

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
 Data File : VF059247.D
 Acq On : 21 Jun 2018 2:33
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.20g/5mL/MSVOA-F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 6/21/2018 9:46:28 AM

Quant Time: Jun 21 09:02:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	230699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	346927	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	356446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	217654	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.01	65	168849	60.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.70%	
35) Dibromofluoromethane	4.29	113	142822	58.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.34%	
50) Toluene-d8	7.71	98	391001	54.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.34%	
62) 4-Bromofluorobenzene	11.51	95	203483	55.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.98	85	127420	48.80	ug/l	98
3) Chloromethane	1.08	50	81871m	40.48	ug/l	
4) Vinyl Chloride	1.14	62	80480	44.10	ug/l	97
5) Bromomethane	1.34	94	45194	42.51	ug/l	98
6) Chloroethane	1.43	64	36720	48.50	ug/l	97
7) Trichlorofluoromethane	1.49	101	167751m	59.14	ug/l	
8) Diethyl Ether	1.70	74	39757	55.71	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	1.90	101	84994	47.02	ug/l	96
10) Methyl Iodide	1.97	142	157846	49.90	ug/l	99
11) Tert butyl alcohol	2.70	59	50084	279.38	ug/l	96
12) 1,1-Dichloroethene	1.86	96	82879	54.52	ug/l	94
13) Acrolein	2.09	56	33188	213.89	ug/l	99
14) Allyl chloride	2.19	41	144164	48.32	ug/l	88
15) Acrylonitrile	3.08	53	102248	287.18	ug/l	96
16) Acetone	2.33	43	161713	242.08	ug/l #	88
17) Carbon Disulfide	1.87	76	184107	43.14	ug/l	97
18) Methyl Acetate	2.45	43	68408	59.57	ug/l #	91
19) Methyl tert-butyl Ether	2.53	73	285051	60.41	ug/l	99
20) Methylene Chloride	2.27	84	82921m	51.84	ug/l	
21) trans-1,2-Dichloroethene	2.41	96	84797	50.86	ug/l	95
22) Diisopropyl ether	2.92	45	318342	54.28	ug/l	98
23) Vinyl Acetate	3.33	43	997659	257.99	ug/l	99
24) 1,1-Dichloroethane	2.99	63	196104	55.15	ug/l	99
25) 2-Butanone	4.51	43	234278	226.21	ug/l	99
26) 2,2-Dichloropropane	3.76	77	125308	48.58	ug/l	93
27) cis-1,2-Dichloroethene	3.63	96	130324	50.79	ug/l	95
28) Bromochloromethane	3.88	49	74800	46.74	ug/l #	88
29) Tetrahydrofuran	4.26	42	112662	246.88	ug/l	98
30) Chloroform	4.03	83	285579	56.14	ug/l	99
31) Cyclohexane	3.86	56	131141	42.22	ug/l	93
32) 1,1,1-Trichloroethane	4.27	97	210938	55.55	ug/l	94
36) 1,1-Dichloropropene	4.45	75	172862	51.41	ug/l	96
37) Ethyl Acetate	4.29	43	112101	53.95	ug/l	89
38) Carbon Tetrachloride	4.17	117	221138	60.68	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	160462	46.81	ug/l	97
40) Benzene	4.81	78	383953	49.19	ug/l	96
41) Methacrylonitrile	4.93	41	56879	55.72	ug/l	96
42) 1,2-Dichloroethane	5.11	62	234357	66.95	ug/l	97
43) Isopropyl Acetate	7.10	43	145731	52.37	ug/l #	90
44) Trichloroethene	5.67	130	132029	54.14	ug/l	97
45) 1,2-Dichloropropane	6.39	63	113001	50.21	ug/l	94
46) Dibromomethane	6.25	93	97923	57.83	ug/l	99
47) Bromodichloromethane	6.54	83	240189	62.35	ug/l	97
48) Methyl methacrylate	6.87	41	94317	54.98	ug/l #	90
49) 1,4-Dioxane	6.87	88	11960	960.41	ug/l	95
51) 4-Methyl-2-Pentanone	8.41	43	509255	267.01	ug/l	100
52) Toluene	7.77	92	288434	51.31	ug/l	100
53) t-1,3-Dichloropropene	8.43	75	201050	53.89	ug/l	99
54) cis-1,3-Dichloropropene	7.46	75	221273	51.63	ug/l	95
55) 1,1,2-Trichloroethane	8.64	97	121078	59.43	ug/l	97
56) Ethyl methacrylate	8.76	69	146858	57.19	ug/l	98
57) 1,3-Dichloropropane	9.00	76	199306	57.19	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.77	63	51987	283.13	ug/l	100
59) 2-Hexanone	9.63	43	409169	271.22	ug/l	97
60) Dibromochloromethane	8.86	129	179615	61.35	ug/l	98
61) 1,2-Dibromoethane	9.13	107	140800	59.48	ug/l	96
64) Tetrachloroethene	8.31	164	144811	55.39	ug/l	91
65) Chlorobenzene	9.94	112	374881	53.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.07	131	160614	57.20	ug/l	95
67) Ethyl Benzene	10.04	91	663265	54.08	ug/l	99
68) m/p-Xylenes	10.27	106	448405	97.65	ug/l	94
69) o-Xylene	10.83	106	263199	53.04	ug/l	96
70) Styrene	10.90	104	393445	52.40	ug/l	96
71) Bromoform	10.89	173	112957	59.24	ug/l #	94
73) Isopropylbenzene	11.22	105	755792	50.16	ug/l	99
74) N-amyl acetate	11.46	43	266213	49.46	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.79	83	180373	50.49	ug/l	96
76) 1,2,3-Trichloropropane	11.88	75	135557	51.38	ug/l	98
77) Bromobenzene	11.60	156	202528	53.40	ug/l	82
78) n-propylbenzene	11.69	91	872567	48.92	ug/l	98
79) 2-Chlorotoluene	11.82	91	523452	49.68	ug/l	98
80) 1,3,5-Trimethylbenzene	11.91	105	627482	50.31	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.95	75	79445	46.44	ug/l	96
82) 4-Chlorotoluene	11.99	91	572227	51.01	ug/l	96
83) tert-Butylbenzene	12.22	119	653647	52.78	ug/l	97
84) 1,2,4-Trimethylbenzene	12.29	105	681124	52.71	ug/l	94
85) sec-Butylbenzene	12.39	105	857698	50.97	ug/l	99
86) p-Isopropyltoluene	12.54	119	699505	50.61	ug/l	96
87) 1,3-Dichlorobenzene	12.56	146	350884	50.11	ug/l	99
88) 1,4-Dichlorobenzene	12.64	146	359357	53.26	ug/l	99
89) n-Butylbenzene	12.92	91	716211	50.00	ug/l	99
90) Hexachloroethane	13.00	117	176231	51.78	ug/l	73
91) 1,2-Dichlorobenzene	13.02	146	356938	52.92	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.72	75	37418	53.39	ug/l	72

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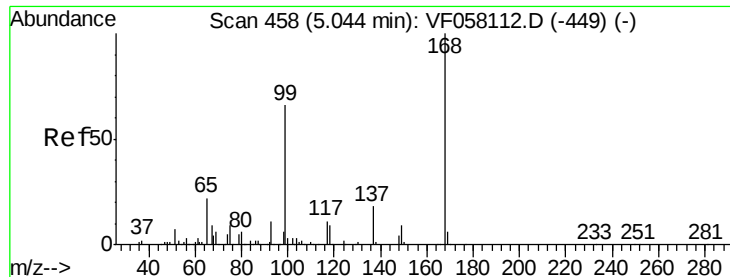
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	266836	56.56	ug/l	98
94) Hexachlorobutadiene	14.26	225	150465	55.11	ug/l	97
95) Naphthalene	14.53	128	604102	59.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.67	180	252630	57.94	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 230699

Ion Ratio Lower Upper

168 100

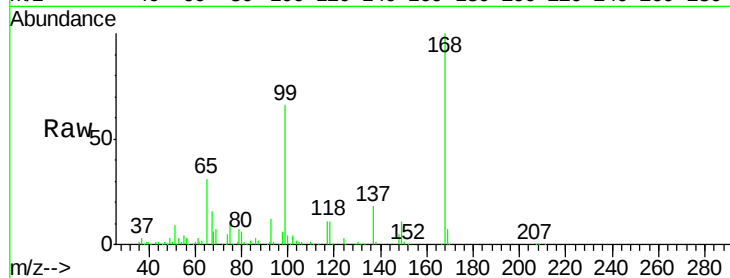
99 66.3 52.9 79.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

80000

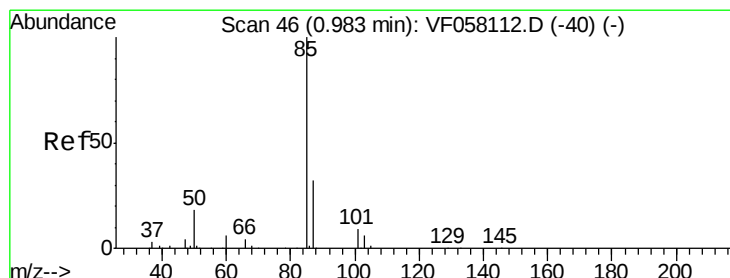
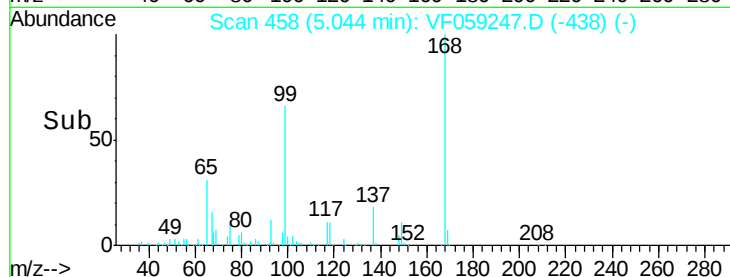
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.80 ug/l

RT: 0.98 min Scan# 46

Delta R.T. -0.00 min

Lab File: VF059247.D

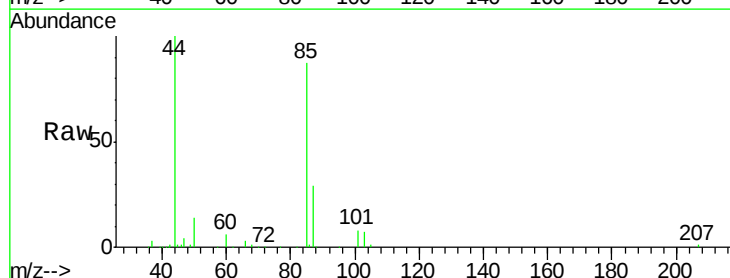
Acq: 21 Jun 2018 2:33

Tgt Ion: 85 Resp: 127420

Ion Ratio Lower Upper

85 100

87 33.5 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.98

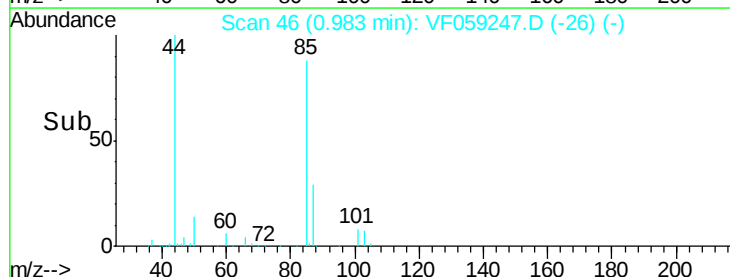
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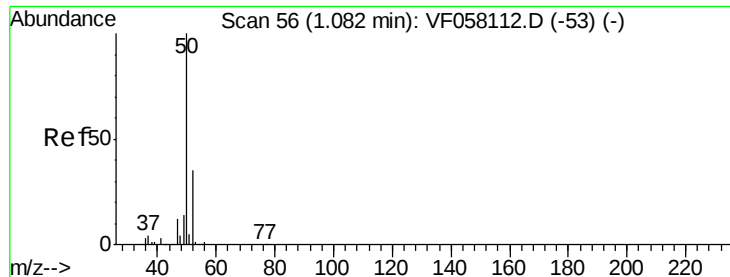
20000

10000

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Time-->





#3

Chloromethane

Concen: 40.48 ug/l m

RT: 1.08 min Scan# 56

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 81871

Ion Ratio Lower Upper

50 100

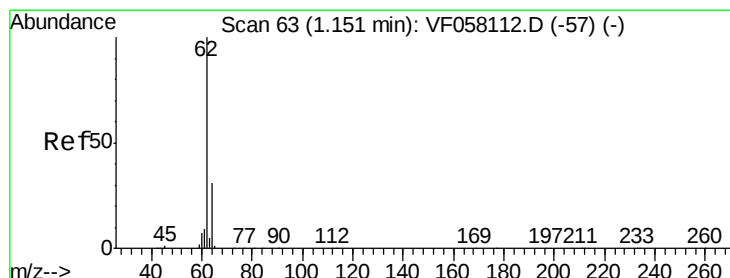
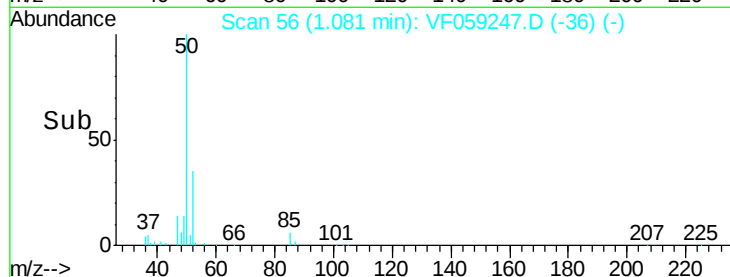
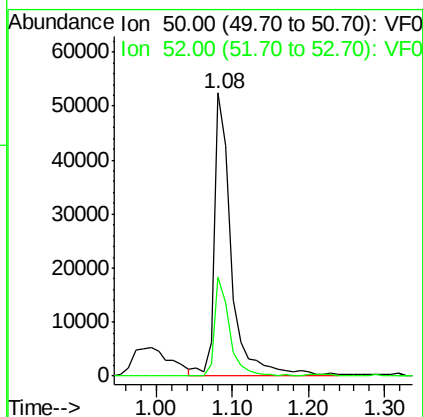
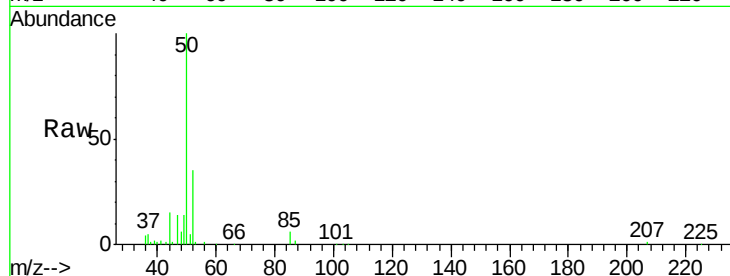
52 35.1 27.3 40.9

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#4

Vinyl Chloride

Concen: 44.10 ug/l

RT: 1.14 min Scan# 62

Delta R.T. -0.01 min

Lab File: VF059247.D

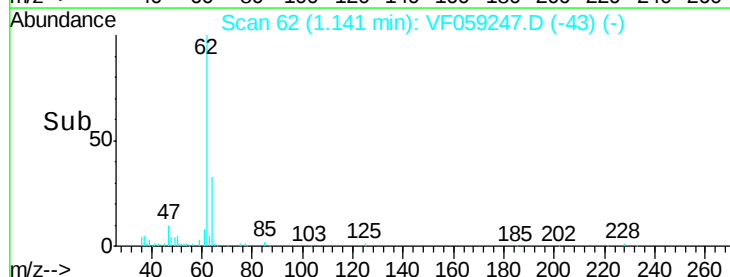
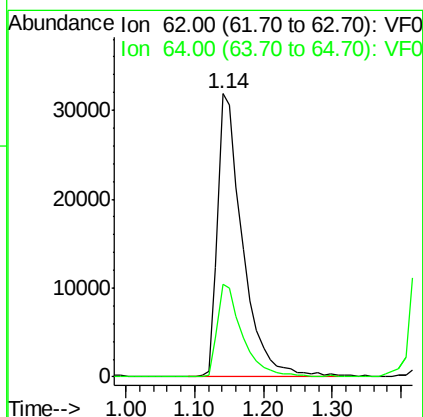
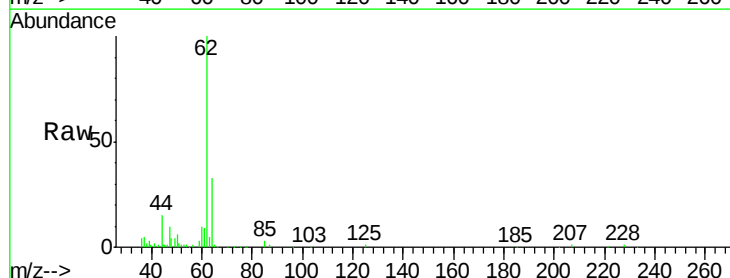
Acq: 21 Jun 2018 2:33

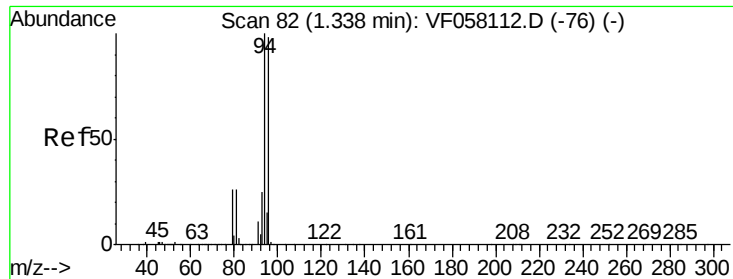
Tgt Ion: 62 Resp: 80480

Ion Ratio Lower Upper

62 100

64 32.7 25.0 37.6





#5

Bromomethane

Concen: 42.51 ug/l

RT: 1.34 min Scan# 82

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 45194

Ion Ratio Lower Upper

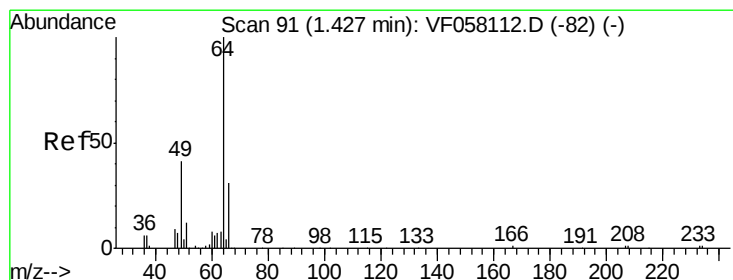
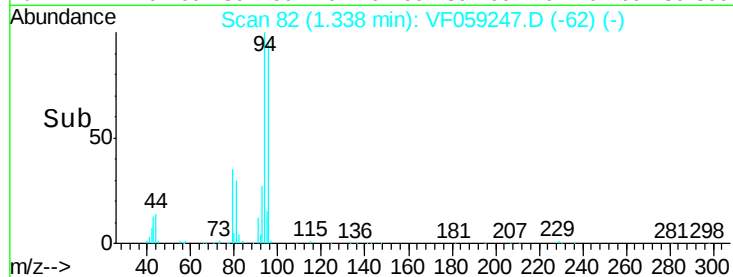
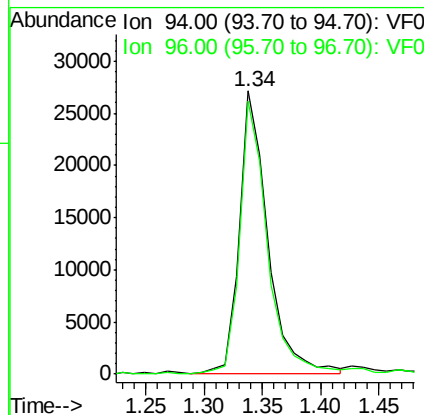
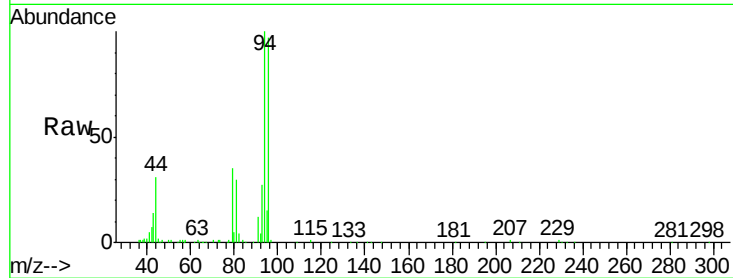
94 100

96 96.6 78.6 117.8

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#6

Chloroethane

Concen: 48.50 ug/l

RT: 1.43 min Scan# 91

Delta R.T. -0.00 min

Lab File: VF059247.D

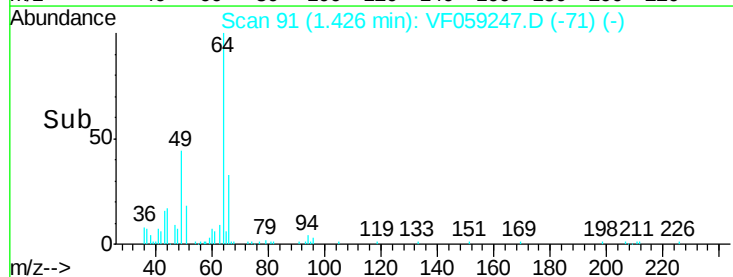
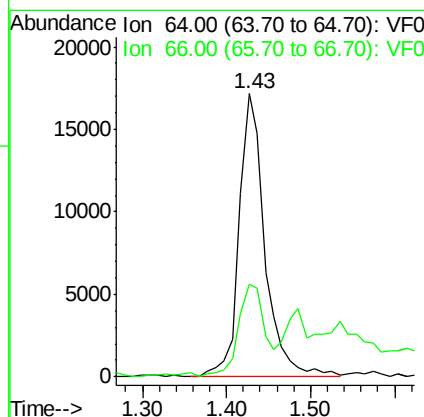
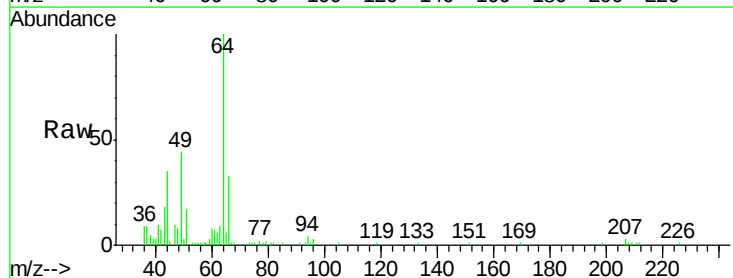
Acq: 21 Jun 2018 2:33

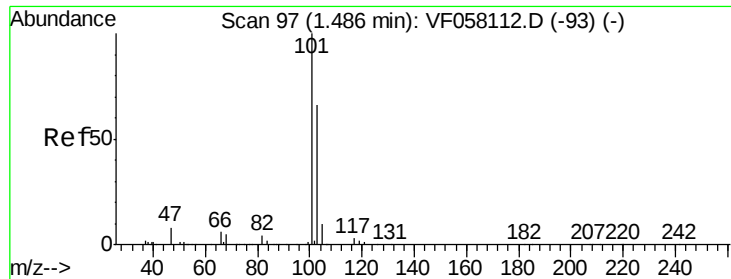
Tgt Ion: 64 Resp: 36720

Ion Ratio Lower Upper

64 100

66 32.8 24.9 37.3





#7

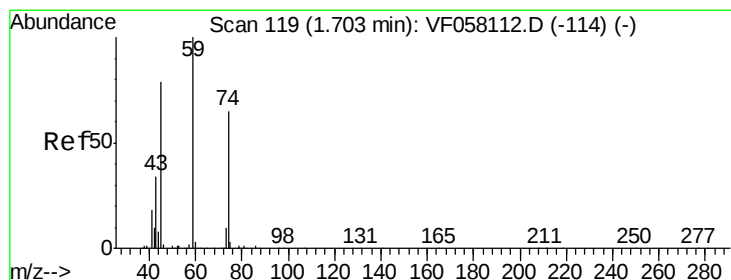
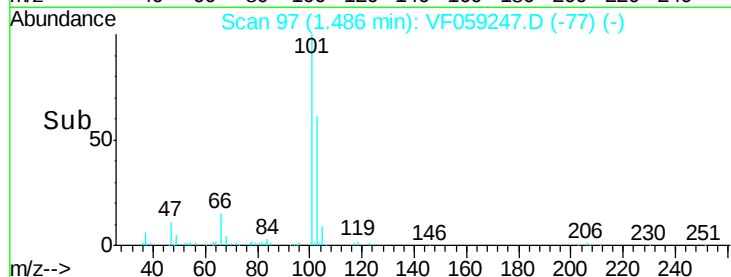
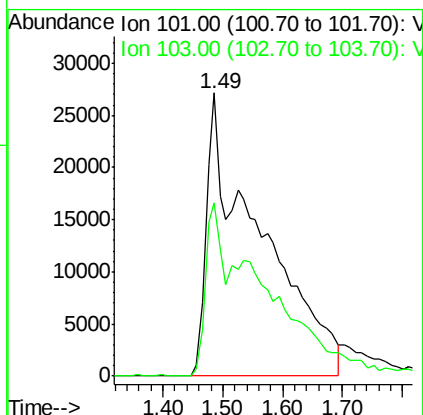
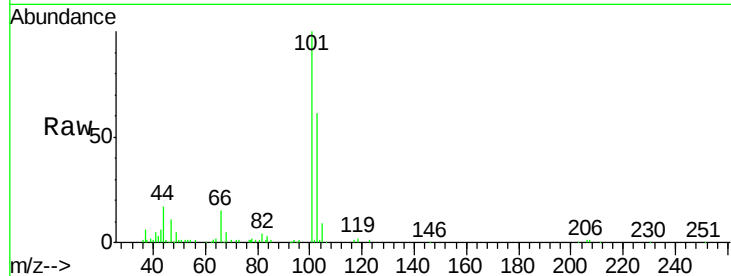
Trichlorofluoromethane
Concen: 59.14 ug/l m
RT: 1.49 min Scan# 97
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.2	53.4	80.2

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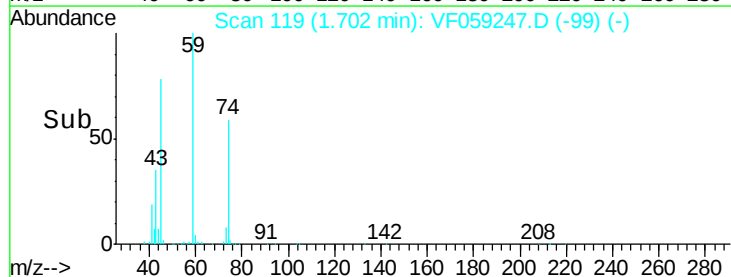
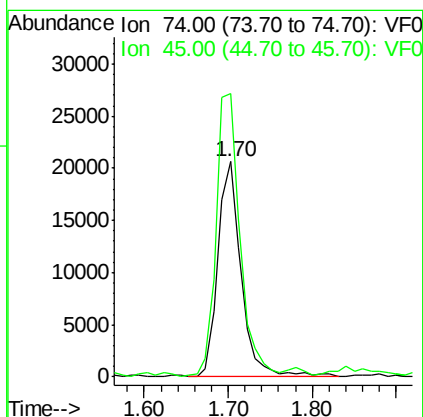
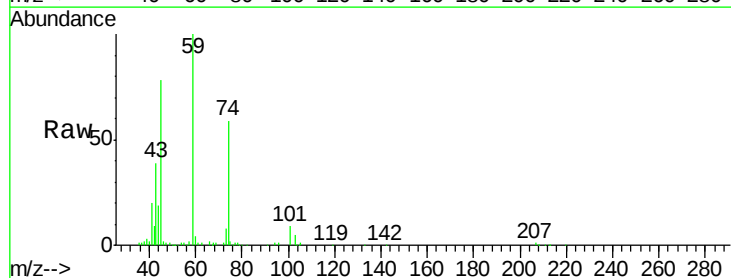
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#8

Diethyl Ether
Concen: 55.71 ug/l
RT: 1.70 min Scan# 119
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	131.6	61.5	184.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.02 ug/l

RT: 1.90 min Scan# 139

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

MSVOA_F

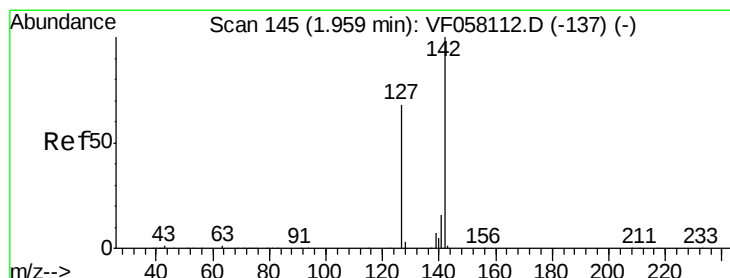
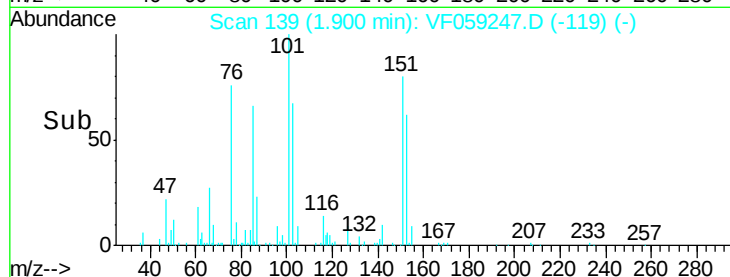
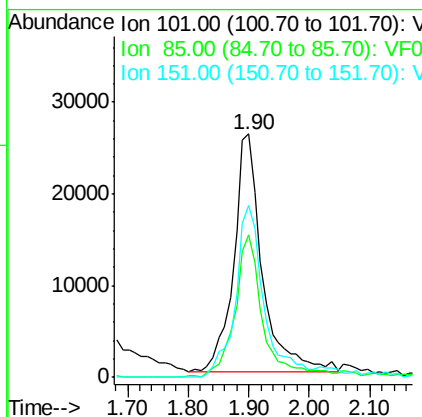
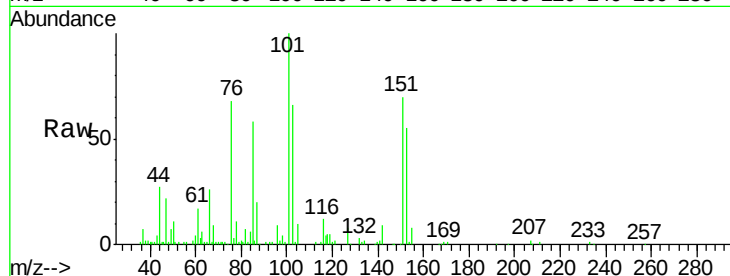
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	84994
Ion Ratio	Lower	Upper	
101	100		
85	58.3	42.2	63.4
151	70.5	56.8	85.2

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#10

Methyl Iodide

Concen: 49.90 ug/l

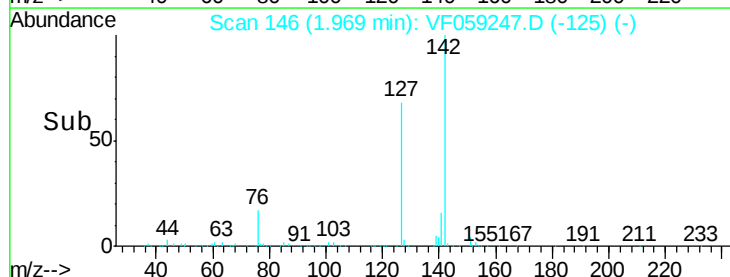
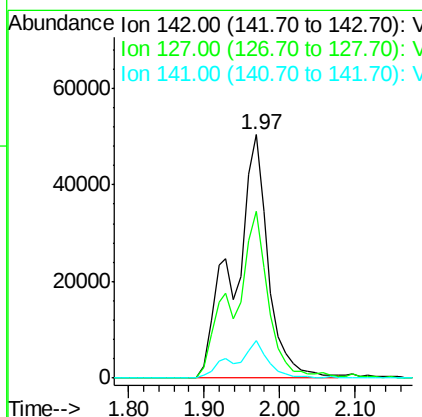
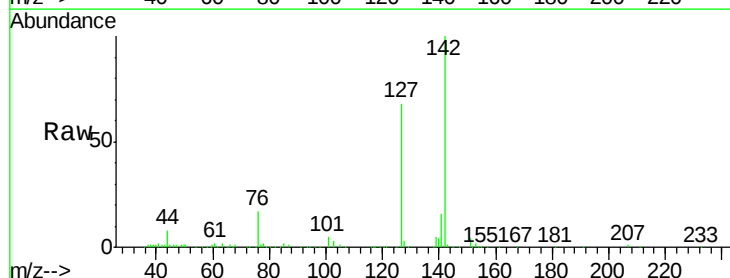
RT: 1.97 min Scan# 146

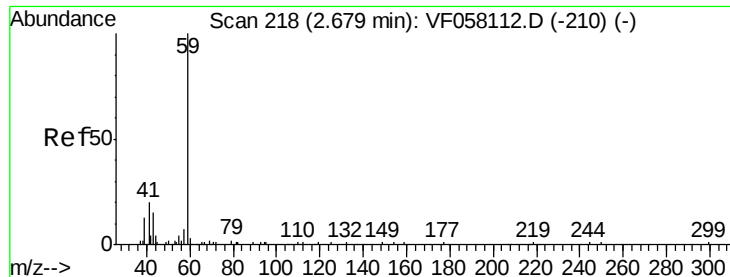
Delta R.T. 0.01 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Tgt Ion:	142	Resp:	157846
Ion Ratio	Lower	Upper	
142	100		
127	68.5	54.1	81.1
141	15.6	13.0	19.4





