Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF070618\
Data File : VF059459.D
Acq On : 6 Jul 2018 19:40
Operator : VA/AP
Sample : J3868-07
Misc : 5.50g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TP-7-D

Quant Time: Jul 07 01:51:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	212776	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.74	114	335934	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	328487	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	224317	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	162348	59.06	ug/l	-0.02
Spiked Amount 50.000			Recovery = 118.12%			
35) Dibromofluoromethane	4.26	113	140838	57.38	ug/l	-0.02
Spiked Amount 50.000			Recovery = 114.76%			
50) Toluene-d8	7.68	98	276702	45.53	ug/l	-0.02
Spiked Amount 50.000			Recovery = 91.06%			
62) 4-Bromofluorobenzene	11.50	95	182939	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.72%			
Target Compounds						Qvalue
5) Bromomethane	1.31	94	154	Below Cal		82
11) Tert butyl alcohol	2.67	59	509	2.781	ug/l #	42
13) Acrolein	2.03	56	234	Below Cal		90
15) Acrylonitrile	3.04	53	471	1.461	ug/l #	48
16) Acetone	2.32	43	8953	2.962	ug/l	93
20) Methylene Chloride	2.26	84	7624	Below Cal	#	93
25) 2-Butanone	4.51	43	1030	Below Cal	#	86
28) Bromochloromethane	3.95	49	64	Below Cal	#	6
29) Tetrahydrofuran	4.24	42	460	Below Cal	#	36
30) Chloroform	4.01	83	4717	1.008	ug/l #	67
37) Ethyl Acetate	4.25	43	794	Below Cal	#	26
39) Methylcyclohexane	5.73	83	5374	2.066	ug/l #	38
49) 1,4-Dioxane	7.24	88	62	Below Cal	#	20
59) 2-Hexanone	9.61	43	723	Below Cal	#	30
87) 1,3-Dichlorobenzene	12.54	146	486	Below Cal	#	23

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

Quantitation Report (Not Reviewed)

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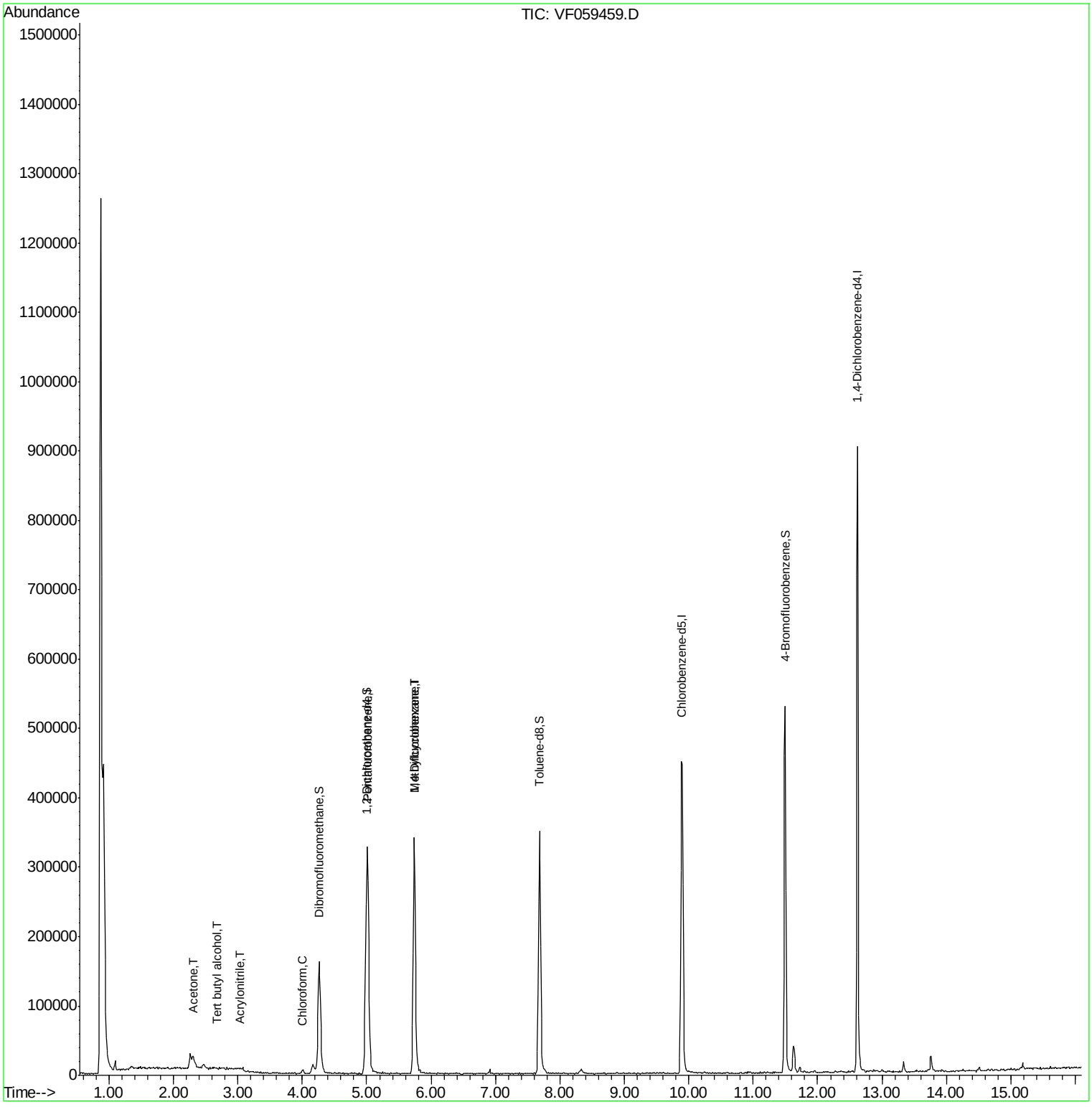
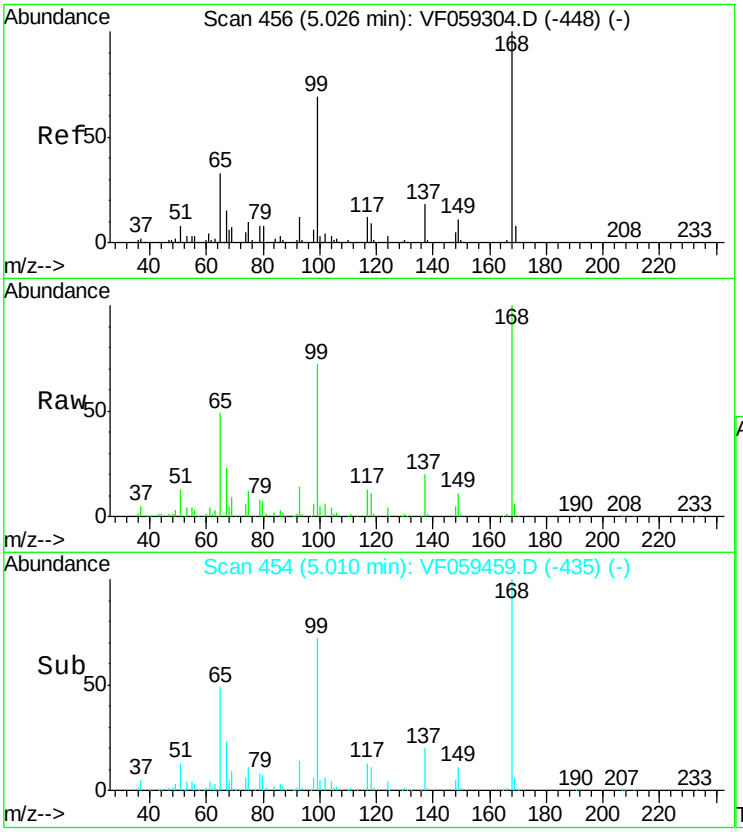
Data File : VF059459.D
Acq On : 6 Jul 2018 19:40
Operator : VA/AP
Sample : J3868-07
Misc : 5.50g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-7-D

Quant Time: Jul 07 01:51:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration



