Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062428.D
Acq On : 10 May 2019 17:27
Operator : FY/SY
Sample : K2645-05RE
Misc : 5.91g/5mL/MSVOA_F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : PL-02-050719-CRE

Quant Time: May 10 17:48:18 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	5.05	168	427052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	578815	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	427581	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	262950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	224632	55.66	ug/l	0.01
Spiked Amount 50.000			Recovery = 111.32%			
35) Dibromofluoromethane	4.31	113	257811	55.91	ug/l	0.01
Spiked Amount 50.000			Recovery = 111.82%			
50) Toluene-d8	7.72	98	481525	43.14	ug/l	0.01
Spiked Amount 50.000			Recovery = 86.28%			
62) 4-Bromofluorobenzene	11.50	95	237773	47.21	ug/l	0.01
Spiked Amount 50.000			Recovery = 94.42%			
Target Compounds						Qvalue
5) Bromomethane	1.40	94	1639	Below Cal	#	3
8) Diethyl Ether	1.71	74	3558	3.486	ug/l	81
11) Tert butyl alcohol	2.70	59	1489	6.528	ug/l #	70
13) Acrolein	2.13	56	222	Below Cal	#	1
15) Acrylonitrile	3.06	53	615	1.423	ug/l #	85
16) Acetone	2.35	43	53053	64.983	ug/l	96
18) Methyl Acetate	2.50	43	16568	8.530	ug/l #	58
20) Methylene Chloride	2.33	84	15928	5.392	ug/l	93
25) 2-Butanone	4.49	43	1266	1.234	ug/l #	60
37) Ethyl Acetate	4.34	43	389	Below Cal	#	73
38) Carbon Tetrachloride	4.20	117	61	Below Cal	#	14
39) Methylcyclohexane	5.78	83	7861	1.576	ug/l #	38
49) 1,4-Dioxane	6.86	88	81	Below Cal	#	47
81) trans-1,4-Dichloro-2-buten	11.96	75	837	1.196	ug/l #	5

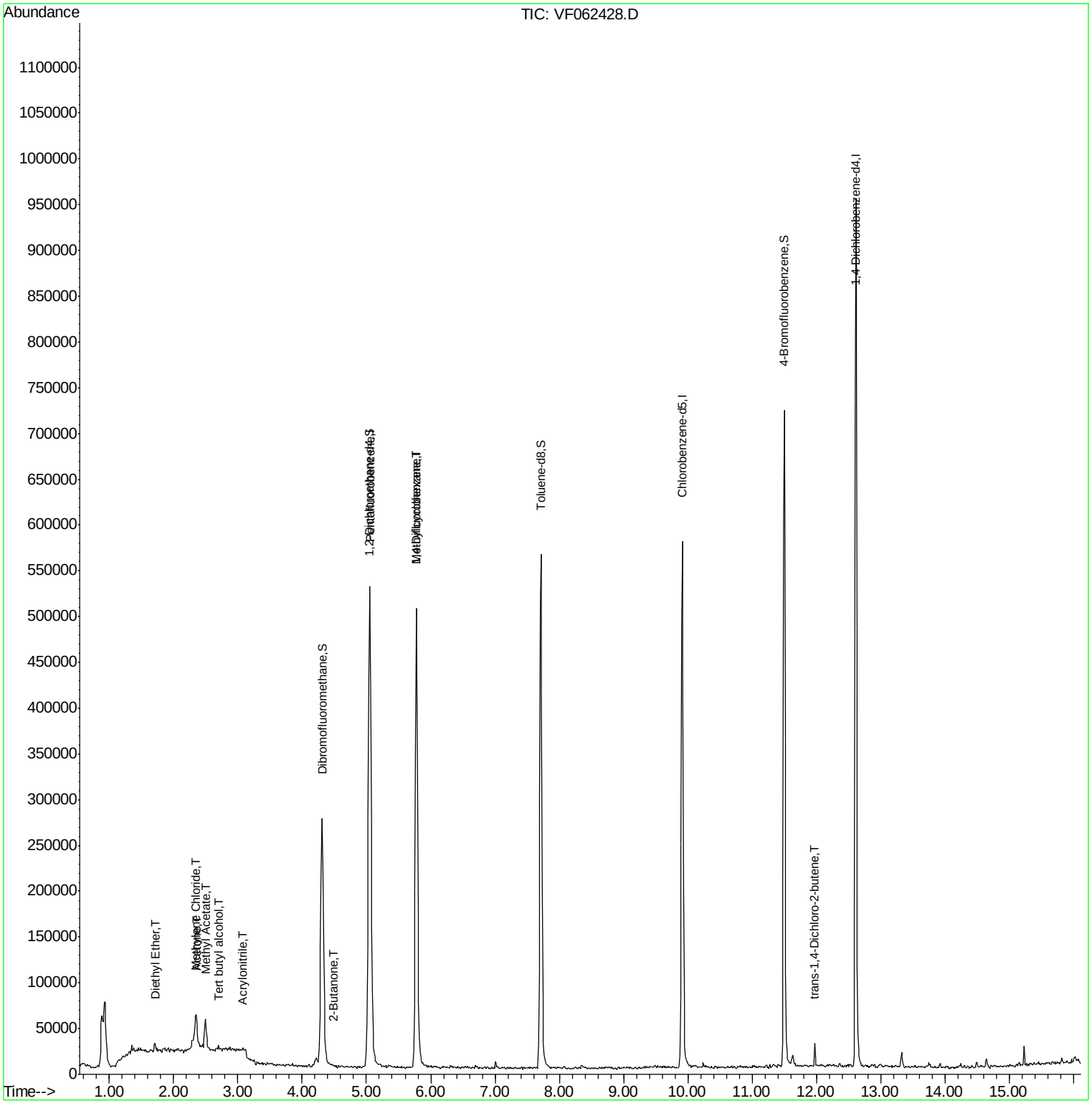
(#) = qualifier out of range (m) = manual integration (+) = signals summed

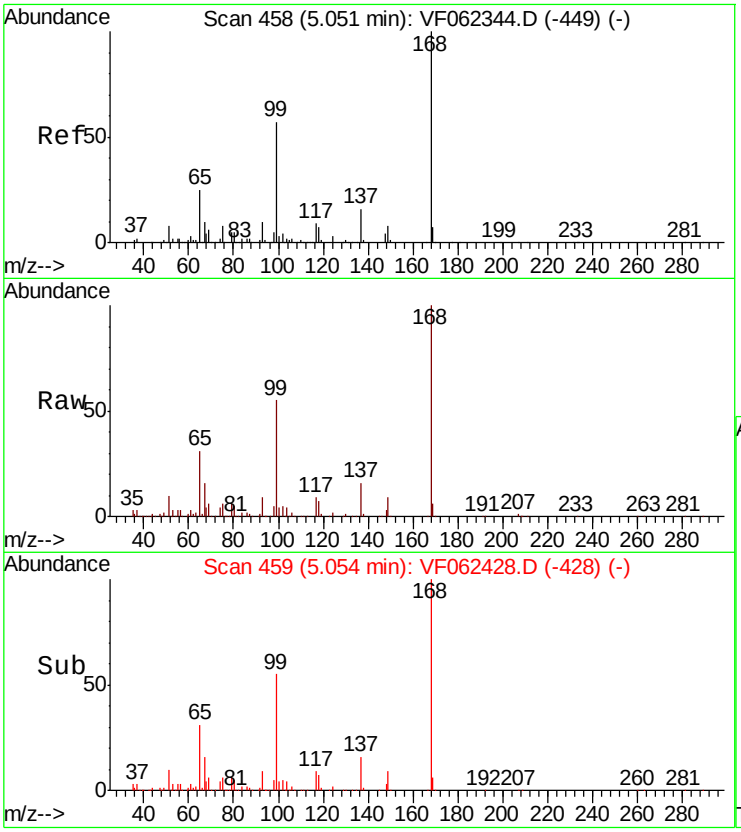
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062428.D
Acq On : 10 May 2019 17:27
Operator : FY/SY
Sample : K2645-05RE
Misc : 5.91g/5mL/MSVOA_F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : PL-02-050719-CRE

Quant Time: May 10 17:48:18 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



