

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081018\
 Data File : VF059939.D
 Acq On : 10 Aug 2018 12:42
 Operator : VA/AP
 Sample : VF0810SBS01
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0810SBS01

Manual Integrations
 APPROVED

apatel
 8/13/2018 12:33:48 PM

Quant Time: Aug 11 01:18:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 04 07:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	110585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	159721	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	158046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	105202	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.02	65	99226	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	4.30	113	80913	50.92	ug/l	0.01
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	7.72	98	184424	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
62) 4-Bromofluorobenzene	11.52	95	105559	55.56	ug/l	0.01
Spiked Amount	50.000		Recovery	=	111.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.98	85	39660	20.99	ug/l	95
3) Chloromethane	1.08	50	19417	22.22	ug/l	90
4) Vinyl Chloride	1.15	62	18255	20.39	ug/l #	86
5) Bromomethane	1.34	94	17500	20.71	ug/l	85
6) Chloroethane	1.43	64	12126	21.56	ug/l	96
7) Trichlorofluoromethane	1.53	101	52930	21.60	ug/l	93
8) Diethyl Ether	1.70	74	7504	19.30	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	1.90	101	28467	21.05	ug/l	88
10) Methyl Iodide	1.98	142	45615	21.96	ug/l #	92
11) Tert butyl alcohol	2.68	59	8349	103.82	ug/l	95
12) 1,1-Dichloroethene	1.86	96	21688	21.96	ug/l #	78
13) Acrolein	2.09	56	4082	84.70	ug/l	87
14) Allyl chloride	2.19	41	29705	18.04	ug/l	96
15) Acrylonitrile	3.07	53	13733	93.19	ug/l #	87
16) Acetone	2.34	43	49962	135.75	ug/l	99
17) Carbon Disulfide	1.89	76	55700	21.12	ug/l	95
18) Methyl Acetate	2.45	43	12500m	20.13	ug/l	
19) Methyl tert-butyl Ether	2.54	73	58490	20.91	ug/l	98
20) Methylene Chloride	2.27	84	21309m	19.62	ug/l	
21) trans-1,2-Dichloroethene	2.41	96	20132	20.52	ug/l	94
22) Diisopropyl ether	2.92	45	66006	20.83	ug/l	98
23) Vinyl Acetate	3.34	43	175962	114.73	ug/l	98
24) 1,1-Dichloroethane	3.00	63	47584	20.62	ug/l	98
25) 2-Butanone	4.51	43	48524	121.25	ug/l	97
26) 1,2-Dichloropropane	3.77	77	31066	23.13	ug/l	99
27) cis-1,2-Dichloroethene	3.63	96	22958	20.81	ug/l	89
28) Bromochloromethane	3.89	49	17481	21.46	ug/l #	80
29) Tetrahydrofuran	4.26	42	16535	112.23	ug/l	93
30) Chloroform	4.04	83	63159	20.23	ug/l	96
31) Cyclohexane	3.87	56	24957	21.85	ug/l	97
32) 1,1,1-Trichloroethane	4.28	97	54582	21.86	ug/l #	91
36) 1,1-Dichloropropene	4.47	75	41610	22.52	ug/l	97
37) Ethyl Acetate	4.29	43	17183	21.66	ug/l #	75
38) Carbon Tetrachloride	4.18	117	58343m	22.06	ug/l	

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Manual Integrations
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apatel
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Quant Time: Aug 11 01:18:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 04 07:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.64	83	30415	21.95	ug/l	97
40) Benzene	4.82	78	66000	18.92	ug/l	98
41) Methacrylonitrile	4.93	41	8636	20.63	ug/l #	92
42) 1,2-Dichloroethane	5.12	62	51798	20.25	ug/l	100
43) Isopropyl Acetate	7.12	43	18042	22.09	ug/l #	96
44) Trichloroethene	5.67	130	27363	22.24	ug/l	91
45) 1,2-Dichloropropane	6.40	63	17912	21.13	ug/l	99
46) Dibromomethane	6.27	93	16653	19.47	ug/l	90
47) Bromodichloromethane	6.55	83	50441	21.56	ug/l	95
48) Methyl methacrylate	6.88	41	13662	21.50	ug/l	97
49) 1,4-Dioxane	6.87	88	1949	473.02	ug/l	94
51) 4-Methyl-2-Pentanone	8.41	43	89572	107.26	ug/l	99
52) Toluene	7.78	92	53832	23.07	ug/l	86
53) t-1,3-Dichloropropene	8.43	75	42470	23.86	ug/l	95
54) cis-1,3-Dichloropropene	7.47	75	42016	22.87	ug/l #	89
55) 1,1,2-Trichloroethane	8.65	97	17226	20.51	ug/l	94
56) Ethyl methacrylate	8.77	69	17377	20.96	ug/l	96
57) 1,3-Dichloropropane	9.01	76	31483	21.83	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.79	63	12649	113.83	ug/l	100
59) 2-Hexanone	9.64	43	68954	116.88	ug/l	95
60) Dibromochloromethane	8.87	129	33202	21.07	ug/l	94
61) 1,2-Dibromoethane	9.14	107	22110	21.60	ug/l	94
64) Tetrachloroethene	8.32	164	26244	19.25	ug/l	94
65) Chlorobenzene	9.95	112	72666	22.65	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.08	131	33612	21.06	ug/l	91
67) Ethyl Benzene	10.05	91	131129	23.46	ug/l	97
68) m/p-Xylenes	10.28	106	88073	45.59	ug/l	97
69) o-Xylene	10.84	106	43707	21.36	ug/l	99
70) Styrene	10.91	104	69462	22.74	ug/l	99
71) Bromoform	10.90	173	21079	21.55	ug/l	96
73) Isopropylbenzene	11.23	105	154805	23.63	ug/l	98
74) N-amyl acetate	11.47	43	33435	22.36	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.80	83	24872	20.22	ug/l	98
76) 1,2,3-Trichloropropane	11.89	75	21734	20.57	ug/l	96
77) Bromobenzene	11.60	156	38864	21.81	ug/l	93
78) n-propylbenzene	11.70	91	180427	23.32	ug/l	99
79) 2-Chlorotoluene	11.82	91	109122	22.29	ug/l	97
80) 1,3,5-Trimethylbenzene	11.91	105	138161	22.71	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.96	75	9363m	24.67	ug/l	
82) 4-Chlorotoluene	11.99	91	123257	23.19	ug/l	96
83) tert-Butylbenzene	12.22	119	136122	22.98	ug/l	95
84) 1,2,4-Trimethylbenzene	12.29	105	142349	22.75	ug/l	99
85) sec-Butylbenzene	12.40	105	177339	22.53	ug/l	96
86) p-Isopropyltoluene	12.55	119	157683	23.84	ug/l	97
87) 1,3-Dichlorobenzene	12.56	146	75244	22.29	ug/l	95
88) 1,4-Dichlorobenzene	12.65	146	74163	22.37	ug/l	94
89) n-Butylbenzene	12.92	91	152188	24.14	ug/l	95
90) Hexachloroethane	13.00	117	39167	21.46	ug/l	87
91) 1,2-Dichlorobenzene	13.03	146	74415	22.90	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.72	75	6506	20.98	ug/l	82

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ClientSampleId :
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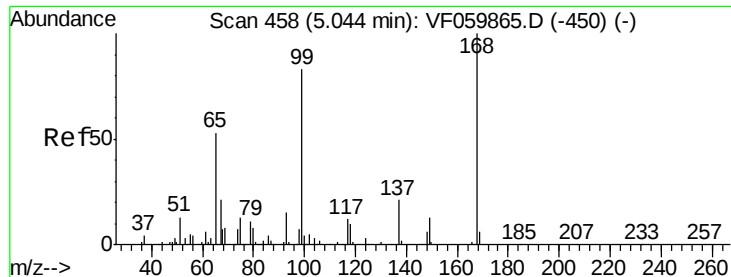
Manual Integrations
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apatel
8/13/2018 12:33:48 PM

Quant Time: Aug 11 01:18:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	55515	22.50	ug/l	95
94) Hexachlorobutadiene	14.26	225	39726	22.80	ug/l	98
95) Naphthalene	14.53	128	93769	21.95	ug/l	97
96) 1,2,3-Trichlorobenzene	14.67	180	53264	21.86	ug/l	97

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



#1

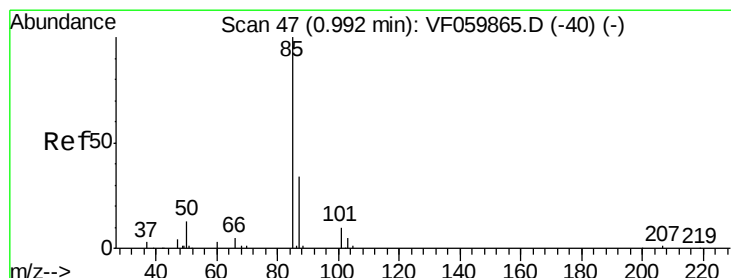
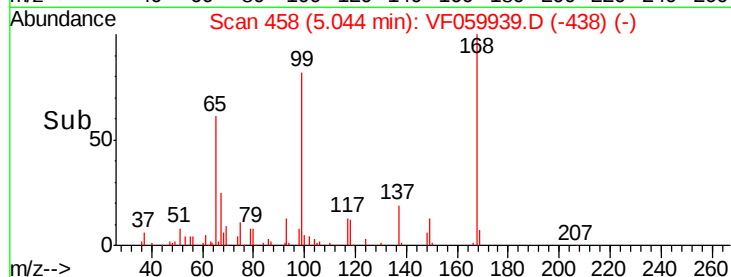
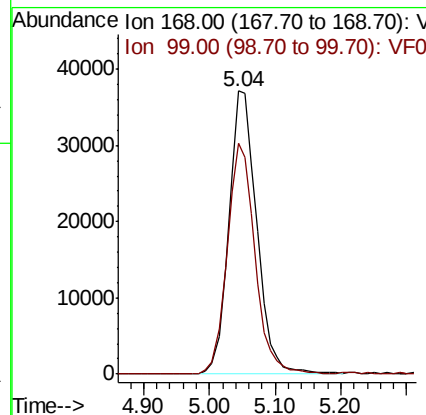
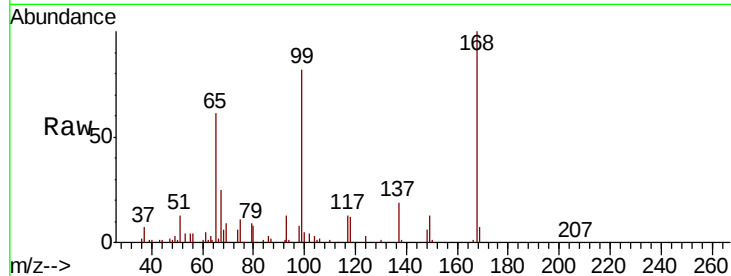
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.04 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: VF059939.D
 Acq: 10 Aug 2018 12:42

