Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080619\
Data File : VD063405.D
Acq On : 6 Aug 2019 18:06
Operator : JC/SY
Sample : K4095-03RE
Misc : 4.45g/5ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-02-080219-B

Quant Time: Aug 07 06:43:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1142222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1575023	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	1334605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	662773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	545404	43.03	ug/l	0.01
Spiked Amount 50.000			Recovery = 86.06%			
35) Dibromofluoromethane	6.92	113	615701	45.79	ug/l	0.01
Spiked Amount 50.000			Recovery = 91.58%			
50) Toluene-d8	10.41	98	1339538	44.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.02%			
62) 4-Bromofluorobenzene	13.56	95	534104	38.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 77.90%			
Target Compounds						Qvalue
8) Diethyl Ether	2.88	74	3631	1.191	ug/l	56
11) Tert butyl alcohol	4.09	59	4411	7.931	ug/l #	69
16) Acetone	3.22	43	136891	55.435	ug/l	100
18) Methyl Acetate	3.63	43	23924	5.044	ug/l	100
20) Methylene Chloride	3.81	84	14897	1.492	ug/l #	89
31) Cyclohexane	7.04	56	23075	2.044	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	84004	5.844	ug/l #	54
38) Carbon Tetrachloride	7.04	117	108677	5.022	ug/l #	14
49) 1,4-Dioxane	9.05	88	233	1.029	ug/l #	22
81) trans-1,4-Dichloro-2-buten	13.56	75	245948	111.261	ug/l #	3

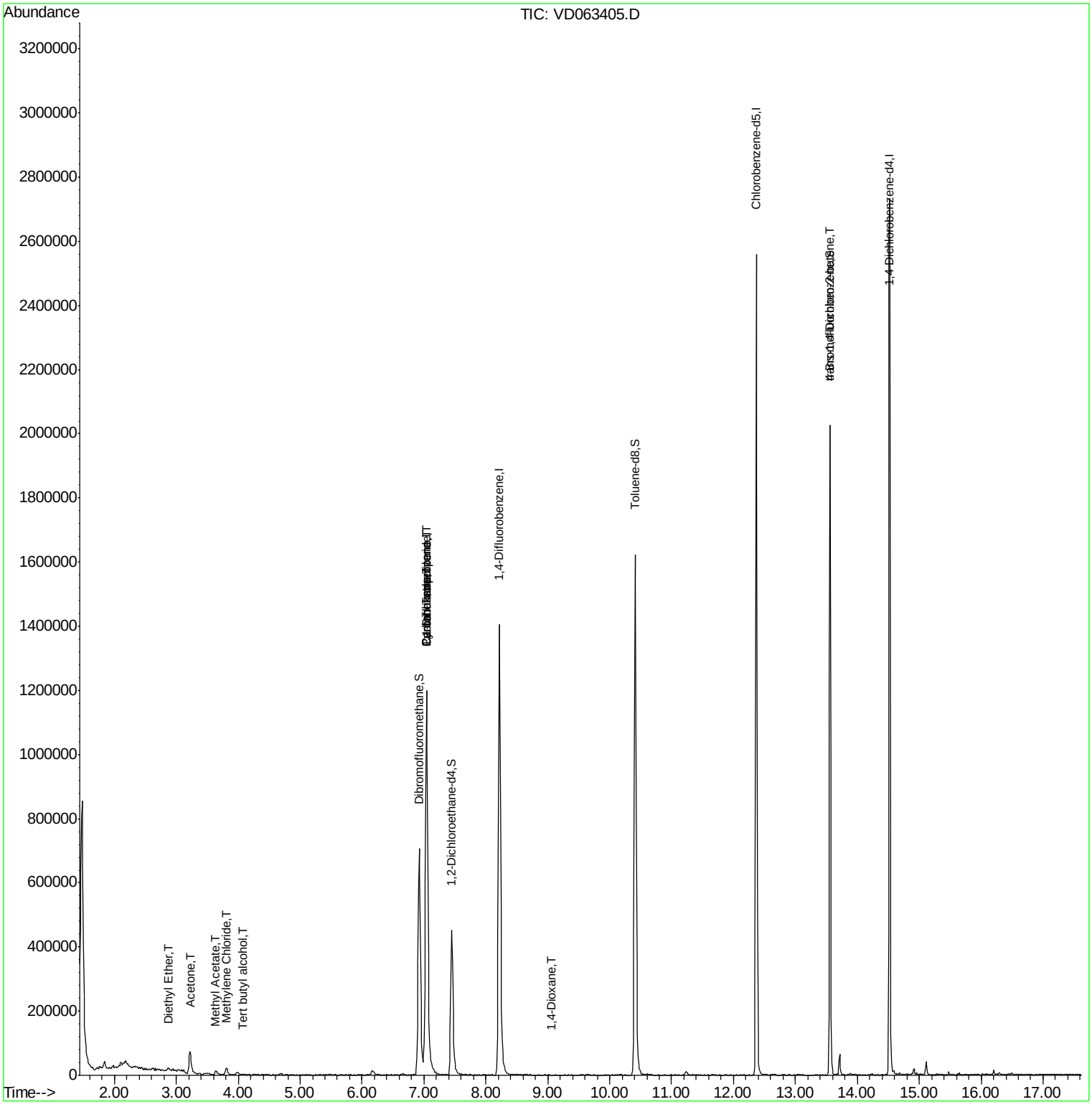
(#) = qualifier out of range (m) = manual integration (+) = signals summed

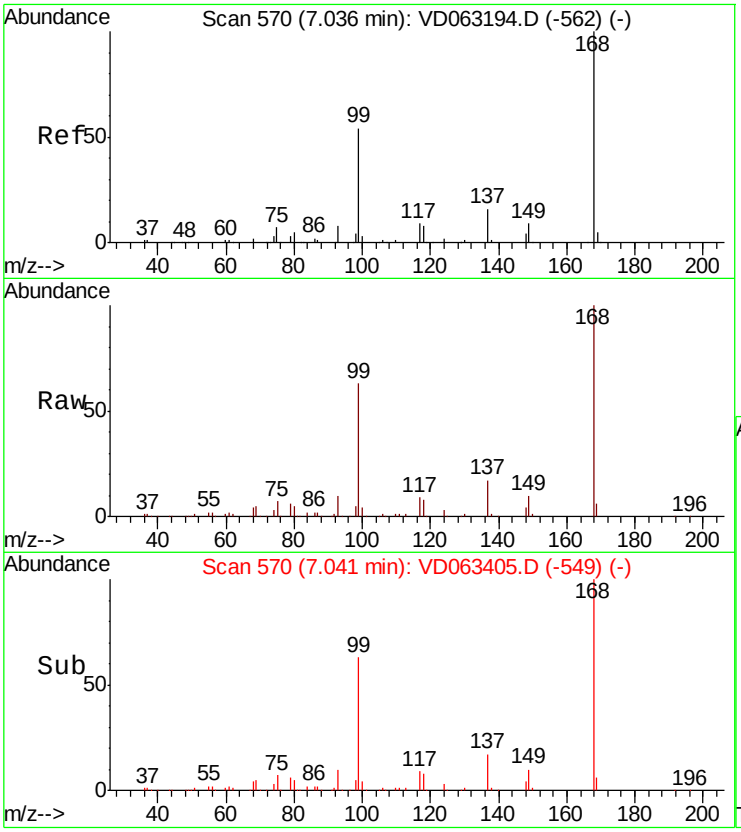
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080619\
Data File : VD063405.D
Acq On : 6 Aug 2019 18:06
Operator : JC/SY
Sample : K4095-03RE
Misc : 4.45g/5ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-02-080219-B

