Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF050719\
Data File : VF062354.D
Acq On : 7 May 2019 13:41
Operator : FY/SY
Sample : K2667-03
Misc : 5.61g/5mL/MSVOA_F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SP-1-B

Quant Time: May 07 14:40:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	309897	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.77	114	416016	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	324954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	175536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	132350	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.38%			
35) Dibromofluoromethane	4.29	113	160353	48.38	ug/l	-0.01
Spiked Amount 50.000			Recovery = 96.76%			
50) Toluene-d8	7.70	98	316244	39.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.84%			
62) 4-Bromofluorobenzene	11.49	95	138495	38.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.52%			
Target Compounds						Qvalue
5) Bromomethane	1.38	94	1721	Below Cal	#	21
11) Tert butyl alcohol	2.68	59	695	4.199	ug/l #	70
13) Acrolein	2.13	56	797	Below Cal		98
15) Acrylonitrile	3.12	53	615	1.961	ug/l #	28
16) Acetone	2.35	43	6019	10.160	ug/l #	76
18) Methyl Acetate	2.45	43	2539	Below Cal	#	58
20) Methylene Chloride	2.33	84	3843	1.793	ug/l #	90
29) Tetrahydrofuran	4.26	42	1014	2.964	ug/l #	71
37) Ethyl Acetate	4.24	43	288	Below Cal	#	73
38) Carbon Tetrachloride	4.08	117	140	Below Cal	#	44
39) Methylcyclohexane	5.76	83	6251	1.744	ug/l #	36
49) 1,4-Dioxane	6.80	88	61	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.41	43	2747	2.230	ug/l #	72
59) 2-Hexanone	9.62	43	2049	2.405	ug/l	85
81) trans-1,4-Dichloro-2-buten	11.94	75	793	1.697	ug/l #	18

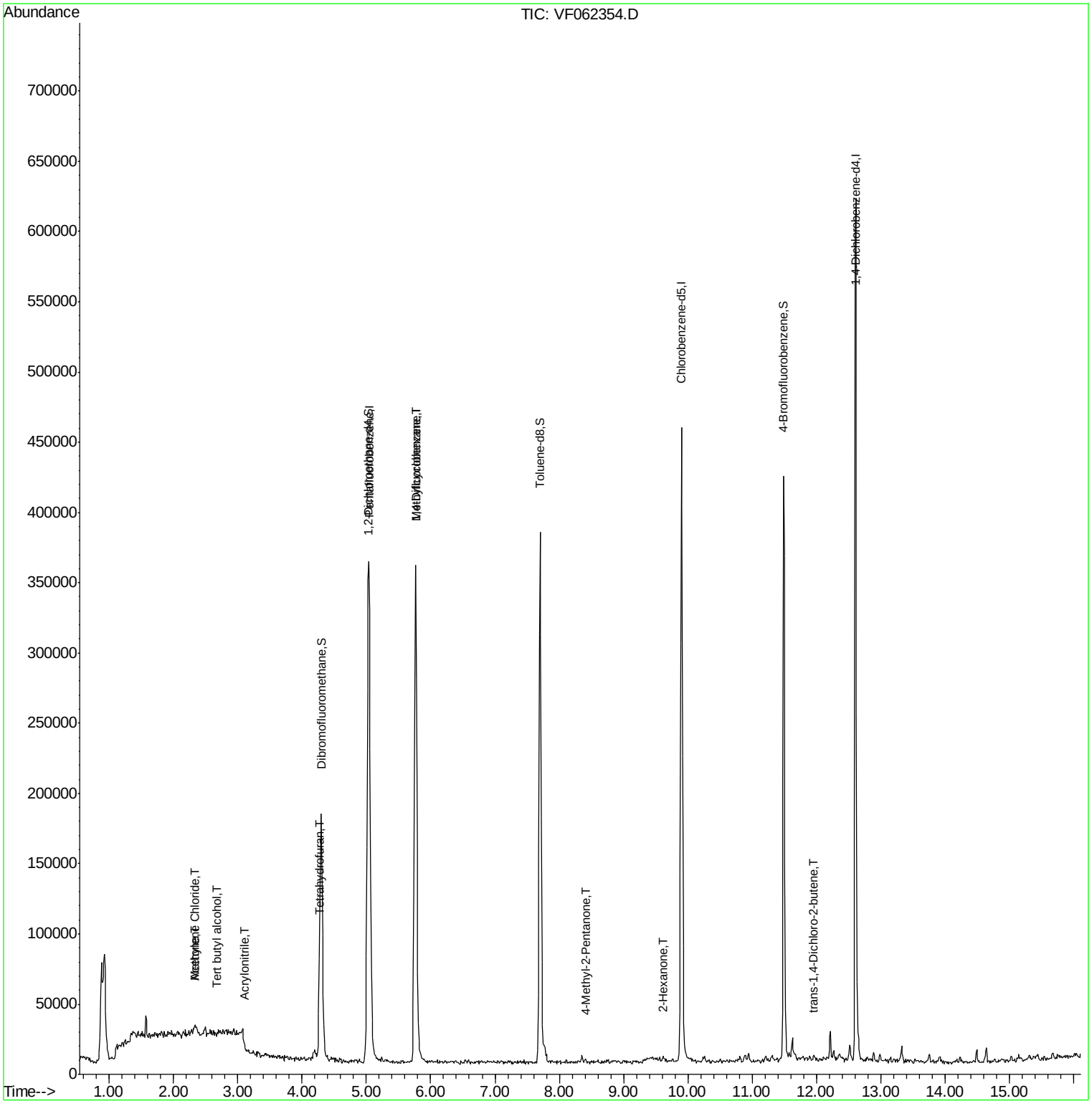
(#) = qualifier out of range (m) = manual integration (+) = signals summed

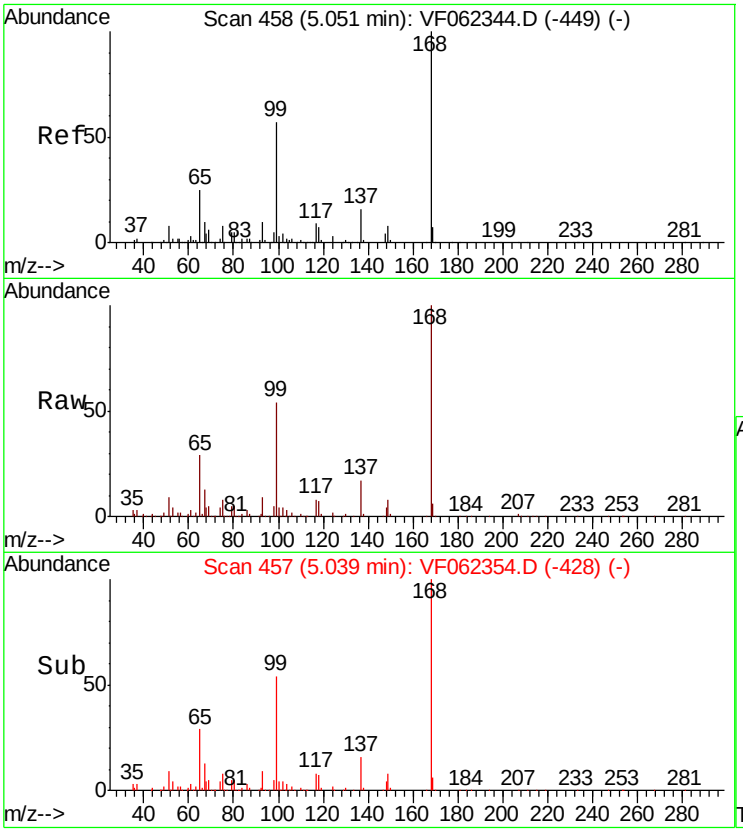
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF050719\
Data File : VF062354.D
Acq On : 7 May 2019 13:41
Operator : FY/SY
Sample : K2667-03
Misc : 5.61g/5mL/MSVOA_F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SP-1-B

Quant Time: May 07 14:40:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration



