Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071719\
Data File : VD063127.D
Acq On : 17 Jul 2019 13:15
Operator : VA/AP
Sample : K3622-07RE
Misc : 6.48g/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Jul 18 06:55:37 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	7.03	168	41615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	63991	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	56314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	24865	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	38782	74.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 149.62%			
35) Dibromofluoromethane	6.92	113	32556	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.16%			
50) Toluene-d8	10.40	98	53394	39.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.00%			
62) 4-Bromofluorobenzene	13.55	95	24901	39.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.62%			
Target Compounds						Qvalue
3) Chloromethane	1.74	50	308	Below Cal	#	48
5) Bromomethane	2.14	94	2091	9.705	ug/l #	13
6) Chloroethane	2.30	64	233	1.129	ug/l #	47
8) Diethyl Ether	2.85	74	260	2.056	ug/l	82
11) Tert butyl alcohol	4.06	59	194	6.485	ug/l #	77
13) Acrolein	2.89	56	382	42.306	ug/l #	17
16) Acetone	3.21	43	1706	13.625	ug/l #	62
18) Methyl Acetate	3.63	43	767	Below Cal	#	63
20) Methylene Chloride	3.81	84	1109	2.344	ug/l #	25
25) 2-Butanone	6.02	43	183	1.531	ug/l #	61
29) Tetrahydrofuran	6.42	42	204	3.764	ug/l #	33
31) Cyclohexane	7.02	56	608	1.232	ug/l #	1
37) Ethyl Acetate	6.13	43	1533	4.977	ug/l #	71
38) Carbon Tetrachloride	7.04	117	4506	4.120	ug/l #	10
49) 1,4-Dioxane	9.31	88	382	152.778	ug/l #	27
51) 4-Methyl-2-Pentanone	10.43	43	324	1.106	ug/l #	40
76) 1,2,3-Trichloropropane	13.55	75	10154	26.547	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.55	75	14245	141.424	ug/l #	1
95) Naphthalene	16.12	128	2117	2.225	ug/l #	69

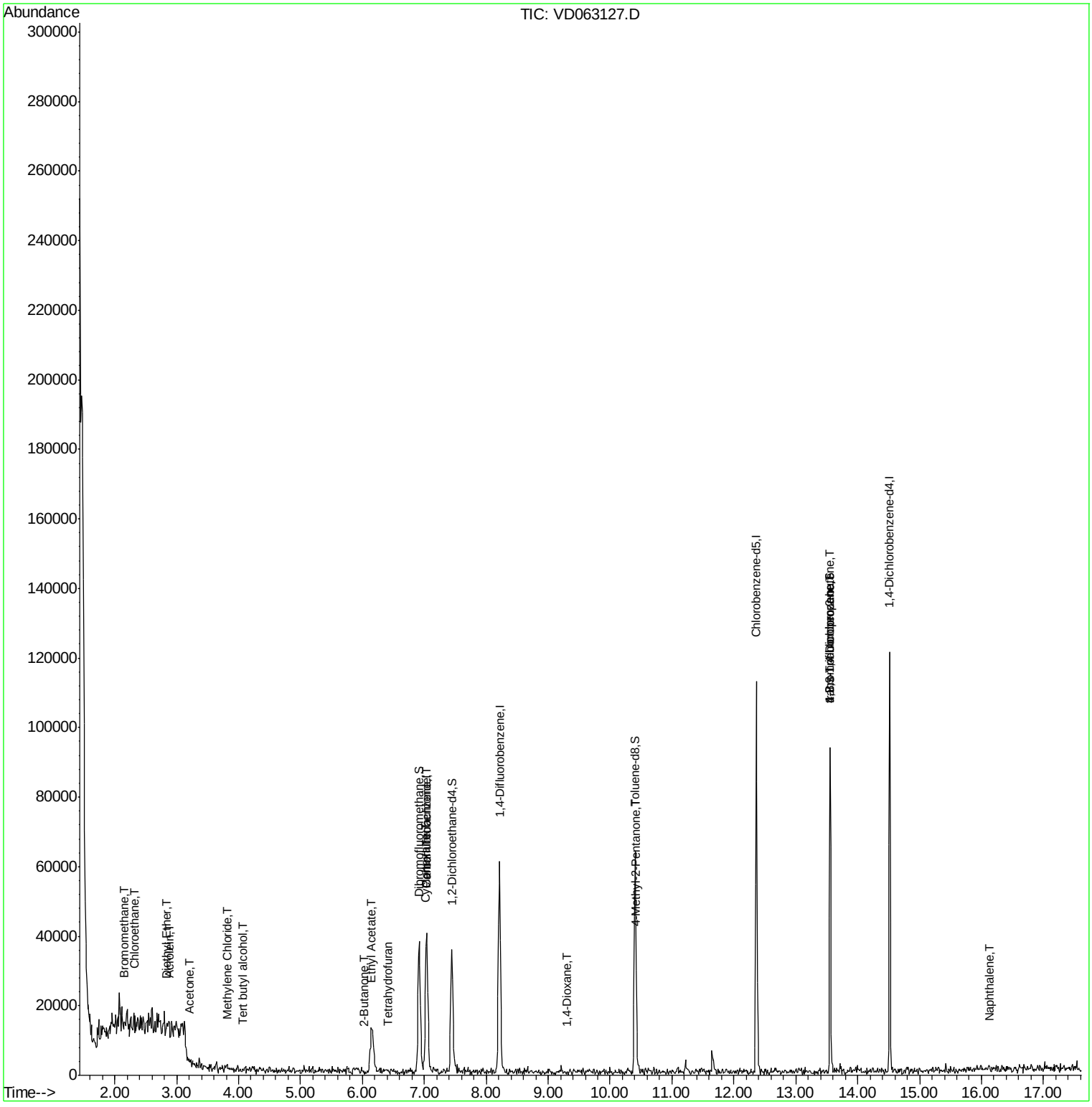
(#) = qualifier out of range (m) = manual integration (+) = signals summed

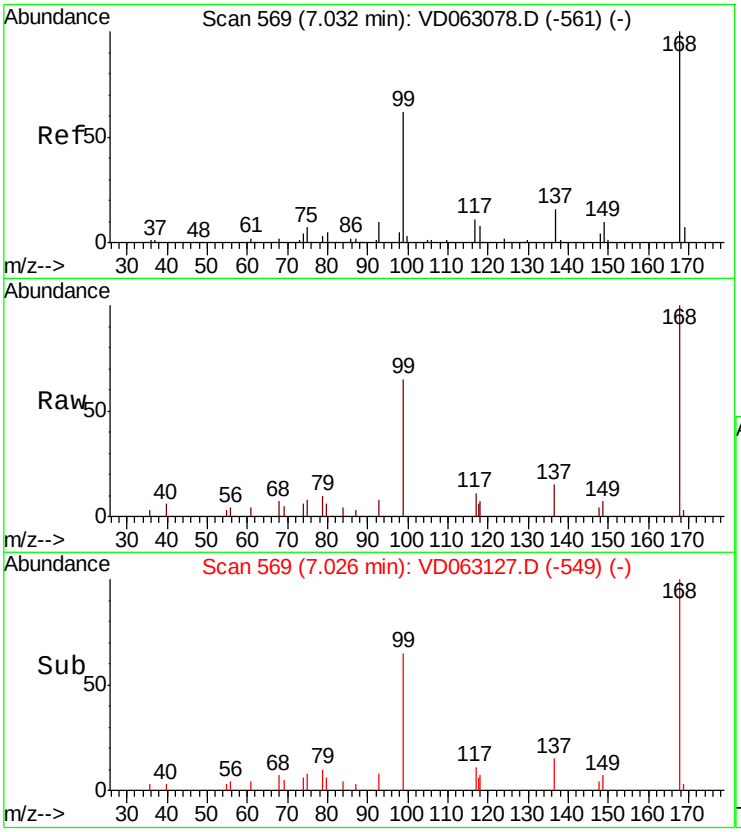
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071719\
Data File : VD063127.D
Acq On : 17 Jul 2019 13:15
Operator : VA/AP
Sample : K3622-07RE
Misc : 6.48g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jul 18 06:55:37 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



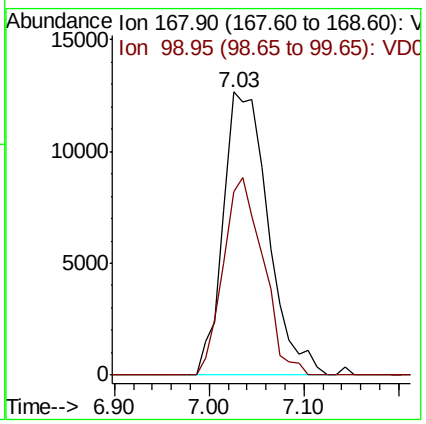


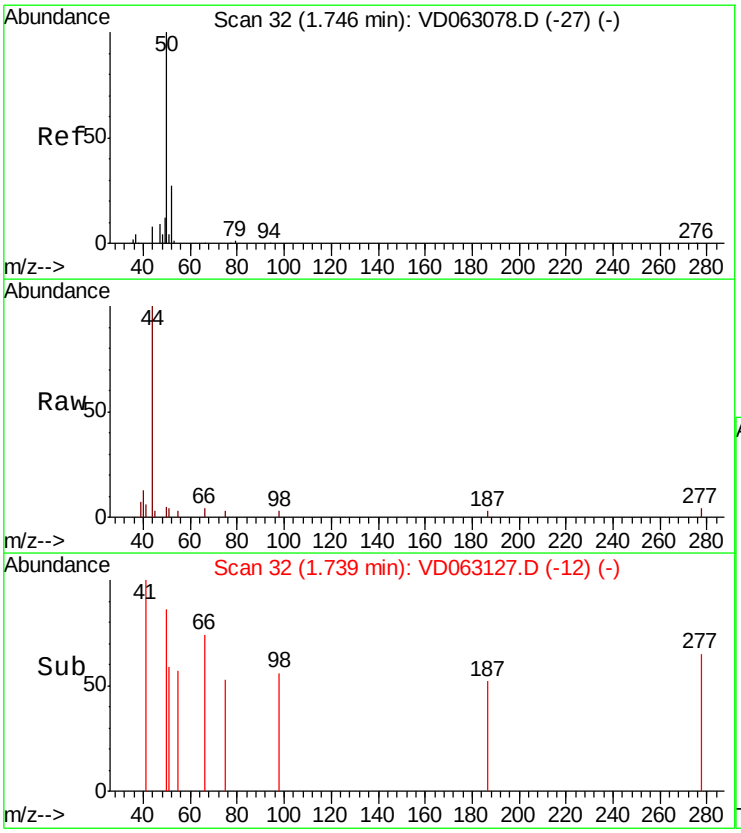
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.01 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 41615