Quant Time: Aug 07 06:43:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration



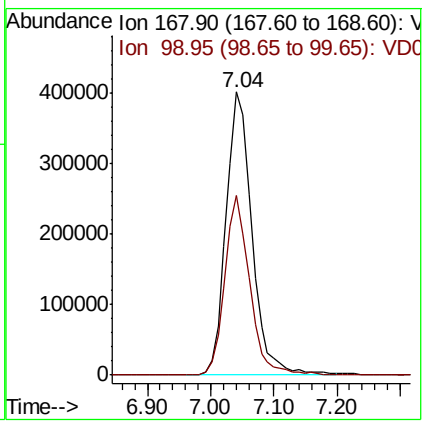


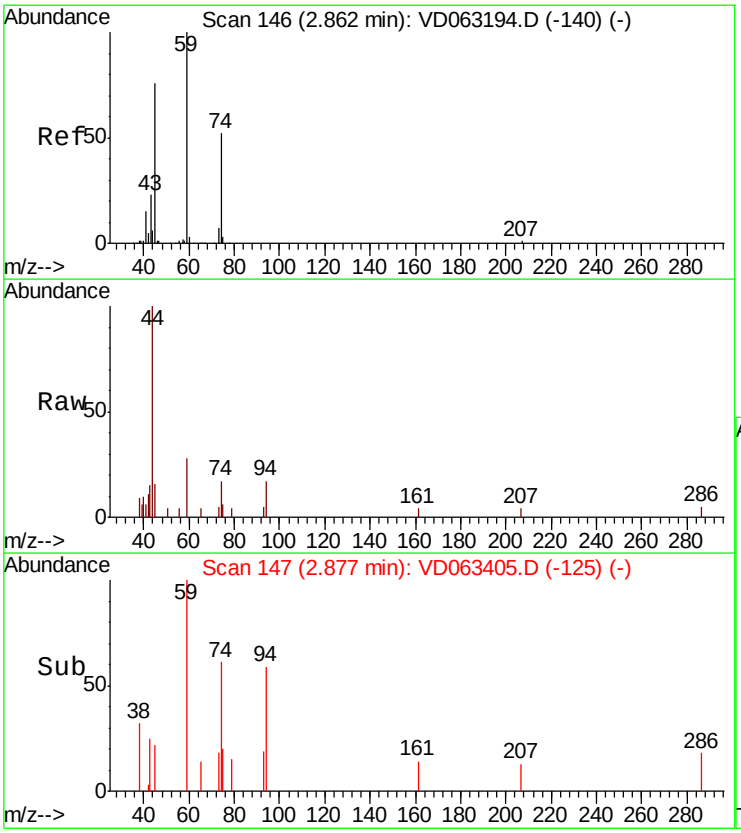
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.00 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Instrument :
MSVOA_D
ClientSampleId :
SU-02-080219-B

Tgt Ion:168 Resp: 1142222

Ion	Ratio	Lower	Upper
168	100		
99	63.3	43.7	65.5

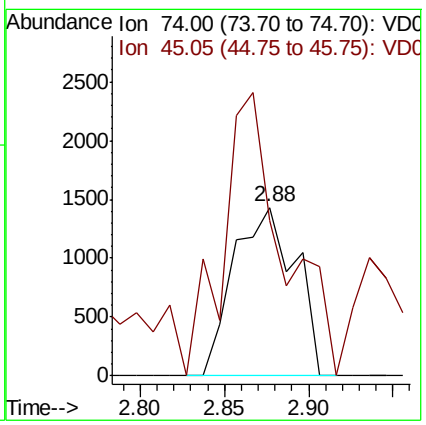


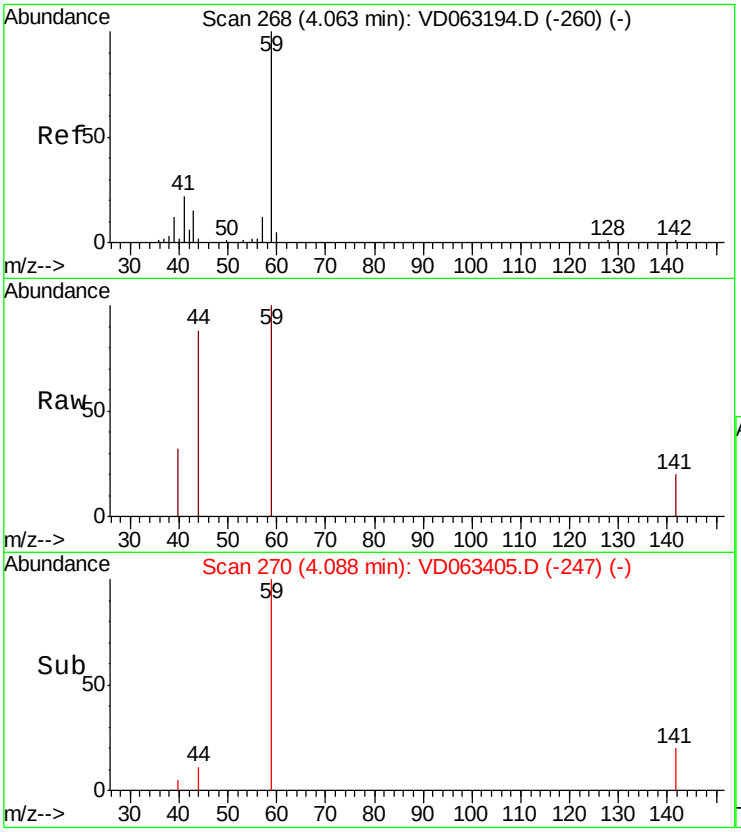


#8
Diethyl Ether
Concen: 1.191 ug/l
RT: 2.88 min Scan# 147
Delta R.T. 0.01 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Tgt Ion: 74 Resp: 3631

