Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051420\
Data File : VD065735.D
Acq On : 14 May 2020 11:28
Operator : VA/SY
Sample : VD0514SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: May 15 05:31:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
Quant Title : SW846 8260
QLast Update : Wed May 13 14:28:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	366824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	543711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	482812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	229083	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	148653	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.58%			
35) Dibromofluoromethane	7.91	113	155969	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.26%			
50) Toluene-d8	10.34	98	588177	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.32%			
62) 4-Bromofluorobenzene	12.64	95	197481	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.44%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.17	59	3115	Below Cal	#	75
13) Acrolein	3.90	56	67	Below Cal	#	70
16) Acetone	4.16	43	2027	3.343	ug/l #	79
18) Methyl Acetate	4.72	43	153	Below Cal	#	52
20) Methylene Chloride	4.96	84	14921	4.362	ug/l	95
25) 2-Butanone	7.18	43	2002	2.310	ug/l #	47
31) Cyclohexane	7.98	56	8522	1.451	ug/l #	4
38) Carbon Tetrachloride	7.98	117	34228	6.834	ug/l #	16
51) 4-Methyl-2-Pentanone	10.23	43	2706	1.410	ug/l #	84
76) 1,2,3-Trichloropropane	12.64	75	100485	58.775	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	100485	115.307	ug/l #	13

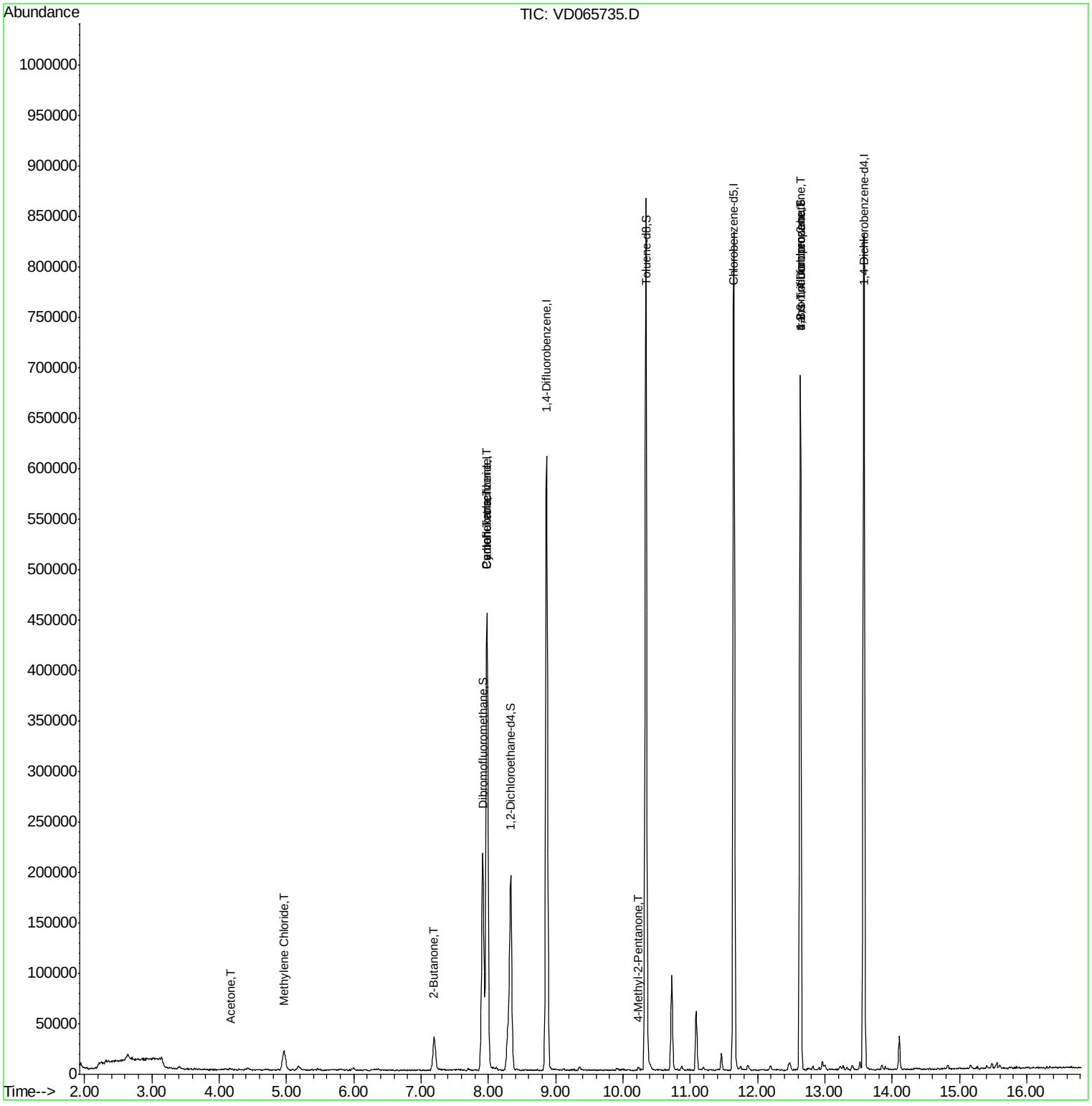
(#) = qualifier out of range (m) = manual integration (+) = signals summed

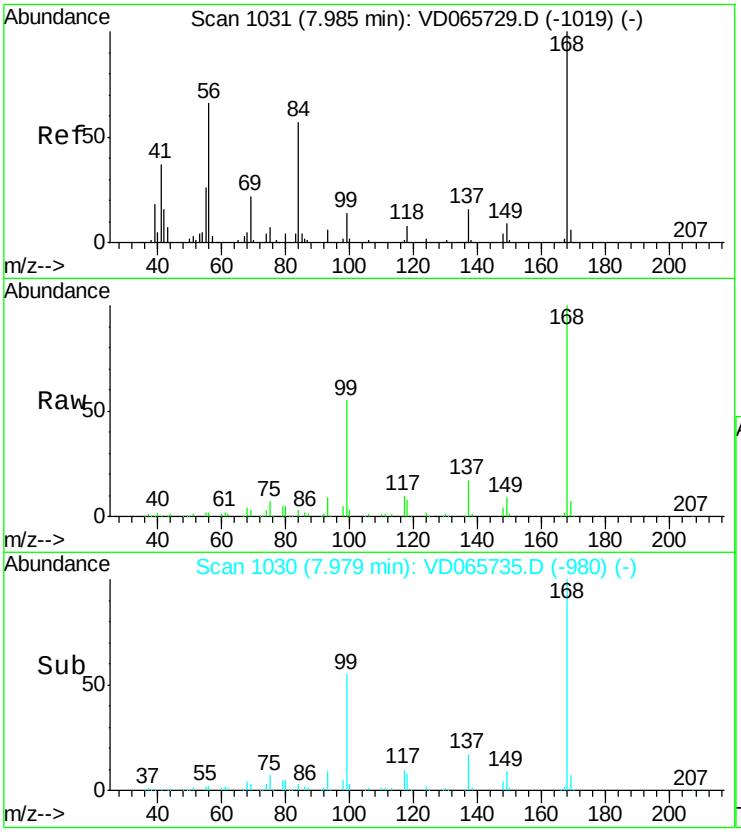
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051420\
Data File : VD065735.D
Acq On : 14 May 2020 11:28
Operator : VA/SY
Sample : VD0514SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: May 15 05:31:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
Quant Title : SW846 8260
QLast Update : Wed May 13 14:28:42 2020
Response via : Initial Calibration