Ion	Ratio	Lower	Upper
168	100		
99	64.7	50.8	76.2

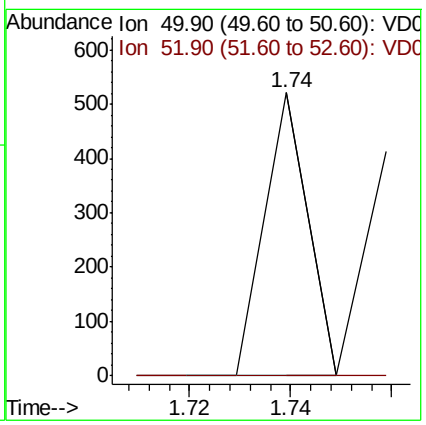


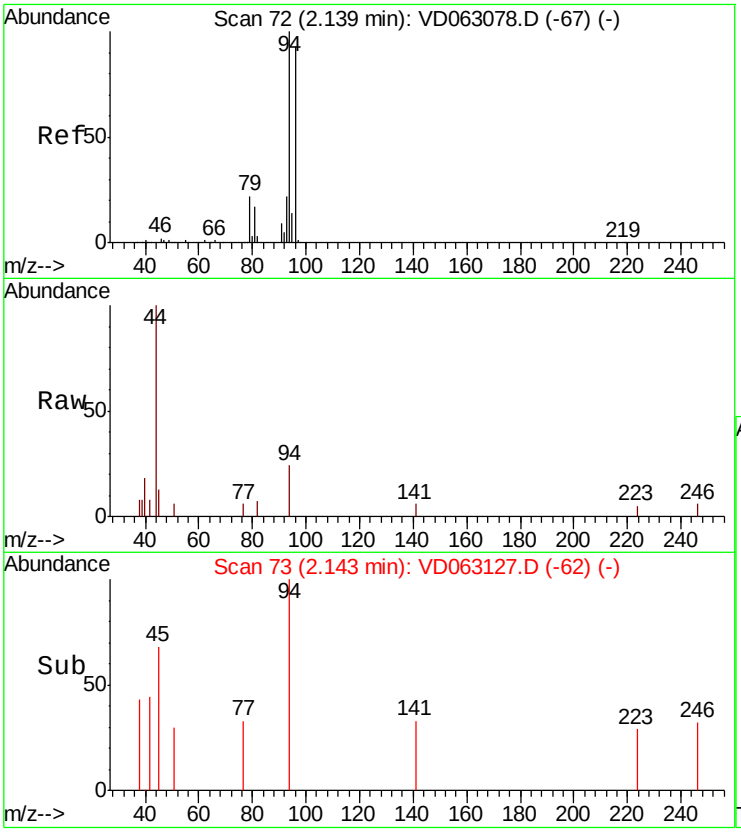


#3
Chloromethane
Concen: Below Cal
RT: 1.74 min Scan# 32
Delta R.T. -0.01 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Tgt Ion: 50 Resp: 308

Ion	Ratio	Lower	Upper
50	100		
52	0.0	21.4	32.2#



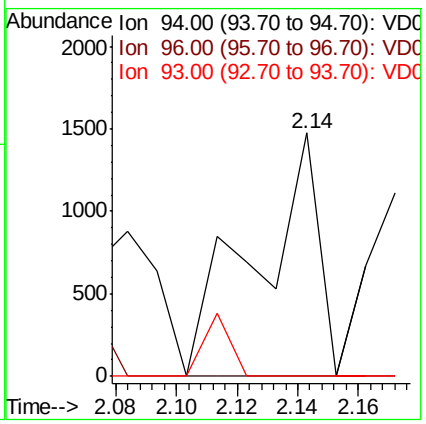


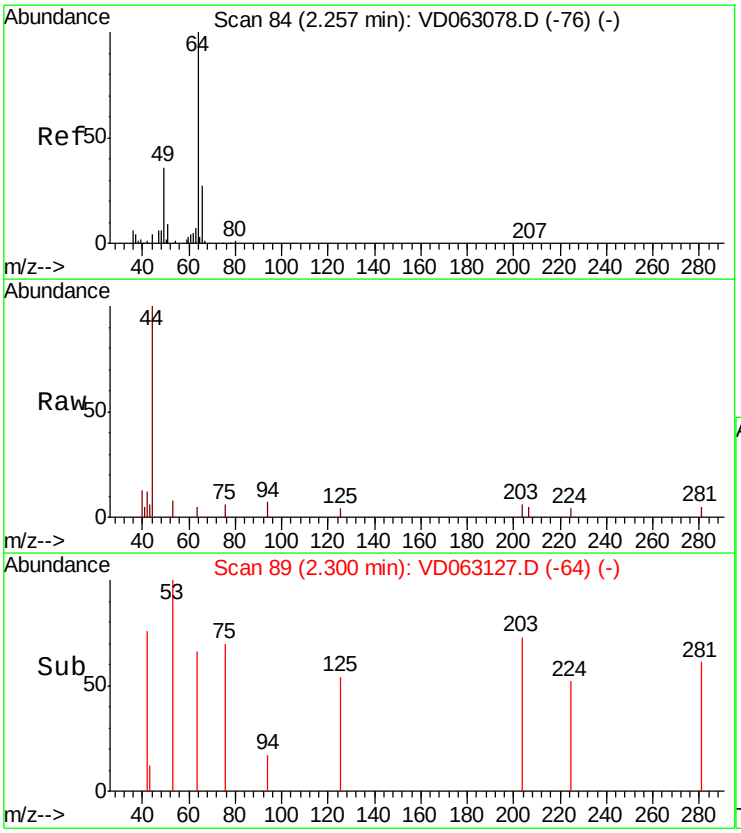
#5
Bromomethane
Concen: 9.705 ug/l
RT: 2.14 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 94 Resp: 2091

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

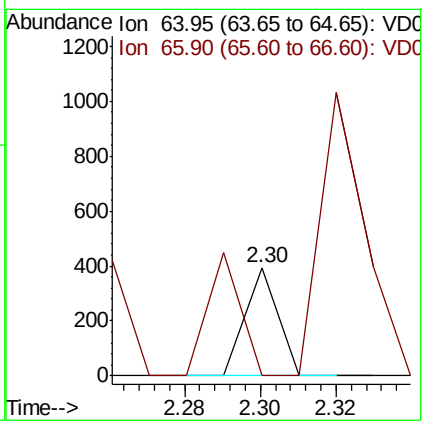


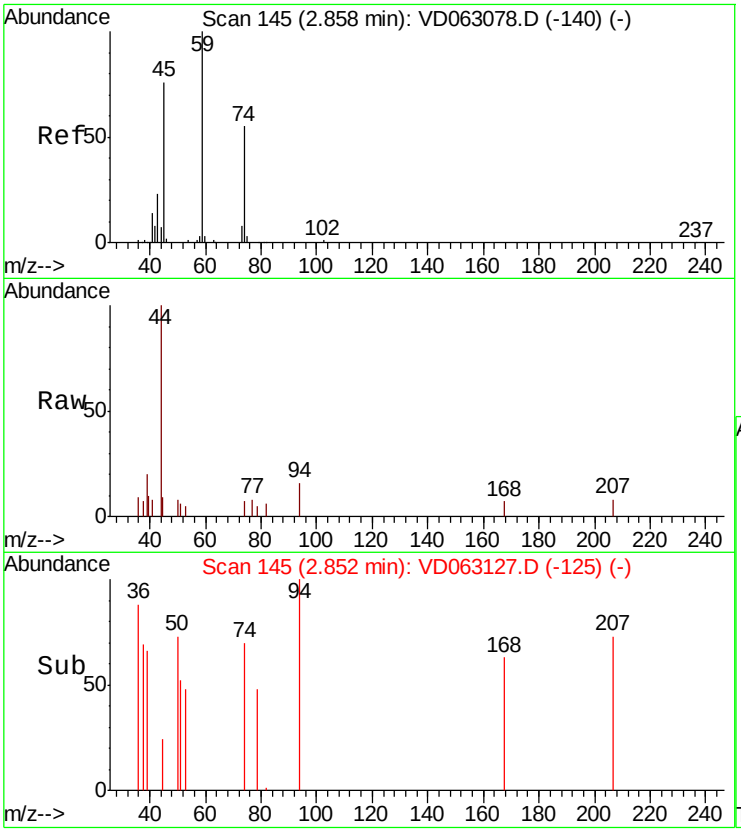


#6
Chloroethane
Concen: 1.129 ug/l
RT: 2.30 min Scan# 89
Delta R.T. 0.04 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Tgt Ion: 64 Resp: 233