Ion	Ratio	Lower	Upper
74	100		
45	92.6	73.6	220.8



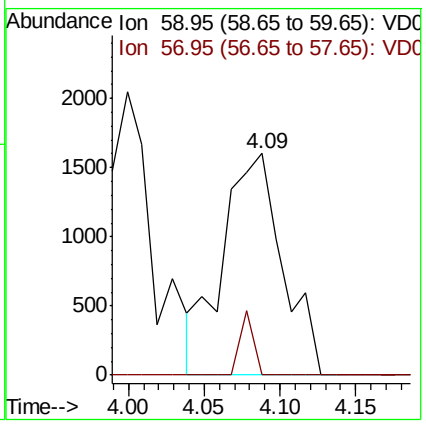


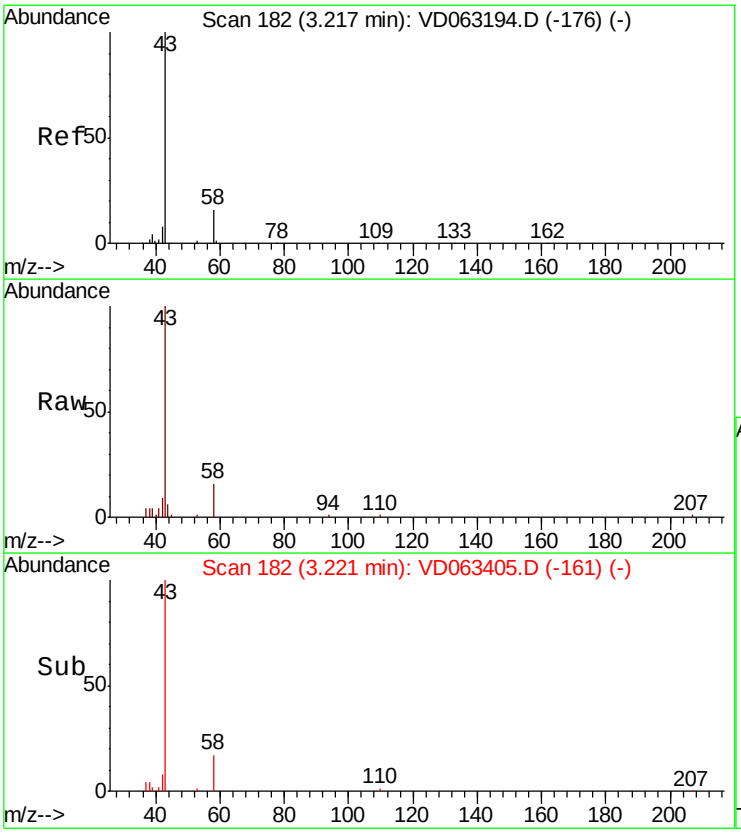
#11
Tert butyl alcohol
Concen: 7.931 ug/l
RT: 4.09 min Scan# 270
Delta R.T. 0.02 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Instrument :
MSVOA_D
ClientSampleId :
SU-02-080219-B

Tgt Ion: 59 Resp: 4411

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.6	14.4#

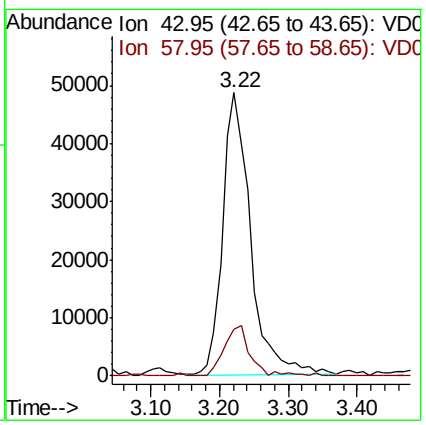


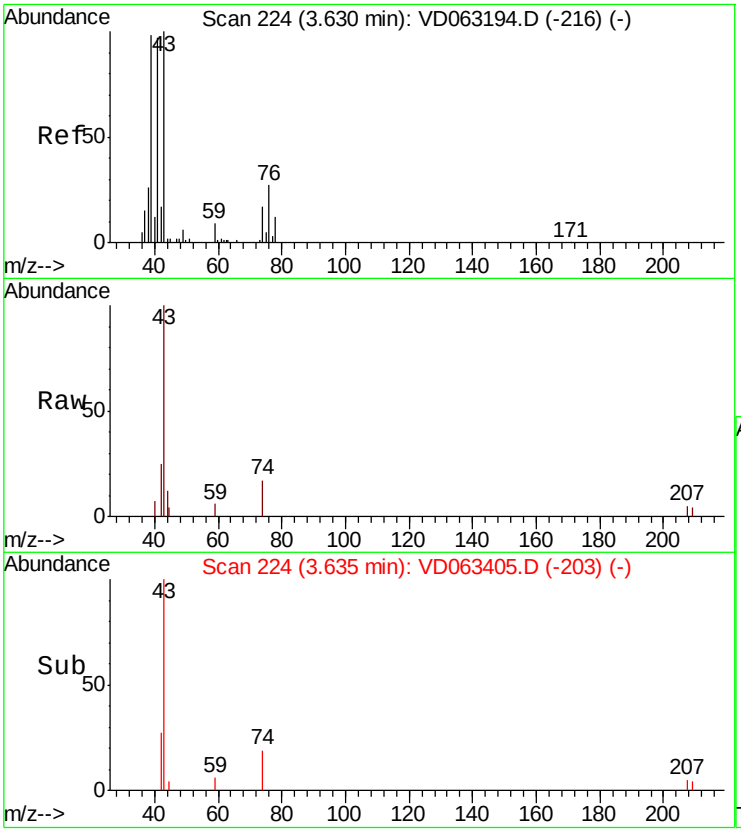


#16
Acetone
Concen: 55.435 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.00 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Tgt Ion: 43 Resp: 136891

Ion	Ratio	Lower	Upper
43	100		
58	16.3	13.0	19.4



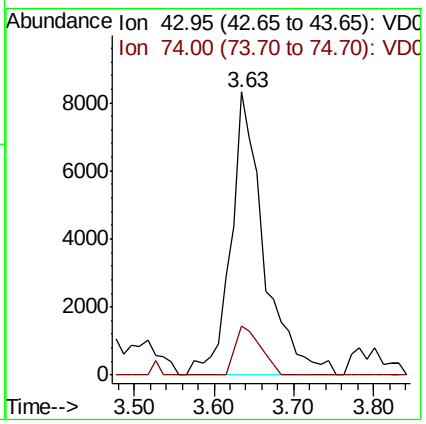


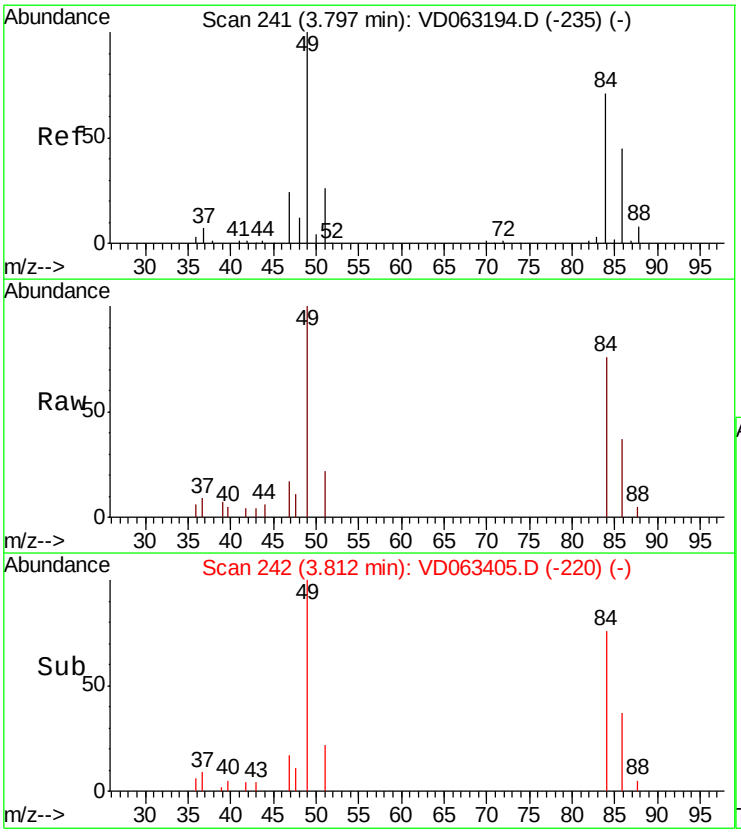
#18
Methyl Acetate
Concen: 5.044 ug/l
RT: 3.63 min Scan# 224
Delta R.T. 0.00 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Instrument :
MSVOA_D
ClientSampleId :
SU-02-080219-B