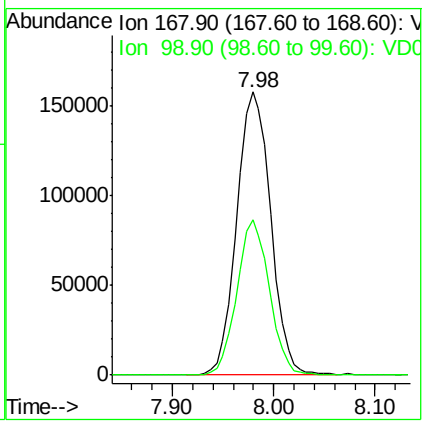


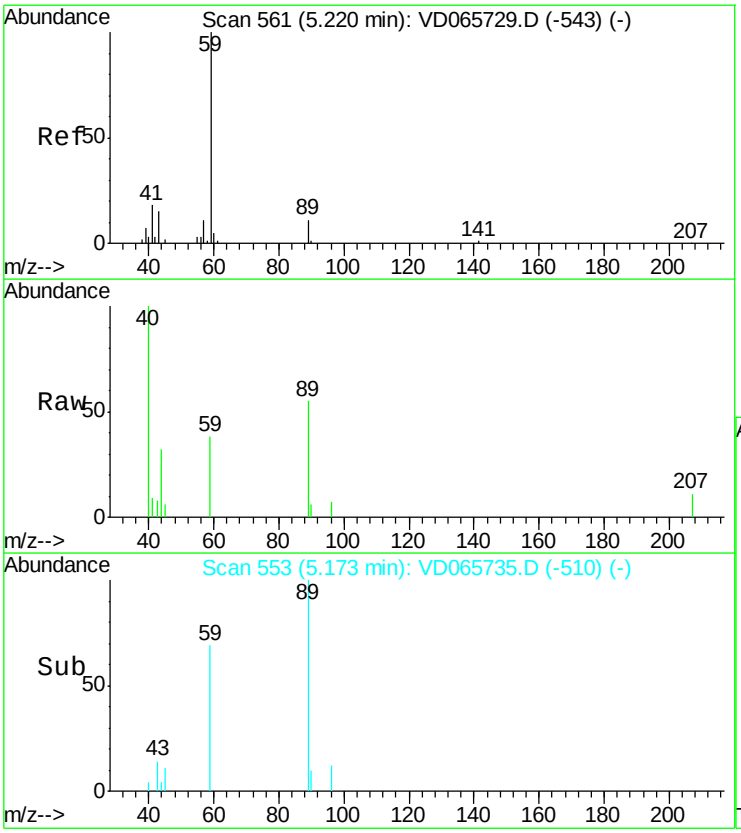
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065735.D
Acq: 14 May 2020 11:28

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 366824

Ion	Ratio	Lower	Upper
168	100		
99	54.6	40.6	60.8

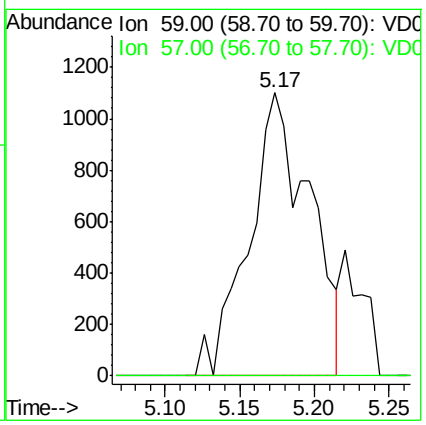


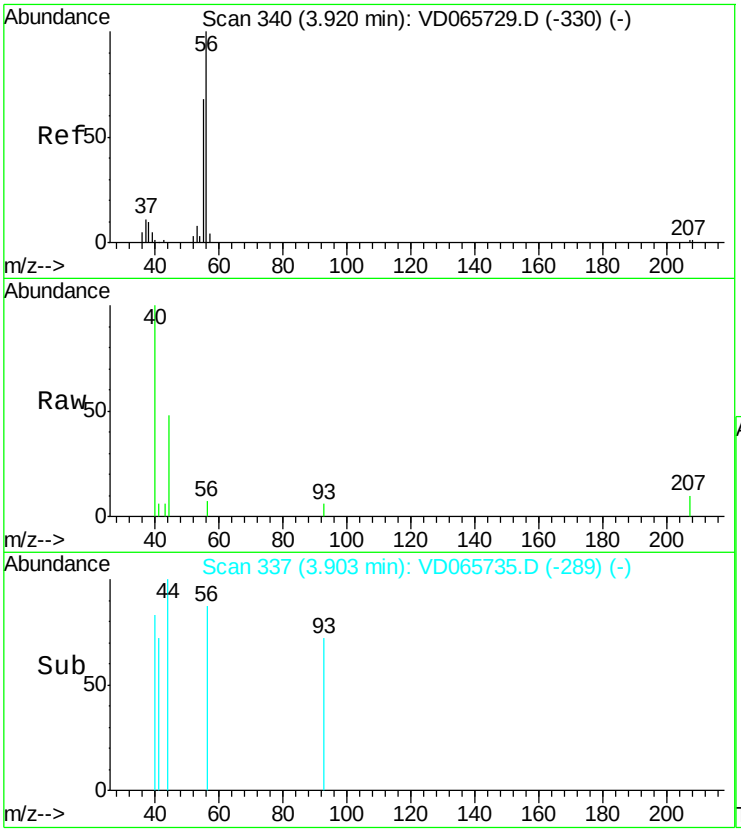


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.17 min Scan# 553
Delta R.T. -0.05 min
Lab File: VD065735.D
Acq: 14 May 2020 11:28