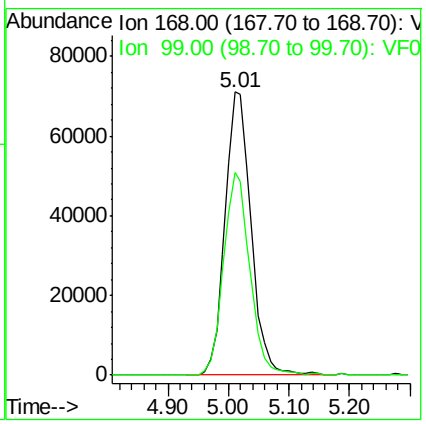


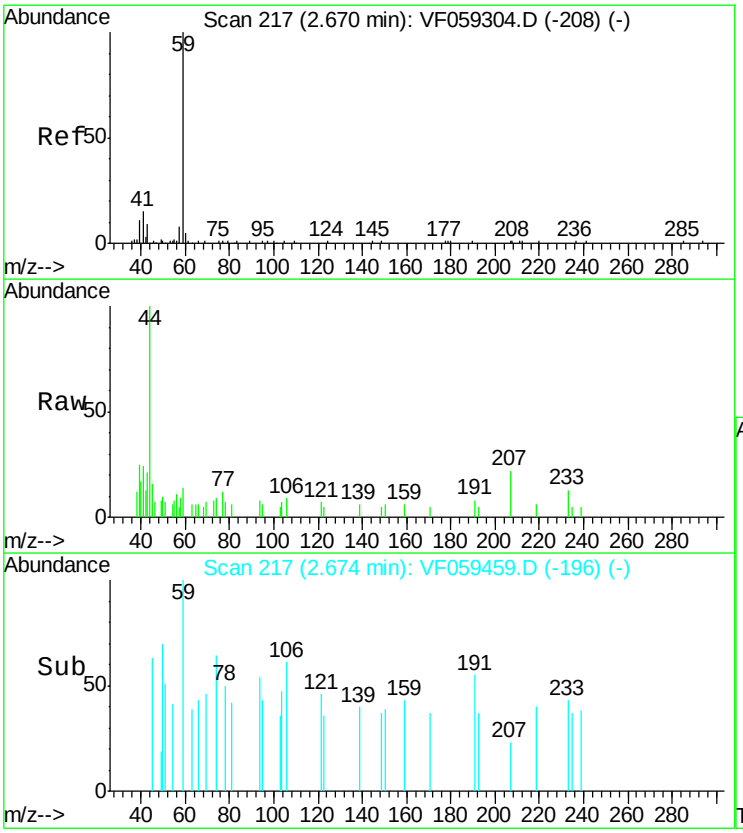
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.02 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
TP-7-D

Tgt Ion:168 Resp: 212776

Ion	Ratio	Lower	Upper
168	100		
99	71.7	54.9	82.3

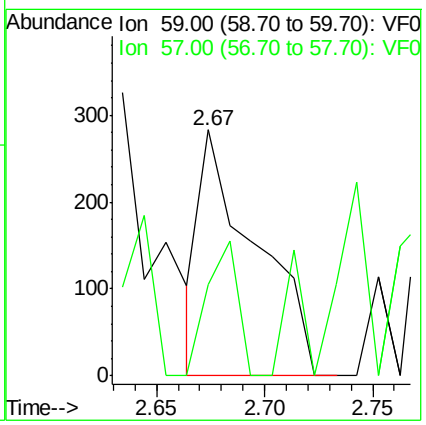


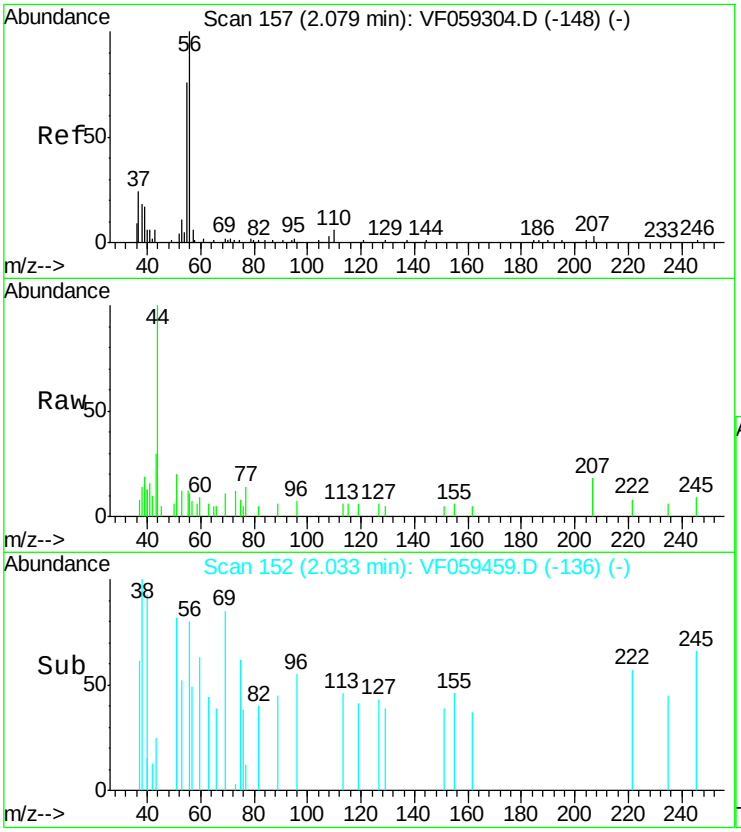


#11
Tert butyl alcohol
Concen: 2.781 ug/l
RT: 2.67 min Scan# 217
Delta R.T. 0.00 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Tgt Ion: 59 Resp: 509

Ion	Ratio	Lower	Upper
59	100		
57	37.1	11.0	16.4#



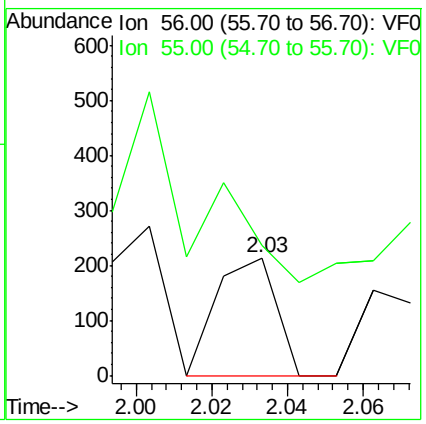


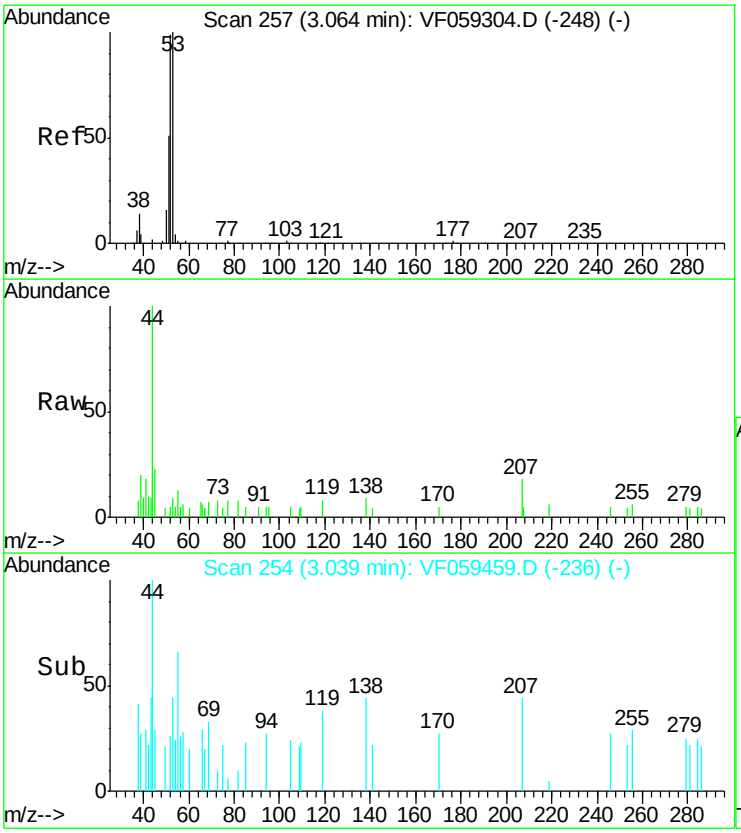
#13
Acrolein
Concen: Below Cal
RT: 2.03 min Scan# 152
Delta R.T. -0.04 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Instrument : MSVOA_F
ClientSampleId : TP-7-D