Tgt Ion: 43 Resp: 23924

Ion	Ratio	Lower	Upper
43	100		
74	17.3	13.8	20.8

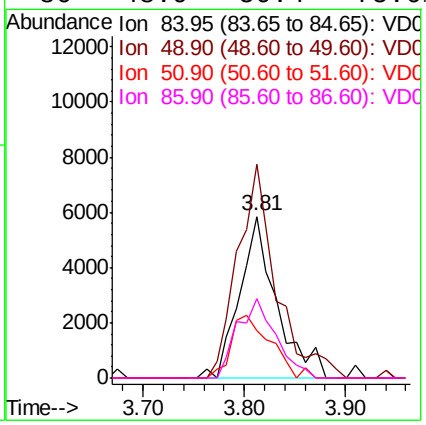


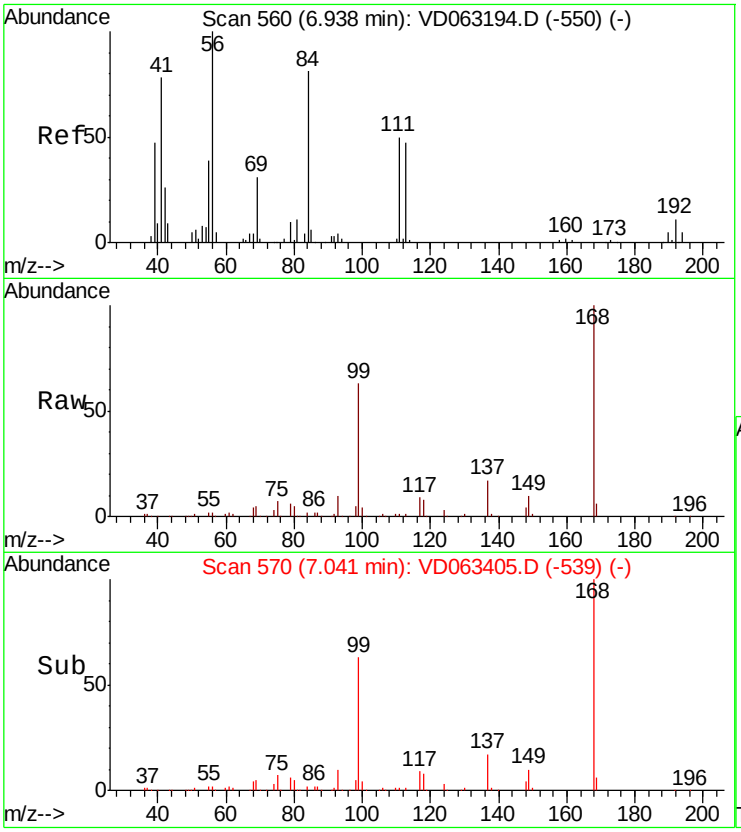


#20
Methylene Chloride
Concen: 1.492 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Tgt Ion: 84 Resp: 14897

Ion	Ratio	Lower	Upper
84	100		
49	132.2	112.5	168.7
51	29.1	29.6	44.4#
86	48.9	50.4	75.6#



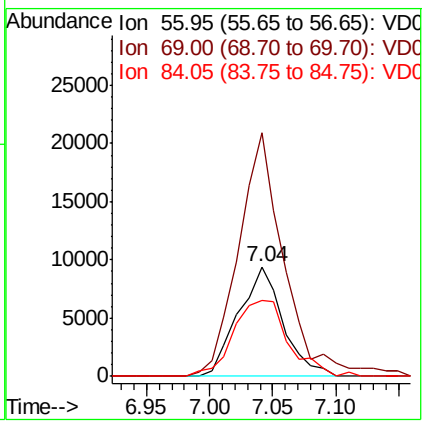


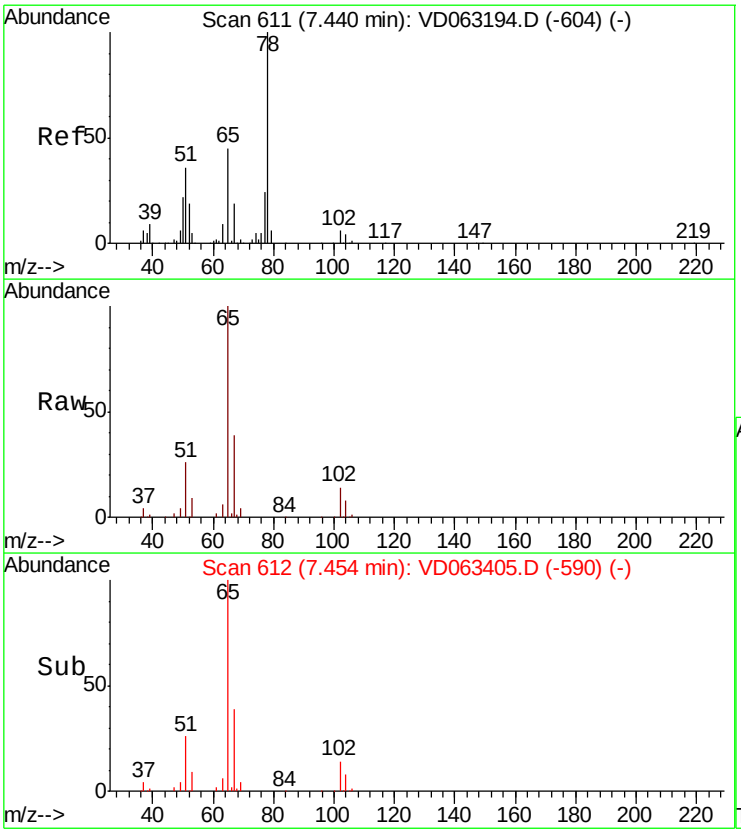
#31
Cyclohexane
Concen: 2.044 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.10 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Instrument : MSVOA_D
ClientSampleId : SU-02-080219-B

