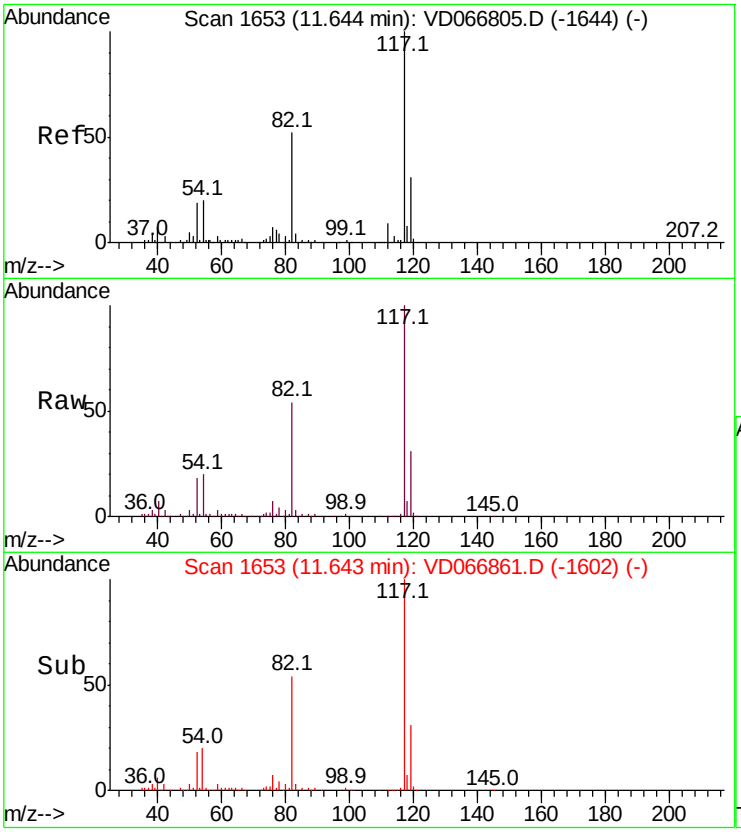


#62
4-Bromofluorobenzene
Concen: 60.096 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Tgt Ion: 95 Resp: 346426

Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	159.8
176	77.7	0.0	154.4



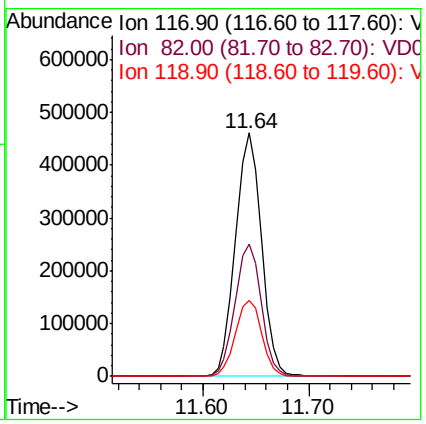


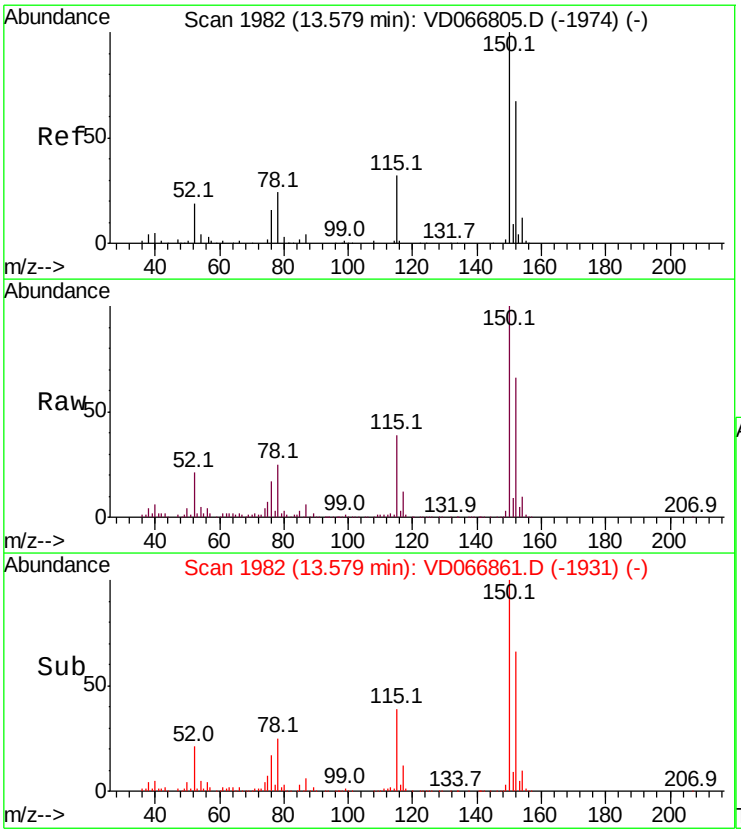
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
B-2(9-11)

