

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050819\
 Data File : VF062379.D
 Acq On : 8 May 2019 16:08
 Operator : FY/SY
 Sample : K2673-09RE
 Misc : 5.05µ/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-15-1.0-1.5RE

Quant Time: May 09 05:01:20 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	31812	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	30974	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	16650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	4086	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	4282	14.24	ug/l	0.00
Spiked Amount			Recovery	=	28.48%	
35) Dibromofluoromethane	4.29	113	7260	29.42	ug/l	-0.01
Spiked Amount			Recovery	=	58.84%	
50) Toluene-d8	7.69	98	23975	40.14	ug/l	-0.01
Spiked Amount			Recovery	=	80.28%	
62) 4-Bromofluorobenzene	11.49	95	5576	20.69	ug/l	0.00
Spiked Amount			Recovery	=	41.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.15	50	356	1.466	ug/l #	42
5) Bromomethane	1.40	94	80	Below Cal	#	3
6) Chloroethane	1.37	64	135	1.109	ug/l #	41
11) Tert butyl alcohol	2.66	59	167	9.829	ug/l #	70
13) Acrolein	2.12	56	145	Below Cal	#	1
14) Allyl chloride	2.19	41	866	4.019	ug/l #	88
15) Acrylonitrile	3.10	53	300	9.321	ug/l #	10
16) Acetone	2.36	43	359	5.903	ug/l #	62
18) Methyl Acetate	2.48	43	1563	11.693	ug/l #	71
20) Methylene Chloride	2.29	84	1232	5.599	ug/l #	81
23) Vinyl Acetate	3.34	43	878	2.926	ug/l #	79
25) 2-Butanone	4.53	43	754	9.868	ug/l #	60
26) 2,2-Dichloropropane	3.74	77	306	1.346	ug/l	90
29) Tetrahydrofuran	4.24	42	389	11.078	ug/l #	36
37) Ethyl Acetate	4.30	43	322	Below Cal	#	72
38) Carbon Tetrachloride	4.11	117	60	Below Cal	#	45
41) Methacrylonitrile	4.92	41	545	8.542	ug/l #	50
43) Isopropyl Acetate	7.13	43	855	7.065	ug/l #	69
45) 1,2-Dichloropropane	6.35	63	173	1.304	ug/l #	43
48) Methyl methacrylate	6.87	41	516	6.033	ug/l #	17
51) 4-Methyl-2-Pentanone	8.17	43	313	3.413	ug/l	90
58) 2-Chloroethyl Vinyl ether	7.53	63	90	2.471	ug/l #	42
59) 2-Hexanone	9.68	43	175	2.759	ug/l	80
73) Isopropylbenzene	11.20	105	461	1.903	ug/l	98
74) N-amyl acetate	11.45	43	167	3.211	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.79	83	71	1.872	ug/l #	22
76) 1,2,3-Trichloropropane	11.86	75	147	5.080	ug/l #	100
77) Bromobenzene	11.44	156	69	1.085	ug/l #	1
78) n-propylbenzene	11.66	91	347	1.346	ug/l #	52
79) 2-Chlorotoluene	11.77	91	309	1.927	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.88	105	286	1.347	ug/l	82
81) trans-1,4-Dichloro-2-buten	11.95	75	105	9.654	ug/l #	92
83) tert-Butylbenzene	12.18	119	434	1.945	ug/l #	77
85) sec-Butylbenzene	12.35	105	351	1.292	ug/l #	57

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Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

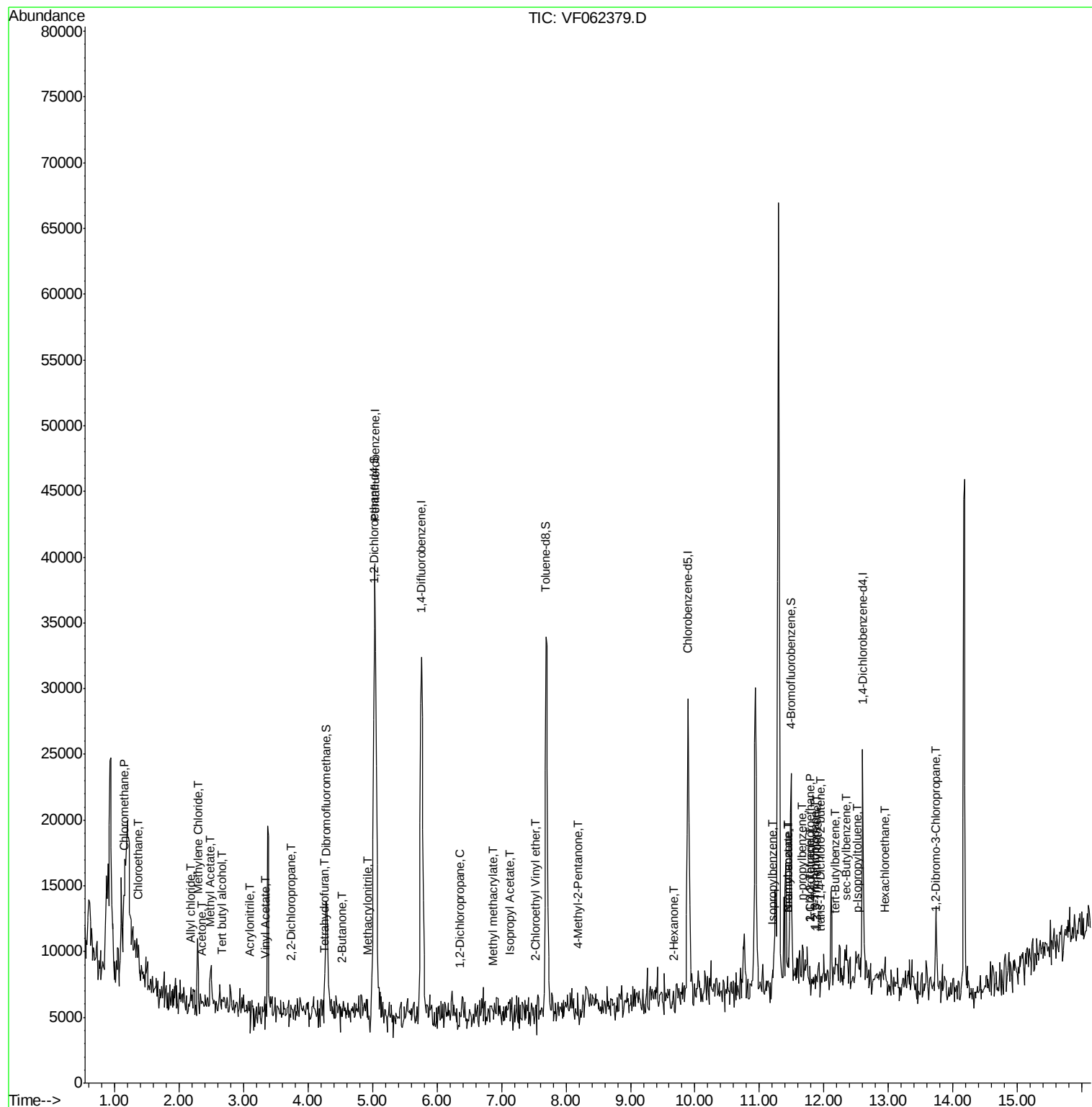
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.51	119	680	2.695	ug/l #	65
90) Hexachloroethane	12.95	117	64	1.016	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.71	75	141	16.594	ug/l #	1

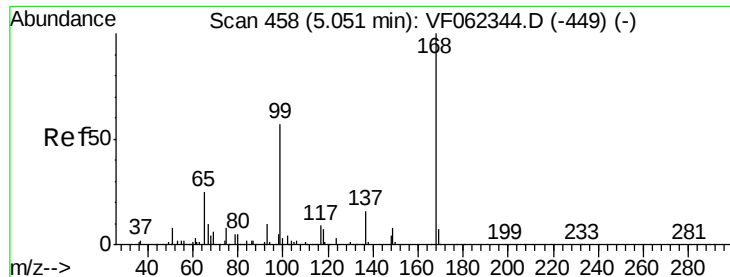
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF062379.D

Acq: 8 May 2019 16:08

Instrument :

MSVOA_F

ClientSampleId :

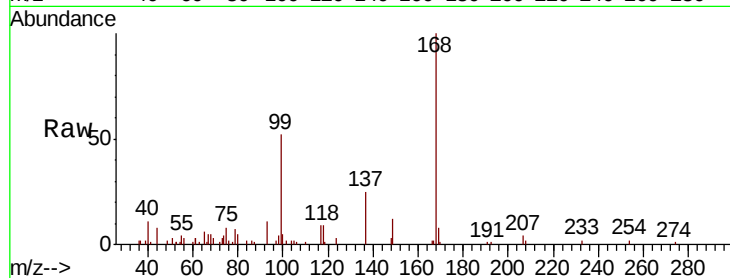
SB-15-1.0-1.5RE

Tot Ion:168 Resp: 31812

Ion Ratio Lower Upper

168 100

99 52.3 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.04

12000

10000

8000

6000

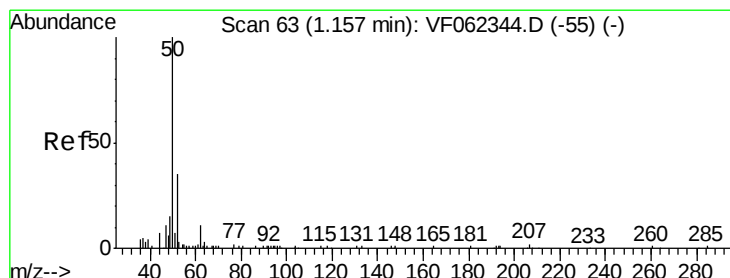
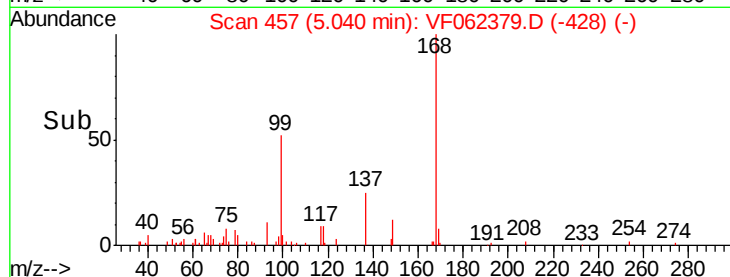
4000

2000

0

Time-->

4.90 5.00 5.10 5.20



#3

Chloromethane

Concen: 1.466 ug/l

RT: 1.15 min Scan# 62

Delta R.T. -0.01 min

Lab File: VF062379.D

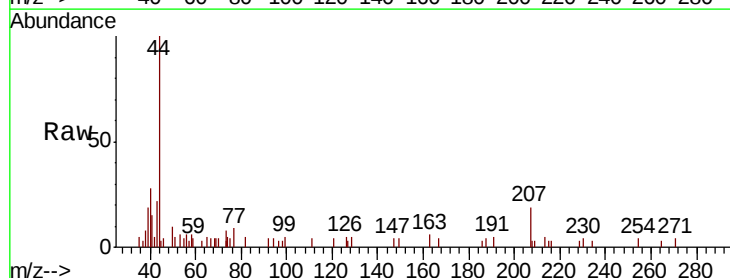
Acq: 8 May 2019 16:08

Tgt Ion: 50 Resp: 356

Ion Ratio Lower Upper

50 100

52 0.0 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VF0

Ion 51.90 (51.60 to 52.60): VF0

1.15

300

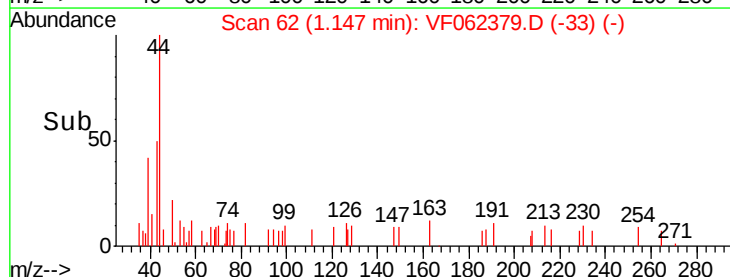
200

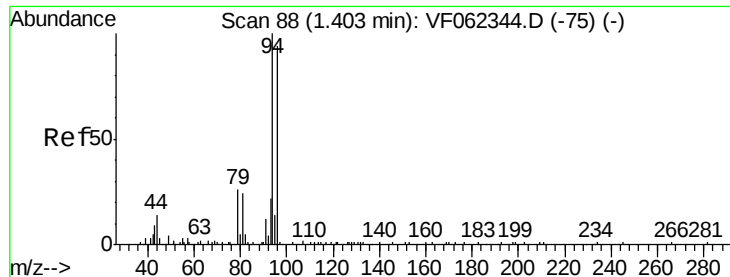
100

0

Time-->

1.14 1.16





#5

Bromomethane

Concen: Below Cal

RT: 1.40 min Scan# 88

Delta R.T. -0.00 min

Lab File: VF062379.D

Acq: 8 May 2019 16:08

Instrument :

MSVOA_F

ClientSampled :

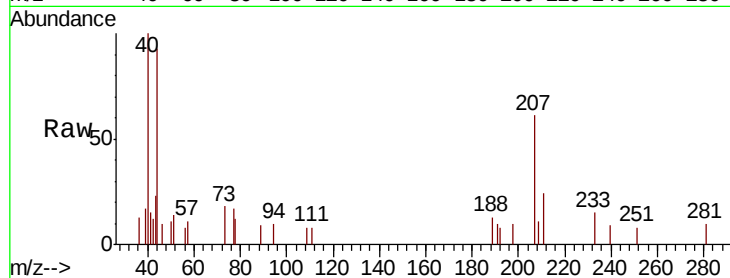
SB-15-1.0-1.5RE

Tot Ion: 94 Resp: 80

Ion Ratio Lower Upper

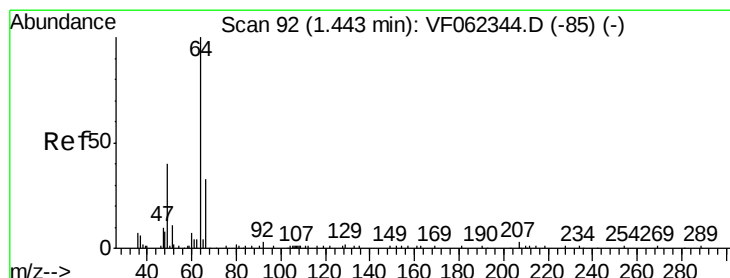
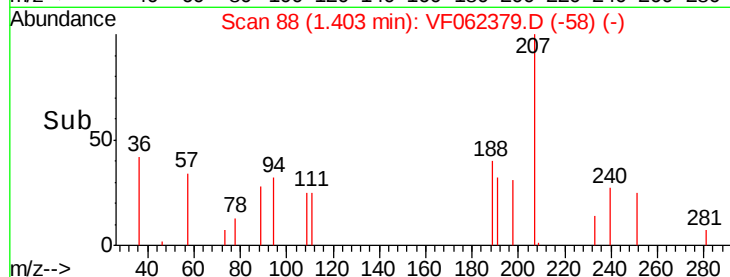
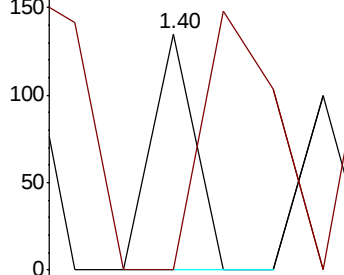
94 100

