

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062918\
 Data File : VF059376.D
 Acq On : 29 Jun 2018 14:13
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 7/2/2018 1:11:46 PM

Quant Time: Jun 29 23:51:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	294980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	446171	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	445802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	265035	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	162699	42.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.38%	
35) Dibromofluoromethane	4.27	113	149428	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
50) Toluene-d8	7.70	98	370470	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
62) 4-Bromofluorobenzene	11.50	95	204257	44.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.98	85	110514	41.01	ug/l	98
3) Chloromethane	1.08	50	81083	44.78	ug/l	97
4) Vinyl Chloride	1.14	62	85264	47.84	ug/l	96
5) Bromomethane	1.33	94	60885	61.44	ug/l	99
6) Chloroethane	1.43	64	45815	51.04	ug/l #	85
7) Trichlorofluoromethane	1.49	101	167532m	47.54	ug/l	
8) Diethyl Ether	1.69	74	42426	46.95	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	1.89	101	98156	47.71	ug/l	98
10) Methyl Iodide	1.95	142	176032	46.93	ug/l	97
11) Tert butyl alcohol	2.67	59	58139	229.15	ug/l	98
12) 1,1-Dichloroethene	1.85	96	85921	49.41	ug/l	86
13) Acrolein	2.08	56	47073	400.76	ug/l	100
14) Allyl chloride	2.18	41	166512	51.01	ug/l	91
15) Acrylonitrile	3.06	53	119739	268.00	ug/l	91
16) Acetone	2.32	43	275061	290.65	ug/l	99
17) Carbon Disulfide	1.86	76	185954	45.46	ug/l	98
18) Methyl Acetate	2.44	43	94459	55.03	ug/l	100
19) Methyl tert-butyl Ether	2.53	73	319563	49.26	ug/l	97
20) Methylene Chloride	2.26	84	96627m	44.38	ug/l	
21) trans-1,2-Dichloroethene	2.40	96	90532	48.80	ug/l	96
22) Diisopropyl ether	2.91	45	370784	51.29	ug/l	94
23) Vinyl Acetate	3.32	43	1156224	251.14	ug/l	99
24) 1,1-Dichloroethane	2.98	63	214088	47.76	ug/l	99
25) 2-Butanone	4.49	43	326202	283.31	ug/l	97
26) 2,2-Dichloropropane	3.75	77	148751	48.12	ug/l	99
27) cis-1,2-Dichloroethene	3.61	96	138594	49.21	ug/l	85
28) Bromochloromethane	3.87	49	84216	48.83	ug/l	91
29) Tetrahydrofuran	4.24	42	142880	293.01	ug/l	99
30) Chloroform	4.02	83	302440	46.61	ug/l	95
31) Cyclohexane	3.85	56	139595	47.54	ug/l	98
32) 1,1,1-Trichloroethane	4.26	97	220488	46.43	ug/l	95
36) 1,1-Dichloropropene	4.44	75	180702	46.36	ug/l	98
37) Ethyl Acetate	4.27	43	146067	58.85	ug/l	97
38) Carbon Tetrachloride	4.16	117	218599m	44.44	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.62	83	160113	46.36	ug/l	97
40) Benzene	4.80	78	423660	49.02	ug/l	99
41) Methacrylonitrile	4.91	41	66711	50.18	ug/l	95
42) 1,2-Dichloroethane	5.10	62	239949	47.52	ug/l	99
43) Isopropyl Acetate	7.09	43	175541	54.07	ug/l #	95
44) Trichloroethene	5.66	130	136419	46.02	ug/l	98
45) 1,2-Dichloropropane	6.38	63	128162	51.91	ug/l	100
46) Dibromomethane	6.24	93	104696	48.85	ug/l	94
47) Bromodichloromethane	6.53	83	254597	49.08	ug/l	98
48) Methyl methacrylate	6.86	41	120797	55.52	ug/l	93
49) 1,4-Dioxane	6.85	88	12241	1056.79	ug/l	96
51) 4-Methyl-2-Pentanone	8.40	43	633035	263.19	ug/l	99
52) Toluene	7.76	92	303022	46.86	ug/l	98
53) t-1,3-Dichloropropene	8.41	75	231117	48.88	ug/l	95
54) cis-1,3-Dichloropropene	7.44	75	258203	50.27	ug/l	97
55) 1,1,2-Trichloroethane	8.62	97	124972	49.77	ug/l	97
56) Ethyl methacrylate	8.75	69	159275	51.21	ug/l	98
57) 1,3-Dichloropropane	8.99	76	213096	49.49	ug/l	94
58) 2-Chloroethyl Vinyl ether	7.76	63	54855	235.16	ug/l	100
59) 2-Hexanone	9.62	43	534855	299.33	ug/l	99
60) Dibromochloromethane	8.85	129	195918	50.54	ug/l	97
61) 1,2-Dibromoethane	9.12	107	147884	48.57	ug/l	91
64) Tetrachloroethene	8.30	164	135190	46.76	ug/l	99
65) Chlorobenzene	9.93	112	399434	48.35	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.06	131	166648	46.64	ug/l	97
67) Ethyl Benzene	10.03	91	674797	48.15	ug/l	100
68) m/p-Xylenes	10.26	106	480290	96.29	ug/l	96
69) o-Xylene	10.82	106	262931	47.13	ug/l	100
70) Styrene	10.89	104	404124	47.55	ug/l	97
71) Bromoform	10.88	173	126472	51.65	ug/l #	98
73) Isopropylbenzene	11.21	105	777158	50.33	ug/l	99
74) N-amyl acetate	11.45	43	297401	53.08	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.78	83	195003	50.01	ug/l	99
76) 1,2,3-Trichloropropane	11.87	75	147050	49.99	ug/l	93
77) Bromobenzene	11.59	156	204791	47.81	ug/l	84
78) n-propylbenzene	11.68	91	905326	48.82	ug/l	97
79) 2-Chlorotoluene	11.81	91	533311	47.07	ug/l	98
80) 1,3,5-Trimethylbenzene	11.90	105	652311	48.23	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.95	75	92354	52.75	ug/l	94
82) 4-Chlorotoluene	11.98	91	589631	48.59	ug/l	96
83) tert-Butylbenzene	12.21	119	659696	48.77	ug/l	96
84) 1,2,4-Trimethylbenzene	12.28	105	685256	48.11	ug/l	100
85) sec-Butylbenzene	12.38	105	850973	47.46	ug/l	99
86) p-Isopropyltoluene	12.54	119	750335	49.86	ug/l	95
87) 1,3-Dichlorobenzene	12.55	146	378042	53.80	ug/l	96
88) 1,4-Dichlorobenzene	12.64	146	377007	49.28	ug/l	97
89) n-Butylbenzene	12.91	91	729619	47.76	ug/l	99
90) Hexachloroethane	12.99	117	180945	48.25	ug/l	89
91) 1,2-Dichlorobenzene	13.01	146	369499	47.51	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.71	75	44540	51.53	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	290970	50.60	ug/l	98
94) Hexachlorobutadiene	14.25	225	170227	53.00	ug/l	98
95) Naphthalene	14.52	128	628006	52.20	ug/l	100
96) 1,2,3-Trichlorobenzene	14.66	180	278021	51.04	ug/l	97

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

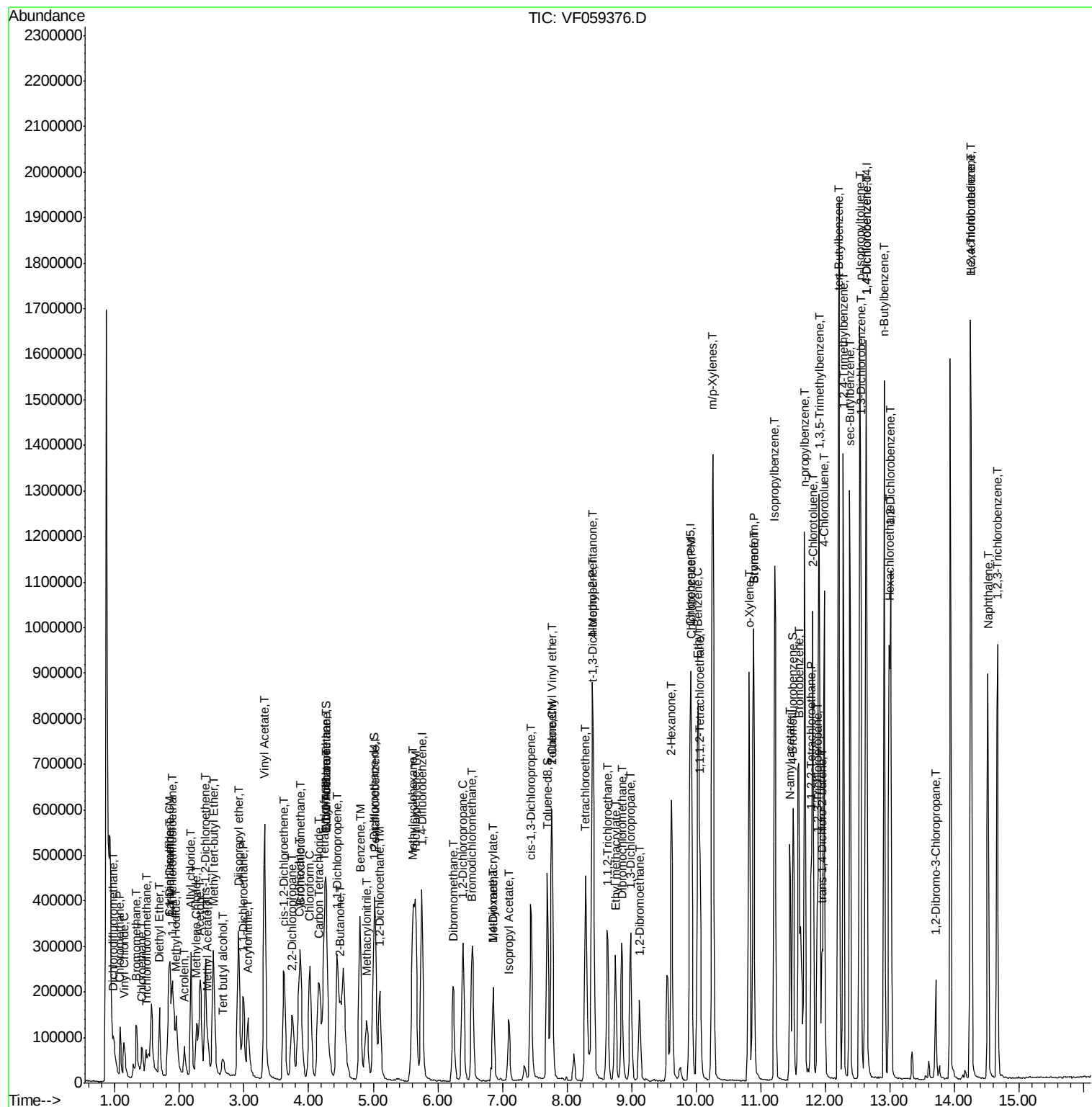
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062918\
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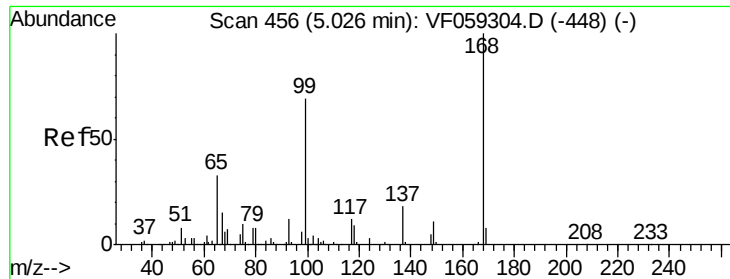
Instrument :
MSVOA_F
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 294980

Ion Ratio Lower Upper

168 100

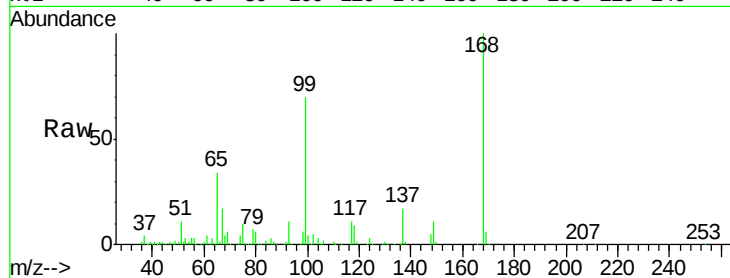
99 69.5 54.9 82.3

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

100000

80000

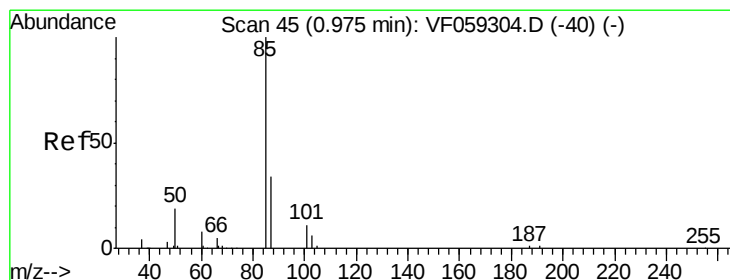
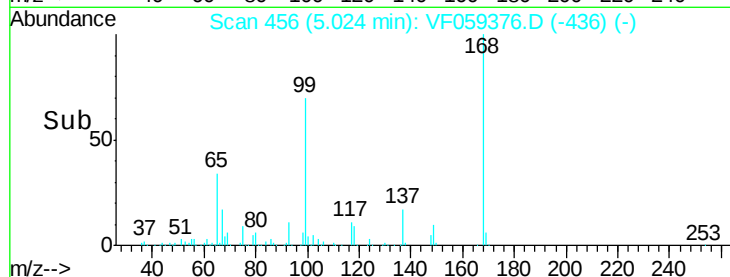
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 41.01 ug/l

RT: 0.98 min Scan# 46

Delta R.T. 0.01 min

Lab File: VF059376.D

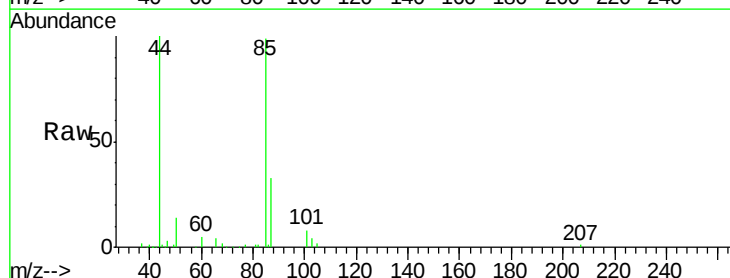
Acq: 29 Jun 2018 14:13

Tgt Ion: 85 Resp: 110514

Ion Ratio Lower Upper

85 100

87 33.1 17.1 51.3



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.98

40000

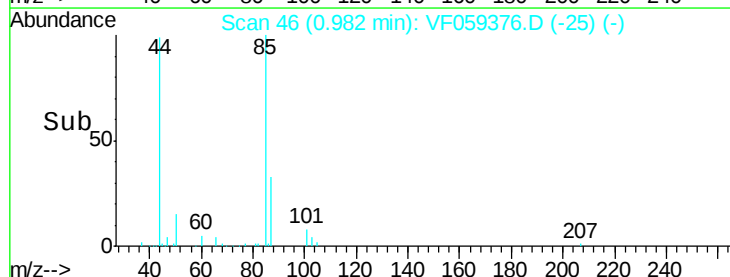
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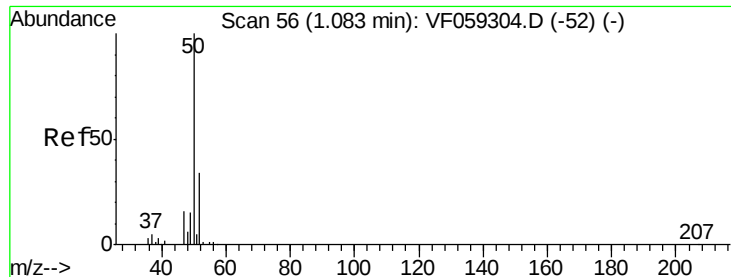
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10000

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Time-->





#3

Chloromethane

Concen: 44.78 ug/l

RT: 1.08 min Scan# 56

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 81083

Ion Ratio Lower Upper

50 100

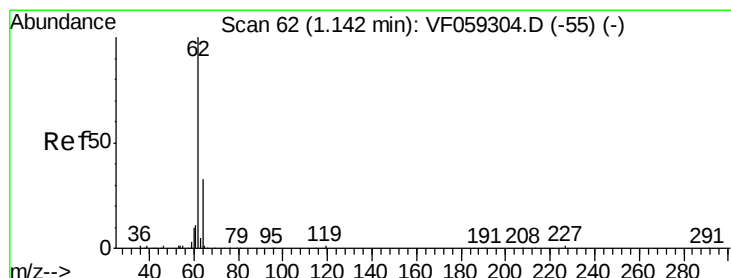
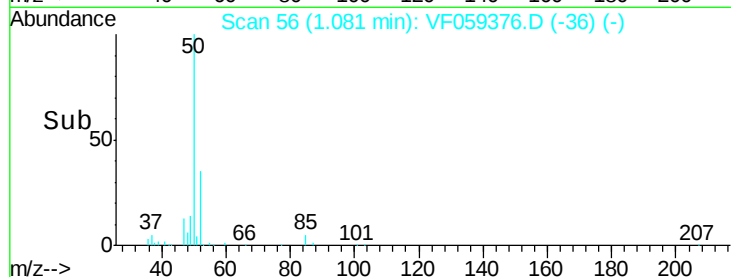
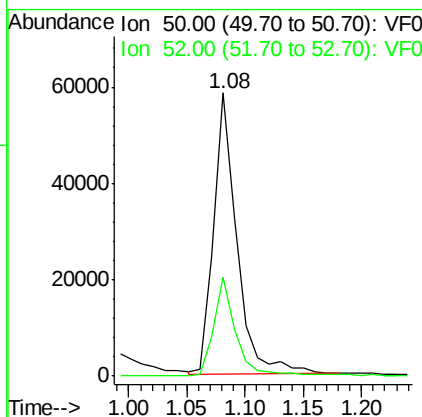
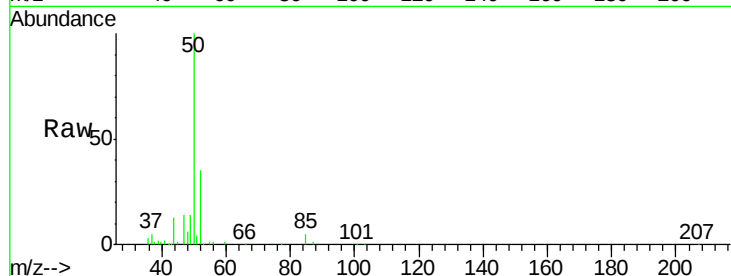
52 35.0 26.7 40.1

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#4

Vinyl Chloride

Concen: 47.84 ug/l

RT: 1.14 min Scan# 62

Delta R.T. -0.00 min

Lab File: VF059376.D

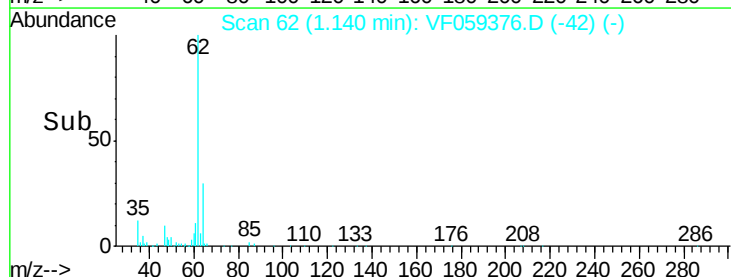
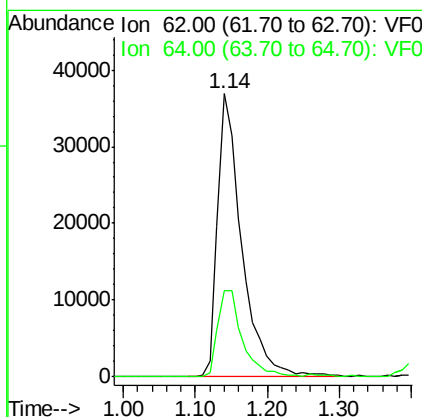
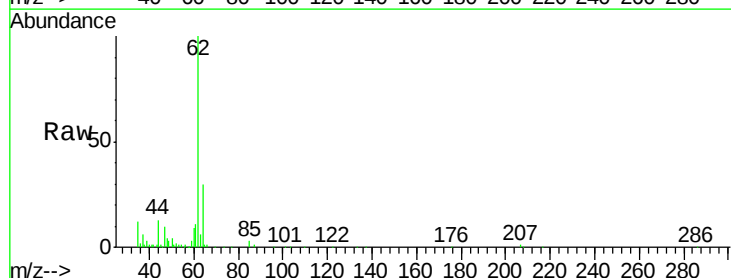
Acq: 29 Jun 2018 14:13

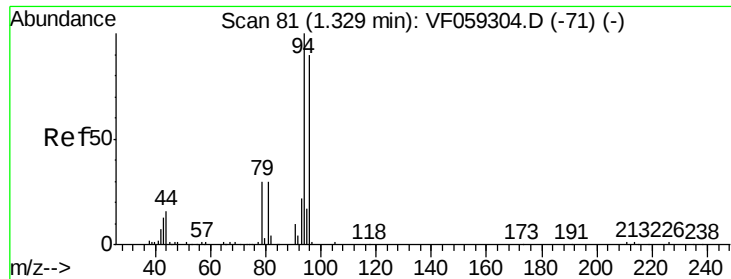
Tgt Ion: 62 Resp: 85264

Ion Ratio Lower Upper

62 100

64 30.4 26.3 39.5





#5

Bromomethane

Concen: 61.44 ug/l

RT: 1.33 min Scan# 81

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 60885

Ion Ratio Lower Upper

94 100

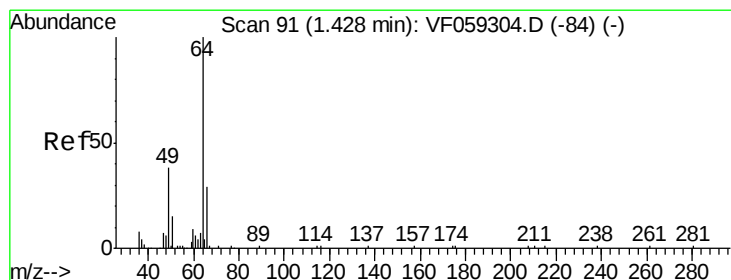
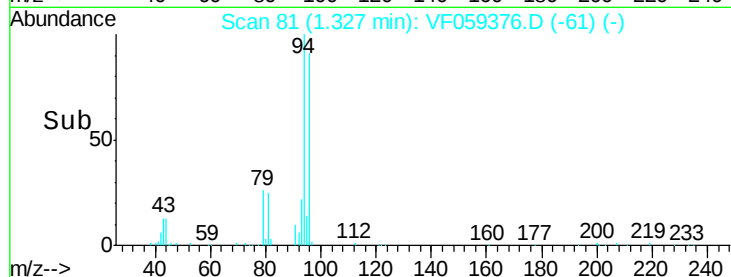
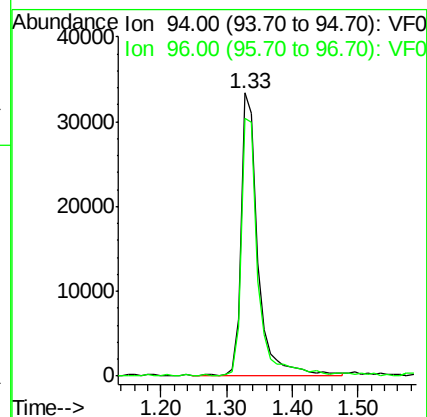
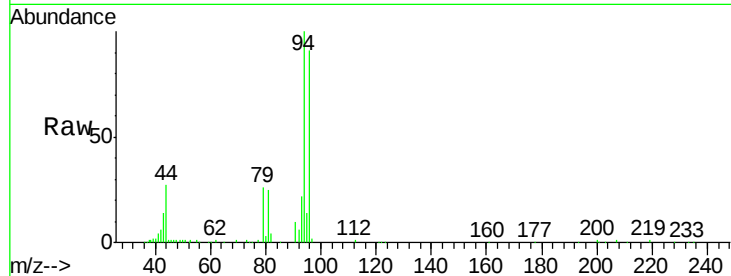
96 91.0 73.4 110.0

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#6

Chloroethane

Concen: 51.04 ug/l

RT: 1.43 min Scan# 91

Delta R.T. -0.00 min

Lab File: VF059376.D

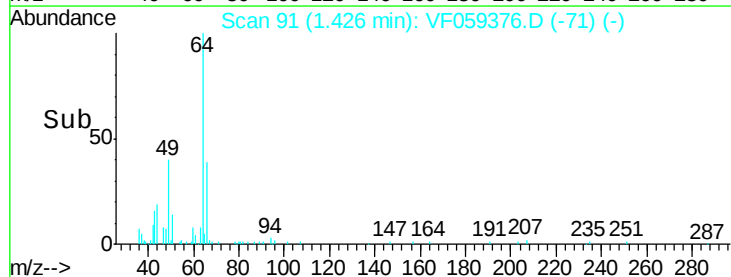
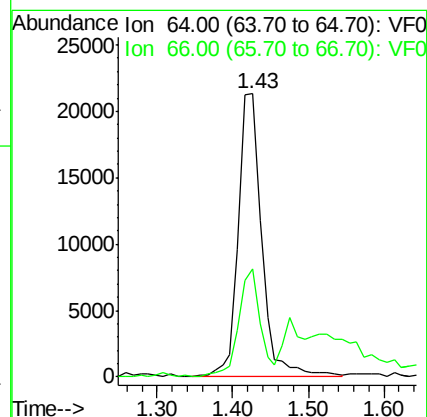
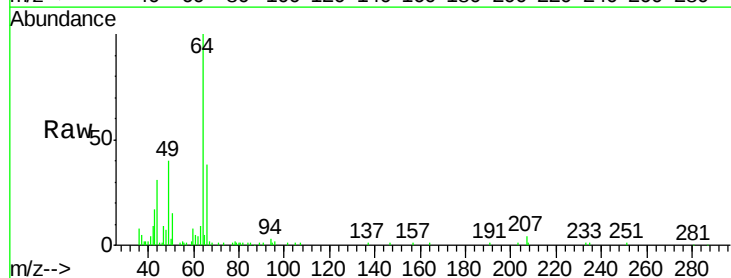
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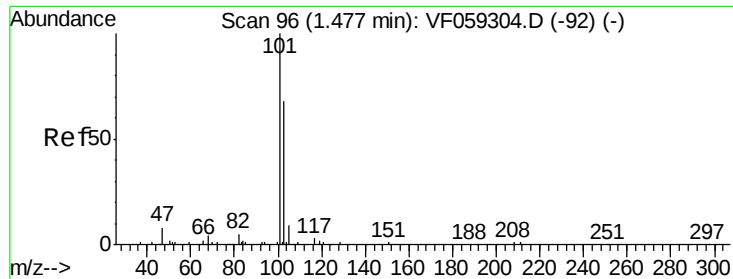
Tgt Ion: 64 Resp: 45815

Ion Ratio Lower Upper

64 100

66 38.0 23.9 35.9#





#7

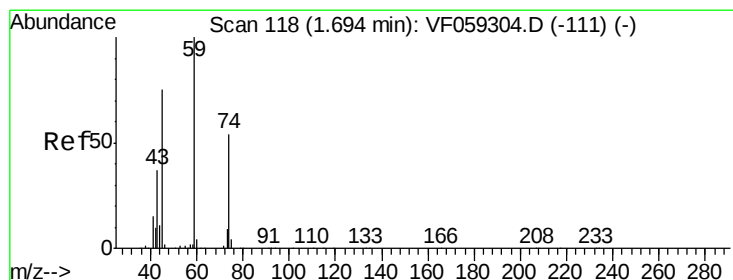
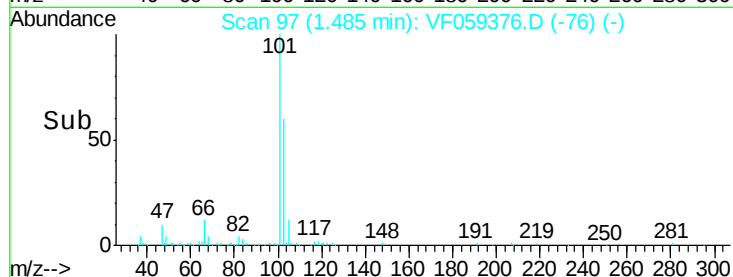
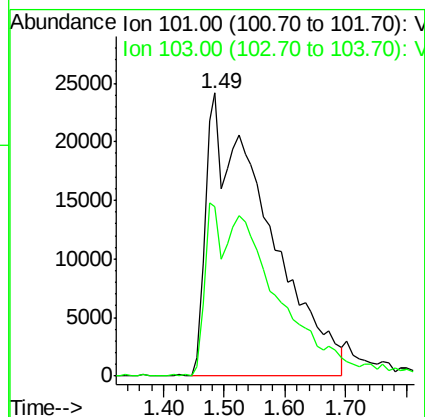
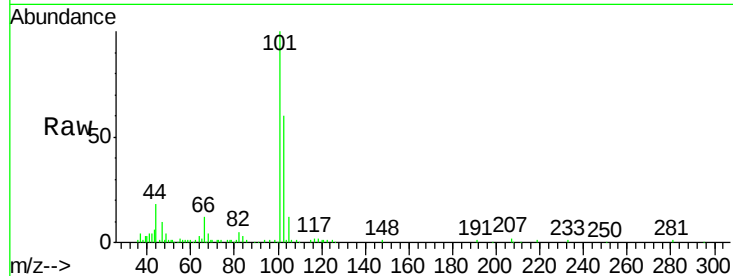
Trichlorofluoromethane
Concen: 47.54 ug/l m
RT: 1.49 min Scan# 97
Delta R.T. 0.01 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

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ClientSampleId :
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Tot Ion:101 Resp: 167532
Ion Ratio Lower Upper
101 100
103 59.6 54.2 81.2

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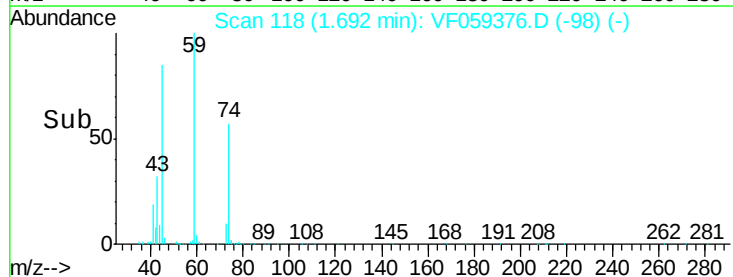
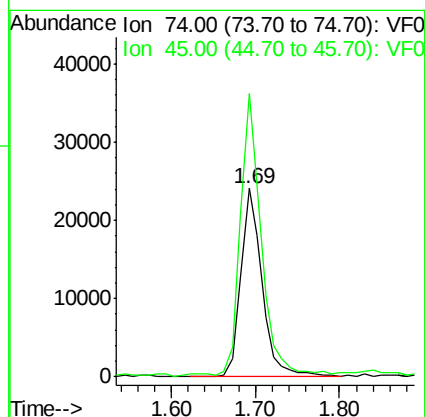
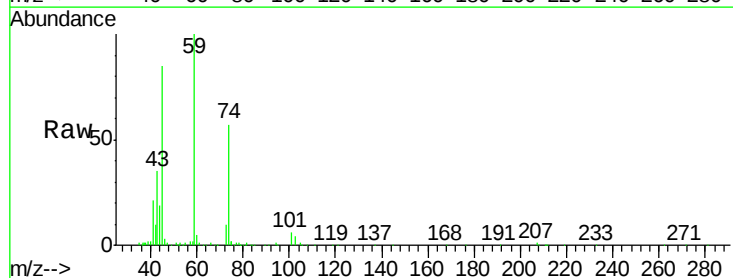
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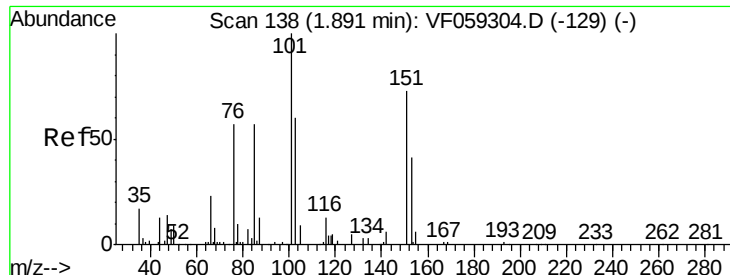


#8

Diethyl Ether
Concen: 46.95 ug/l
RT: 1.69 min Scan# 118
Delta R.T. -0.00 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Tgt Ion: 74 Resp: 42426
Ion Ratio Lower Upper
74 100
45 150.1 70.0 210.0