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.5	33.7#



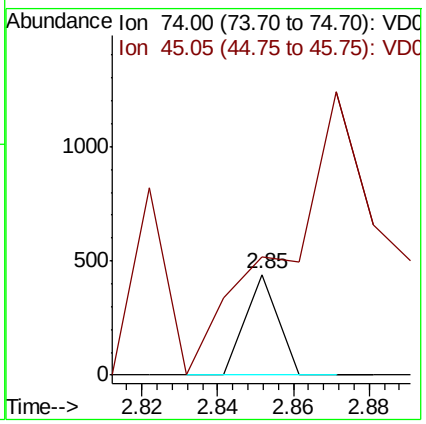


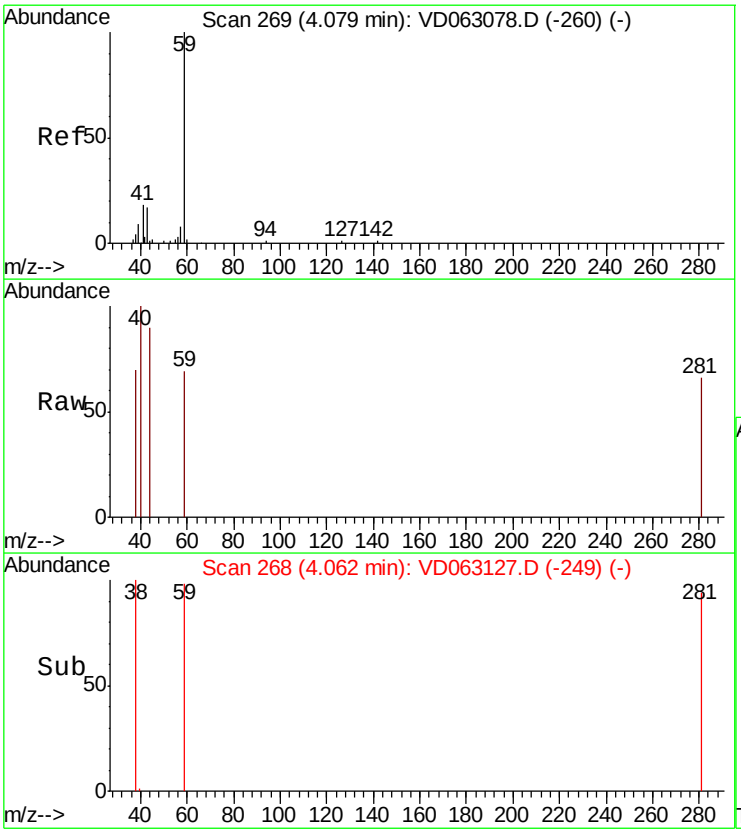
#8
Diethyl Ether
Concen: 2.056 ug/l
RT: 2.85 min Scan# 145
Delta R.T. -0.01 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 74 Resp: 260

Ion	Ratio	Lower	Upper
74	100		
45	117.7	69.5	208.7

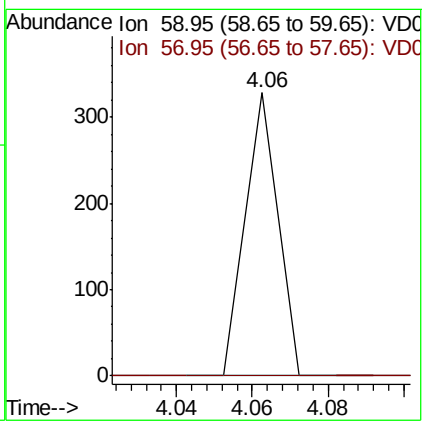


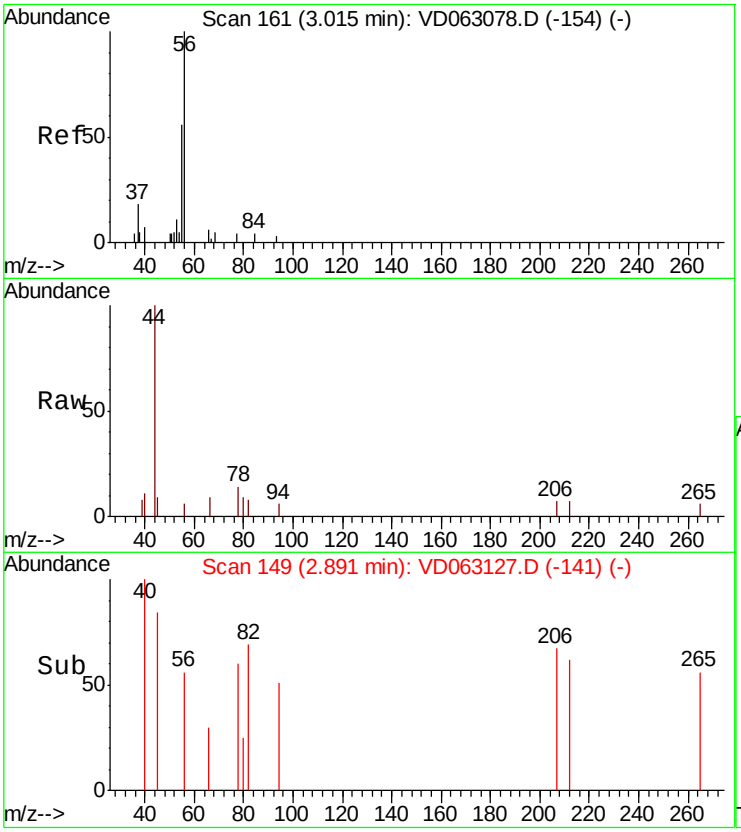


#11
Tert butyl alcohol
Concen: 6.485 ug/l
RT: 4.06 min Scan# 268
Delta R.T. -0.02 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Tgt Ion: 59 Resp: 194

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#



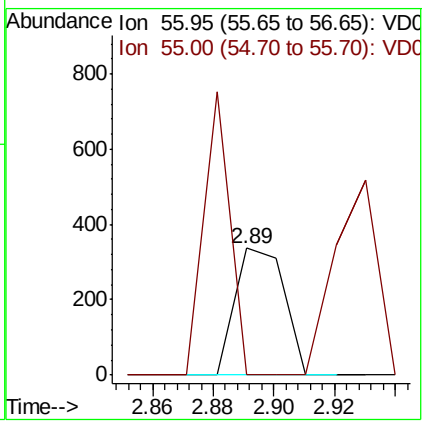


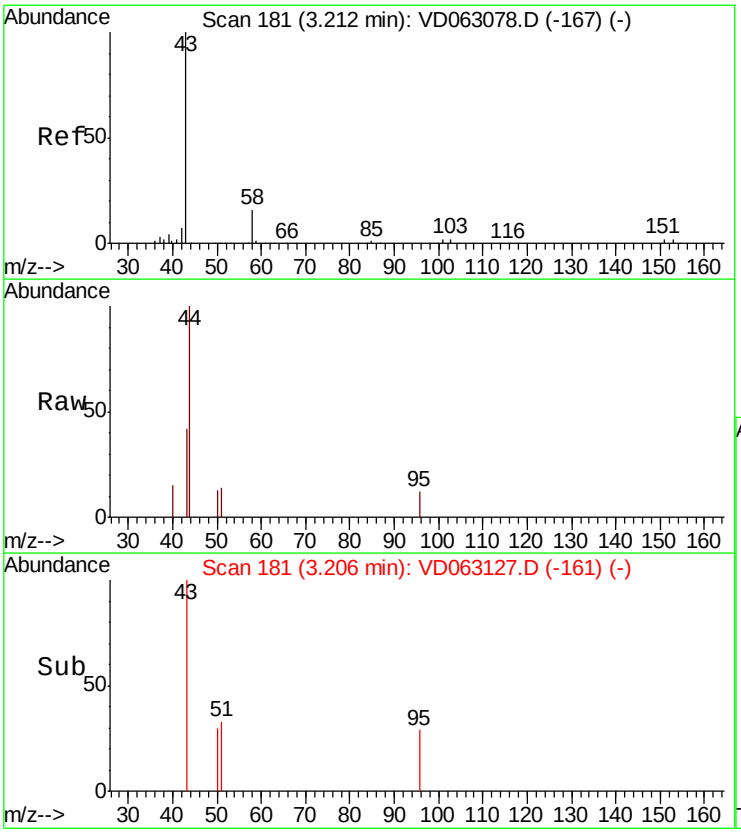
#13
Acrolein
Concen: 42.306 ug/l
RT: 2.89 min Scan# 149
Delta R.T. -0.12 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 382

Ion	Ratio	Lower	Upper
56	100		
55	0.0	53.0	79.4#

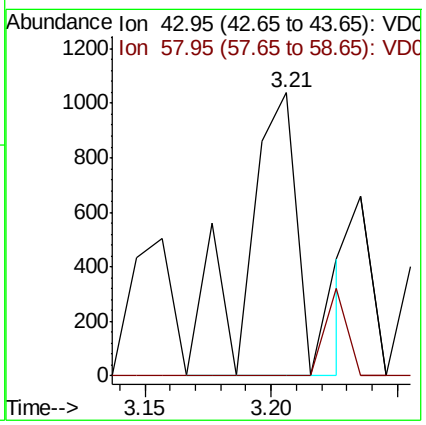


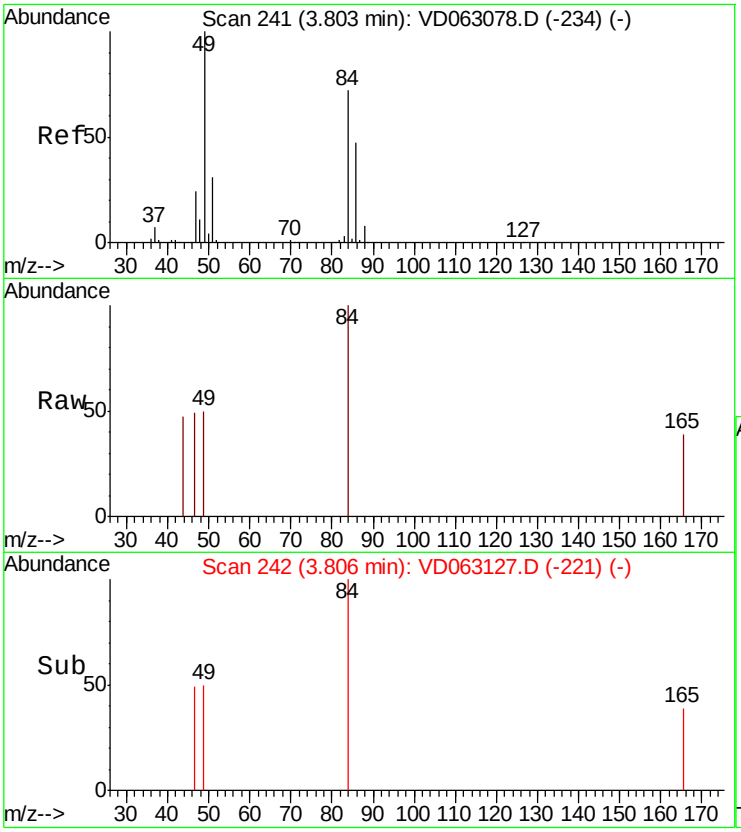


#16
Acetone
Concen: 13.625 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.01 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Tgt Ion: 43 Resp: 1706