96 0.0 75.4 113.2#



Abundance Ion 93.90 (93.60 to 94.60): VF0

Ion 95.90 (95.60 to 96.60): VF0



#6

Chloroethane

Concen: 1.109 ug/l

RT: 1.37 min Scan# 85

Delta R.T. -0.07 min

Lab File: VF062379.D

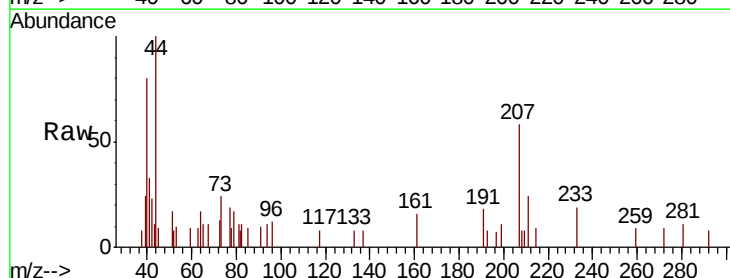
Acq: 8 May 2019 16:08

Tgt Ion: 64 Resp: 135

Ion Ratio Lower Upper

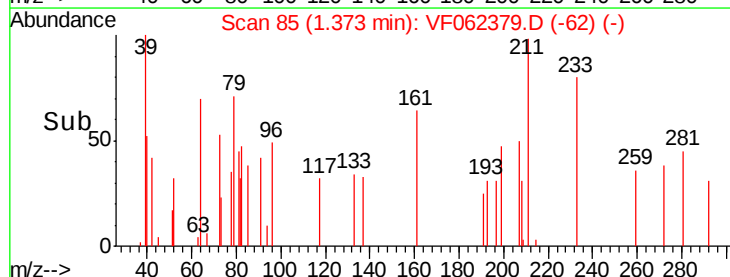
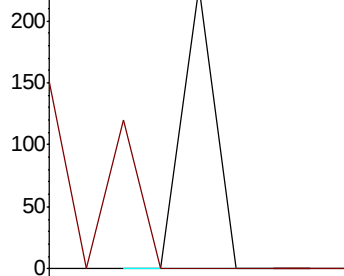
64 100

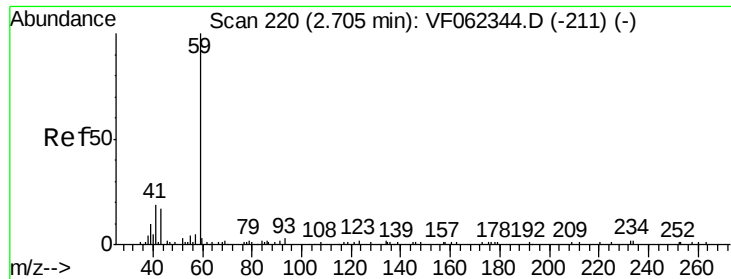
66 0.0 26.6 39.8#



Abundance Ion 63.90 (63.60 to 64.60): VF0

Ion 65.90 (65.60 to 66.60): VF0

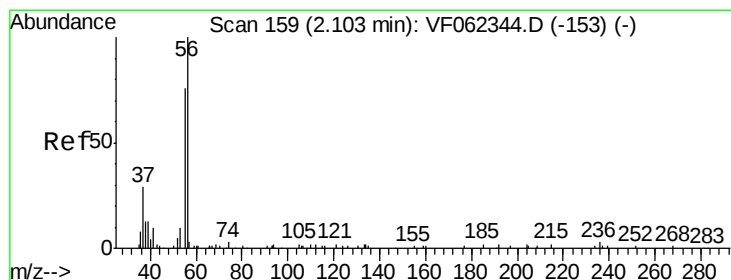
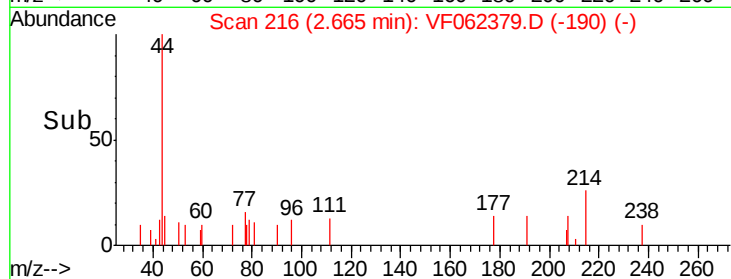
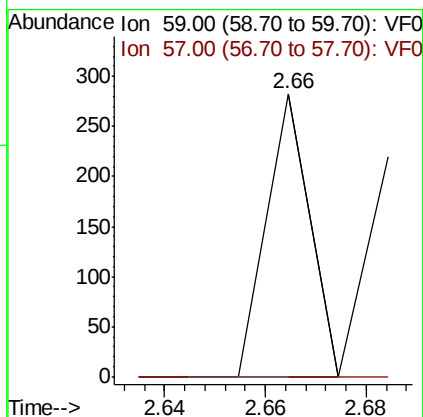
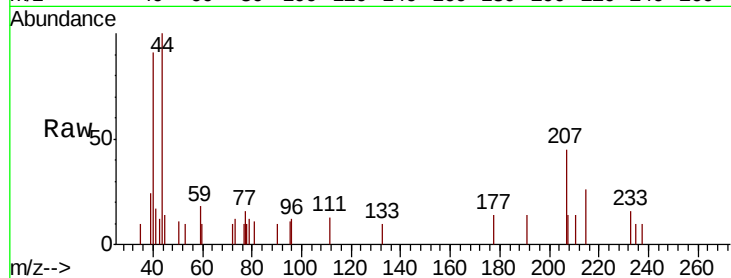




#11
Tert butyl alcohol
Concen: 9.829 ug/l
RT: 2.66 min Scan# 216
Delta R.T. -0.04 min
Lab File: VF062379.D
Acq: 8 May 2019 16:08

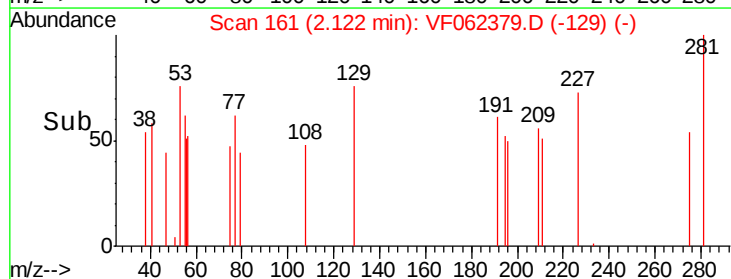
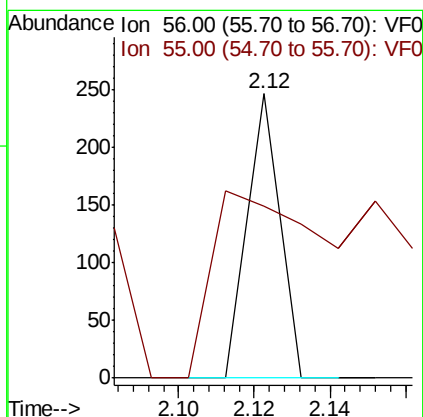
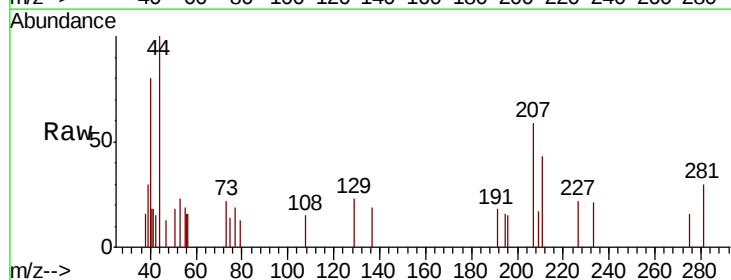
Instrument :
MSVOA_F
ClientSampleId :
SB-15-1.0-1.5RE

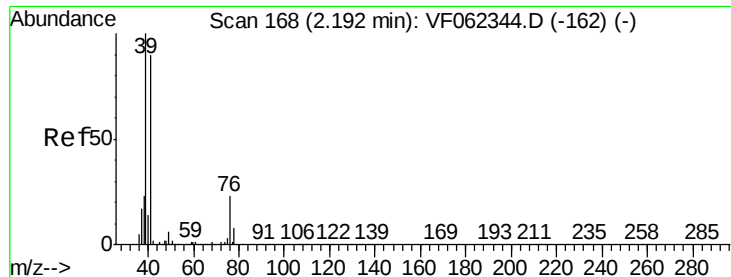
Tot Ion: 59 Resp: 167
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#13
Acrolein
Concen: Below Cal
RT: 2.12 min Scan# 161
Delta R.T. 0.02 min
Lab File: VF062379.D
Acq: 8 May 2019 16:08

Tgt Ion: 56 Resp: 145
Ion Ratio Lower Upper
56 100
55 226.2 58.4 87.6#

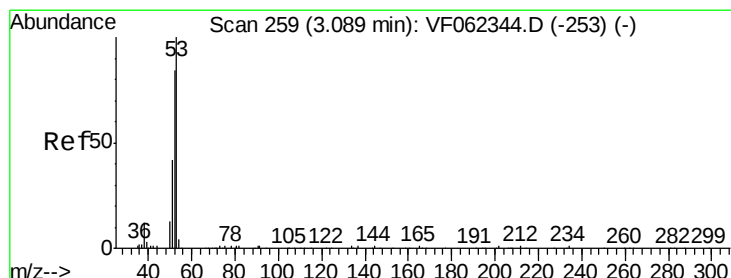
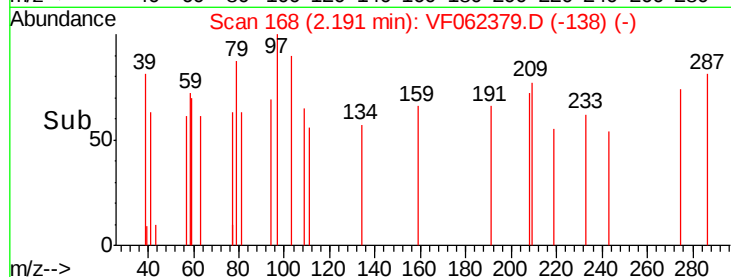
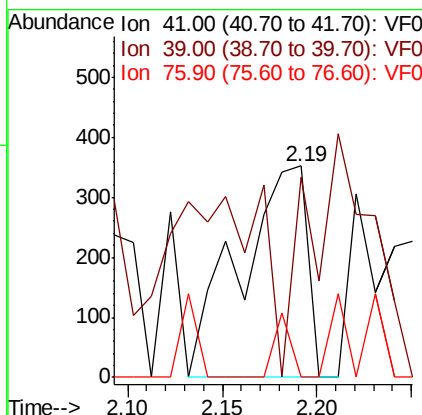
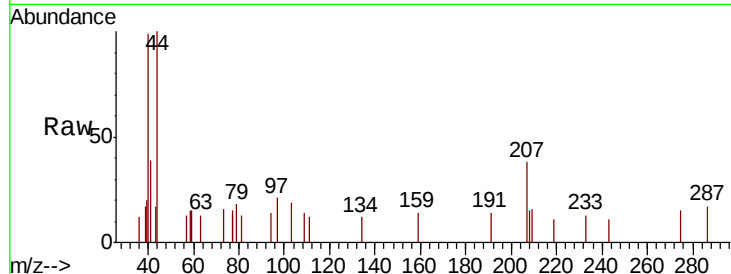




#14
Allvl chloride
Concen: 4.019 ug/l
RT: 2.19 min Scan# 168
Delta R.T. -0.00 min
Lab File: VF062379.D
Acq: 8 May 2019 16:08

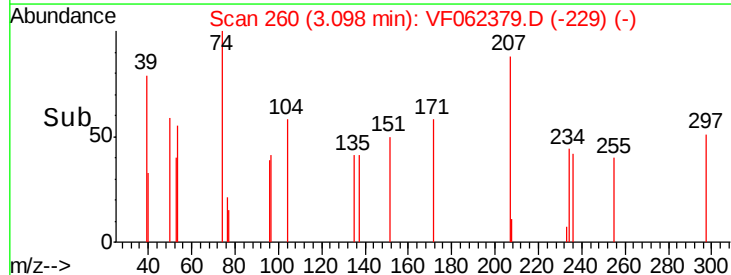
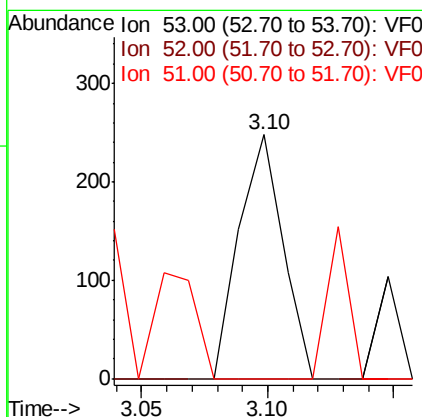
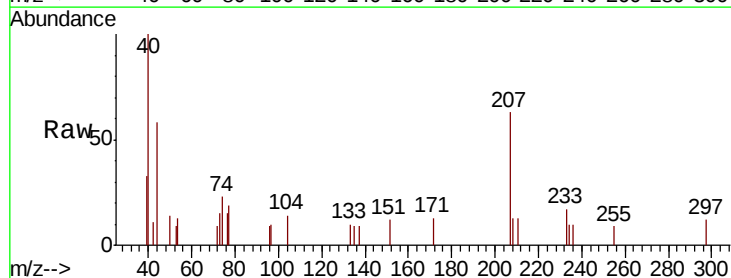
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ClientSampled :
SB-15-1.0-1.5RE

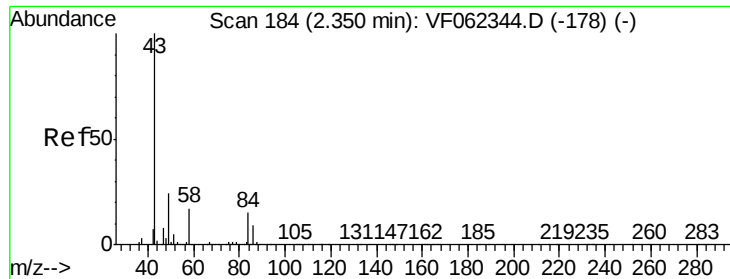
Tot Ion: 41 Resp: 866
Ion Ratio Lower Upper
41 100
39 119.7 90.8 136.2
76 7.3 22.2 33.4#



#15
Acrylonitrile
Concen: 9.321 ug/l
RT: 3.10 min Scan# 260
Delta R.T. 0.01 min
Lab File: VF062379.D
Acq: 8 May 2019 16:08

Tgt Ion: 53 Resp: 300
Ion Ratio Lower Upper
53 100
52 0.0 77.2 115.8#
51 0.0 40.6 61.0#

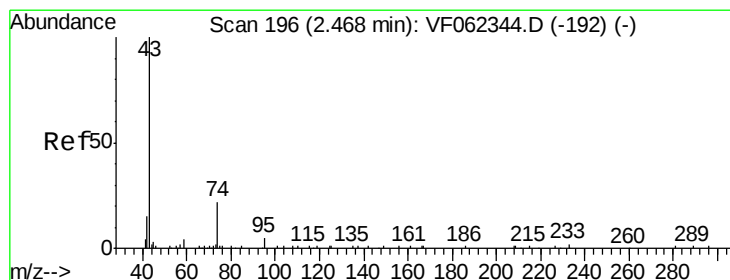
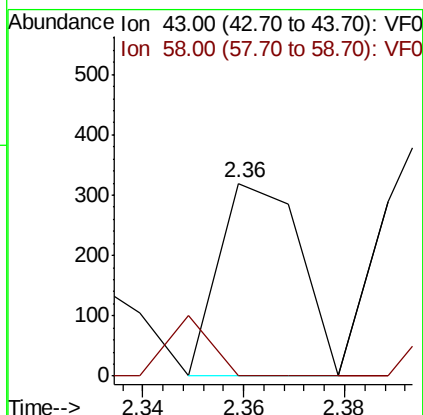
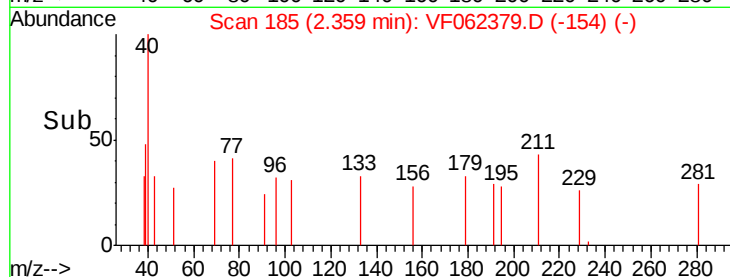
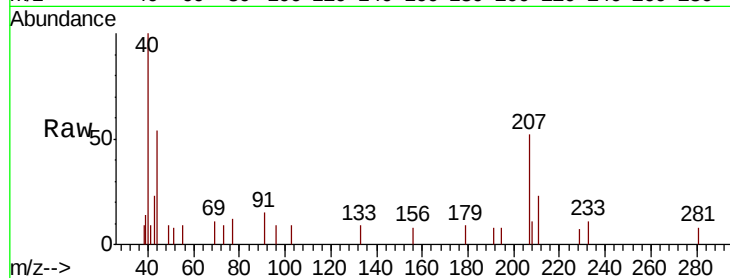




#16
Acetone
Concen: 5.903 ug/l
RT: 2.36 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062379.D
Acq: 8 May 2019 16:08