Tgt Ion: 59 Resp: 3115

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.0#



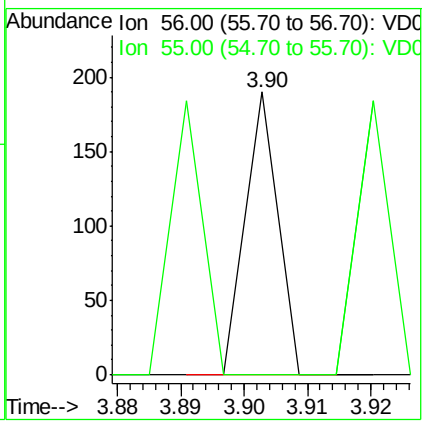


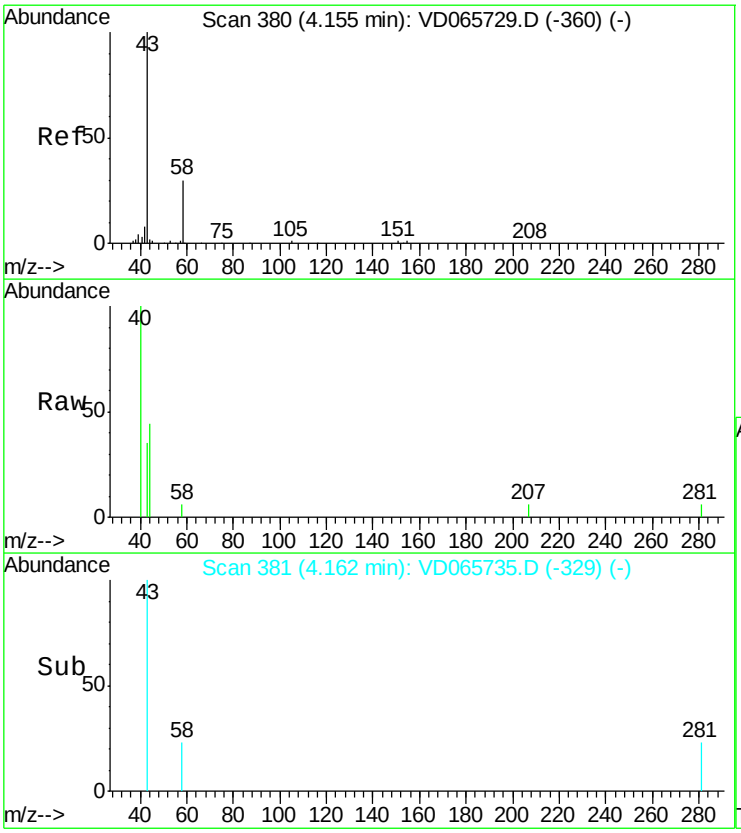
#13
Acrolein
Concen: Below Cal
RT: 3.90 min Scan# 337
Delta R.T. -0.02 min
Lab File: VD065735.D
Acq: 14 May 2020 11:28

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 67

Ion	Ratio	Lower	Upper
56	100		
55	97.0	57.8	86.8#

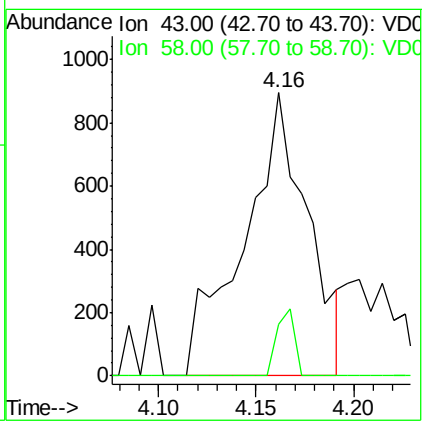


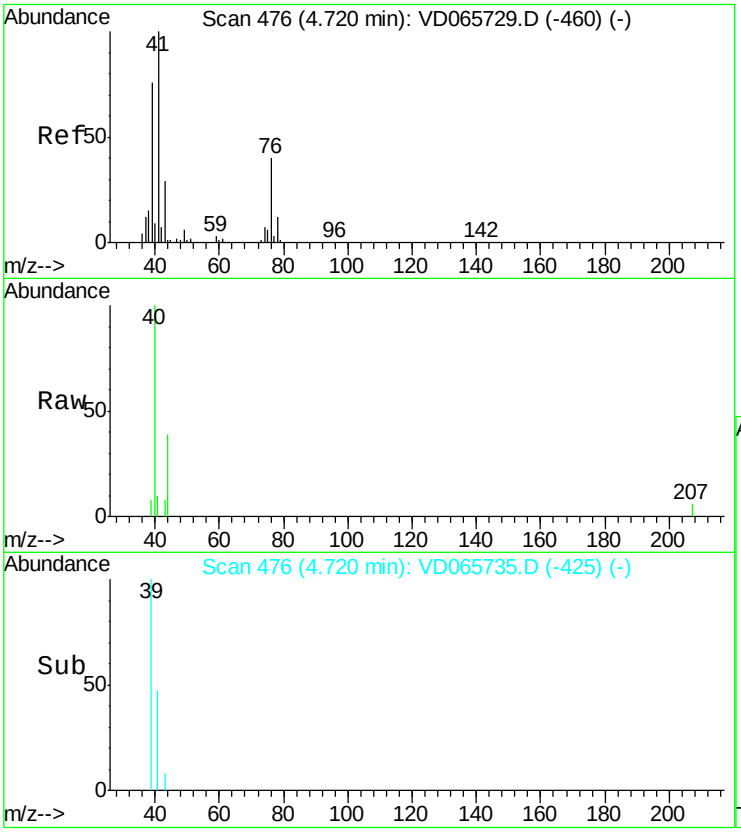


#16
Acetone
Concen: 3.343 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD065735.D
Acq: 14 May 2020 11:28

Tgt Ion: 43 Resp: 2027

Ion	Ratio	Lower	Upper
43	100		
58	18.3	23.7	35.5#



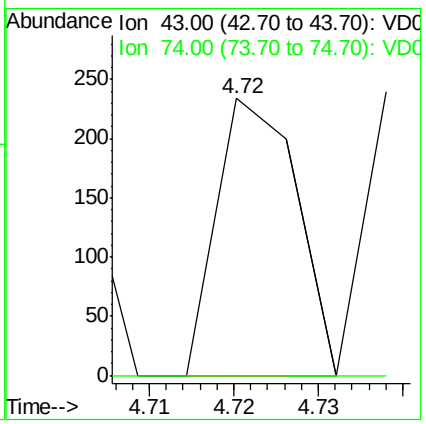


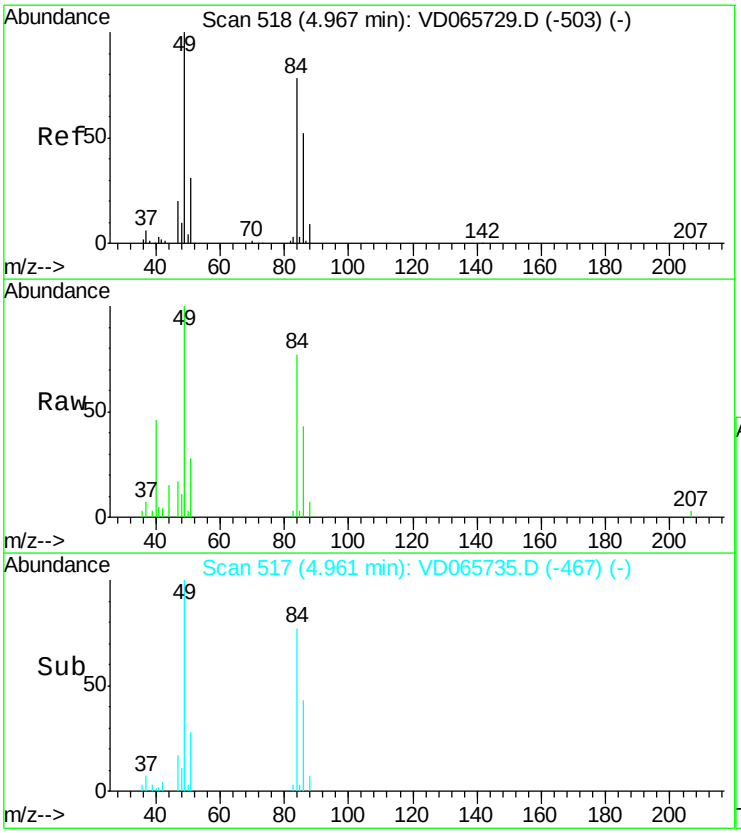
#18
Methyl Acetate
Concen: Below Cal
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD065735.D
Acq: 14 May 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 153

