

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062718\
 Data File : VF059331.D
 Acq On : 27 Jun 2018 11:10
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 6/28/2018 11:09:43 AM

Quant Time: Jun 27 16:13:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	302619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	461558	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	460363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	273640	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.00	65	168122	43.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.00%	
35) Dibromofluoromethane	4.28	113	151413	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
50) Toluene-d8	7.70	98	399295	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.50	95	212419	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.98	85	119421	43.19	ug/l	99
3) Chloromethane	1.08	50	90393	48.66	ug/l	100
4) Vinyl Chloride	1.14	62	91397	49.99	ug/l	99
5) Bromomethane	1.33	94	67978	66.90	ug/l	95
6) Chloroethane	1.42	64	49379	53.62	ug/l	95
7) Trichlorofluoromethane	1.49	101	177110m	48.99	ug/l	
8) Diethyl Ether	1.69	74	48259	52.06	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	1.89	101	105809	50.14	ug/l	97
10) Methyl Iodide	1.95	142	199314	51.79	ug/l	99
11) Tert butyl alcohol	2.66	59	58517	224.82	ug/l	94
12) 1,1-Dichloroethene	1.84	96	93375	52.34	ug/l	87
13) Acrolein	2.08	56	33723	273.53	ug/l	96
14) Allyl chloride	2.18	41	177502	53.00	ug/l	# 89
15) Acrylonitrile	3.06	53	115640	252.29	ug/l	97
16) Acetone	2.32	43	289805	298.78	ug/l	98
17) Carbon Disulfide	1.83	76	217109	51.73	ug/l	# 94
18) Methyl Acetate	2.44	43	98249	55.81	ug/l	98
19) Methyl tert-butyl Ether	2.52	73	334333	50.24	ug/l	# 92
20) Methylene Chloride	2.26	84	108471	49.38	ug/l	# 88
21) trans-1,2-Dichloroethene	2.40	96	98075	51.53	ug/l	95
22) Diisopropyl ether	2.90	45	400114	53.95	ug/l	94
23) Vinyl Acetate	3.32	43	1165490	246.76	ug/l	96
24) 1,1-Dichloroethane	2.98	63	226020	49.15	ug/l	99
25) 2-Butanone	4.49	43	335511	284.04	ug/l	95
26) 2,2-Dichloropropane	3.74	77	155924	49.16	ug/l	91
27) cis-1,2-Dichloroethene	3.61	96	151422	52.40	ug/l	85
28) Bromochloromethane	3.87	49	85304	48.15	ug/l	96
29) Tetrahydrofuran	4.24	42	143714	287.10	ug/l	97
30) Chloroform	4.02	83	318021	47.77	ug/l	97
31) Cyclohexane	3.85	56	147534	48.98	ug/l	97
32) 1,1,1-Trichloroethane	4.26	97	229509	47.11	ug/l	96
36) 1,1-Dichloropropene	4.44	75	206167	51.13	ug/l	99
37) Ethyl Acetate	4.27	43	138914	53.97	ug/l	# 80
38) Carbon Tetrachloride	4.16	117	238034	46.78	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.61	83	180443	50.50	ug/l	99
40) Benzene	4.79	78	454231	50.81	ug/l	99
41) Methacrylonitrile	4.91	41	67331	48.95	ug/l	95
42) 1,2-Dichloroethane	5.10	62	247820	47.44	ug/l	99
43) Isopropyl Acetate	7.09	43	183760	54.71	ug/l #	87
44) Trichloroethene	5.66	130	151553	49.42	ug/l	96
45) 1,2-Dichloropropane	6.38	63	128235	50.20	ug/l	99
46) Dibromomethane	6.24	93	112683	50.83	ug/l	97
47) Bromodichloromethane	6.53	83	265818	49.53	ug/l	99
48) Methyl methacrylate	6.86	41	116223	51.63	ug/l	96
49) 1,4-Dioxane	6.85	88	13779	1153.82	ug/l	92
51) 4-Methyl-2-Pentanone	8.39	43	652333	262.17	ug/l	99
52) Toluene	7.76	92	321516	48.06	ug/l	99
53) t-1,3-Dichloropropene	8.42	75	245047	50.10	ug/l	100
54) cis-1,3-Dichloropropene	7.44	75	274668	51.69	ug/l	97
55) 1,1,2-Trichloroethane	8.62	97	131879	50.77	ug/l	98
56) Ethyl methacrylate	8.74	69	173143	53.81	ug/l	98
57) 1,3-Dichloropropane	8.99	76	219812	49.35	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.76	63	57351	237.66	ug/l	100
59) 2-Hexanone	9.62	43	539273	291.29	ug/l	81
60) Dibromochloromethane	8.85	129	205921	51.35	ug/l	91
61) 1,2-Dibromoethane	9.11	107	155894	49.49	ug/l	96
64) Tetrachloroethene	8.29	164	147809	49.50	ug/l	98
65) Chlorobenzene	9.92	112	403920	47.35	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.05	131	173732	47.09	ug/l	92
67) Ethyl Benzene	10.02	91	718941	49.68	ug/l	97
68) m/p-Xylenes	10.25	106	434094	84.28	ug/l	99
69) o-Xylene	10.81	106	286281	49.69	ug/l	95
70) Styrene	10.89	104	423168	48.22	ug/l	98
71) Bromoform	10.88	173	125098	49.47	ug/l #	97
73) Isopropylbenzene	11.21	105	828425	51.97	ug/l	97
74) N-amyl acetate	11.45	43	306132	52.92	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.78	83	198069	49.20	ug/l	100
76) 1,2,3-Trichloropropane	11.87	75	151808	49.99	ug/l	96
77) Bromobenzene	11.58	156	217886	49.26	ug/l	96
78) n-propylbenzene	11.68	91	925720	48.35	ug/l	99
79) 2-Chlorotoluene	11.81	91	577346	49.36	ug/l	100
80) 1,3,5-Trimethylbenzene	11.90	105	693829	49.69	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.94	75	94994	52.55	ug/l	92
82) 4-Chlorotoluene	11.98	91	616952	49.24	ug/l	96
83) tert-Butylbenzene	12.20	119	717753	51.39	ug/l	95
84) 1,2,4-Trimethylbenzene	12.28	105	740959	50.38	ug/l	98
85) sec-Butylbenzene	12.38	105	909501	49.13	ug/l	100
86) p-Isopropyltoluene	12.53	119	800029	51.49	ug/l	99
87) 1,3-Dichlorobenzene	12.55	146	391015	53.91	ug/l	99
88) 1,4-Dichlorobenzene	12.63	146	397964	50.38	ug/l	99
89) n-Butylbenzene	12.91	91	790624	50.13	ug/l	99
90) Hexachloroethane	12.99	117	197355	50.97	ug/l	100
91) 1,2-Dichlorobenzene	13.01	146	399551	49.76	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.71	75	43544	48.79	ug/l	99

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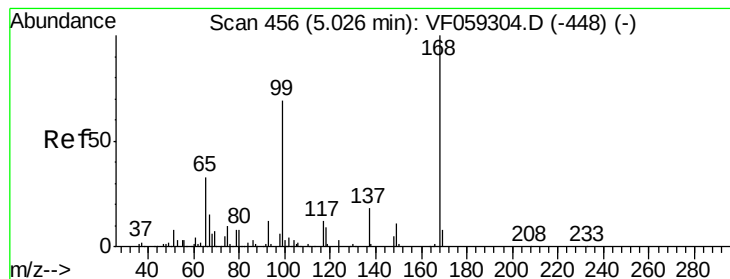
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	305126	51.39	ug/l	98
94) Hexachlorobutadiene	14.25	225	170138	51.30	ug/l	93
95) Naphthalene	14.52	128	675641	54.39	ug/l	100
96) 1,2,3-Trichlorobenzene	14.66	180	293601	52.20	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.00 min

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Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 302619

Ion Ratio Lower Upper

168 100

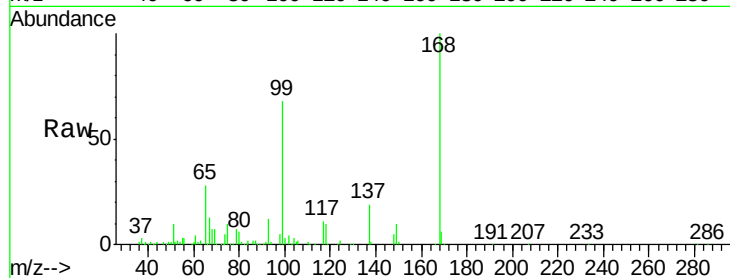
99 68.0 54.9 82.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

120000

100000

80000

60000

40000

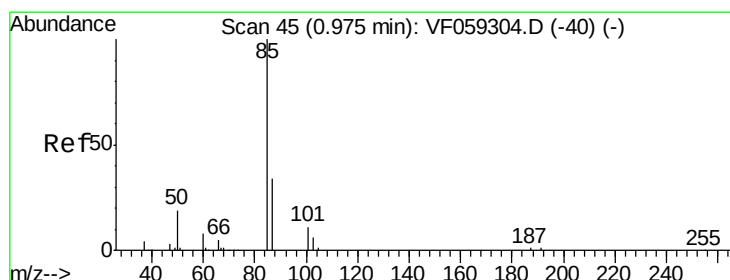
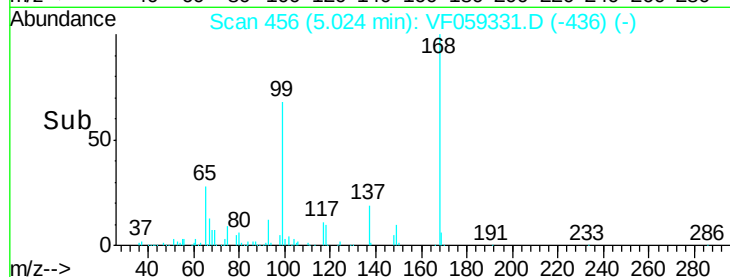
20000

0

Time-->

4.90 5.00 5.10 5.20

5.02



#2

Dichlorodifluoromethane

Concen: 43.19 ug/l

RT: 0.98 min Scan# 46

Delta R.T. 0.01 min

Lab File: VF059331.D

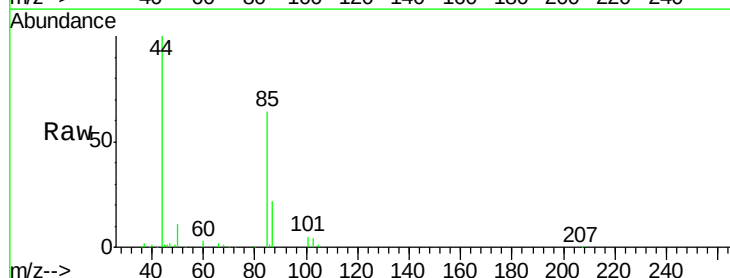
Acq: 27 Jun 2018 11:10

Tgt Ion: 85 Resp: 119421

Ion Ratio Lower Upper

85 100

87 34.7 17.1 51.3



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

40000

30000

20000

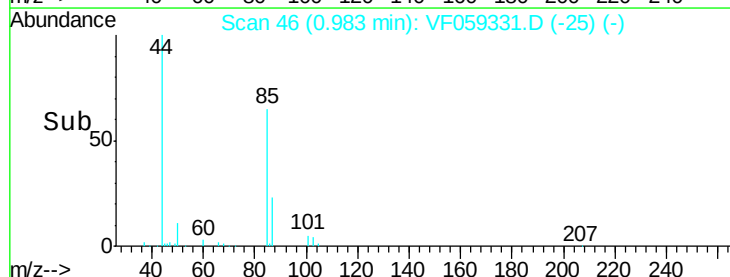
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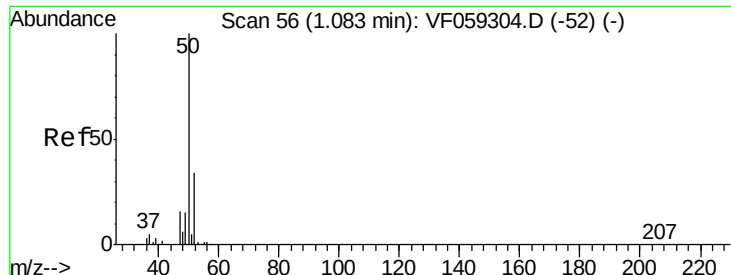
0

Time-->

0.90 1.00 1.10

0.98





#3

Chloromethane

Concen: 48.66 ug/l

RT: 1.08 min Scan# 56

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 90393

Ion Ratio Lower Upper

50 100

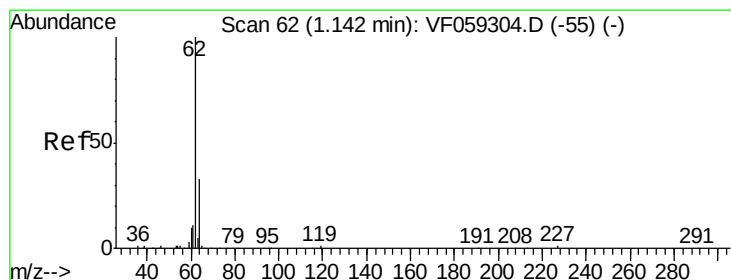
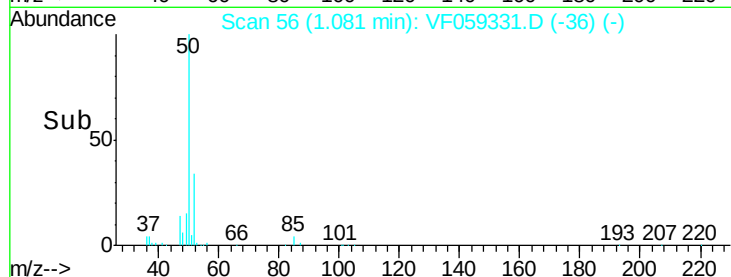
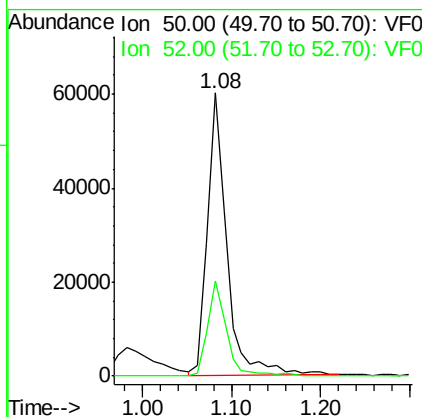
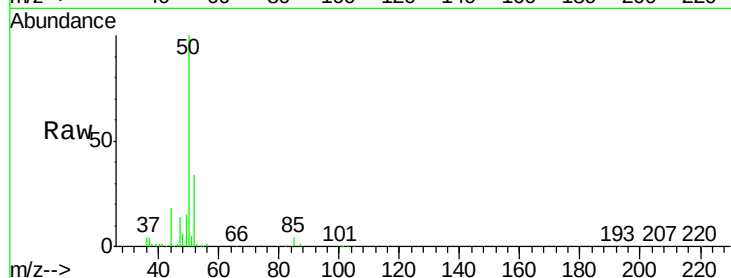
52 33.6 26.7 40.1

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#4

Vinyl Chloride

Concen: 49.99 ug/l

RT: 1.14 min Scan# 62

Delta R.T. -0.00 min

Lab File: VF059331.D

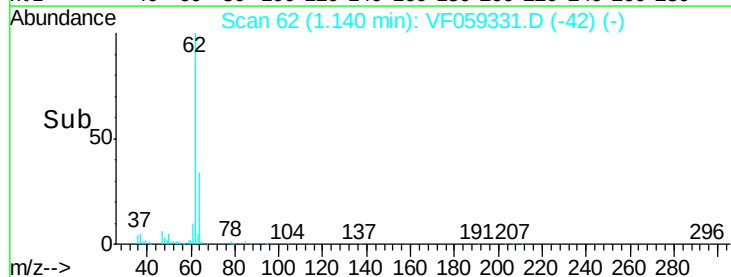
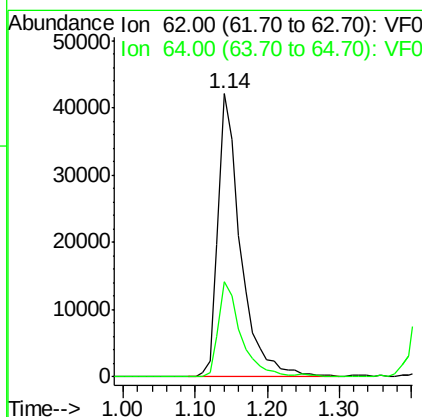
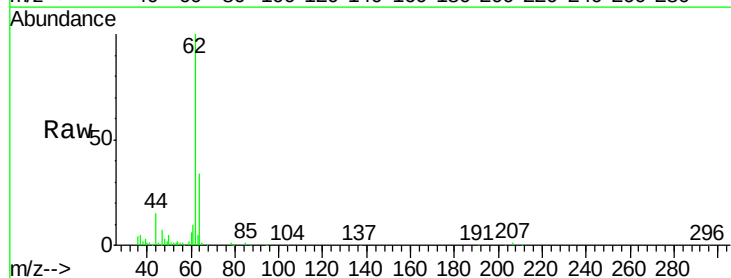
Acq: 27 Jun 2018 11:10

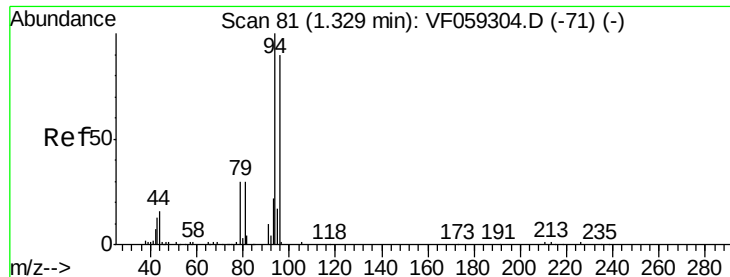
Tgt Ion: 62 Resp: 91397

Ion Ratio Lower Upper

62 100

64 33.5 26.3 39.5





#5

Bromomethane

Concen: 66.90 ug/l

RT: 1.33 min Scan# 81

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 67978

Ion Ratio Lower Upper

94 100

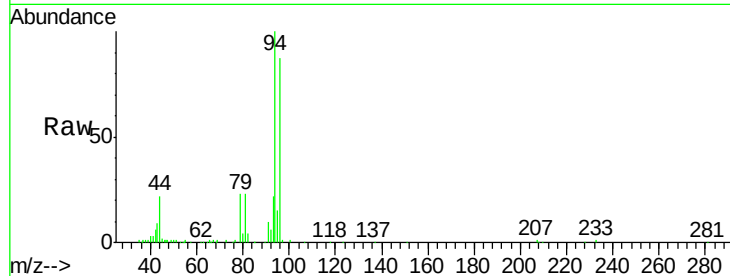
96 86.8 73.4 110.0

Manual Integrations

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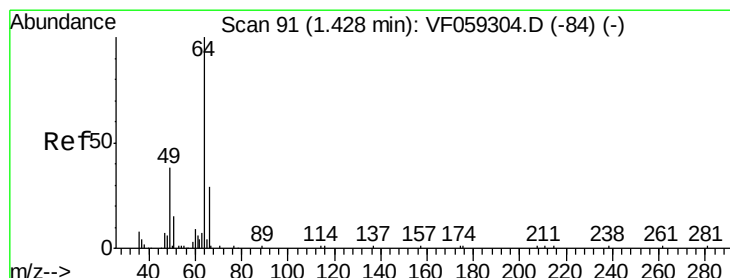
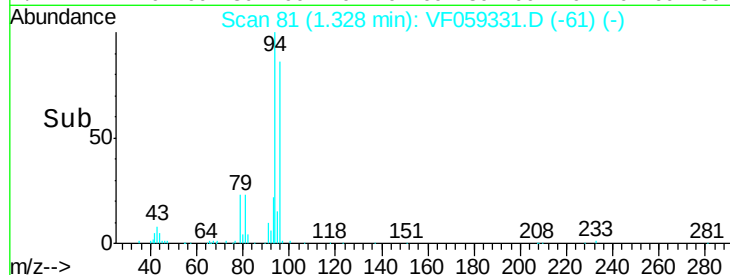
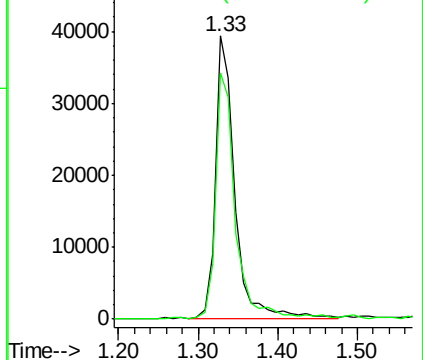
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Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 53.62 ug/l

RT: 1.42 min Scan# 90

Delta R.T. -0.01 min

Lab File: VF059331.D

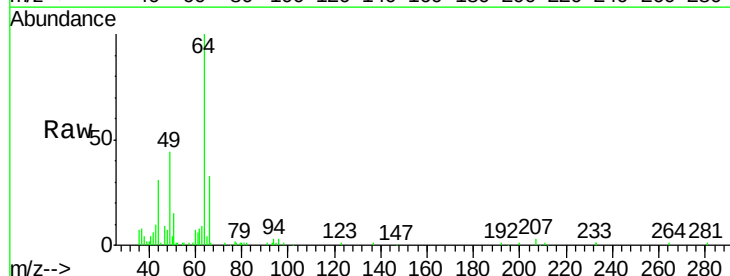
Acq: 27 Jun 2018 11:10

Tgt Ion: 64 Resp: 49379

Ion Ratio Lower Upper

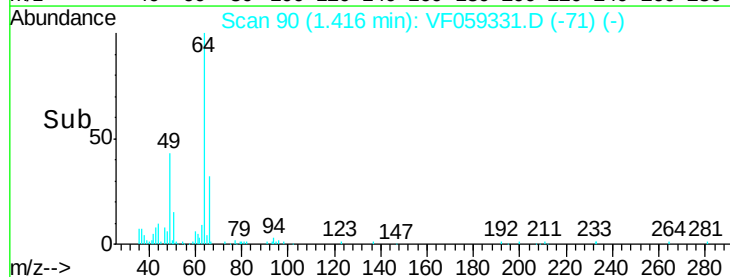
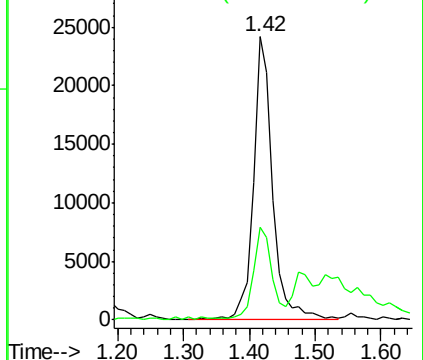
64 100

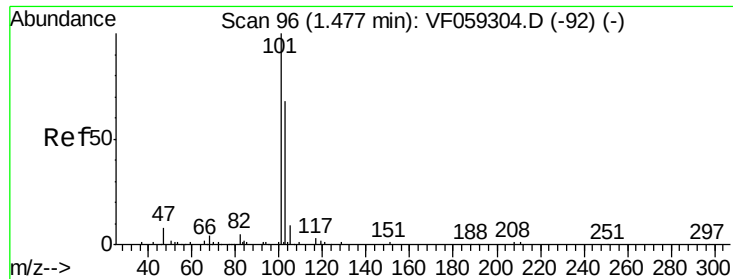
66 32.8 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0





#7

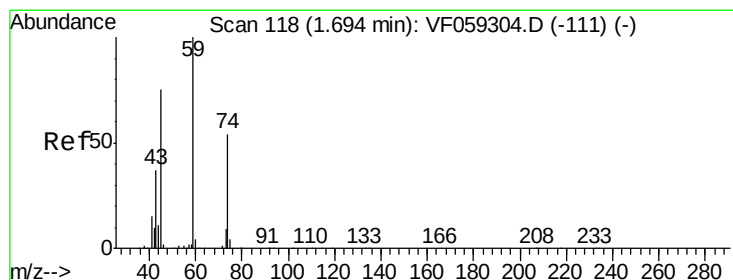
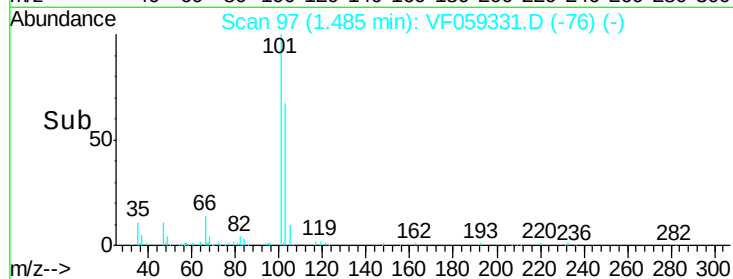
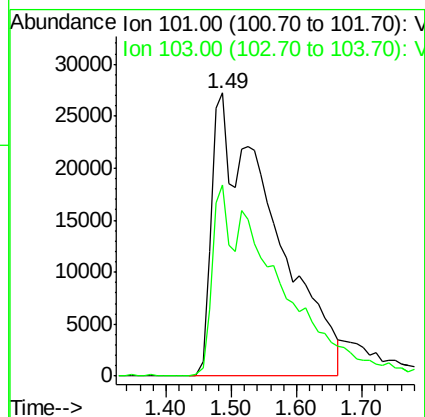
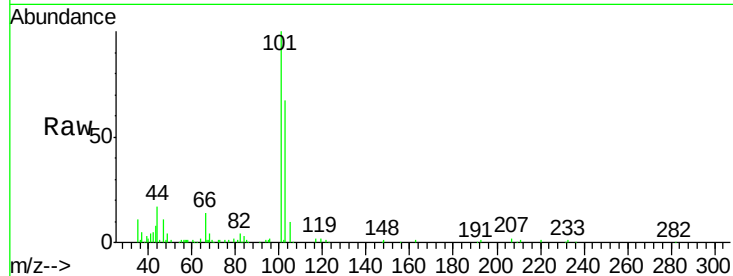
Trichlorofluoromethane
Concen: 48.99 ug/l m
RT: 1.49 min Scan# 97
Delta R.T. 0.01 min
Lab File: VF059331.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.4	54.2	81.2

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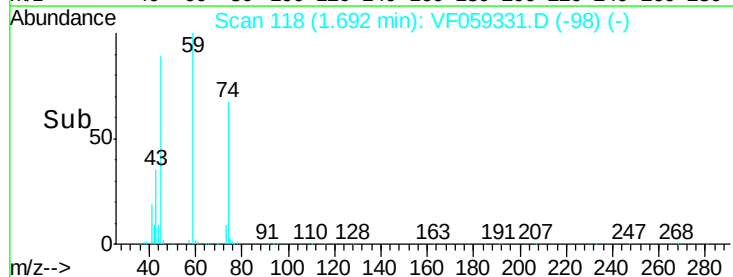
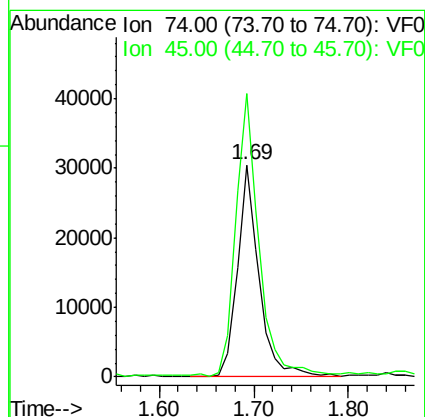
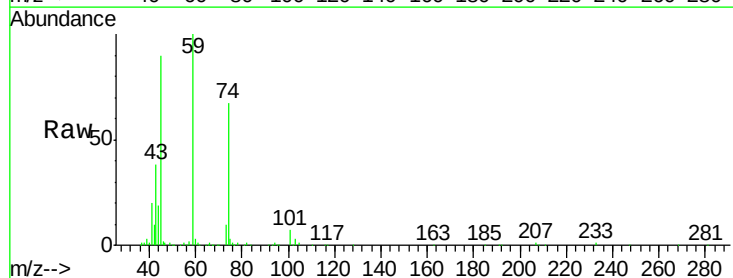
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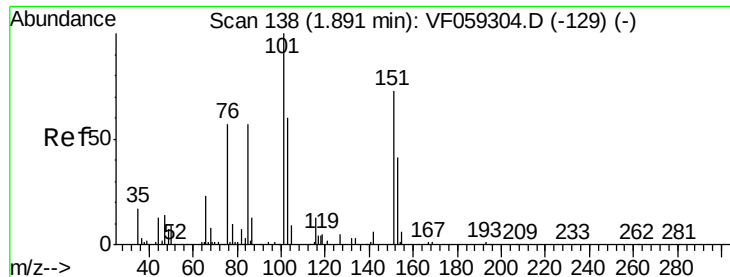


#8

Diethyl Ether
Concen: 52.06 ug/l
RT: 1.69 min Scan# 118
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	133.7	70.0	210.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.14 ug/l

RT: 1.89 min Scan# 138

Delta R.T. -0.00 min

Lab File: VF059331.D

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Instrument :

MSVOA_F

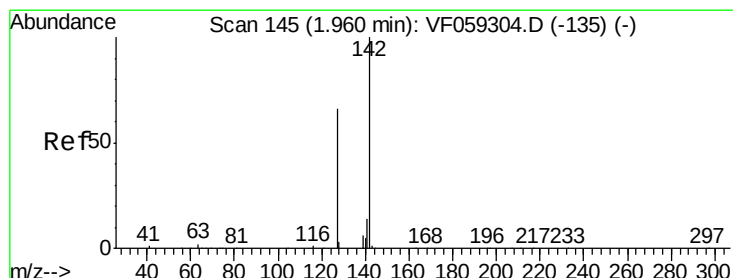
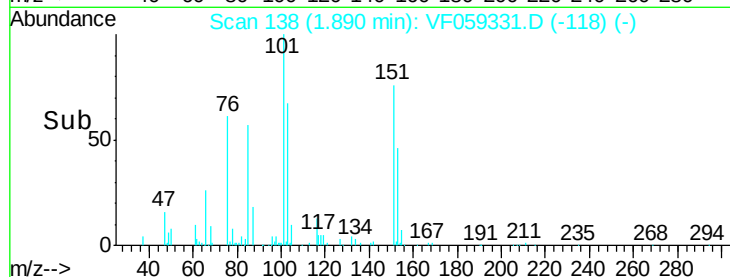
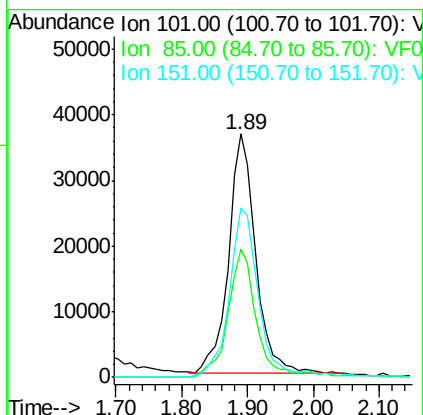
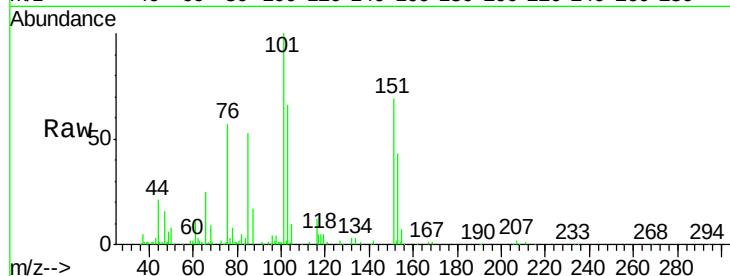
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	105809
Ion Ratio	Lower	Upper	
101	100		
85	52.6	44.5	66.7
151	69.4	56.8	85.2

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#10

Methyl Iodide

Concen: 51.79 ug/l

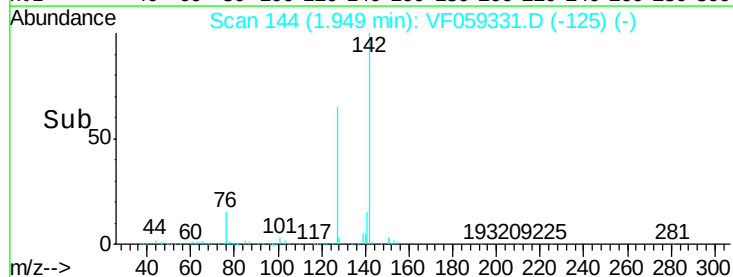
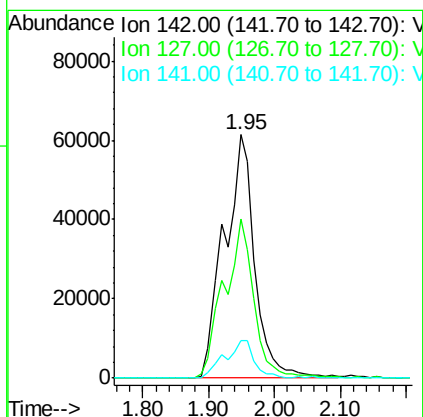
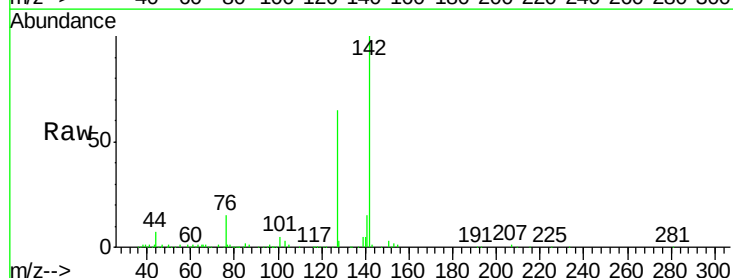
RT: 1.95 min Scan# 144