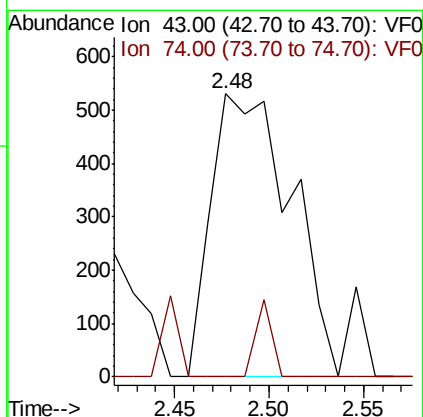
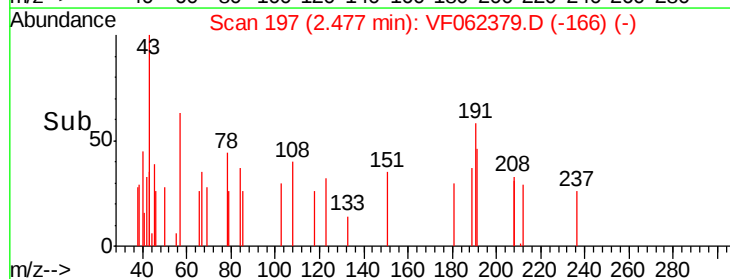
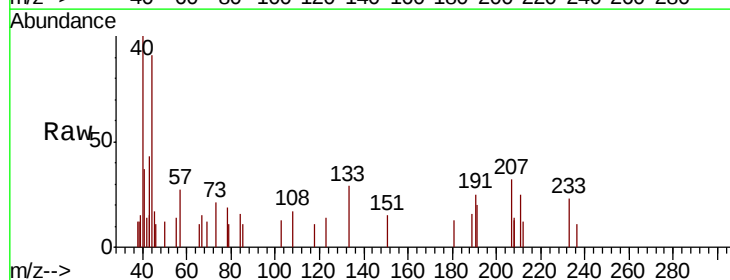
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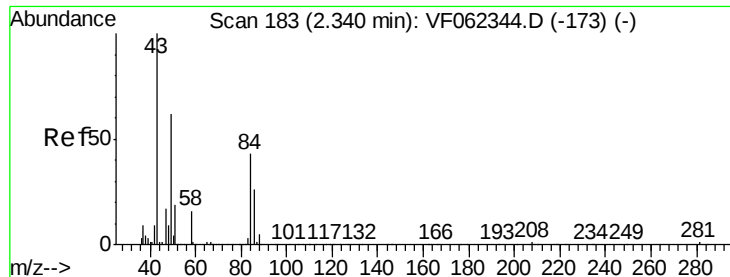
Tot Ion: 43 Resp: 359
Ion Ratio Lower Upper
43 100
58 0.0 13.1 19.7#



#18
Methyl Acetate
Concen: 11.693 ug/l
RT: 2.48 min Scan# 197
Delta R.T. 0.01 min
Lab File: VF062379.D
Acq: 8 May 2019 16:08

Tgt Ion: 43 Resp: 1563
Ion Ratio Lower Upper
43 100
74 5.5 15.0 22.4#

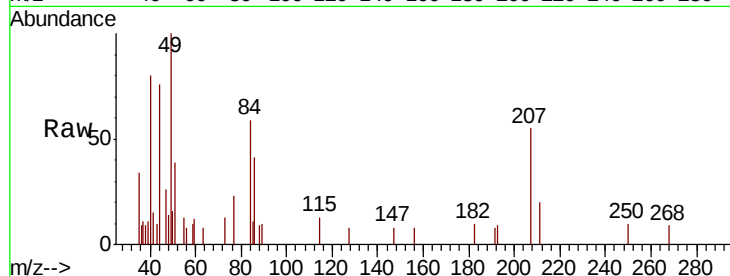




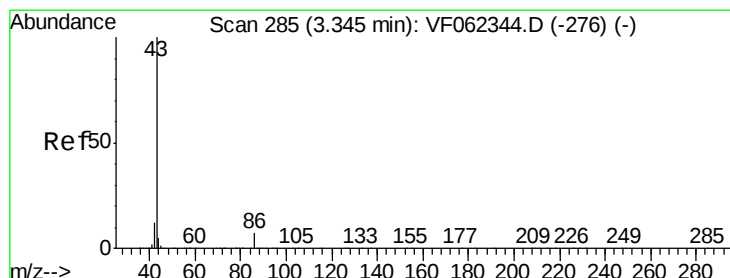
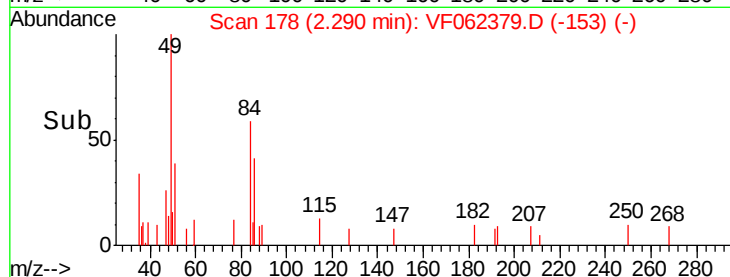
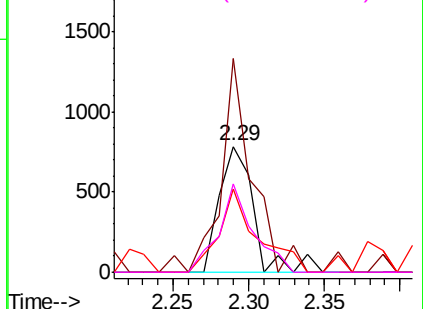
#20
Methvlene Chloride
Concen: 5.599 ug/l
RT: 2.29 min Scan# 178
Delta R.T. -0.05 min
Lab File: VF062379.D
Acq: 8 May 2019 16:08

Instrument :
MSVOA_F
ClientSampleId :
SB-15-1.0-1.5RE

Tot Ion: 84 Resp: 1232
Ion Ratio Lower Upper
84 100
49 169.7 117.5 176.3
51 66.4 37.0 55.4#
86 70.3 49.3 73.9

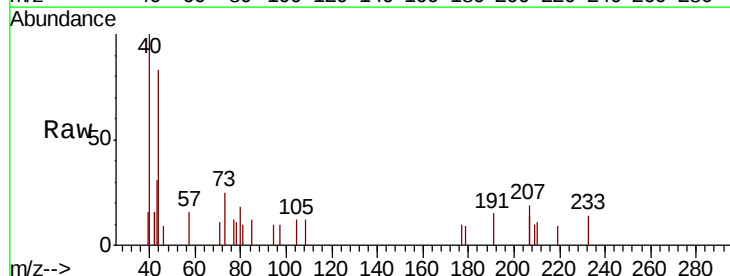


Abundance Ion 83.90 (83.60 to 84.60): VF0
Ion 48.90 (48.60 to 49.60): VF0
Ion 50.90 (50.60 to 51.60): VF0
Ion 85.90 (85.60 to 86.60): VF0

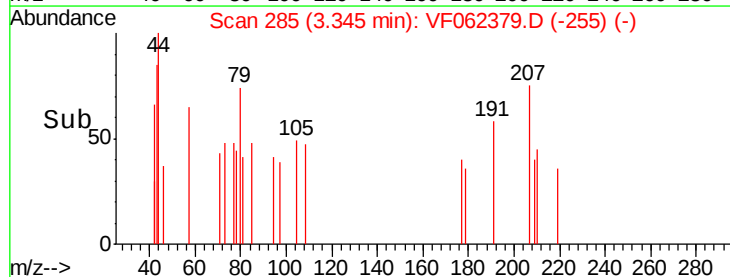
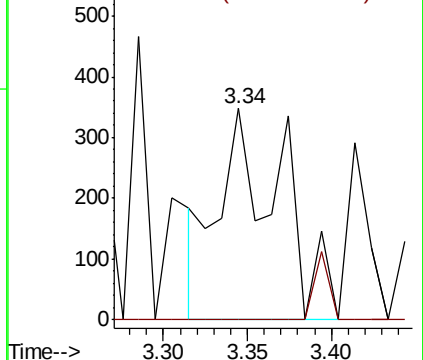


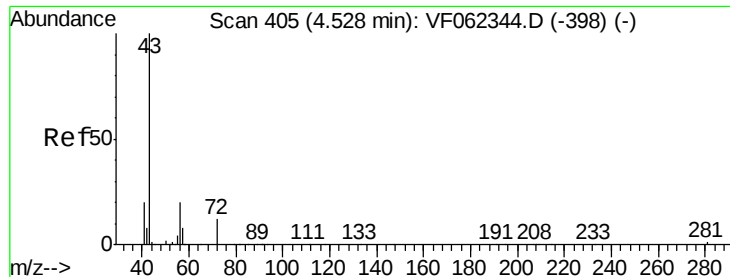
#23
Vinyl Acetate
Concen: 2.926 ug/l
RT: 3.34 min Scan# 285
Delta R.T. -0.00 min
Lab File: VF062379.D
Acq: 8 May 2019 16:08

Tgt Ion: 43 Resp: 878
Ion Ratio Lower Upper
43 100
86 0.0 5.7 8.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 86.00 (85.70 to 86.70): VF0





#25

2-Butanone

Concen: 9.868 ug/l

RT: 4.53 min Scan# 405

Delta R.T. -0.00 min

Lab File: VF062379.D

Acq: 8 May 2019 16:08

Instrument :

MSVOA_F

ClientSampled :

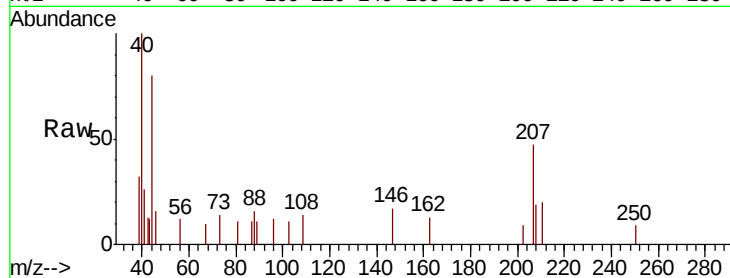
SB-15-1.0-1.5RE

Tot Ion: 43 Resp: 754

Ion Ratio Lower Upper

43 100

72 0.0 14.2 21.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

400

300

200

100

0

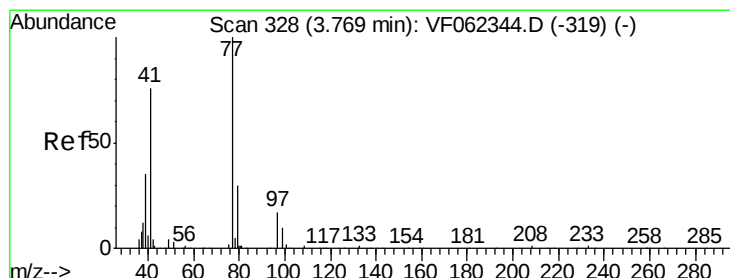
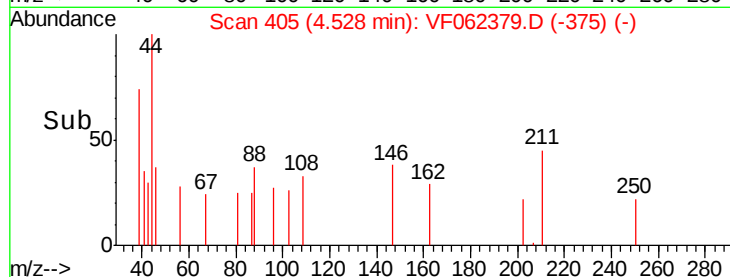
4.50

4.53

4.55

4.60

Time-->



#26

2,2-Dichloropropane

Concen: 1.346 ug/l

RT: 3.74 min Scan# 325

Delta R.T. -0.03 min

Lab File: VF062379.D

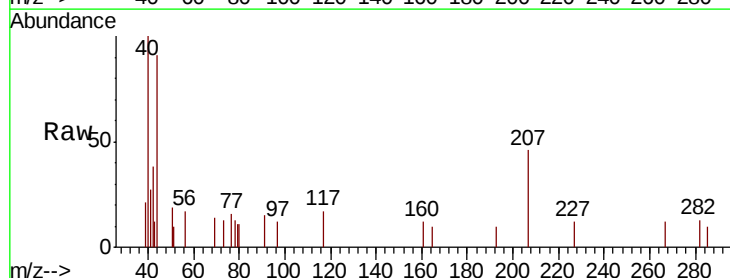
Acq: 8 May 2019 16:08

Tgt Ion: 77 Resp: 306

Ion Ratio Lower Upper

77 100

97 23.5 9.5 28.5



Abundance Ion 76.90 (76.60 to 77.60): VF0

Ion 96.90 (96.60 to 97.60): VF0

250

200

150

100

50

0

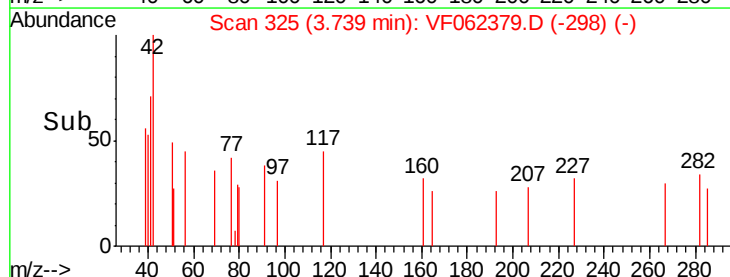
3.70

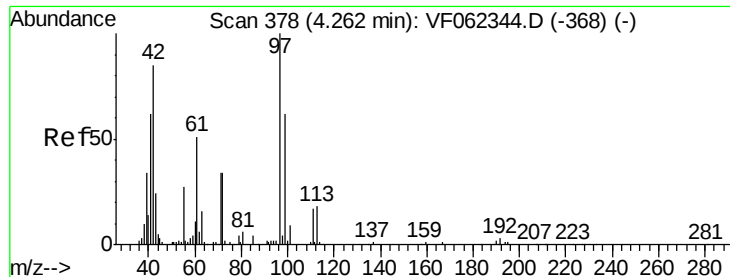
3.72

3.74

3.76

Time-->





#29

Tetrahydrofuran

Concen: 11.078 ug/l

RT: 4.24 min Scan# 376

Delta R.T. -0.02 min

Lab File: VF062379.D

Acq: 8 May 2019 16:08

Instrument :

MSVOA_F

ClientSampleId :

SB-15-1.0-1.5RE

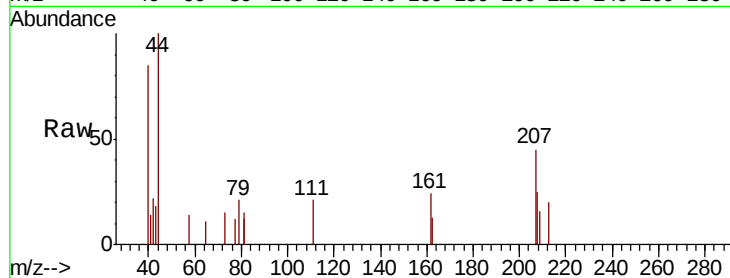
Tot Ion: 42 Resp: 389

Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.0#

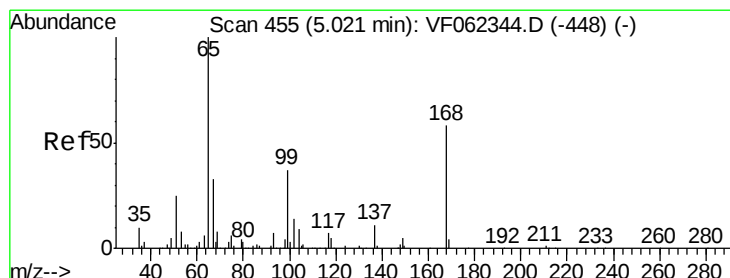
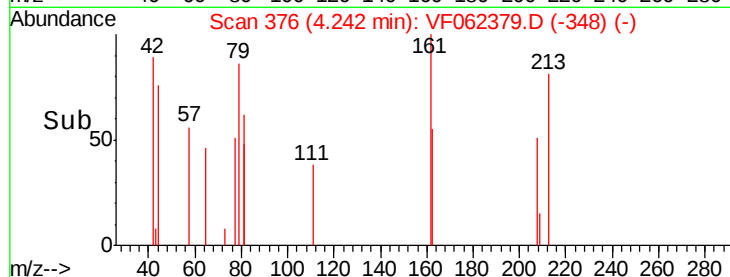
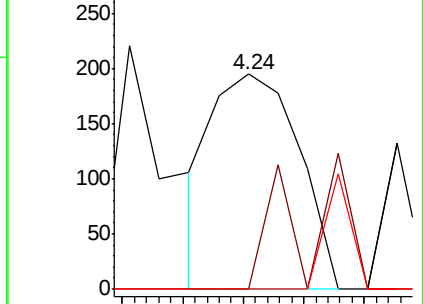
71 0.0 31.7 47.5#