#11

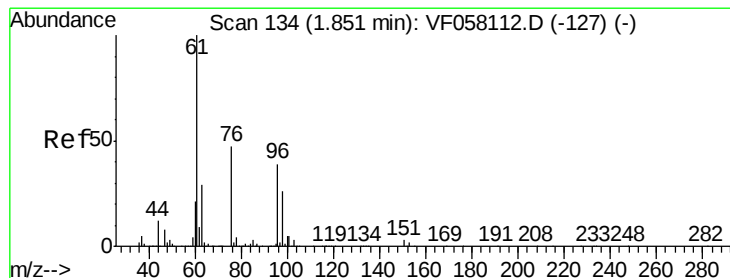
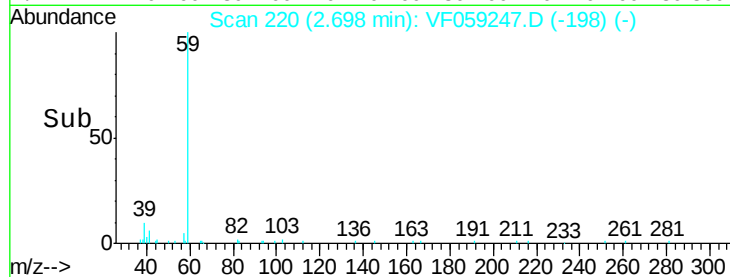
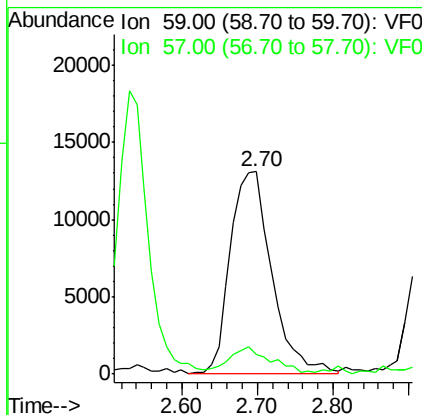
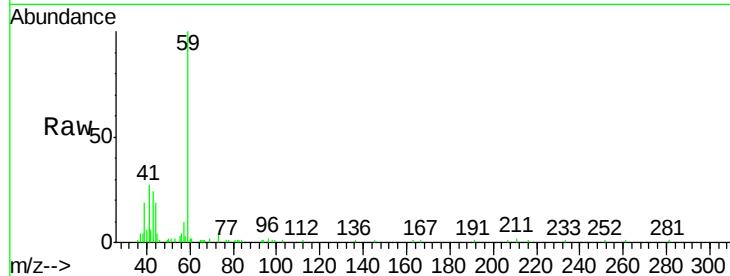
Tert butyl alcohol
Concen: 279.38 ug/l
RT: 2.70 min Scan# 220
Delta R.T. 0.02 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.7	13.1

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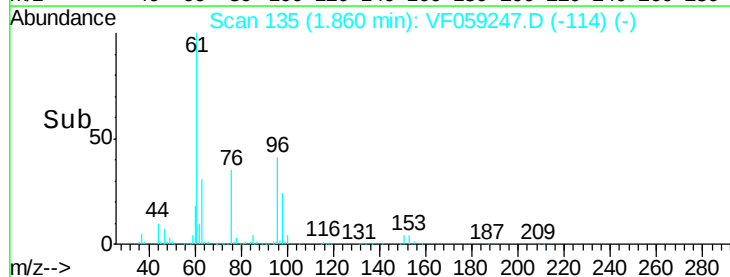
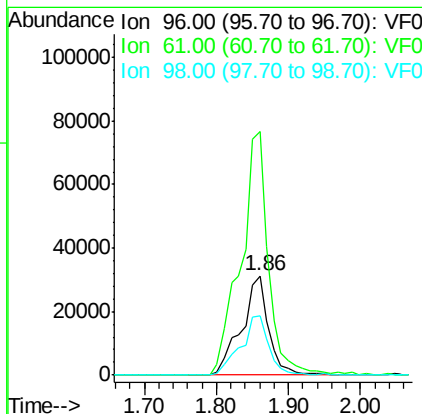
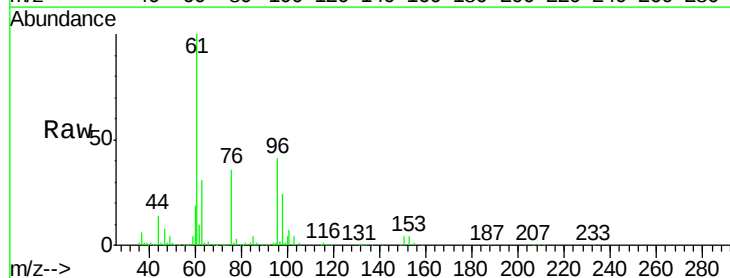
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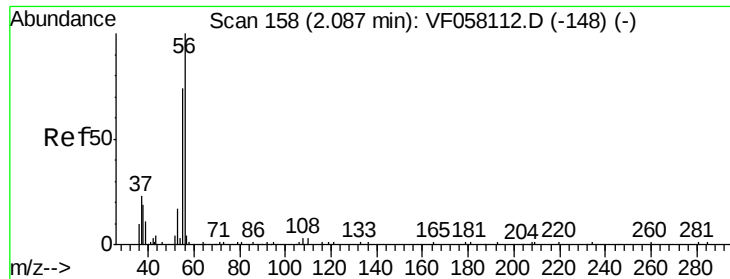


#12

1,1-Dichloroethene
Concen: 54.52 ug/l
RT: 1.86 min Scan# 135
Delta R.T. 0.01 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	244.9	203.0	304.4
98	59.3	52.7	79.1





#13

Acrolein

Concen: 213.89 ug/l

RT: 2.09 min Scan# 158

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 33188

Ion Ratio Lower Upper

56 100

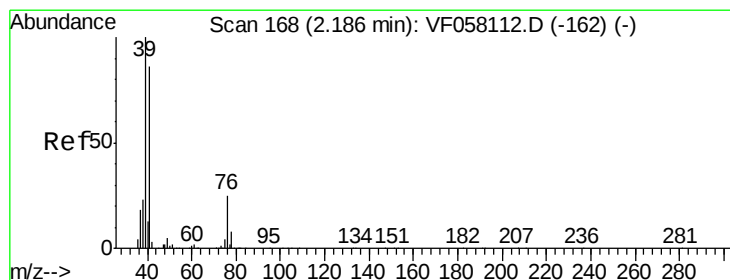
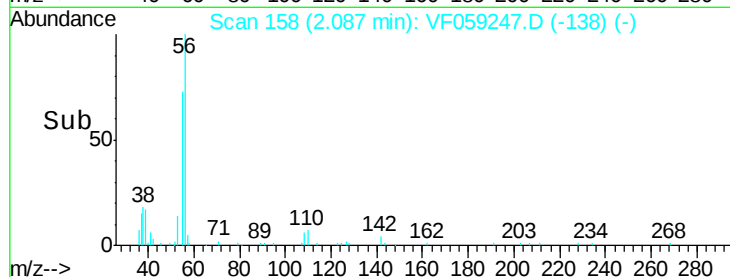
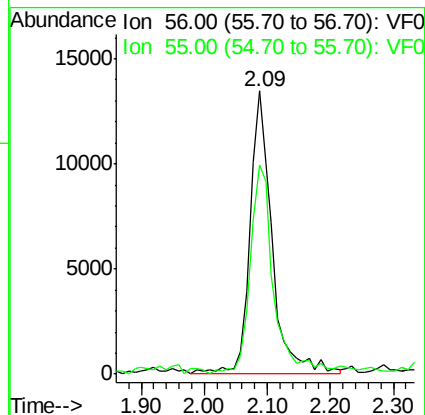
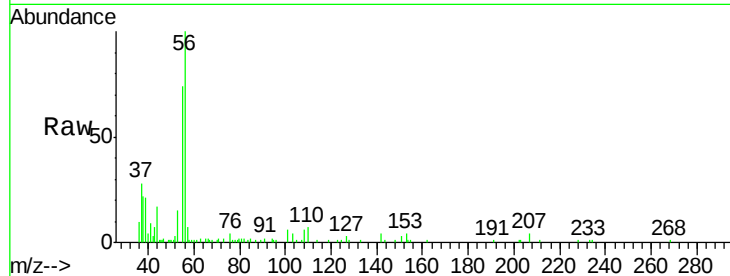
55 73.8 60.0 90.0

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#14

Allyl chloride

Concen: 48.32 ug/l

RT: 2.19 min Scan# 168

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

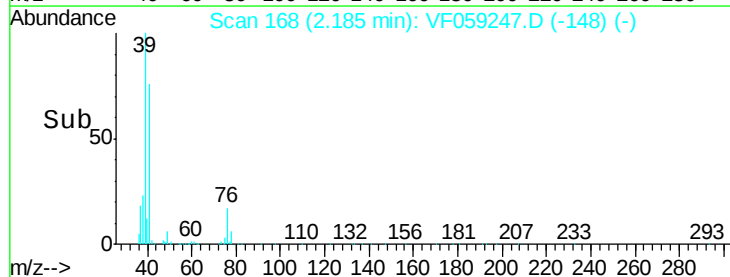
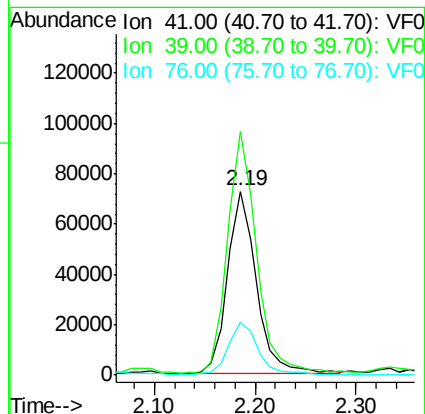
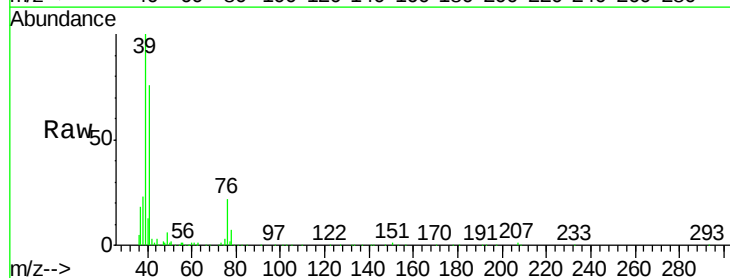
Tgt Ion: 41 Resp: 144164

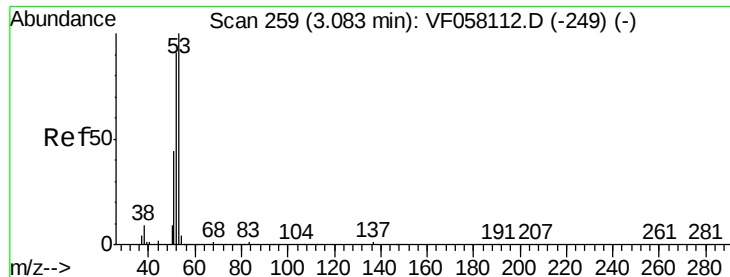
Ion Ratio Lower Upper

41 100

39 132.3 93.5 140.3

76 29.0 23.9 35.9





#15

Acrylonitrile

Concen: 287.18 ug/l

RT: 3.08 min Scan# 259

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

MSVOA_F

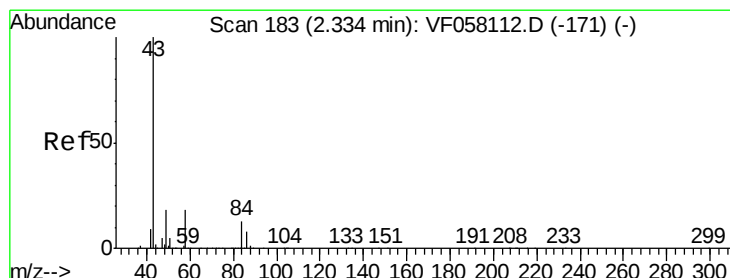
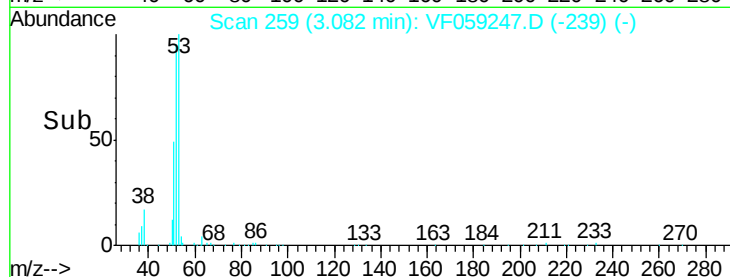
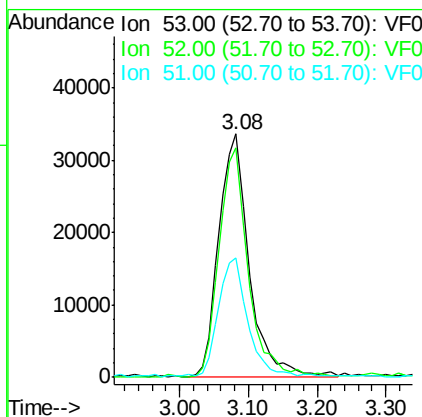
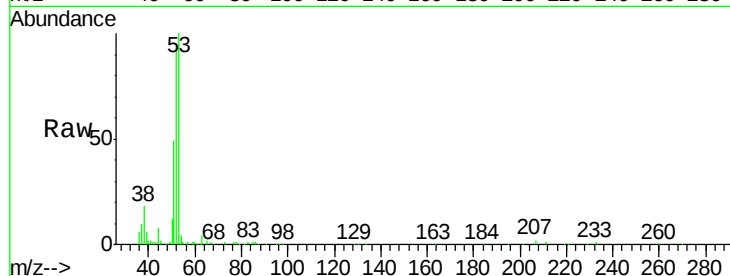
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	102248
Ion	Ratio	Lower	Upper
53	100		
52	94.4	73.2	109.8
51	48.9	35.6	53.4

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#16

Acetone

Concen: 242.08 ug/l

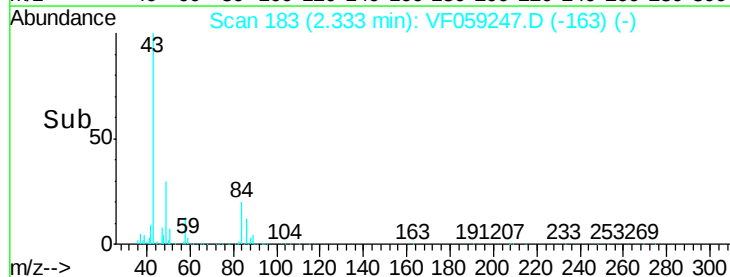
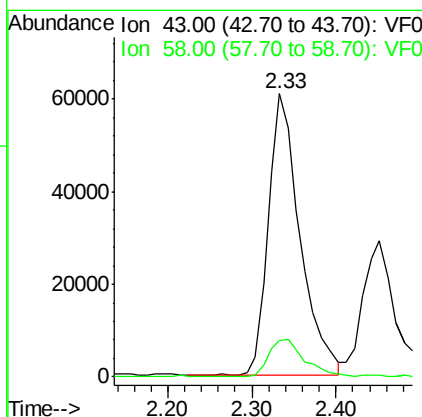
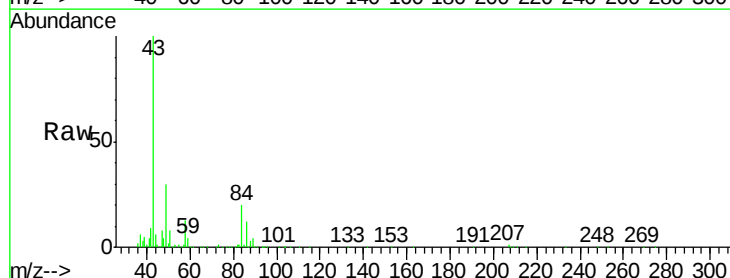
RT: 2.33 min Scan# 183

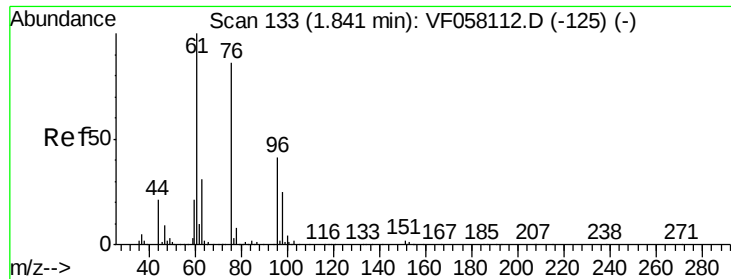
Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Tgt Ion:	43	Resp:	161713
Ion	Ratio	Lower	Upper
43	100		
58	12.7	14.4	21.6#





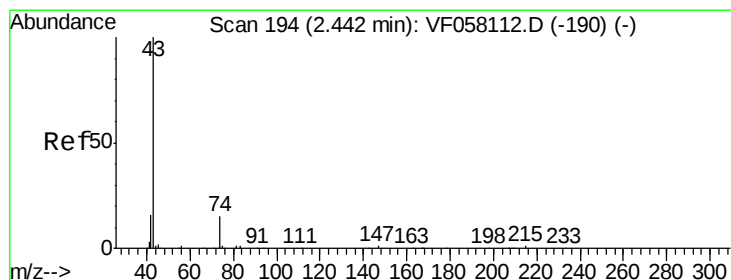
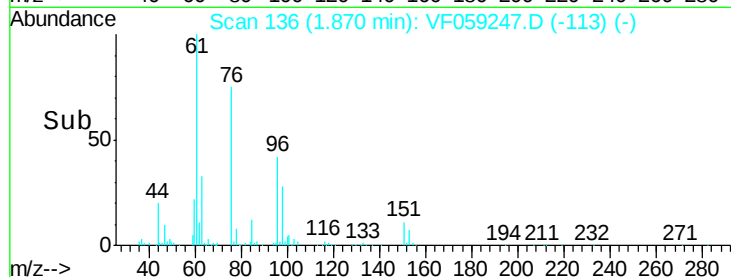
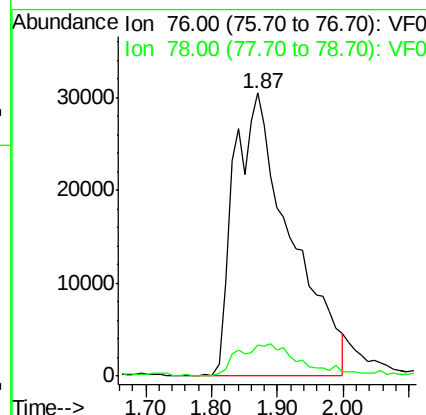
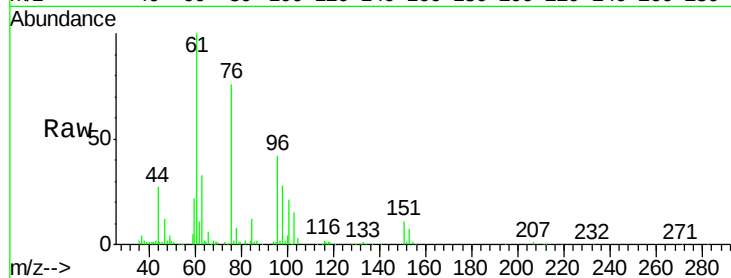
#17
Carbon Disulfide
Concen: 43.14 ug/l
RT: 1.87 min Scan# 136
Delta R.T. 0.03 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.9	7.8	11.8

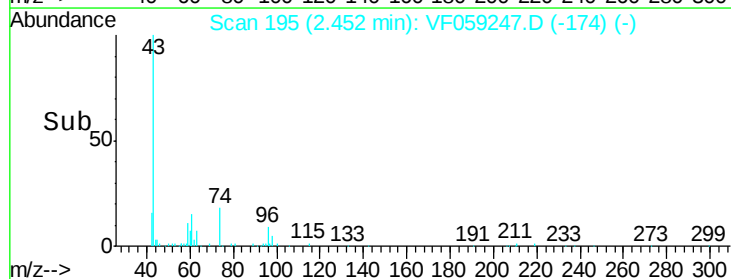
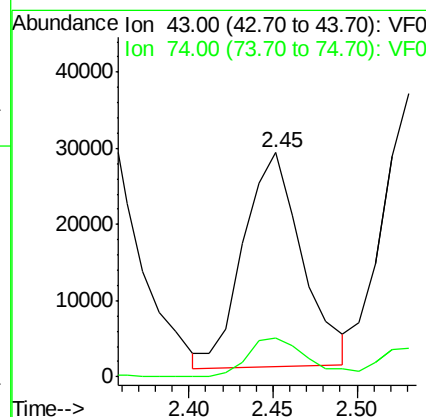
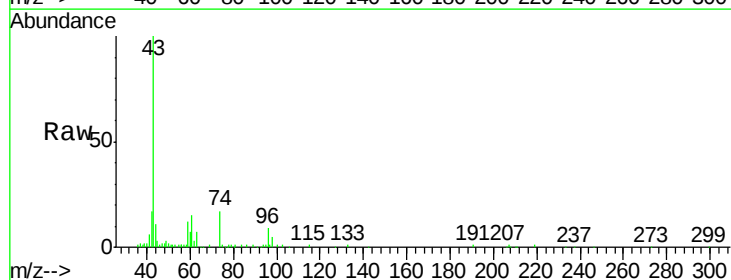
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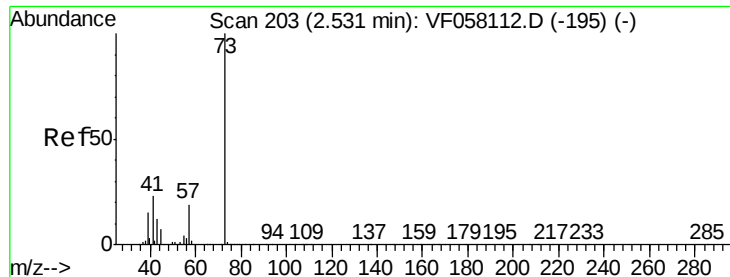
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#18
Methyl Acetate
Concen: 59.57 ug/l
RT: 2.45 min Scan# 195
Delta R.T. 0.01 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	17.4	10.9	16.3#





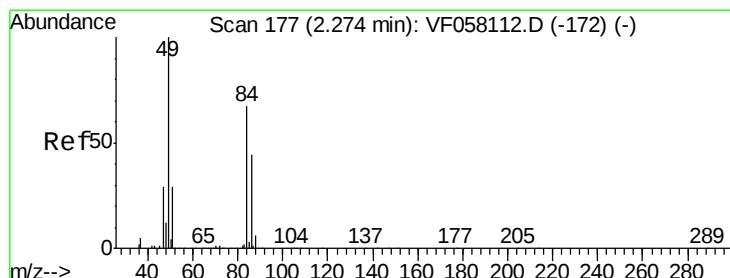
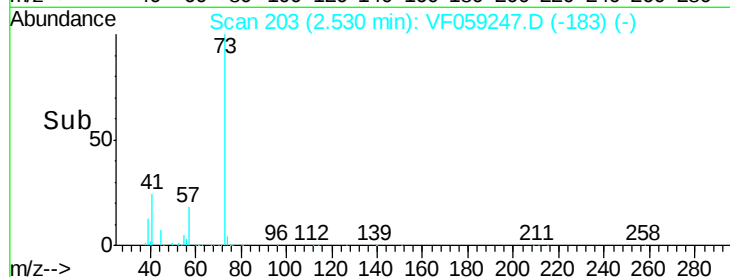
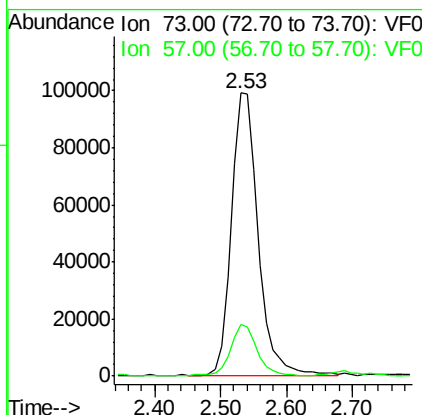
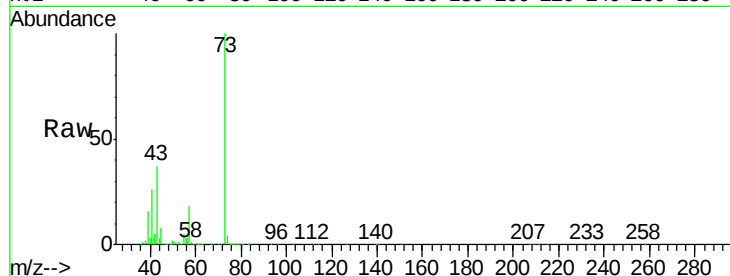
#19
Methvl tert-butvl Ether
Concen: 60.41 ug/l
RT: 2.53 min Scan# 203
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	18.5	15.0	22.4

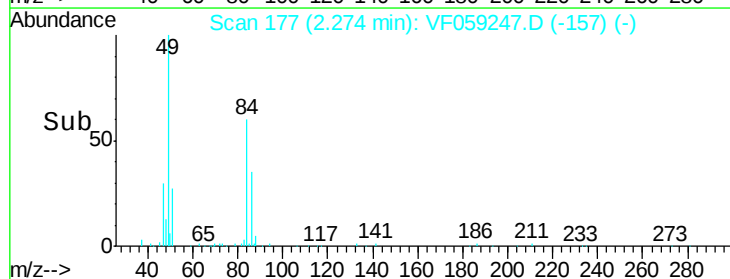
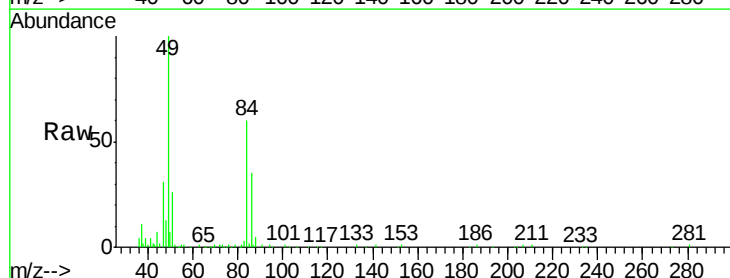
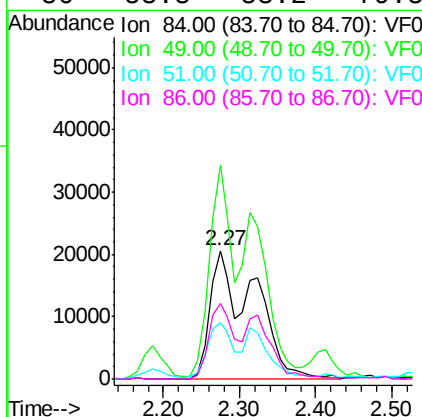
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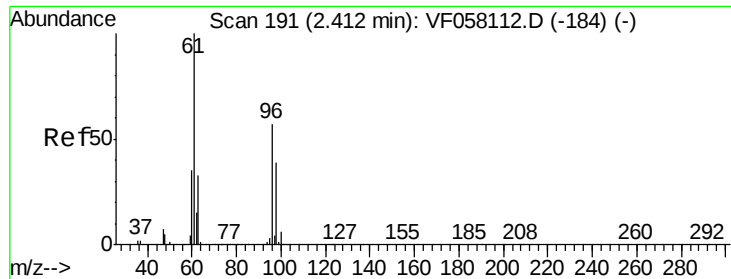
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#20
Methylene Chloride
Concen: 51.84 ug/l m
RT: 2.27 min Scan# 177
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	166.2	121.0	181.4
51	44.0	35.8	53.6
86	58.8	53.2	79.8





#21

trans-1,2-Dichloroethene

Concen: 50.86 ug/l

RT: 2.41 min Scan# 191

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

MSVOA_F

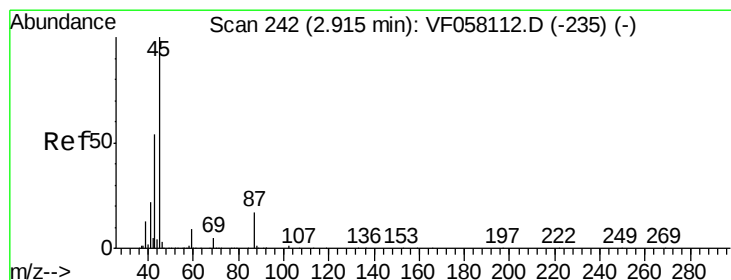
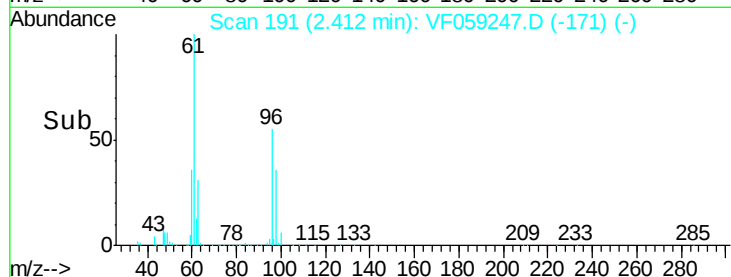
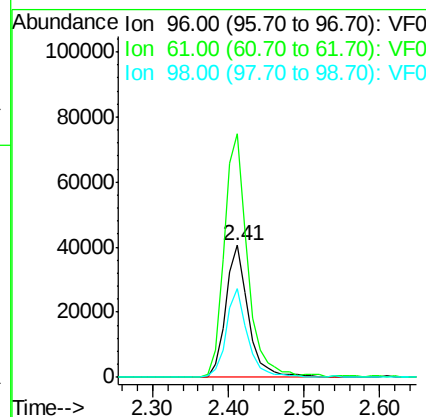
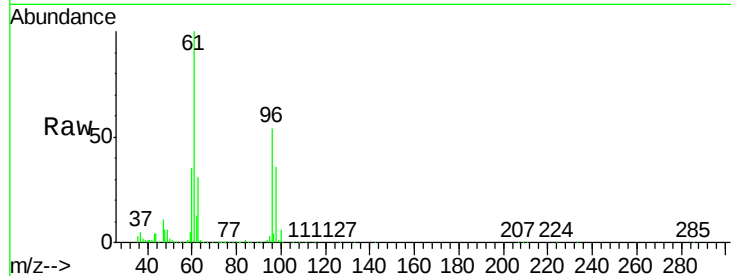
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	84797
Ion	Ratio	Lower	Upper
96	100		
61	184.3	139.4	209.2
98	66.7	54.0	81.0

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#22

Diisopropyl ether

Concen: 54.28 ug/l

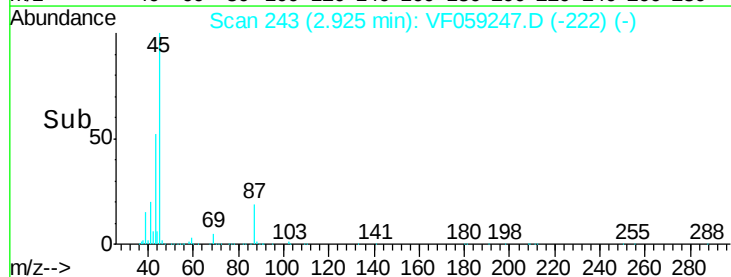
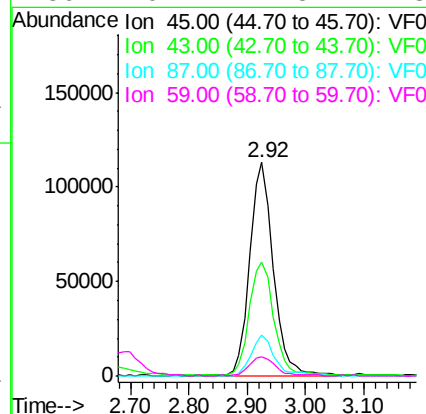
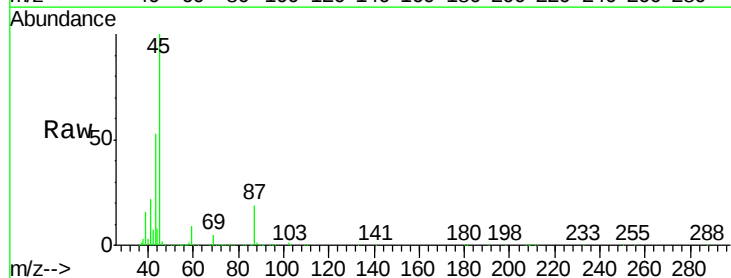
RT: 2.92 min Scan# 243

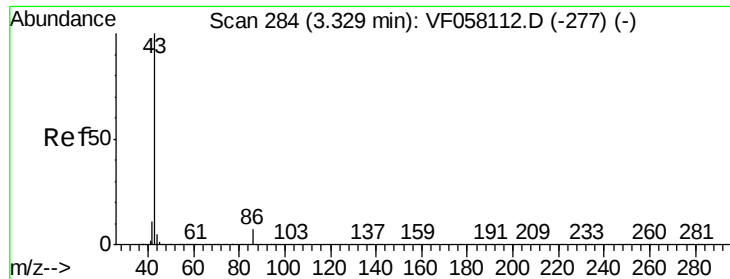
Delta R.T. 0.01 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Tgt Ion:	45	Resp:	318342
Ion	Ratio	Lower	Upper
45	100		
43	53.3	43.2	64.8
87	19.2	13.8	20.6
59	9.1	7.5	11.3