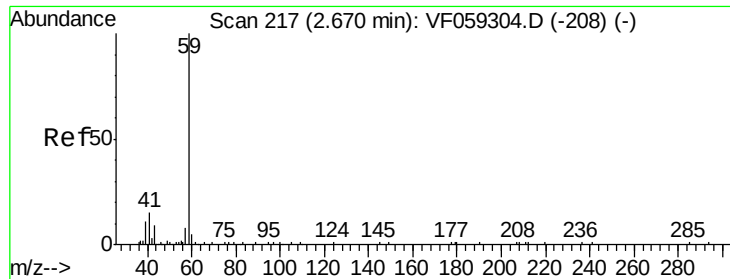
Delta R.T. -0.01 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Tgt Ion:	142	Resp:	199314
Ion Ratio	Lower	Upper	
142	100		
127	65.2	52.5	78.7
141	15.4	11.5	17.3





#11

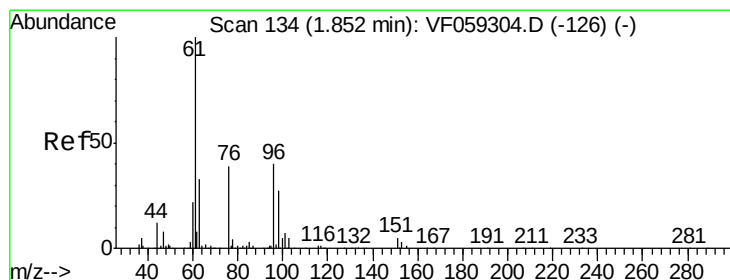
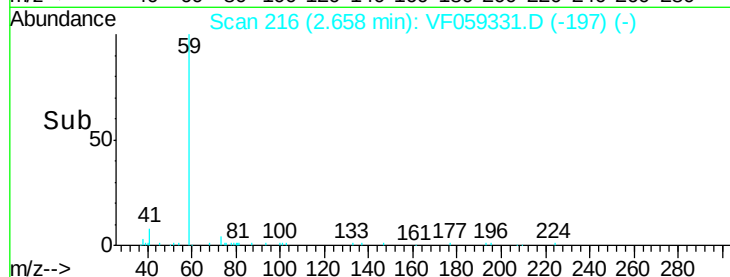
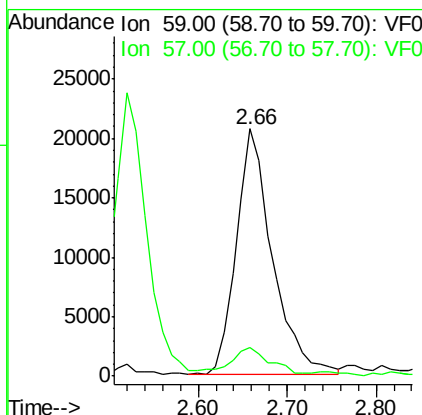
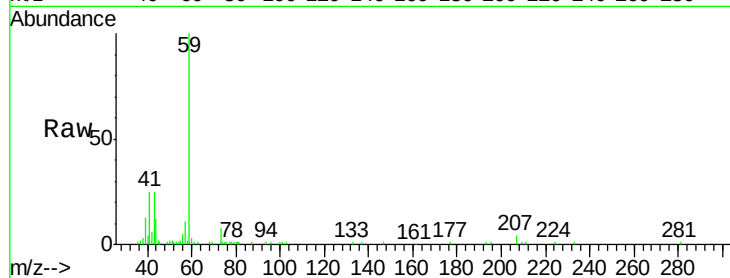
Tert butyl alcohol
Concen: 224.82 ug/l
RT: 2.66 min Scan# 216
Delta R.T. -0.01 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.4	11.0	16.4

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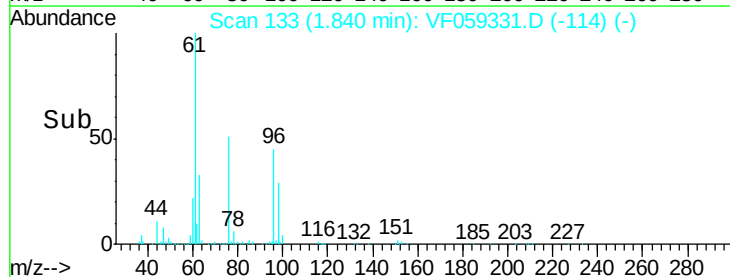
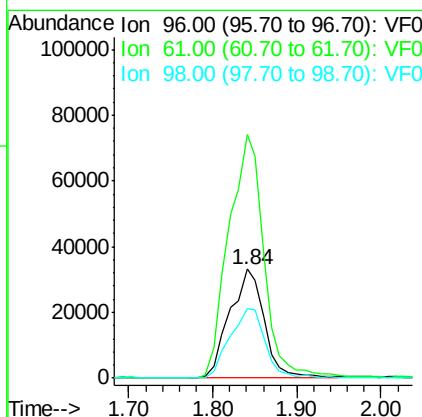
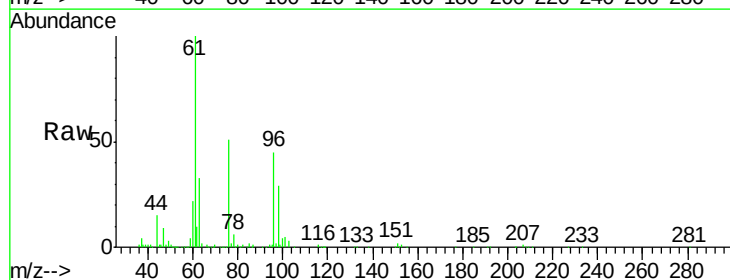
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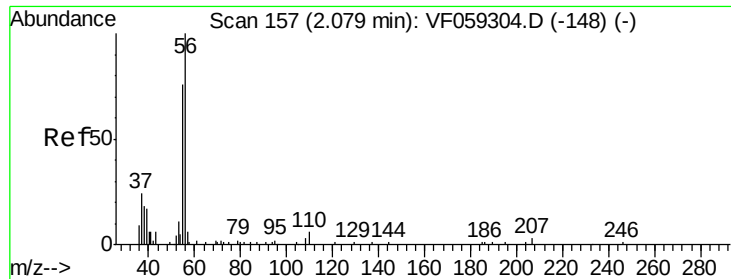


#12

1,1-Dichloroethene
Concen: 52.34 ug/l
RT: 1.84 min Scan# 133
Delta R.T. -0.01 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	224.2	201.1	301.7
98	64.0	53.9	80.9





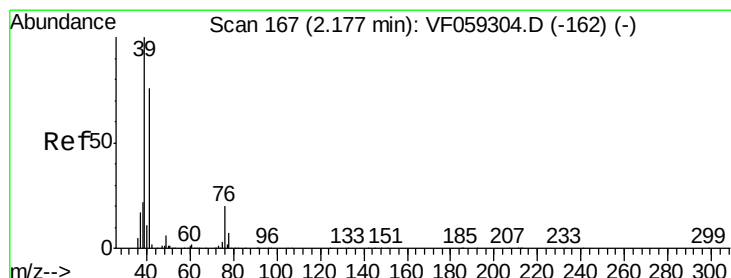
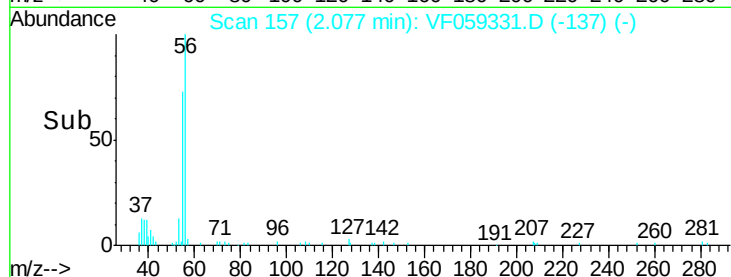
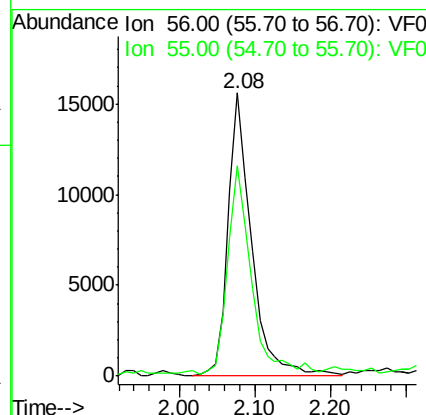
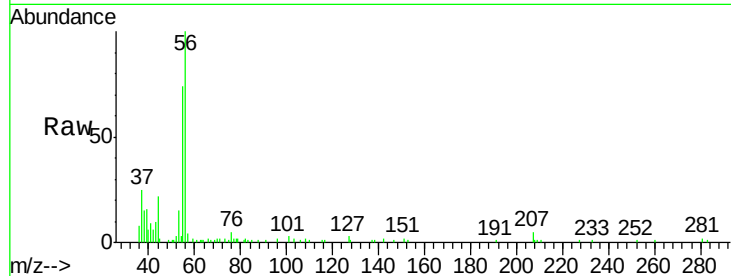
#13
Acrolein
Concen: 273.53 ug/l
RT: 2.08 min Scan# 157
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	33723
Ion Ratio	100	Lower	Upper
55	74.4	62.4	93.6

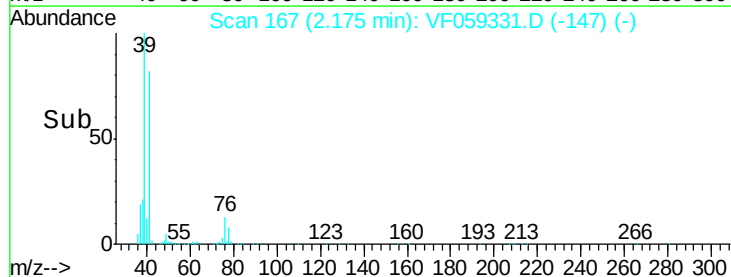
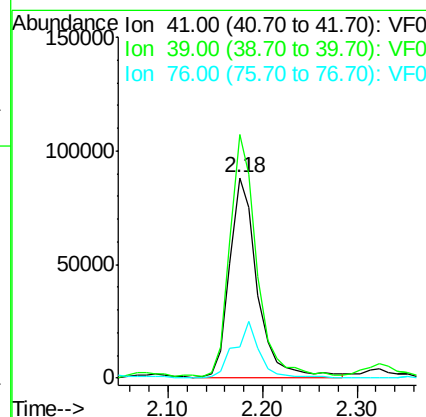
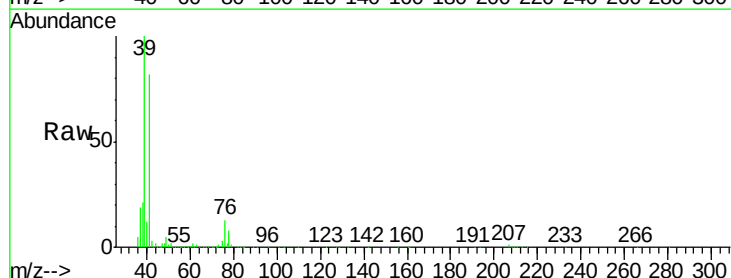
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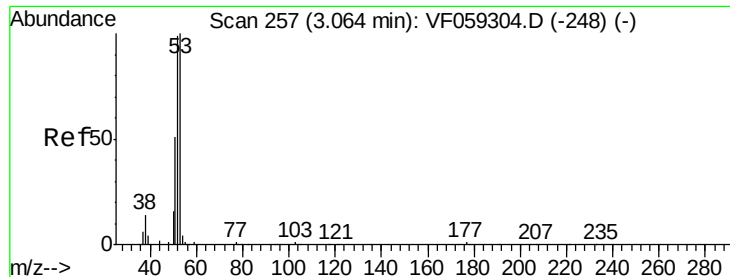
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#14
Allyl chloride
Concen: 53.00 ug/l
RT: 2.18 min Scan# 167
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Tgt Ion	41	Resp	177502
Ion Ratio	100	Lower	Upper
39	121.5	105.6	158.4
76	15.6	21.6	32.4#





#15

Acrylonitrile

Concen: 252.29 ug/l

RT: 3.06 min Scan# 257

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

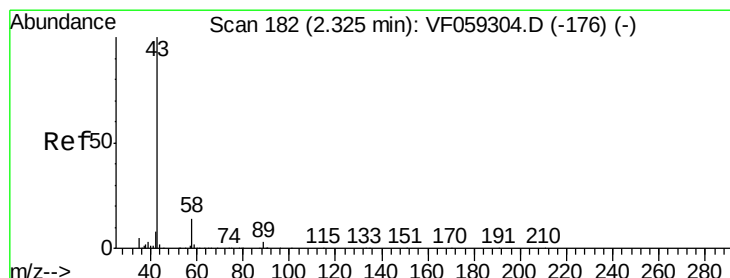
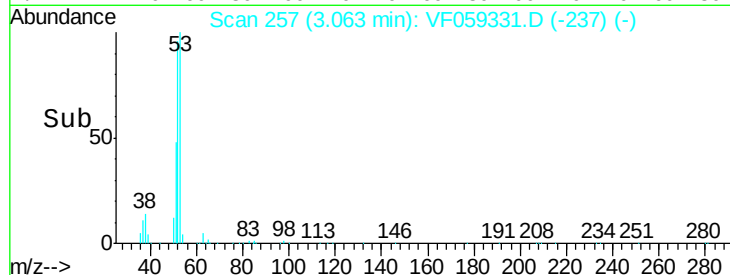
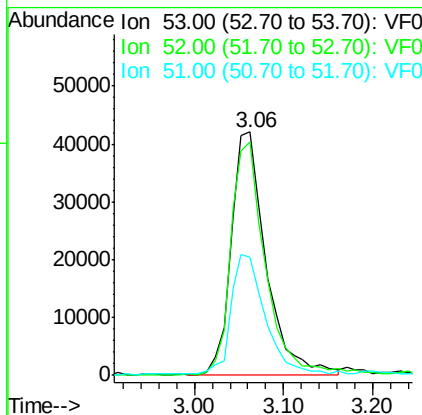
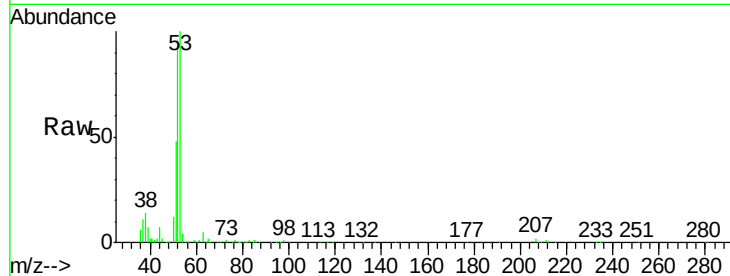
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	115640
Ion	Ratio	Lower	Upper
53	100		
52	95.9	79.2	118.8
51	48.5	40.9	61.3

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#16

Acetone

Concen: 298.78 ug/l

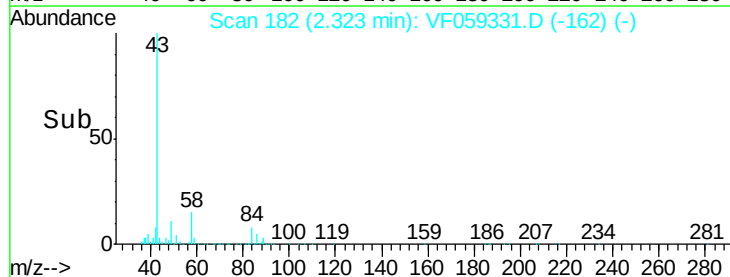
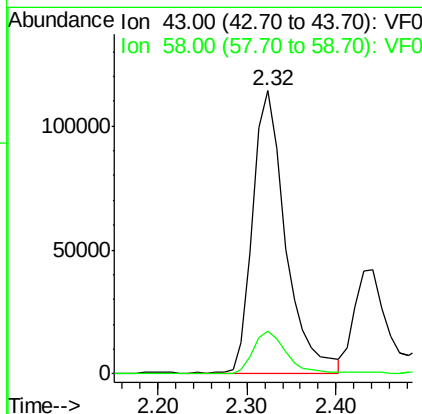
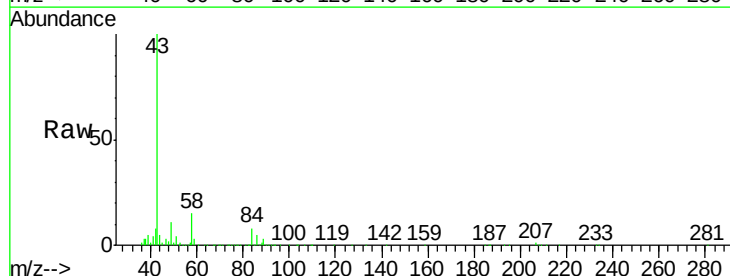
RT: 2.32 min Scan# 182

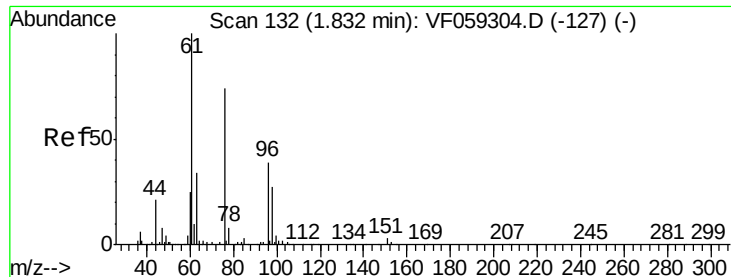
Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Tgt Ion:	43	Resp:	289805
Ion	Ratio	Lower	Upper
43	100		
58	15.0	11.4	17.0





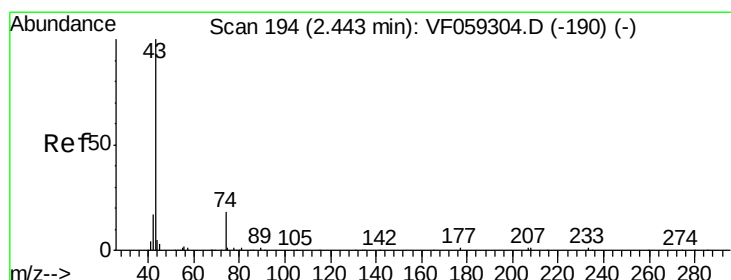
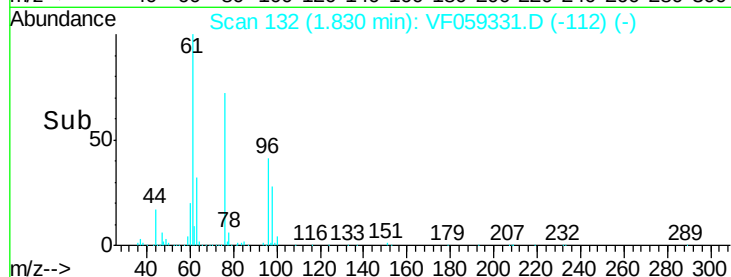
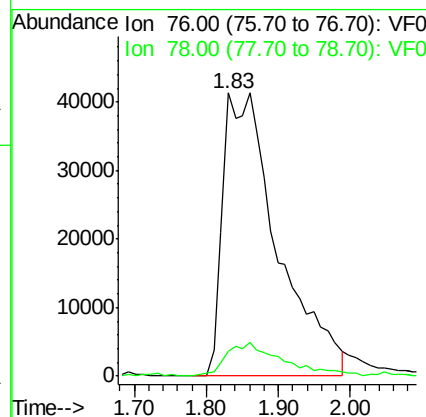
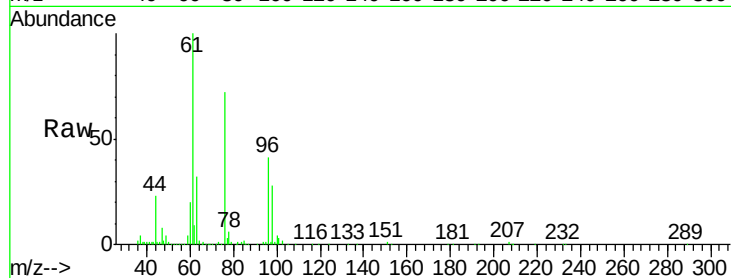
#17
Carbon Disulfide
Concen: 51.73 ug/l
RT: 1.83 min Scan# 132
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	8.9	13.3#

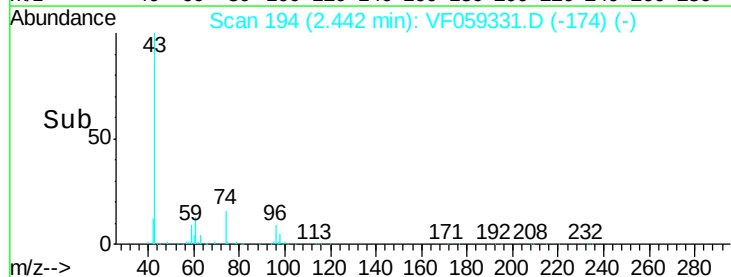
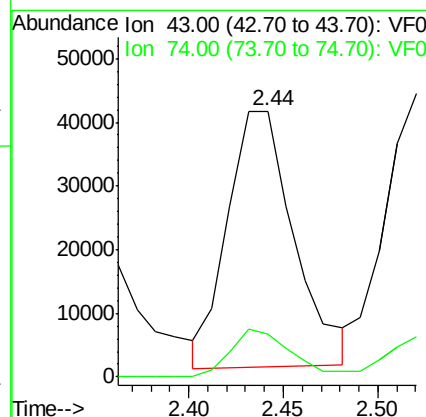
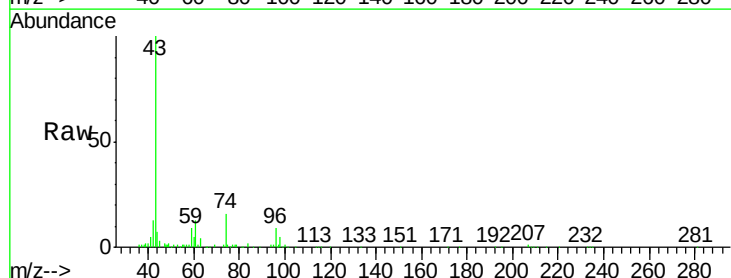
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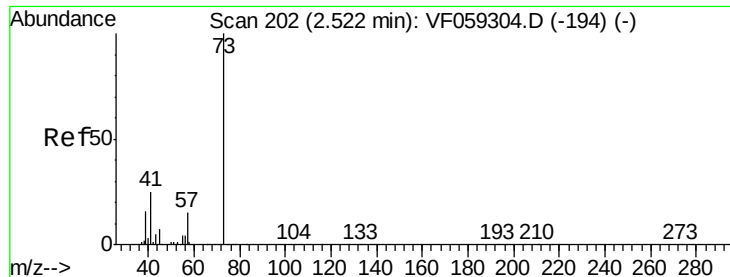
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#18
Methyl Acetate
Concen: 55.81 ug/l
RT: 2.44 min Scan# 194
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	16.0	13.3	19.9





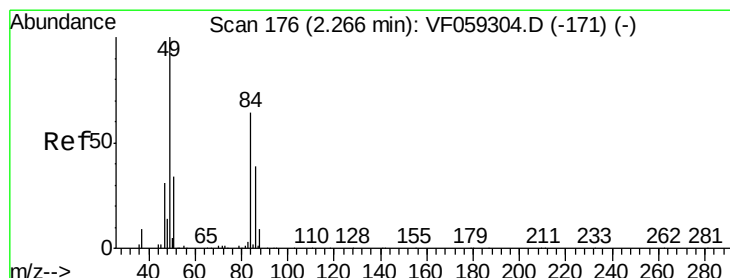
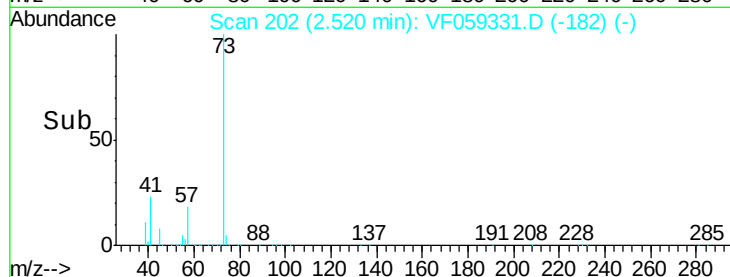
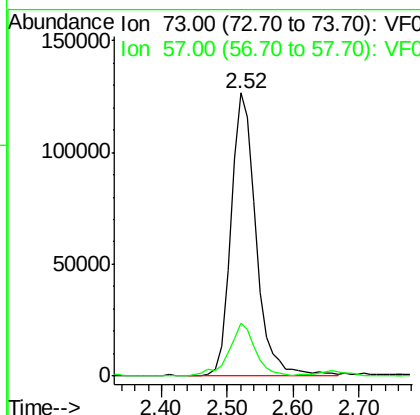
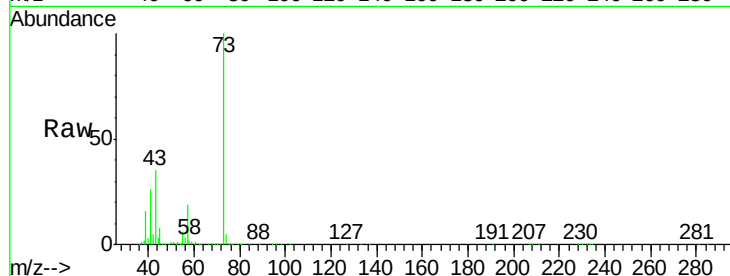
#19
Methyl tert-butyl Ether
Concen: 50.24 ug/l
RT: 2.52 min Scan# 202
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Instrument :
MSVOA_F
ClientSampleID :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	18.8	12.3	18.5#

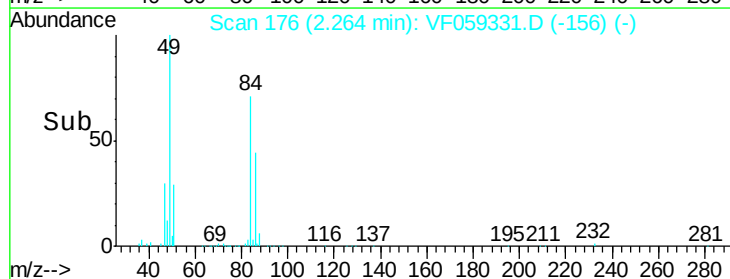
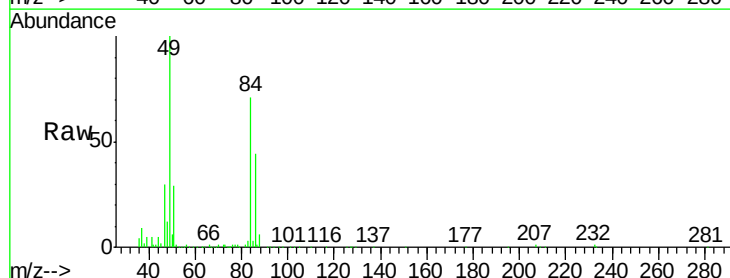
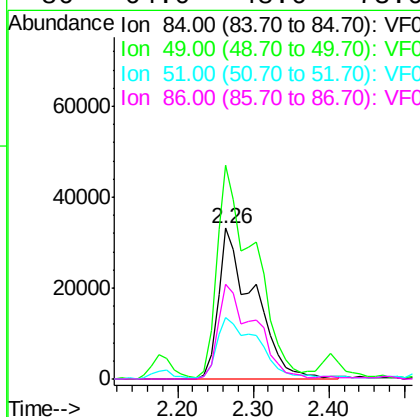
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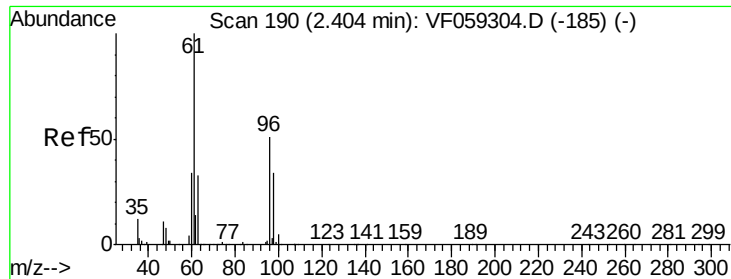
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#20
Methylene Chloride
Concen: 49.38 ug/l
RT: 2.26 min Scan# 176
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	141.8	126.5	189.7
51	41.2	42.9	64.3#
86	64.0	48.6	73.0





#21

trans-1,2-Dichloroethene

Concen: 51.53 ug/l

RT: 2.40 min Scan# 190

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

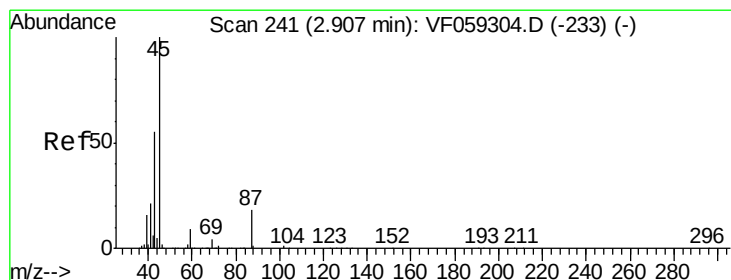
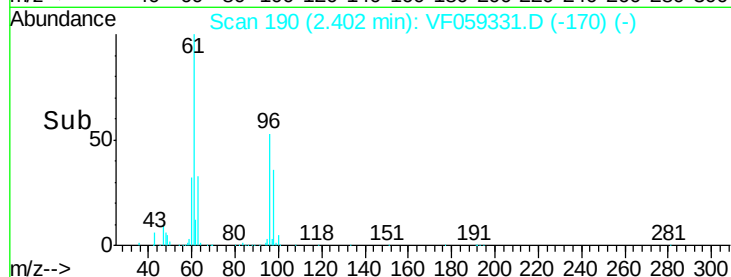
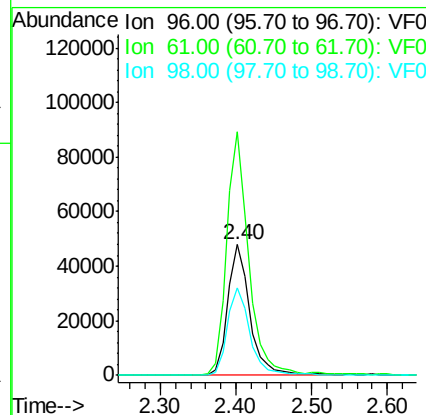
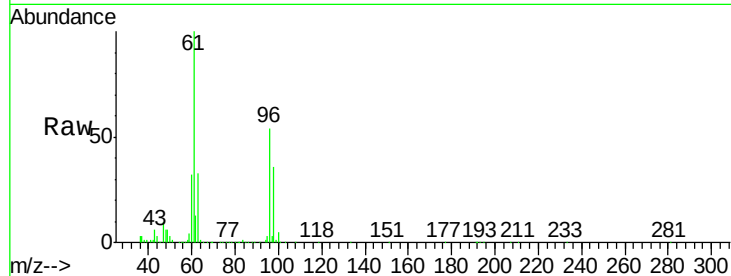
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	98075
Ion	Ratio	Lower	Upper
96	100		
61	186.4	157.4	236.2
98	66.5	53.7	80.5

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#22

Diisopropyl ether

Concen: 53.95 ug/l

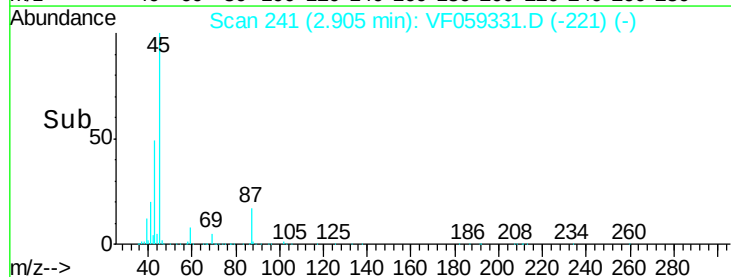
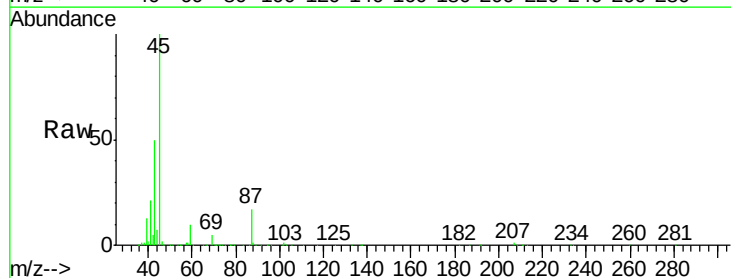
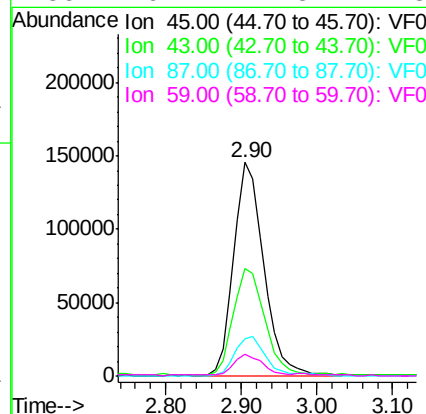
RT: 2.90 min Scan# 241

