

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059543.D
 Acq On : 19 Jul 2018 6:24
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/19/2018 11:12:14 AM

Quant Time: Jul 19 07:20:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	212247	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	325392	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	338127	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	213756	50.00	ug/l	-0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.00	65	190400	57.68	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	115.36%	
35) Dibromofluoromethane	4.28	113	151673	53.82	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	107.64%	
50) Toluene-d8	7.71	98	370697	52.22	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	11.50	95	211123	56.69	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	113.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.98	85	128351	49.36	ug/l	88
3) Chloromethane	1.08	50	68063	47.57	ug/l	89
4) Vinyl Chloride	1.15	62	74277	51.45	ug/l	97
5) Bromomethane	1.34	94	55010	54.98	ug/l	92
6) Chloroethane	1.43	64	41550	57.07	ug/l #	89
7) Trichlorofluoromethane	1.49	101	174506m	49.39	ug/l	
8) Diethyl Ether	1.69	74	35955	52.88	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	1.90	101	94704	63.47	ug/l	92
10) Methyl Iodide	1.96	142	174800m	66.92	ug/l	
11) Tert butyl alcohol	2.68	59	34263	245.91	ug/l	97
12) 1,1-Dichloroethene	1.85	96	78042	49.18	ug/l	95
13) Acrolein	2.09	56	15883	276.02	ug/l	85
14) Allyl chloride	2.19	41	140559	70.98	ug/l	94
15) Acrylonitrile	3.06	53	77217	278.81	ug/l	97
16) Acetone	2.32	43	136977	281.27	ug/l	97
17) Carbon Disulfide	1.83	76	192797m	47.41	ug/l	
18) Methyl Acetate	2.44	43	56998	56.95	ug/l	94
19) Methyl tert-butyl Ether	2.53	73	256566	51.54	ug/l	98
20) Methylene Chloride	2.27	84	83530	56.70	ug/l #	78
21) trans-1,2-Dichloroethene	2.40	96	76219	51.95	ug/l	87
22) Diisopropyl ether	2.91	45	276533	49.69	ug/l	92
23) Vinyl Acetate	3.32	43	812671	249.87	ug/l #	95
24) 1,1-Dichloroethane	2.99	63	194174	56.49	ug/l	99
25) 2-Butanone	4.50	43	171511	223.79	ug/l	99
26) 2,2-Dichloropropane	3.75	77	125174	55.05	ug/l	97
27) cis-1,2-Dichloroethene	3.62	96	103200	60.44	ug/l	95
28) Bromochloromethane	3.88	49	77265	51.07	ug/l	96
29) Tetrahydrofuran	4.25	42	77580	248.63	ug/l	98
30) Chloroform	4.03	83	267289	53.83	ug/l	96
31) Cyclohexane	3.85	56	102981	57.84	ug/l	93
32) 1,1,1-Trichloroethane	4.26	97	208374	64.58	ug/l	97
36) 1,1-Dichloropropene	4.45	75	156922	48.18	ug/l #	91
37) Ethyl Acetate	4.27	43	82074	46.37	ug/l #	4
38) Carbon Tetrachloride	4.16	117	216812m	58.09	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.62	83	133507	54.01	ug/l	93
40) Benzene	4.80	78	296194	46.88	ug/l	97
41) Methacrylonitrile	4.91	41	42321	45.31	ug/l #	91
42) 1,2-Dichloroethane	5.10	62	218358	52.61	ug/l	99
43) Isopropyl Acetate	7.10	43	107629	45.99	ug/l #	99
44) Trichloroethene	5.66	130	111016	47.47	ug/l	95
45) 1,2-Dichloropropane	6.39	63	89673	51.13	ug/l	95
46) Dibromomethane	6.25	93	81983	51.33	ug/l	97
47) Bromodichloromethane	6.53	83	218384	53.12	ug/l	94
48) Methyl methacrylate	6.86	41	75482	45.16	ug/l	95
49) 1,4-Dioxane	6.86	88	9128	1235.58	ug/l #	75
51) 4-Methyl-2-Pentanone	8.40	43	379009	228.46	ug/l	100
52) Toluene	7.77	92	232865	50.82	ug/l	99
53) t-1,3-Dichloropropene	8.41	75	187397	49.55	ug/l	96
54) cis-1,3-Dichloropropene	7.45	75	191603	50.89	ug/l	98
55) 1,1,2-Trichloroethane	8.63	97	93965	52.92	ug/l	95
56) Ethyl methacrylate	8.75	69	110652	50.25	ug/l	97
57) 1,3-Dichloropropane	8.99	76	157763	50.25	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.76	63	48553	249.76	ug/l	100
59) 2-Hexanone	9.62	43	296302	236.33	ug/l	95
60) Dibromochloromethane	8.85	129	163270	54.56	ug/l	96
61) 1,2-Dibromoethane	9.12	107	114192	51.83	ug/l	99
64) Tetrachloroethene	8.30	164	124410	49.41	ug/l	95
65) Chlorobenzene	9.93	112	321345	50.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.06	131	144714	50.10	ug/l	94
67) Ethyl Benzene	10.03	91	552547	48.95	ug/l	97
68) m/p-Xylenes	10.26	106	386690	97.06	ug/l	97
69) o-Xylene	10.82	106	218345	51.47	ug/l	94
70) Styrene	10.90	104	323154	49.56	ug/l	98
71) Bromoform	10.88	173	97708	48.70	ug/l	92
73) Isopropylbenzene	11.22	105	621641	46.09	ug/l	100
74) N-amyl acetate	11.46	43	186260	43.12	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.78	83	136193	46.29	ug/l	97
76) 1,2,3-Trichloropropane	11.87	75	111518	46.42	ug/l	90
77) Bromobenzene	11.59	156	179094	47.37	ug/l	93
78) n-propylbenzene	11.68	91	777384	50.24	ug/l	97
79) 2-Chlorotoluene	11.81	91	467265	49.03	ug/l	98
80) 1,3,5-Trimethylbenzene	11.90	105	548215	48.50	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.95	75	47475m	43.26	ug/l	
82) 4-Chlorotoluene	11.98	91	525407	49.20	ug/l	94
83) tert-Butylbenzene	12.21	119	544854	50.23	ug/l	96
84) 1,2,4-Trimethylbenzene	12.28	105	585326	50.34	ug/l	97
85) sec-Butylbenzene	12.38	105	718853	52.11	ug/l	94
86) p-Isopropyltoluene	12.54	119	619815	51.64	ug/l	98
87) 1,3-Dichlorobenzene	12.55	146	316487	48.80	ug/l	97
88) 1,4-Dichlorobenzene	12.64	146	316189	49.47	ug/l	96
89) n-Butylbenzene	12.91	91	583896	51.98	ug/l	96
90) Hexachloroethane	12.99	117	153898	56.45	ug/l	98
91) 1,2-Dichlorobenzene	13.02	146	313114	50.48	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.71	75	30853	46.29	ug/l	86

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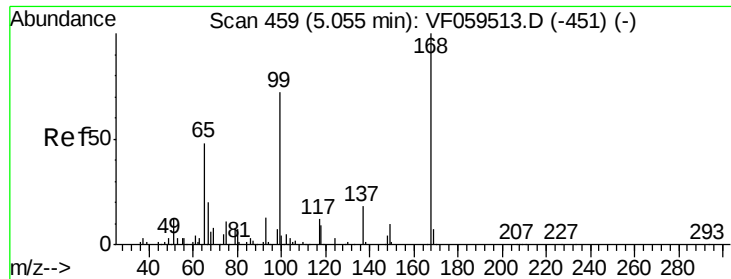
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	226193	60.01	µg/l	99
94) Hexachlorobutadiene	14.25	225	135010	69.92	µg/l	100
95) Naphthalene	14.52	128	455383	58.16	µg/l	100
96) 1,2,3-Trichlorobenzene	14.66	180	222786	65.42	µg/l	96

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.02 min

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Acq: 19 Jul 2018 6:24

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 212247

Ion Ratio Lower Upper

168 100

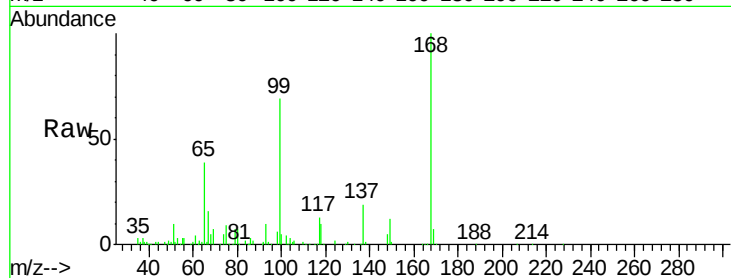
99 69.4 57.6 86.4

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

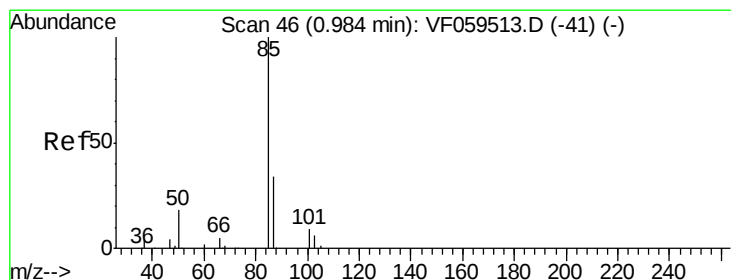
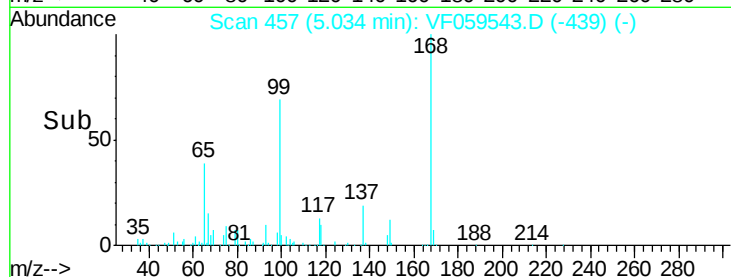
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.36 ug/l

RT: 0.98 min Scan# 46

Delta R.T. -0.00 min

Lab File: VF059543.D

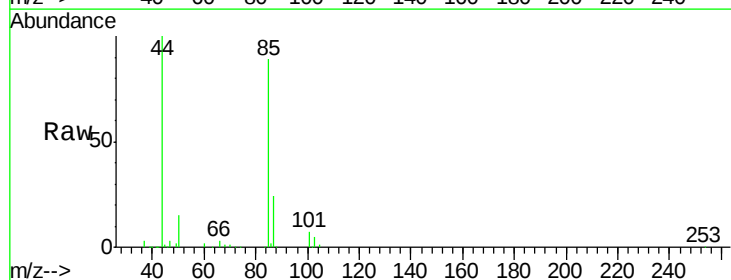
Acq: 19 Jul 2018 6:24

Tgt Ion: 85 Resp: 128351

Ion Ratio Lower Upper

85 100

87 27.1 16.9 50.6



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.98

40000

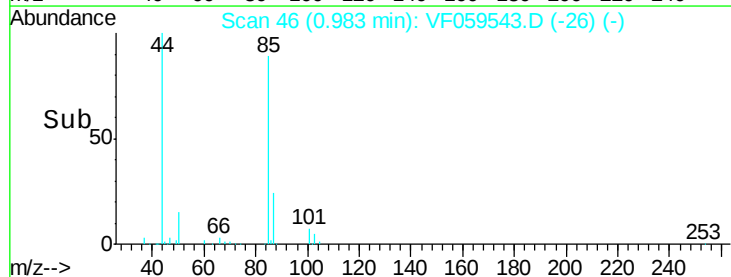
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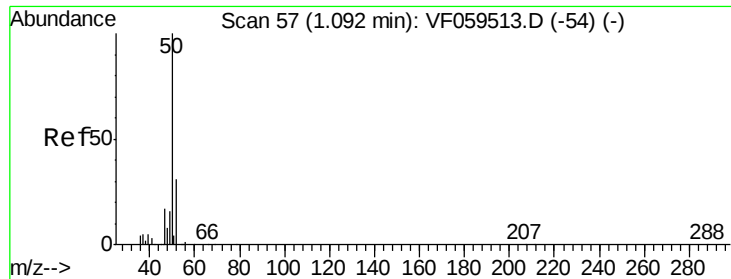
20000

10000

0

Time-->





#3

Chloromethane

Concen: 47.57 ug/l

RT: 1.08 min Scan# 56

Delta R.T. -0.01 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 68063

Ion Ratio Lower Upper

50 100

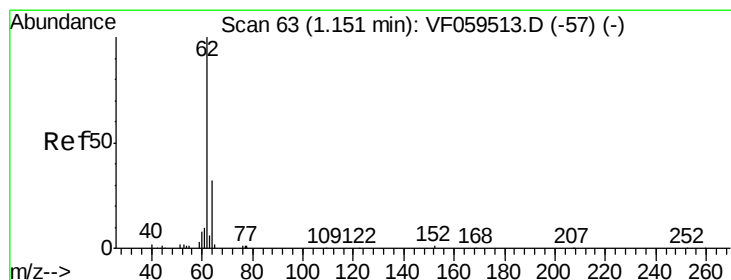
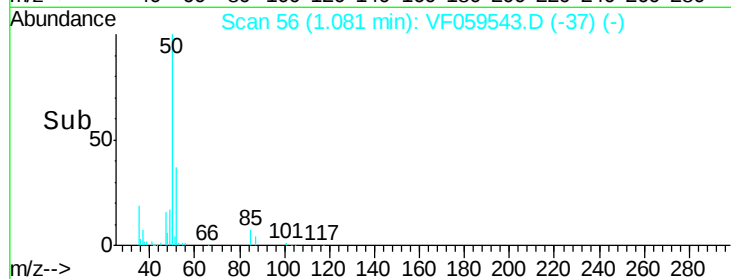
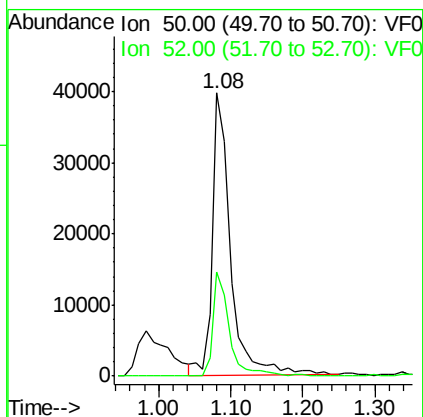
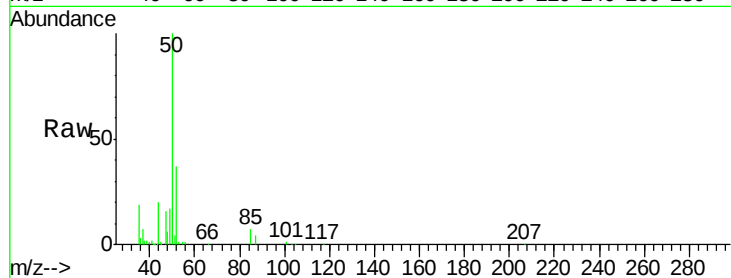
52 36.6 24.6 37.0

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#4

Vinyl Chloride

Concen: 51.45 ug/l

RT: 1.15 min Scan# 63

Delta R.T. -0.00 min

Lab File: VF059543.D

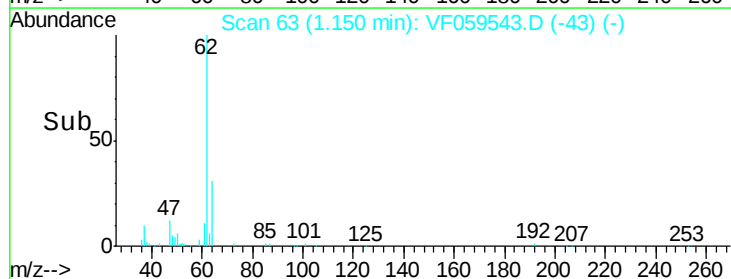
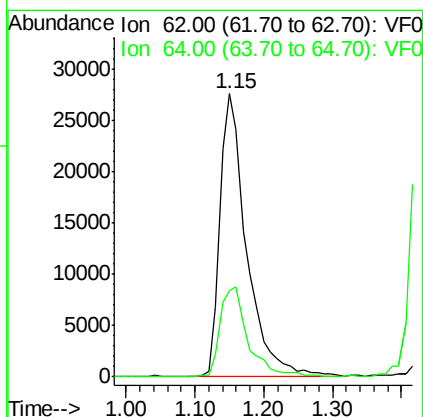
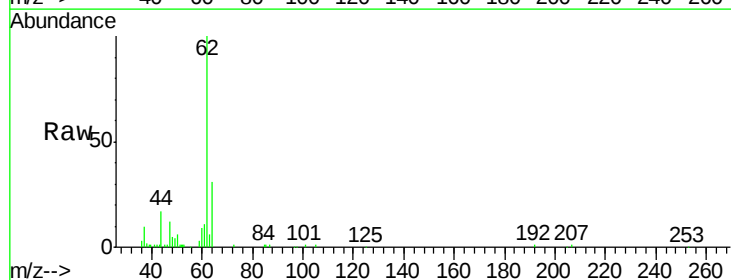
Acq: 19 Jul 2018 6:24

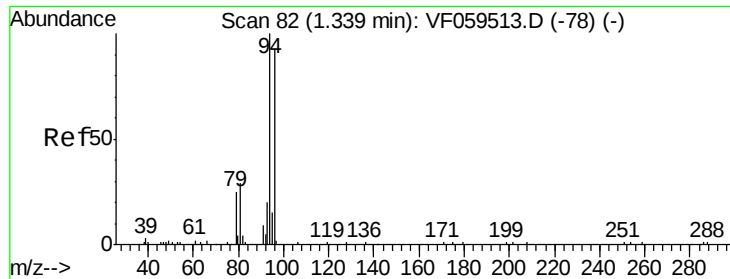
Tgt Ion: 62 Resp: 74277

Ion Ratio Lower Upper

62 100

64 30.7 25.7 38.5





#5

Bromomethane

Concen: 54.98 ug/l

RT: 1.34 min Scan# 82

Delta R.T. -0.00 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 55010

Ion Ratio Lower Upper

94 100

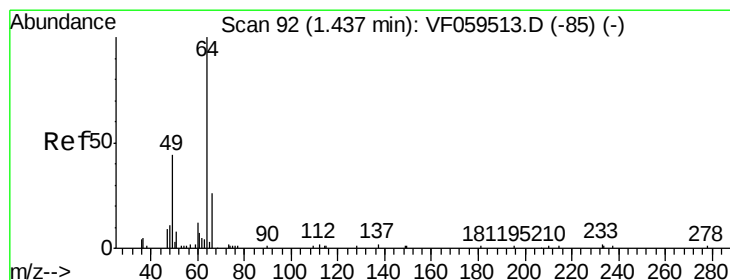
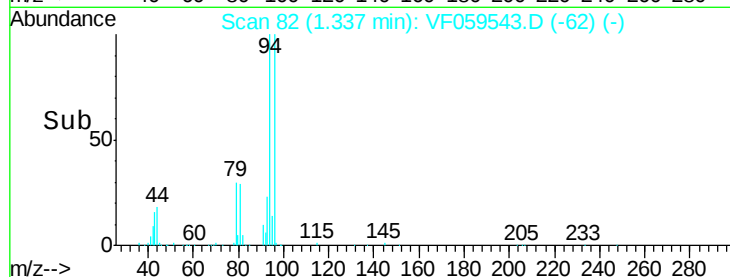
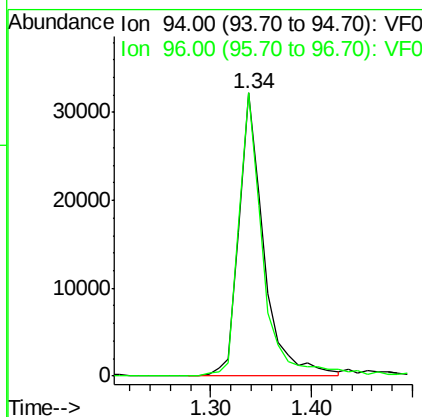
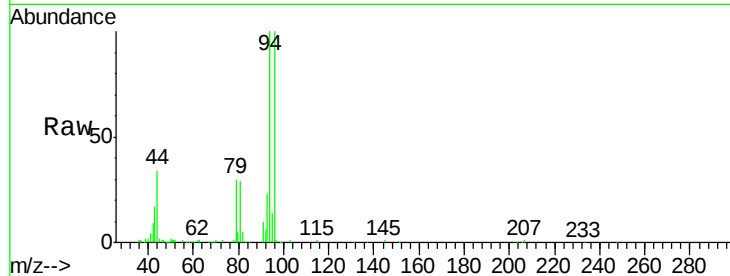
96 100.1 74.2 111.2

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#6

Chloroethane

Concen: 57.07 ug/l

RT: 1.43 min Scan# 91

Delta R.T. -0.01 min

Lab File: VF059543.D

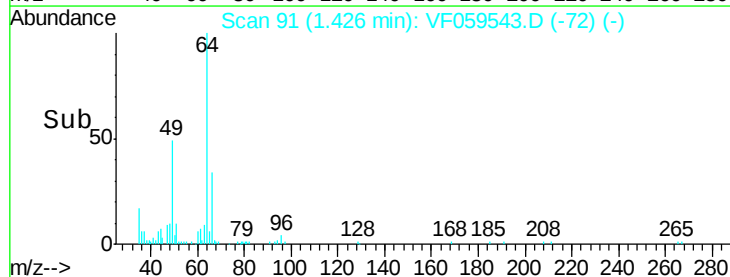
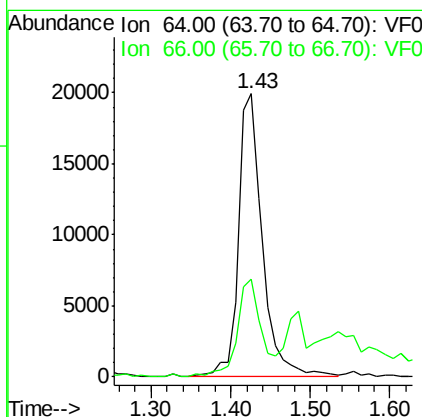
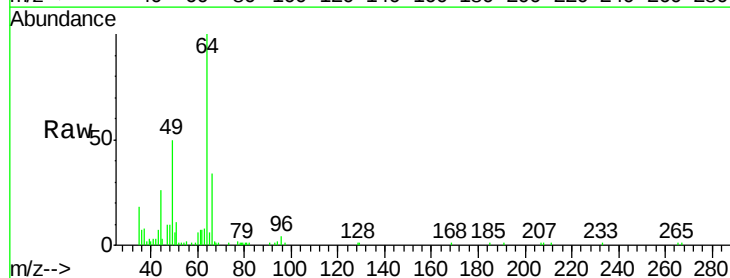
Acq: 19 Jul 2018 6:24

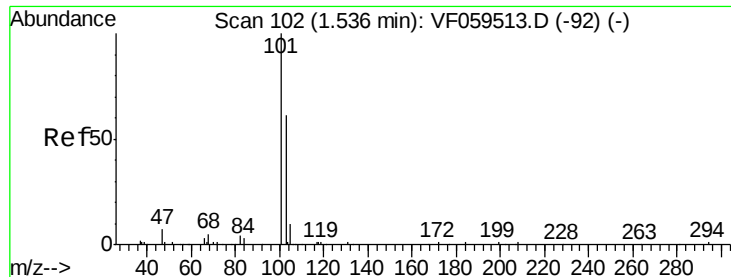
Tgt Ion: 64 Resp: 41550

Ion Ratio Lower Upper

64 100

66 34.4 22.9 34.3#





#7

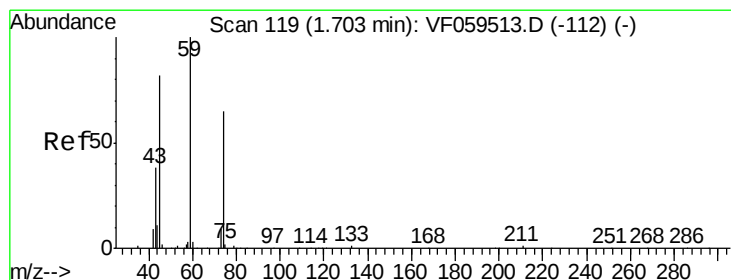
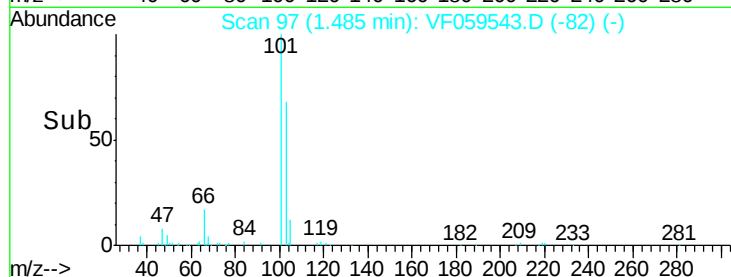
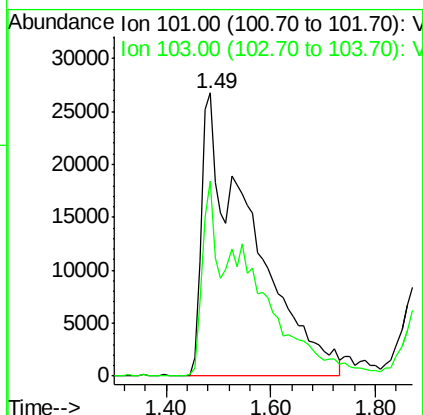
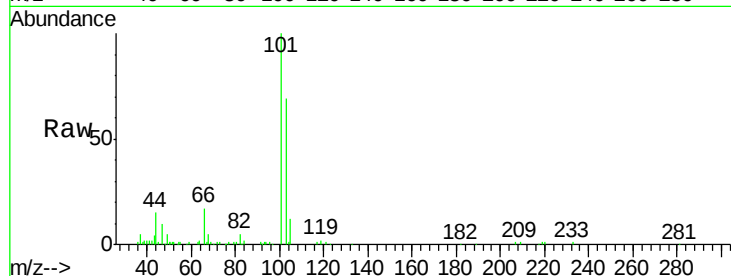
Trichlorofluoromethane
Concen: 49.39 ug/l m
RT: 1.49 min Scan# 97
Delta R.T. -0.05 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

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Tot Ion	Ratio	Lower	Upper
101	100		
103	68.8	48.6	72.8

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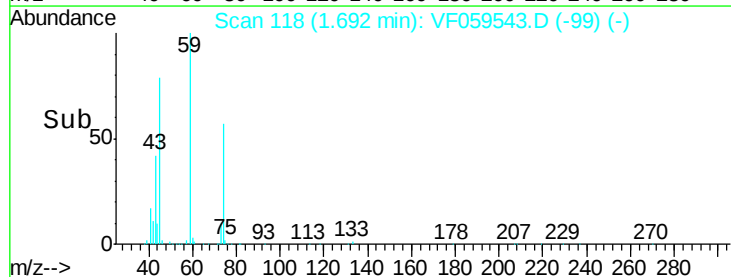
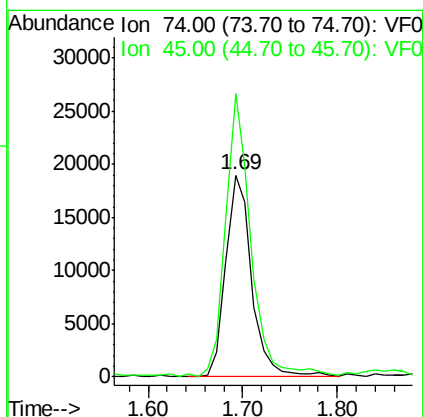
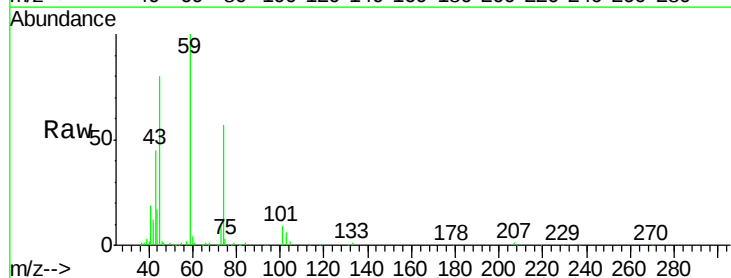
apatel
7/19/2018 11:12:14 AM

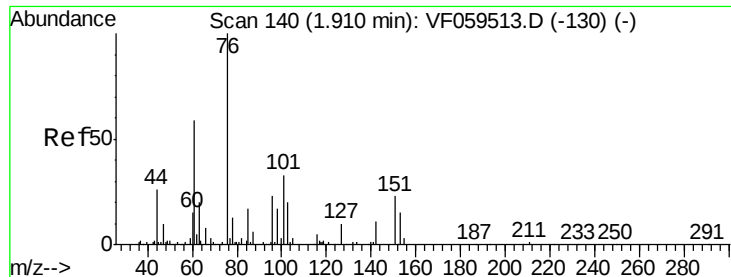


#8

Diethyl Ether
Concen: 52.88 ug/l
RT: 1.69 min Scan# 118
Delta R.T. -0.01 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	140.1	63.6	190.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 63.47 ug/l

RT: 1.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: VF059543.D

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Instrument :

MSVOA_F

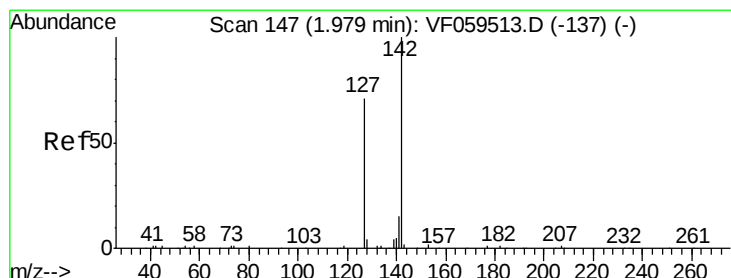
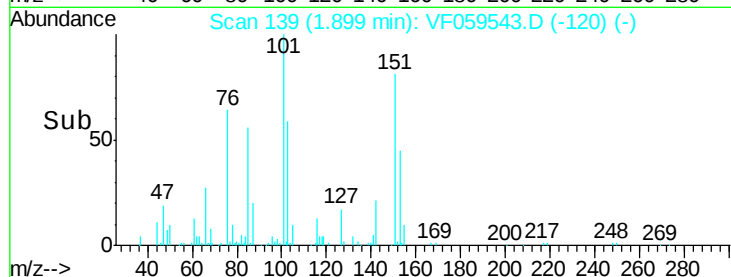
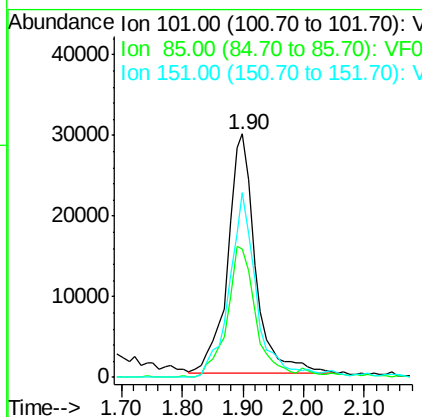
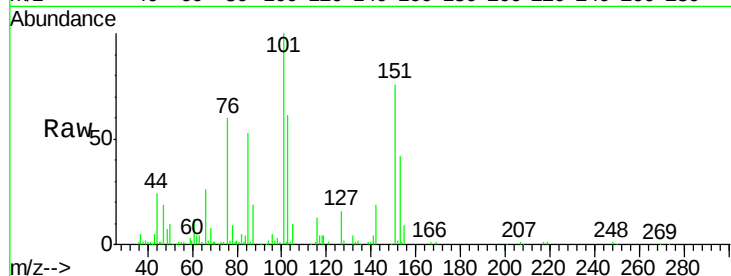
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	94704
Ion Ratio	Lower	Upper	
101	100		
85	52.7	39.8	59.6
151	75.8	54.2	81.2

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#10

Methyl Iodide

Concen: 66.92 ug/l m

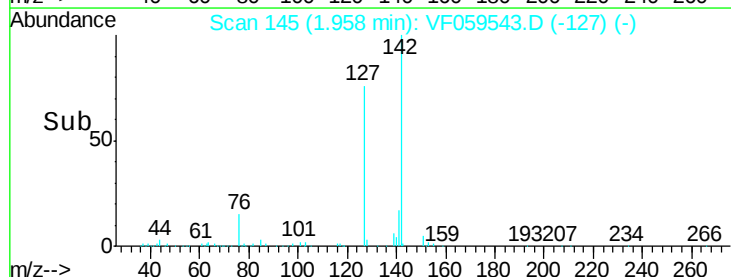
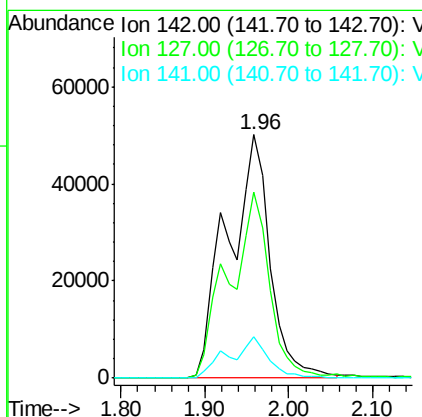
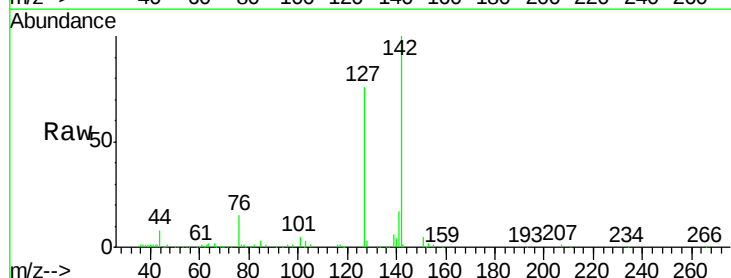
RT: 1.96 min Scan# 145