#23

Vinyl Acetate

Concen: 257.99 ug/l

RT: 3.33 min Scan# 284

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 997659

Ion Ratio Lower Upper

43 100

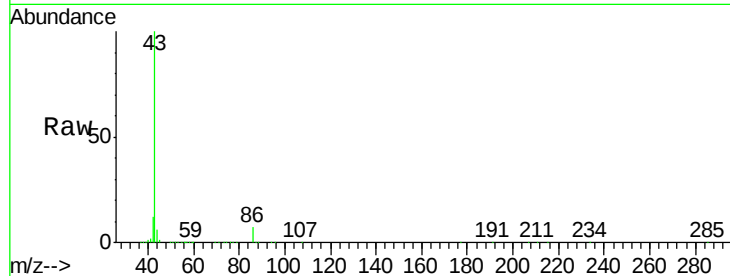
86 7.0 6.0 9.0

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

3.33

400000

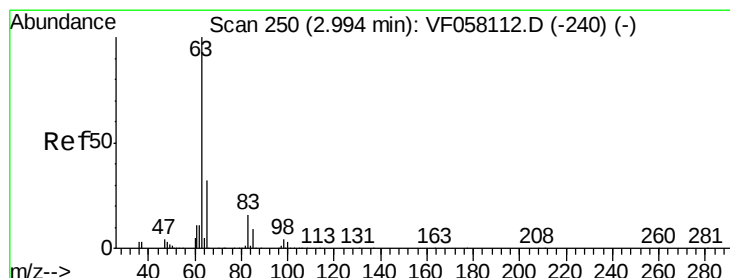
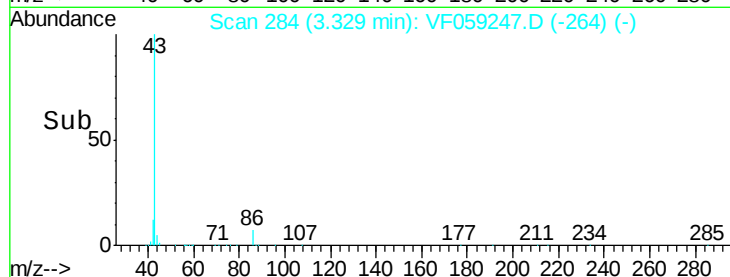
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 55.15 ug/l

RT: 2.99 min Scan# 250

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

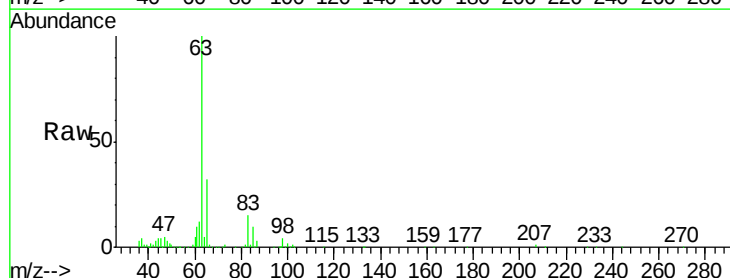
Tgt Ion: 63 Resp: 196104

Ion Ratio Lower Upper

63 100

98 4.2 2.0 6.0

100 2.0 1.4 4.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

2.99

100000

80000

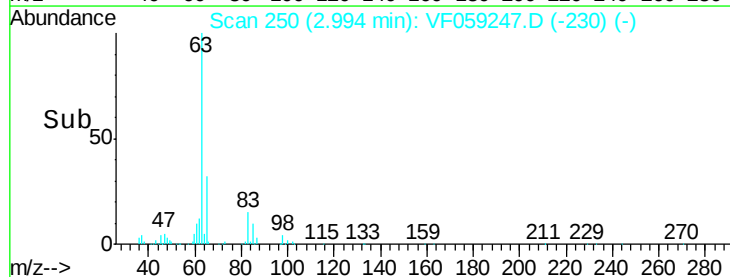
60000

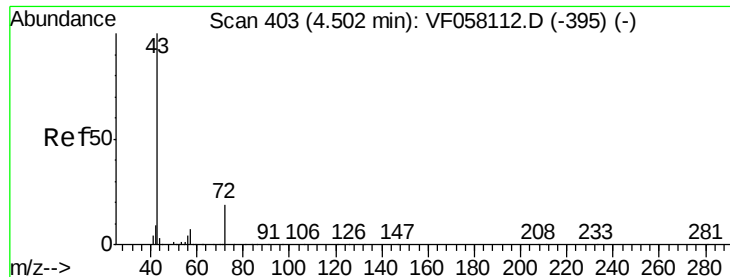
40000

20000

0

Time-->





#25

2-Butanone

Concen: 226.21 ug/l

RT: 4.51 min Scan# 404

Delta R.T. 0.01 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Tot Ion: 43 Resp: 234278

Ion Ratio Lower Upper

43 100

72 20.6 16.1 24.1

Instrument :

MSVOA_F

ClientSampleId :

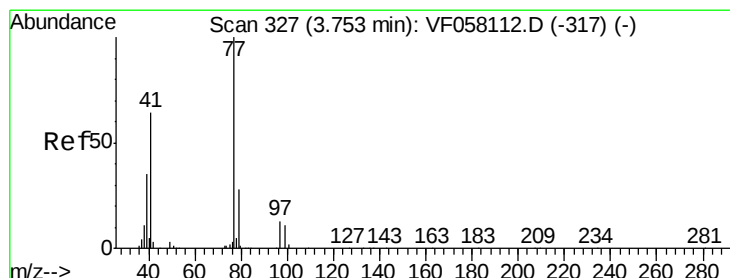
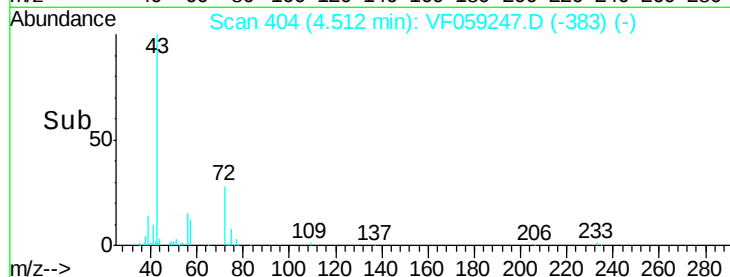
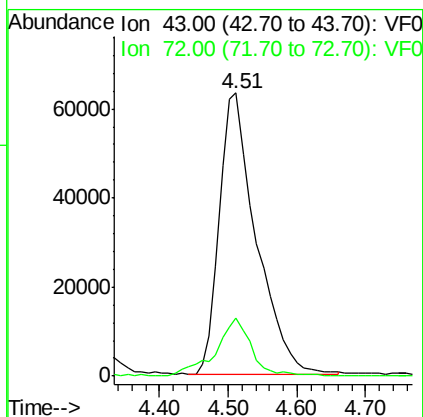
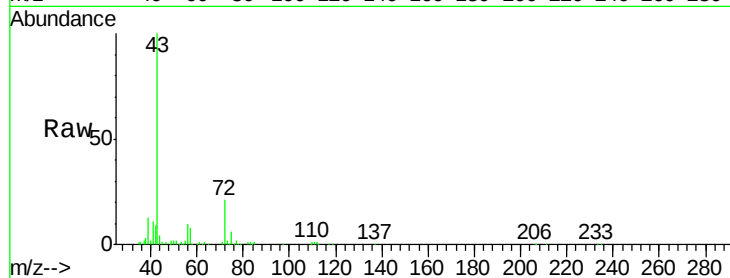
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 48.58 ug/l

RT: 3.76 min Scan# 328

Delta R.T. 0.01 min

Lab File: VF059247.D

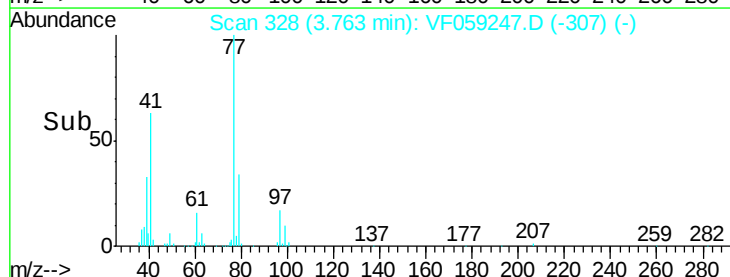
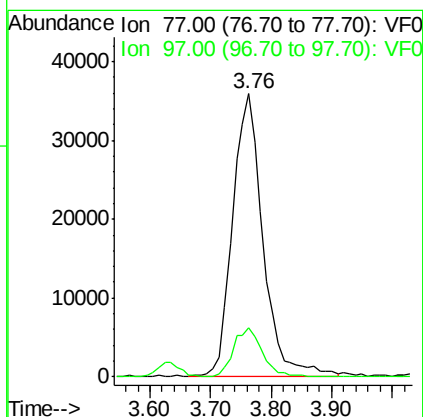
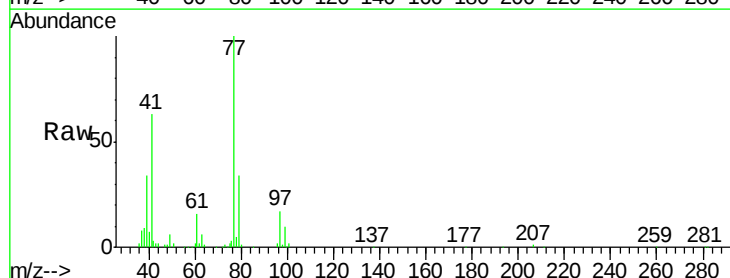
Acq: 21 Jun 2018 2:33

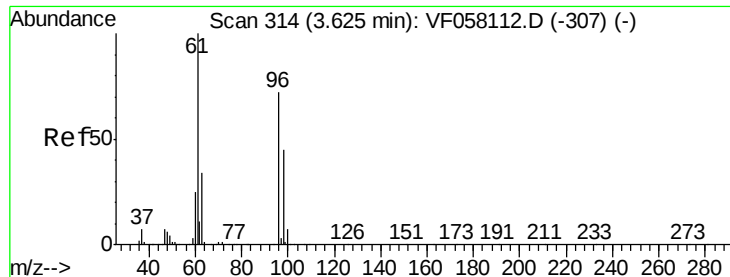
Tgt Ion: 77 Resp: 125308

Ion Ratio Lower Upper

77 100

97 17.2 7.2 21.6





#27

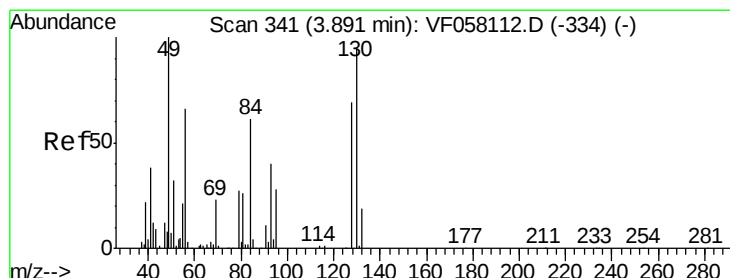
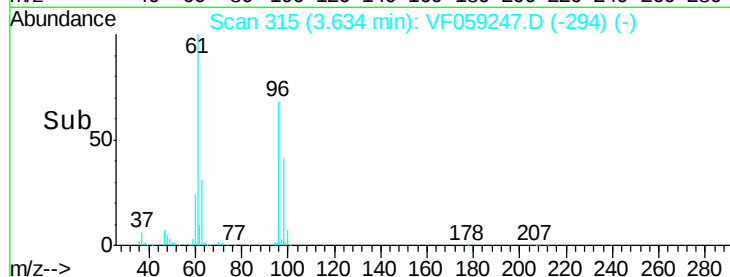
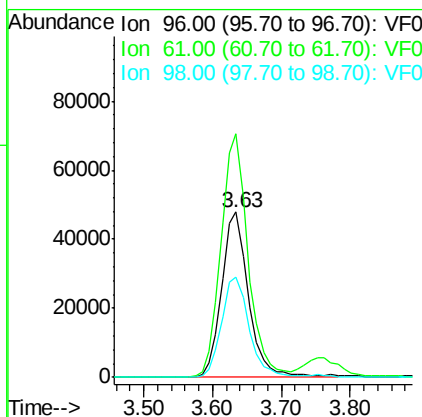
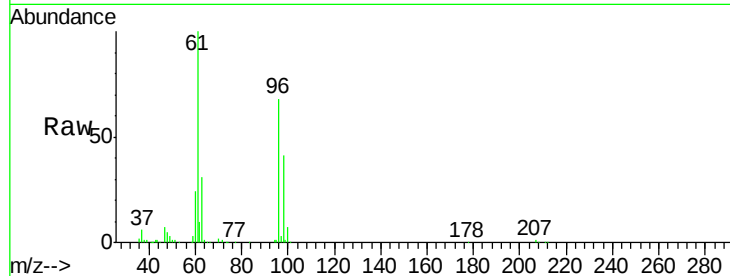
cis-1,2-Dichloroethene
Concen: 50.79 ug/l
RT: 3.63 min Scan# 315
Delta R.T. 0.01 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	130324		
61	147.3	0.0	278.6	
98	60.6	0.0	125.2	

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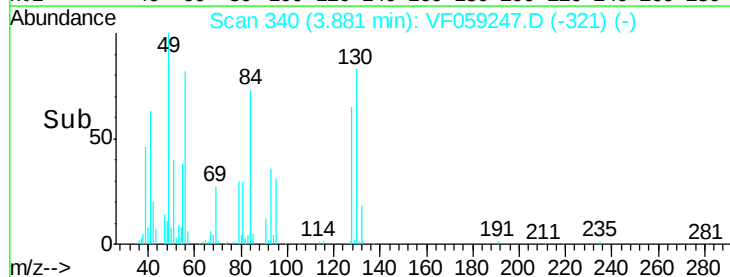
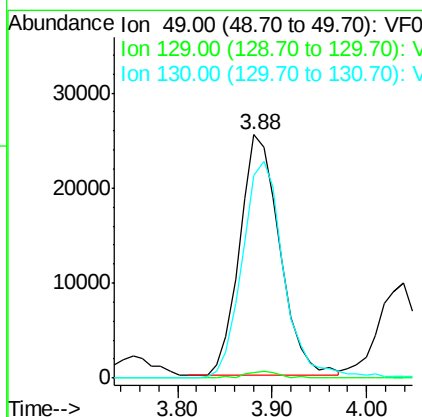
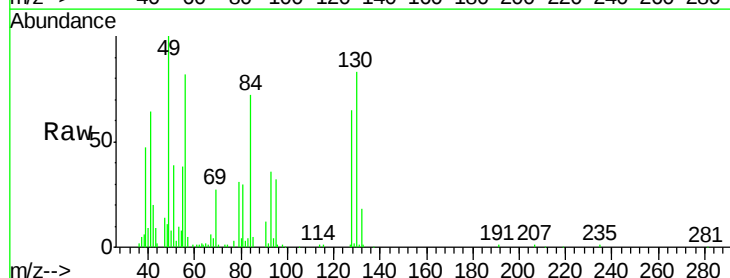
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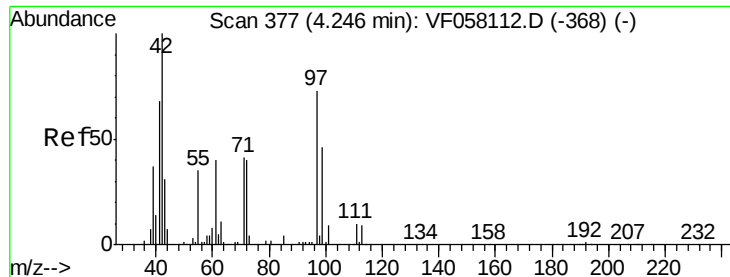


#28

Bromochloromethane
Concen: 46.74 ug/l
RT: 3.88 min Scan# 340
Delta R.T. -0.01 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	74800		
129	2.1	0.0	0.0#	
130	83.0	75.8	113.8	





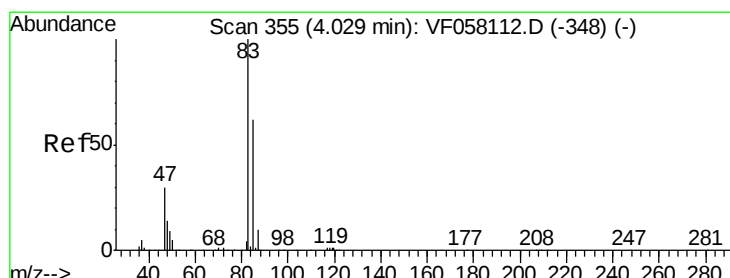
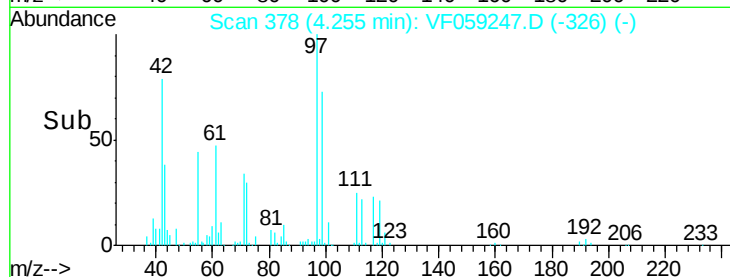
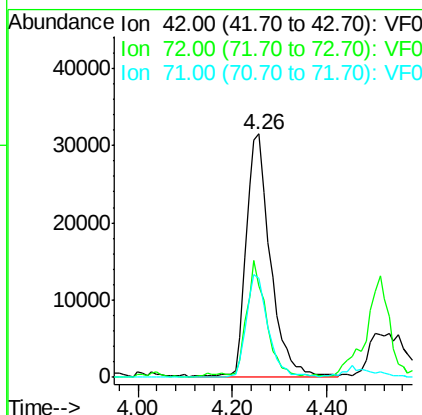
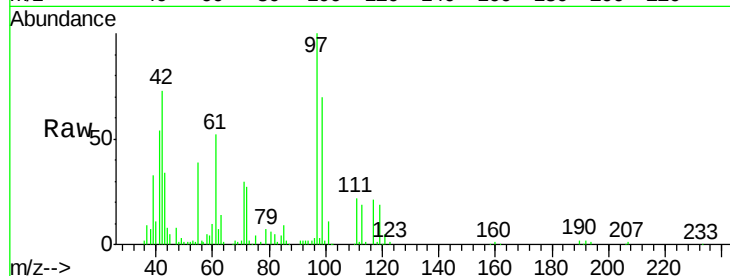
#29
Tetrahydrofuran
Concen: 246.88 ug/l
RT: 4.26 min Scan# 378
Delta R.T. 0.01 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.0	30.5	45.7
71	38.0	31.5	47.3

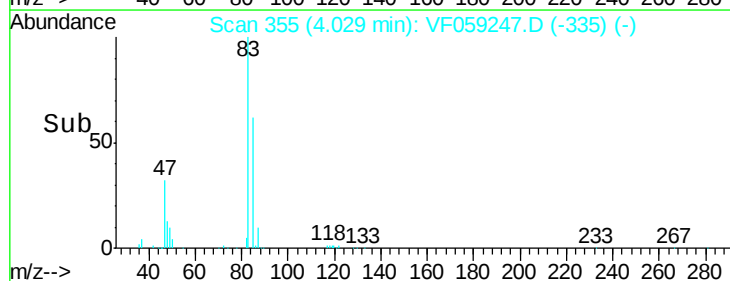
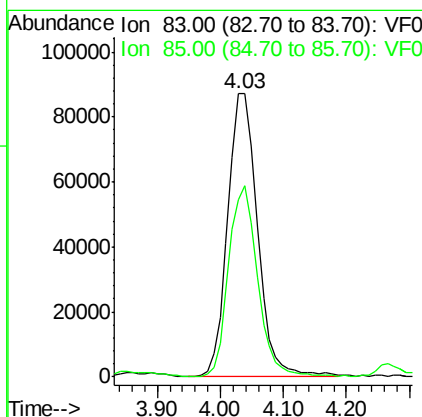
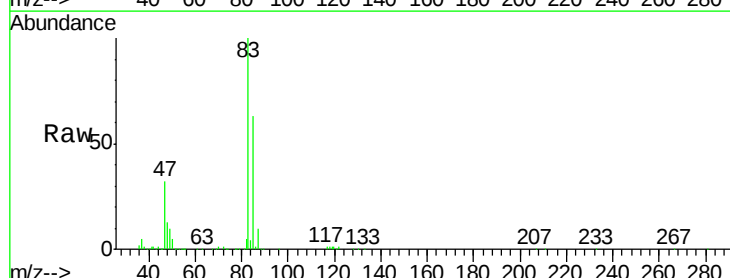
Manual Integrations
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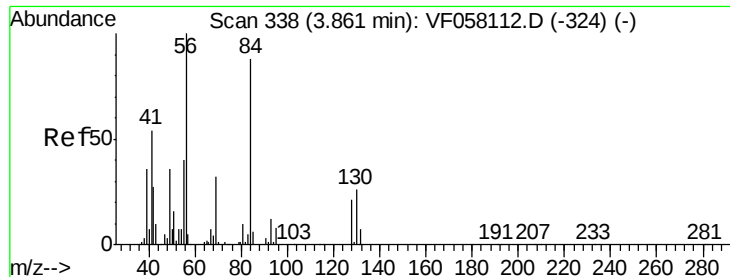
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#30
Chloroform
Concen: 56.14 ug/l
RT: 4.03 min Scan# 355
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	49.5	74.3





#31

Cyclohexane

Concen: 42.22 ug/l

RT: 3.86 min Scan# 338

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

MSVOA_F

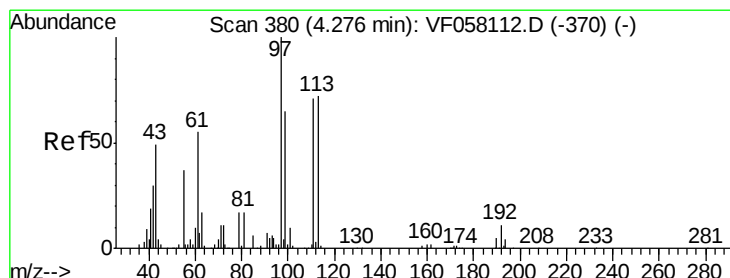
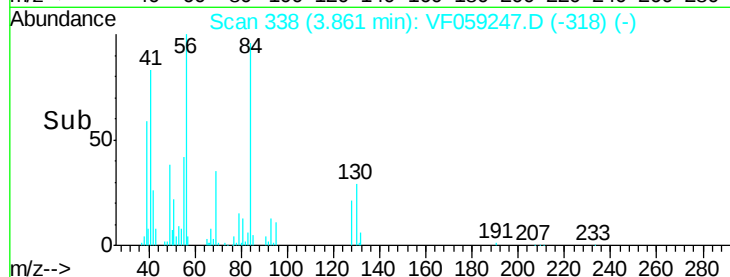
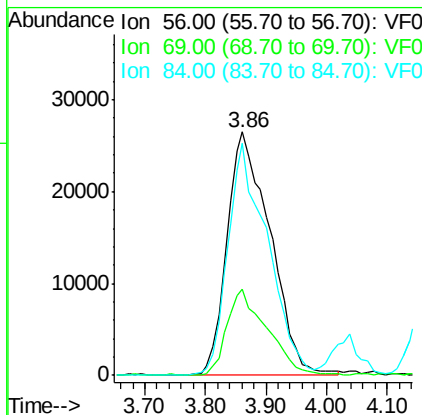
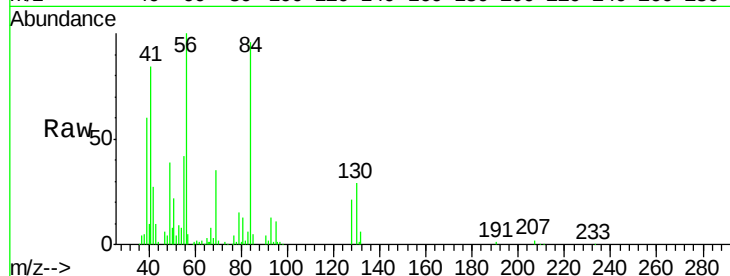
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	131141
Ion	Ratio	Lower	Upper
56	100		
69	35.3	25.9	38.9
84	95.6	70.3	105.5

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#32

1,1,1-Trichloroethane

Concen: 55.55 ug/l

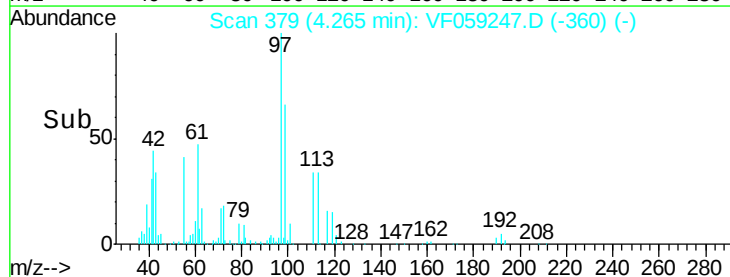
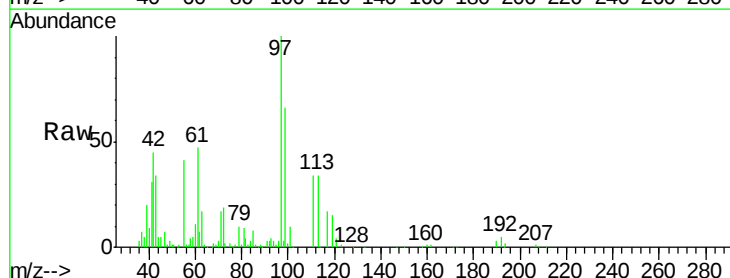
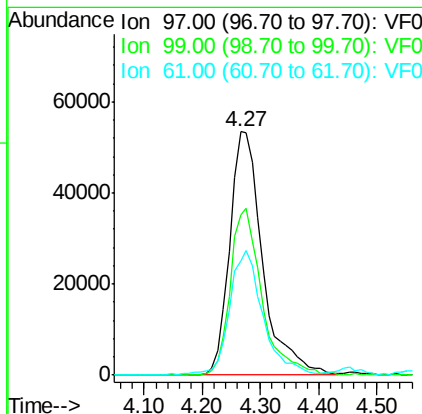
RT: 4.27 min Scan# 379

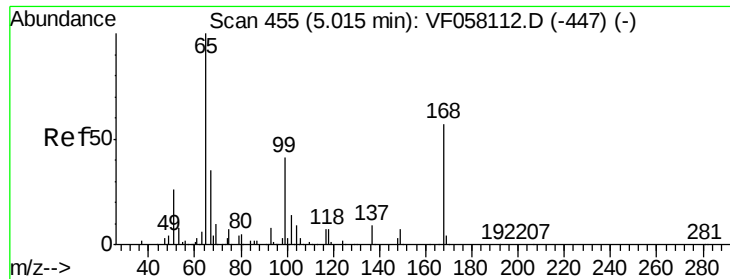
Delta R.T. -0.01 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Tgt Ion:	97	Resp:	210938
Ion	Ratio	Lower	Upper
97	100		
99	65.9	52.0	78.0
61	46.8	44.3	66.5





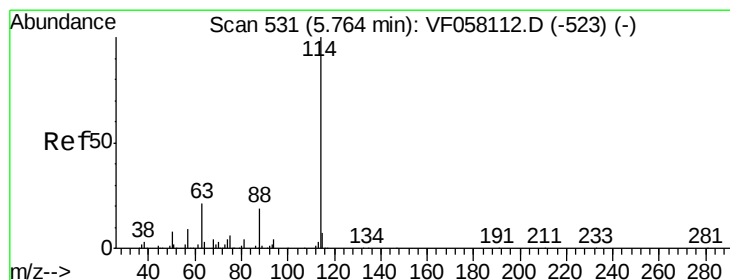
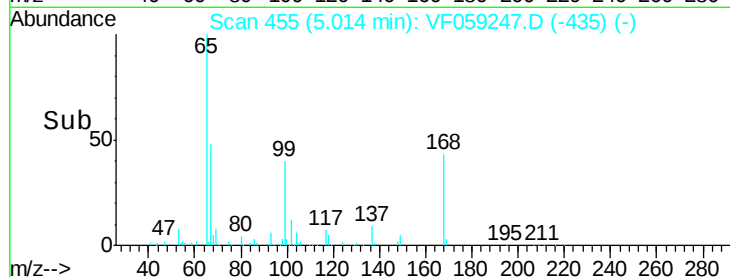
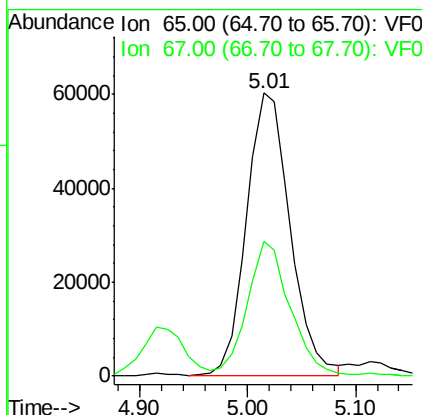
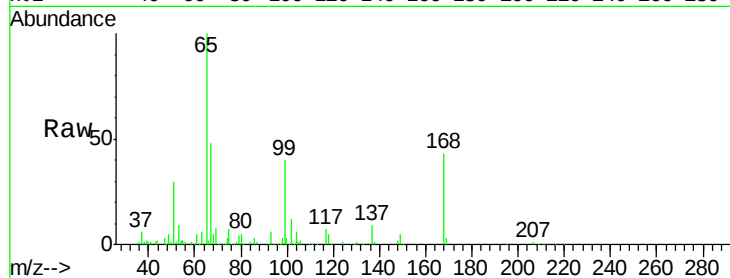
#33
 1,2-Dichloroethane-d4
 Concen: 60.35 ug/l
 RT: 5.01 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: VF059247.D
 Acq: 21 Jun 2018 2:33

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	168849		
67	47.8	0.0	97.0	

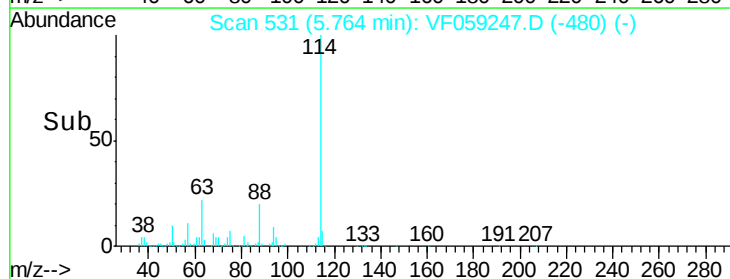
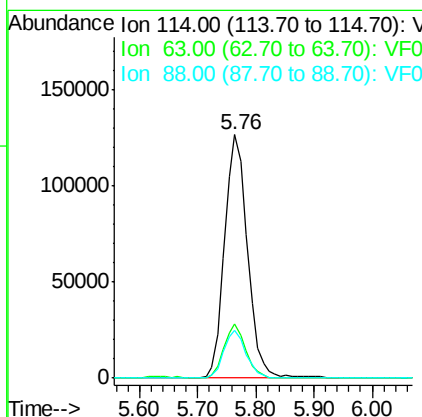
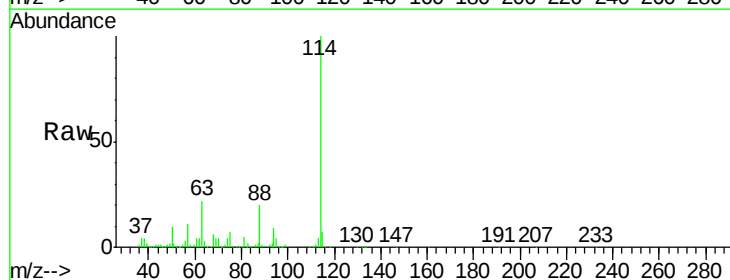
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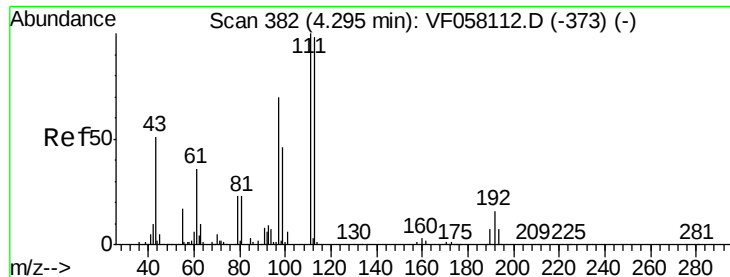
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VF059247.D
 Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	346927		
63	22.5	0.0	41.6	
88	19.5	0.0	38.8	