Ion	Ratio	Lower	Upper
43	100		
58	0.0	13.0	19.4#



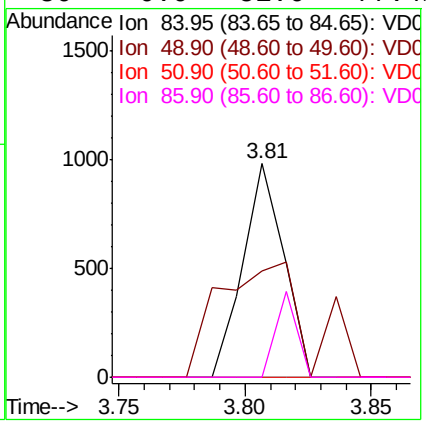


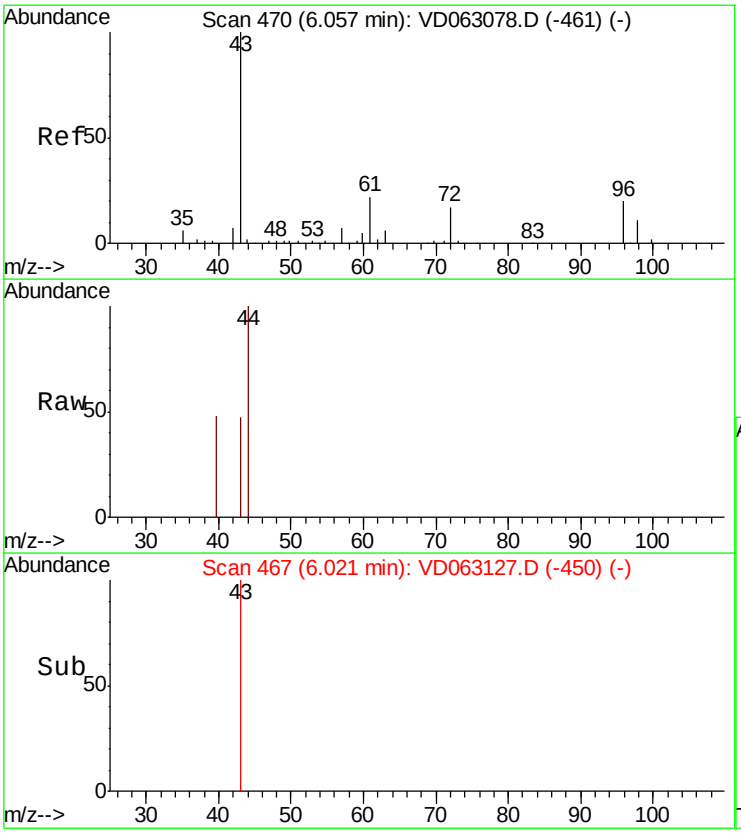
#20
Methylene Chloride
Concen: 2.344 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.00 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 1109

Ion	Ratio	Lower	Upper
84	100		
49	49.6	110.5	165.7#
51	0.0	34.6	51.8#
86	0.0	51.6	77.4#

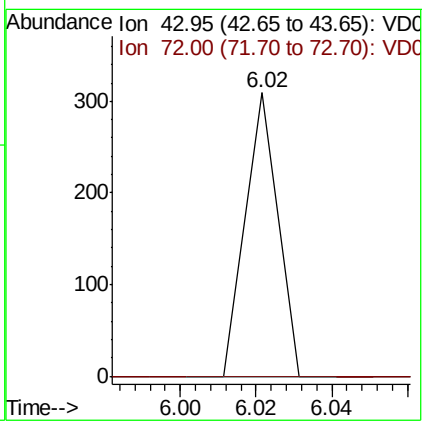


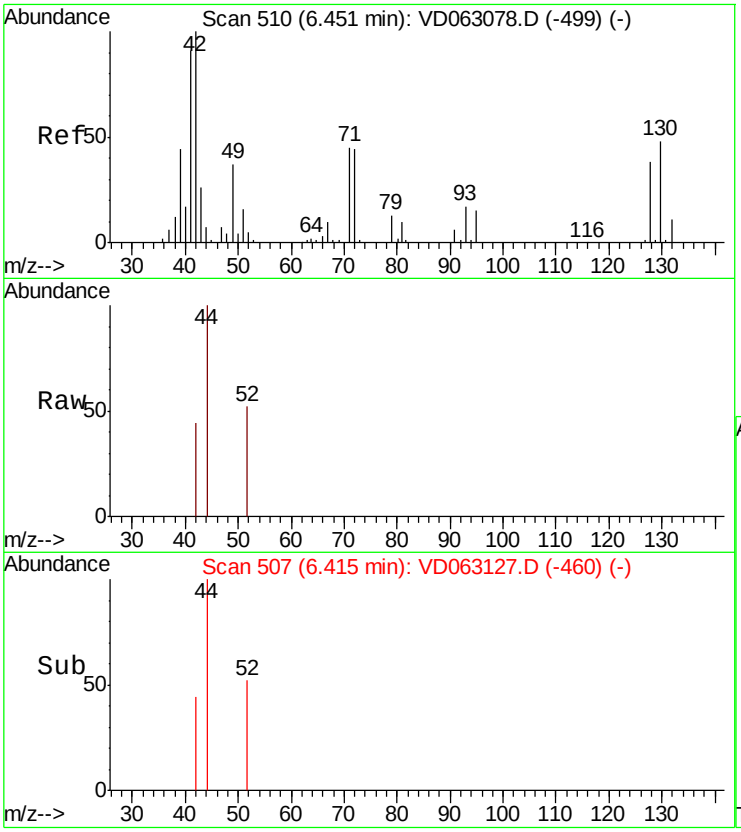


#25
2-Butanone
Concen: 1.531 ug/l
RT: 6.02 min Scan# 467
Delta R.T. -0.04 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Tgt Ion: 43 Resp: 183

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.4	20.0#



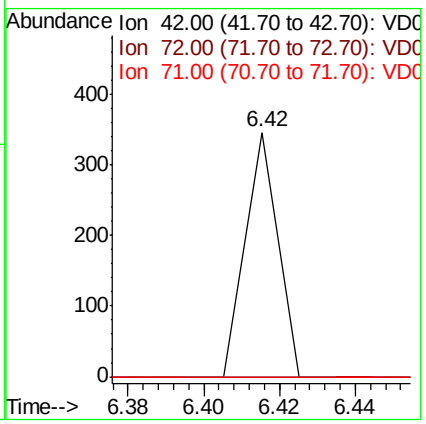


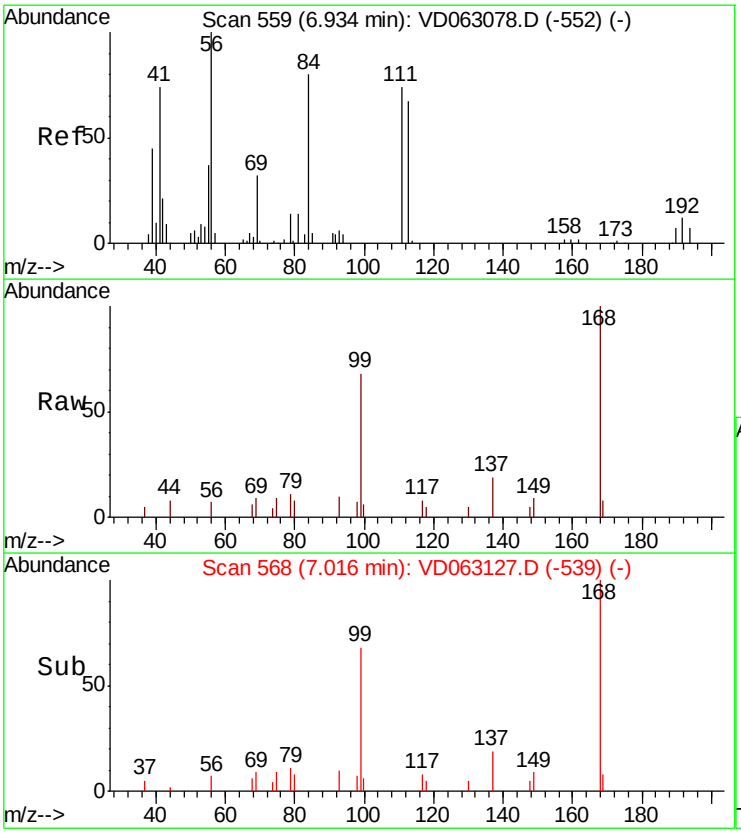
#29
Tetrahydrofuran
Concen: 3.764 ug/l
RT: 6.42 min Scan# 507
Delta R.T. -0.04 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 42 Resp: 204