Tgt Ion: 56 Resp: 234

Ion	Ratio	Lower	Upper
56	100		
55	68.9	62.4	93.6

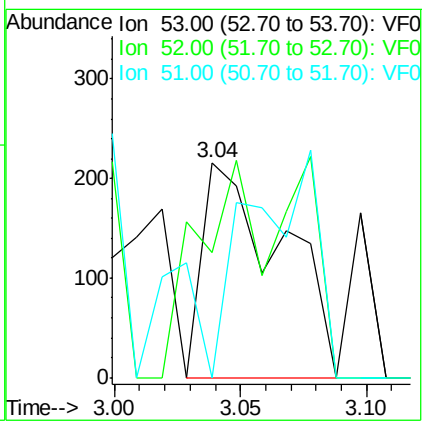


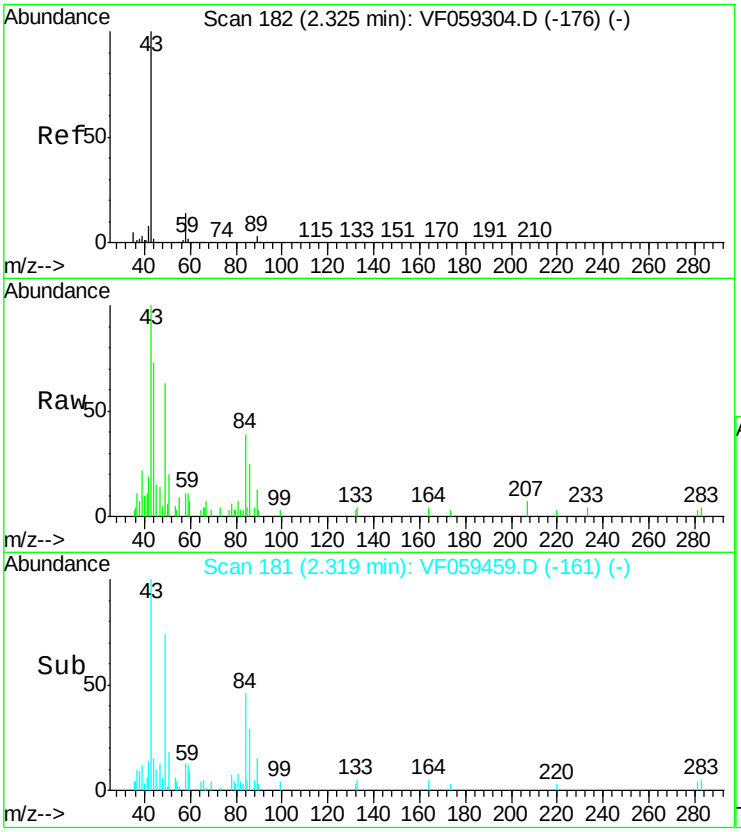


#15
Acrylonitrile
Concen: 1.461 ug/l
RT: 3.04 min Scan# 254
Delta R.T. -0.03 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Tgt Ion: 53 Resp: 471

Ion	Ratio	Lower	Upper
53	100		
52	57.9	79.2	118.8#
51	0.0	40.9	61.3#



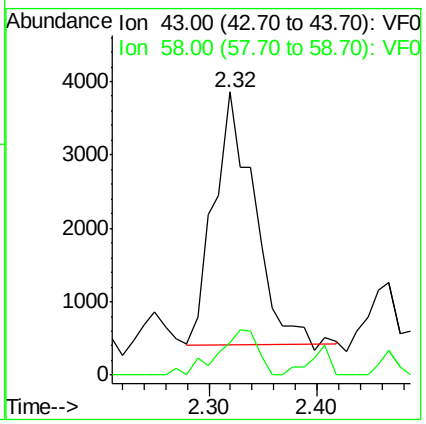


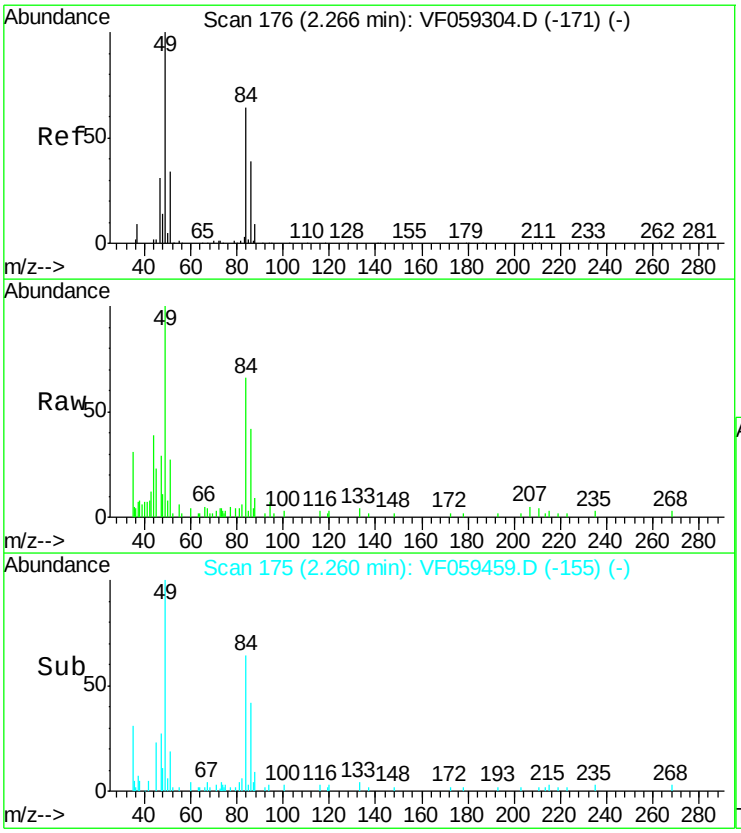
#16
Acetone
Concen: 2.962 ug/l
RT: 2.32 min Scan# 181
Delta R.T. -0.01 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Instrument : MSVOA_F
ClientSampleId : TP-7-D

Tgt Ion: 43 Resp: 8953

Ion	Ratio	Lower	Upper
43	100		
58	11.5	11.4	17.0

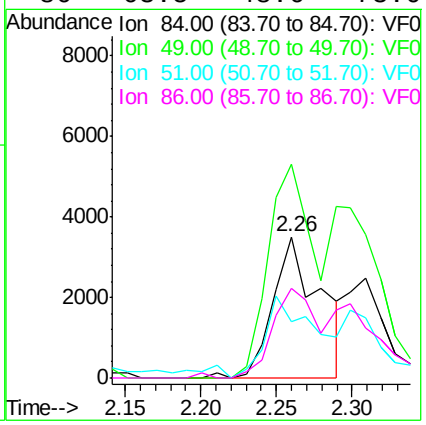


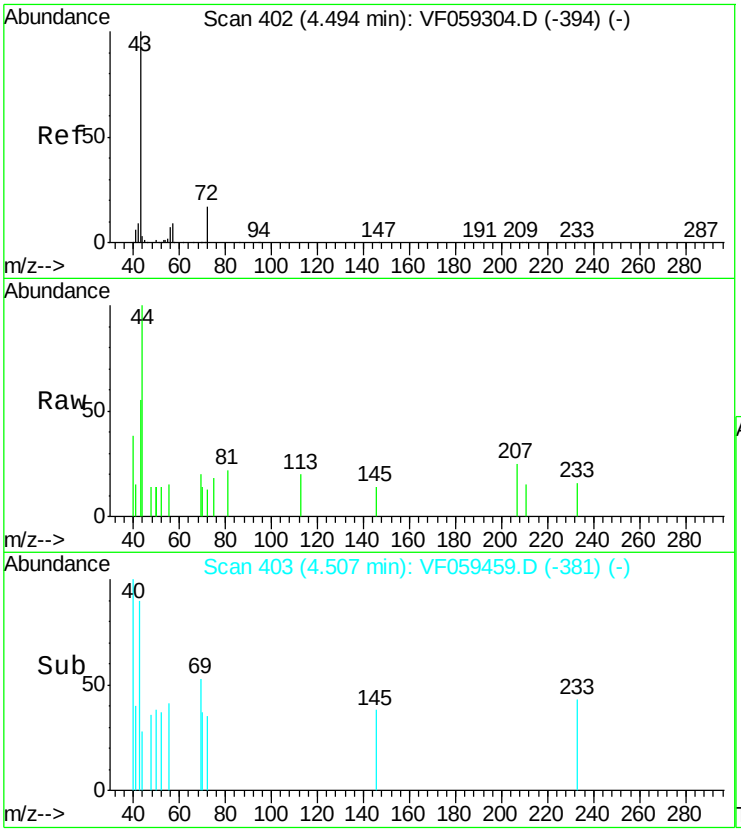


#20
Methylene Chloride
Concen: Below Cal
RT: 2.26 min Scan# 175
Delta R.T. -0.01 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Tgt Ion: 84 Resp: 7624

Ion	Ratio	Lower	Upper
84	100		
49	151.5	126.5	189.7
51	40.3	42.9	64.3#
86	63.5	48.6	73.0



