Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071619\
Data File : VD063096.D
Acq On : 16 Jul 2019 10:27
Operator : VA/AP
Sample : VD0716SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0716SBL01

Quant Time: Jul 16 10:53:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	735507	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	997824	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	813941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	433123	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	435263	47.51	ug/l	-0.01
Spiked Amount 50.000			Recovery = 95.02%			
35) Dibromofluoromethane	6.90	113	462377	46.52	ug/l	-0.01
Spiked Amount 50.000			Recovery = 93.04%			
50) Toluene-d8	10.40	98	937371	43.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.82%			
62) 4-Bromofluorobenzene	13.55	95	406381	41.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	2597	Below Cal		89
3) Chloromethane	1.73	50	1122	Below Cal		91
5) Bromomethane	2.14	94	2381	Below Cal	#	20
11) Tert butyl alcohol	3.96	59	17041	32.228	ug/l #	77
13) Acrolein	2.95	56	398	2.494	ug/l #	17
15) Acrylonitrile	4.17	53	2257	1.931	ug/l #	31
16) Acetone	3.20	43	10969	4.957	ug/l #	92
18) Methyl Acetate	3.63	43	2529	Below Cal	#	63
36) 1,1-Dichloropropene	7.02	75	59338	5.287	ug/l #	46
37) Ethyl Acetate	6.14	43	12351	2.572	ug/l #	4
38) Carbon Tetrachloride	7.02	117	71448	4.190	ug/l #	13
51) 4-Methyl-2-Pentanone	10.29	43	6831	1.496	ug/l #	63
81) trans-1,4-Dichloro-2-buten	13.55	75	187944	107.119	ug/l #	1

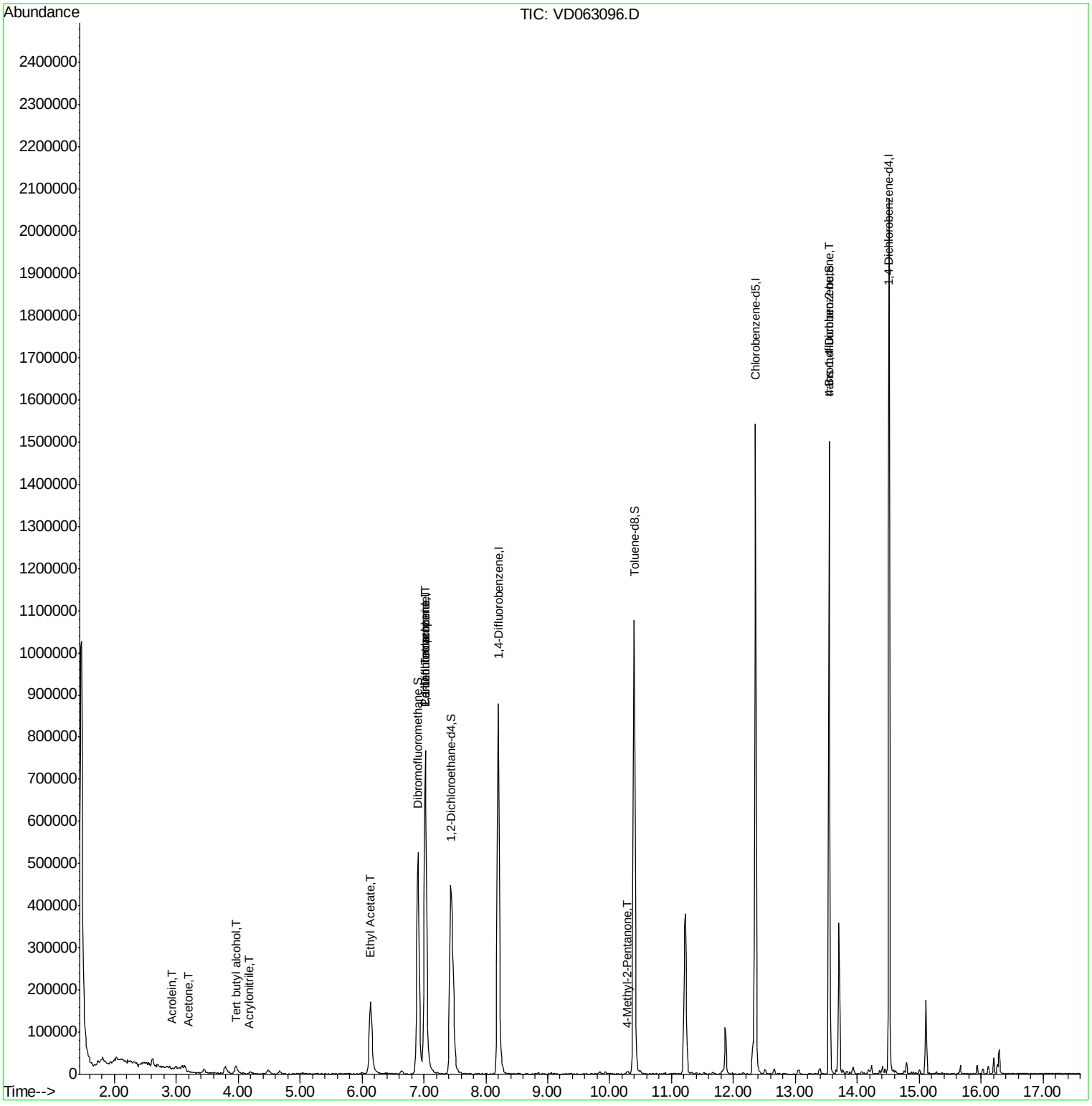
(#) = qualifier out of range (m) = manual integration (+) = signals summed

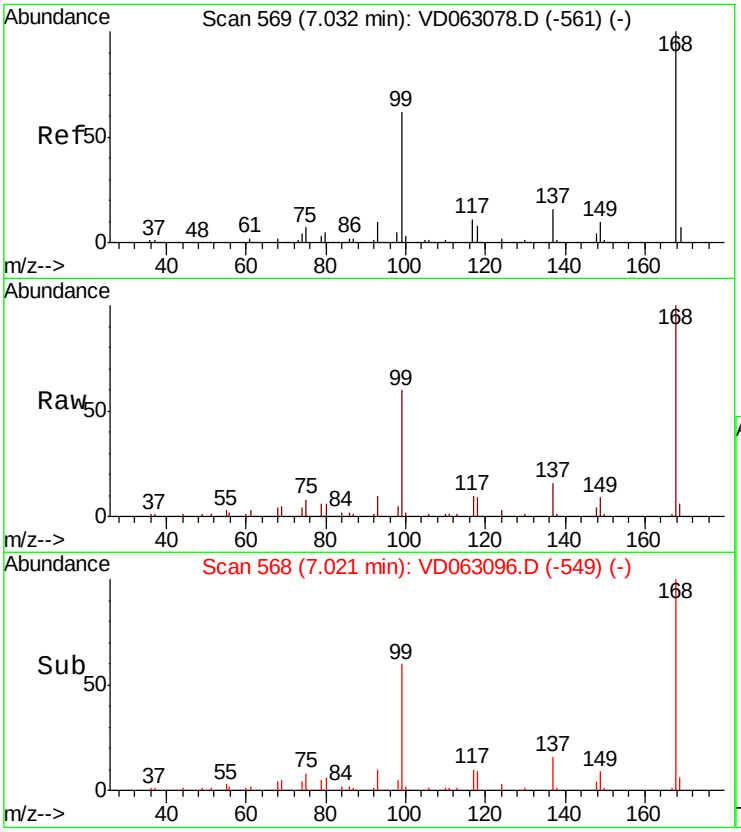
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071619\
Data File : VD063096.D
Acq On : 16 Jul 2019 10:27
Operator : VA/AP
Sample : VD0716SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0716SBL01