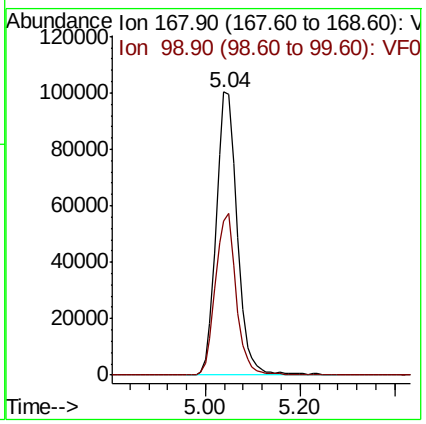


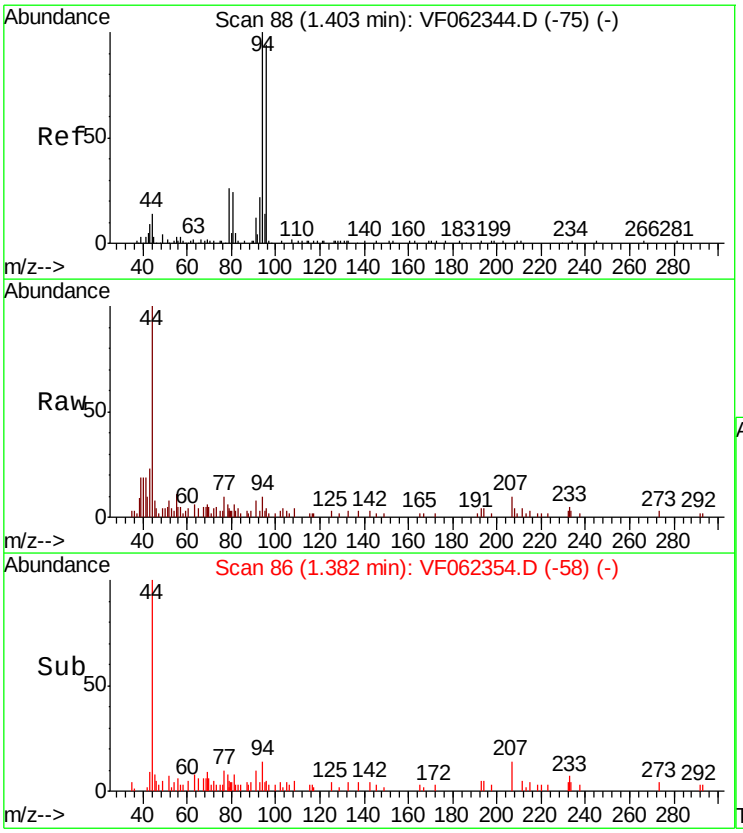
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 457
Delta R.T. -0.01 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Instrument :
MSVOA_F
ClientSampleId :
SP-1-B

Tgt Ion:168 Resp: 309897

Ion	Ratio	Lower	Upper
168	100		
99	54.2	45.9	68.9

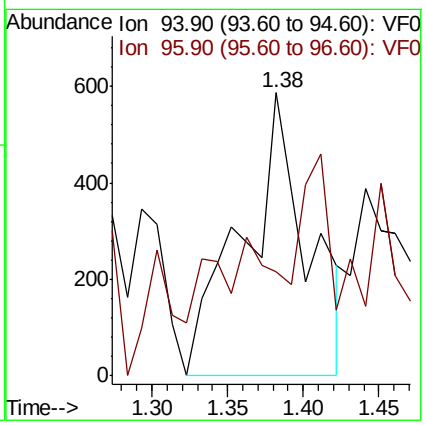


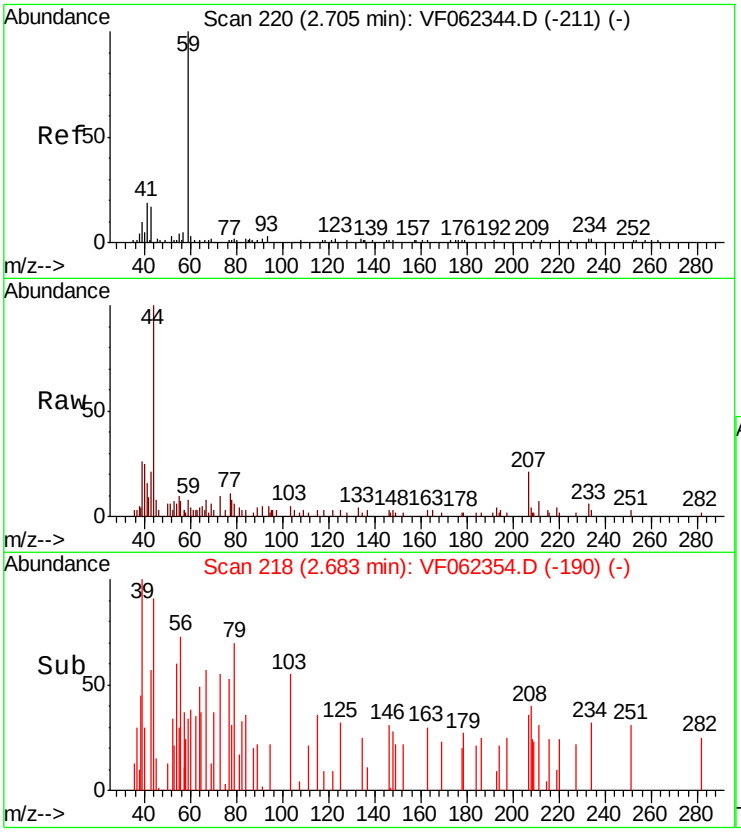


#5
Bromomethane
Concen: Below Cal
RT: 1.38 min Scan# 86
Delta R.T. -0.02 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Tgt Ion: 94 Resp: 1721

Ion	Ratio	Lower	Upper
94	100		
96	17.9	75.4	113.2#



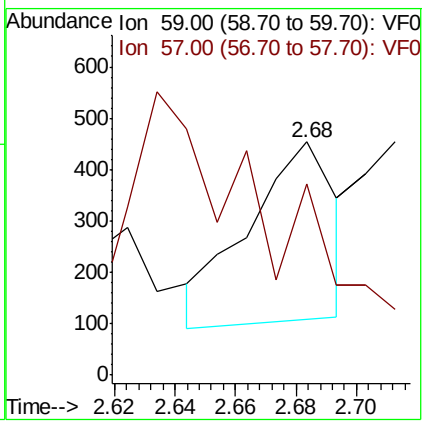


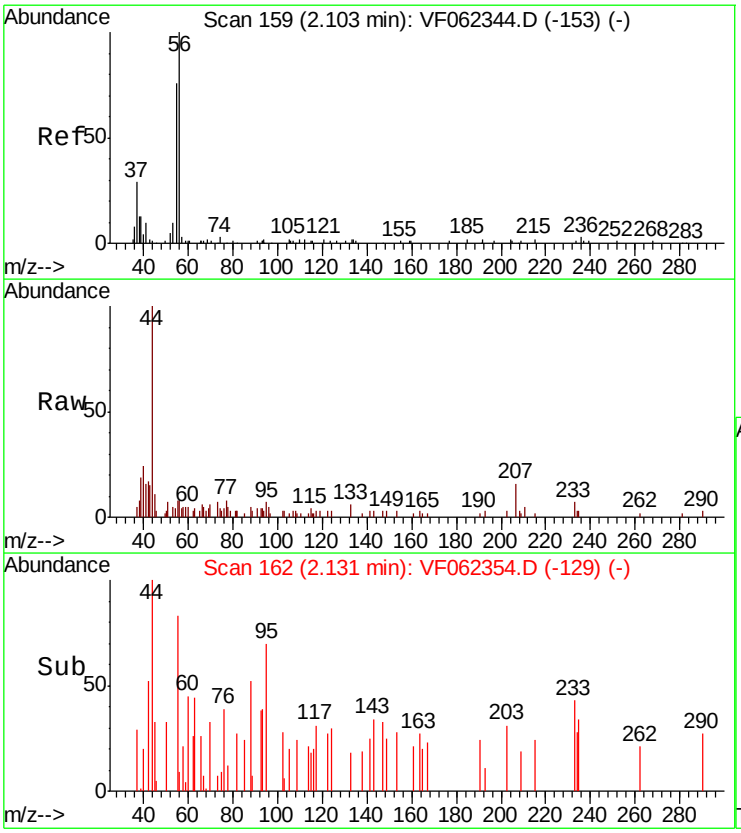
#11
Tert butyl alcohol
Concen: 4.199 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.02 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Instrument :
MSVOA_F
ClientSampleId :
SP-1-B