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.6	27.8#

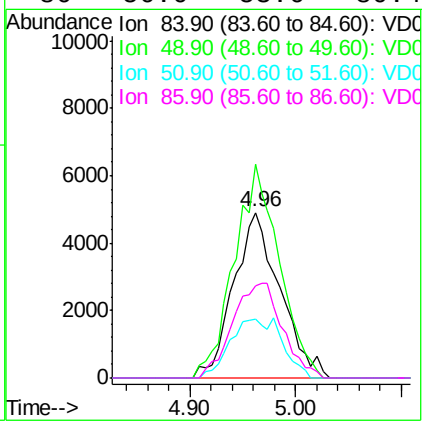


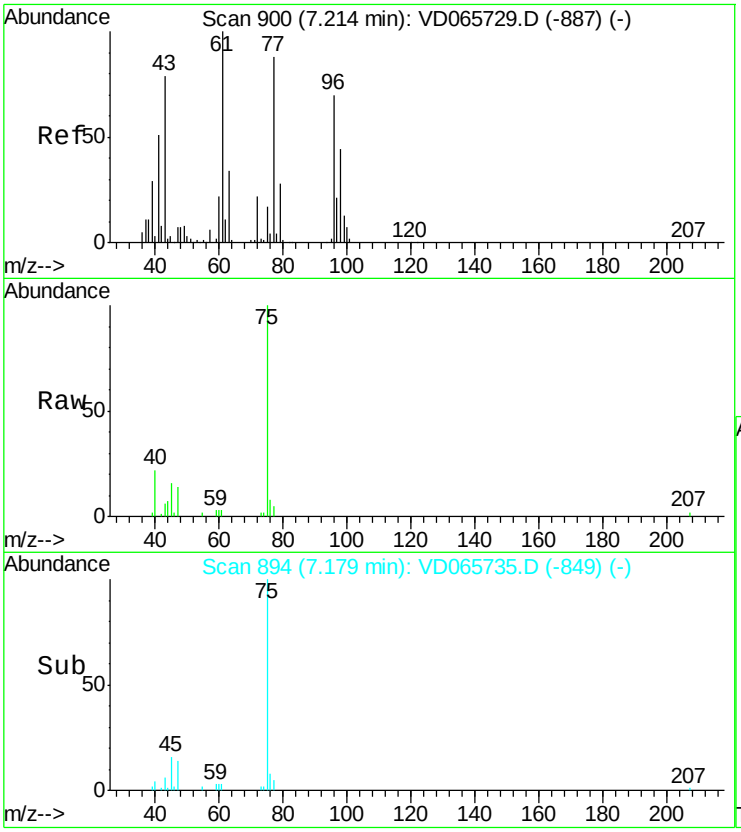


#20
Methylene Chloride
Concen: 4.362 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065735.D
Acq: 14 May 2020 11:28

Tgt Ion: 84 Resp: 14921

Ion	Ratio	Lower	Upper
84	100		
49	129.3	102.9	154.3
51	36.0	31.5	47.3
86	56.0	53.6	80.4



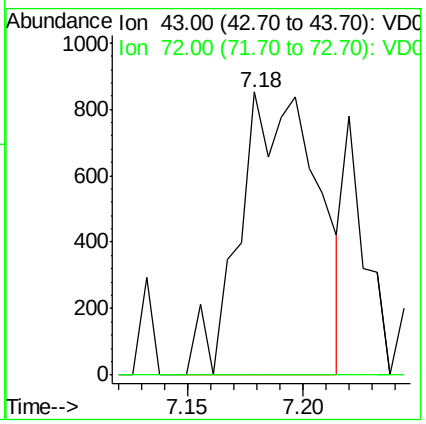


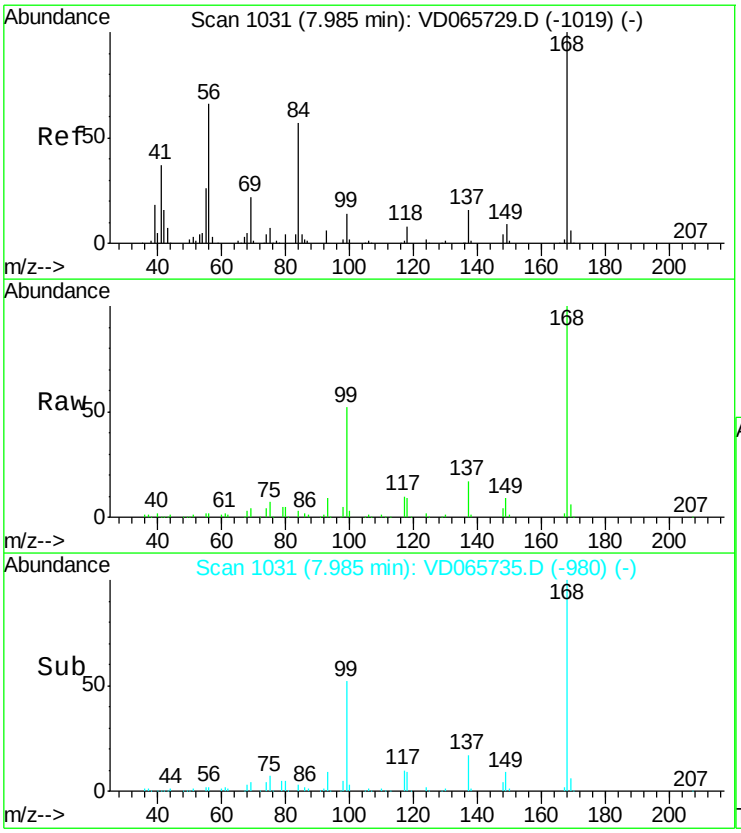
#25
2-Butanone
Concen: 2.310 ug/l
RT: 7.18 min Scan# 894
Delta R.T. -0.04 min
Lab File: VD065735.D
Acq: 14 May 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 2002

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.3	33.5#

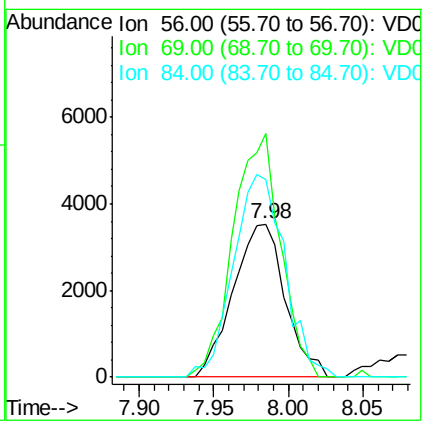


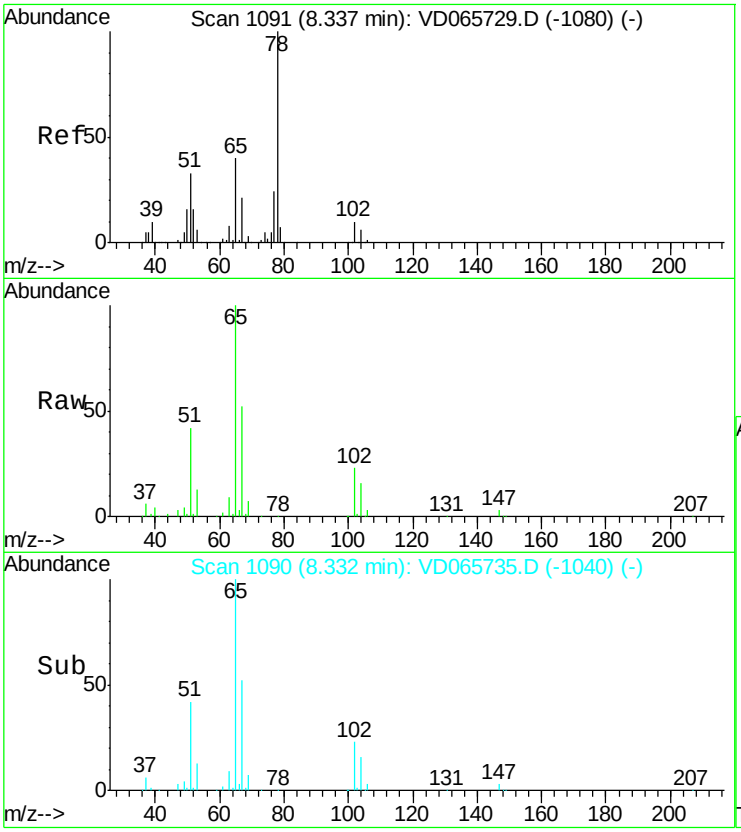


#31
Cyclohexane
Concen: 1.451 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065735.D
Acq: 14 May 2020 11:28