Quant Time: Jul 16 10:53:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration



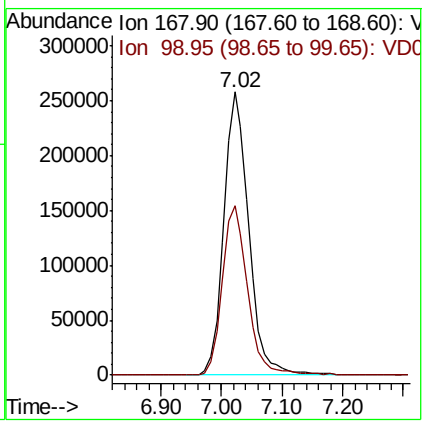


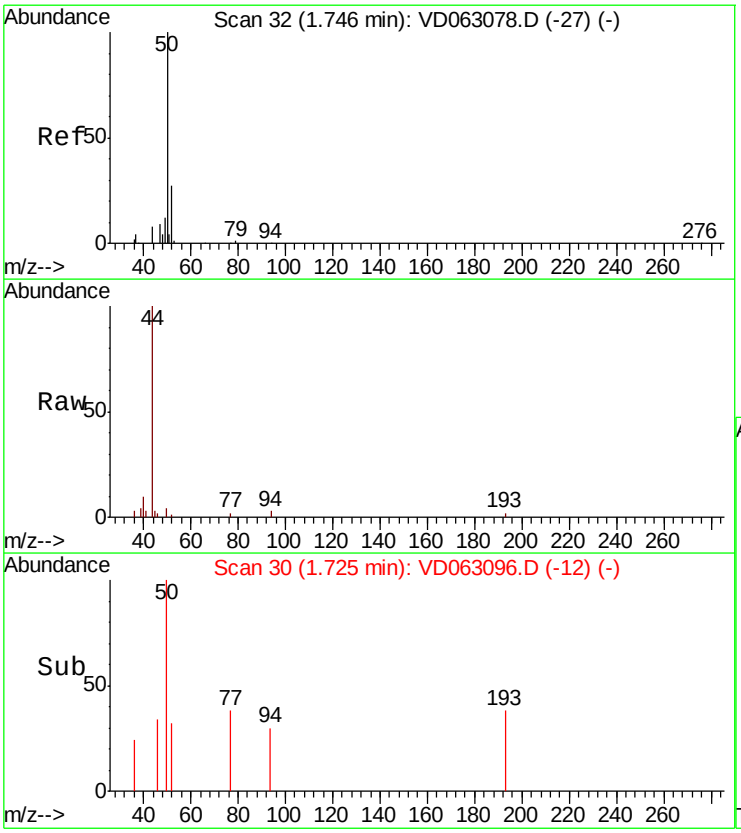
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.01 min
Lab File: VD063096.D
Acq: 16 Jul 2019 10:27

Instrument :
MSVOA_D
ClientSampleId :
VD0716SBL01

Tgt Ion:168 Resp: 735507

Ion	Ratio	Lower	Upper
168	100		
99	59.8	50.8	76.2

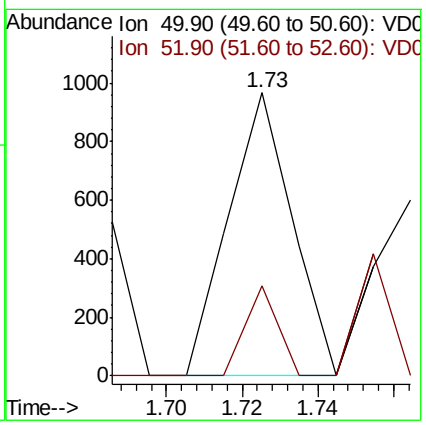


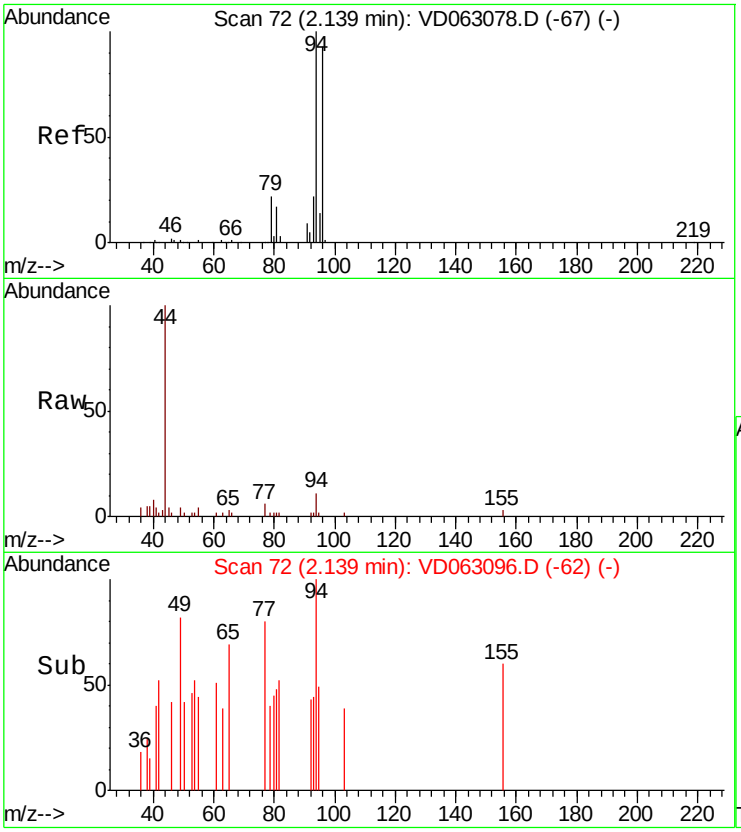


#3
Chloromethane
Concen: Below Cal
RT: 1.73 min Scan# 30
Delta R.T. -0.02 min
Lab File: VD063096.D
Acq: 16 Jul 2019 10:27

Tgt Ion: 50 Resp: 1122

Ion	Ratio	Lower	Upper
50	100		
52	31.6	21.4	32.2



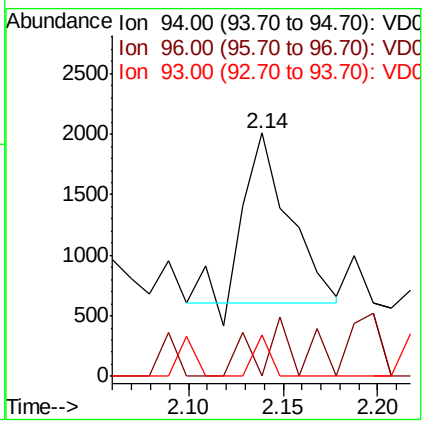


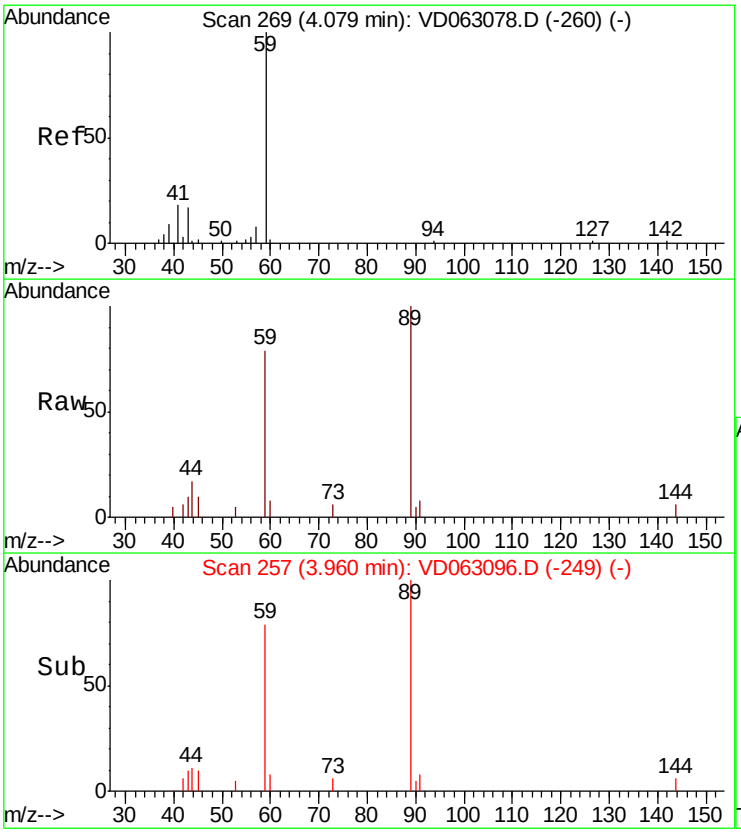
#5
Bromomethane
Concen: Below Cal
RT: 2.14 min Scan# 72
Delta R.T. -0.00 min
Lab File: VD063096.D
Acq: 16 Jul 2019 10:27