Tgt Ion:117 Resp: 787586

Ion	Ratio	Lower	Upper
117	100		
82	54.3	41.8	62.6
119	31.2	24.6	37.0

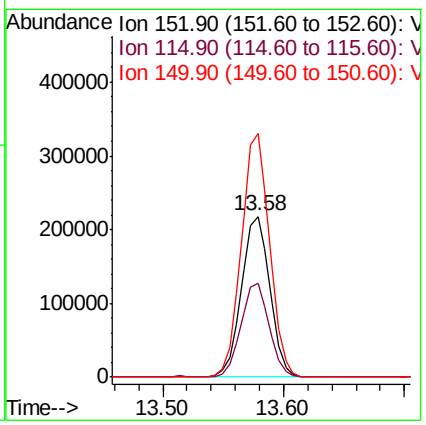


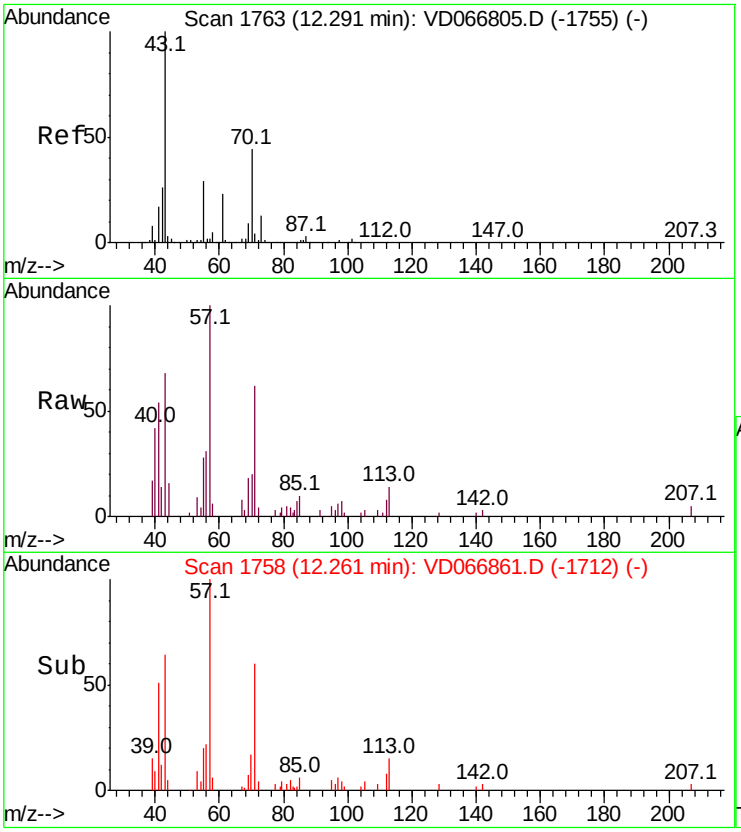


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Tgt Ion:152 Resp: 358769

Ion	Ratio	Lower	Upper
152	100		
115	58.3	30.3	91.0
150	150.1	0.0	346.2