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 14.243 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.00 min

Lab File: VF062379.D

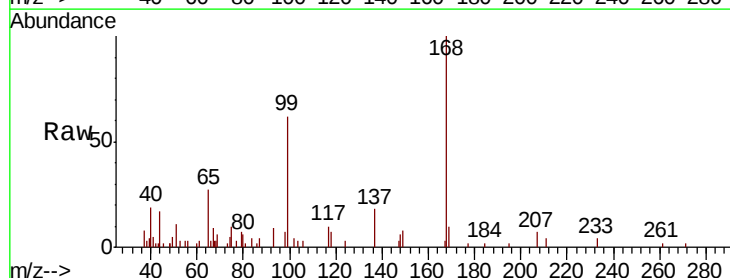
Acq: 8 May 2019 16:08

Tgt Ion: 65 Resp: 4282

Ion Ratio Lower Upper

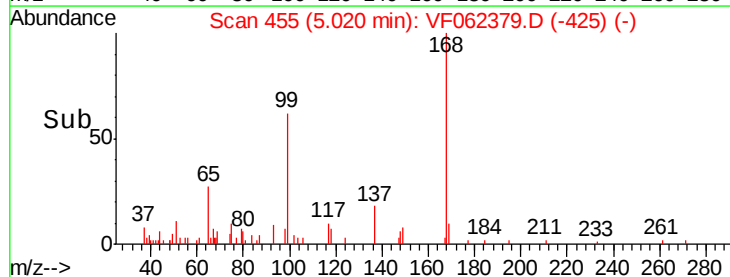
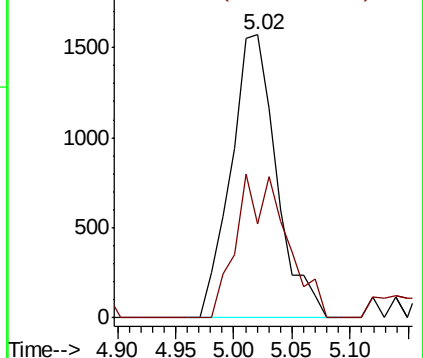
65 100

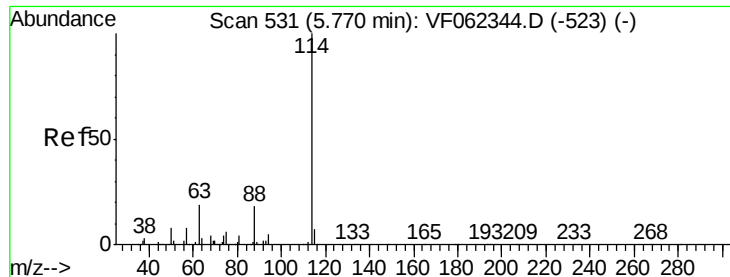
67 55.1 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF062379.D

Acq: 8 May 2019 16:08

Instrument :

MSVOA_F

ClientSampleId :

SB-15-1.0-1.5RE

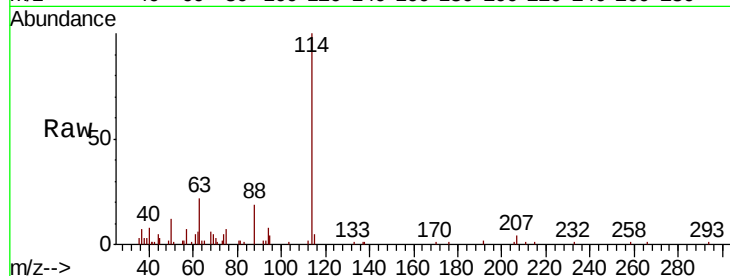
Tot Ion:114 Resp: 30974

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.4

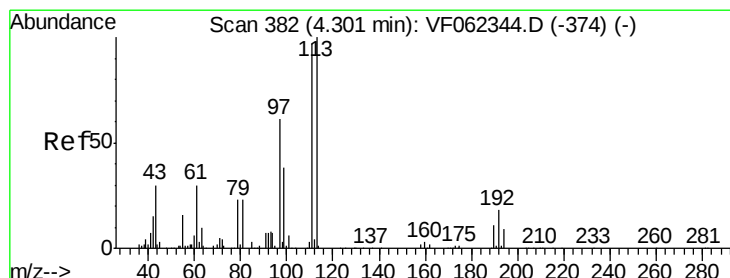
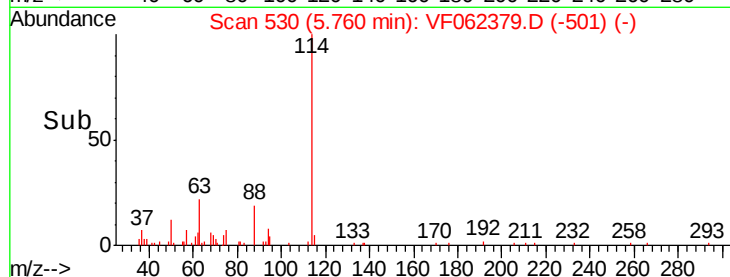
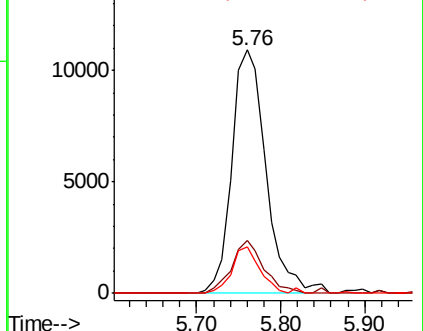
88 18.9 0.0 36.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 29.421 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF062379.D

Acq: 8 May 2019 16:08

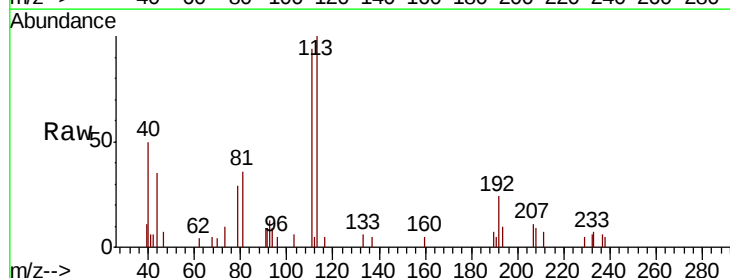
Tgt Ion:113 Resp: 7260

Ion Ratio Lower Upper

113 100

111 99.4 79.4 119.0

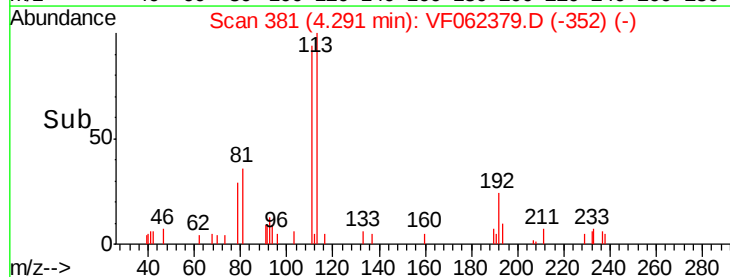
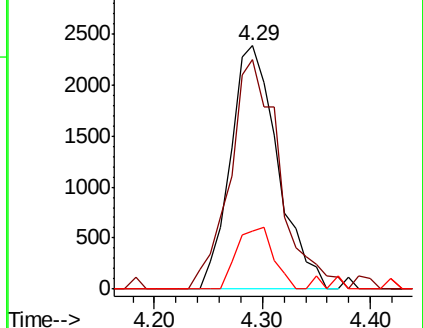
192 19.5 16.0 24.0

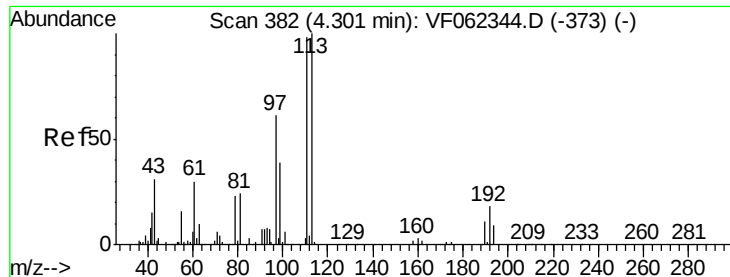


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#37

Ethyl Acetate

Concen: Below Cal

RT: 4.30 min Scan# 382

Delta R.T. -0.00 min

Lab File: VF062379.D

Acq: 8 May 2019 16:08

Instrument :

MSVOA_F

ClientSampleId :

SB-15-1.0-1.5RE

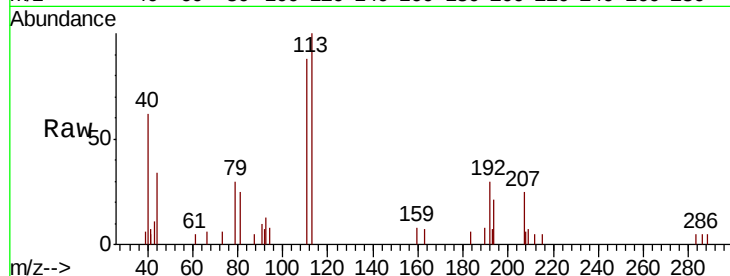
Tot Ion: 43 Resp: 322

Ion Ratio Lower Upper

43 100

61 19.9 0.0 0.0#

70 20.5 8.2 12.2#

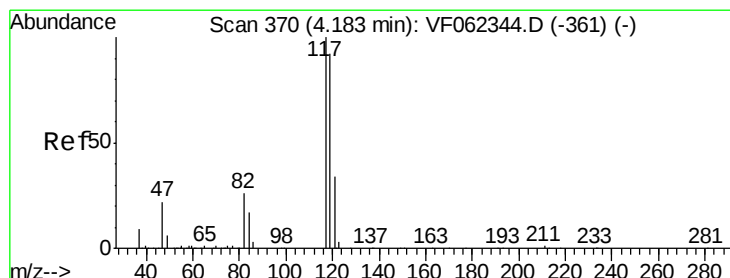
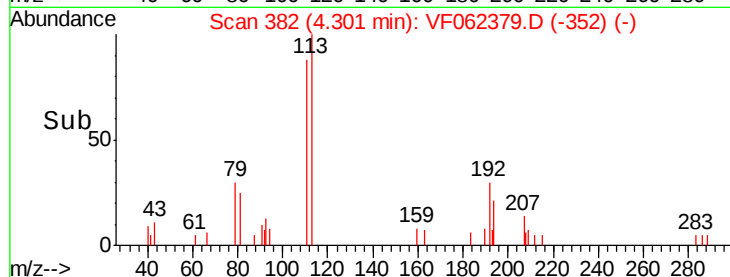
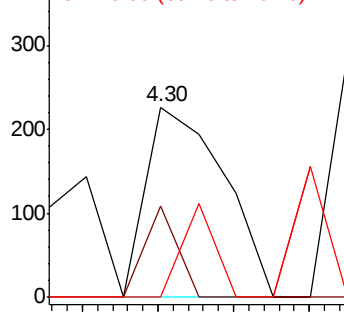


Abundance

Ion 43.00 (42.70 to 43.70): VF0

Ion 60.90 (60.60 to 61.60): VF0

Ion 70.00 (69.70 to 70.70): VF0



#38

Carbon Tetrachloride

Concen: Below Cal

RT: 4.11 min Scan# 363

Delta R.T. -0.07 min

Lab File: VF062379.D

Acq: 8 May 2019 16:08

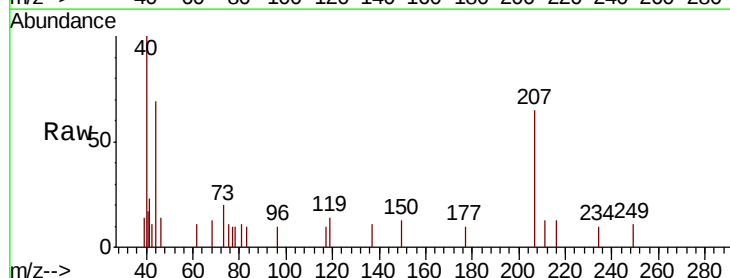
Tgt Ion: 117 Resp: 60

Ion Ratio Lower Upper

117 100

119 142.2 73.4 110.2#

121 0.0 27.4 41.0#

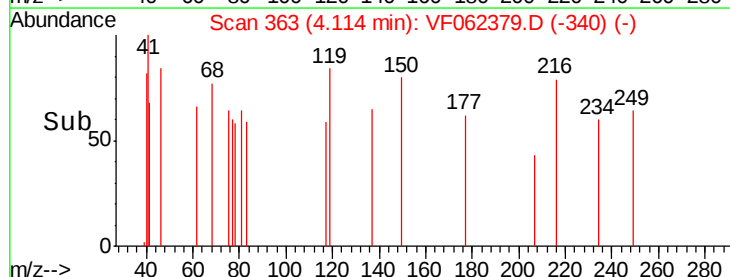
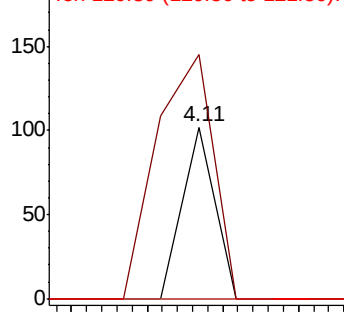


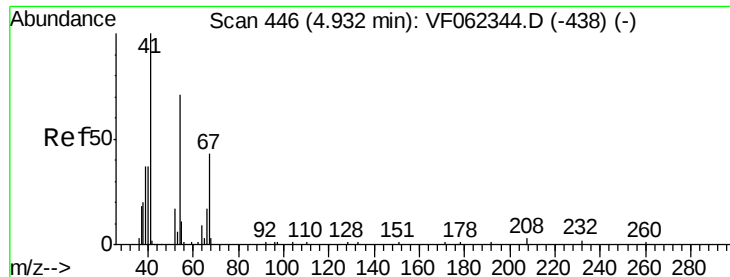
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

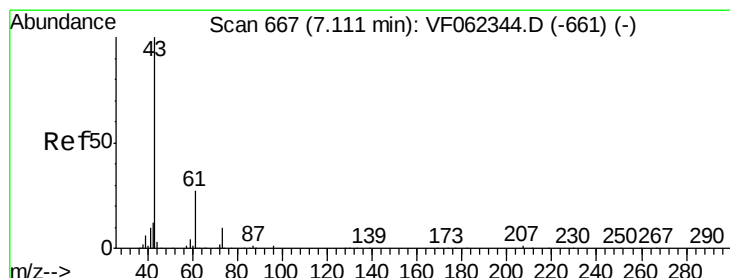
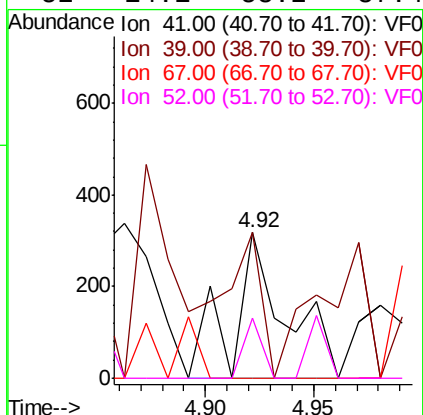
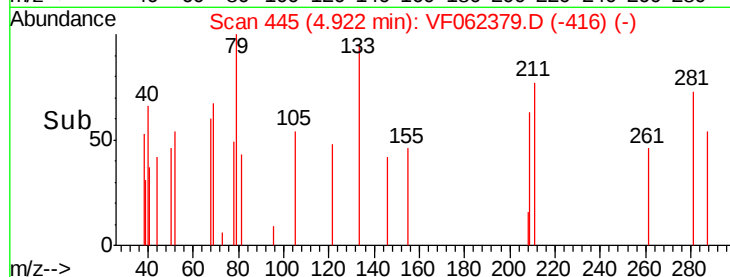
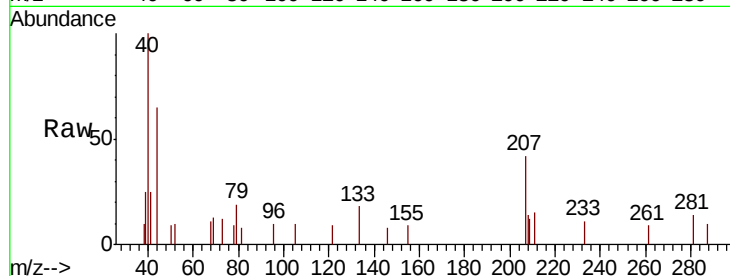