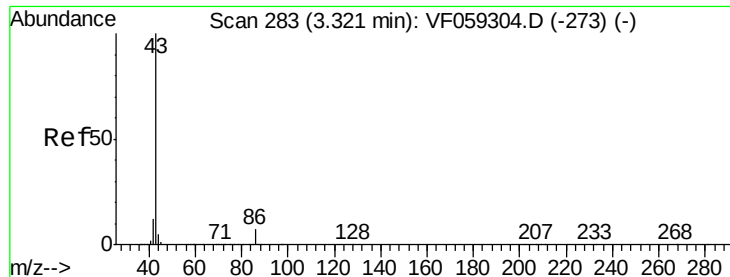
Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Tgt Ion:	45	Resp:	400114
Ion	Ratio	Lower	Upper
45	100		
43	50.2	44.6	66.8
87	17.1	14.3	21.5
59	10.4	7.5	11.3





#23

Vinyl Acetate

Concen: 246.76 ug/l

RT: 3.32 min Scan# 283

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1165490

Ion Ratio Lower Upper

43 100

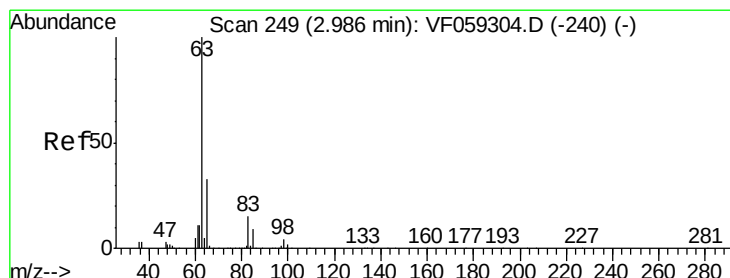
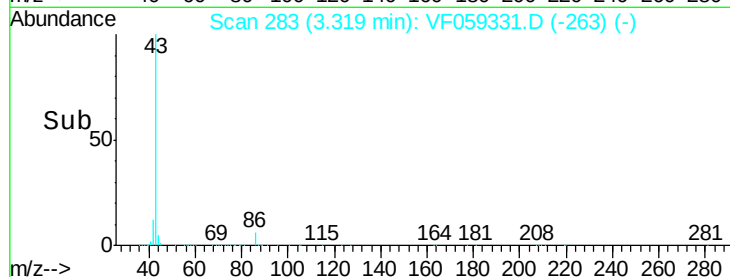
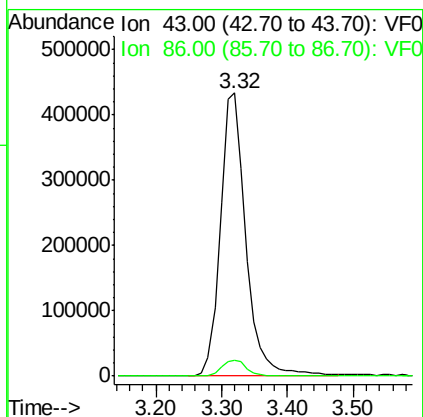
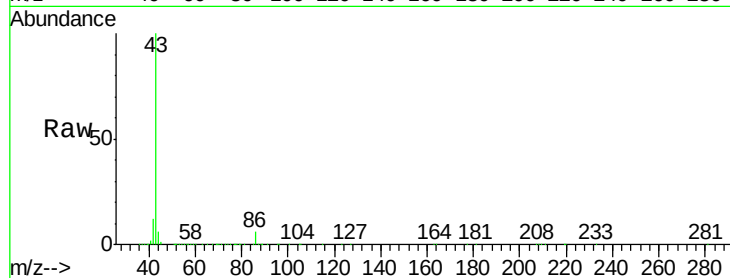
86 5.8 5.8 8.6

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#24

1,1-Dichloroethane

Concen: 49.15 ug/l

RT: 2.98 min Scan# 249

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

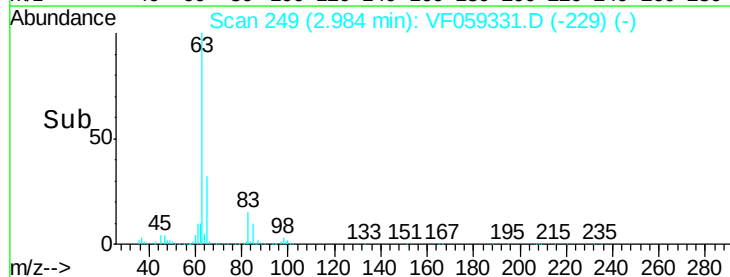
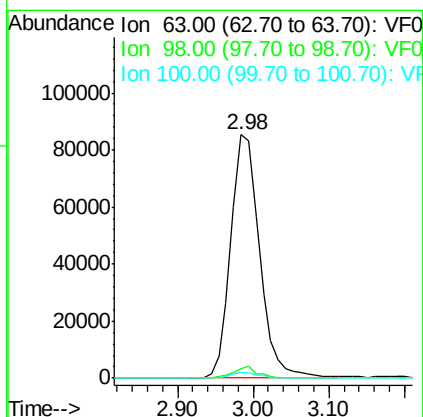
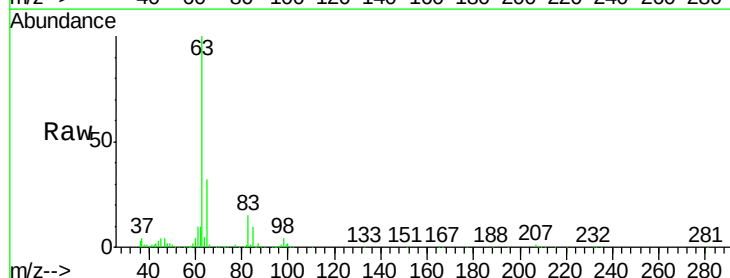
Tgt Ion: 63 Resp: 226020

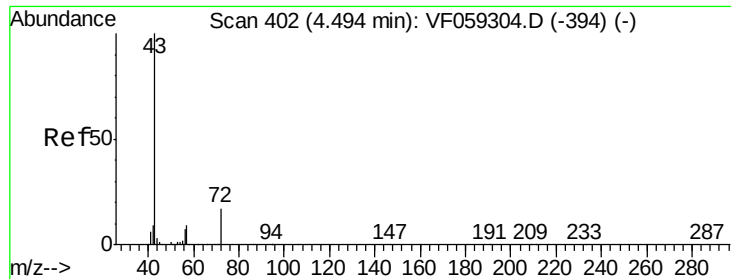
Ion Ratio Lower Upper

63 100

98 3.6 2.0 6.0

100 2.1 1.3 3.9





#25

2-Butanone

Concen: 284.04 ug/l

RT: 4.49 min Scan# 402

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Tot Ion: 43 Resp: 33511

Ion Ratio Lower Upper

43 100

72 20.1 14.4 21.6

Instrument :

MSVOA_F

ClientSampleId :

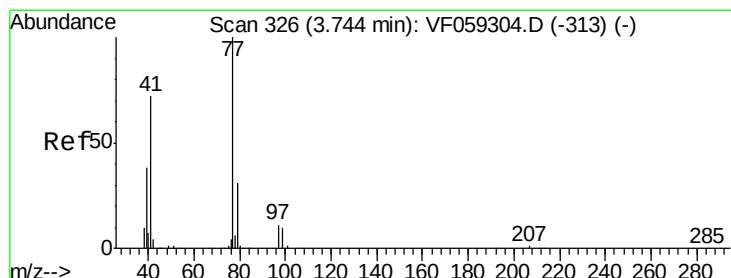
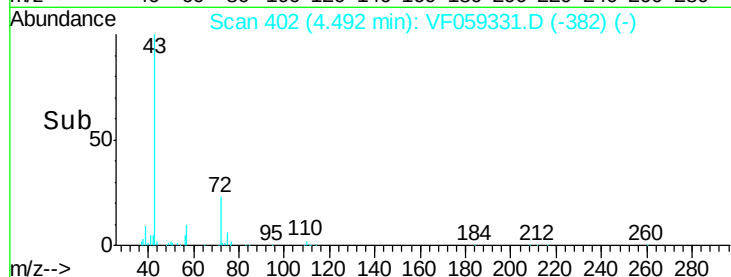
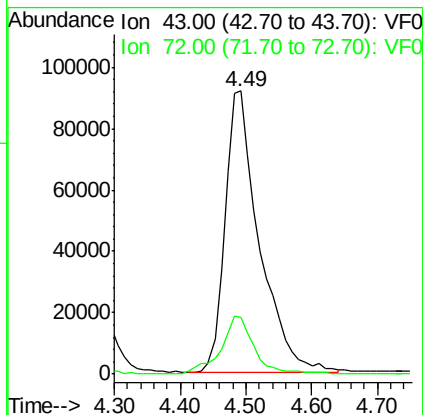
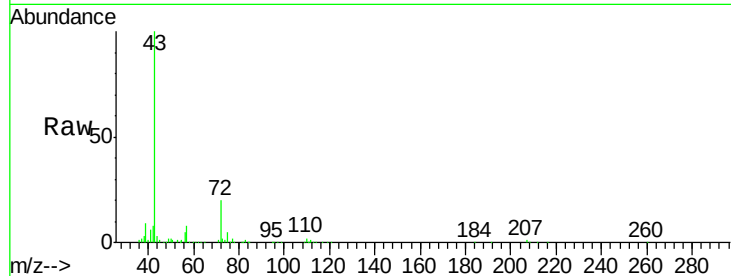
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 49.16 ug/l

RT: 3.74 min Scan# 326

Delta R.T. -0.00 min

Lab File: VF059331.D

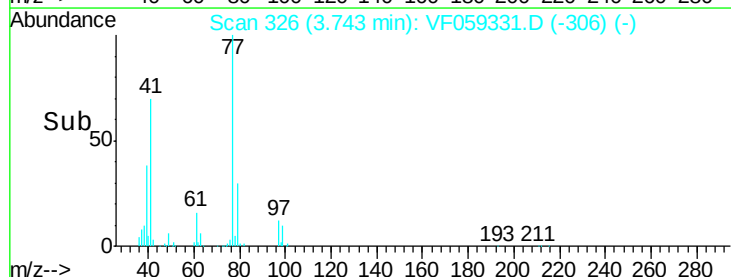
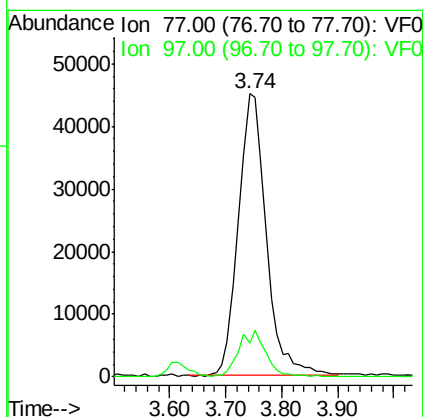
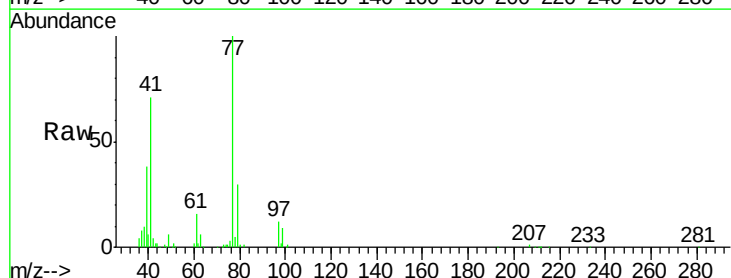
Acq: 27 Jun 2018 11:10

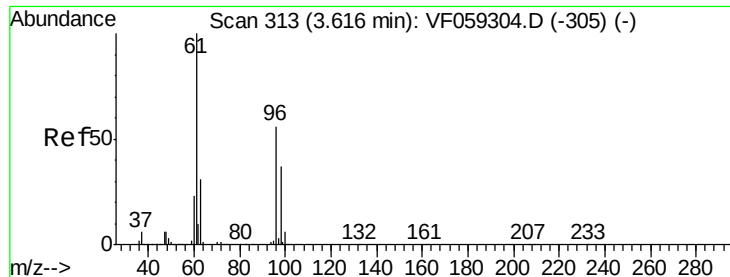
Tgt Ion: 77 Resp: 155924

Ion Ratio Lower Upper

77 100

97 12.0 8.0 23.8





#27

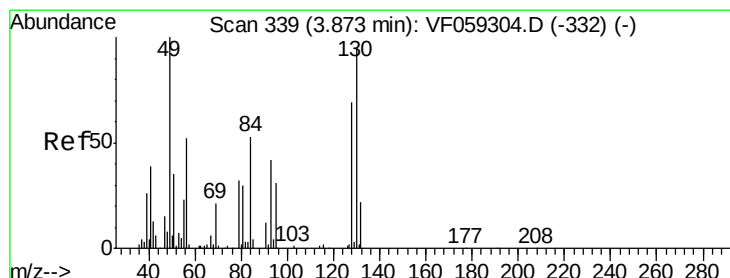
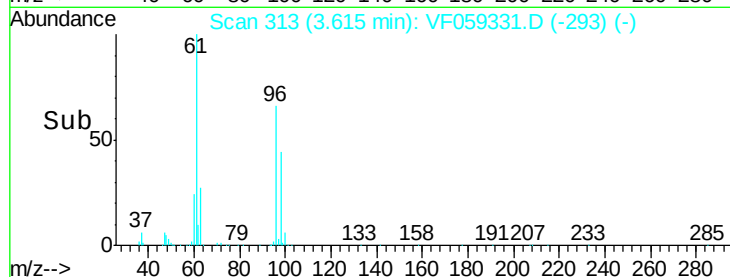
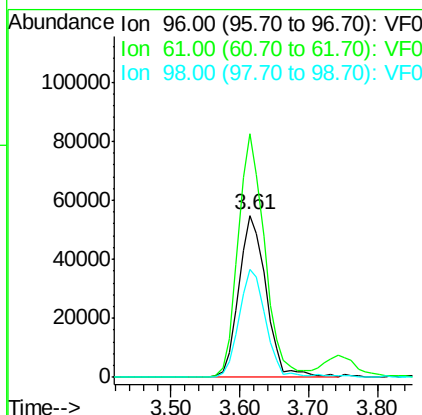
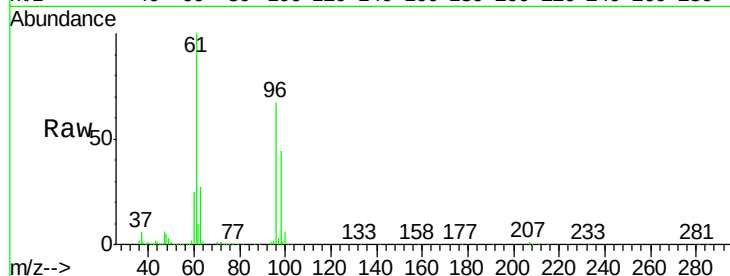
cis-1,2-Dichloroethene
Concen: 52.40 ug/l
RT: 3.61 min Scan# 313
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	151422		
61	150.2	0.0	355.4	
98	66.7	0.0	131.0	

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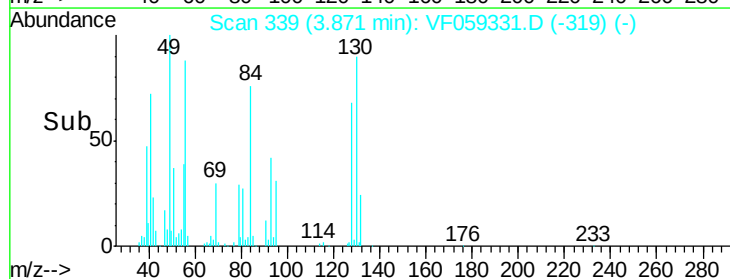
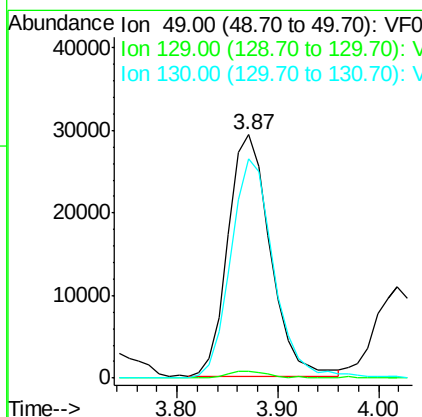
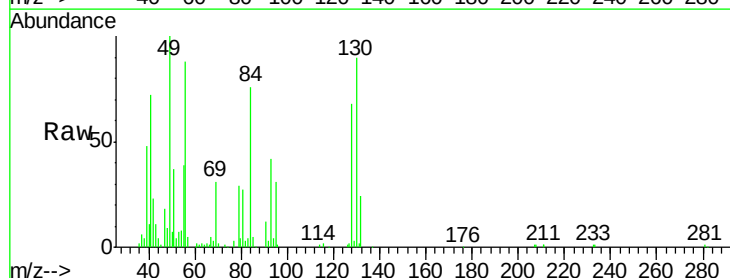
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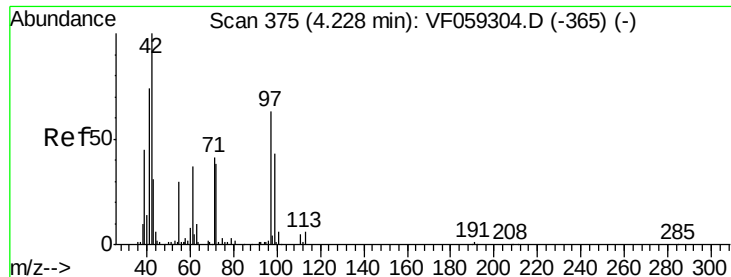


#28

Bromochloromethane
Concen: 48.15 ug/l
RT: 3.87 min Scan# 339
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	85304		
129	2.7	0.0	6.4	
130	89.8	75.1	112.7	





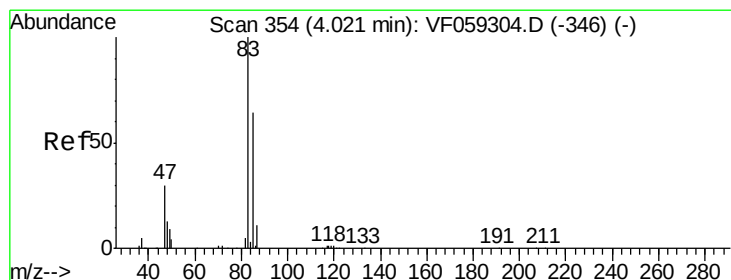
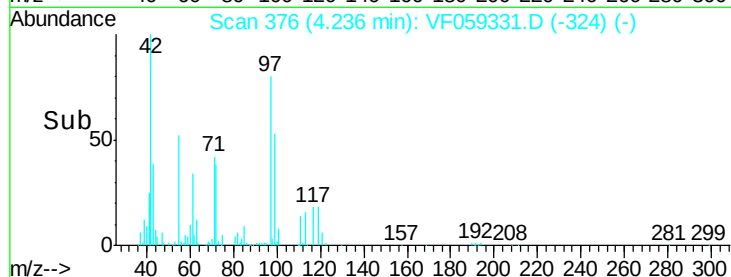
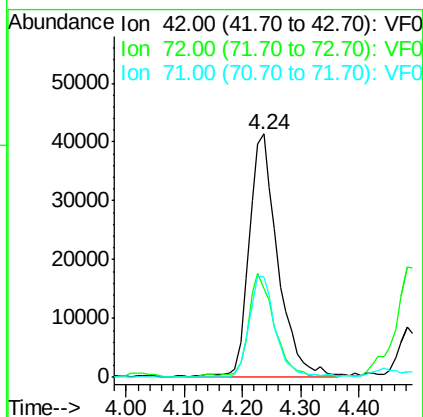
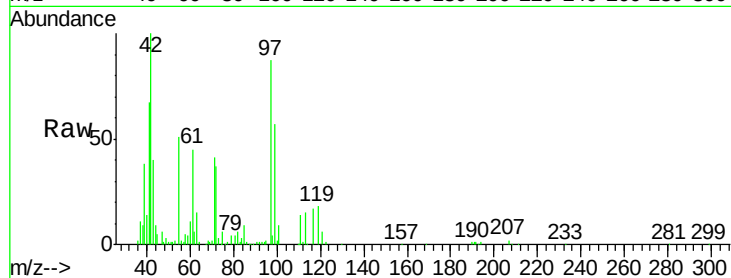
#29
Tetrahydrofuran
Concen: 287.10 ug/l
RT: 4.24 min Scan# 376
Delta R.T. 0.01 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.3	30.5	45.7
71	37.7	32.5	48.7

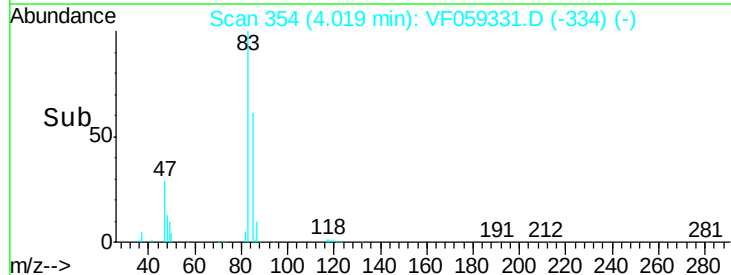
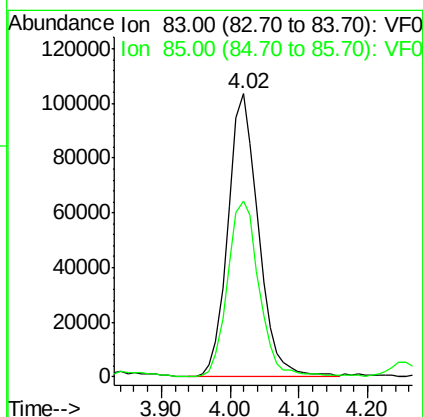
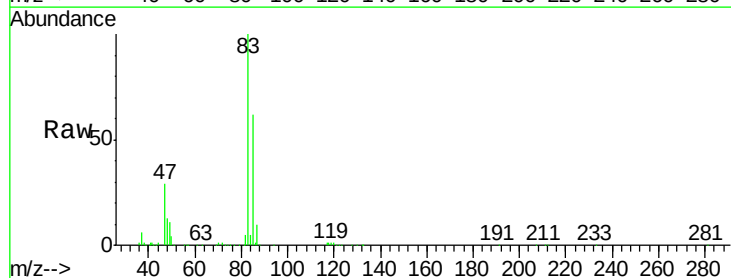
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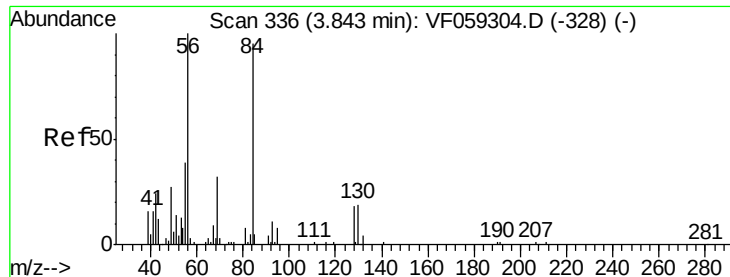
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#30
Chloroform
Concen: 47.77 ug/l
RT: 4.02 min Scan# 354
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.3	76.9





#31

Cyclohexane

Concen: 48.98 ug/l

RT: 3.85 min Scan# 337

Delta R.T. 0.01 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

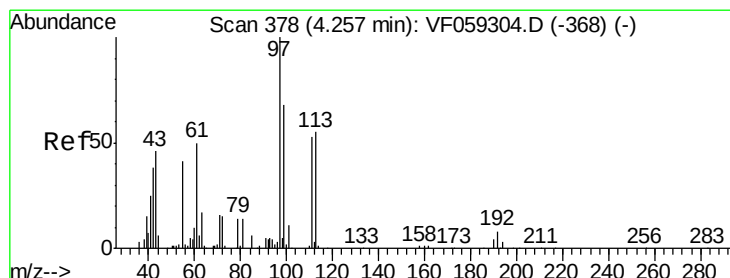
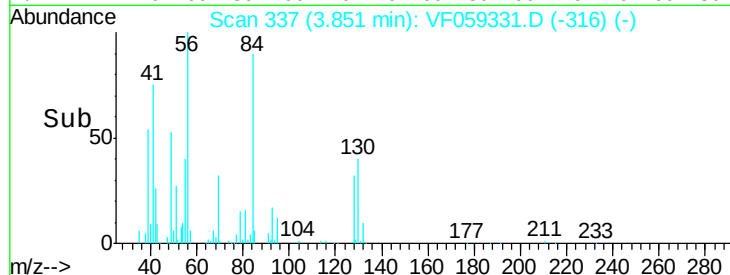
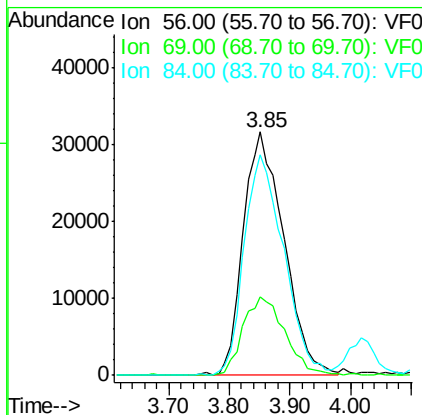
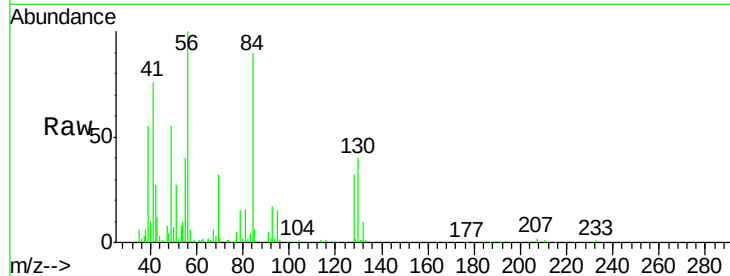
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	147534
Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.8	38.8
84	90.4	75.6	113.4

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#32

1,1,1-Trichloroethane

Concen: 47.11 ug/l

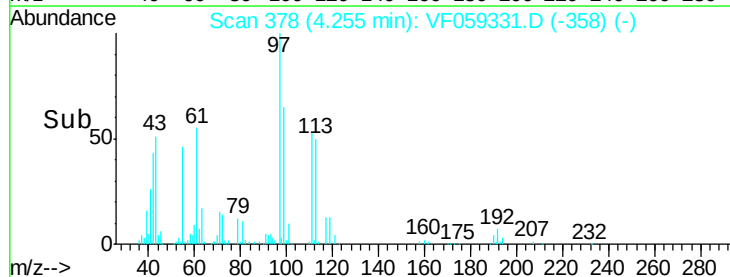
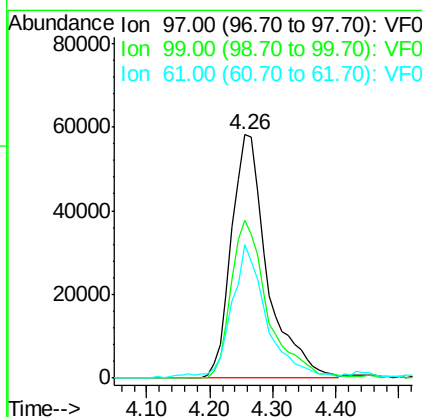
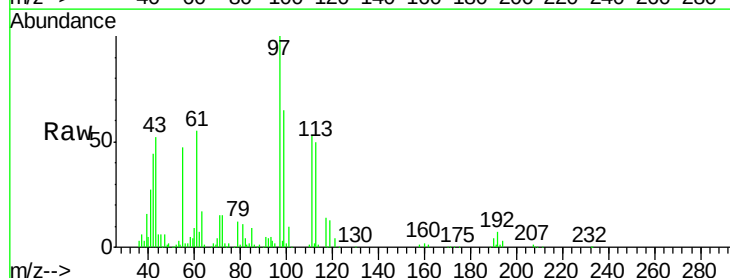
RT: 4.26 min Scan# 378

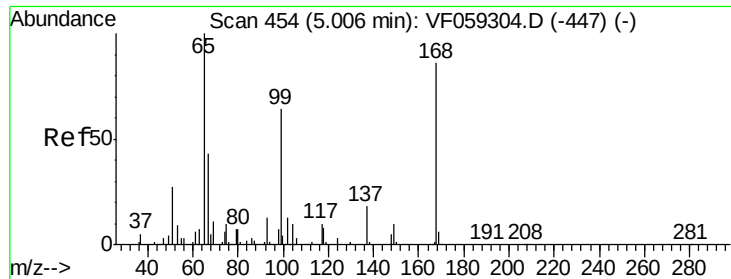
Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Tgt Ion:	97	Resp:	229509
Ion	Ratio	Lower	Upper
97	100		
99	64.8	54.1	81.1
61	54.7	41.2	61.8





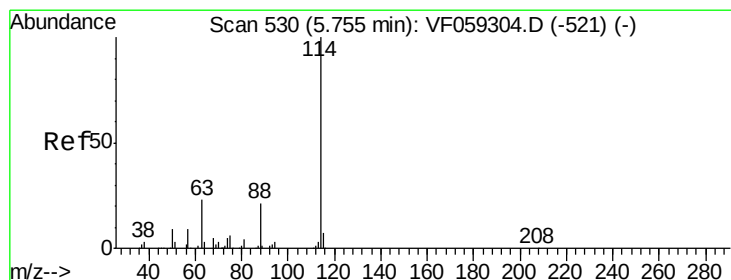
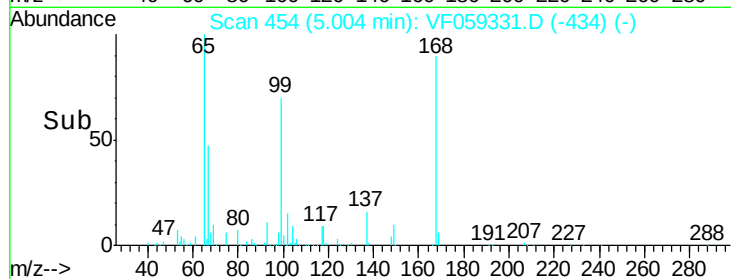
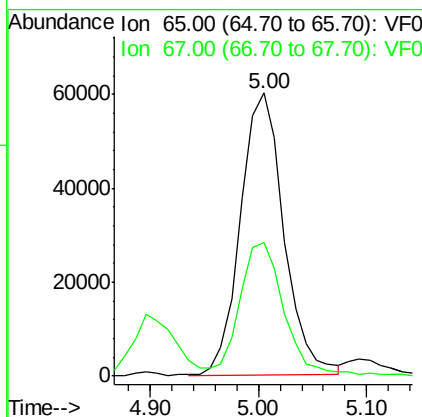
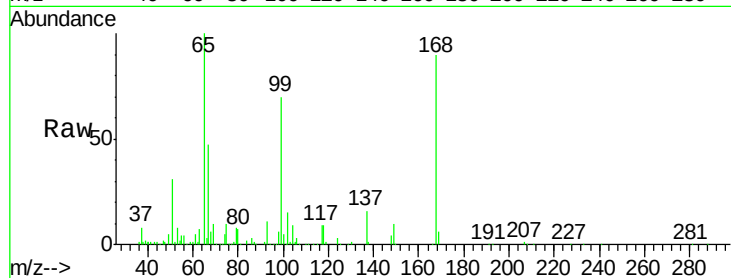
#33
 1,2-Dichloroethane-d4
 Concen: 43.00 ug/l
 RT: 5.00 min Scan# 454
 Delta R.T. -0.00 min
 Lab File: VF059331.D
 Acq: 27 Jun 2018 11:10

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	168122		
67	47.4	0.0	96.8	

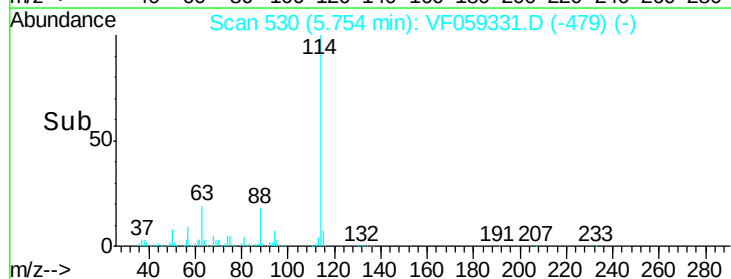
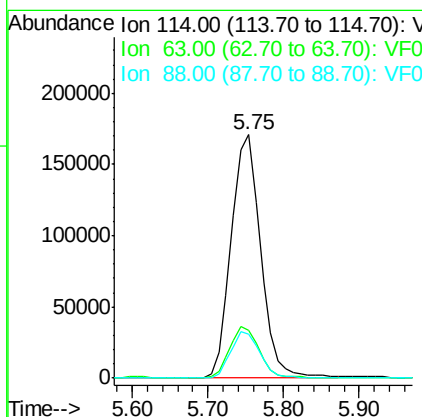
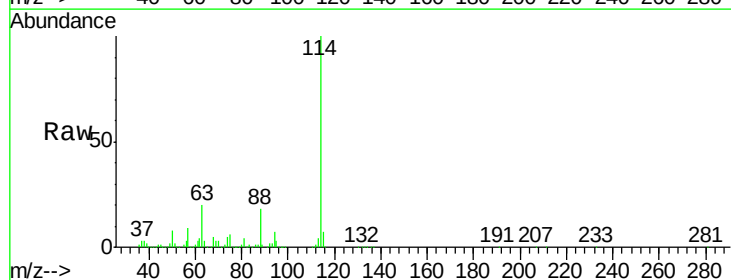
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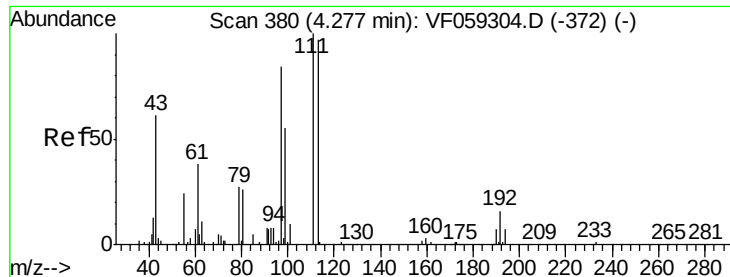
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VF059331.D
 Acq: 27 Jun 2018 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	461558		
63	19.5	0.0	45.8	
88	17.9	0.0	41.2	