Tgt Ion: 56 Resp: 8522

Ion	Ratio	Lower	Upper
56	100		
69	159.2	25.9	38.9#
84	129.5	69.1	103.7#



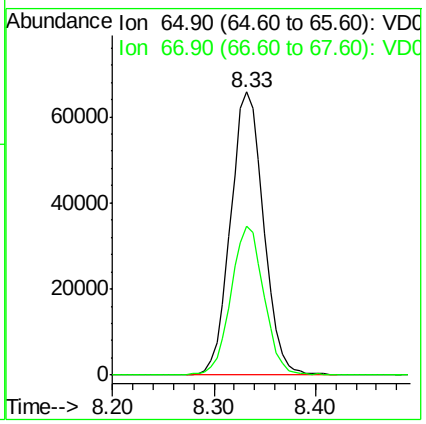


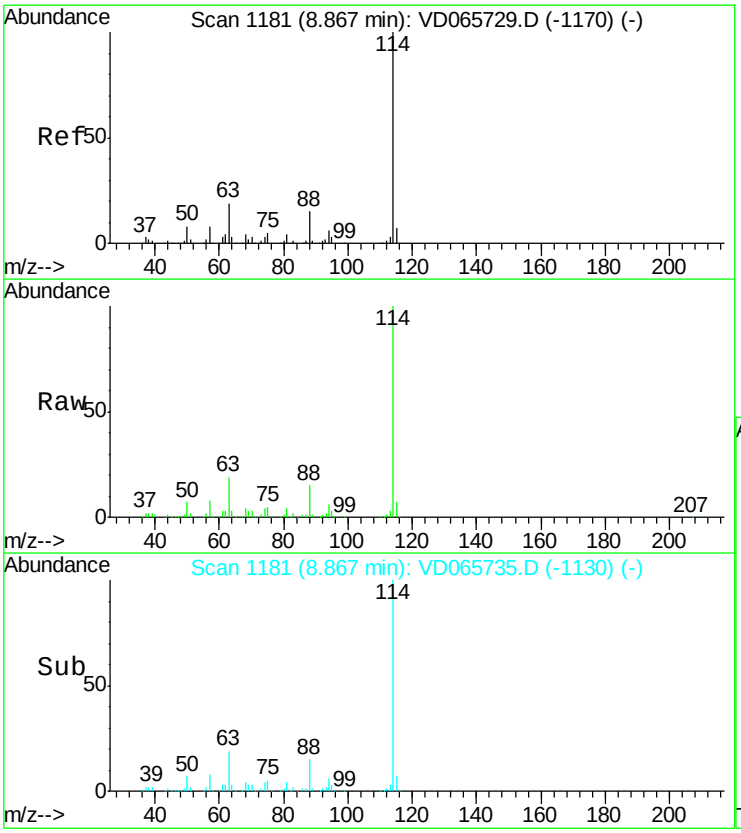
#33
1,2-Dichloroethane-d4
Concen: 50.287 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065735.D
Acq: 14 May 2020 11:28

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 148653

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.2

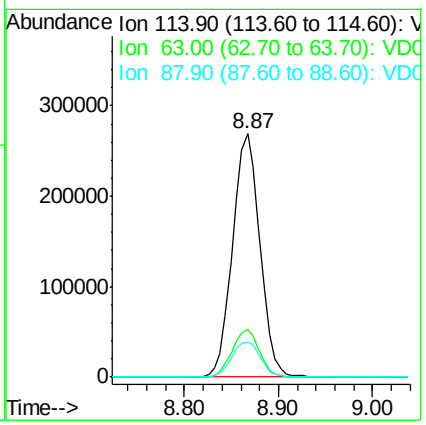


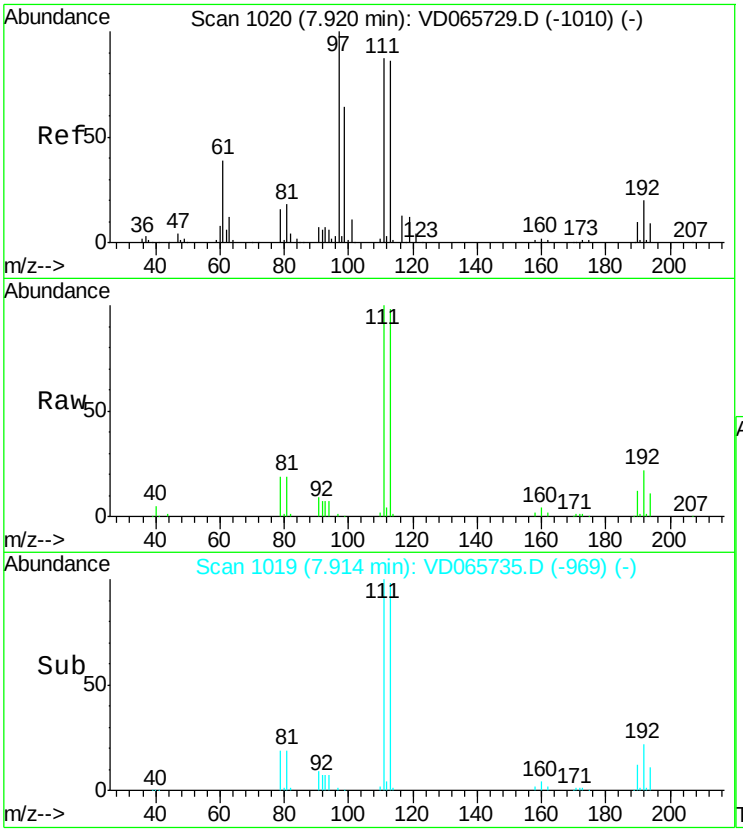


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD065735.D
Acq: 14 May 2020 11:28