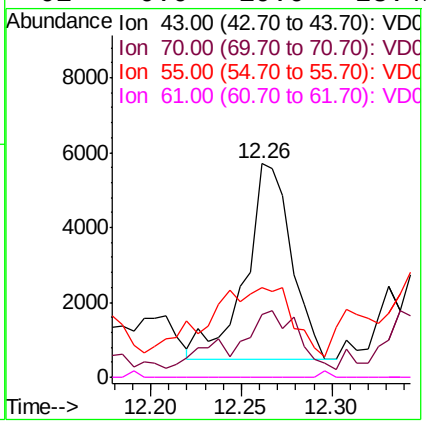


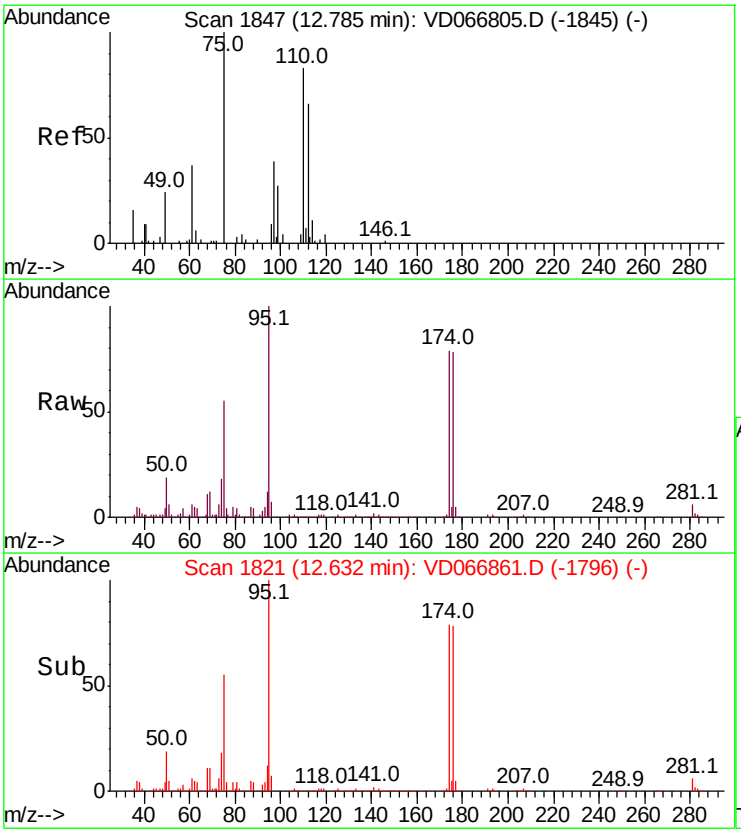
#74
N-amyl acetate
Concen: 1.837 ug/l
RT: 12.26 min Scan# 1758
Delta R.T. -0.03 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Instrument : MSVOA_D
ClientSampleId : B-2(9-11)

Tgt Ion: 43 Resp: 9299

Ion	Ratio	Lower	Upper
43	100		
70	31.4	36.1	54.1#
55	64.7	21.8	32.8#
61	0.0	19.0	28.4#