#35

Dibromofluoromethane

Concen: 58.67 ug/l

RT: 4.29 min Scan# 382

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

MSVOA_F

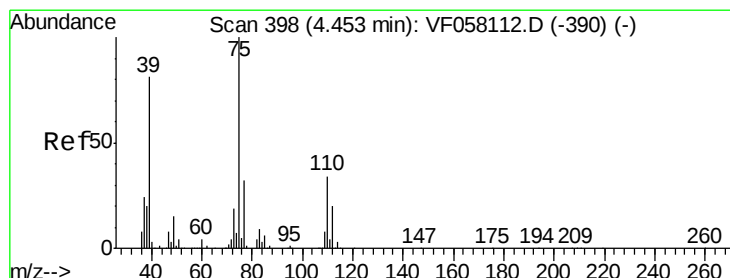
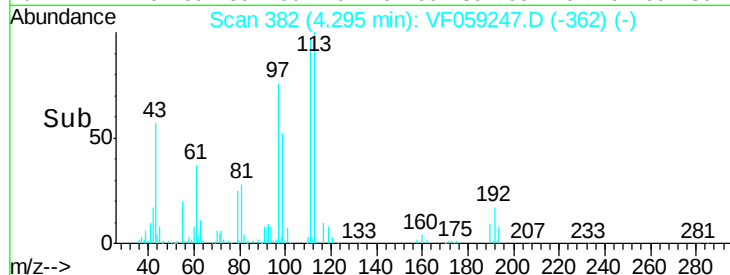
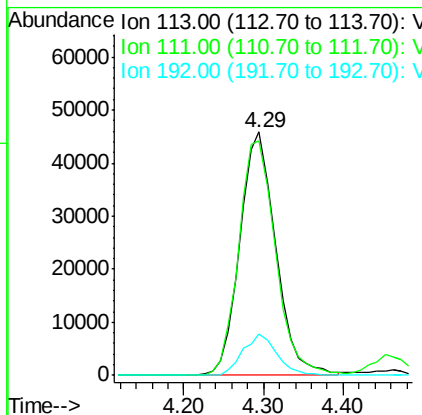
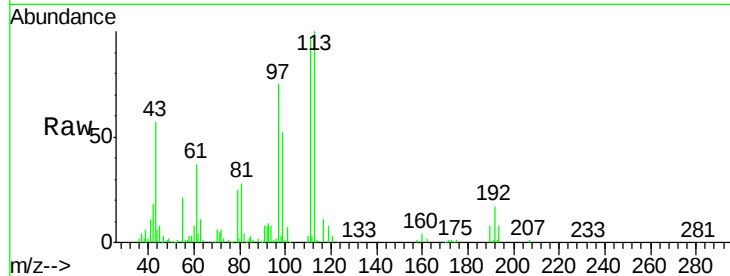
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	142822
Ion Ratio	Lower	Upper	
113	100		
111	96.5	81.3	121.9
192	17.2	12.7	19.1

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#36

1,1-Dichloropropene

Concen: 51.41 ug/l

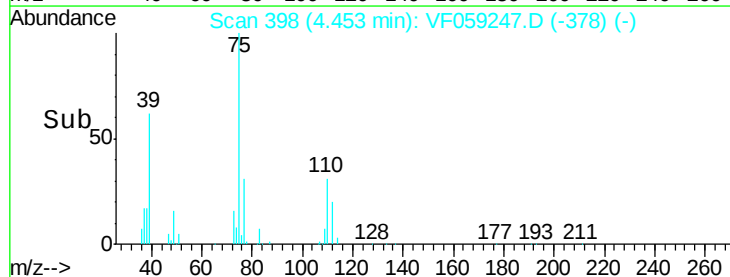
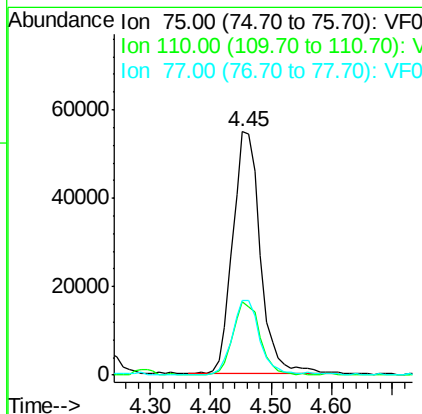
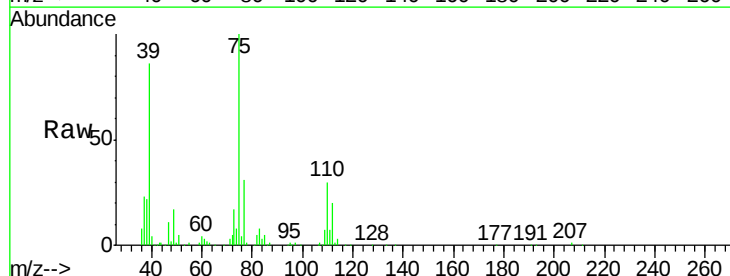
RT: 4.45 min Scan# 398

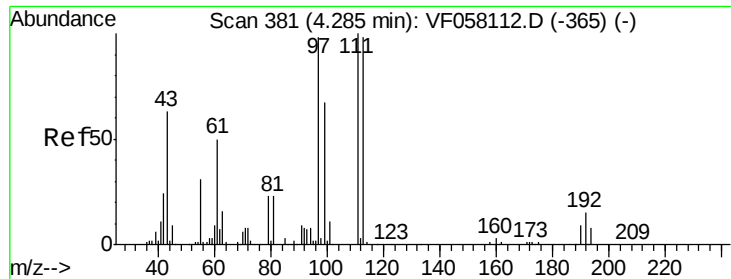
Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Tgt Ion:	75	Resp:	172862
Ion Ratio	Lower	Upper	
75	100		
110	30.3	17.0	50.9
77	30.7	25.3	37.9





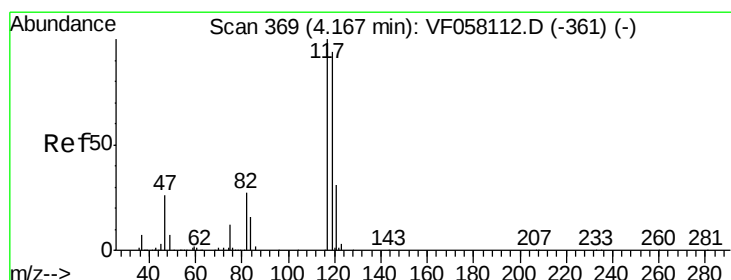
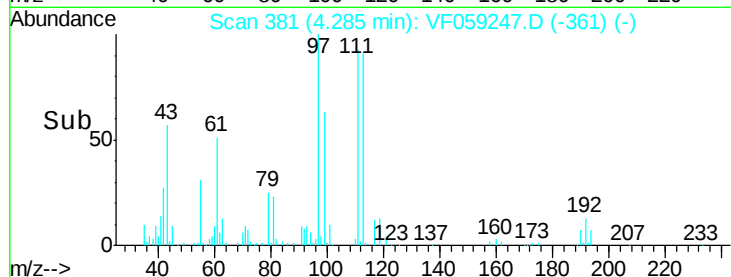
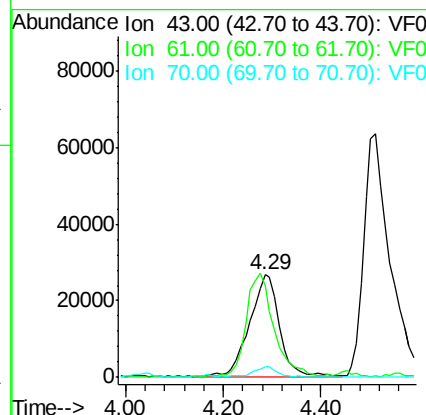
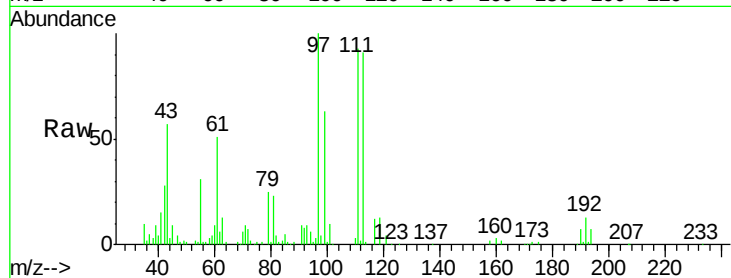
#37
Ethyl Acetate
Concen: 53.95 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	89.4	63.0	94.4
70	10.0	7.5	11.3

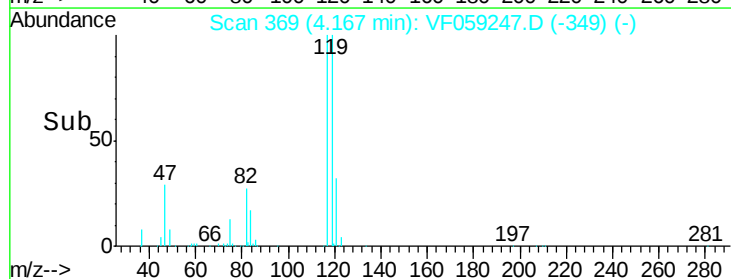
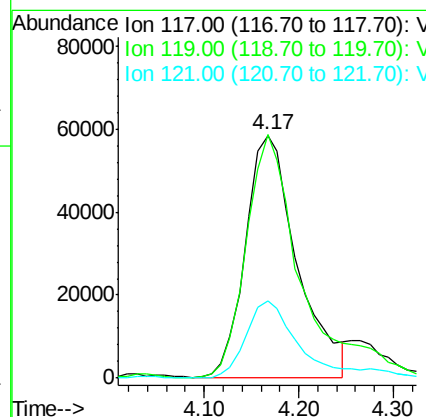
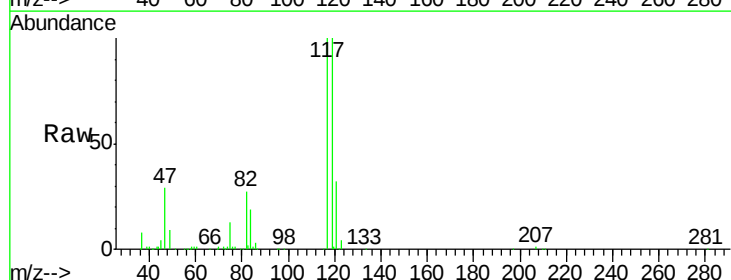
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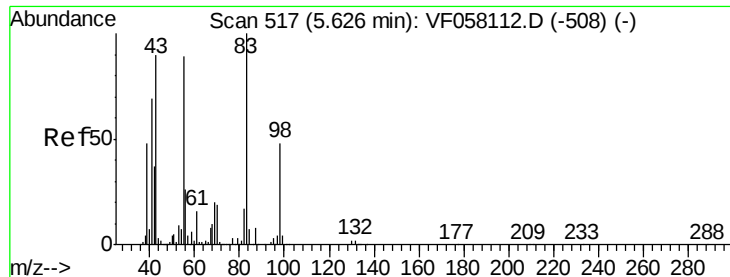
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#38
Carbon Tetrachloride
Concen: 60.68 ug/l
RT: 4.17 min Scan# 369
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.4	75.7	113.5
121	31.9	24.8	37.2





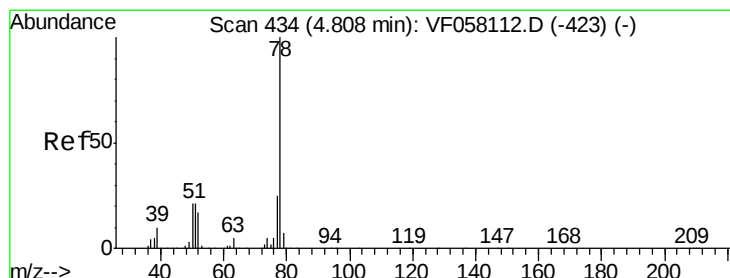
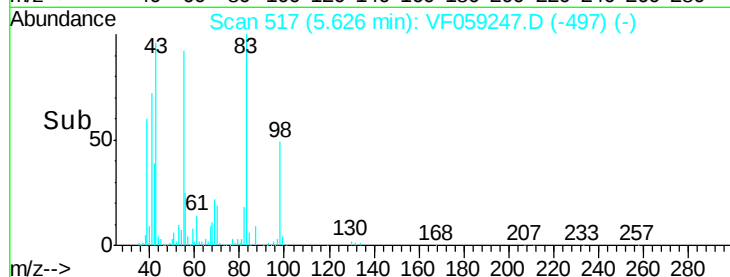
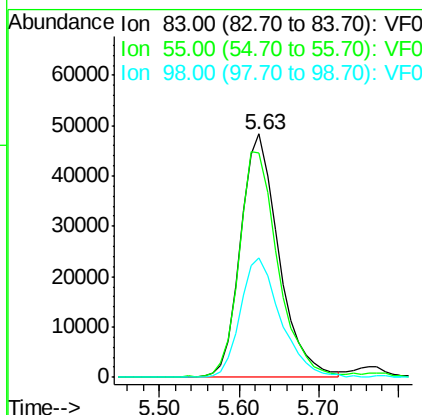
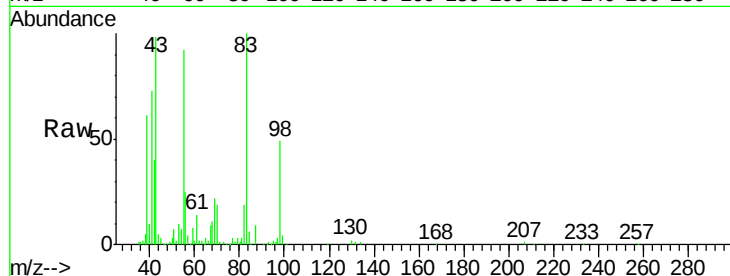
#39
Methvlcvclohexane
Concen: 46.81 ug/l
RT: 5.63 min Scan# 517
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	92.2	71.0	106.4
98	49.2	38.1	57.1

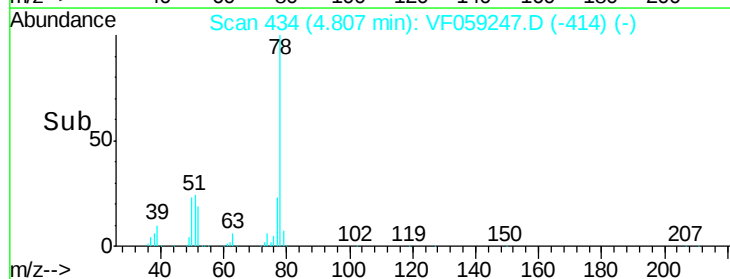
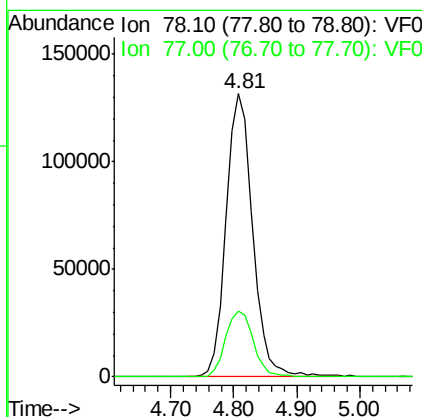
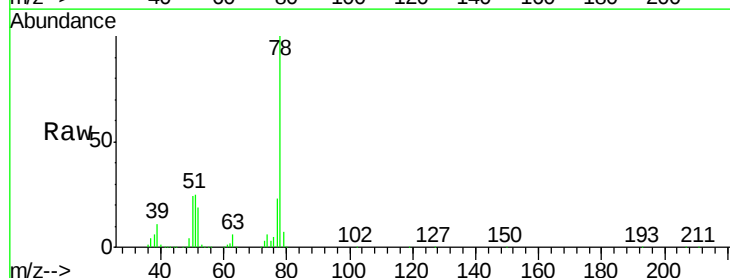
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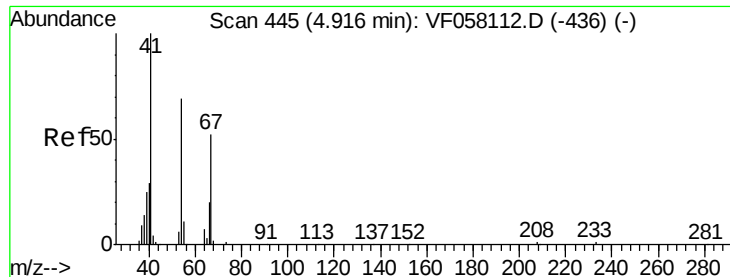
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#40
Benzene
Concen: 49.19 ug/l
RT: 4.81 min Scan# 434
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	20.2	30.2





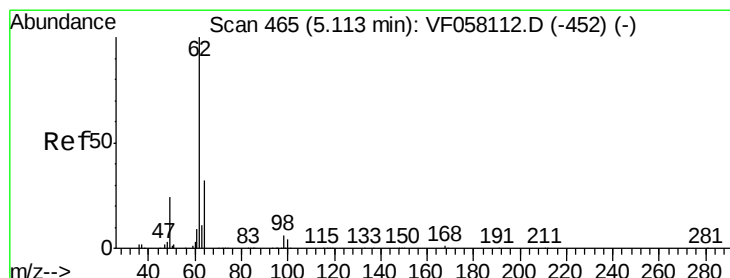
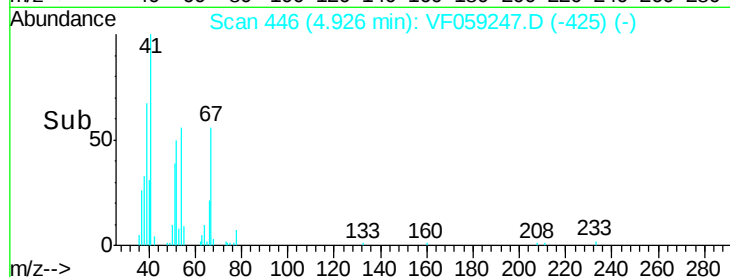
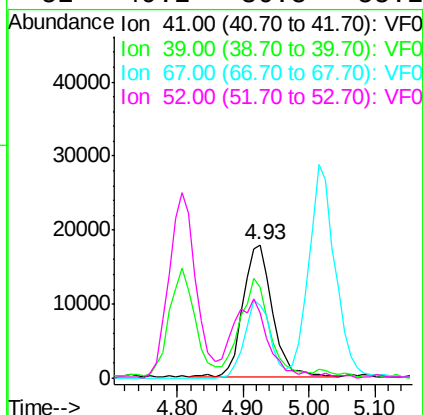
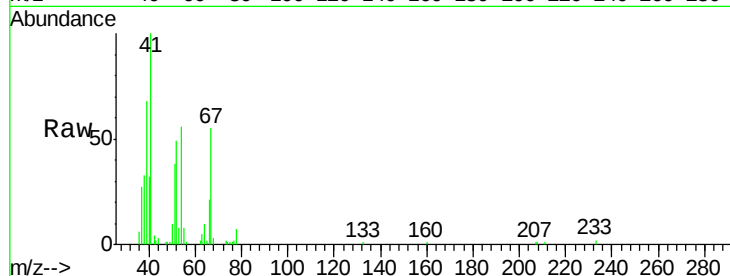
#41
Methacrylonitrile
Concen: 55.72 ug/l
RT: 4.93 min Scan# 446
Delta R.T. 0.01 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	67.5	53.0	79.4	
67	55.0	41.0	61.6	
52	49.2	36.8	55.2	

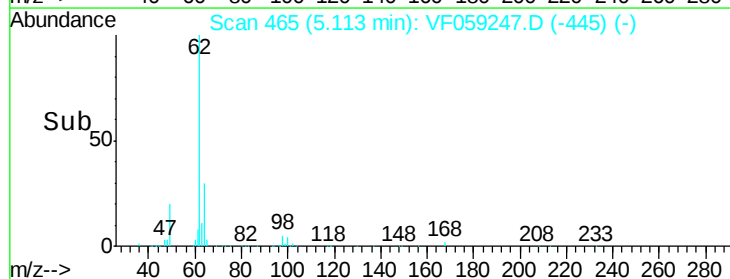
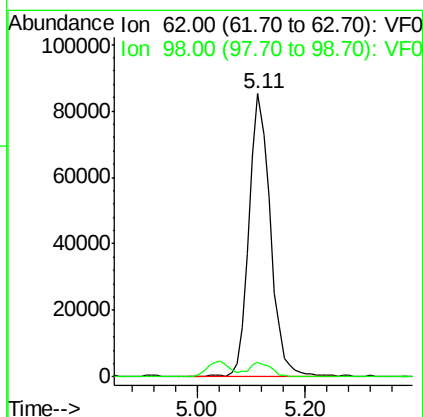
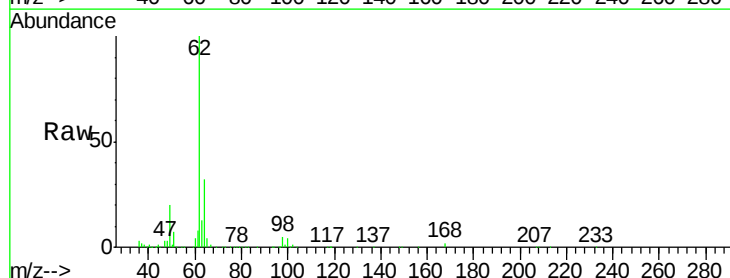
Manual Integrations
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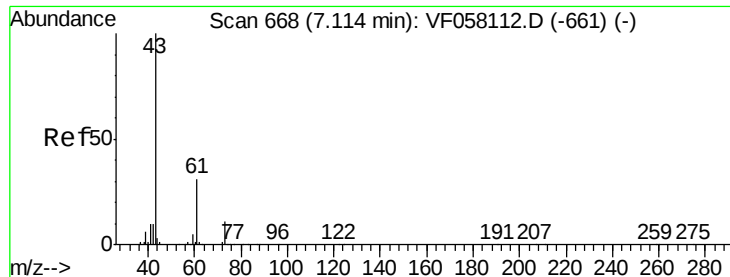
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#42
1,2-Dichloroethane
Concen: 66.95 ug/l
RT: 5.11 min Scan# 465
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	4.9	0.0	11.8	





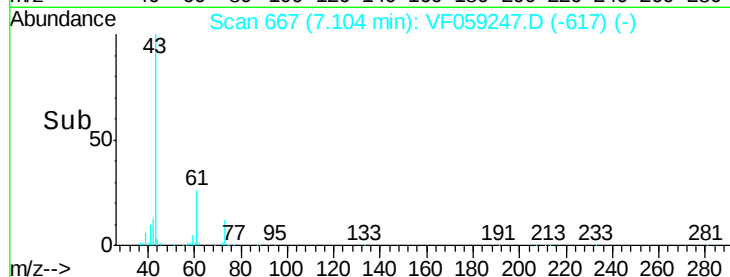
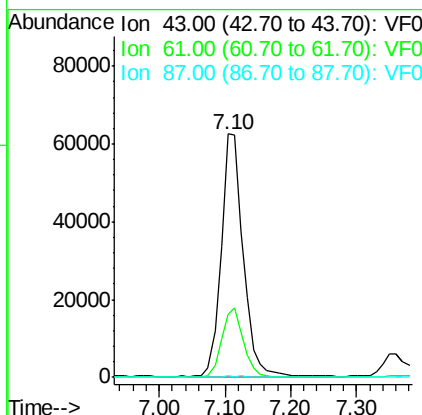
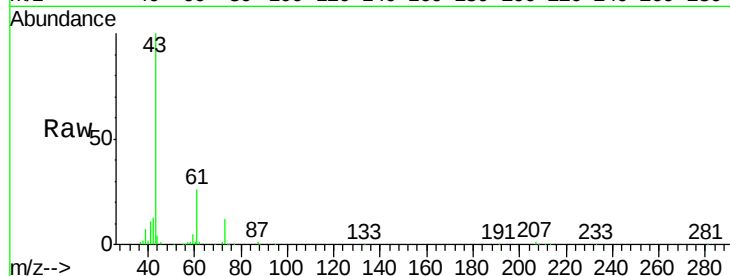
#43
Isopropyl Acetate
Concen: 52.37 ug/l
RT: 7.10 min Scan# 667
Delta R.T. -0.01 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.9	25.1	37.7
87	0.6	0.2	0.4

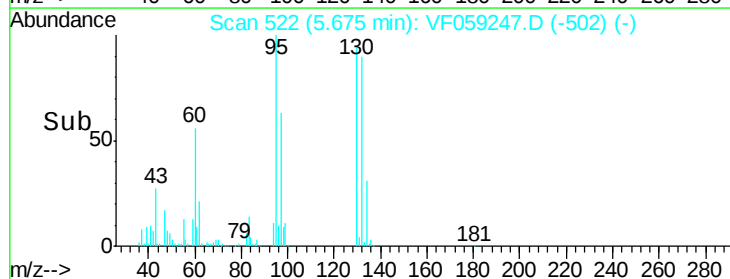
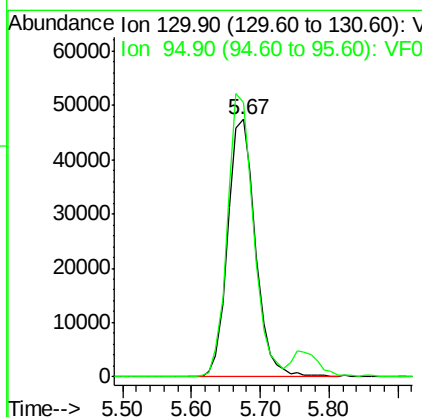
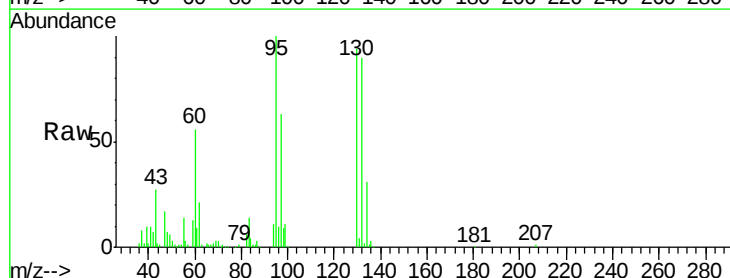
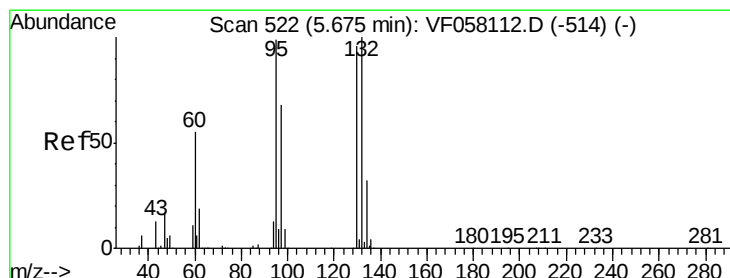
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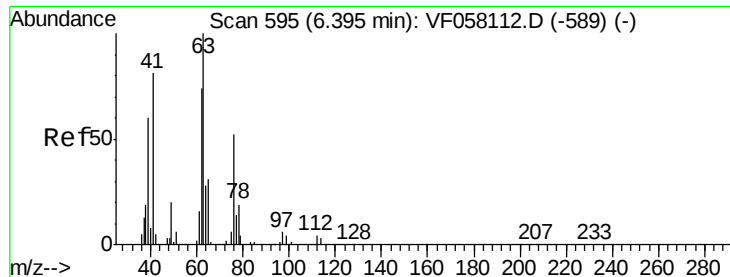
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#44
Trichloroethene
Concen: 54.14 ug/l
RT: 5.67 min Scan# 522
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.4	0.0	206.8





#45

1,2-Dichloropropane

Concen: 50.21 ug/l

RT: 6.39 min Scan# 595

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Tot Ion: 63 Resp: 113001

Ion Ratio Lower Upper

63 100

65 27.3 24.6 37.0

Instrument :

MSVOA_F

ClientSampleId :

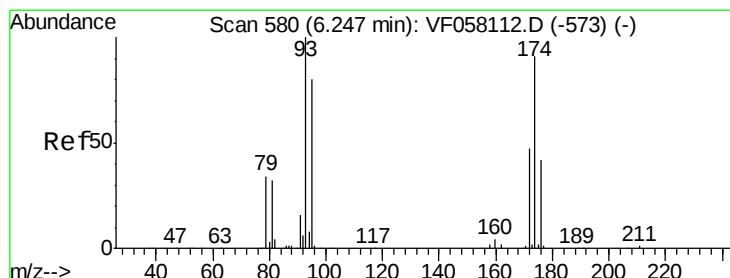
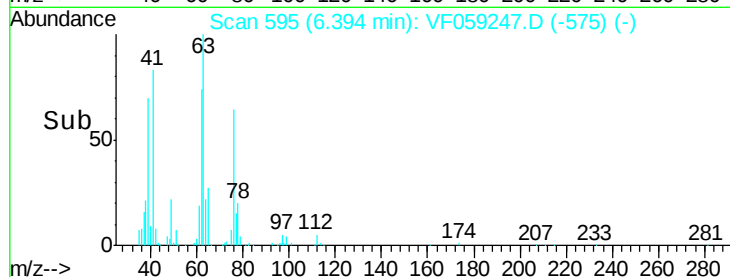
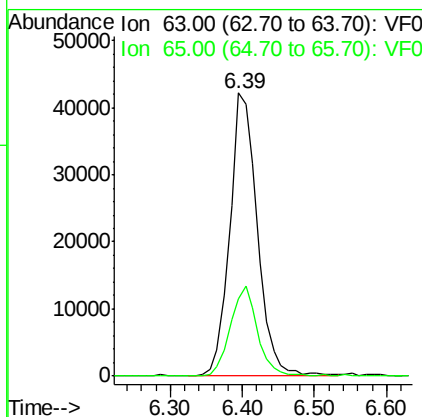
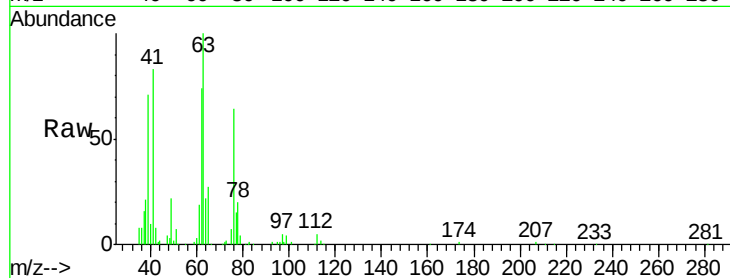
VSTDCCC050

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#46

Dibromomethane

Concen: 57.83 ug/l

RT: 6.25 min Scan# 580

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

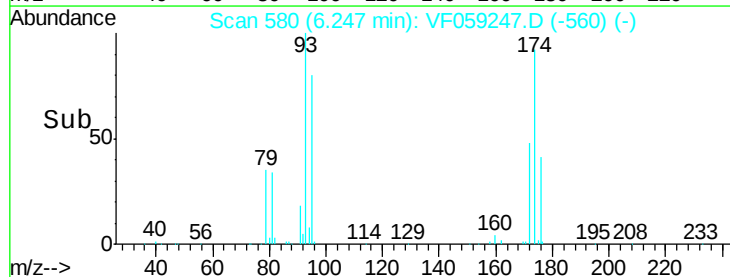
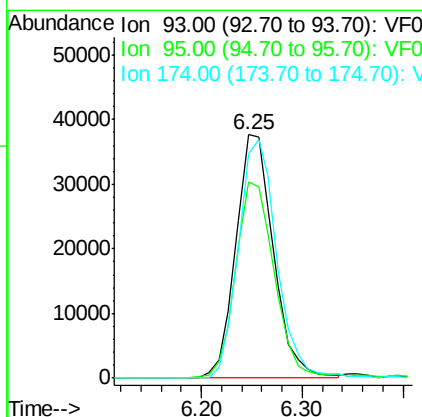
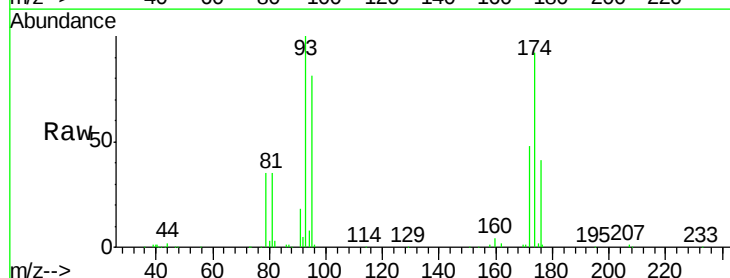
Tgt Ion: 93 Resp: 97923