Tgt Ion: 59 Resp: 695

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#

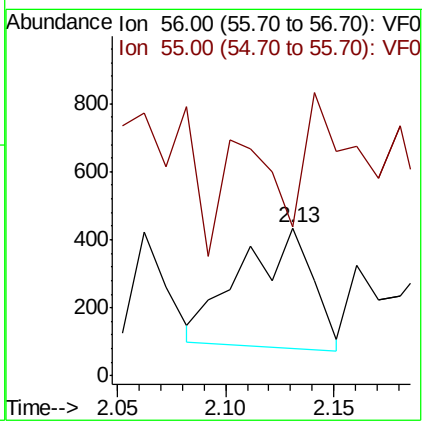


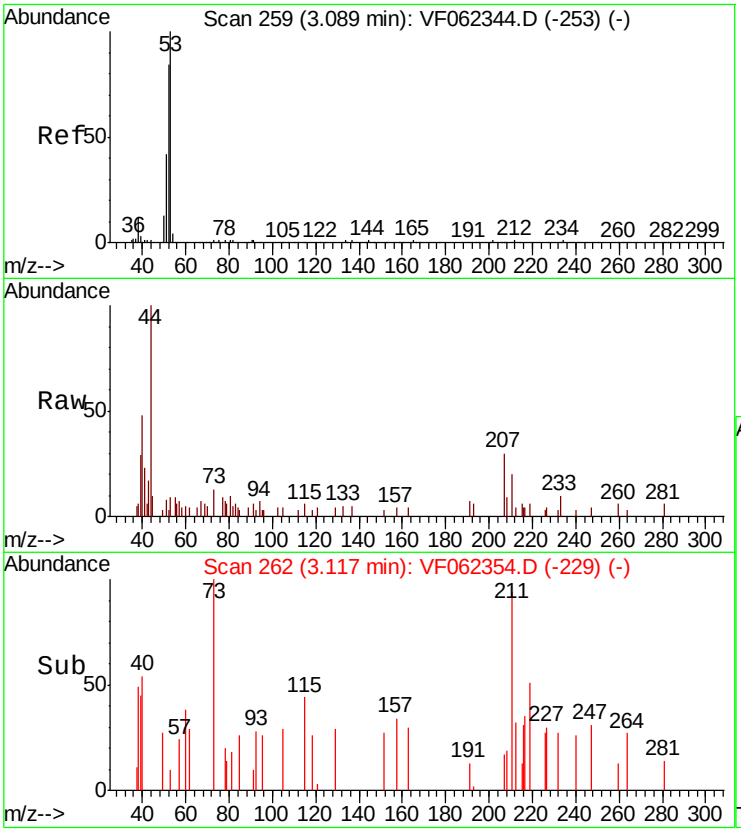


#13
Acrolein
Concen: Below Cal
RT: 2.13 min Scan# 162
Delta R.T. 0.03 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Tgt Ion: 56 Resp: 797

Ion	Ratio	Lower	Upper
56	100		
55	74.4	58.4	87.6



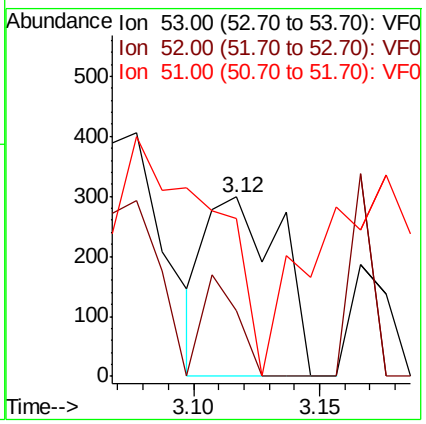


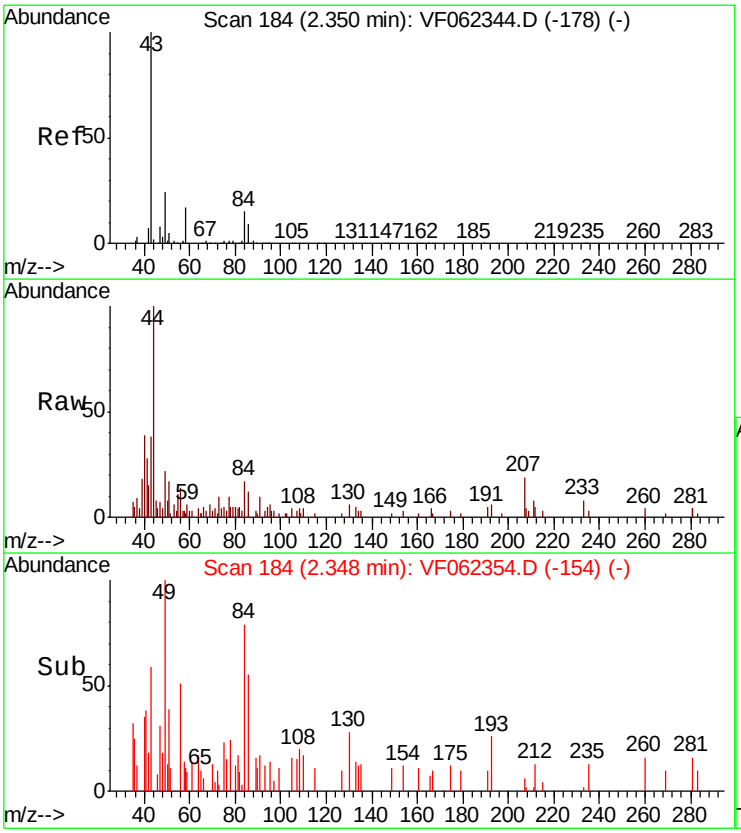
#15
Acrylonitrile
Concen: 1.961 ug/l
RT: 3.12 min Scan# 262
Delta R.T. 0.03 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Instrument :
MSVOA_F
ClientSampleId :
SP-1-B

Tgt Ion: 53 Resp: 615

Ion	Ratio	Lower	Upper
53	100		
52	26.8	77.2	115.8#
51	0.0	40.6	61.0#

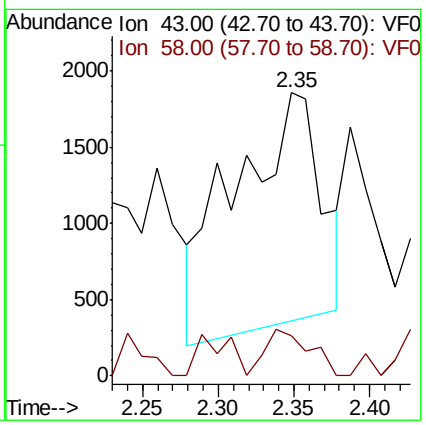


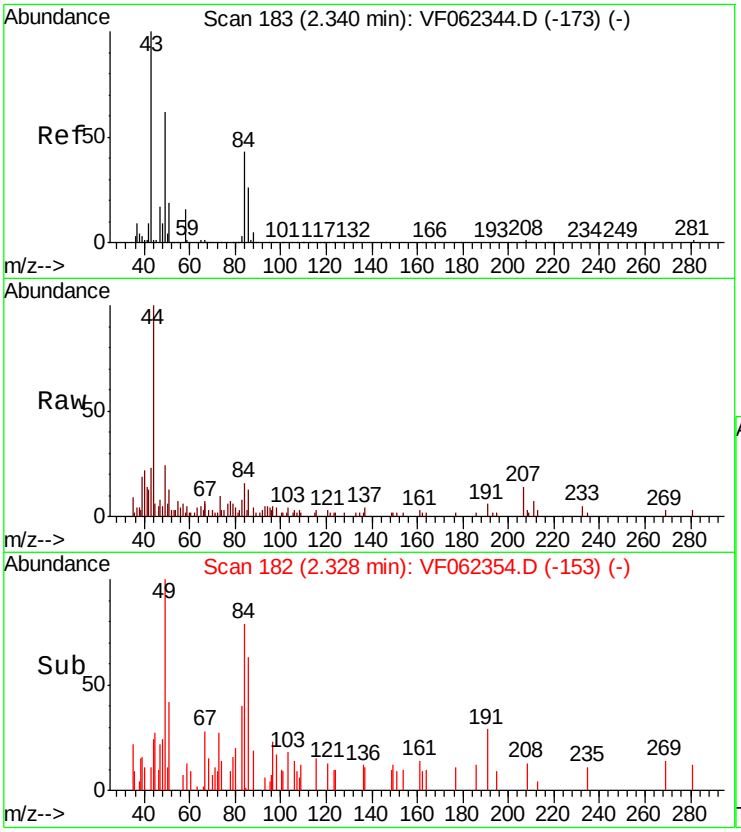


#16
Acetone
Concen: 10.160 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.00 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Tgt Ion: 43 Resp: 6019