Tgt Ion:114 Resp: 543711

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	37.2
88	14.6	0.0	30.2



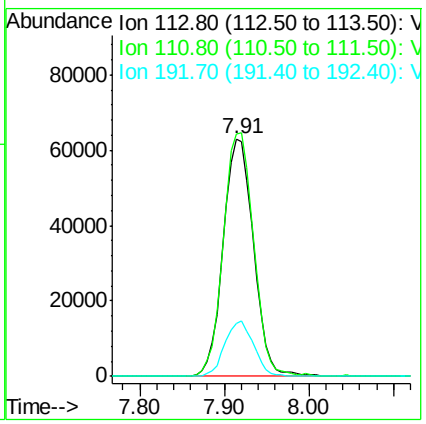


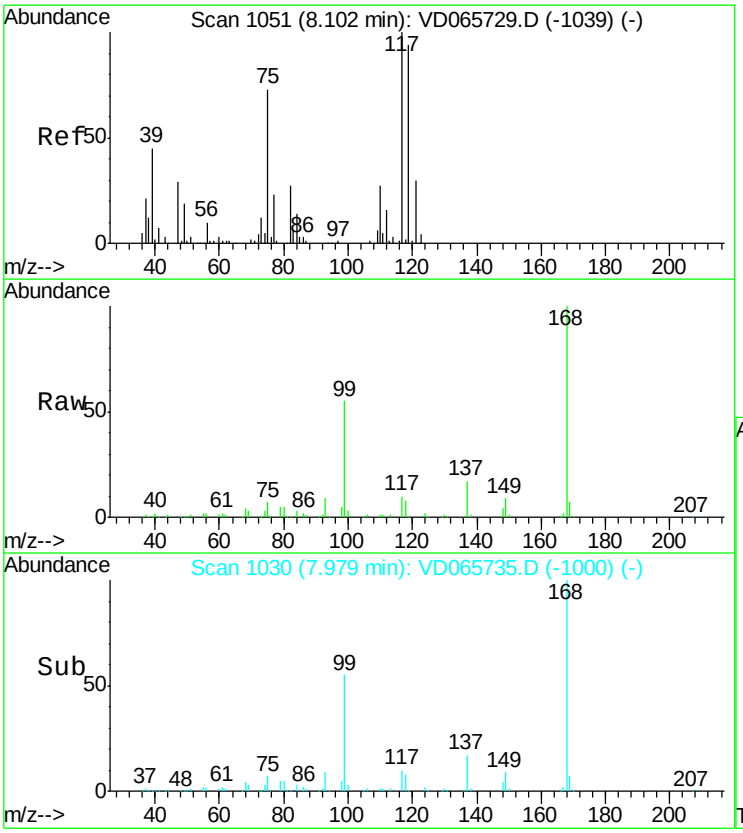
#35
Dibromofluoromethane
Concen: 50.635 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD065735.D
Acq: 14 May 2020 11:28

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 155969

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.1	121.7
192	22.1	17.6	26.4

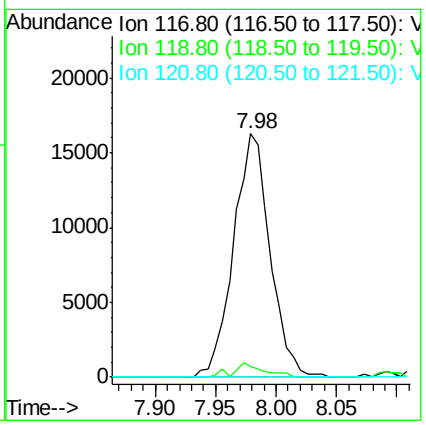


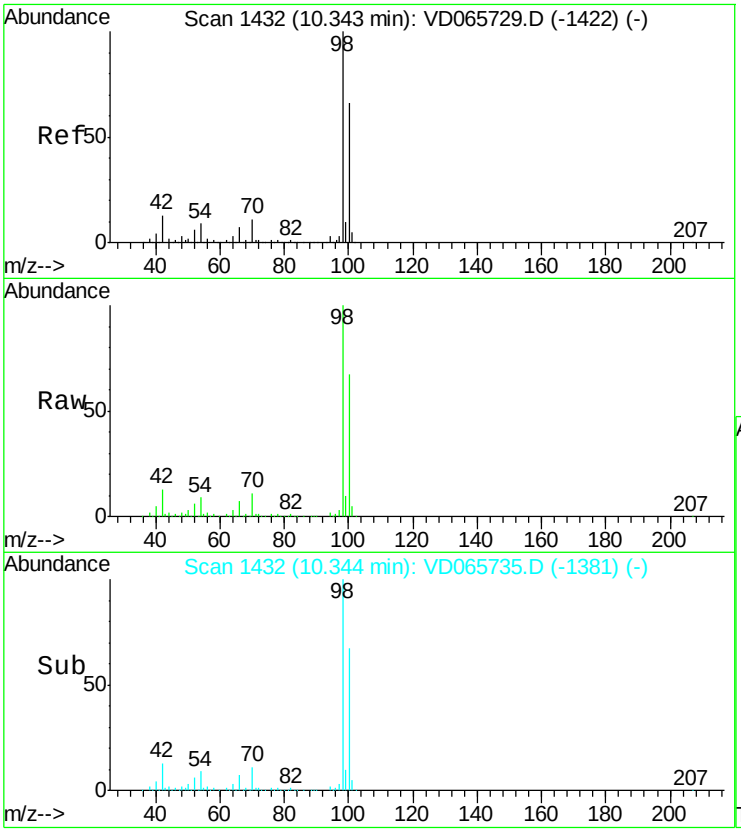


#38
Carbon Tetrachloride
Concen: 6.834 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD065735.D
Acq: 14 May 2020 11:28

Tgt Ion:117 Resp: 34228

Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.6	113.4#
121	0.0	24.4	36.6#



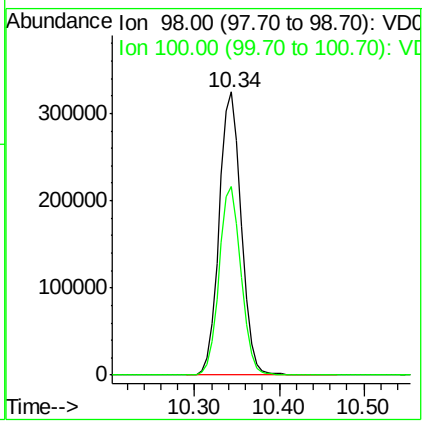


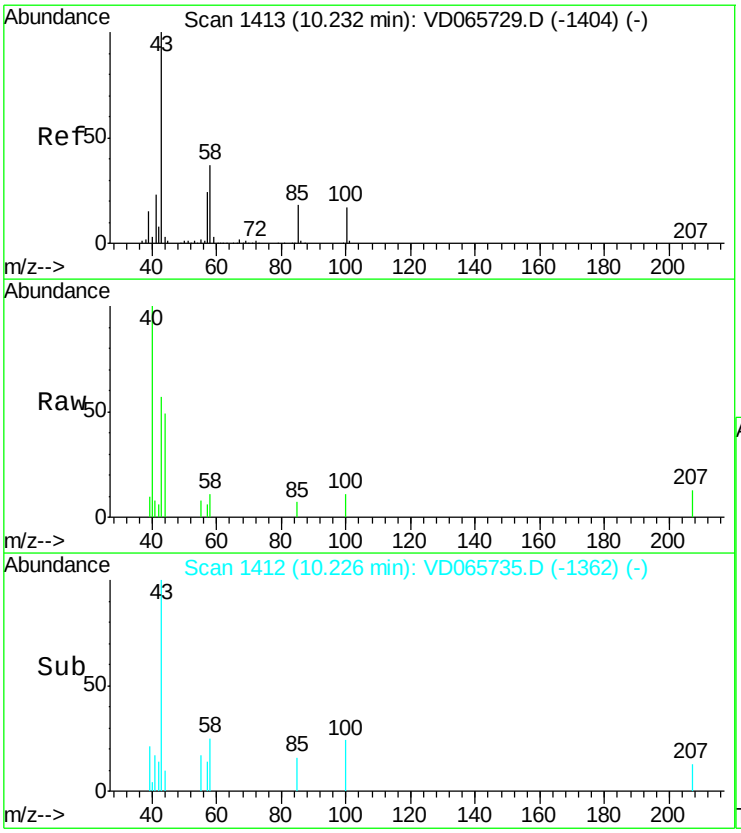
#50
Toluene-d8
Concen: 50.156 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065735.D
Acq: 14 May 2020 11:28