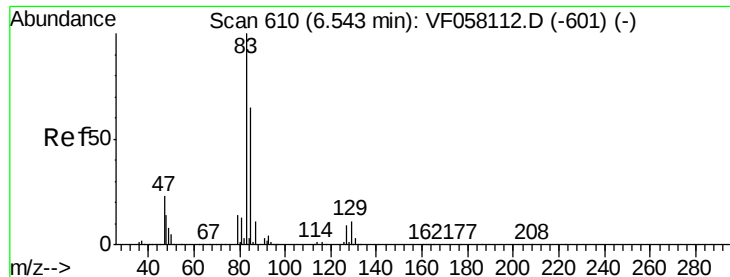
Ion Ratio Lower Upper

93 100

95 80.8 64.2 96.4

174 92.1 72.7 109.1





#47

Bromodichloromethane

Concen: 62.35 ug/l

RT: 6.54 min Scan# 610

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

MSVOA_F

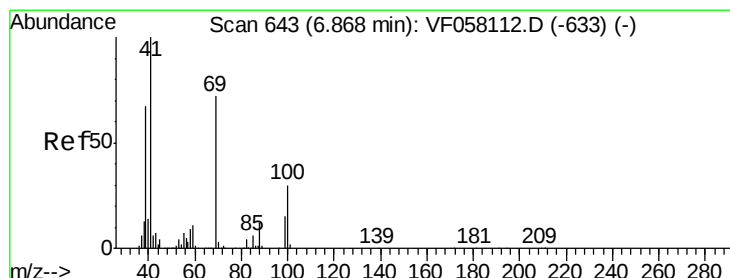
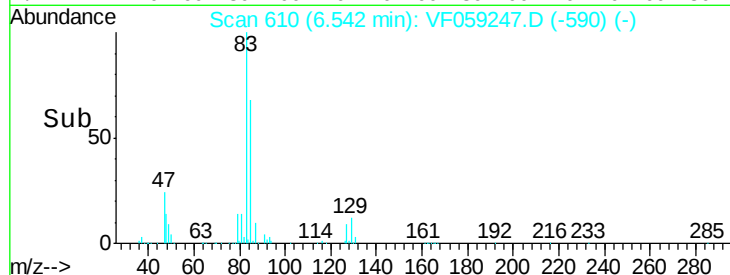
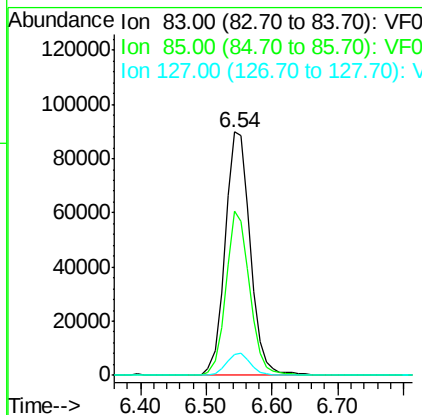
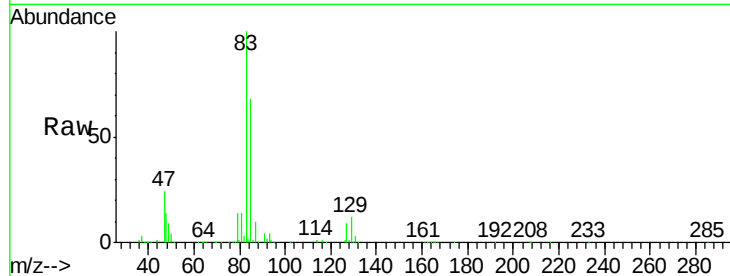
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	240189
Ion Ratio		Lower	Upper
83	100		
85	67.5	51.6	77.4
127	8.8	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.98 ug/l

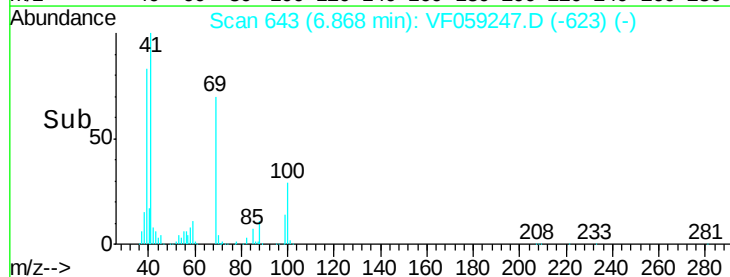
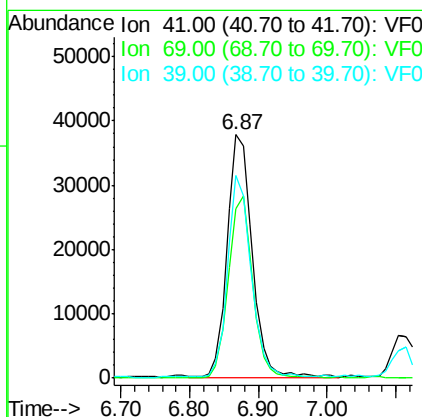
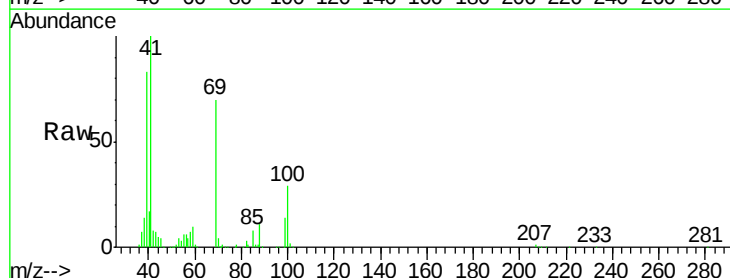
RT: 6.87 min Scan# 643

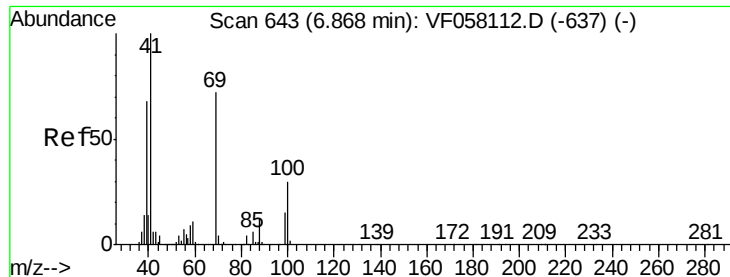
Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Tgt Ion:	41	Resp:	94317
Ion Ratio		Lower	Upper
41	100		
69	69.8	57.2	85.8
39	83.0	54.3	81.5#





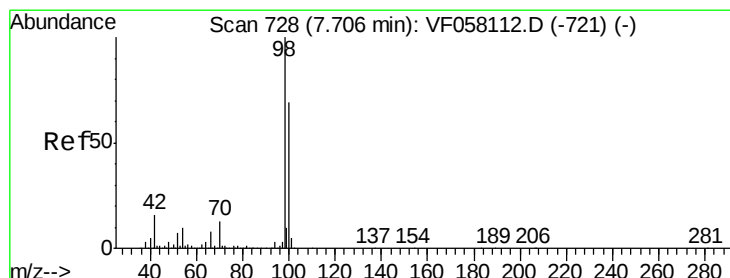
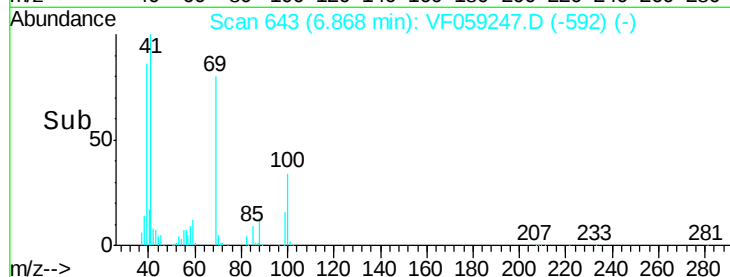
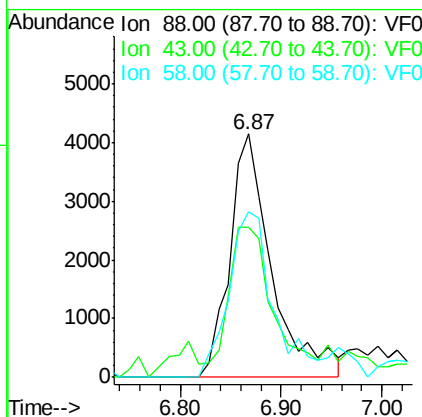
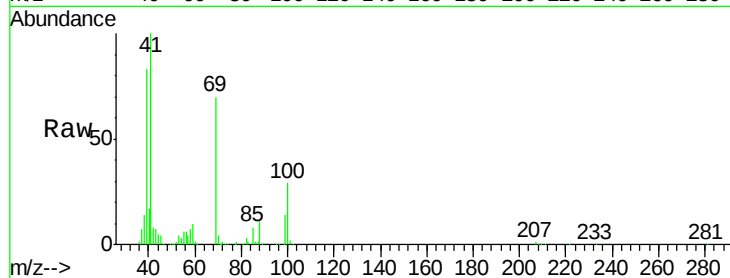
#49
1,4-Dioxane
Concen: 960.41 ug/l
RT: 6.87 min Scan# 643
Delta R.T. 0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	11960
Ion	Ratio	Lower	Upper
88	100		
43	61.9	47.8	71.8
58	68.2	59.4	89.0

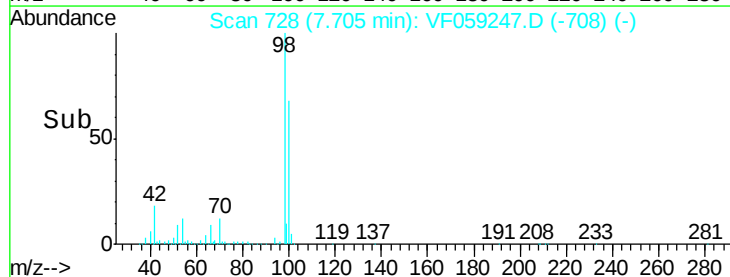
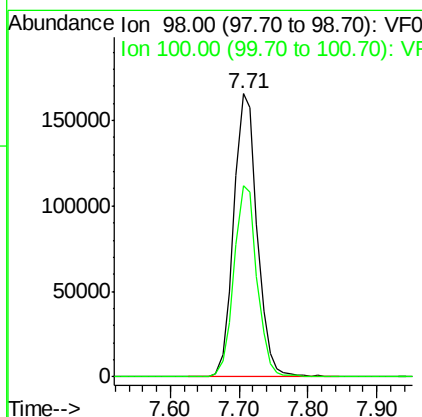
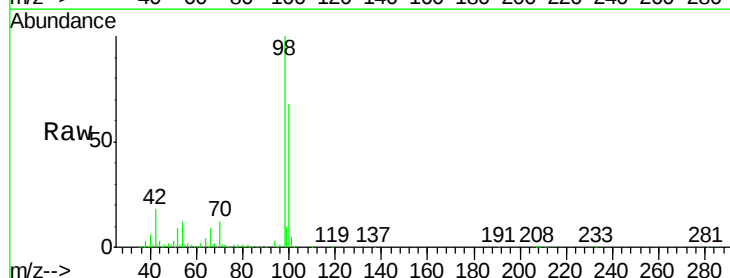
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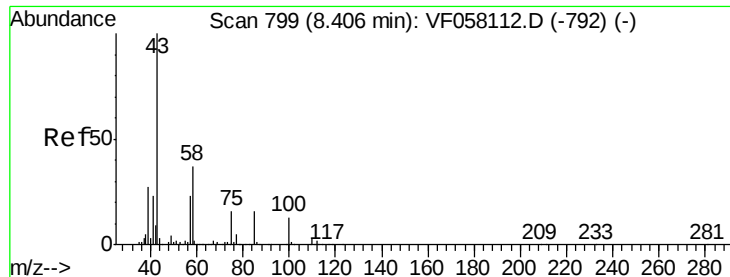
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#50
Toluene-d8
Concen: 54.67 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Tgt Ion	98	Resp	391001
Ion	Ratio	Lower	Upper
98	100		
100	67.6	55.6	83.4





#51

4-Methyl-2-Pentanone

Concen: 267.01 ug/l

RT: 8.41 min Scan# 799

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 509255

Ion Ratio Lower Upper

43 100

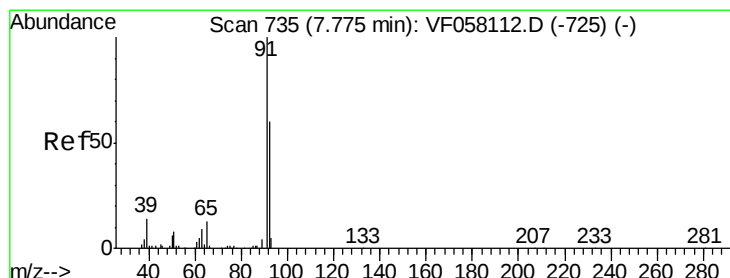
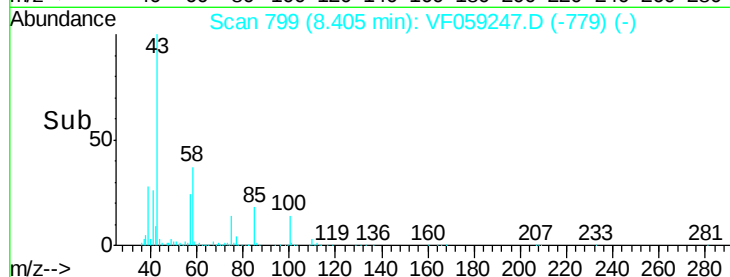
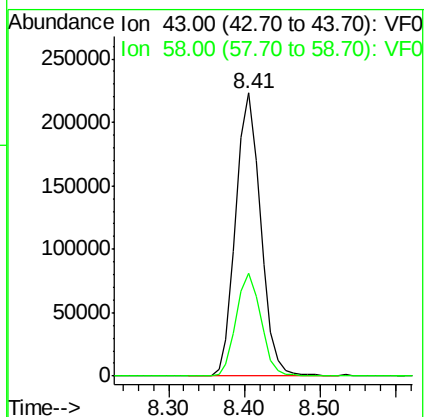
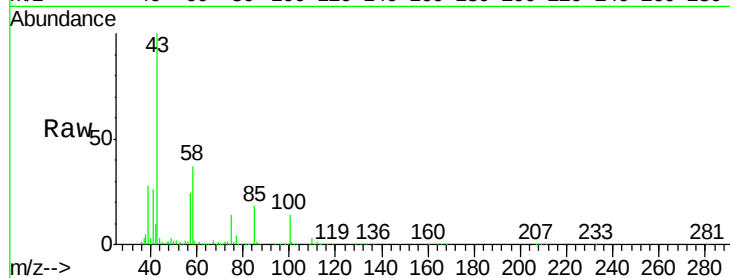
58 36.5 29.4 44.0

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#52

Toluene

Concen: 51.31 ug/l

RT: 7.77 min Scan# 735

Delta R.T. -0.00 min

Lab File: VF059247.D

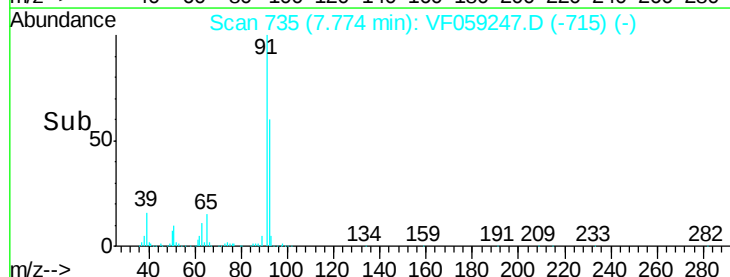
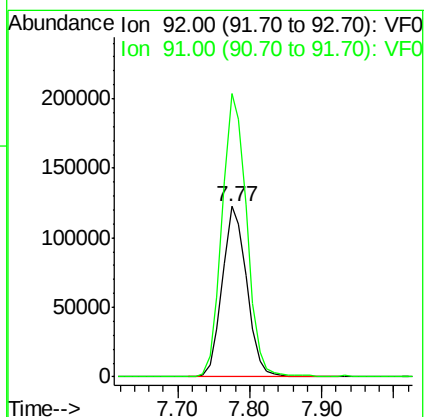
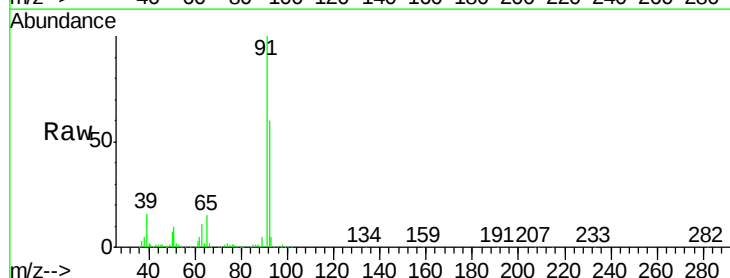
Acq: 21 Jun 2018 2:33

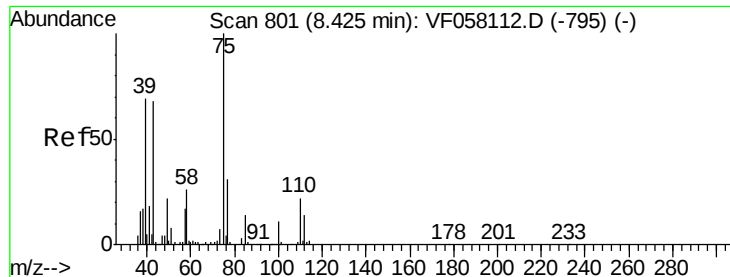
Tgt Ion: 92 Resp: 288434

Ion Ratio Lower Upper

92 100

91 166.1 132.9 199.3





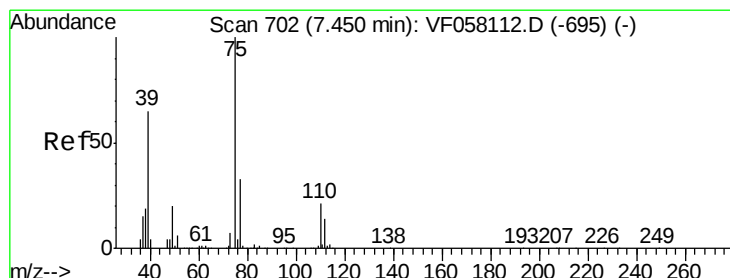
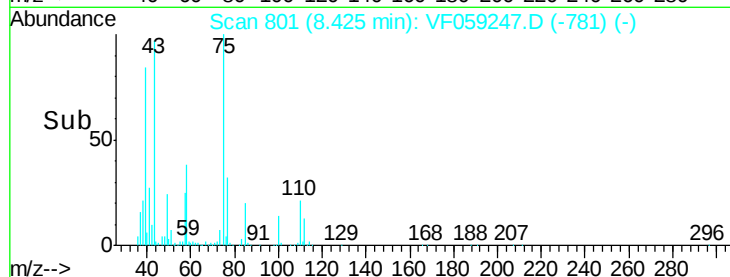
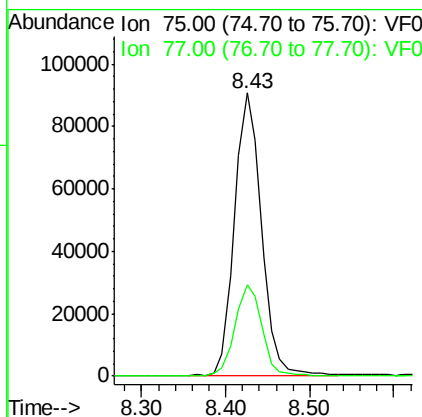
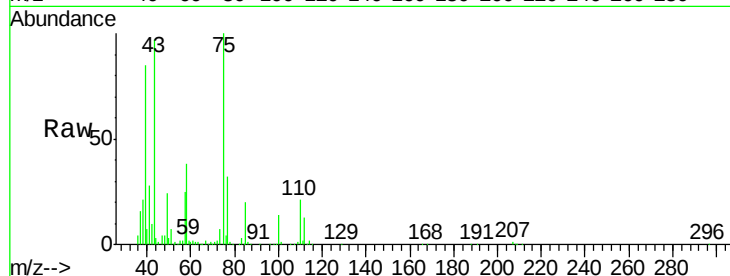
#53
 t-1,3-Dichloropropene
 Concen: 53.89 ug/l
 RT: 8.43 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VF059247.D
 Acq: 21 Jun 2018 2:33

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.1	37.7

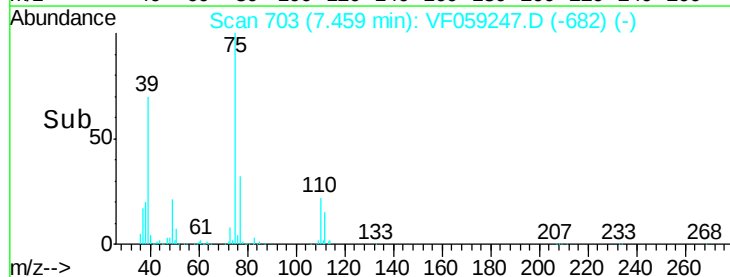
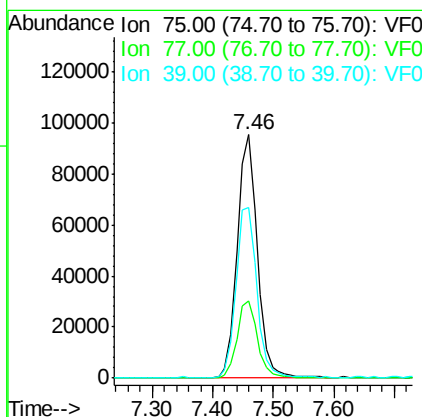
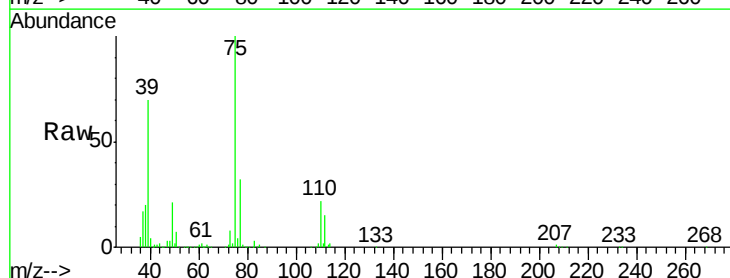
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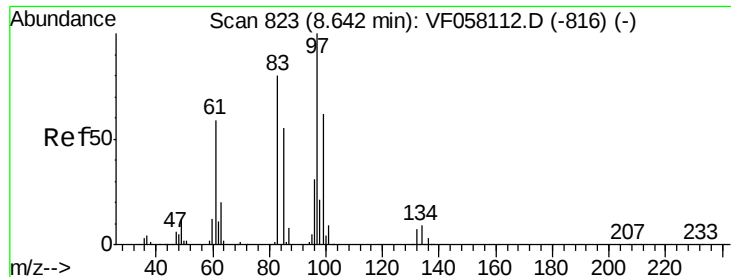
apatel
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#54
 cis-1,3-Dichloropropene
 Concen: 51.63 ug/l
 RT: 7.46 min Scan# 703
 Delta R.T. 0.01 min
 Lab File: VF059247.D
 Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.3	39.5
39	70.3	52.1	78.1





#55

1,1,2-Trichloroethane

Concen: 59.43 ug/l

RT: 8.64 min Scan# 823

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

MSVOA_F

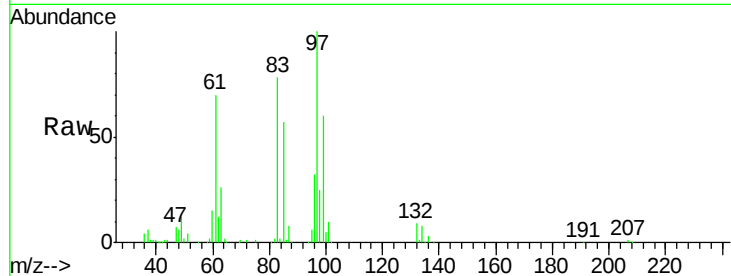
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		121078		
83	77.5	64.3	96.5		
85	56.6	43.8	65.8		
99	59.7	49.8	74.8		

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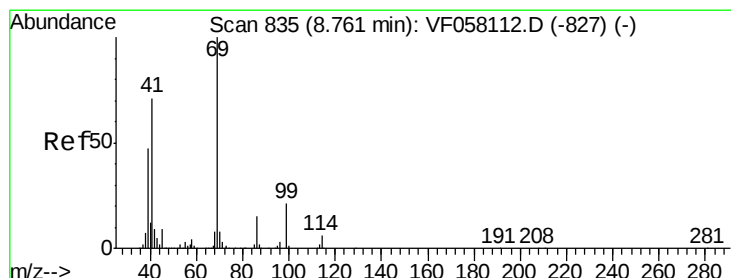
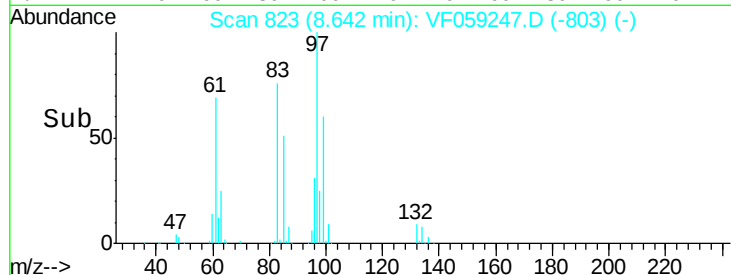
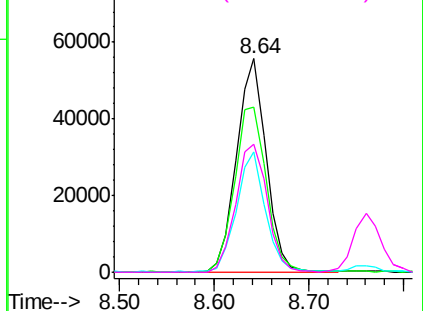


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 57.19 ug/l

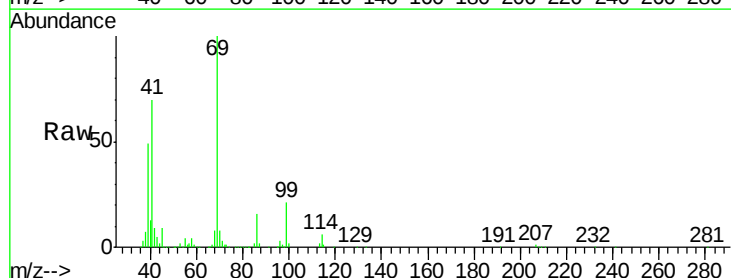
RT: 8.76 min Scan# 835

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

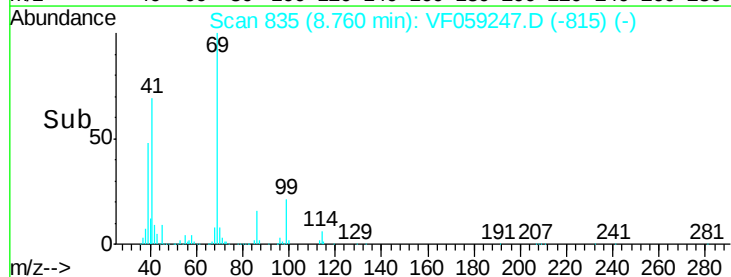
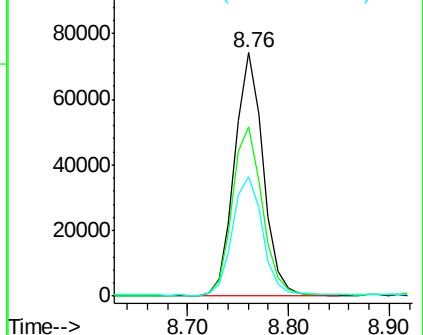
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		146858		
41	69.5	56.9	85.3		
39	49.1	38.0	57.0		

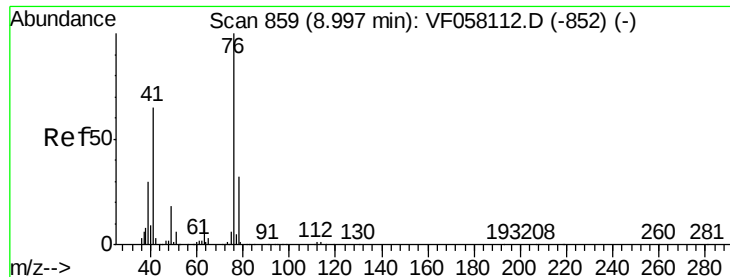


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 57.19 ug/l

RT: 9.00 min Scan# 859

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 199306

Ion Ratio Lower Upper

76 100

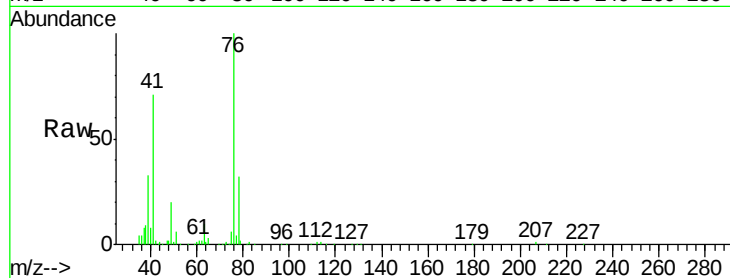
78 31.7 25.8 38.6

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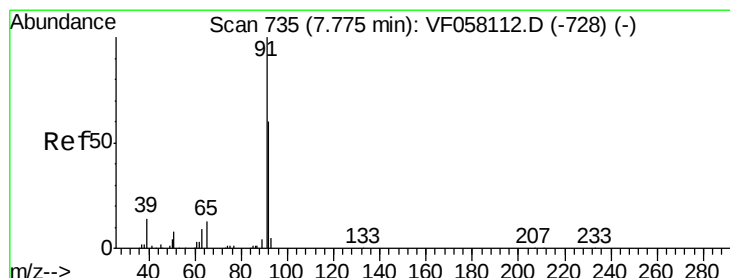
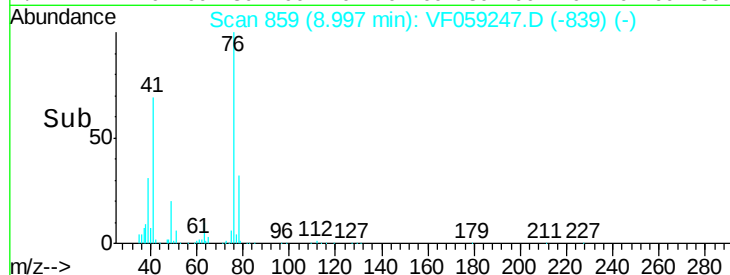
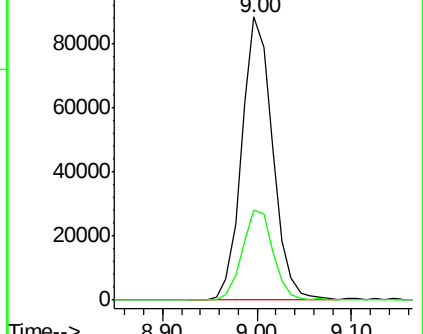
apatel

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Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 283.13 ug/l

RT: 7.77 min Scan# 735

Delta R.T. -0.00 min

Lab File: VF059247.D

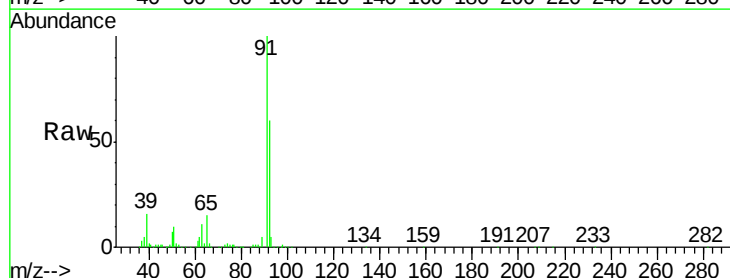
Acq: 21 Jun 2018 2:33

Tgt Ion: 63 Resp: 51987

Ion Ratio Lower Upper

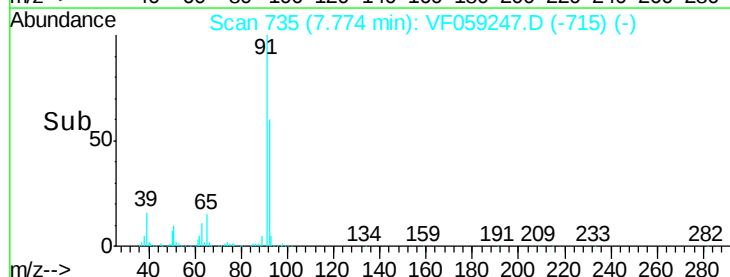
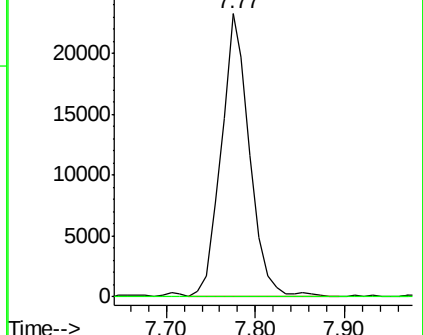
63 100

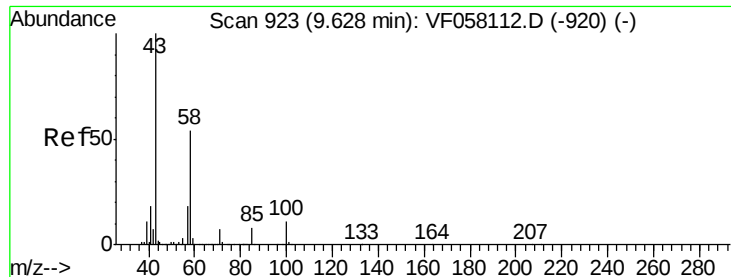
106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V