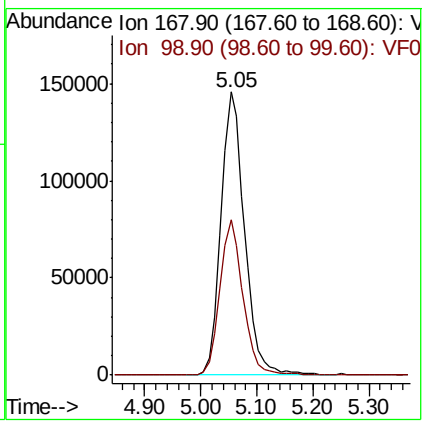


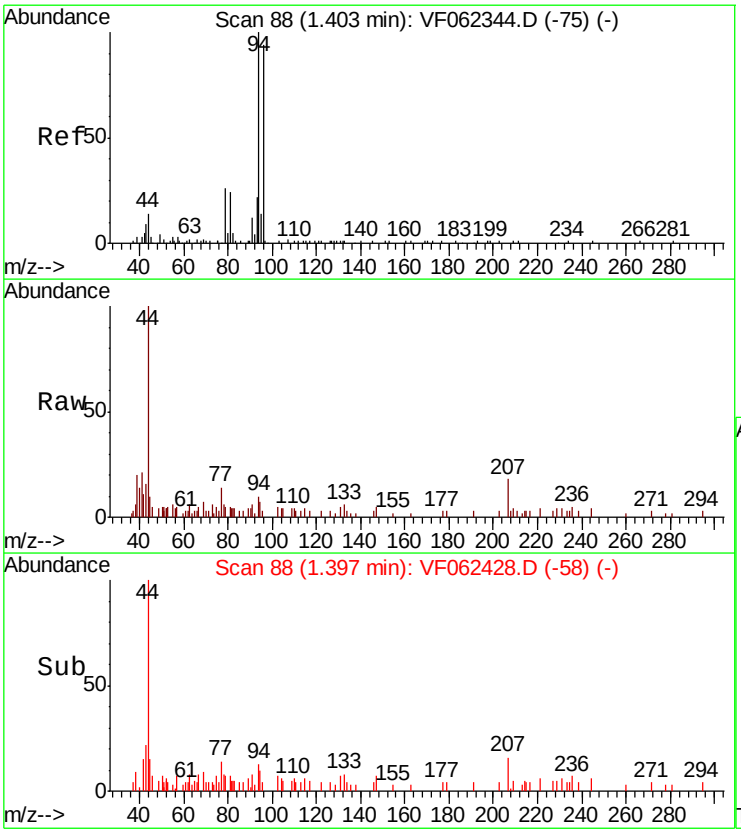
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 459
Delta R.T. 0.00 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-CRE

Tgt Ion:168 Resp: 427052

Ion	Ratio	Lower	Upper
168	100		
99	54.7	45.9	68.9

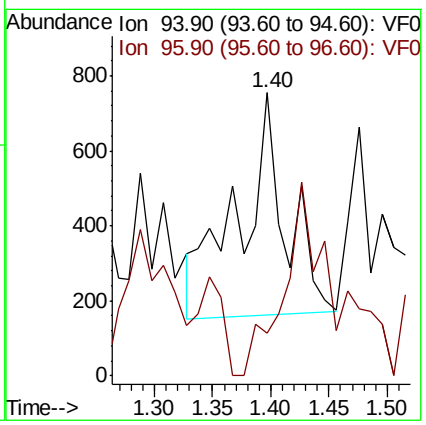


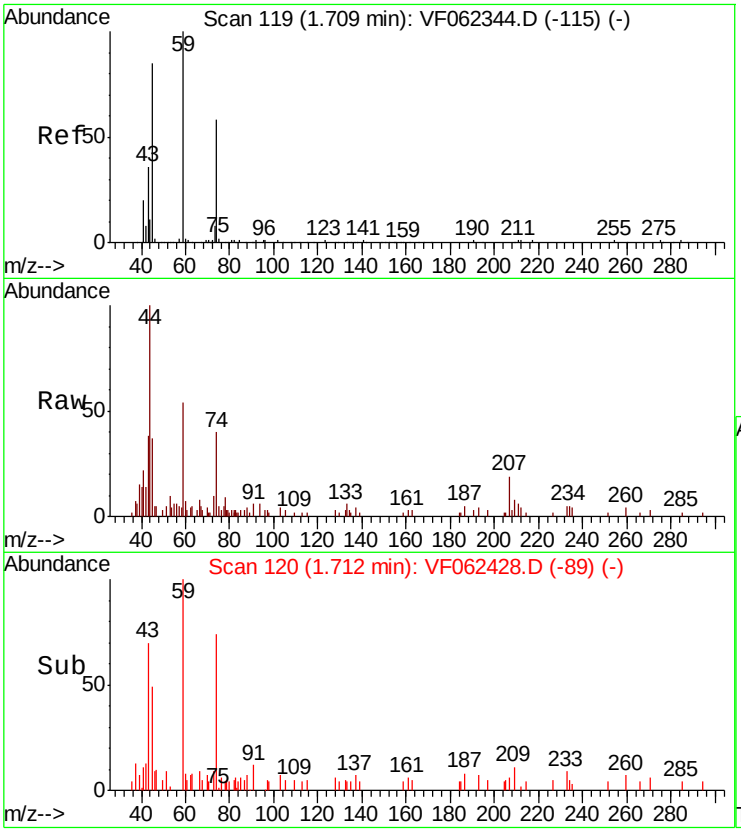


#5
Bromomethane
Concen: Below Cal
RT: 1.40 min Scan# 88
Delta R.T. -0.01 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Tgt Ion: 94 Resp: 1639

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.4	113.2#



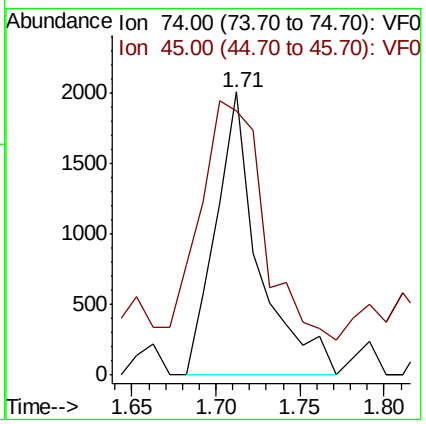


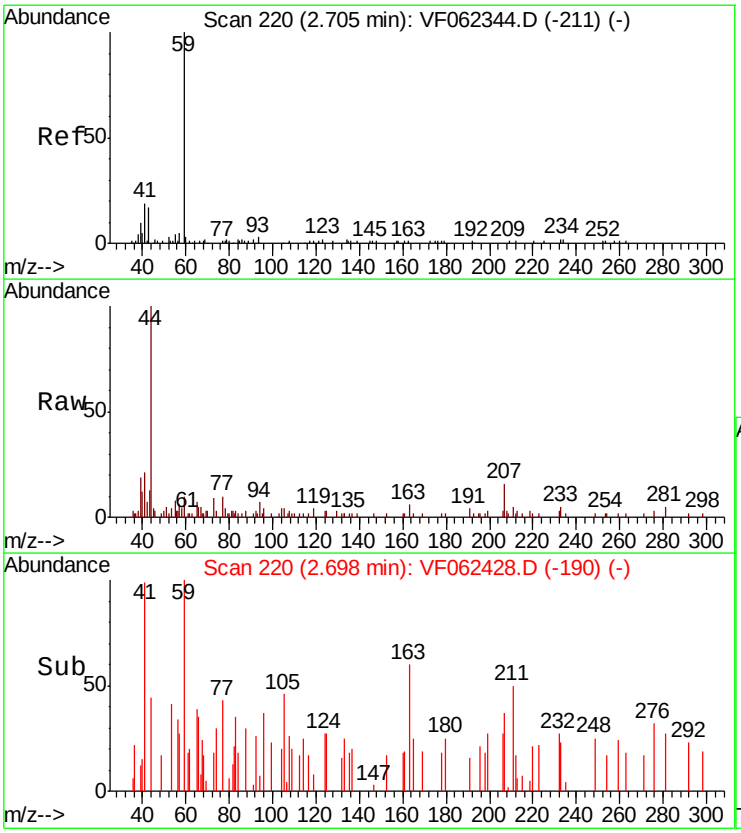
#8
Diethyl Ether
Concen: 3.486 ug/l
RT: 1.71 min Scan# 120
Delta R.T. 0.00 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-CRE