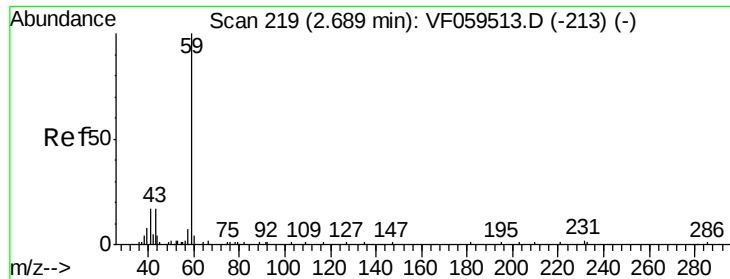
Delta R.T. -0.02 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Tgt Ion:	142	Resp:	174800
Ion Ratio	Lower	Upper	
142	100		
127	76.4	56.4	84.6
141	16.8	12.0	18.0





#11

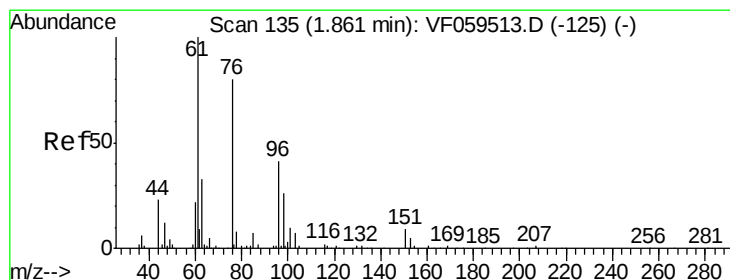
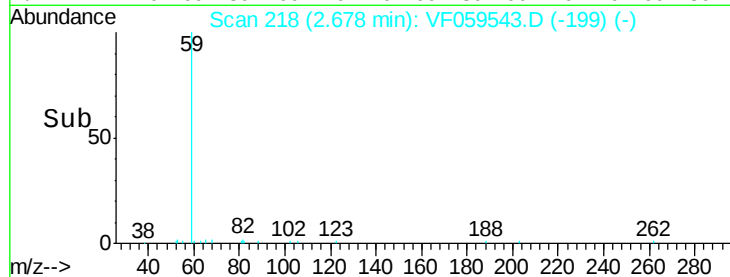
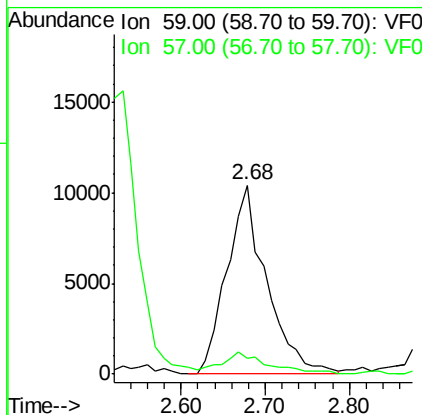
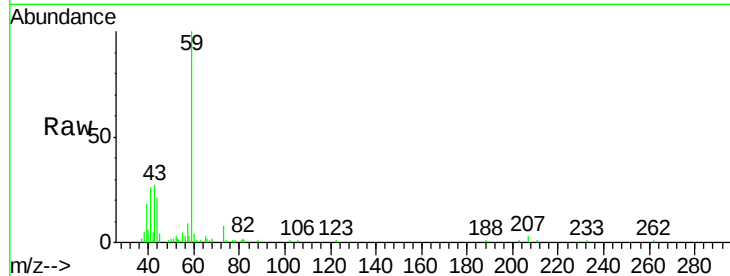
Tert butyl alcohol
Concen: 245.91 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.01 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.7	7.7	11.5

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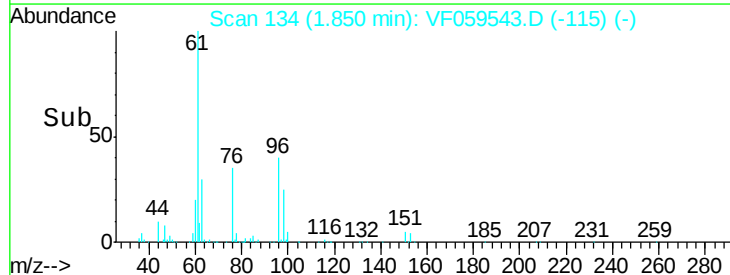
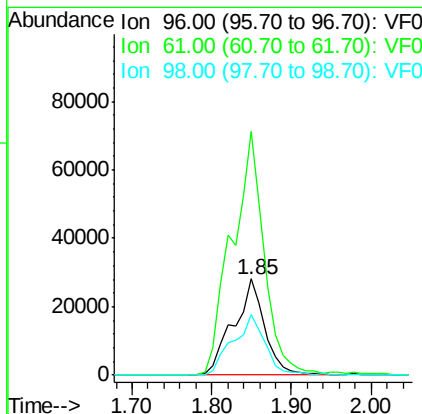
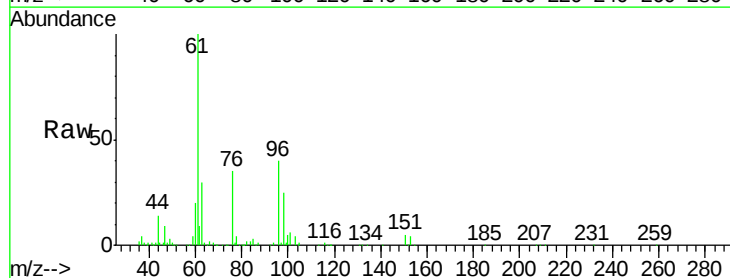
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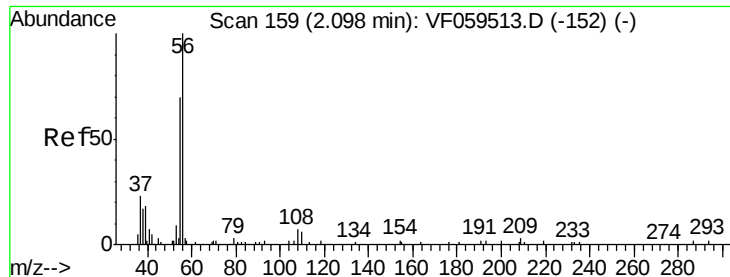


#12

1,1-Dichloroethene
Concen: 49.18 ug/l
RT: 1.85 min Scan# 134
Delta R.T. -0.01 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	253.0	194.3	291.5
98	62.7	50.3	75.5





#13

Acrolein

Concen: 276.02 ug/l

RT: 2.09 min Scan# 158

Delta R.T. -0.01 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Tot Ion: 56 Resp: 15883

Ion Ratio Lower Upper

56 100

55 87.1 59.4 89.2

Instrument :

MSVOA_F

ClientSampleId :

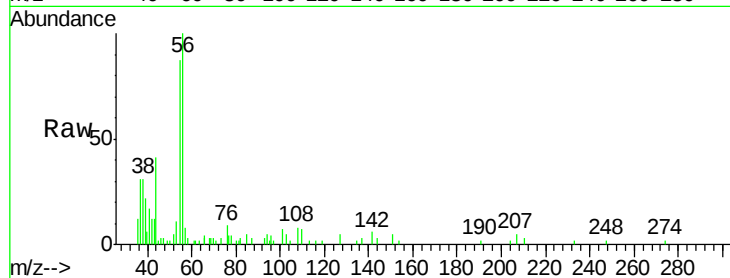
VSTDCCC050

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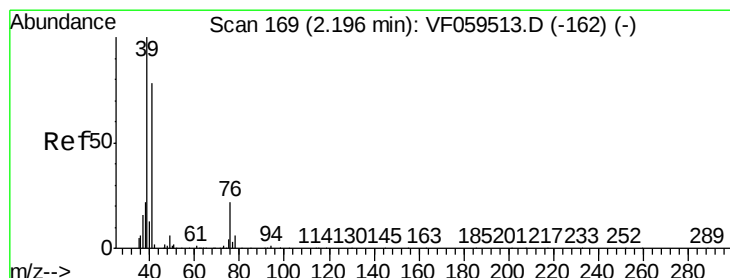
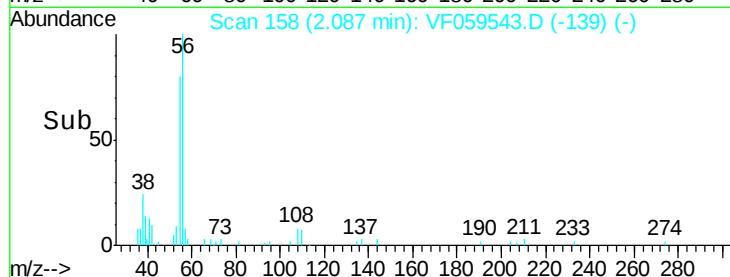
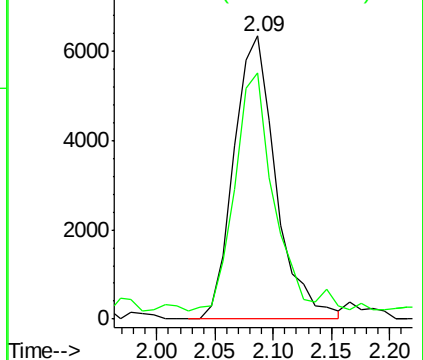
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Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#14

Allyl chloride

Concen: 70.98 ug/l

RT: 2.19 min Scan# 168

Delta R.T. -0.01 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

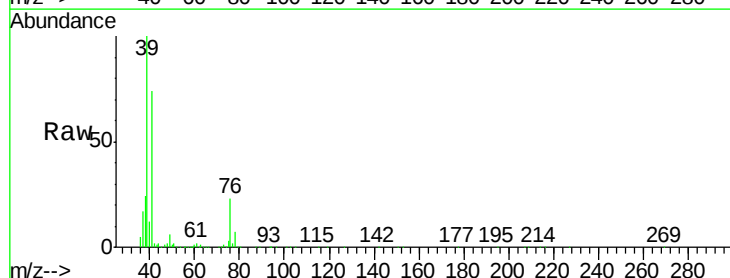
Tgt Ion: 41 Resp: 140559

Ion Ratio Lower Upper

41 100

39 135.7 103.0 154.4

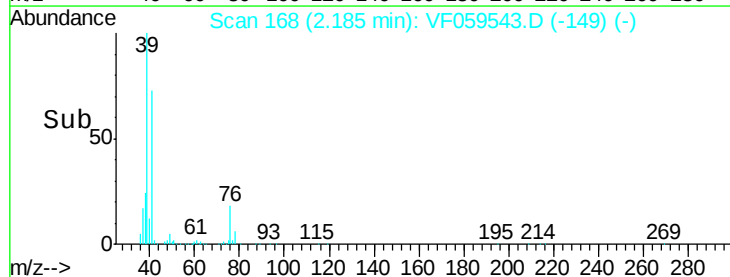
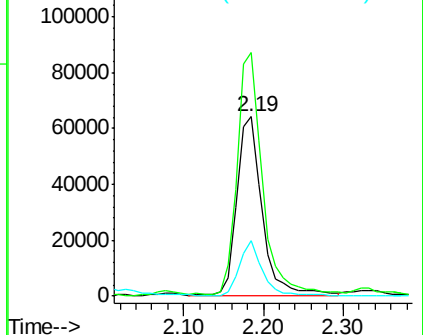
76 30.6 22.6 34.0

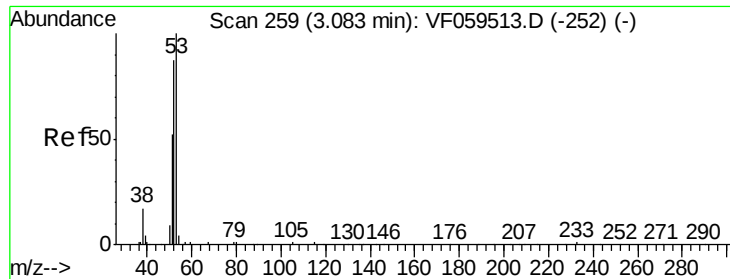


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0





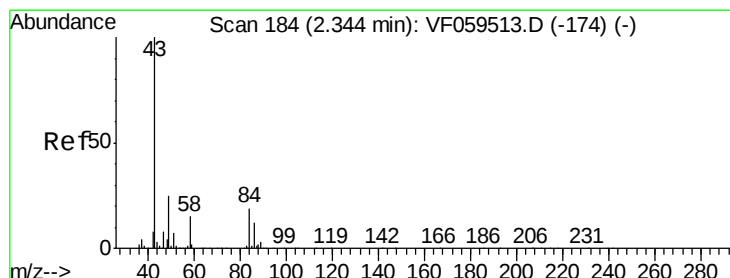
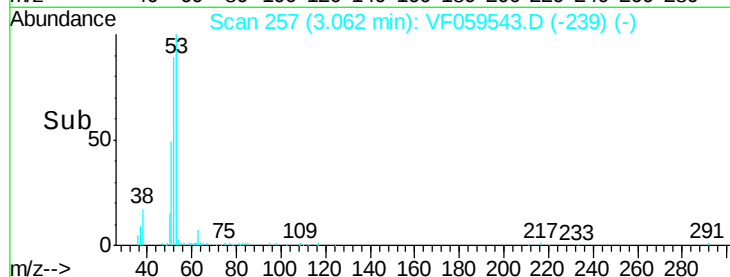
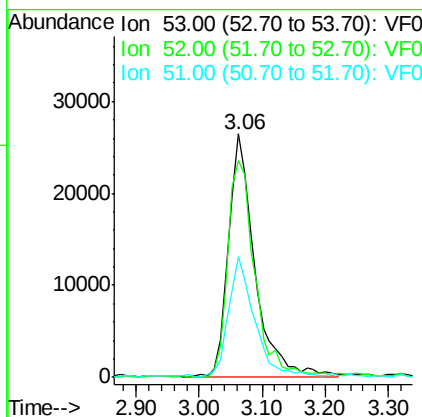
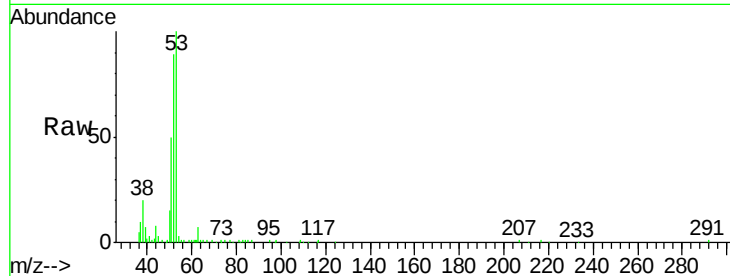
#15
 Acrylonitrile
 Concen: 278.81 ug/l
 RT: 3.06 min Scan# 257
 Delta R.T. -0.02 min
 Lab File: VF059543.D
 Acq: 19 Jul 2018 6:24

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	77217
Ion Ratio	Lower	Upper	
53	100		
52	89.0	70.1	105.1
51	49.8	42.5	63.7

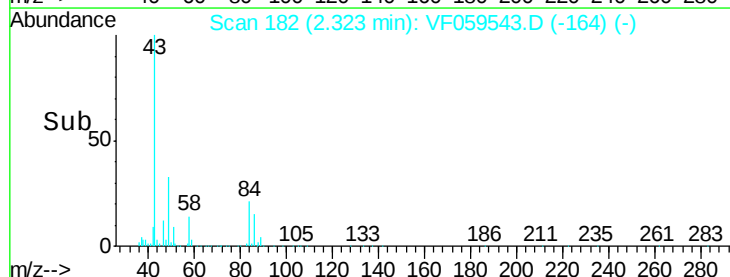
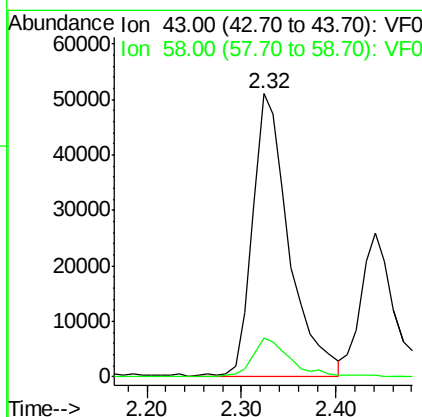
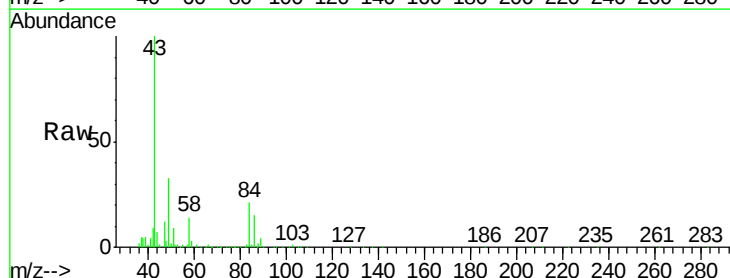
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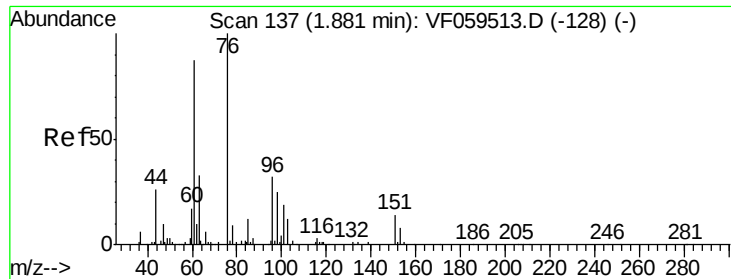
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#16
 Acetone
 Concen: 281.27 ug/l
 RT: 2.32 min Scan# 182
 Delta R.T. -0.02 min
 Lab File: VF059543.D
 Acq: 19 Jul 2018 6:24

Tgt Ion:	43	Resp:	136977
Ion Ratio	Lower	Upper	
43	100		
58	13.6	11.8	17.6





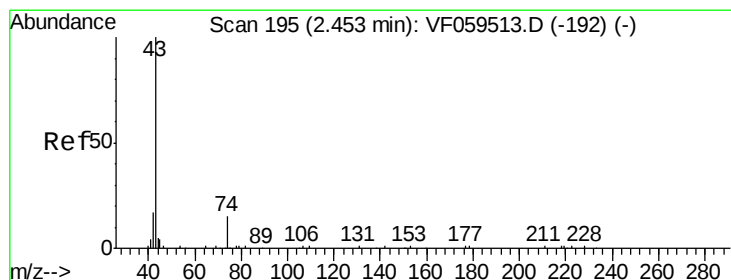
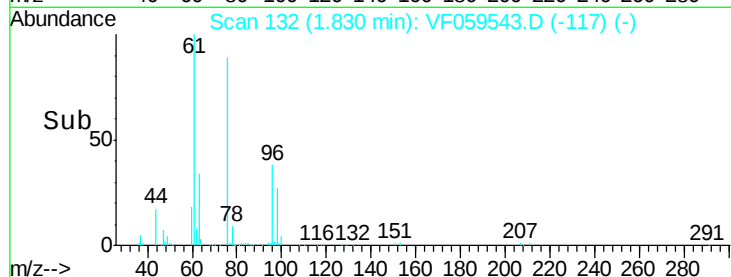
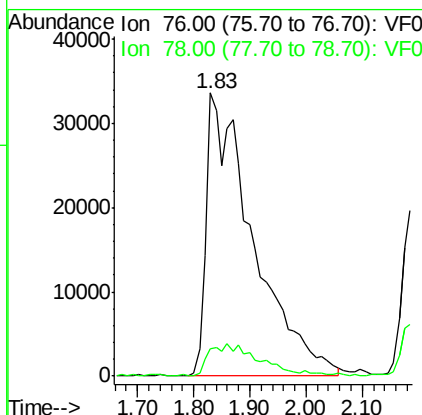
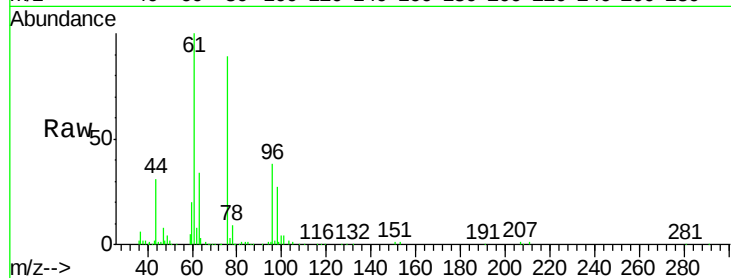
#17
Carbon Disulfide
Concen: 47.41 ug/l m
RT: 1.83 min Scan# 132
Delta R.T. -0.05 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.8	11.6

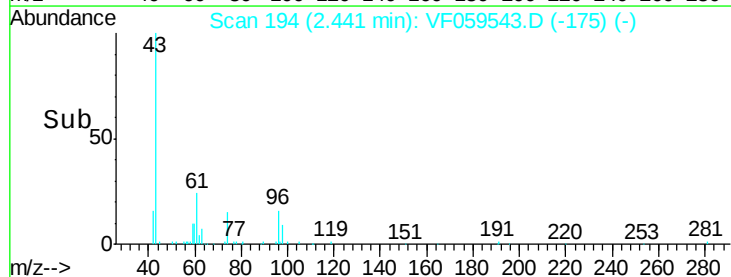
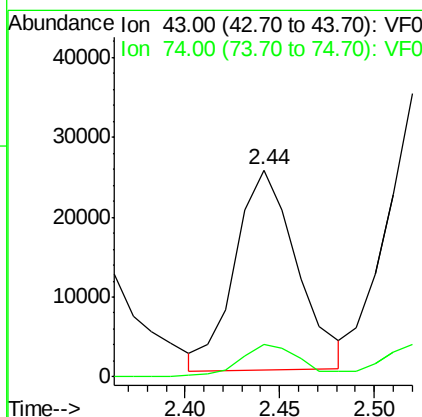
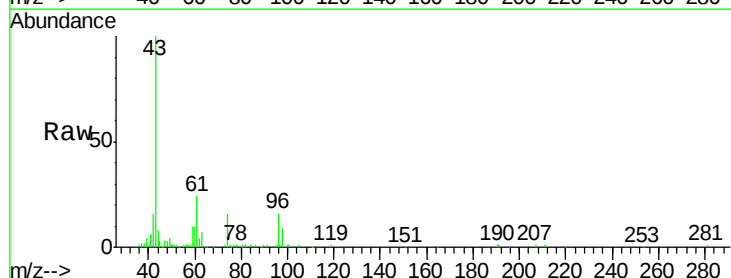
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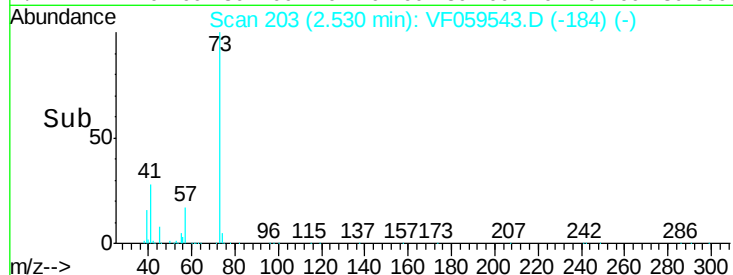
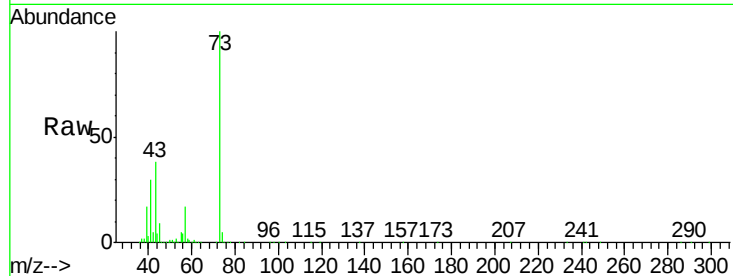
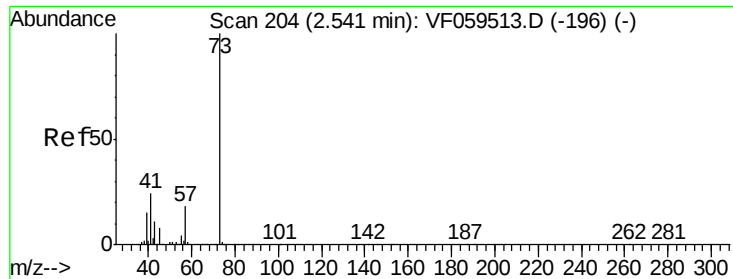
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#18
Methyl Acetate
Concen: 56.95 ug/l
RT: 2.44 min Scan# 194
Delta R.T. -0.01 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	15.5	10.6	15.8





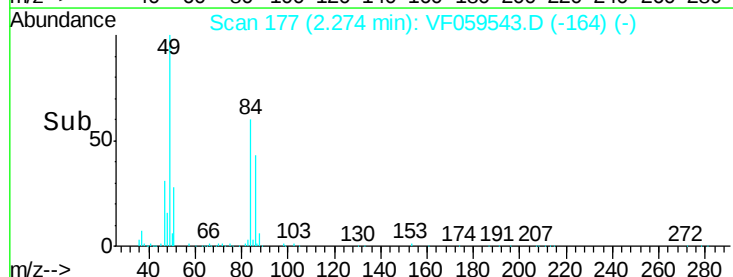
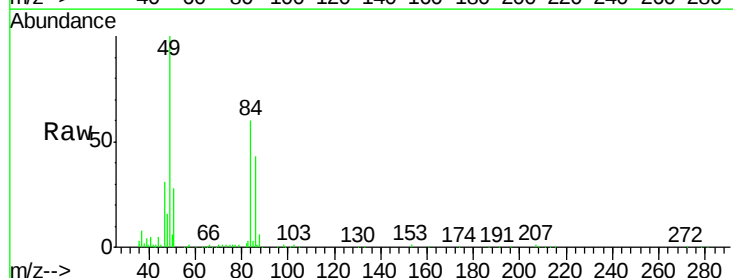
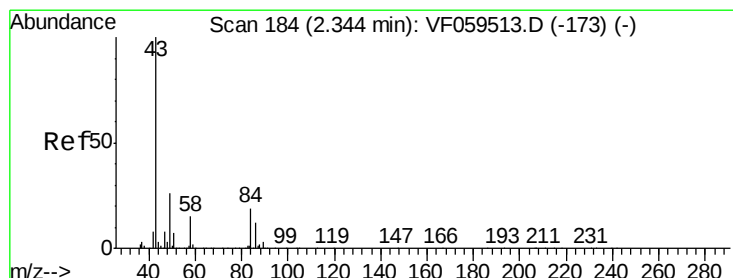
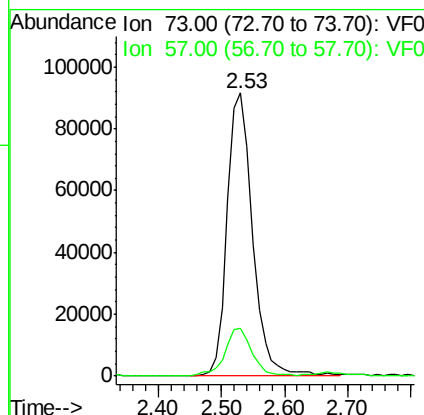
#19
Methvl tert-butvl Ether
Concen: 51.54 ug/l
RT: 2.53 min Scan# 203
Delta R.T. -0.01 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Tot Ion	Ratio	Lower	Upper
73	100		
57	17.0	14.3	21.5

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

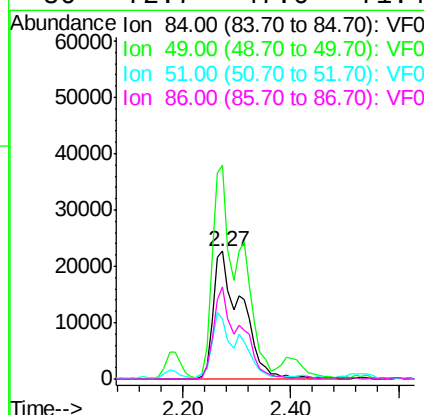
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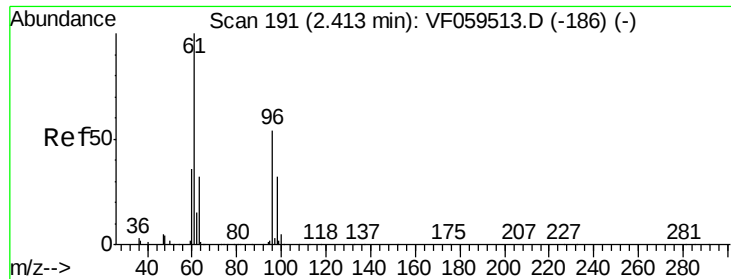
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#20
Methylene Chloride
Concen: 56.70 ug/l
RT: 2.27 min Scan# 177
Delta R.T. -0.07 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	167.7	109.4	164.2#
51	47.2	30.5	45.7#
86	72.7	47.6	71.4#





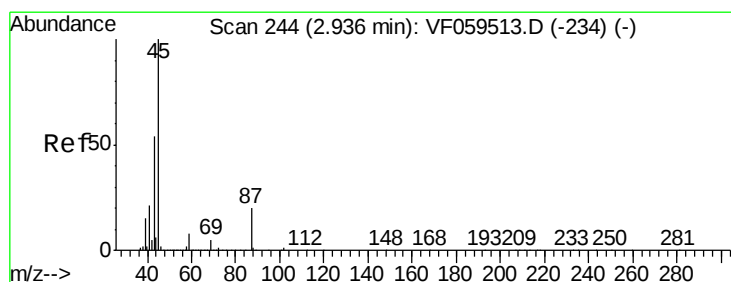
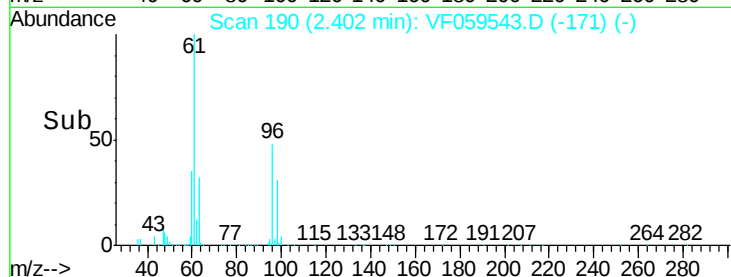
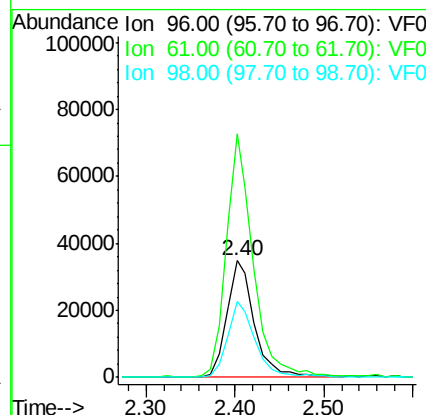
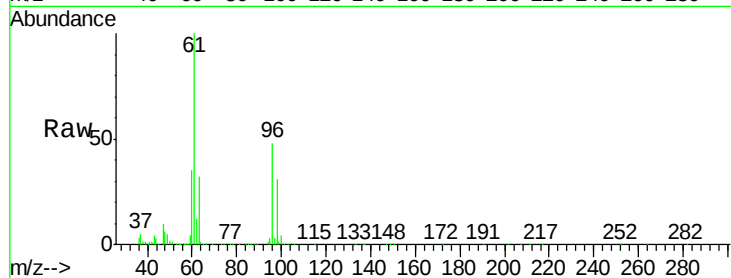
#21
trans-1,2-Dichloroethene
Concen: 51.95 ug/l
RT: 2.40 min Scan# 190
Delta R.T. -0.01 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	208.7	149.8	224.8
98	65.1	47.8	71.8

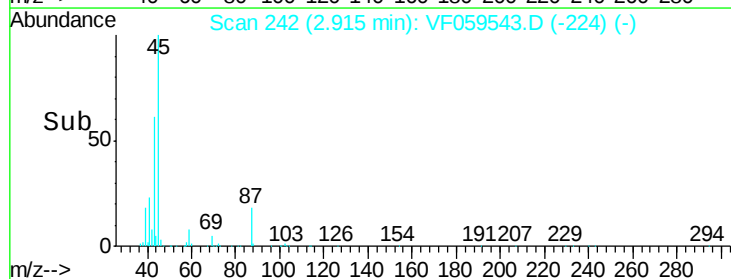
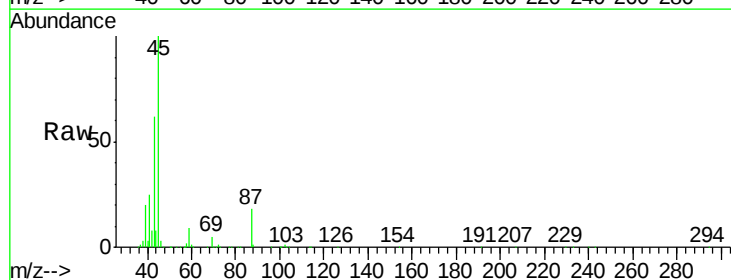
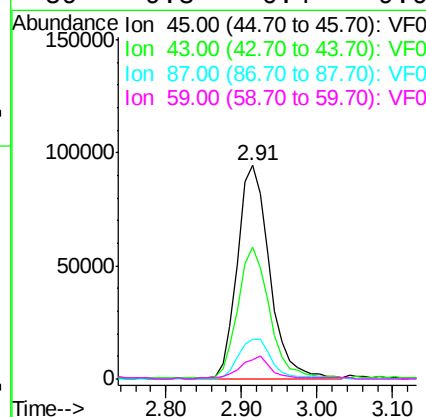
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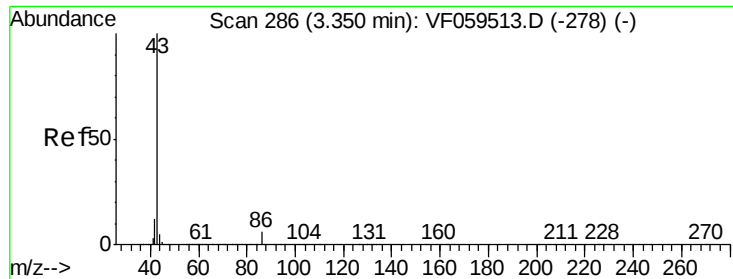
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#22
Diisopropyl ether
Concen: 49.69 ug/l
RT: 2.91 min Scan# 242
Delta R.T. -0.02 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.6	43.6	65.4
87	18.4	15.6	23.4
59	9.3	6.4	9.6