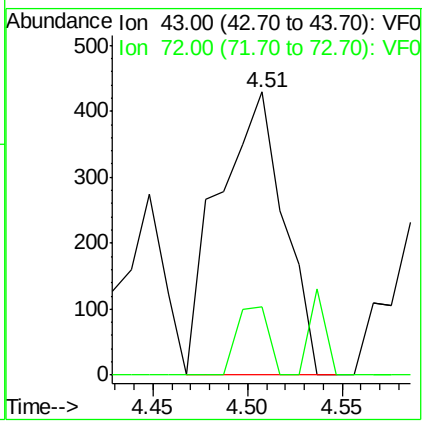


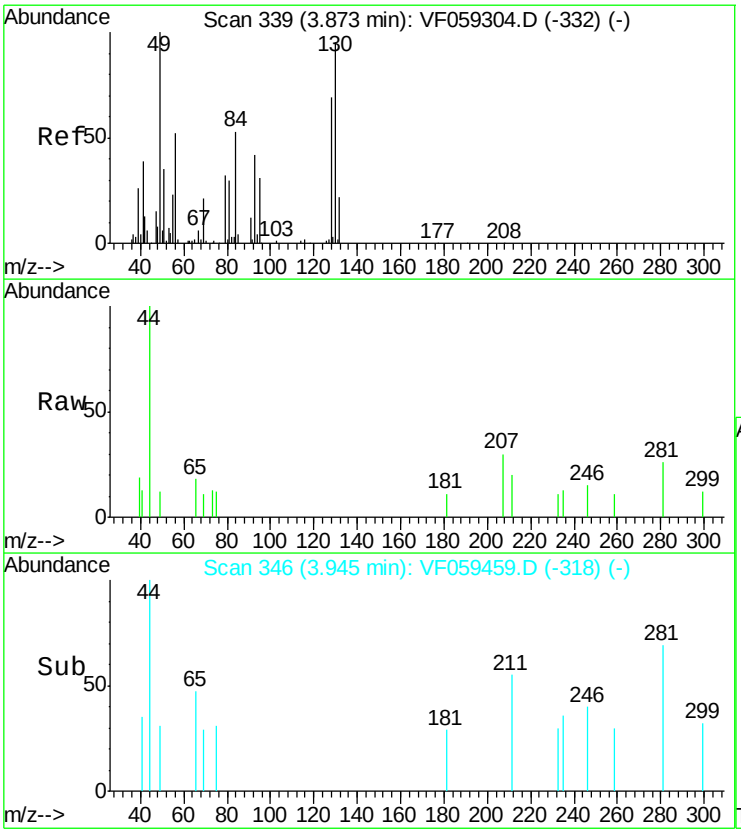
#25
2-Butanone
Concen: Below Cal
RT: 4.51 min Scan# 403
Delta R.T. 0.01 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Instrument : MSVOA_F
ClientSampleId : TP-7-D

Tgt Ion: 43 Resp: 1030

Ion	Ratio	Lower	Upper
43	100		
72	24.2	14.4	21.6#

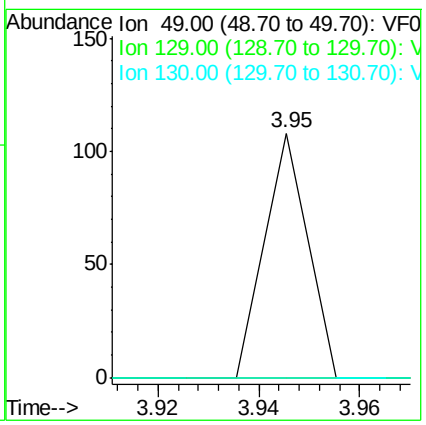


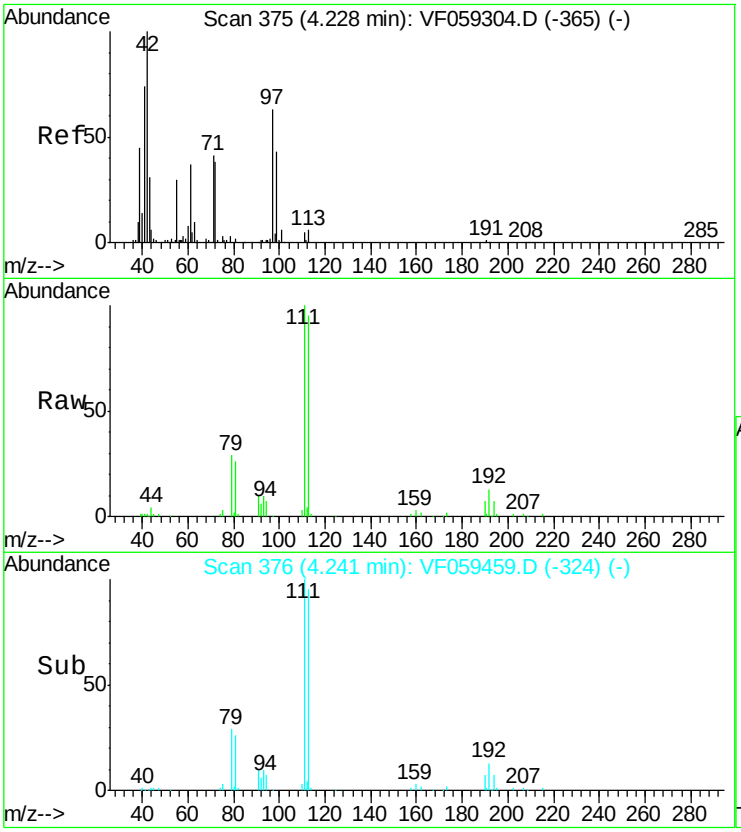


#28
Bromochloromethane
Concen: Below Cal
RT: 3.95 min Scan# 346
Delta R.T. 0.07 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Tgt Ion: 49 Resp: 64

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	6.4
130	0.0	75.1	112.7#



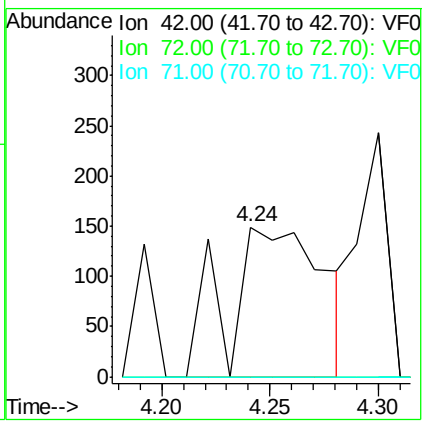


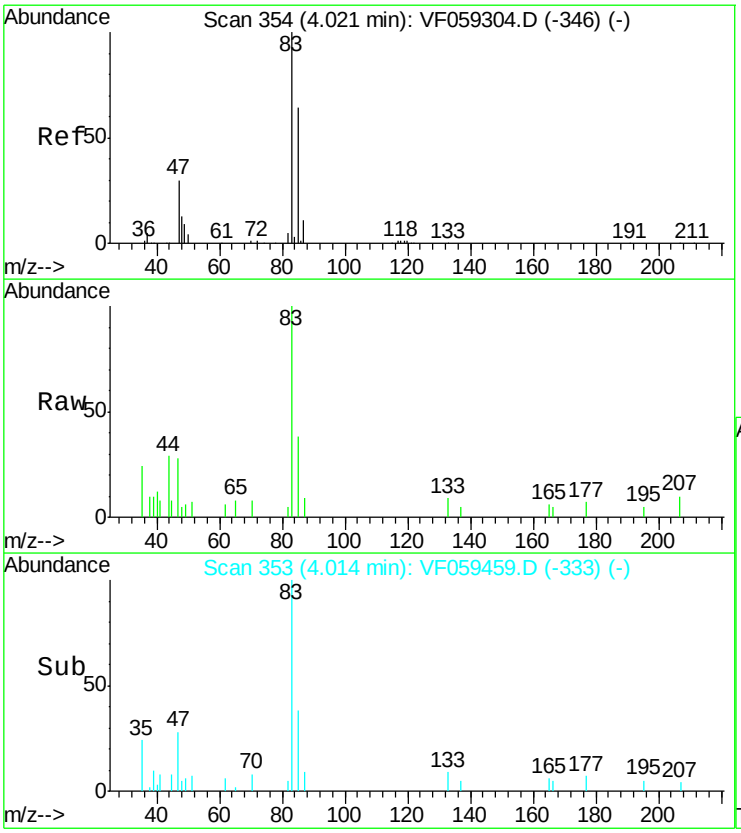
#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.24 min Scan# 376
Delta R.T. 0.01 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Instrument : MSVOA_F
ClientSampleId : TP-7-D