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0810SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	81.6	66.3	99.5

Manual Integrations
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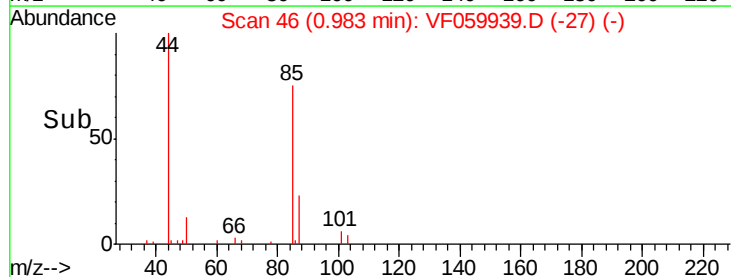
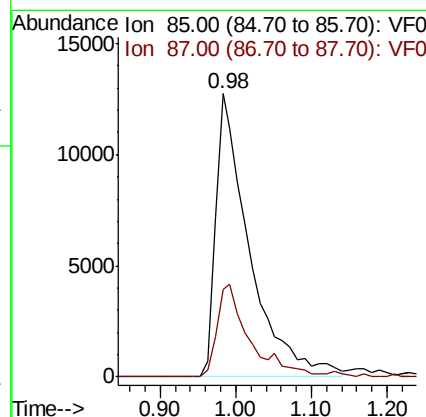
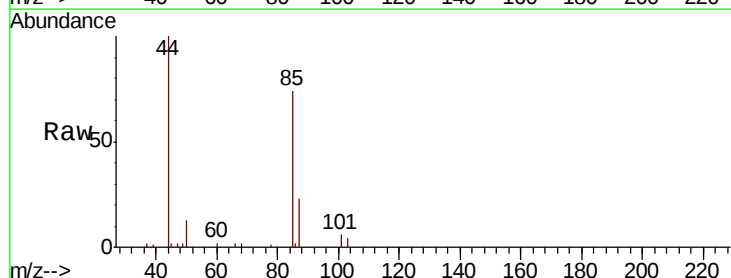
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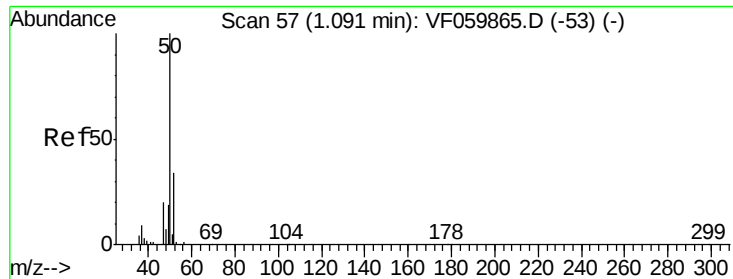


#2

Dichlorodifluoromethane
 Concen: 20.99 ug/l
 RT: 0.98 min Scan# 46
 Delta R.T. -0.01 min
 Lab File: VF059939.D
 Acq: 10 Aug 2018 12:42

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.0	16.9	50.7





#3

Chloromethane

Concen: 22.22 ug/l

RT: 1.08 min Scan# 56

Delta R.T. -0.01 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Instrument :

MSVOA_F

ClientSampleId :

VF0810SBS01

Tot Ion: 50 Resp: 19417

Ion Ratio Lower Upper

50 100

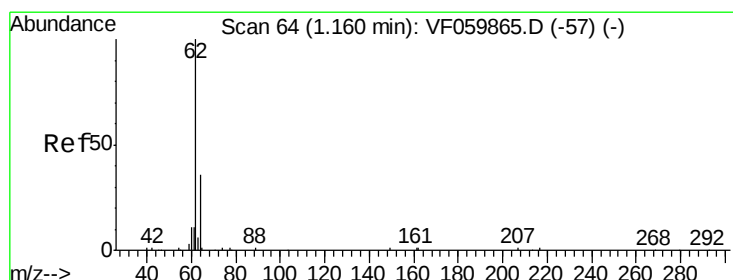
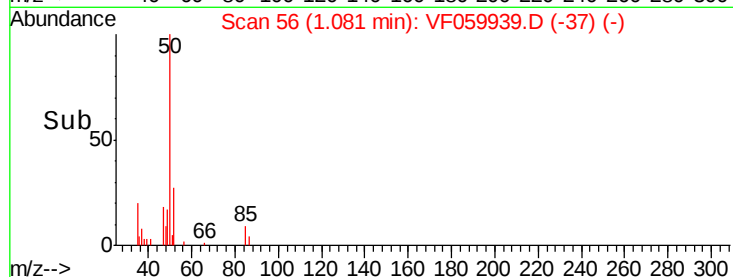
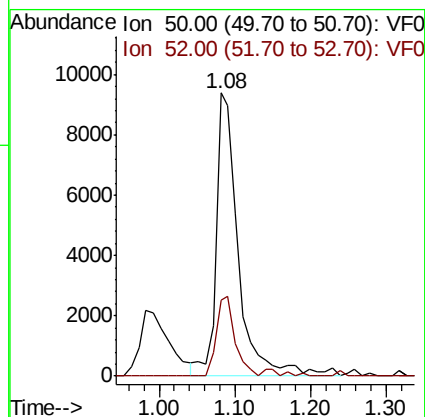
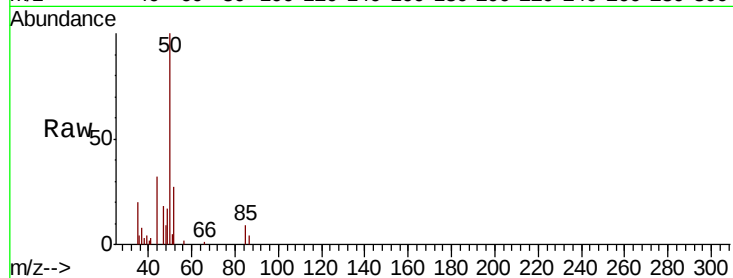
52 26.7 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.39 ug/l

RT: 1.15 min Scan# 63

Delta R.T. -0.01 min

Lab File: VF059939.D

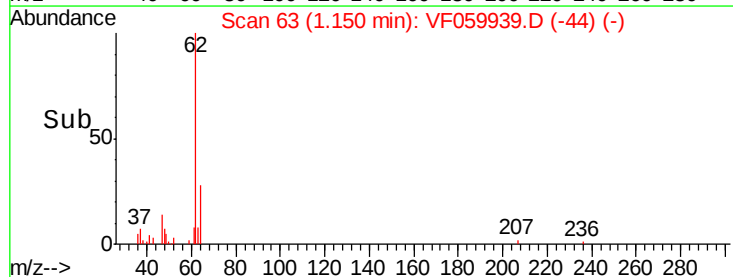
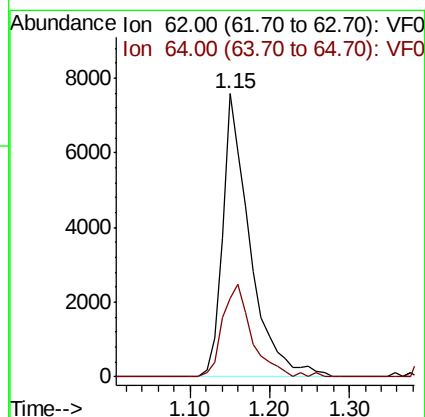
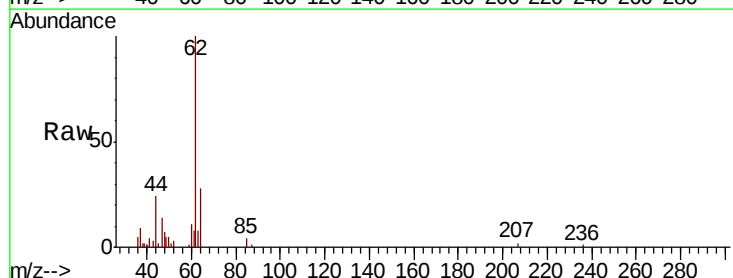
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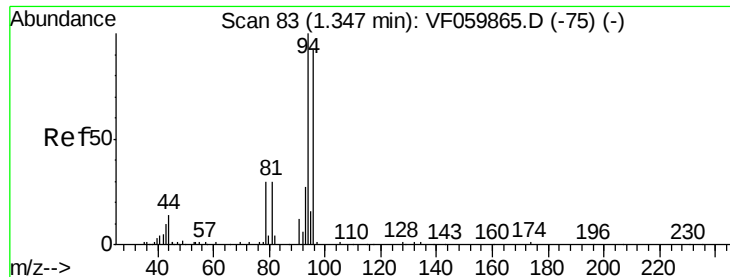
Tgt Ion: 62 Resp: 18255

Ion Ratio Lower Upper

62 100

64 27.6 28.5 42.7#





#5

Bromomethane

Concen: 20.71 ug/l

RT: 1.34 min Scan# 82

Delta R.T. -0.01 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Instrument :

MSVOA_F

ClientSampleId :

VF0810SBS01

Tot Ion: 94 Resp: 17500

Ion Ratio Lower Upper

94 100

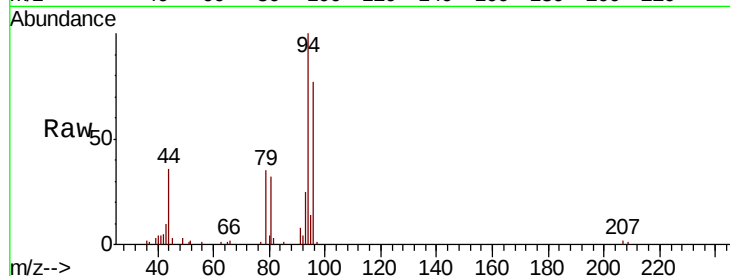
96 77.5 73.8 110.8

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0

10000

8000

6000

4000

2000

0

Time--> 1.20 1.30 1.40 1.50

1.34

0

0

0

0

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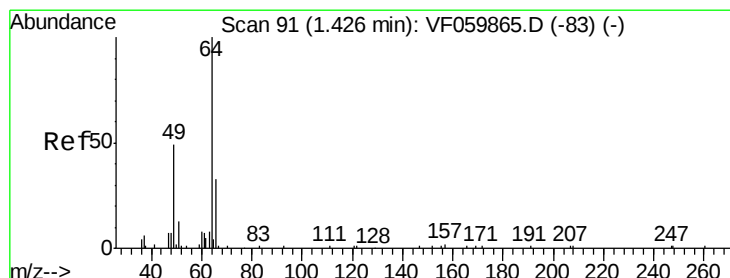
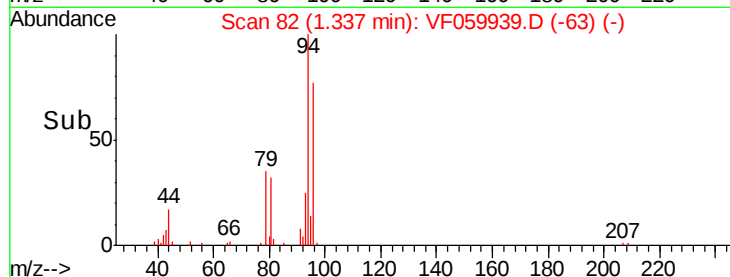
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#6