#35

Dibromofluoromethane

Concen: 44.90 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

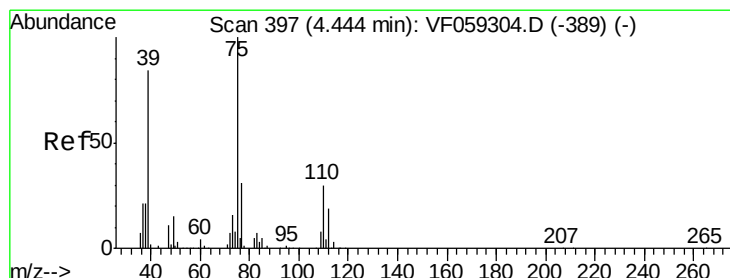
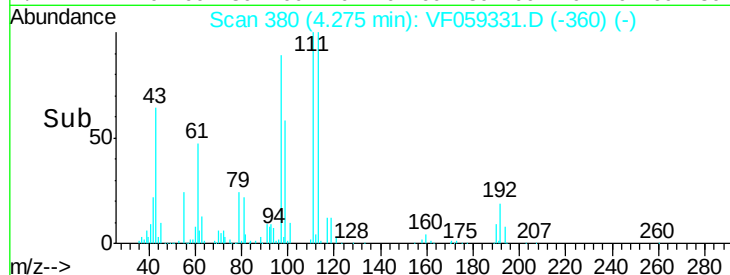
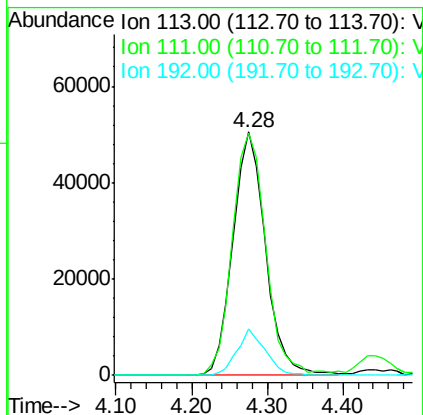
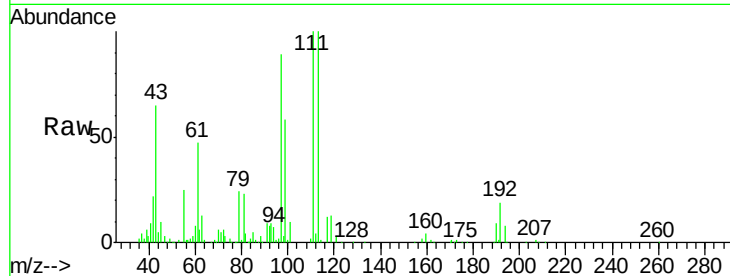
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	151413
Ion Ratio	Lower	Upper	
113	100		
111	99.7	82.1	123.1
192	19.2	13.0	19.6

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#36

1,1-Dichloropropene

Concen: 51.13 ug/l

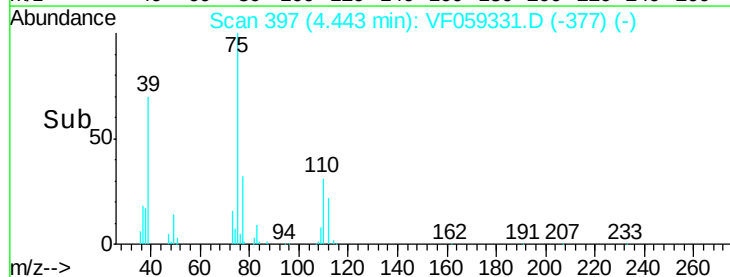
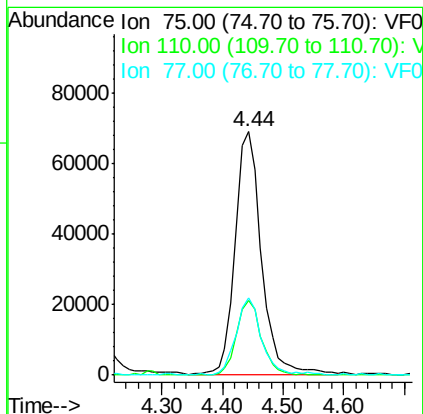
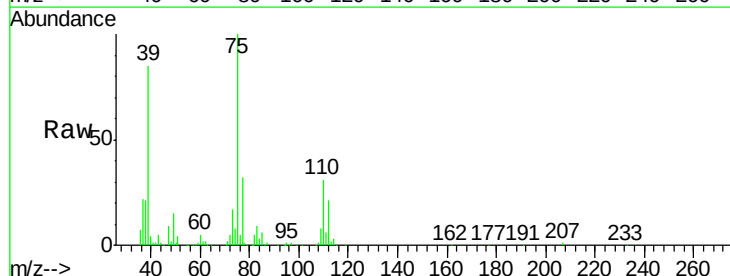
RT: 4.44 min Scan# 397

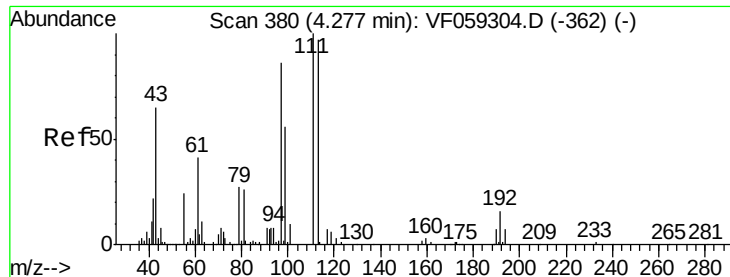
Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Tgt Ion:	75	Resp:	206167
Ion Ratio	Lower	Upper	
75	100		
110	30.6	14.8	44.4
77	31.5	25.2	37.8





#37

Ethyl Acetate

Concen: 53.97 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.01 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

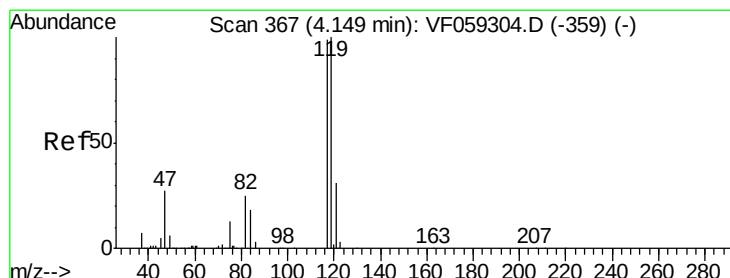
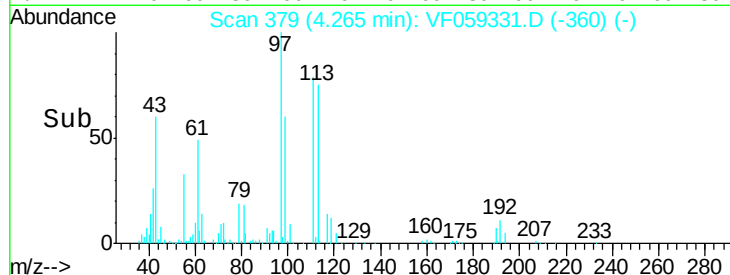
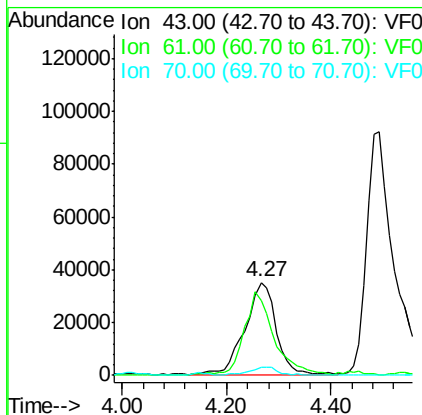
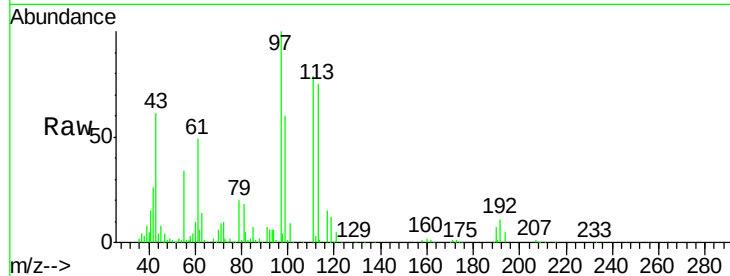
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	138914
Ion	Ratio	Lower	Upper
43	100		
61	79.8	50.1	75.1#
70	9.1	6.2	9.4

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#38

Carbon Tetrachloride

Concen: 46.78 ug/l

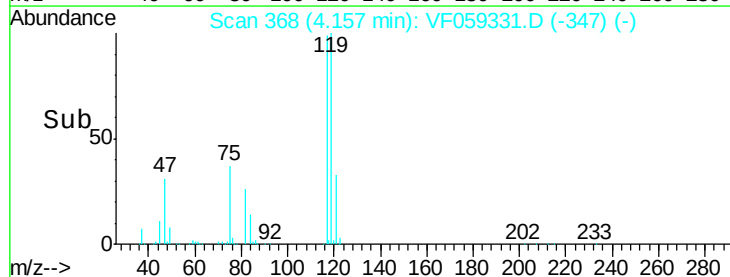
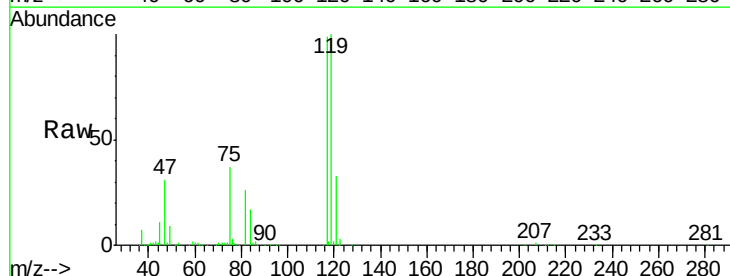
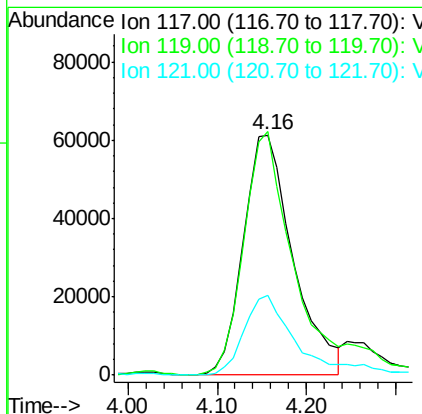
RT: 4.16 min Scan# 368

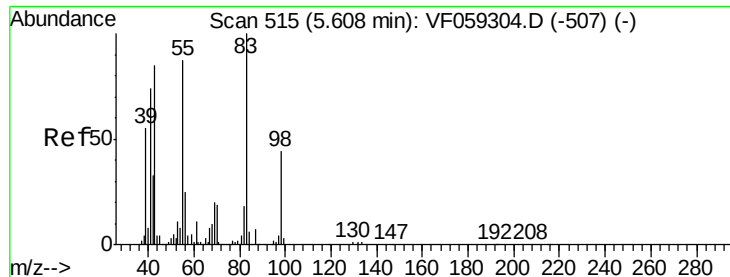
Delta R.T. 0.01 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Tgt Ion:	117	Resp:	238034
Ion	Ratio	Lower	Upper
117	100		
119	101.3	81.0	121.4
121	33.1	24.7	37.1





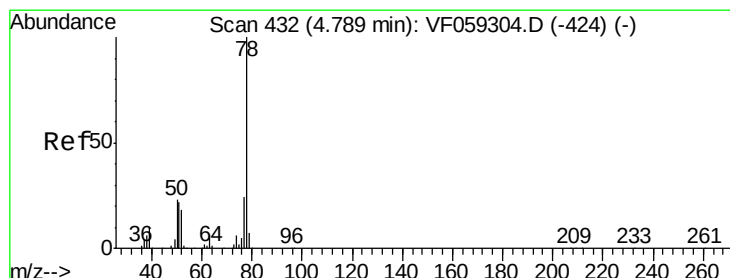
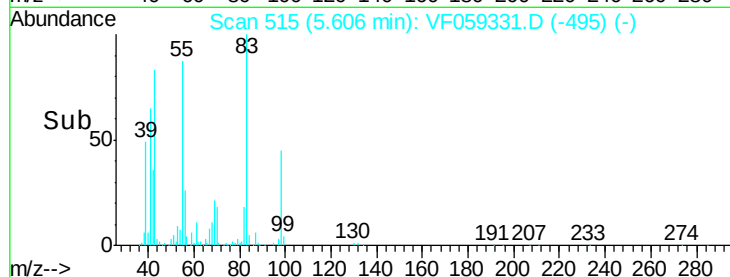
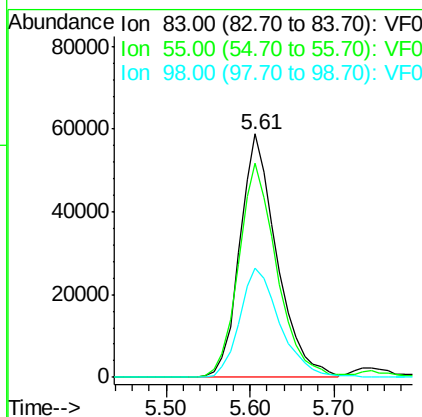
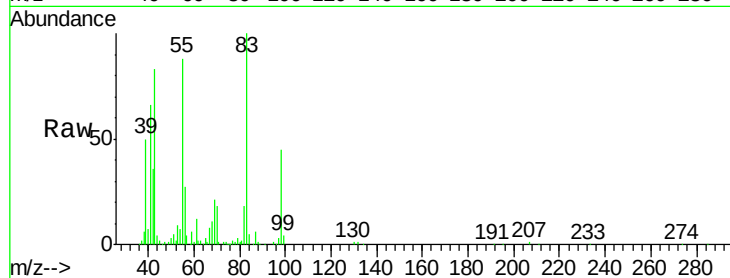
#39
Methylvlcyclohexane
Concen: 50.50 ug/l
RT: 5.61 min Scan# 515
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.8	69.2	103.8
98	44.6	35.0	52.6

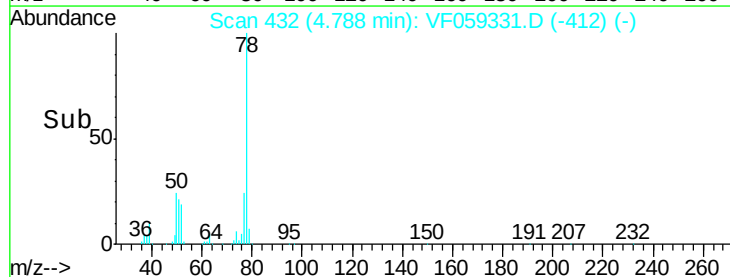
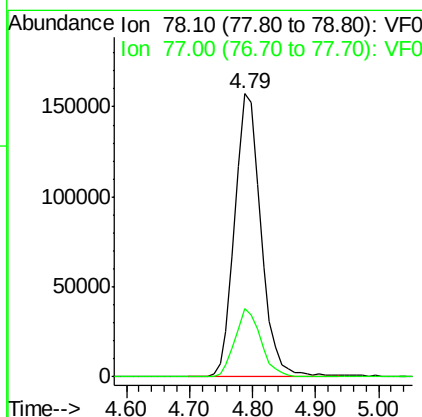
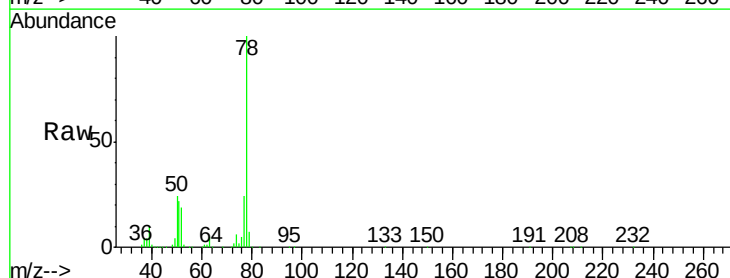
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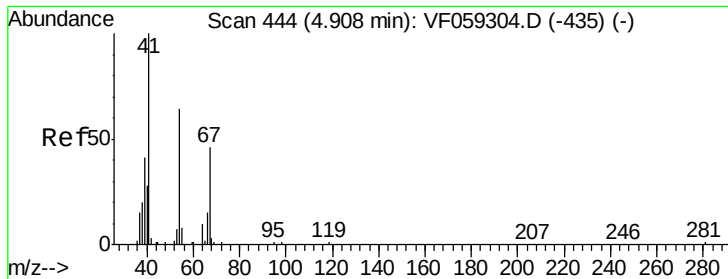
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#40
Benzene
Concen: 50.81 ug/l
RT: 4.79 min Scan# 432
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.6	29.4





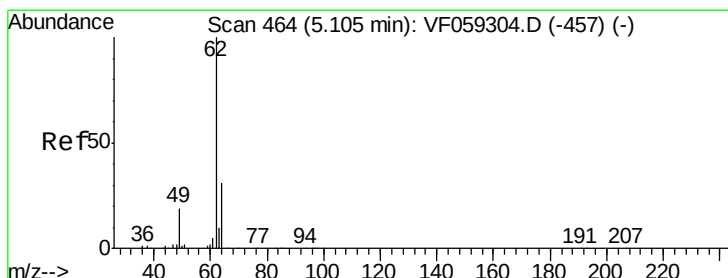
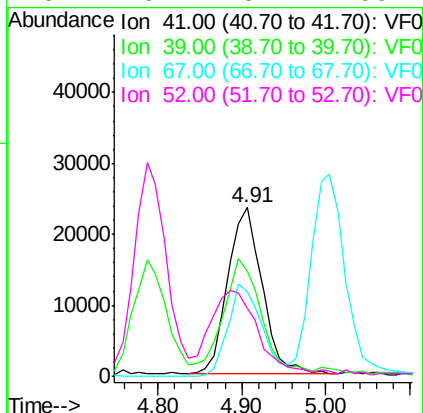
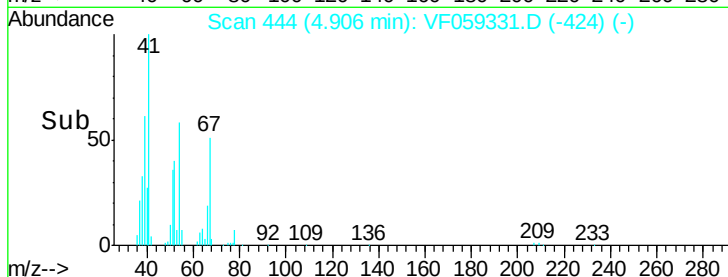
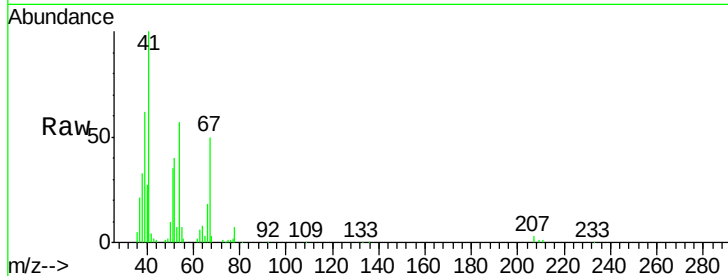
#41
Methacrylonitrile
Concen: 48.95 ug/l
RT: 4.91 min Scan# 444
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	61.9	50.0	75.0	
67	49.9	37.0	55.6	
52	40.2	37.1	55.7	

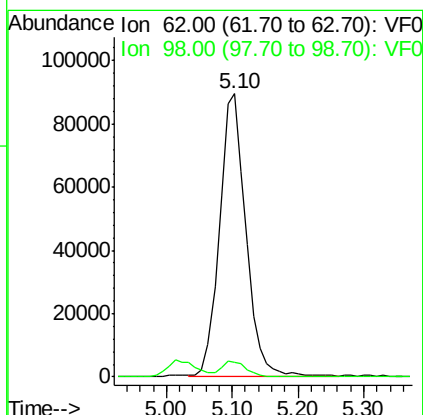
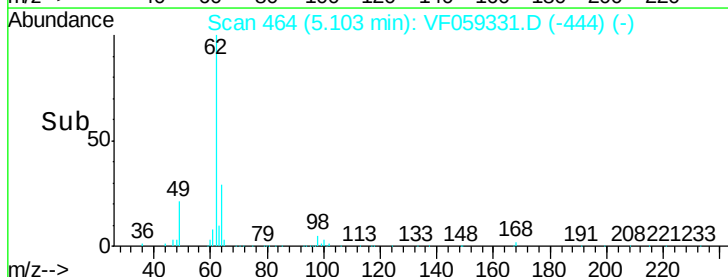
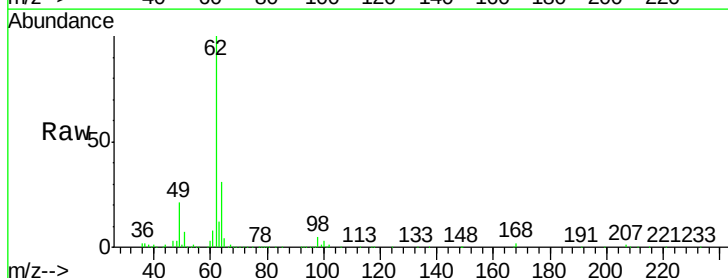
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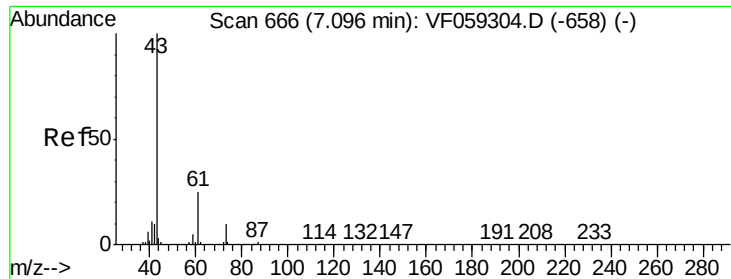
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#42
1,2-Dichloroethane
Concen: 47.44 ug/l
RT: 5.10 min Scan# 464
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	5.4	0.0	11.4	





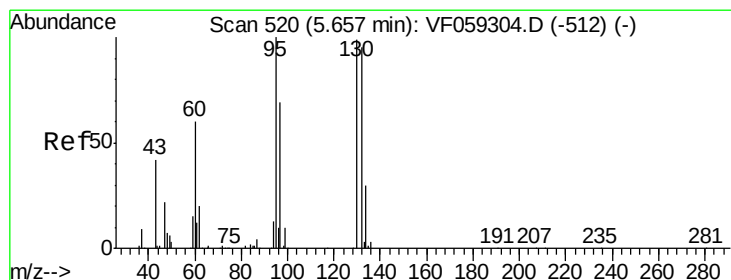
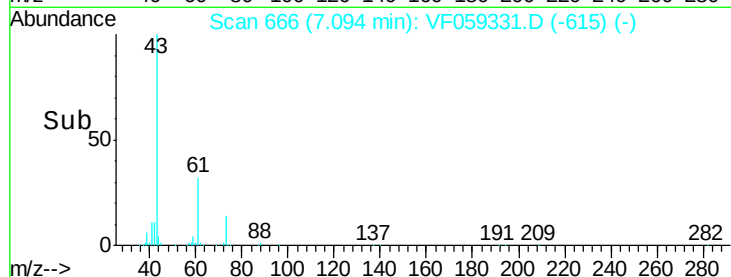
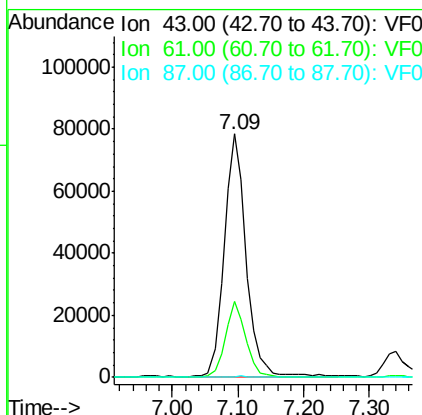
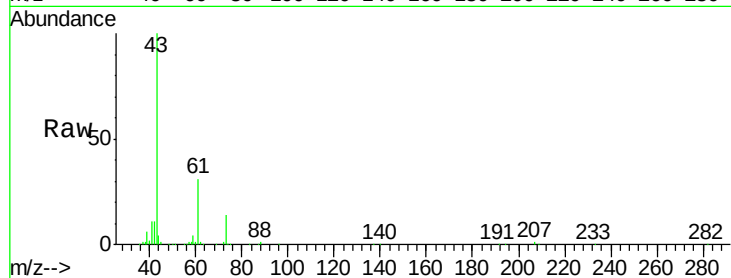
#43
Isopropyl Acetate
Concen: 54.71 ug/l
RT: 7.09 min Scan# 666
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.4	19.7	29.5#
87	0.4	0.5	0.7#

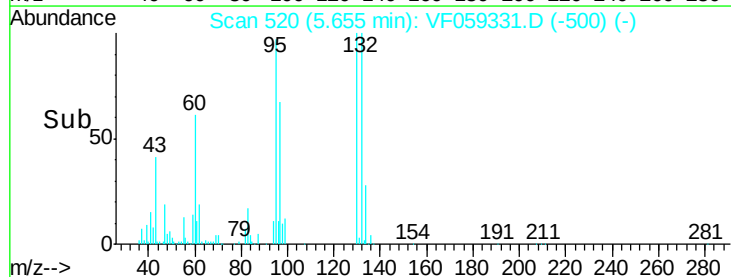
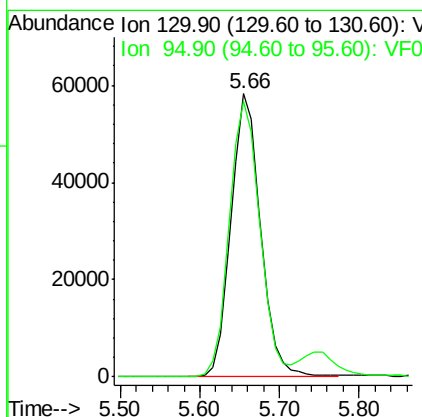
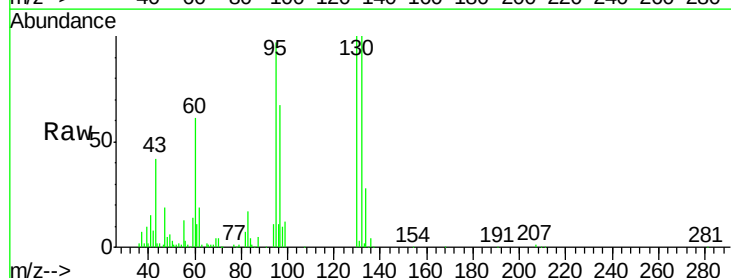
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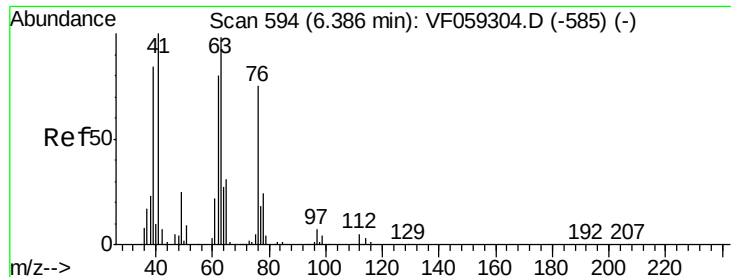
apatel
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#44
Trichloroethene
Concen: 49.42 ug/l
RT: 5.66 min Scan# 520
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	202.4





#45

1,2-Dichloropropane

Concen: 50.20 ug/l

RT: 6.38 min Scan# 594

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 128235

Ion Ratio Lower Upper

63 100

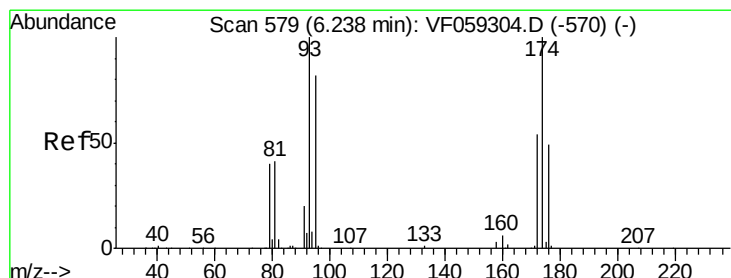
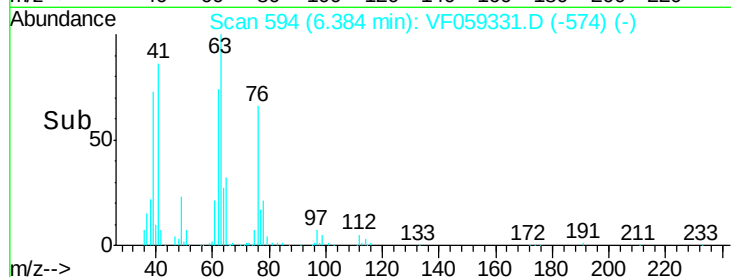
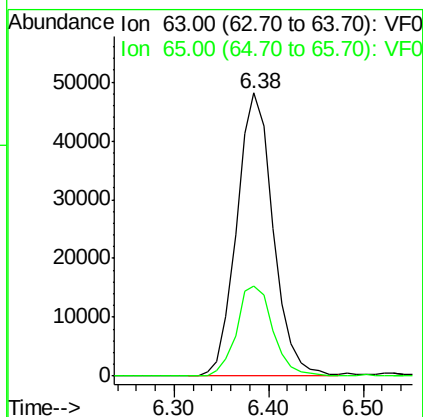
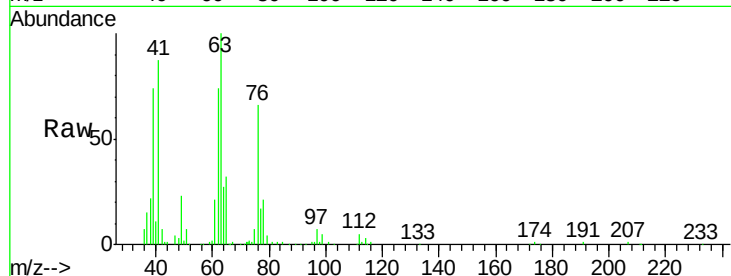
65 32.3 25.3 37.9

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#46

Dibromomethane

Concen: 50.83 ug/l

RT: 6.24 min Scan# 579

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

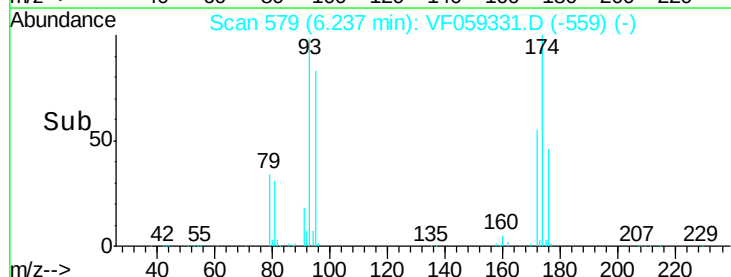
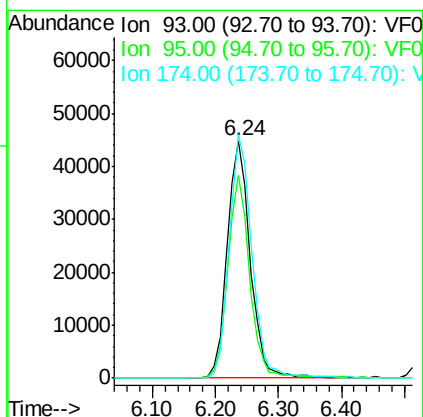
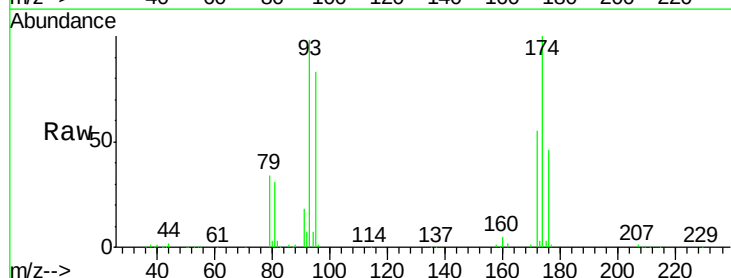
Tgt Ion: 93 Resp: 112683