Ion	Ratio	Lower	Upper
43	100		
58	26.7	13.1	19.7#



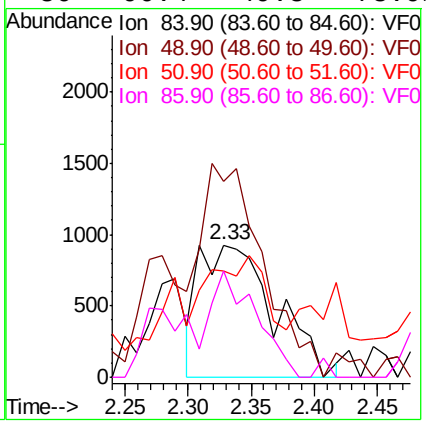


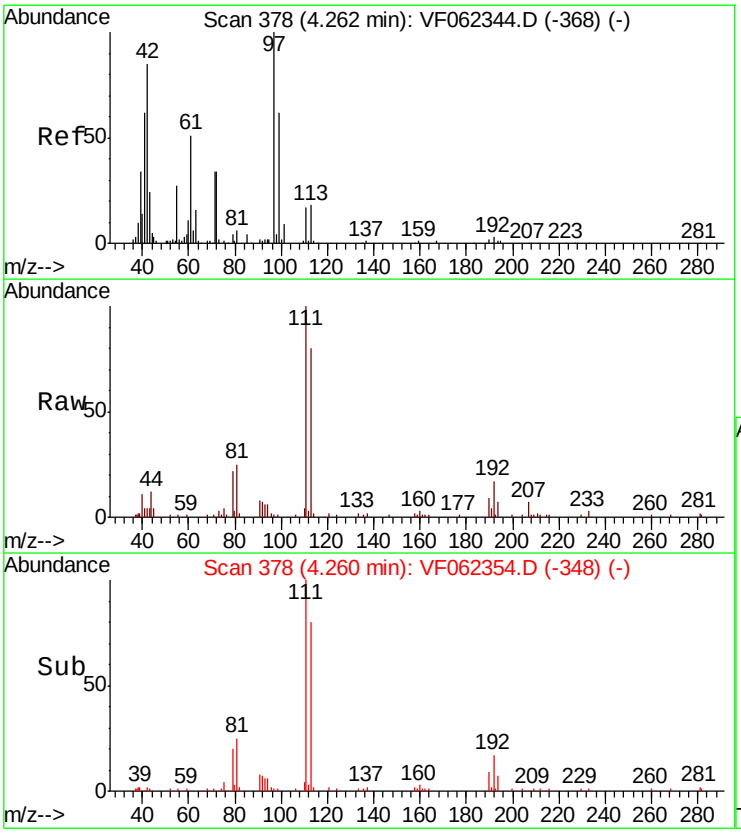
#20
Methylene Chloride
Concen: 1.793 ug/l
RT: 2.33 min Scan# 182
Delta R.T. -0.01 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Instrument : MSVOA_F
ClientSampleId : SP-1-B

Tgt Ion: 84 Resp: 3843

Ion	Ratio	Lower	Upper
84	100		
49	146.2	117.5	176.3
51	47.3	37.0	55.4
86	90.4	49.3	73.9#

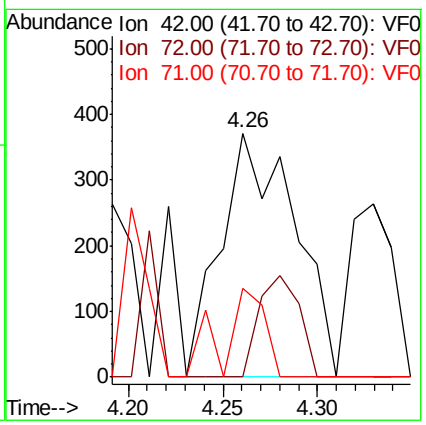


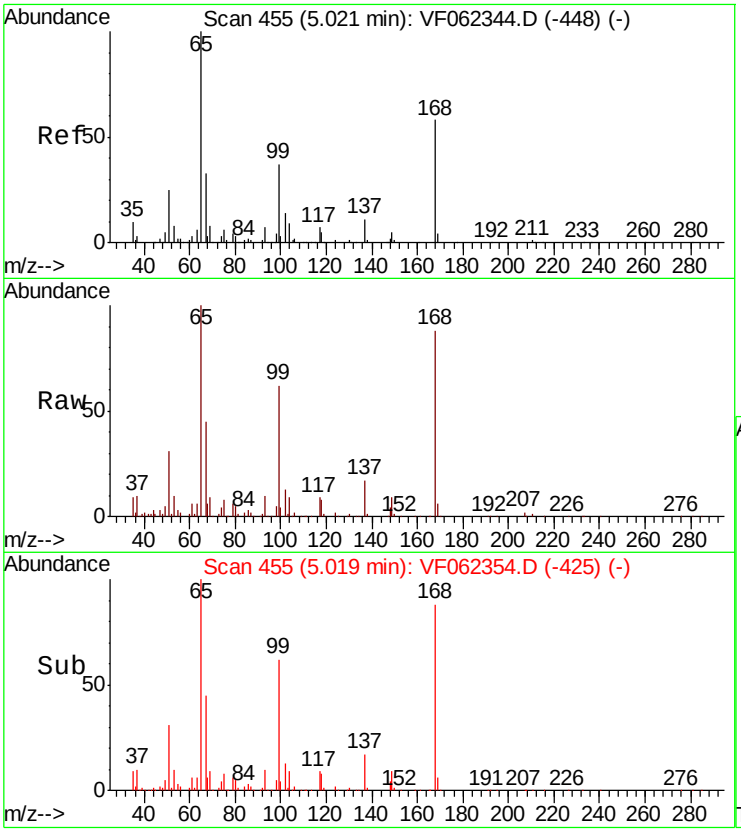


#29
Tetrahydrofuran
Concen: 2.964 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.00 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Tgt Ion: 42 Resp: 1014

Ion	Ratio	Lower	Upper
42	100		
72	22.7	31.4	47.0#
71	20.2	31.7	47.5#



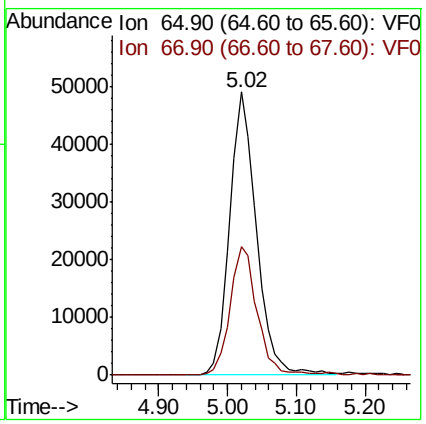


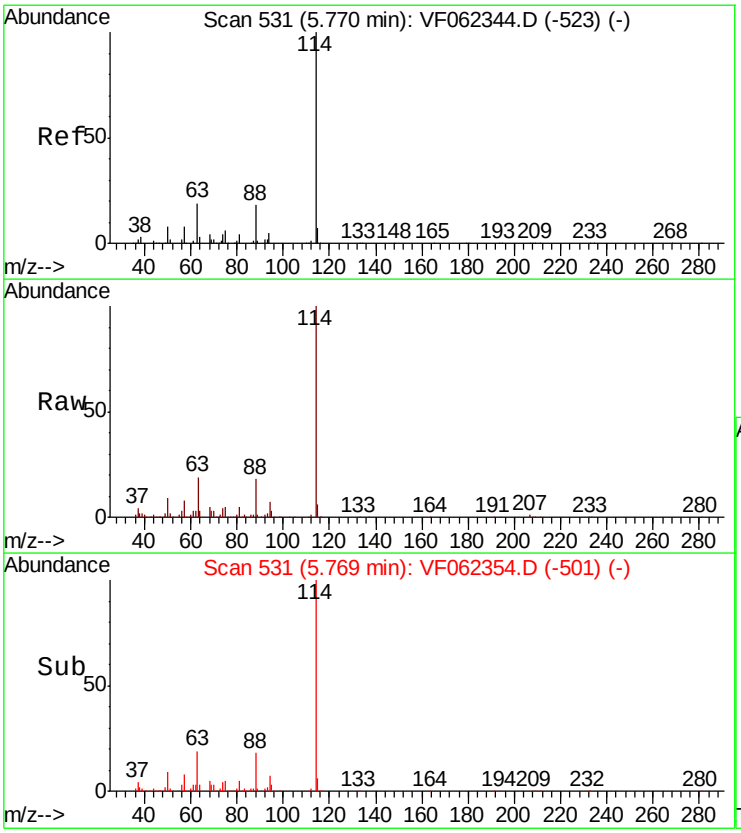
#33
1,2-Dichloroethane-d4
Concen: 45.191 ug/l
RT: 5.02 min Scan# 455
Delta R.T. -0.00 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Instrument :
MSVOA_F
ClientSampleId :
SP-1-B