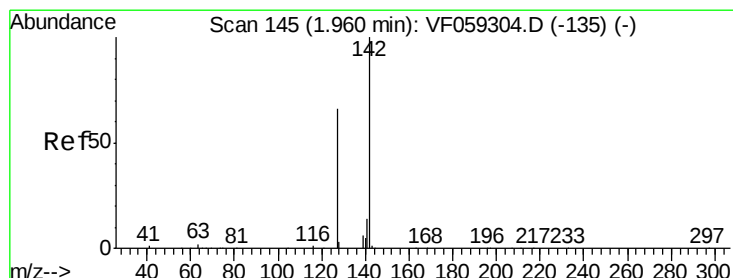
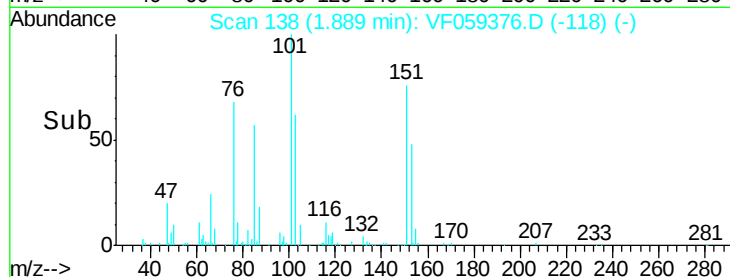
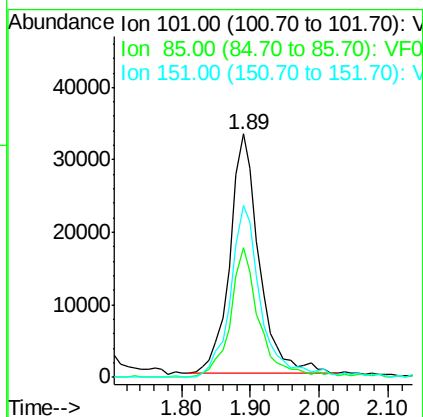
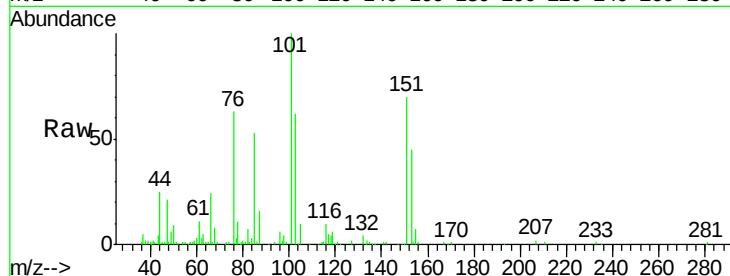
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.71 ug/l
 RT: 1.89 min Scan# 138
 Delta R.T. -0.00 min
 Lab File: VF059376.D
 Acq: 29 Jun 2018 14:13

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	53.4	44.5	66.7
151	70.4	56.8	85.2

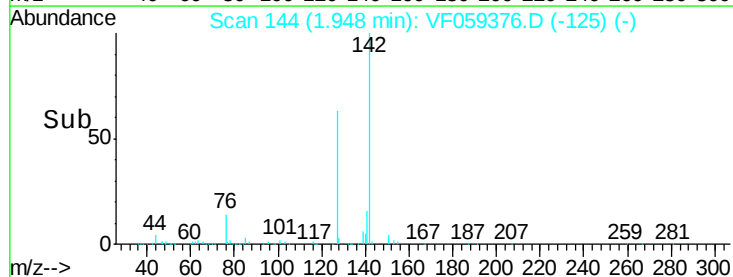
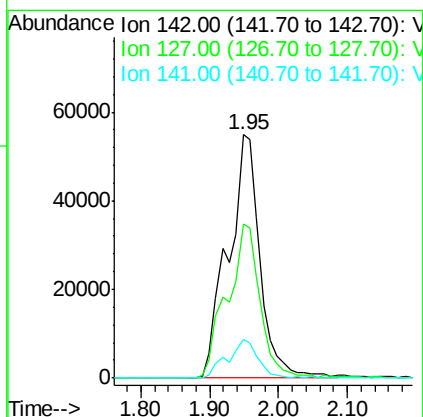
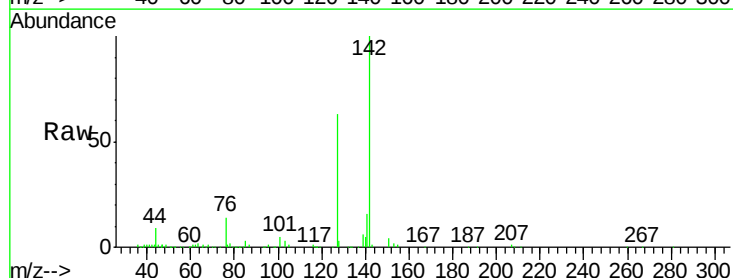
Manual Integrations
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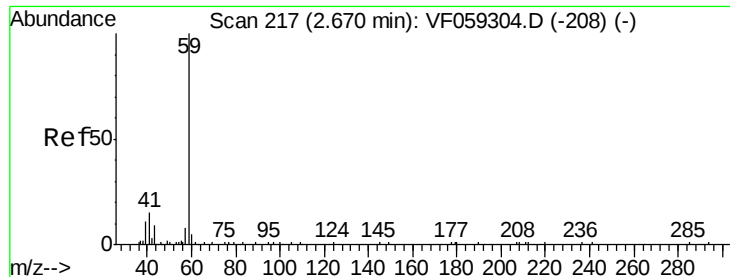
apatel
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#10
 Methyl Iodide
 Concen: 46.93 ug/l
 RT: 1.95 min Scan# 144
 Delta R.T. -0.01 min
 Lab File: VF059376.D
 Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Lower	Upper
142	100		
127	63.1	52.5	78.7
141	15.8	11.5	17.3





#11

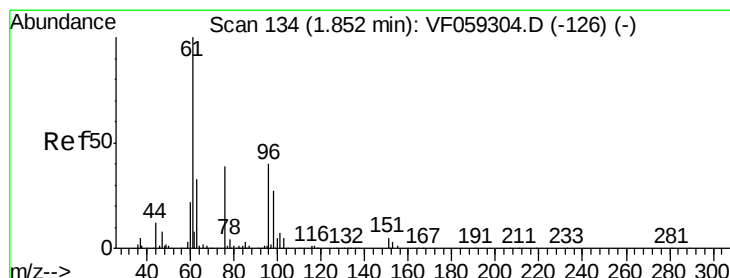
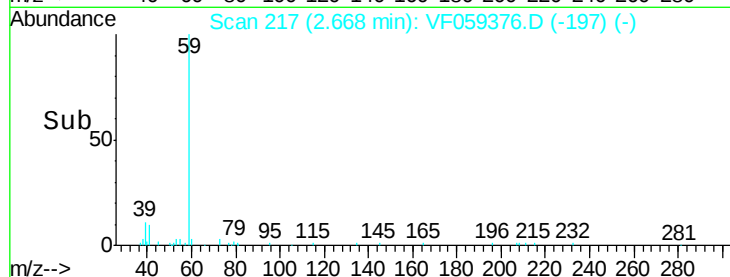
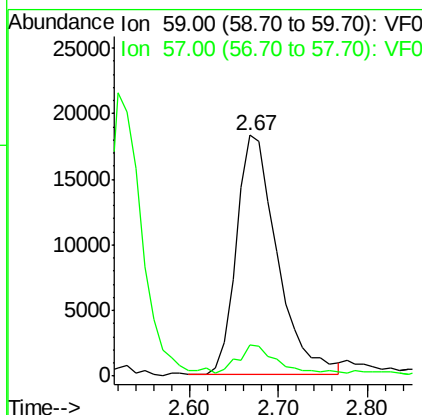
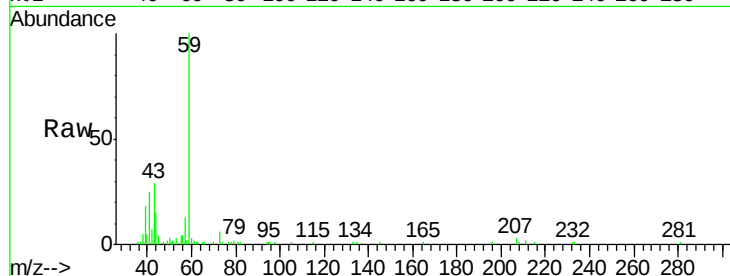
Tert butyl alcohol
Concen: 229.15 ug/l
RT: 2.67 min Scan# 217
Delta R.T. -0.00 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.8	11.0	16.4

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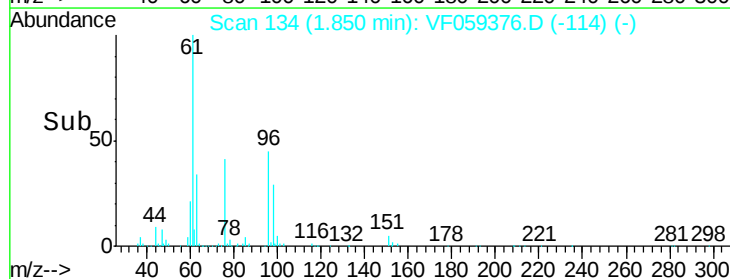
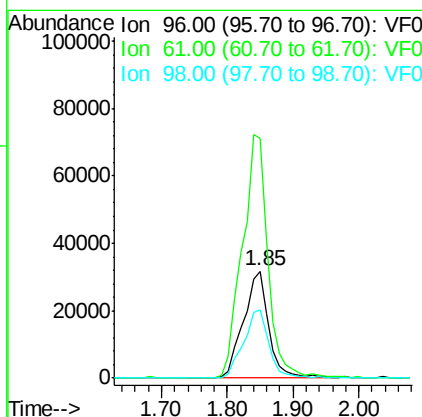
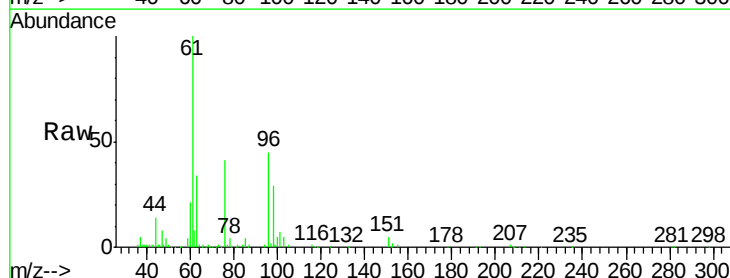
apatel
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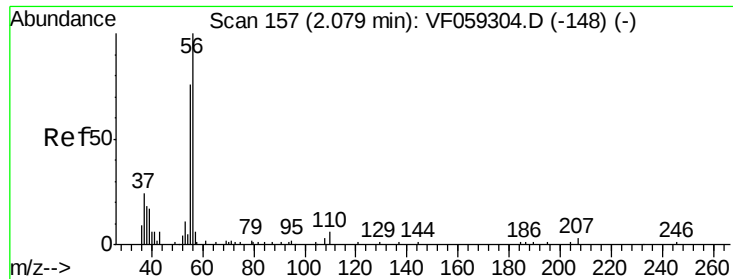


#12

1,1-Dichloroethene
Concen: 49.41 ug/l
RT: 1.85 min Scan# 134
Delta R.T. -0.00 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	223.2	201.1	301.7
98	64.2	53.9	80.9





#13

Acrolein

Concen: 400.76 ug/l

RT: 2.08 min Scan# 157

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 47073

Ion Ratio Lower Upper

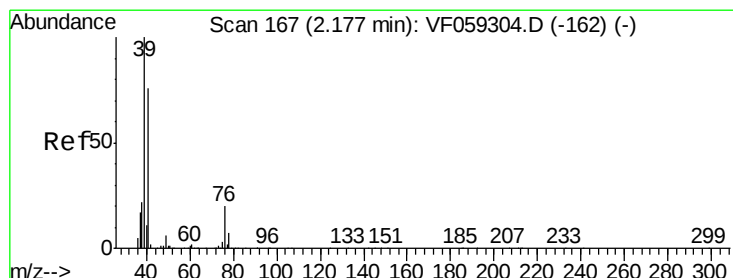
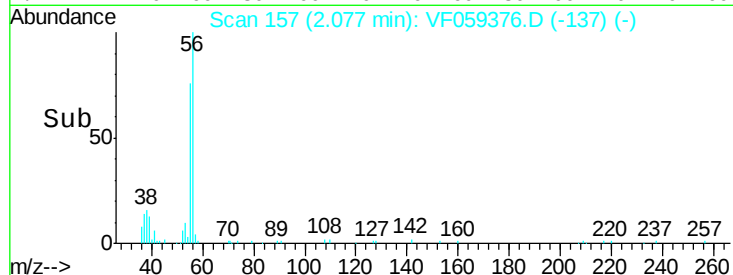
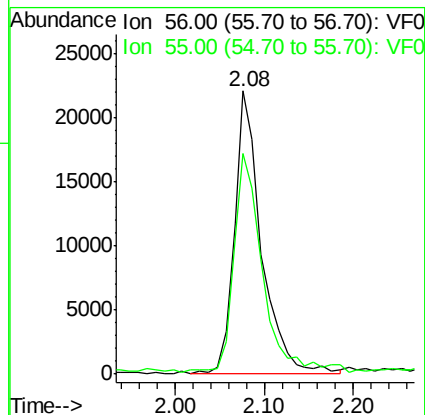
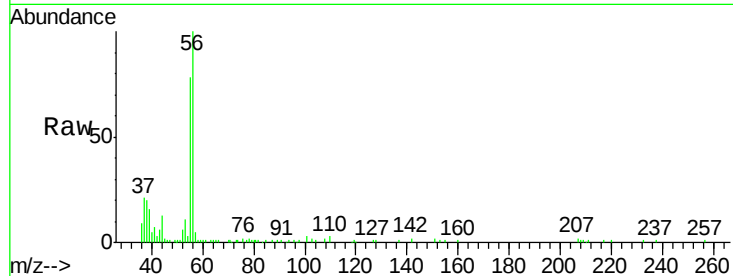
56 100

55 77.8 62.4 93.6

Manual Integrations
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#14

Allyl chloride

Concen: 51.01 ug/l

RT: 2.18 min Scan# 167

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

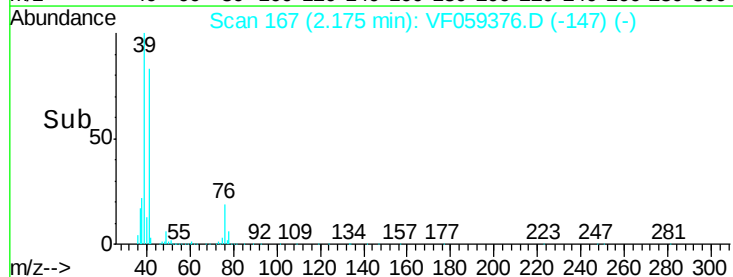
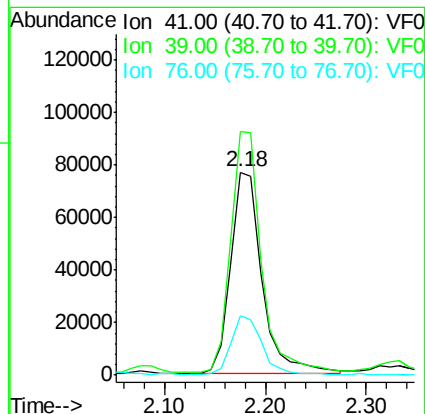
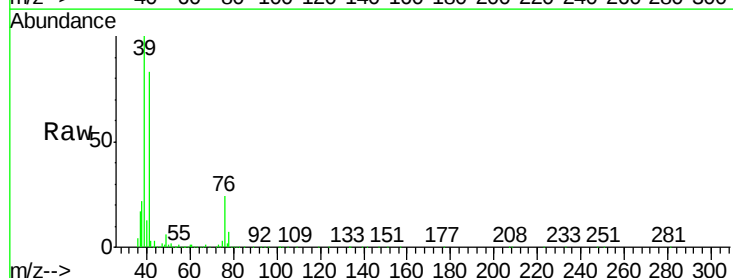
Tgt Ion: 41 Resp: 166512

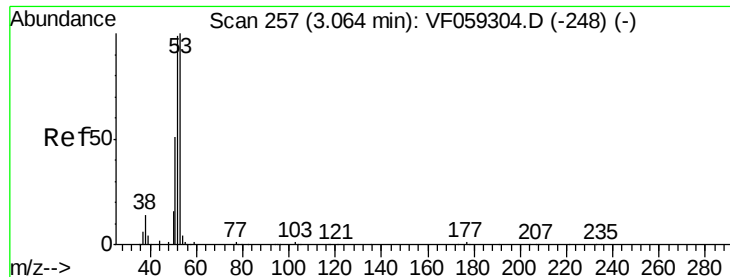
Ion Ratio Lower Upper

41 100

39 120.0 105.6 158.4

76 29.0 21.6 32.4





#15

Acrylonitrile

Concen: 268.00 ug/l

RT: 3.06 min Scan# 257

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

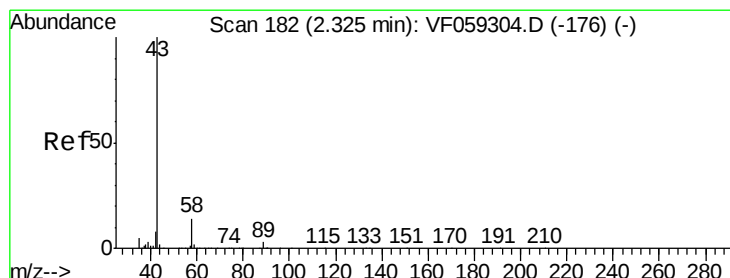
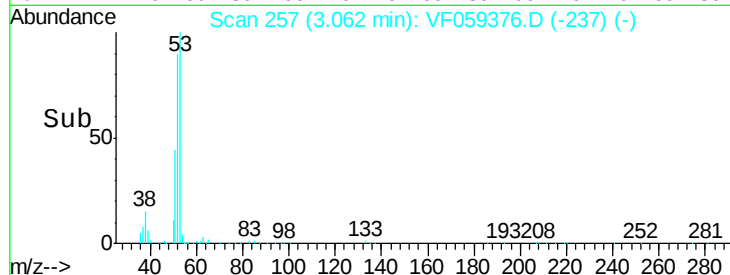
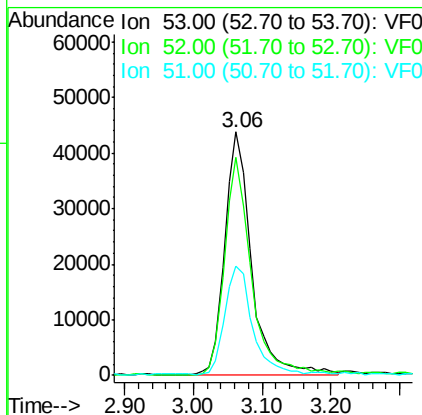
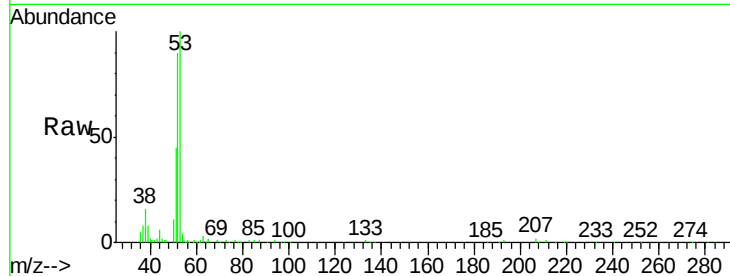
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	119739
Ion	Ratio	Lower	Upper
53	100		
52	89.8	79.2	118.8
51	44.7	40.9	61.3

Manual Integrations
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#16

Acetone

Concen: 290.65 ug/l

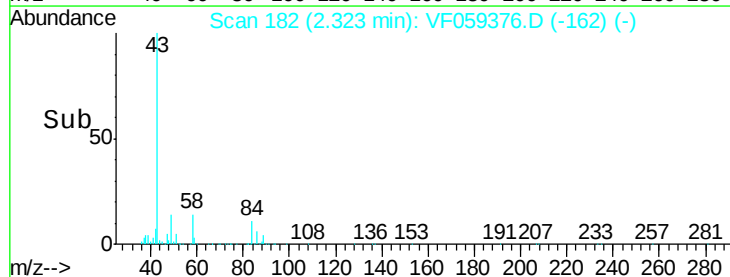
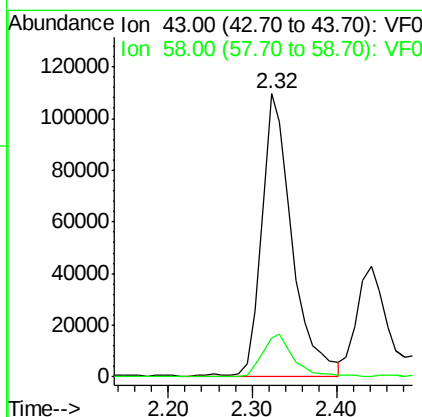
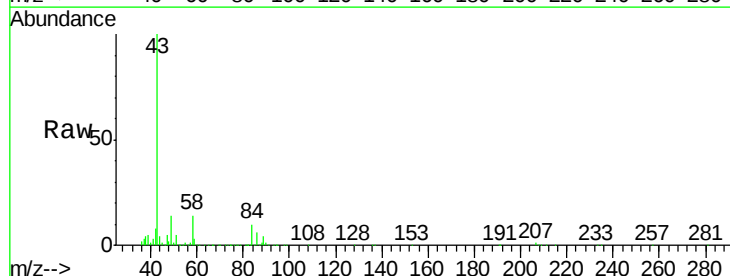
RT: 2.32 min Scan# 182

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Tgt Ion:	43	Resp:	275061
Ion	Ratio	Lower	Upper
43	100		
58	13.9	11.4	17.0





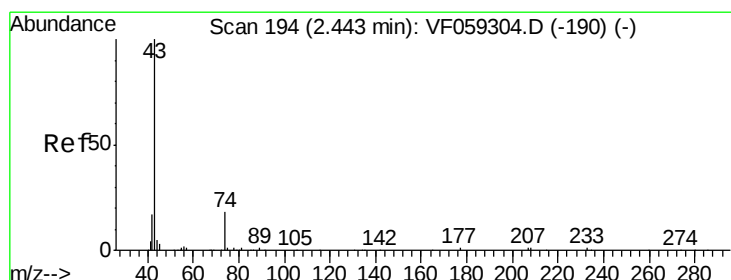
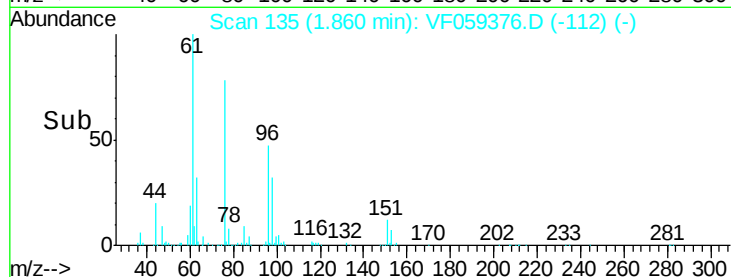
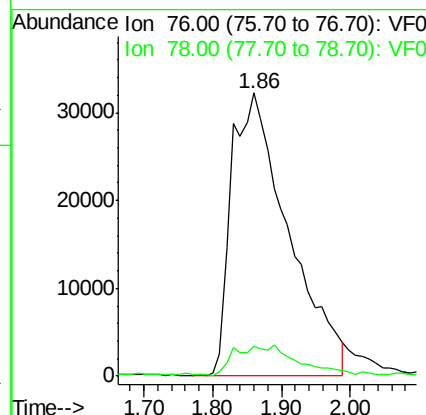
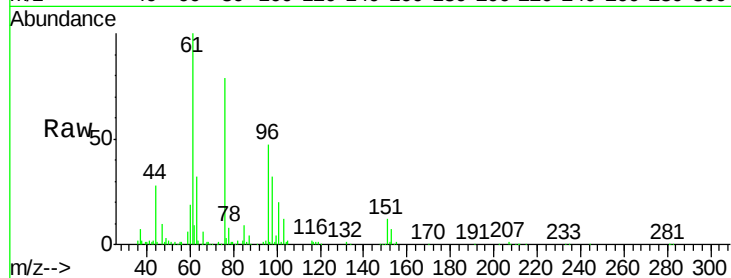
#17
Carbon Disulfide
Concen: 45.46 ug/l
RT: 1.86 min Scan# 135
Delta R.T. 0.03 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.5	8.9	13.3

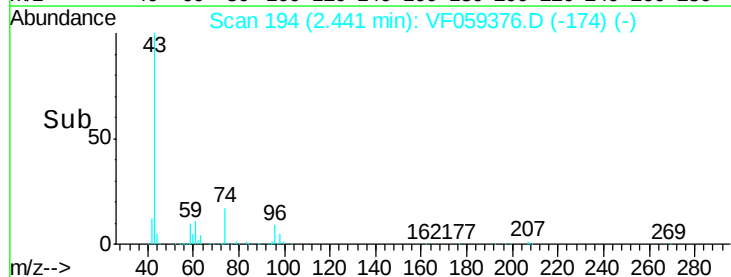
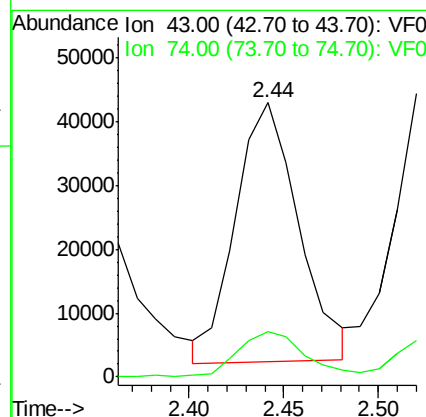
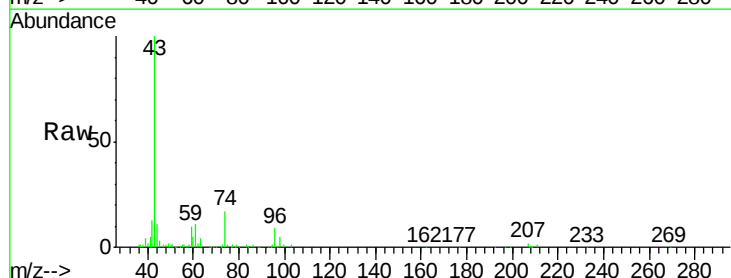
Manual Integrations
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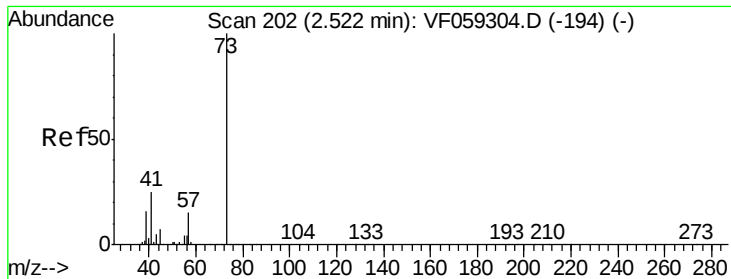
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#18
Methyl Acetate
Concen: 55.03 ug/l
RT: 2.44 min Scan# 194
Delta R.T. -0.00 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	16.8	13.3	19.9





#19

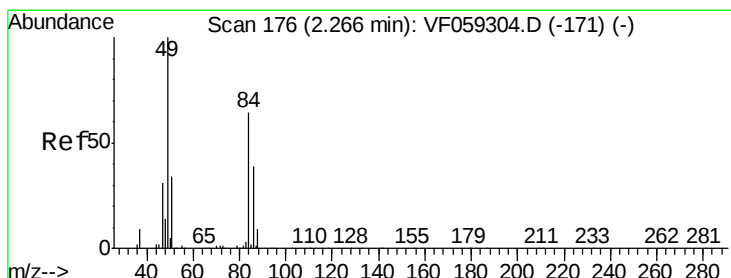
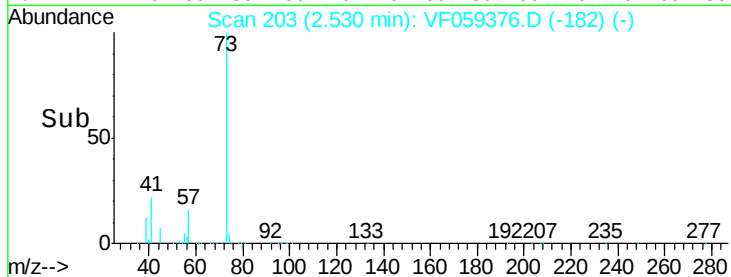
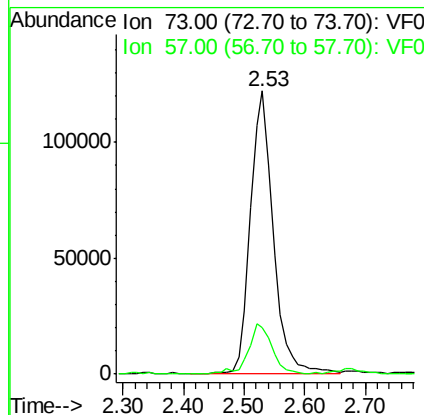
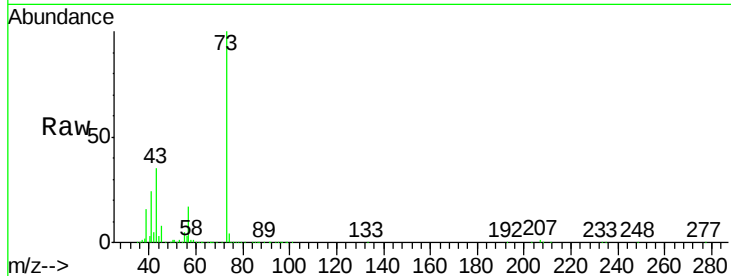
Methyl tert-butyl Ether
 Concen: 49.26 ug/l
 RT: 2.53 min Scan# 203
 Delta R.T. 0.01 min
 Lab File: VF059376.D
 Acq: 29 Jun 2018 14:13

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	16.5	12.3	18.5

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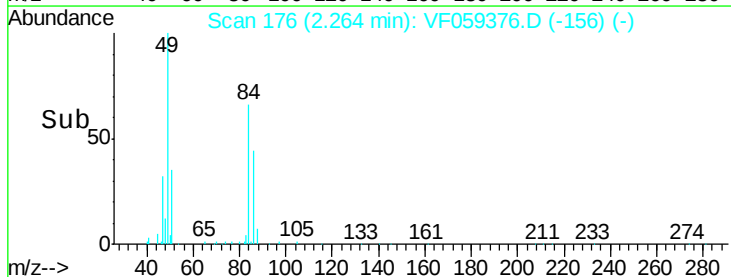
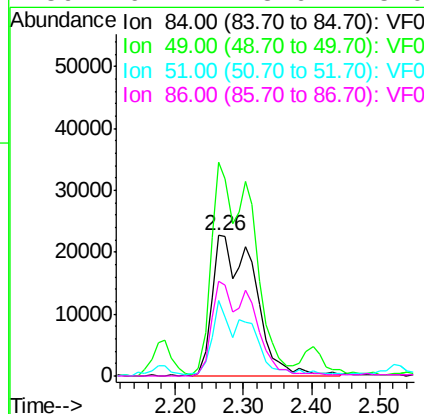
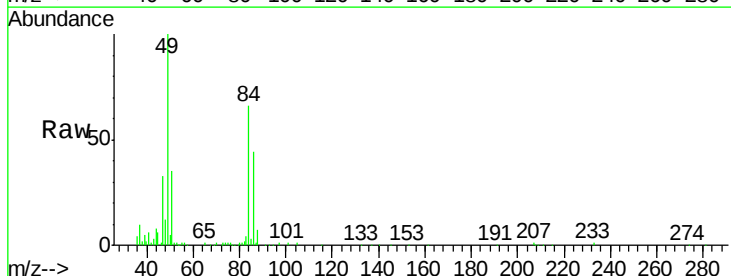
apatel
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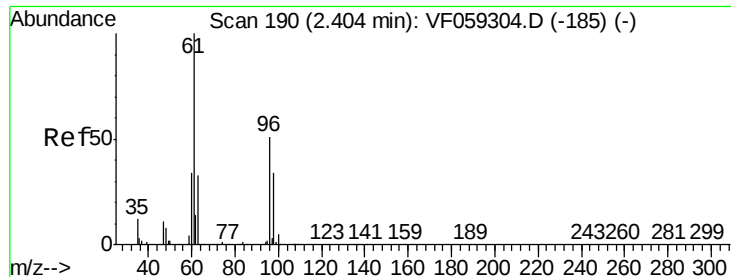


#20

Methylene Chloride
 Concen: 44.38 ug/l m
 RT: 2.26 min Scan# 176
 Delta R.T. -0.00 min
 Lab File: VF059376.D
 Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	152.3	126.5	189.7
51	53.8	42.9	64.3
86	67.4	48.6	73.0