Tgt Ion: 42 Resp: 460

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.5	45.7#
71	0.0	32.5	48.7#

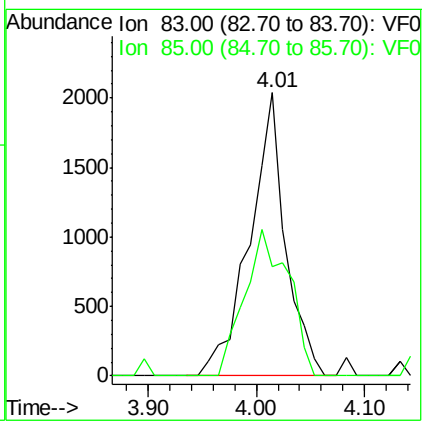


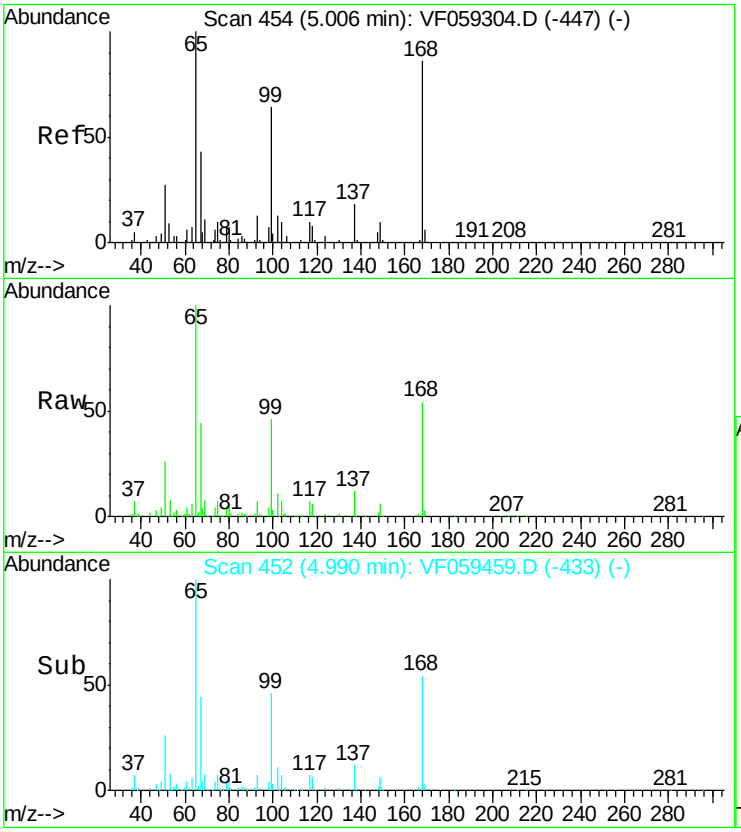


#30
Chloroform
Concen: 1.008 ug/l
RT: 4.01 min Scan# 353
Delta R.T. -0.01 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Tgt Ion: 83 Resp: 4717

Ion	Ratio	Lower	Upper
83	100		
85	38.5	51.3	76.9#



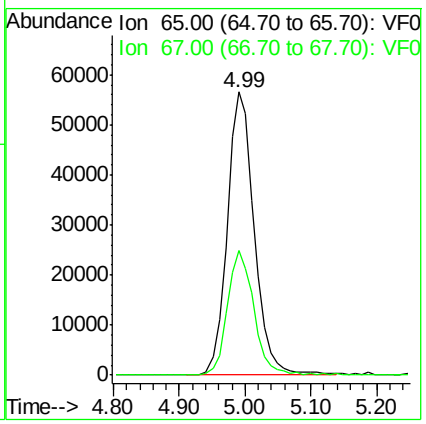


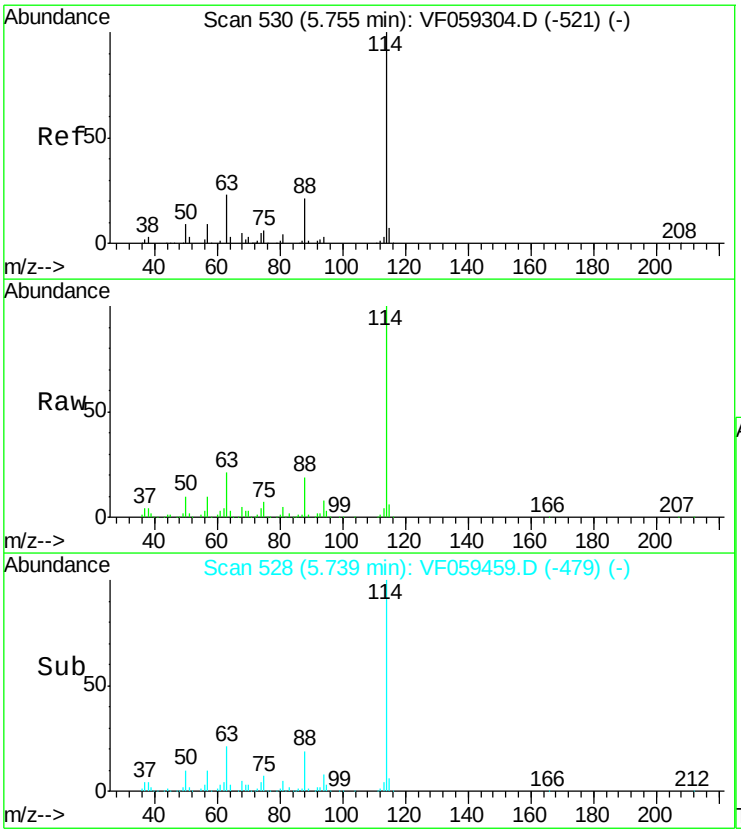
#33
1,2-Dichloroethane-d4
Concen: 59.056 ug/l
RT: 4.99 min Scan# 452
Delta R.T. -0.02 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
TP-7-D

Tgt Ion: 65 Resp: 162348

Ion	Ratio	Lower	Upper
65	100		
67	43.9	0.0	96.8

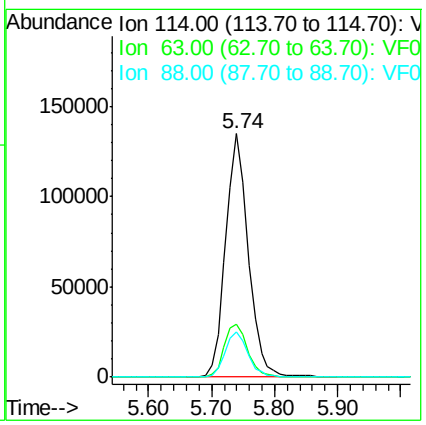


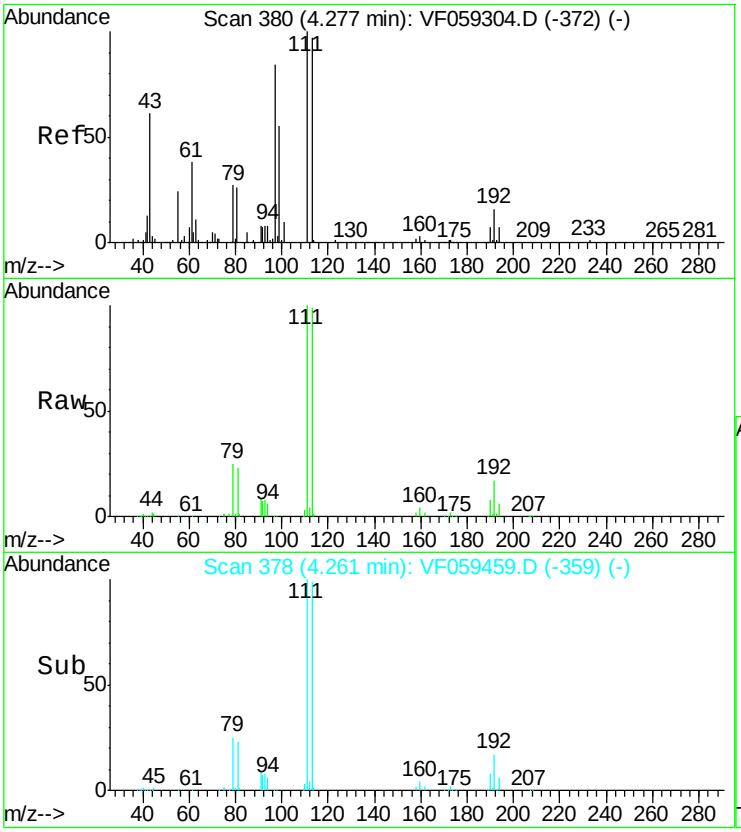


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.74 min Scan# 528
Delta R.T. -0.02 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Tgt Ion:114 Resp: 335934