Tgt Ion: 74 Resp: 3558

Ion	Ratio	Lower	Upper
74	100		
45	123.4	73.9	221.6

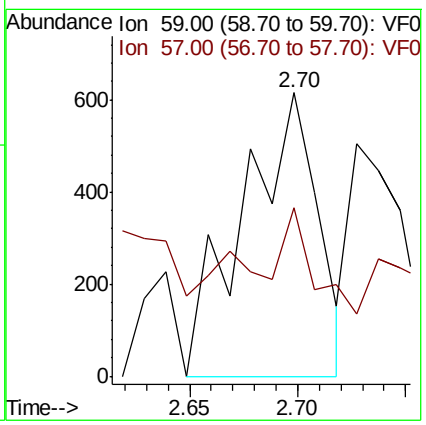


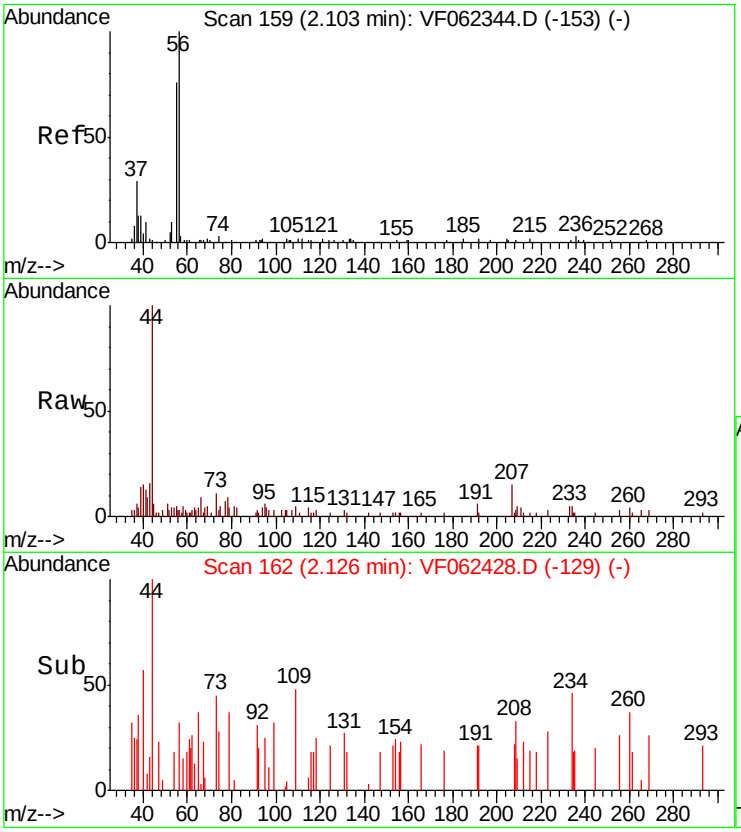


#11
Tert butyl alcohol
Concen: 6.528 ug/l
RT: 2.70 min Scan# 220
Delta R.T. -0.01 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Tgt Ion: 59 Resp: 1489

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#



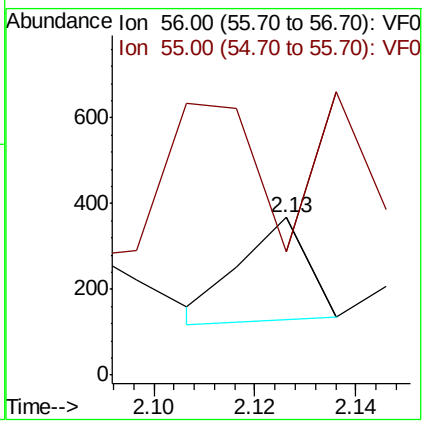


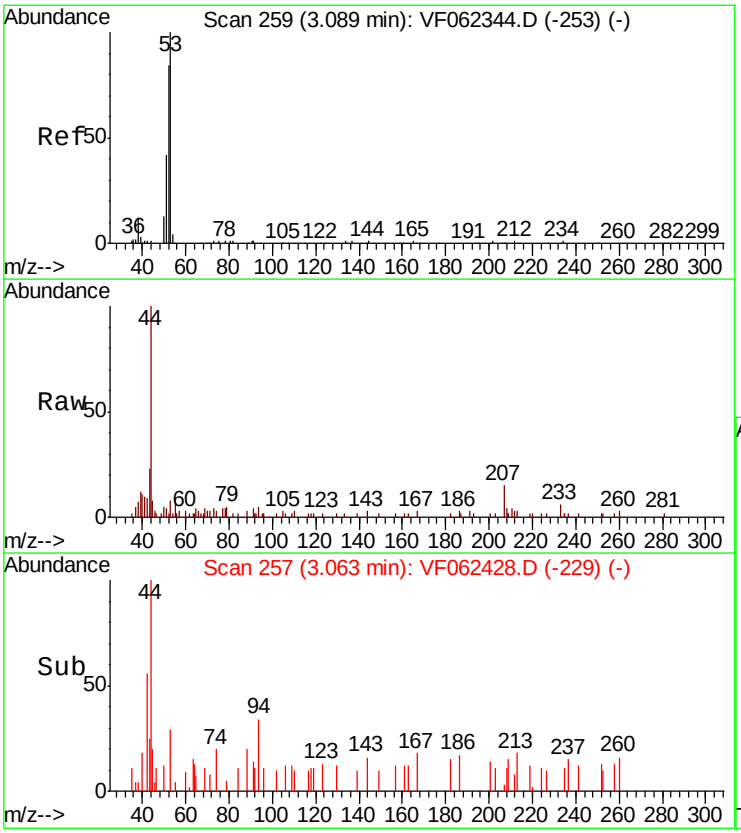
#13
Acrolein
Concen: Below Cal
RT: 2.13 min Scan# 162
Delta R.T. 0.02 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Instrument : MSVOA_F
ClientSampleId : PL-02-050719-CRE

Tgt Ion: 56 Resp: 222

Ion	Ratio	Lower	Upper
56	100		
55	202.3	58.4	87.6#

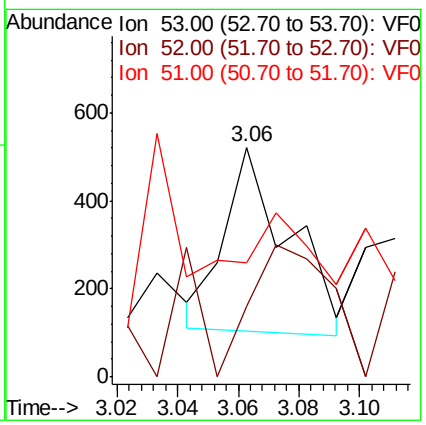


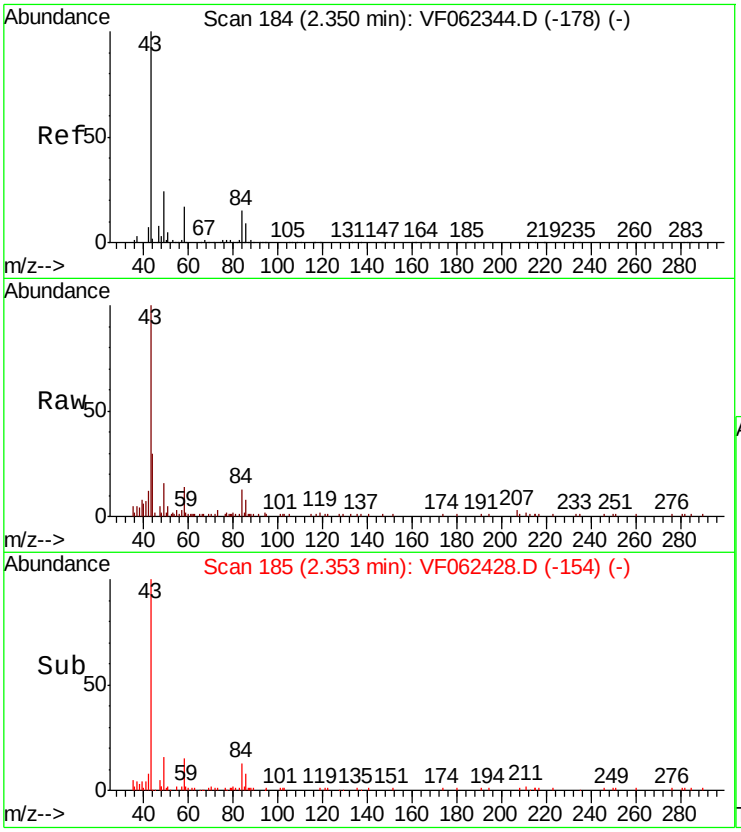


#15
Acrylonitrile
Concen: 1.423 ug/l
RT: 3.06 min Scan# 257
Delta R.T. -0.03 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Tgt Ion: 53 Resp: 615