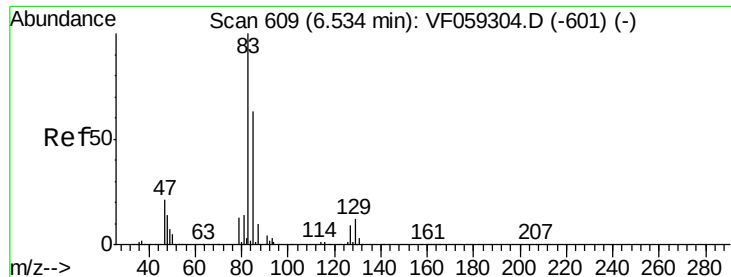
Ion Ratio Lower Upper

93 100

95 85.4 65.6 98.4

174 102.5 80.0 120.0





#47

Bromodichloromethane

Concen: 49.53 ug/l

RT: 6.53 min Scan# 609

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

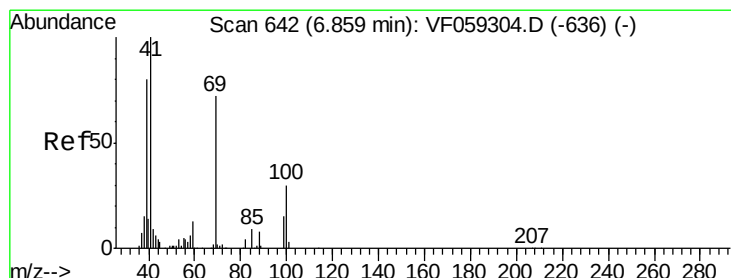
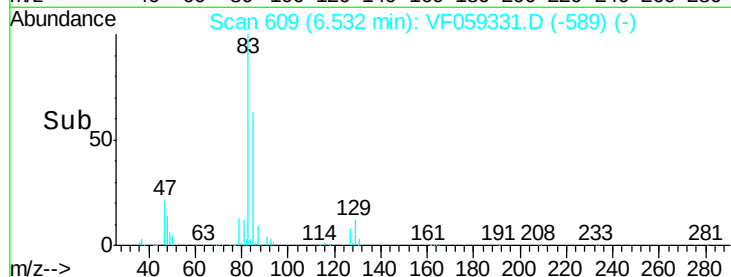
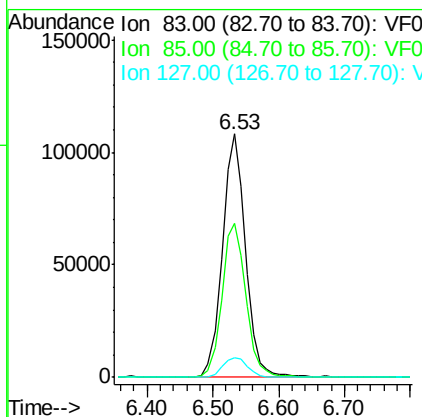
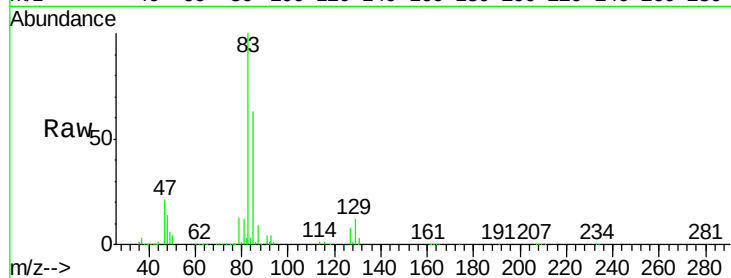
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	265818
Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.2	75.2
127	8.3	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.63 ug/l

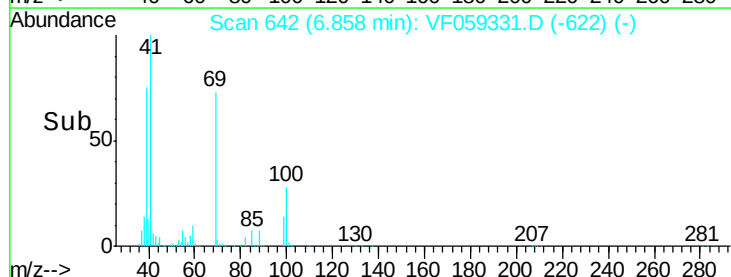
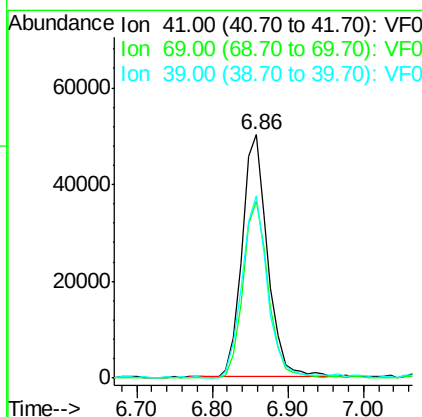
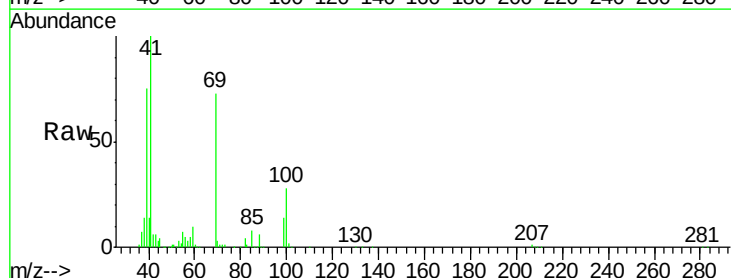
RT: 6.86 min Scan# 642

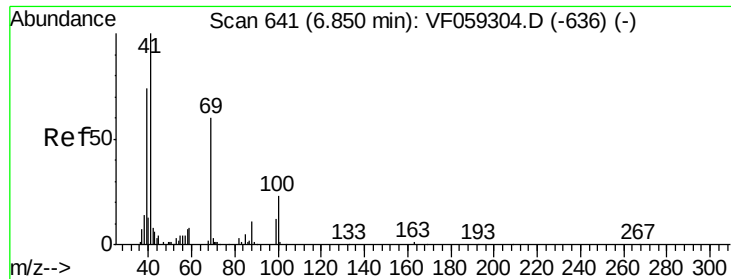
Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Tgt Ion:	41	Resp:	116223
Ion	Ratio	Lower	Upper
41	100		
69	72.6	57.3	85.9
39	75.0	64.4	96.6





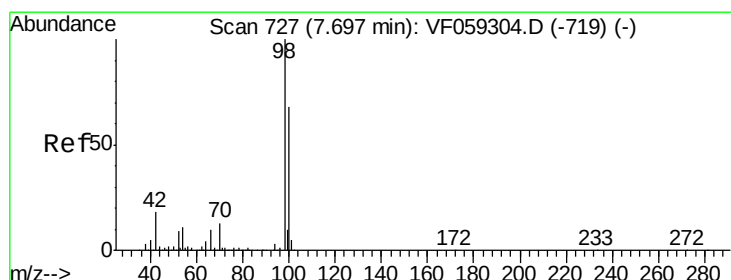
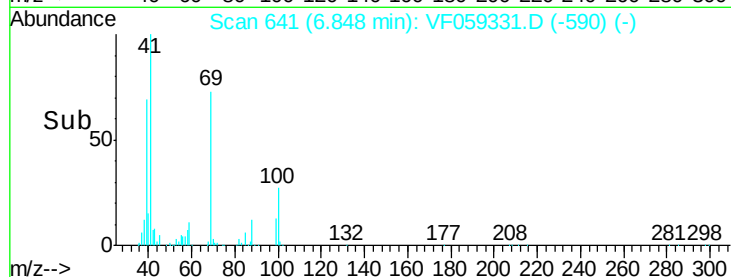
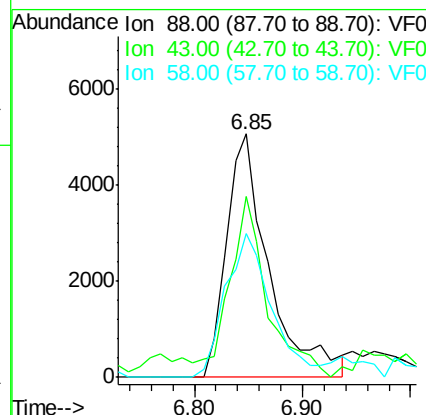
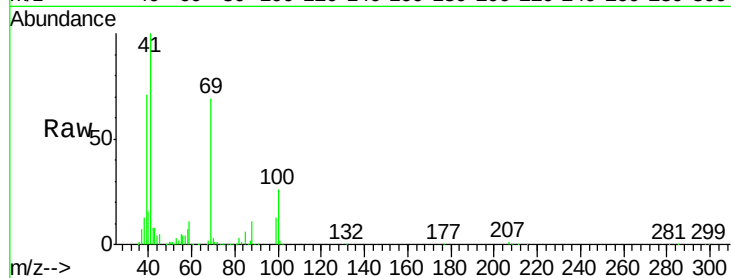
#49
1,4-Dioxane
Concen: 1153.82 ug/l
RT: 6.85 min Scan# 641
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	13779
Ion Ratio	Lower	Upper	
88	100		
43	74.3	50.6	75.8
58	59.3	46.6	69.8

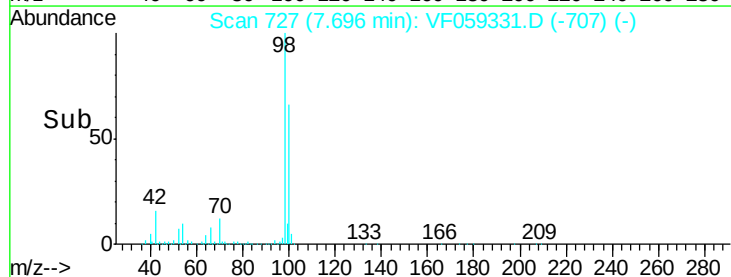
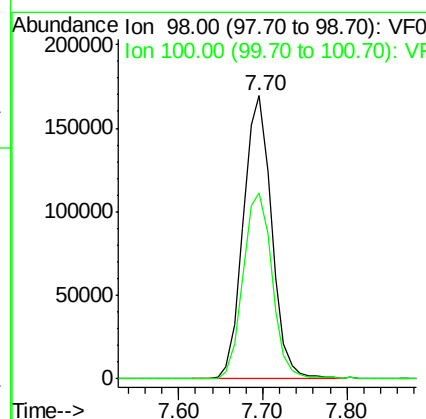
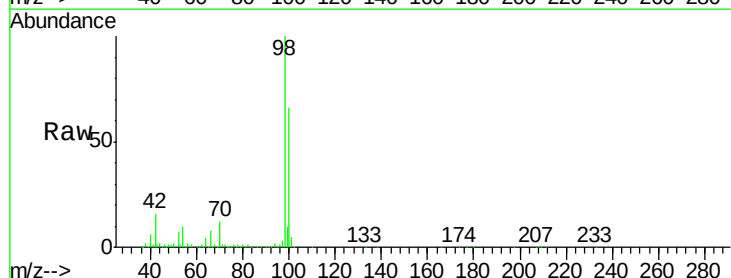
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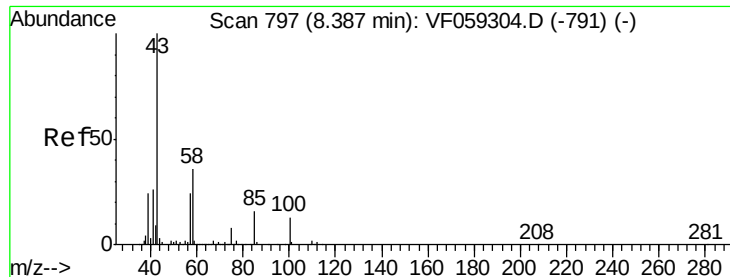
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#50
Toluene-d8
Concen: 47.82 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Tgt Ion	98	Resp	399295
Ion Ratio	Lower	Upper	
98	100		
100	65.9	54.6	82.0





#51

4-Methyl-2-Pentanone

Concen: 262.17 ug/l

RT: 8.39 min Scan# 797

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 652333

Ion Ratio Lower Upper

43 100

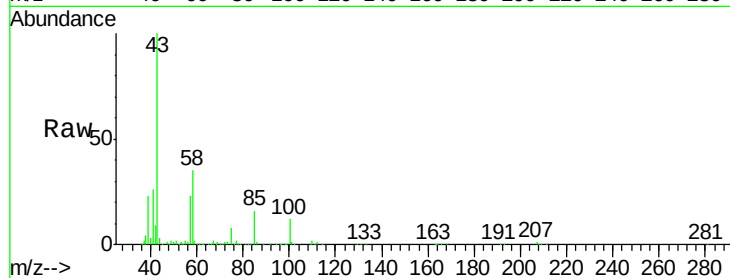
58 35.1 28.4 42.6

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.39

300000

250000

200000

150000

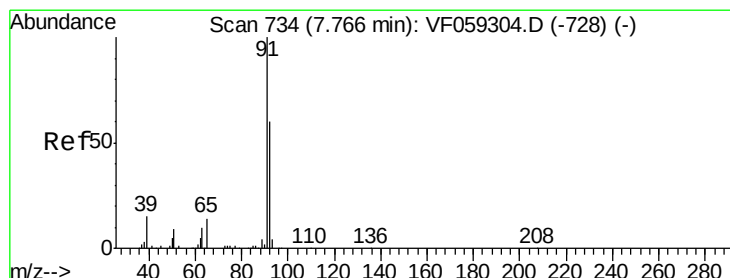
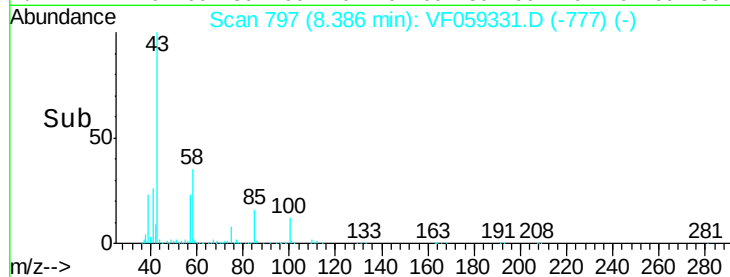
100000

50000

0

8.30 8.40 8.50 8.60

Time-->



#52

Toluene

Concen: 48.06 ug/l

RT: 7.76 min Scan# 734

Delta R.T. -0.00 min

Lab File: VF059331.D

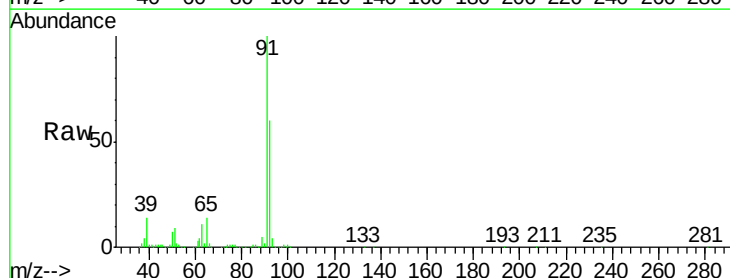
Acq: 27 Jun 2018 11:10

Tgt Ion: 92 Resp: 321516

Ion Ratio Lower Upper

92 100

91 167.7 132.8 199.2



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.76

250000

200000

150000

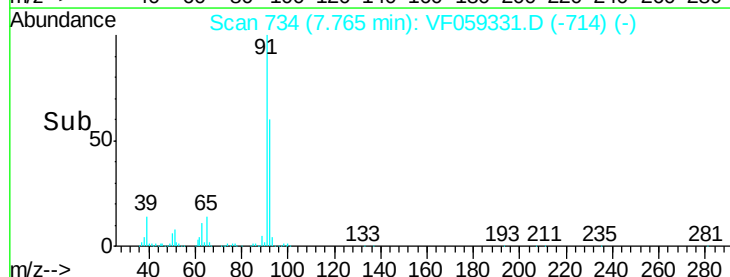
100000

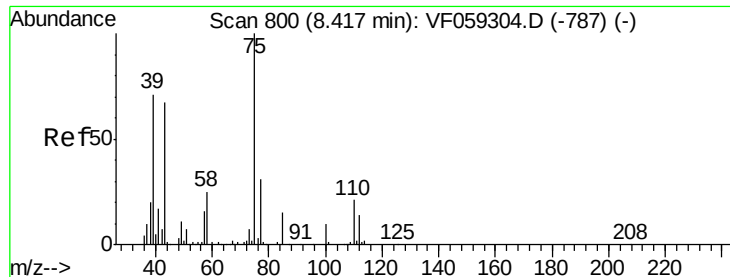
50000

0

7.60 7.70 7.80 7.90 8.00

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.10 ug/l

RT: 8.42 min Scan# 800

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Tot Ion: 75 Resp: 245047

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

Instrument :

MSVOA_F

ClientSampleId :

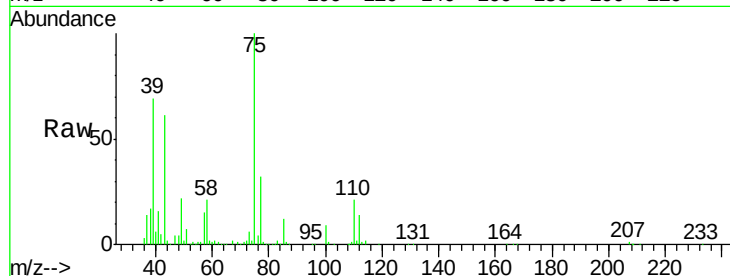
VSTDCCC050

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Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

8.42

120000

100000

80000

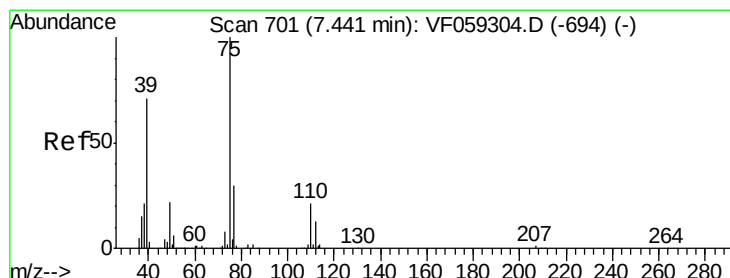
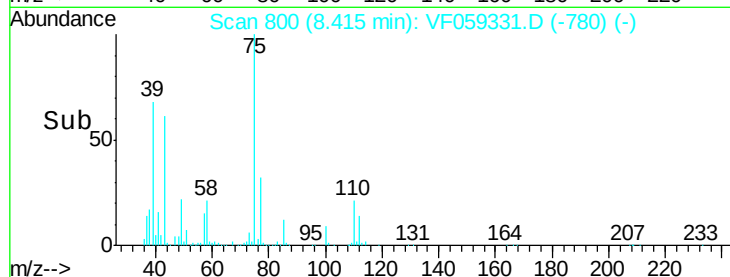
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.69 ug/l

RT: 7.44 min Scan# 701

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

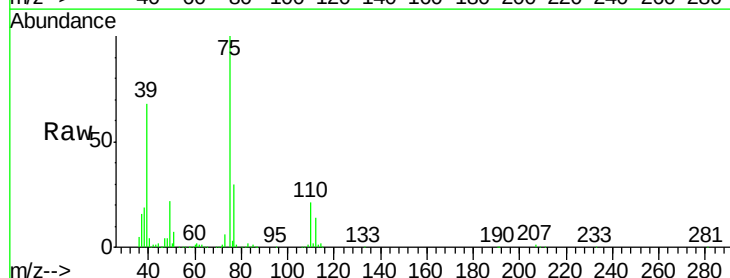
Tgt Ion: 75 Resp: 274668

Ion Ratio Lower Upper

75 100

77 29.7 24.3 36.5

39 68.2 57.2 85.8



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

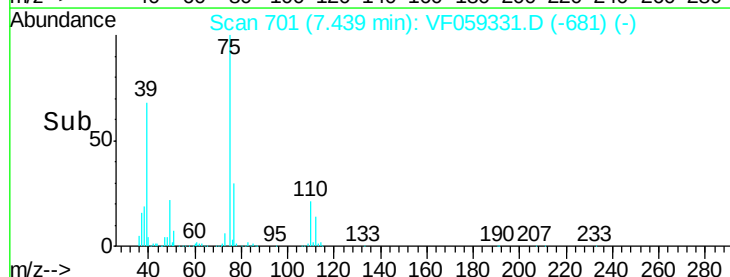
150000

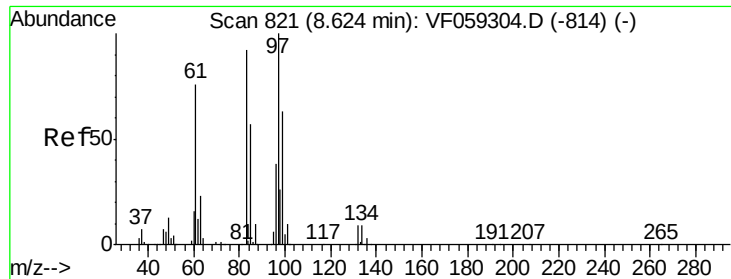
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 50.77 ug/l

RT: 8.62 min Scan# 821

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

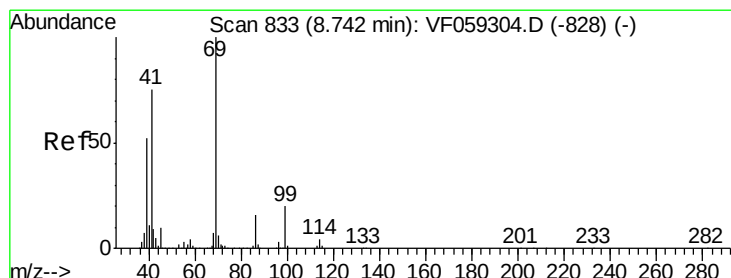
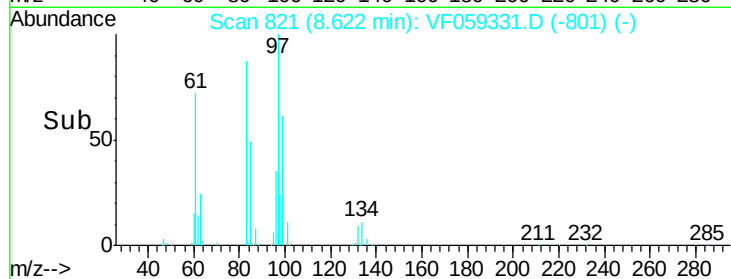
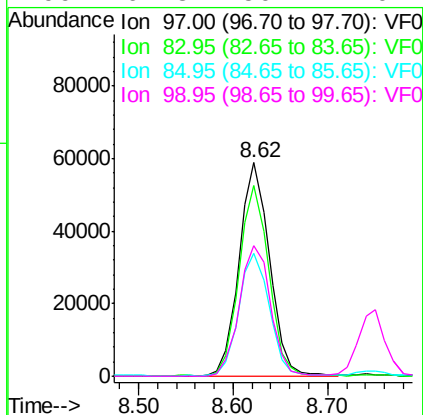
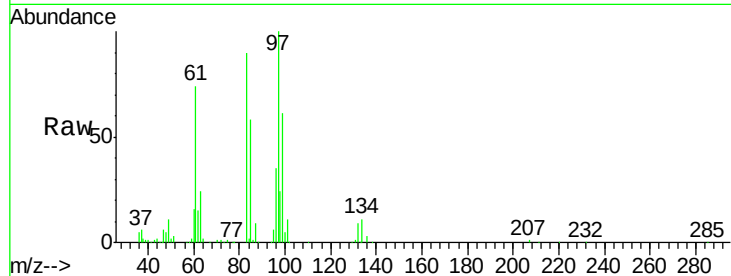
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	131879
Ion	Ratio	Lower	Upper
97	100		
83	89.5	73.8	110.8
85	57.8	45.5	68.3
99	61.3	50.7	76.1

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#56

Ethyl methacrylate

Concen: 53.81 ug/l

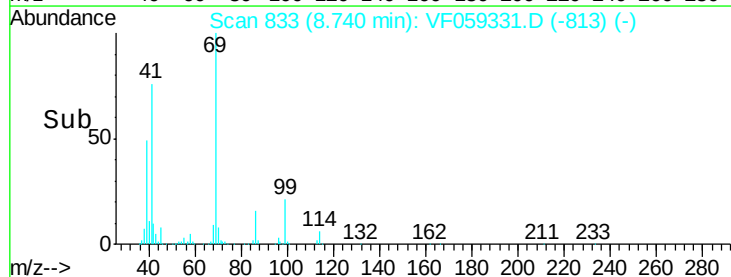
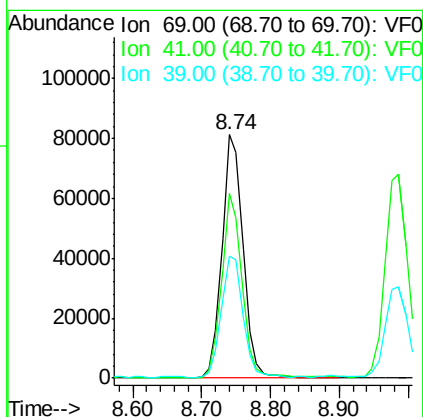
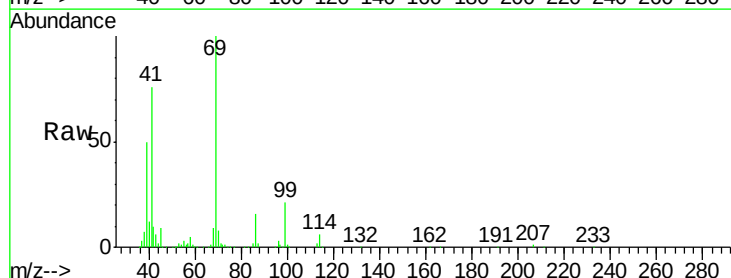
RT: 8.74 min Scan# 833

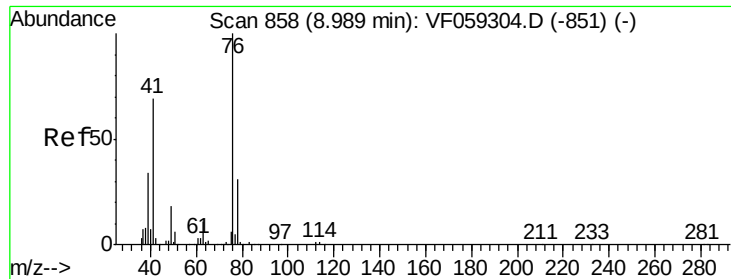
Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Tgt Ion:	69	Resp:	173143
Ion	Ratio	Lower	Upper
69	100		
41	75.8	60.3	90.5
39	50.0	42.2	63.4





#57

1,3-Dichloropropane

Concen: 49.35 ug/l

RT: 8.99 min Scan# 858

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 219812

Ion Ratio Lower Upper

76 100

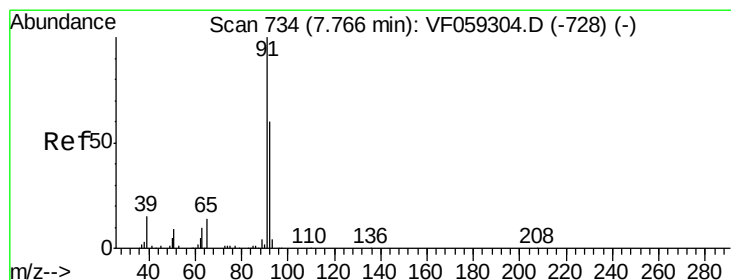
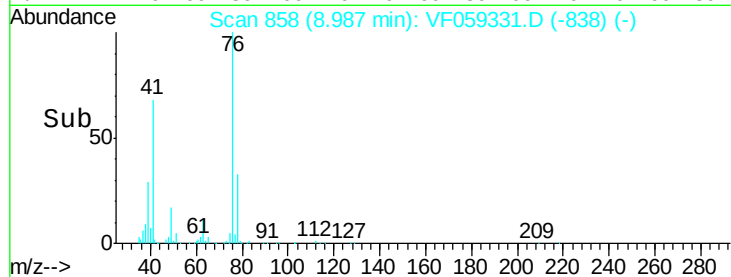
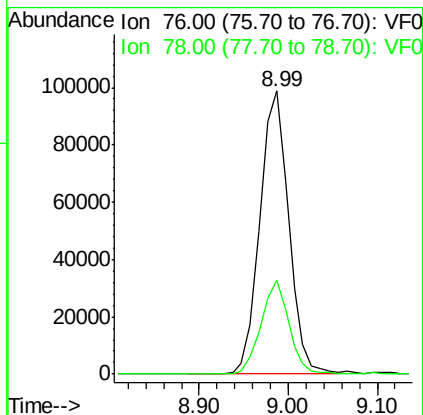
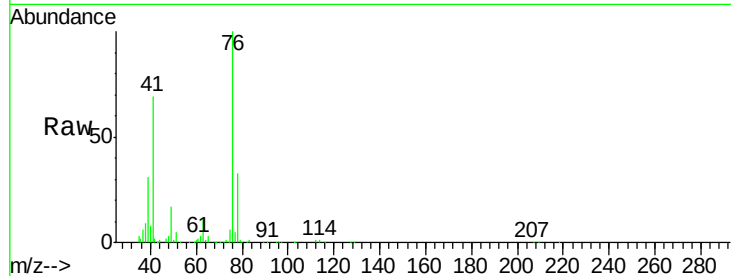
78 33.4 24.9 37.3

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#58

2-Chloroethyl Vinyl ether

Concen: 237.66 ug/l

RT: 7.76 min Scan# 734

Delta R.T. -0.00 min

Lab File: VF059331.D

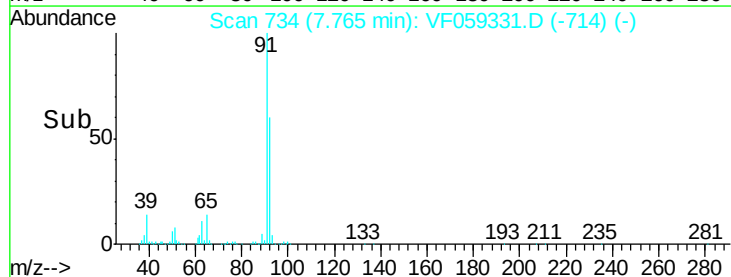
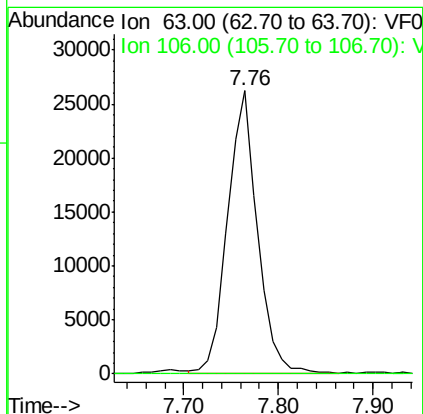
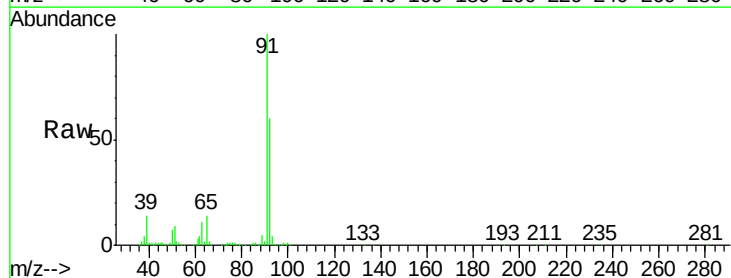
Acq: 27 Jun 2018 11:10

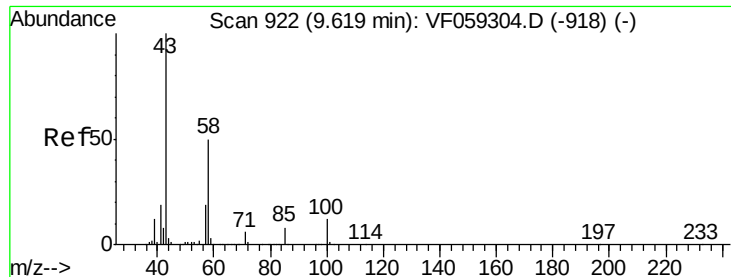
Tgt Ion: 63 Resp: 57351

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0





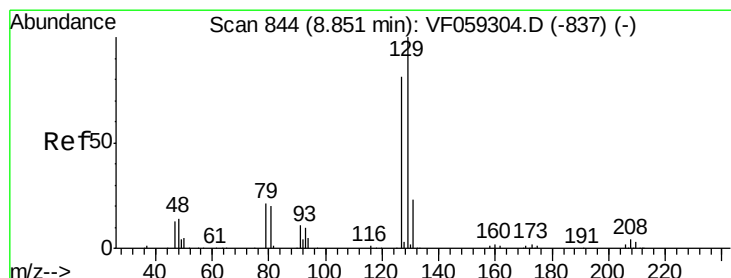
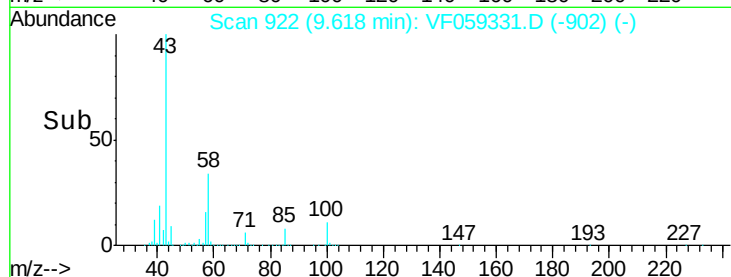
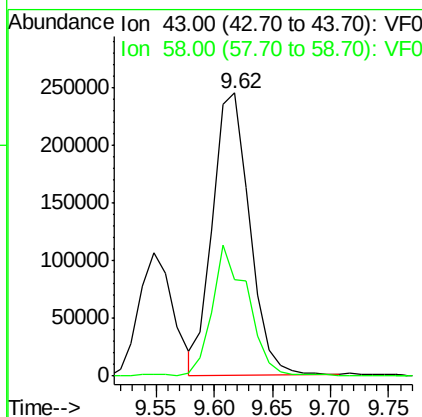
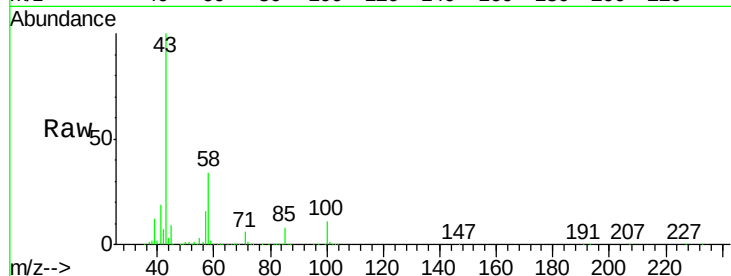
#59
2-Hexanone
Concen: 291.29 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 539273
Ion Ratio Lower Upper
43 100
58 34.3 23.3 69.9