Chloroethane

Concen: 21.56 ug/l

RT: 1.43 min Scan# 91

Delta R.T. 0.00 min

Lab File: VF059939.D

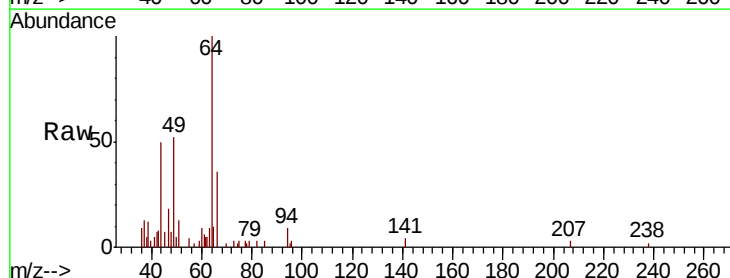
Acq: 10 Aug 2018 12:42

Tgt Ion: 64 Resp: 12126

Ion Ratio Lower Upper

64 100

66 36.1 26.9 40.3



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0

5000

4000

3000

2000

1000

0

Time--> 1.30 1.40 1.50 1.60

1.43

0

0

0

0

0

0

0

0

0

0

0

0

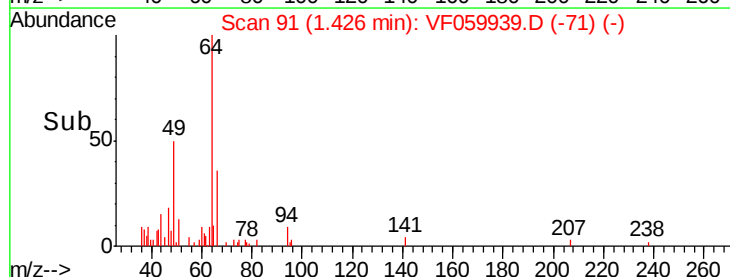
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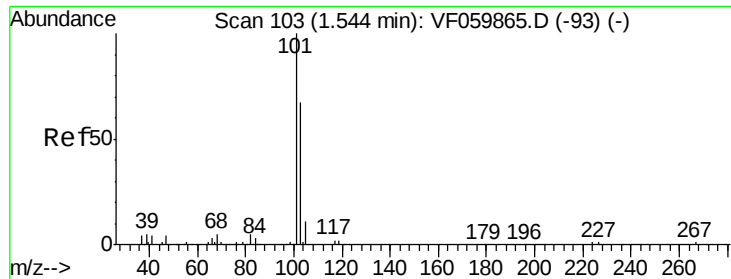
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#7

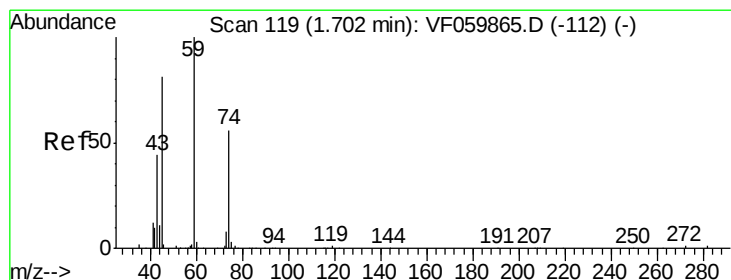
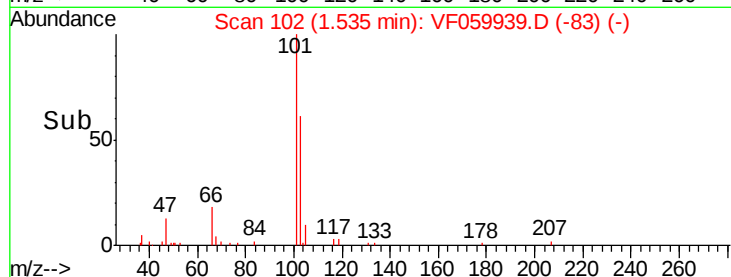
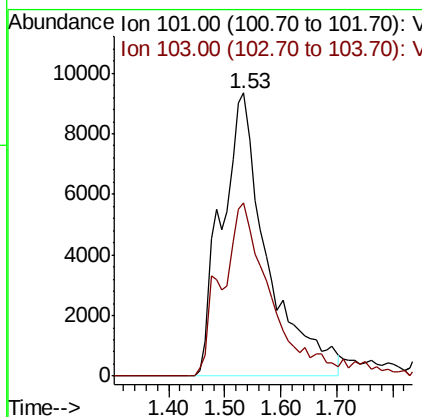
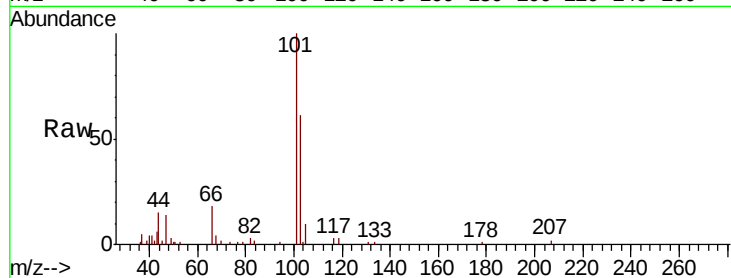
Trichlorofluoromethane
Concen: 21.60 ug/l
RT: 1.53 min Scan# 102
Delta R.T. -0.01 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Instrument :
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ClientSampleId :
VF0810SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.3	53.6	80.4

Manual Integrations
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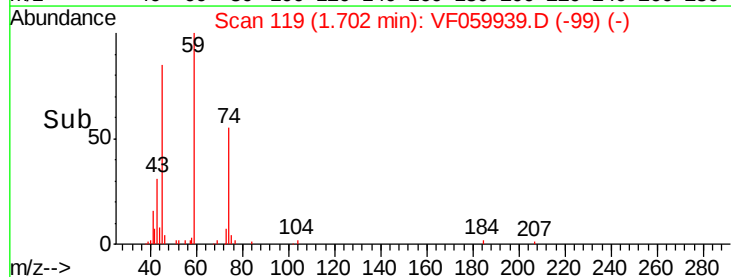
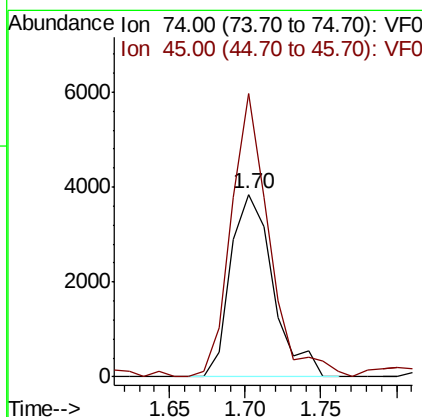
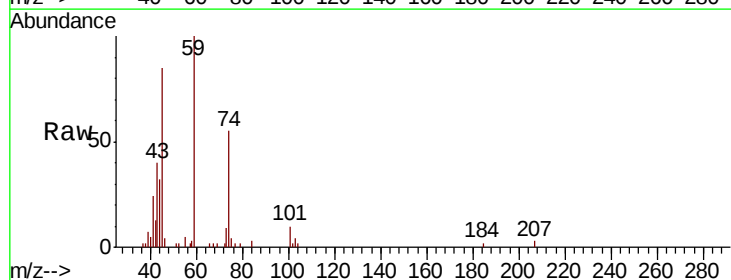
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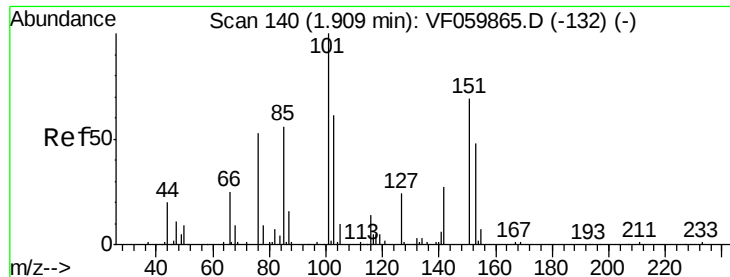


#8

Diethyl Ether
Concen: 19.30 ug/l
RT: 1.70 min Scan# 119
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	154.9	73.6	220.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.05 ug/l

RT: 1.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Instrument :

MSVOA_F

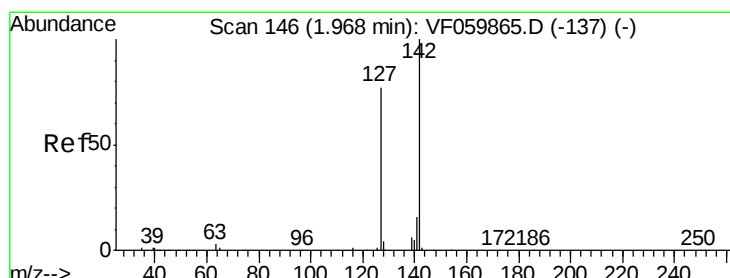
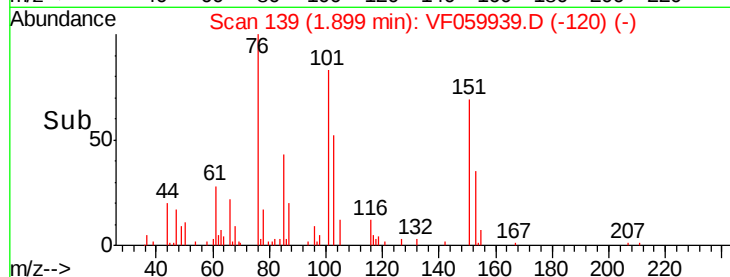
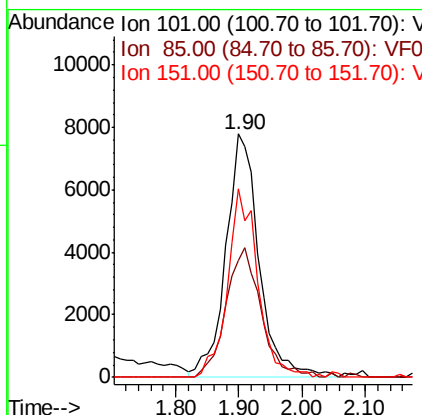
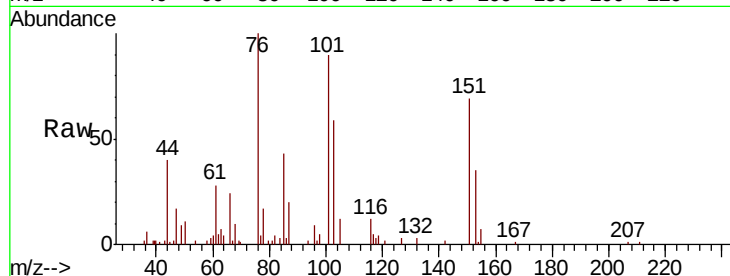
ClientSampleId :