#21

trans-1,2-Dichloroethene

Concen: 48.80 ug/l

RT: 2.40 min Scan# 190

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

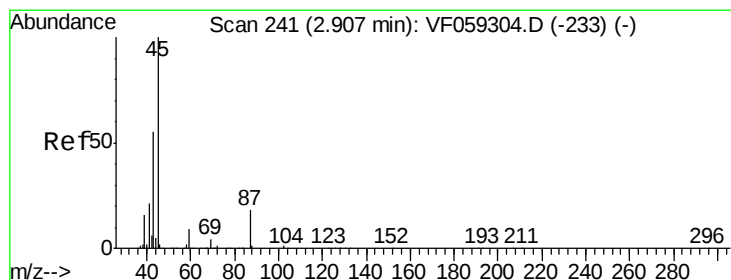
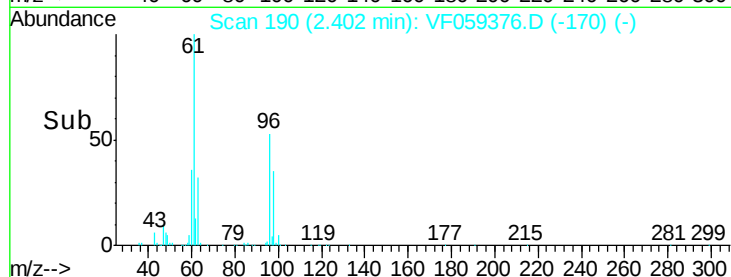
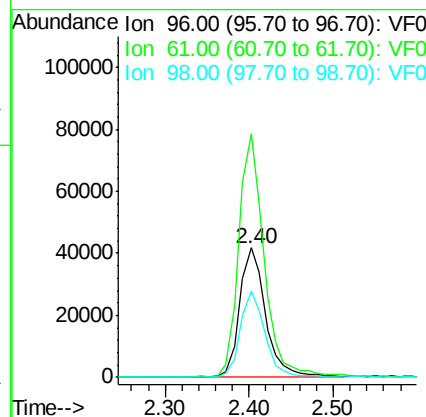
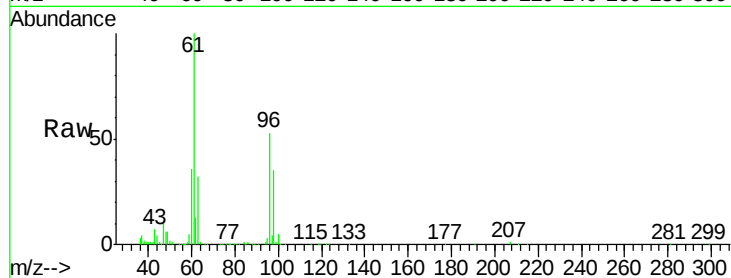
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	90532
Ion	Ratio	Lower	Upper
96	100		
61	188.6	157.4	236.2
98	66.7	53.7	80.5

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#22

Diisopropyl ether

Concen: 51.29 ug/l

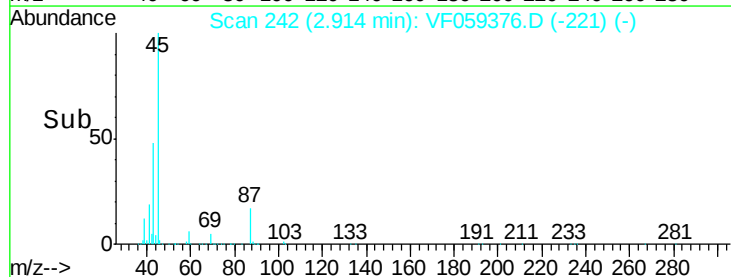
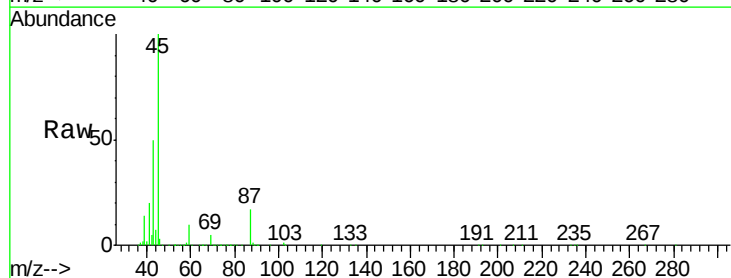
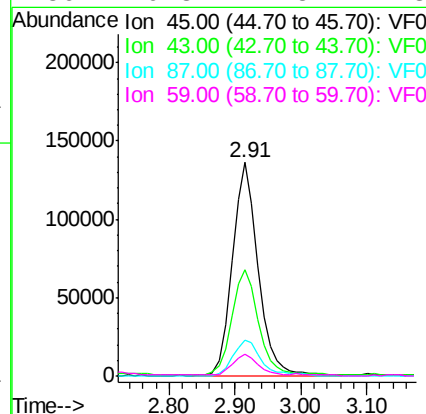
RT: 2.91 min Scan# 242

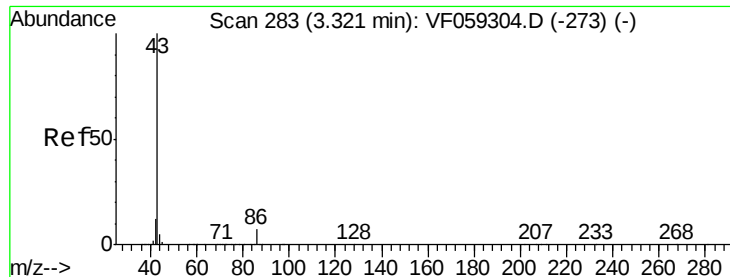
Delta R.T. 0.01 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Tgt Ion:	45	Resp:	370784
Ion	Ratio	Lower	Upper
45	100		
43	49.7	44.6	66.8
87	16.8	14.3	21.5
59	10.3	7.5	11.3





#23

Vinyl Acetate

Concen: 251.14 ug/l

RT: 3.32 min Scan# 283

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1156224

Ion Ratio Lower Upper

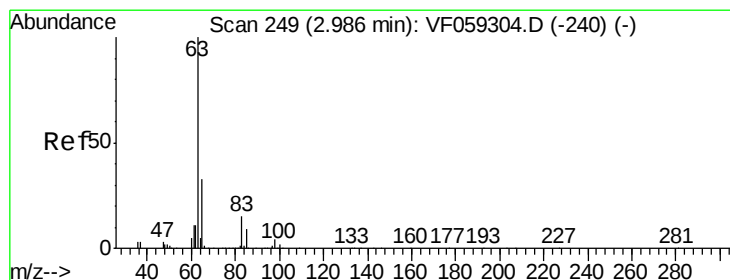
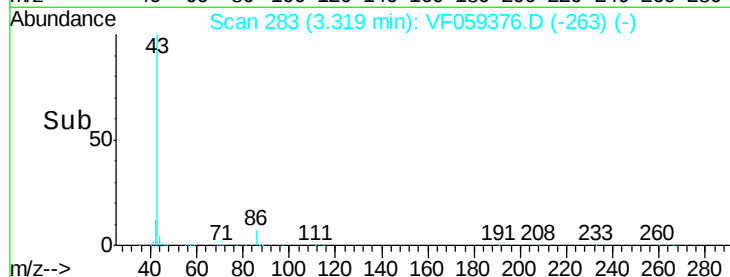
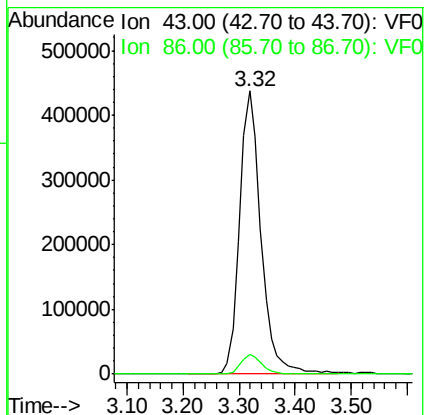
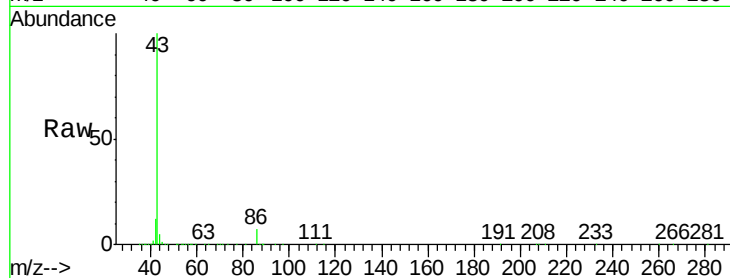
43 100

86 7.0 5.8 8.6

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#24

1,1-Dichloroethane

Concen: 47.76 ug/l

RT: 2.98 min Scan# 249

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

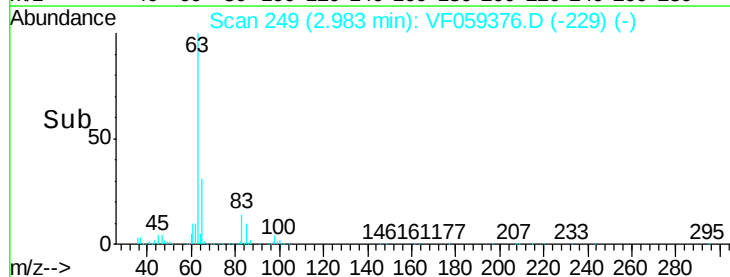
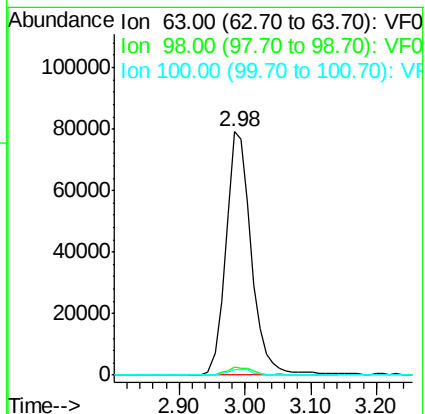
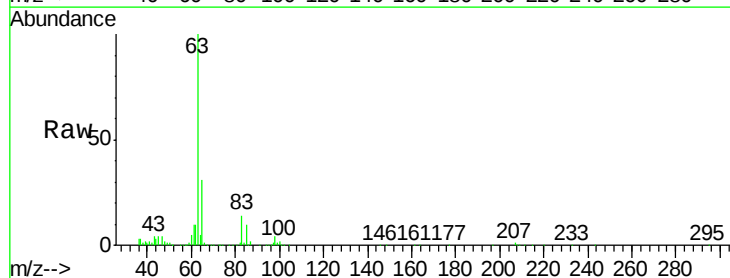
Tgt Ion: 63 Resp: 214088

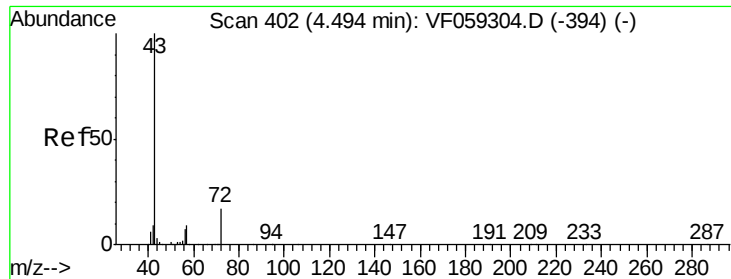
Ion Ratio Lower Upper

63 100

98 3.6 2.0 6.0

100 2.2 1.3 3.9





#25

2-Butanone

Concen: 283.31 ug/l

RT: 4.49 min Scan# 402

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 326202

Ion Ratio Lower Upper

43 100

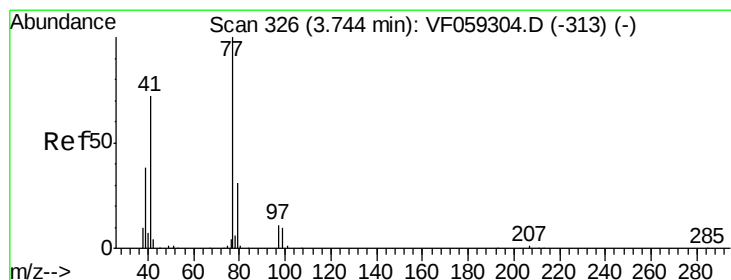
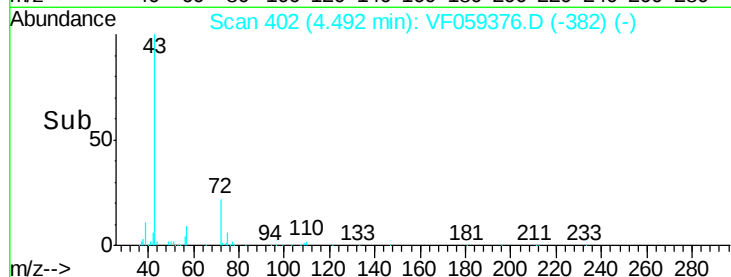
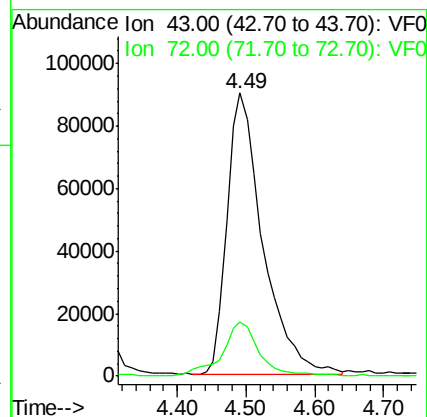
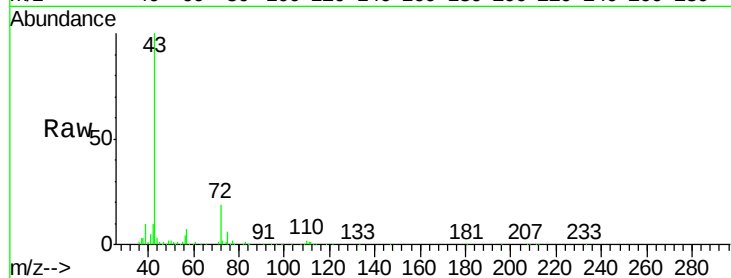
72 19.1 14.4 21.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.12 ug/l

RT: 3.75 min Scan# 327

Delta R.T. 0.01 min

Lab File: VF059376.D

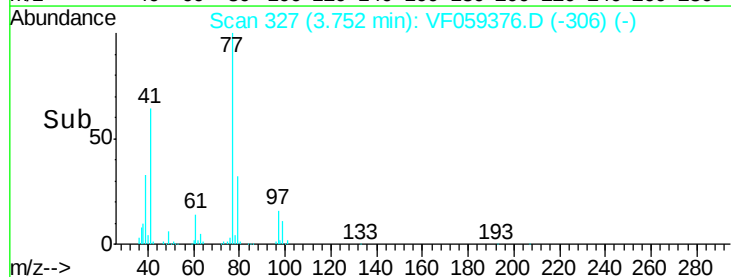
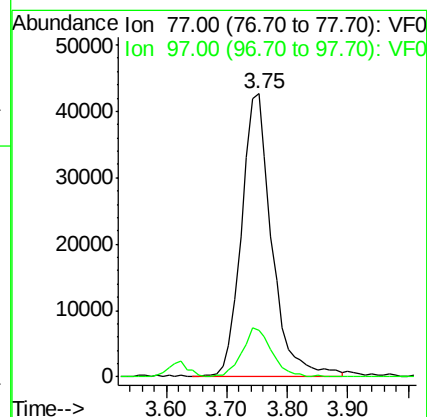
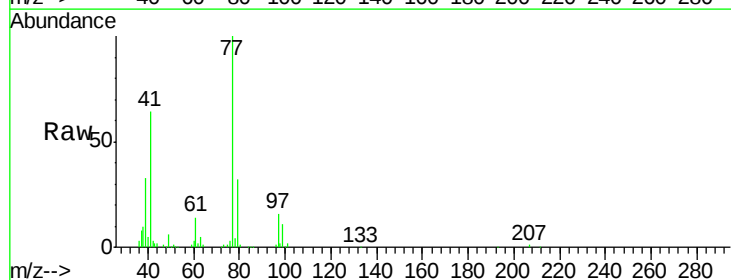
Acq: 29 Jun 2018 14:13

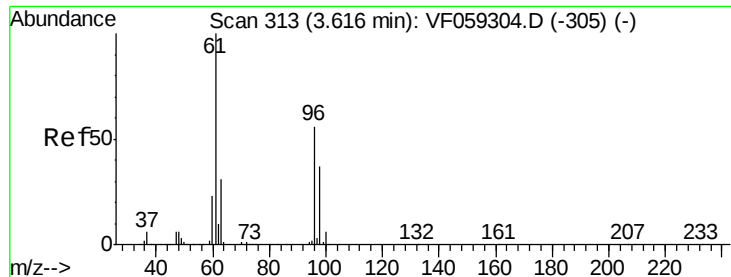
Tgt Ion: 77 Resp: 148751

Ion Ratio Lower Upper

77 100

97 16.4 8.0 23.8





#27

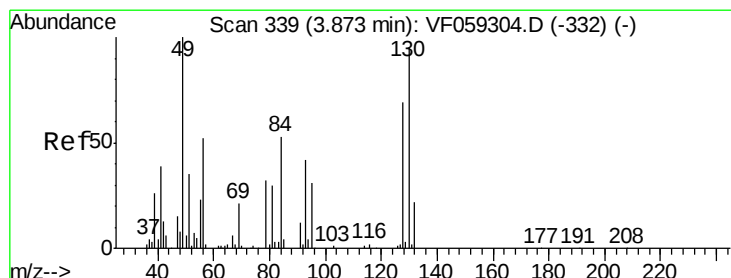
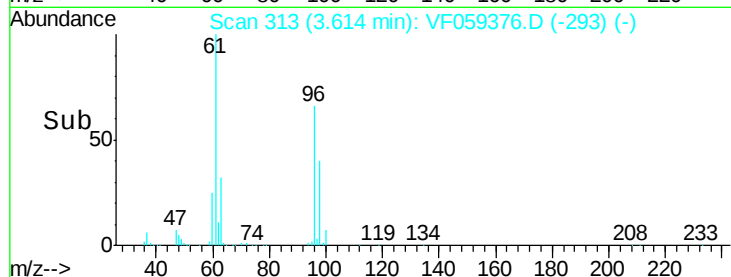
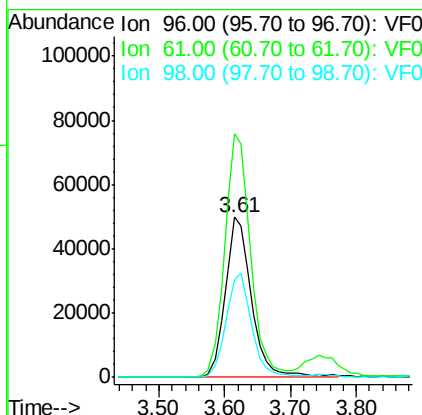
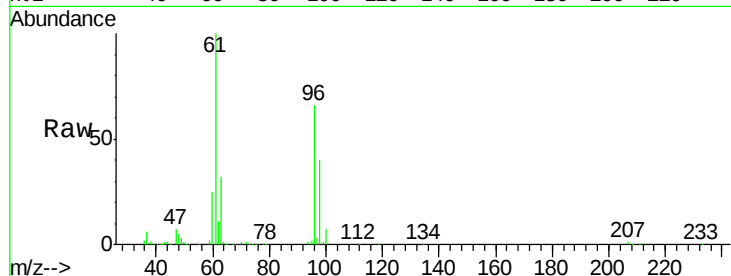
cis-1,2-Dichloroethene
Concen: 49.21 ug/l
RT: 3.61 min Scan# 313
Delta R.T. -0.00 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.3	0.0	355.4
98	60.9	0.0	131.0

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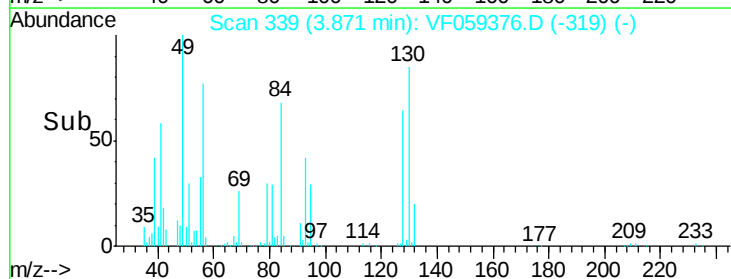
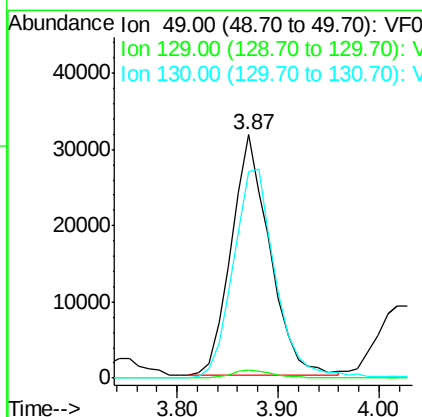
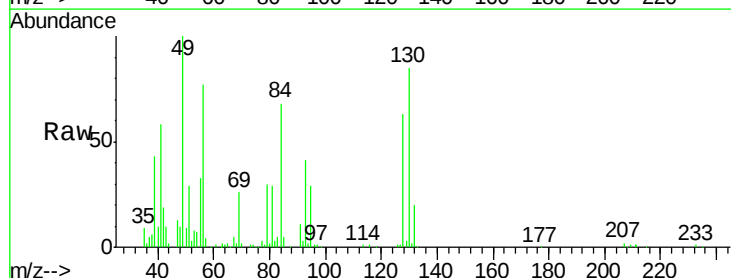
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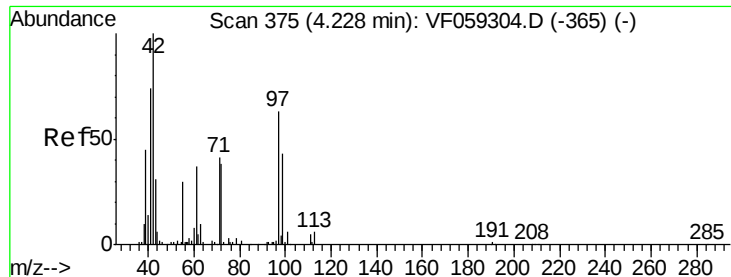


#28

Bromochloromethane
Concen: 48.83 ug/l
RT: 3.87 min Scan# 339
Delta R.T. -0.00 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	6.4
130	84.9	75.1	112.7





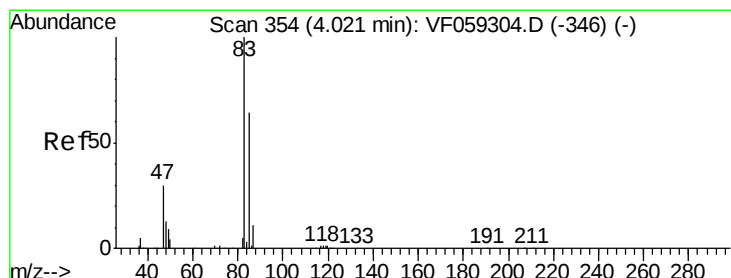
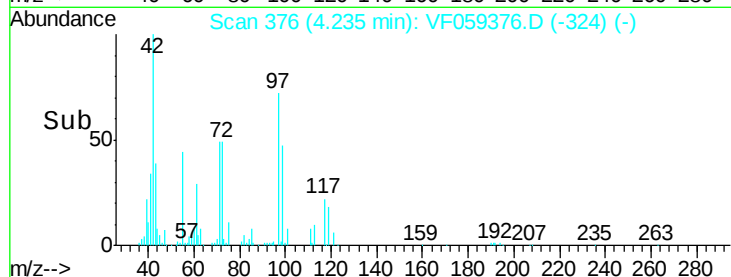
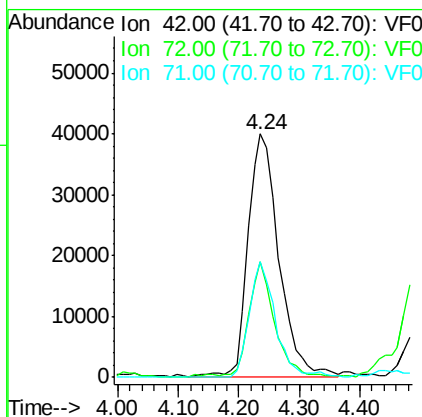
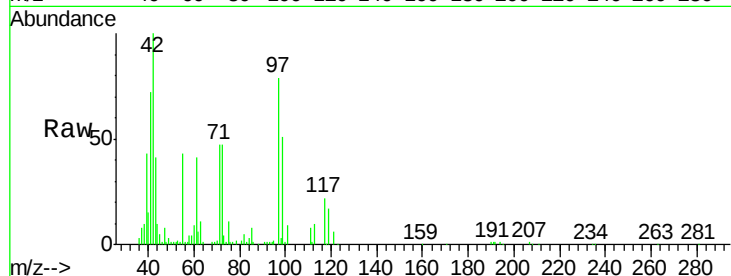
#29
Tetrahydrofuran
Concen: 293.01 ug/l
RT: 4.24 min Scan# 376
Delta R.T. 0.01 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.6	30.5	45.7
71	39.3	32.5	48.7

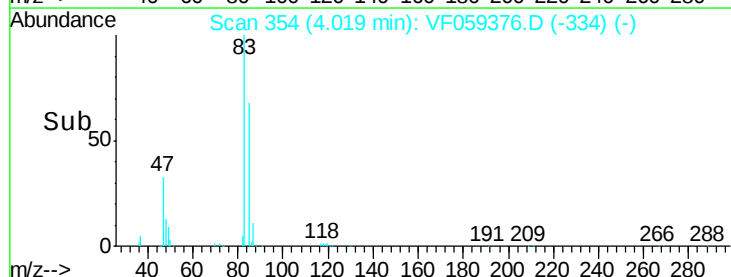
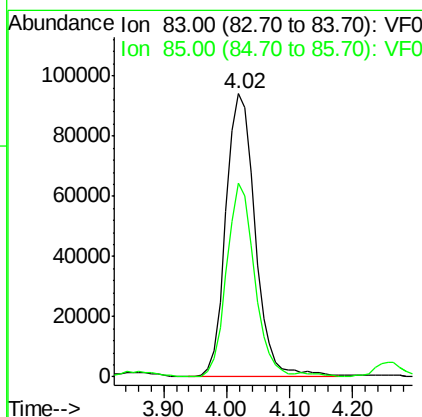
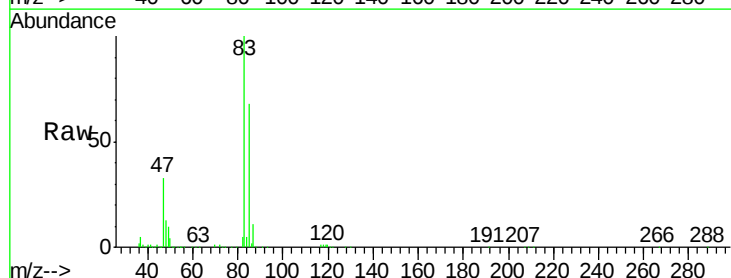
Manual Integrations
APPROVED

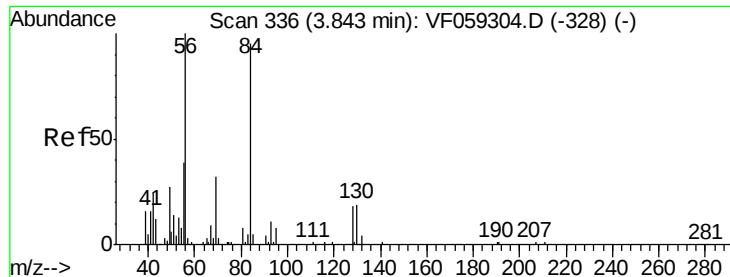
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#30
Chloroform
Concen: 46.61 ug/l
RT: 4.02 min Scan# 354
Delta R.T. -0.00 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.3	51.3	76.9





#31

Cyclohexane

Concen: 47.54 ug/l

RT: 3.85 min Scan# 337

Delta R.T. 0.01 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

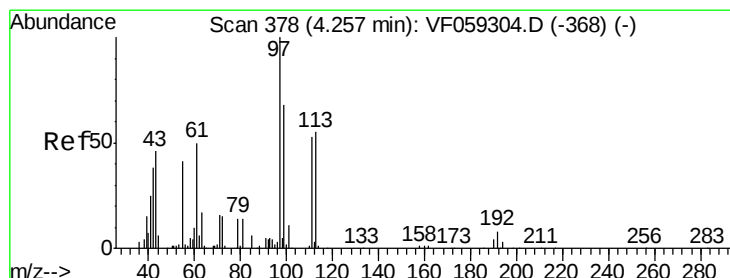
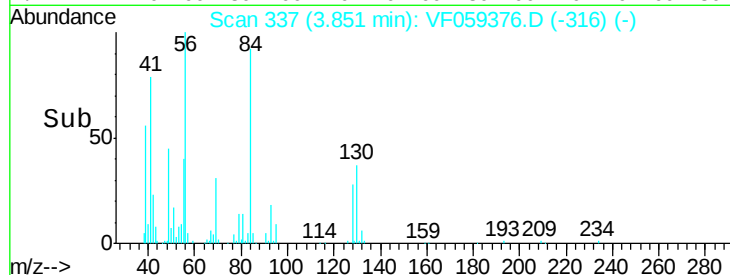
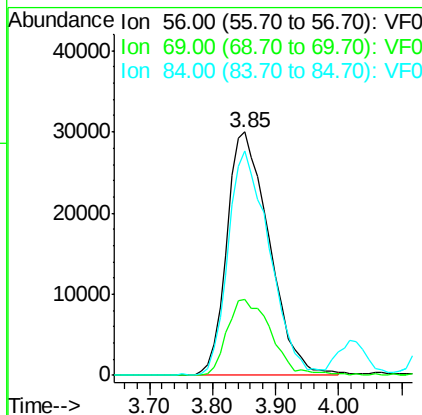
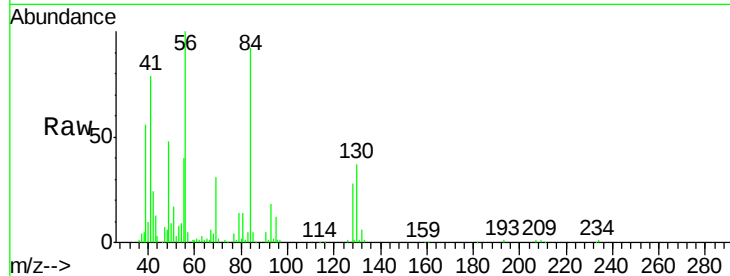
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	139595
Ion Ratio	Lower	Upper	
56	100		
69	30.9	25.8	38.8
84	92.4	75.6	113.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 46.43 ug/l

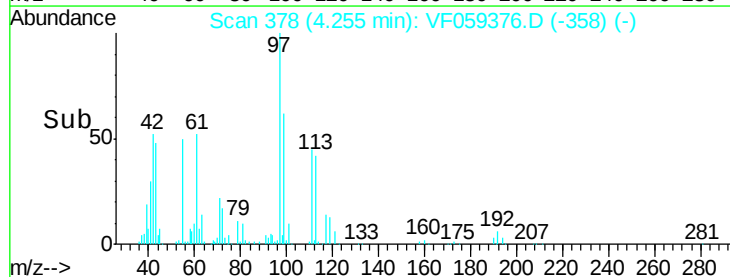
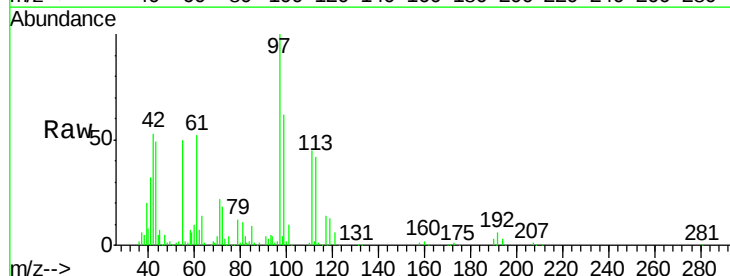
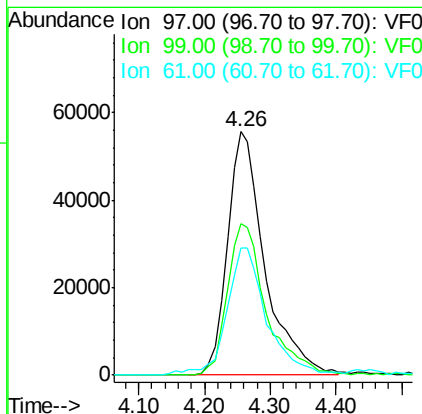
RT: 4.26 min Scan# 378

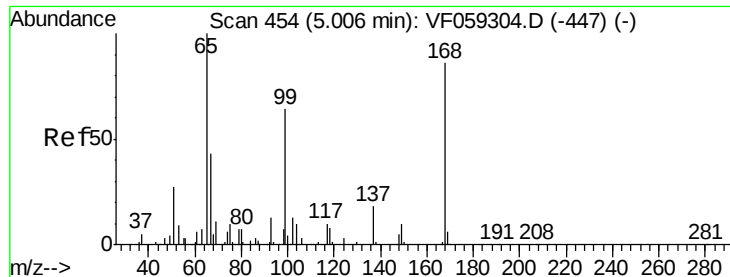
Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Tgt Ion:	97	Resp:	220488
Ion Ratio	Lower	Upper	
97	100		
99	62.0	54.1	81.1
61	52.4	41.2	61.8