#23

Vinyl Acetate

Concen: 249.87 ug/l

RT: 3.32 min Scan# 283

Delta R.T. -0.03 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 812671

Ion Ratio Lower Upper

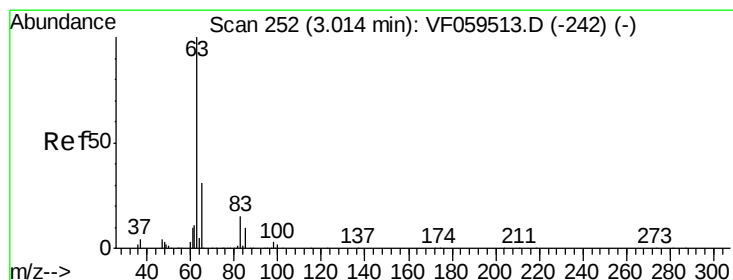
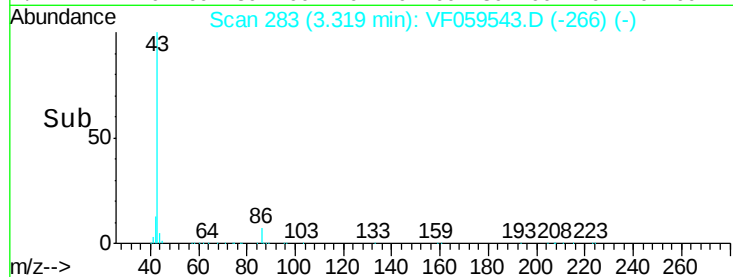
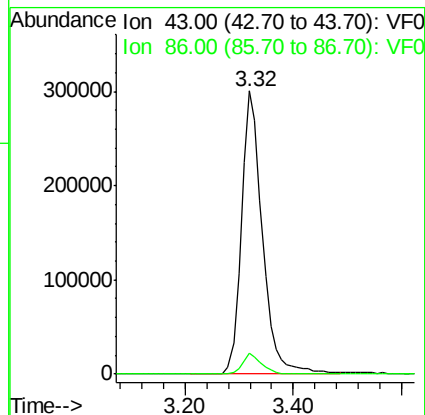
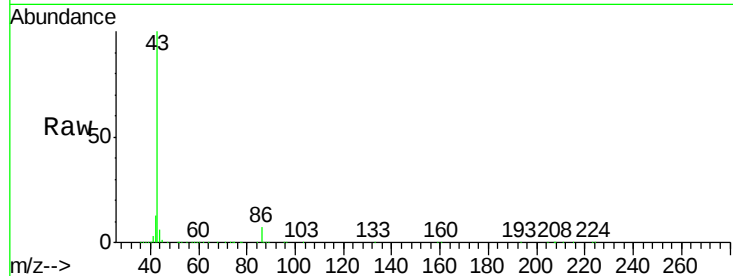
43 100

86 7.3 4.4 6.6#

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#24

1,1-Dichloroethane

Concen: 56.49 ug/l

RT: 2.99 min Scan# 250

Delta R.T. -0.02 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

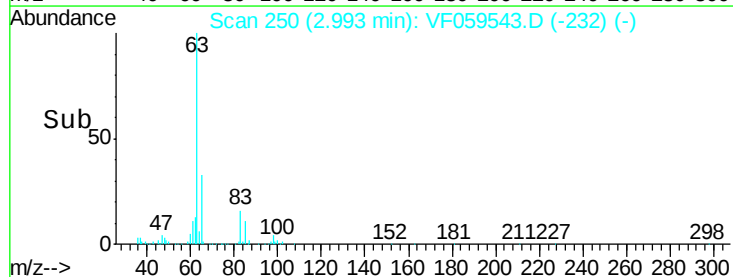
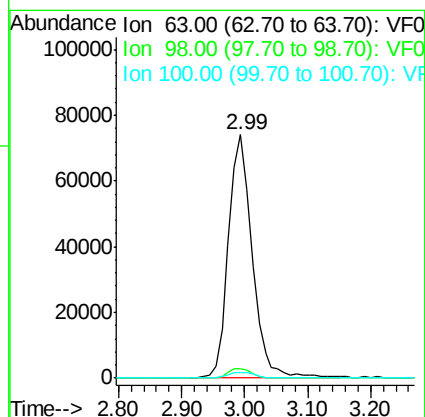
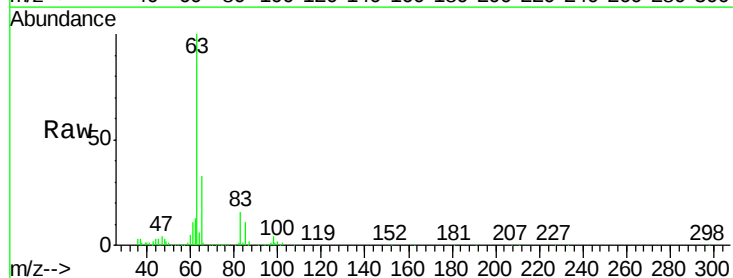
Tgt Ion: 63 Resp: 194174

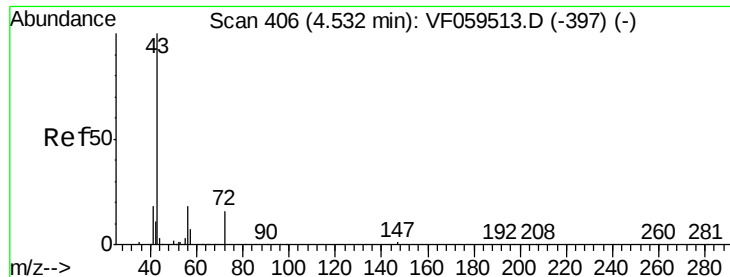
Ion Ratio Lower Upper

63 100

98 3.9 1.8 5.4

100 2.0 1.3 3.8





#25

2-Butanone

Concen: 223.79 ug/l

RT: 4.50 min Scan# 403

Delta R.T. -0.03 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 171511

Ion Ratio Lower Upper

43 100

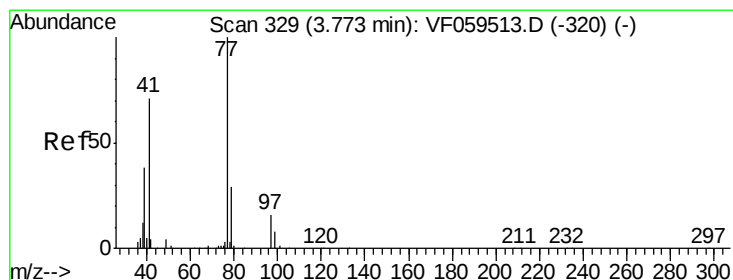
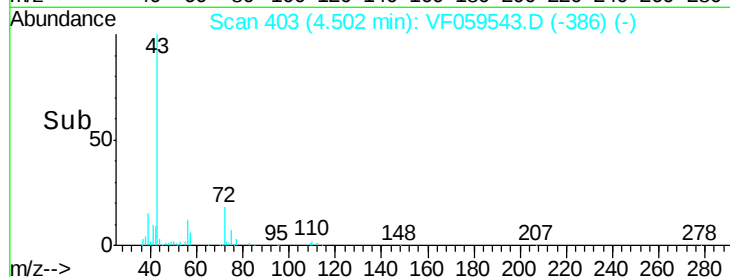
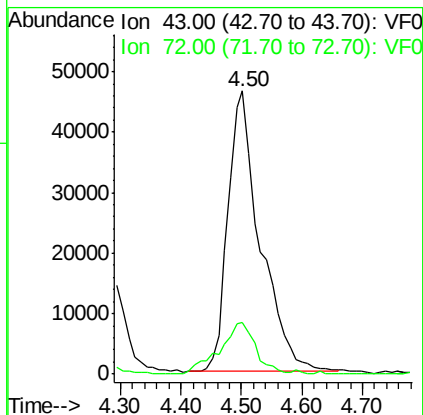
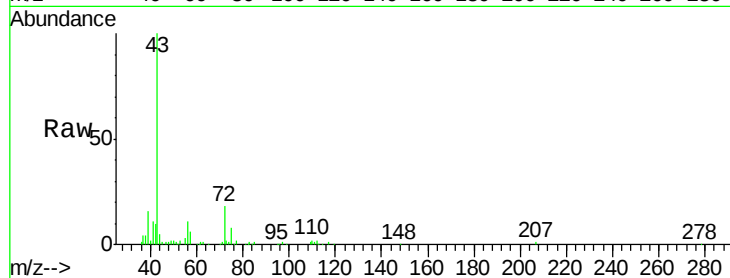
72 18.2 14.2 21.4

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#26

2,2-Dichloropropane

Concen: 55.05 ug/l

RT: 3.75 min Scan# 327

Delta R.T. -0.02 min

Lab File: VF059543.D

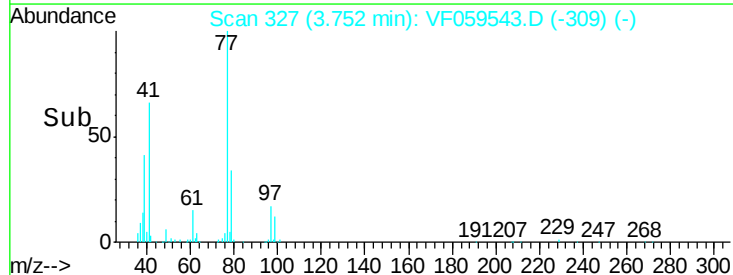
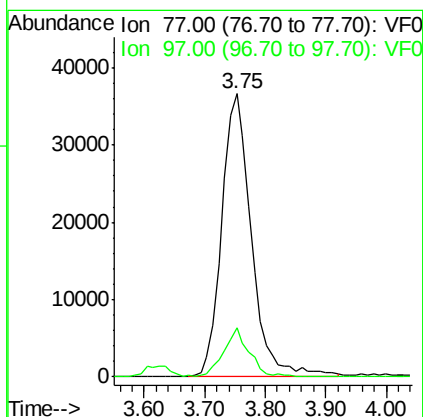
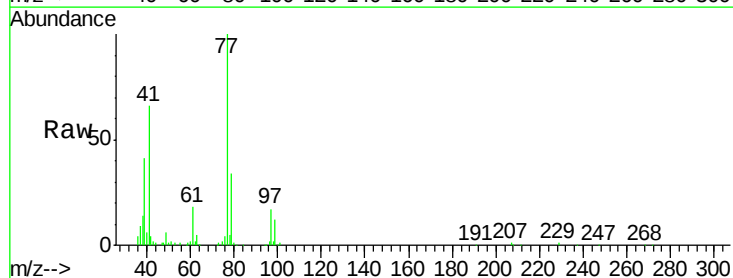
Acq: 19 Jul 2018 6:24

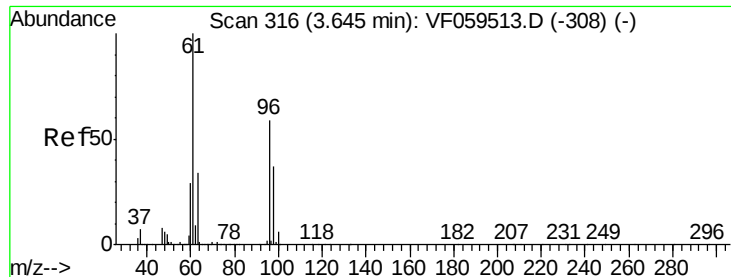
Tgt Ion: 77 Resp: 125174

Ion Ratio Lower Upper

77 100

97 17.3 8.1 24.3





#27

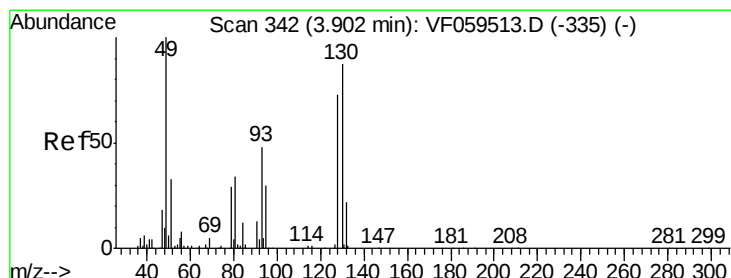
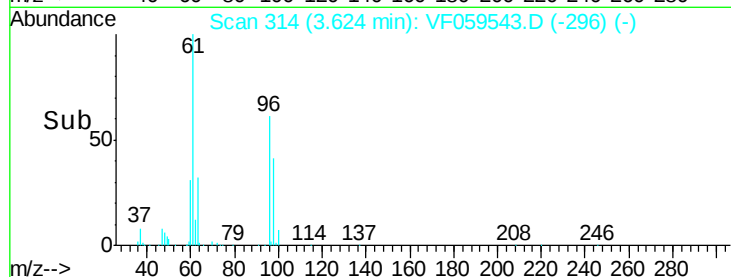
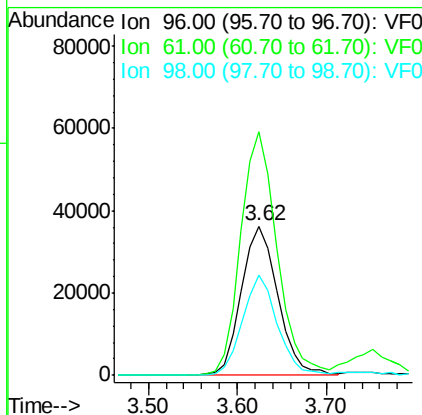
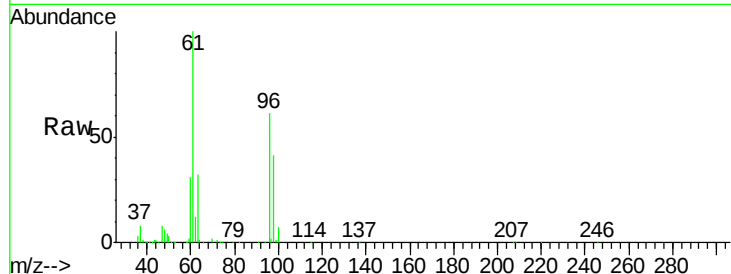
cis-1,2-Dichloroethene
Concen: 60.44 ug/l
RT: 3.62 min Scan# 314
Delta R.T. -0.02 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	103200		
61	163.4	0.0	339.0	
98	67.2	0.0	125.4	

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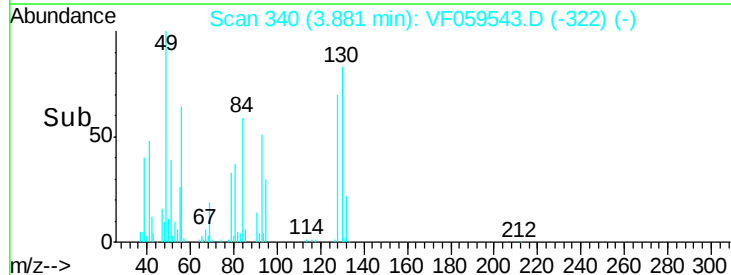
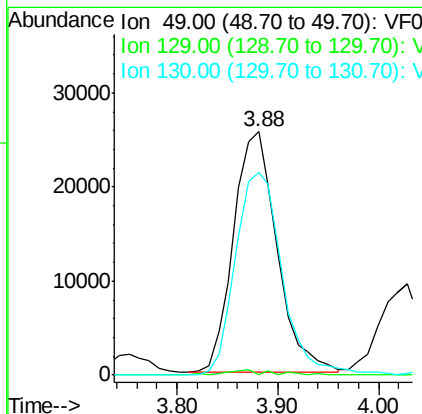
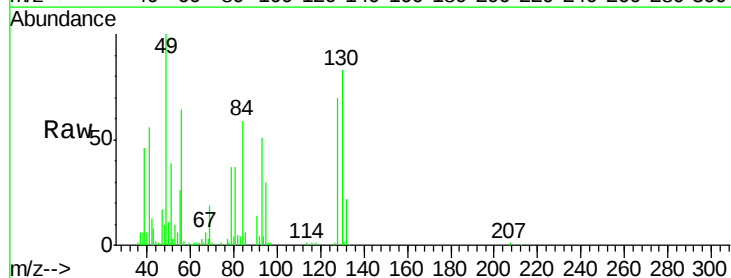
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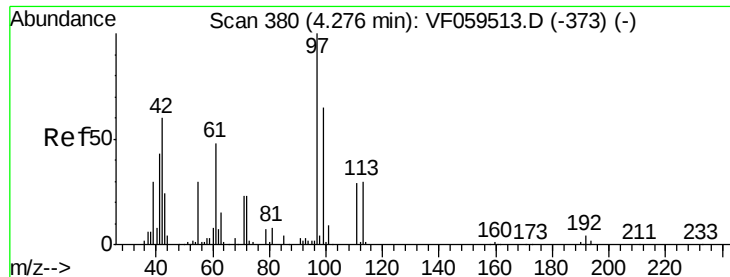


#28

Bromochloromethane
Concen: 51.07 ug/l
RT: 3.88 min Scan# 340
Delta R.T. -0.02 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	77265		
129	0.0	0.0	0.0	
130	83.1	69.8	104.6	





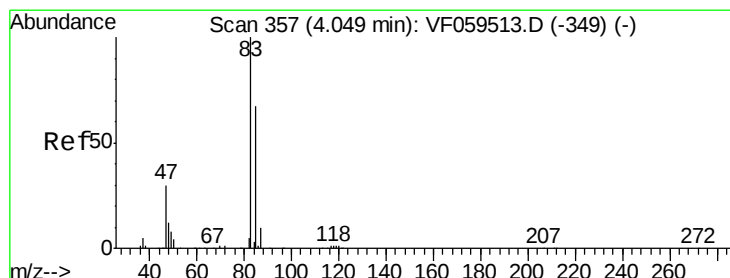
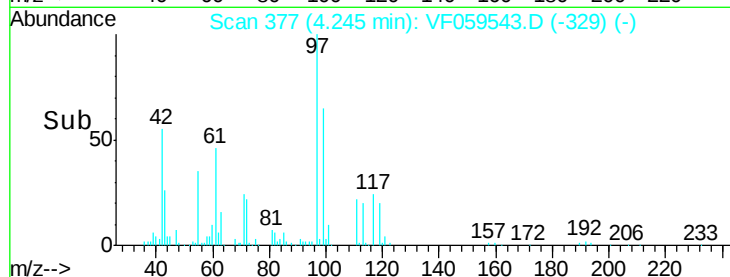
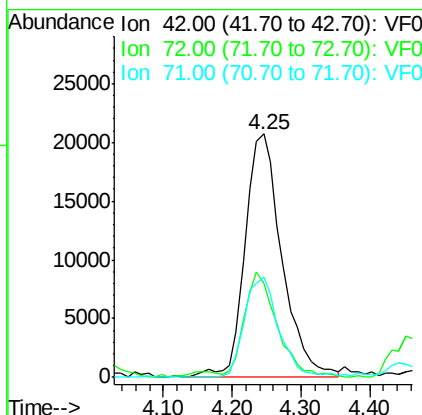
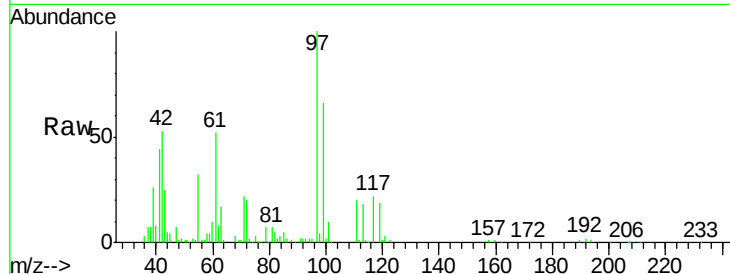
#29
Tetrahydrofuran
Concen: 248.63 ug/l
RT: 4.25 min Scan# 377
Delta R.T. -0.03 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.2	28.7	43.1
71	38.4	30.8	46.2

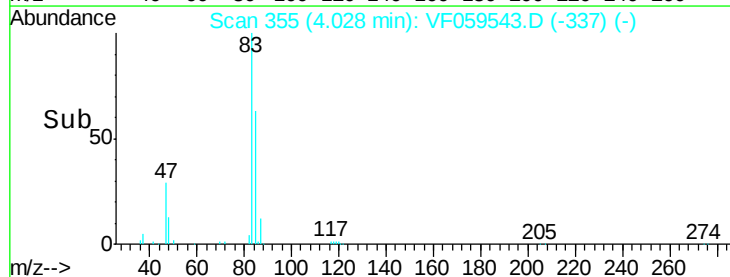
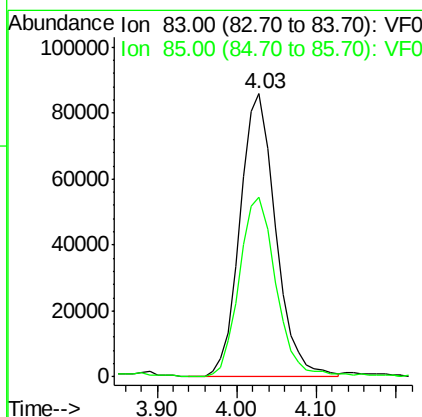
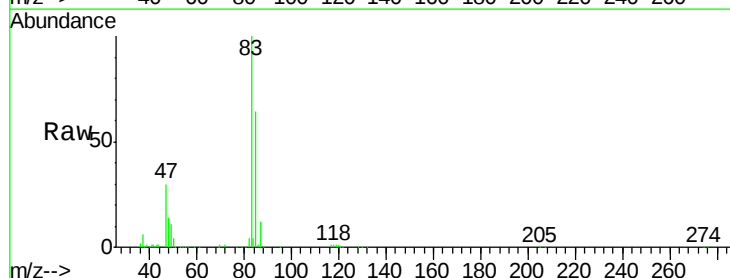
Manual Integrations
APPROVED

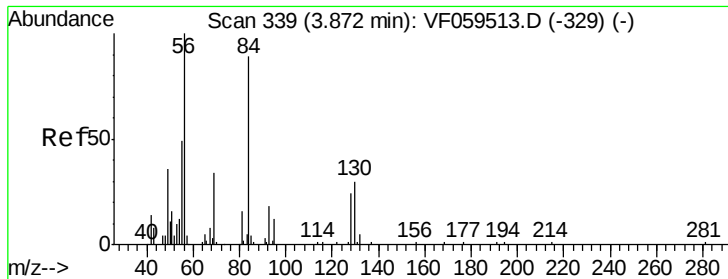
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#30
Chloroform
Concen: 53.83 ug/l
RT: 4.03 min Scan# 355
Delta R.T. -0.02 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	53.2	79.8





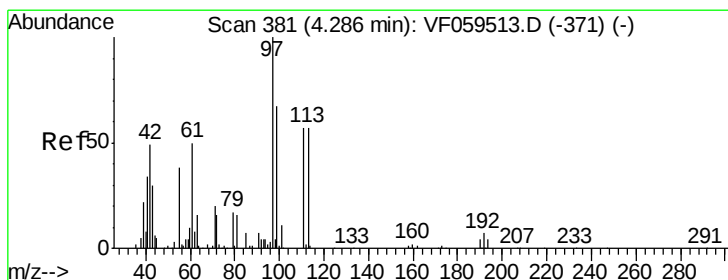
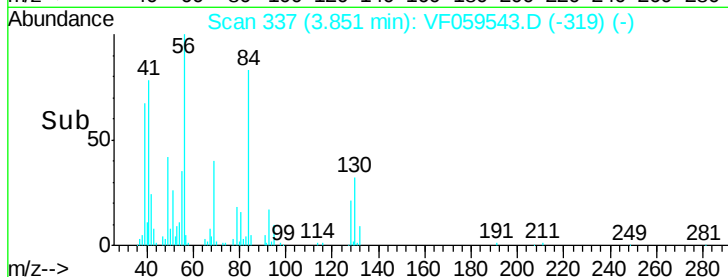
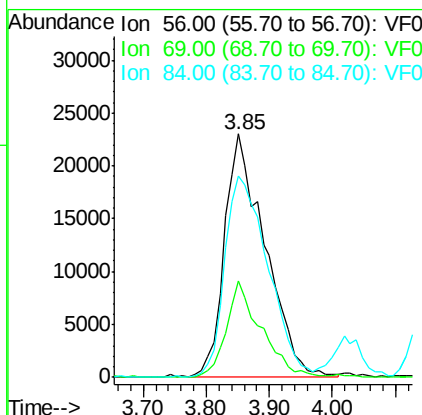
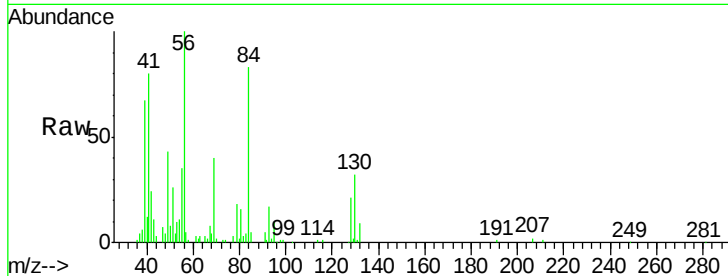
#31
Cyclohexane
Concen: 57.84 ug/l
RT: 3.85 min Scan# 337
Delta R.T. -0.02 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.6	27.6	41.4
84	82.8	71.4	107.2

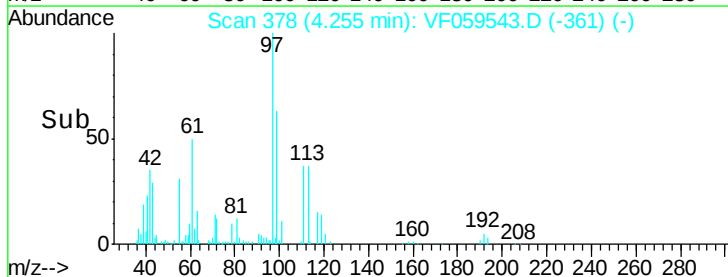
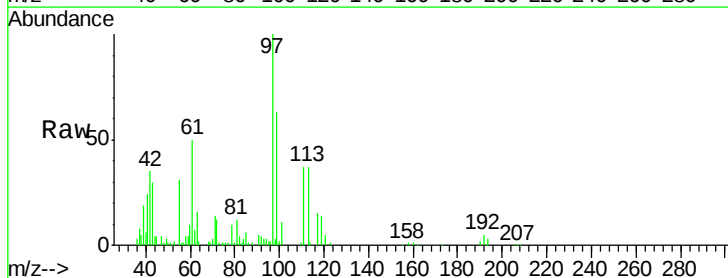
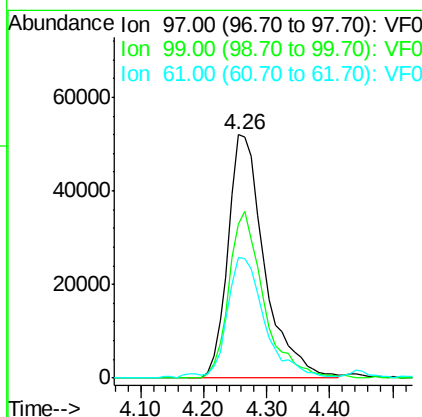
Manual Integrations
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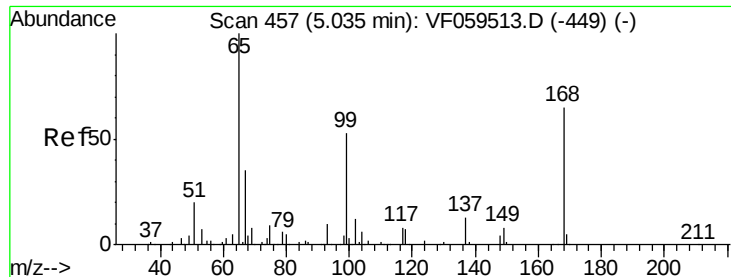
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#32
1,1,1-Trichloroethane
Concen: 64.58 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.03 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	53.5	80.3
61	49.8	39.7	59.5





#33

1,2-Dichloroethane-d4

Concen: 57.68 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.03 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Tot Ion: 65 Resp: 190400

Ion Ratio Lower Upper

65 100

67 42.8 0.0 91.2

Instrument :

MSVOA_F

ClientSampleId :

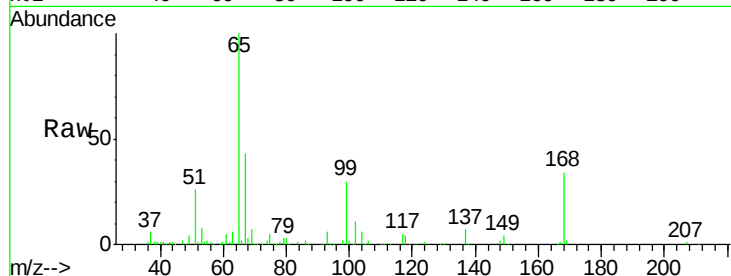
VSTDCCC050

Manual Integrations

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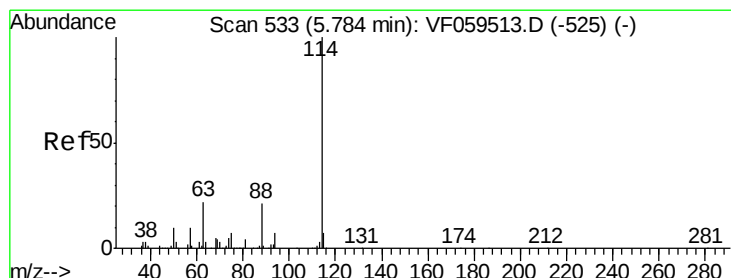
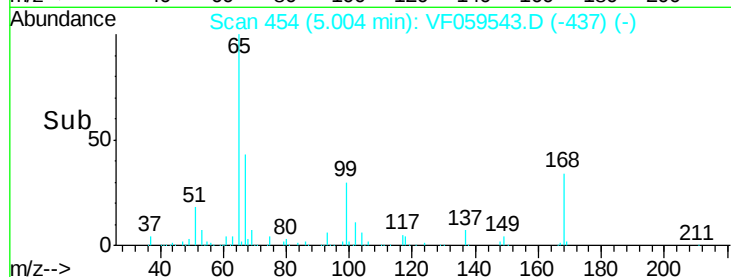
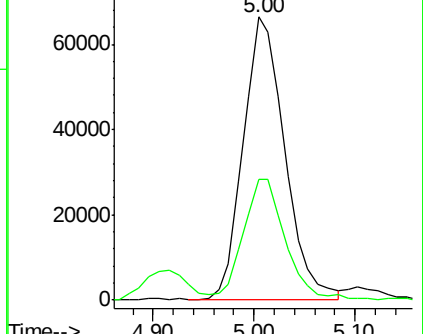
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.03 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

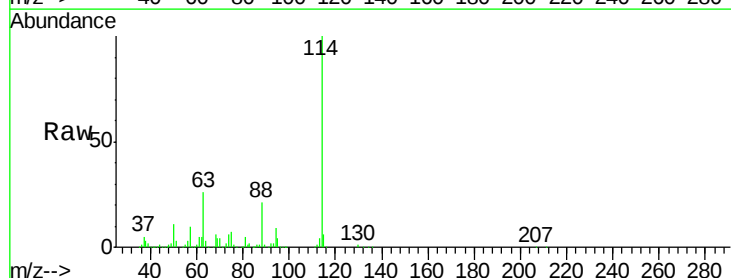
Tgt Ion: 114 Resp: 325392

Ion Ratio Lower Upper

114 100

63 26.1 0.0 44.8

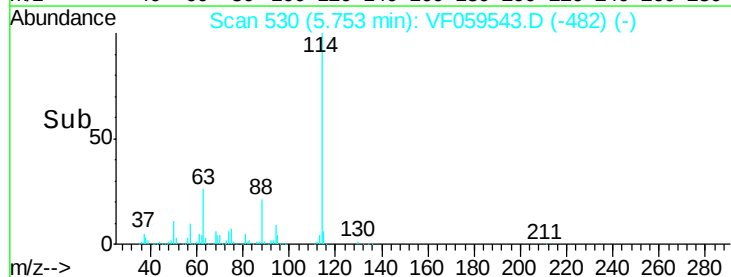
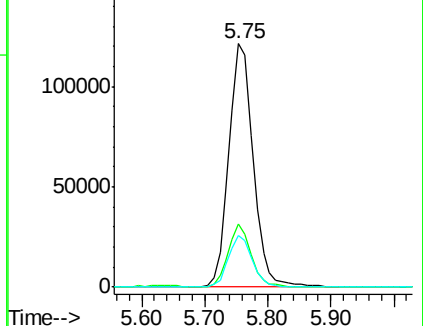
88 21.0 0.0 42.6

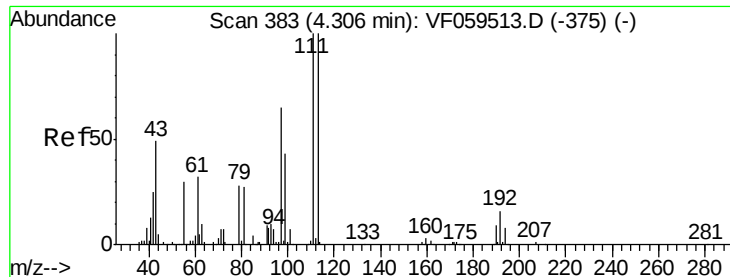


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 53.82 ug/l

RT: 4.28 min Scan# 381

Delta R.T. -0.02 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Instrument :