VF0810SBS01

Tot Ion:	101	Resp:	28467
Ion Ratio	Lower	Upper	
101	100		
85	48.0	44.5	66.7
151	77.5	53.8	80.8

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#10

Methyl Iodide

Concen: 21.96 ug/l

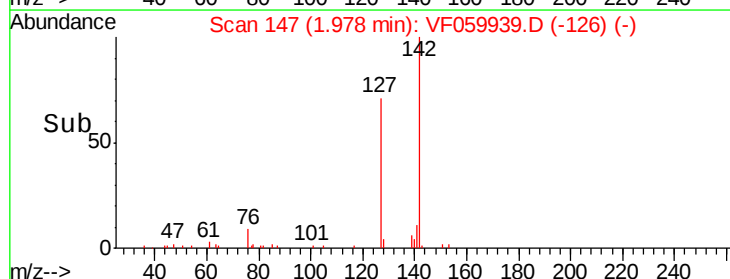
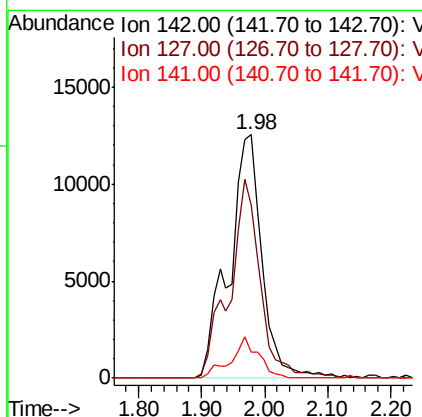
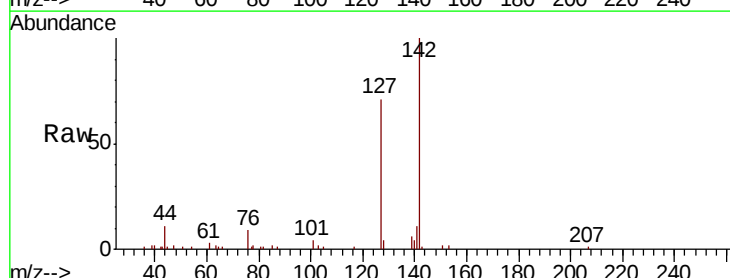
RT: 1.98 min Scan# 147

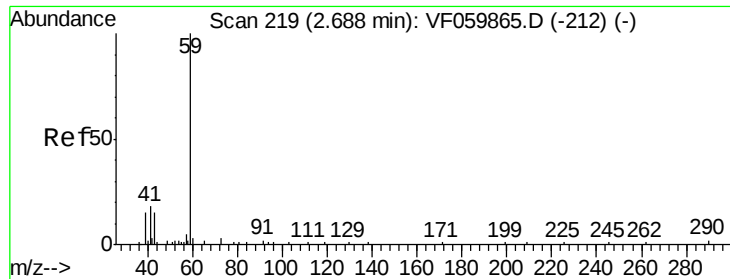
Delta R.T. 0.01 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Tgt Ion:	142	Resp:	45615
Ion Ratio	Lower	Upper	
142	100		
127	71.2	61.5	92.3
141	10.9	13.0	19.4#





#11

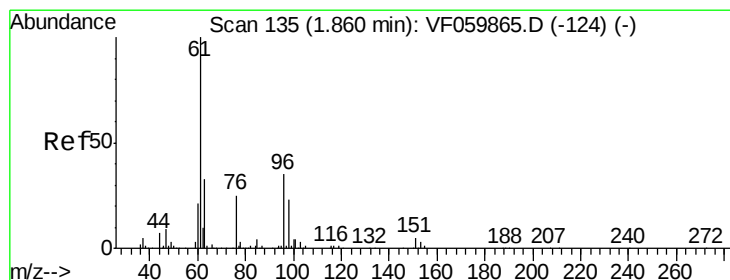
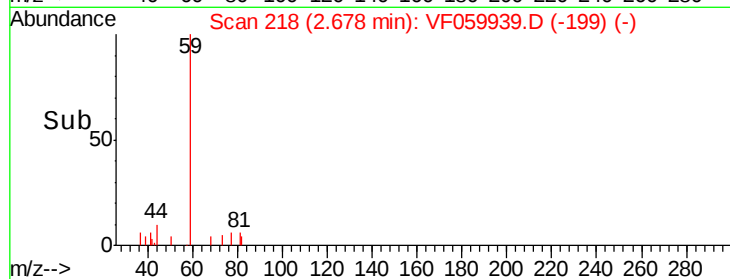
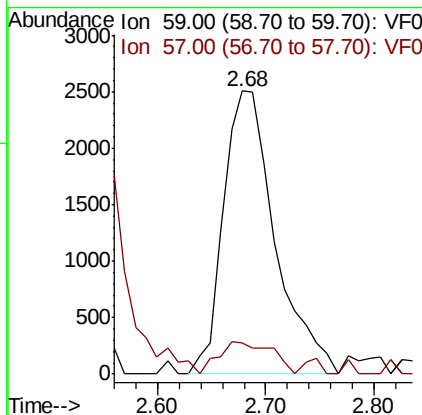
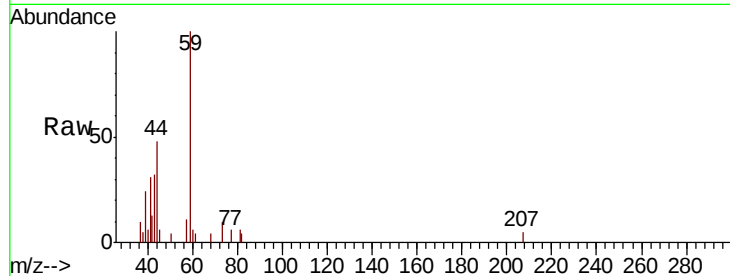
Tert butyl alcohol
Concen: 103.82 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.01 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	7.6	11.4

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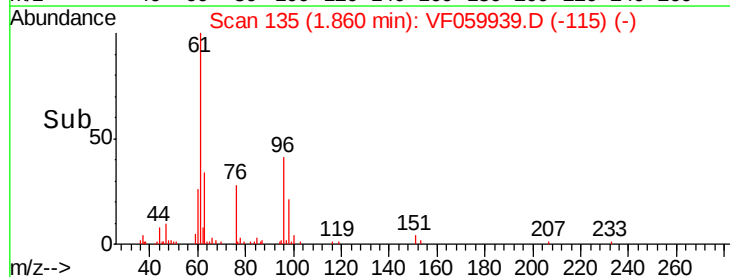
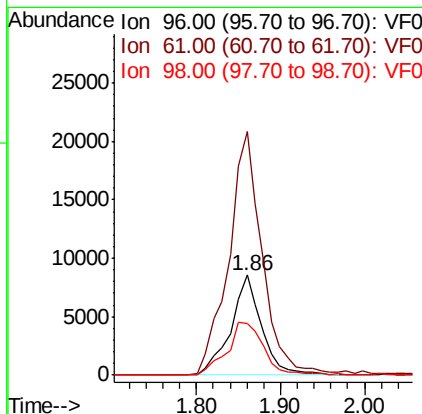
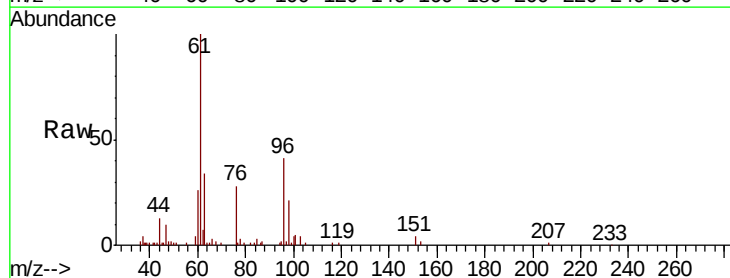
apatel
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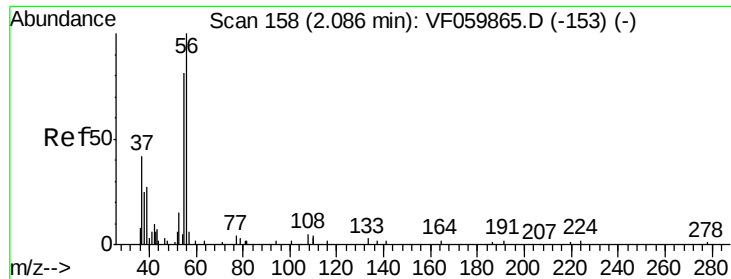


#12

1,1-Dichloroethene
Concen: 21.96 ug/l
RT: 1.86 min Scan# 135
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	243.8	230.2	345.2
98	51.4	52.7	79.1#