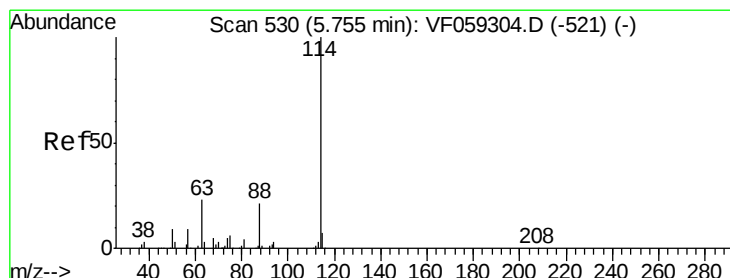
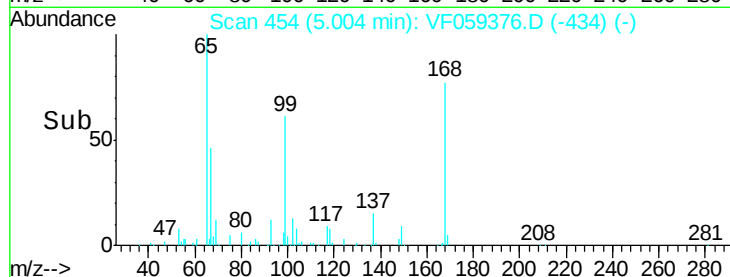
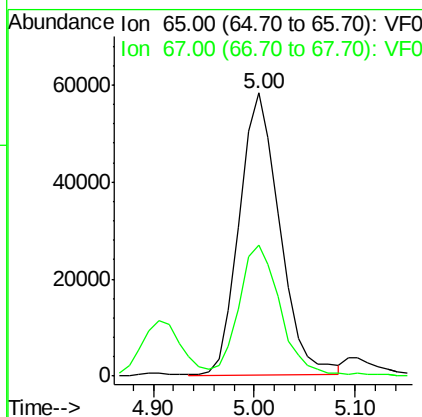
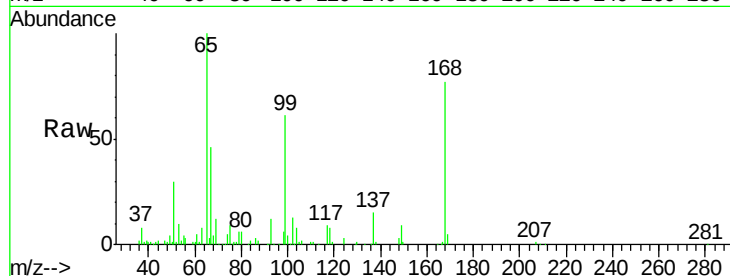
#33
 1,2-Dichloroethane-d4
 Concen: 42.69 ug/l
 RT: 5.00 min Scan# 454
 Delta R.T. -0.00 min
 Lab File: VF059376.D
 Acq: 29 Jun 2018 14:13

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	162699		
67	46.3	0.0	96.8	

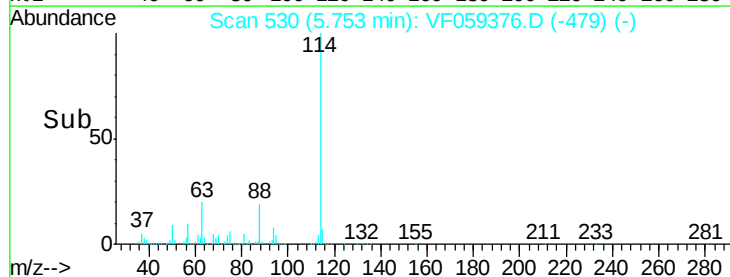
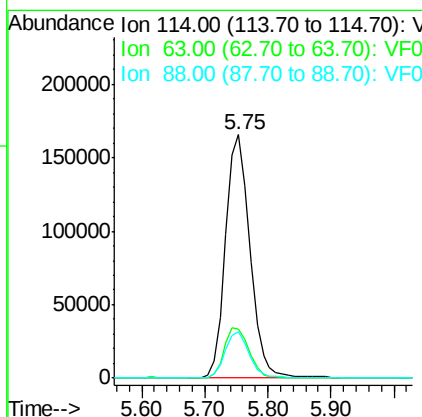
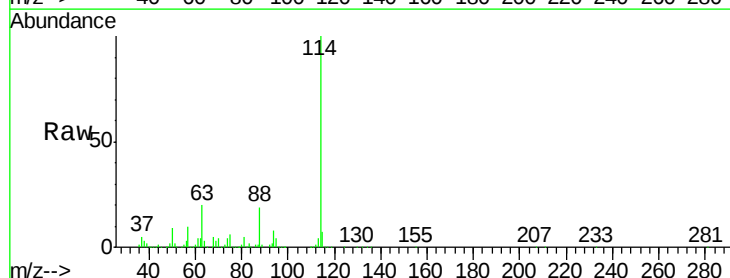
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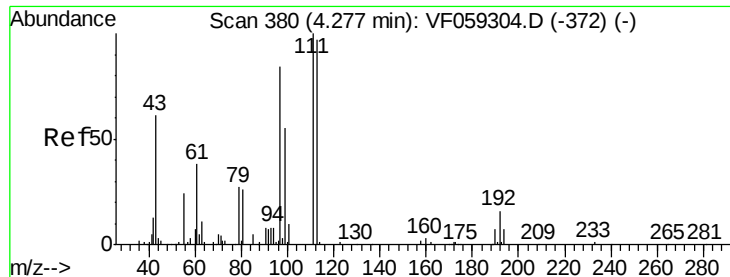
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VF059376.D
 Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	446171		
63	20.4	0.0	45.8	
88	19.0	0.0	41.2	





#35

Dibromofluoromethane

Concen: 45.84 ug/l

RT: 4.27 min Scan# 380

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

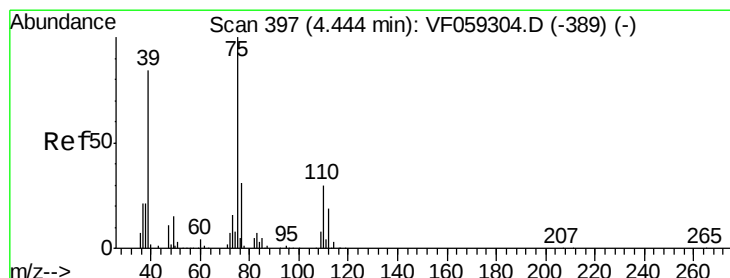
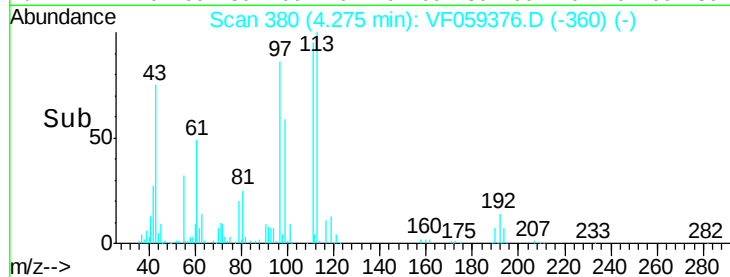
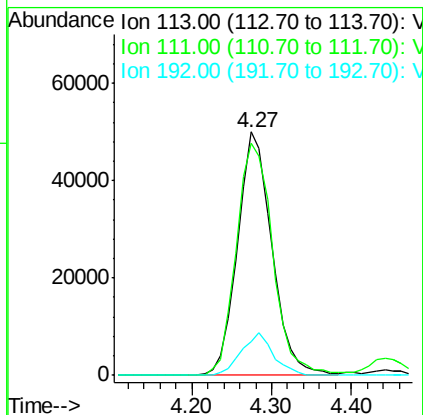
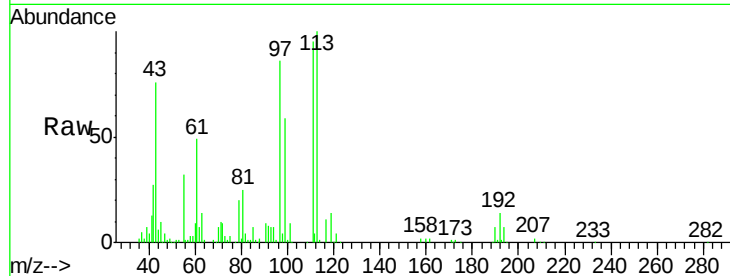
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	149428
Ion Ratio	Lower	Upper	
113	100		
111	95.5	82.1	123.1
192	14.1	13.0	19.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.36 ug/l

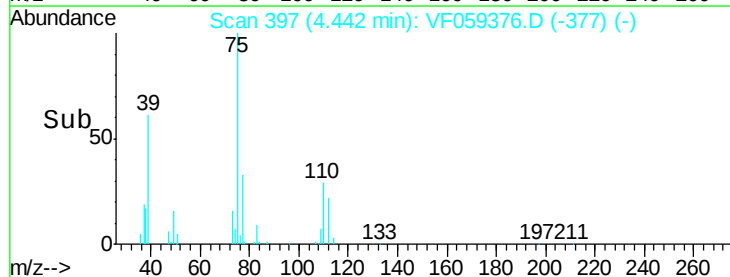
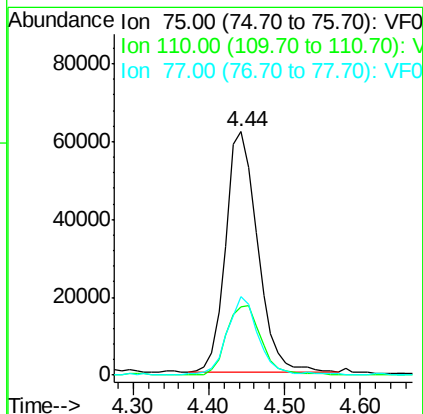
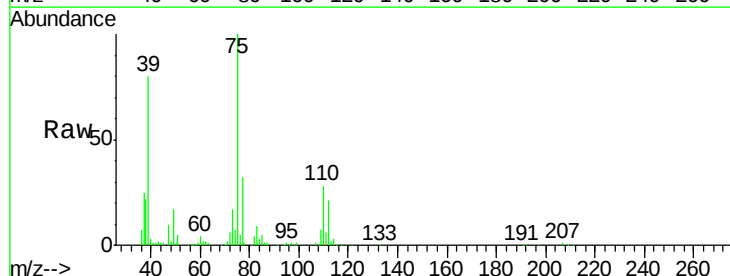
RT: 4.44 min Scan# 397

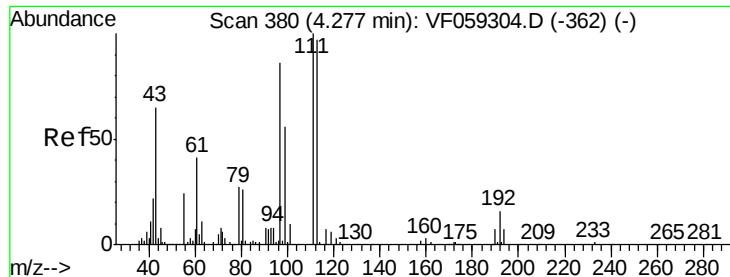
Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Tgt Ion:	75	Resp:	180702
Ion Ratio	Lower	Upper	
75	100		
110	27.9	14.8	44.4
77	32.1	25.2	37.8





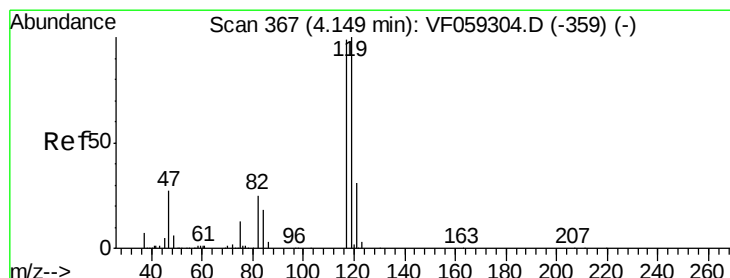
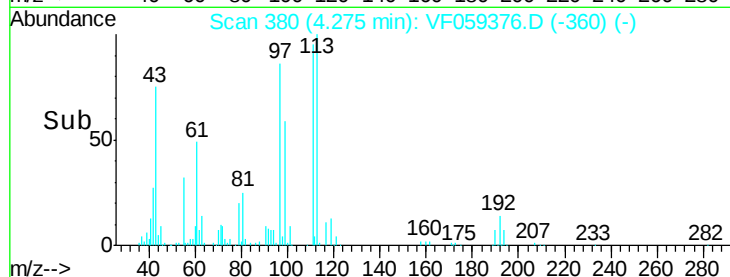
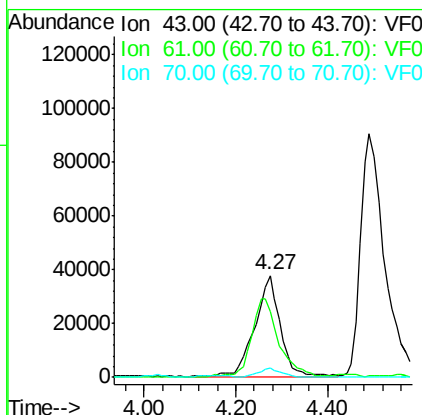
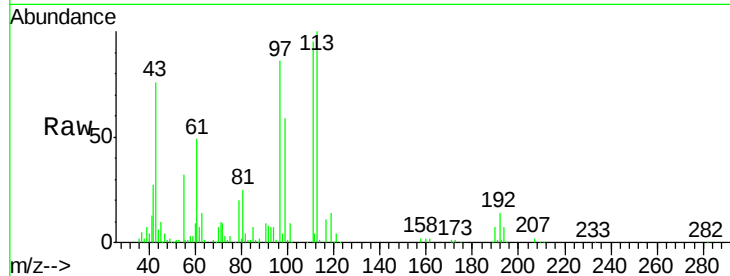
#37
Ethyl Acetate
Concen: 58.85 ug/l
RT: 4.27 min Scan# 380
Delta R.T. -0.00 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	64.6	50.1	75.1
70	8.7	6.2	9.4

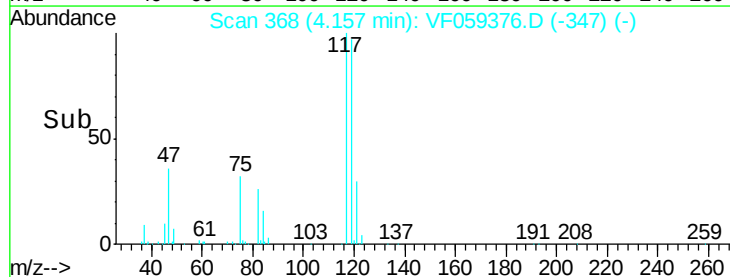
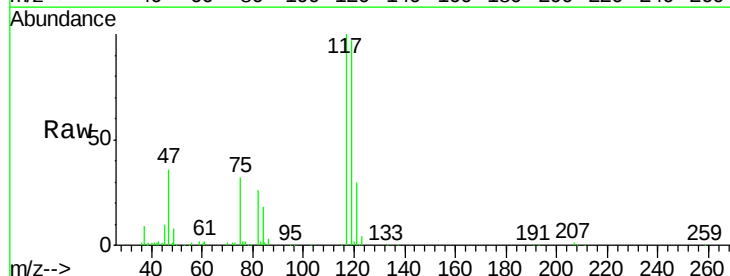
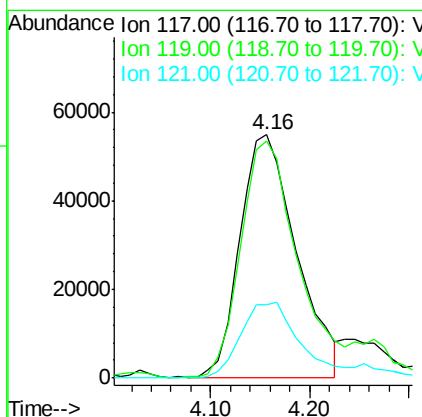
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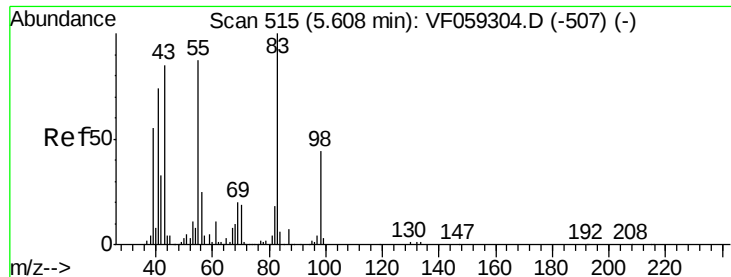
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#38
Carbon Tetrachloride
Concen: 44.44 ug/l m
RT: 4.16 min Scan# 368
Delta R.T. 0.01 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	81.0	121.4
121	30.2	24.7	37.1





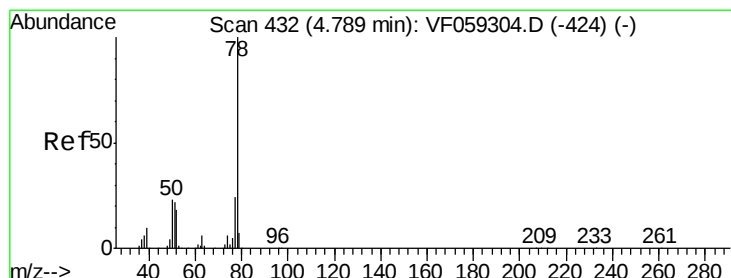
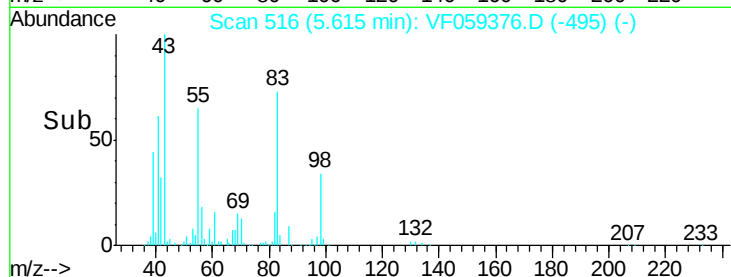
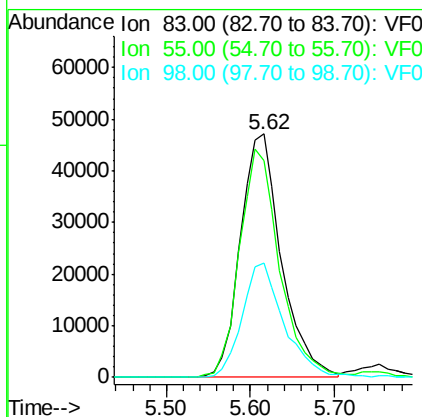
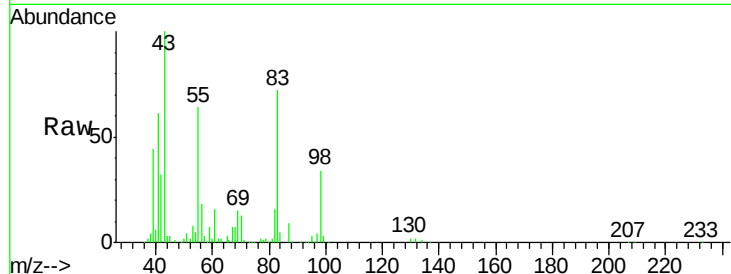
#39
Methvlcvclohexane
Concen: 46.36 ug/l
RT: 5.62 min Scan# 516
Delta R.T. 0.01 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	88.8	69.2	103.8
98	46.9	35.0	52.6

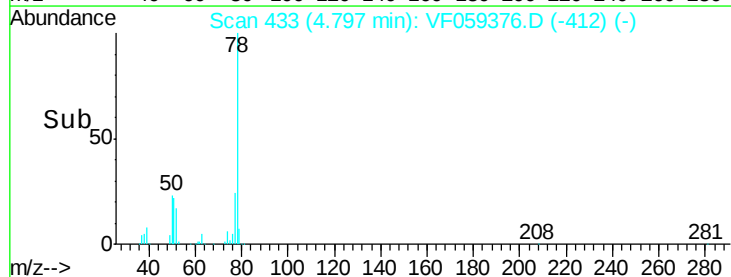
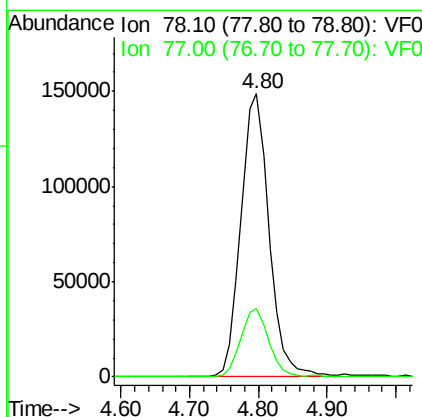
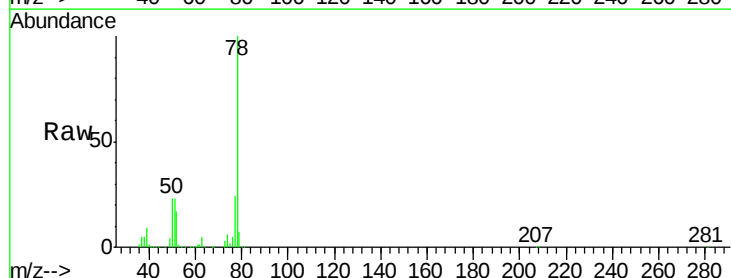
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#40
Benzene
Concen: 49.02 ug/l
RT: 4.80 min Scan# 433
Delta R.T. 0.01 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.6	29.4





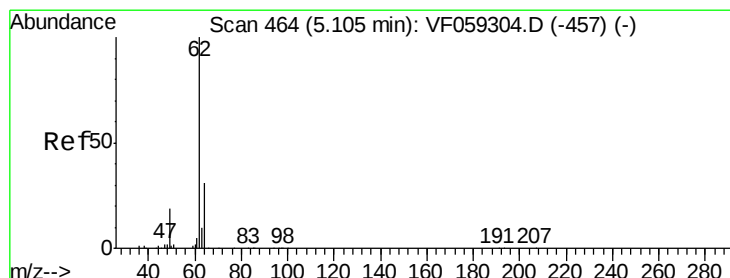
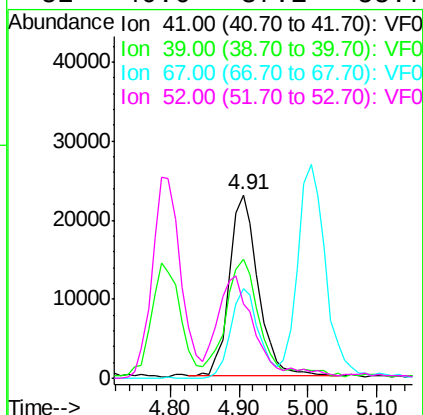
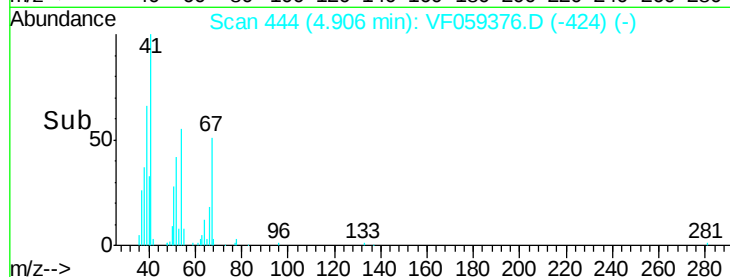
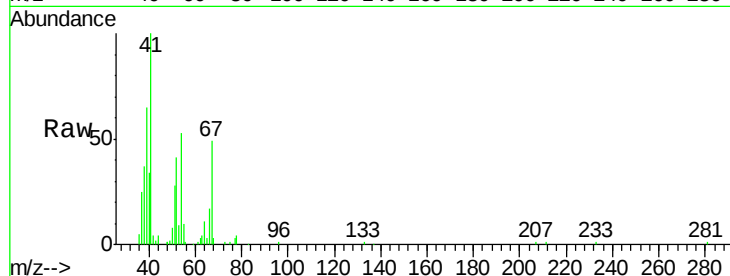
#41
Methacrylonitrile
Concen: 50.18 ug/l
RT: 4.91 min Scan# 444
Delta R.T. -0.00 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.2	50.0	75.0
67	49.1	37.0	55.6
52	40.6	37.1	55.7

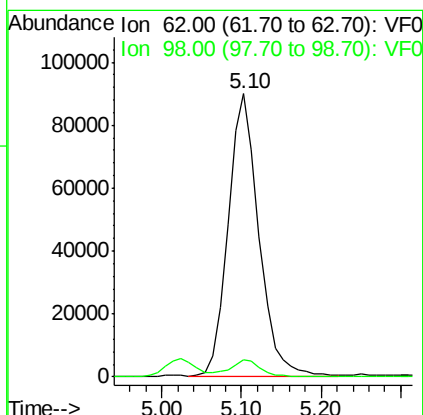
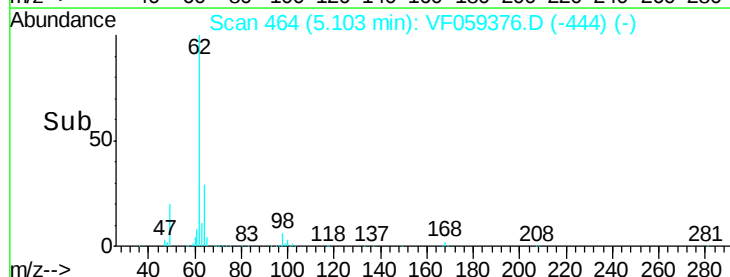
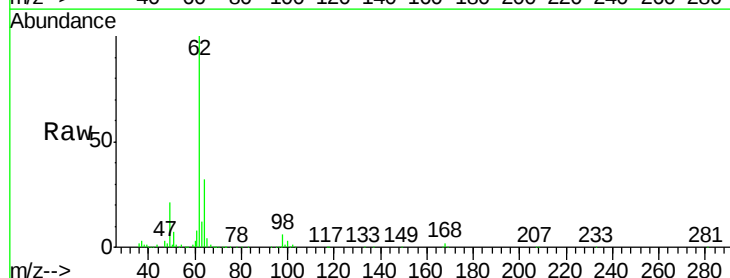
Manual Integrations
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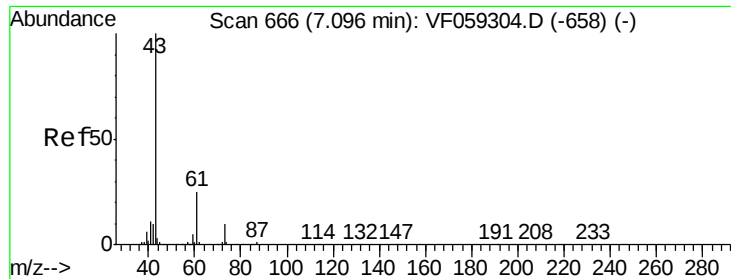
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#42
1,2-Dichloroethane
Concen: 47.52 ug/l
RT: 5.10 min Scan# 464
Delta R.T. -0.00 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Lower	Upper
62	100		
98	5.9	0.0	11.4





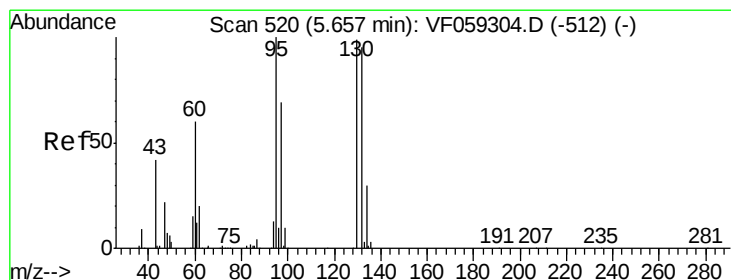
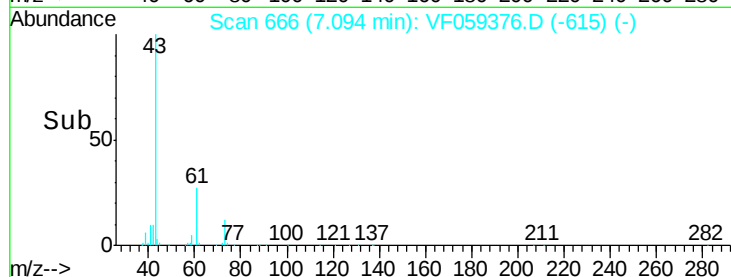
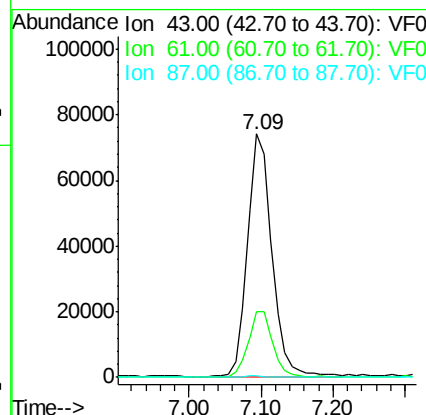
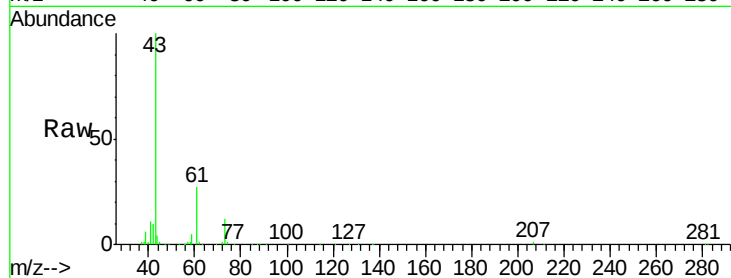
#43
Isopropyl Acetate
Concen: 54.07 ug/l
RT: 7.09 min Scan# 666
Delta R.T. -0.00 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.2	19.7	29.5
87	0.5	0.5	0.7

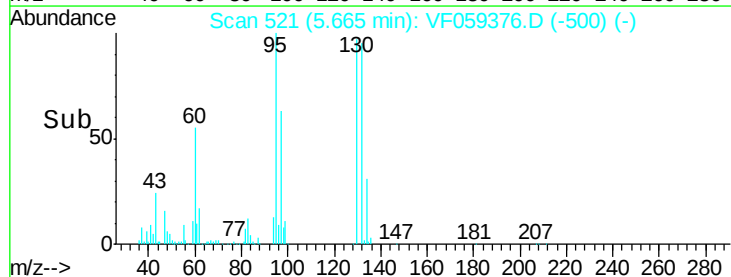
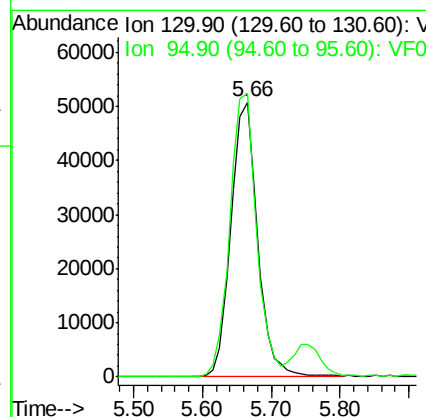
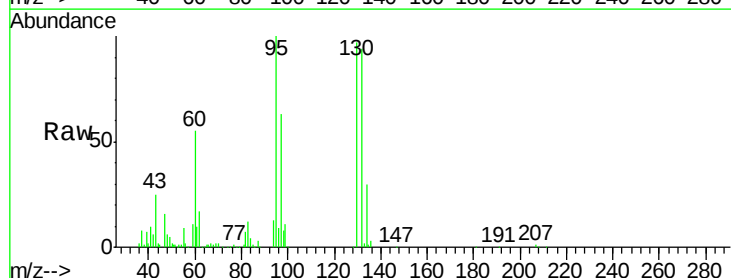
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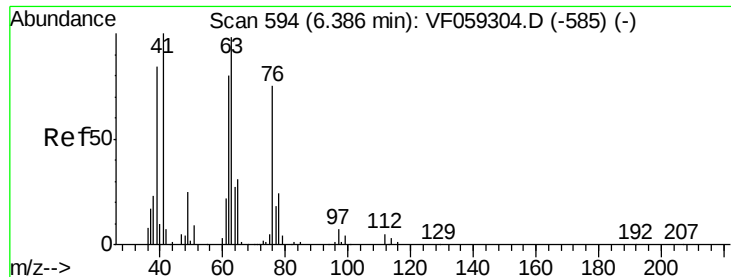
apatel
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#44
Trichloroethene
Concen: 46.02 ug/l
RT: 5.66 min Scan# 521
Delta R.T. 0.01 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	202.4





#45

1,2-Dichloropropane

Concen: 51.91 ug/l

RT: 6.38 min Scan# 594

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 128162

Ion Ratio Lower Upper

63 100

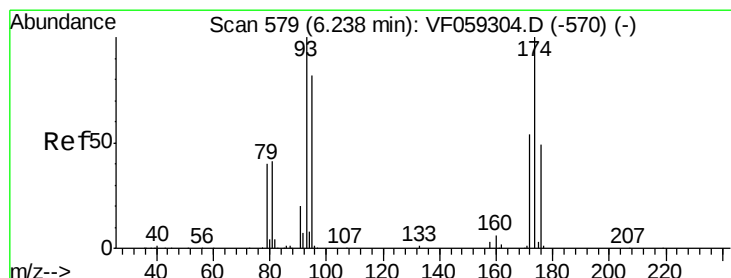
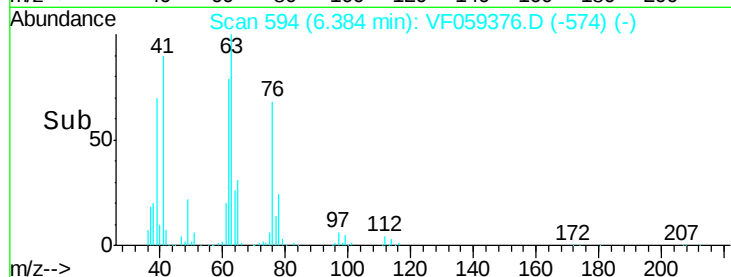
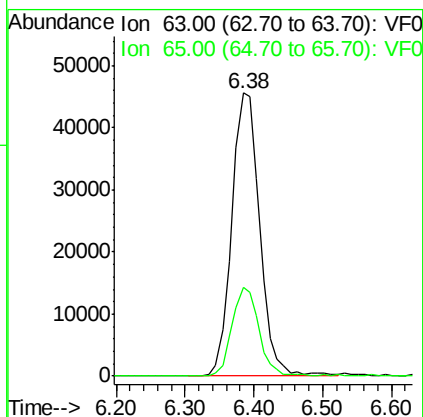
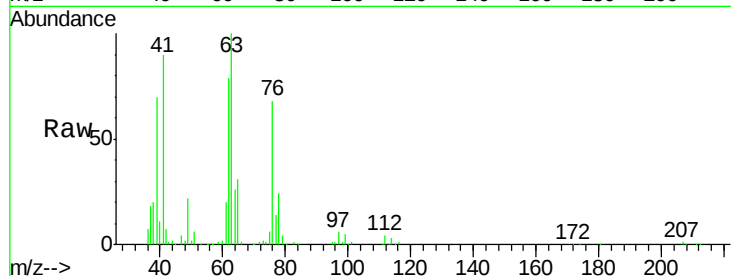
65 31.4 25.3 37.9