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.7	50.5#
71	0.0	34.2	51.2#

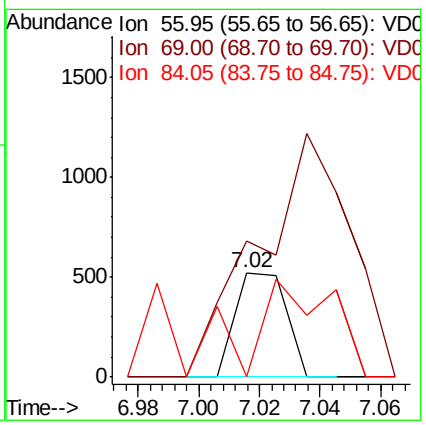


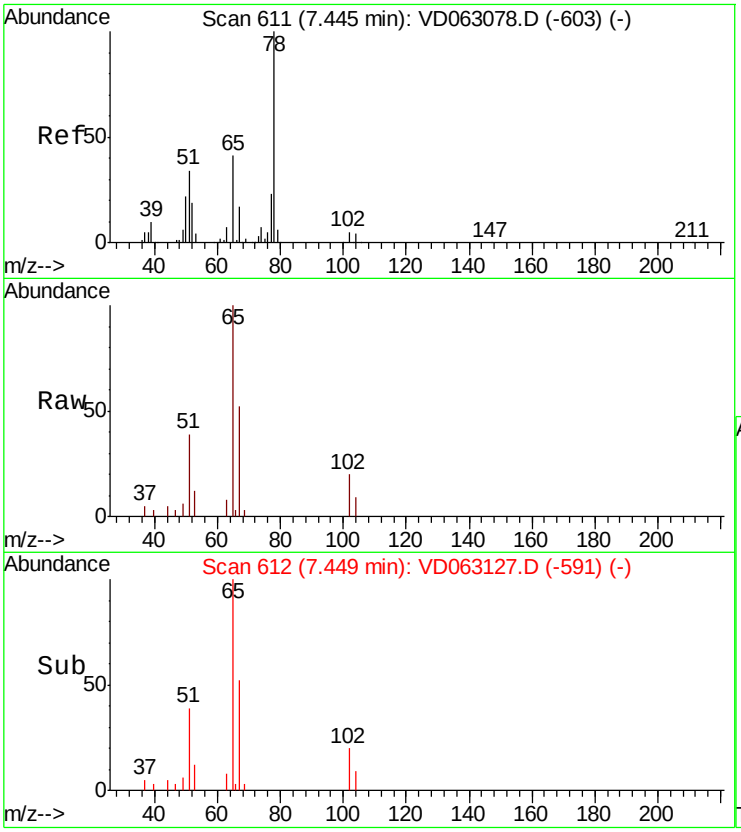


#31
Cyclohexane
Concen: 1.232 ug/l
RT: 7.02 min Scan# 568
Delta R.T. 0.08 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Tgt Ion: 56 Resp: 608

Ion	Ratio	Lower	Upper
56	100		
69	130.7	25.3	37.9#
84	0.0	64.2	96.4#



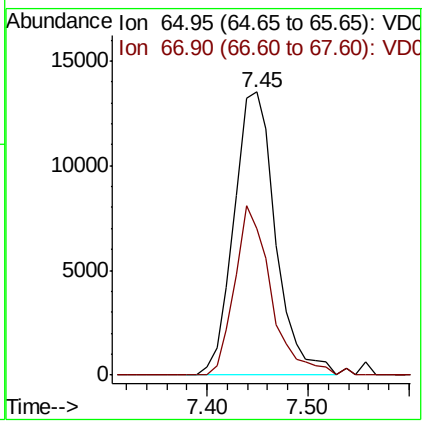


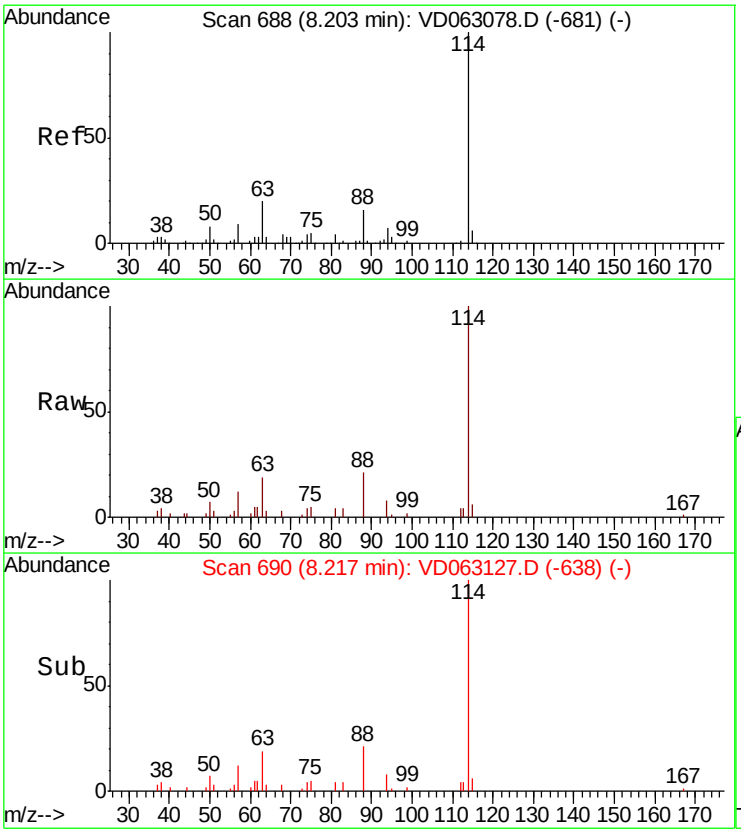
#33
1,2-Dichloroethane-d4
Concen: 74.812 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.00 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 38782

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	86.0

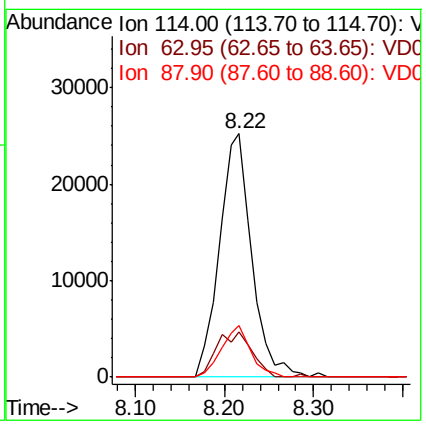


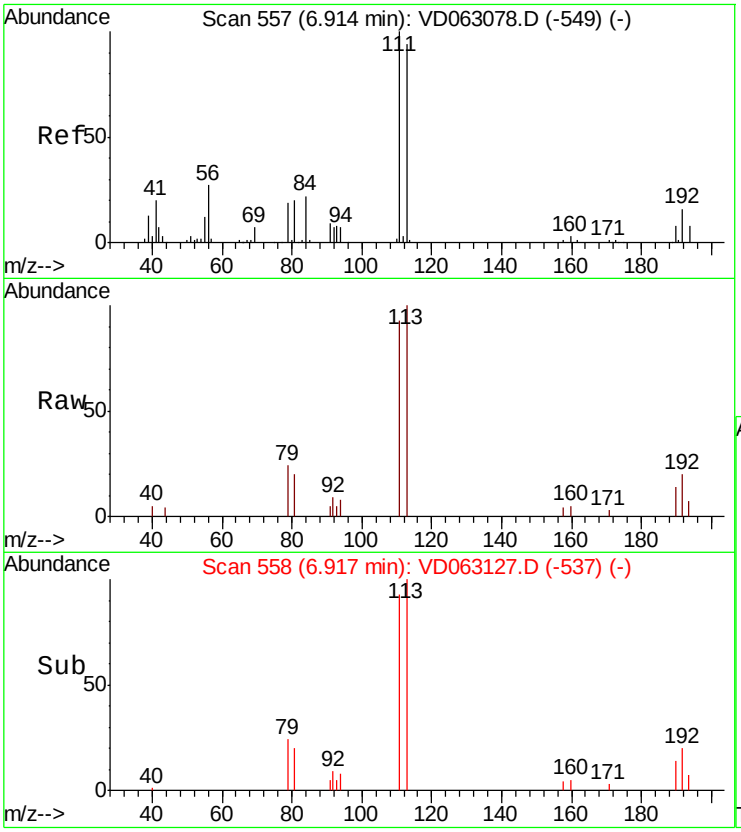


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.01 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Tgt Ion:114 Resp: 63991

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	40.6
88	21.3	0.0	32.6



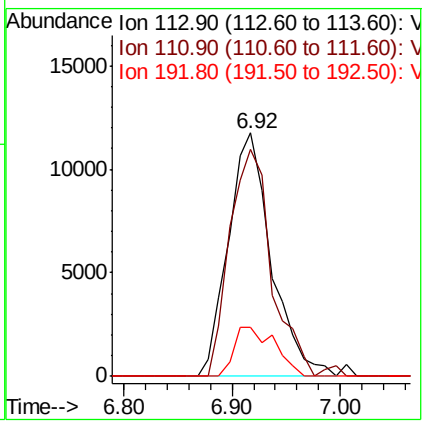


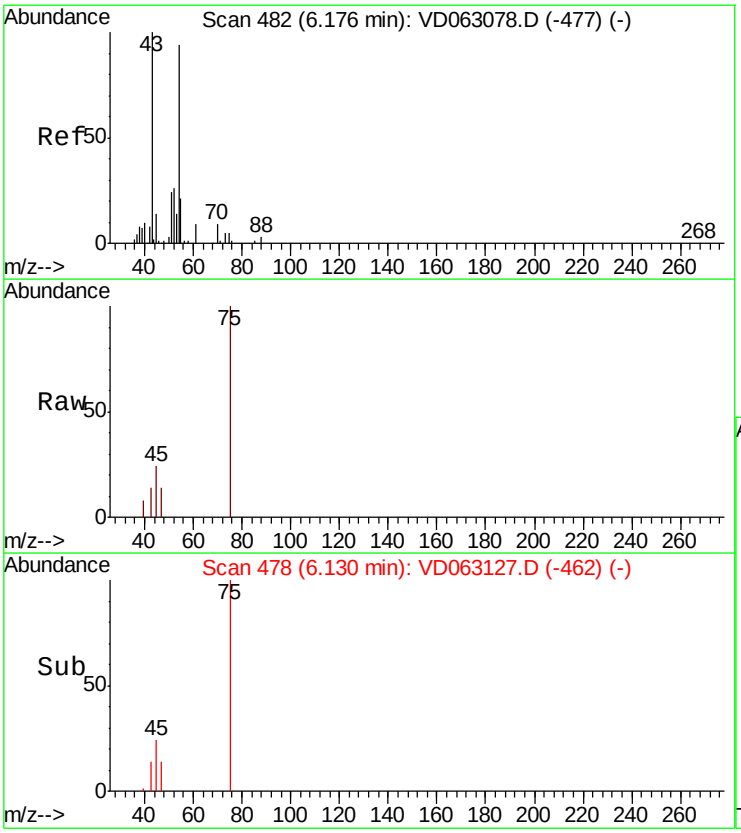
#35
Dibromofluoromethane
Concen: 51.079 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.00 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 32556