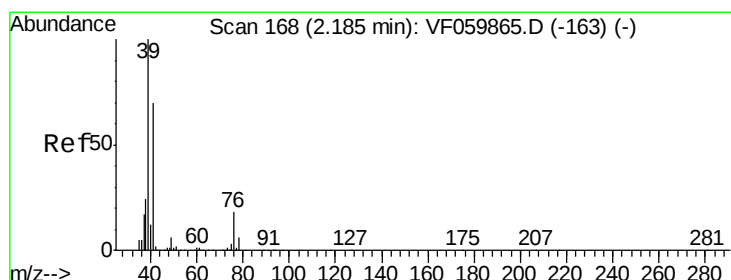
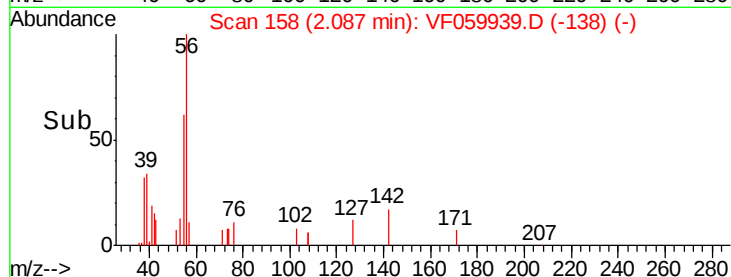
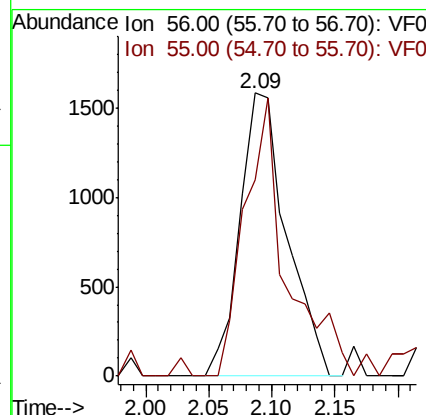
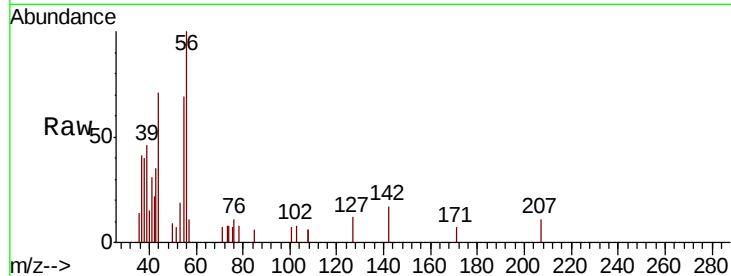
#13
Acrolein
Concen: 84.70 ug/l
RT: 2.09 min Scan# 158
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBS01

Tot Ion	56	Resp	4082
Ion Ratio	100	Lower	Upper
55	69.4	64.6	96.8

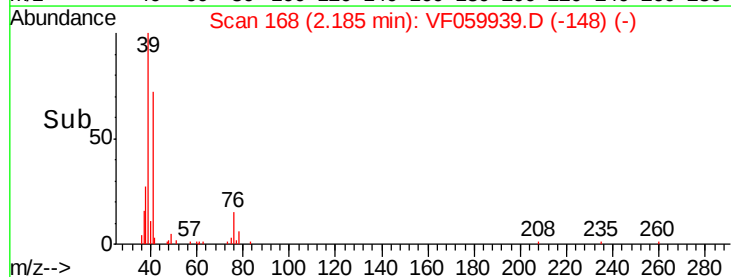
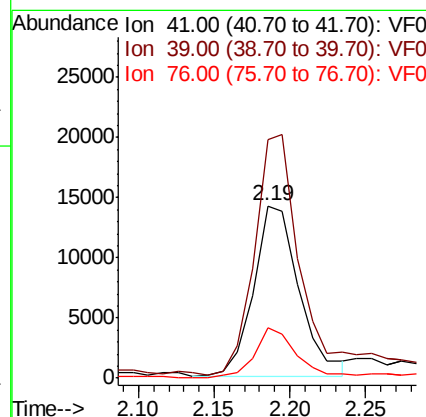
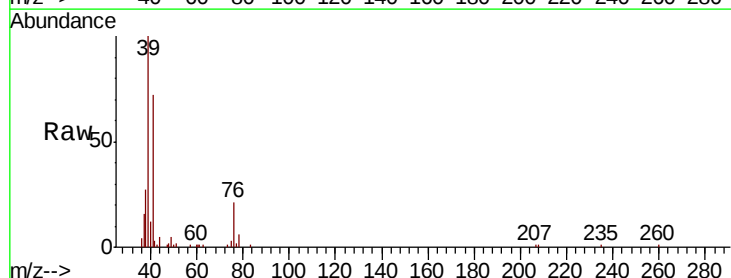
Manual Integrations
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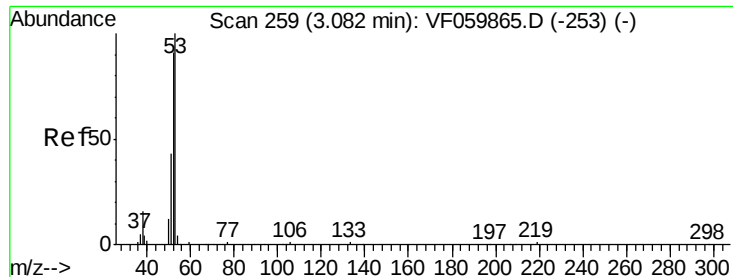
apatel
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#14
Allyl chloride
Concen: 18.04 ug/l
RT: 2.19 min Scan# 168
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tgt Ion	41	Resp	29705
Ion Ratio	100	Lower	Upper
39	138.5	114.6	171.8
76	29.0	21.0	31.4





#15

Acrylonitrile

Concen: 93.19 ug/l

RT: 3.07 min Scan# 258

Delta R.T. -0.01 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Instrument :

MSVOA_F

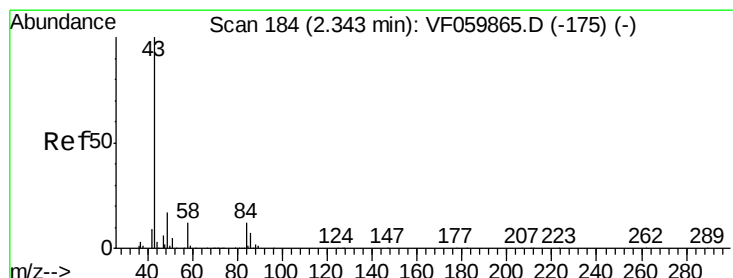
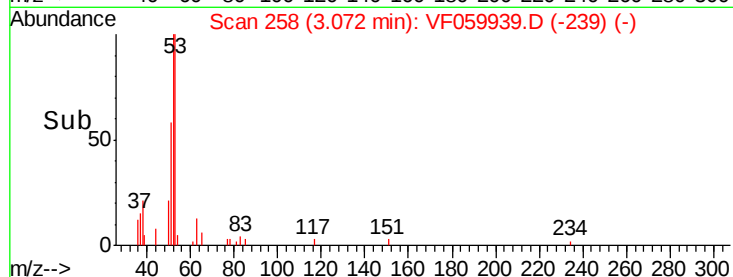
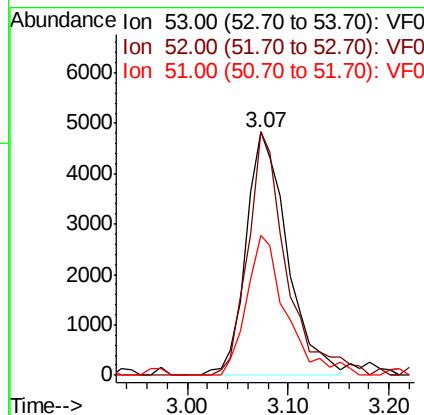
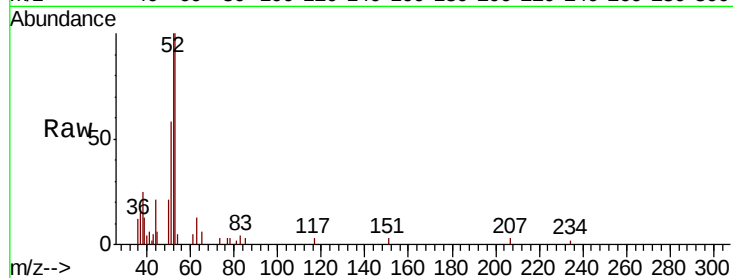
ClientSampleId :

VF0810SBS01

Tot Ion:	53	Resp:	13733
Ion	Ratio	Lower	Upper
53	100		
52	99.8	72.9	109.3
51	57.5	34.5	51.7#

Manual Integrations
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#16

Acetone

Concen: 135.75 ug/l

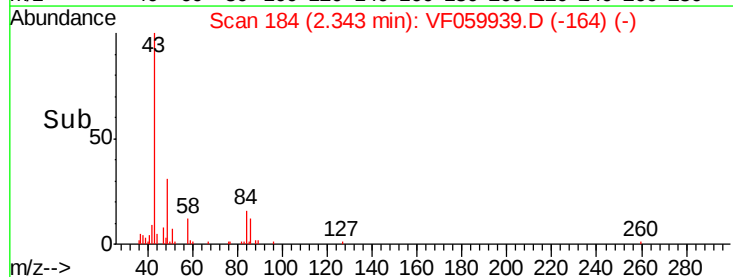
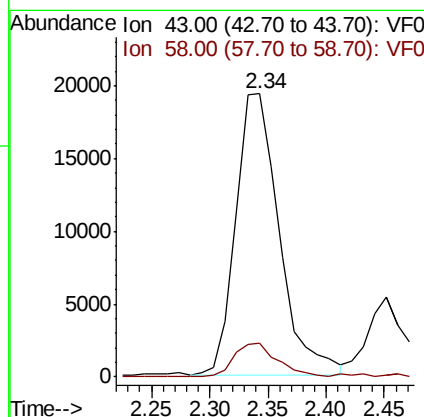
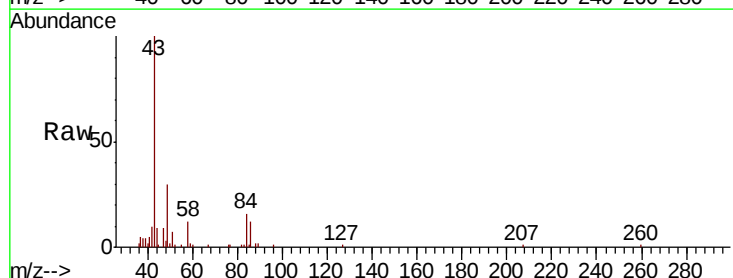
RT: 2.34 min Scan# 184

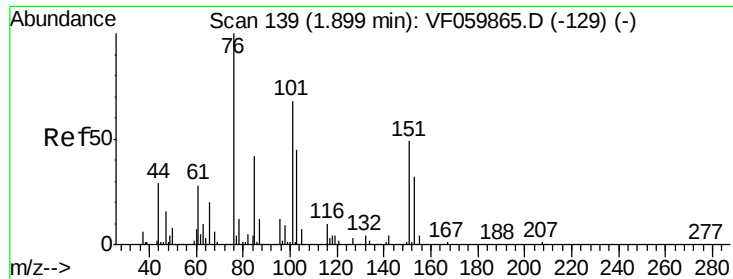
Delta R.T. 0.00 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Tgt Ion:	43	Resp:	49962
Ion	Ratio	Lower	Upper
43	100		
58	12.1	9.4	14.0