Instrument :
MSVOA_D
ClientSampleId :
VD0716SBL01

Tgt Ion: 94 Resp: 2381

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.2	111.2#
93	17.2	17.8	26.6#

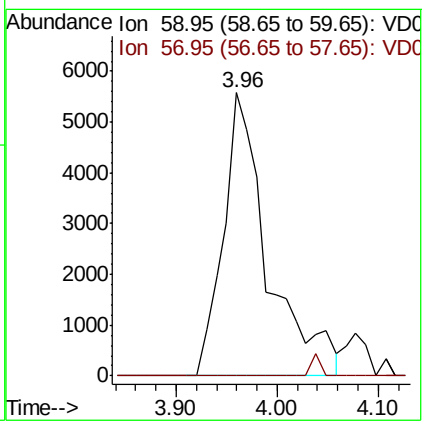


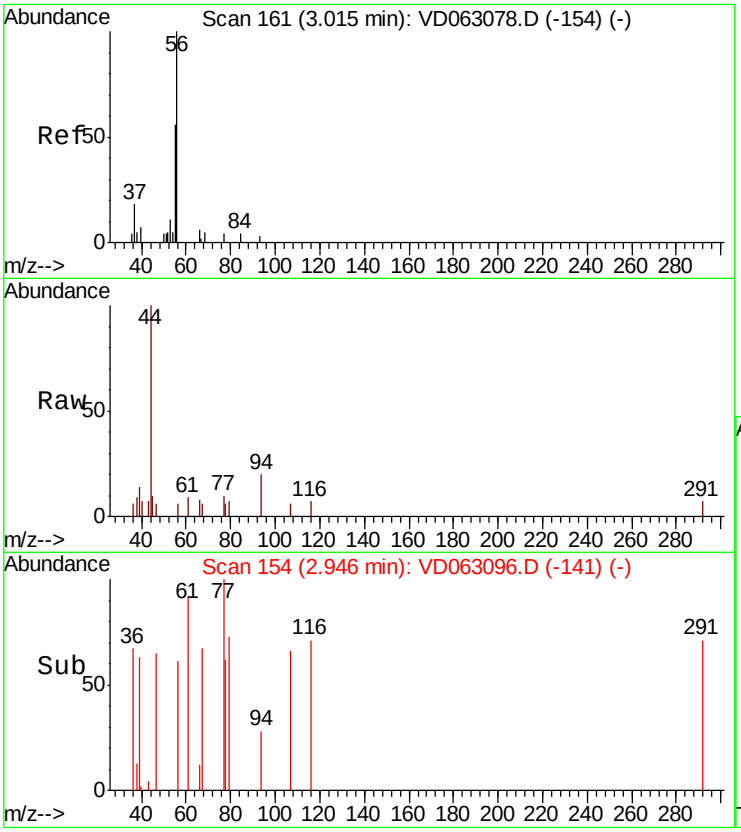


#11
Tert butyl alcohol
Concen: 32.228 ug/l
RT: 3.96 min Scan# 257
Delta R.T. -0.12 min
Lab File: VD063096.D
Acq: 16 Jul 2019 10:27

Tgt Ion: 59 Resp: 17041

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#



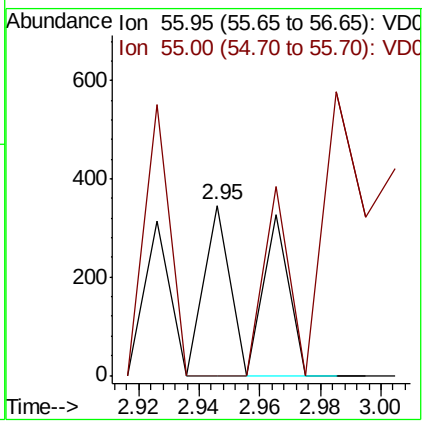


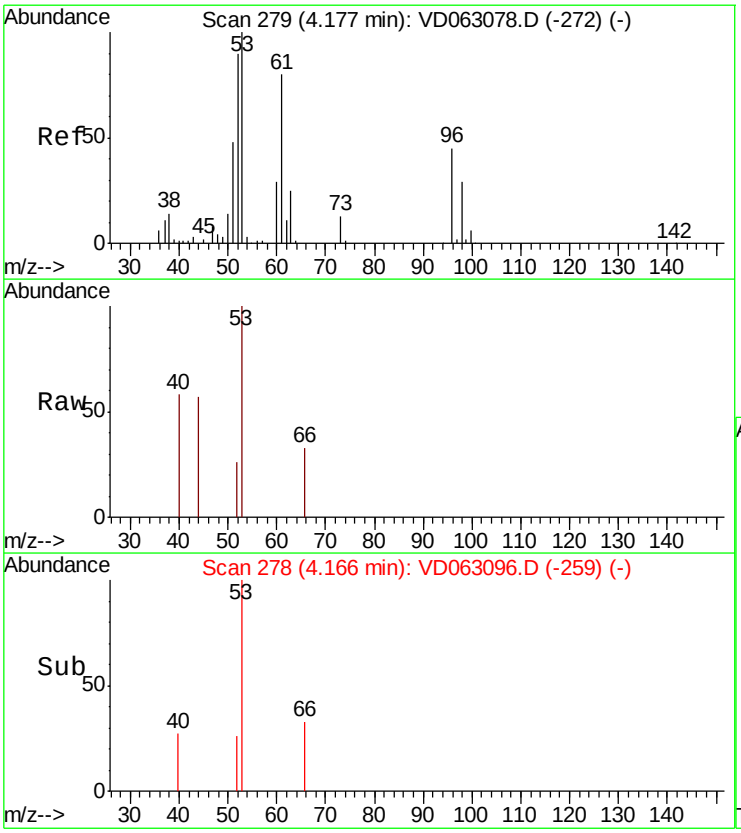
#13
Acrolein
Concen: 2.494 ug/l
RT: 2.95 min Scan# 154
Delta R.T. -0.07 min
Lab File: VD063096.D
Acq: 16 Jul 2019 10:27