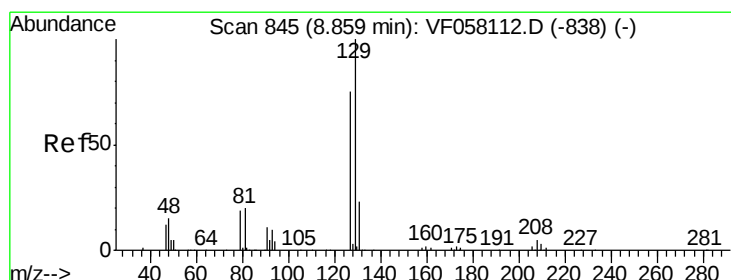
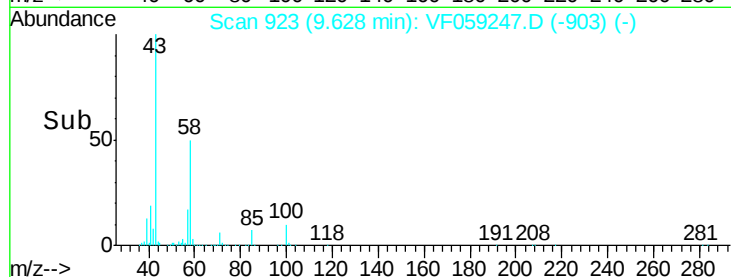
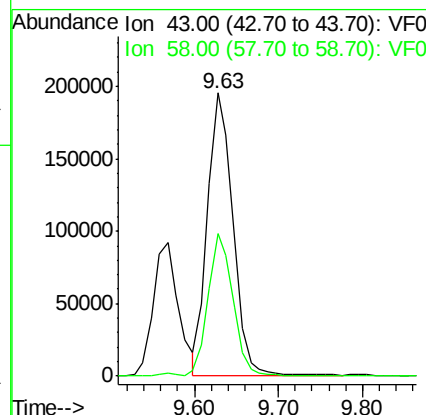
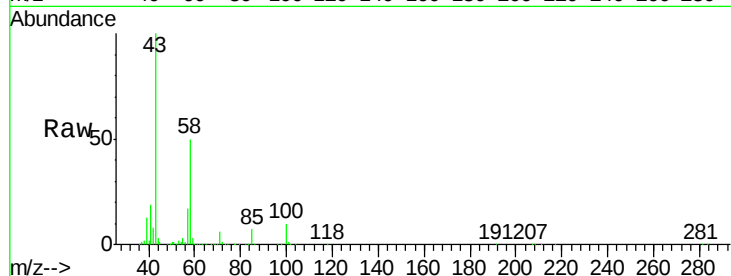
#59
2-Hexanone
Concen: 271.22 ug/l
RT: 9.63 min Scan# 923
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 409169
Ion Ratio Lower Upper
43 100
58 50.4 26.3 78.8

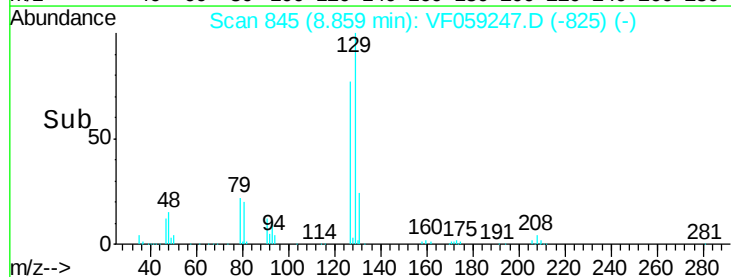
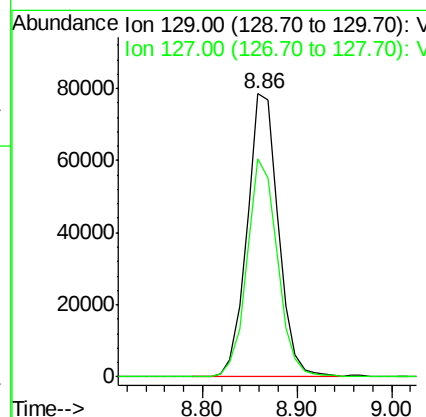
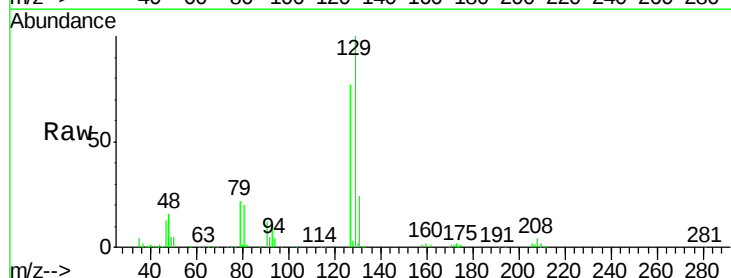
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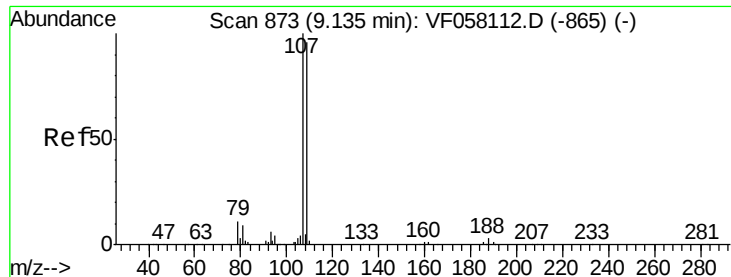
apatel
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#60
Dibromochloromethane
Concen: 61.35 ug/l
RT: 8.86 min Scan# 845
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Tgt Ion: 129 Resp: 179615
Ion Ratio Lower Upper
129 100
127 76.9 37.6 112.9





#61

1,2-Dibromoethane

Concen: 59.48 ug/l

RT: 9.13 min Scan# 873

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 140800

Ion Ratio Lower Upper

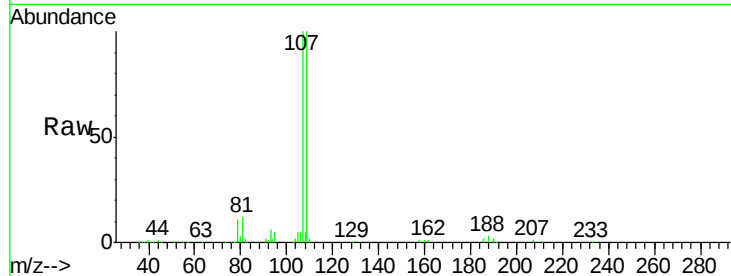
107 100

109 100.0 76.6 115.0

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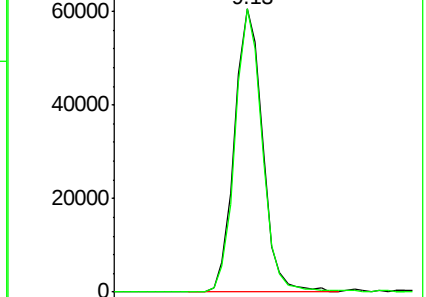
apatel

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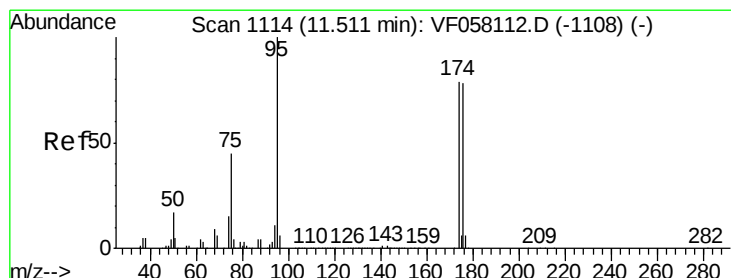
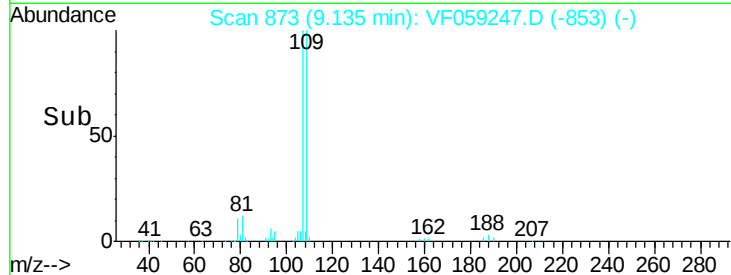


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



Time-->



#62

4-Bromofluorobenzene

Concen: 55.47 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

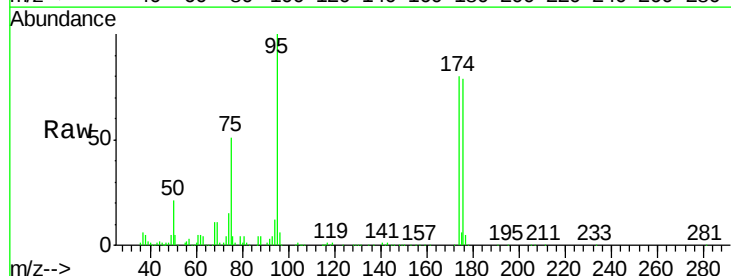
Tgt Ion: 95 Resp: 203483

Ion Ratio Lower Upper

95 100

174 80.5 0.0 157.8

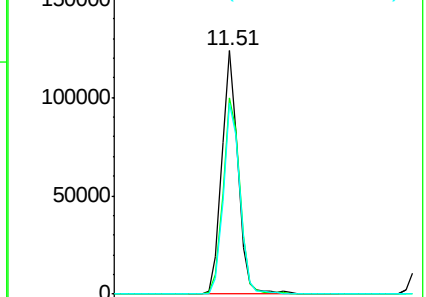
176 78.6 0.0 155.8



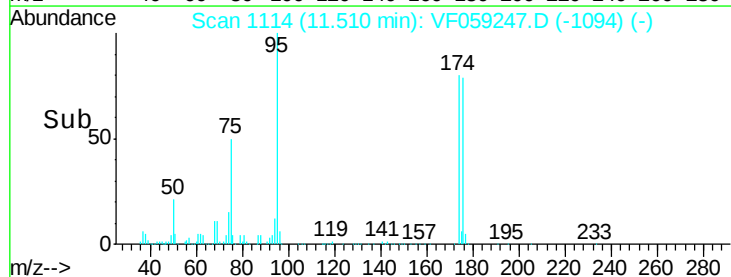
Abundance Ion 95.00 (94.70 to 95.70): VF0

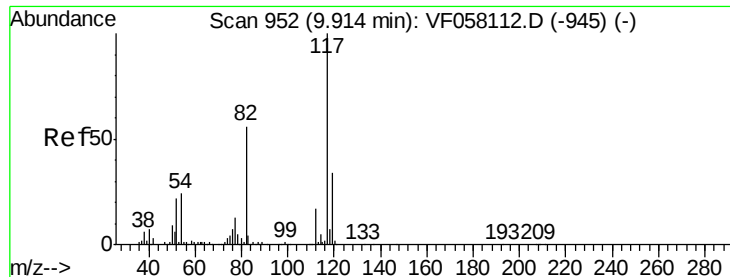
Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.92 min Scan# 953

Delta R.T. 0.01 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

MSVOA_F

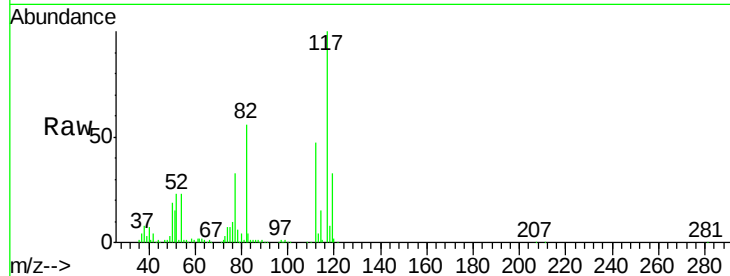
ClientSampleId :

VSTDCCC050

Tot Ion:	117	Resp:	356446
Ion Ratio	Lower	Upper	
117	100		
82	56.3	45.2	67.8
119	33.0	27.5	41.3

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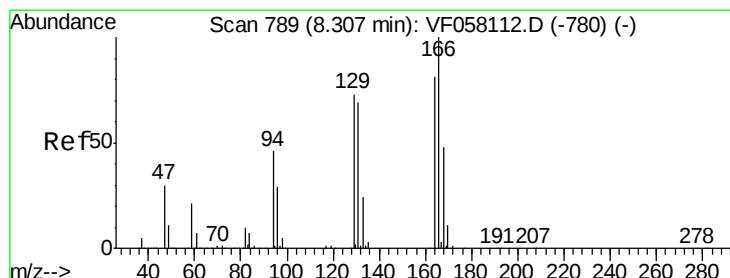
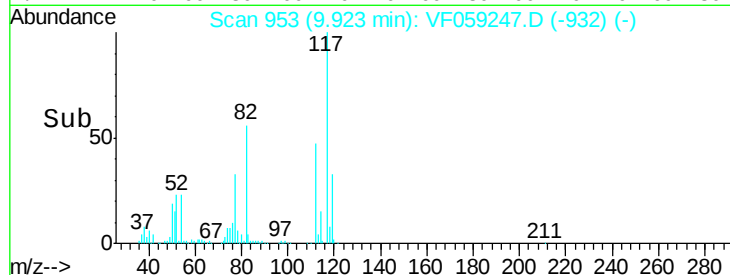
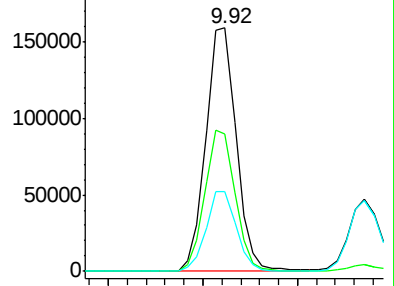
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Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#64

Tetrachloroethene

Concen: 55.39 ug/l

RT: 8.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

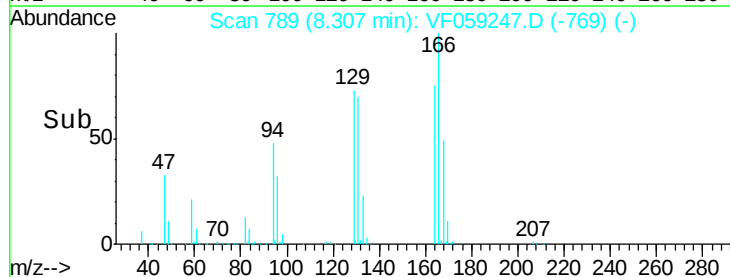
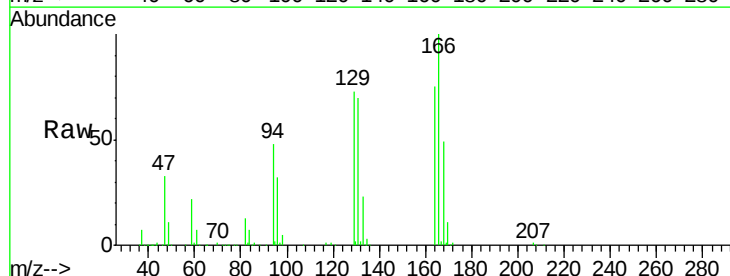
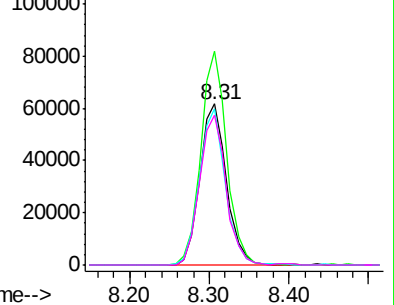
Tgt Ion:	164	Resp:	144811
Ion Ratio	Lower	Upper	
164	100		
166	132.7	98.2	147.4
129	97.2	71.6	107.4
131	93.2	67.8	101.6

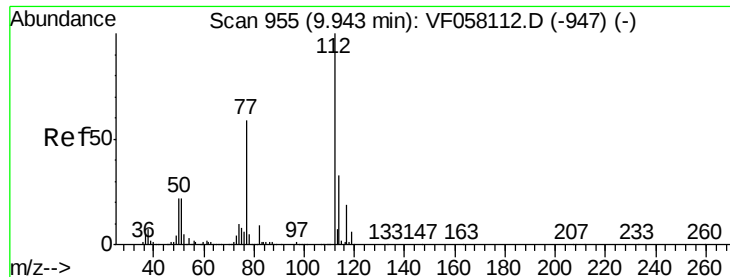
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V





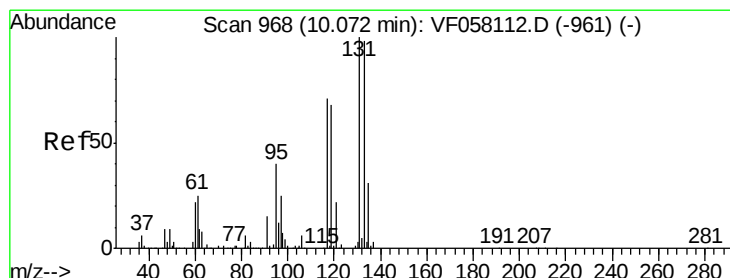
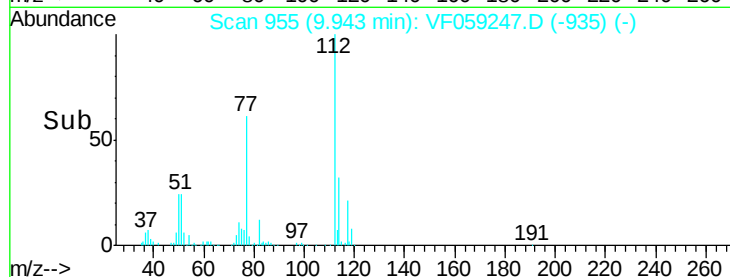
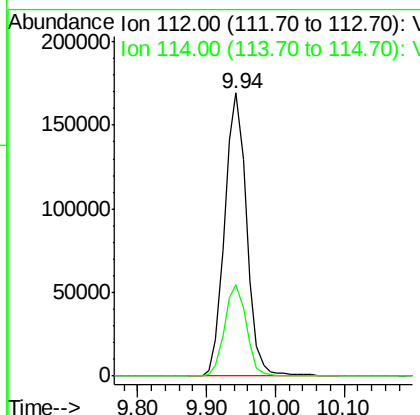
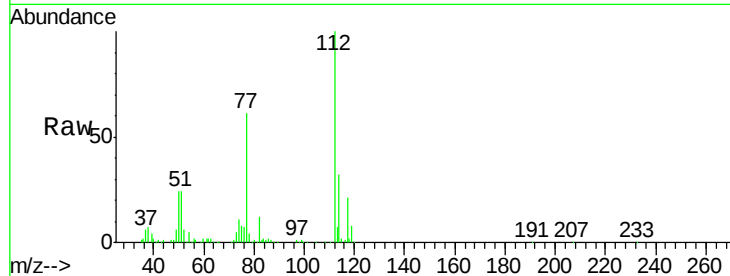
#65
Chlorobenzene
Concen: 53.11 ug/l
RT: 9.94 min Scan# 955
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.2	39.4

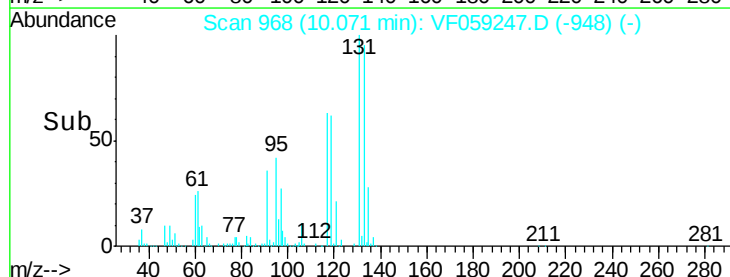
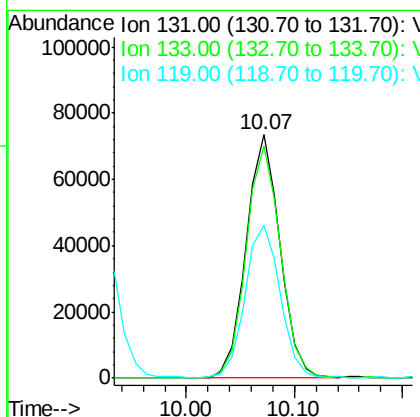
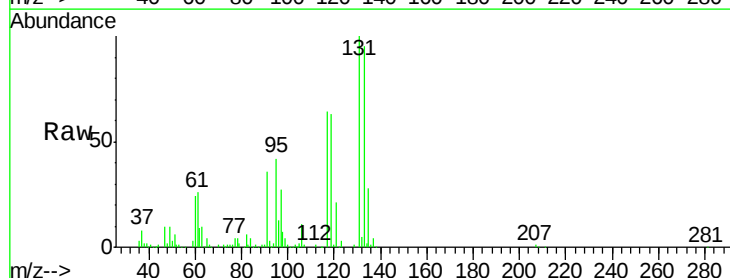
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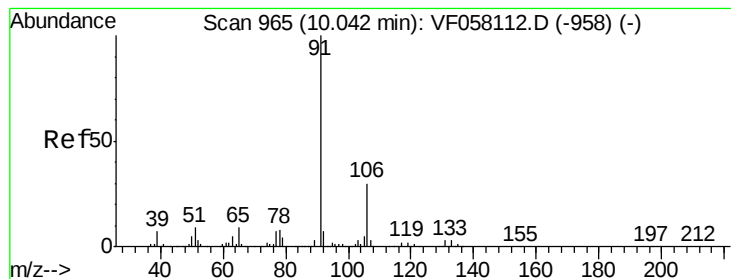
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#66
1,1,1,2-Tetrachloroethane
Concen: 57.20 ug/l
RT: 10.07 min Scan# 968
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	49.1	147.4
119	62.7	34.3	102.8





#67

Ethyl Benzene

Concen: 54.08 ug/l

RT: 10.04 min Scan# 965

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 663265

Ion Ratio Lower Upper

91 100

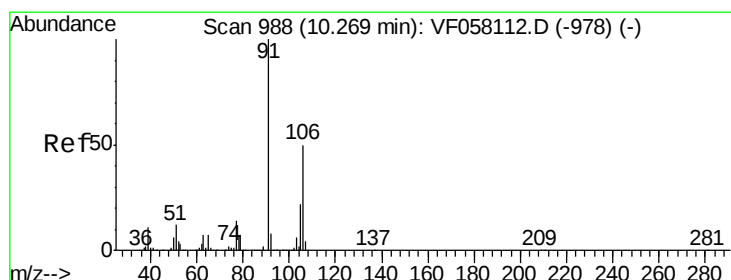
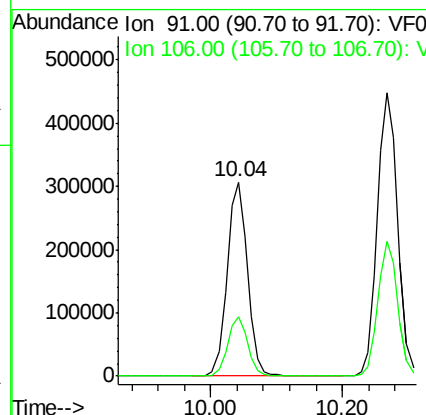
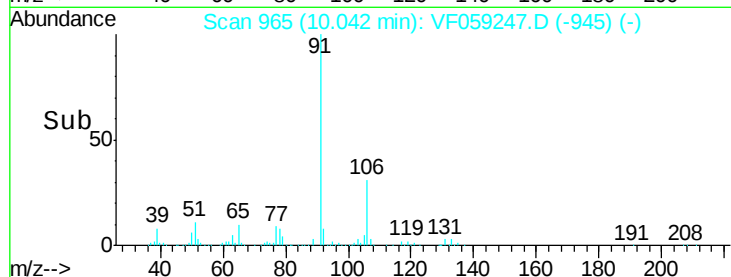
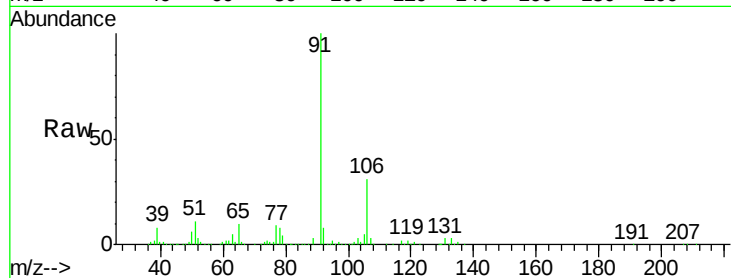
106 30.8 24.2 36.4

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#68

m/p-Xylenes

Concen: 97.65 ug/l

RT: 10.27 min Scan# 988

Delta R.T. -0.00 min

Lab File: VF059247.D

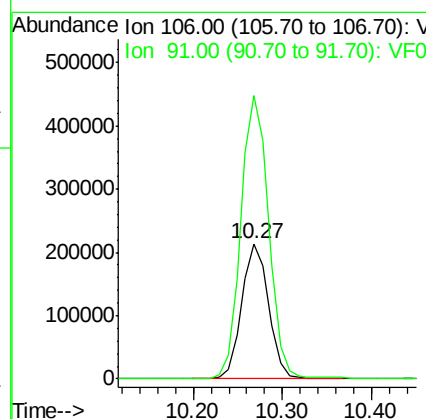
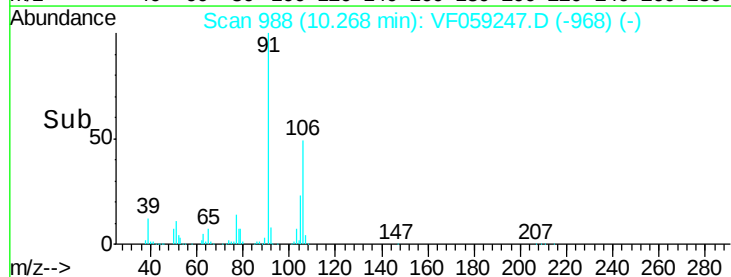
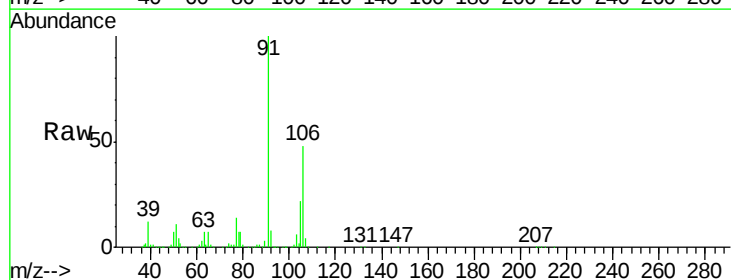
Acq: 21 Jun 2018 2:33

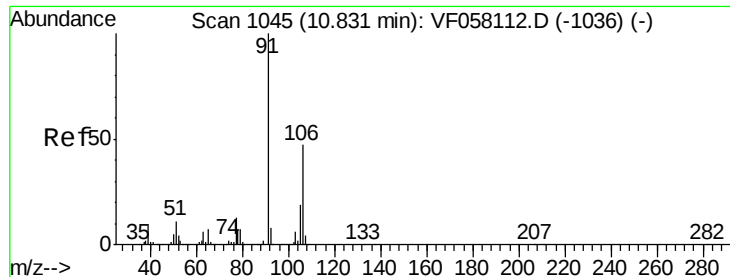
Tgt Ion: 106 Resp: 448405

Ion Ratio Lower Upper

106 100

91 209.8 160.7 241.1





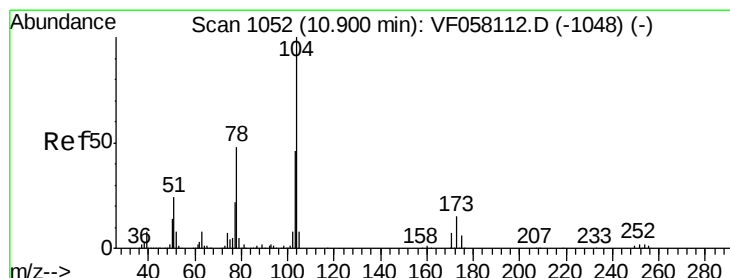
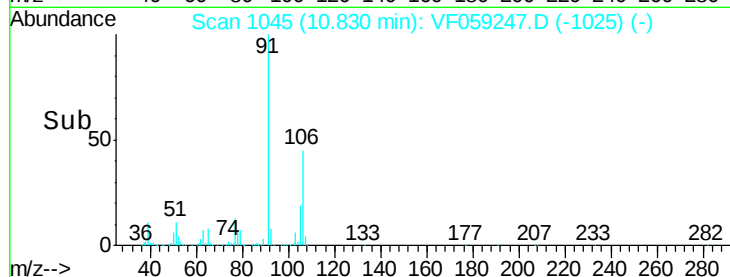
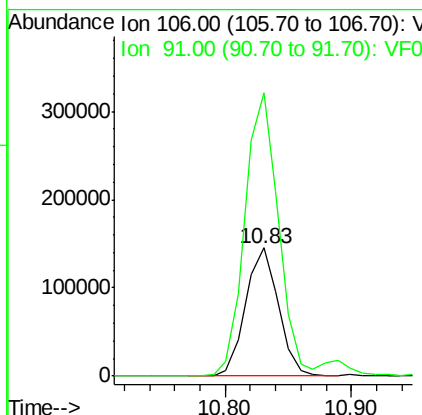
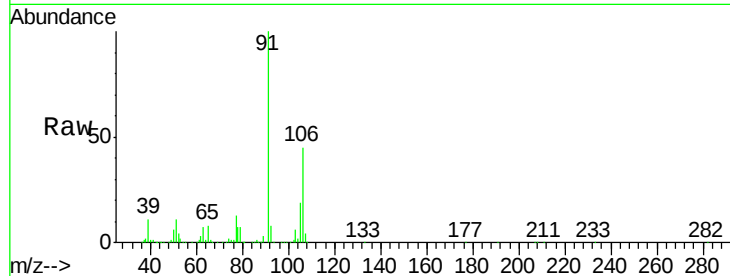
#69
o-Xylene
Concen: 53.04 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	220.8	107.0	321.0

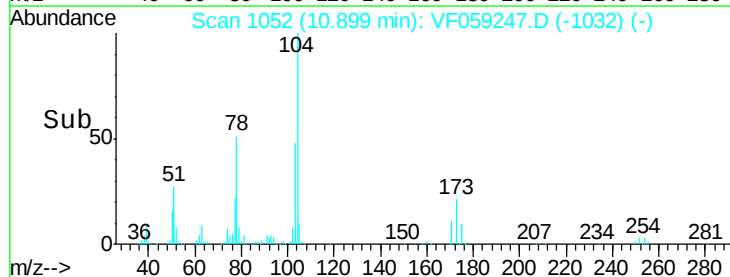
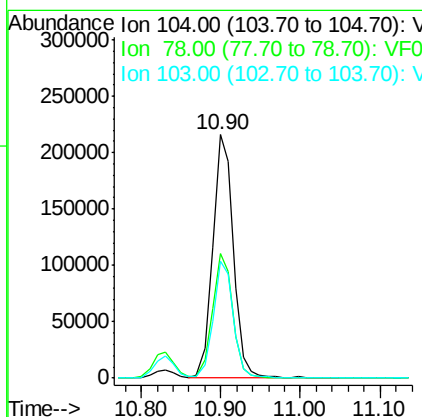
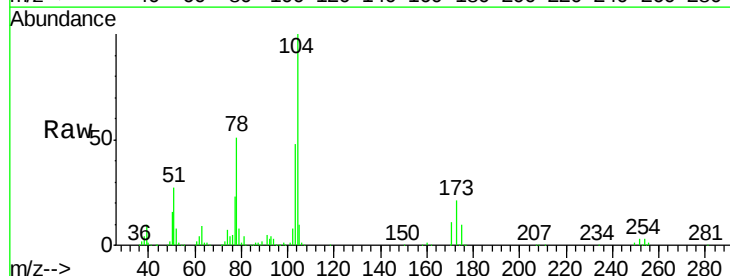
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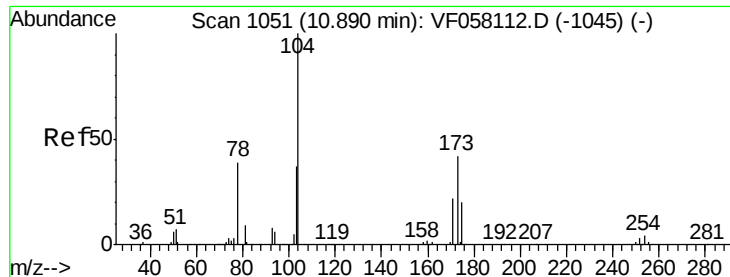
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#70
Styrene
Concen: 52.40 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.3	38.4	57.6
103	47.8	37.0	55.6





#71

Bromoform

Concen: 59.24 ug/l

RT: 10.89 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

MSVOA_F

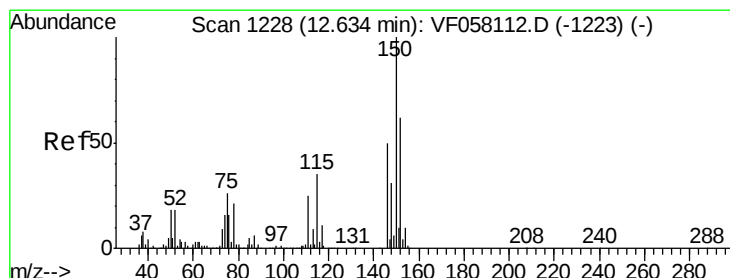
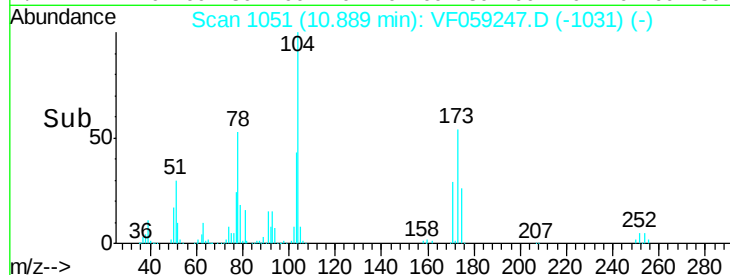
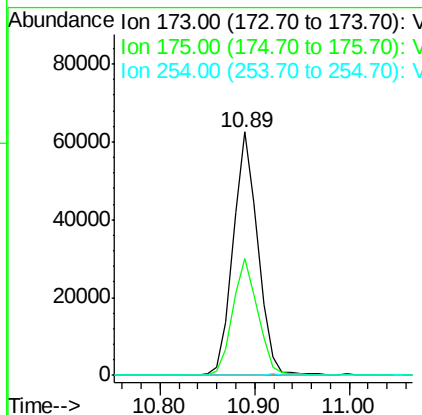
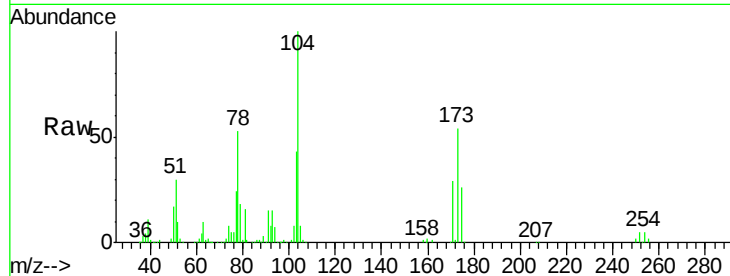
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.6	74.0
254	0.0	7.8	11.8#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