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	45.8
88	18.7	0.0	41.2



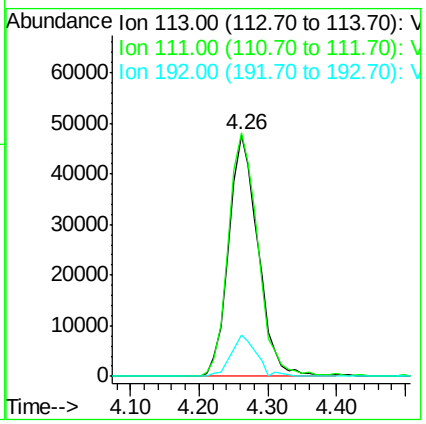


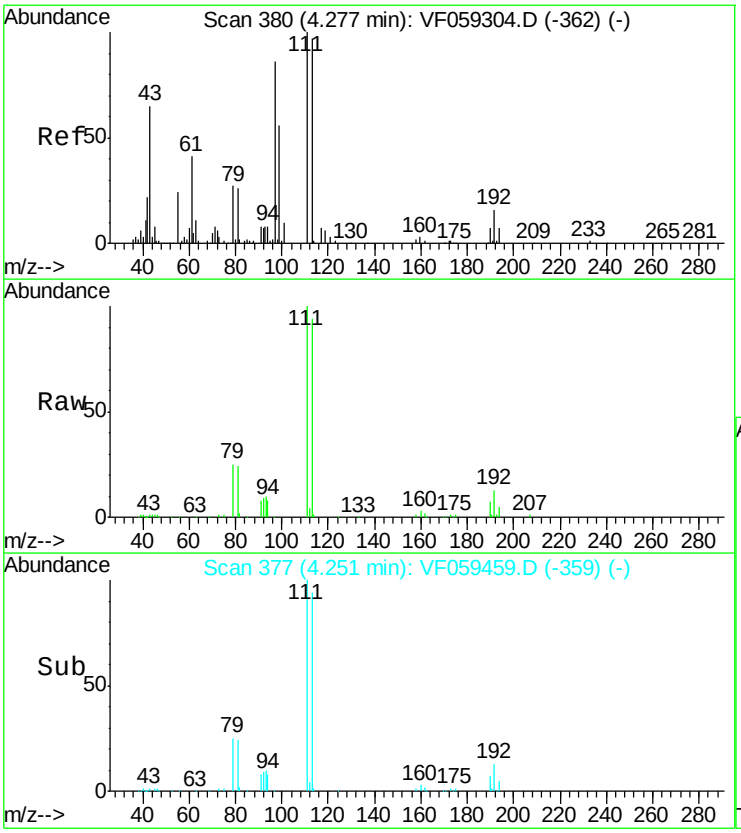
#35
Dibromofluoromethane
Concen: 57.378 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.02 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
TP-7-D

Tgt Ion:113 Resp: 140838

Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.1	123.1
192	17.4	13.0	19.6

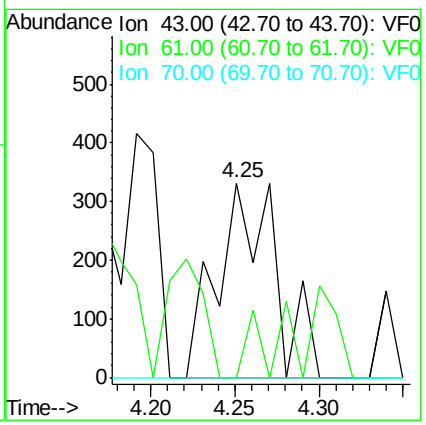


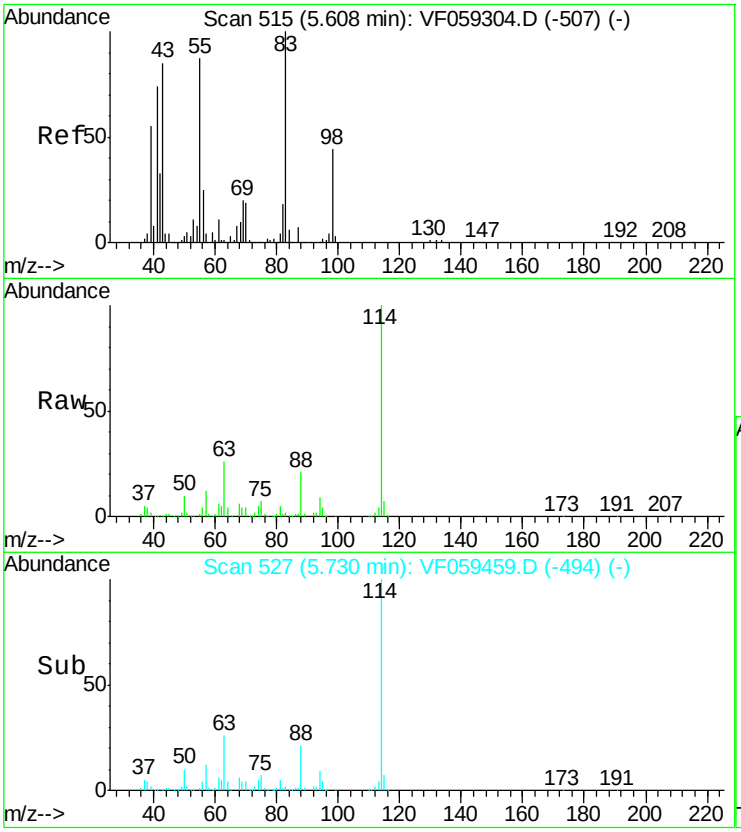


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.25 min Scan# 377
Delta R.T. -0.03 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Tgt Ion: 43 Resp: 794

Ion	Ratio	Lower	Upper
43	100		
61	0.0	50.1	75.1#
70	0.0	6.2	9.4#



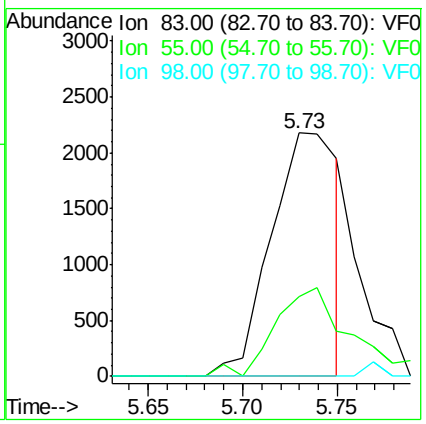


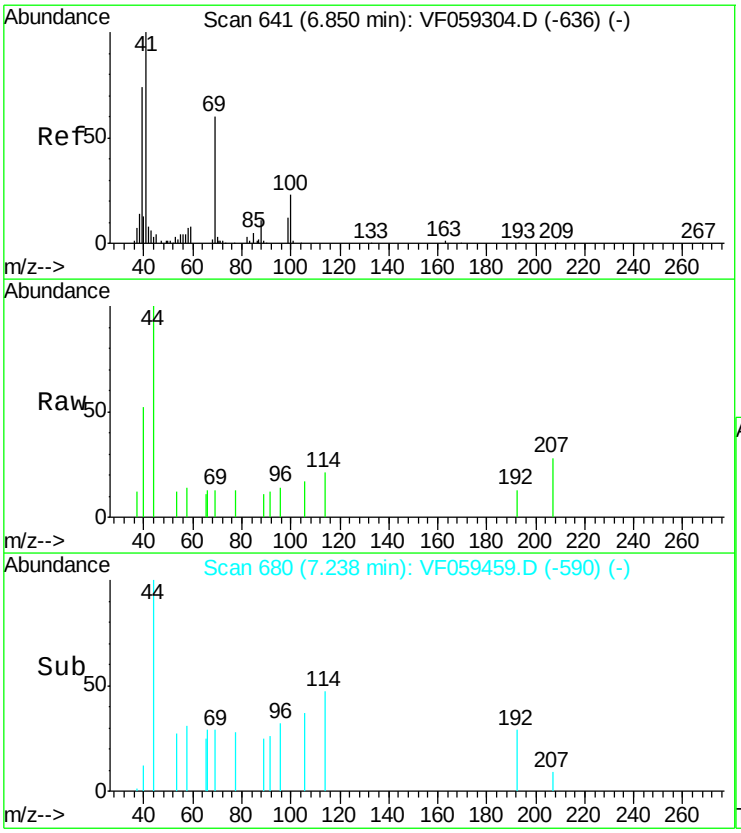
#39
Methylcyclohexane
Concen: 2.066 ug/l
RT: 5.73 min Scan# 527
Delta R.T. 0.12 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Instrument : MSVOA_F
ClientSampleId : TP-7-D