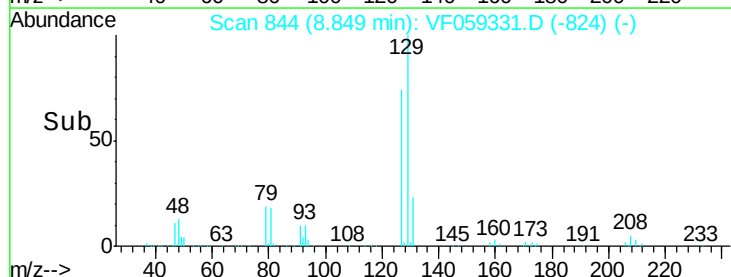
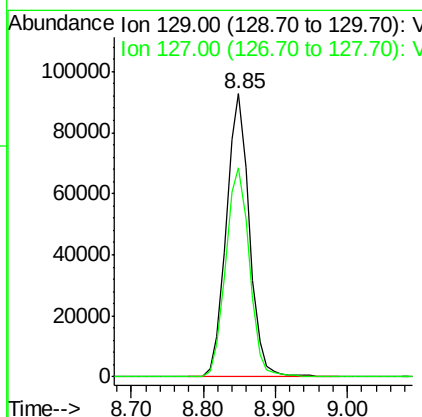
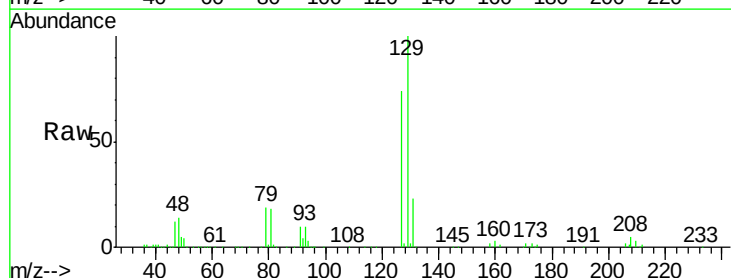
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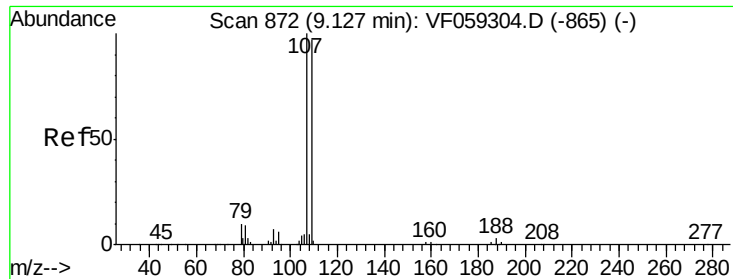
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#60
Dibromochloromethane
Concen: 51.35 ug/l
RT: 8.85 min Scan# 844
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Tgt Ion: 129 Resp: 205921
Ion Ratio Lower Upper
129 100
127 73.7 40.7 122.1





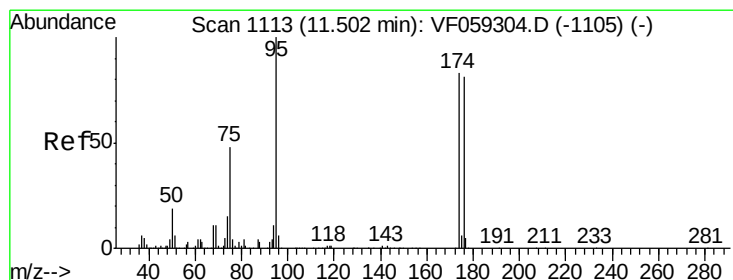
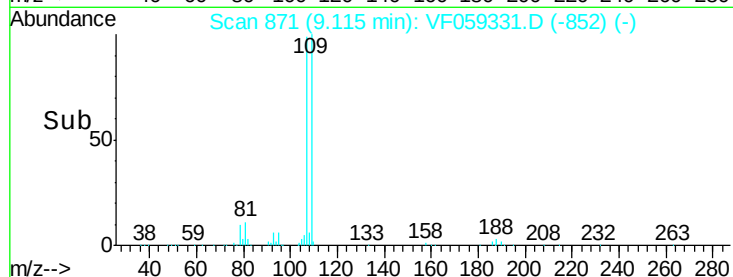
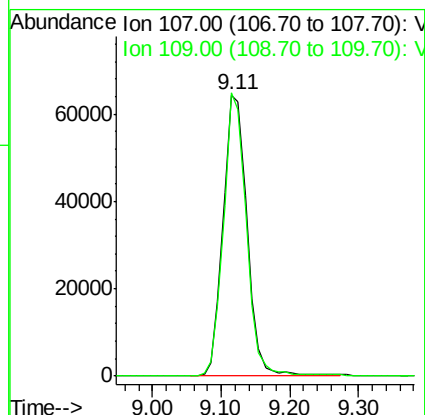
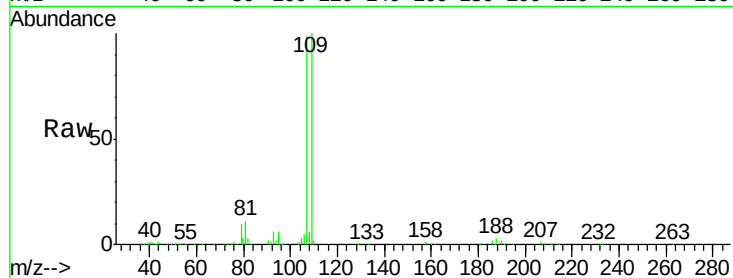
#61
 1,2-Dibromoethane
 Concen: 49.49 ug/l
 RT: 9.11 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: VF059331.D
 Acq: 27 Jun 2018 11:10

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	100.6	77.3	115.9

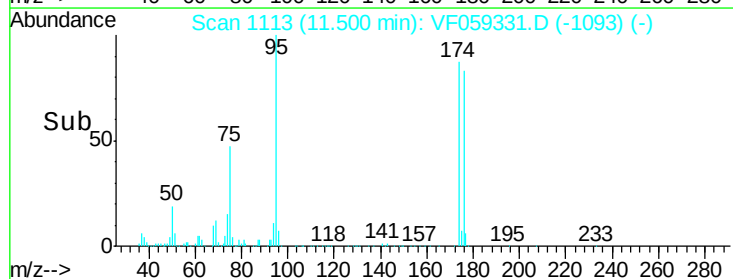
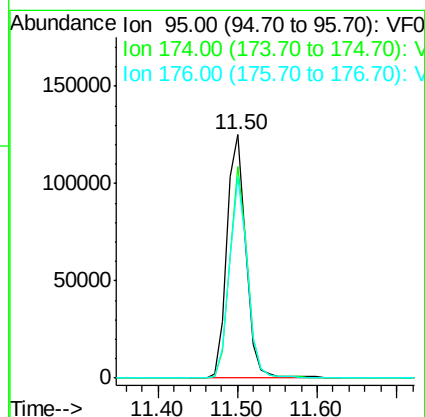
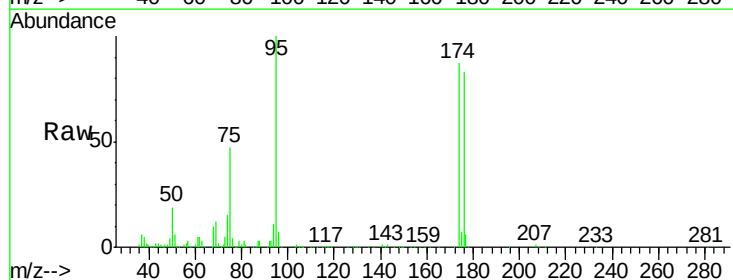
Manual Integrations
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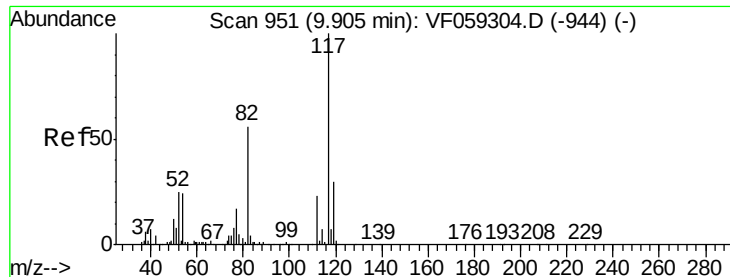
apatel
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#62
 4-Bromofluorobenzene
 Concen: 45.10 ug/l
 RT: 11.50 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: VF059331.D
 Acq: 27 Jun 2018 11:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.8	0.0	165.2
176	82.7	0.0	161.0





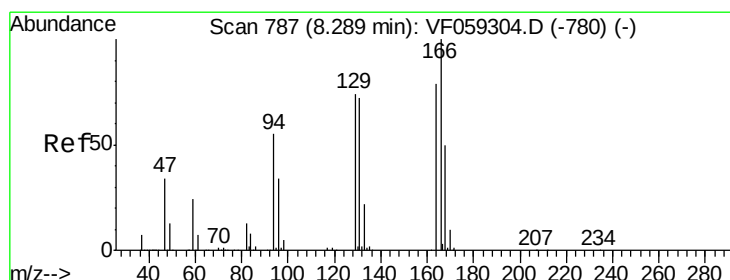
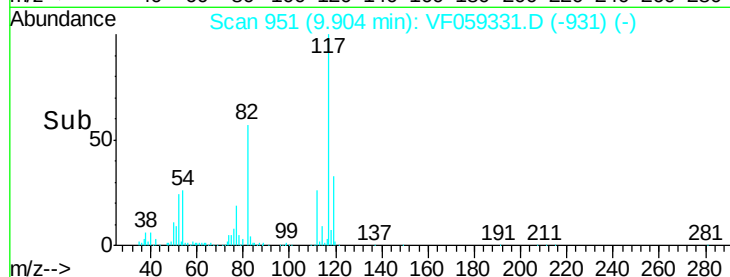
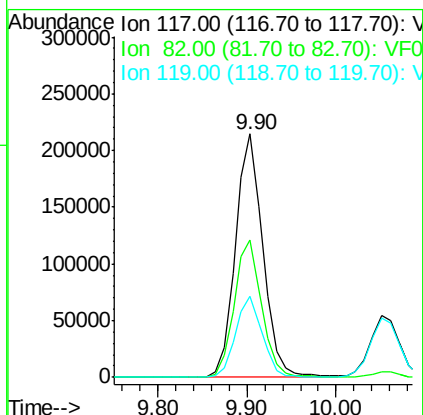
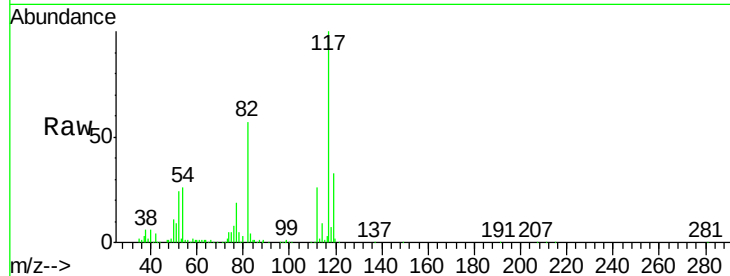
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	460363		
82	56.7		44.6	66.8
119	33.2		24.1	36.1

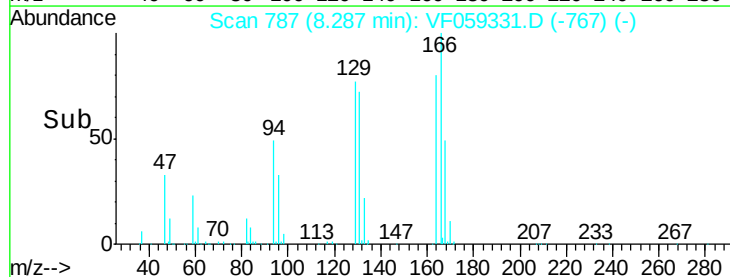
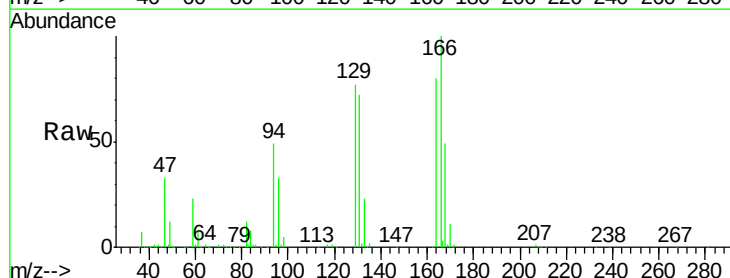
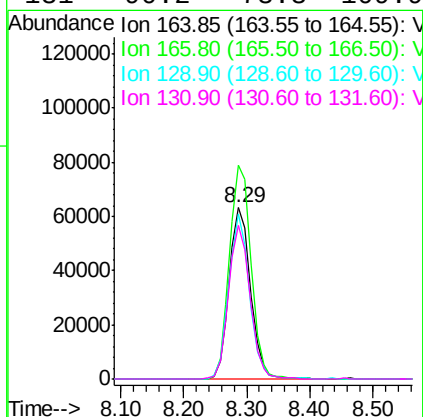
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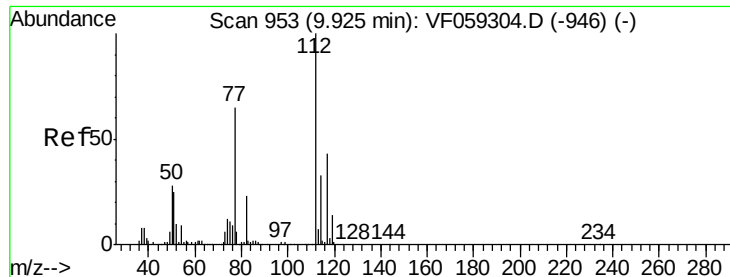
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#64
Tetrachloroethene
Concen: 49.50 ug/l
RT: 8.29 min Scan# 787
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	147809		
166	124.9		101.1	151.7
129	96.6		75.0	112.4
131	90.2		73.3	109.9





#65

Chlorobenzene

Concen: 47.35 ug/l

RT: 9.92 min Scan# 953

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 403920

Ion Ratio Lower Upper

112 100

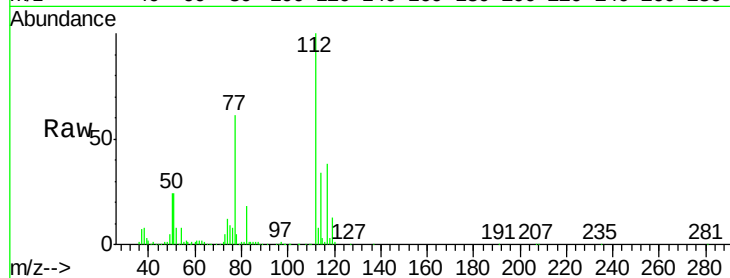
114 33.7 26.5 39.7

Manual Integrations

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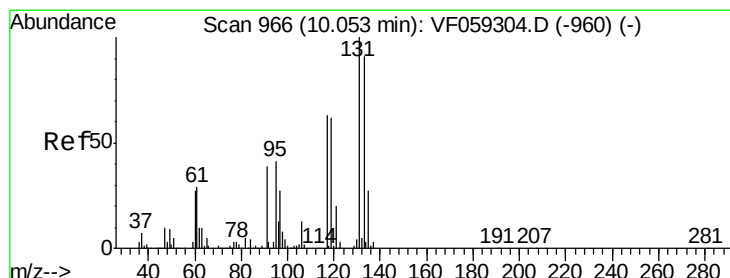
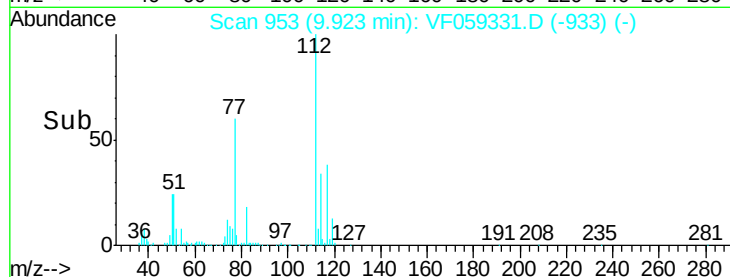
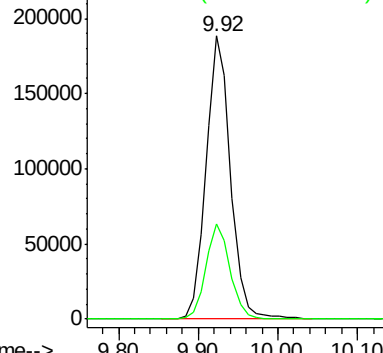
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Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.09 ug/l

RT: 10.05 min Scan# 966

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

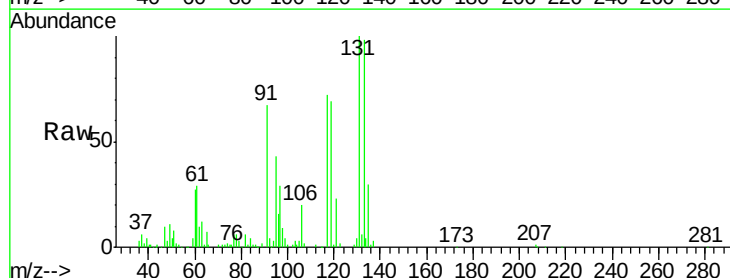
Tgt Ion:131 Resp: 173732

Ion Ratio Lower Upper

131 100

133 98.5 45.3 135.9

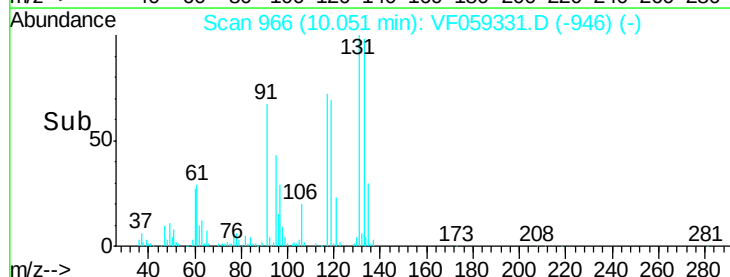
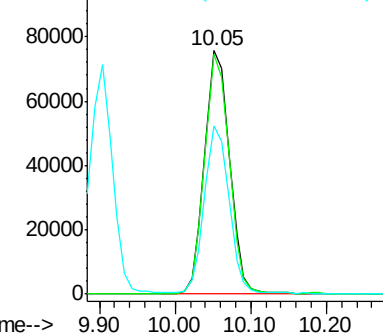
119 69.2 31.3 93.9

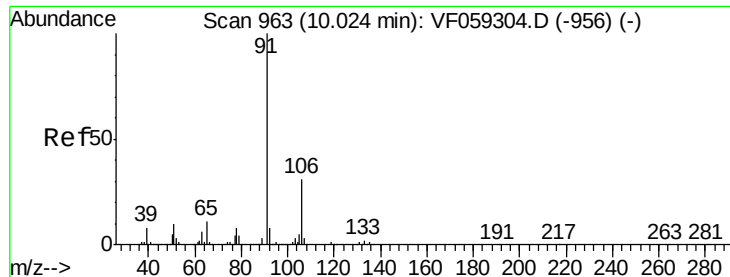


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#67

Ethyl Benzene

Concen: 49.68 ug/l

RT: 10.02 min Scan# 963

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 718941

Ion Ratio Lower Upper

91 100

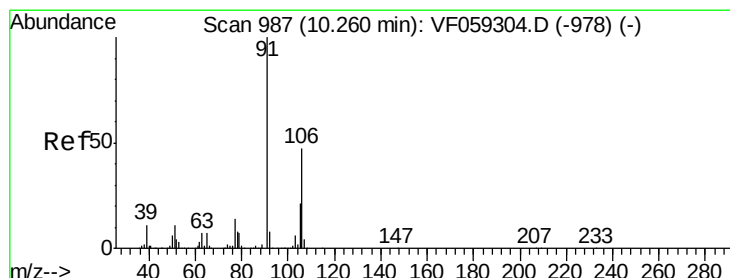
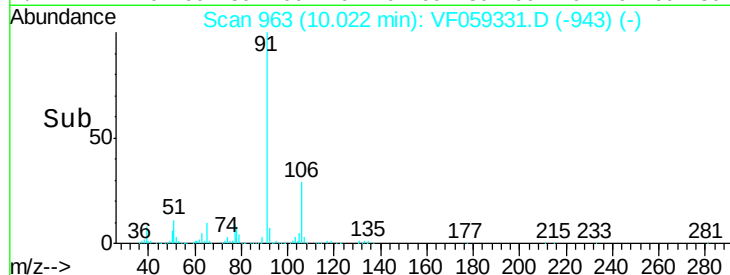
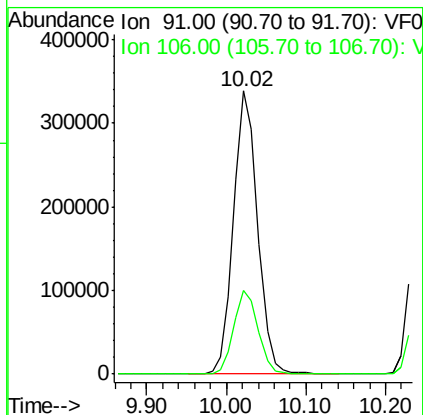
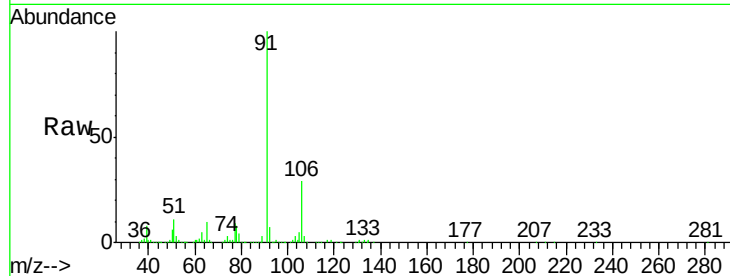
106 29.4 24.8 37.2

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#68

m/p-Xylenes

Concen: 84.28 ug/l

RT: 10.25 min Scan# 986

Delta R.T. -0.01 min

Lab File: VF059331.D

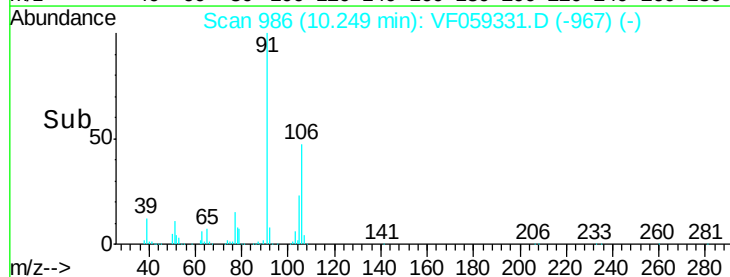
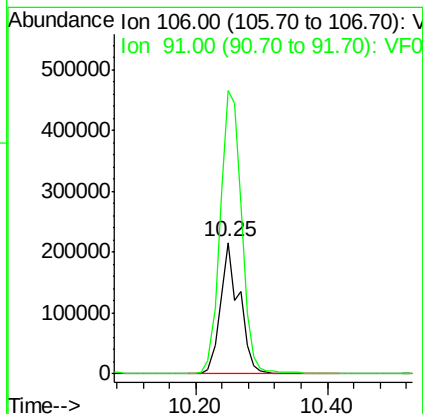
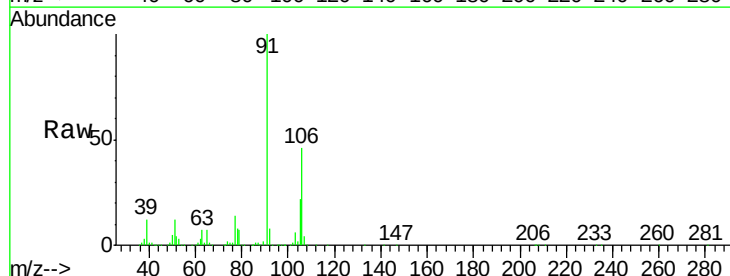
Acq: 27 Jun 2018 11:10

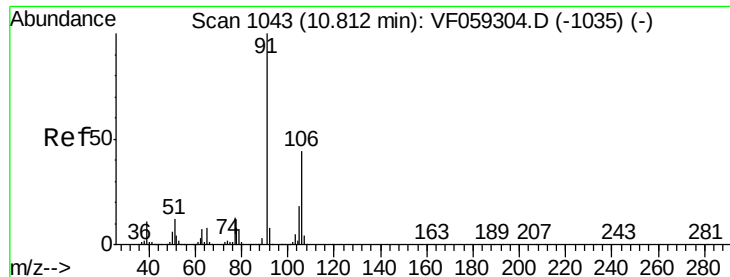
Tgt Ion: 106 Resp: 434094

Ion Ratio Lower Upper

106 100

91 215.1 170.8 256.2





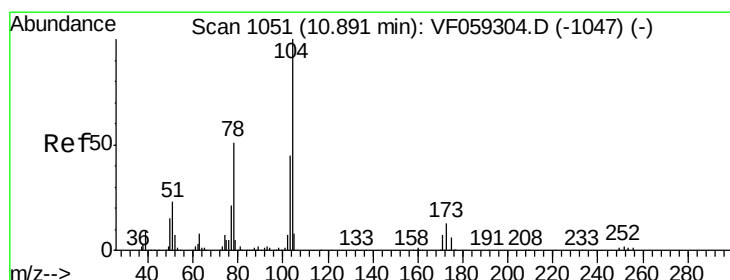
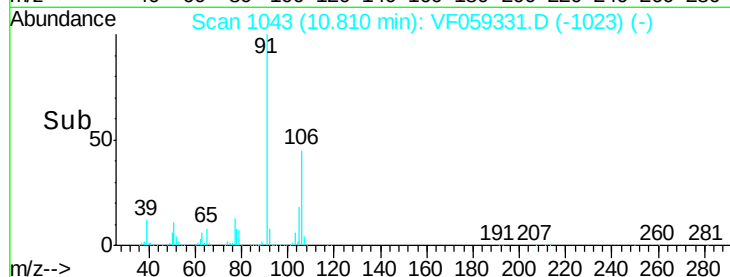
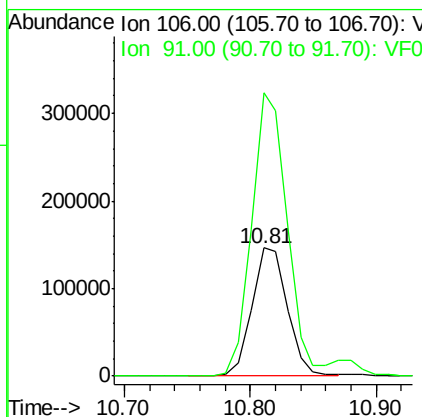
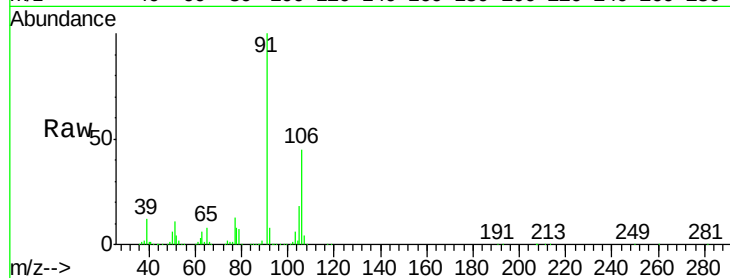
#69
o-Xylene
Concen: 49.69 ug/l
RT: 10.81 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	221.2	114.6	343.6

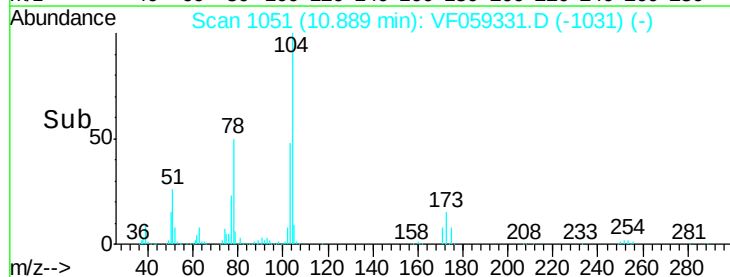
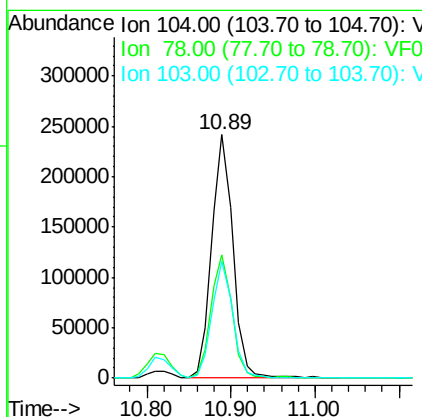
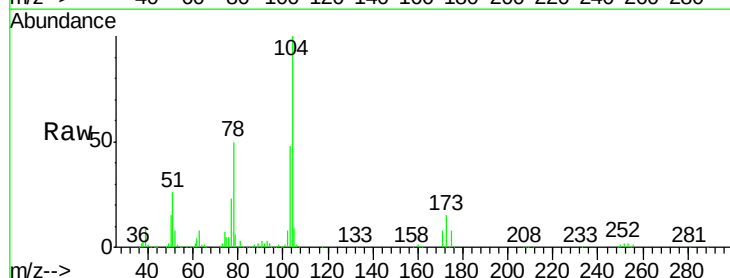
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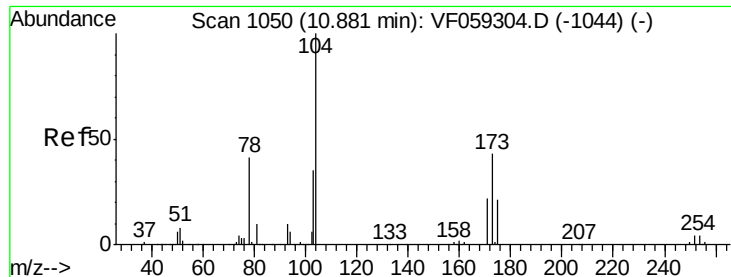
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#70
Styrene
Concen: 48.22 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.4	40.9	61.3
103	48.1	36.5	54.7





#71

Bromoform

Concen: 49.47 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 125098

Ion Ratio Lower Upper

173 100

175 51.3 24.8 74.3

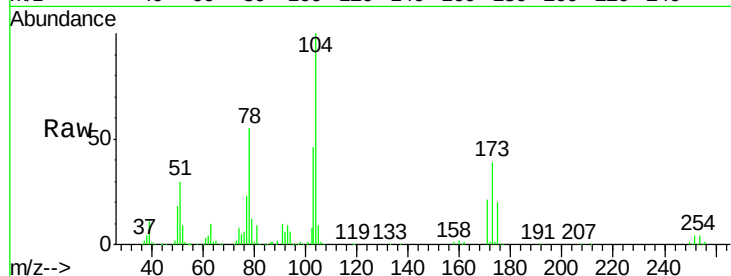
254 9.3 0.0 0.0#

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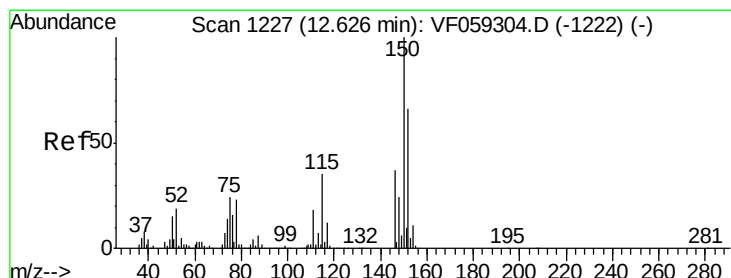
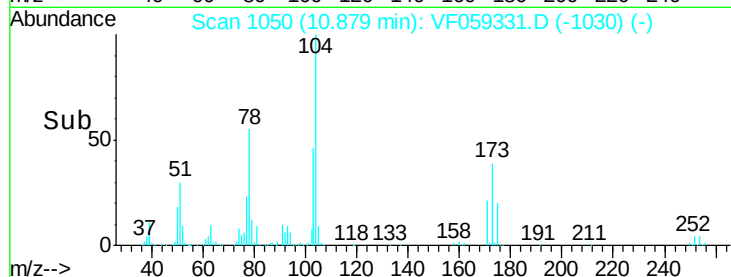
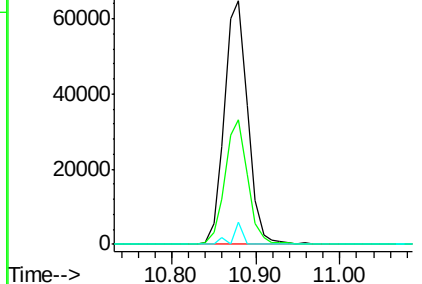
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Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