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 588177

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.5	78.7

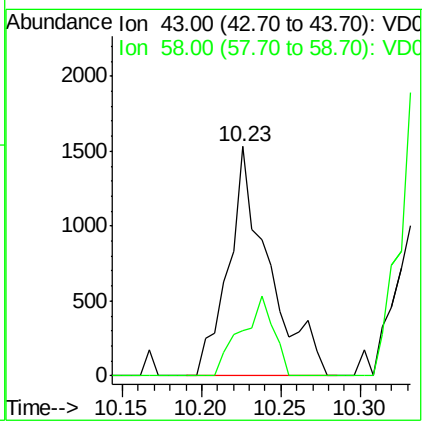


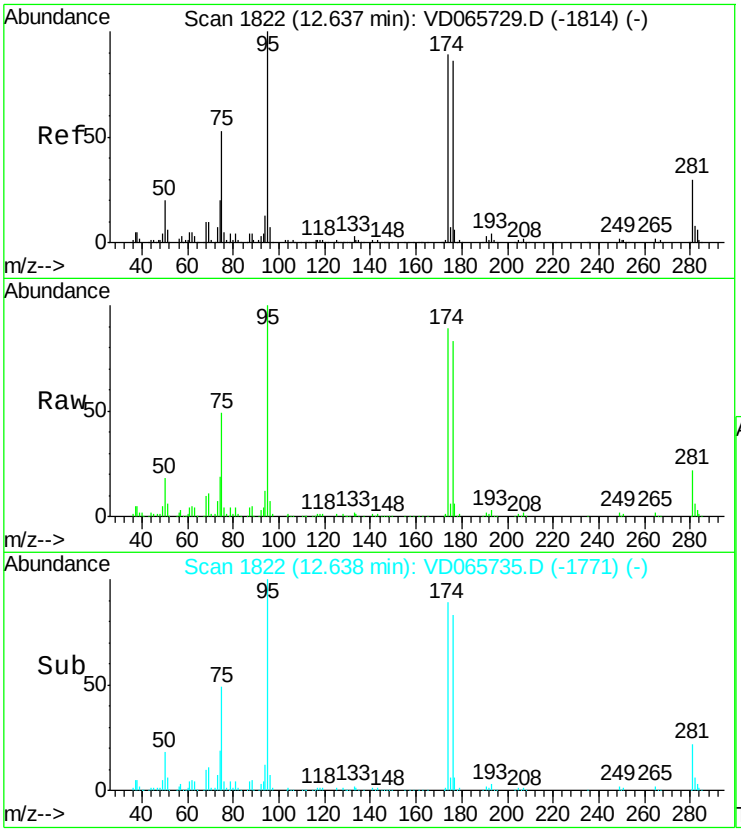


#51
4-Methyl-2-Pentanone
Concen: 1.410 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.01 min
Lab File: VD065735.D
Acq: 14 May 2020 11:28

Tgt Ion: 43 Resp: 2706

Ion	Ratio	Lower	Upper
43	100		
58	28.0	30.2	45.2#



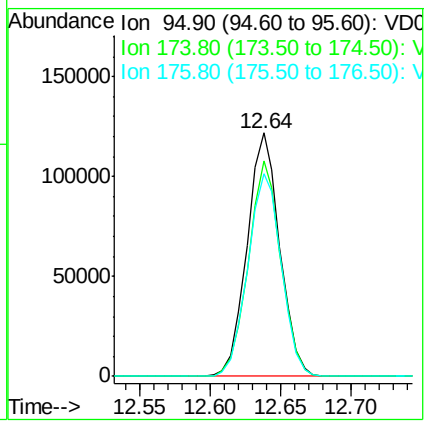


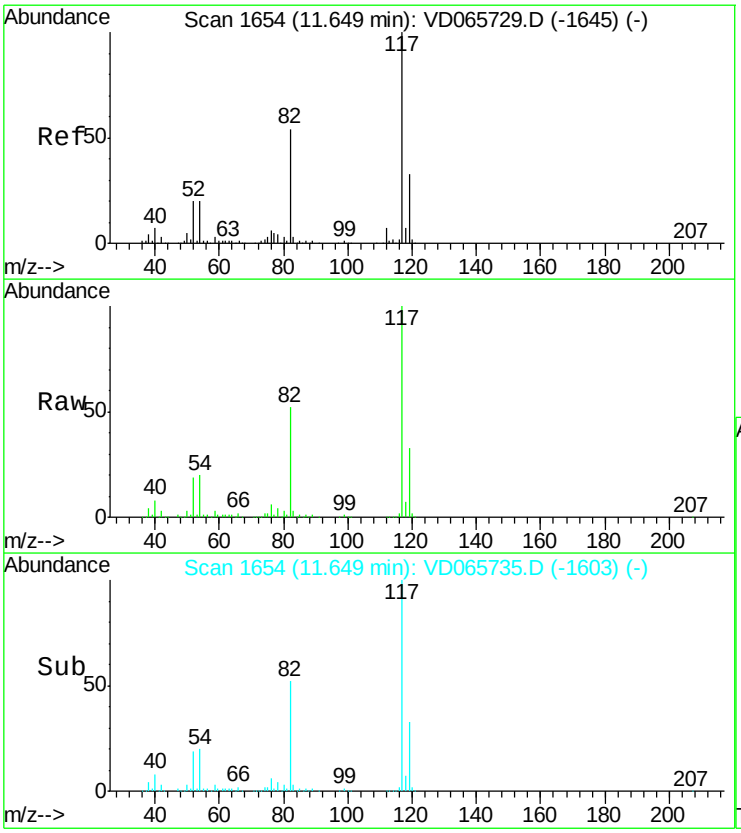
#62
4-Bromofluorobenzene
Concen: 49.725 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065735.D
Acq: 14 May 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 197481