Instrument : MSVOA_D
ClientSampleId : VD0716SBL01

Tgt Ion: 56 Resp: 398

Ion	Ratio	Lower	Upper
56	100		
55	0.0	53.0	79.4#

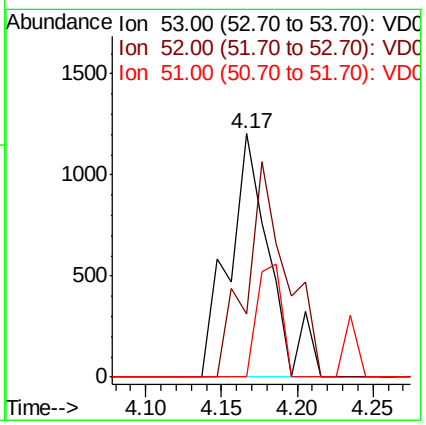


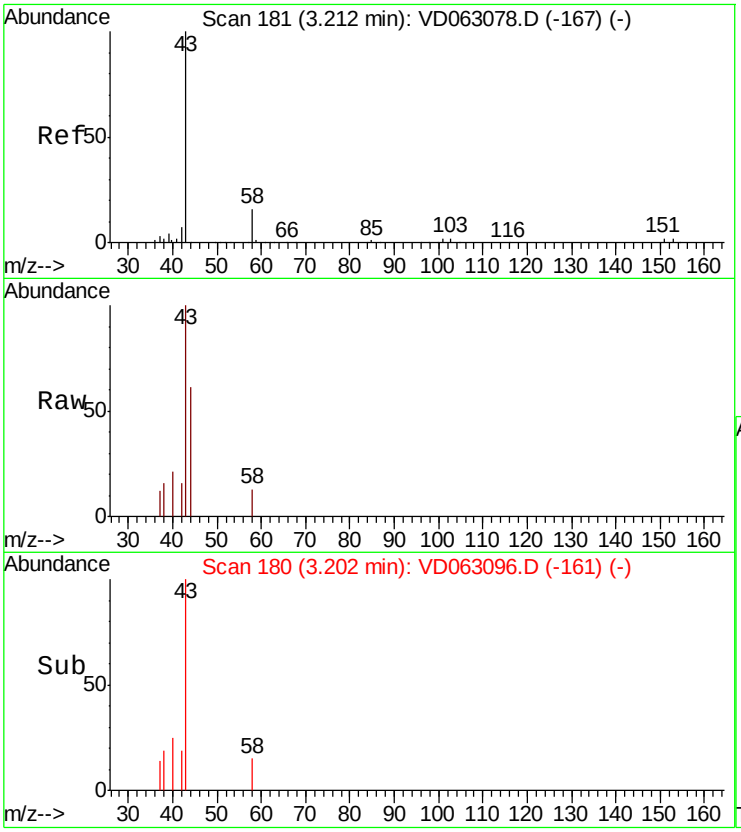


#15
Acrylonitrile
Concen: 1.931 ug/l
RT: 4.17 min Scan# 278
Delta R.T. -0.01 min
Lab File: VD063096.D
Acq: 16 Jul 2019 10:27

Tgt Ion: 53 Resp: 2257

Ion	Ratio	Lower	Upper
53	100		
52	26.1	72.3	108.5#
51	0.0	38.0	57.0#



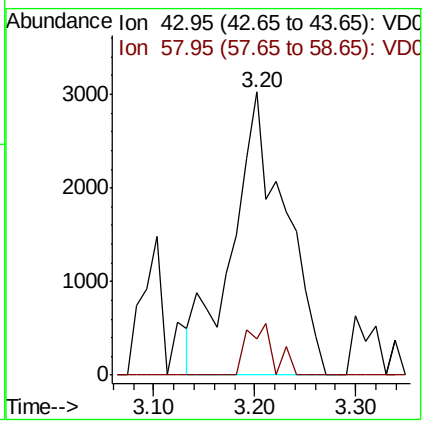


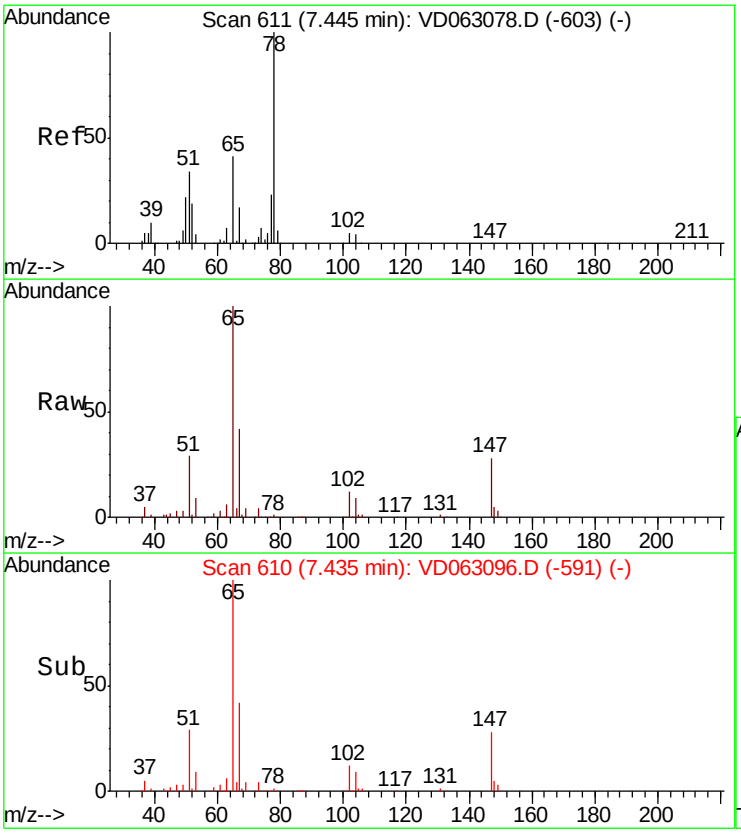
#16
Acetone
Concen: 4.957 ug/l
RT: 3.20 min Scan# 180
Delta R.T. -0.01 min
Lab File: VD063096.D
Acq: 16 Jul 2019 10:27

Instrument : MSVOA_D
ClientSampleId : VD0716SBL01

Tgt Ion: 43 Resp: 10969

Ion	Ratio	Lower	Upper
43	100		
58	12.6	13.0	19.4#

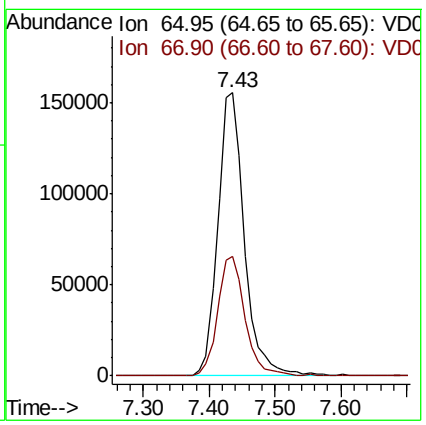


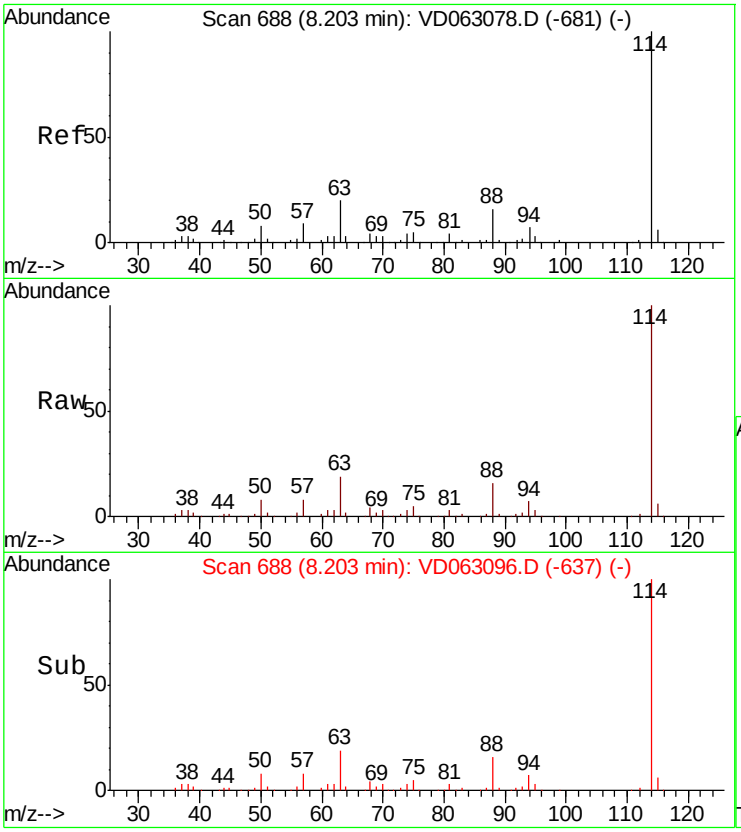


#33
1,2-Dichloroethane-d4
Concen: 47.507 ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.01 min
Lab File: VD063096.D
Acq: 16 Jul 2019 10:27