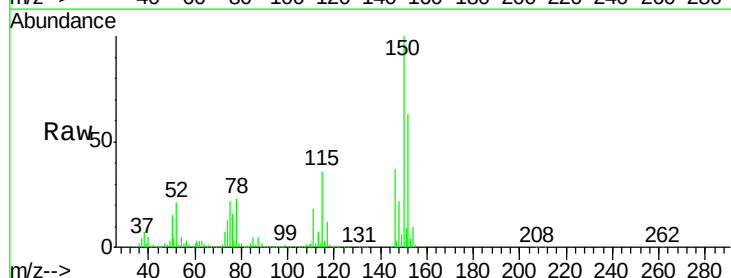
Tgt Ion:152 Resp: 273640

Ion Ratio Lower Upper

152 100

115 57.5 27.1 81.3

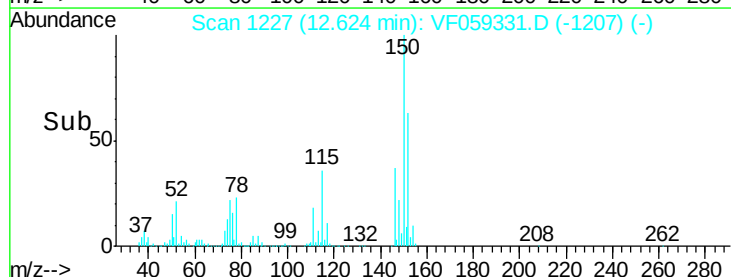
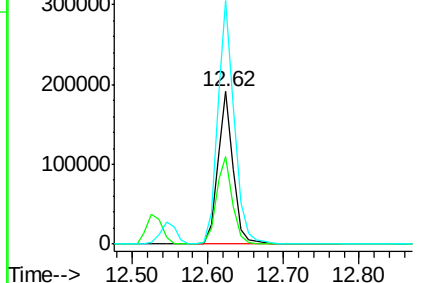
150 159.6 0.0 305.2

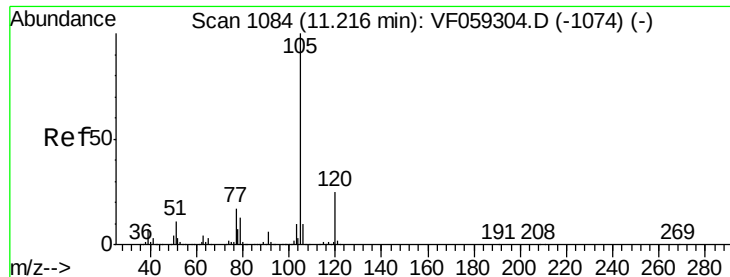


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 51.97 ug/l

RT: 11.21 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 828425

Ion Ratio Lower Upper

105 100

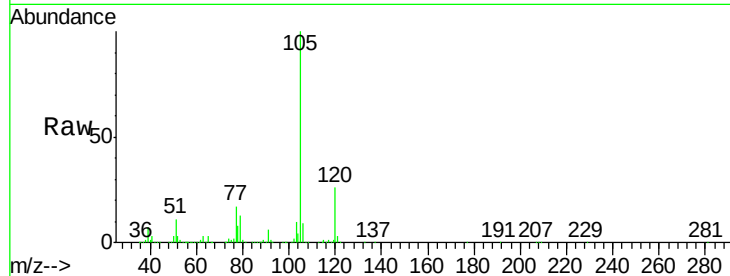
120 26.1 12.3 36.8

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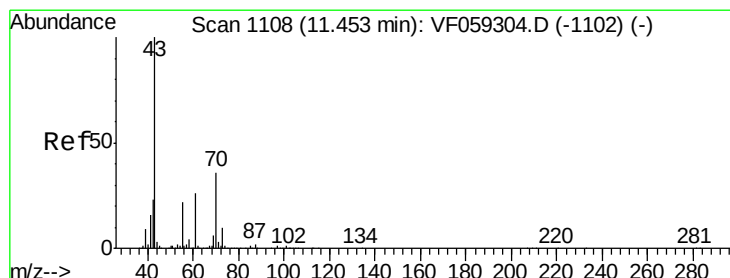
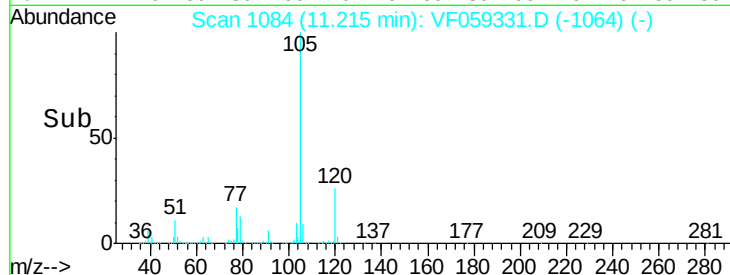
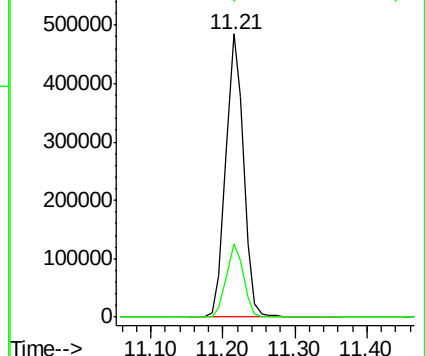
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.92 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Tgt Ion: 43 Resp: 306132

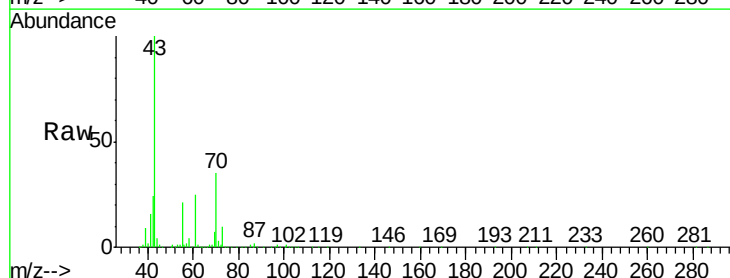
Ion Ratio Lower Upper

43 100

70 35.1 28.8 43.2

55 20.9 17.4 26.0

61 25.2 21.1 31.7

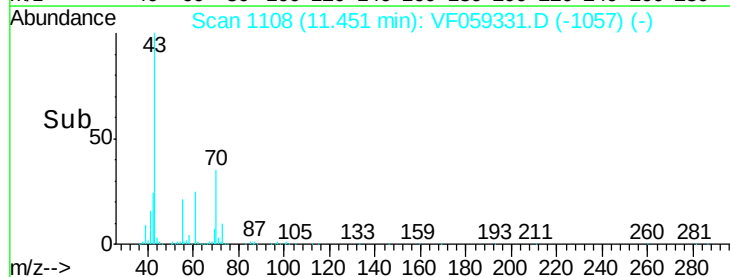
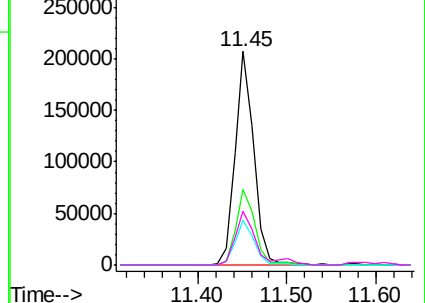


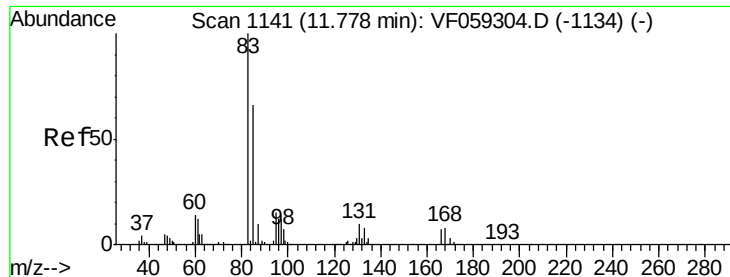
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.20 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

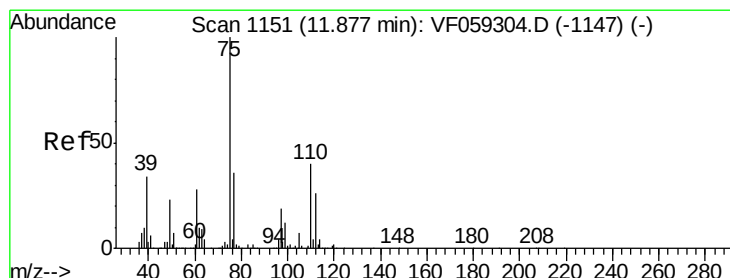
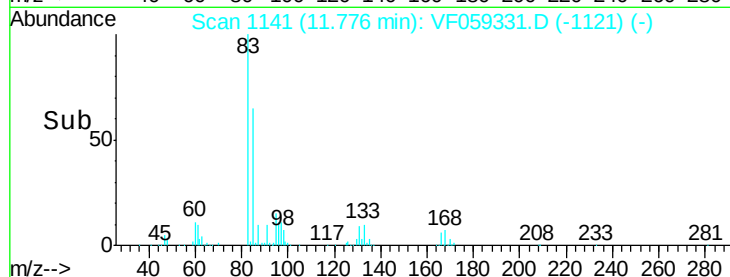
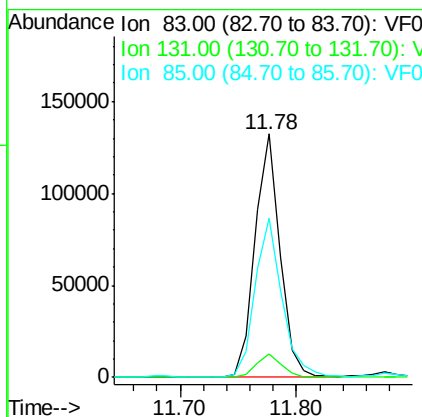
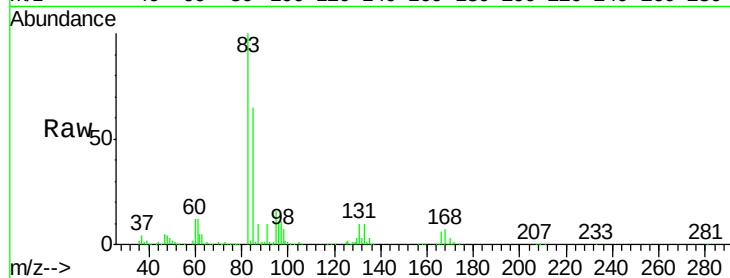
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	198069
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.6
85	65.2	32.8	98.4

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#76

1,2,3-Trichloropropane

Concen: 49.99 ug/l

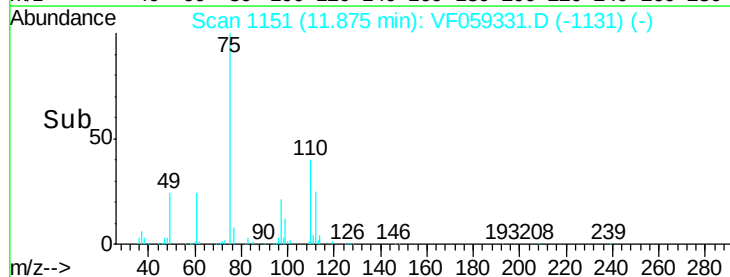
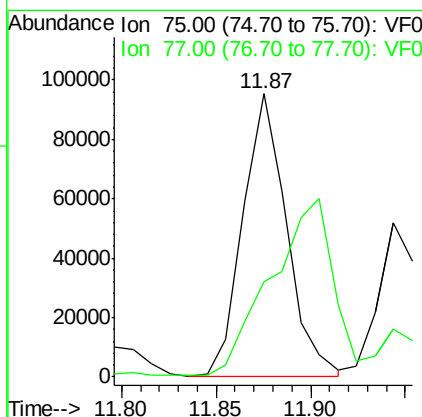
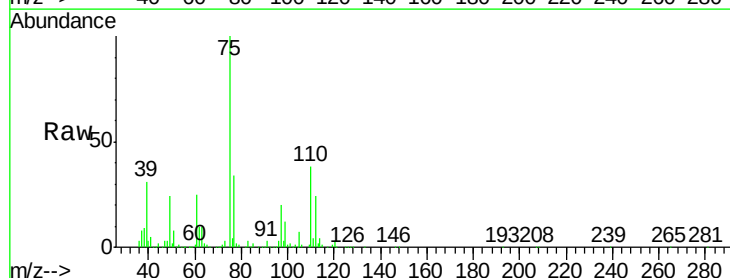
RT: 11.87 min Scan# 1151

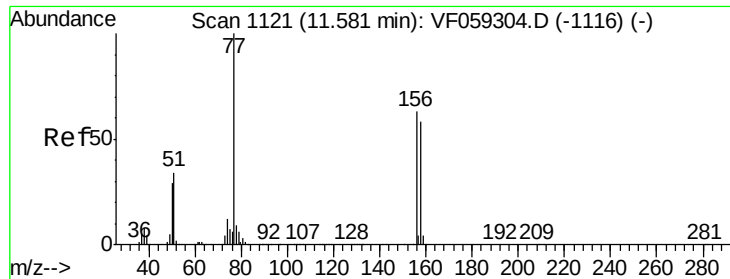
Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Tgt Ion:	75	Resp:	151808
Ion Ratio	Lower	Upper	
75	100		
77	33.7	18.0	54.0





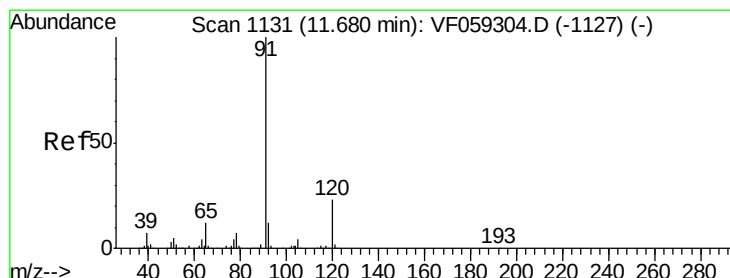
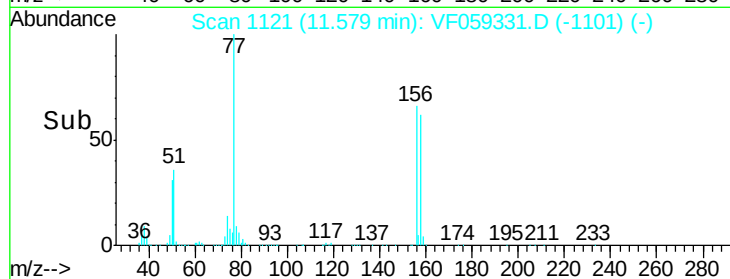
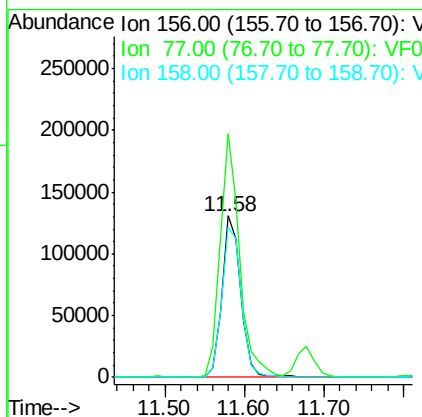
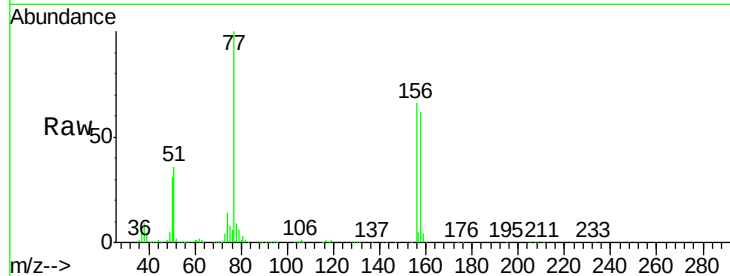
#77
Bromobenzene
Concen: 49.26 ug/l
RT: 11.58 min Scan# 1121
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	151.1	79.7	238.9	
158	93.2	46.2	138.6	

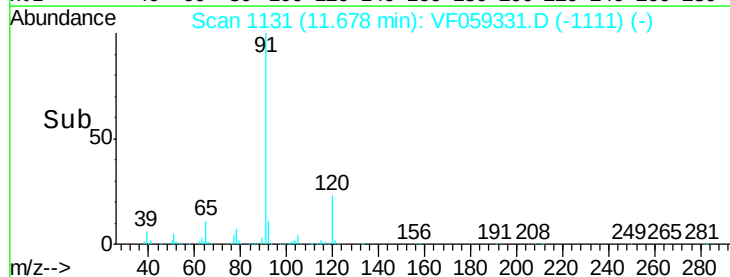
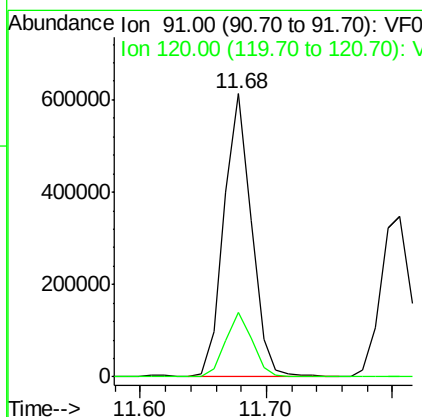
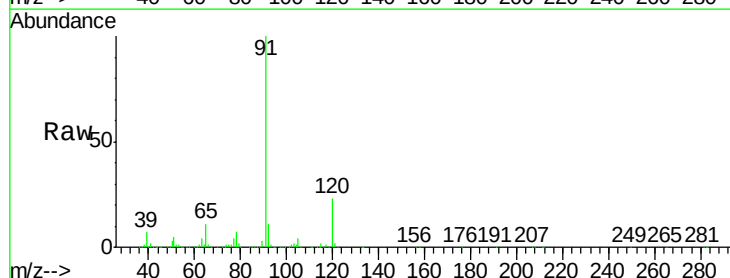
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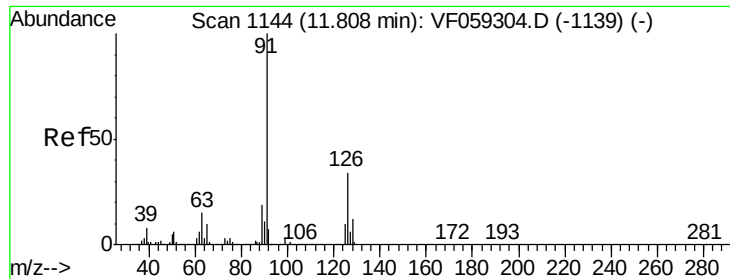
apatel
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#78
n-propylbenzene
Concen: 48.35 ug/l
RT: 11.68 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.7	11.7	35.0	





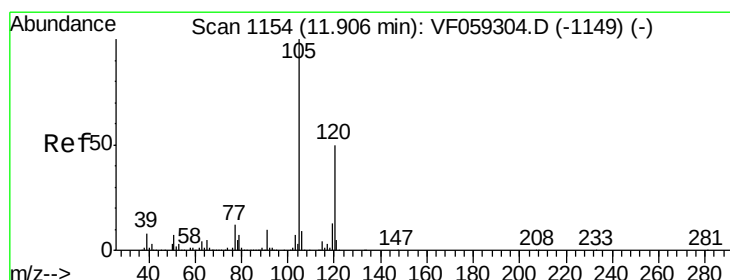
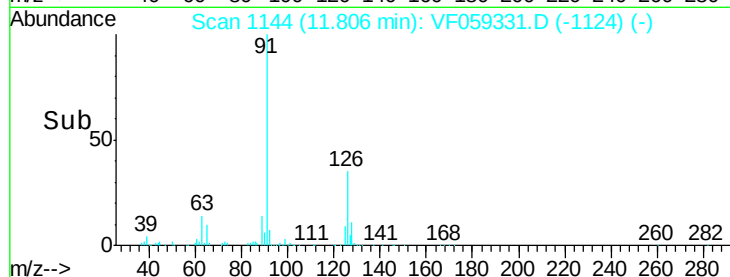
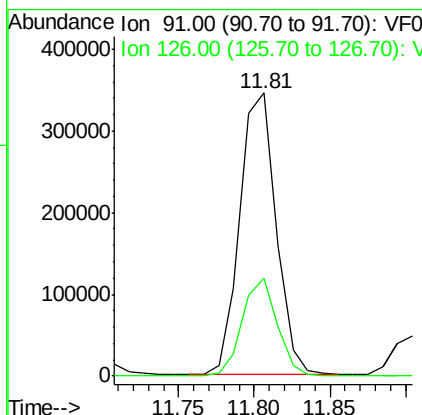
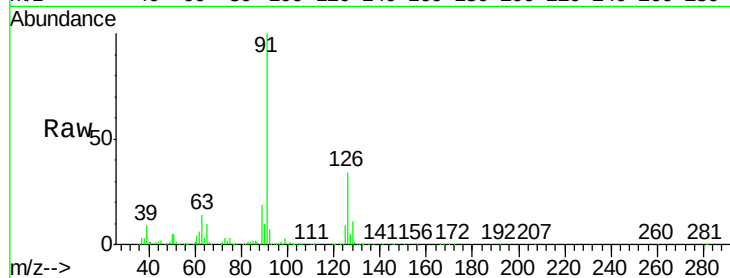
#79
 2-Chlorotoluene
 Concen: 49.36 ug/l
 RT: 11.81 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VF059331.D
 Acq: 27 Jun 2018 11:10

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 577346
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.2 51.5

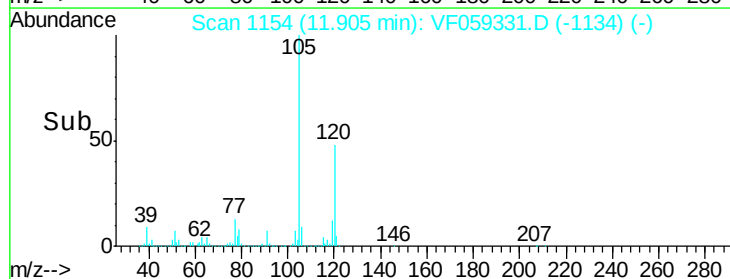
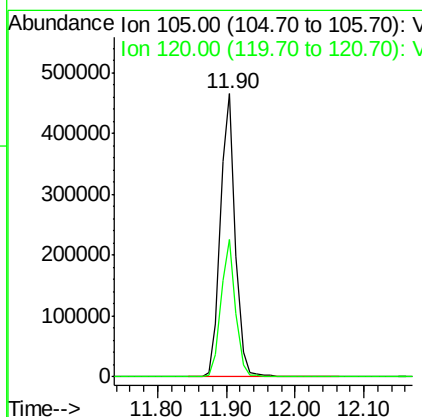
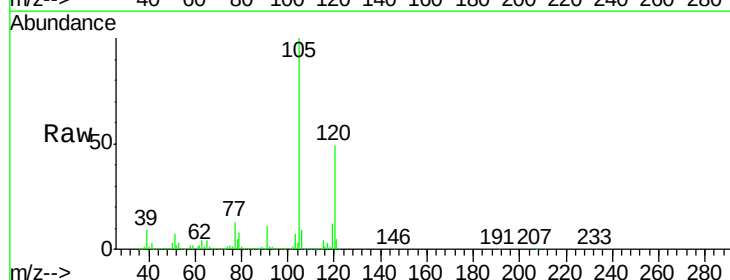
Manual Integrations
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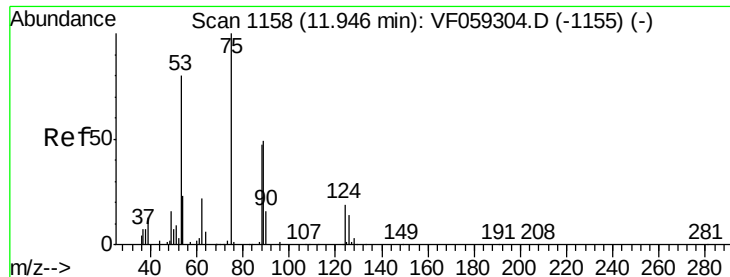
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.69 ug/l
 RT: 11.90 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VF059331.D
 Acq: 27 Jun 2018 11:10

Tgt Ion: 105 Resp: 693829
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 52.55 ug/l

RT: 11.94 min Scan# 1158

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 94994

Ion Ratio Lower Upper

75 100

53 77.7 68.8 103.2

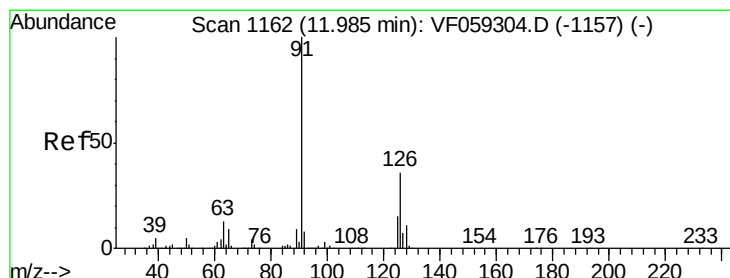
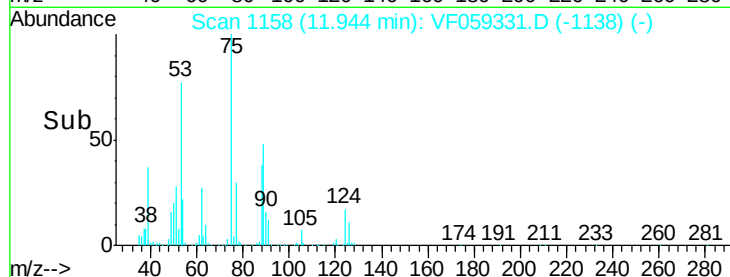
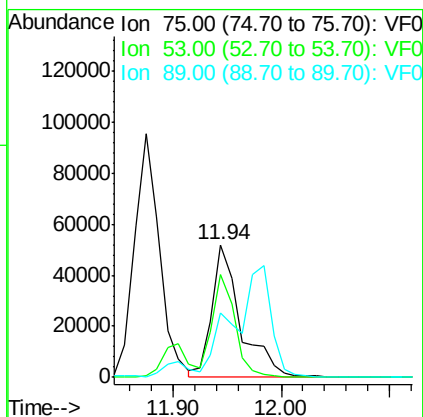
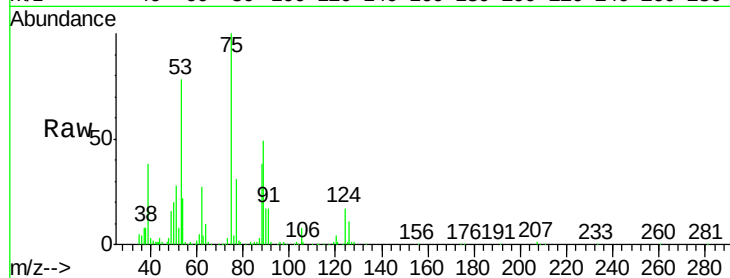
89 48.6 42.0 63.0

Manual Integrations

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#82

4-Chlorotoluene

Concen: 49.24 ug/l

RT: 11.98 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VF059331.D

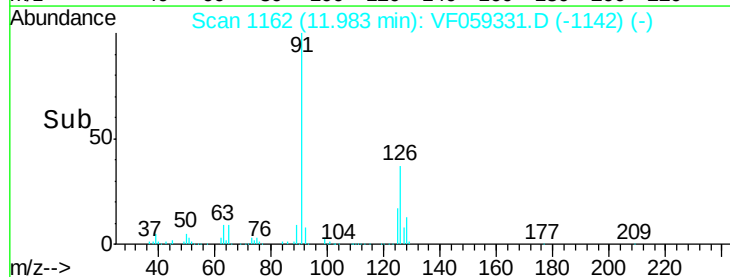
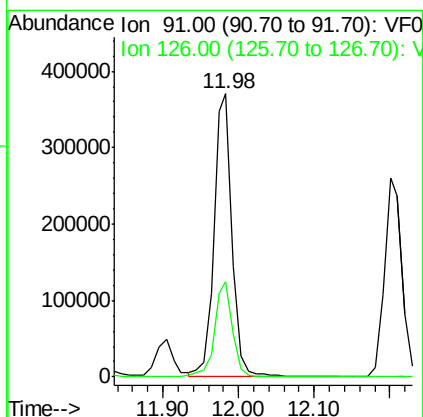
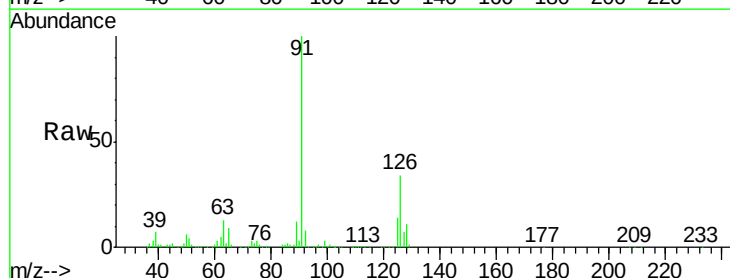
Acq: 27 Jun 2018 11:10

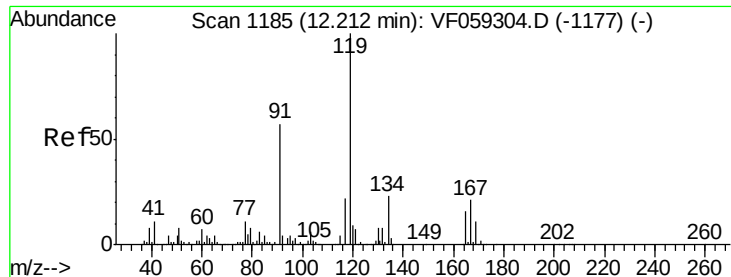
Tgt Ion: 91 Resp: 616952

Ion Ratio Lower Upper

91 100

126 33.8 18.2 54.6





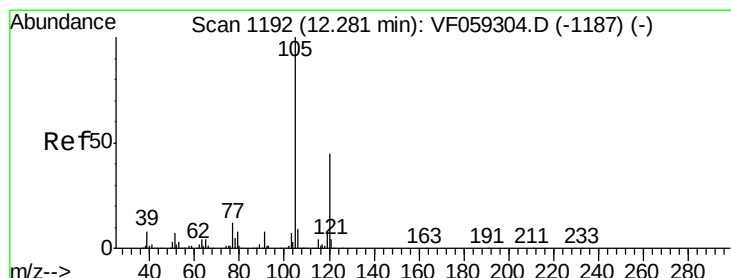
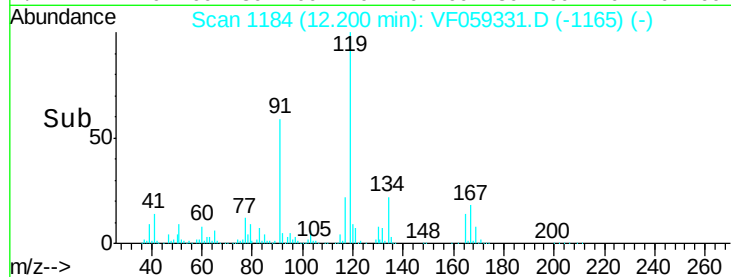
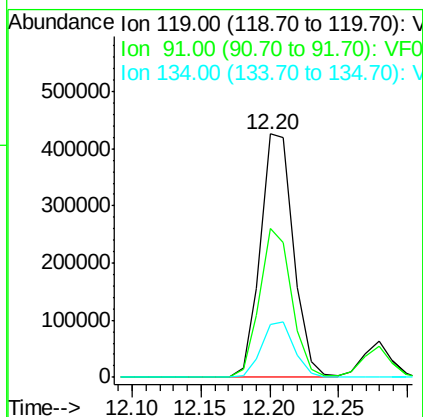
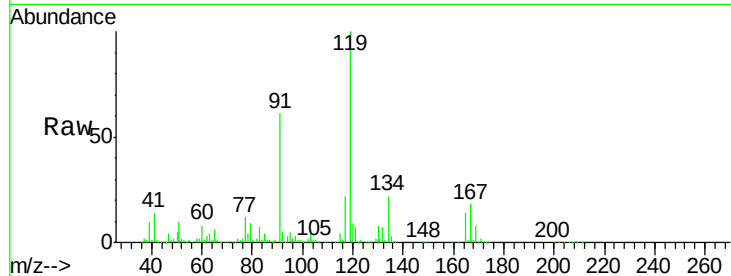
#83
 tert-Butylbenzene
 Concen: 51.39 ug/l
 RT: 12.20 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: VF059331.D
 Acq: 27 Jun 2018 11:10