Ion	Ratio	Lower	Upper
113	100		
111	93.4	84.8	127.2
192	20.1	13.4	20.0#

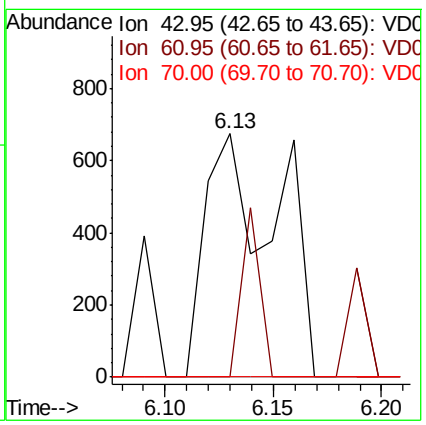


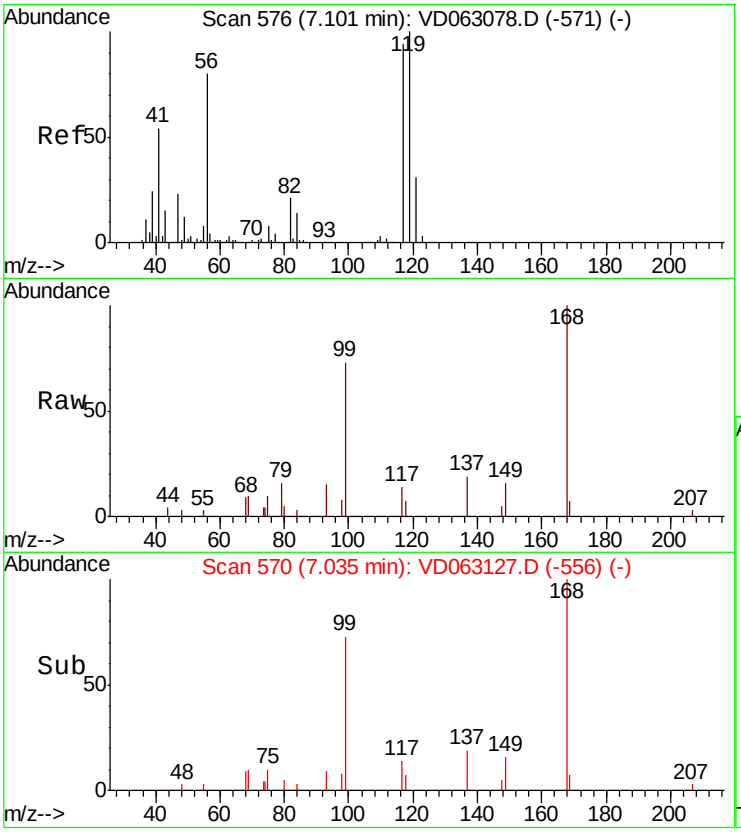


#37
Ethyl Acetate
Concen: 4.977 ug/l
RT: 6.13 min Scan# 478
Delta R.T. -0.05 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Tgt Ion: 43 Resp: 1533

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



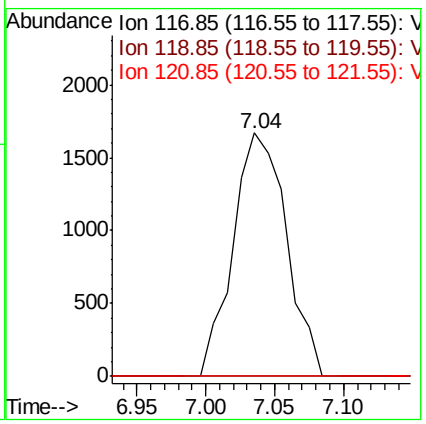


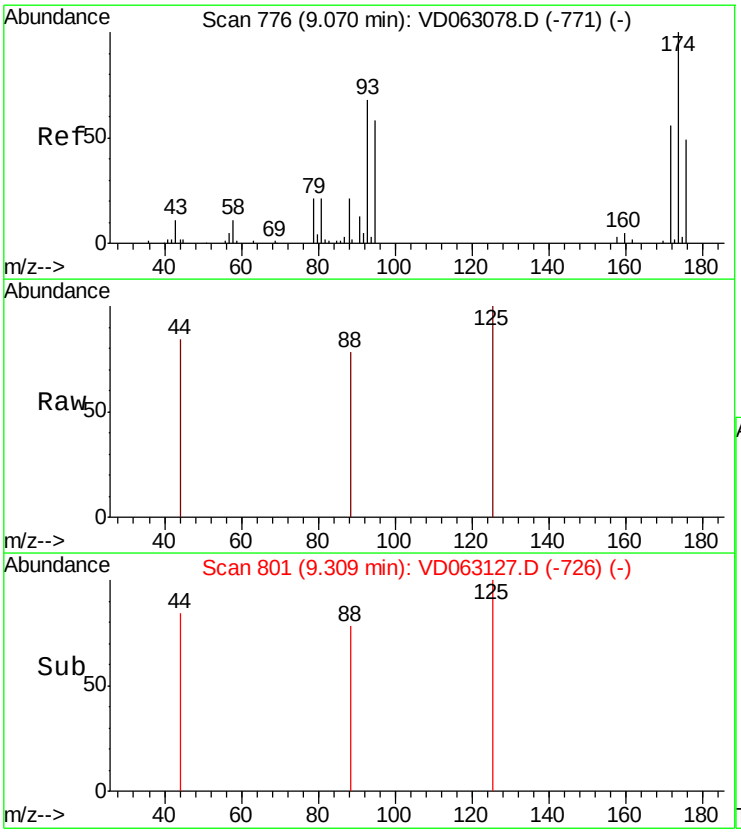
#38
Carbon Tetrachloride
Concen: 4.120 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.07 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 4506

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

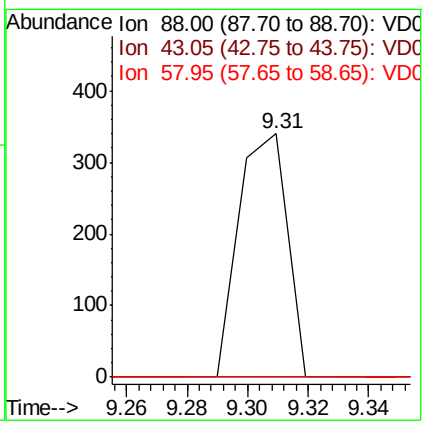


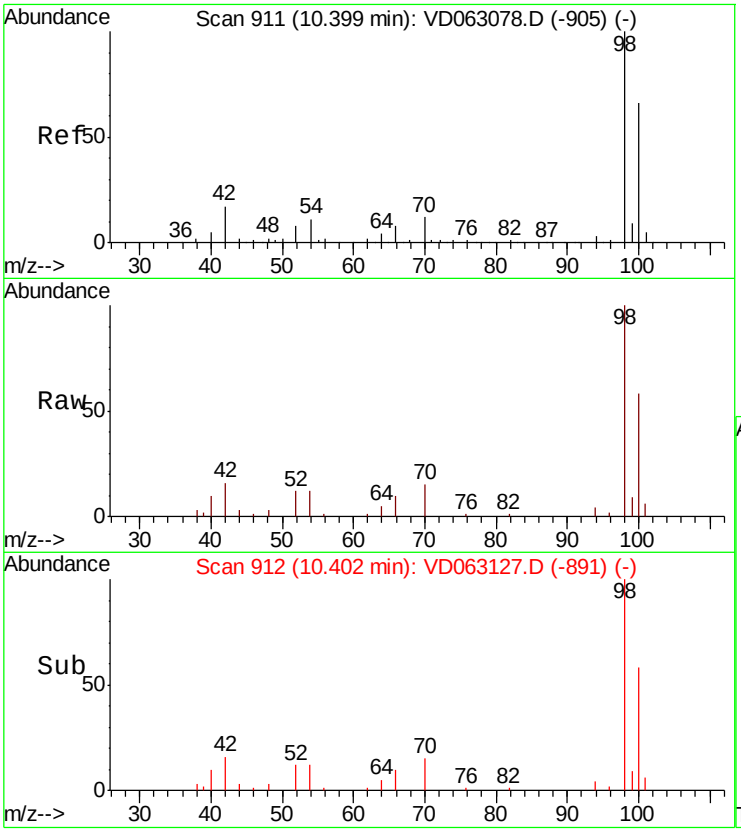


#49
1,4-Dioxane
Concen: 152.778 ug/l
RT: 9.31 min Scan# 801
Delta R.T. 0.24 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Tgt Ion: 88 Resp: 382