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#46

Dibromomethane

Concen: 48.85 ug/l

RT: 6.24 min Scan# 579

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

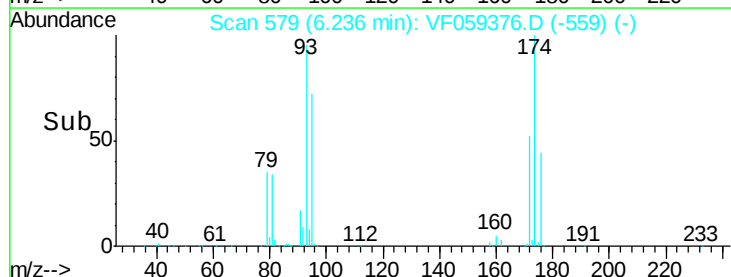
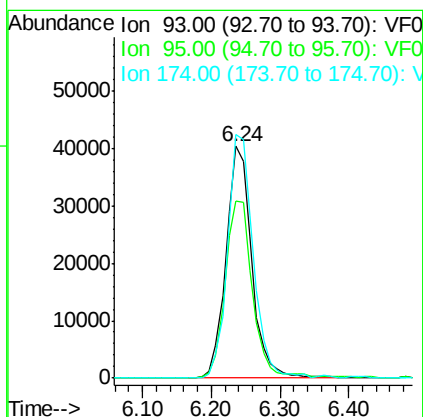
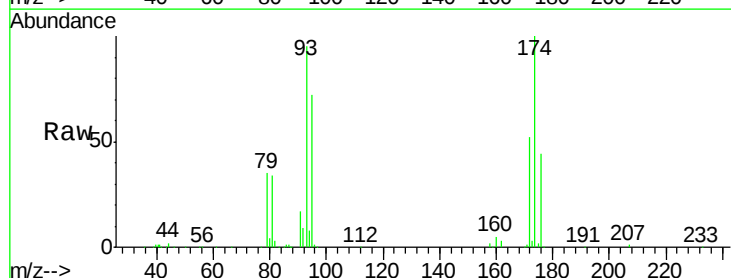
Tgt Ion: 93 Resp: 104696

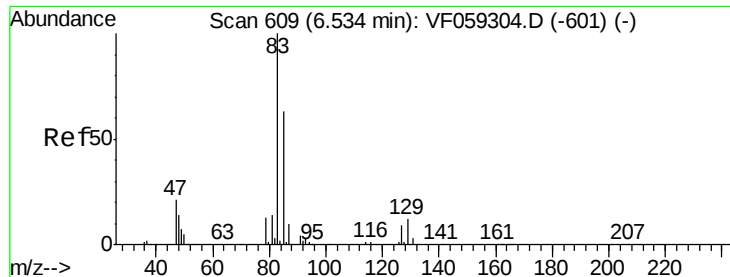
Ion Ratio Lower Upper

93 100

95 76.1 65.6 98.4

174 105.0 80.0 120.0





#47

Bromodichloromethane

Concen: 49.08 ug/l

RT: 6.53 min Scan# 609

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

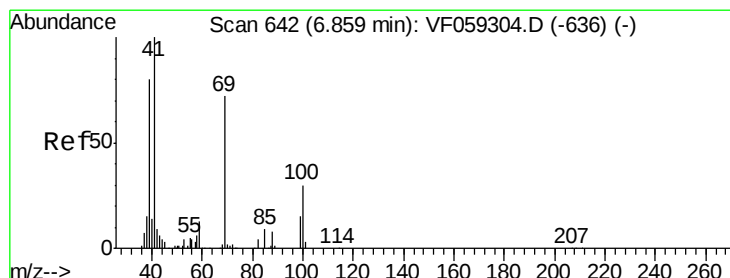
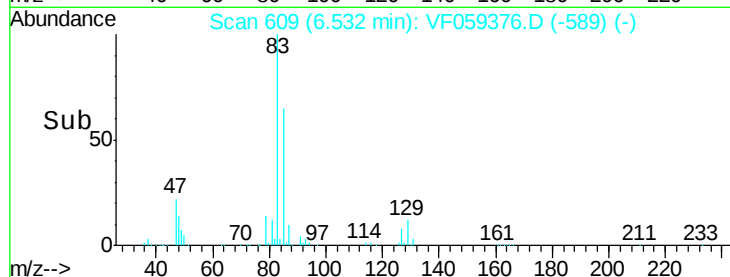
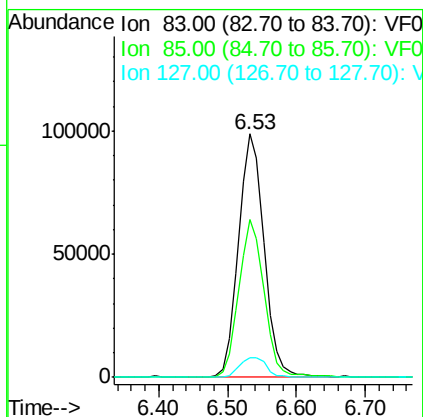
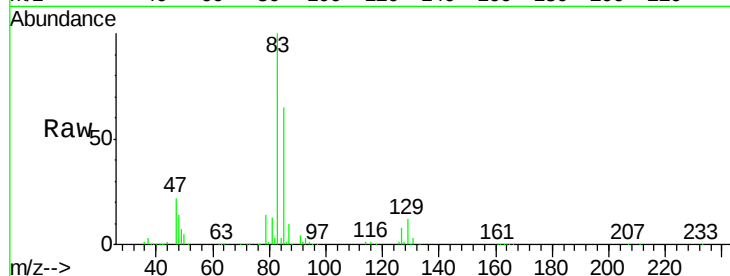
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	254597
Ion Ratio	Lower	Upper	
83	100		
85	64.6	50.2	75.2
127	8.0	7.0	10.4

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#48

Methyl methacrylate

Concen: 55.52 ug/l

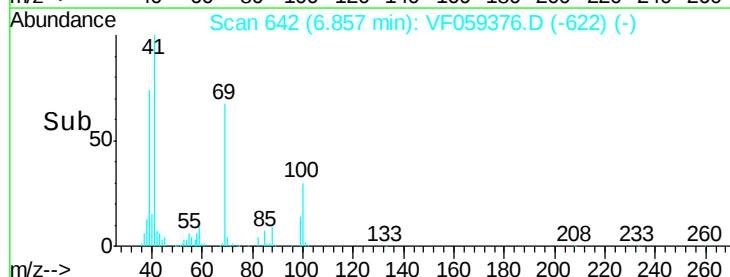
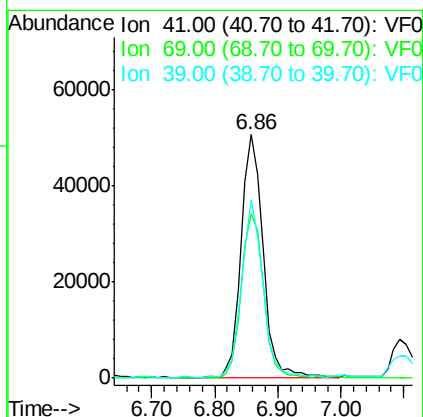
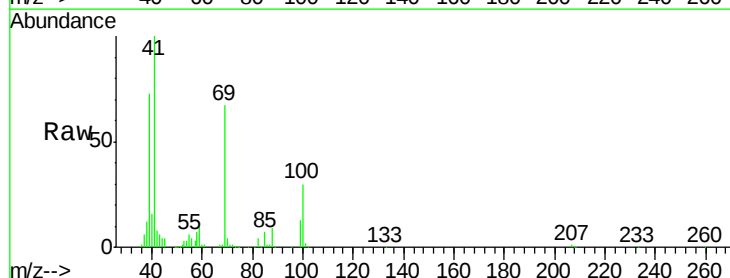
RT: 6.86 min Scan# 642

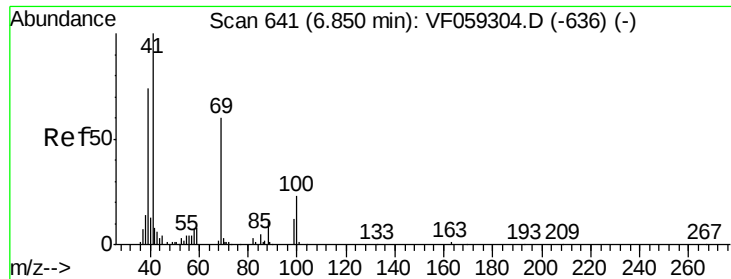
Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Tgt Ion:	41	Resp:	120797
Ion Ratio	Lower	Upper	
41	100		
69	67.3	57.3	85.9
39	73.5	64.4	96.6





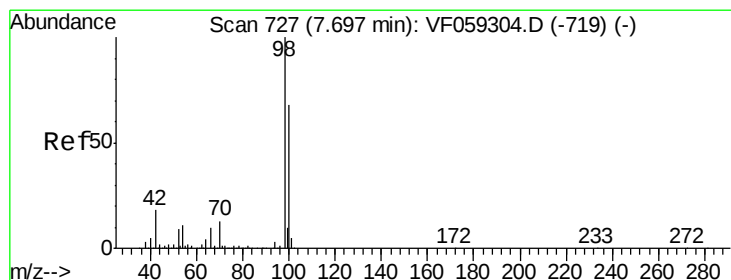
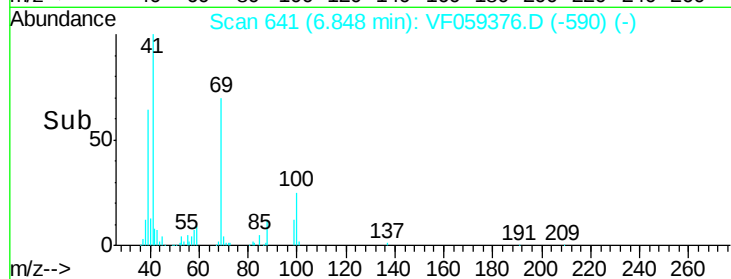
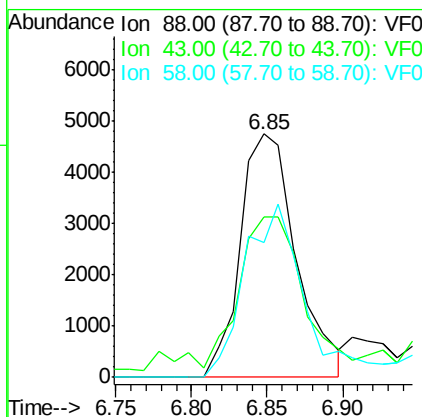
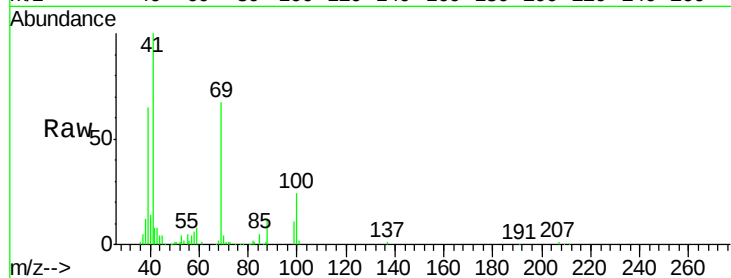
#49
1,4-Dioxane
Concen: 1056.79 ug/l
RT: 6.85 min Scan# 641
Delta R.T. -0.00 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	66.0	50.6	75.8
58	55.5	46.6	69.8

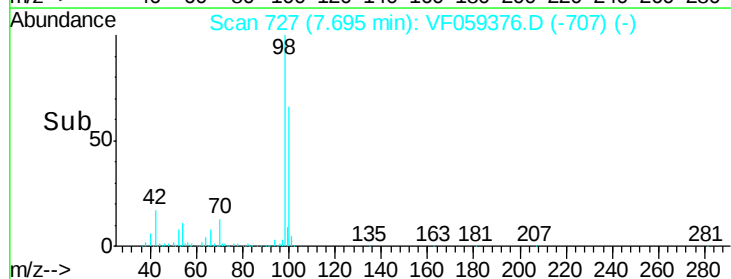
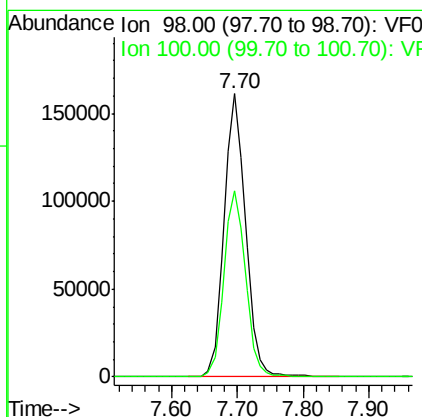
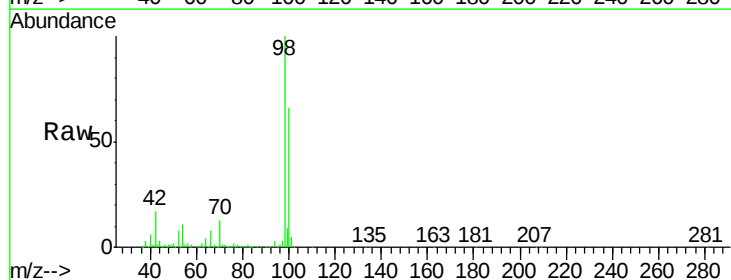
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#50
Toluene-d8
Concen: 45.90 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	54.6	82.0





#51

4-Methyl-2-Pentanone

Concen: 263.19 ug/l

RT: 8.40 min Scan# 798

Delta R.T. 0.01 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 633035

Ion Ratio Lower Upper

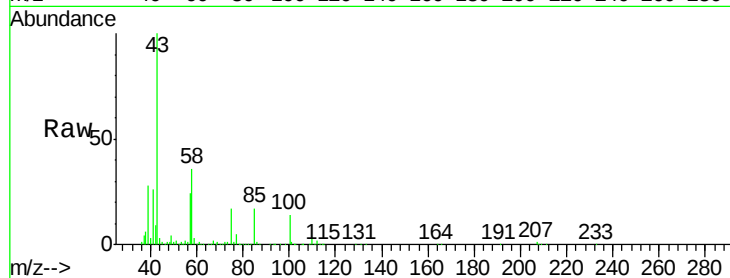
43 100

58 36.0 28.4 42.6

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.40

250000

200000

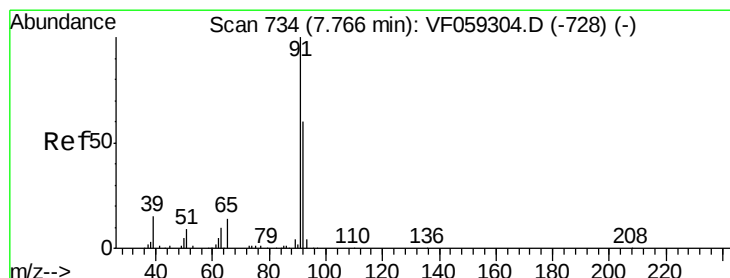
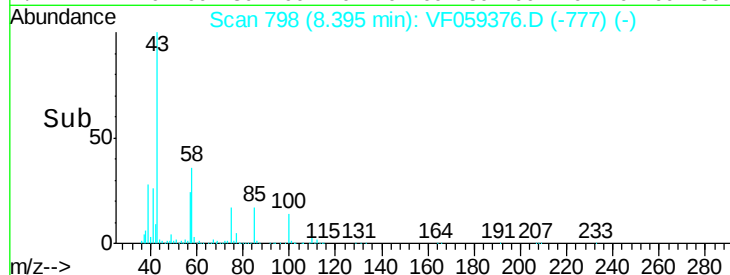
150000

100000

50000

0

Time--> 8.20 8.30 8.40 8.50 8.60



#52

Toluene

Concen: 46.86 ug/l

RT: 7.76 min Scan# 734

Delta R.T. -0.00 min

Lab File: VF059376.D

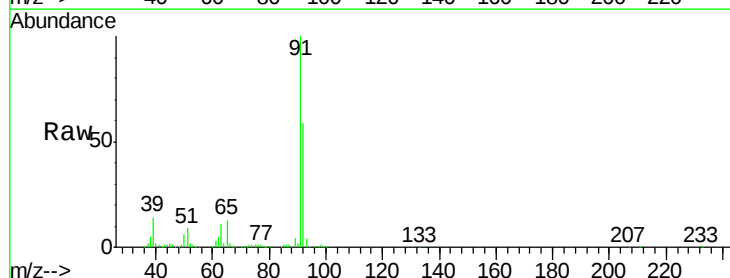
Acq: 29 Jun 2018 14:13

Tgt Ion: 92 Resp: 303022

Ion Ratio Lower Upper

92 100

91 169.0 132.8 199.2



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

250000

200000

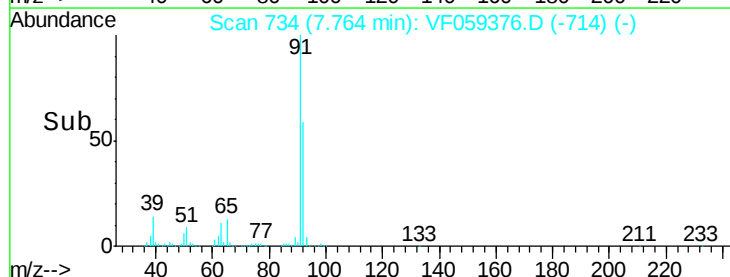
150000

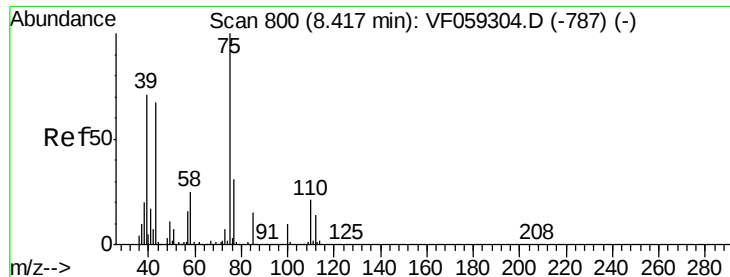
100000

50000

0

Time--> 7.60 7.70 7.80 7.90





#53

t-1,3-Dichloropropene

Concen: 48.88 ug/l

RT: 8.41 min Scan# 800

Delta R.T. -0.00 min

Lab File: VF059376.D

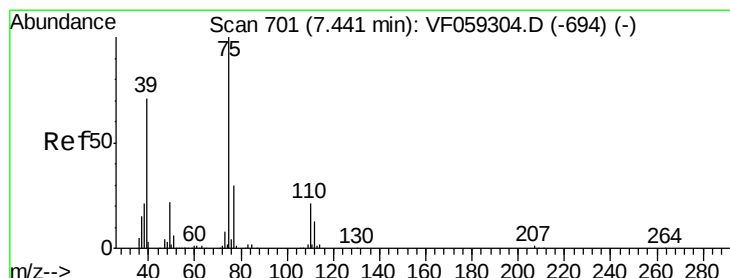
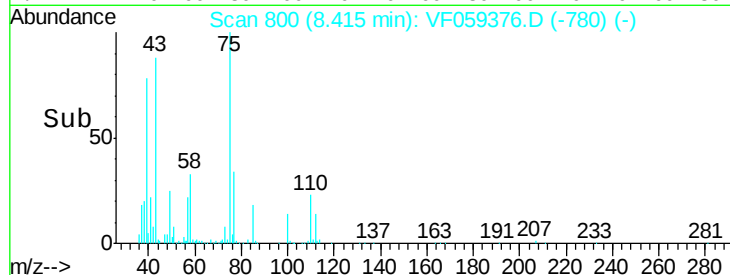
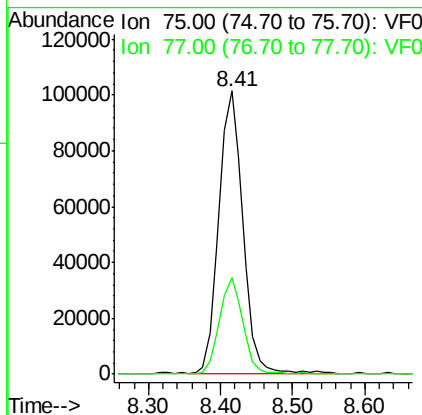
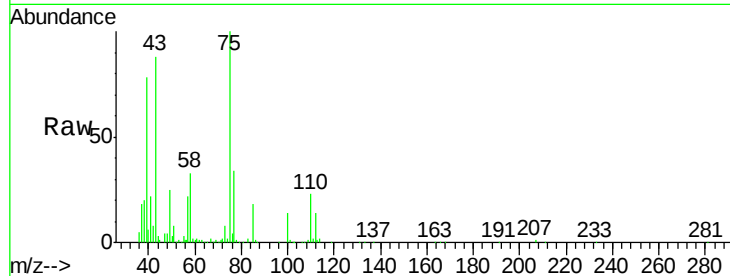
Acq: 29 Jun 2018 14:13

Tot Ion	Ratio	Lower	Upper
75	100		
77	34.3	25.3	37.9

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

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#54

cis-1,3-Dichloropropene

Concen: 50.27 ug/l

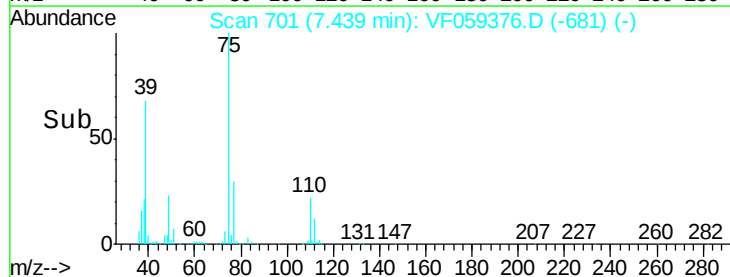
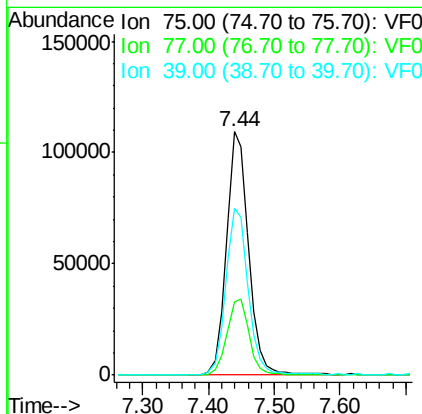
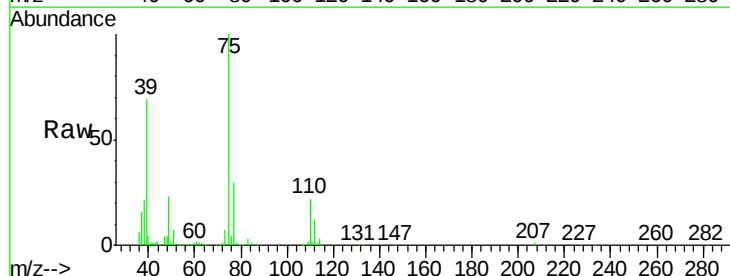
RT: 7.44 min Scan# 701

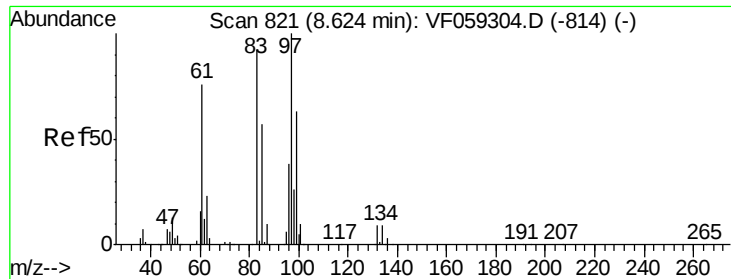
Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.1	24.3	36.5
39	68.6	57.2	85.8





#55

1,1,2-Trichloroethane

Concen: 49.77 ug/l

RT: 8.62 min Scan# 821

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

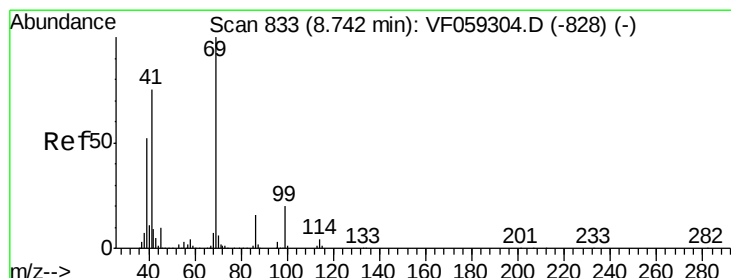
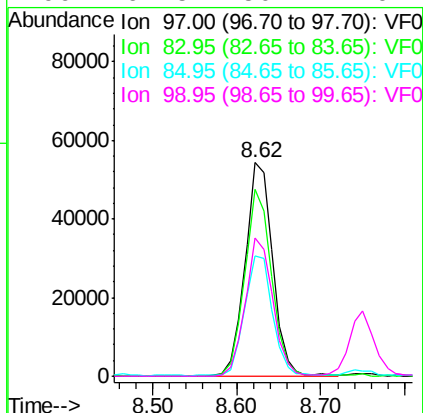
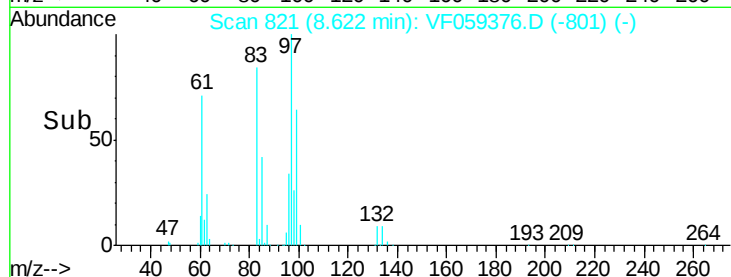
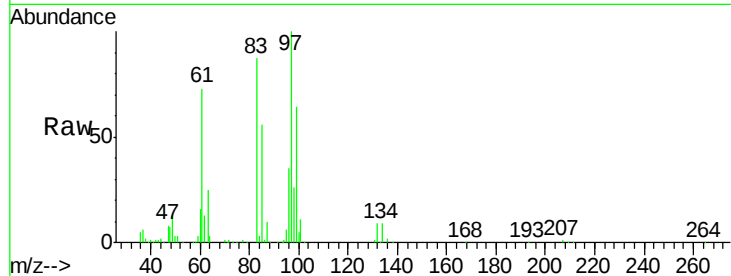
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	124972
Ion Ratio	Lower	Upper	
97	100		
83	87.3	73.8	110.8
85	56.4	45.5	68.3
99	64.5	50.7	76.1

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#56

Ethyl methacrylate

Concen: 51.21 ug/l

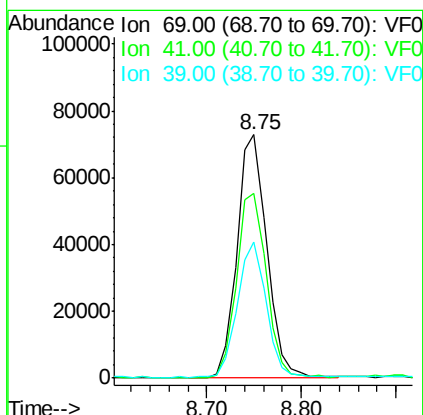
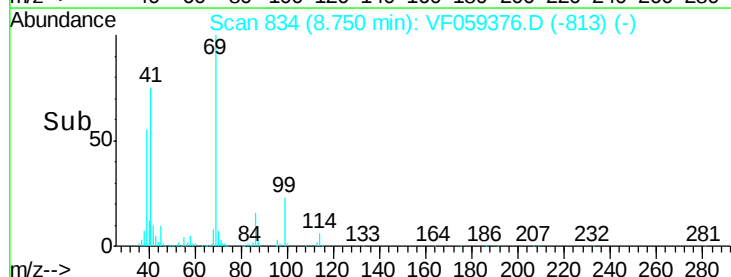
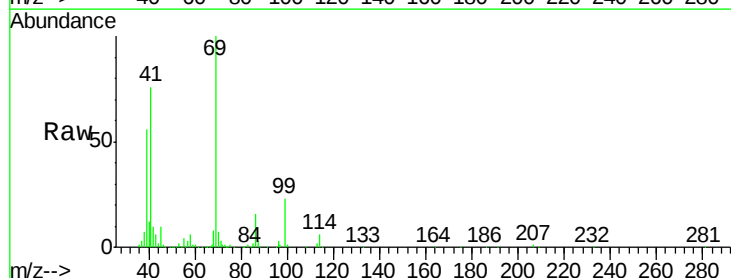
RT: 8.75 min Scan# 834

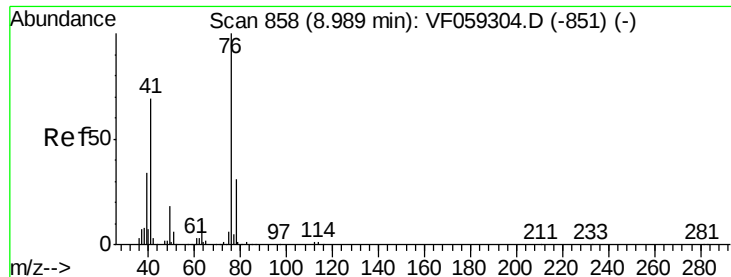
Delta R.T. 0.01 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Tgt Ion:	69	Resp:	159275
Ion Ratio	Lower	Upper	
69	100		
41	75.9	60.3	90.5
39	55.7	42.2	63.4





#57

1,3-Dichloropropane

Concen: 49.49 ug/l

RT: 8.99 min Scan# 858

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 213096

Ion Ratio Lower Upper

76 100

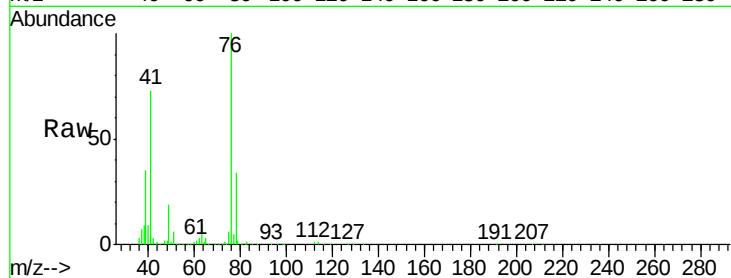
78 34.2 24.9 37.3

Manual Integrations

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Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

8.99

100000

80000

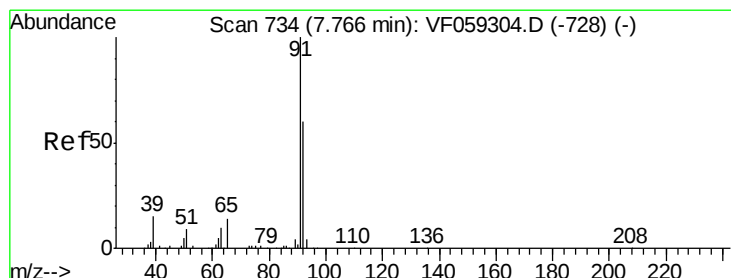
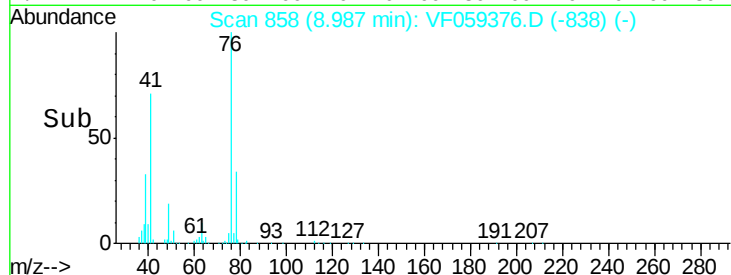
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 235.16 ug/l