Tgt Ion: 65 Resp: 435263

Ion	Ratio	Lower	Upper
65	100		
67	42.3	0.0	86.0



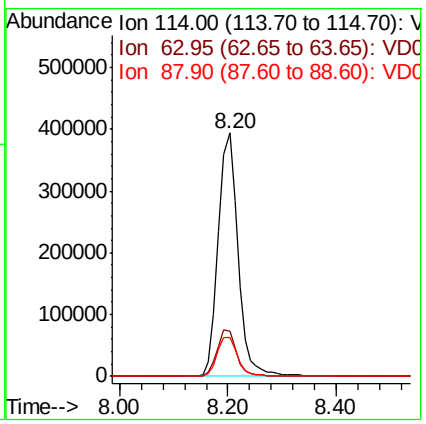


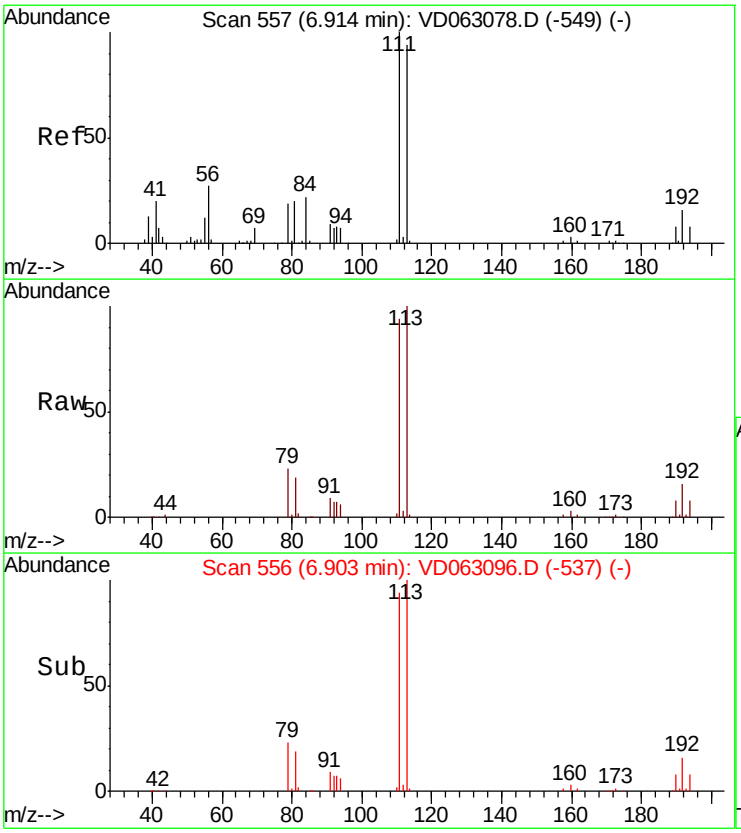
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 688
Delta R.T. -0.00 min
Lab File: VD063096.D
Acq: 16 Jul 2019 10:27

Instrument :
MSVOA_D
ClientSampleId :
VD0716SBL01

Tgt Ion:114 Resp: 997824

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	40.6
88	16.1	0.0	32.6

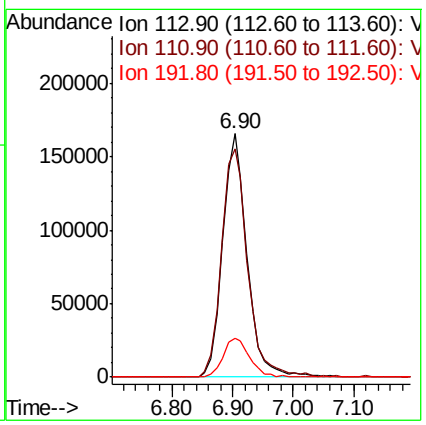


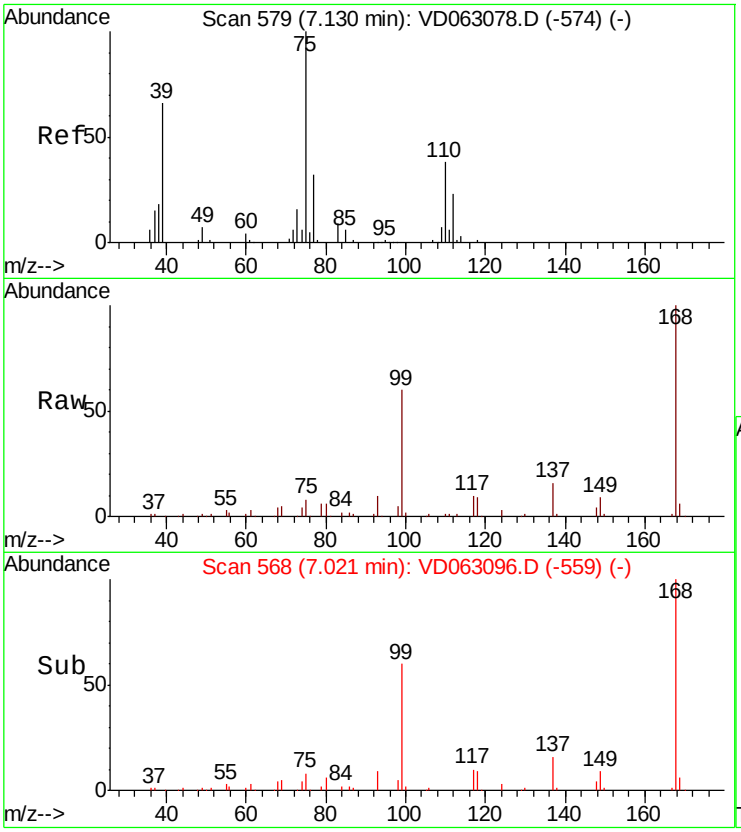


#35
Dibromofluoromethane
Concen: 46.524 ug/l
RT: 6.90 min Scan# 556
Delta R.T. -0.01 min
Lab File: VD063096.D
Acq: 16 Jul 2019 10:27