Tgt Ion: 65 Resp: 132350

Ion	Ratio	Lower	Upper
65	100		
67	45.6	0.0	85.8

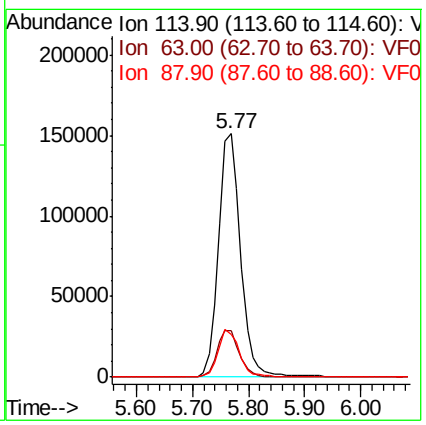


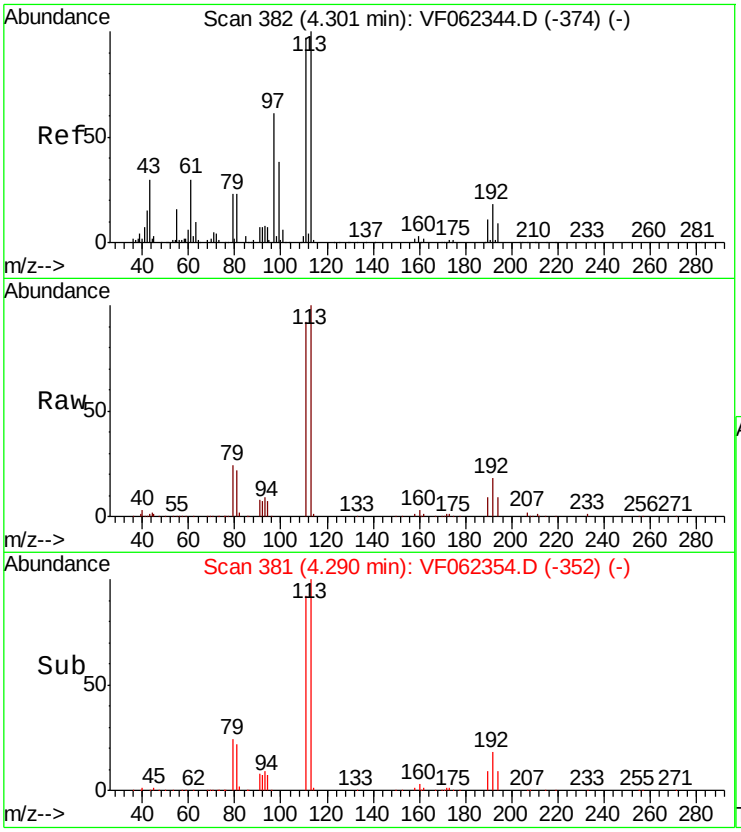


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 531
Delta R.T. -0.00 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Tgt Ion:114 Resp: 416016

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	37.4
88	17.6	0.0	36.4



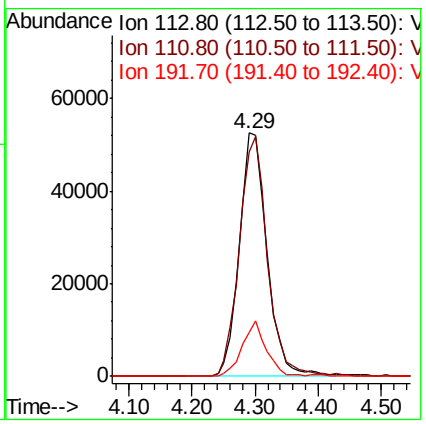


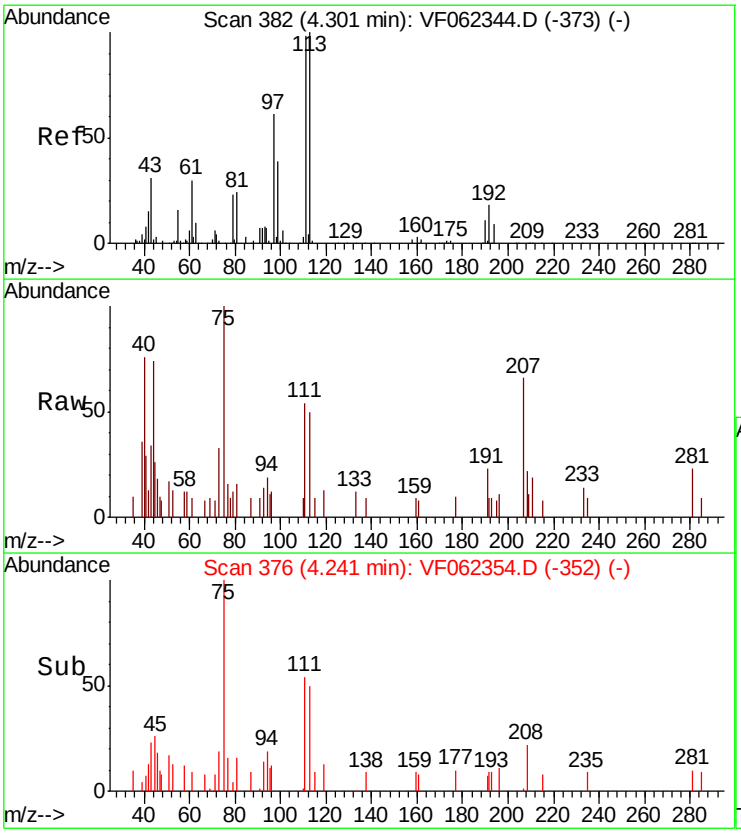
#35
Dibromofluoromethane
Concen: 48.382 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Instrument :
MSVOA_F
ClientSampleId :
SP-1-B

Tgt Ion:113 Resp: 160353

Ion	Ratio	Lower	Upper
113	100		
111	100.2	79.4	119.0
192	19.8	16.0	24.0

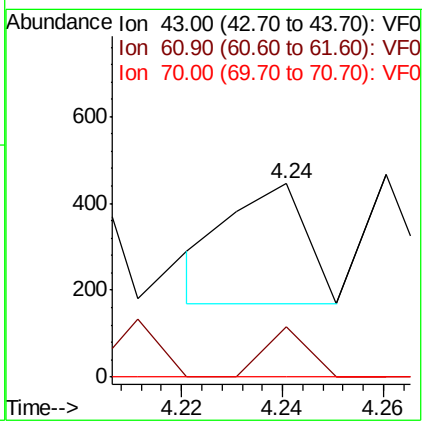


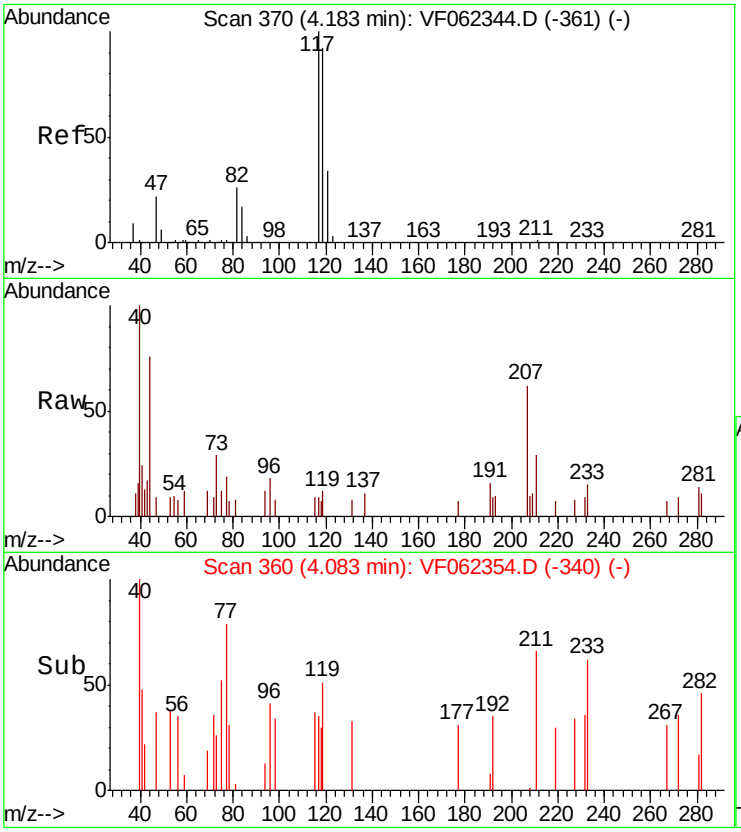


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.24 min Scan# 376
Delta R.T. -0.06 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Tgt Ion: 43 Resp: 288