MSVOA_F

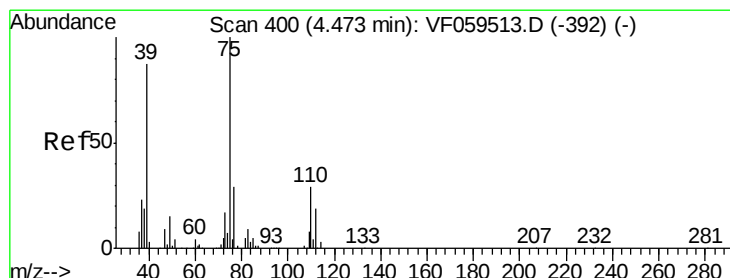
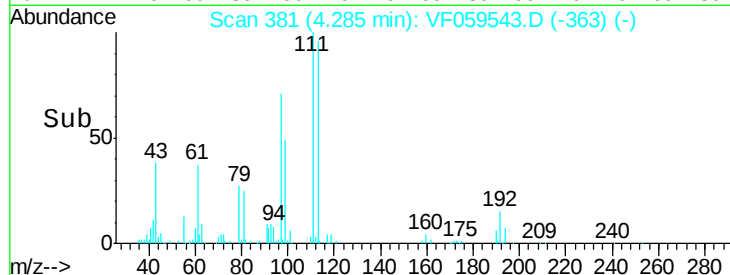
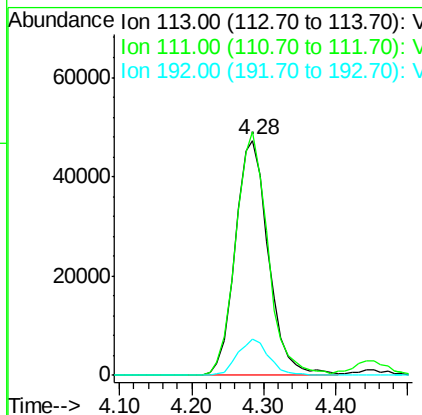
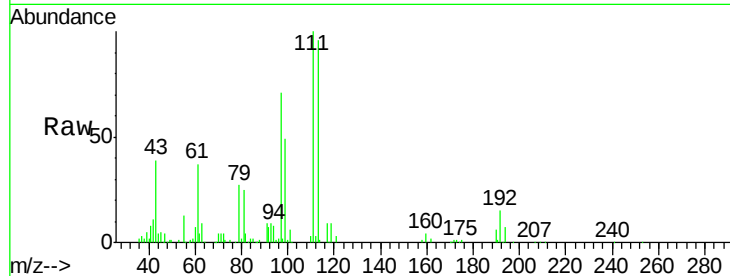
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	151673
Ion Ratio	Lower	Upper	
113	100		
111	102.7	80.3	120.5
192	15.5	13.1	19.7

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#36

1,1-Dichloropropene

Concen: 48.18 ug/l

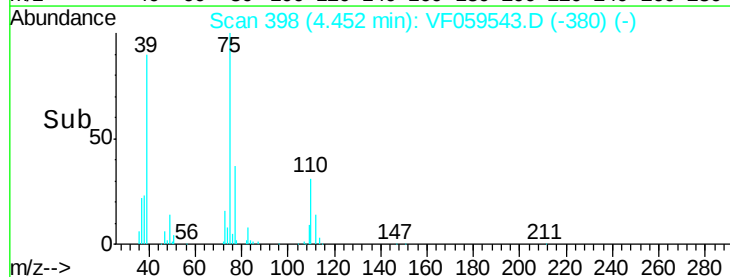
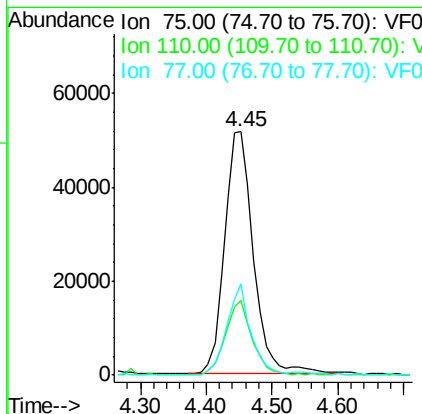
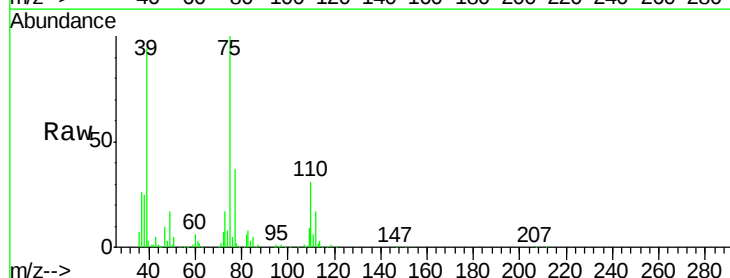
RT: 4.45 min Scan# 398

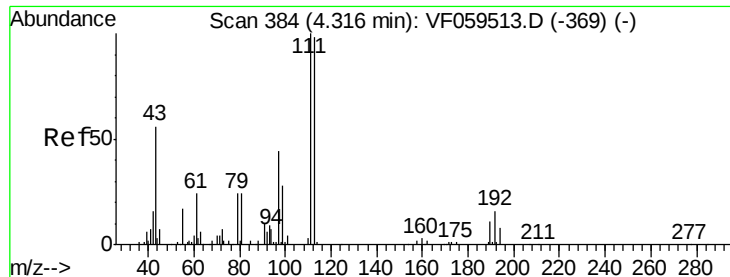
Delta R.T. -0.02 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Tgt Ion:	75	Resp:	156922
Ion Ratio	Lower	Upper	
75	100		
110	30.5	14.6	43.8
77	37.4	23.7	35.5#





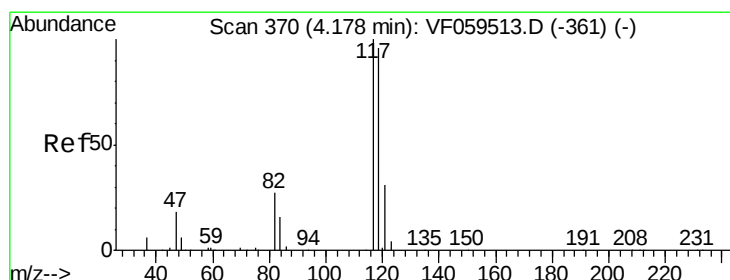
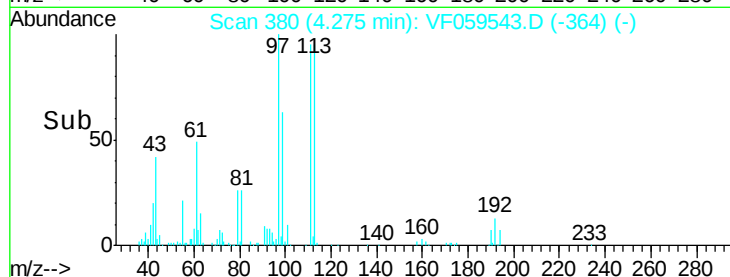
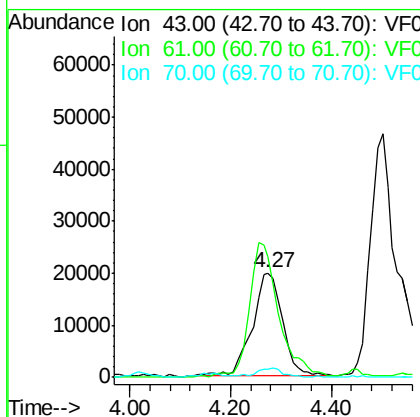
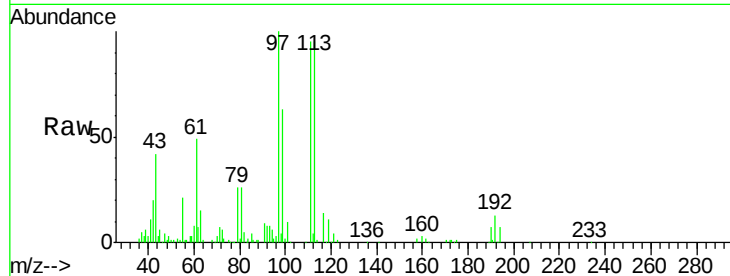
#37
Ethyl Acetate
Concen: 46.37 ug/l
RT: 4.27 min Scan# 380
Delta R.T. -0.04 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 82074
Ion Ratio Lower Upper
43 100
61 115.8 33.7 50.5#
70 8.1 7.4 11.0

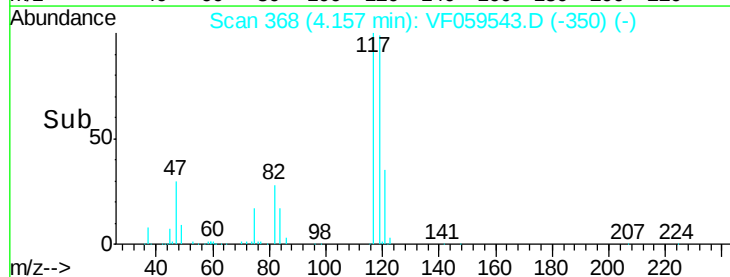
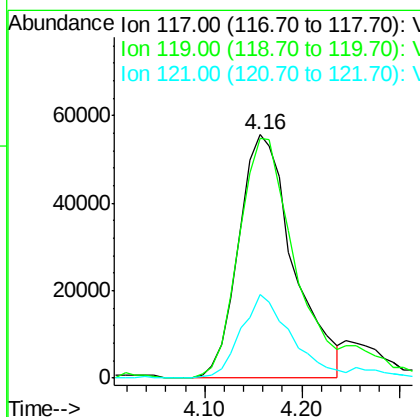
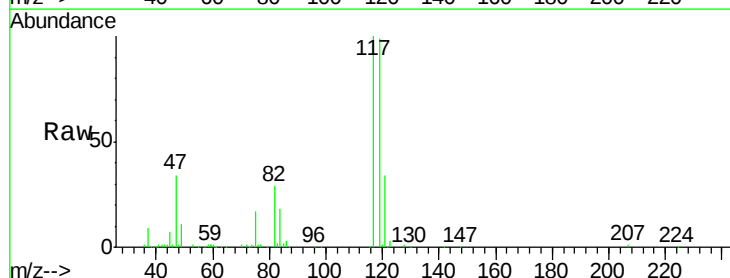
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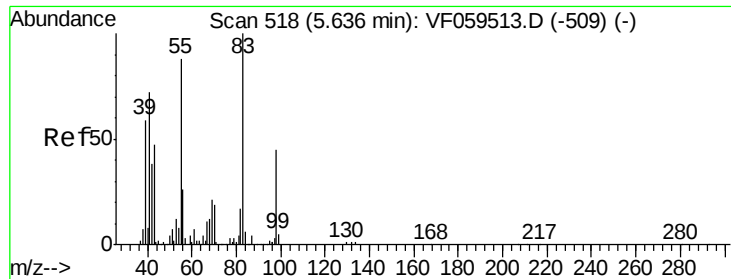
apatel
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#38
Carbon Tetrachloride
Concen: 58.09 ug/l m
RT: 4.16 min Scan# 368
Delta R.T. -0.02 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Tgt Ion: 117 Resp: 216812
Ion Ratio Lower Upper
117 100
119 98.5 77.6 116.4
121 34.4 24.9 37.3





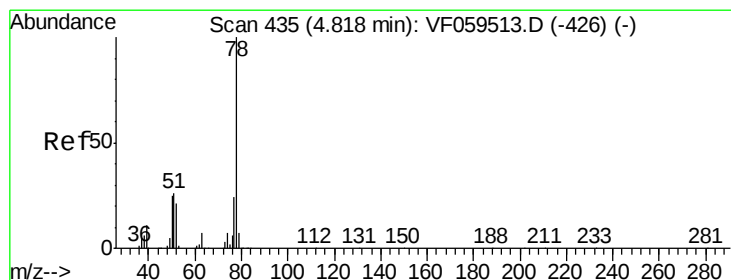
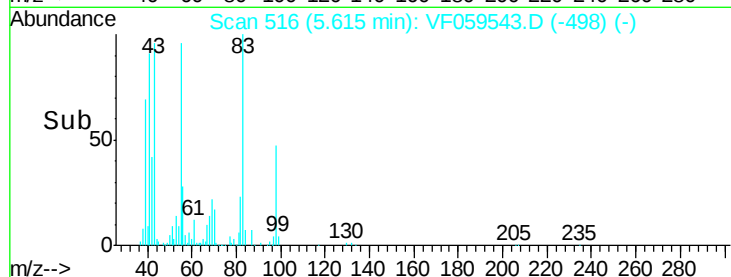
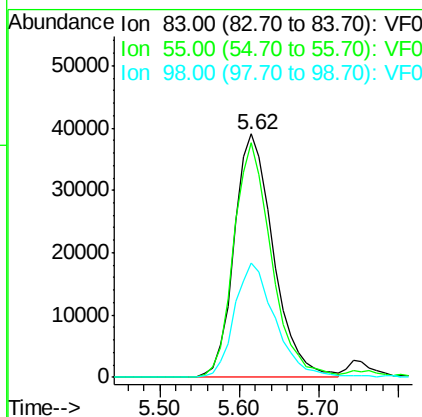
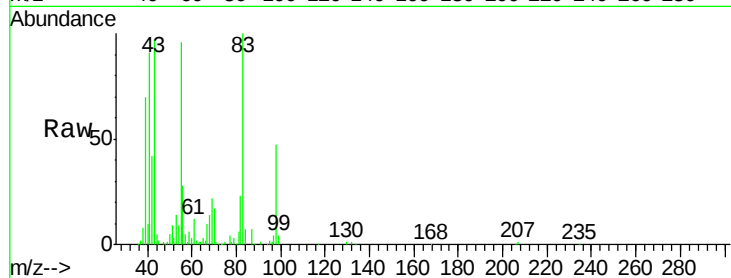
#39
Methvlcvclohexane
Concen: 54.01 ug/l
RT: 5.62 min Scan# 516
Delta R.T. -0.02 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	96.4	70.2	105.4
98	46.8	36.2	54.2

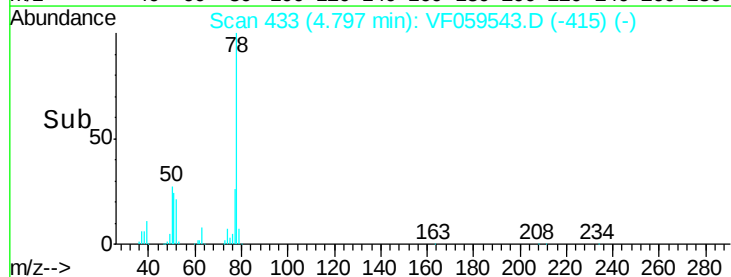
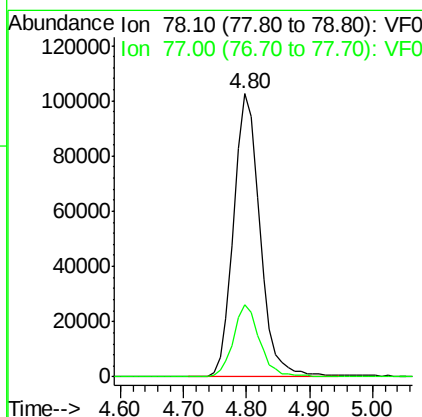
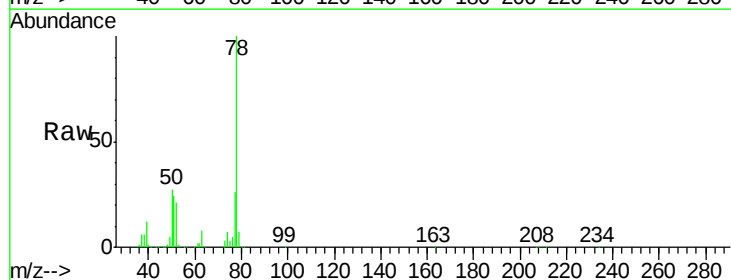
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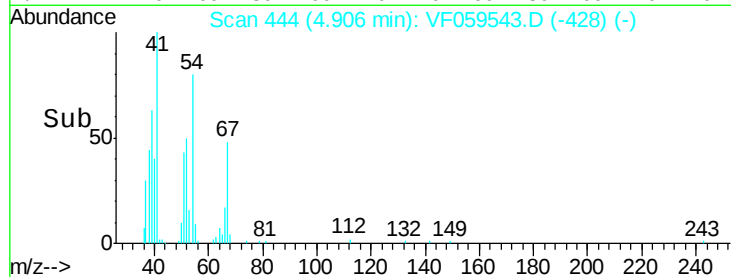
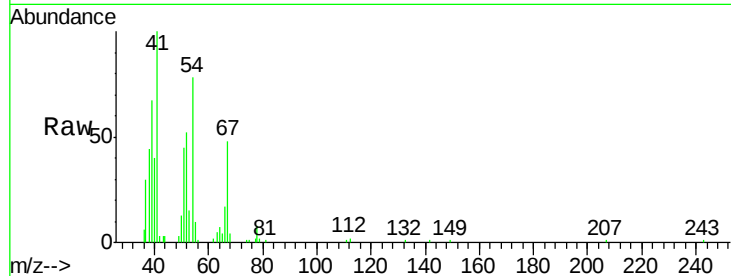
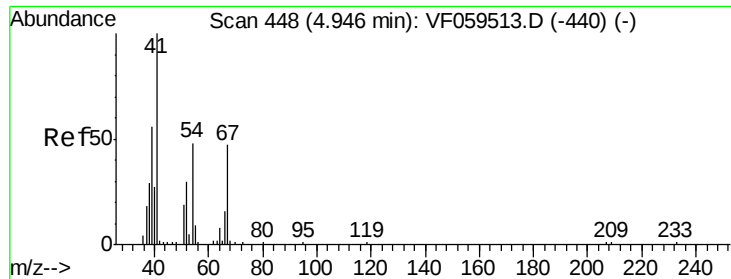
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#40
Benzene
Concen: 46.88 ug/l
RT: 4.80 min Scan# 433
Delta R.T. -0.02 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.6	19.4	29.0





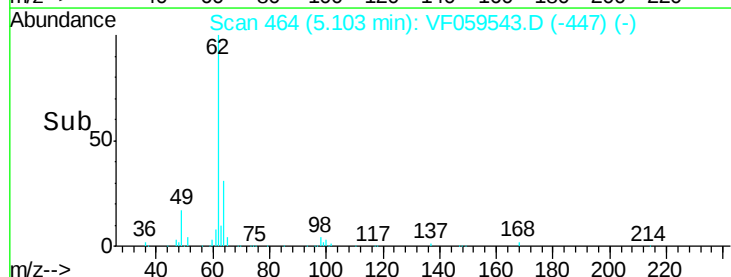
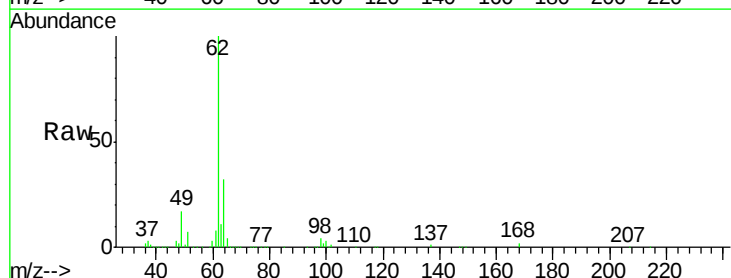
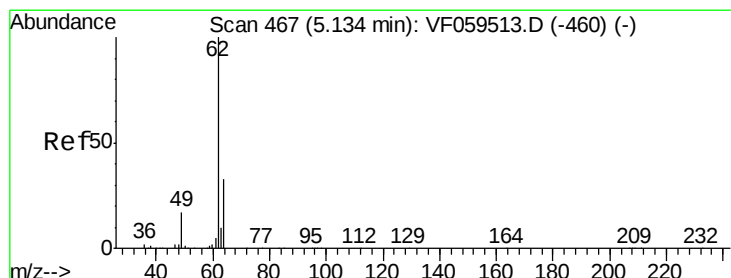
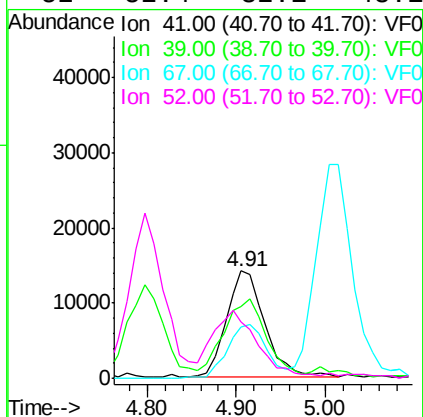
#41
Methacrylonitrile
Concen: 45.31 ug/l
RT: 4.91 min Scan# 444
Delta R.T. -0.04 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	42321		
39	39	66.7	49.4	74.0	
67	67	47.7	37.4	56.2	
52	52	52.4	32.1	48.1	#

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

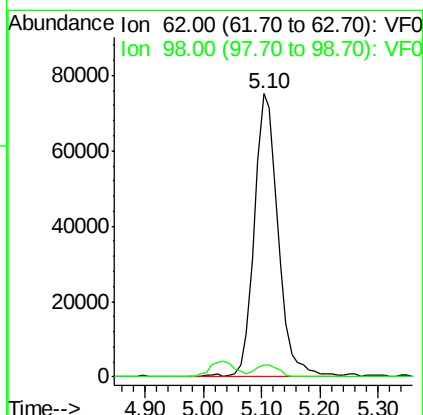
Manual Integrations
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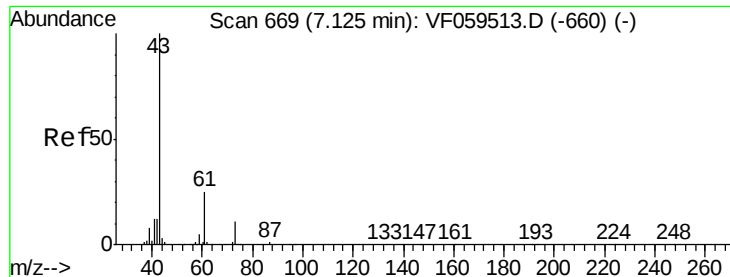
apatel
7/19/2018 11:12:14 AM



#42
1,2-Dichloroethane
Concen: 52.61 ug/l
RT: 5.10 min Scan# 464
Delta R.T. -0.03 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	218358		
98	98	4.3	0.0	9.6	





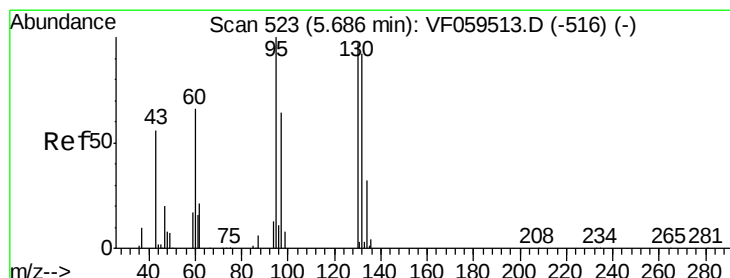
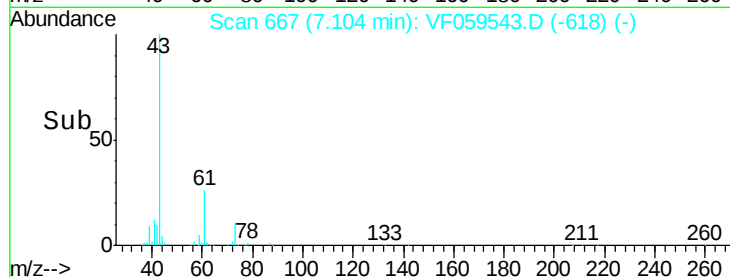
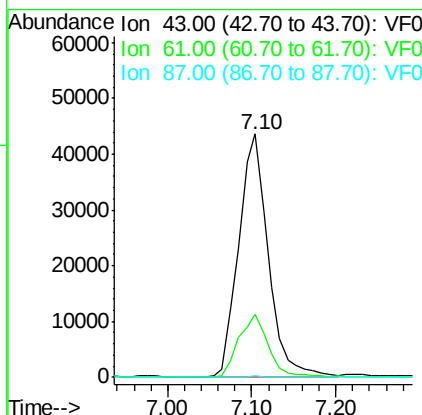
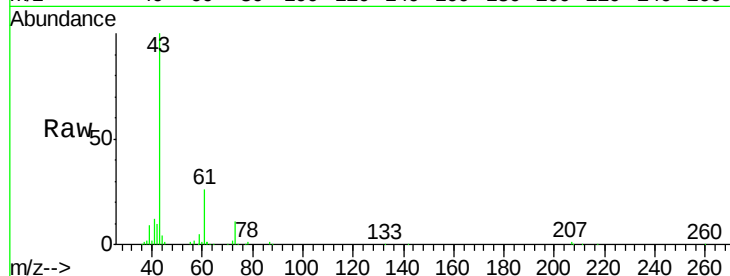
#43
Isopropyl Acetate
Concen: 45.99 ug/l
RT: 7.10 min Scan# 667
Delta R.T. -0.02 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.9	20.3	30.5
87	0.7	0.4	0.6

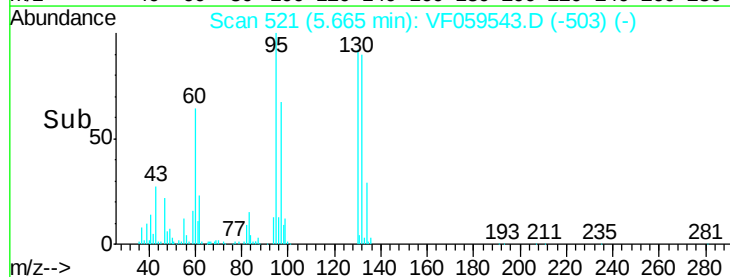
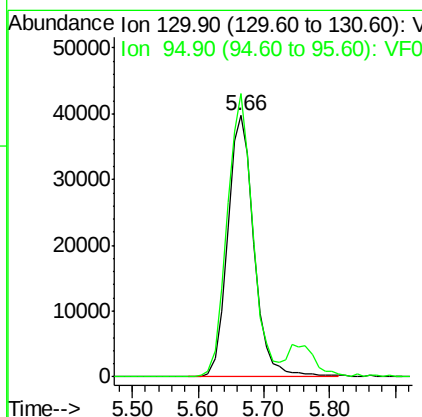
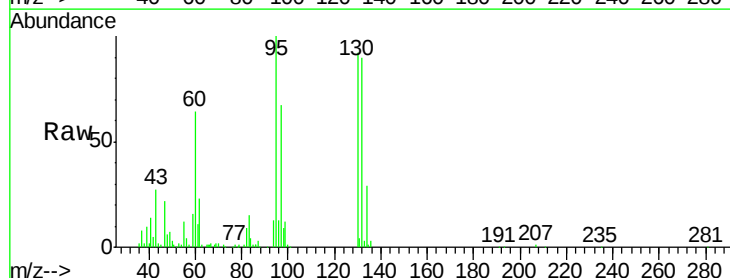
Manual Integrations
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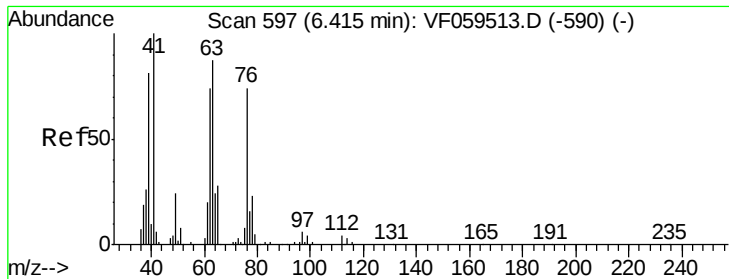
apatel
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#44
Trichloroethene
Concen: 47.47 ug/l
RT: 5.66 min Scan# 521
Delta R.T. -0.02 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	108.4	0.0	206.6





#45

1,2-Dichloropropane

Concen: 51.13 ug/l

RT: 6.39 min Scan# 595

Delta R.T. -0.02 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 89673

Ion Ratio Lower Upper

63 100

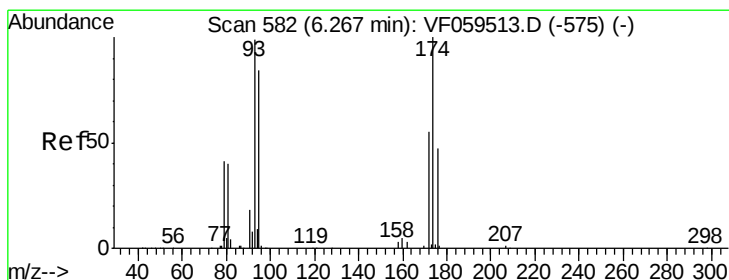
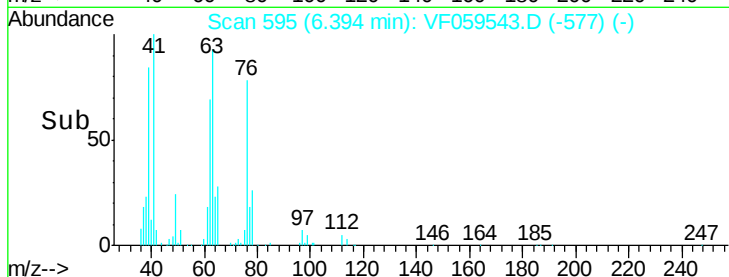
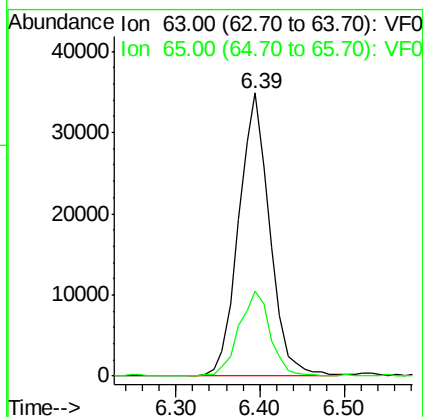
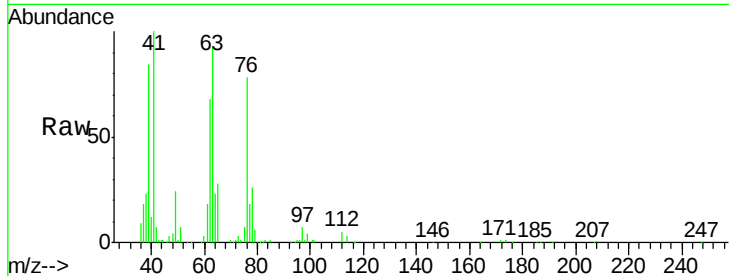
65 29.8 26.1 39.1

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#46

Dibromomethane

Concen: 51.33 ug/l

RT: 6.25 min Scan# 580

Delta R.T. -0.02 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

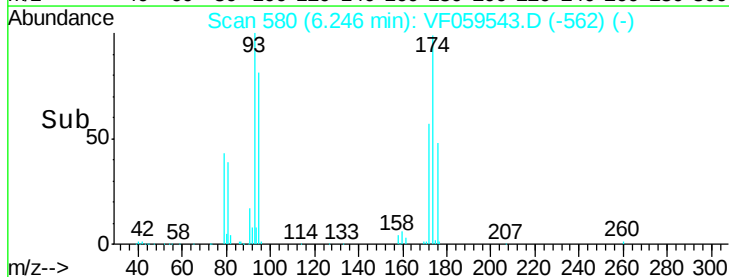
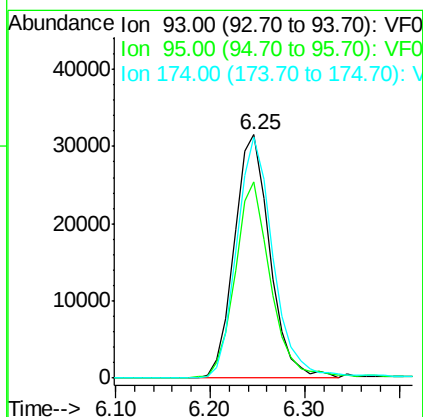
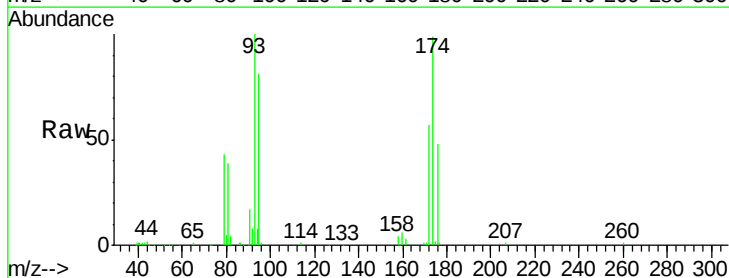
Tgt Ion: 93 Resp: 81983

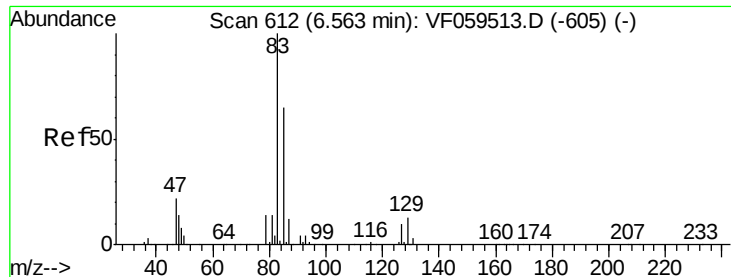
Ion Ratio Lower Upper

93 100

95 80.8 68.3 102.5

174 100.5 81.2 121.8





#47

Bromodichloromethane

Concen: 53.12 ug/l

RT: 6.53 min Scan# 609

Delta R.T. -0.03 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Instrument :