Tgt Ion: 56 Resp: 23075

Ion	Ratio	Lower	Upper
56	100		
69	222.5	24.5	36.7#
84	69.3	64.9	97.3

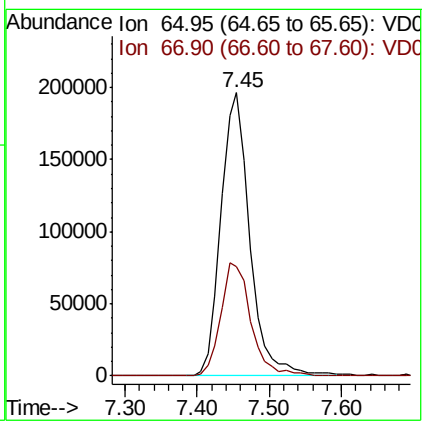


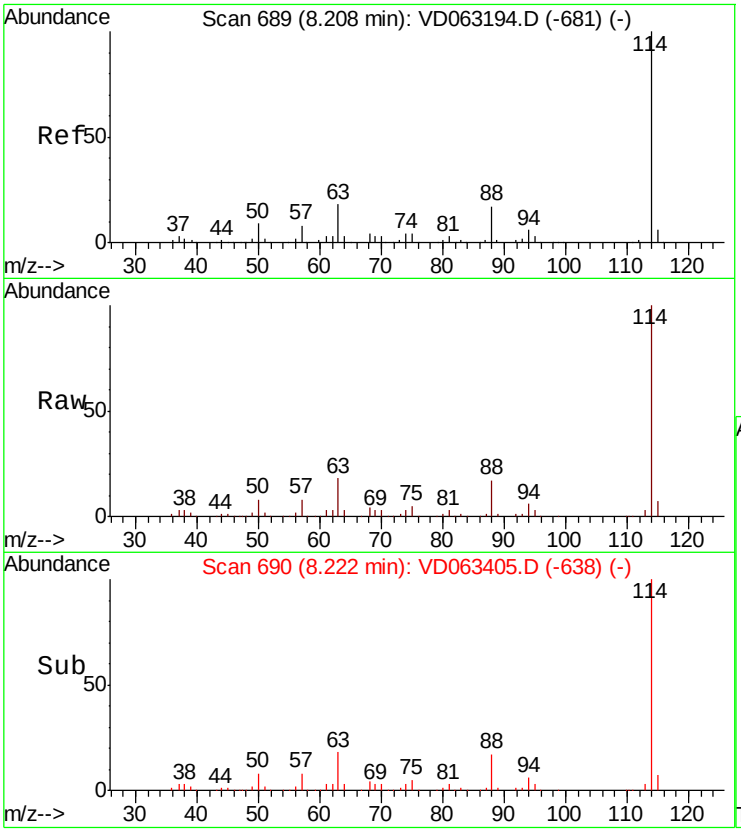


#33
1,2-Dichloroethane-d4
Concen: 43.033 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Tgt Ion: 65 Resp: 545404

Ion	Ratio	Lower	Upper
65	100		
67	38.7	0.0	85.8



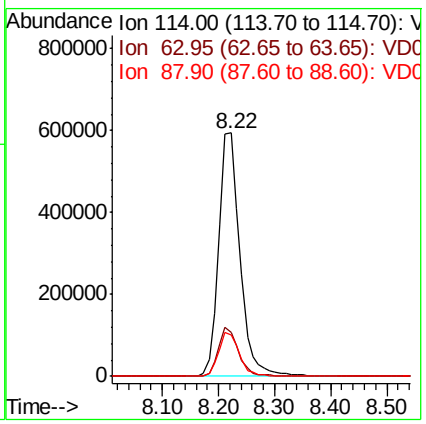


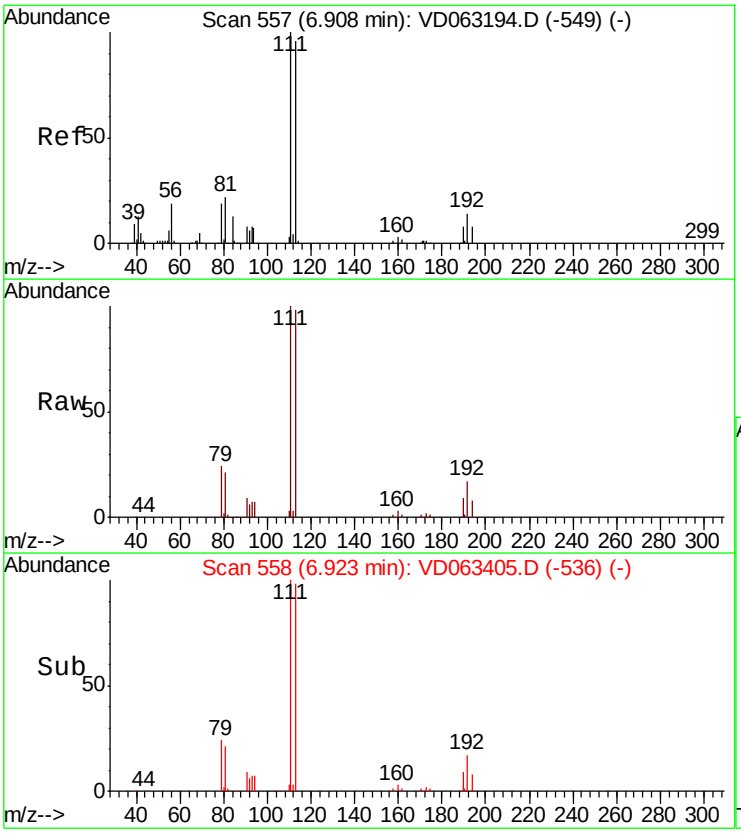
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.01 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Instrument :
MSVOA_D
ClientSampleId :
SU-02-080219-B

Tgt Ion:114 Resp: 1575023

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.2
88	16.9	0.0	34.6

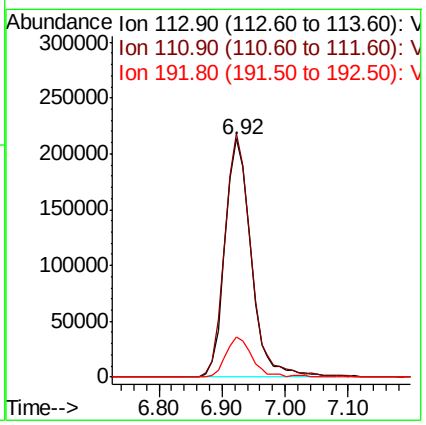


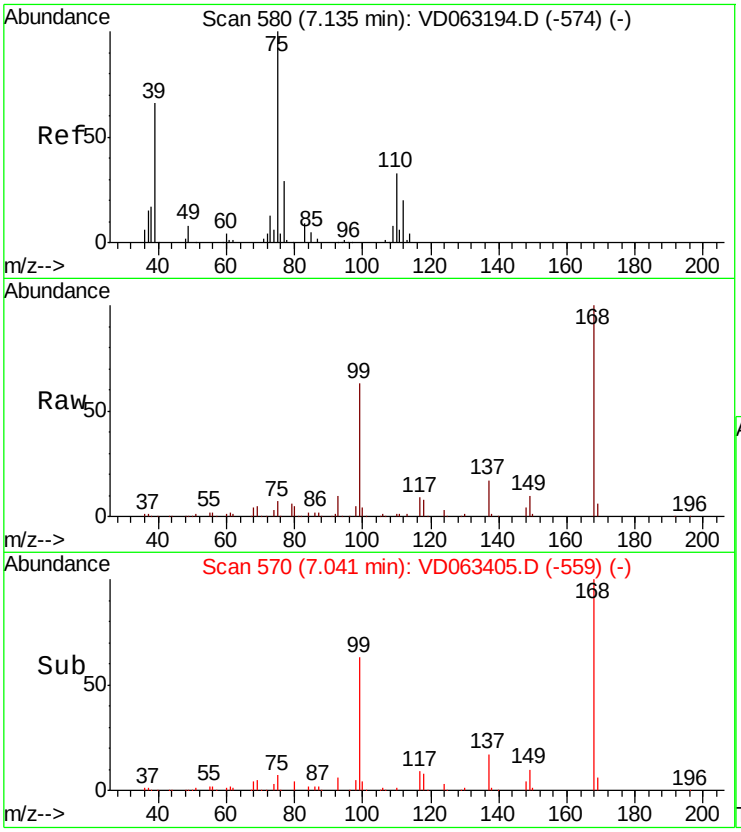


#35
Dibromofluoromethane
Concen: 45.786 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.01 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Tgt Ion:113 Resp: 615701

Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.2	124.8
192	17.0	11.8	17.8



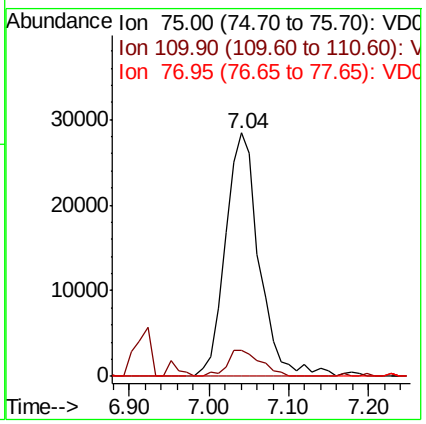


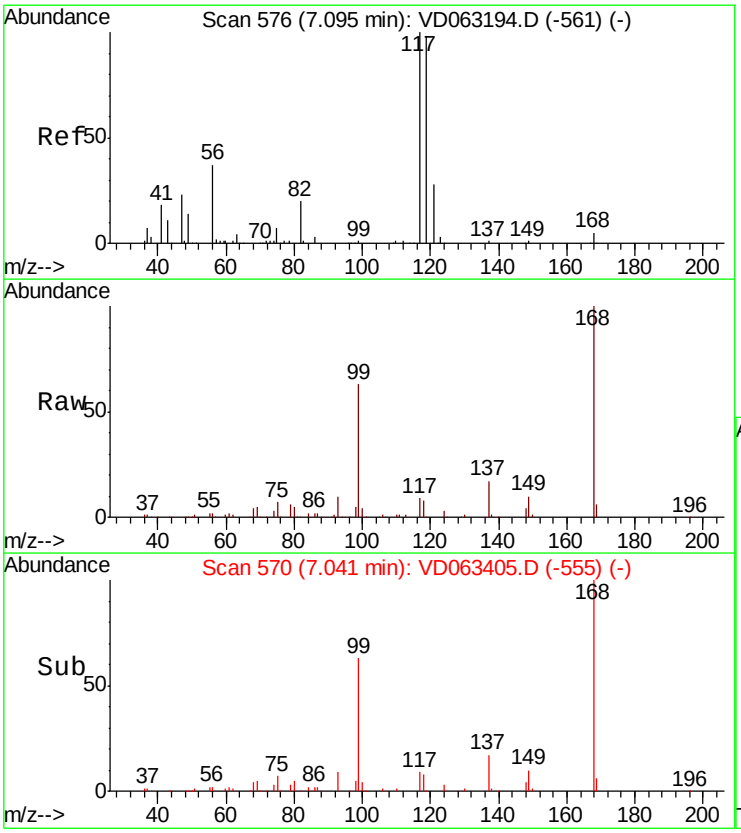
#36
1,1-Dichloropropene
Concen: 5.844 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.09 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Instrument :
MSVOA_D
ClientSampleId :
SU-02-080219-B

Tgt Ion: 75 Resp: 84004

Ion	Ratio	Lower	Upper
75	100		
110	10.4	16.1	48.2#
77	0.0	22.7	34.1#

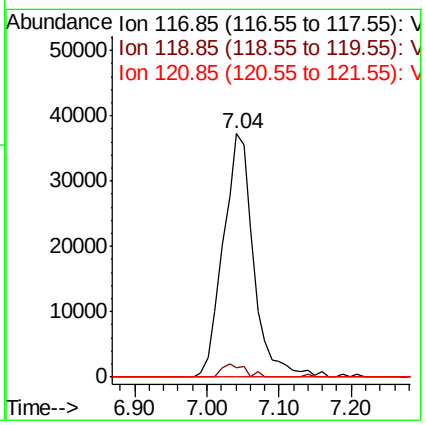


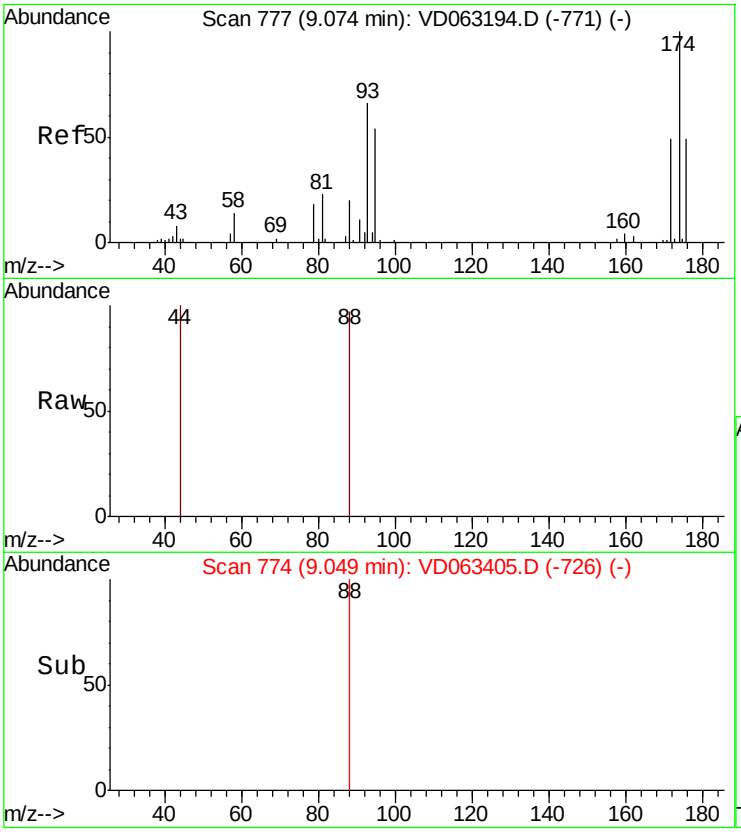


#38
Carbon Tetrachloride
Concen: 5.022 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.05 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Tgt Ion:117 Resp: 108677