Ion	Ratio	Lower	Upper
43	100		
61	24.0	0.0	0.0#
70	0.0	8.2	12.2#



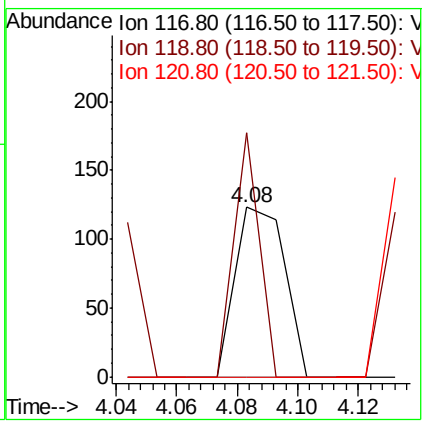


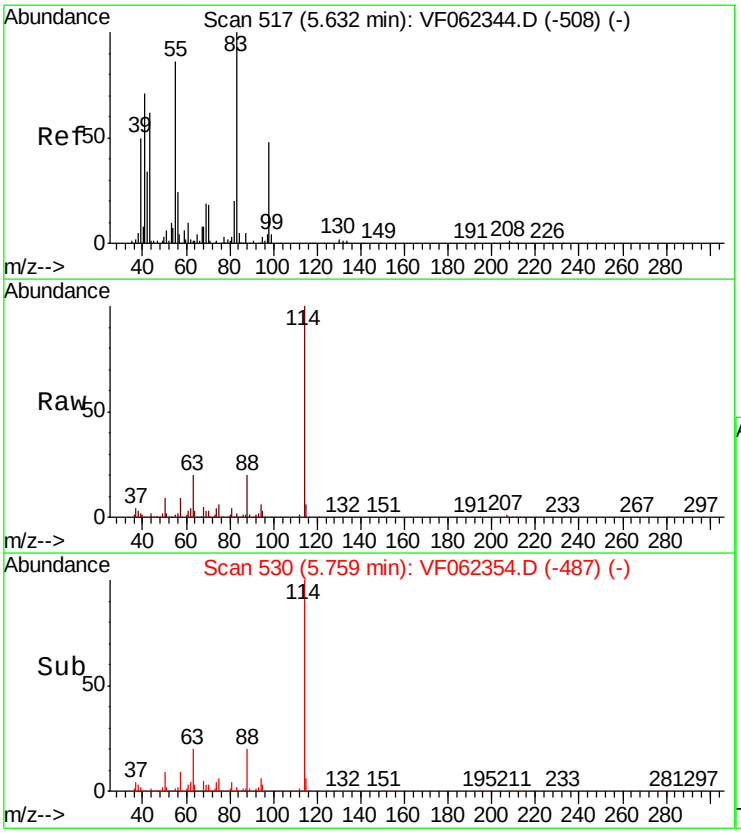
#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.08 min Scan# 360
Delta R.T. -0.10 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Instrument : MSVOA_F
ClientSampleId : SP-1-B

Tgt Ion:117 Resp: 140

Ion	Ratio	Lower	Upper
117	100		
119	143.9	73.4	110.2#
121	0.0	27.4	41.0#

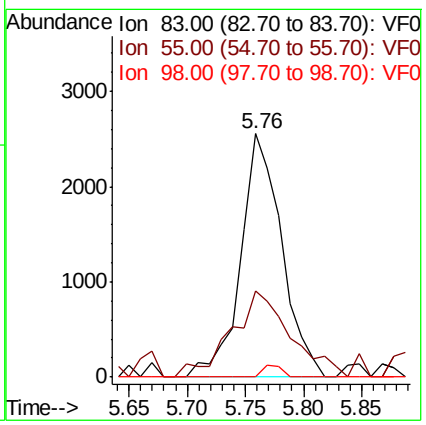


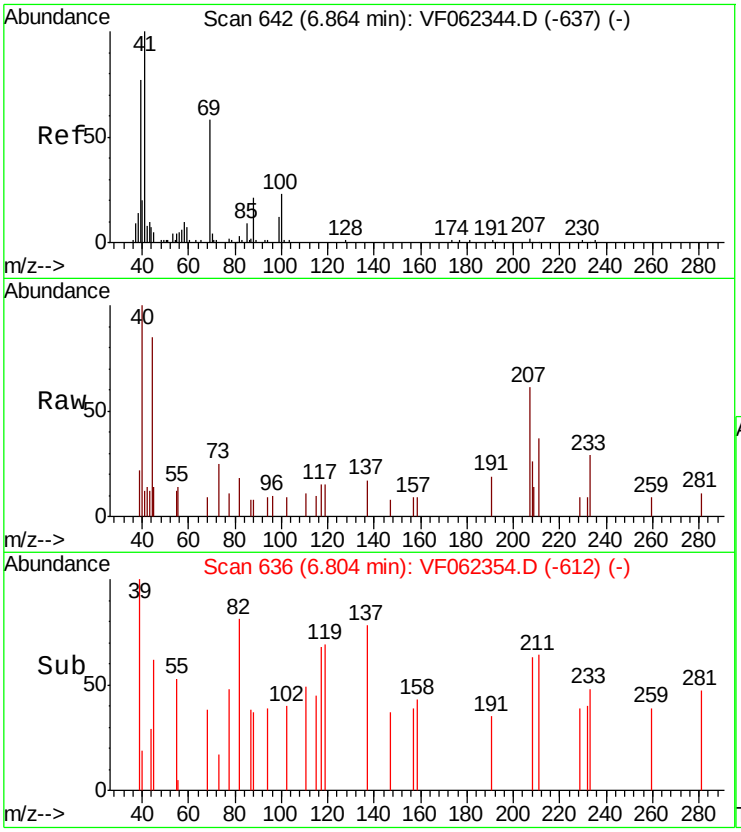


#39
Methylcyclohexane
Concen: 1.744 ug/l
RT: 5.76 min Scan# 530
Delta R.T. 0.13 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Tgt Ion: 83 Resp: 6251

Ion	Ratio	Lower	Upper
83	100		
55	31.3	69.0	103.6#
98	0.0	38.6	58.0#



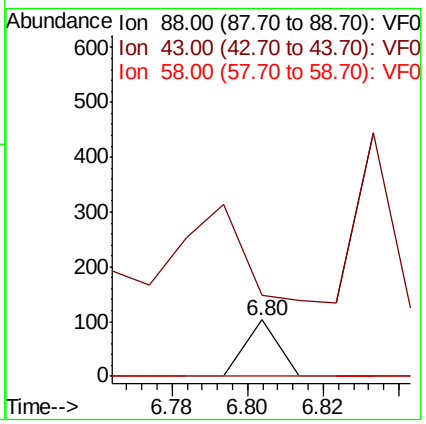


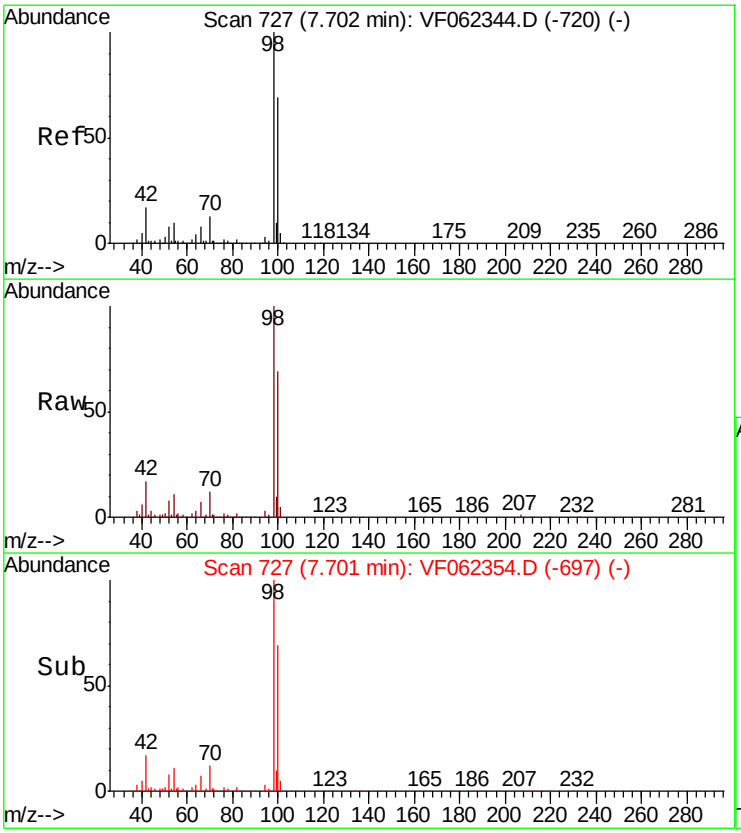
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.80 min Scan# 636
Delta R.T. -0.06 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Instrument :
MSVOA_F
ClientSampleId :
SP-1-B