Ion	Ratio	Lower	Upper
88	100		
43	0.0	40.2	60.4#
58	0.0	41.6	62.4#



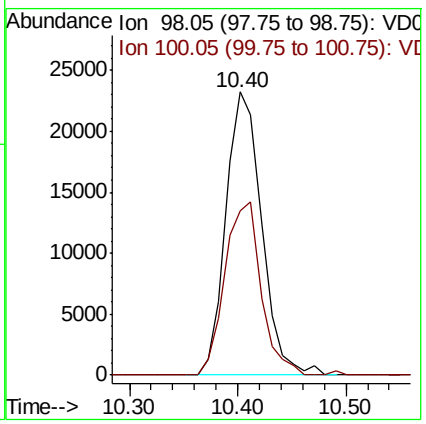


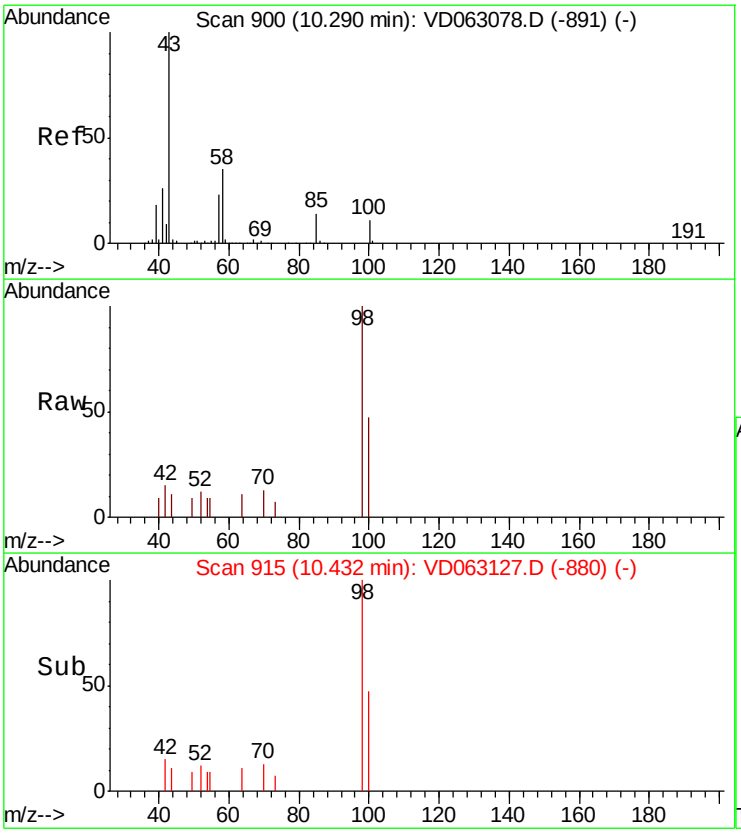
#50
Toluene-d8
Concen: 39.000 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 53394

Ion	Ratio	Lower	Upper
98	100		
100	58.2	53.5	80.3

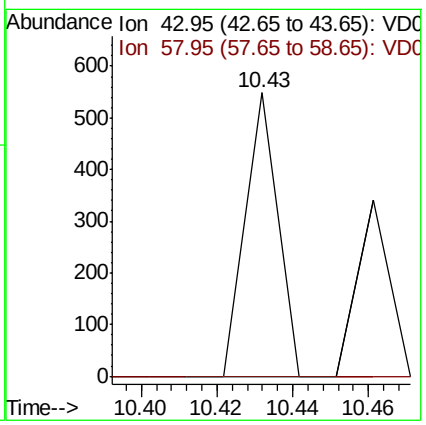


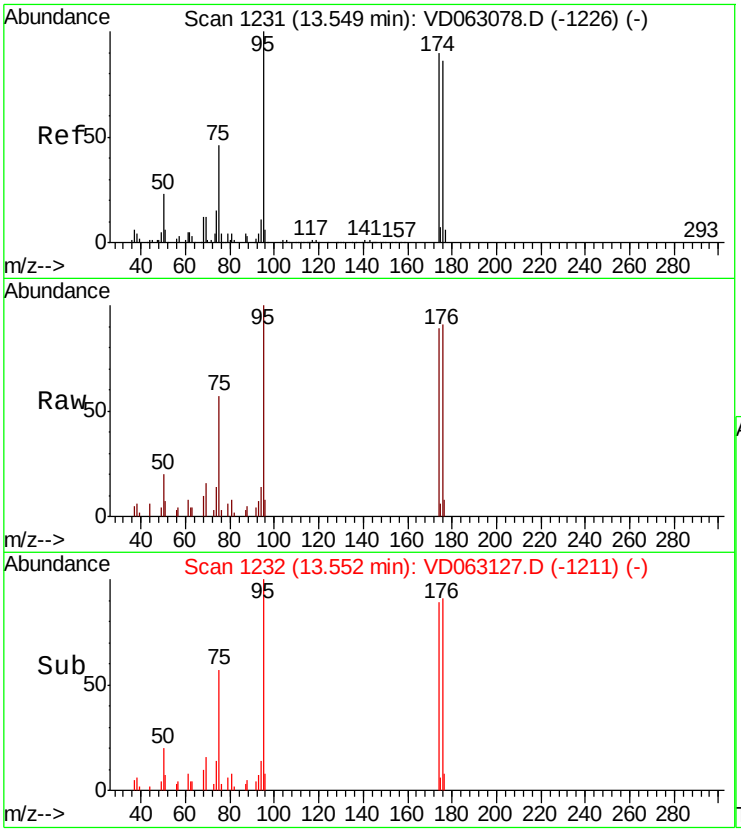


#51
4-Methyl-2-Pentanone
Concen: 1.106 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.14 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Tgt Ion: 43 Resp: 324

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.8	41.6#



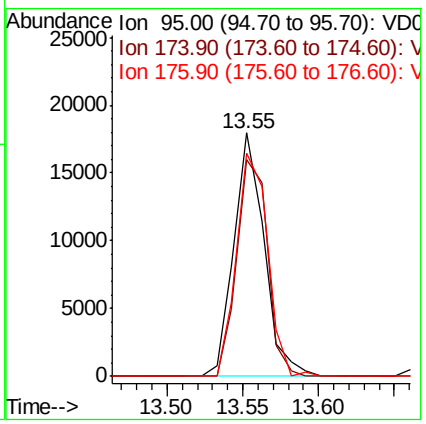


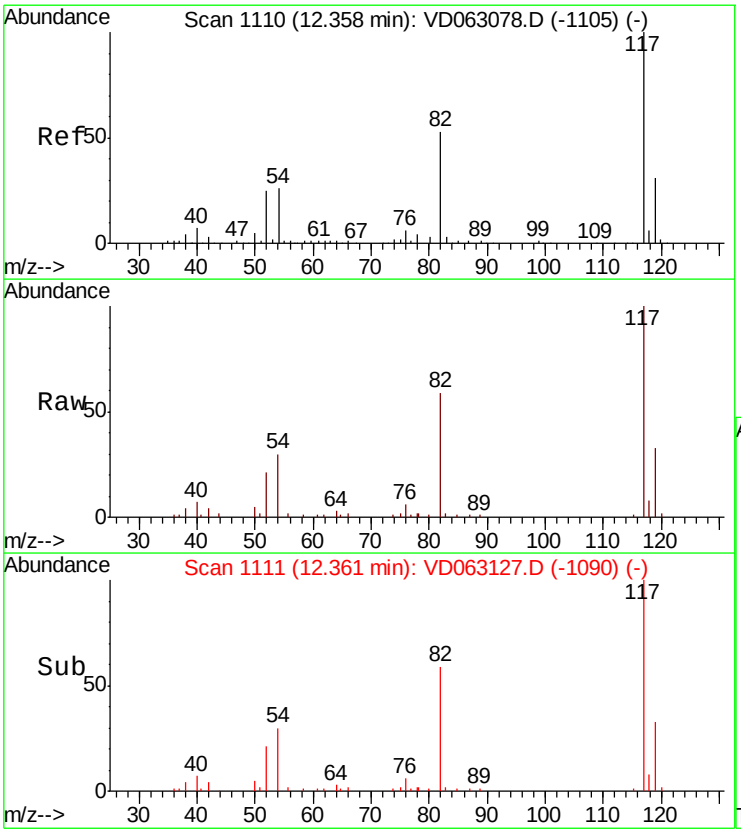
#62
4-Bromofluorobenzene
Concen: 39.315 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 24901

Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	180.6
176	99.3	0.0	172.2

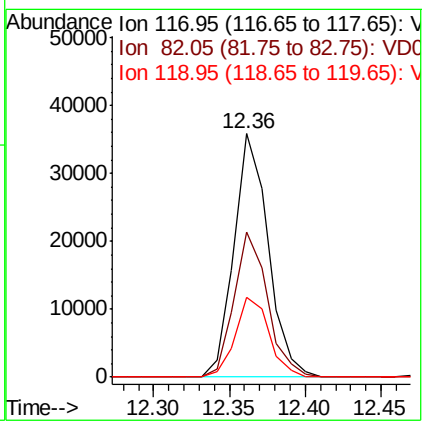


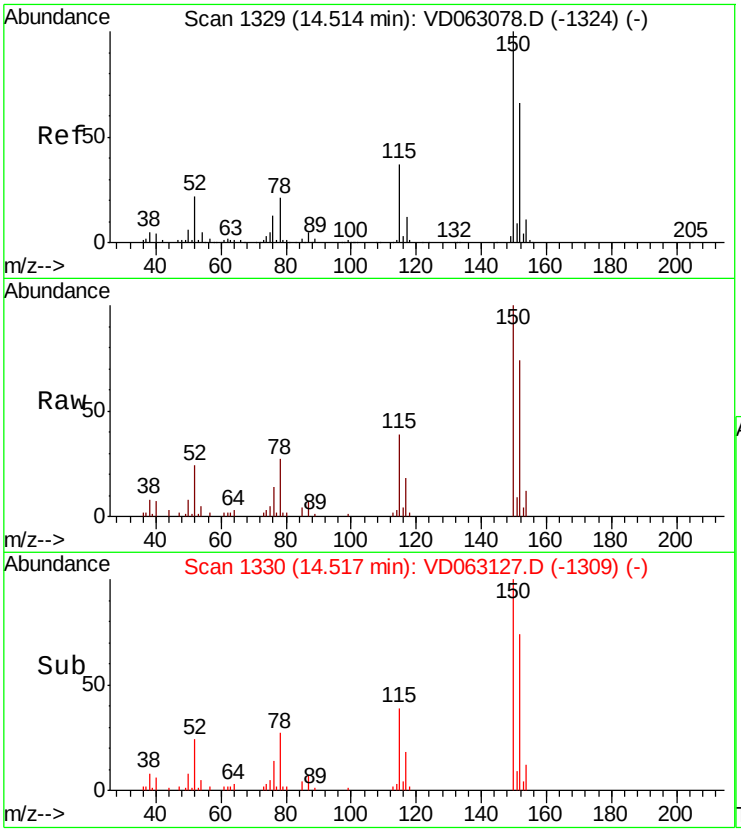


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Tgt Ion:117 Resp: 56314

Ion	Ratio	Lower	Upper
117	100		
82	59.5	42.3	63.5
119	32.9	25.2	37.8



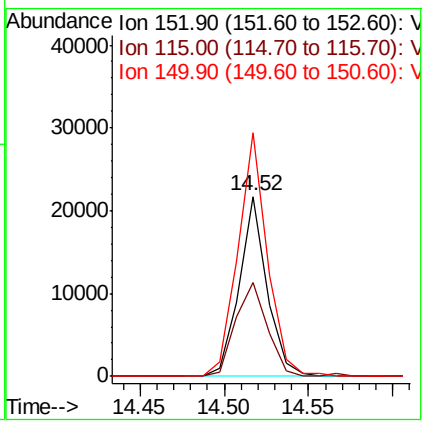


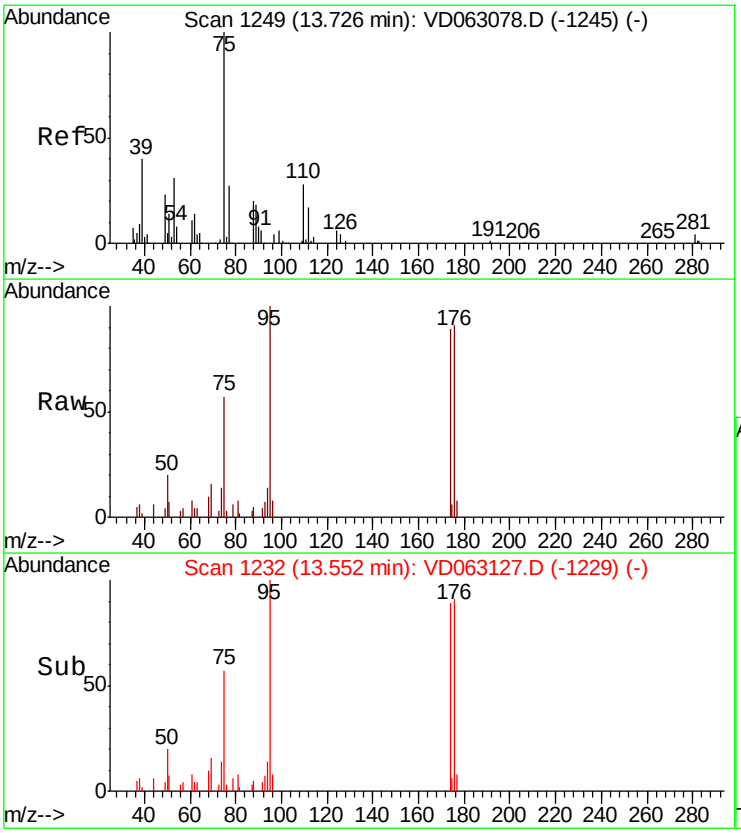
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 24865

Ion	Ratio	Lower	Upper
152	100		
115	52.3	28.9	86.8
150	135.1	0.0	313.8

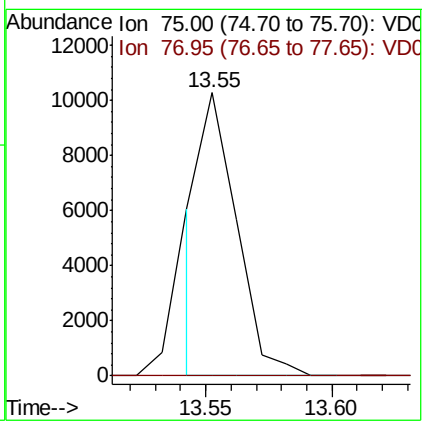


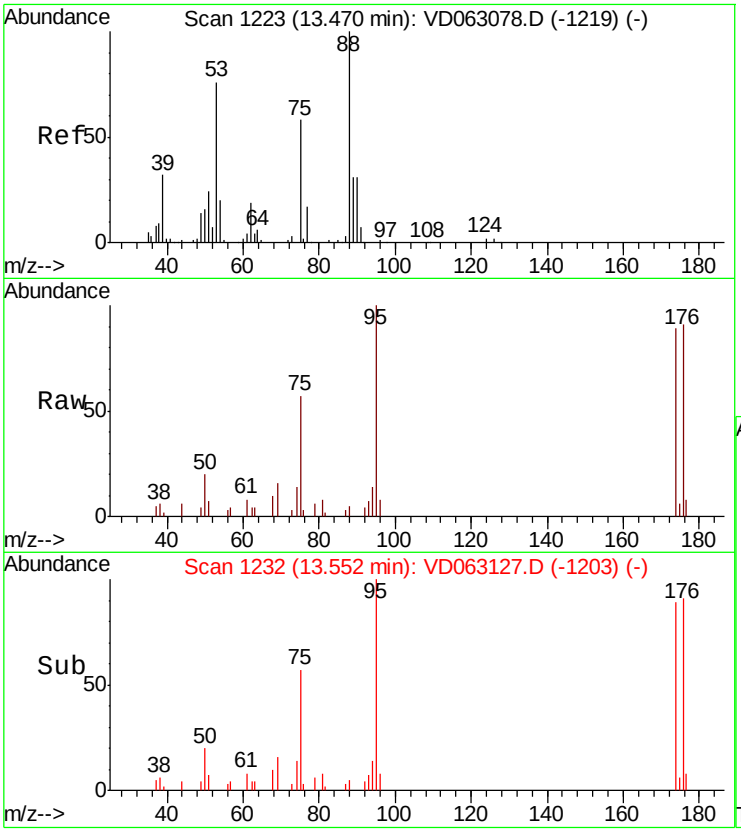


#76
1,2,3-Trichloropropane
Concen: 26.547 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.17 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Tgt Ion: 75 Resp: 10154

Ion	Ratio	Lower	Upper
75	100		
77	0.0	16.3	48.8#



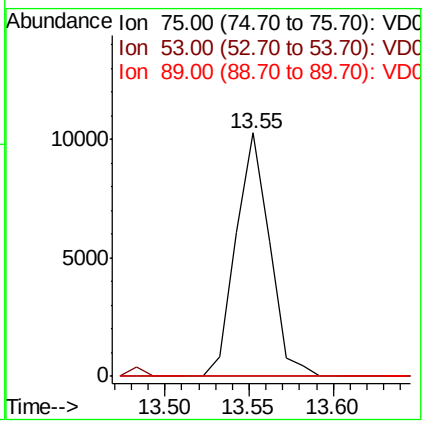


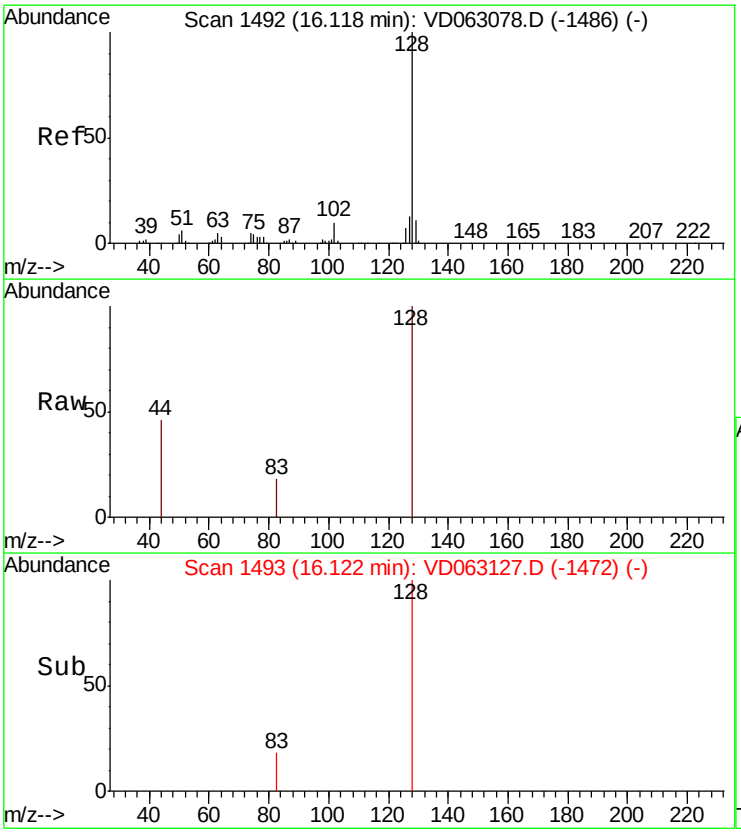
#81
trans-1,4-Dichloro-2-butene
Concen: 141.424 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 14245

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





#95
Naphthalene
Concen: 2.225 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Tgt Ion:128 Resp: 2117

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	8.7	13.1#