Tgt Ion: 83 Resp: 5374

Ion	Ratio	Lower	Upper
83	100		
55	32.6	69.2	103.8#
98	0.0	35.0	52.6#

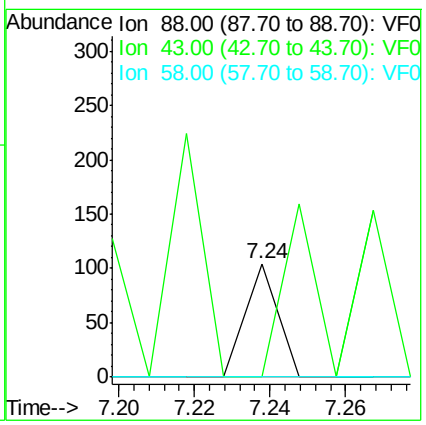


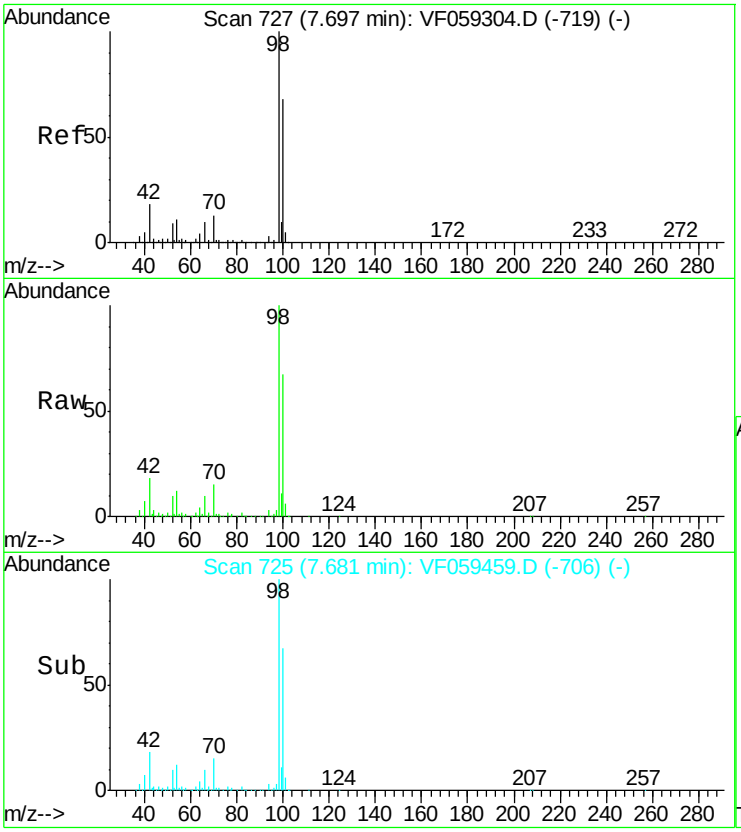


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.24 min Scan# 680
Delta R.T. 0.39 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Tgt Ion: 88 Resp: 62

Ion	Ratio	Lower	Upper
88	100		
43	0.0	50.6	75.8#
58	0.0	46.6	69.8#



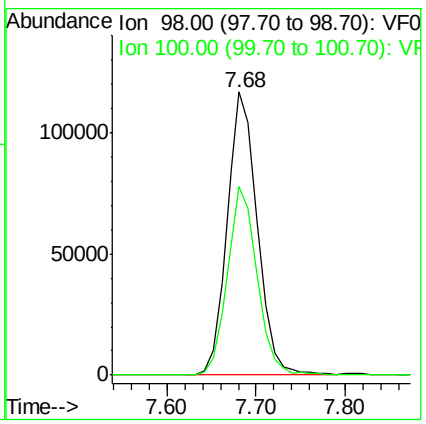


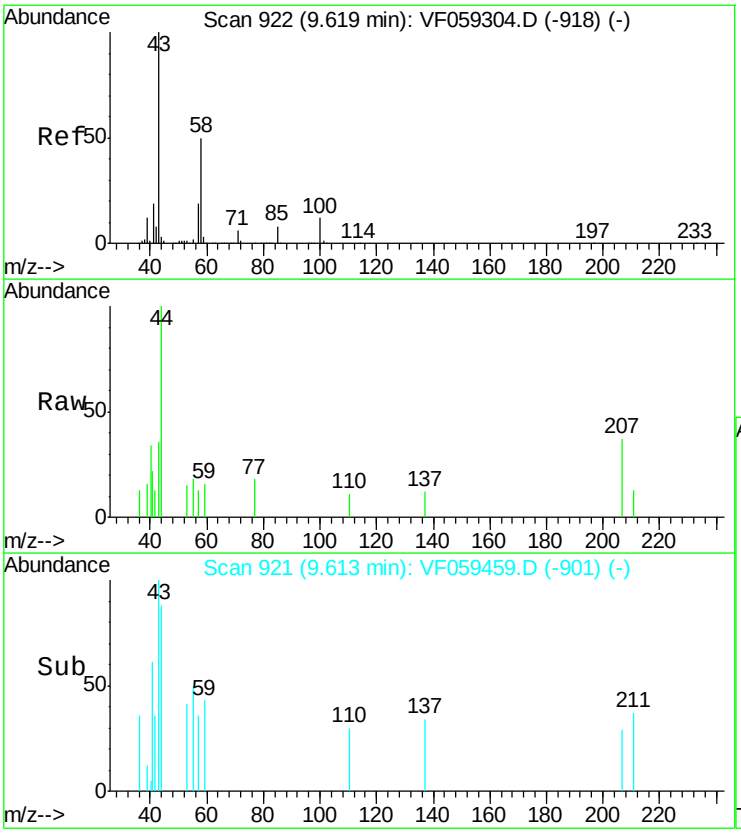
#50
Toluene-d8
Concen: 45.531 ug/l
RT: 7.68 min Scan# 725
Delta R.T. -0.02 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
TP-7-D

Tgt Ion: 98 Resp: 276702

Ion	Ratio	Lower	Upper
98	100		
100	66.8	54.6	82.0

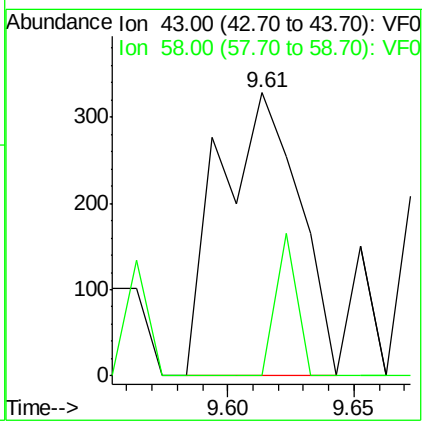


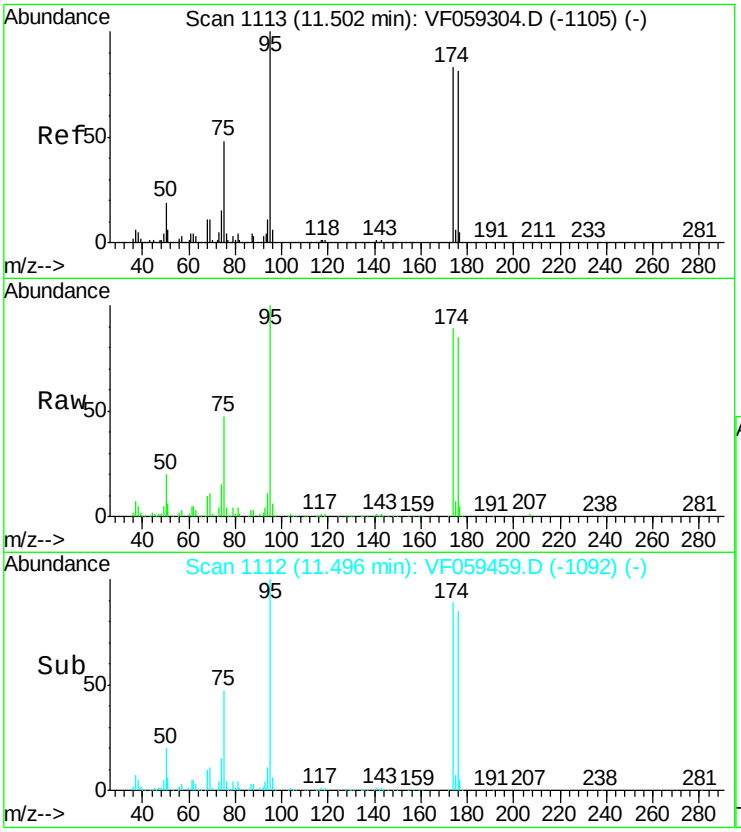


#59
2-Hexanone
Concen: Below Cal
RT: 9.61 min Scan# 921
Delta R.T. -0.01 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Tgt Ion: 43 Resp: 723