Ion	Ratio	Lower	Upper
53	100		
52	89.4	77.2	115.8
51	30.2	40.6	61.0#



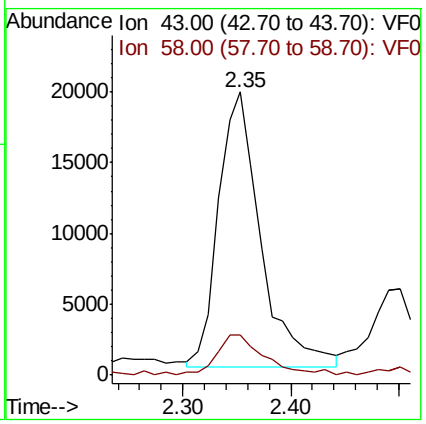


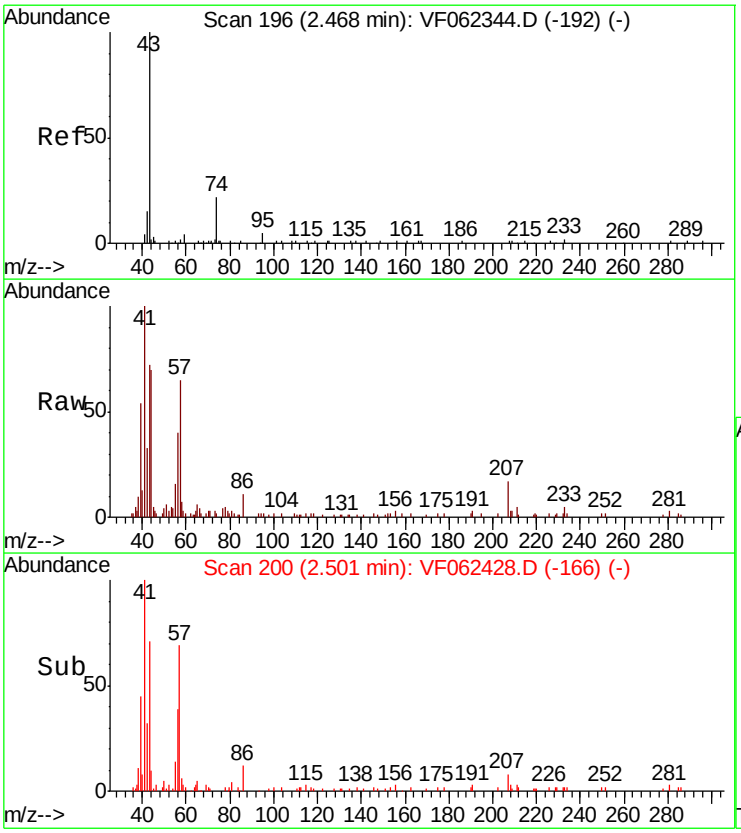
#16
Acetone
Concen: 64.983 ug/l
RT: 2.35 min Scan# 185
Delta R.T. 0.00 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-CRE

Tgt Ion: 43 Resp: 53053

Ion	Ratio	Lower	Upper
43	100		
58	14.7	13.1	19.7

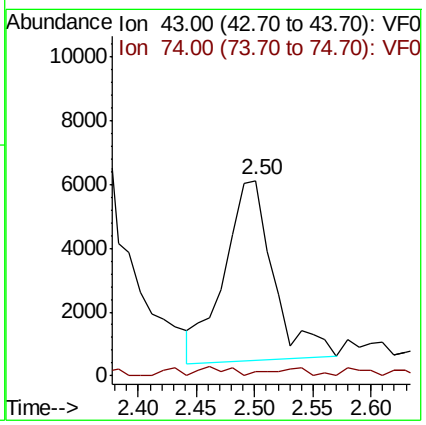


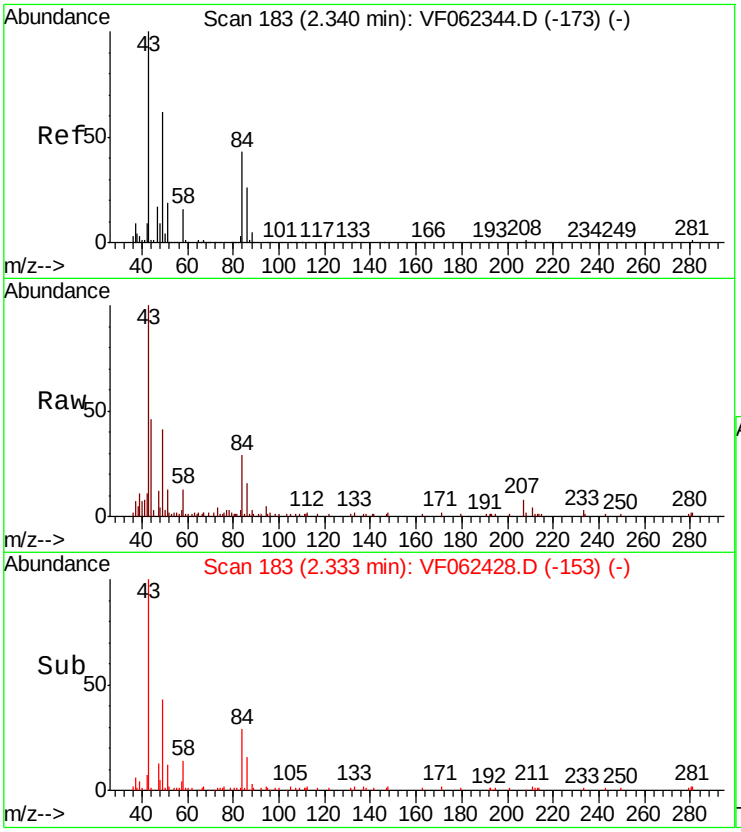


#18
Methyl Acetate
Concen: 8.530 ug/l
RT: 2.50 min Scan# 200
Delta R.T. 0.03 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Tgt Ion: 43 Resp: 16568

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.0	22.4#



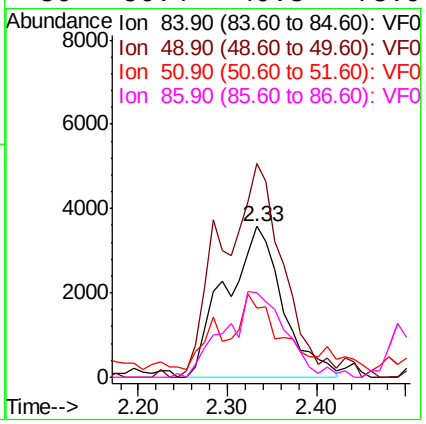


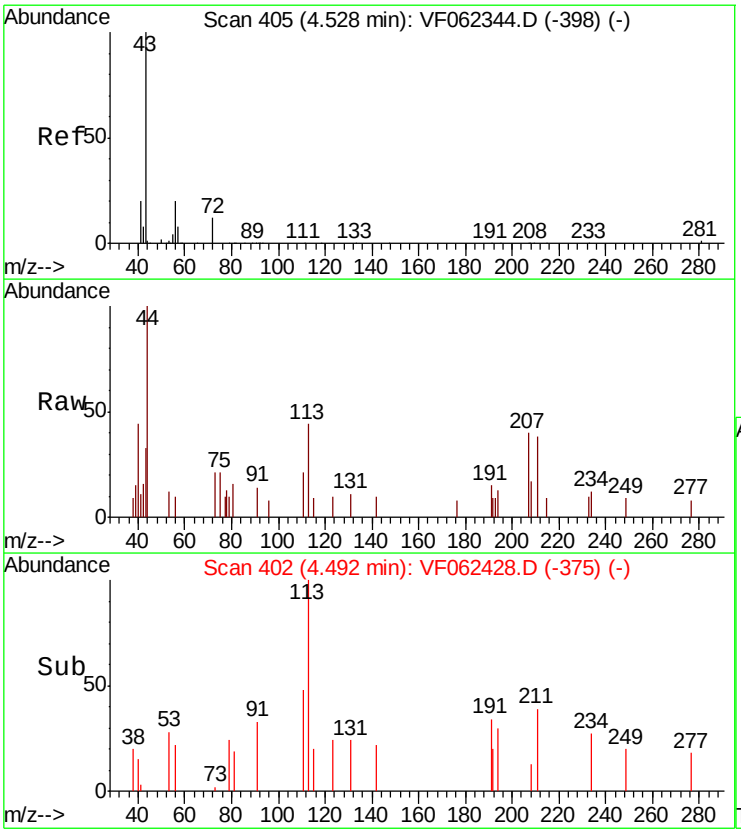
#20
Methylene Chloride
Concen: 5.392 ug/l
RT: 2.33 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-CRE

Tgt Ion: 84 Resp: 15928

Ion	Ratio	Lower	Upper
84	100		
49	137.8	117.5	176.3
51	40.9	37.0	55.4
86	56.4	49.3	73.9