MSVOA_F

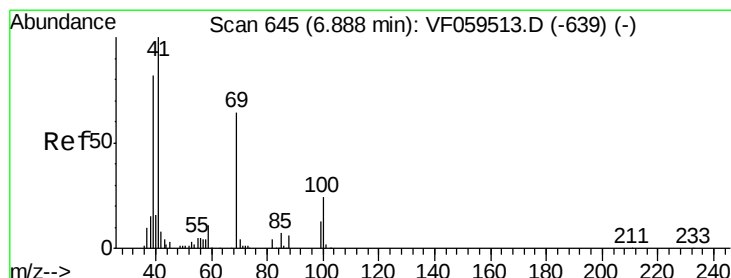
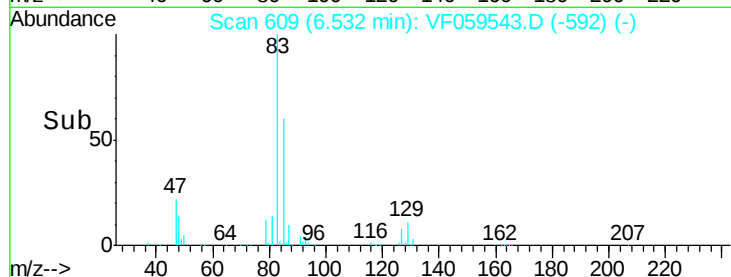
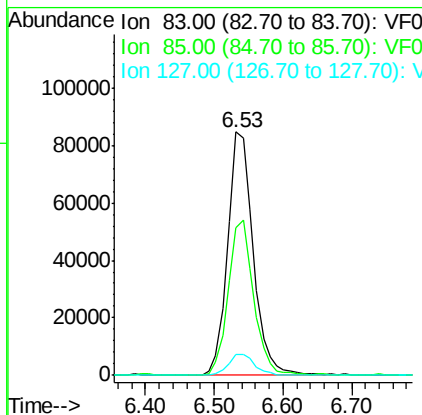
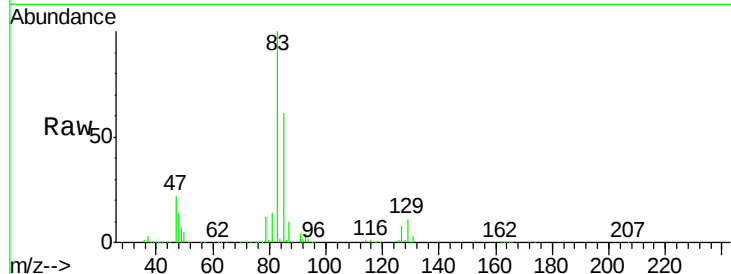
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	218384
Ion	Ratio	Lower	Upper
83	100		
85	60.5	52.4	78.6
127	8.4	8.2	12.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.16 ug/l

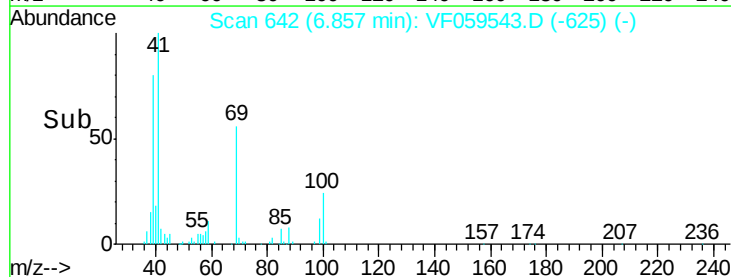
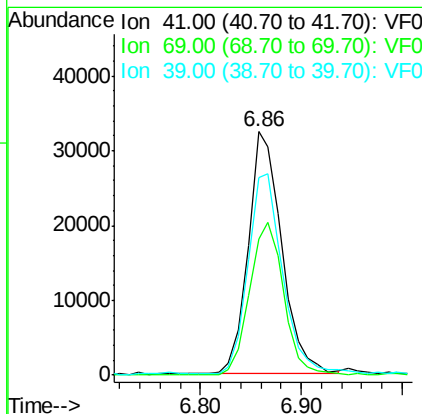
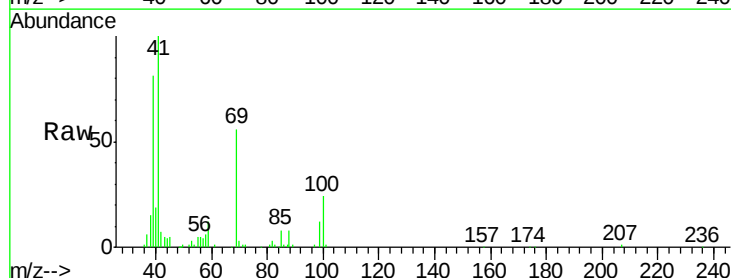
RT: 6.86 min Scan# 642

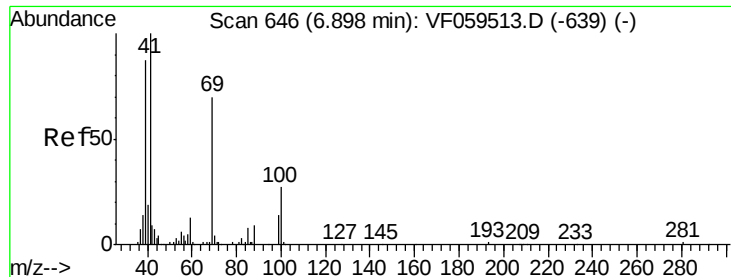
Delta R.T. -0.03 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Tgt Ion:	41	Resp:	75482
Ion	Ratio	Lower	Upper
41	100		
69	55.7	51.3	76.9
39	81.2	65.3	97.9





#49

1,4-Dioxane

Concen: 1235.58 ug/l

RT: 6.86 min Scan# 642

Delta R.T. -0.04 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Instrument :

MSVOA_F

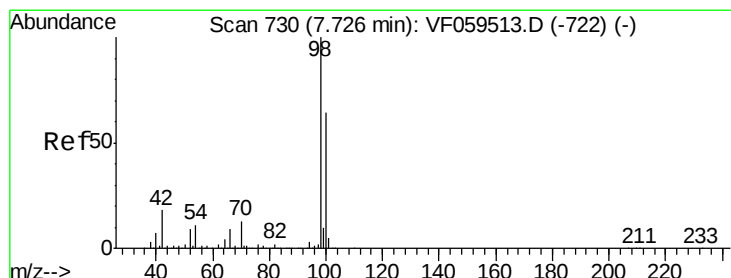
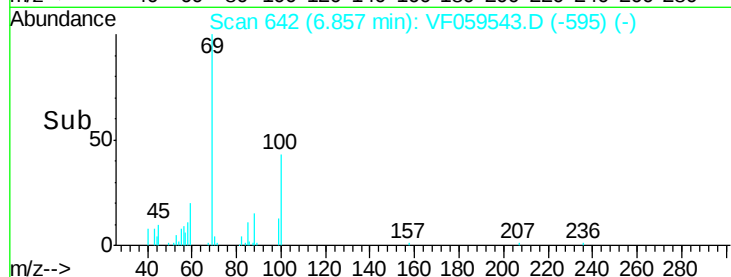
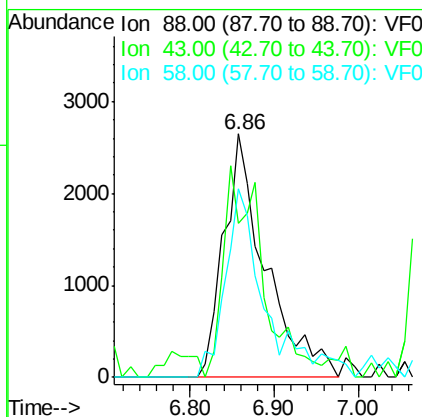
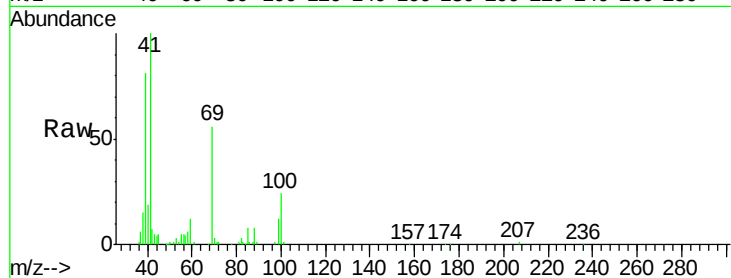
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	9128
Ion Ratio	Lower	Upper	
88	100		
43	63.0	64.8	97.2#
58	77.6	44.1	66.1#

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#50

Toluene-d8

Concen: 52.22 ug/l

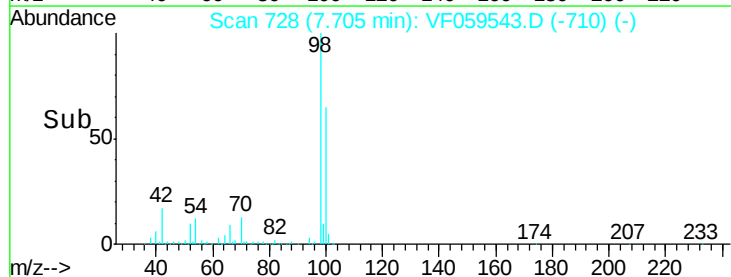
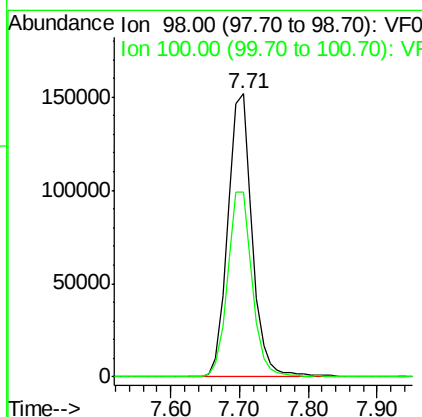
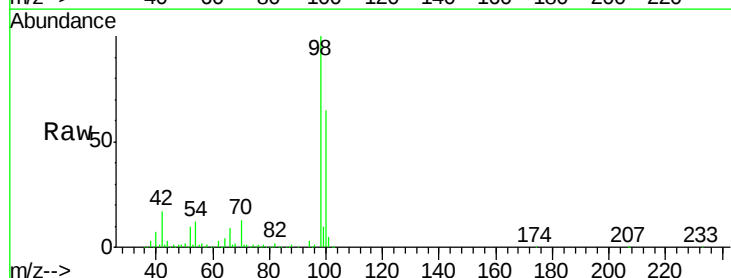
RT: 7.71 min Scan# 728

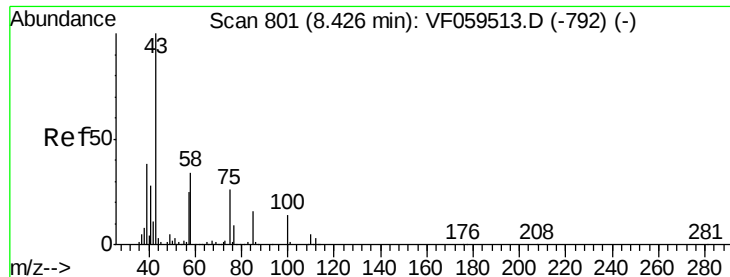
Delta R.T. -0.02 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Tgt Ion:	98	Resp:	370697
Ion Ratio	Lower	Upper	
98	100		
100	65.1	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 228.46 ug/l

RT: 8.40 min Scan# 798

Delta R.T. -0.03 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 379009

Ion Ratio Lower Upper

43 100

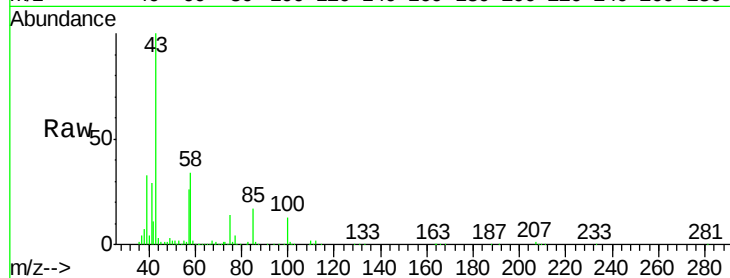
58 34.5 27.4 41.2

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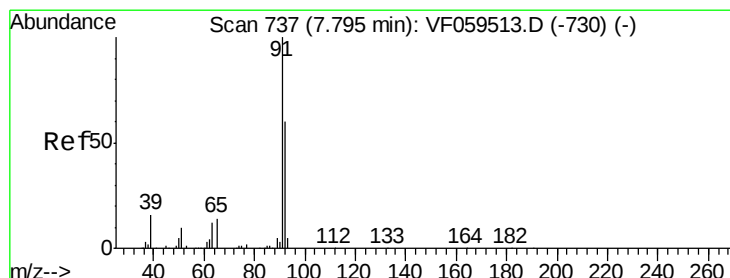
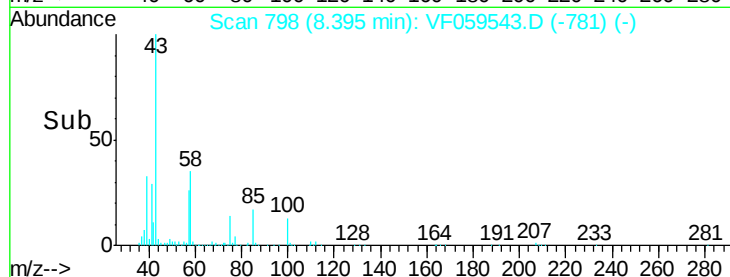
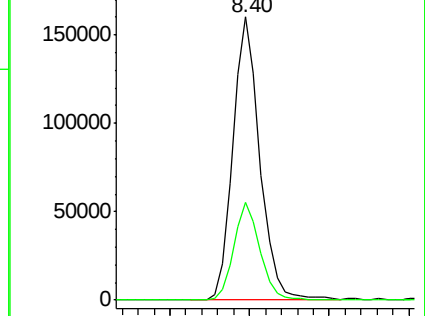
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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 50.82 ug/l

RT: 7.77 min Scan# 735

Delta R.T. -0.02 min

Lab File: VF059543.D

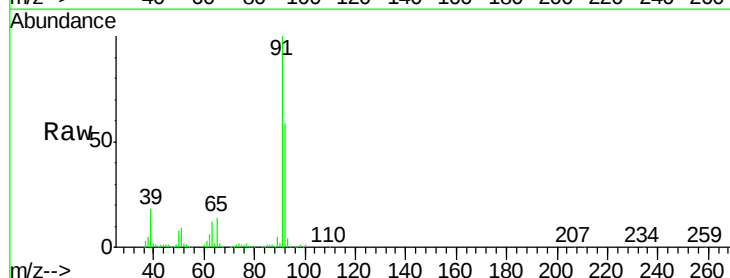
Acq: 19 Jul 2018 6:24

Tgt Ion: 92 Resp: 232865

Ion Ratio Lower Upper

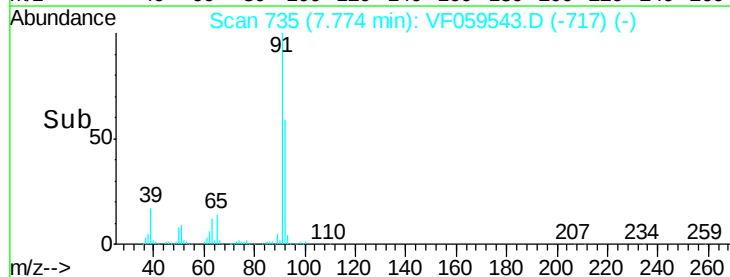
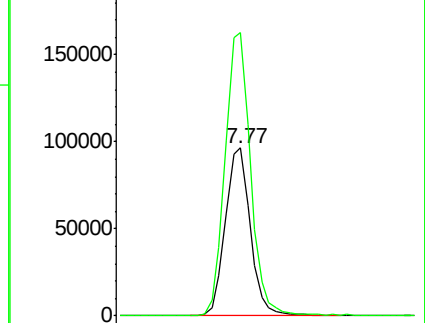
92 100

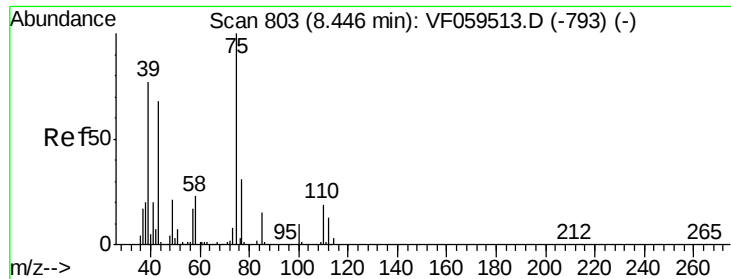
91 168.9 134.2 201.4



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 49.55 ug/l

RT: 8.41 min Scan# 800

Delta R.T. -0.03 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 187397

Ion Ratio Lower Upper

75 100

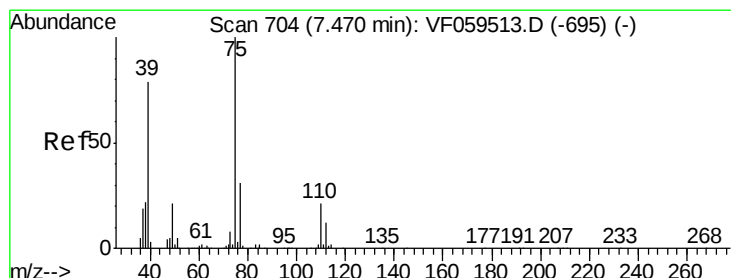
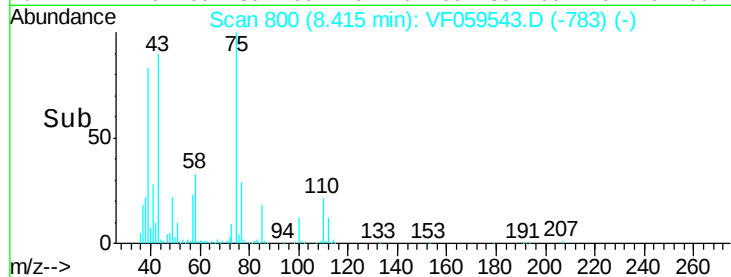
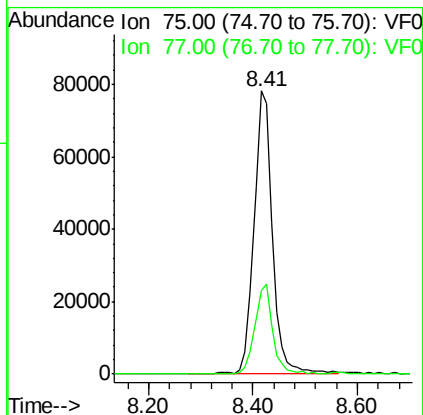
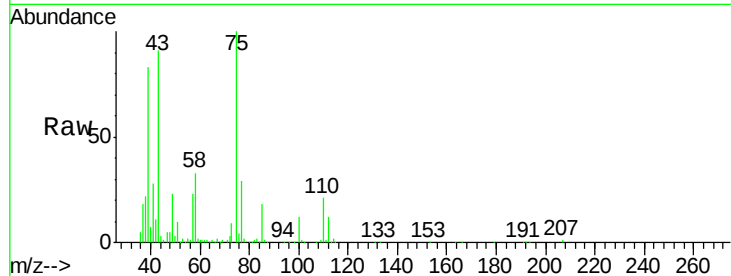
77 29.4 25.3 37.9

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#54

cis-1,3-Dichloropropene

Concen: 50.89 ug/l

RT: 7.45 min Scan# 702

Delta R.T. -0.02 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

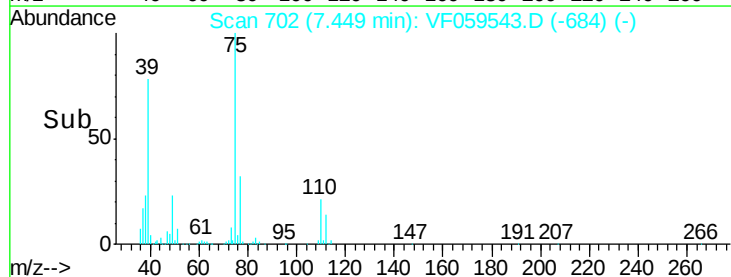
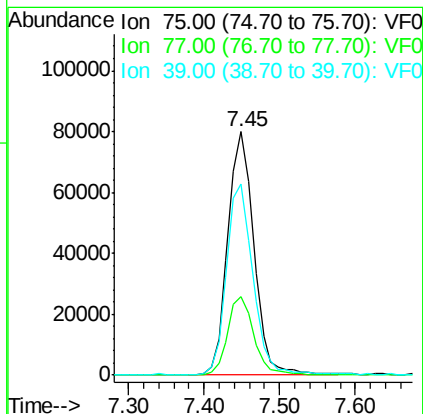
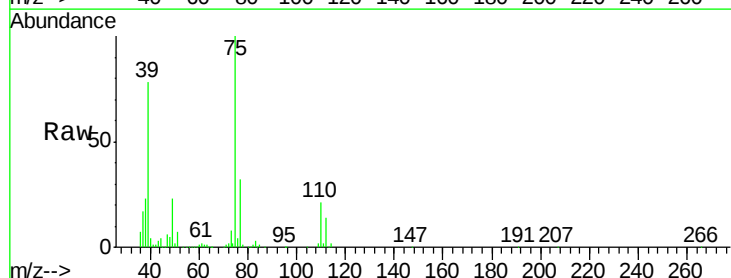
Tgt Ion: 75 Resp: 191603

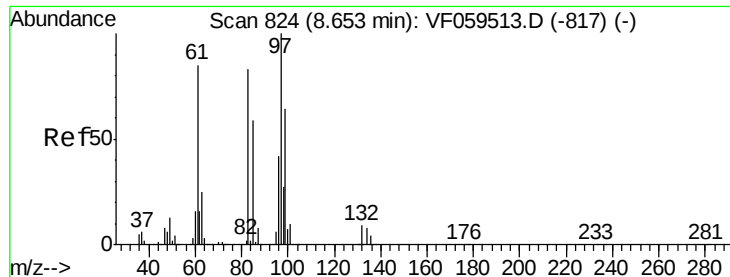
Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.6

39 78.3 63.8 95.6





#55

1,1,2-Trichloroethane

Concen: 52.92 ug/l

RT: 8.63 min Scan# 822

Delta R.T. -0.02 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Instrument :

MSVOA_F

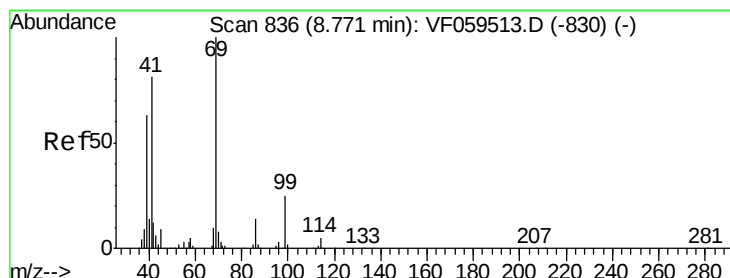
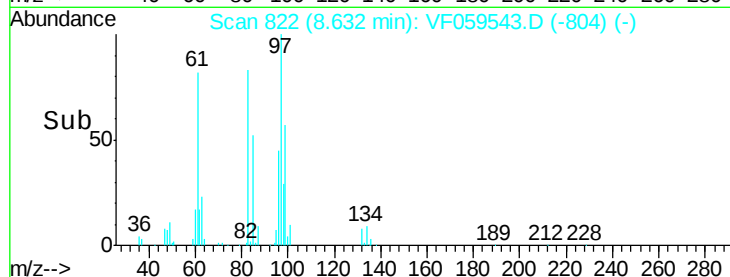
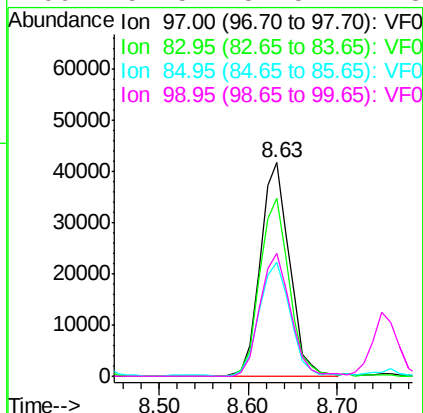
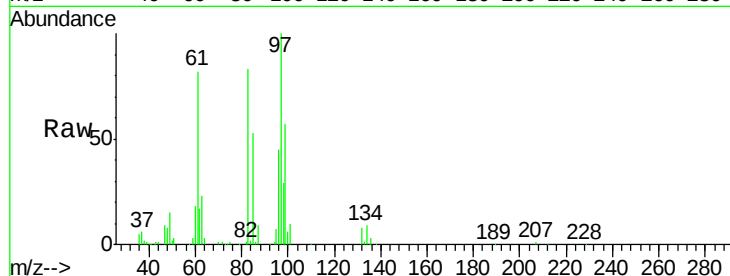
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	93965
Ion Ratio	Lower	Upper	
97	100		
83	83.2	66.9	100.3
85	53.2	46.9	70.3
99	57.5	51.5	77.3

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#56

Ethyl methacrylate

Concen: 50.25 ug/l

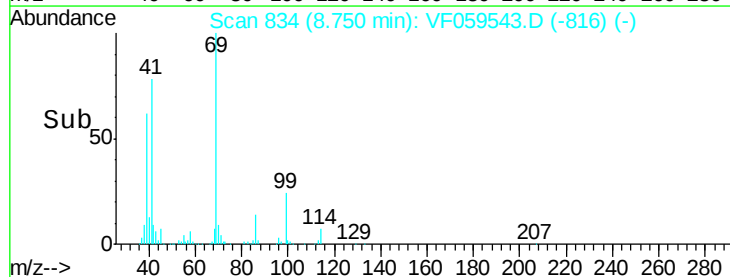
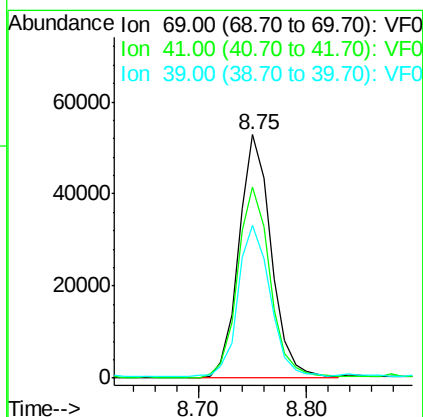
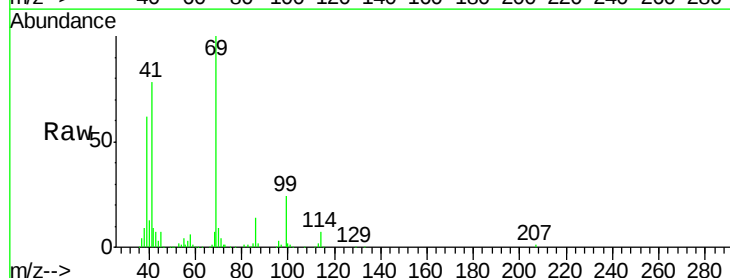
RT: 8.75 min Scan# 834

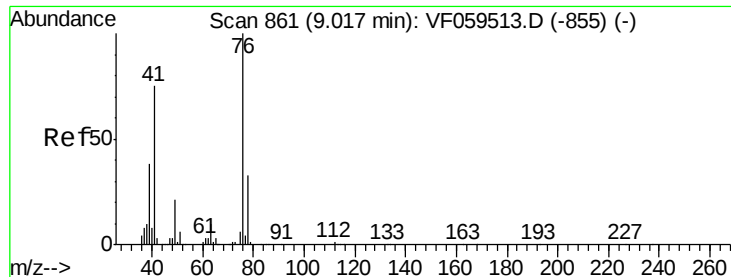
Delta R.T. -0.02 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Tgt Ion:	69	Resp:	110652
Ion Ratio	Lower	Upper	
69	100		
41	78.3	65.4	98.2
39	62.5	51.0	76.4





#57

1,3-Dichloropropane

Concen: 50.25 ug/l

RT: 8.99 min Scan# 858

Delta R.T. -0.03 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 157763

Ion Ratio Lower Upper

76 100

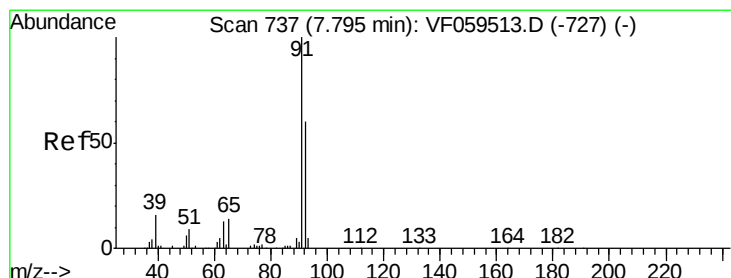
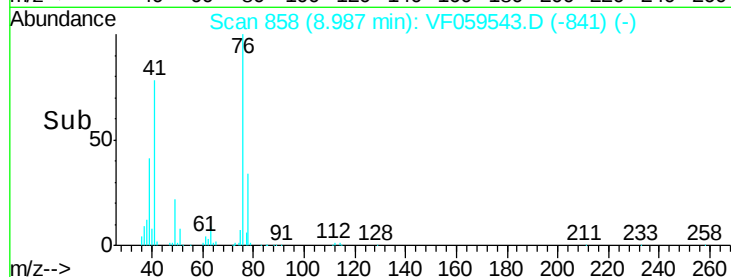
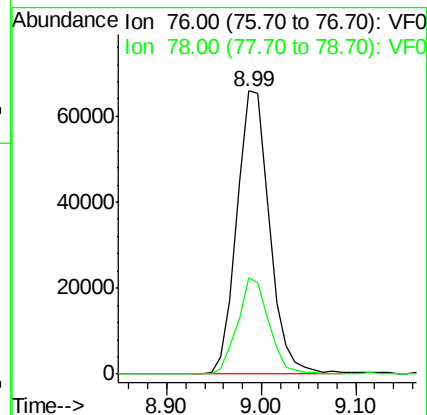
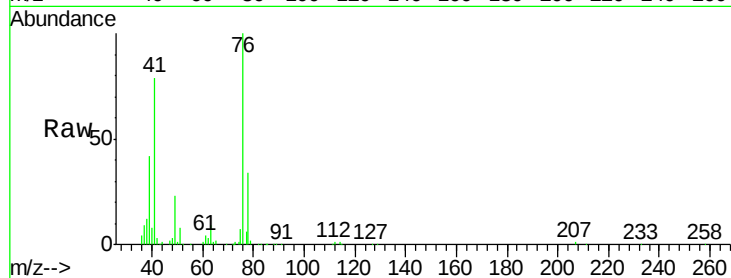
78 34.1 26.4 39.6

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#58

2-Chloroethyl Vinyl ether

Concen: 249.76 ug/l

RT: 7.76 min Scan# 734

Delta R.T. -0.03 min

Lab File: VF059543.D

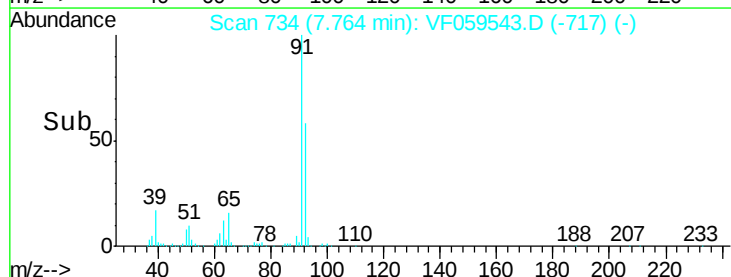
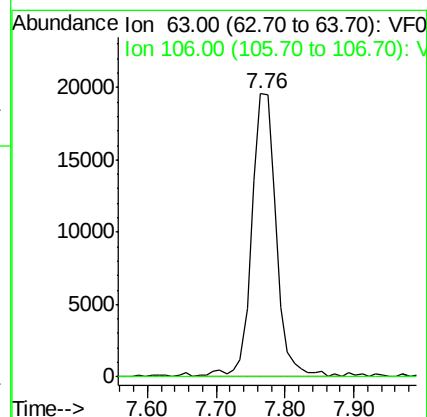
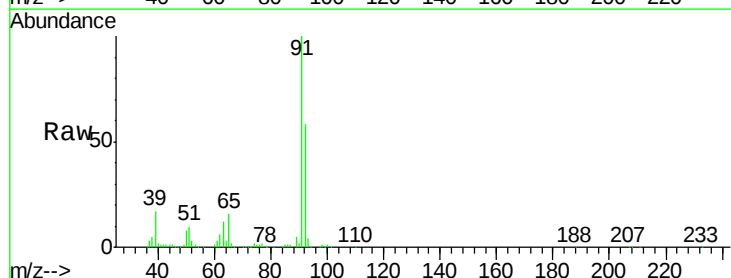
Acq: 19 Jul 2018 6:24