Tgt Ion:113 Resp: 462377

Ion	Ratio	Lower	Upper
113	100		
111	93.5	84.8	127.2
192	15.9	13.4	20.0



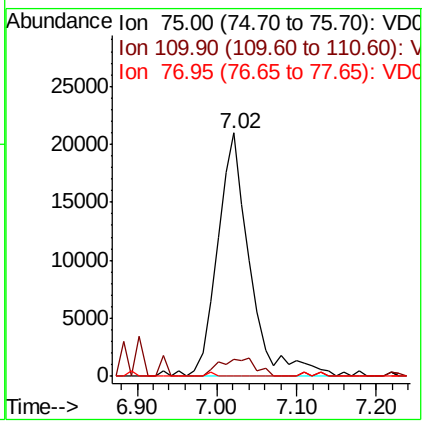


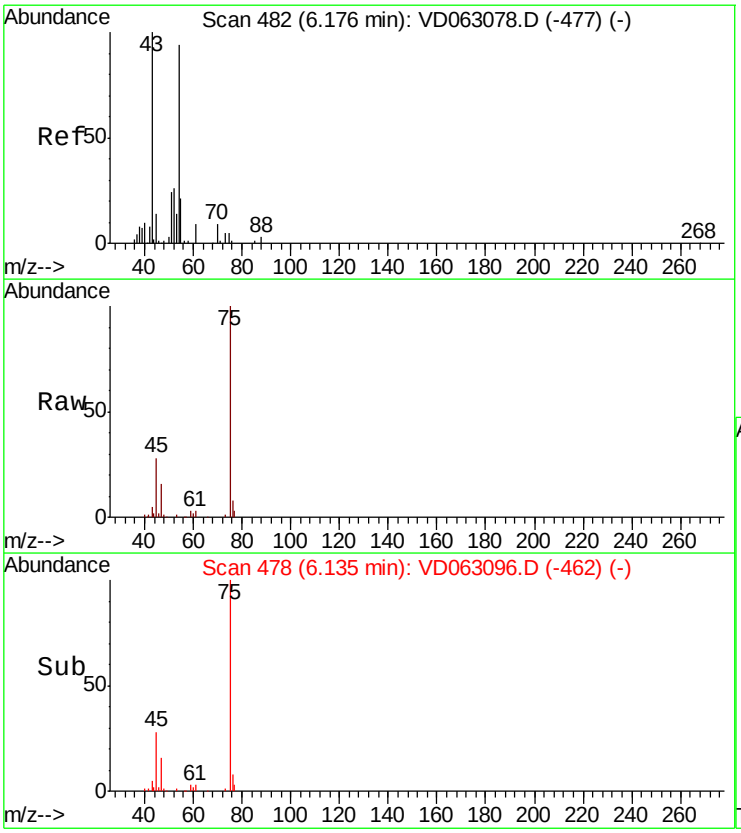
#36
1,1-Dichloropropene
Concen: 5.287 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.11 min
Lab File: VD063096.D
Acq: 16 Jul 2019 10:27

Instrument :
MSVOA_D
ClientSampleId :
VD0716SBL01

Tgt Ion: 75 Resp: 59338

Ion	Ratio	Lower	Upper
75	100		
110	7.0	18.9	56.5#
77	0.0	25.2	37.8#

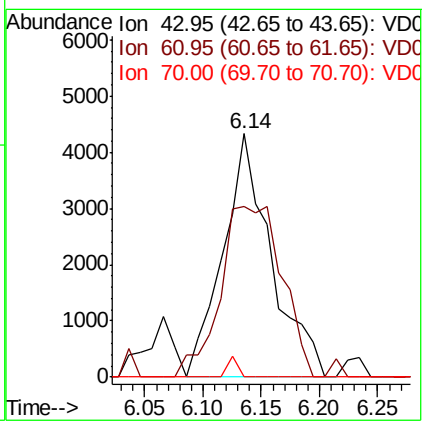


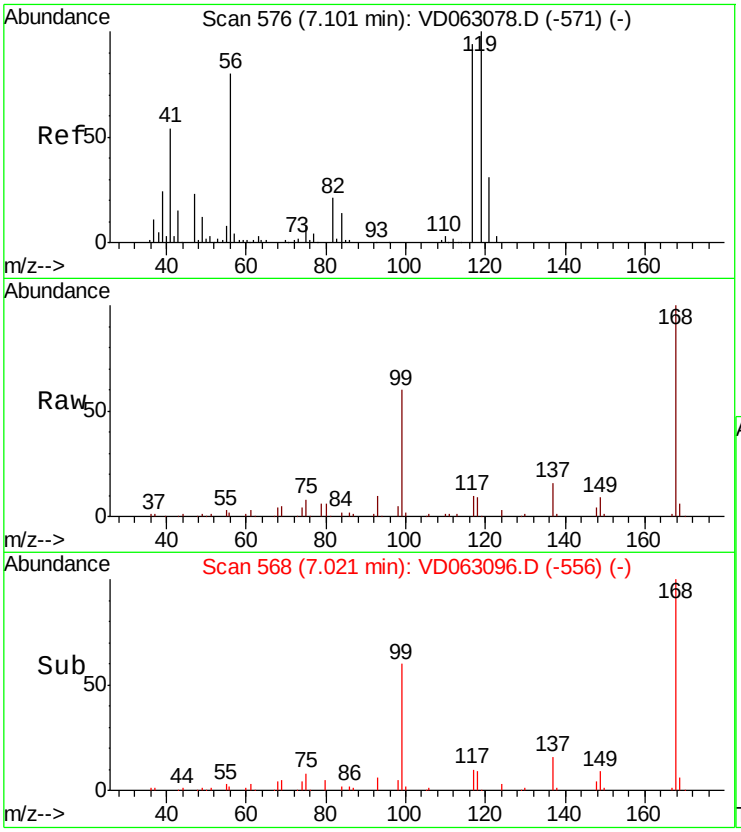


#37
Ethyl Acetate
Concen: 2.572 ug/l
RT: 6.14 min Scan# 478
Delta R.T. -0.04 min
Lab File: VD063096.D
Acq: 16 Jul 2019 10:27

Tgt Ion: 43 Resp: 12351

Ion	Ratio	Lower	Upper
43	100		
61	69.9	10.6	16.0#
70	0.0	6.6	9.8#



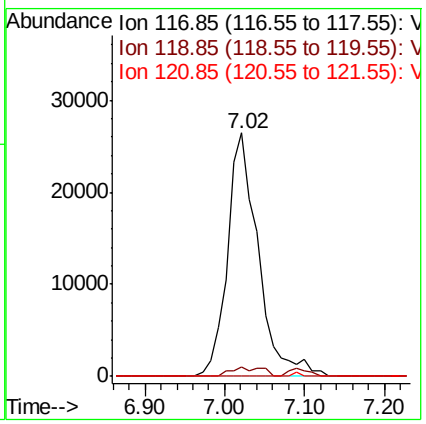


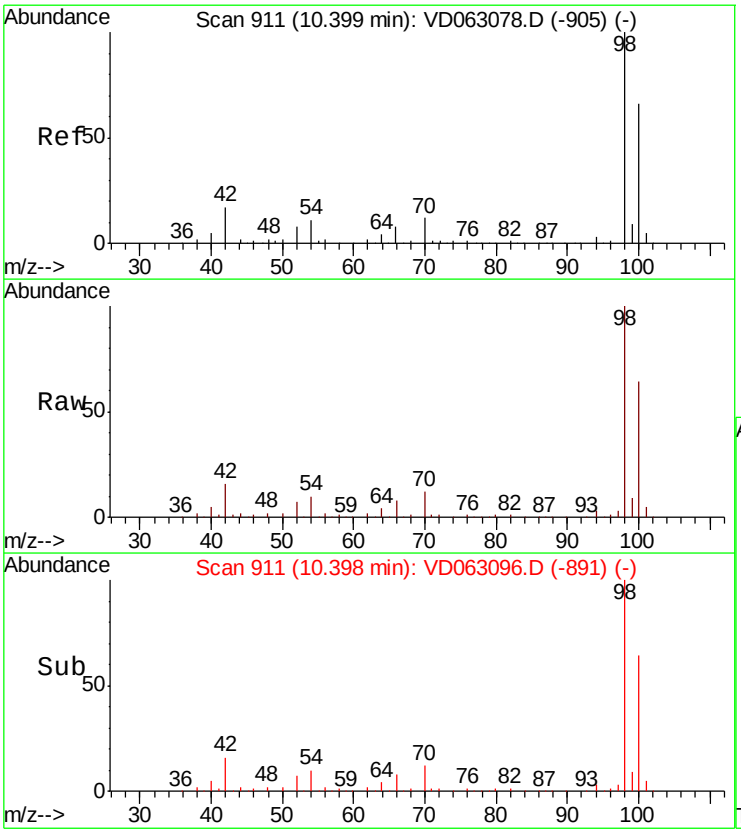
#38
Carbon Tetrachloride
Concen: 4.190 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.08 min
Lab File: VD063096.D
Acq: 16 Jul 2019 10:27