#41
Methacrylonitrile
Concen: 8.542 ug/l
RT: 4.92 min Scan# 445
Delta R.T. -0.01 min
Lab File: VF062379.D
Acq: 8 May 2019 16:08

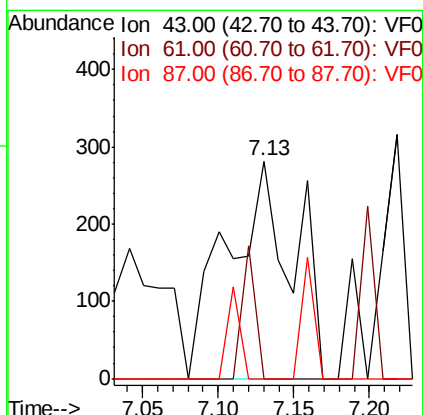
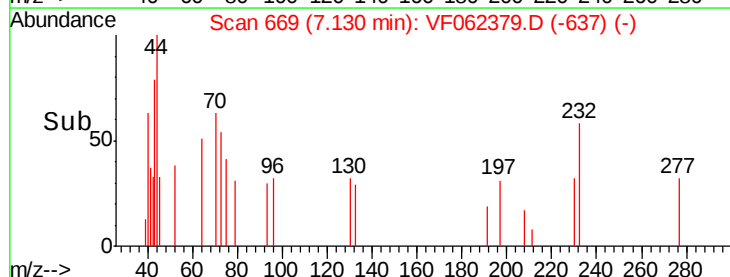
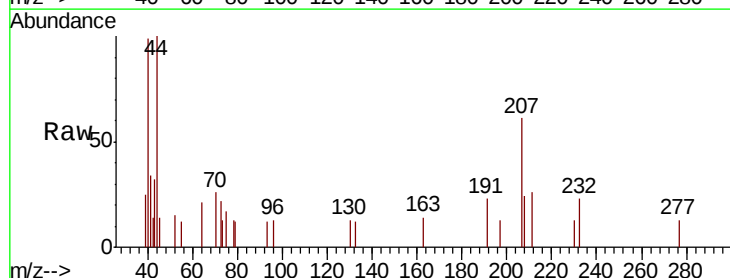
Instrument :
MSVOA_F
ClientSampled :
SB-15-1.0-1.5RE

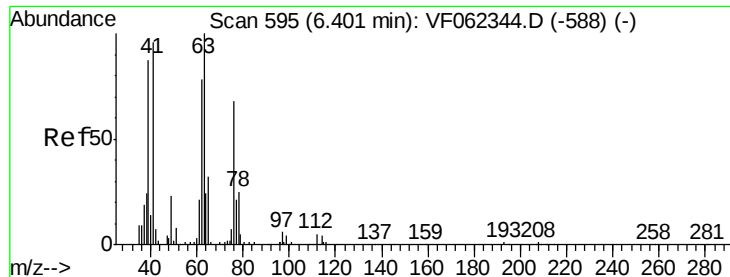
Tot Ion: 41 Resp: 545
Ion Ratio Lower Upper
41 100
39 55.8 54.3 81.5
67 0.0 37.8 56.8#
52 14.1 58.2 87.4#



#43
Isopropyl Acetate
Concen: 7.065 ug/l
RT: 7.13 min Scan# 669
Delta R.T. 0.02 min
Lab File: VF062379.D
Acq: 8 May 2019 16:08

Tgt Ion: 43 Resp: 855
Ion Ratio Lower Upper
43 100
61 11.8 22.8 34.2#
87 8.2 0.6 1.0#





#45

1,2-Dichloropropane

Concen: 1.304 ug/l

RT: 6.35 min Scan# 590

Delta R.T. -0.05 min

Lab File: VF062379.D

Acq: 8 May 2019 16:08

Instrument :

MSVOA_F

ClientSampleId :

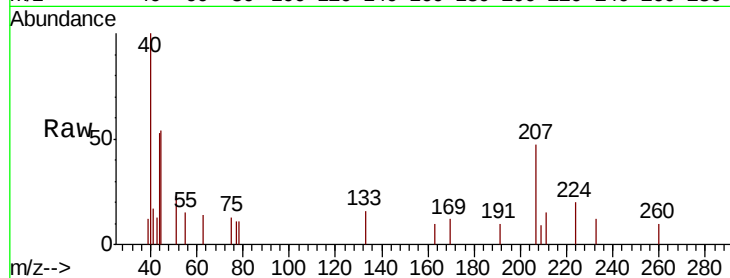
SB-15-1.0-1.5RE

Tot Ion: 63 Resp: 173

Ion Ratio Lower Upper

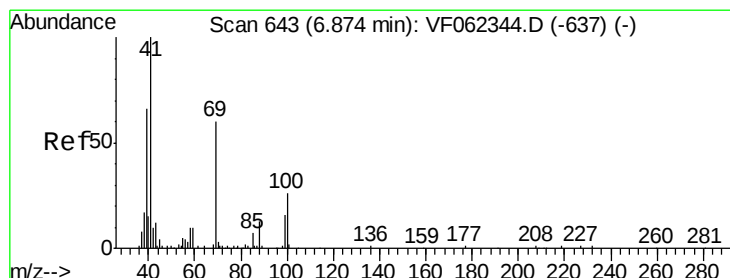
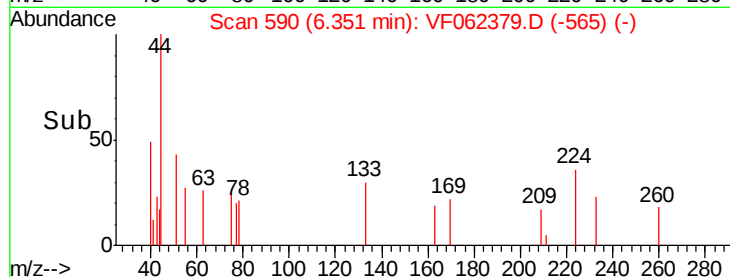
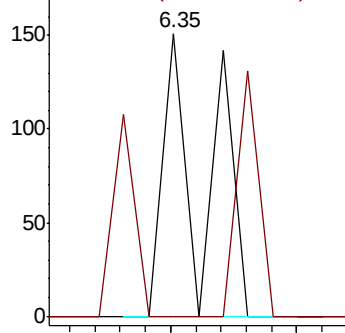
63 100

65 0.0 25.6 38.4#



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 64.90 (64.60 to 65.60): VF0



#48

Methyl methacrylate

Concen: 6.033 ug/l

RT: 6.87 min Scan# 643

Delta R.T. -0.00 min

Lab File: VF062379.D

Acq: 8 May 2019 16:08

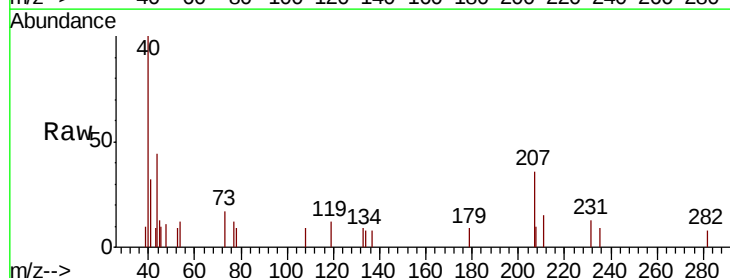
Tgt Ion: 41 Resp: 516

Ion Ratio Lower Upper

41 100

69 0.0 48.6 72.8#

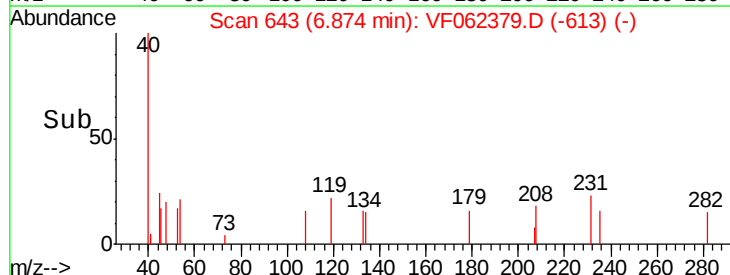
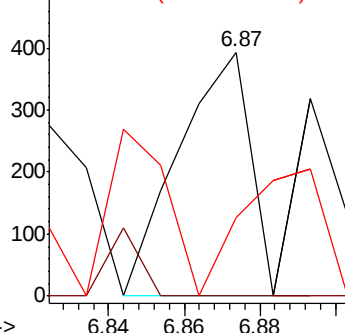
39 0.0 56.1 84.1#

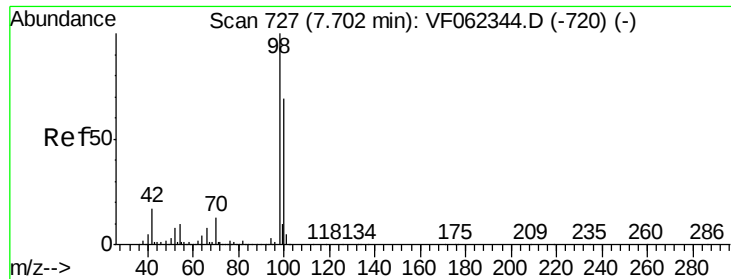


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

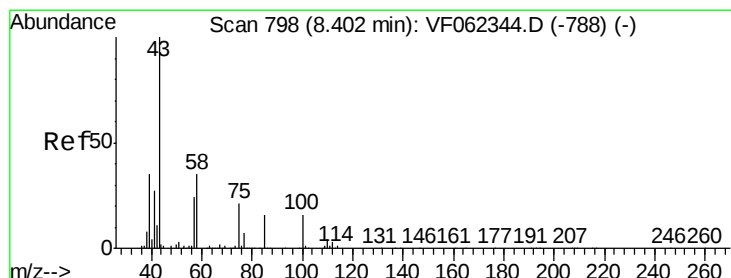
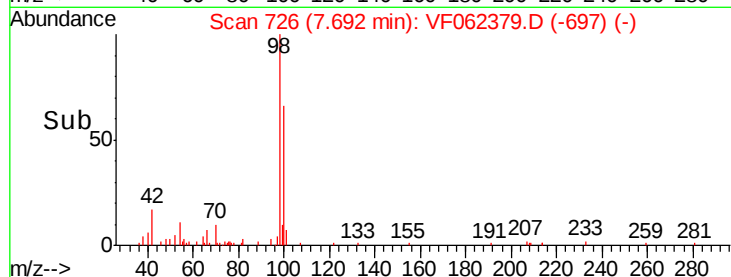
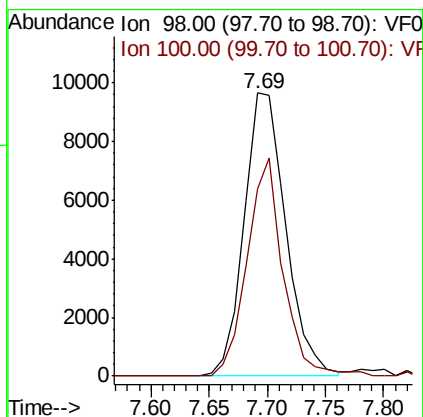
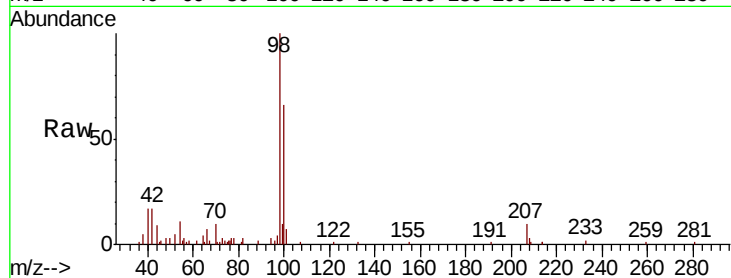




#50
Toluene-d8
Concen: 40.137 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.01 min
Lab File: VF062379.D
Acq: 8 May 2019 16:08

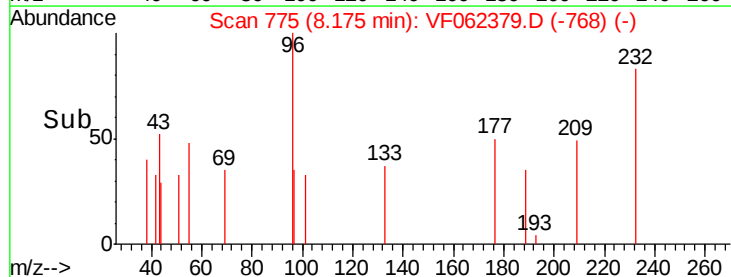
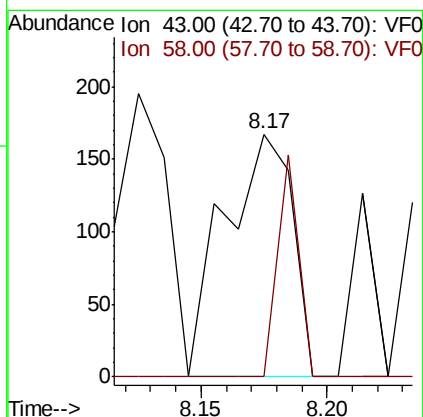
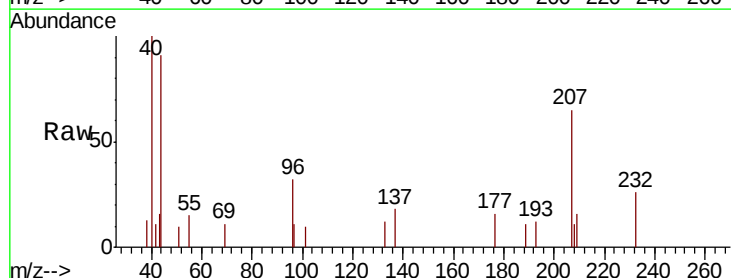
Instrument :
MSVOA_F
ClientSampleId :
SB-15-1.0-1.5RE

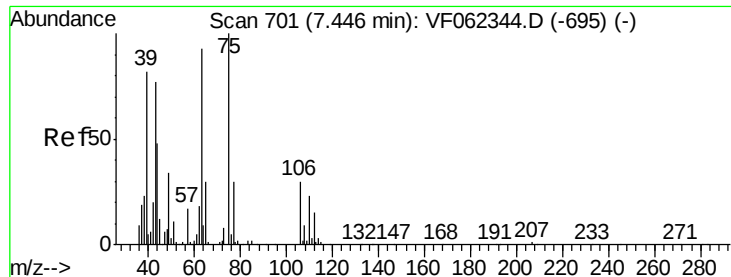
Tot Ion: 98 Resp: 23975
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9



#51
4-Methyl-2-Pentanone
Concen: 3.413 ug/l
RT: 8.17 min Scan# 775
Delta R.T. -0.23 min
Lab File: VF062379.D
Acq: 8 May 2019 16:08

Tgt Ion: 43 Resp: 313
Ion Ratio Lower Upper
43 100
58 28.8 27.8 41.6

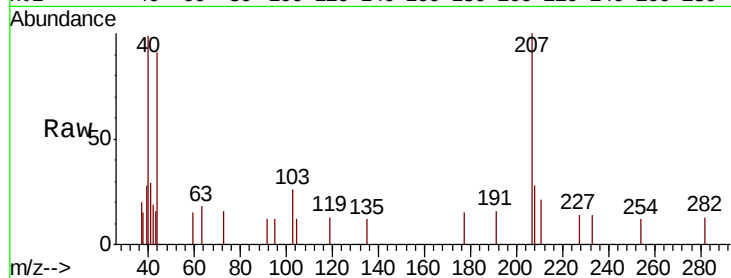




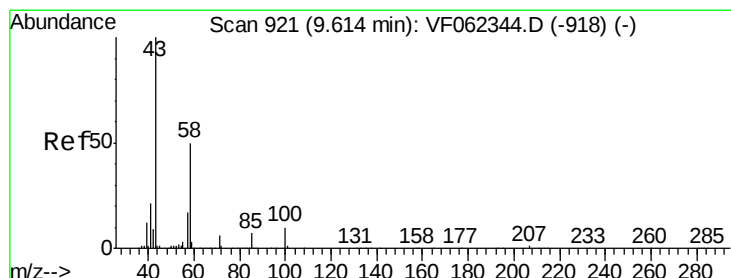
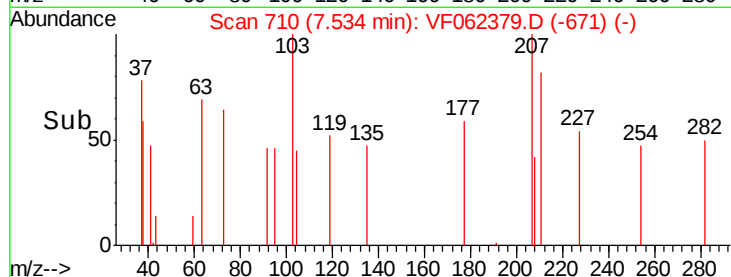
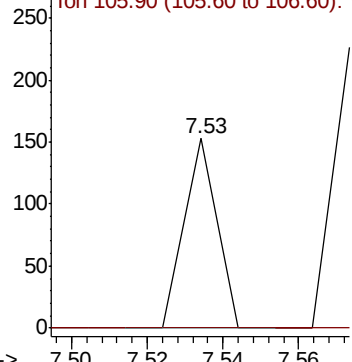
#58
2-Chloroethyl Vinyl ether
Concen: 2.471 ug/l
RT: 7.53 min Scan# 710
Delta R.T. 0.09 min
Lab File: VF062379.D
Acq: 8 May 2019 16:08