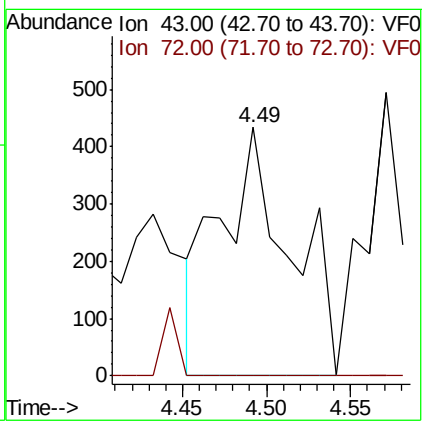


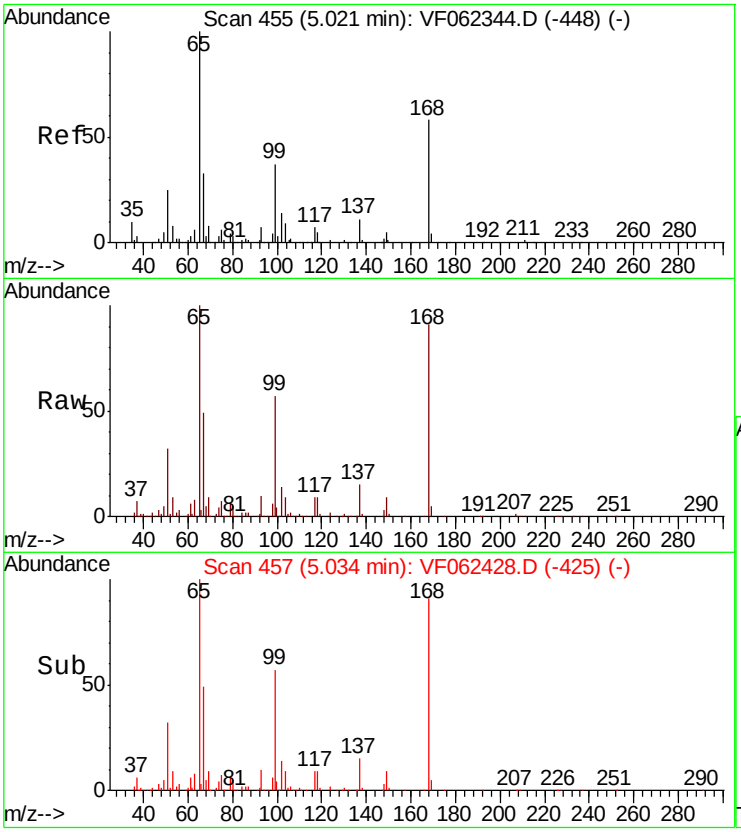


#25
2-Butanone
Concen: 1.234 ug/l
RT: 4.49 min Scan# 402
Delta R.T. -0.04 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Tgt Ion: 43 Resp: 1266

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#



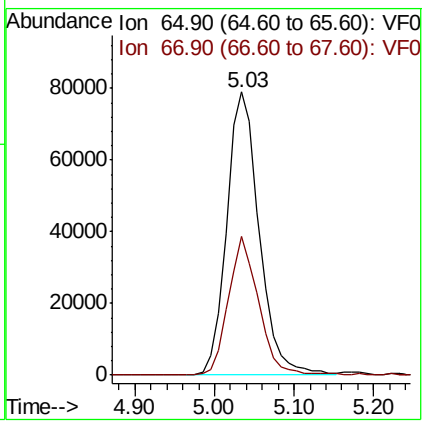


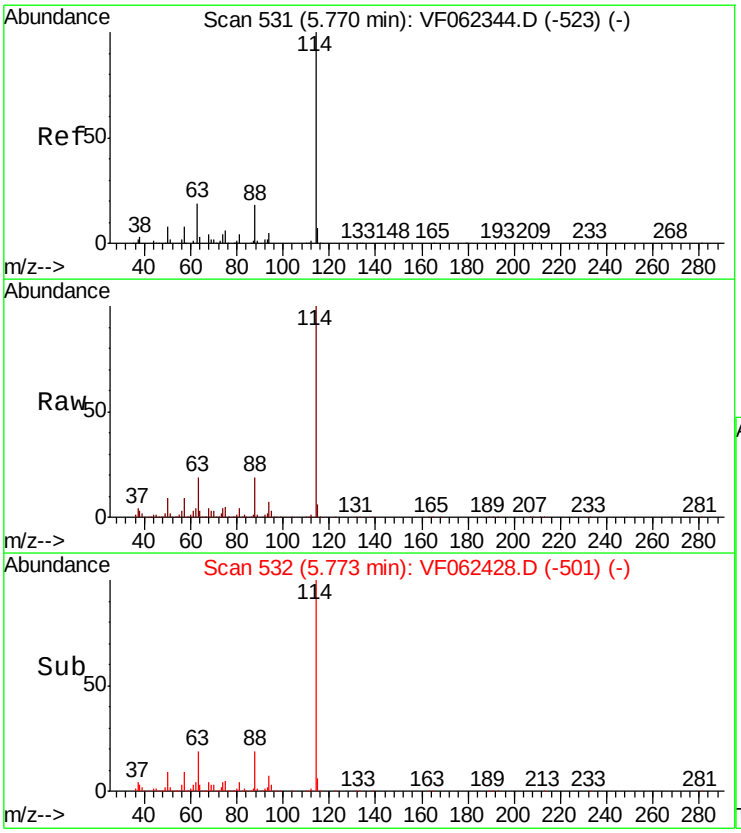
#33
1,2-Dichloroethane-d4
Concen: 55.660 ug/l
RT: 5.03 min Scan# 457
Delta R.T. 0.01 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Instrument : MSVOA_F
ClientSampleId : PL-02-050719-CRE

Tgt Ion: 65 Resp: 224632

Ion	Ratio	Lower	Upper
65	100		
67	45.9	0.0	85.8

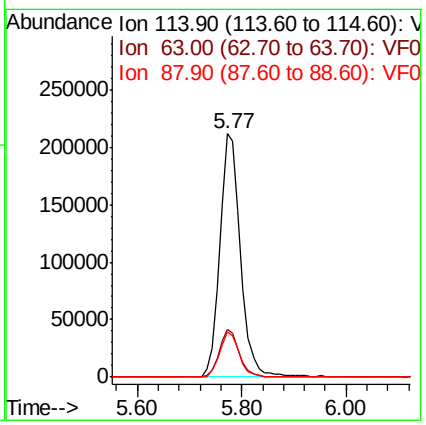


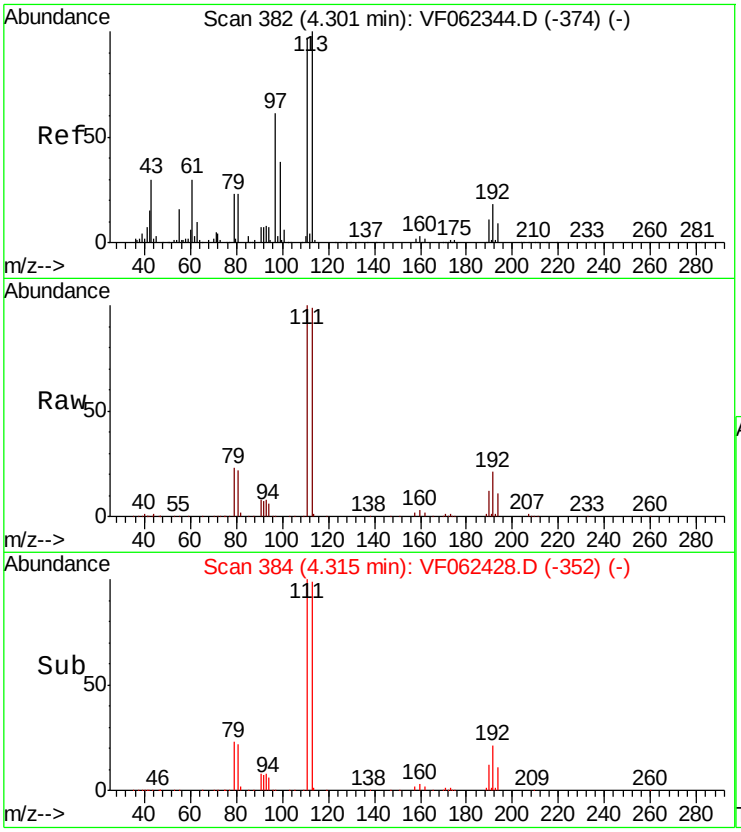


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 532
Delta R.T. 0.00 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Tgt Ion:114 Resp: 578815