RT: 7.76 min Scan# 734

Delta R.T. -0.00 min

Lab File: VF059376.D

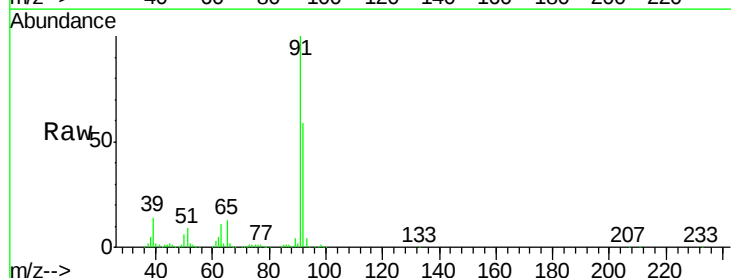
Acq: 29 Jun 2018 14:13

Tgt Ion: 63 Resp: 54855

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

7.76

30000

25000

20000

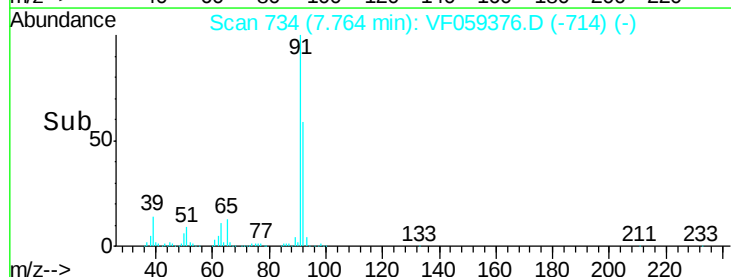
15000

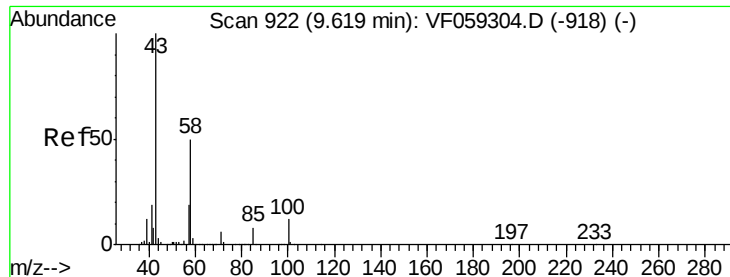
10000

5000

0

Time-->





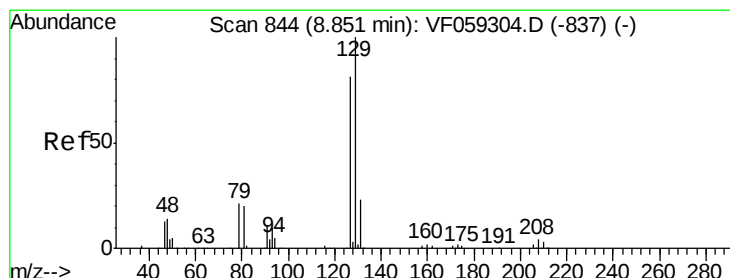
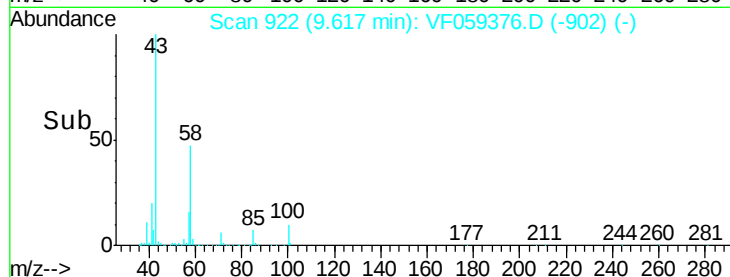
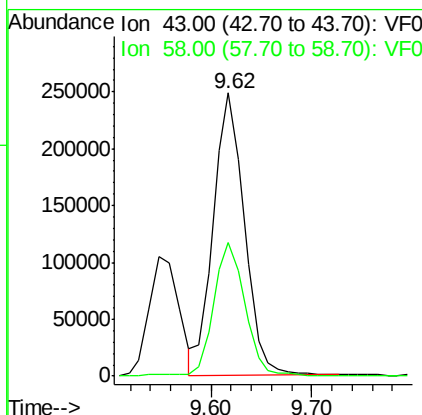
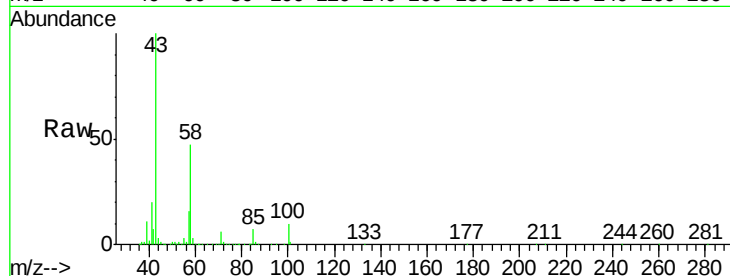
#59
2-Hexanone
Concen: 299.33 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.00 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	47.4	23.3	69.9

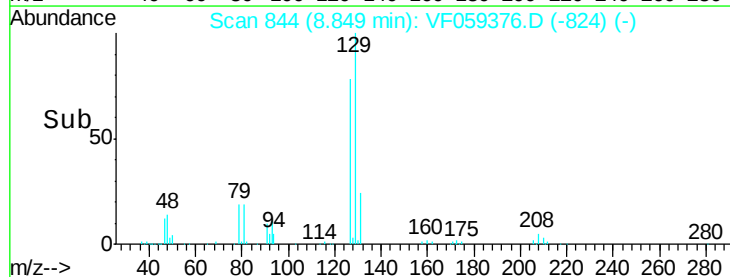
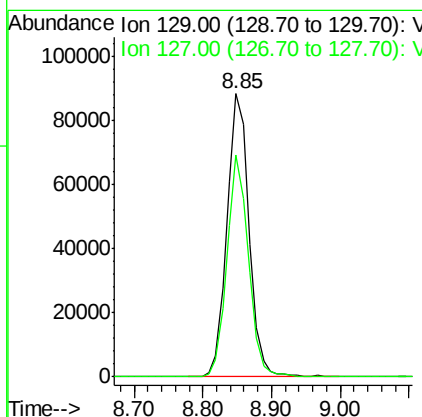
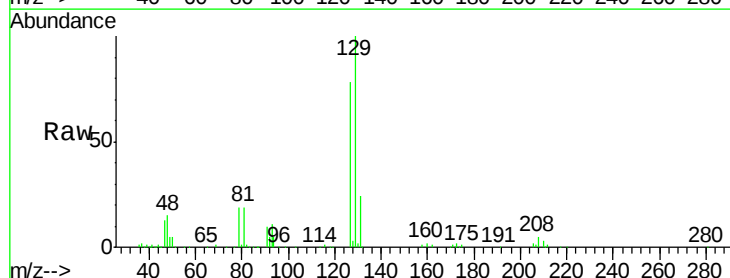
Manual Integrations
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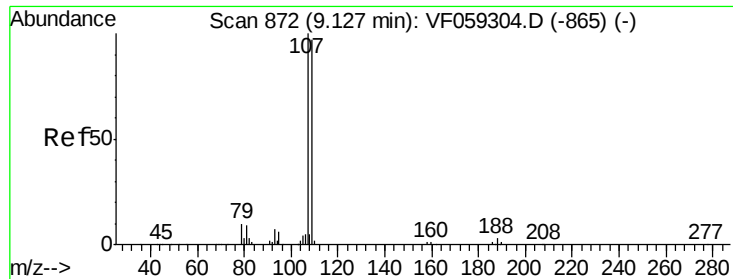
apatel
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#60
Dibromochloromethane
Concen: 50.54 ug/l
RT: 8.85 min Scan# 844
Delta R.T. -0.00 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.3	40.7	122.1





#61

1,2-Dibromoethane

Concen: 48.57 ug/l

RT: 9.12 min Scan# 872

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 147884

Ion Ratio Lower Upper

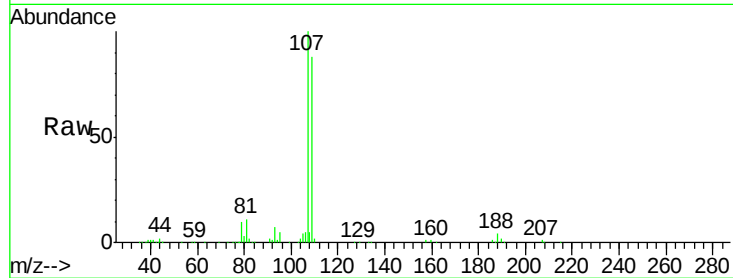
107 100

109 88.2 77.3 115.9

Manual Integrations
APPROVED

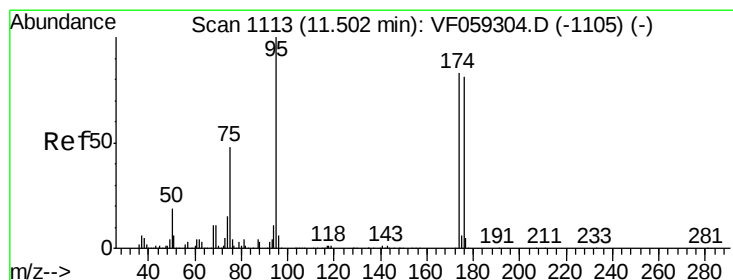
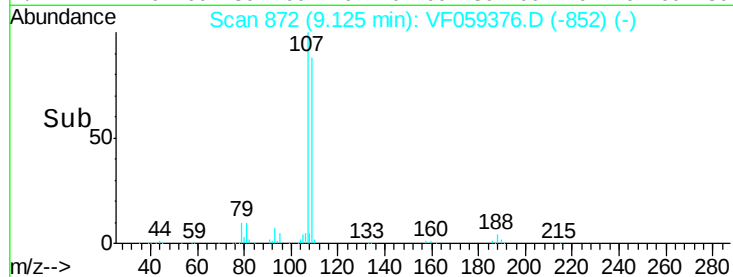
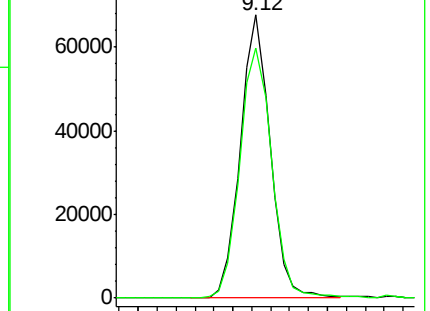
apatel

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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: 44.86 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

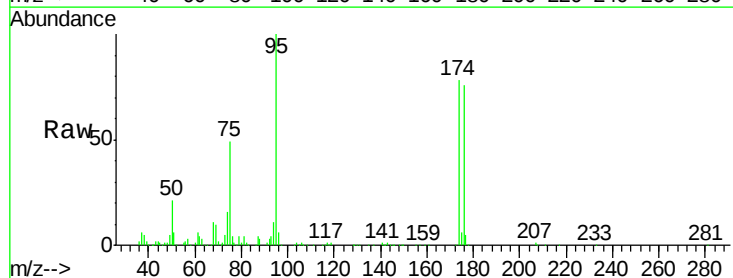
Tgt Ion: 95 Resp: 204257

Ion Ratio Lower Upper

95 100

174 77.6 0.0 165.2

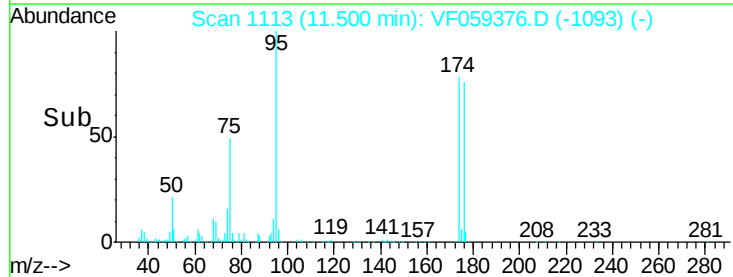
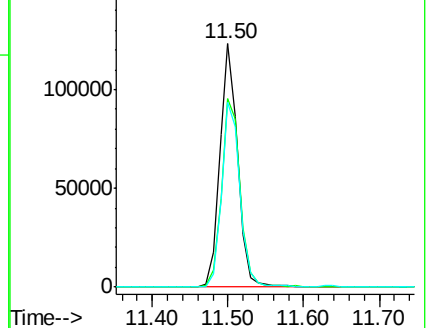
176 75.9 0.0 161.0

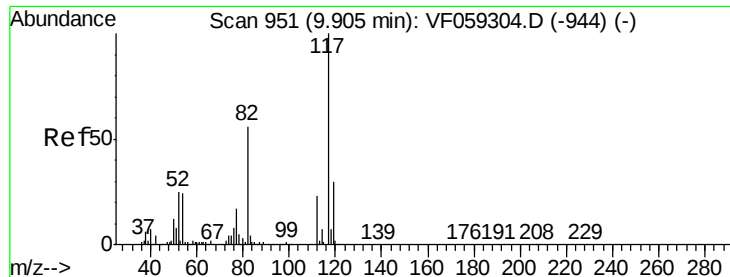


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





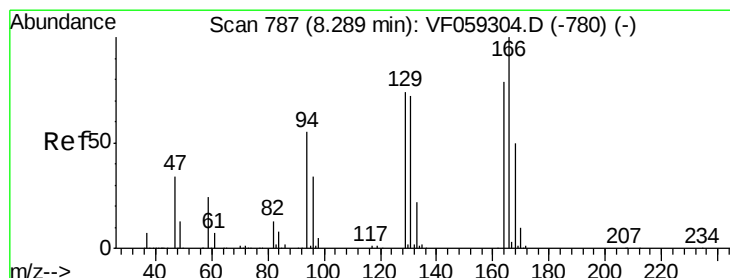
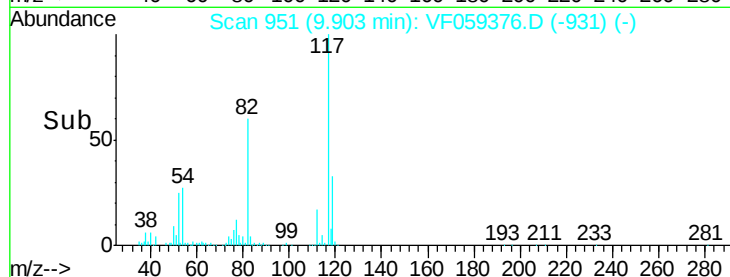
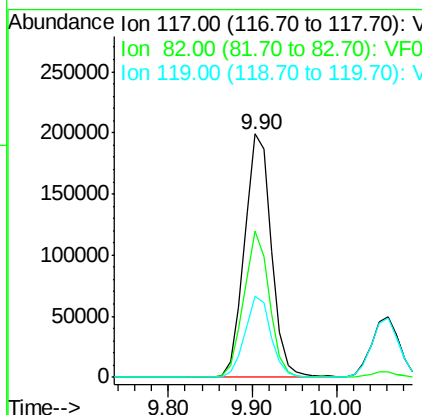
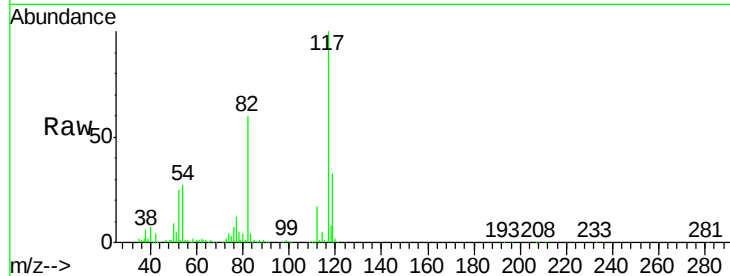
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	44.6	66.8
119	33.3	24.1	36.1

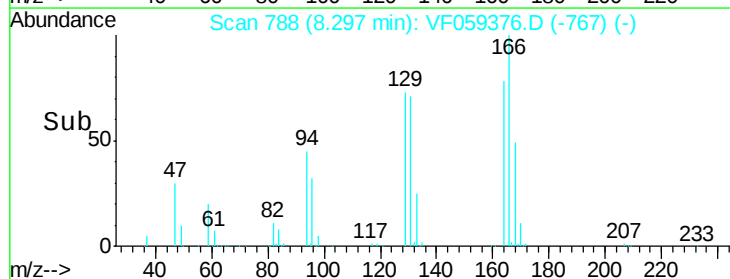
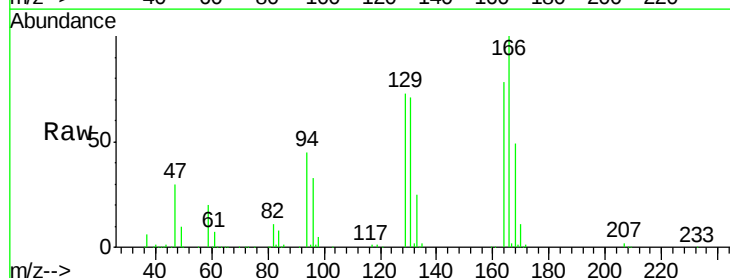
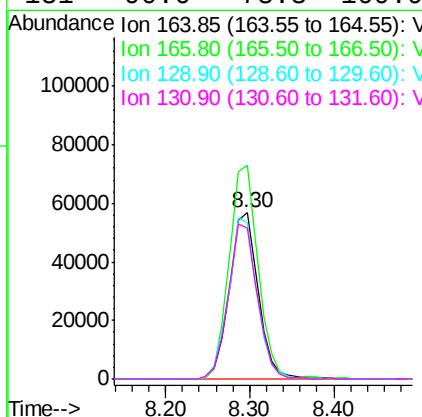
Manual Integrations
APPROVED

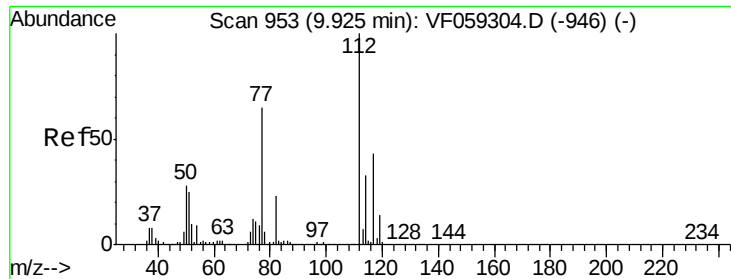
apatel
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#64
Tetrachloroethene
Concen: 46.76 ug/l
RT: 8.30 min Scan# 788
Delta R.T. 0.01 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	101.1	151.7
129	94.3	75.0	112.4
131	90.6	73.3	109.9





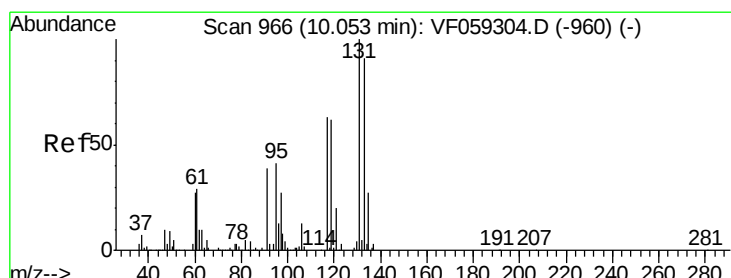
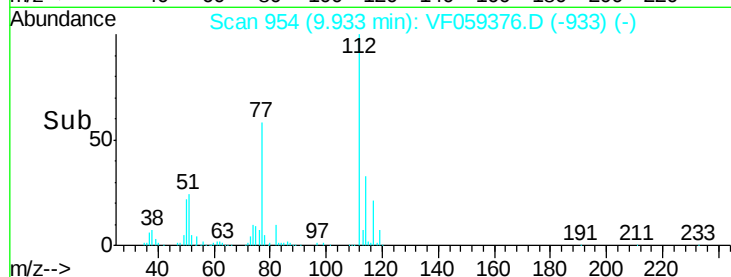
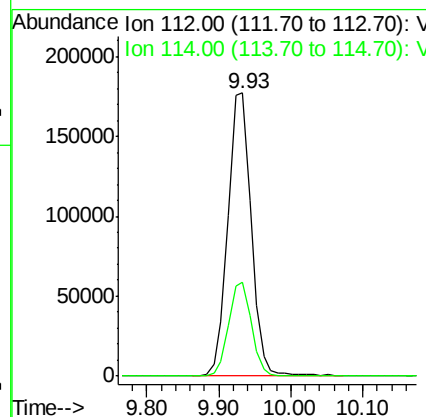
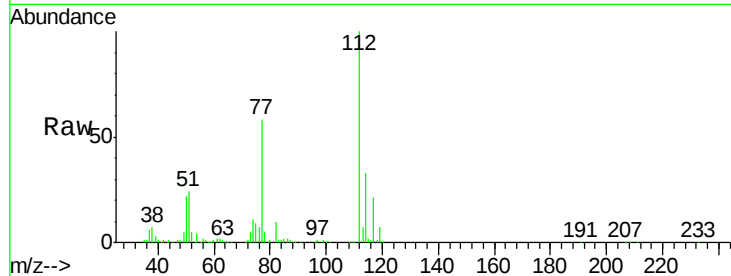
#65
Chlorobenzene
Concen: 48.35 ug/l
RT: 9.93 min Scan# 954
Delta R.T. 0.01 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	26.5	39.7

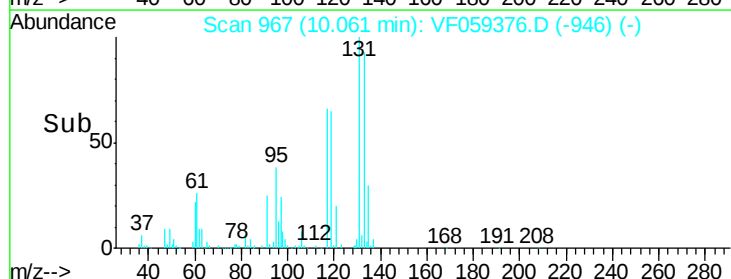
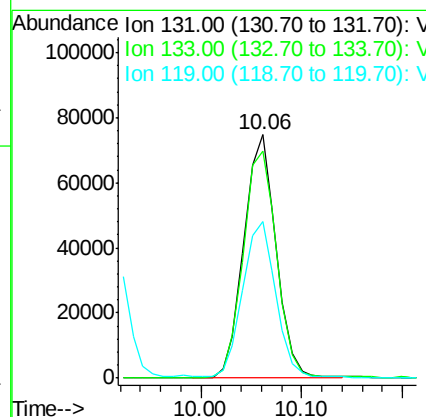
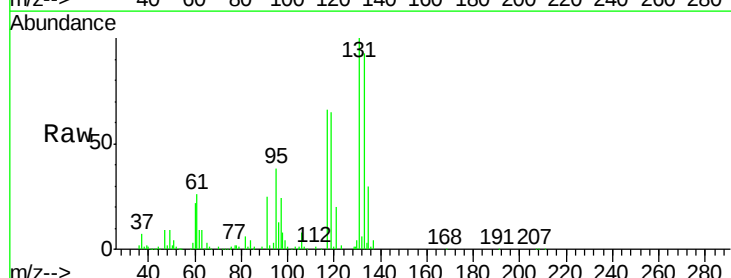
Manual Integrations
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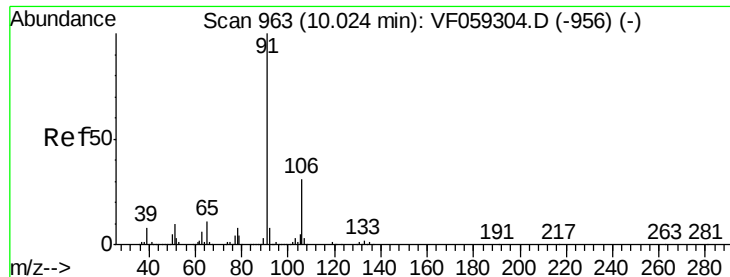
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.64 ug/l
RT: 10.06 min Scan# 967
Delta R.T. 0.01 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.1	45.3	135.9
119	64.5	31.3	93.9





#67

Ethyl Benzene

Concen: 48.15 ug/l

RT: 10.03 min Scan# 964

Delta R.T. 0.01 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 674797

Ion Ratio Lower Upper

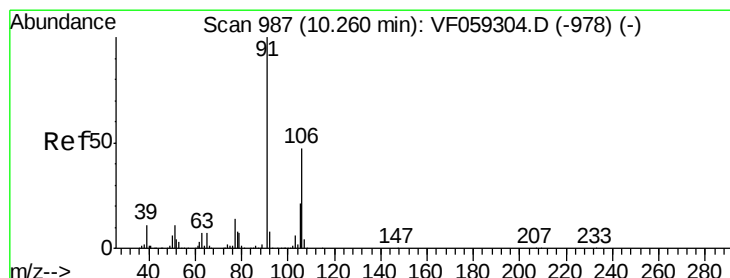
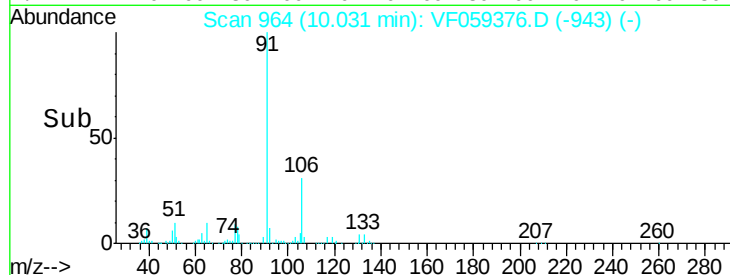
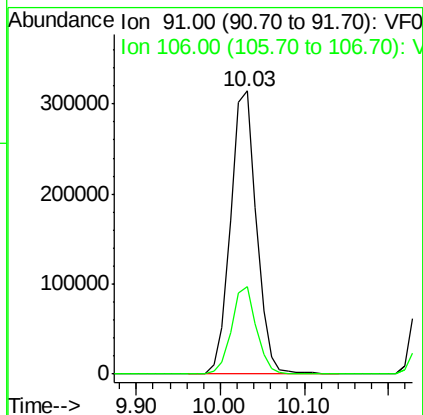
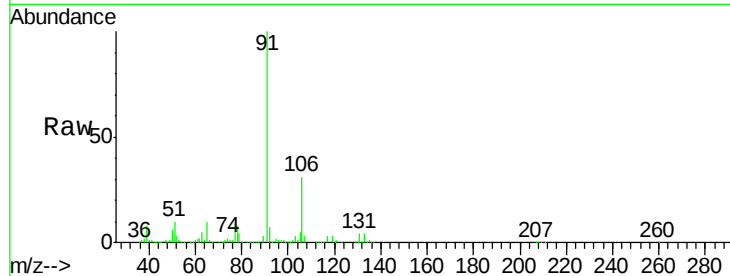
91 100

106 30.9 24.8 37.2

Manual Integrations
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#68

m/p-Xylenes

Concen: 96.29 ug/l

RT: 10.26 min Scan# 987

Delta R.T. -0.00 min

Lab File: VF059376.D

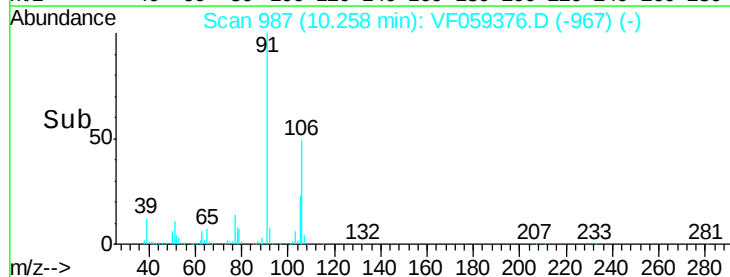
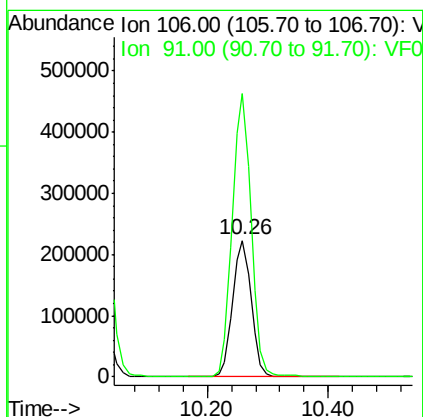
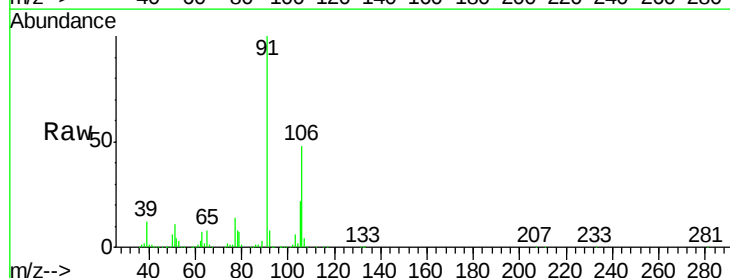
Acq: 29 Jun 2018 14:13

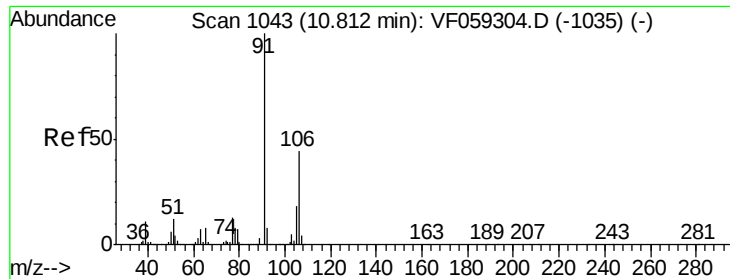
Tgt Ion: 106 Resp: 480290

Ion Ratio Lower Upper

106 100

91 207.5 170.8 256.2





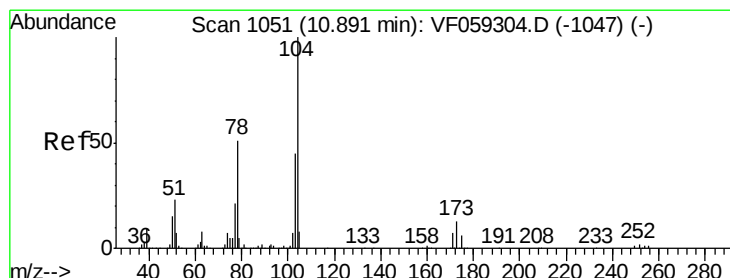
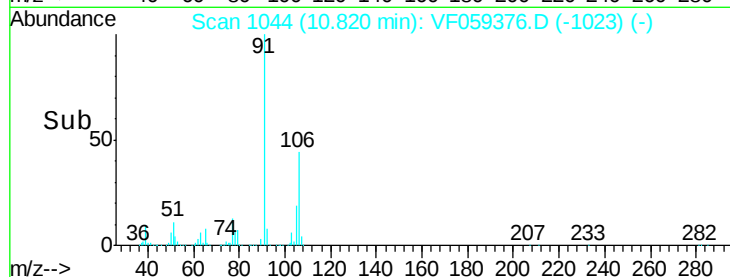
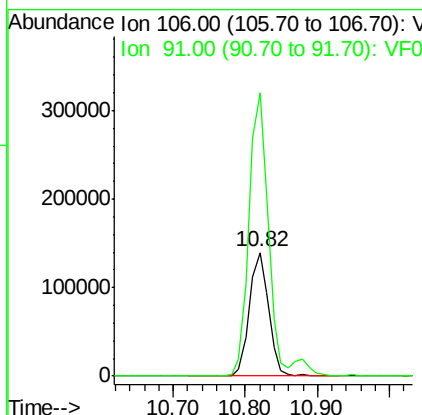
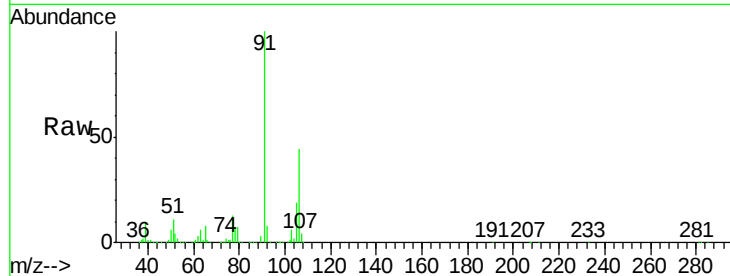
#69
o-Xylene
Concen: 47.13 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. 0.01 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	229.1	114.6	343.6

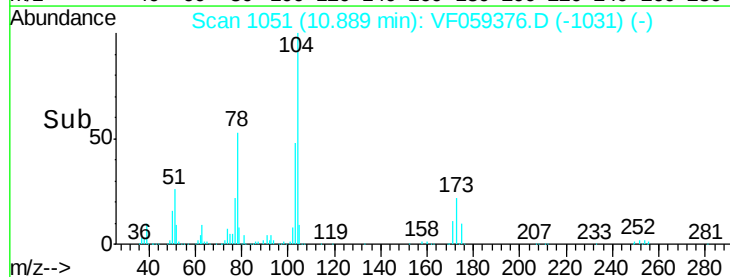
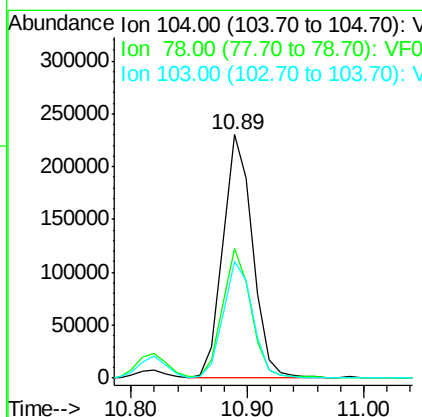
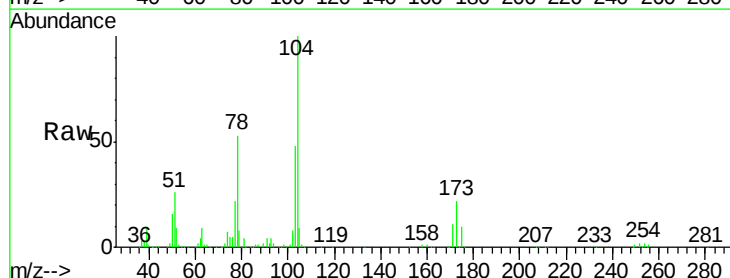
Manual Integrations
APPROVED

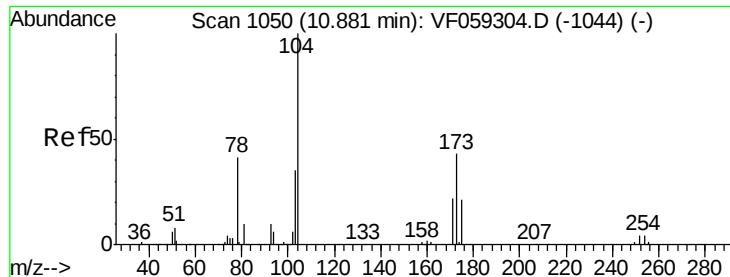
apatel
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#70
Styrene
Concen: 47.55 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.2	40.9	61.3
103	48.0	36.5	54.7