Instrument : MSVOA_D
ClientSampleId : VD0716SBL01

Tgt Ion:117 Resp: 71448

Ion	Ratio	Lower	Upper
117	100		
119	3.7	80.0	120.0#
121	0.0	25.0	37.4#

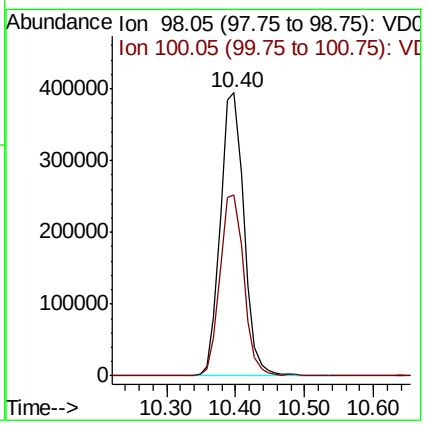


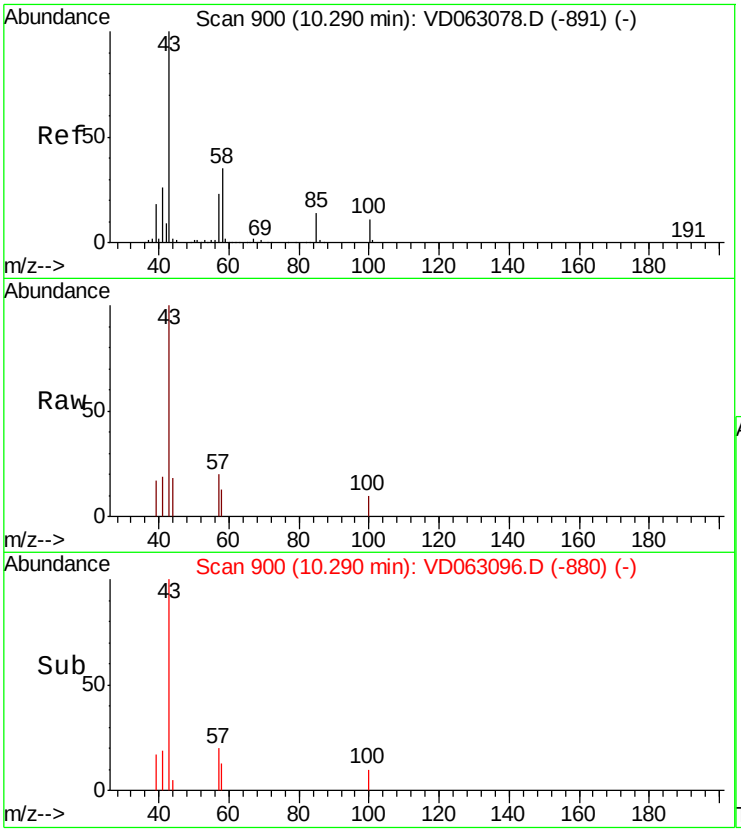


#50
Toluene-d8
Concen: 43.909 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.00 min
Lab File: VD063096.D
Acq: 16 Jul 2019 10:27

Tgt Ion: 98 Resp: 937371

Ion	Ratio	Lower	Upper
98	100		
100	63.9	53.5	80.3



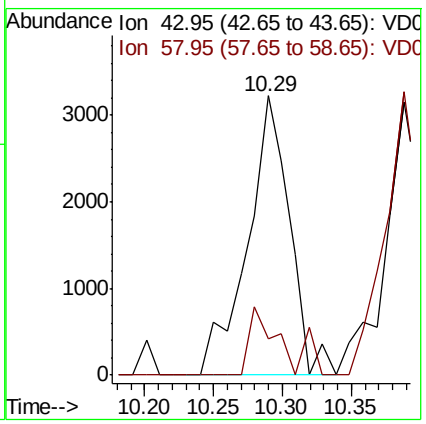


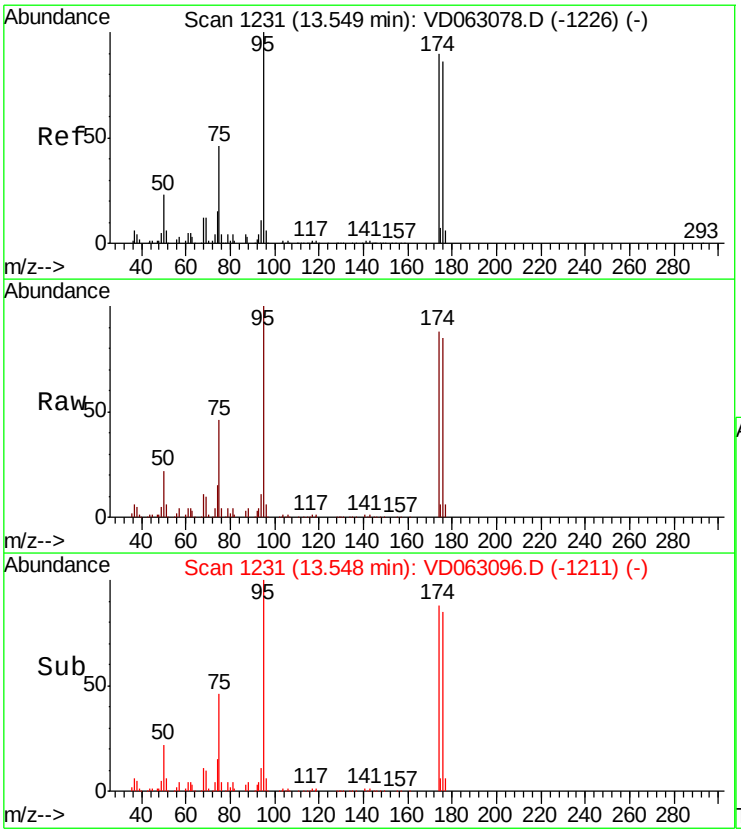
#51
4-Methyl-2-Pentanone
Concen: 1.496 ug/l
RT: 10.29 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD063096.D
Acq: 16 Jul 2019 10:27