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	37.4
88	18.6	0.0	36.4



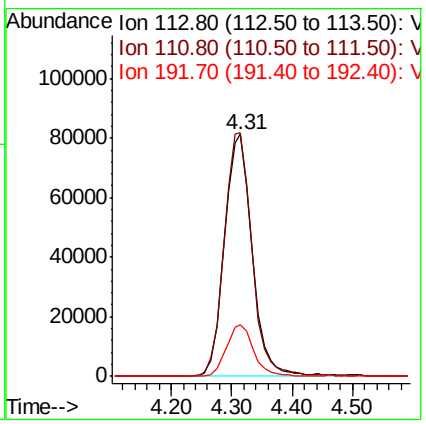


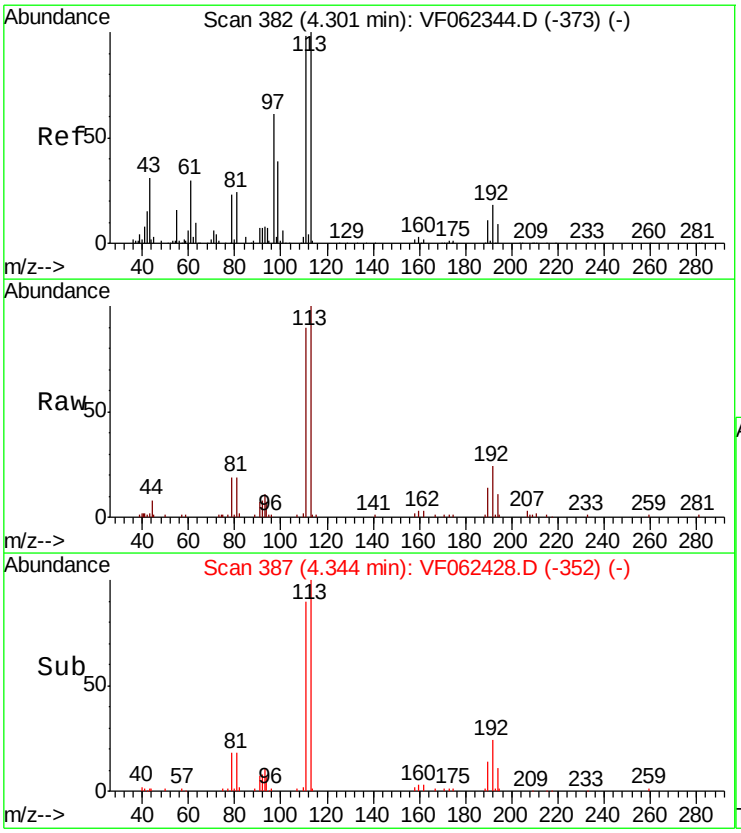
#35
Dibromofluoromethane
Concen: 55.908 ug/l
RT: 4.31 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-CRE

Tgt Ion:113 Resp: 257811

Ion	Ratio	Lower	Upper
113	100		
111	100.9	79.4	119.0
192	20.9	16.0	24.0

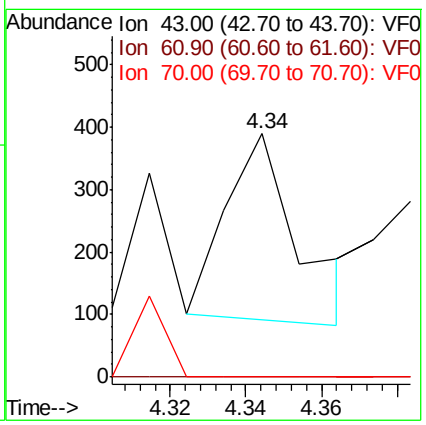


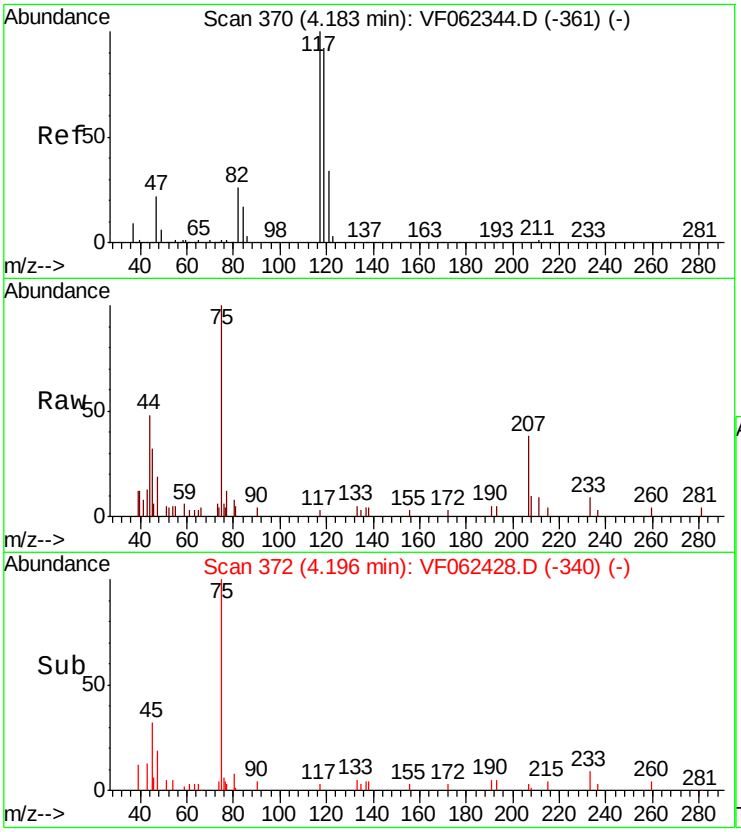


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 387
Delta R.T. 0.04 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Tgt Ion: 43 Resp: 389

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



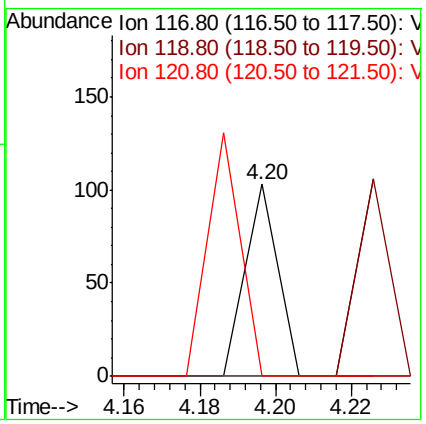


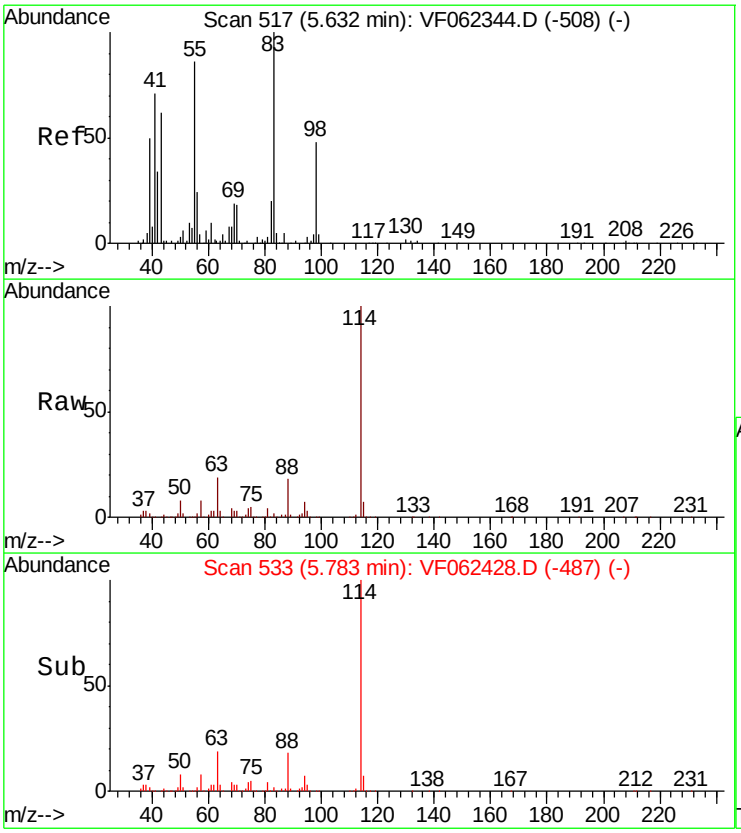
#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.20 min Scan# 372
Delta R.T. 0.01 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-CRE