Ion	Ratio	Lower	Upper
117	100		
119	3.9	78.2	117.2#
121	0.0	22.1	33.1#



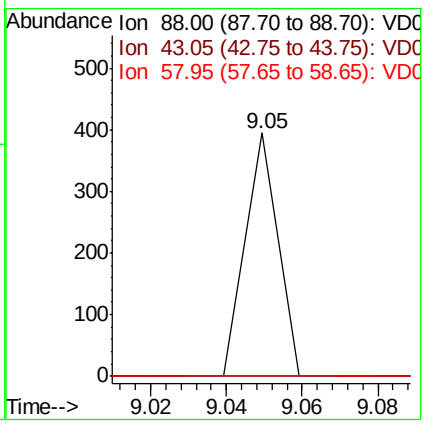


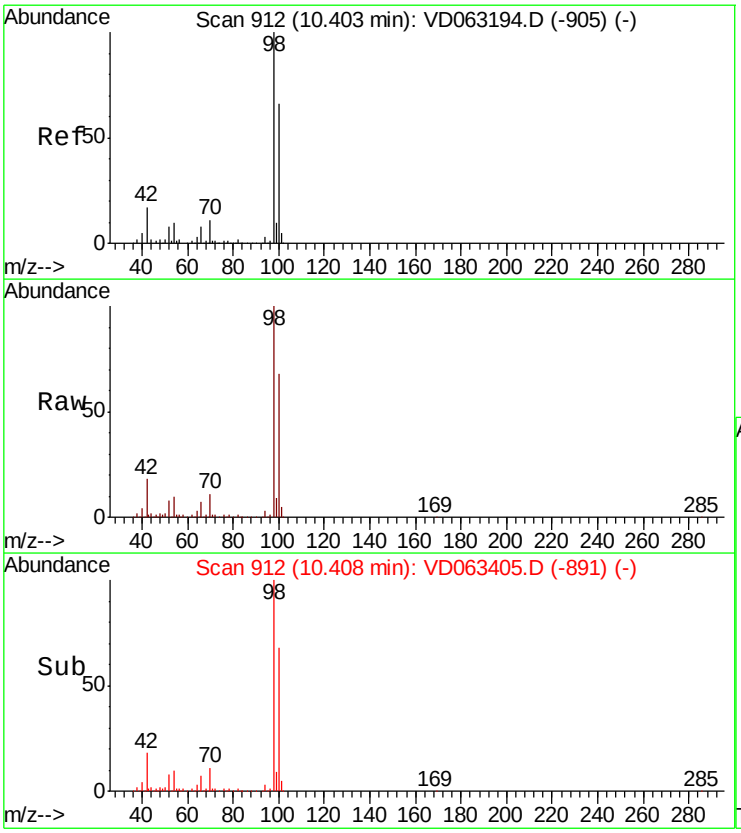
#49
1,4-Dioxane
Concen: 1.029 ug/l
RT: 9.05 min Scan# 774
Delta R.T. -0.02 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Instrument : MSVOA_D
ClientSampleId : SU-02-080219-B

Tgt Ion: 88 Resp: 233

Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.7	46.1#
58	0.0	56.5	84.7#

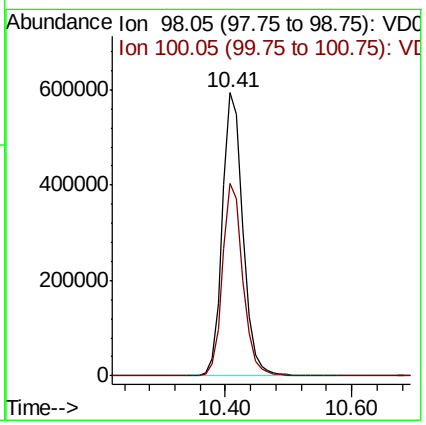


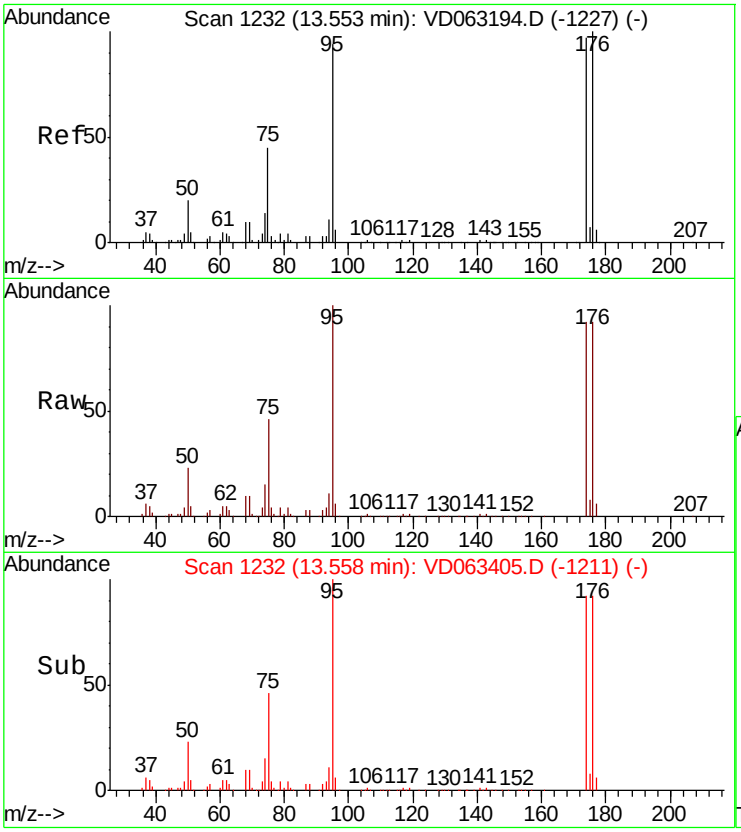


#50
Toluene-d8
Concen: 44.510 ug/l
RT: 10.41 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Tgt Ion: 98 Resp: 1339538

Ion	Ratio	Lower	Upper
98	100		
100	68.1	53.2	79.8



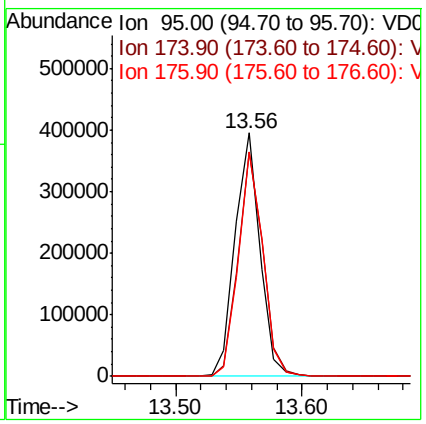


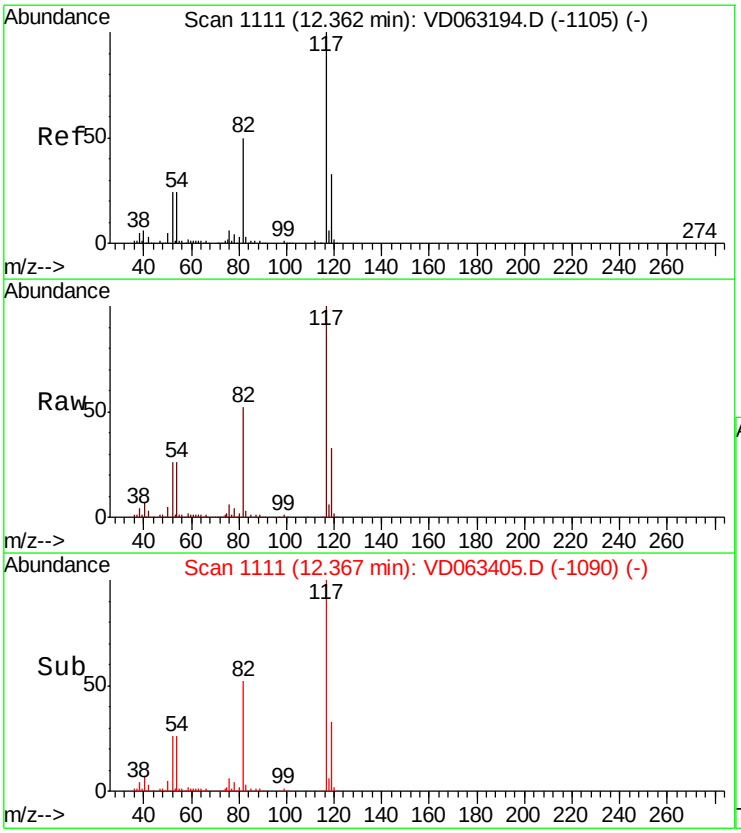
#62
4-Bromofluorobenzene
Concen: 38.945 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Instrument :
MSVOA_D
ClientSampleId :
SU-02-080219-B