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	717753		
91	61.2		28.4	85.2
134	22.0		11.7	35.1

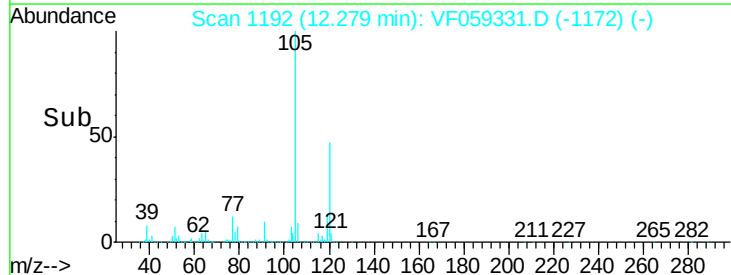
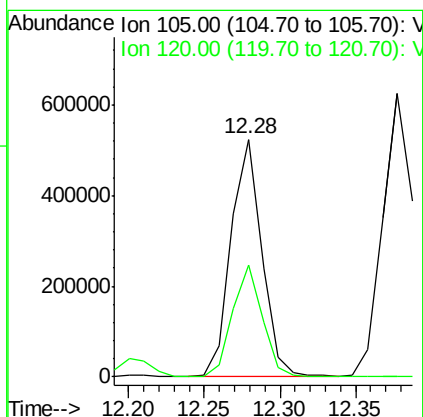
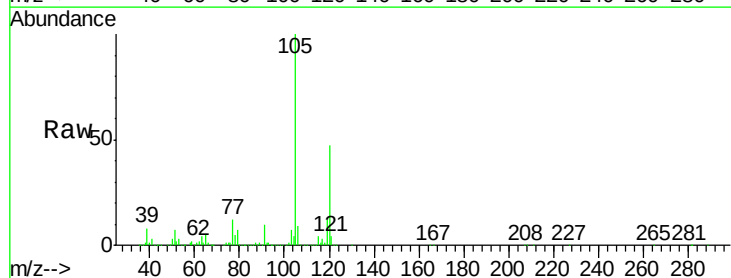
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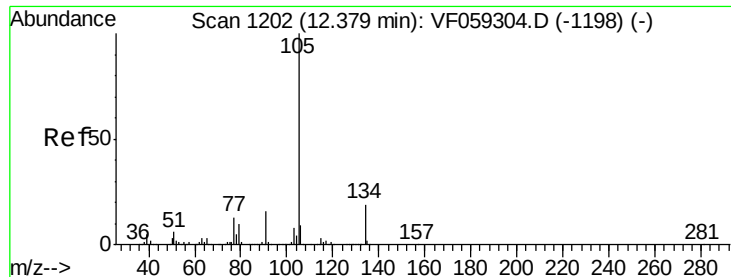
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.38 ug/l
 RT: 12.28 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: VF059331.D
 Acq: 27 Jun 2018 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	740959		
120	46.9		22.8	68.4





#85

sec-Butylbenzene

Concen: 49.13 ug/l

RT: 12.38 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 909501

Ion Ratio Lower Upper

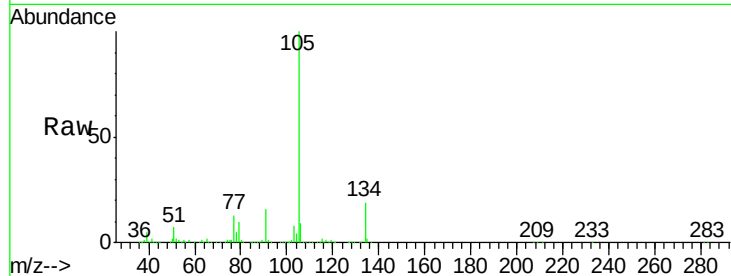
105 100

134 19.0 9.4 28.3

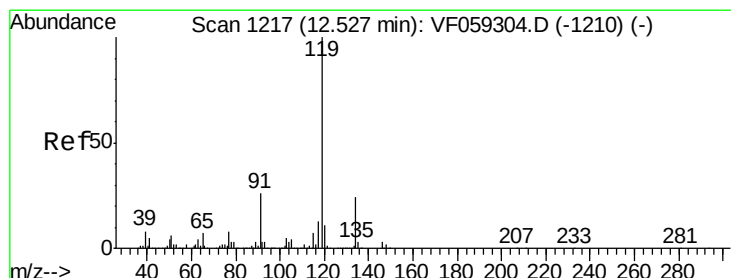
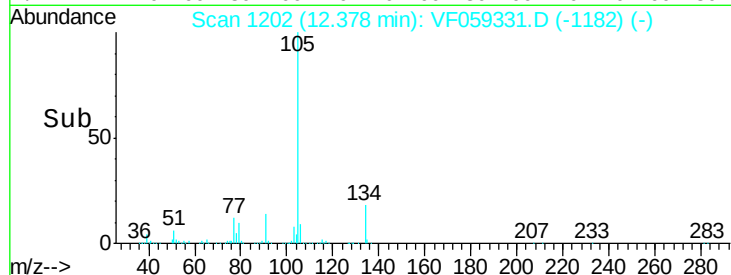
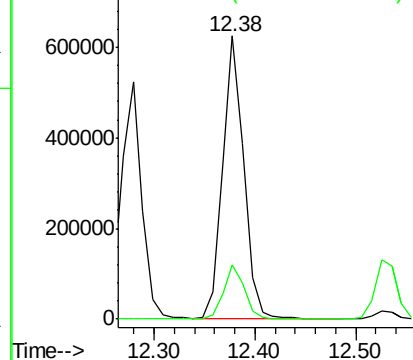
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.49 ug/l

RT: 12.53 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

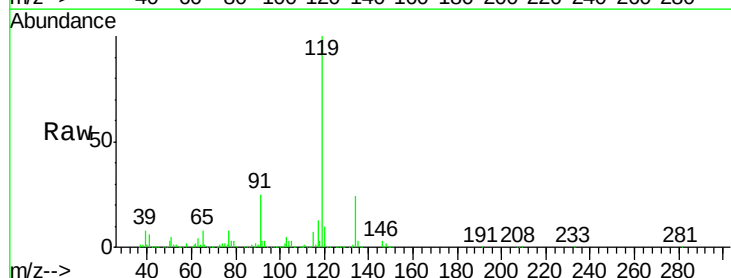
Tgt Ion:119 Resp: 800029

Ion Ratio Lower Upper

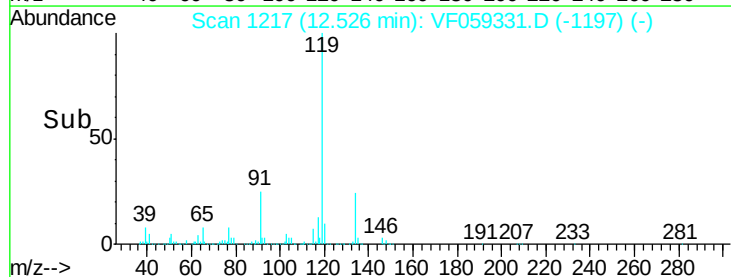
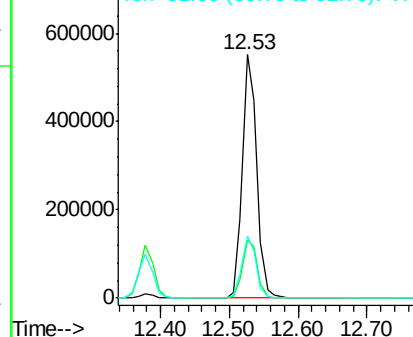
119 100

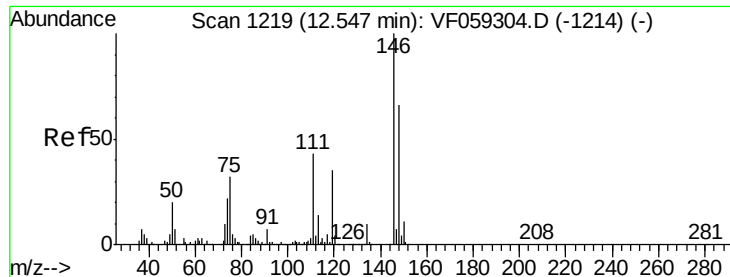
134 23.9 12.2 36.4

91 25.3 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): VF0





#87

1,3-Dichlorobenzene

Concen: 53.91 ug/l

RT: 12.55 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

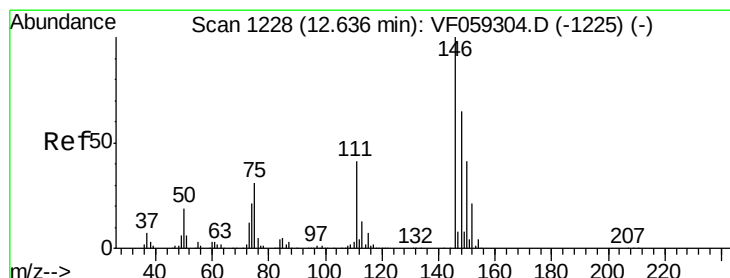
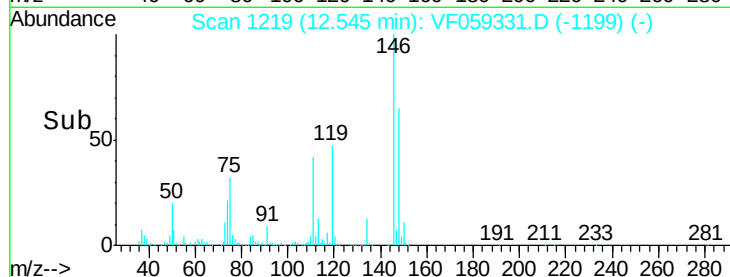
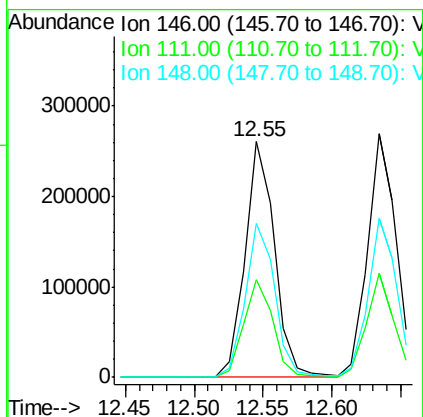
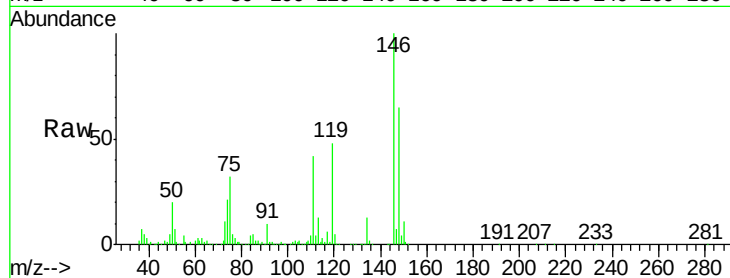
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	391015
Ion Ratio	Lower	Upper	
146	100		
111	41.5	21.4	64.2
148	65.3	32.8	98.4

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#88

1,4-Dichlorobenzene

Concen: 50.38 ug/l

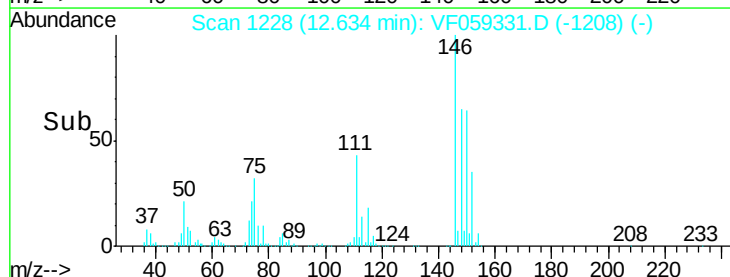
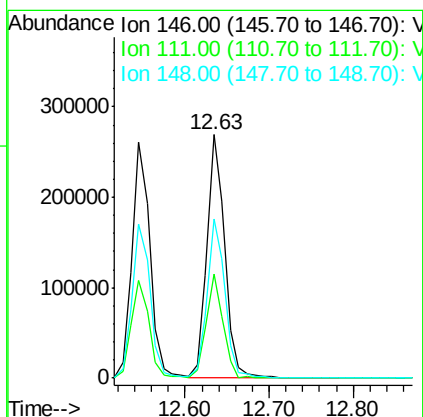
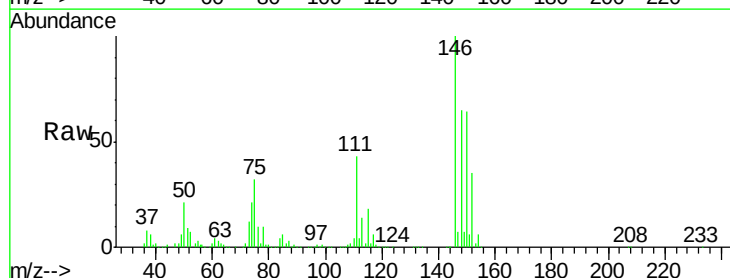
RT: 12.63 min Scan# 1228

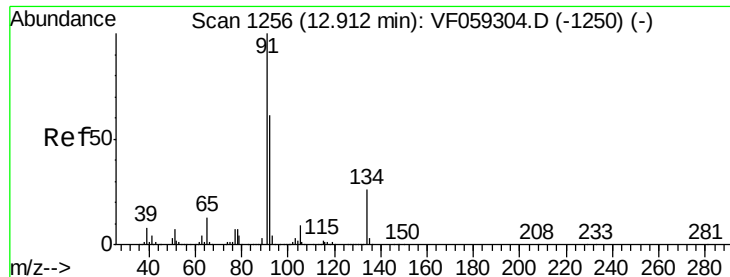
Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Tgt Ion:	146	Resp:	397964
Ion Ratio	Lower	Upper	
146	100		
111	42.9	20.7	62.1
148	65.2	32.8	98.3





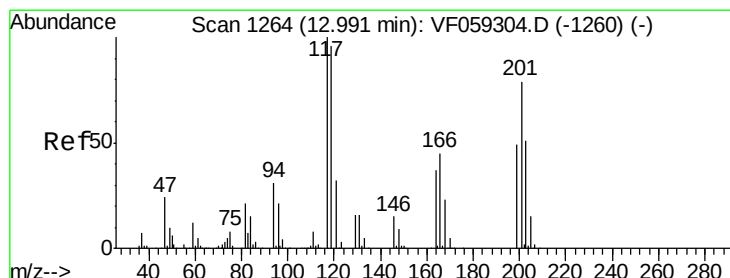
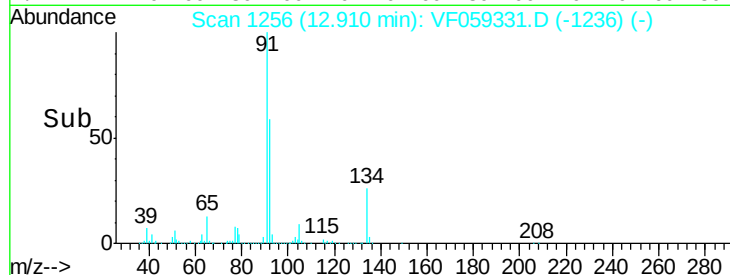
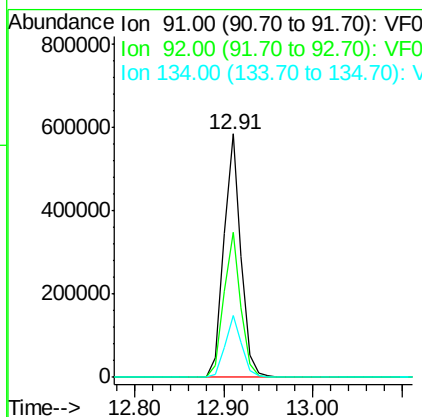
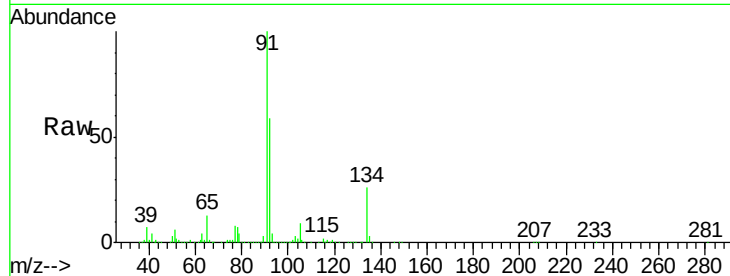
#89
n-Butylbenzene
Concen: 50.13 ug/l
RT: 12.91 min Scan# 1256
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	59.4	30.3	91.0
134	25.6	12.9	38.7

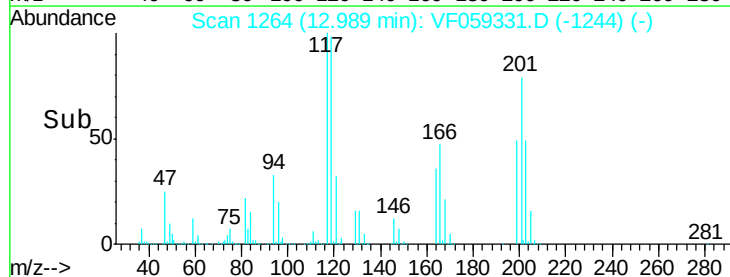
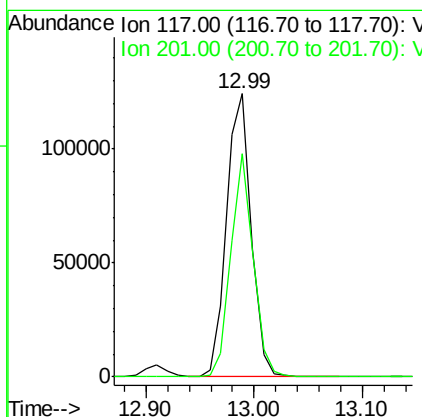
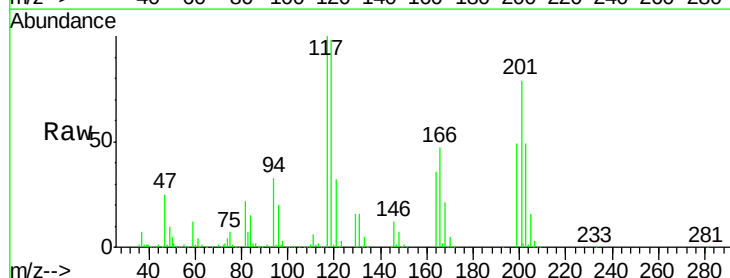
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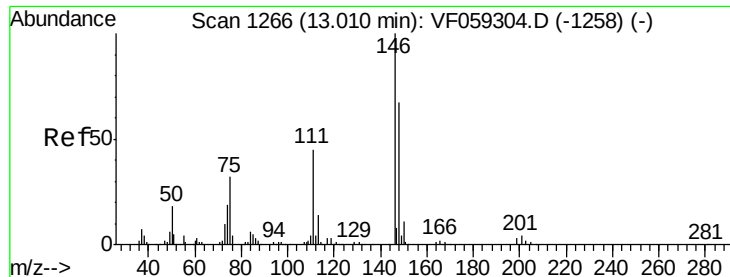
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#90
Hexachloroethane
Concen: 50.97 ug/l
RT: 12.99 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.8	39.5	118.5





#91

1,2-Dichlorobenzene

Concen: 49.76 ug/l

RT: 13.01 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Instrument :

MSVOA_F

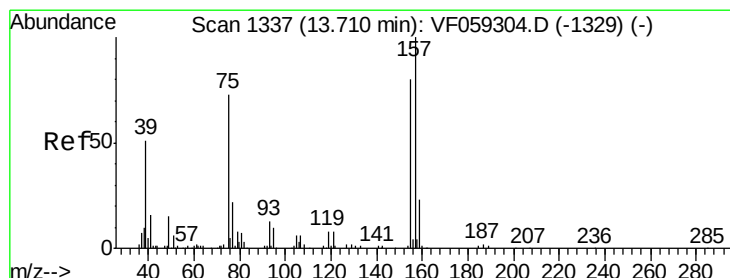
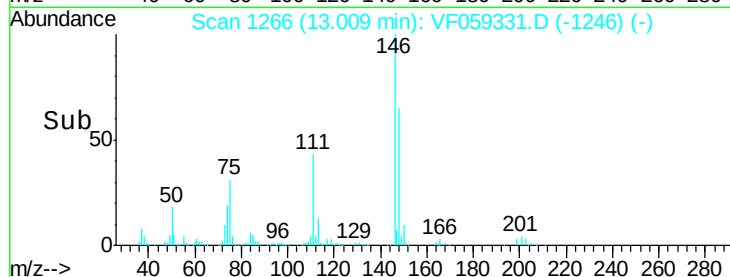
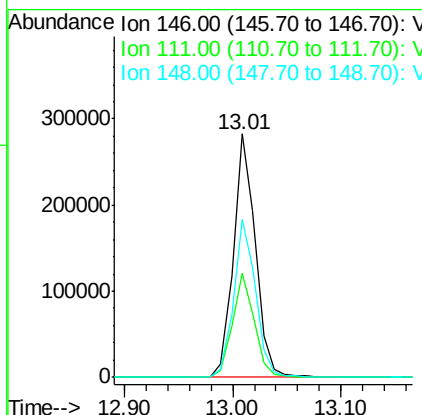
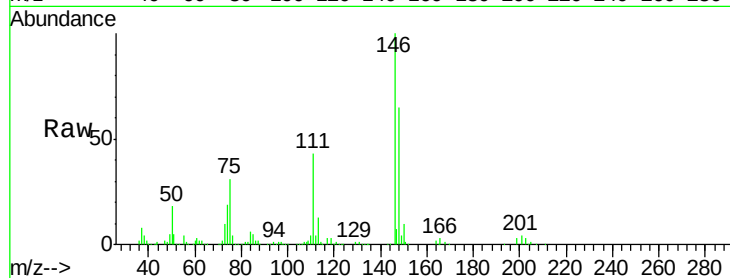
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	399551
Ion Ratio	Lower	Upper	
146	100		
111	42.9	22.7	68.0
148	64.7	33.5	100.4

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#92

1,2-Dibromo-3-Chloropropane

Concen: 48.79 ug/l

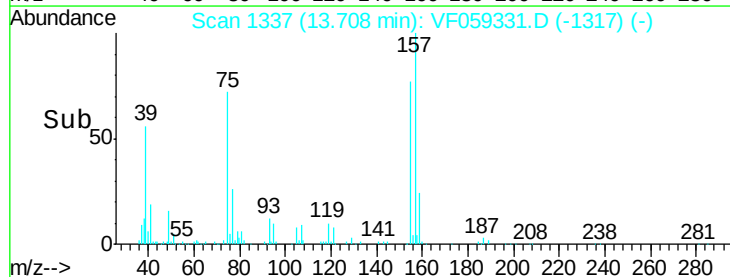
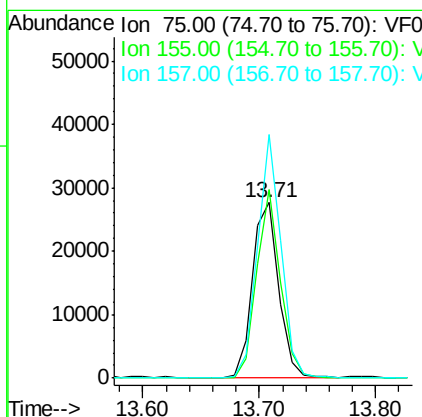
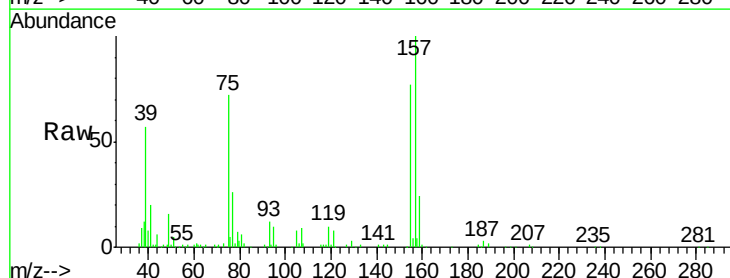
RT: 13.71 min Scan# 1337

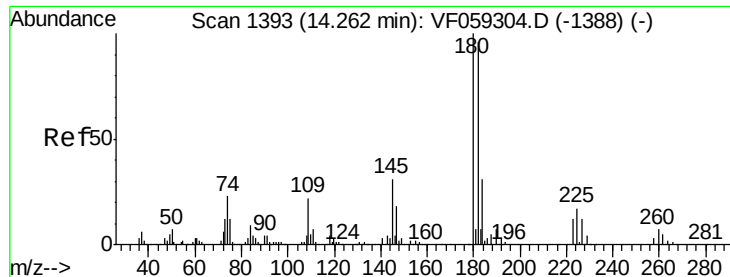
Delta R.T. -0.00 min

Lab File: VF059331.D

Acq: 27 Jun 2018 11:10

Tgt Ion:	75	Resp:	43544
Ion Ratio	Lower	Upper	
75	100		
155	107.1	54.6	163.8
157	138.6	68.7	205.9





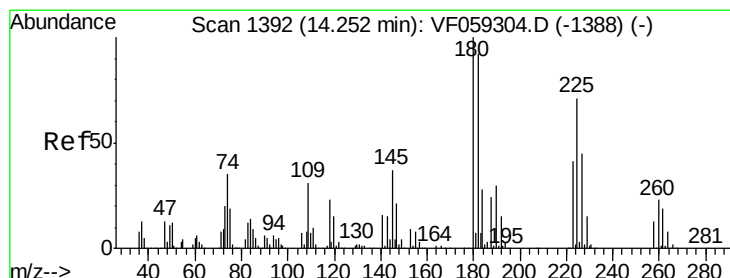
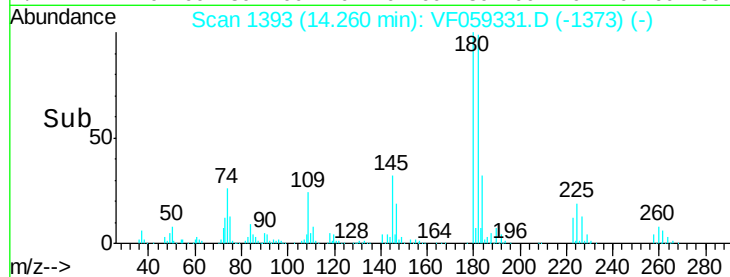
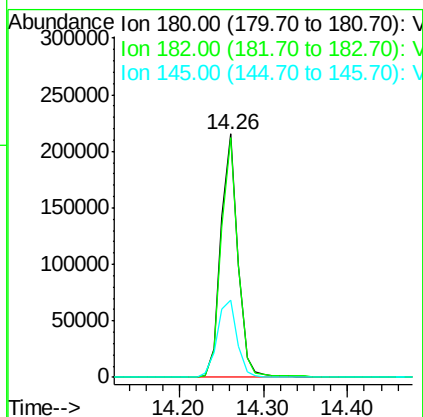
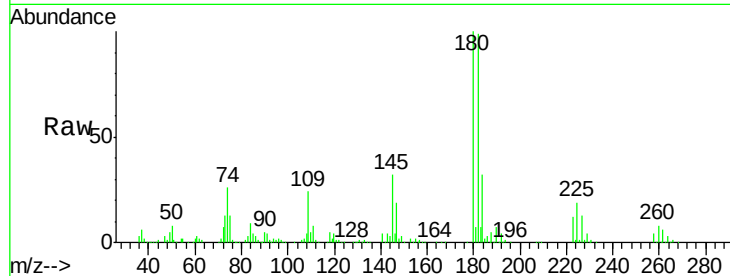
#93
1,2,4-Trichlorobenzene
Concen: 51.39 ug/l
RT: 14.26 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	305126		
182	98.6	48.1	144.3	
145	31.6	15.3	45.8	

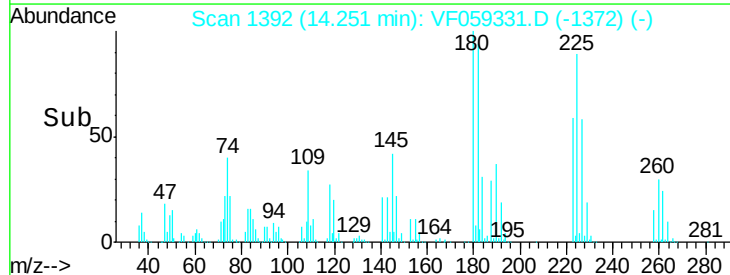
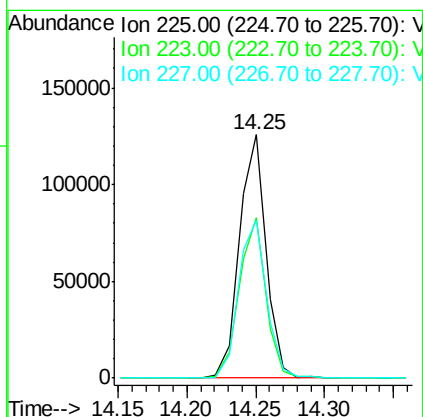
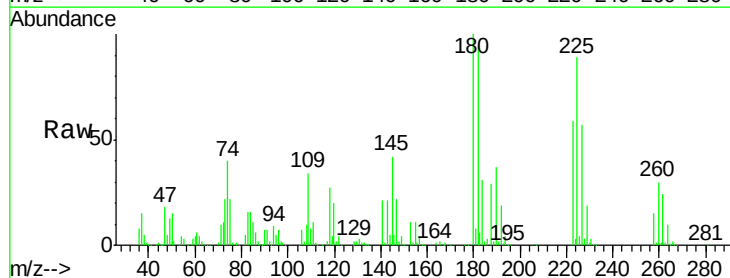
Manual Integrations
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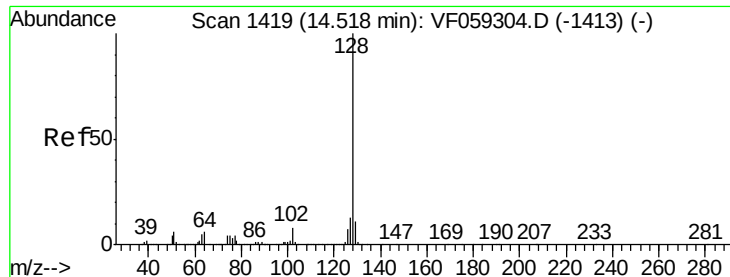
apatel
6/28/2018 11:09:43 AM



#94
Hexachlorobutadiene
Concen: 51.30 ug/l
RT: 14.25 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	170138		
223	66.0	28.9	86.8	
227	64.7	31.3	93.8	





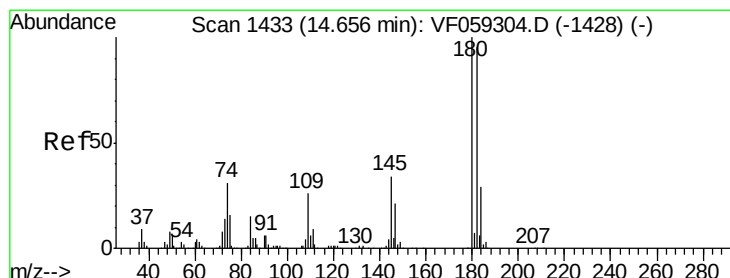
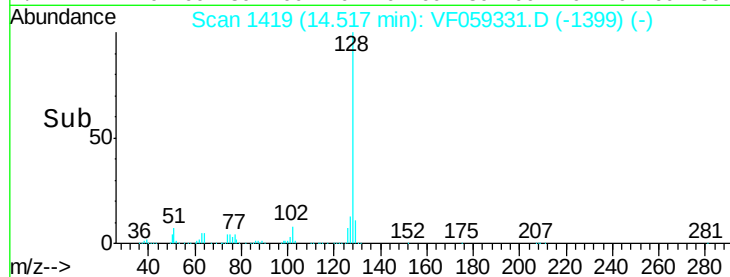
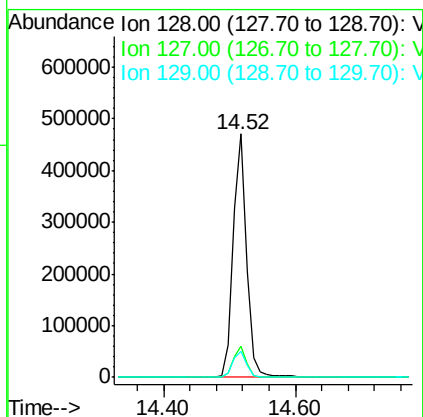
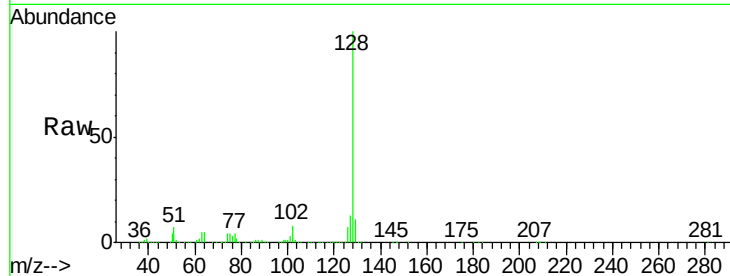
#95
Naphthalene
Concen: 54.39 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. -0.00 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.7	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.20 ug/l
RT: 14.66 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VF059331.D
Acq: 27 Jun 2018 11:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.5	142.5
145	30.4	17.0	50.9