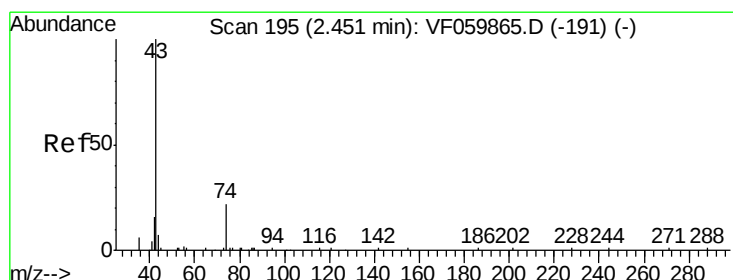
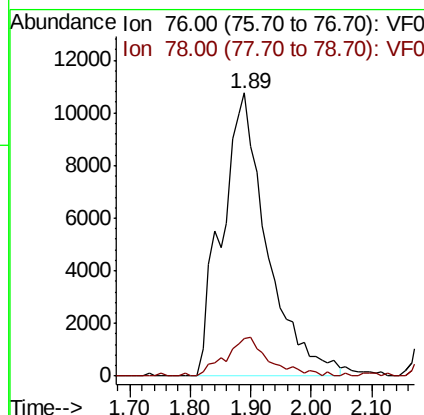
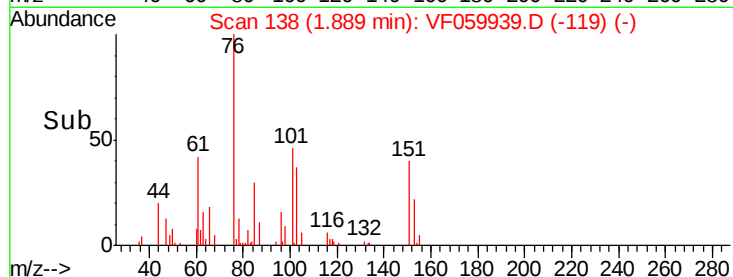
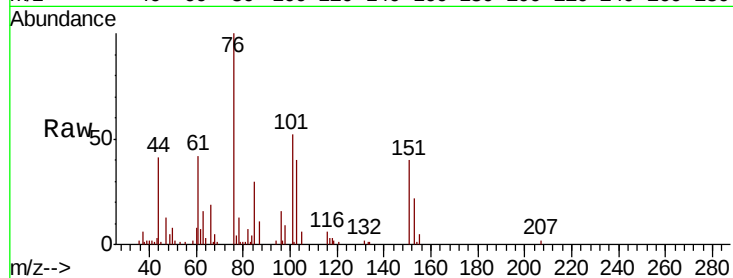
#17
Carbon Disulfide
Concen: 21.12 ug/l
RT: 1.89 min Scan# 138
Delta R.T. -0.01 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBS01

Tot Ion: 76 Resp: 55700
Ion Ratio Lower Upper
76 100
78 13.4 9.3 13.9

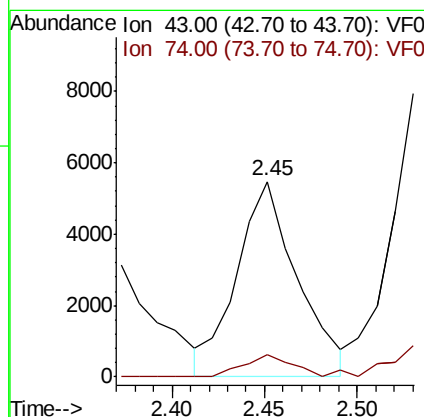
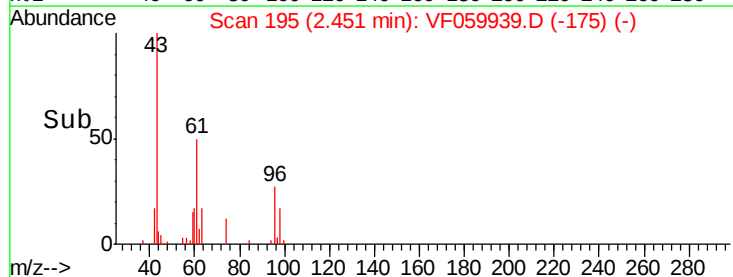
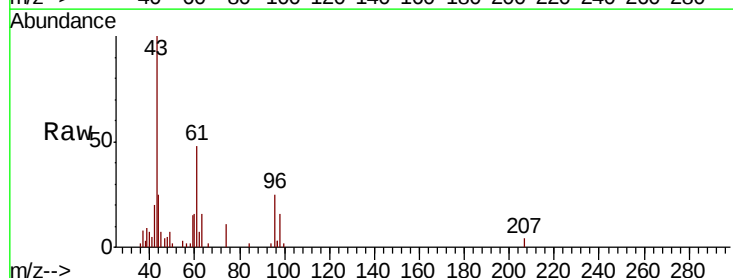
Manual Integrations
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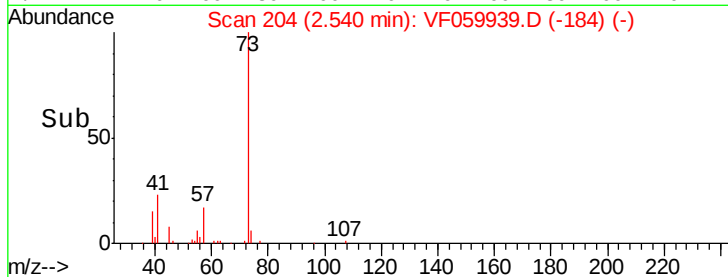
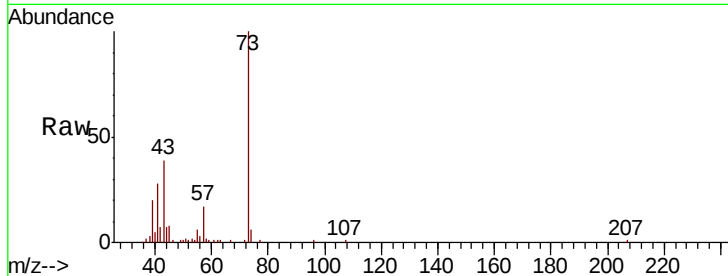
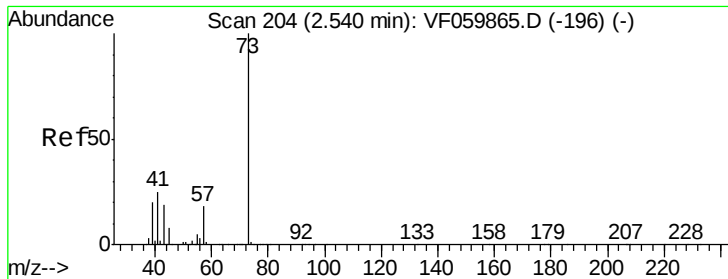
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#18
Methyl Acetate
Concen: 20.13 ug/l m
RT: 2.45 min Scan# 195
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tgt Ion: 43 Resp: 12500
Ion Ratio Lower Upper
43 100
74 11.3 16.3 24.5#





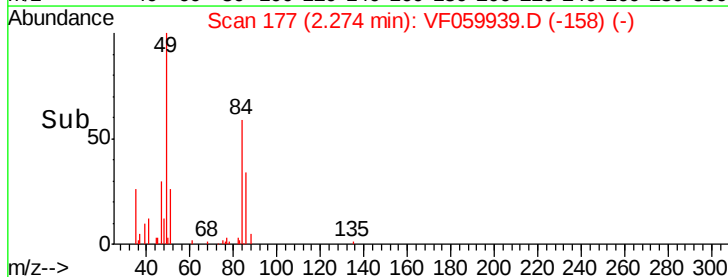
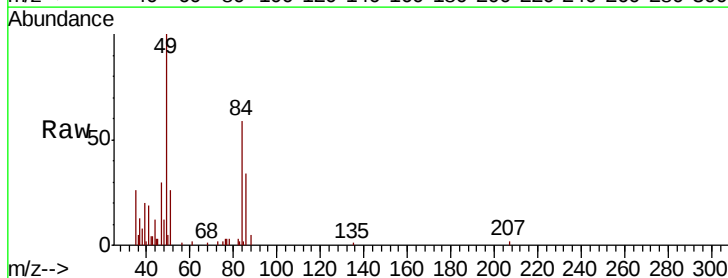
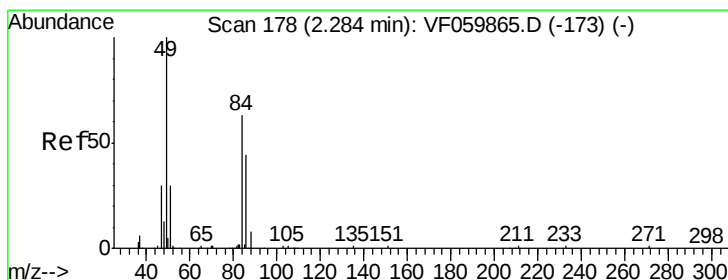
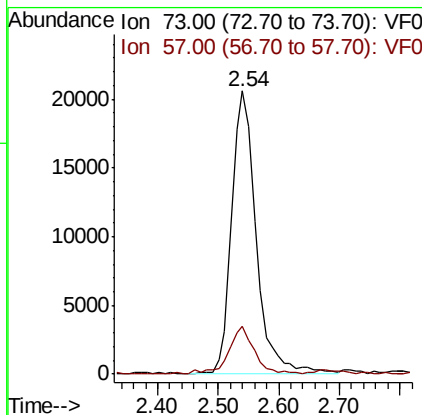
#19
Methvl tert-butvl Ether
Concen: 20.91 ug/l
RT: 2.54 min Scan# 204
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tot Ion	73	Resp	58490
Ion Ratio	100	Lower	Upper
73	100		
57	17.0	14.3	21.5