Instrument :
MSVOA_F
ClientSampleId :
SB-15-1.0-1.5RE

Tot Ion: 63 Resp: 90
Ion Ratio Lower Upper
63 100
106 0.0 25.8 38.8#

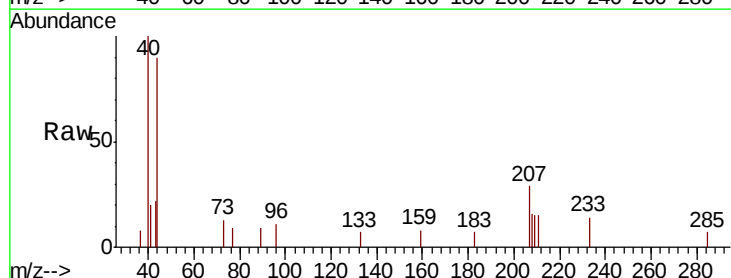


Abundance Ion 62.90 (62.60 to 63.60): VF0
Ion 105.90 (105.60 to 106.60): V

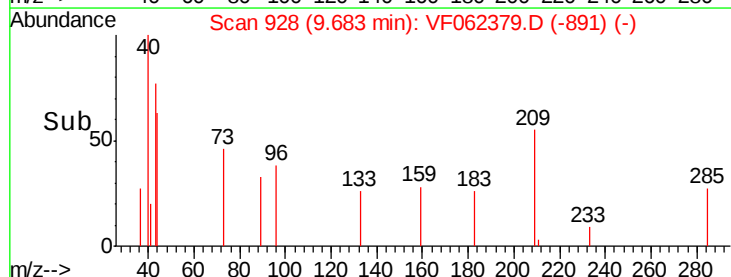
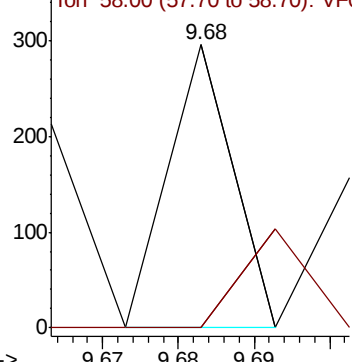


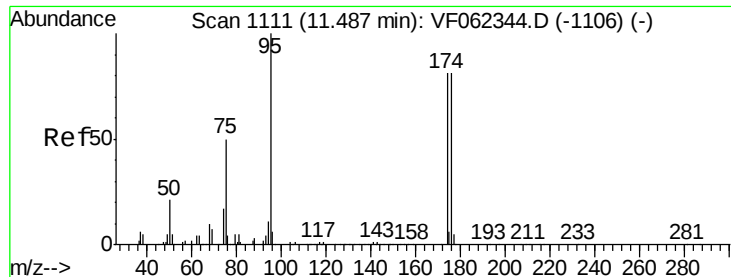
#59
2-Hexanone
Concen: 2.759 ug/l
RT: 9.68 min Scan# 928
Delta R.T. 0.07 min
Lab File: VF062379.D
Acq: 8 May 2019 16:08

Tgt Ion: 43 Resp: 175
Ion Ratio Lower Upper
43 100
58 35.4 24.3 73.0



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0

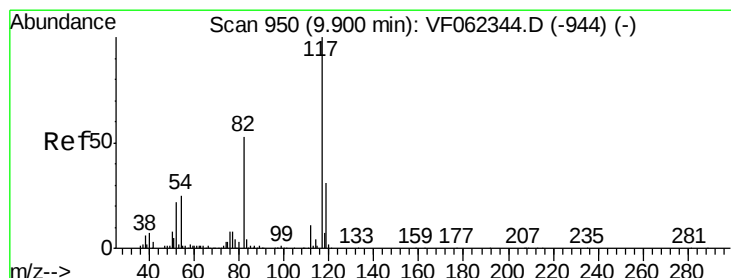
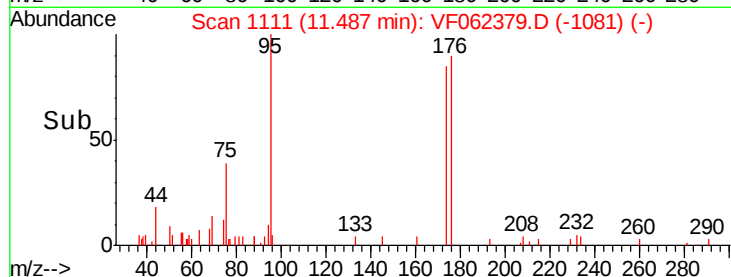
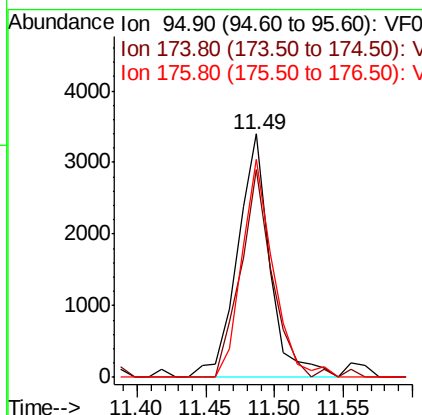
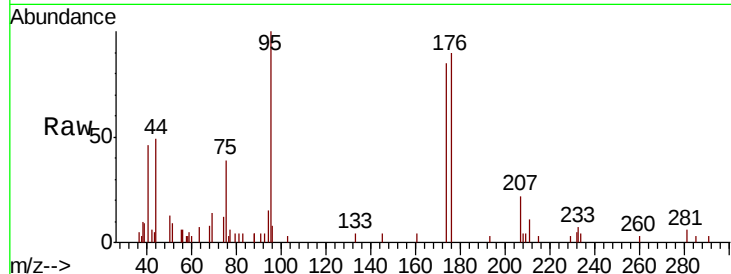




#62
4-Bromofluorobenzene
Concen: 20.691 ug/l
RT: 11.49 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VF062379.D
Acq: 8 May 2019 16:08

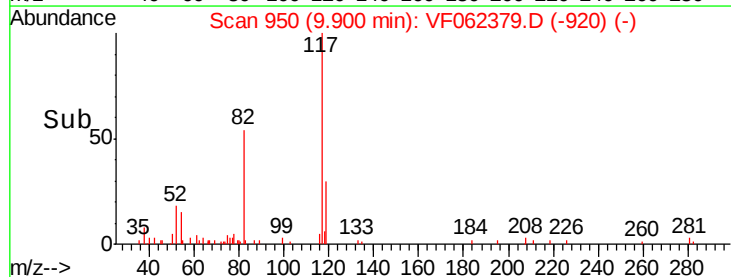
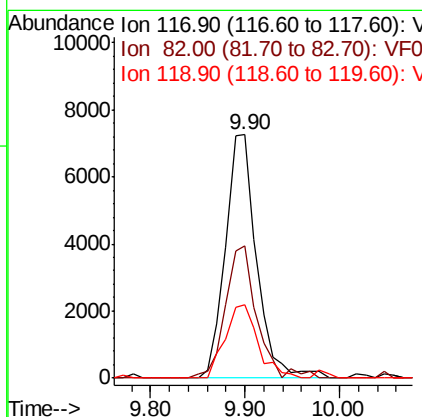
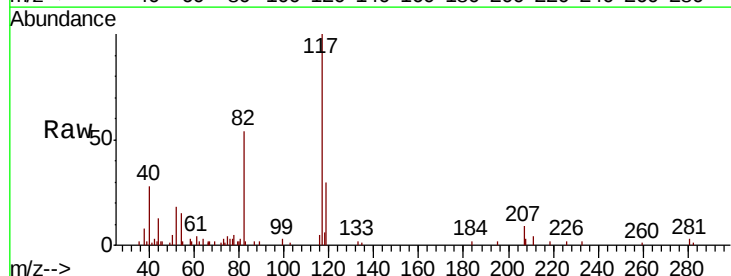
Instrument :
MSVOA_F
ClientSampleId :
SB-15-1.0-1.5RE

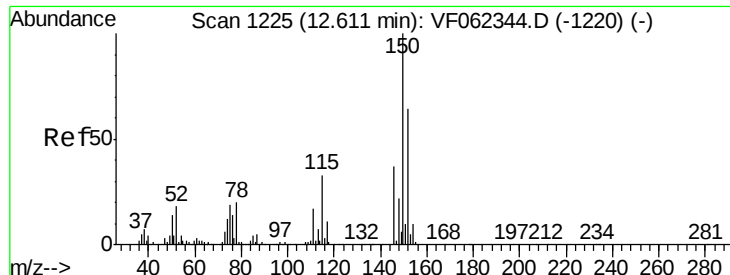
Tot Ion: 95 Resp: 5576
Ion Ratio Lower Upper
95 100
174 84.4 0.0 191.8
176 86.9 0.0 193.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.00 min
Lab File: VF062379.D
Acq: 8 May 2019 16:08

Tgt Ion: 117 Resp: 16650
Ion Ratio Lower Upper
117 100
82 54.3 42.2 63.2
119 29.9 25.0 37.4



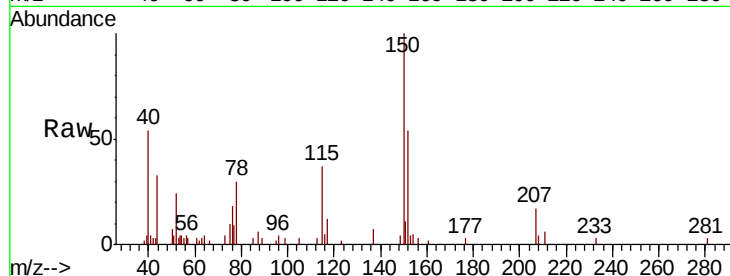


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VF062379.D
Acq: 8 May 2019 16:08

Instrument :
MSVOA_F
ClientSampleId :
SB-15-1.0-1.5RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	65.1	26.4	79.2
150	166.1	0.0	335.0

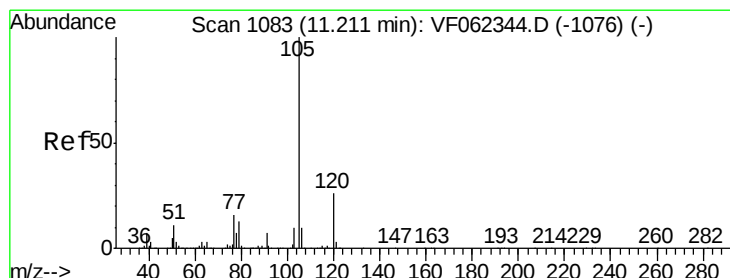
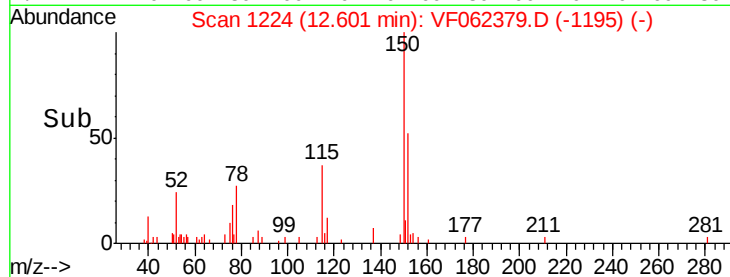
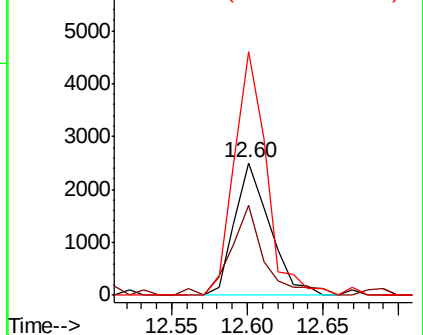


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

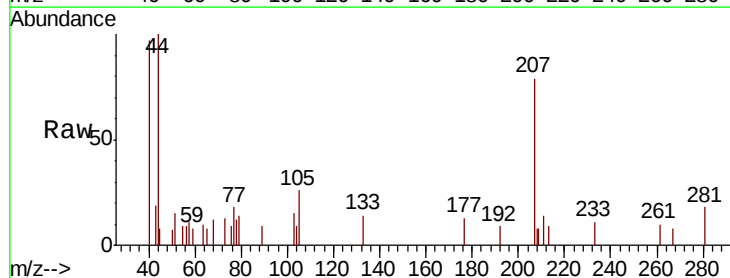
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 1.903 ug/l
RT: 11.20 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VF062379.D
Acq: 8 May 2019 16:08

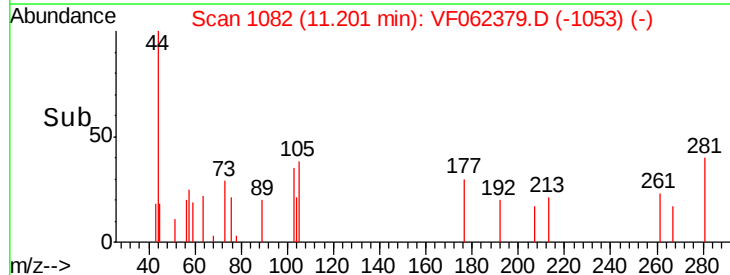
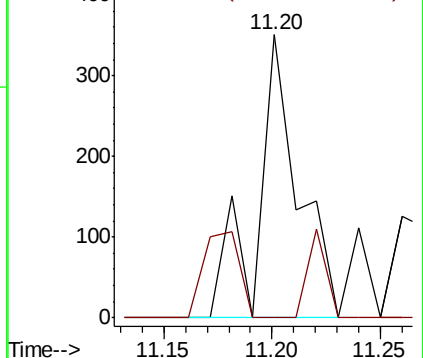
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.5	12.7	38.0

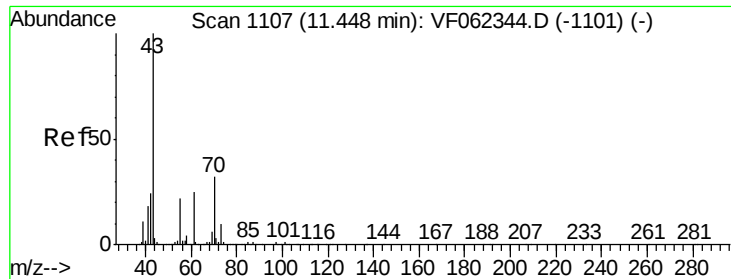


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.211 ug/l

RT: 11.45 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VF062379.D

Acq: 8 May 2019 16:08

Instrument :

MSVOA_F

ClientSampleId :