Instrument : MSVOA_D
ClientSampleId : VD0716SBL01

Tgt Ion: 43 Resp: 6831

Ion	Ratio	Lower	Upper
43	100		
58	13.2	27.8	41.6#

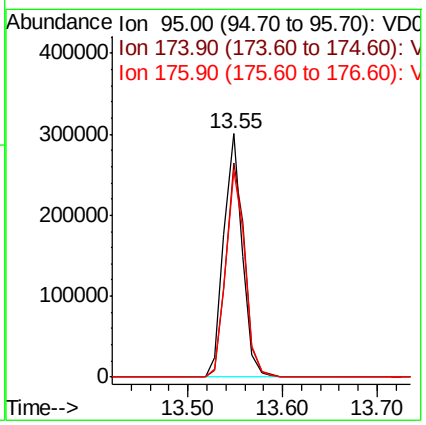


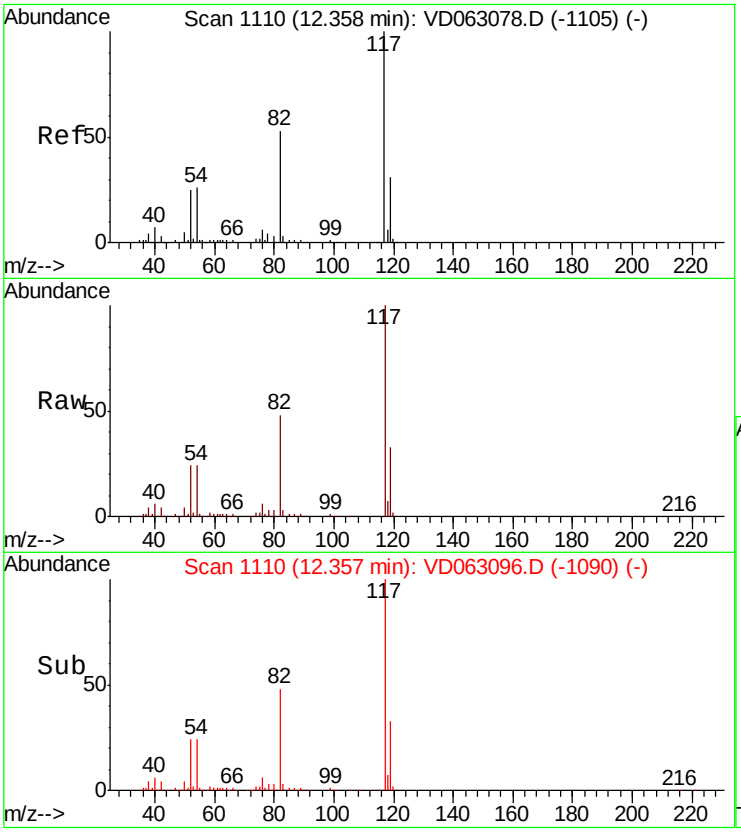


#62
4-Bromofluorobenzene
Concen: 41.147 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD063096.D
Acq: 16 Jul 2019 10:27

Tgt Ion: 95 Resp: 406381

Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	180.6
176	84.7	0.0	172.2



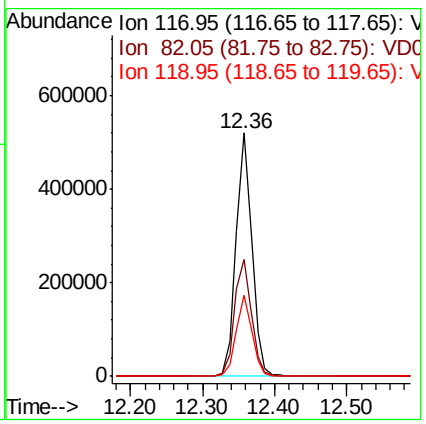


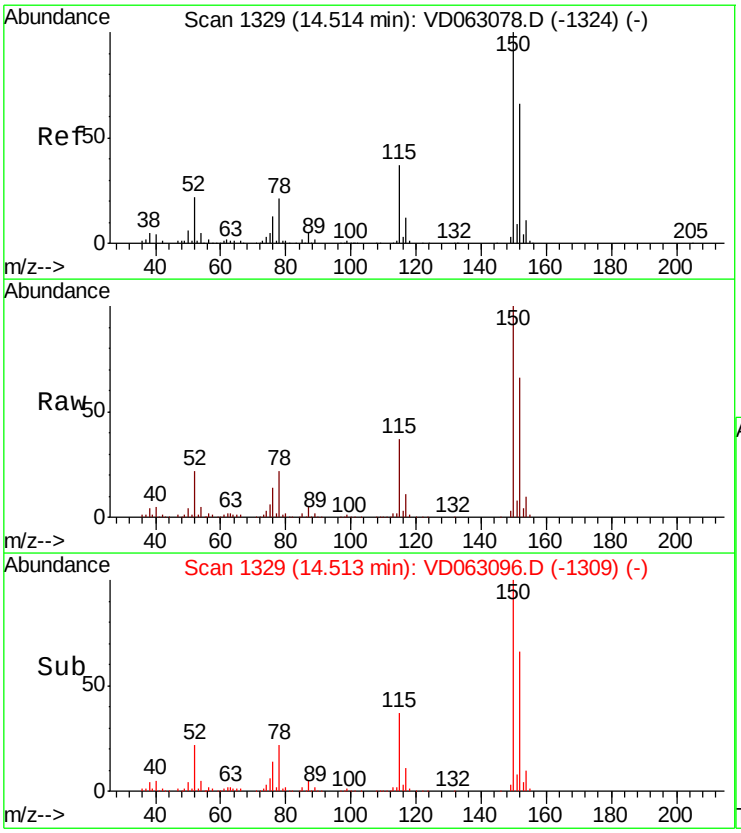
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD063096.D
Acq: 16 Jul 2019 10:27

Instrument : MSVOA_D
ClientSampleId : VD0716SBL01

Tgt Ion:117 Resp: 813941

Ion	Ratio	Lower	Upper
117	100		
82	48.0	42.3	63.5
119	33.1	25.2	37.8

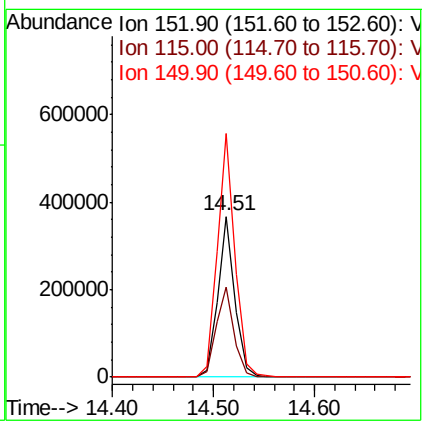


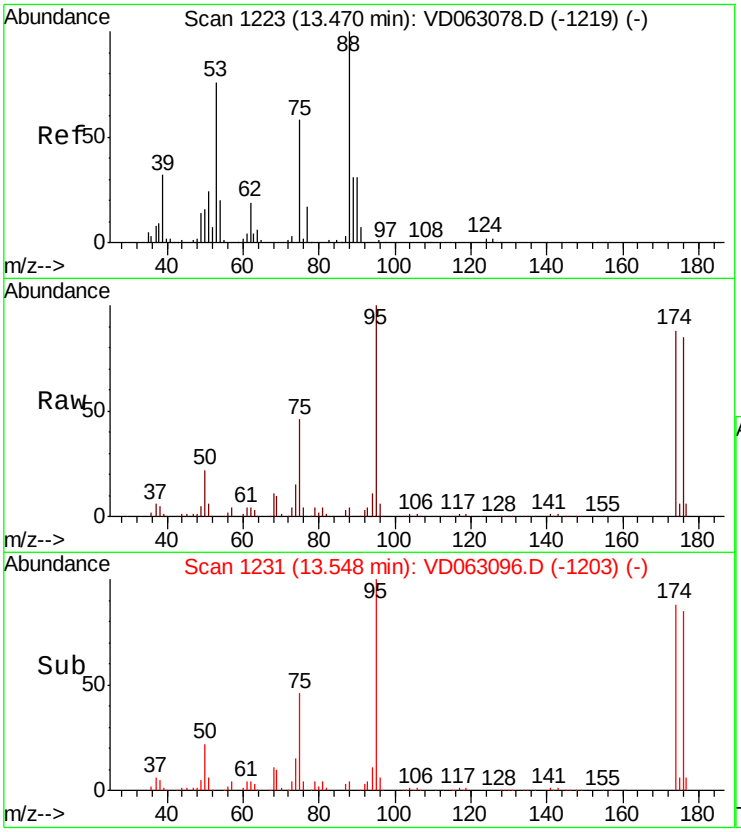


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD063096.D
Acq: 16 Jul 2019 10:27

Tgt Ion:152 Resp: 433123

Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.9	86.8
150	151.7	0.0	313.8





#81
trans-1,4-Dichloro-2-butene
Concen: 107.119 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. 0.08 min
Lab File: VD063096.D
Acq: 16 Jul 2019 10:27

Instrument :
MSVOA_D
ClientSampleId :
VD0716SBL01

Tgt Ion: 75 Resp: 187944

Ion	Ratio	Lower	Upper
75	100		
53	0.0	104.4	156.6#
89	0.0	43.1	64.7#