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBS01

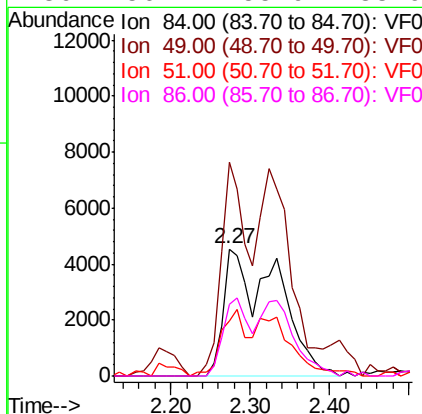
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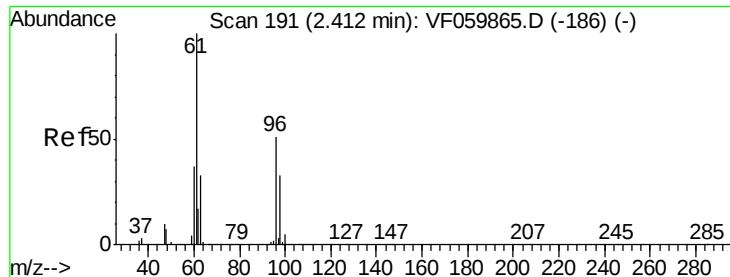
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#20
Methylene Chloride
Concen: 19.62 ug/l m
RT: 2.27 min Scan# 177
Delta R.T. -0.01 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tgt Ion	84	Resp	21309
Ion Ratio	100	Lower	Upper
84	100		
49	168.1	128.7	193.1
51	43.4	39.3	58.9
86	56.7	55.9	83.9





#21

trans-1,2-Dichloroethene

Concen: 20.52 ug/l

RT: 2.41 min Scan# 191

Delta R.T. 0.00 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Instrument :

MSVOA_F

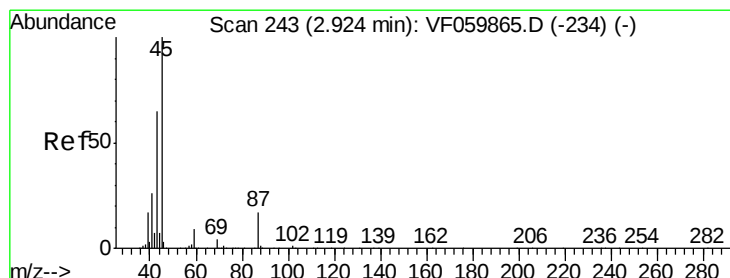
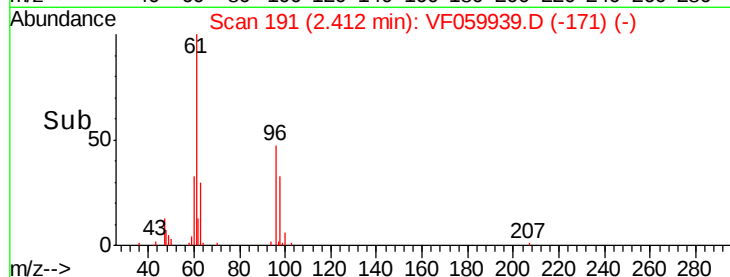
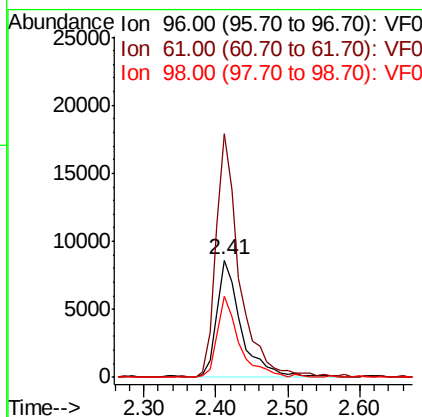
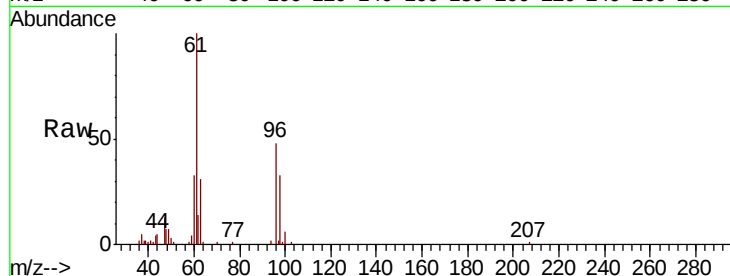
ClientSampleId :

VF0810SBS01

Tot Ion:	96	Resp:	20132
Ion Ratio	Lower	Upper	
96	100		
61	208.1	158.2	237.4
98	69.3	52.0	78.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.83 ug/l

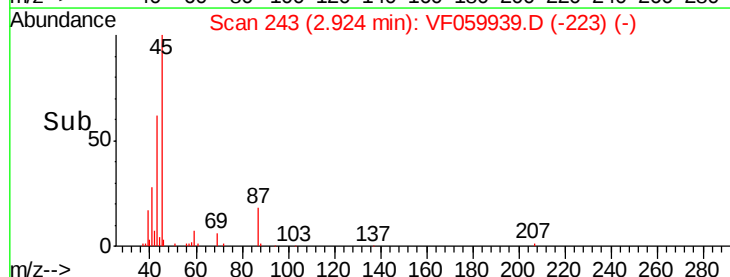
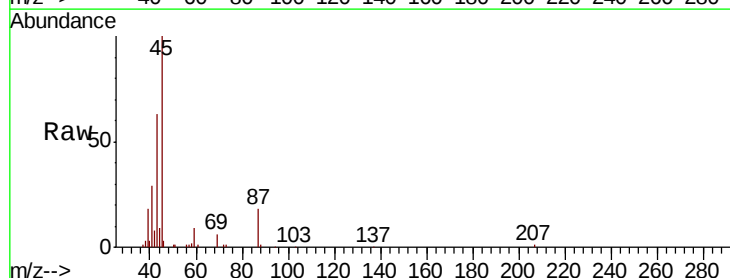
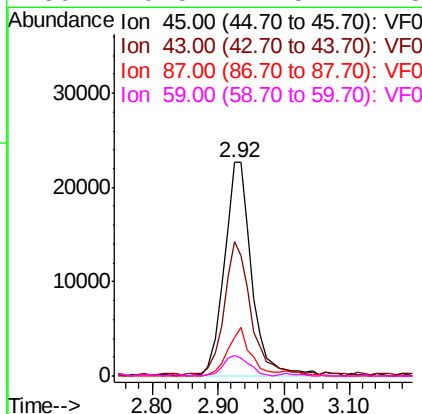
RT: 2.92 min Scan# 243

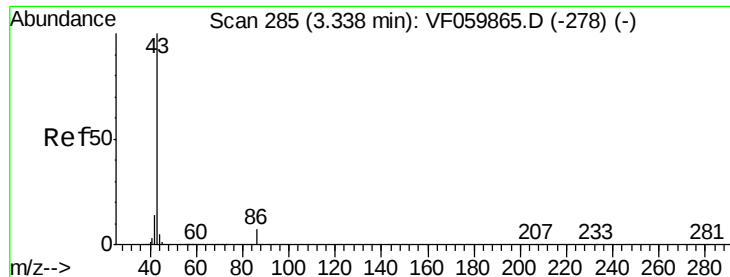
Delta R.T. 0.00 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Tgt Ion:	45	Resp:	66006
Ion Ratio	Lower	Upper	
45	100		
43	62.9	52.1	78.1
87	17.8	13.8	20.8
59	9.5	7.5	11.3





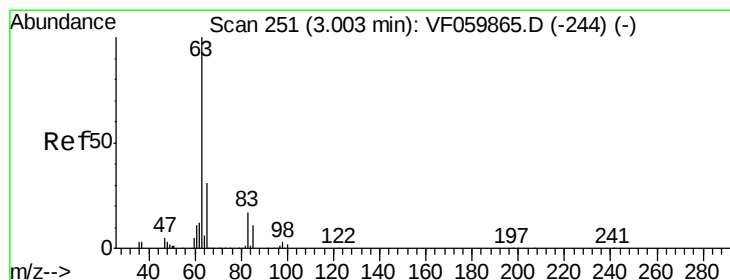
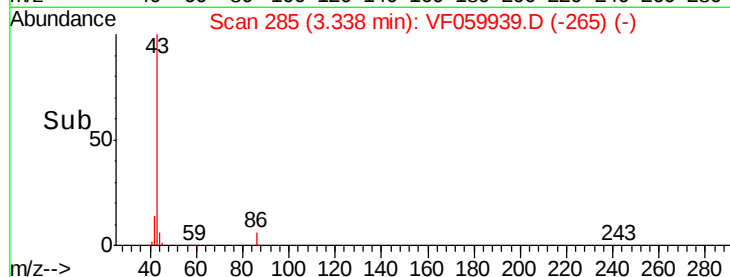
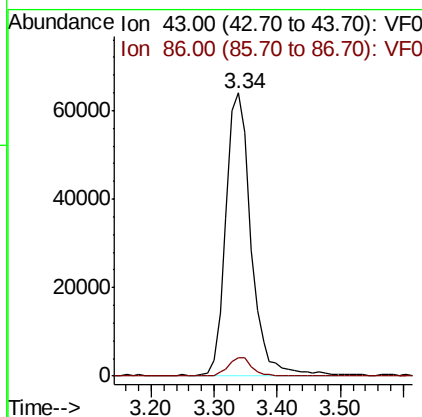
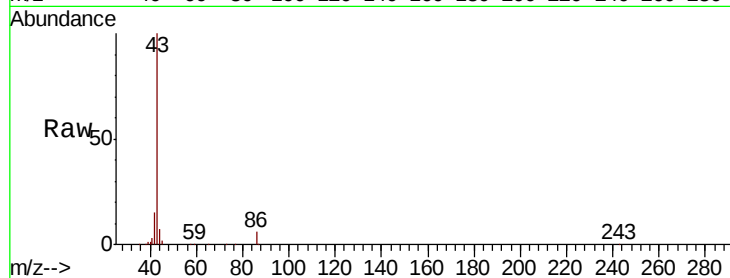
#23
 Vinyl Acetate
 Concen: 114.73 ug/l
 RT: 3.34 min Scan# 285
 Delta R.T. 0.00 min
 Lab File: VF059939.D
 Acq: 10 Aug 2018 12:42

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0810SBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	175962		
86	6.4	5.6	8.4	