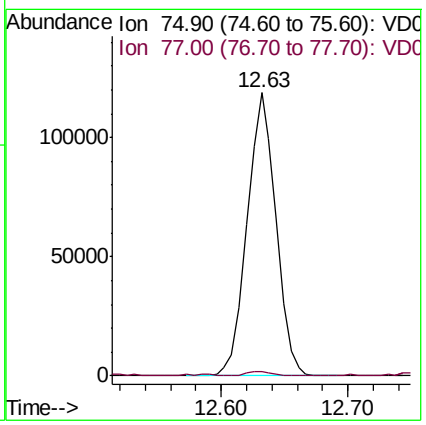


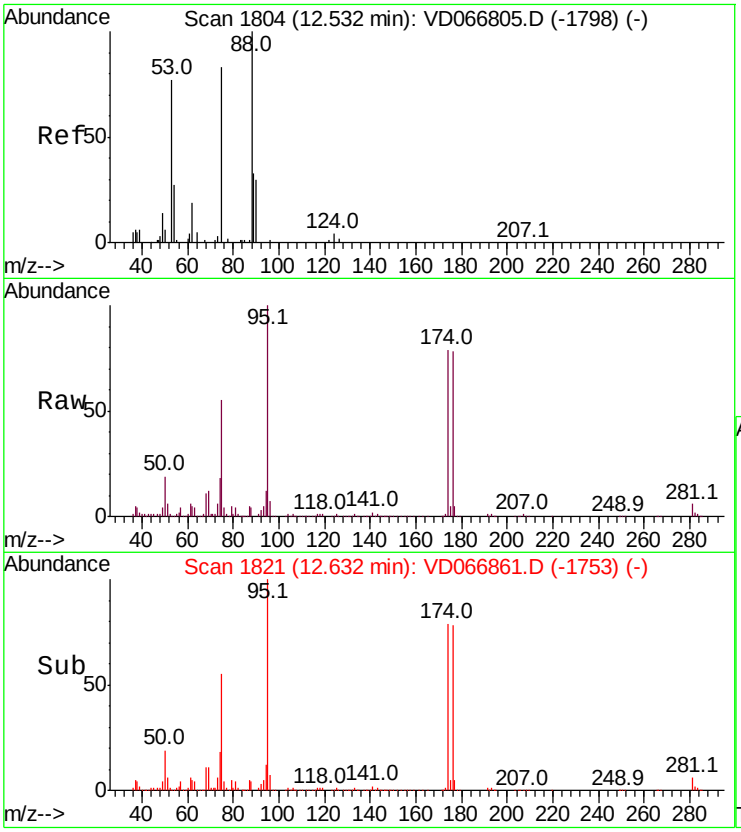


#76
1,2,3-Trichloropropane
Concen: 63.179 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Tgt Ion: 75 Resp: 187844

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#



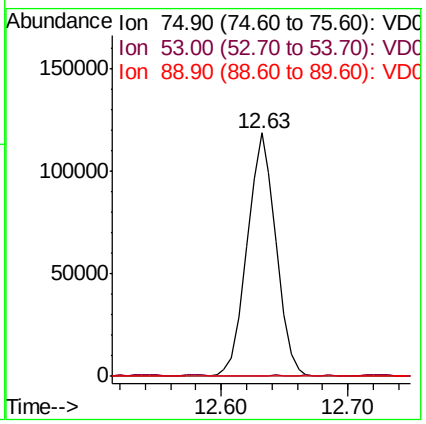


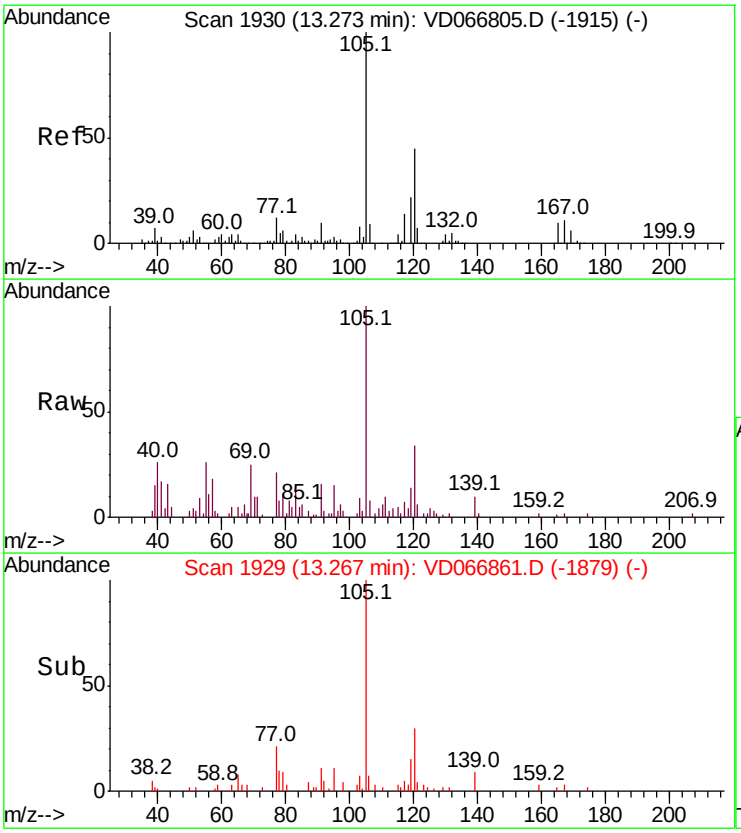
#81
trans-1,4-Dichloro-2-butene
Concen: 158.069 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
B-2(9-11)