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.3	69.9#



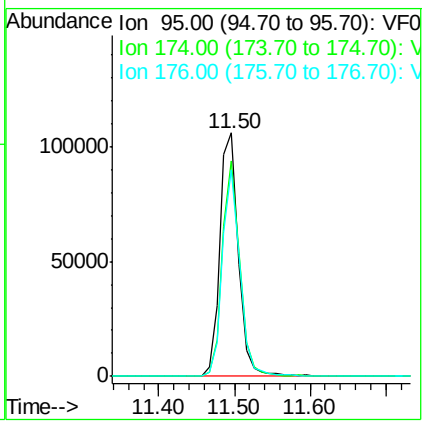


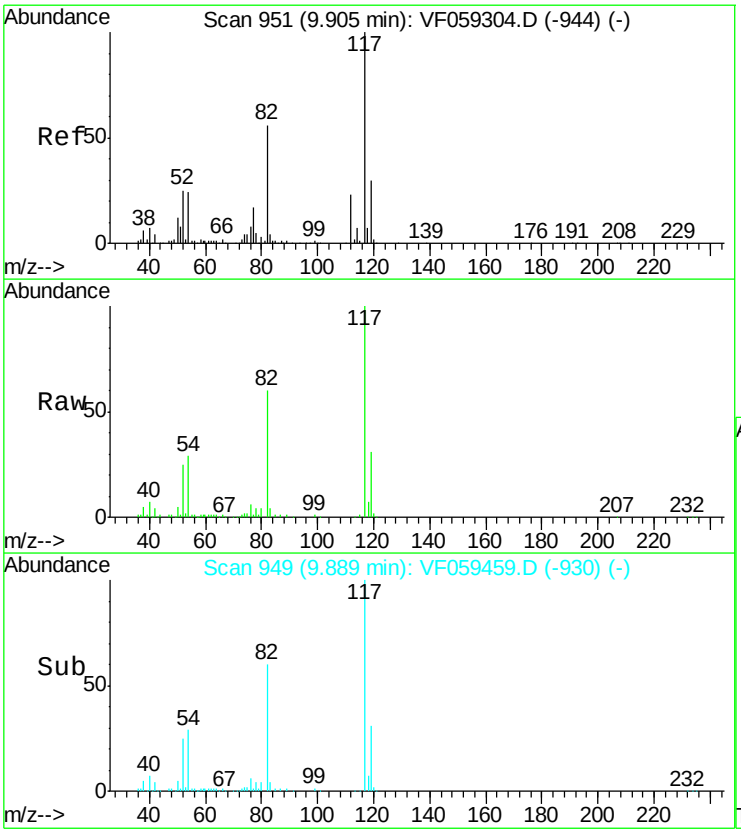
#62
4-Bromofluorobenzene
Concen: 53.364 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
TP-7-D

Tgt Ion: 95 Resp: 182939

Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	165.2
176	84.6	0.0	161.0

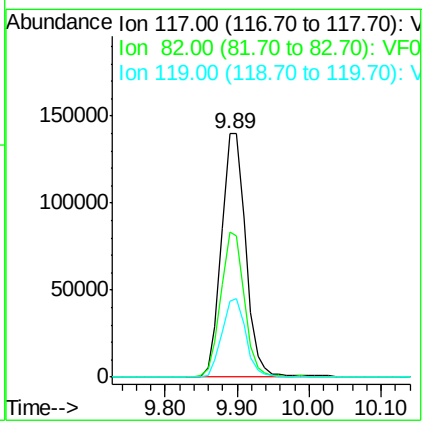


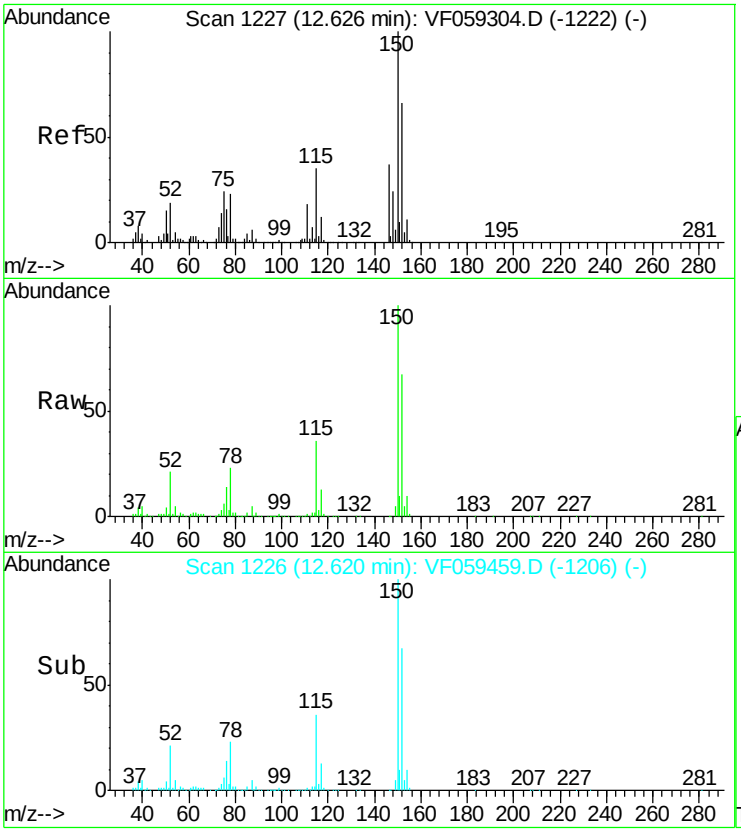


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Tgt Ion:117 Resp: 328487

Ion	Ratio	Lower	Upper
117	100		
82	59.7	44.6	66.8
119	31.2	24.1	36.1



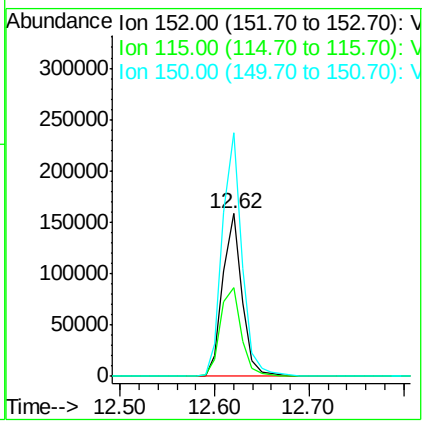


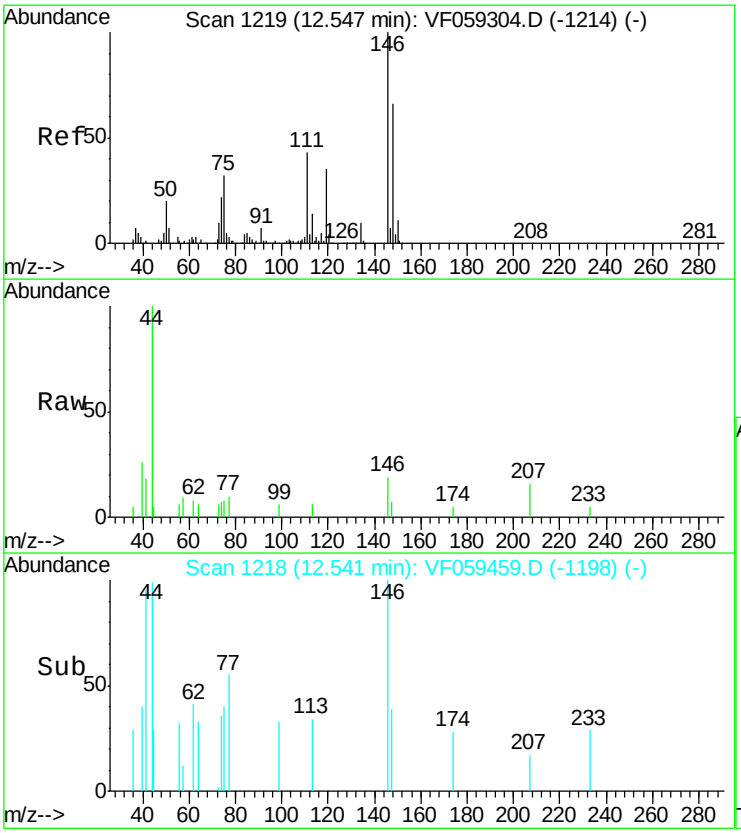
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Instrument :
MSVOA_F
ClientSampleId :
TP-7-D

Tgt Ion:152 Resp: 224317

Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.1	81.3
150	149.9	0.0	305.2





#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.54 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VF059459.D
Acq: 6 Jul 2018 19:40

Tgt Ion:146 Resp: 486

Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.4	64.2#
148	0.0	32.8	98.4#