Tgt Ion: 88 Resp: 61

Ion	Ratio	Lower	Upper
88	100		
43	1303.3	55.6	83.4#
58	0.0	52.8	79.2#

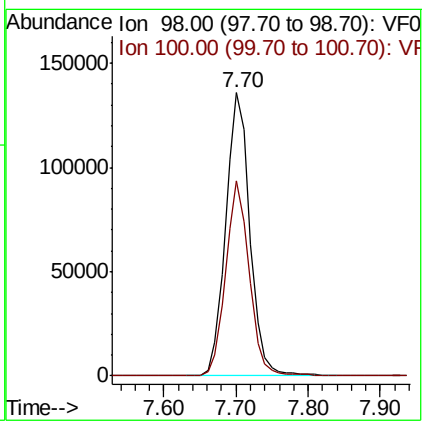


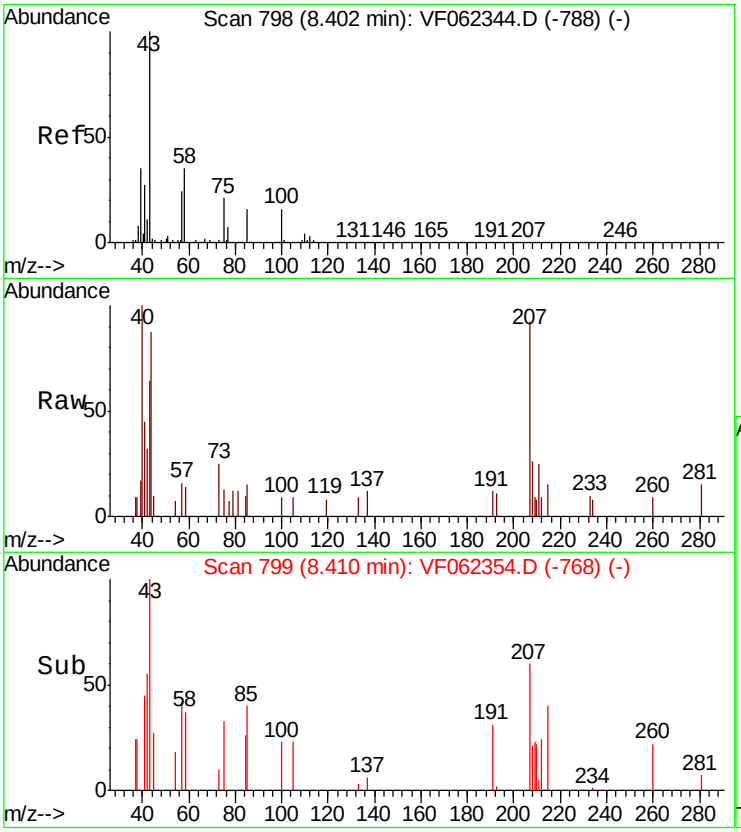


#50
Toluene-d8
Concen: 39.418 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Tgt Ion: 98 Resp: 316244

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.3	79.9



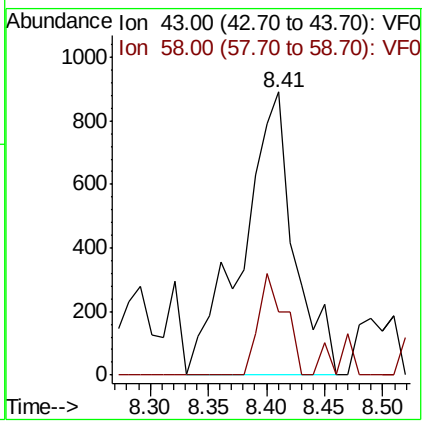


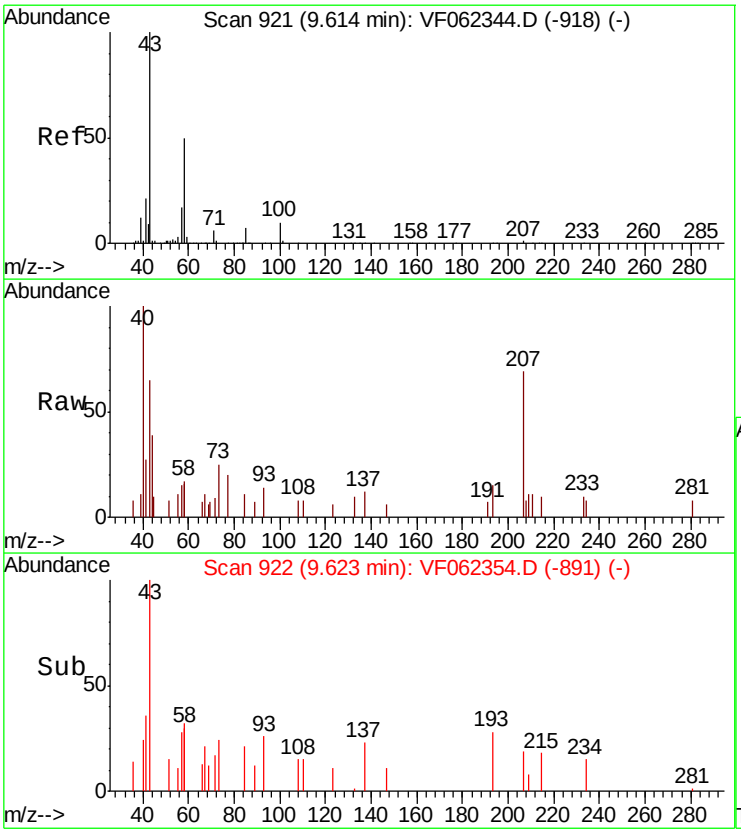
#51
4-Methyl-2-Pentanone
Concen: 2.230 ug/l
RT: 8.41 min Scan# 799
Delta R.T. 0.01 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Instrument :
MSVOA_F
ClientSampleId :
SP-1-B

Tgt Ion: 43 Resp: 2747

Ion	Ratio	Lower	Upper
43	100		
58	18.3	27.8	41.6#

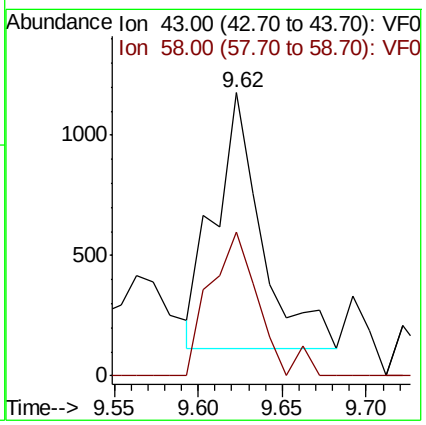


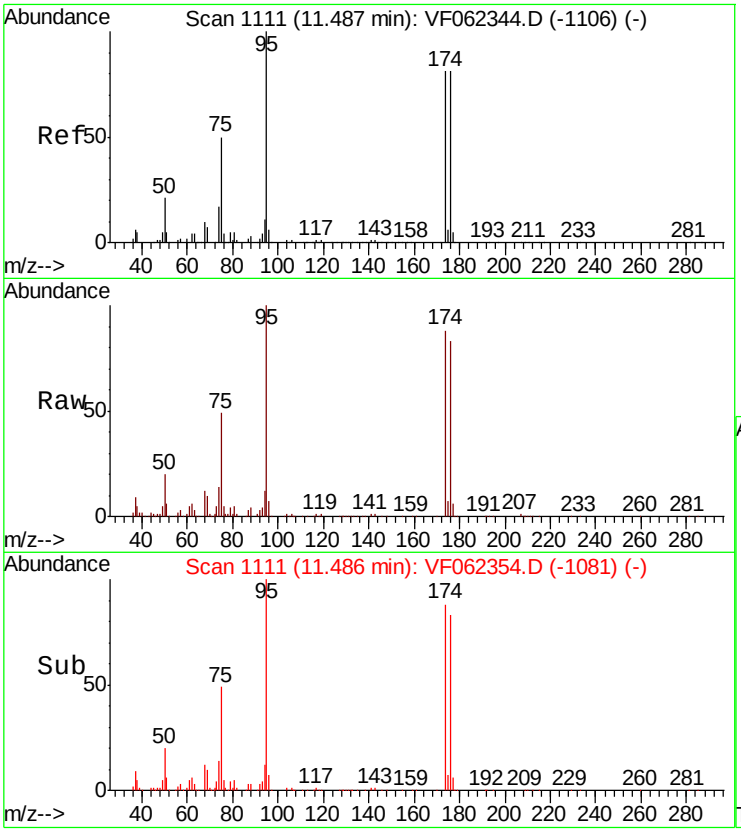


#59
2-Hexanone
Concen: 2.405 ug/l
RT: 9.62 min Scan# 922
Delta R.T. 0.01 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Tgt Ion: 43 Resp: 2049