Tgt Ion: 75 Resp: 187844

Ion	Ratio	Lower	Upper
75	100		
53	0.7	78.5	117.7#
89	0.0	38.1	57.1#

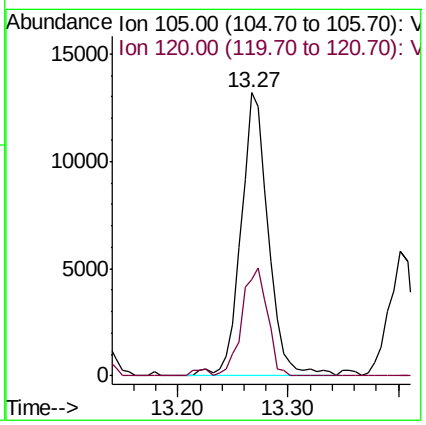


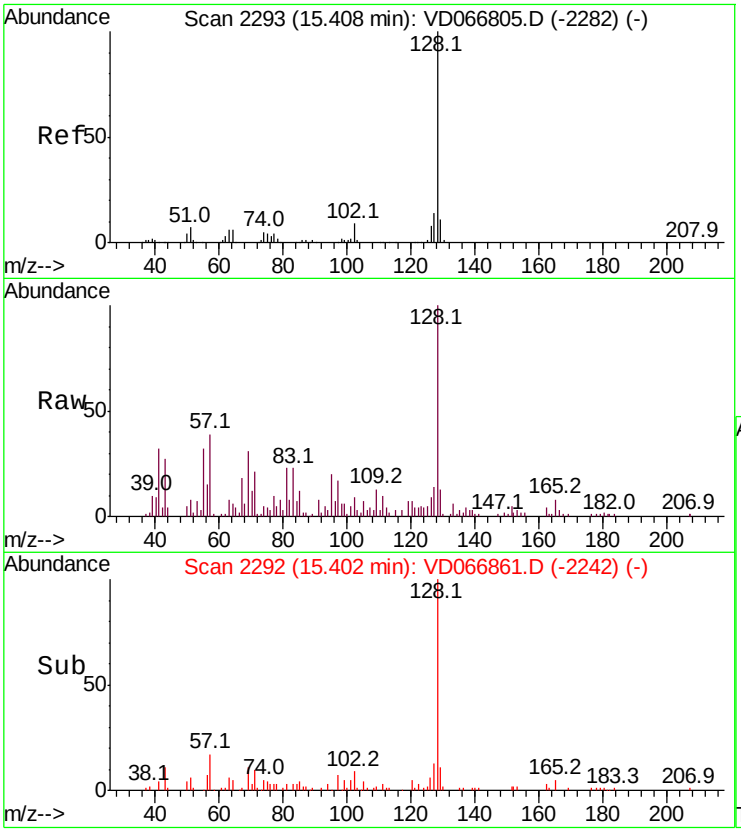


#84
1,2,4-Trimethylbenzene
Concen: 1.055 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Tgt Ion:105 Resp: 23002

Ion	Ratio	Lower	Upper
105	100		
120	35.5	22.3	66.9





#95
Naphthalene
Concen: 7.098 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066861.D
Acq: 24 Sep 2020 19:50

Instrument :
MSVOA_D
ClientSampleId :
B-2(9-11)

Tgt Ion:128 Resp: 77721

Ion	Ratio	Lower	Upper
128	100		
127	20.8	10.6	16.0#
129	15.2	8.9	13.3#