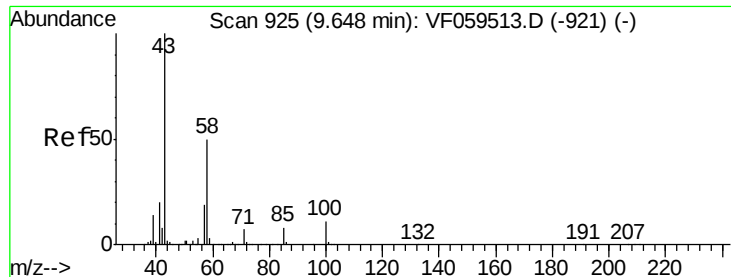
Tgt Ion: 63 Resp: 48553

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0





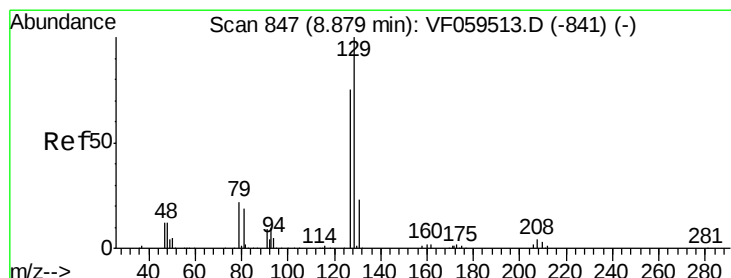
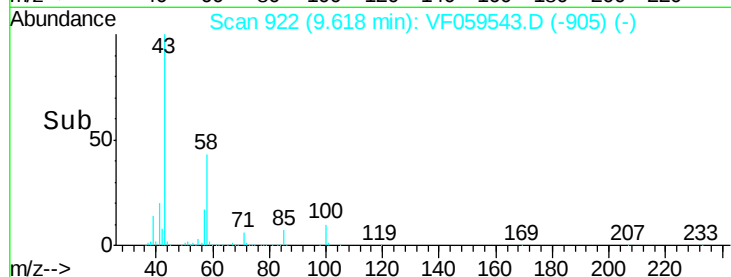
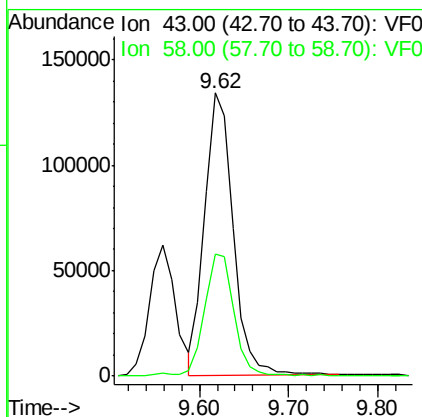
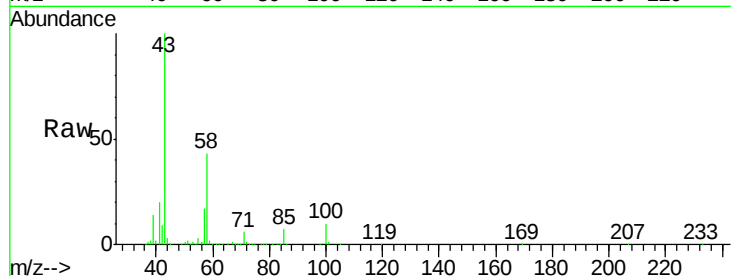
#59
2-Hexanone
Concen: 236.33 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.03 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 296302
Ion Ratio Lower Upper
43 100
58 43.0 23.3 69.9

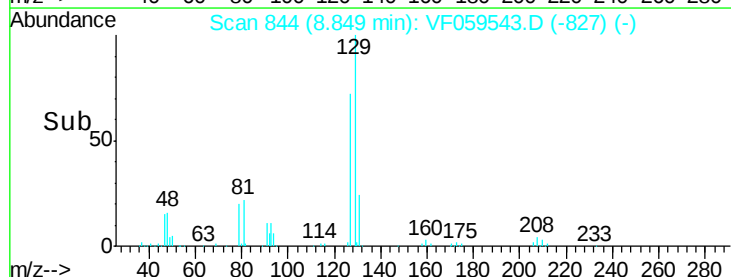
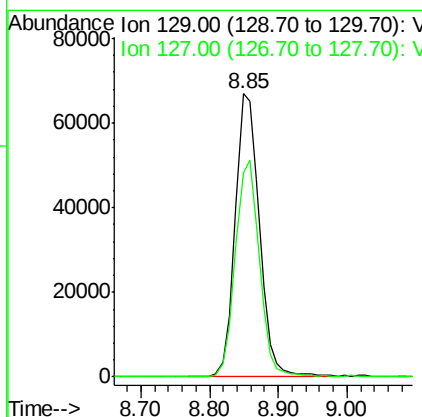
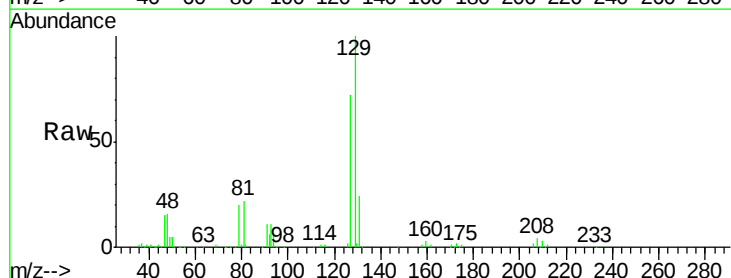
Manual Integrations
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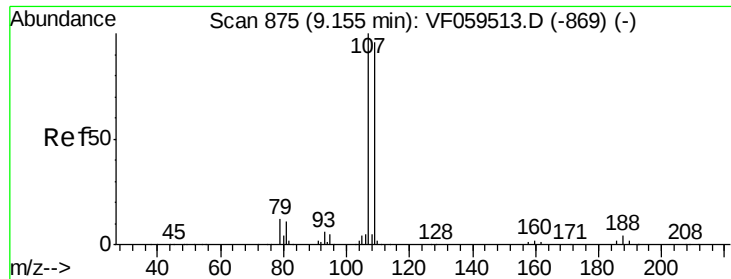
apatel
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#60
Dibromochloromethane
Concen: 54.56 ug/l
RT: 8.85 min Scan# 844
Delta R.T. -0.03 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Tgt Ion: 129 Resp: 163270
Ion Ratio Lower Upper
129 100
127 72.2 37.6 112.8





#61

1,2-Dibromoethane

Concen: 51.83 ug/l

RT: 9.12 min Scan# 872

Delta R.T. -0.03 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 114192

Ion Ratio Lower Upper

107 100

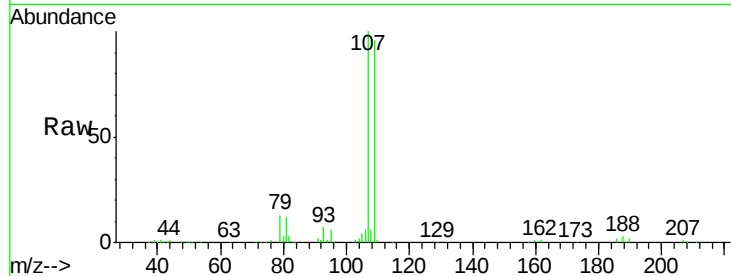
109 96.4 76.5 114.7

Manual Integrations

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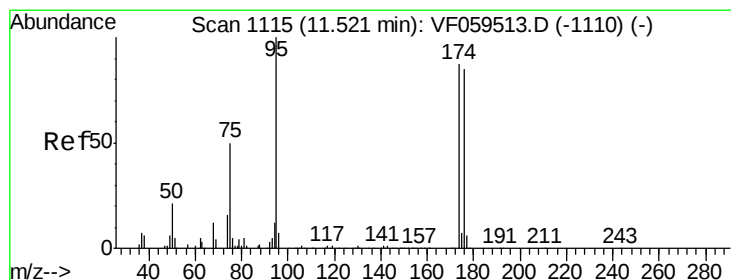
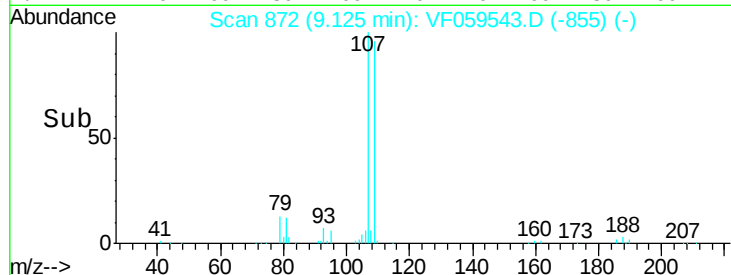
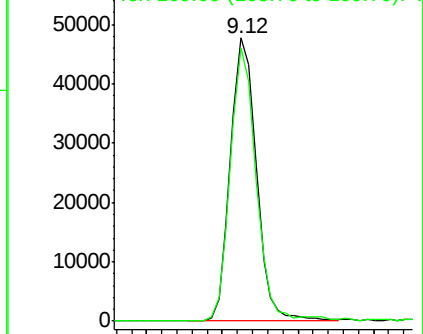
apatel

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Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 56.69 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.02 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

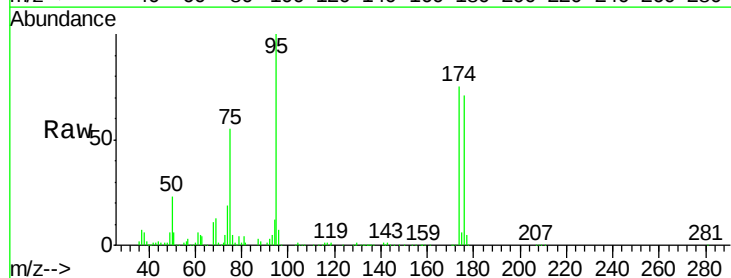
Tgt Ion: 95 Resp: 211123

Ion Ratio Lower Upper

95 100

174 74.7 0.0 174.4

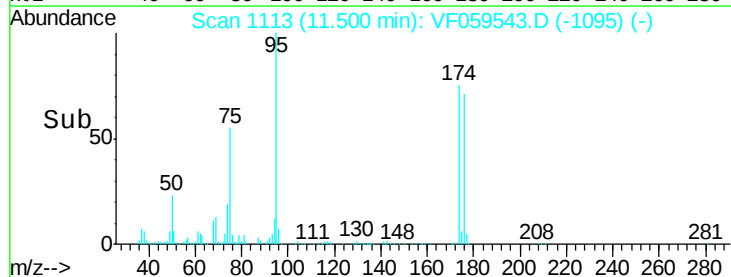
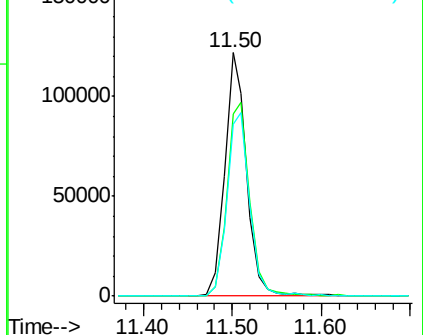
176 70.7 0.0 169.4

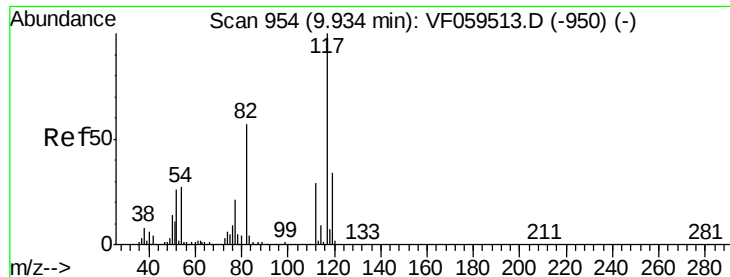


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 952

Delta R.T. -0.02 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Instrument :

MSVOA_F

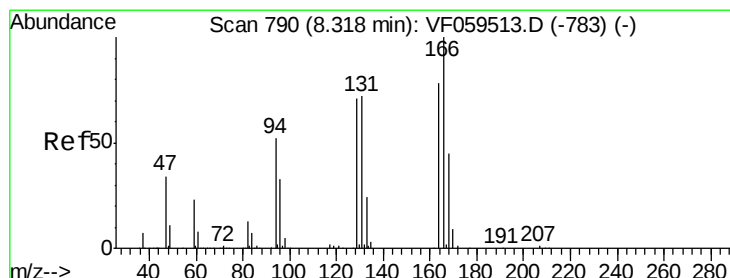
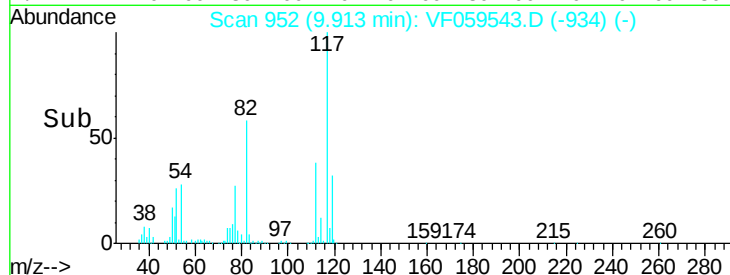
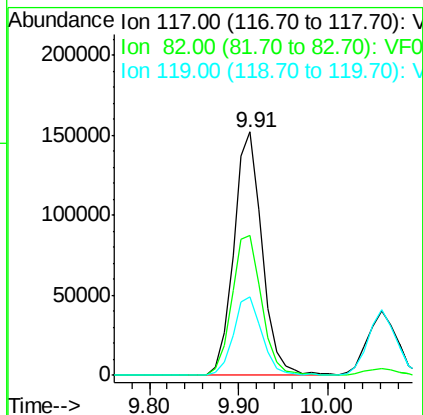
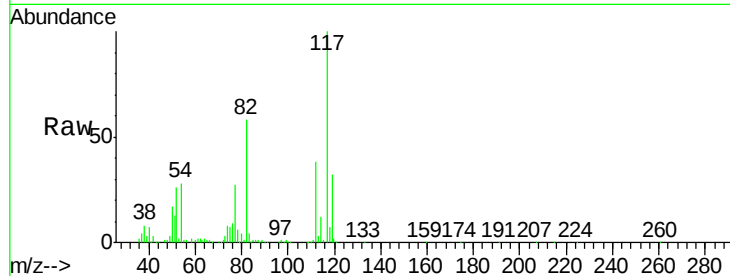
ClientSampleId :

VSTDCCC050

Tot Ion:	117	Resp:	338127
Ion Ratio		Lower	Upper
117	100		
82	57.6	46.1	69.1
119	32.1	27.2	40.8

Manual Integrations
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#64

Tetrachloroethene

Concen: 49.41 ug/l

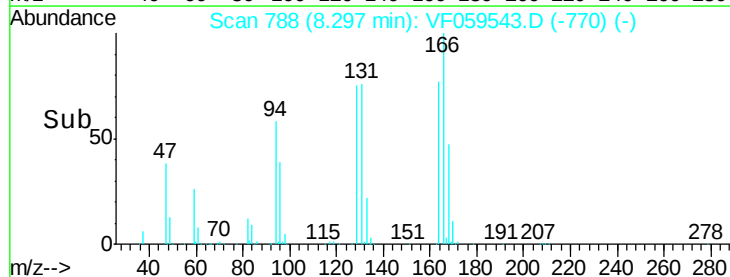
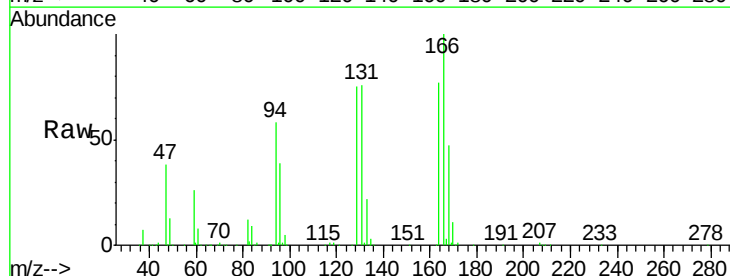
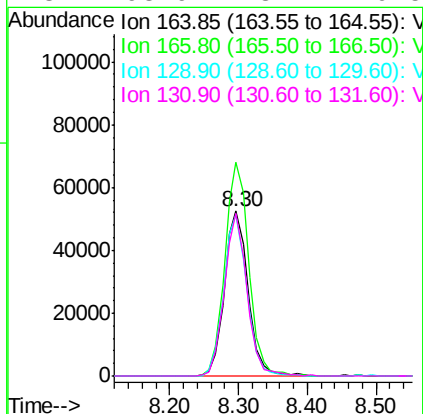
RT: 8.30 min Scan# 788

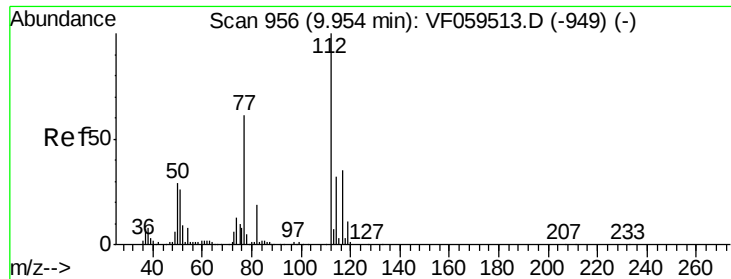
Delta R.T. -0.02 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Tgt Ion:	164	Resp:	124410
Ion Ratio		Lower	Upper
164	100		
166	129.8	102.3	153.5
129	98.0	72.4	108.6
131	98.9	73.7	110.5





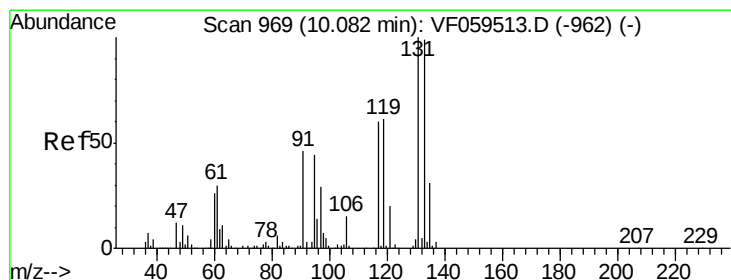
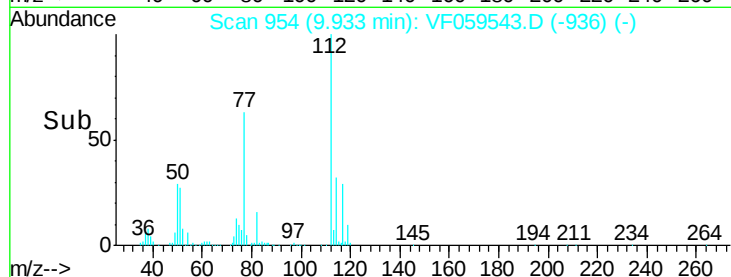
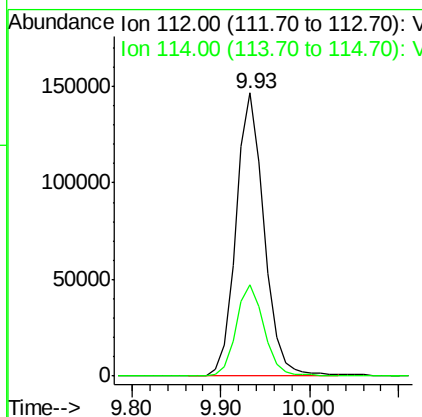
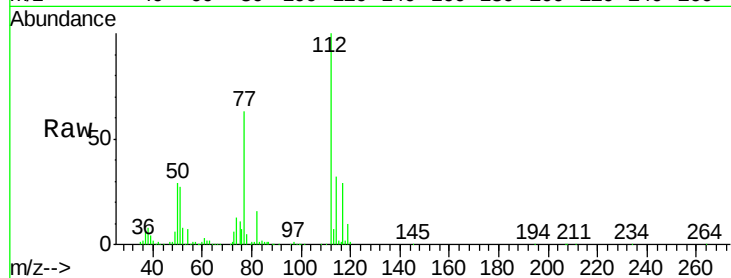
#65
Chlorobenzene
Concen: 50.67 ug/l
RT: 9.93 min Scan# 954
Delta R.T. -0.02 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.4	38.2

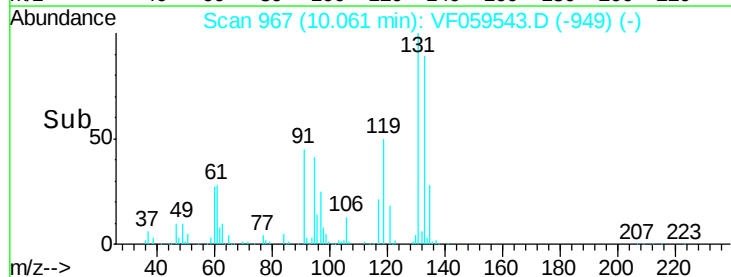
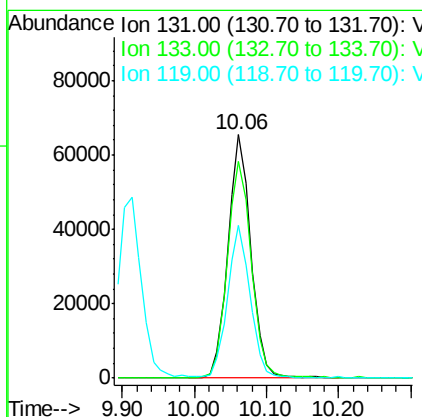
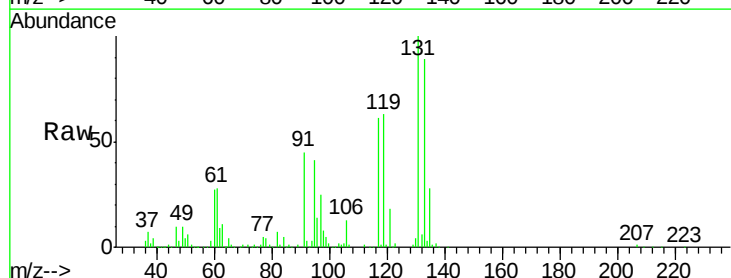
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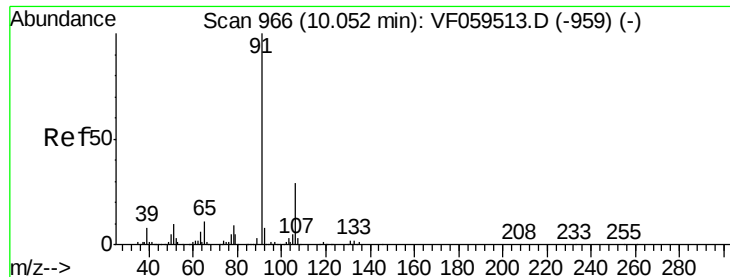
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.10 ug/l
RT: 10.06 min Scan# 967
Delta R.T. -0.02 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Tgt Ion	Ratio	Lower	Upper
131	100		
133	88.8	49.6	148.8
119	63.0	31.4	94.3





#67

Ethyl Benzene

Concen: 48.95 ug/l

RT: 10.03 min Scan# 964

Delta R.T. -0.02 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Tot Ion: 91 Resp: 552547

Ion Ratio Lower Upper

91 100

106 27.9 23.4 35.2

Instrument :

MSVOA_F

ClientSampleId :

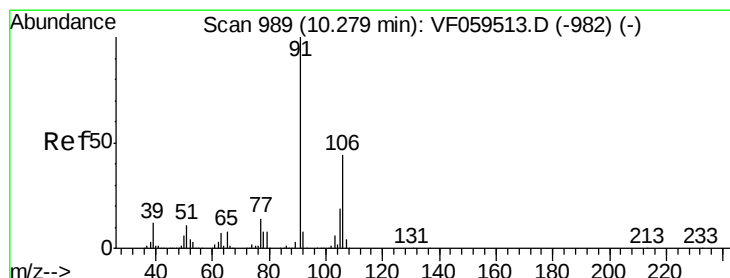
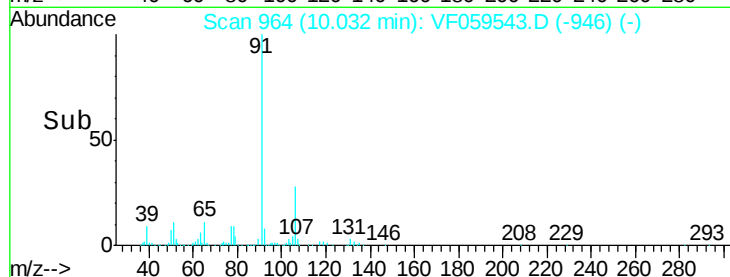
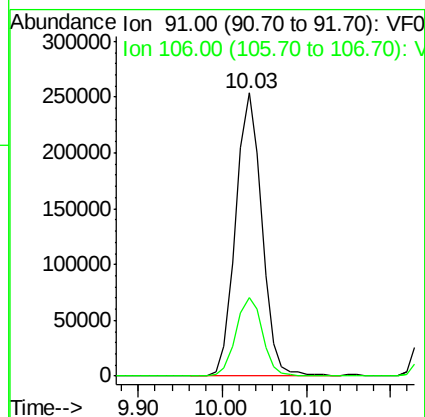
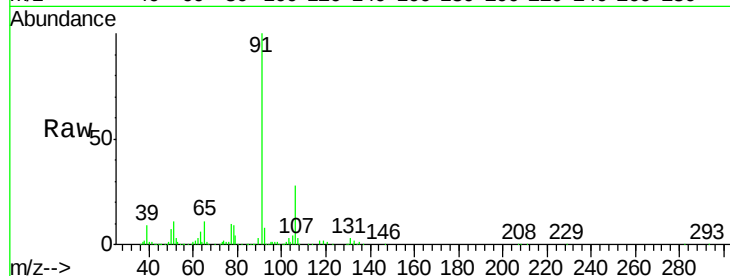
VSTDCCC050

Manual Integrations

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#68

m/p-Xylenes

Concen: 97.06 ug/l

RT: 10.26 min Scan# 987

Delta R.T. -0.02 min

Lab File: VF059543.D

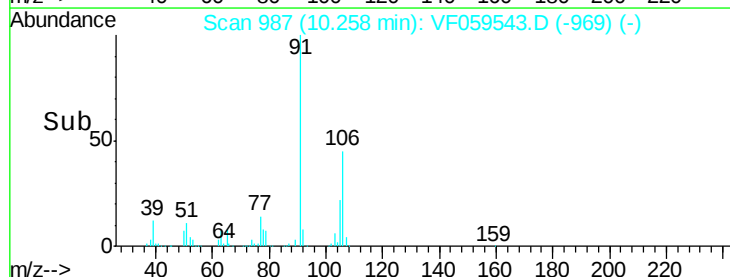
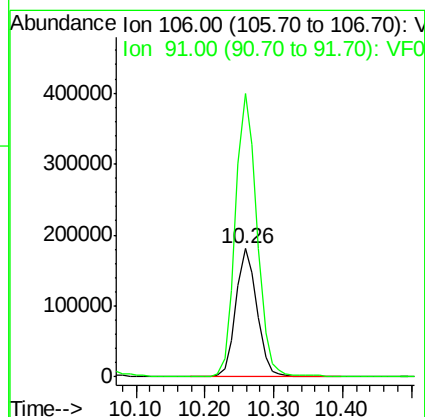
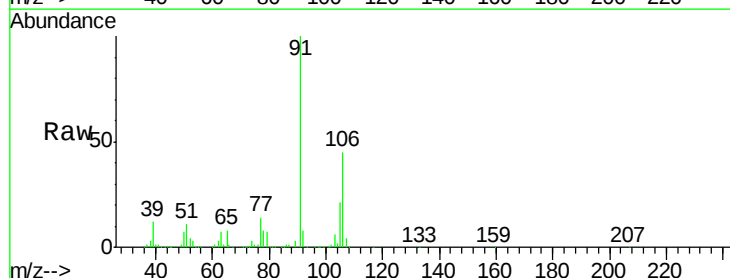
Acq: 19 Jul 2018 6:24

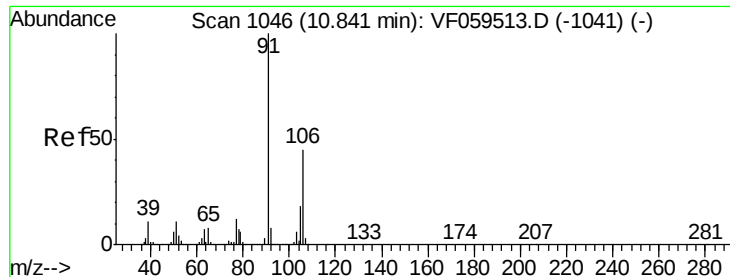
Tgt Ion: 106 Resp: 386690

Ion Ratio Lower Upper

106 100

91 220.8 181.0 271.4





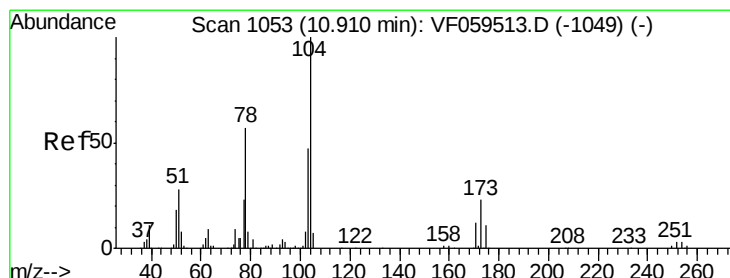
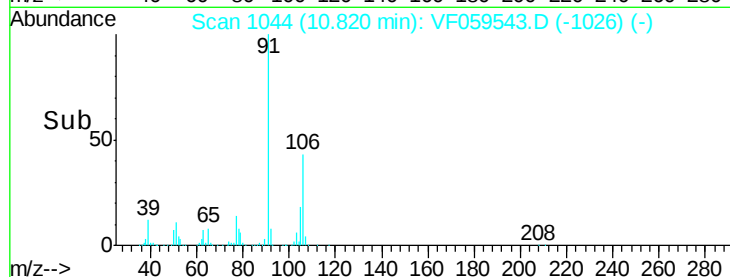
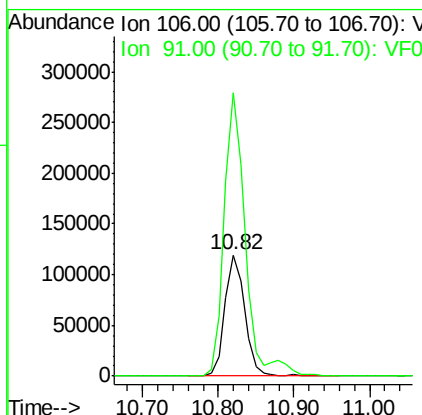
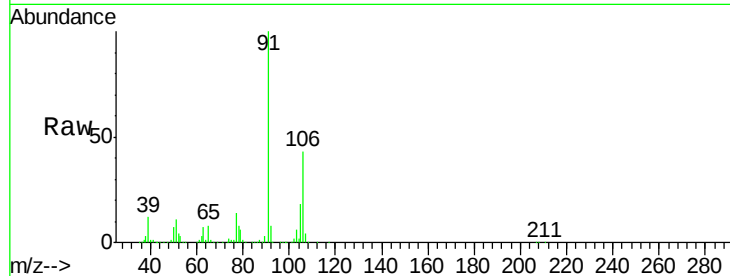
#69
o-Xylene
Concen: 51.47 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.02 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 218345
Ion Ratio Lower Upper
106 100
91 233.9 112.3 336.9

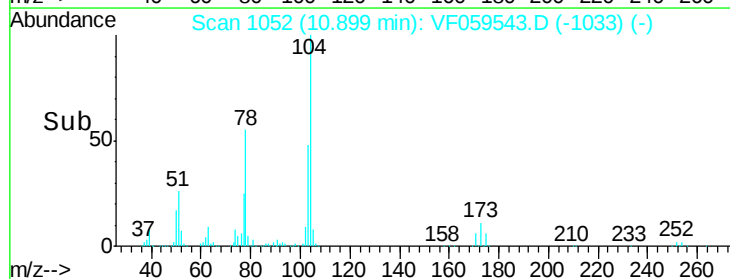
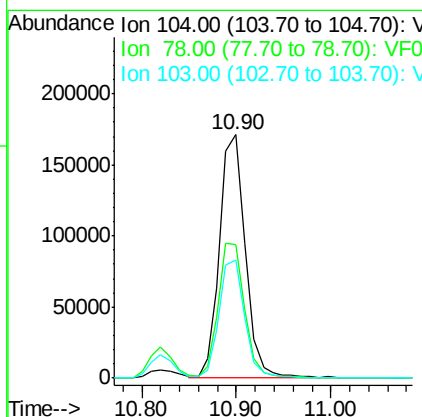
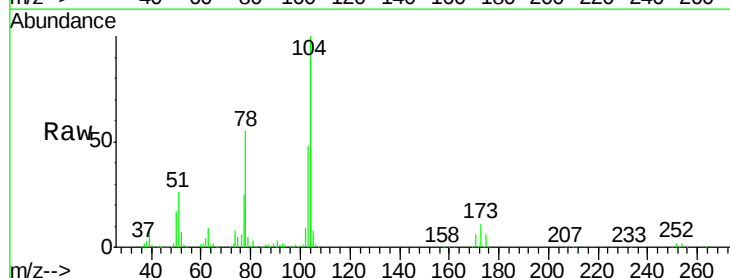
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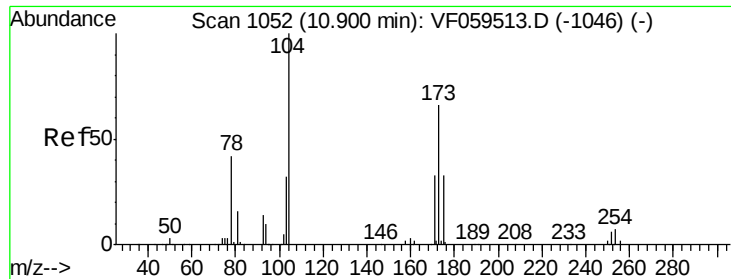
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#70
Styrene
Concen: 49.56 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Tgt Ion:104 Resp: 323154
Ion Ratio Lower Upper
104 100
78 54.8 45.7 68.5
103 48.3 38.1 57.1