SB-15-1.0-1.5RE

Tot Ion: 43 Resp: 167

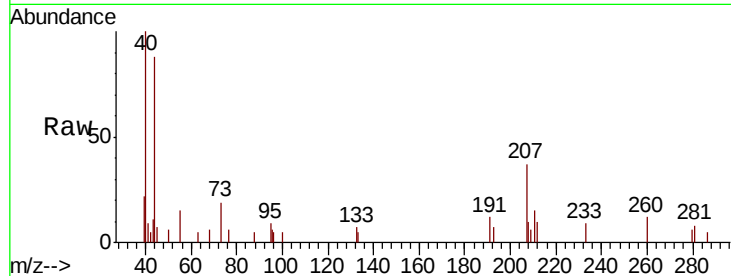
Ion Ratio Lower Upper

43 100

70 105.4 26.5 39.7#

55 191.0 17.8 26.6#

61 46.7 20.2 30.2#

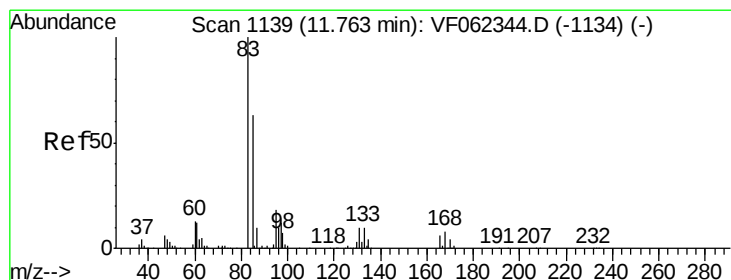
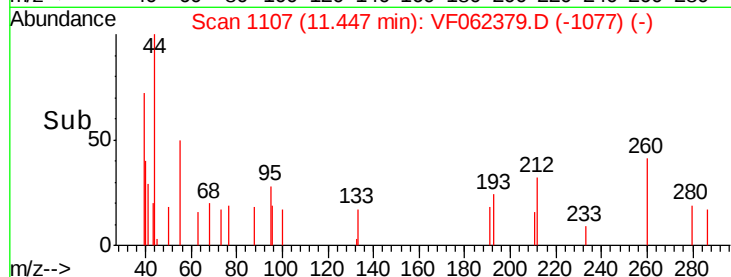
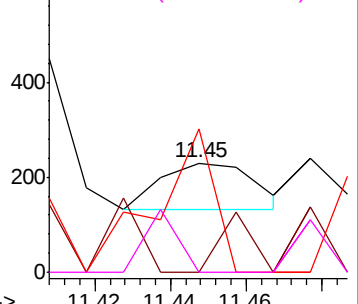


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#75

1,1,2,2-Tetrachloroethane

Concen: 1.872 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. 0.03 min

Lab File: VF062379.D

Acq: 8 May 2019 16:08

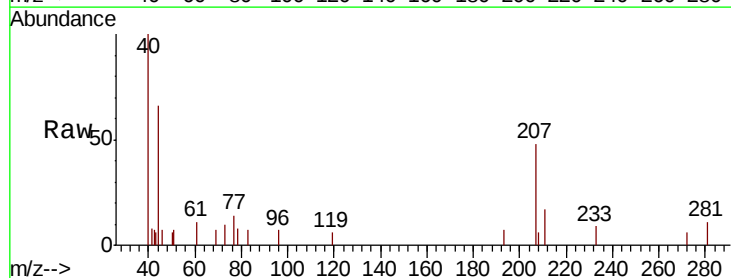
Tgt Ion: 83 Resp: 71

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

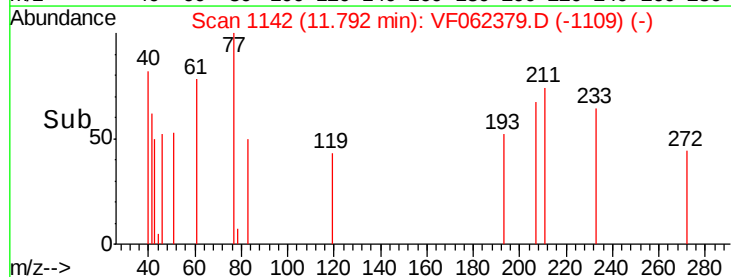
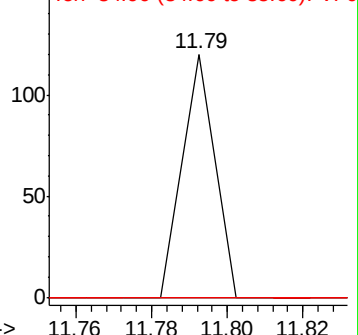
85 0.0 35.3 105.7#

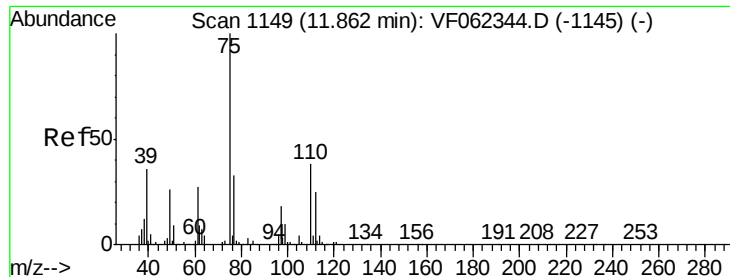


Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VF0





#76

1,2,3-Trichloropropane

Concen: 5.080 ug/l

RT: 11.86 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VF062379.D

Acq: 8 May 2019 16:08

Instrument :

MSVOA_F

ClientSampleId :

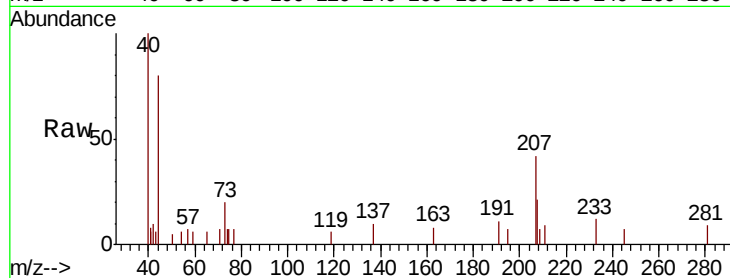
SB-15-1.0-1.5RE

Tot Ion: 75 Resp: 147

Ion Ratio Lower Upper

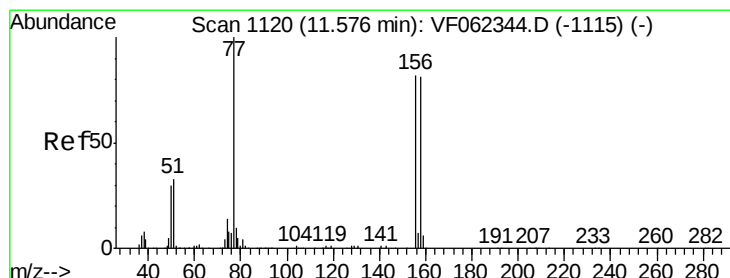
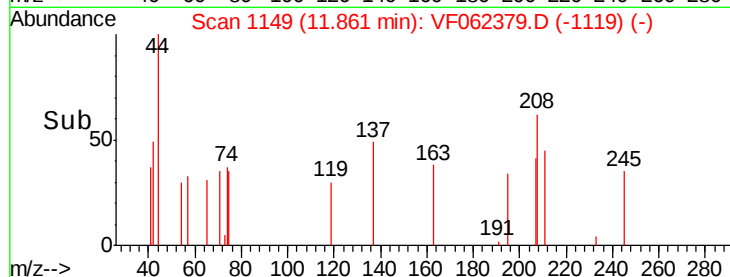
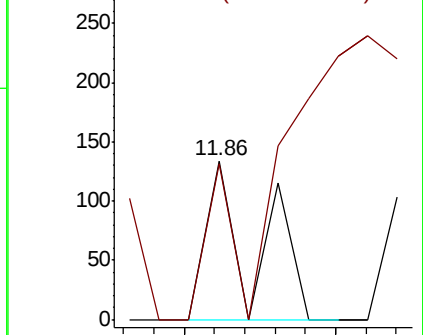
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0



#77

Bromobenzene

Concen: 1.085 ug/l

RT: 11.44 min Scan# 1106

Delta R.T. -0.14 min

Lab File: VF062379.D

Acq: 8 May 2019 16:08

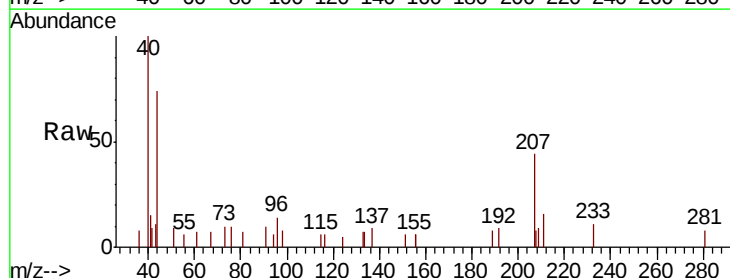
Tgt Ion: 156 Resp: 69

Ion Ratio Lower Upper

156 100

77 813.0 64.8 194.3#

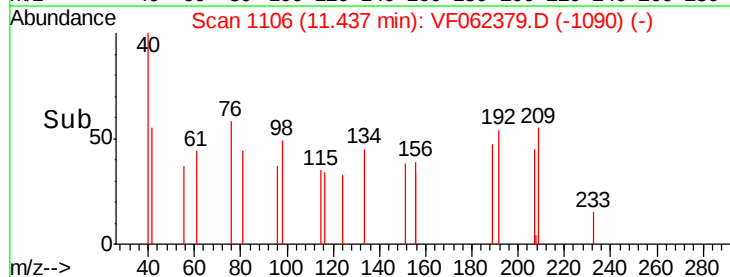
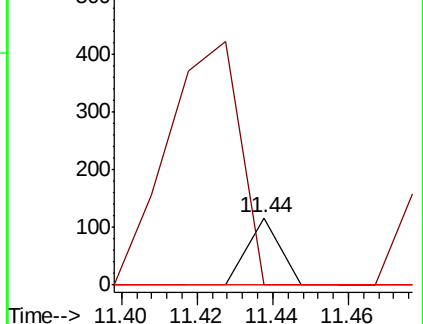
158 0.0 49.1 147.3#

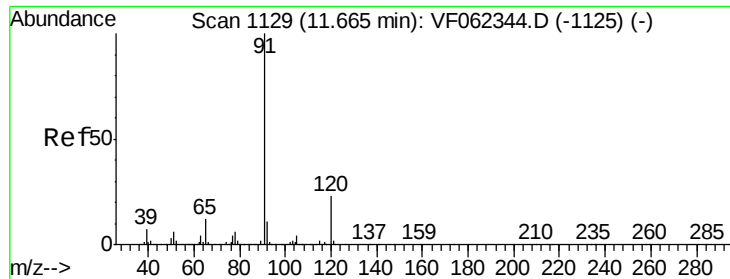


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 1.346 ug/l

RT: 11.66 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VF062379.D

Acq: 8 May 2019 16:08

Instrument :

MSVOA_F

ClientSampleID :

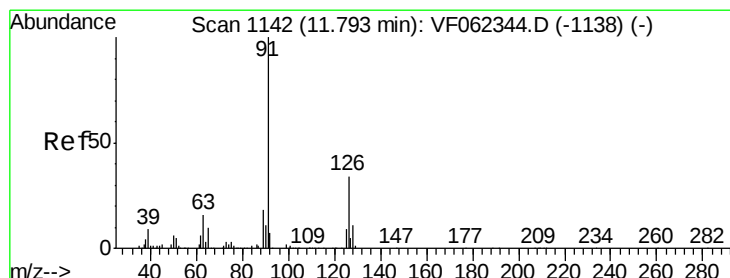
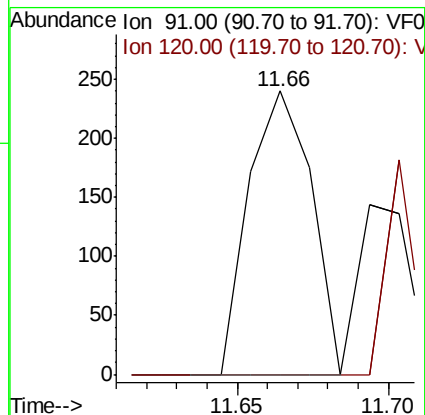
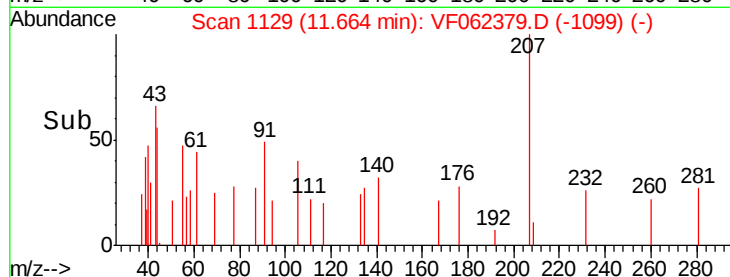
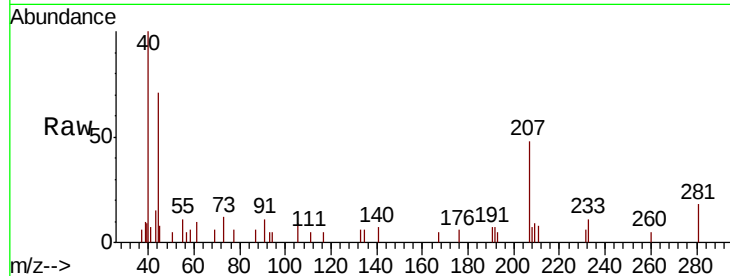
SB-15-1.0-1.5RE

Tot Ion: 91 Resp: 347

Ion Ratio Lower Upper

91 100

120 0.0 11.9 35.5#



#79

2-Chlorotoluene

Concen: 1.927 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. -0.02 min

Lab File: VF062379.D

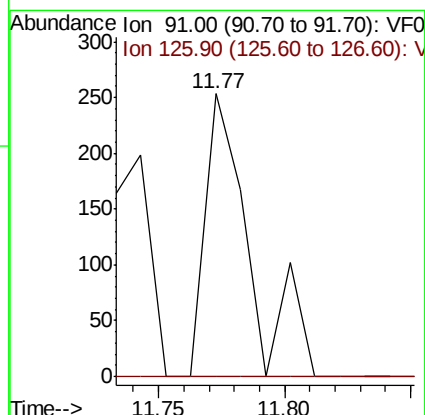
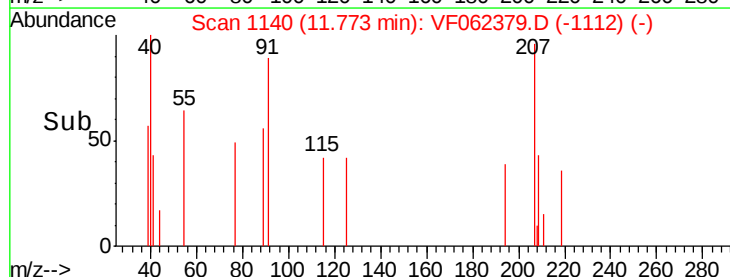
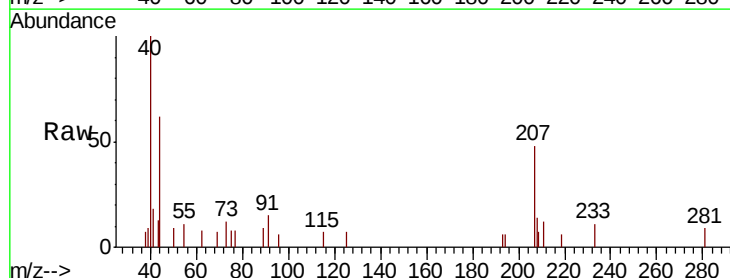
Acq: 8 May 2019 16:08

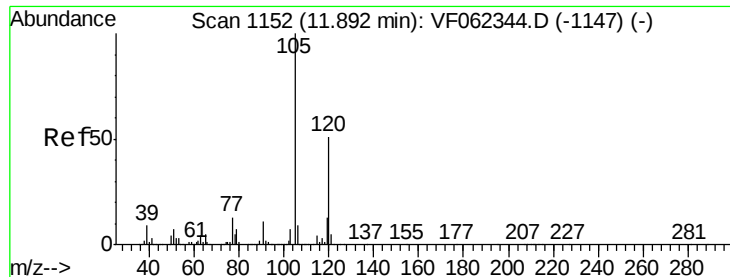
Tgt Ion: 91 Resp: 309

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.4#





#80

1,3,5-Trimethylbenzene

Concen: 1.347 ug/l

RT: 11.88 min Scan# 1151

Delta R.T. -0.01 min

Lab File: VF062379.D

Acq: 8 May 2019 16:08

Instrument :

MSVOA_F

ClientSampleId :