Ion	Ratio	Lower	Upper
43	100		
58	59.2	24.3	73.0



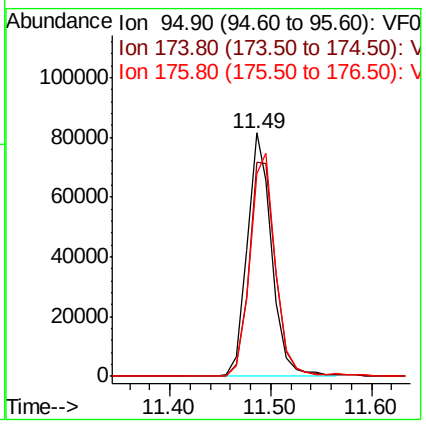


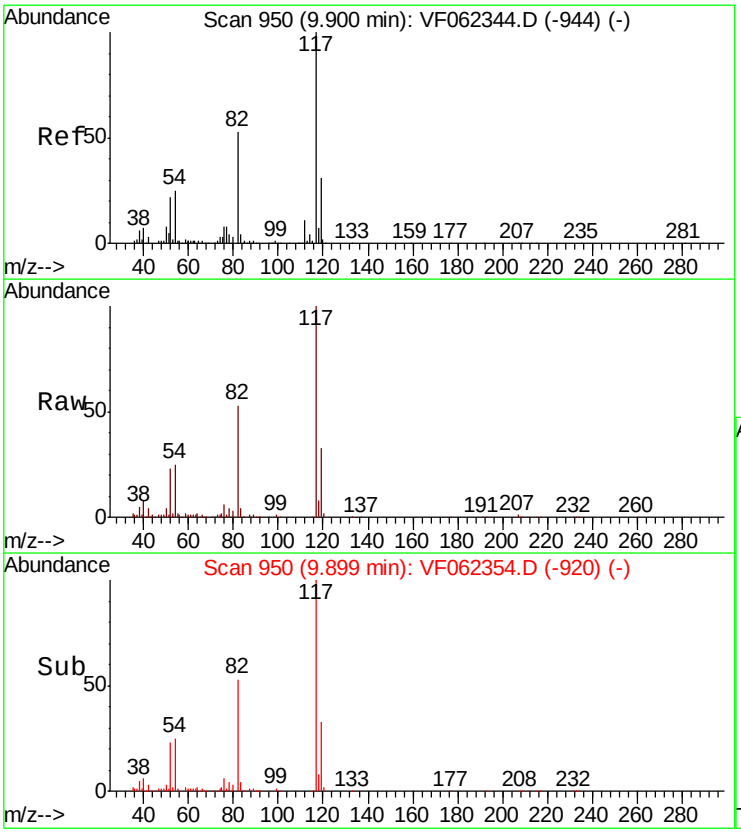
#62
4-Bromofluorobenzene
Concen: 38.262 ug/l
RT: 11.49 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Instrument :
MSVOA_F
ClientSampleId :
SP-1-B

Tgt Ion: 95 Resp: 138495

Ion	Ratio	Lower	Upper
95	100		
174	95.9	0.0	191.8
176	95.7	0.0	193.2

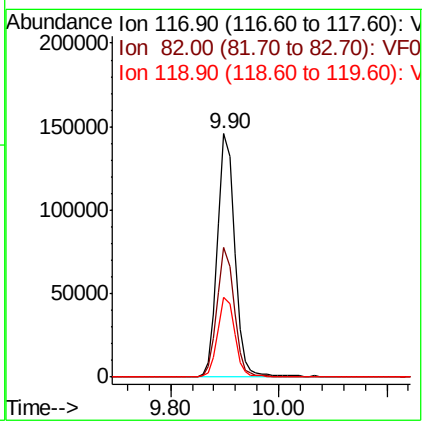


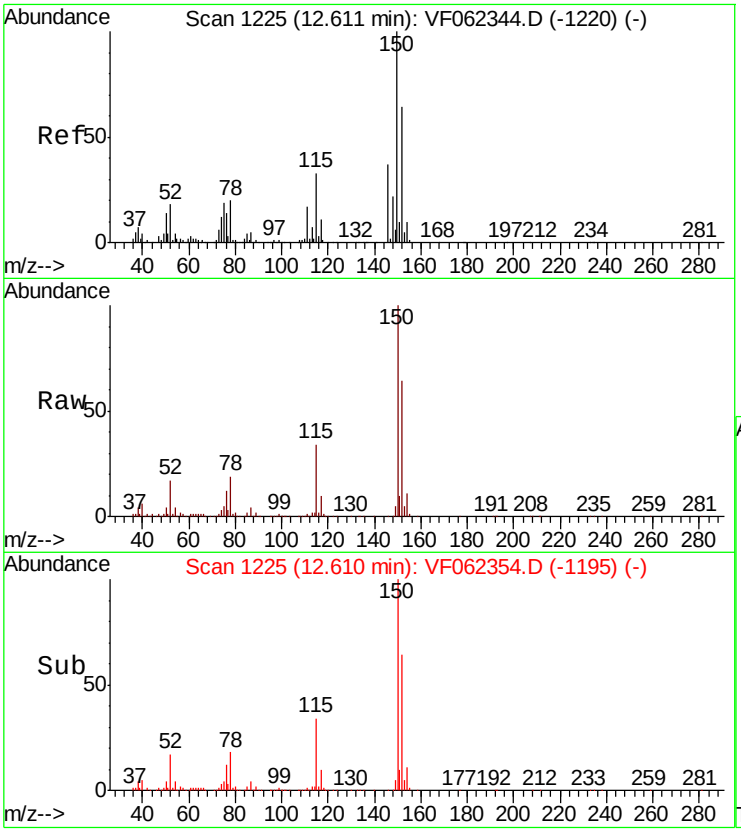


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.00 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Tgt Ion:117 Resp: 324954

Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.2	63.2
119	32.6	25.0	37.4



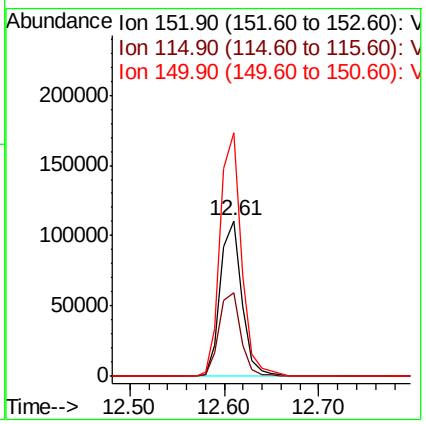


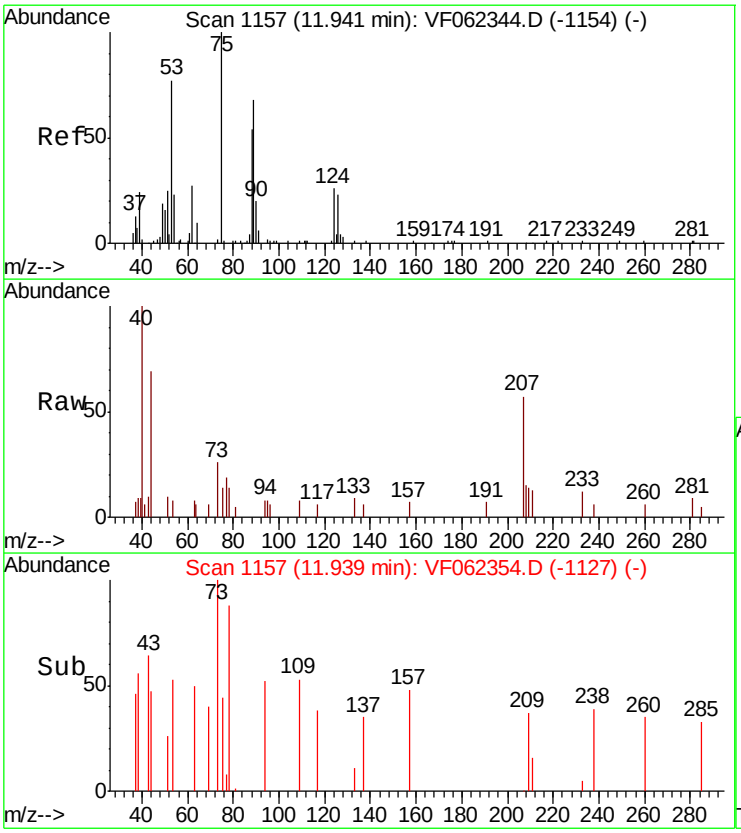
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Instrument :
MSVOA_F
ClientSampleId :
SP-1-B

Tgt Ion:152 Resp: 175536

Ion	Ratio	Lower	Upper
152	100		
115	55.2	26.4	79.2
150	154.4	0.0	335.0





#81
trans-1,4-Dichloro-2-butene
Concen: 1.697 ug/l
RT: 11.94 min Scan# 1157
Delta R.T. -0.00 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Tgt Ion: 75 Resp: 793

Ion	Ratio	Lower	Upper
75	100		
53	12.4	71.9	107.9#
89	8.4	0.0	0.0#