#71

Bromoform

Concen: 51.65 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

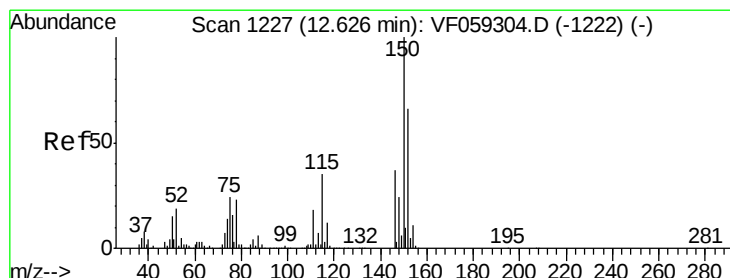
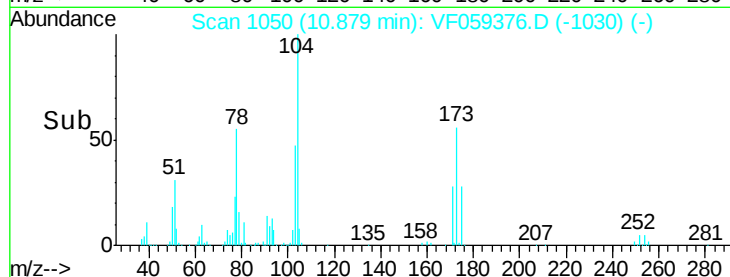
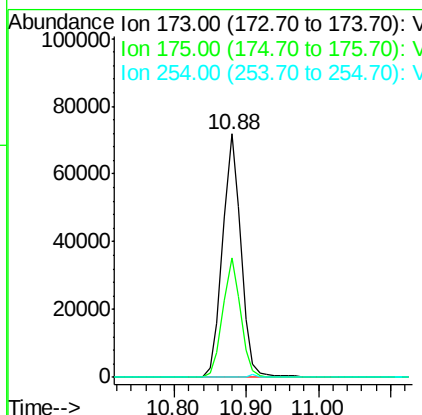
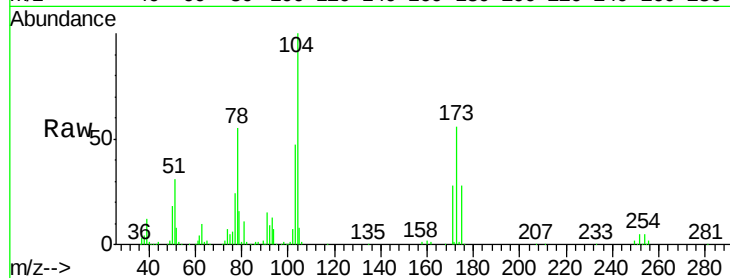
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.8	74.3
254	0.3	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

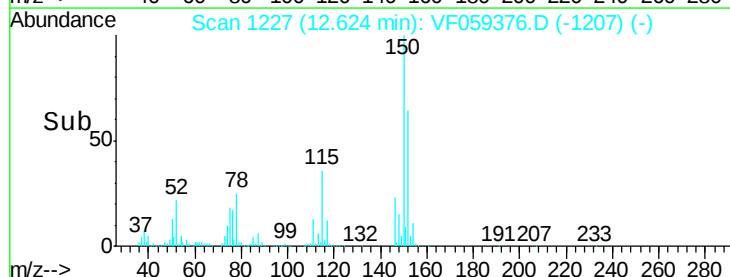
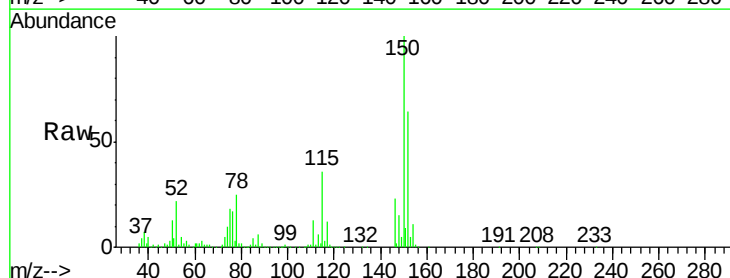
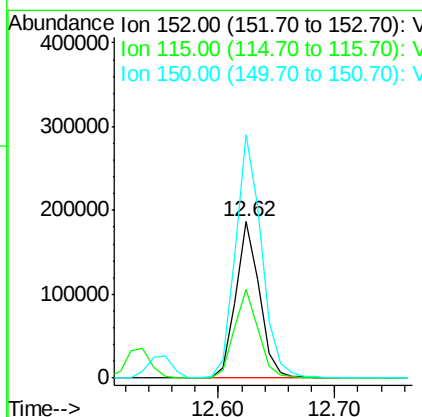
RT: 12.62 min Scan# 1227

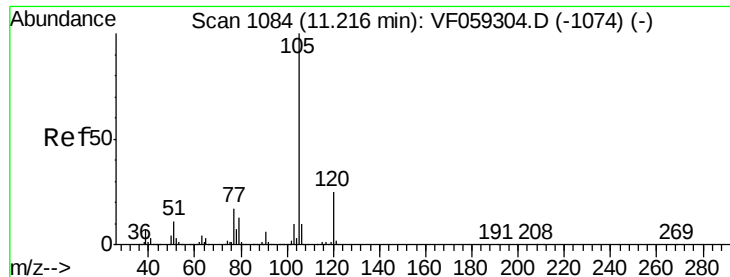
Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	27.1	81.3
150	155.6	0.0	305.2





#73

Isopropylbenzene

Concen: 50.33 ug/l

RT: 11.21 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 777158

Ion Ratio Lower Upper

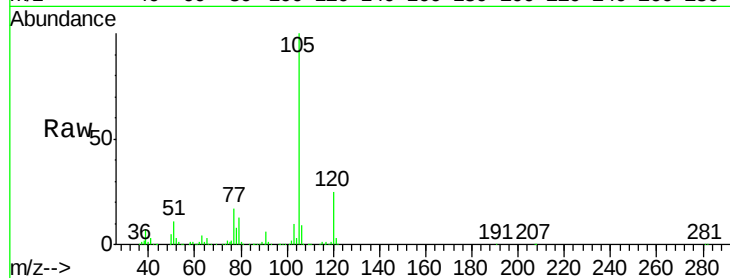
105 100

120 25.0 12.3 36.8

Manual Integrations
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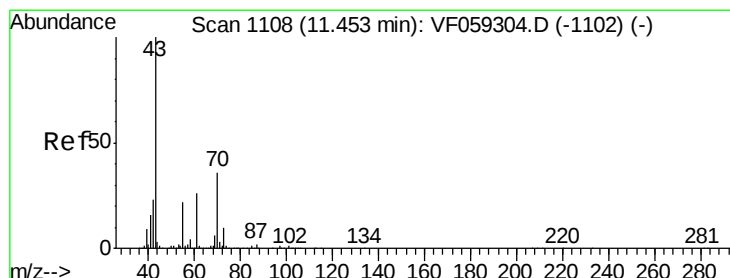
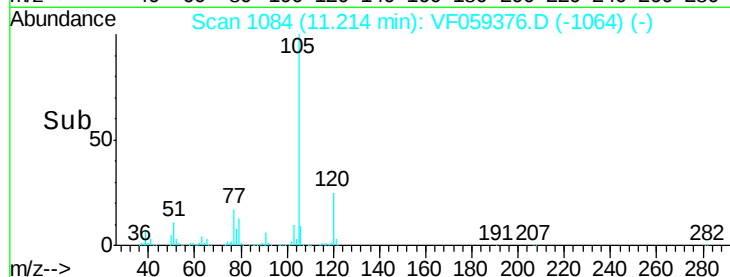
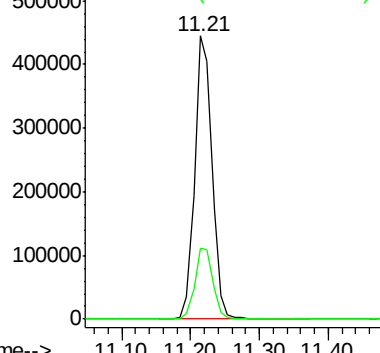
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.08 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Tgt Ion: 43 Resp: 297401

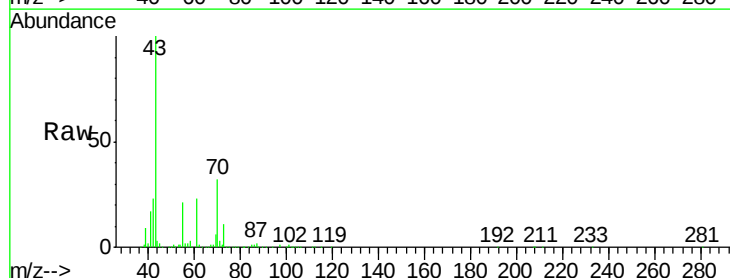
Ion Ratio Lower Upper

43 100

70 32.3 28.8 43.2

55 21.5 17.4 26.0

61 22.7 21.1 31.7

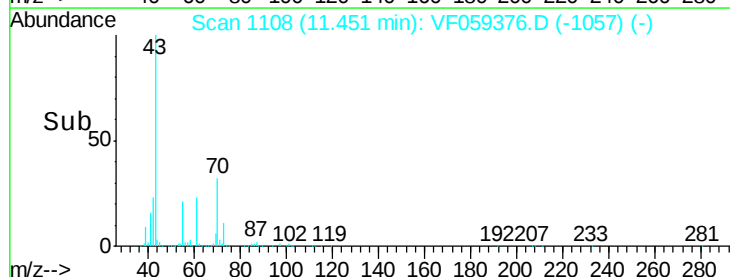
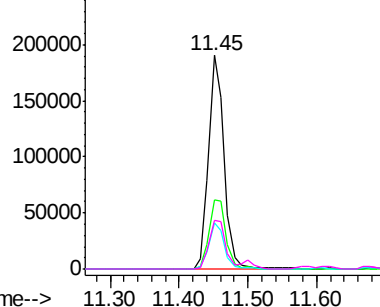


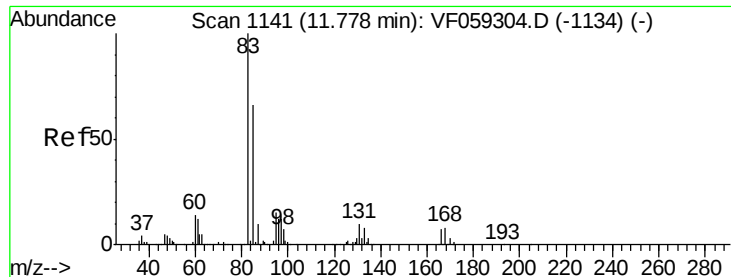
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.01 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 195003
Ion Ratio Lower Upper

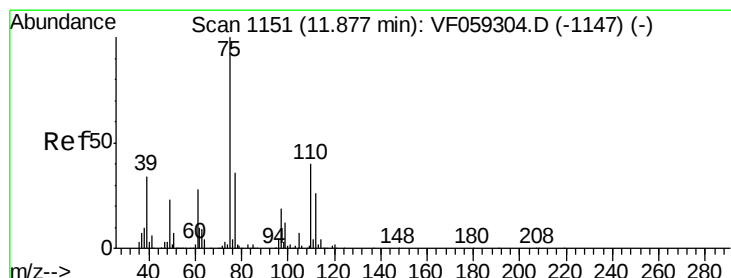
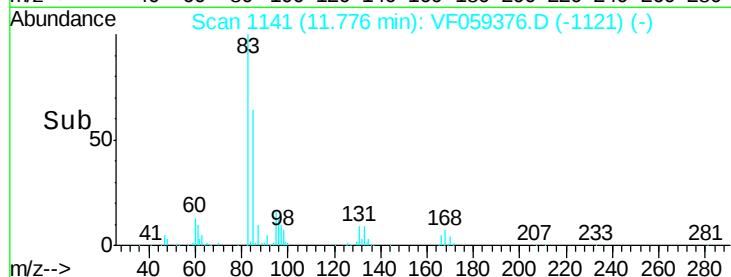
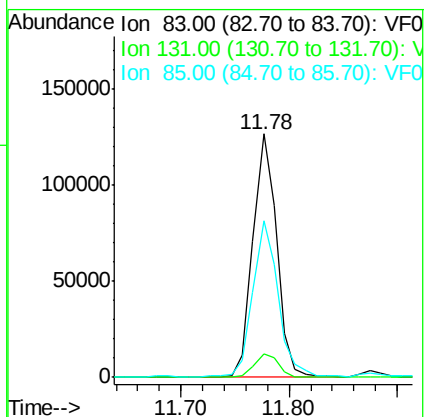
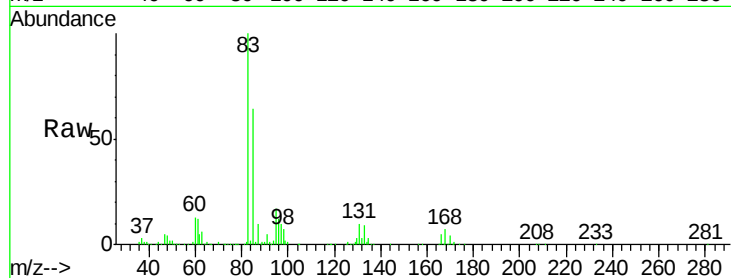
83 100

131 9.7 4.9 14.6

85 64.4 32.8 98.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.99 ug/l

RT: 11.87 min Scan# 1151

Delta R.T. -0.00 min

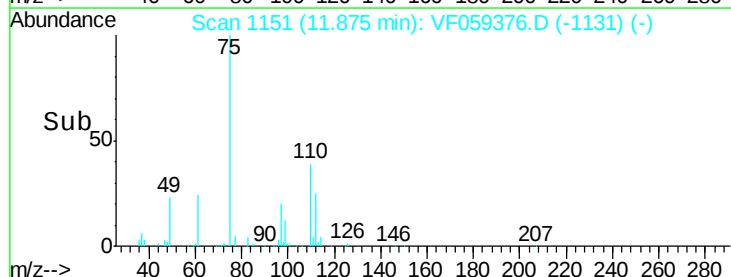
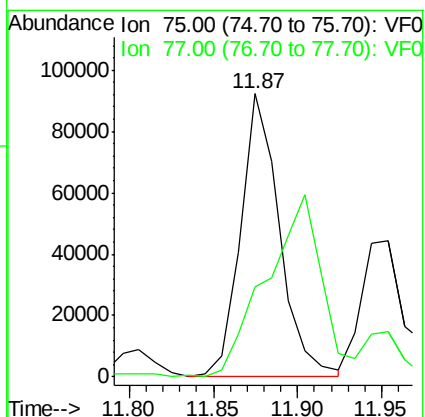
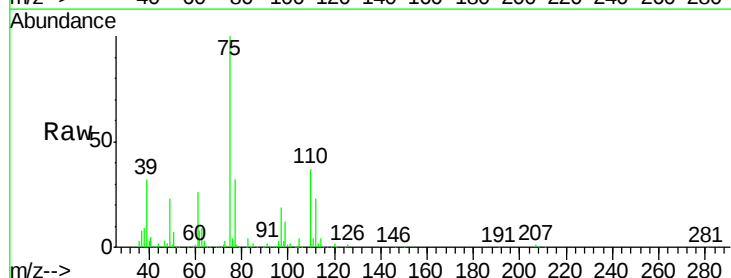
Lab File: VF059376.D

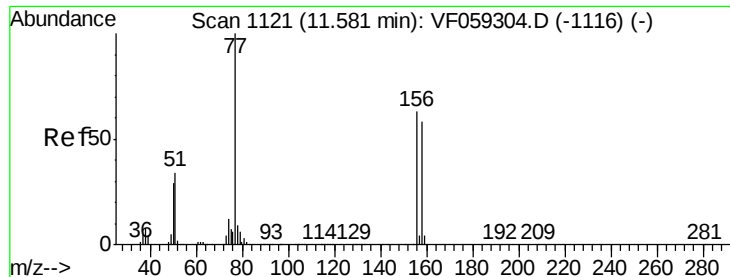
Acq: 29 Jun 2018 14:13

Tgt Ion: 75 Resp: 147050
Ion Ratio Lower Upper

75 100

77 31.9 18.0 54.0





#77

Bromobenzene

Concen: 47.81 ug/l

RT: 11.59 min Scan# 1122

Delta R.T. 0.01 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

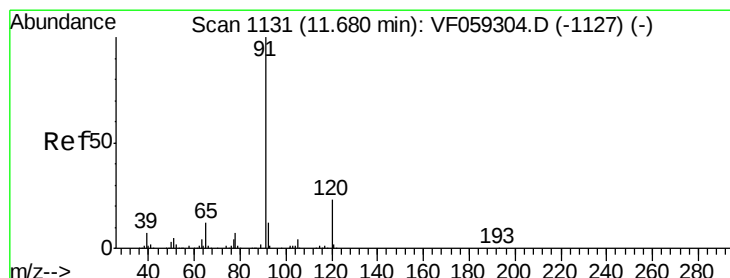
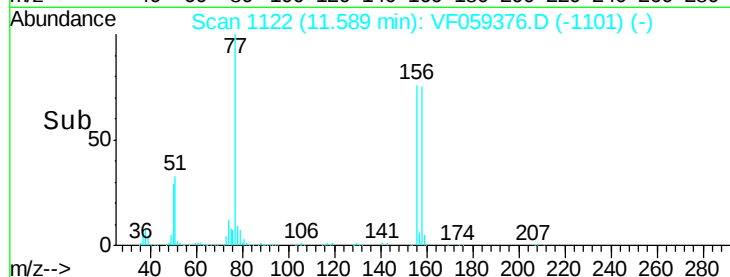
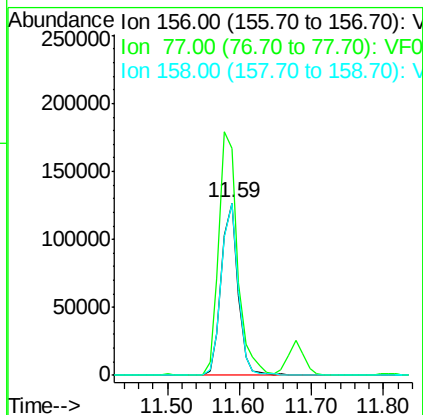
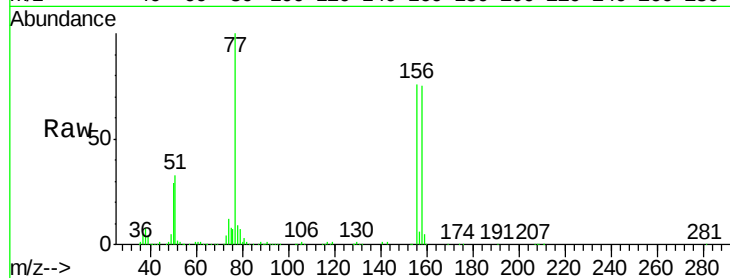
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	204791
Ion Ratio	Lower	Upper	
156	100		
77	132.2	79.7	238.9
158	99.6	46.2	138.6

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#78

n-propylbenzene

Concen: 48.82 ug/l

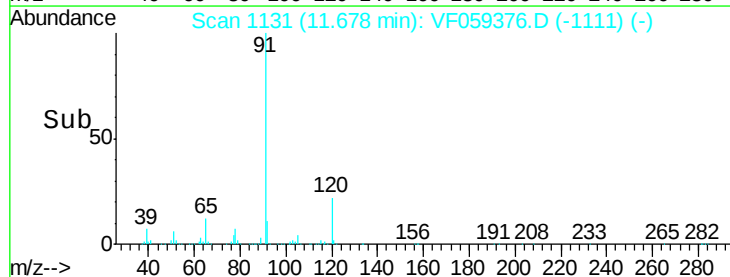
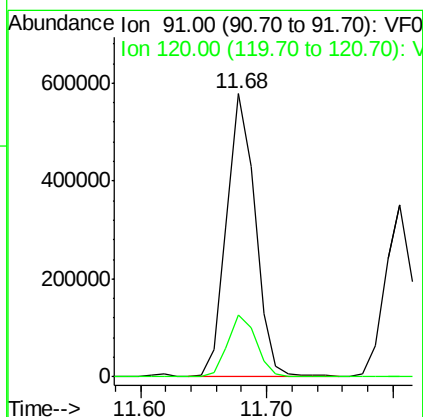
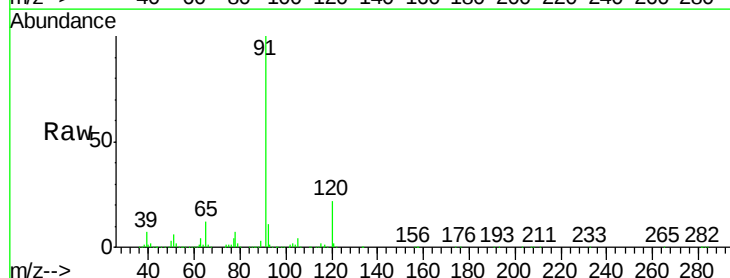
RT: 11.68 min Scan# 1131

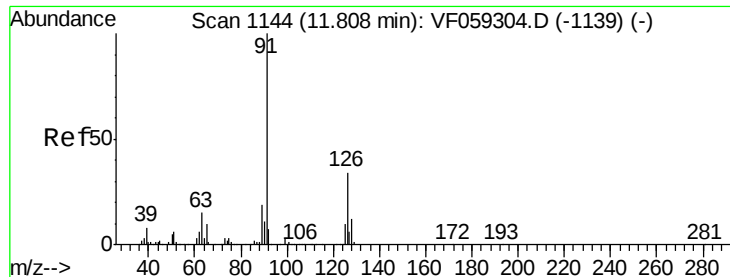
Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Tgt Ion:	91	Resp:	905326
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.7	35.0





#79

2-Chlorotoluene

Concen: 47.07 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 533311

Ion Ratio Lower Upper

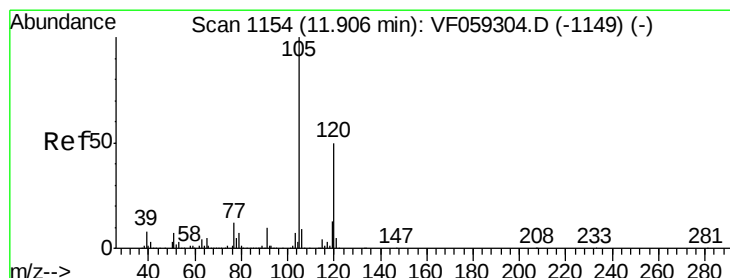
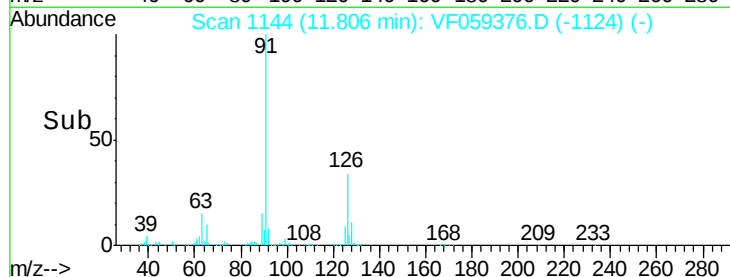
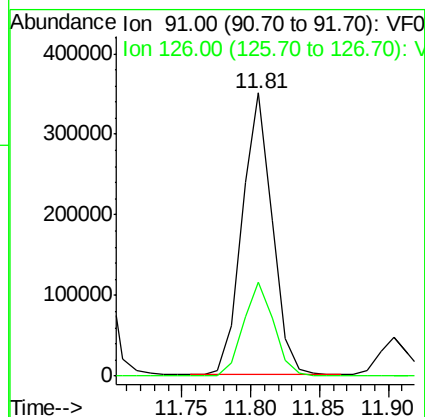
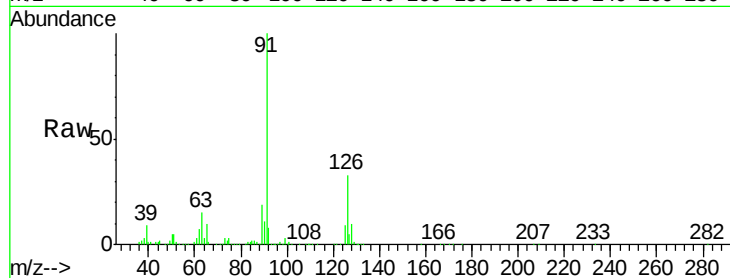
91 100

126 33.4 17.2 51.5

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#80

1,3,5-Trimethylbenzene

Concen: 48.23 ug/l

RT: 11.90 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VF059376.D

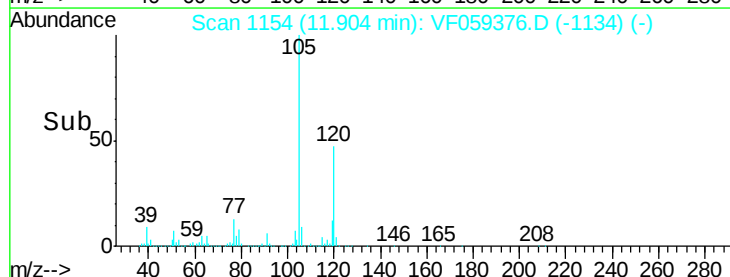
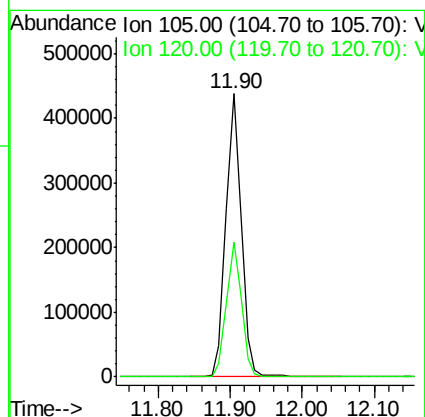
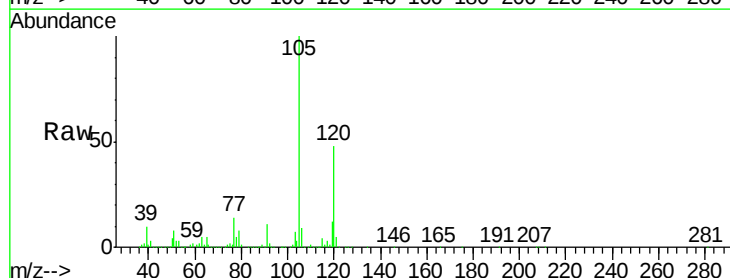
Acq: 29 Jun 2018 14:13

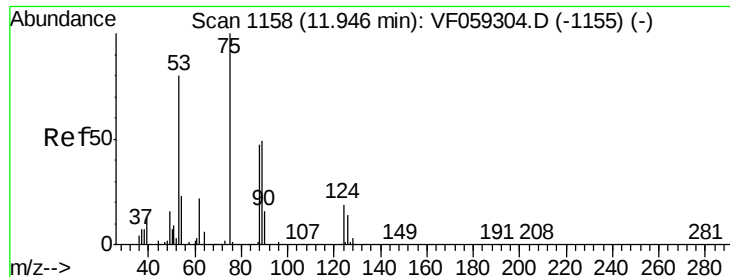
Tgt Ion: 105 Resp: 652311

Ion Ratio Lower Upper

105 100

120 47.7 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 52.75 ug/l

RT: 11.95 min Scan# 1159

Delta R.T. 0.01 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

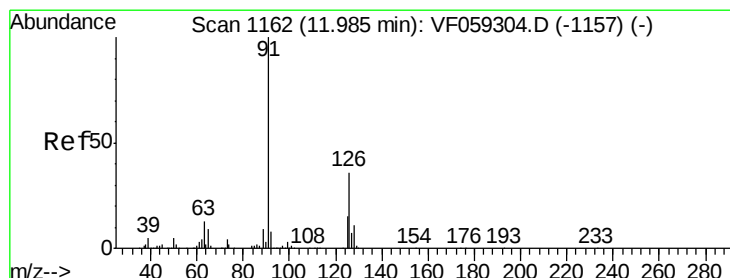
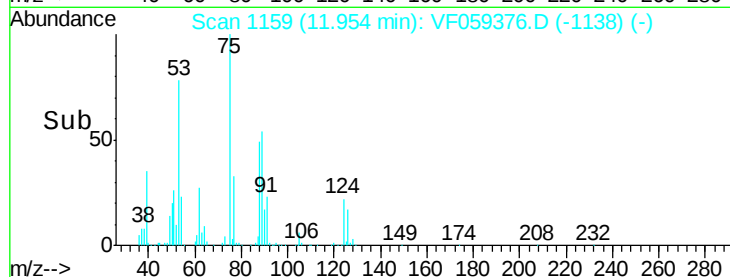
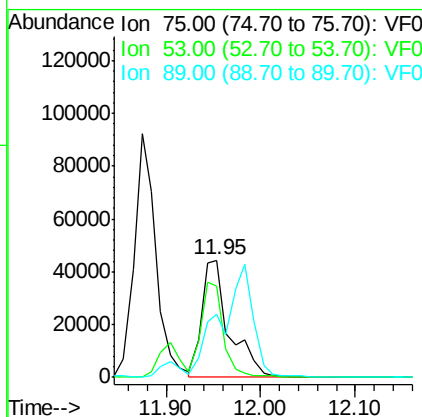
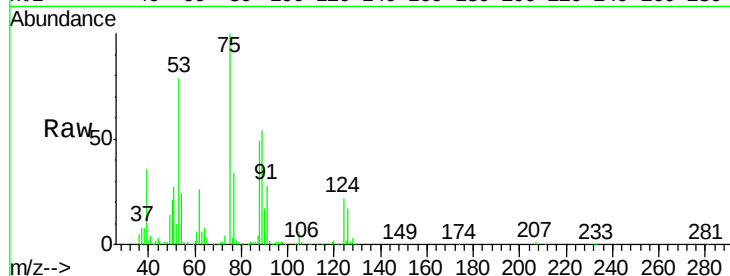
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	92354
Ion	Ratio	Lower	Upper
75	100		
53	78.5	68.8	103.2
89	54.3	42.0	63.0

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#82

4-Chlorotoluene

Concen: 48.59 ug/l

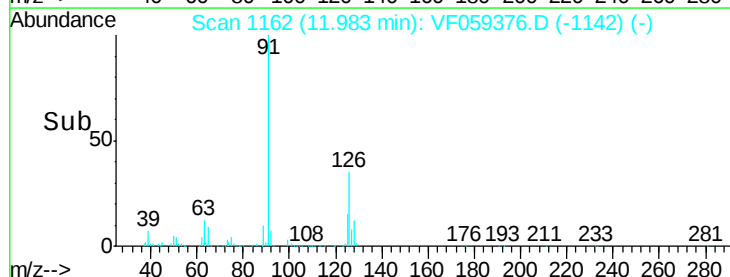
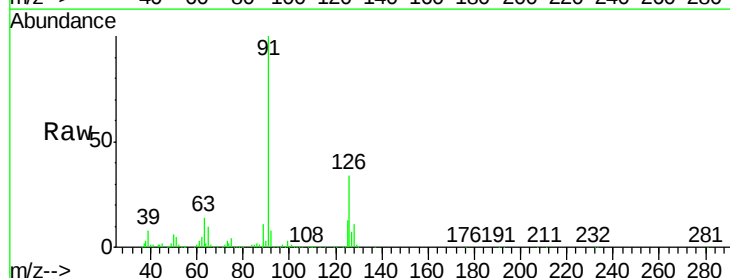
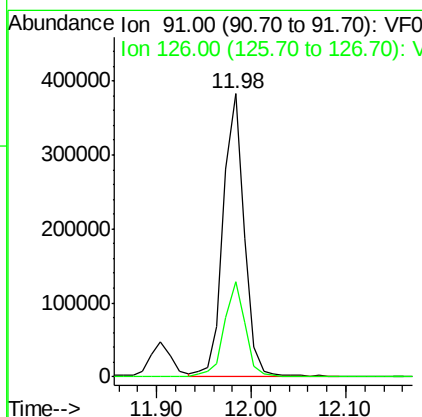
RT: 11.98 min Scan# 1162

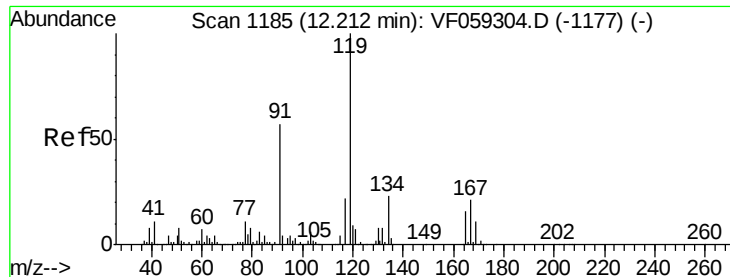
Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Tgt Ion:	91	Resp:	589631
Ion	Ratio	Lower	Upper
91	100		
126	33.8	18.2	54.6