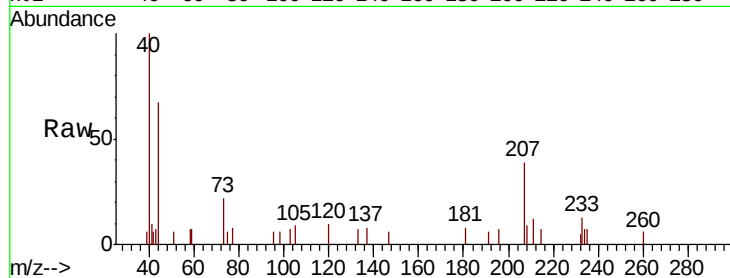
SB-15-1.0-1.5RE

Tot Ion:105 Resp: 286

Ion Ratio Lower Upper

105 100

120 36.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.88

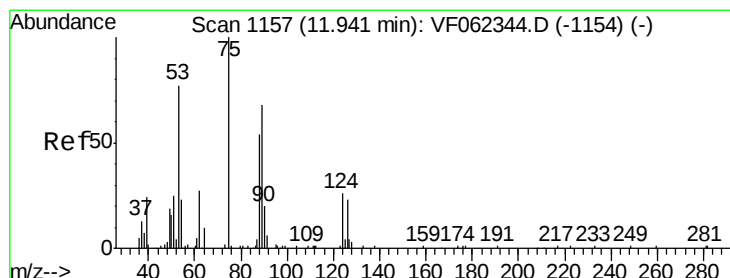
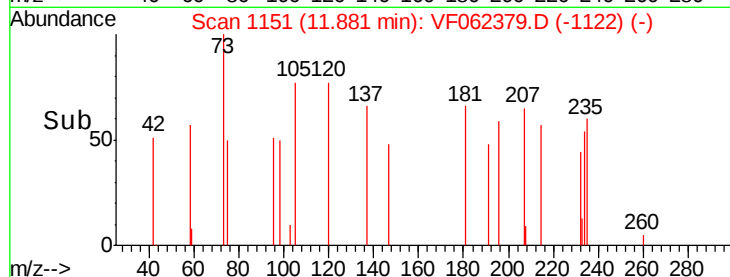
150

100

50

0

Time--> 11.80 11.85 11.90



#81

trans-1,4-Dichloro-2-butene

Concen: 9.654 ug/l

RT: 11.95 min Scan# 1158

Delta R.T. 0.01 min

Lab File: VF062379.D

Acq: 8 May 2019 16:08

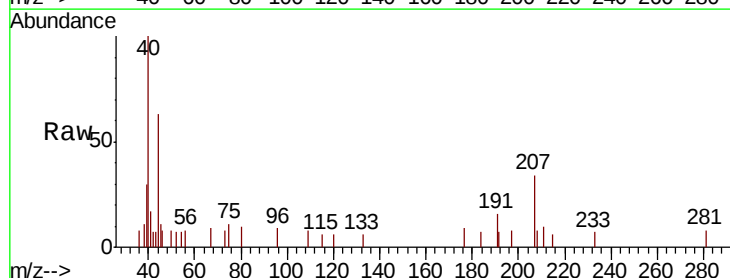
Tgt Ion: 75 Resp: 105

Ion Ratio Lower Upper

75 100

53 81.9 71.9 107.9

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 88.90 (88.60 to 89.60): VF0

11.95

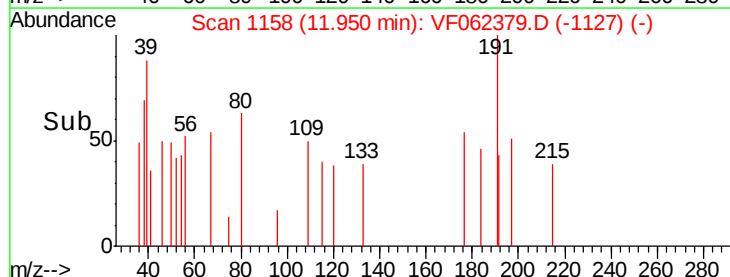
150

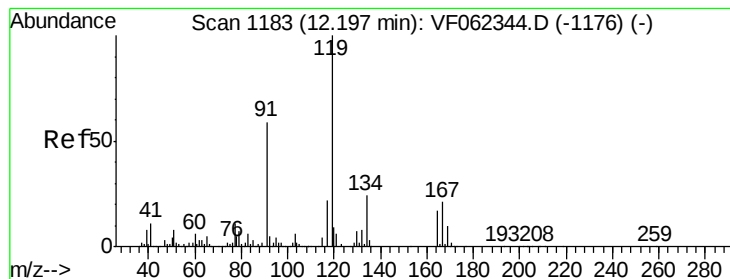
100

50

0

Time--> 11.94 11.96





#83

tert-Butylbenzene

Concen: 1.945 ug/l

RT: 12.18 min Scan# 1181

Delta R.T. -0.02 min

Lab File: VF062379.D

Acq: 8 May 2019 16:08

Instrument :

MSVOA_F

ClientSampleId :

SB-15-1.0-1.5RE

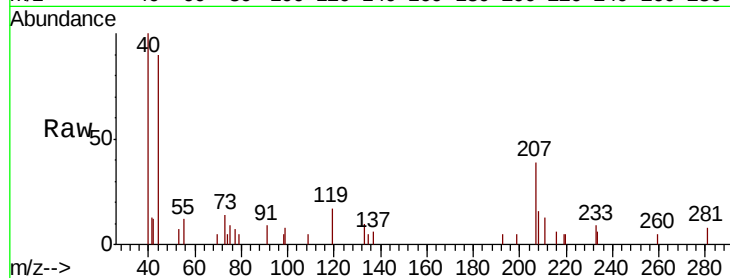
Tot Ion:119 Resp: 434

Ion Ratio Lower Upper

119 100

91 77.9 30.4 91.3

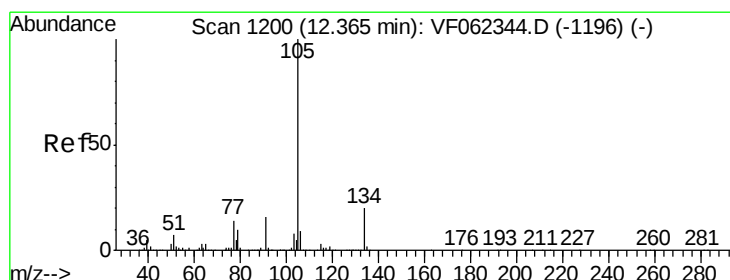
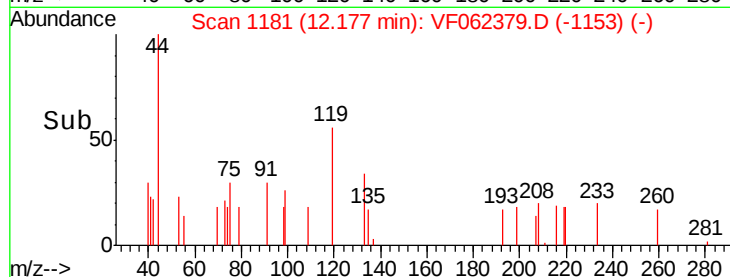
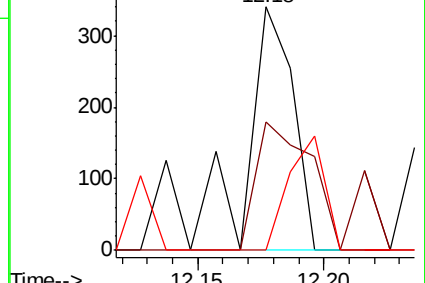
134 36.6 11.9 35.7#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#85

sec-Butylbenzene

Concen: 1.292 ug/l

RT: 12.35 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VF062379.D

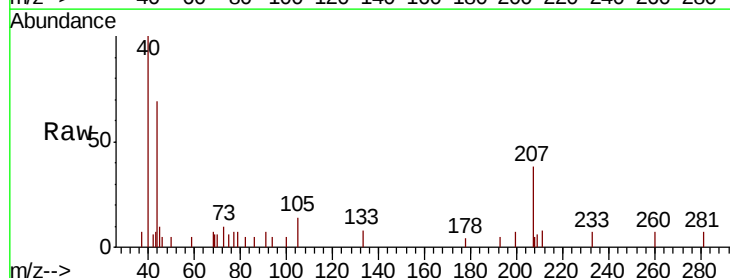
Acq: 8 May 2019 16:08

Tgt Ion:105 Resp: 351

Ion Ratio Lower Upper

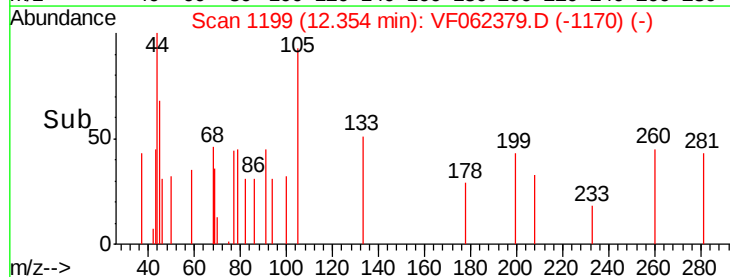
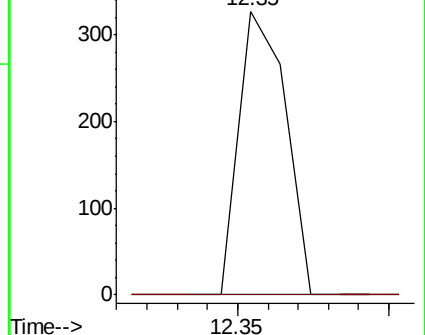
105 100

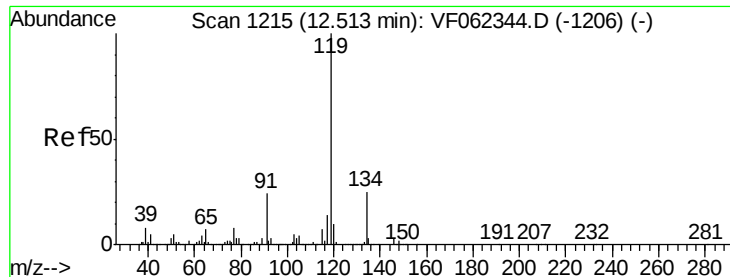
134 0.0 9.8 29.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

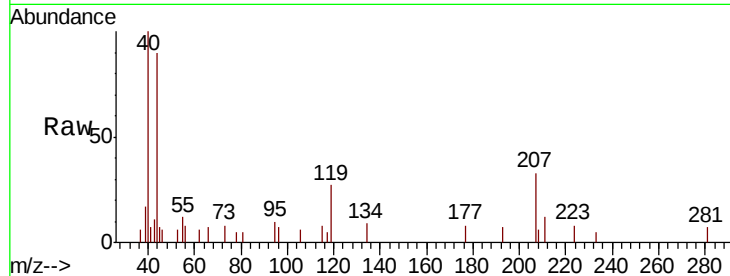




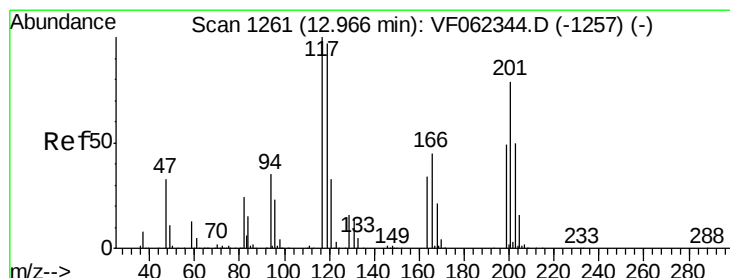
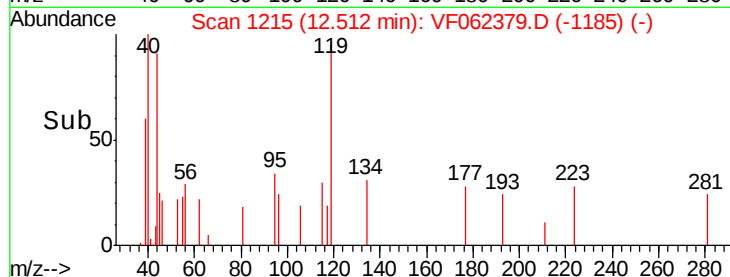
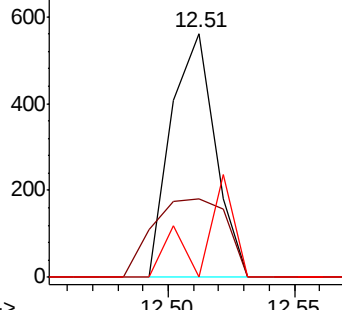
#86
p-Isopropyltoluene
Concen: 2.695 ug/l
RT: 12.51 min Scan# 1215
Delta R.T. -0.00 min
Lab File: VF062379.D
Acq: 8 May 2019 16:08

Instrument :
MSVOA_F
ClientSampleId :
SB-15-1.0-1.5RE

Tot Ion	Ratio	Lower	Upper
119	100		
134	54.1	12.9	38.7#
91	31.0	12.3	36.8

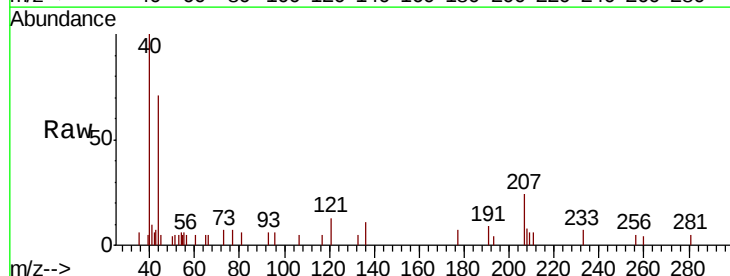


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

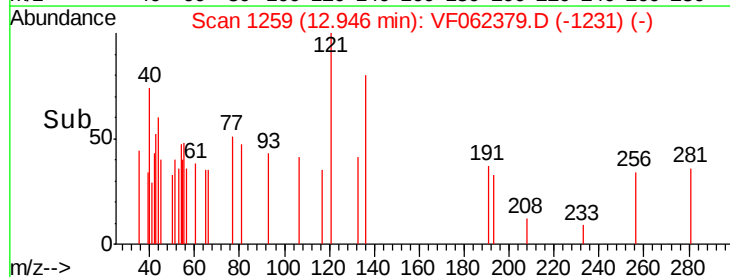
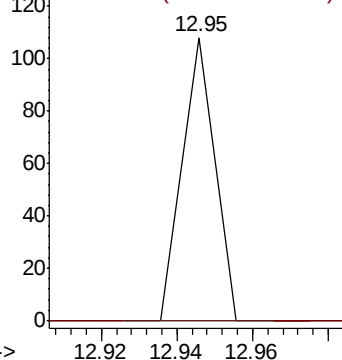


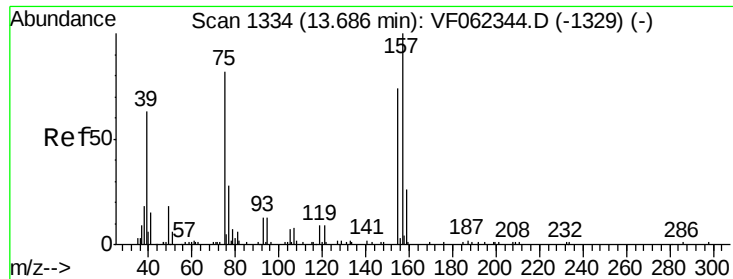
#90
Hexachloroethane
Concen: 1.016 ug/l
RT: 12.95 min Scan# 1259
Delta R.T. -0.02 min
Lab File: VF062379.D
Acq: 8 May 2019 16:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	0.0	46.2	138.5#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 16.594 ug/l

RT: 13.71 min Scan# 1337

Delta R.T. 0.03 min

Lab File: VF062379.D

Acq: 8 May 2019 16:08

Instrument :

MSVOA_F

ClientSampleId :

SB-15-1.0-1.5RE

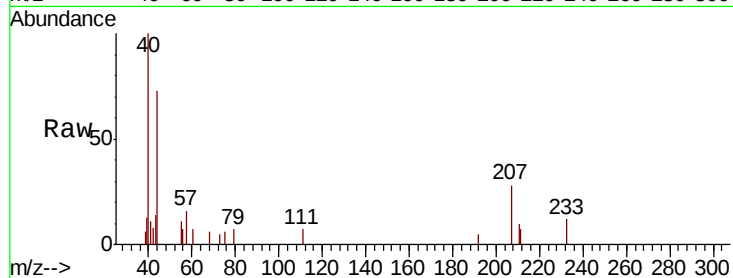
Tot Ion: 75 Resp: 141

Ion Ratio Lower Upper

75 100

155 0.0 51.8 155.4#

157 0.0 67.3 201.8#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