Tgt Ion: 95 Resp: 534104

Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	205.4
176	92.3	0.0	211.8

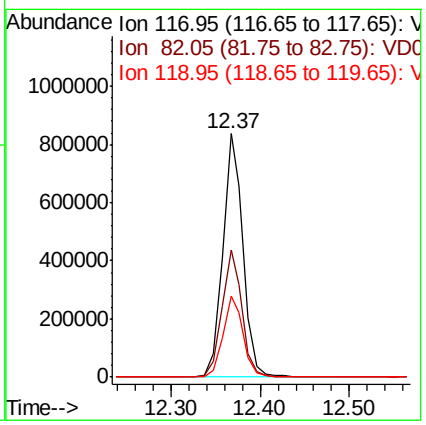


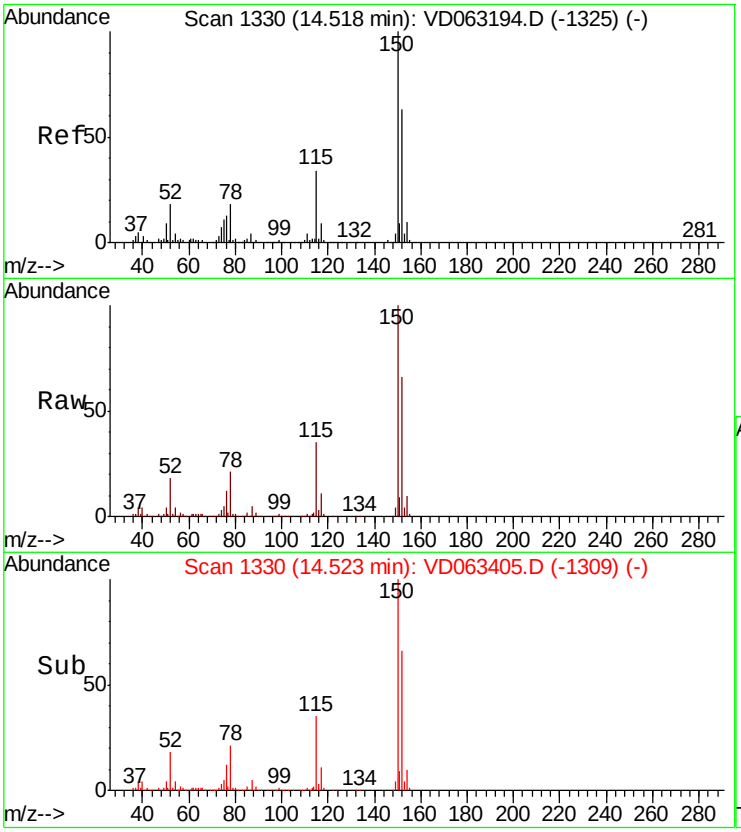


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Tgt Ion:117 Resp: 1334605

Ion	Ratio	Lower	Upper
117	100		
82	52.2	40.1	60.1
119	33.4	26.5	39.7



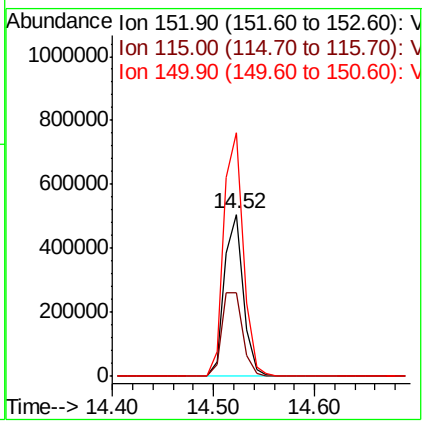


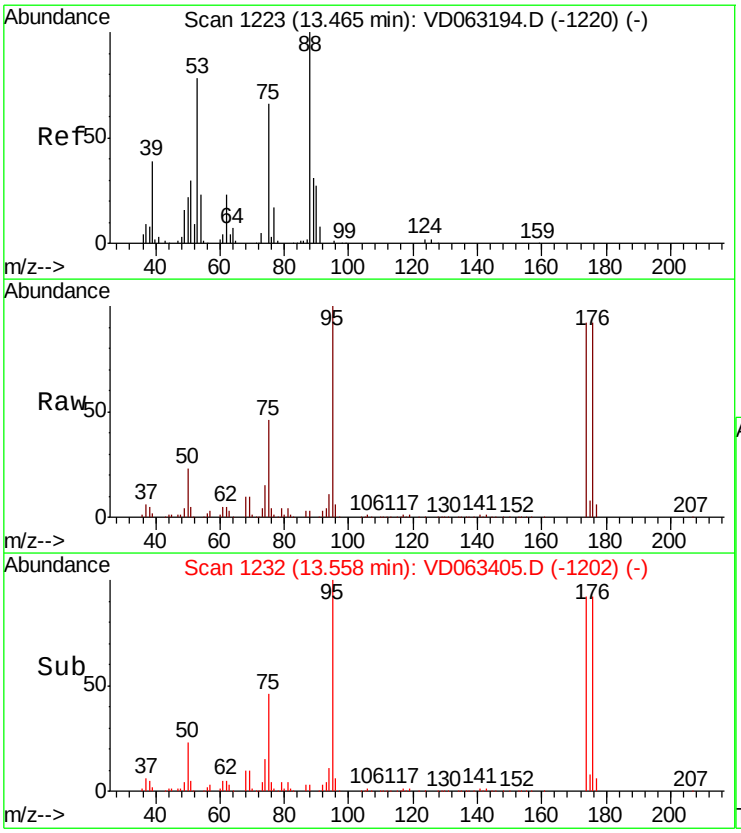
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Instrument :
MSVOA_D
ClientSampleId :
SU-02-080219-B

Tgt Ion:152 Resp: 662773

Ion	Ratio	Lower	Upper
152	100		
115	51.9	27.5	82.4
150	150.4	0.0	320.6





#81
trans-1,4-Dichloro-2-butene
Concen: 111.261 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.09 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Tgt Ion: 75 Resp: 245948

Ion	Ratio	Lower	Upper
75	100		
53	0.0	94.9	142.3#
89	0.0	37.4	56.0#