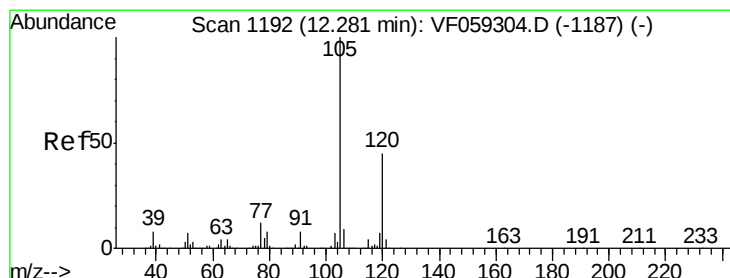
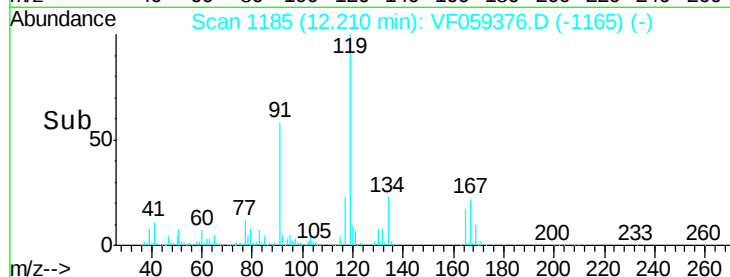
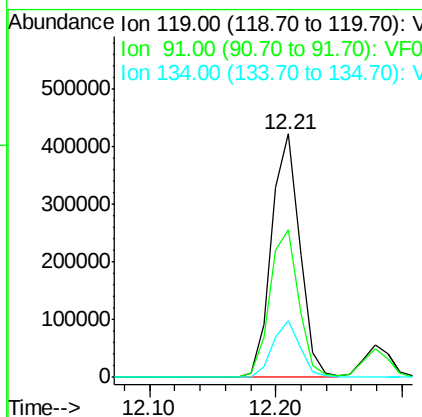
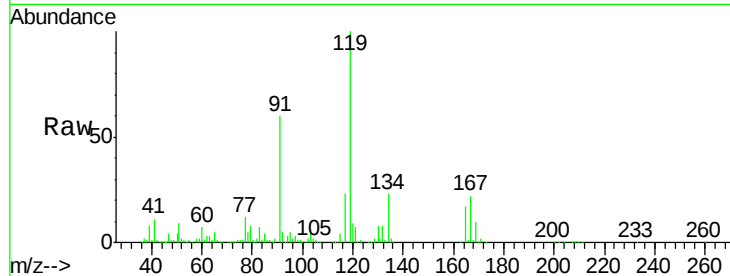
#83
 tert-Butylbenzene
 Concen: 48.77 ug/l
 RT: 12.21 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: VF059376.D
 Acq: 29 Jun 2018 14:13

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	659696		
91	60.4	28.4	85.2	
134	23.1	11.7	35.1	

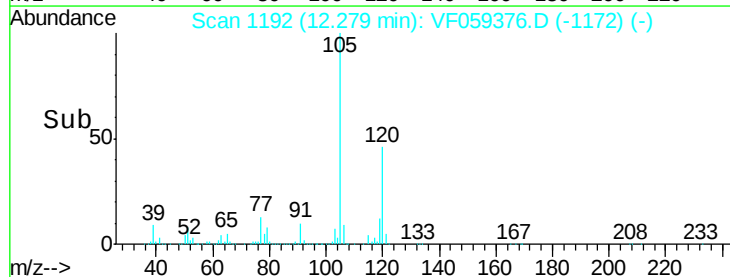
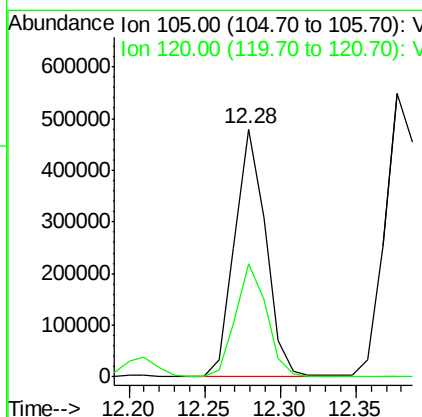
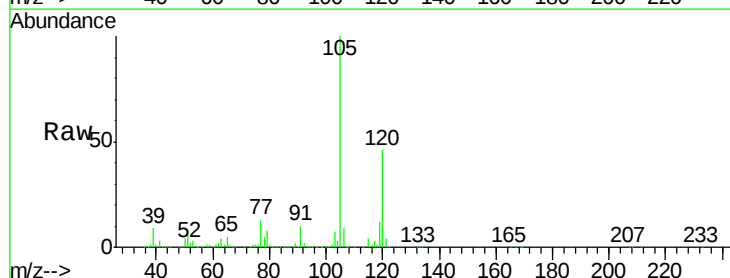
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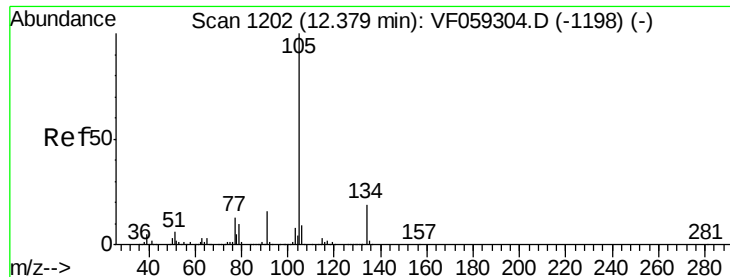
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.11 ug/l
 RT: 12.28 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: VF059376.D
 Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	685256		
120	45.5	22.8	68.4	





#85

sec-Butylbenzene

Concen: 47.46 ug/l

RT: 12.38 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 850973

Ion Ratio Lower Upper

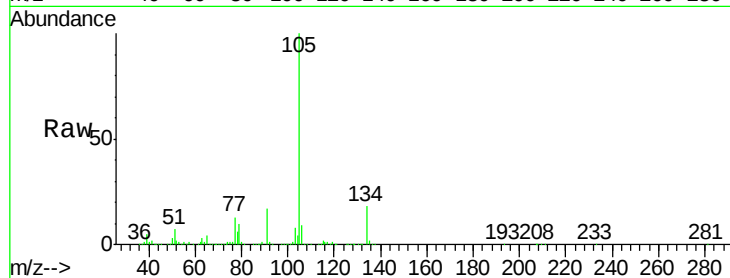
105 100

134 18.4 9.4 28.3

Manual Integrations
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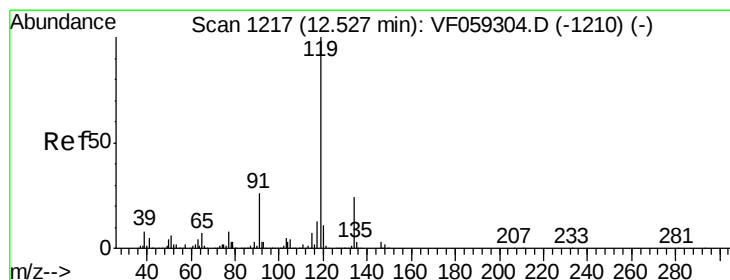
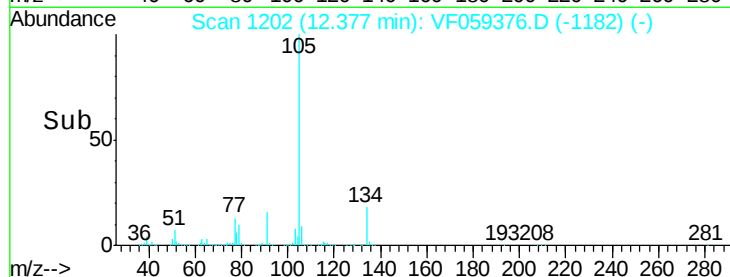
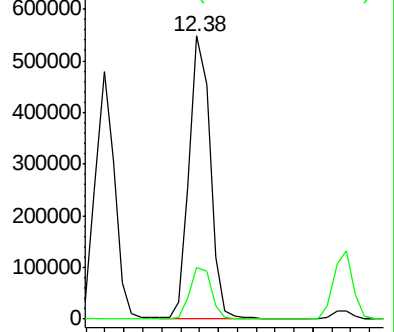
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.86 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VF059376.D

Acq: 29 Jun 2018 14:13

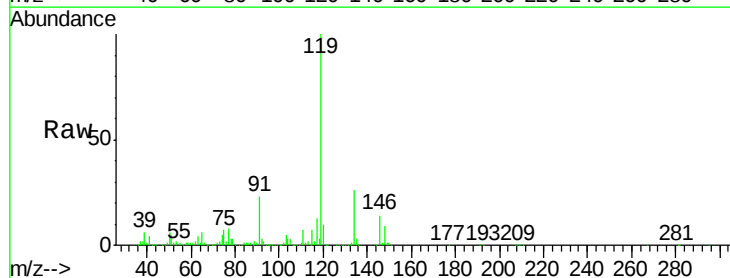
Tgt Ion:119 Resp: 750335

Ion Ratio Lower Upper

119 100

134 26.5 12.2 36.4

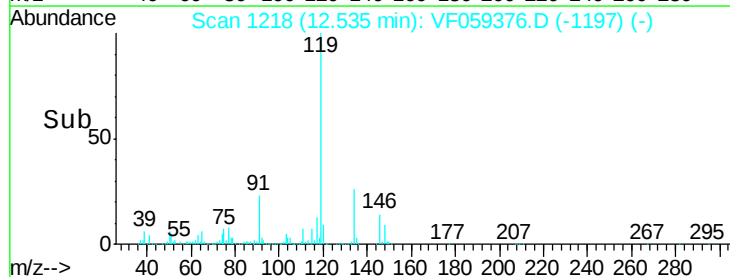
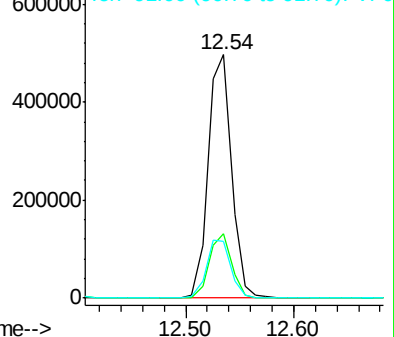
91 23.2 12.9 38.6

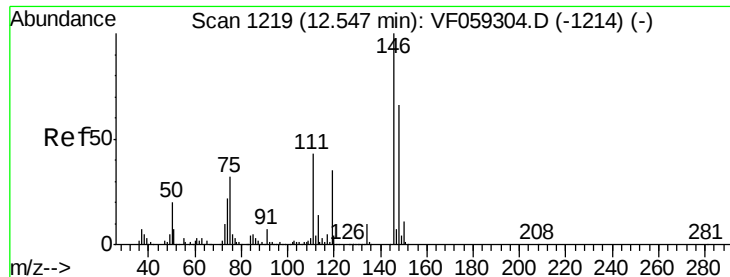


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0





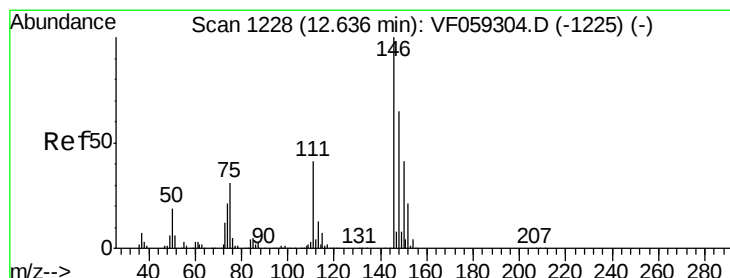
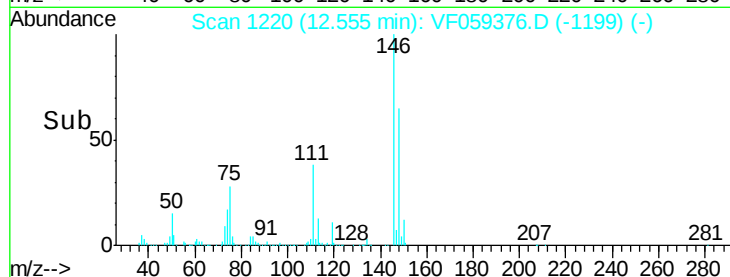
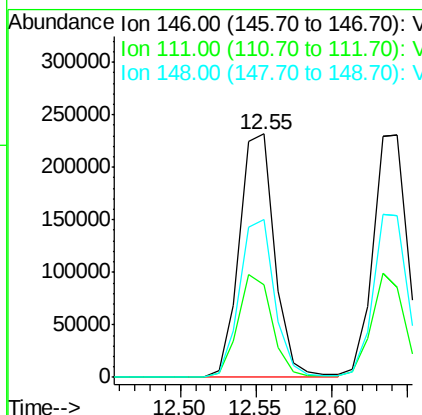
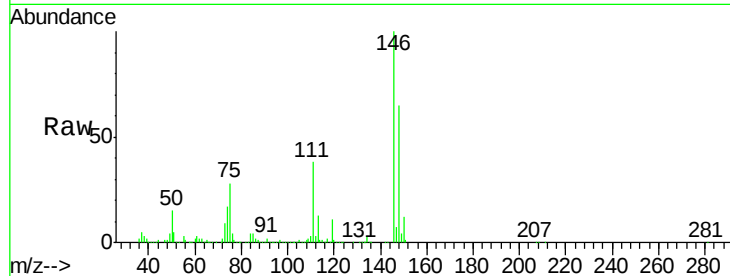
#87
 1,3-Dichlorobenzene
 Concen: 53.80 ug/l
 RT: 12.55 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: VF059376.D
 Acq: 29 Jun 2018 14:13

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	21.4	64.2
148	64.9	32.8	98.4

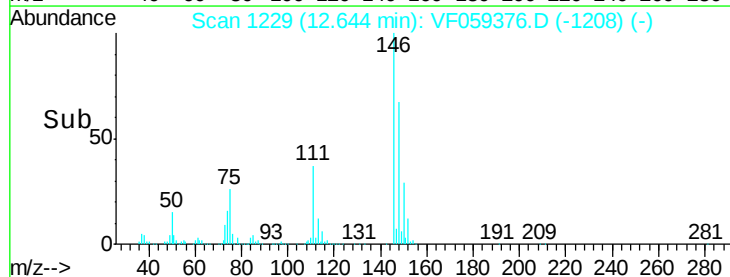
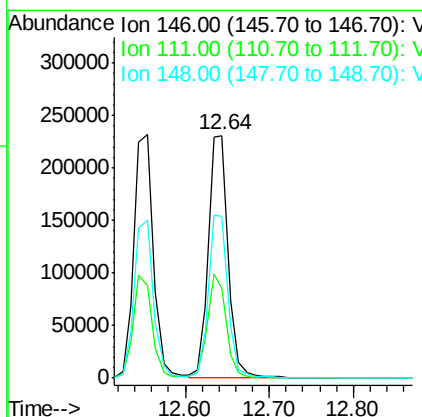
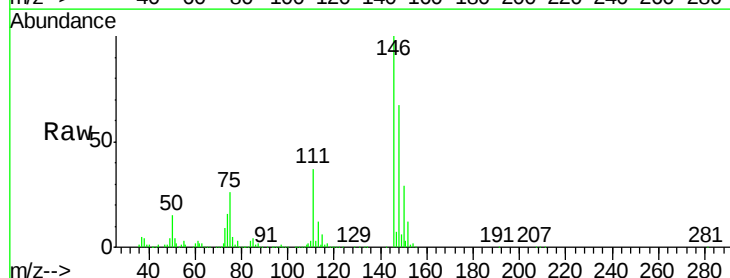
Manual Integrations
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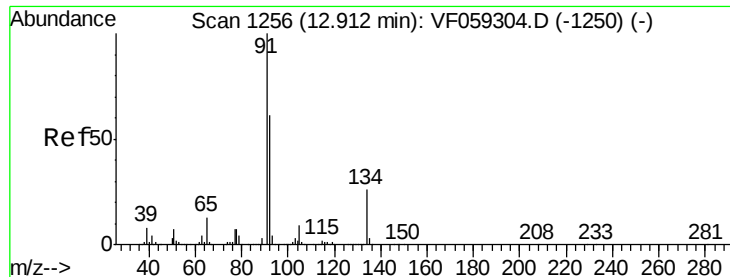
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#88
 1,4-Dichlorobenzene
 Concen: 49.28 ug/l
 RT: 12.64 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VF059376.D
 Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	20.7	62.1
148	66.6	32.8	98.3





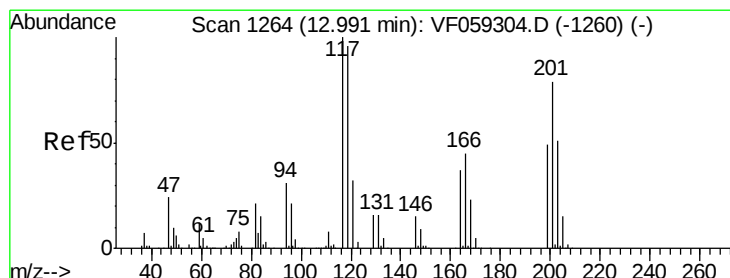
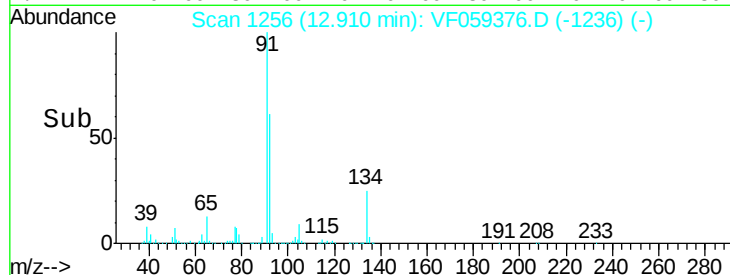
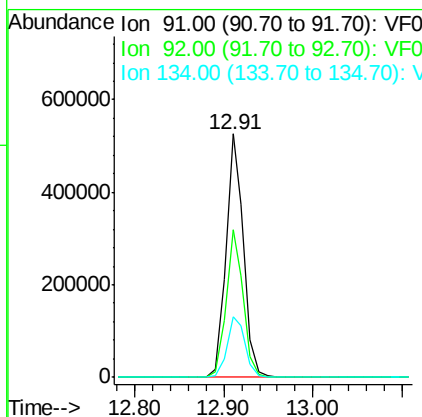
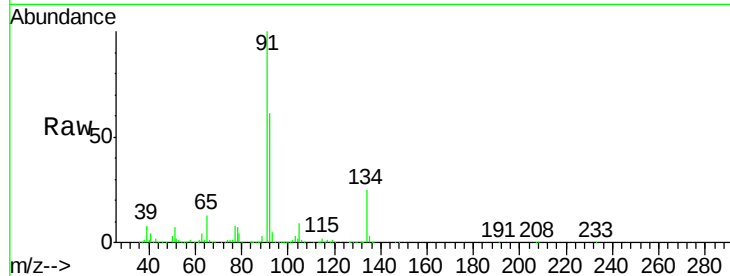
#89
n-Butylbenzene
Concen: 47.76 ug/l
RT: 12.91 min Scan# 1256
Delta R.T. -0.00 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	60.5	30.3	91.0
134	24.8	12.9	38.7

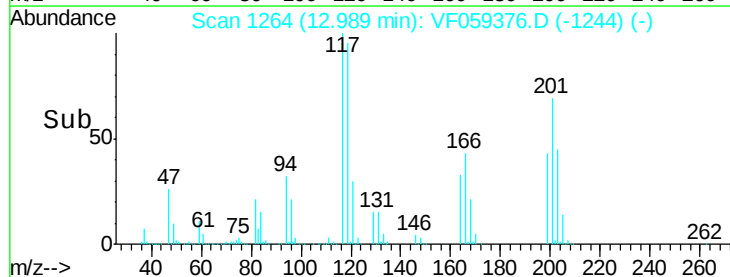
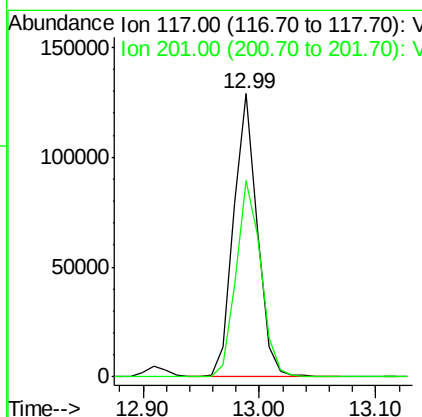
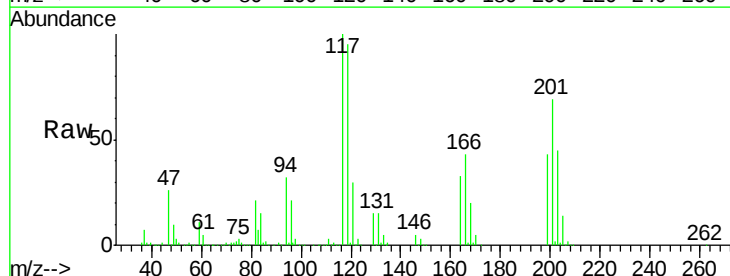
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#90
Hexachloroethane
Concen: 48.25 ug/l
RT: 12.99 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.2	39.5	118.5





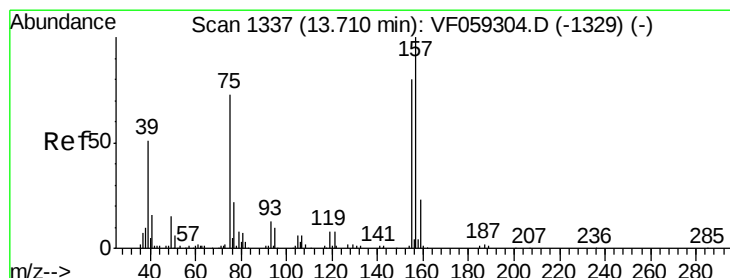
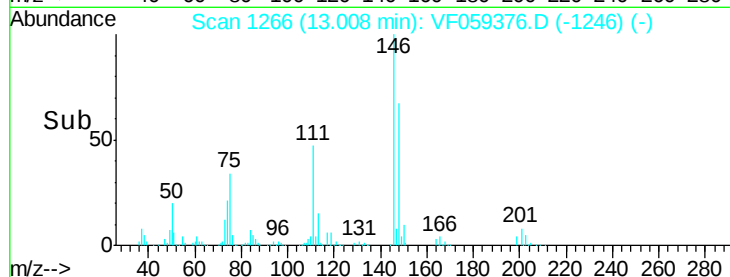
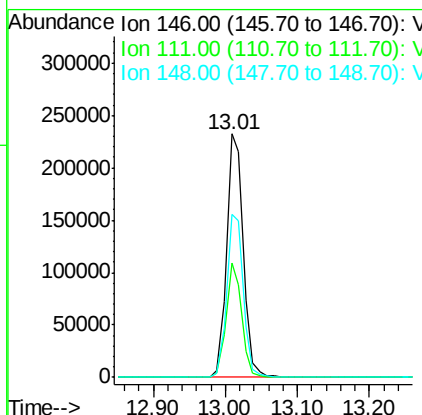
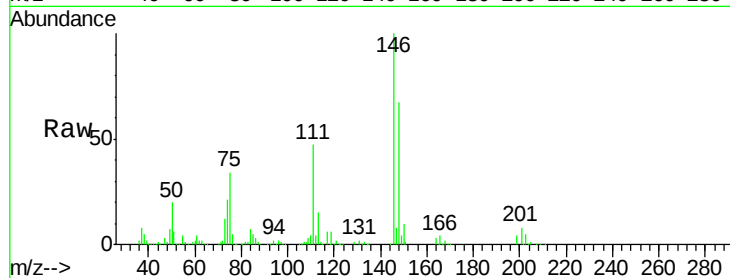
#91
 1,2-Dichlorobenzene
 Concen: 47.51 ug/l
 RT: 13.01 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VF059376.D
 Acq: 29 Jun 2018 14:13

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.8	22.7	68.0
148	67.2	33.5	100.4

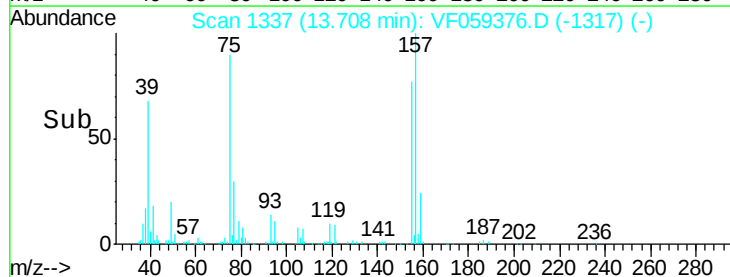
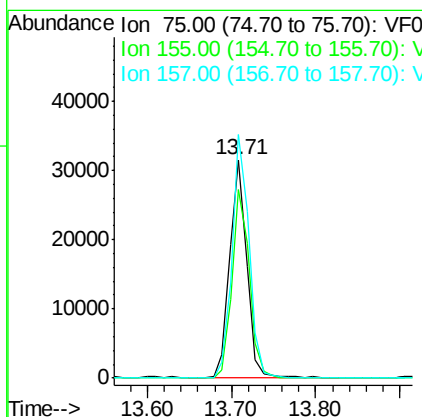
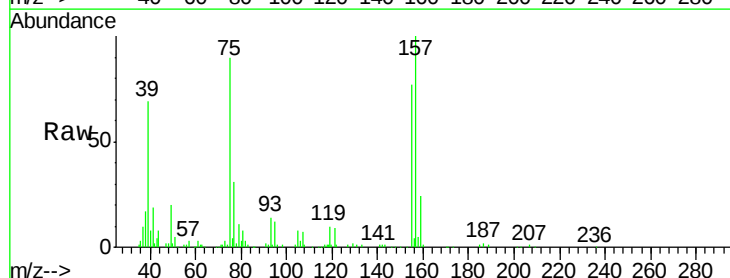
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.53 ug/l
 RT: 13.71 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VF059376.D
 Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.4	54.6	163.8
157	111.7	68.7	205.9





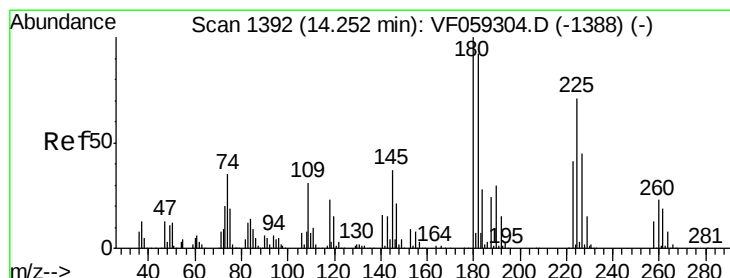
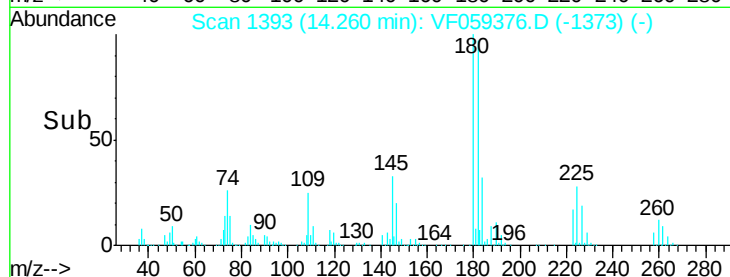
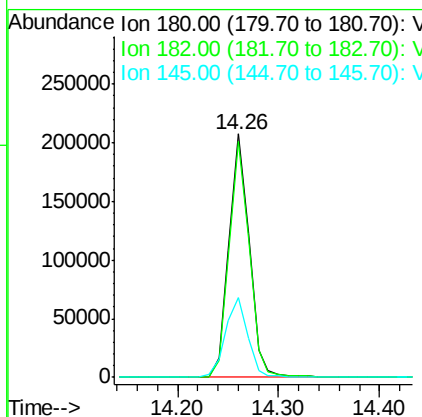
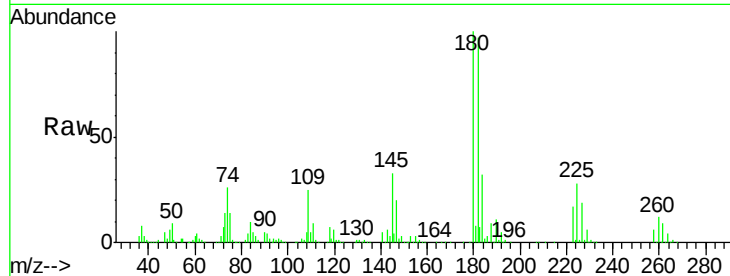
#93
 1,2,4-Trichlorobenzene
 Concen: 50.60 ug/l
 RT: 14.26 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: VF059376.D
 Acq: 29 Jun 2018 14:13

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	290970		
182	97.1	48.1	144.3	
145	32.9	15.3	45.8	

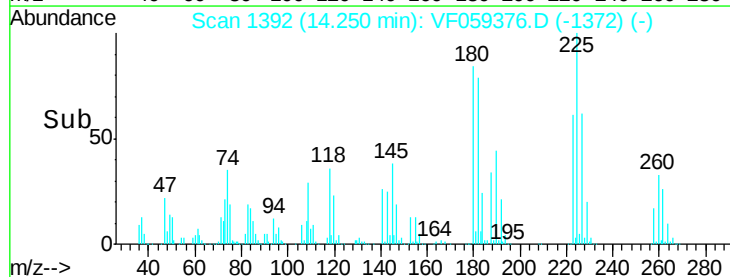
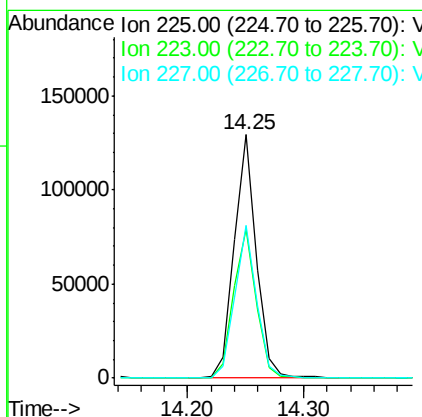
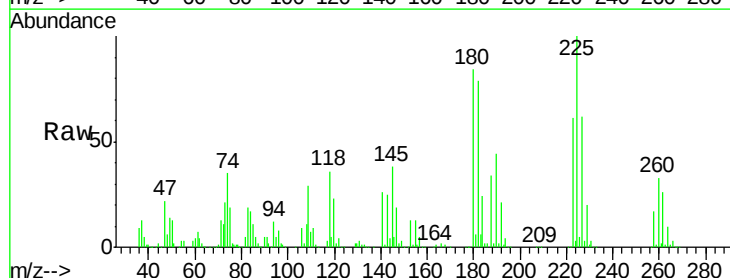
Manual Integrations
 APPROVED

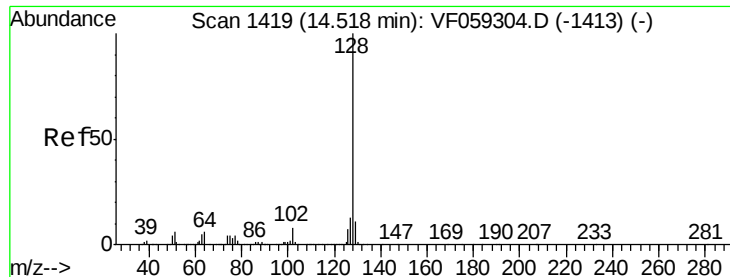
apatel
 7/2/2018 1:11:46 PM



#94
 Hexachlorobutadiene
 Concen: 53.00 ug/l
 RT: 14.25 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VF059376.D
 Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	170227		
223	61.3	28.9	86.8	
227	62.5	31.3	93.8	





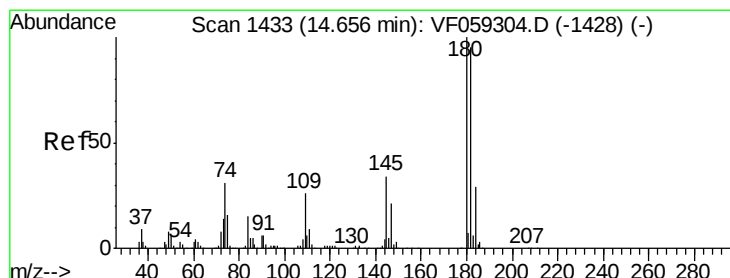
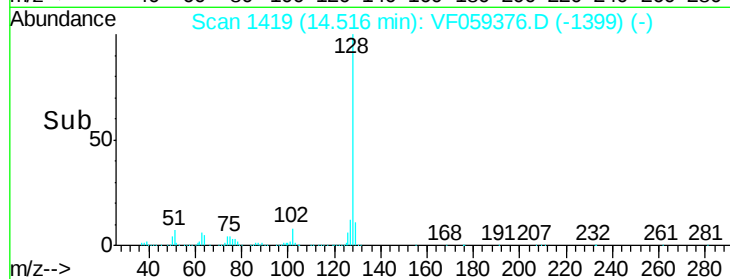
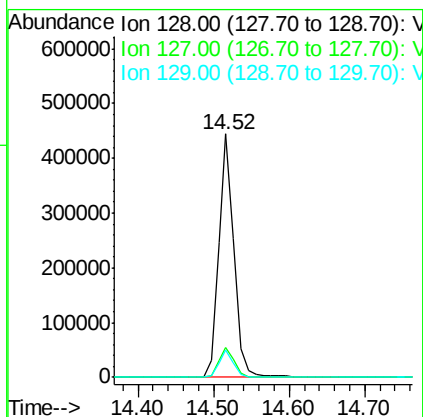
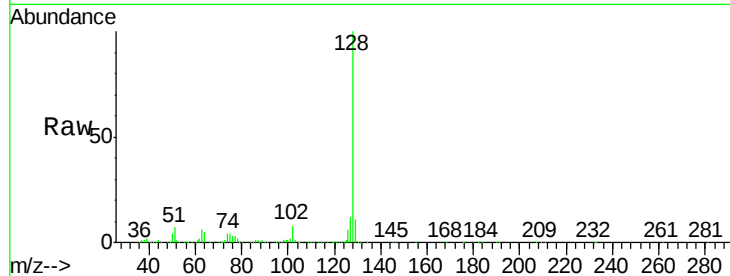
#95
Naphthalene
Concen: 52.20 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. -0.00 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	11.1	8.8	13.2

Manual Integrations
APPROVED

apatel
7/2/2018 1:11:46 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.04 ug/l
RT: 14.66 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VF059376.D
Acq: 29 Jun 2018 14:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.5	142.5
145	30.3	17.0	50.9