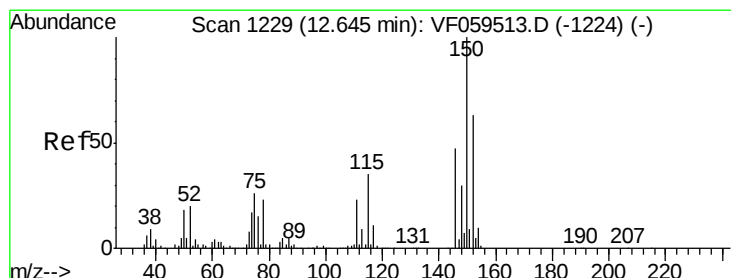
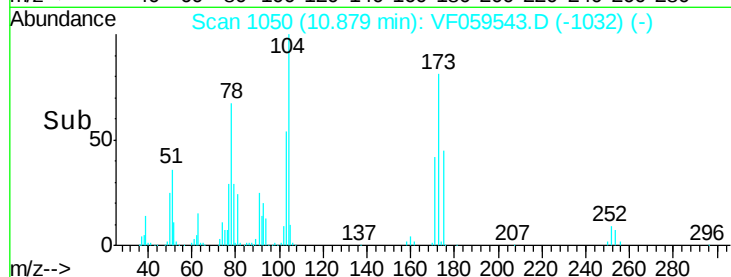
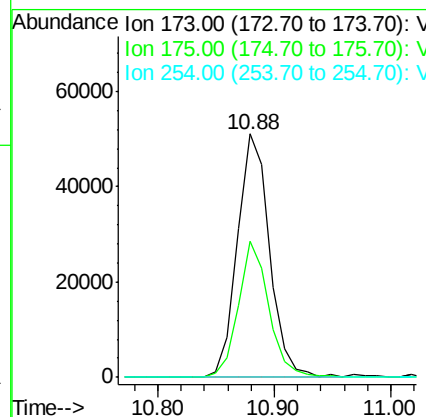
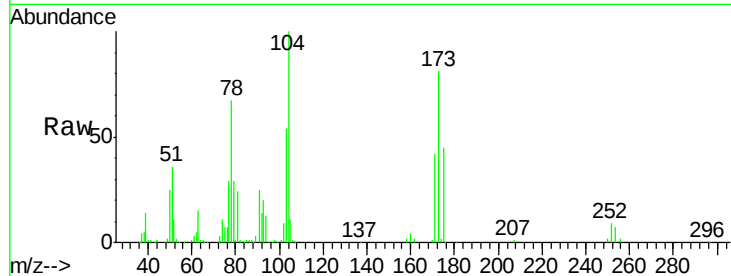
#71
Bromoform
Concen: 48.70 ug/l
RT: 10.88 min Scan# 1050
Delta R.T. -0.02 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	55.7	25.3	75.8
254	0.0	0.0	0.0

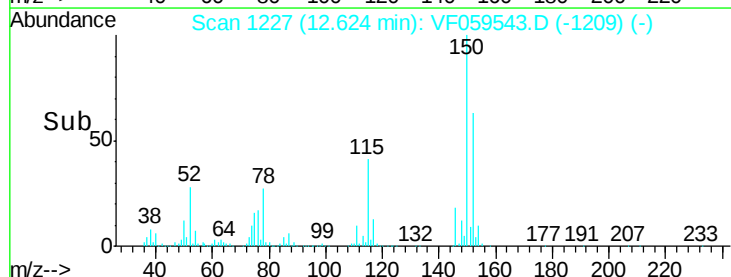
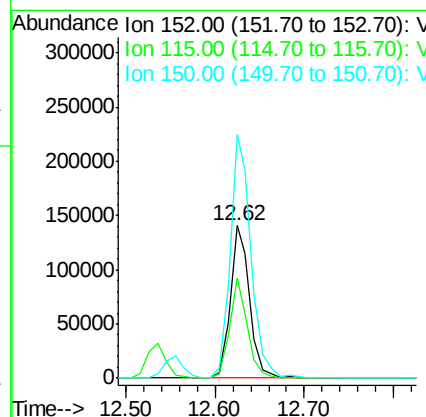
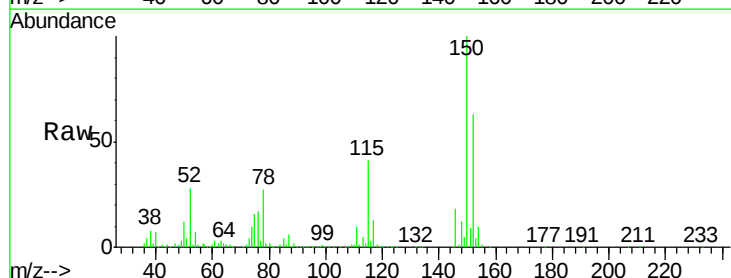
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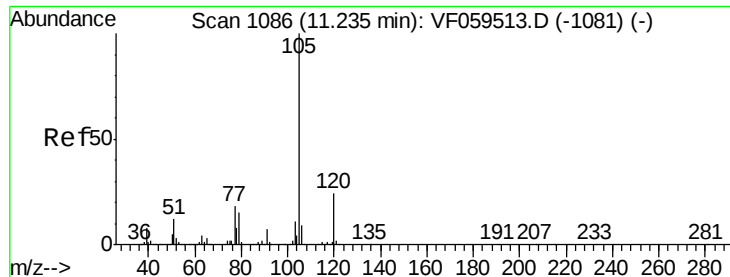
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.1	27.8	83.3
150	159.9	0.0	318.4





#73

Isopropylbenzene

Concen: 46.09 ug/l

RT: 11.22 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 621641

Ion Ratio Lower Upper

105 100

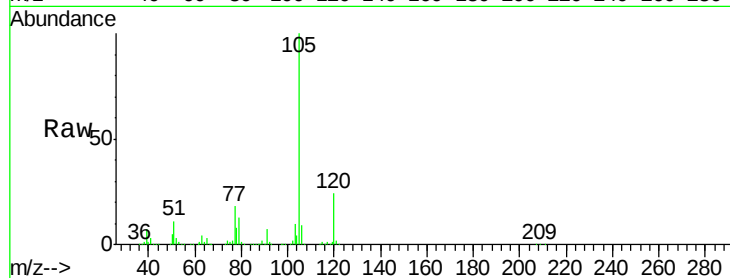
120 24.0 12.0 36.0

Manual Integrations

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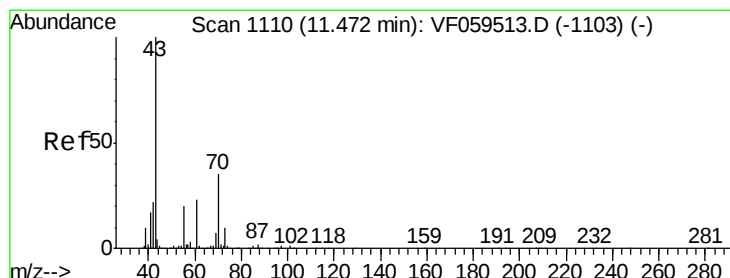
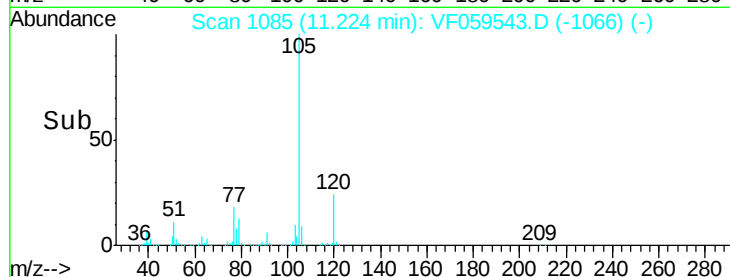
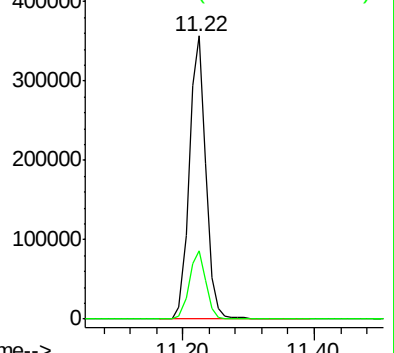
apatel

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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: 43.12 ug/l

RT: 11.46 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Tgt Ion: 43 Resp: 186260

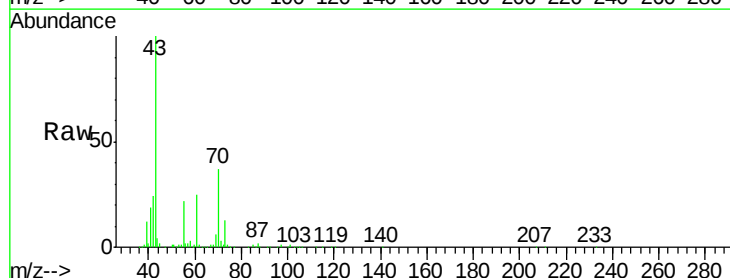
Ion Ratio Lower Upper

43 100

70 37.3 27.9 41.9

55 22.1 16.2 24.2

61 24.8 18.6 27.8

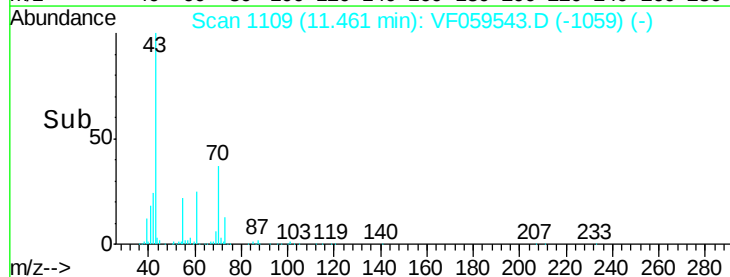
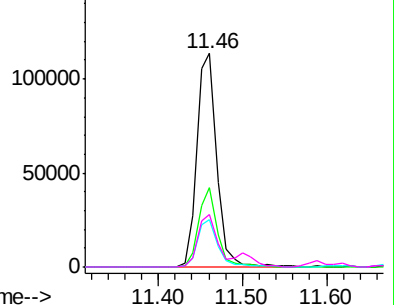


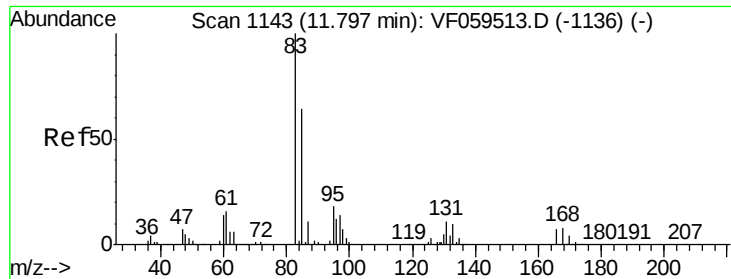
Abundance Ion 43.00 (42.70 to 43.70): VF0

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: 46.29 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. -0.02 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Instrument :

MSVOA_F

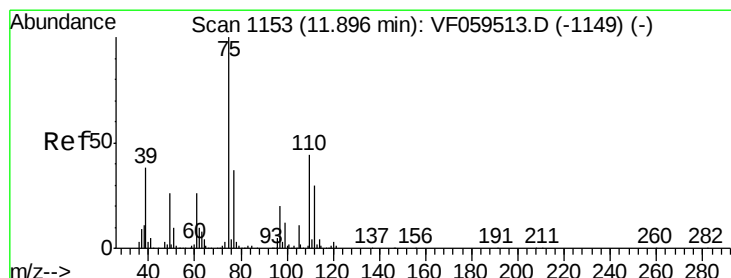
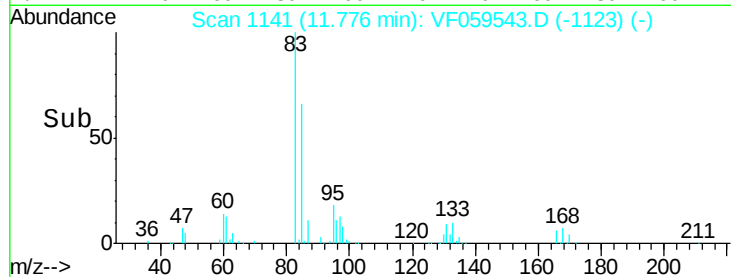
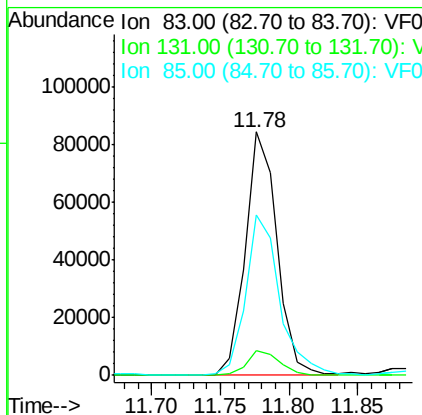
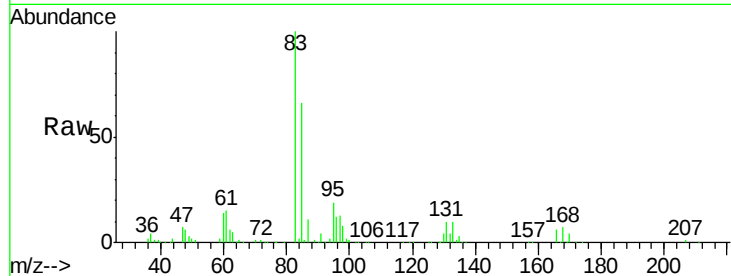
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	136193
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.7	17.1
85	65.7	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 46.42 ug/l

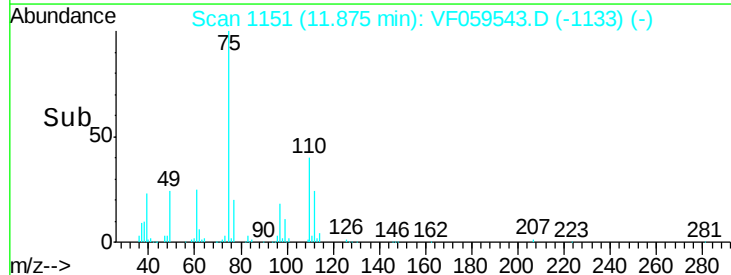
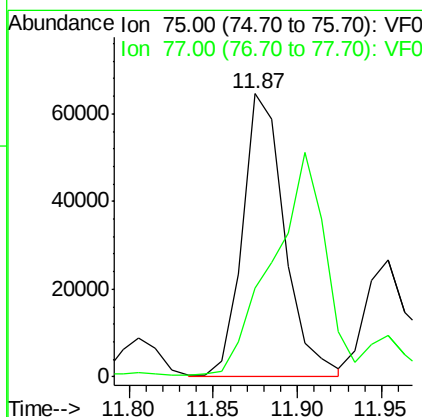
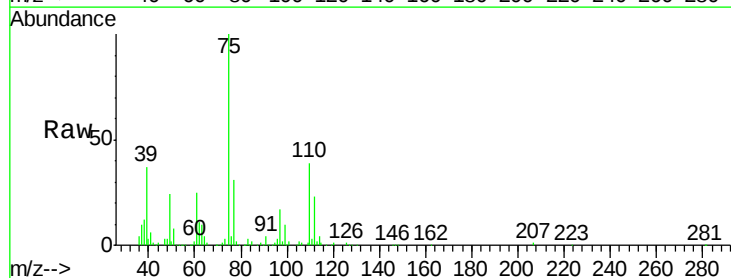
RT: 11.87 min Scan# 1151

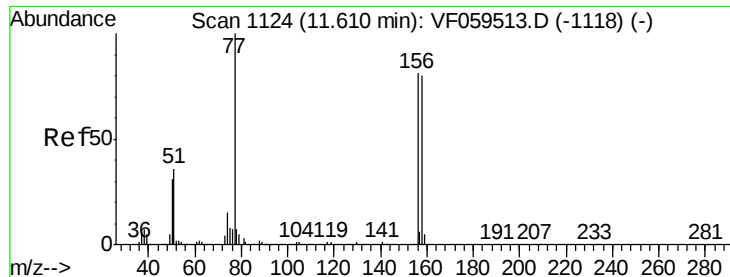
Delta R.T. -0.02 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Tgt Ion:	75	Resp:	111518
Ion Ratio	Lower	Upper	
75	100		
77	31.3	18.7	56.1





#77

Bromobenzene

Concen: 47.37 ug/l

RT: 11.59 min Scan# 1122

Delta R.T. -0.02 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Instrument :

MSVOA_F

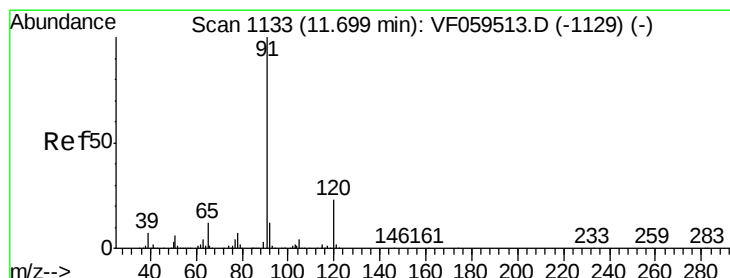
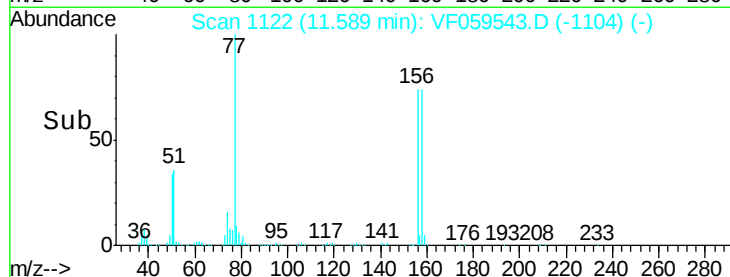
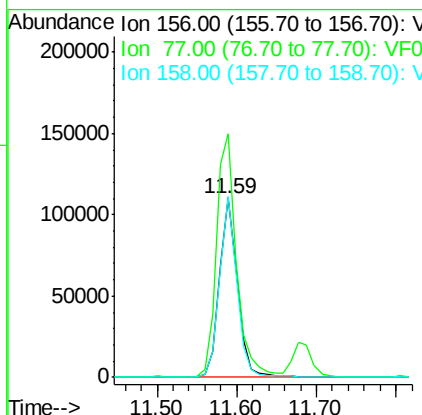
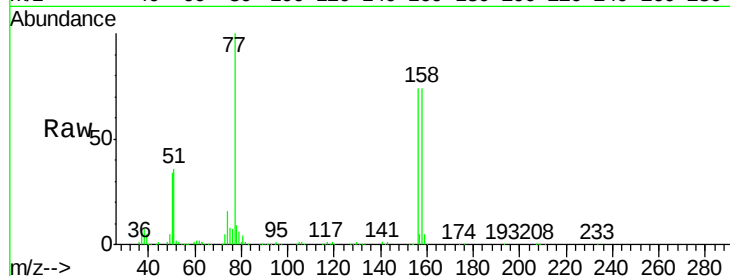
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	135.9	62.0	186.0	
158	101.1	49.8	149.3	

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#78

n-propylbenzene

Concen: 50.24 ug/l

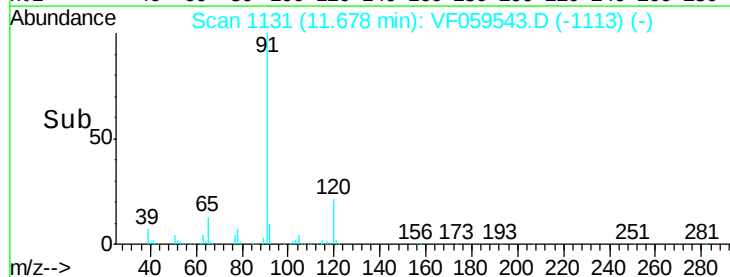
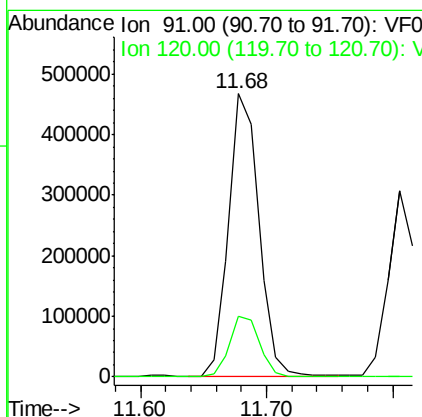
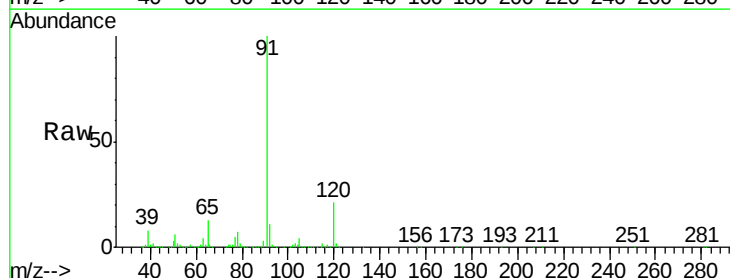
RT: 11.68 min Scan# 1131

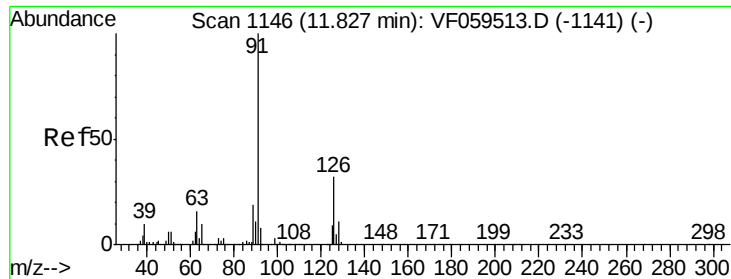
Delta R.T. -0.02 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	21.3	11.3	33.9	





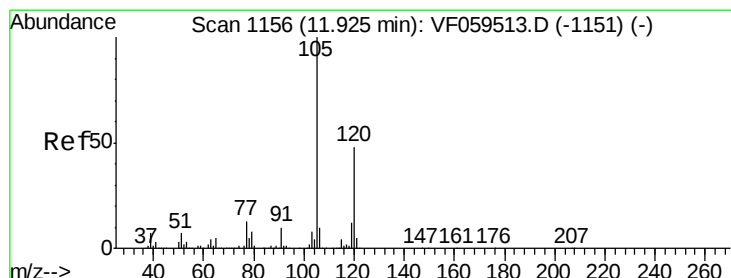
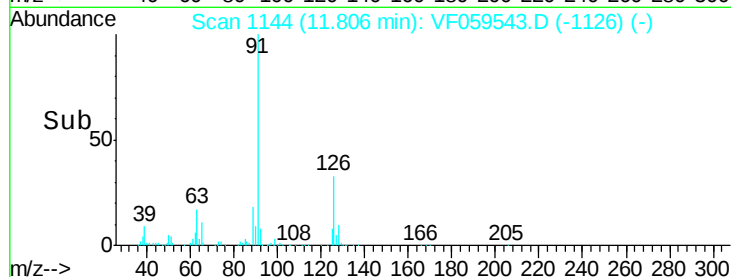
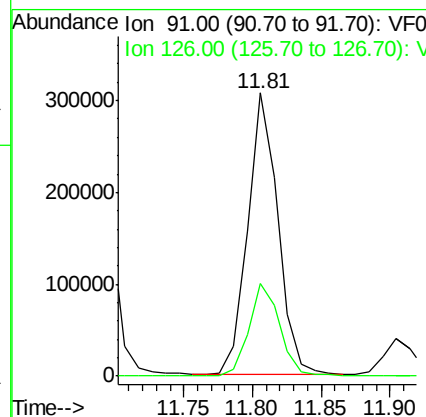
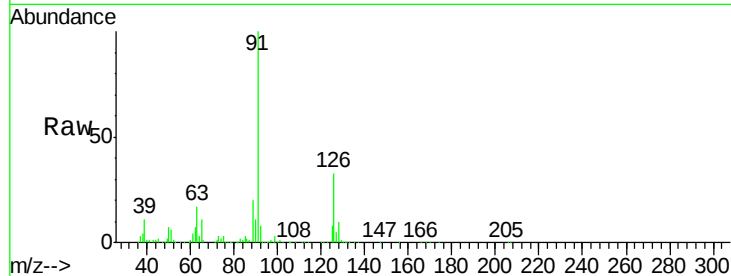
#79
 2-Chlorotoluene
 Concen: 49.03 ug/l
 RT: 11.81 min Scan# 1144
 Delta R.T. -0.02 min
 Lab File: VF059543.D
 Acq: 19 Jul 2018 6:24

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 467265
 Ion Ratio Lower Upper
 91 100
 126 32.7 15.7 47.1

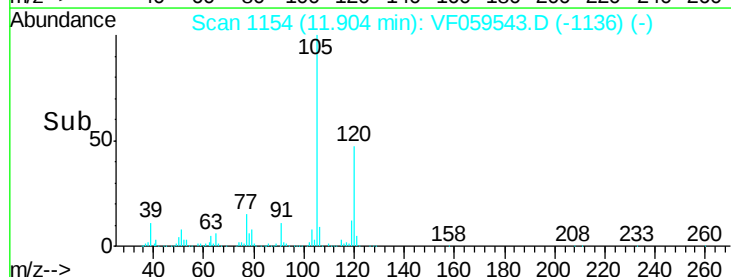
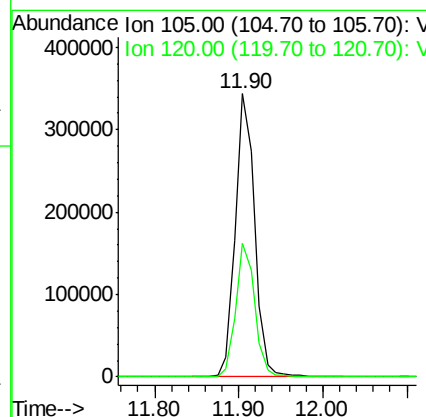
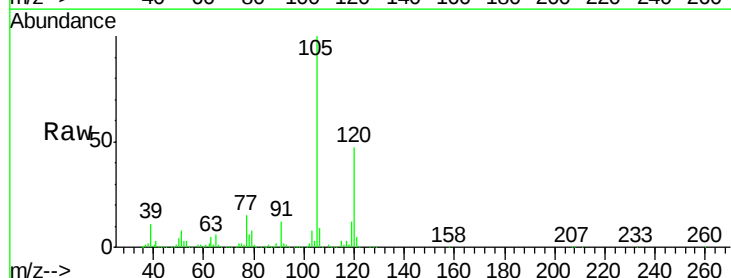
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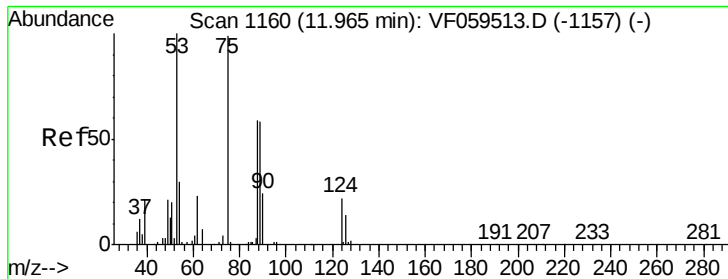
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 48.50 ug/l
 RT: 11.90 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: VF059543.D
 Acq: 19 Jul 2018 6:24

Tgt Ion: 105 Resp: 548215
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 43.26 ug/l m

RT: 11.95 min Scan# 1159

Delta R.T. -0.01 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Instrument :

MSVOA_F

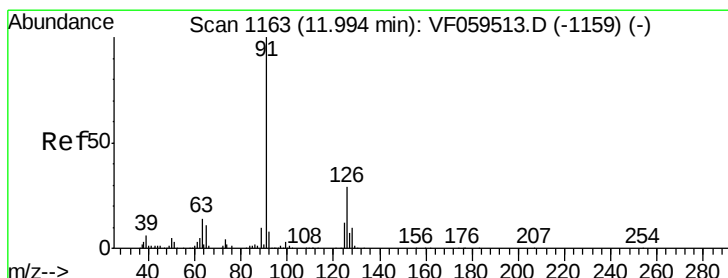
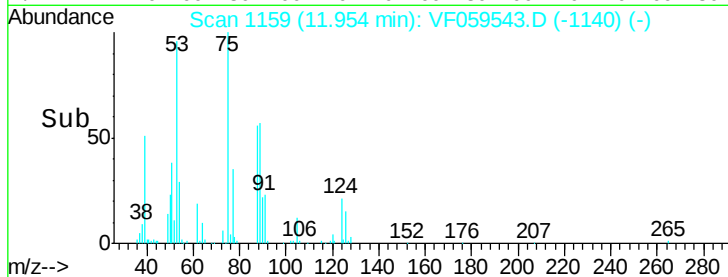
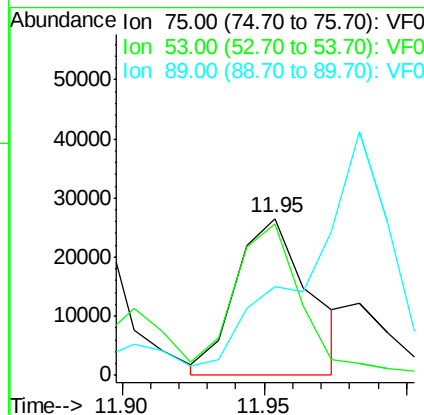
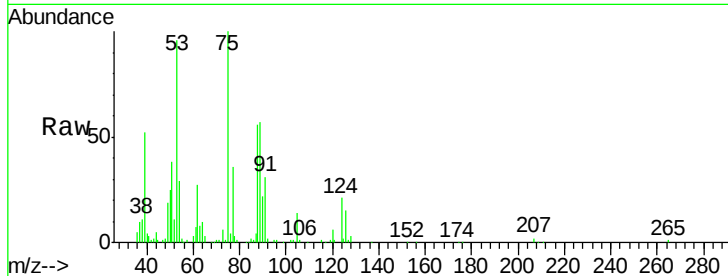
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	47475
Ion Ratio	Lower	Upper	
75	100		
53	96.1	84.6	127.0
89	56.8	48.2	72.4

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#82

4-Chlorotoluene

Concen: 49.20 ug/l

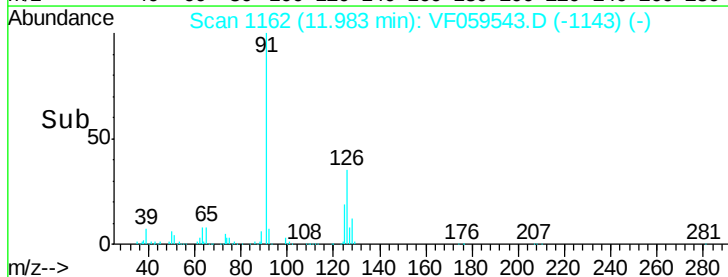
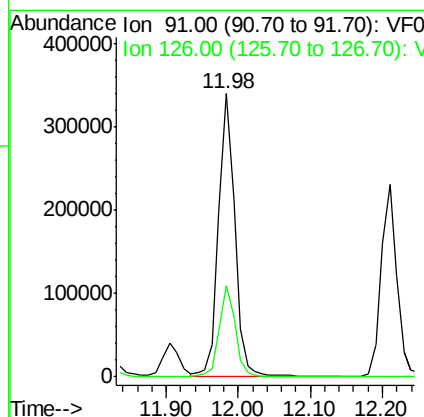
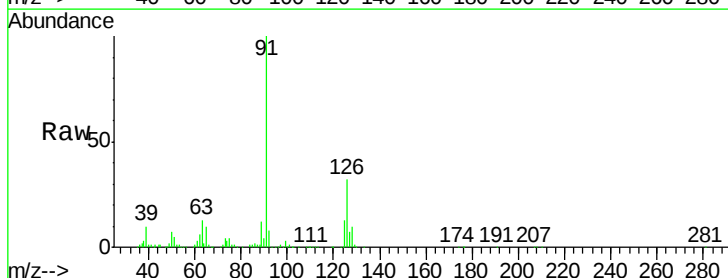
RT: 11.98 min Scan# 1162

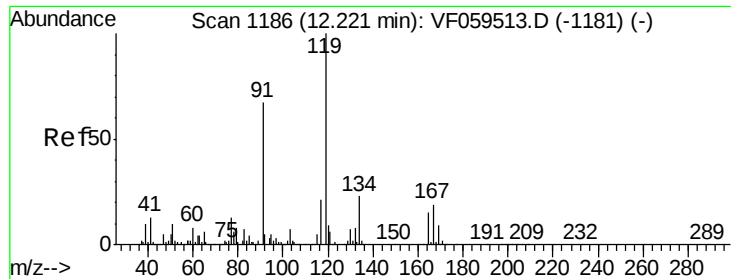
Delta R.T. -0.01 min

Lab File: VF059543.D

Acq: 19 Jul 2018 6:24

Tgt Ion:	91	Resp:	525407
Ion Ratio	Lower	Upper	
91	100		
126	32.1	14.4	43.4





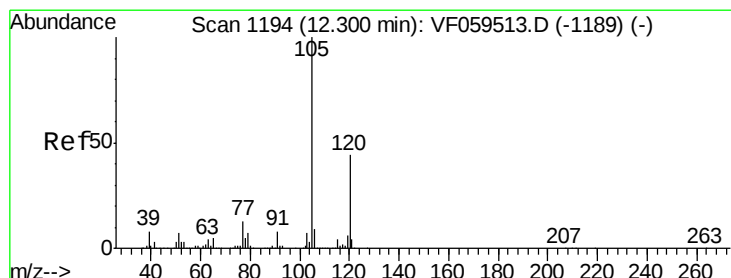
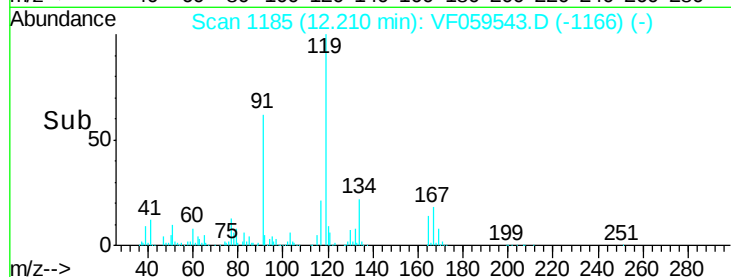
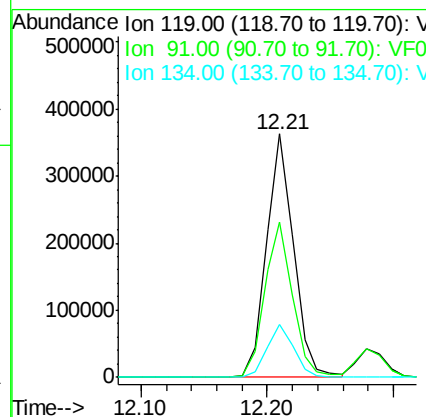
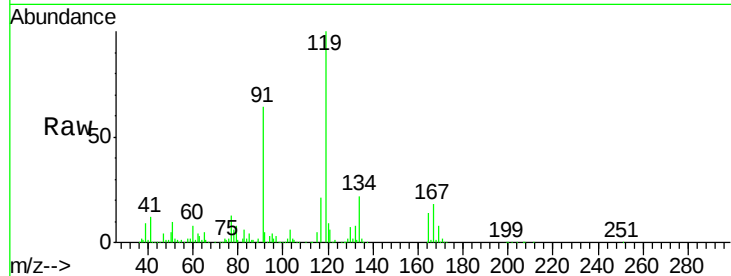
#83
 tert-Butylbenzene
 Concen: 50.23 ug/l
 RT: 12.21 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: VF059543.D
 Acq: 19 Jul 2018 6:24