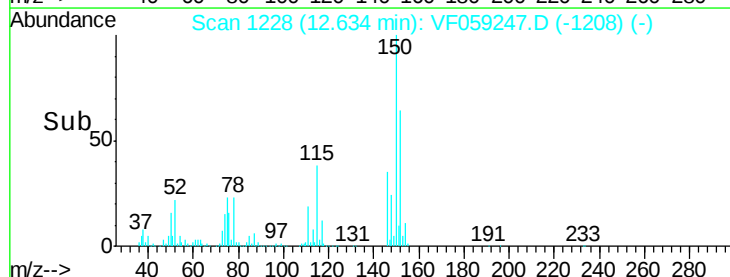
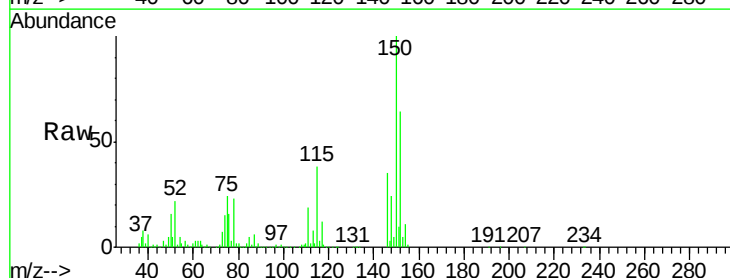
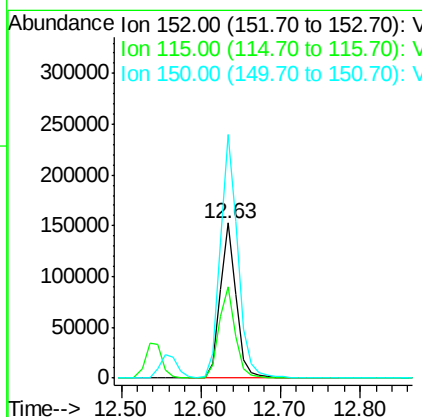
RT: 12.63 min Scan# 1228

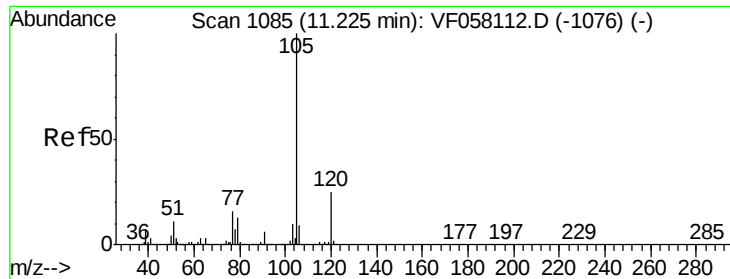
Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.5	85.5
150	157.2	0.0	323.8





#73

Isopropylbenzene

Concen: 50.16 ug/l

RT: 11.22 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 755792

Ion Ratio Lower Upper

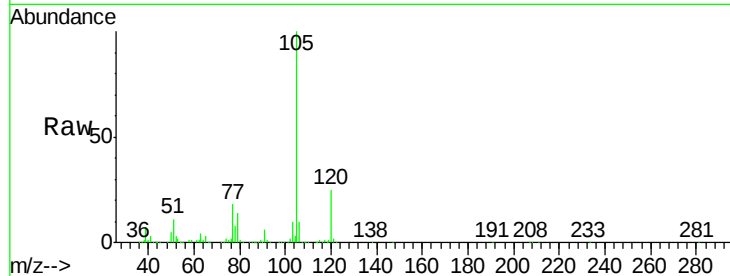
105 100

120 24.8 12.7 38.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

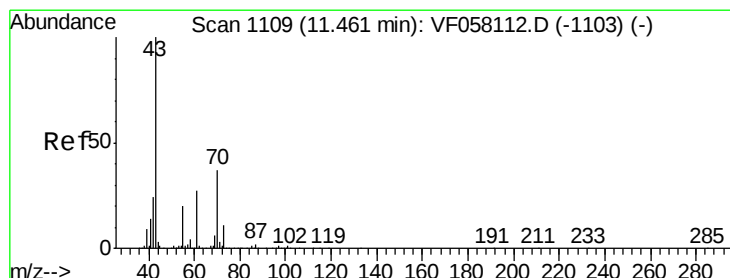
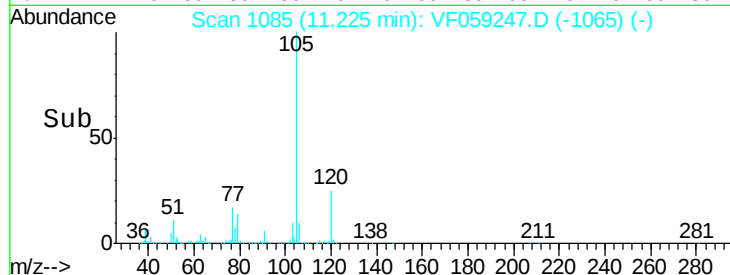
200000

100000

0

11.10 11.20 11.30 11.40

Time-->



#74

N-ethyl acetate

Concen: 49.46 ug/l

RT: 11.46 min Scan# 1109

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Tgt Ion: 43 Resp: 266213

Ion Ratio Lower Upper

43 100

70 38.7 29.2 43.8

55 21.9 15.8 23.6

61 27.2 21.3 31.9

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

250000

200000

150000

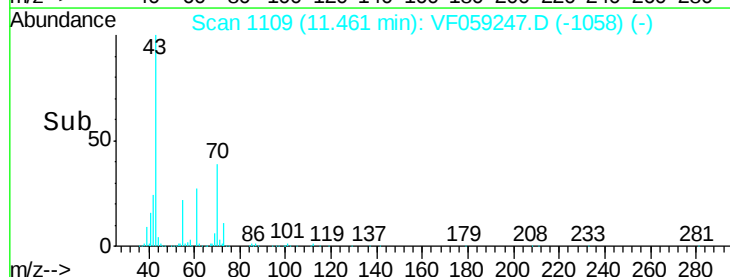
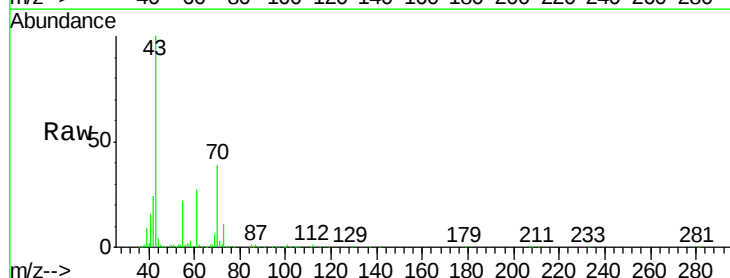
100000

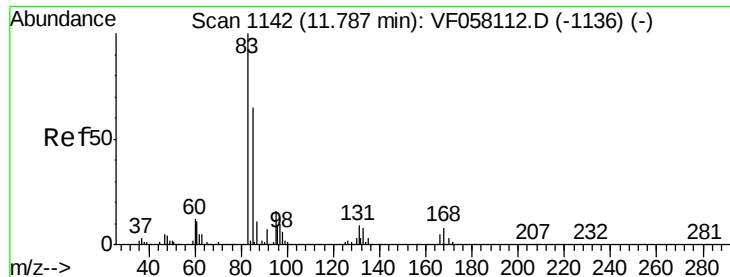
50000

0

11.40 11.50 11.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.49 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 180373
Ion Ratio Lower Upper

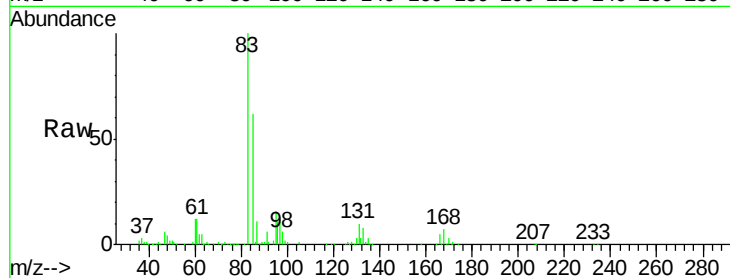
83 100

131 9.8 4.5 13.7

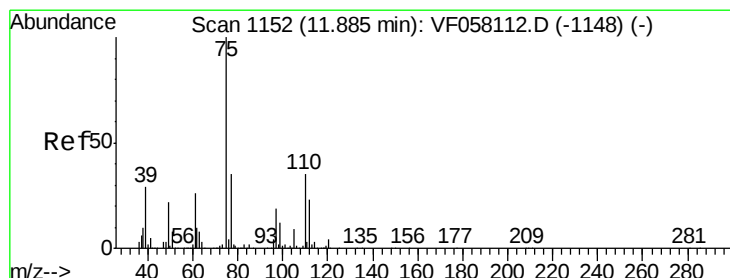
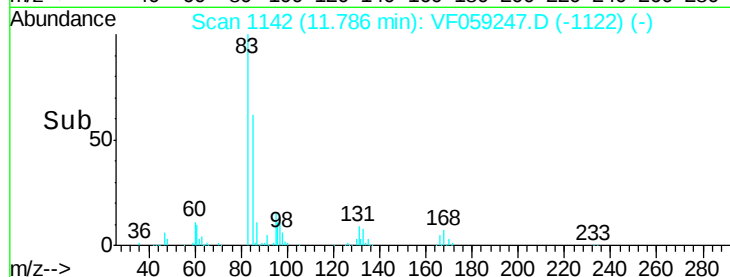
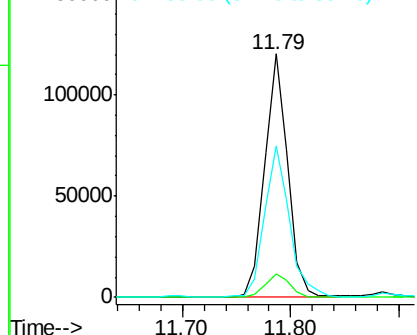
85 62.1 32.8 98.3

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Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 131.00 (130.70 to 131.70): V
Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 51.38 ug/l

RT: 11.88 min Scan# 1152

Delta R.T. -0.00 min

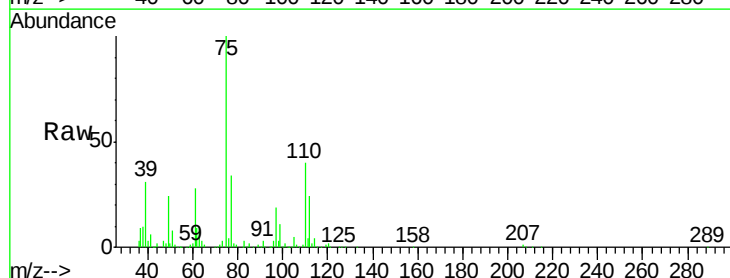
Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

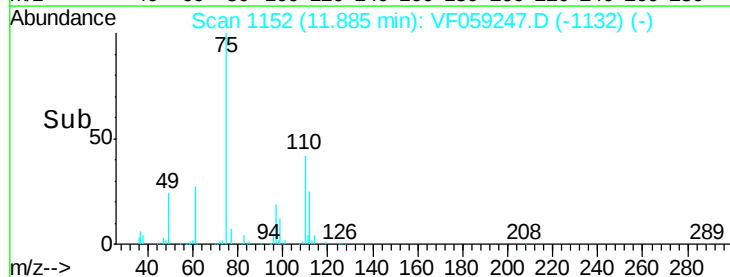
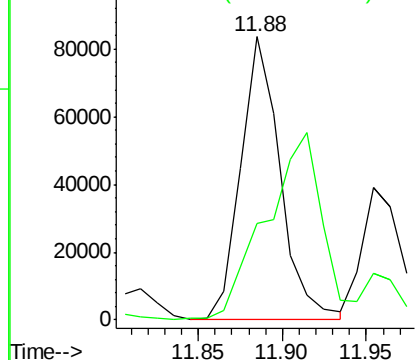
Tgt Ion: 75 Resp: 135557
Ion Ratio Lower Upper

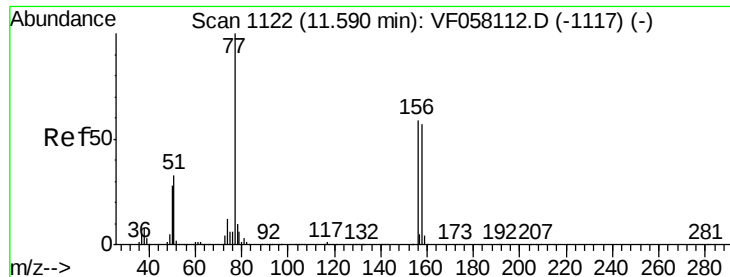
75 100

77 34.1 17.5 52.5



Abundance Ion 75.00 (74.70 to 75.70): VF0
Ion 77.00 (76.70 to 77.70): VF0





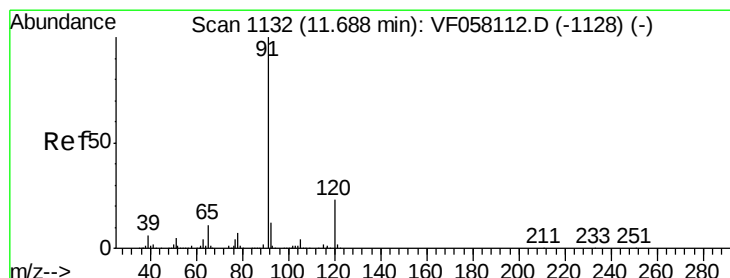
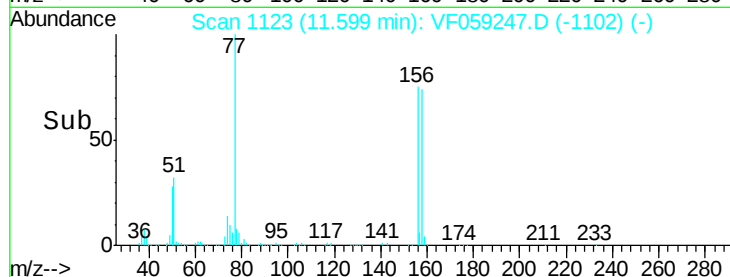
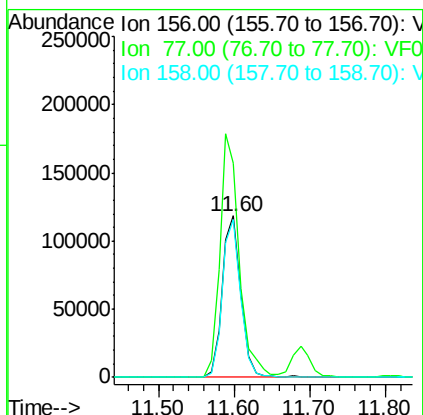
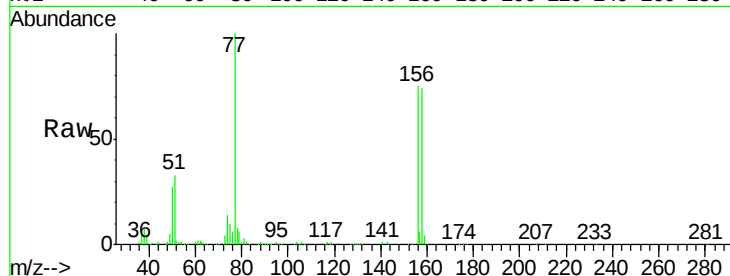
#77
Bromobenzene
Concen: 53.40 ug/l
RT: 11.60 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	133.2	84.8	254.4
158	98.3	47.9	143.7

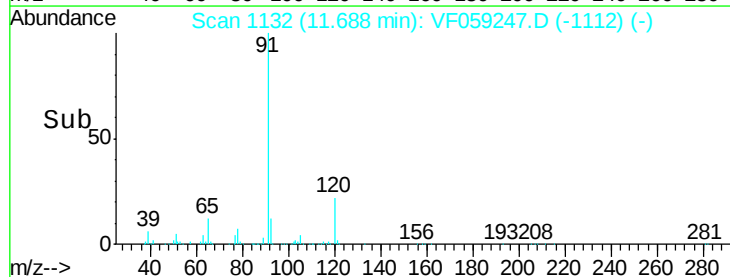
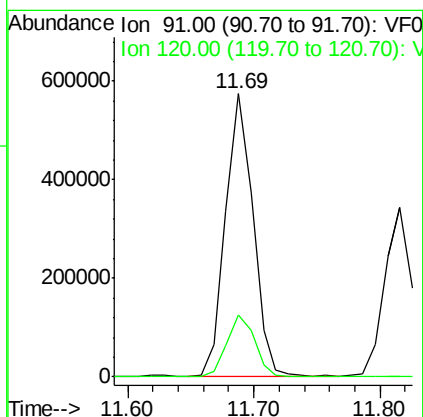
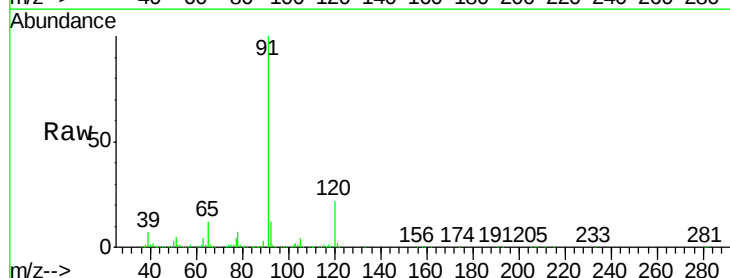
Manual Integrations
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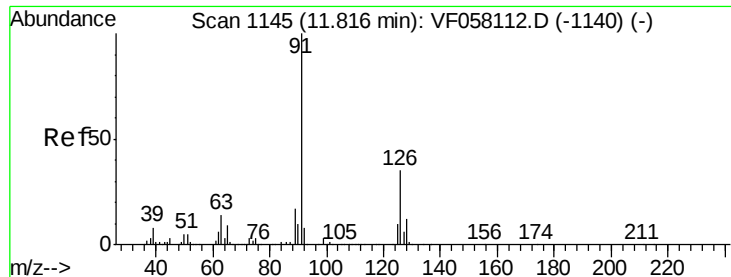
apatel
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#78
n-propylbenzene
Concen: 48.92 ug/l
RT: 11.69 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.5	34.5





#79

2-Chlorotoluene

Concen: 49.68 ug/l

RT: 11.82 min Scan# 1145

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 523452

Ion Ratio Lower Upper

91 100

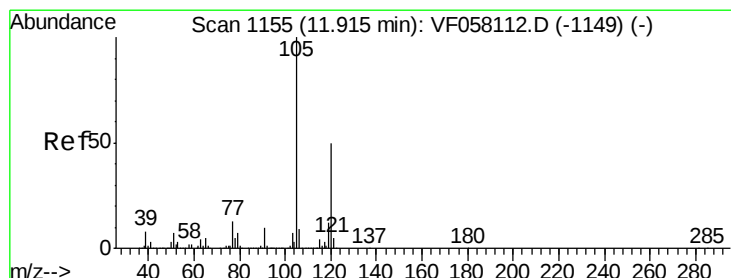
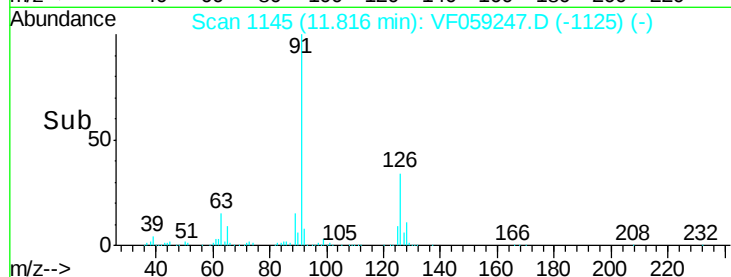
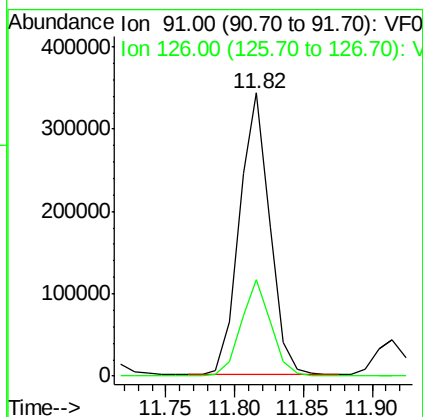
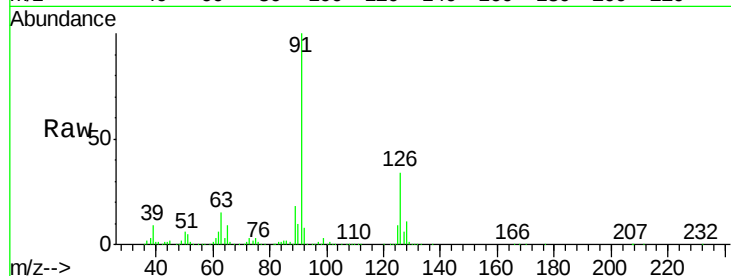
126 34.2 17.6 52.9

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#80

1,3,5-Trimethylbenzene

Concen: 50.31 ug/l

RT: 11.91 min Scan# 1155

Delta R.T. -0.00 min

Lab File: VF059247.D

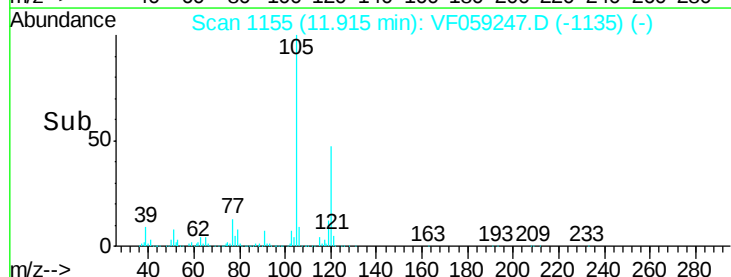
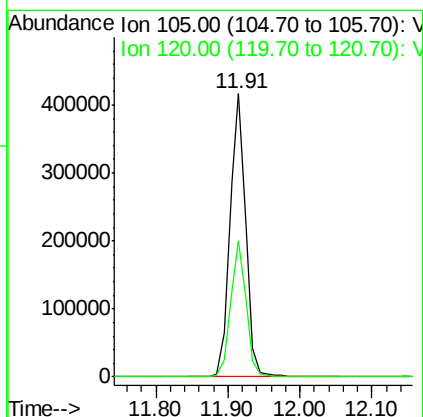
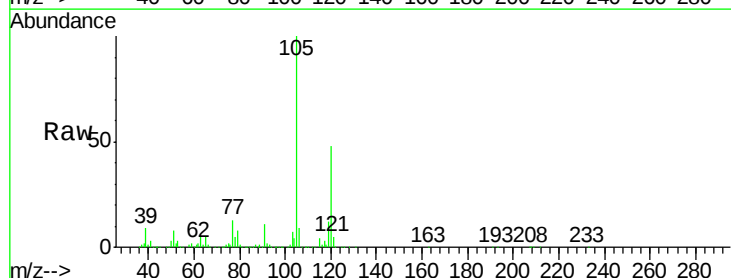
Acq: 21 Jun 2018 2:33

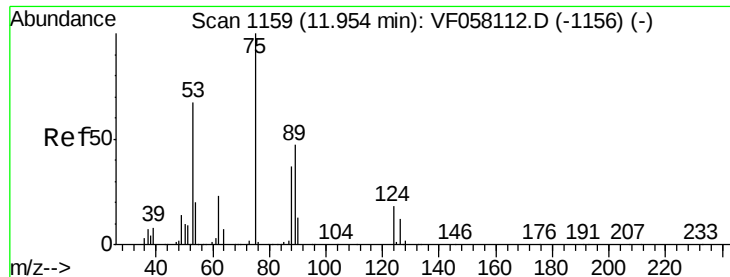
Tgt Ion: 105 Resp: 627482

Ion Ratio Lower Upper

105 100

120 48.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 46.44 ug/l

RT: 11.95 min Scan# 1159

Delta R.T. -0.00 min

Lab File: VF059247.D

Acq: 21 Jun 2018 2:33

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 79445

Ion Ratio Lower Upper

75 100

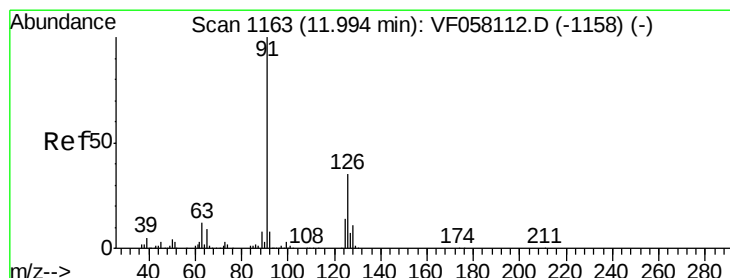
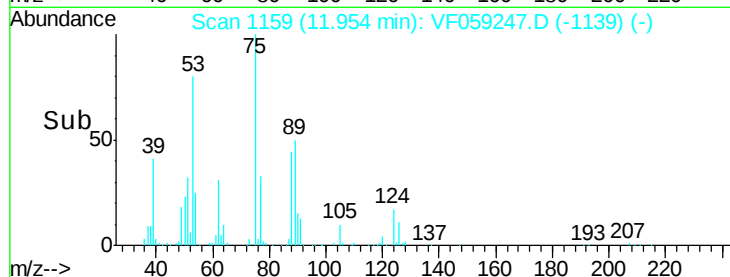
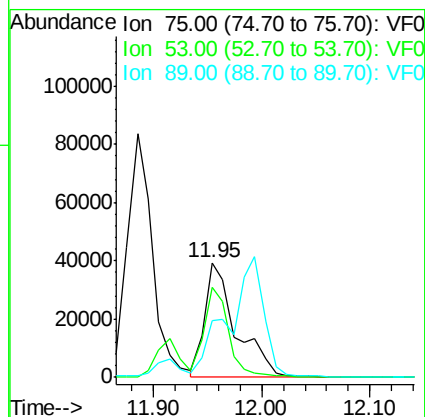
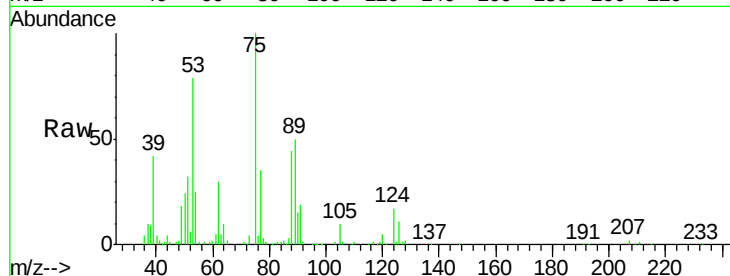
53 79.1 58.7 88.1

89 50.1 39.8 59.6

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#82

4-Chlorotoluene

Concen: 51.01 ug/l

RT: 11.99 min Scan# 1163

Delta R.T. -0.00 min

Lab File: VF059247.D

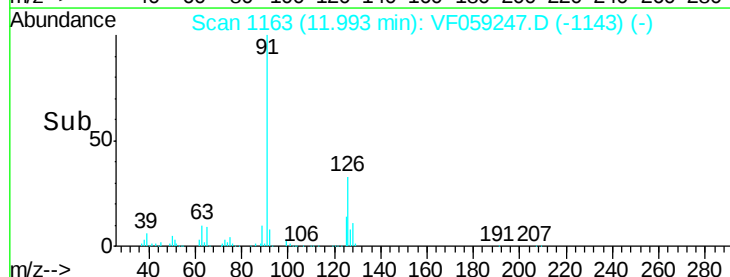
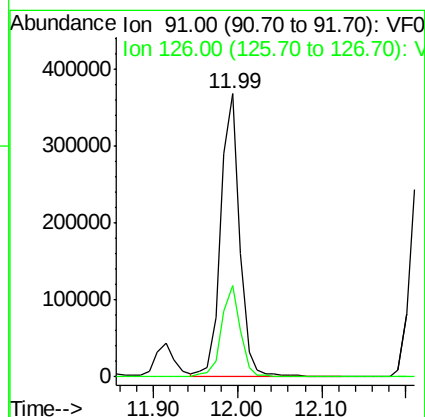
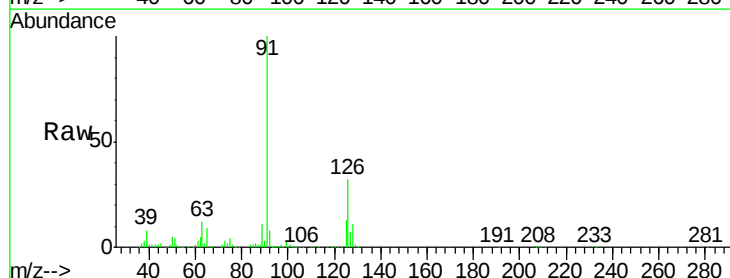
Acq: 21 Jun 2018 2:33

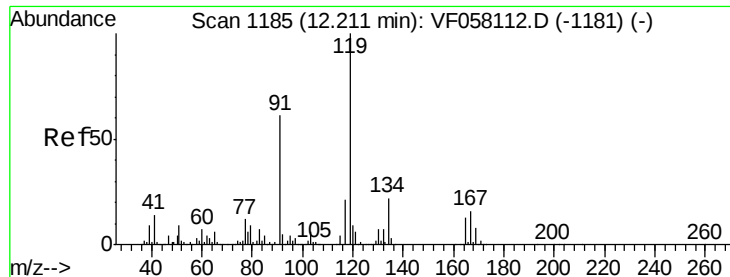
Tgt Ion: 91 Resp: 572227

Ion Ratio Lower Upper

91 100

126 32.3 17.4 52.2





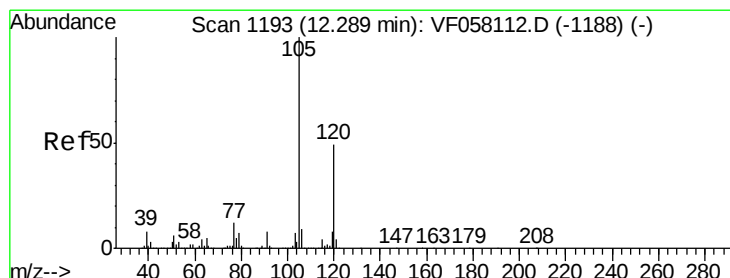
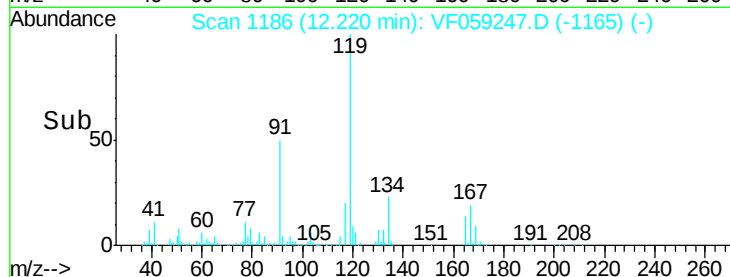
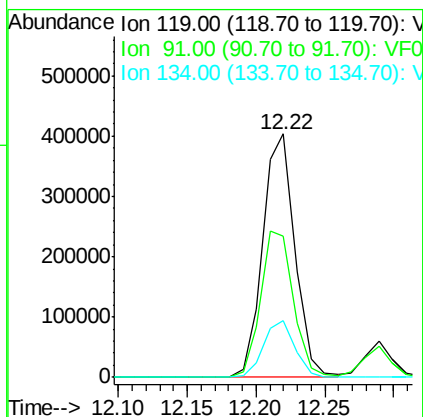
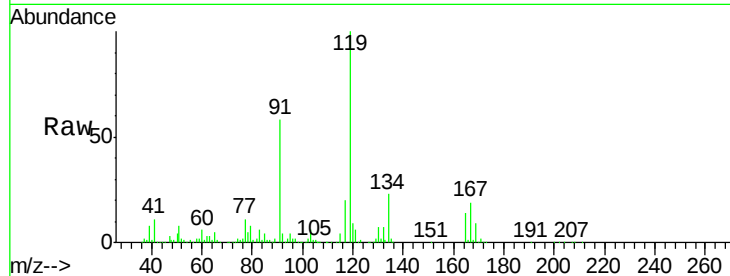
#83
tert-Butylbenzene
Concen: 52.78 ug/l
RT: 12.22 min Scan# 1186
Delta R.T. 0.01 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.2	30.4	91.3
134	23.4	11.2	33.5