Tgt Ion:117 Resp: 61

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

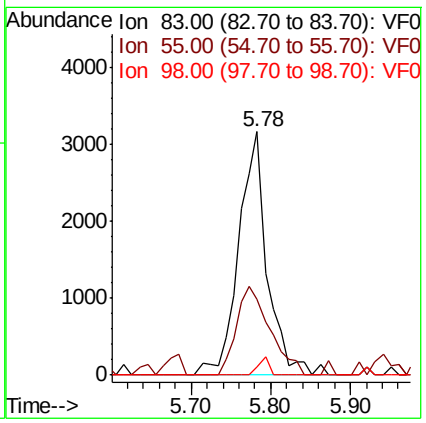


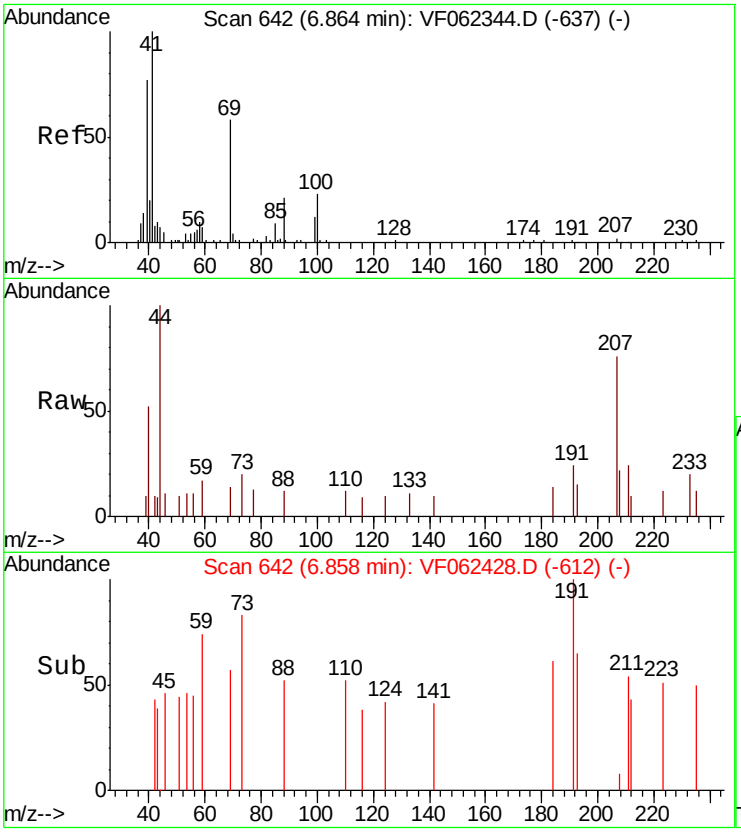


#39
Methylcyclohexane
Concen: 1.576 ug/l
RT: 5.78 min Scan# 533
Delta R.T. 0.15 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Tgt Ion: 83 Resp: 7861

Ion	Ratio	Lower	Upper
83	100		
55	31.3	69.0	103.6#
98	3.3	38.6	58.0#



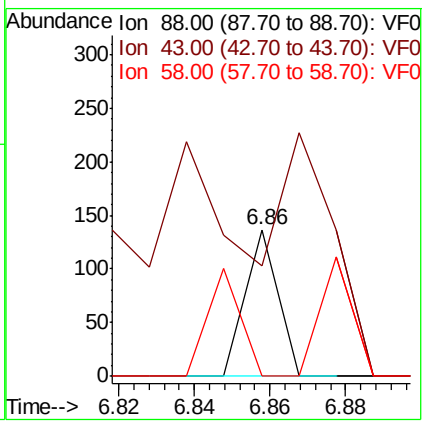


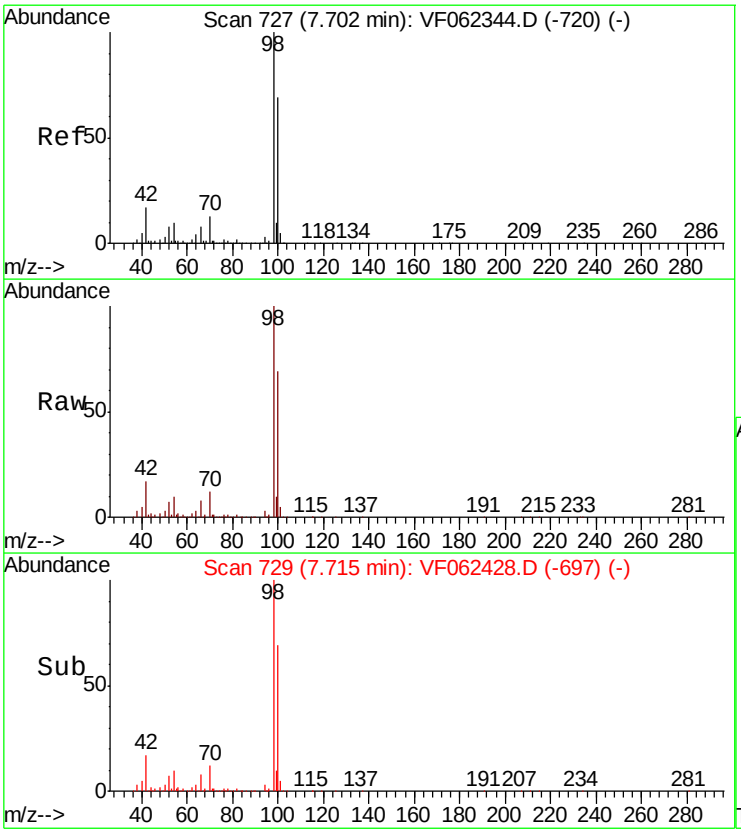
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.86 min Scan# 642
Delta R.T. -0.01 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-CRE

Tgt Ion: 88 Resp: 81

Ion	Ratio	Lower	Upper
88	100		
43	0.0	55.6	83.4#
58	81.5	52.8	79.2#

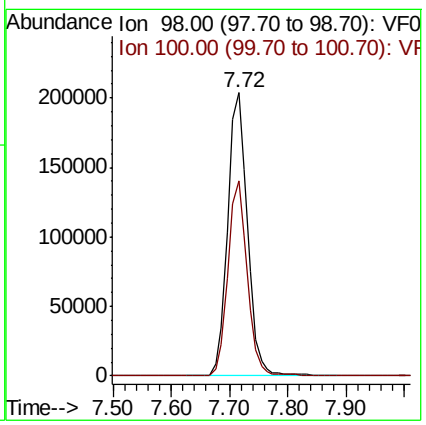


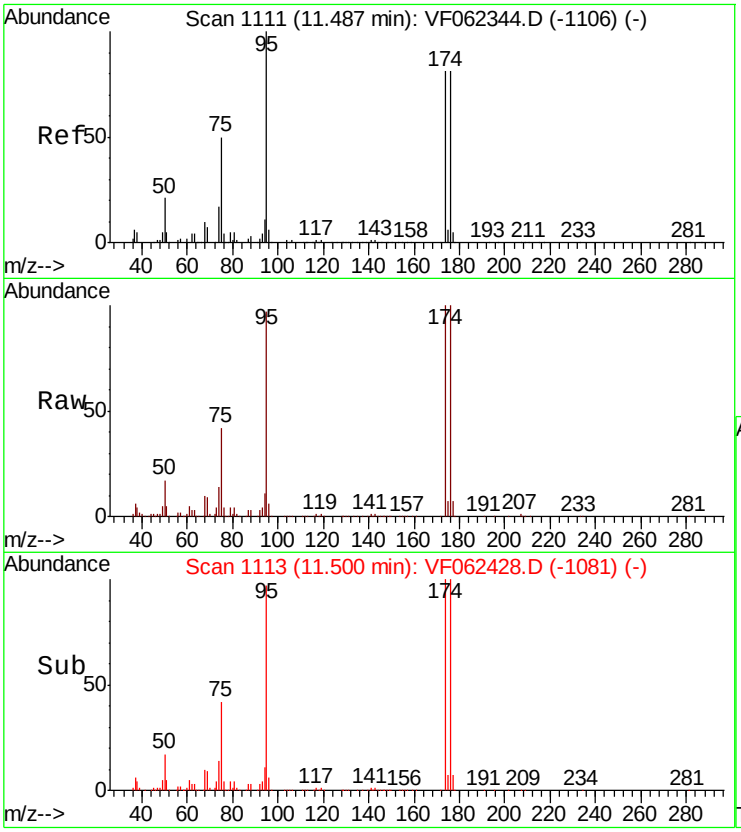


#50
Toluene-d8
Concen: 43.138 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Tgt Ion: 98 Resp: 481525

Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.3	79.9



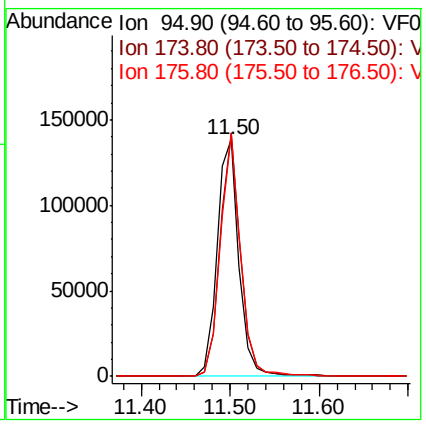


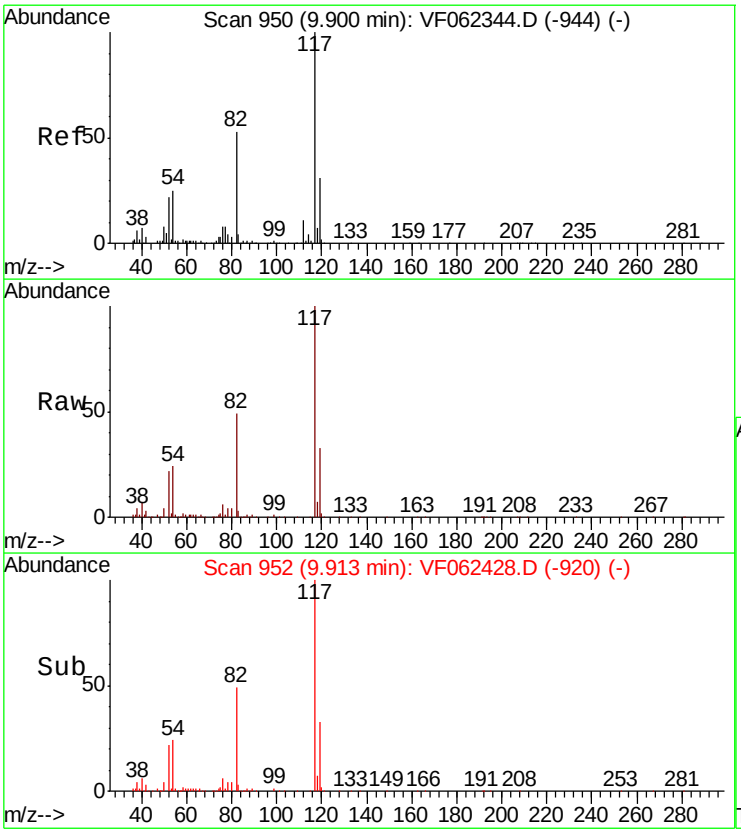
#62
4-Bromofluorobenzene
Concen: 47.214 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-CRE

Tgt Ion: 95 Resp: 237773

Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	191.8
176	96.5	0.0	193.2

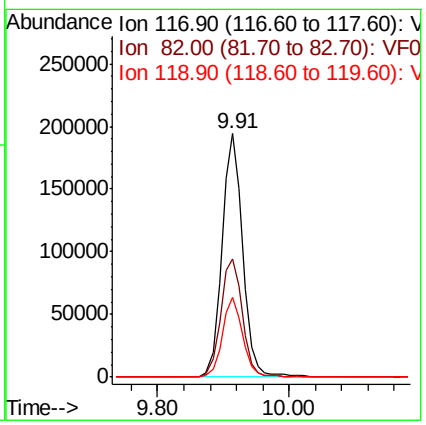


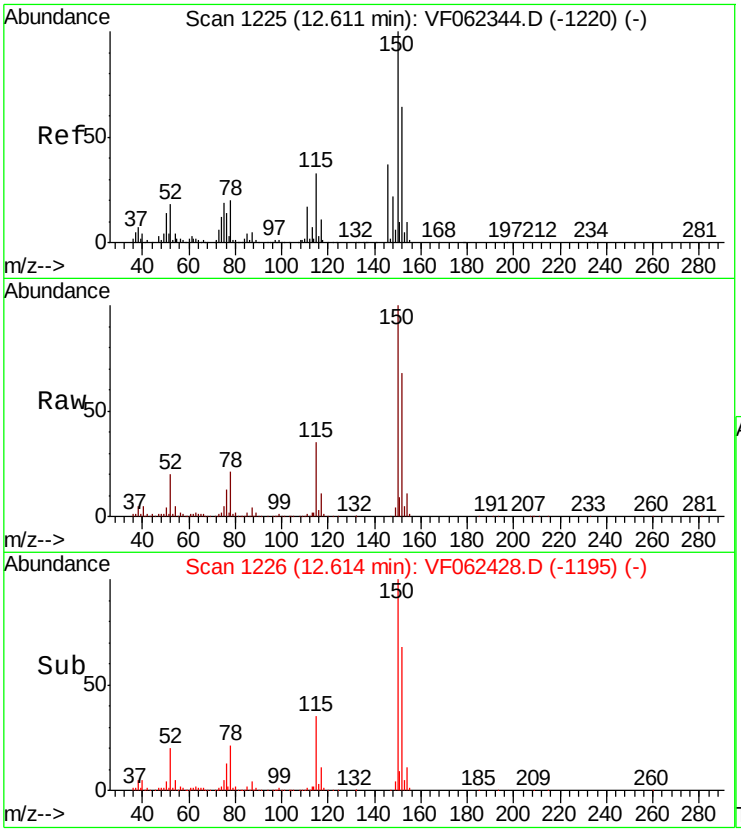


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Tgt Ion:117 Resp: 427581

Ion	Ratio	Lower	Upper
117	100		
82	48.7	42.2	63.2
119	32.9	25.0	37.4



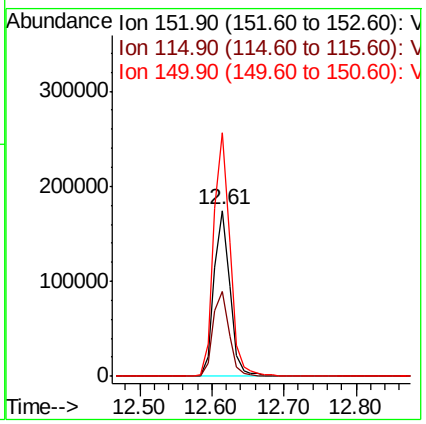


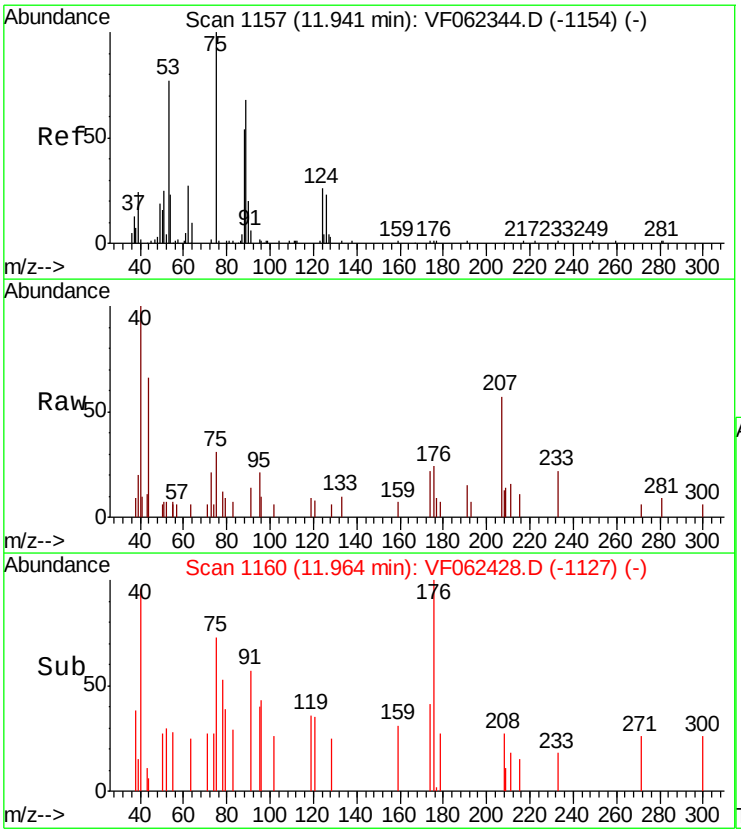
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-CRE

Tgt Ion:152 Resp: 262950

Ion	Ratio	Lower	Upper
152	100		
115	52.6	26.4	79.2
150	149.8	0.0	335.0





#81
trans-1,4-Dichloro-2-butene
Concen: 1.196 ug/l
RT: 11.96 min Scan# 1160
Delta R.T. 0.02 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Tgt Ion: 75 Resp: 837

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