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.6	33.5	100.5
134	21.8	11.3	33.8

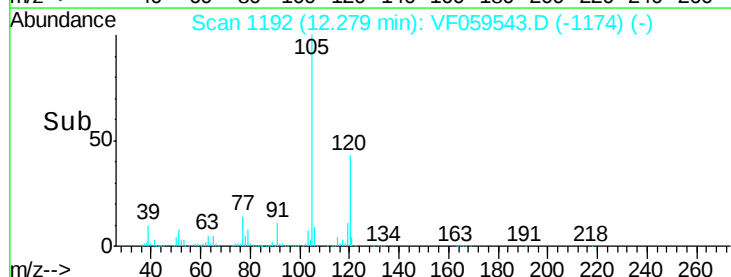
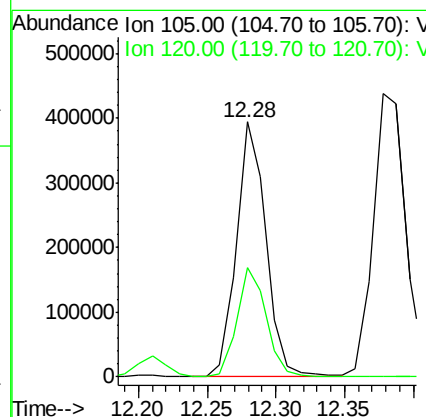
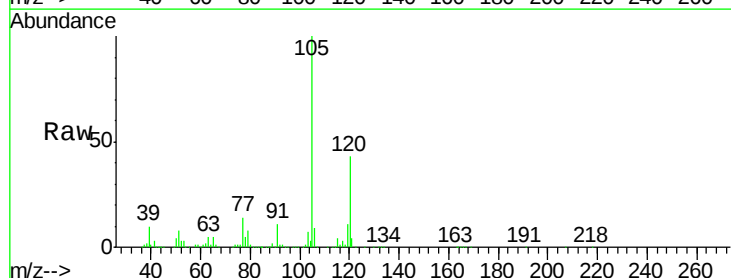
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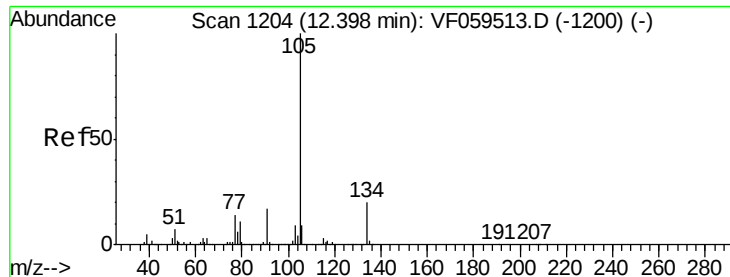
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.34 ug/l
 RT: 12.28 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: VF059543.D
 Acq: 19 Jul 2018 6:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.8	22.5	67.5





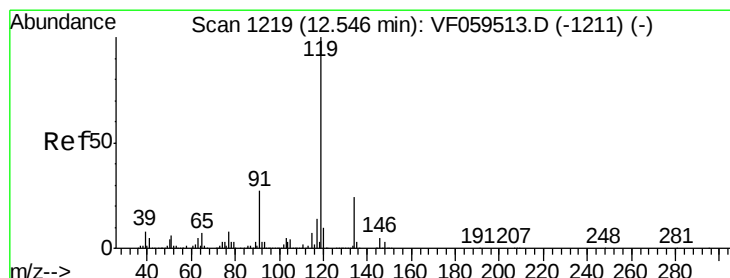
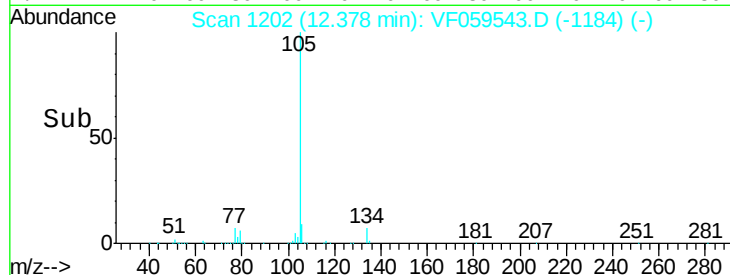
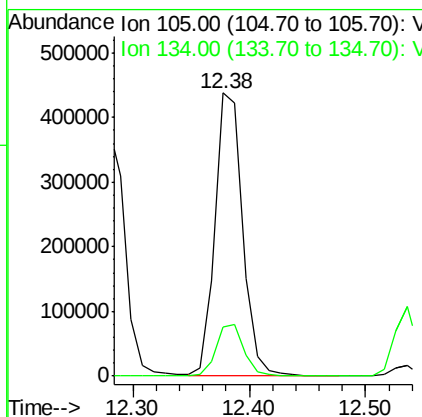
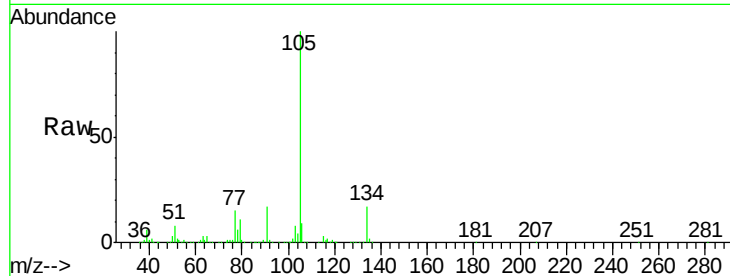
#85
 sec-Butylbenzene
 Concen: 52.11 ug/l
 RT: 12.38 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: VF059543.D
 Acq: 19 Jul 2018 6:24

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	17.5	10.1	30.1

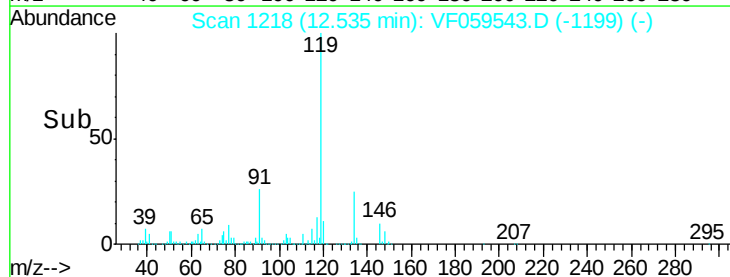
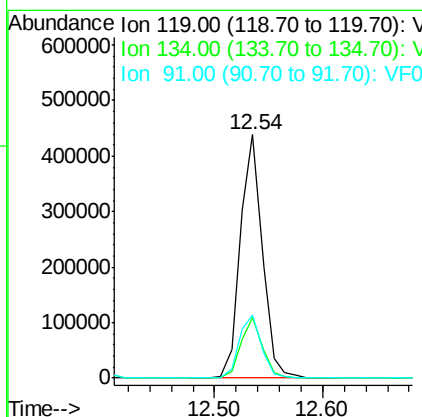
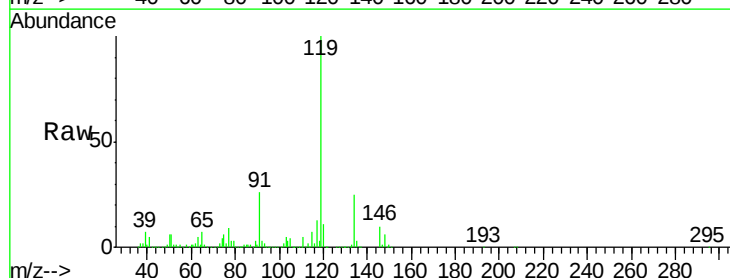
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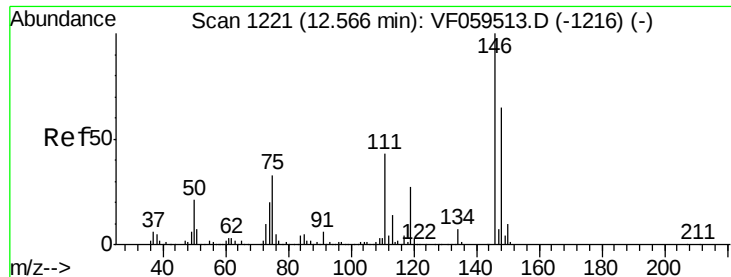
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#86
 p-Isopropyltoluene
 Concen: 51.64 ug/l
 RT: 12.54 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: VF059543.D
 Acq: 19 Jul 2018 6:24

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.7	12.0	36.0
91	26.0	13.5	40.4





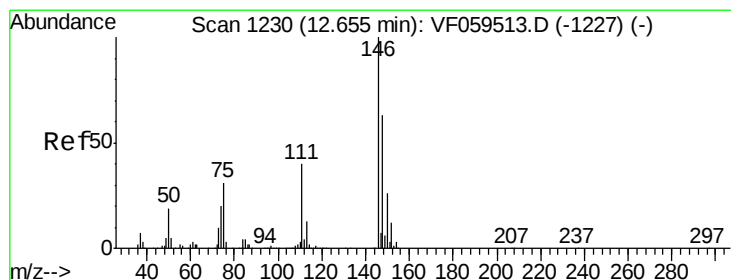
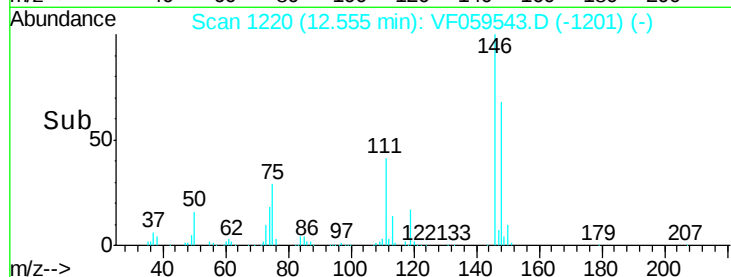
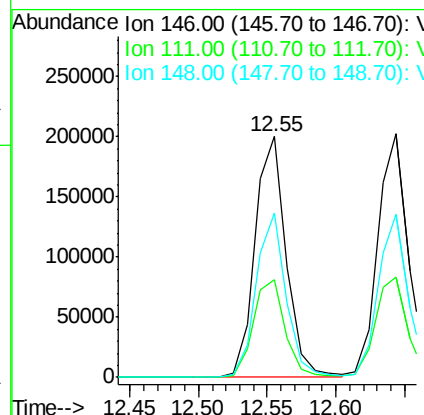
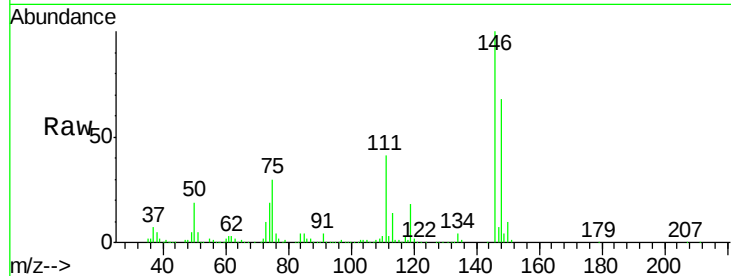
#87
 1,3-Dichlorobenzene
 Concen: 48.80 ug/l
 RT: 12.55 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: VF059543.D
 Acq: 19 Jul 2018 6:24

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.4	64.3
148	68.0	32.7	98.1

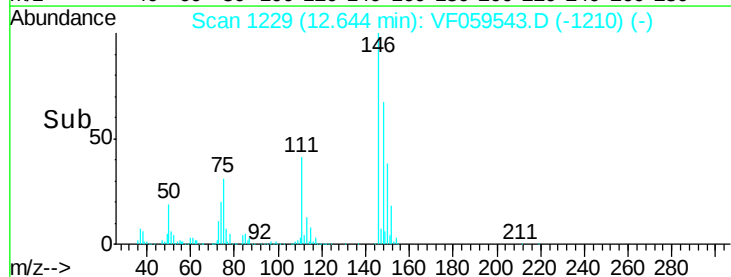
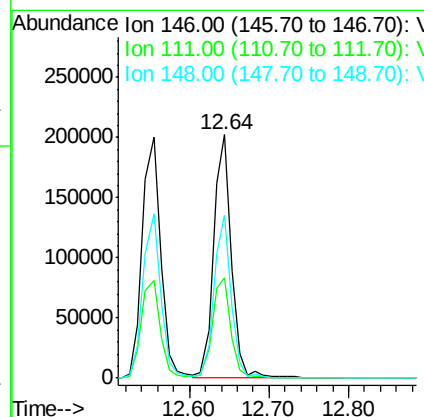
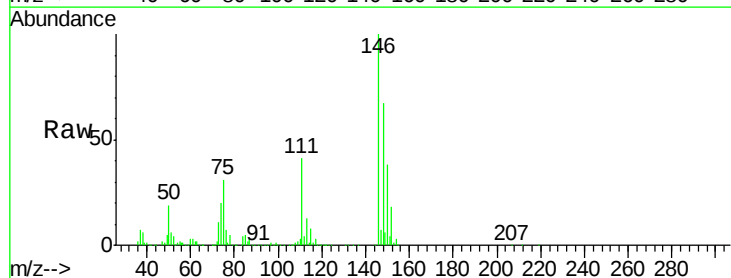
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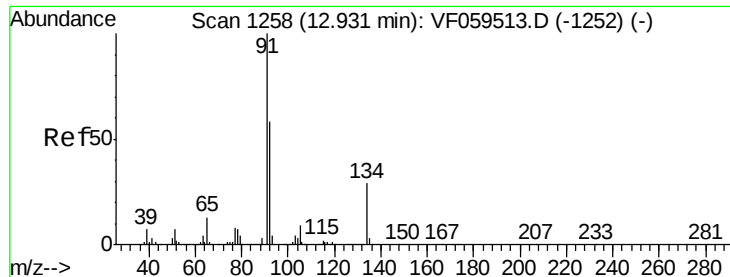
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#88
 1,4-Dichlorobenzene
 Concen: 49.47 ug/l
 RT: 12.64 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VF059543.D
 Acq: 19 Jul 2018 6:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.0	59.9
148	66.7	31.5	94.5





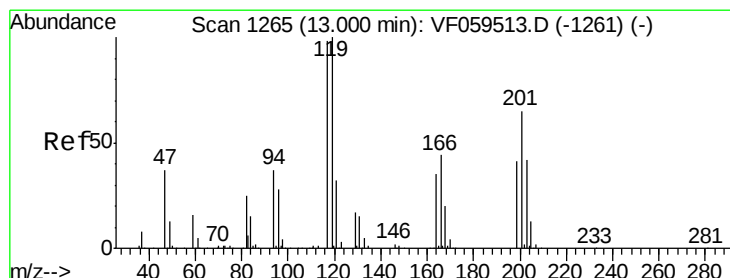
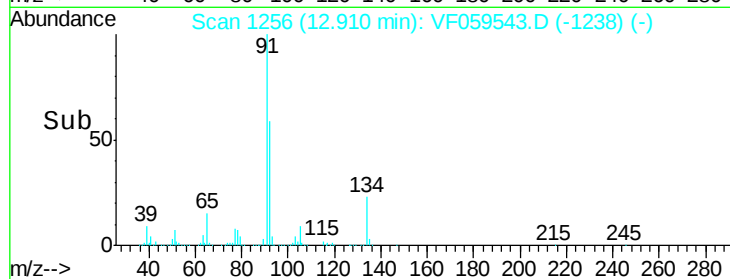
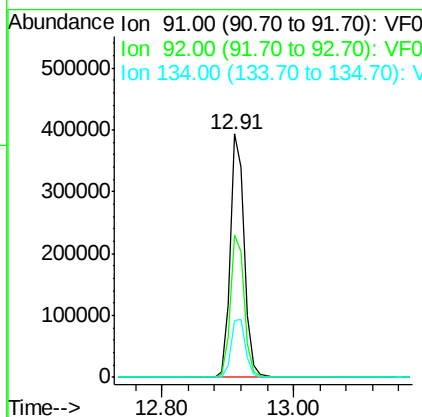
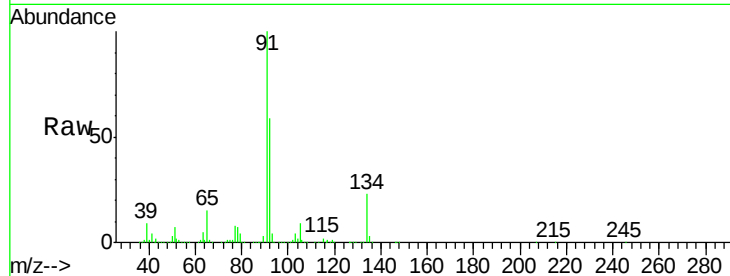
#89
n-Butylbenzene
Concen: 51.98 ug/l
RT: 12.91 min Scan# 1256
Delta R.T. -0.02 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	58.8	29.1	87.3
134	23.3	14.3	42.9

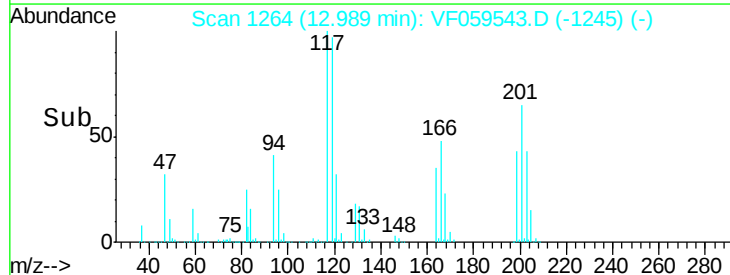
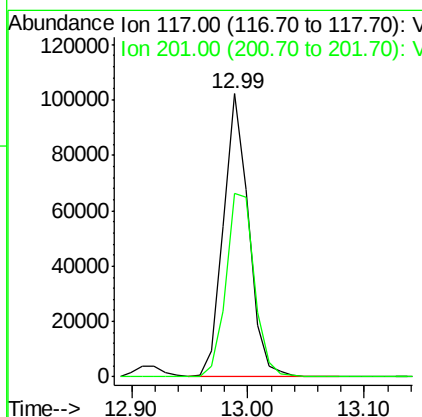
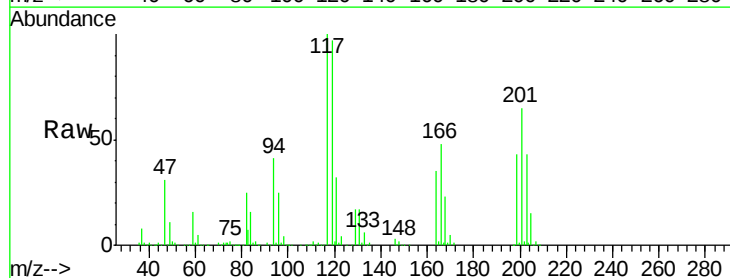
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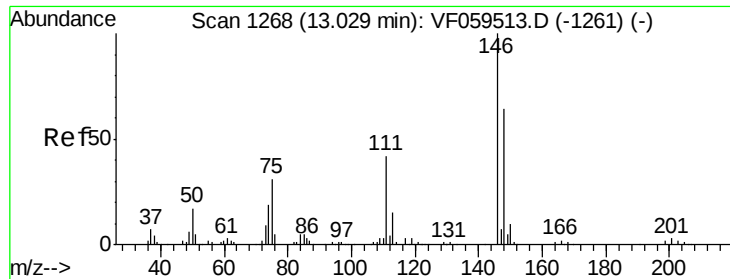
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#90
Hexachloroethane
Concen: 56.45 ug/l
RT: 12.99 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.6	32.6	98.0





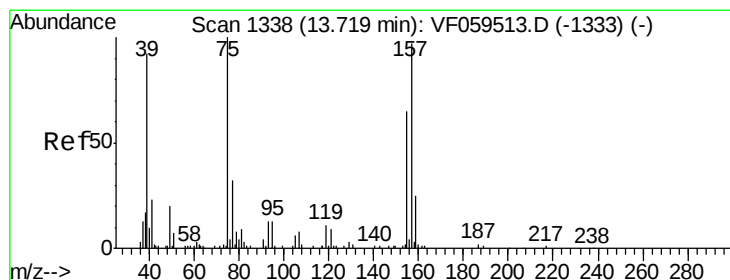
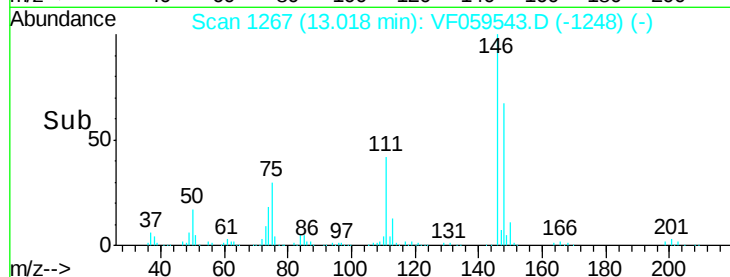
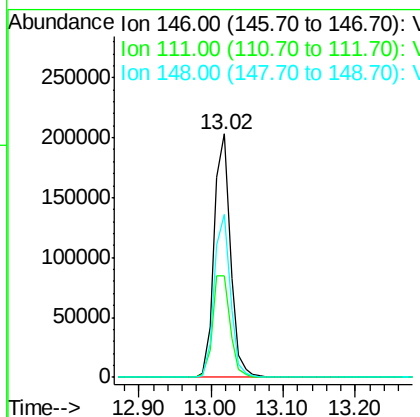
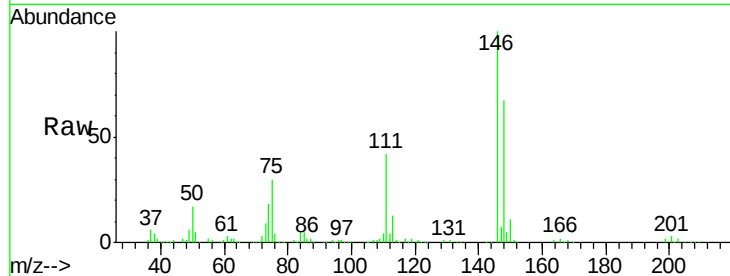
#91
 1,2-Dichlorobenzene
 Concen: 50.48 ug/l
 RT: 13.02 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: VF059543.D
 Acq: 19 Jul 2018 6:24

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.1	63.1
148	67.2	32.3	96.8

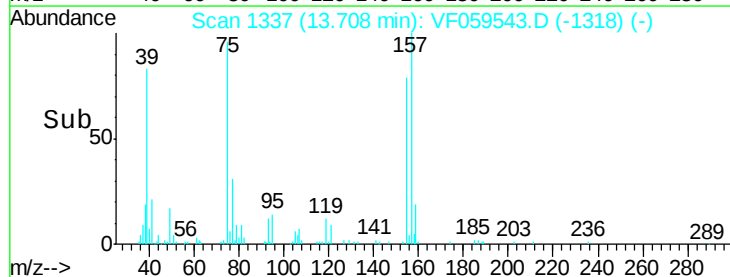
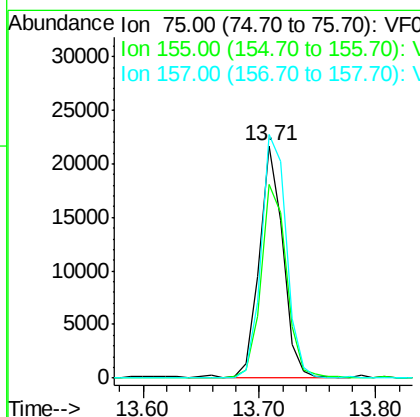
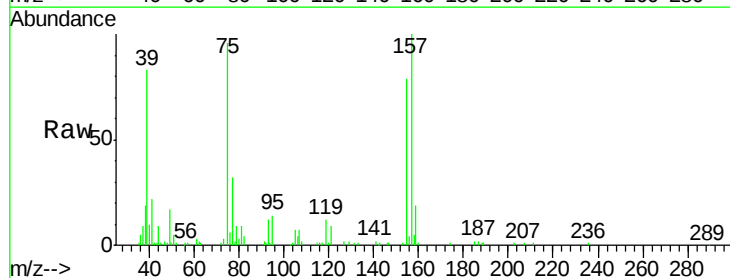
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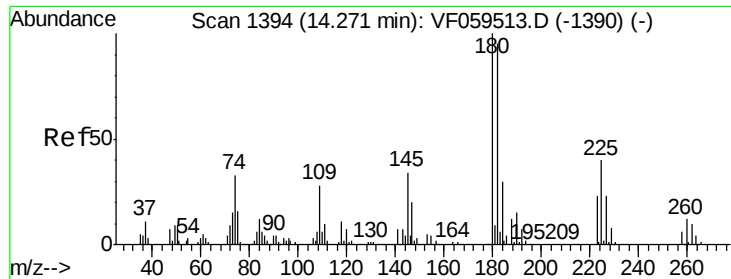
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.29 ug/l
 RT: 13.71 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: VF059543.D
 Acq: 19 Jul 2018 6:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.1	32.8	98.3
157	104.6	48.5	145.5





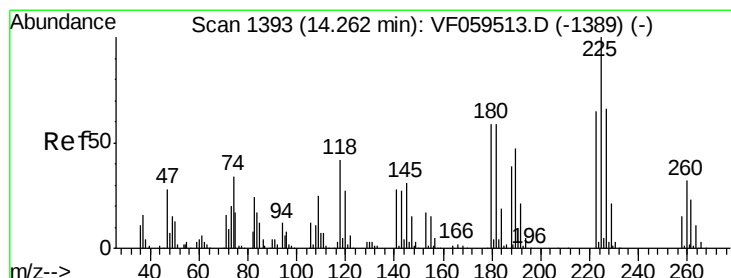
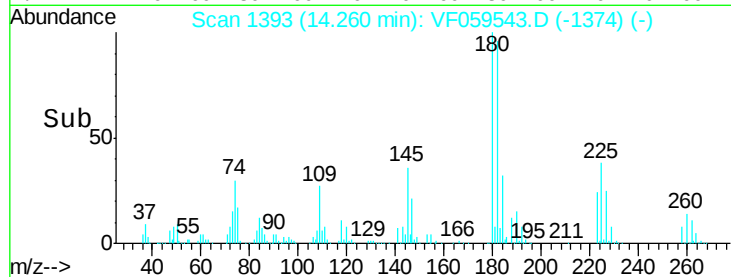
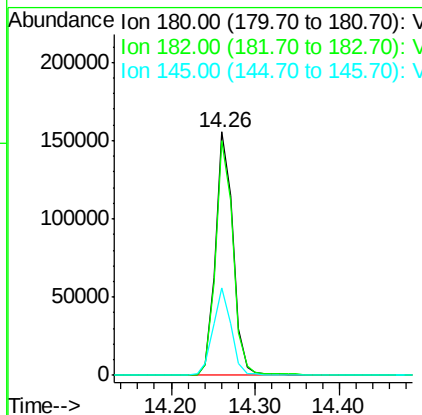
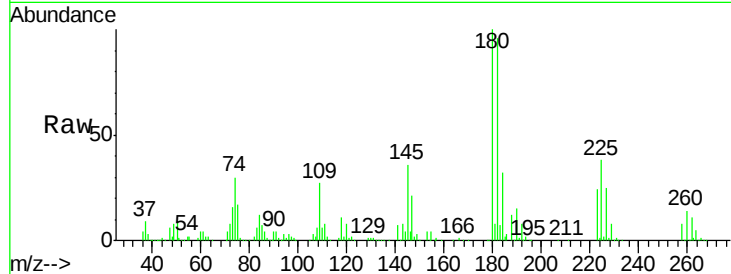
#93
 1,2,4-Trichlorobenzene
 Concen: 60.01 ug/l
 RT: 14.26 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: VF059543.D
 Acq: 19 Jul 2018 6:24

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	226193		
182	96.2	47.5	142.5	
145	35.7	17.3	51.7	

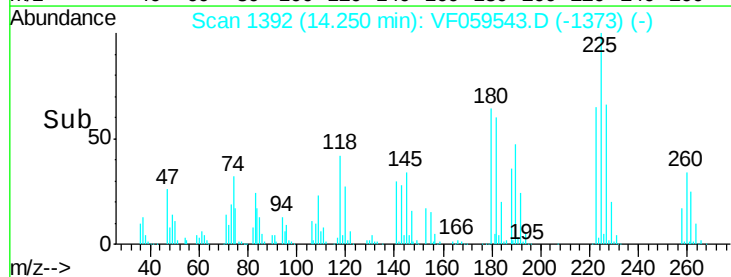
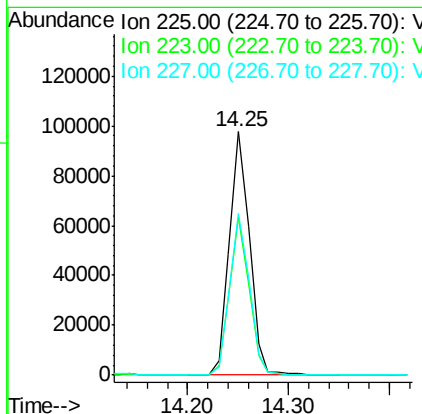
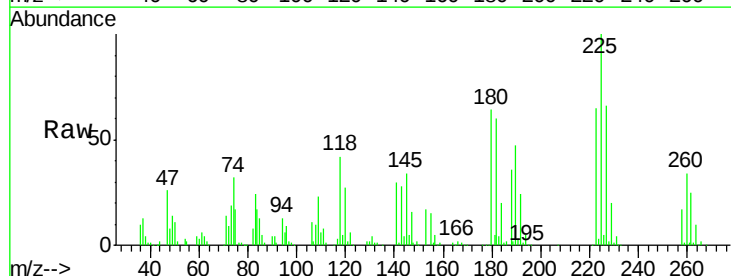
Manual Integrations
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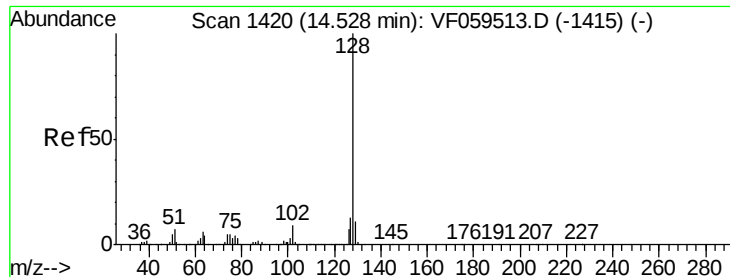
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#94
 Hexachlorobutadiene
 Concen: 69.92 ug/l
 RT: 14.25 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: VF059543.D
 Acq: 19 Jul 2018 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	135010		
223	64.7	32.3	96.8	
227	66.2	33.2	99.6	





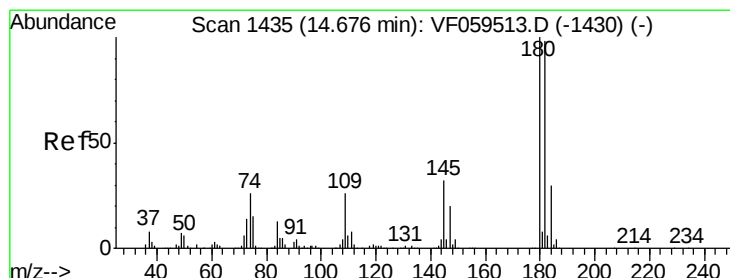
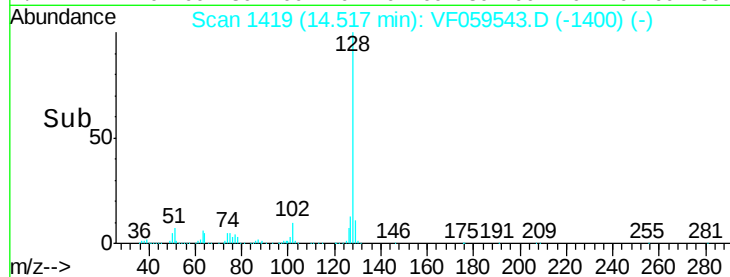
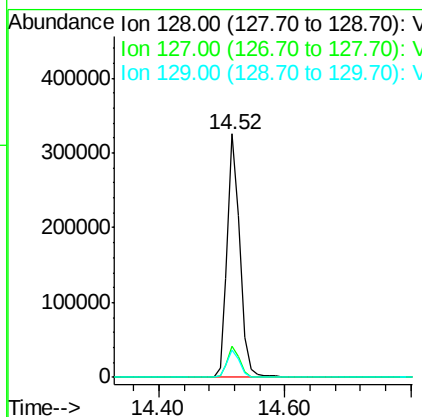
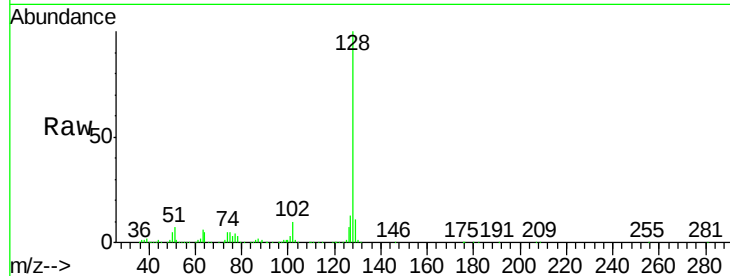
#95
Naphthalene
Concen: 58.16 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. -0.01 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	11.2	9.0	13.4

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 65.42 ug/l
RT: 14.66 min Scan# 1434
Delta R.T. -0.01 min
Lab File: VF059543.D
Acq: 19 Jul 2018 6:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.8	146.4
145	31.3	16.2	48.6