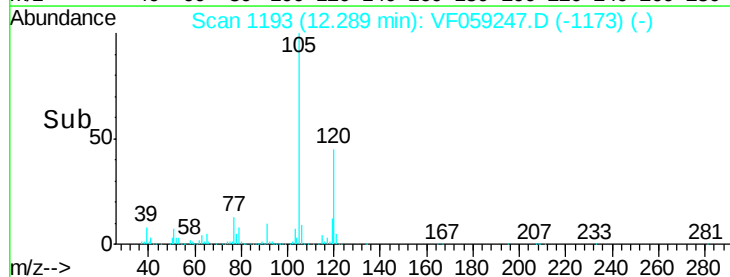
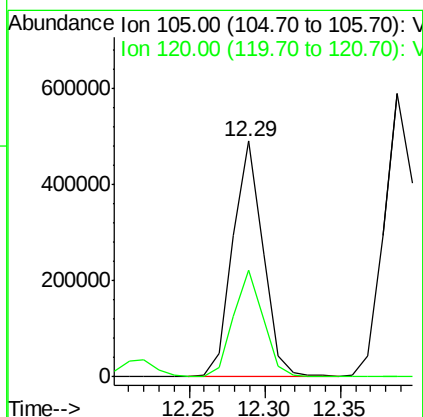
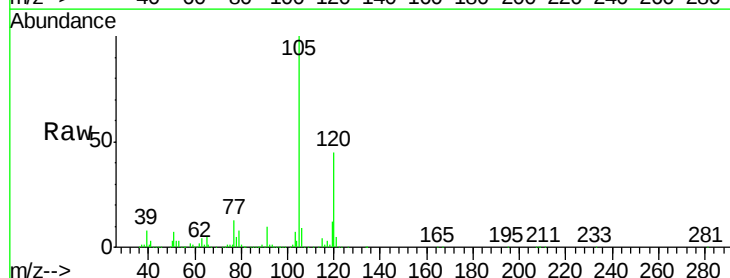
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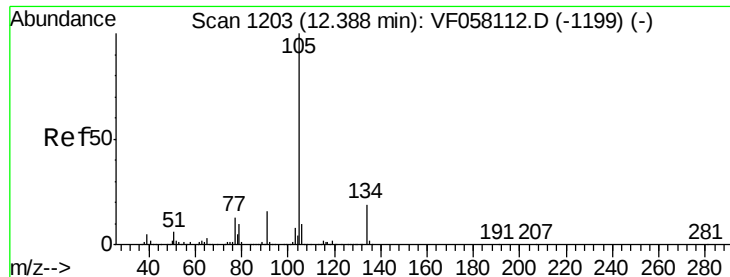
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#84
1,2,4-Trimethylbenzene
Concen: 52.71 ug/l
RT: 12.29 min Scan# 1193
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	24.7	74.1





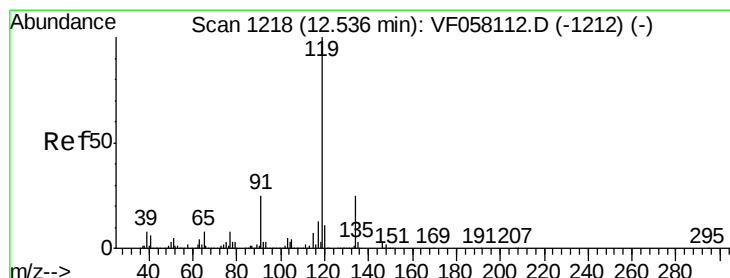
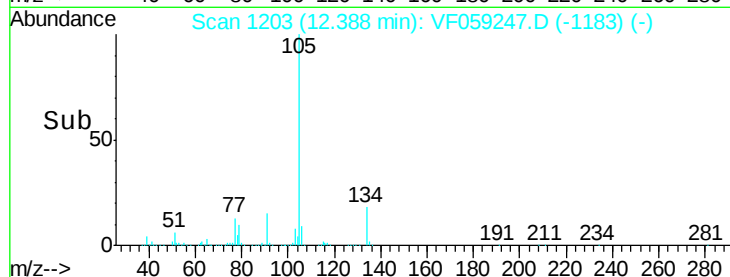
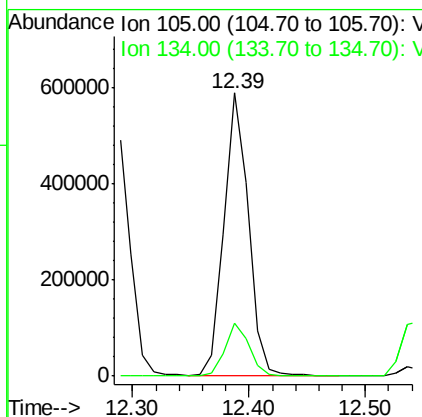
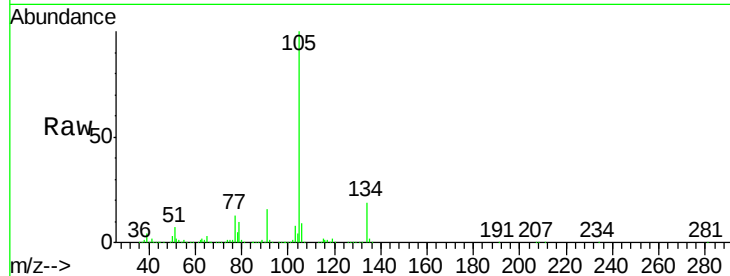
#85
 sec-Butylbenzene
 Concen: 50.97 ug/l
 RT: 12.39 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: VF059247.D
 Acq: 21 Jun 2018 2:33

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.5	9.6	28.6

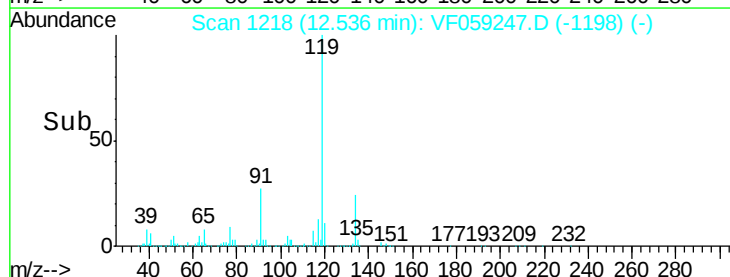
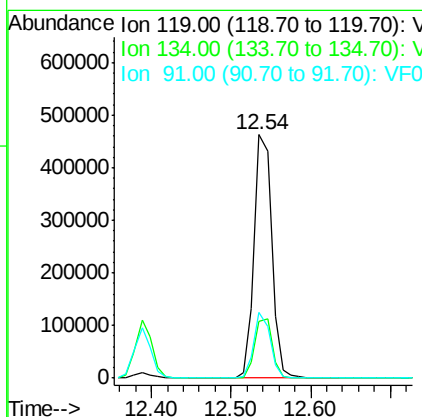
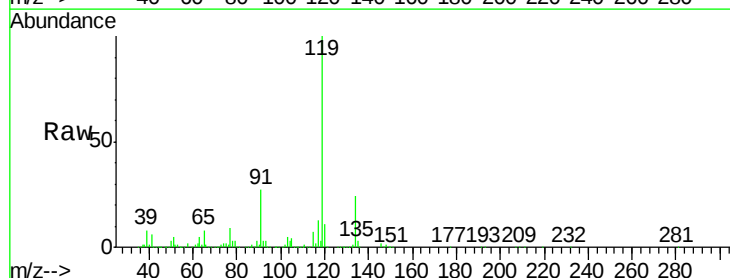
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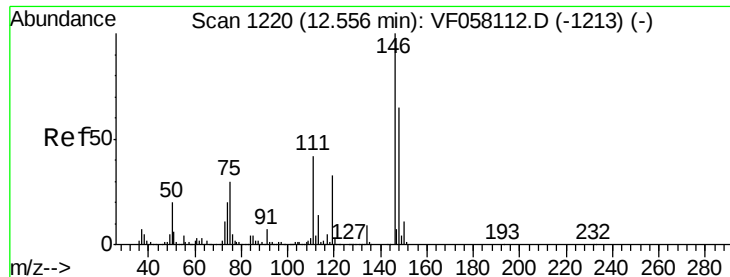
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#86
 p-Isopropyltoluene
 Concen: 50.61 ug/l
 RT: 12.54 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: VF059247.D
 Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Lower	Upper
119	100		
134	23.5	12.7	38.0
91	27.0	12.6	37.6





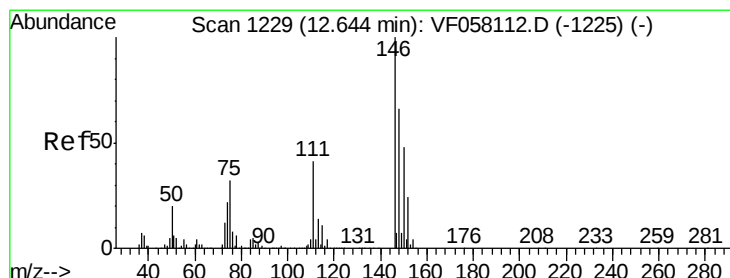
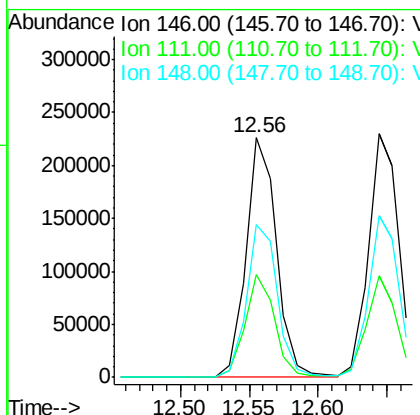
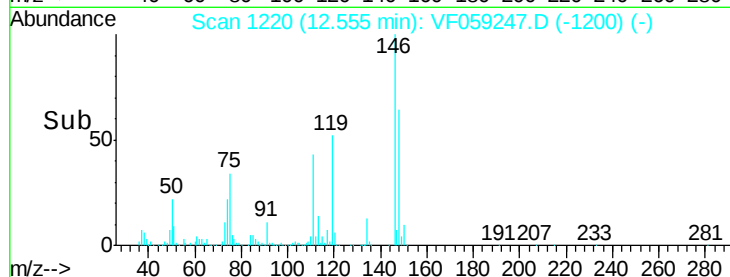
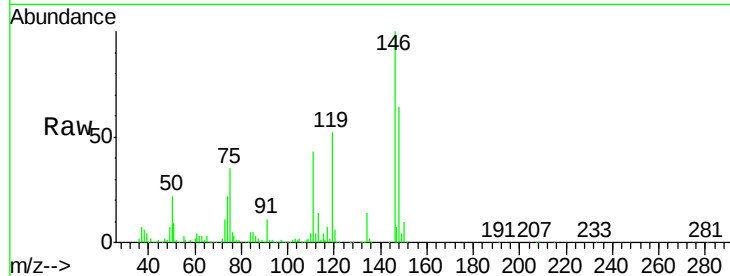
#87
 1,3-Dichlorobenzene
 Concen: 50.11 ug/l
 RT: 12.56 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: VF059247.D
 Acq: 21 Jun 2018 2:33

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.8	62.5
148	64.1	32.3	96.9

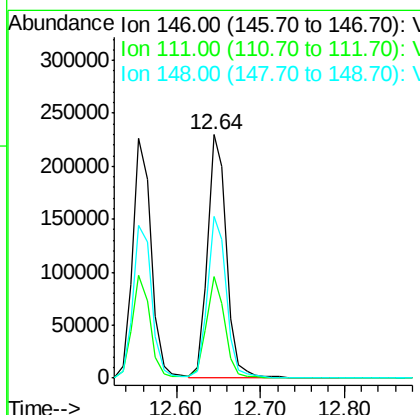
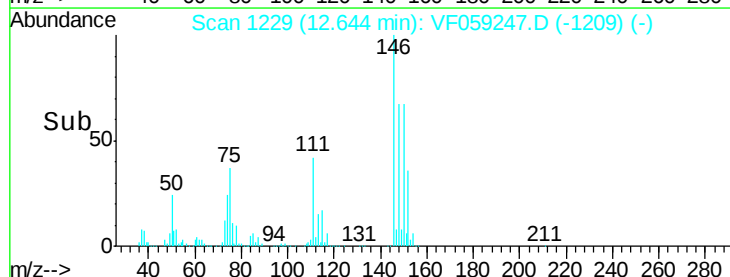
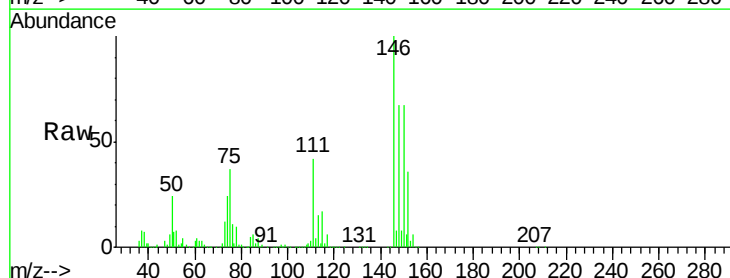
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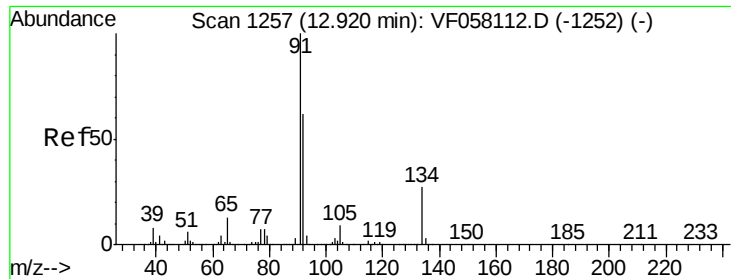
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#88
 1,4-Dichlorobenzene
 Concen: 53.26 ug/l
 RT: 12.64 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VF059247.D
 Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.4	61.2
148	66.5	33.0	99.0





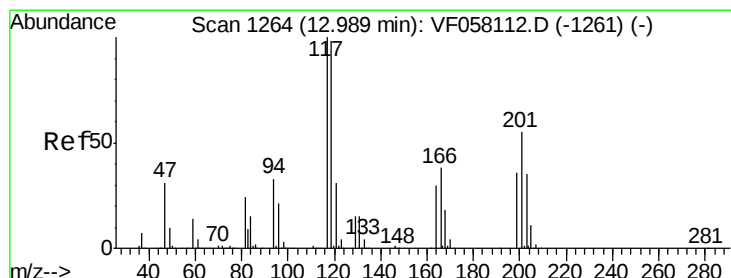
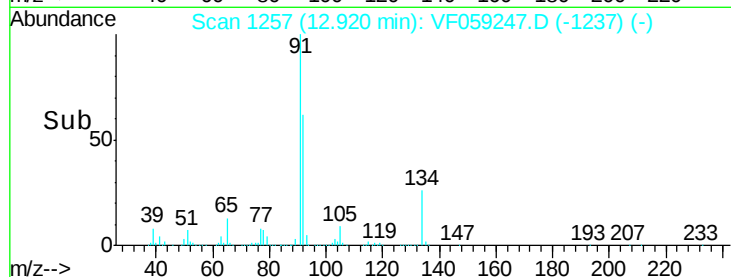
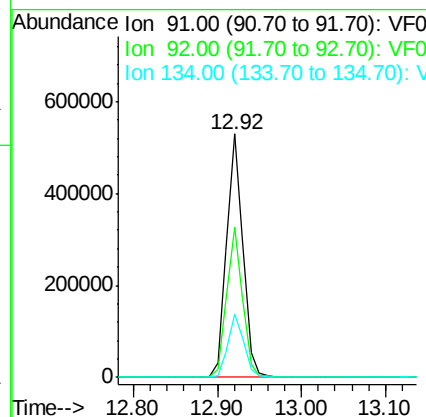
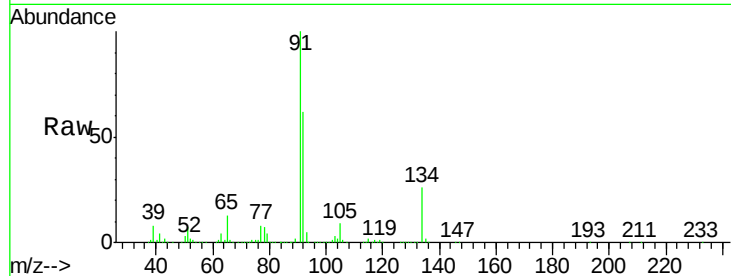
#89
n-Butylbenzene
Concen: 50.00 ug/l
RT: 12.92 min Scan# 1257
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	716211		
92	61.9	31.1	93.5	
134	26.1	13.6	40.8	

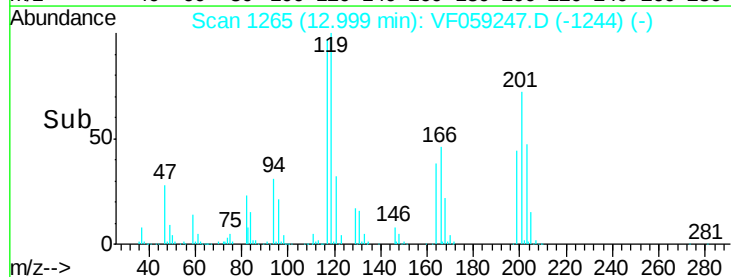
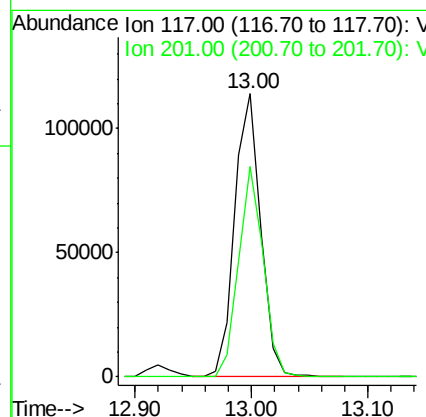
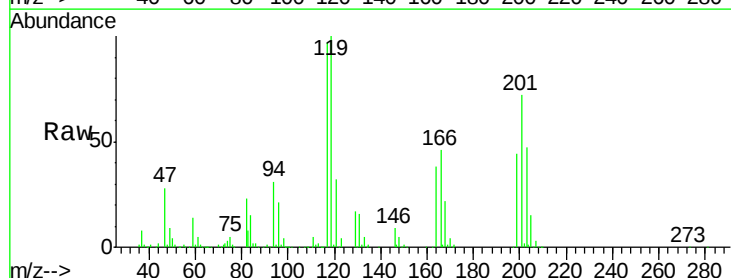
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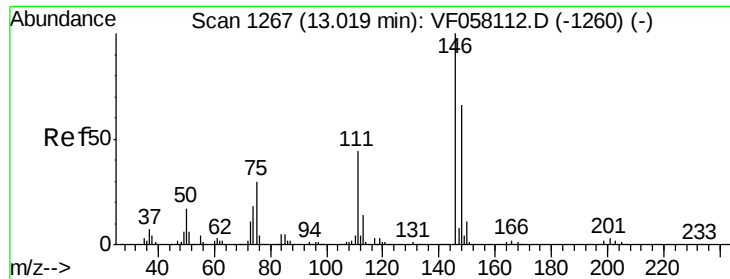
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#90
Hexachloroethane
Concen: 51.78 ug/l
RT: 13.00 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	176231		
201	74.5	27.5	82.4	





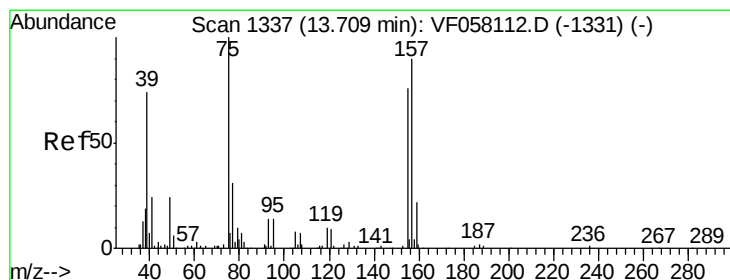
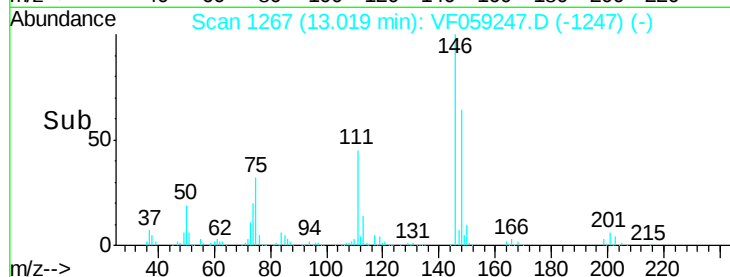
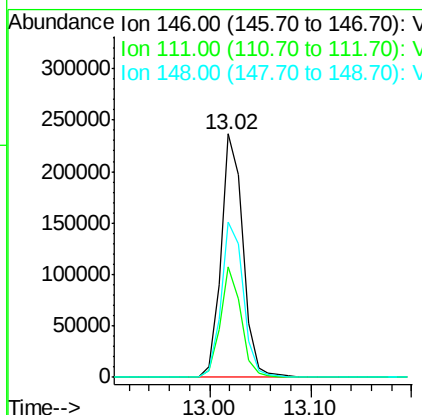
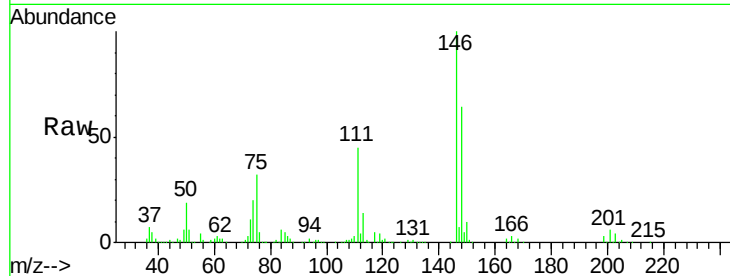
#91
 1,2-Dichlorobenzene
 Concen: 52.92 ug/l
 RT: 13.02 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VF059247.D
 Acq: 21 Jun 2018 2:33

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.0	66.0
148	63.6	33.1	99.3

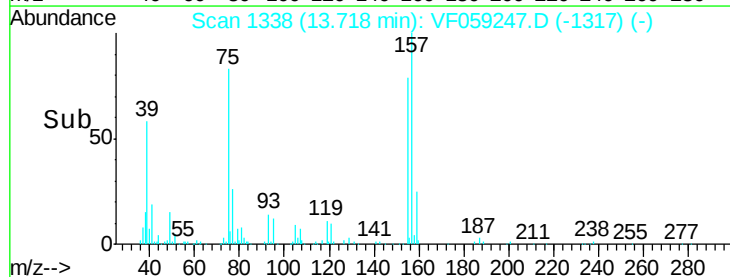
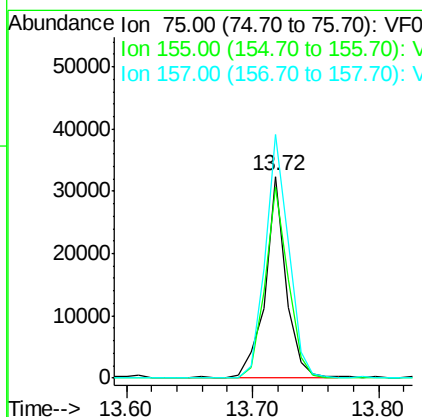
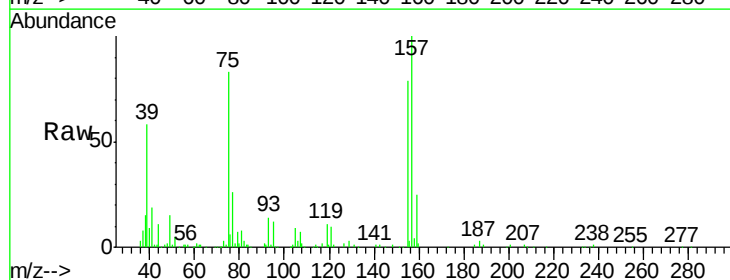
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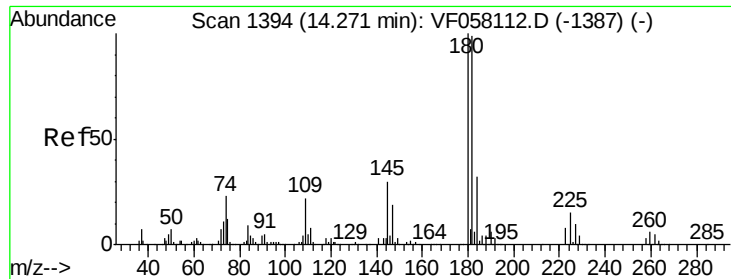
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.39 ug/l
 RT: 13.72 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: VF059247.D
 Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.8	38.0	114.0
157	120.8	45.1	135.5





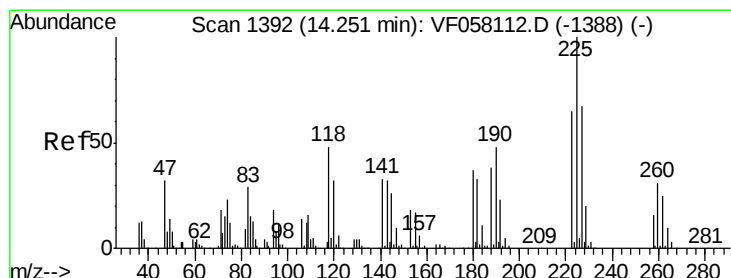
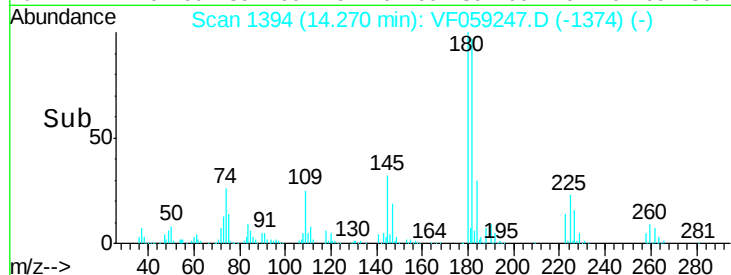
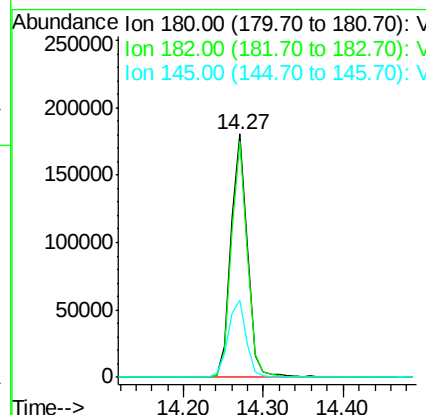
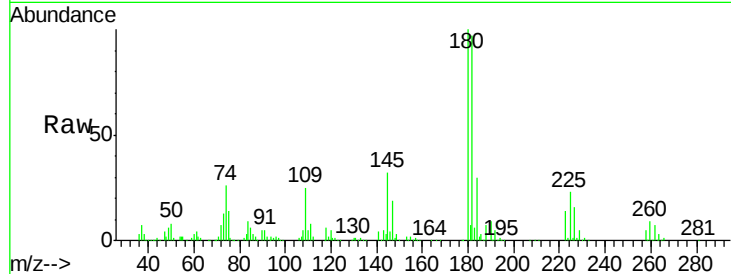
#93
 1,2,4-Trichlorobenzene
 Concen: 56.56 ug/l
 RT: 14.27 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: VF059247.D
 Acq: 21 Jun 2018 2:33

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	266836		
182	96.8	49.3	147.9	
145	31.7	14.9	44.9	

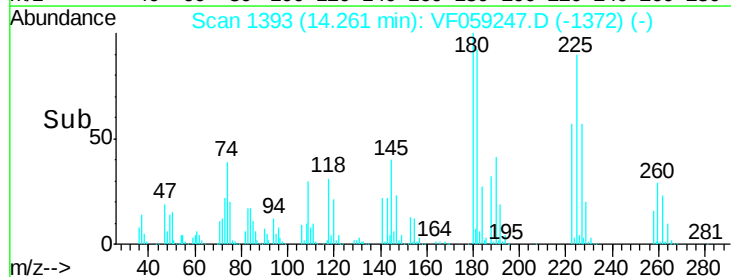
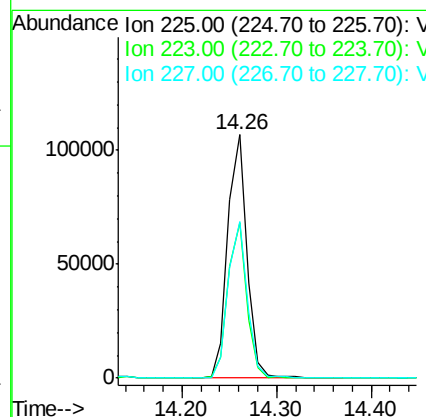
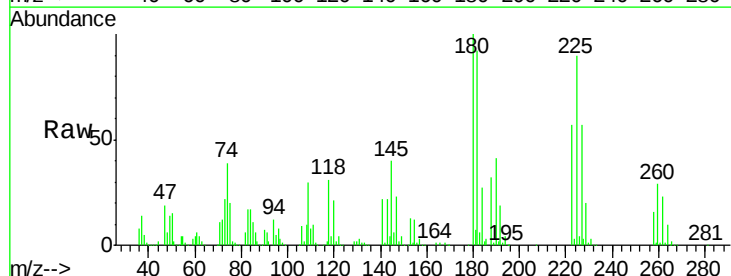
Manual Integrations
 APPROVED

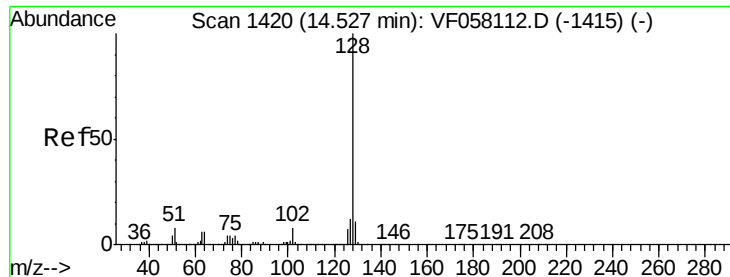
apatel
 6/21/2018 9:46:28 AM



#94
 Hexachlorobutadiene
 Concen: 55.11 ug/l
 RT: 14.26 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: VF059247.D
 Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	150465		
223	63.8	32.8	98.3	
227	64.1	33.3	99.9	





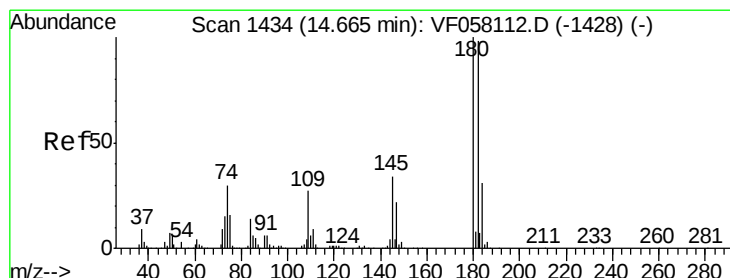
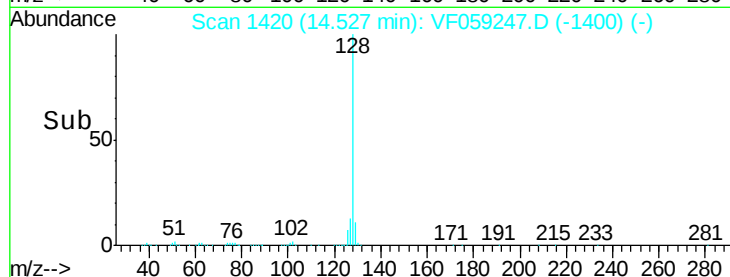
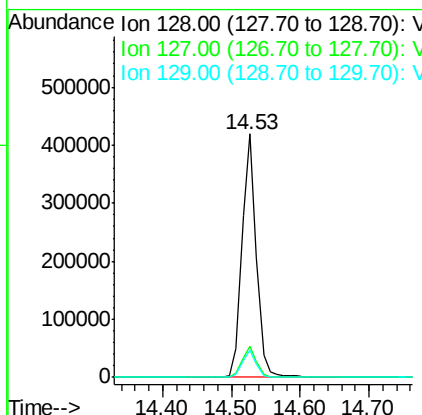
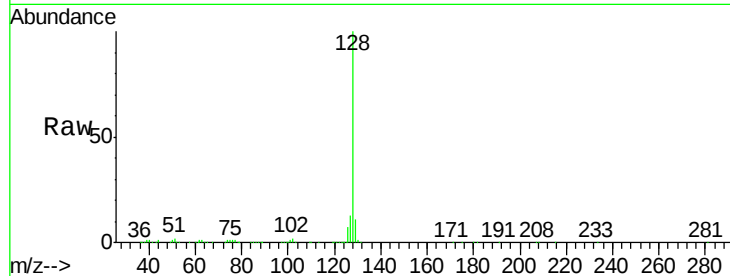
#95
Naphthalene
Concen: 59.95 ug/l
RT: 14.53 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	604102		
127	12.6		9.9	14.9
129	11.1		8.7	13.1

Manual Integrations
APPROVED

apatel
6/21/2018 9:46:28 AM



#96
1,2,3-Trichlorobenzene
Concen: 57.94 ug/l
RT: 14.67 min Scan# 1435
Delta R.T. 0.01 min
Lab File: VF059247.D
Acq: 21 Jun 2018 2:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	252630		
182	94.0		48.9	146.6
145	28.3		17.3	51.7