Ion	Ratio	Lower	Upper
95	100		
174	87.8	0.0	179.4
176	85.6	0.0	174.0

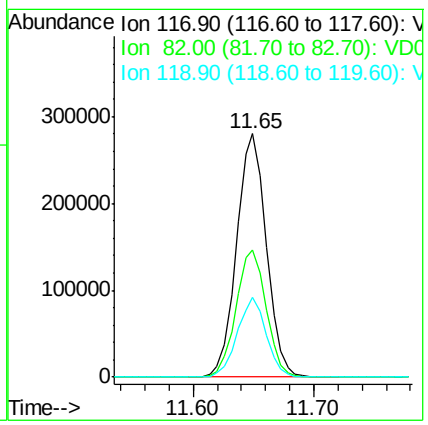


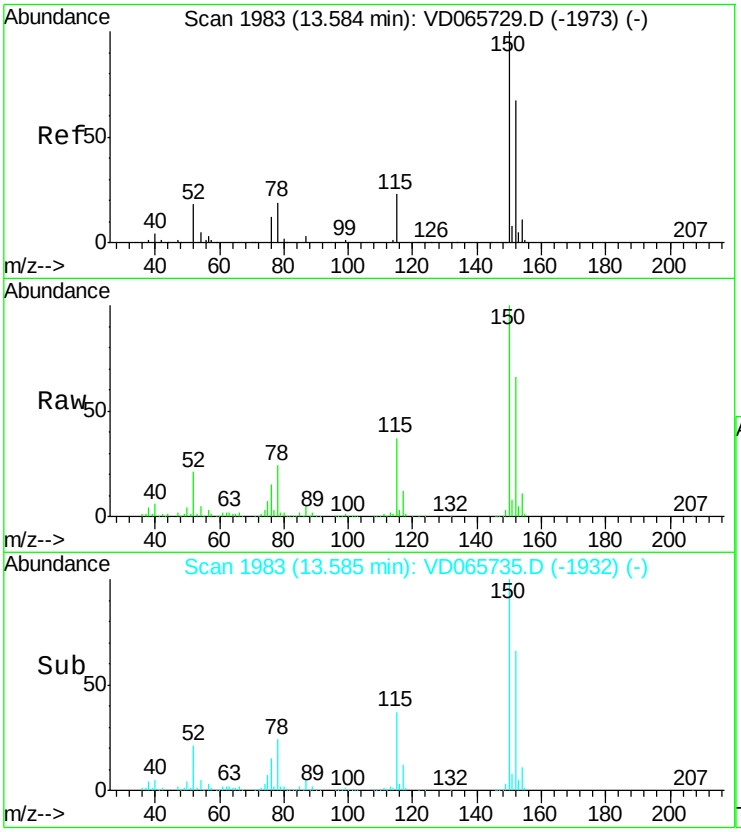


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065735.D
Acq: 14 May 2020 11:28

Tgt Ion:117 Resp: 482812

Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.0	64.6
119	32.5	26.6	40.0



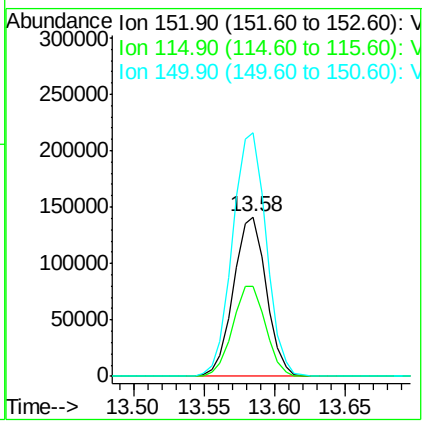


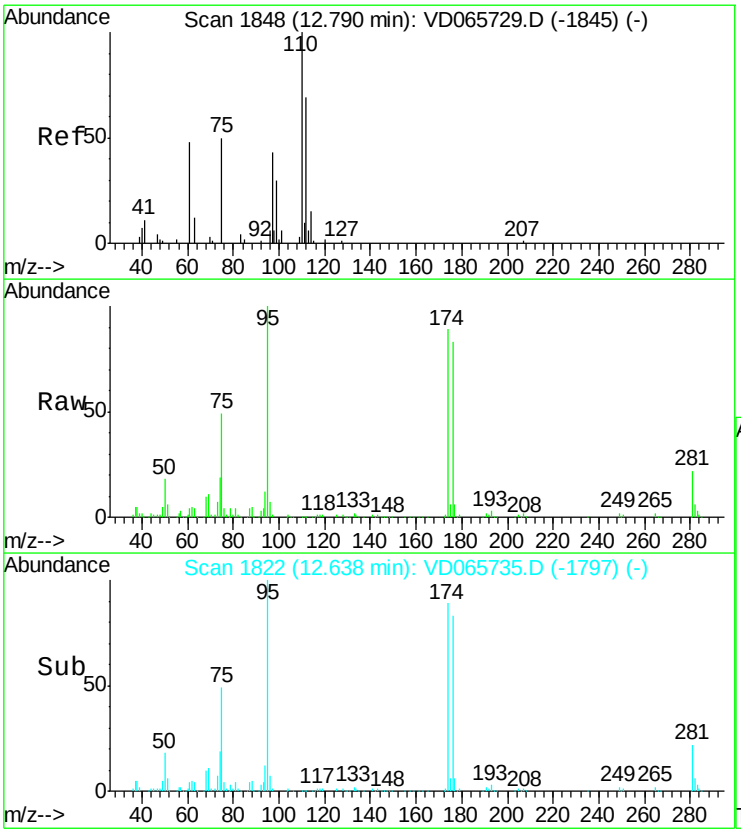
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065735.D
Acq: 14 May 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 229083

Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.1	84.3
150	157.6	0.0	343.2

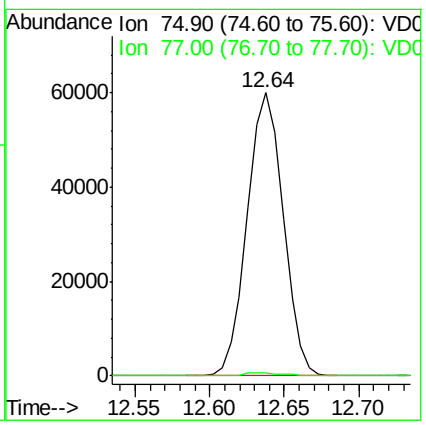


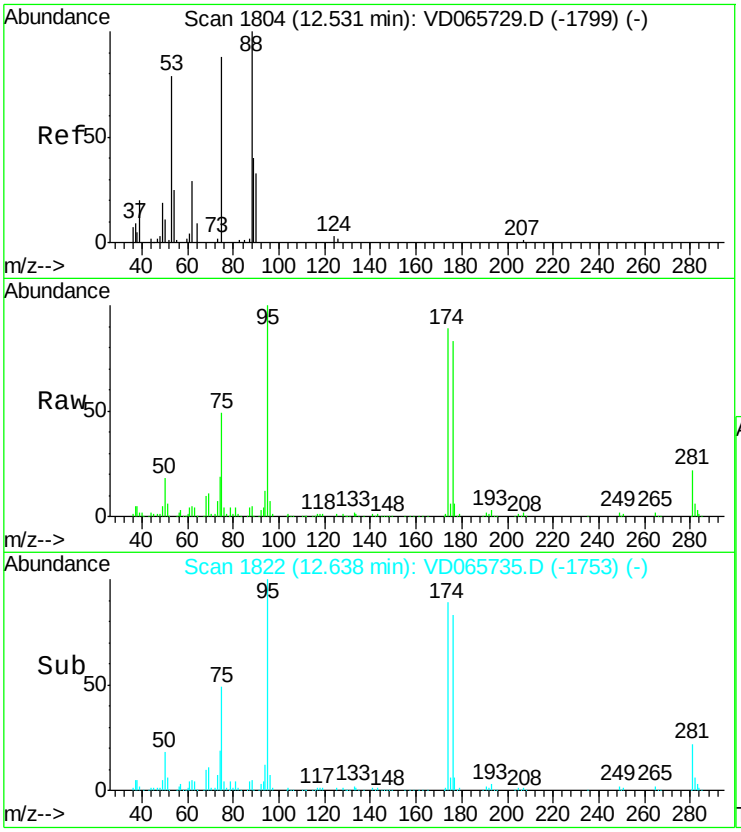


#76
1,2,3-Trichloropropane
Concen: 58.775 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD065735.D
Acq: 14 May 2020 11:28

Tgt Ion: 75 Resp: 100485

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 115.307 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD065735.D
Acq: 14 May 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 100485

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.6	109.0#
89	0.2	37.0	55.4#