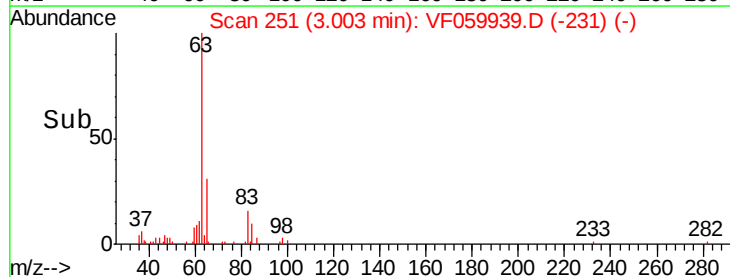
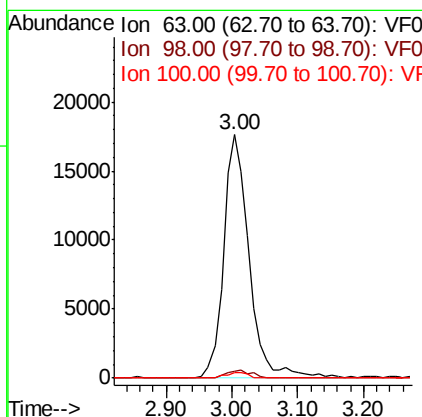
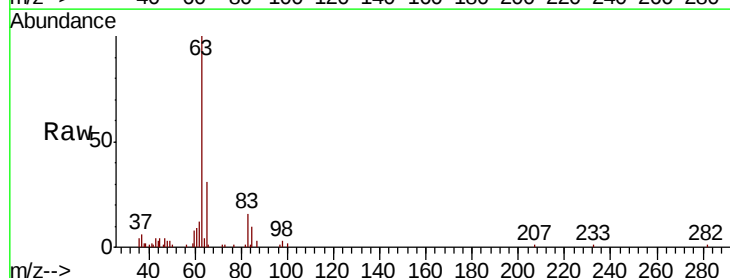
Manual Integrations
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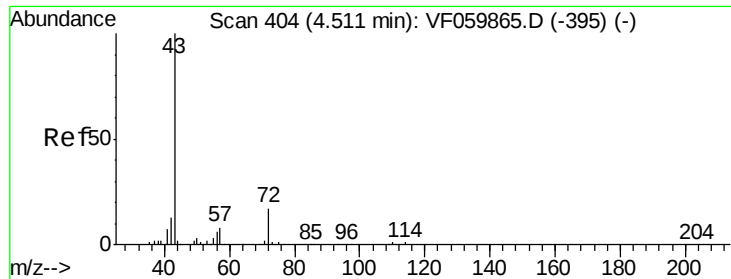
apatel
 8/13/2018 12:33:48 PM



#24
 1,1-Dichloroethane
 Concen: 20.62 ug/l
 RT: 3.00 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VF059939.D
 Acq: 10 Aug 2018 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	47584		
98	2.6	1.9	5.7	
100	2.3	1.1	3.5	





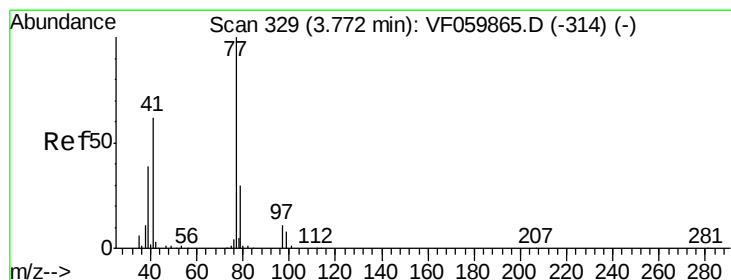
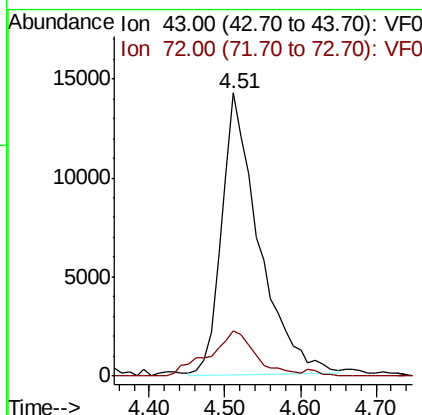
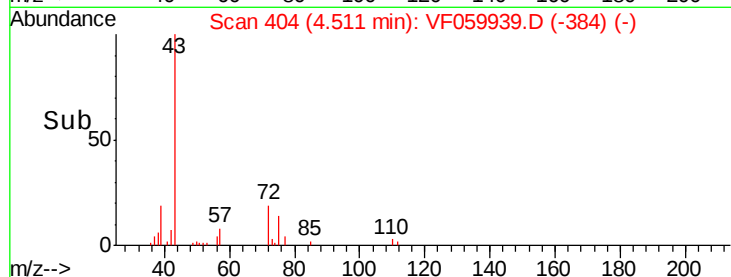
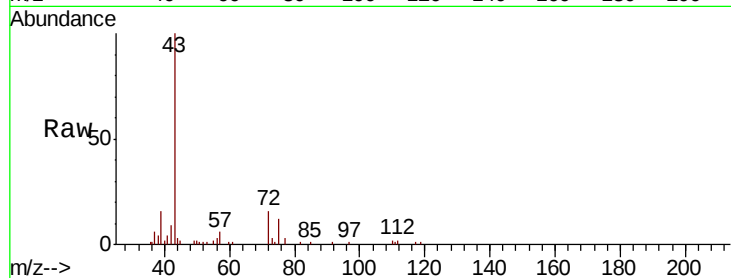
#25
2-Butanone
Concen: 121.25 ug/l
RT: 4.51 min Scan# 404
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBS01

Tot Ion	43	Resp	48524
Ion Ratio	100	Lower	Upper
72	16.2	13.9	20.9

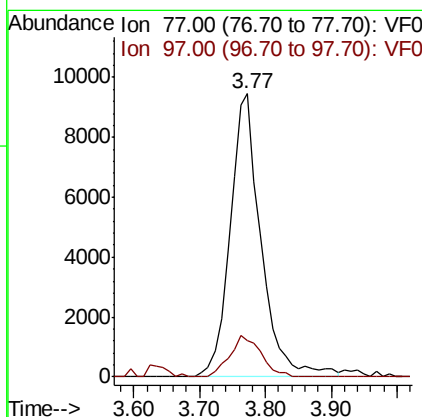
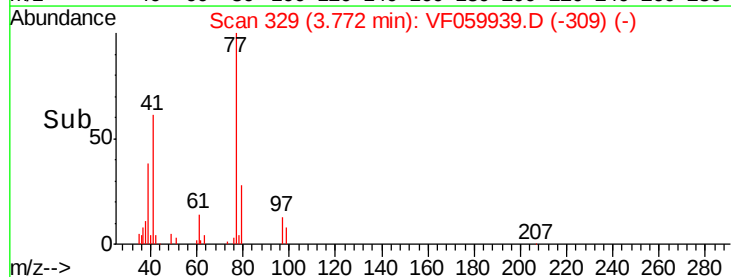
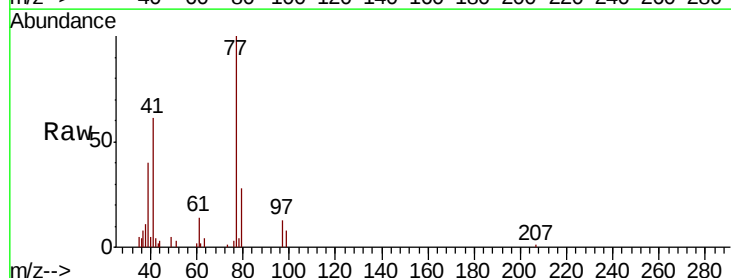
Manual Integrations
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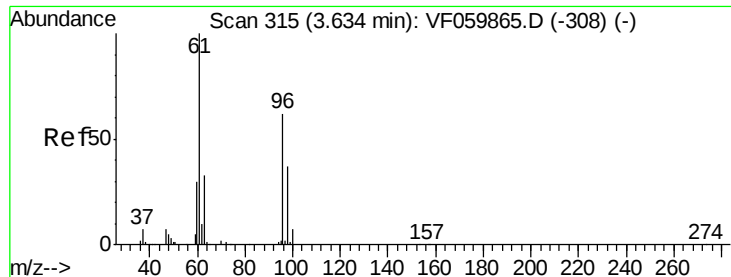
apatel
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#26
2,2-Dichloropropane
Concen: 23.13 ug/l
RT: 3.77 min Scan# 329
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tgt Ion	77	Resp	31066
Ion Ratio	100	Lower	Upper
97	13.0	6.8	20.3





#27

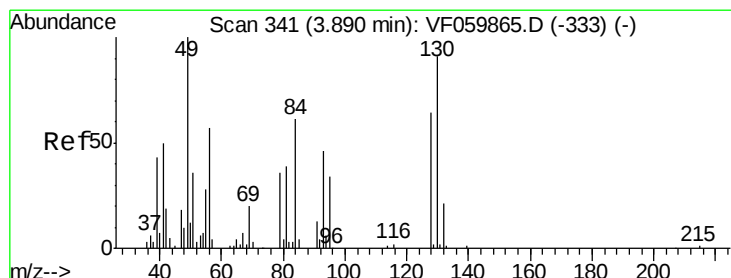
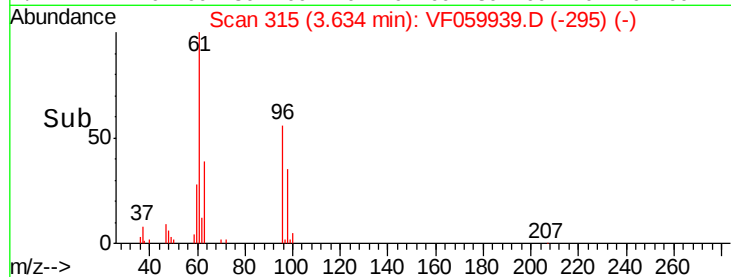
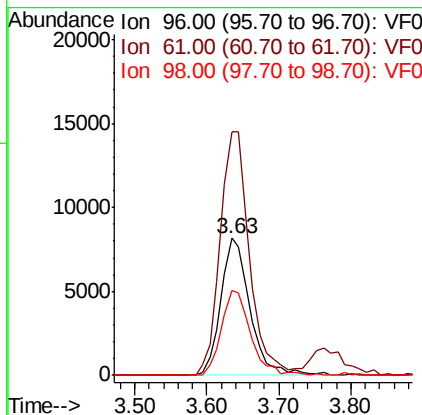
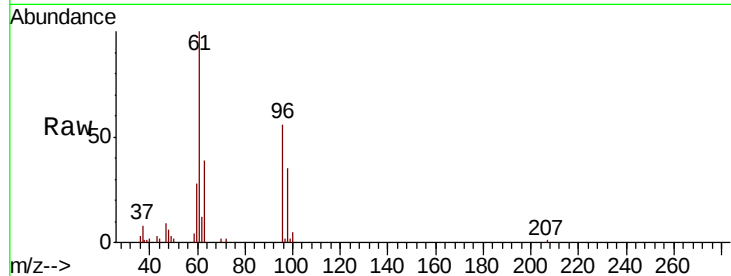
cis-1,2-Dichloroethene
Concen: 20.81 ug/l
RT: 3.63 min Scan# 315
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	177.4	0.0	320.8
98	61.9	0.0	117.6

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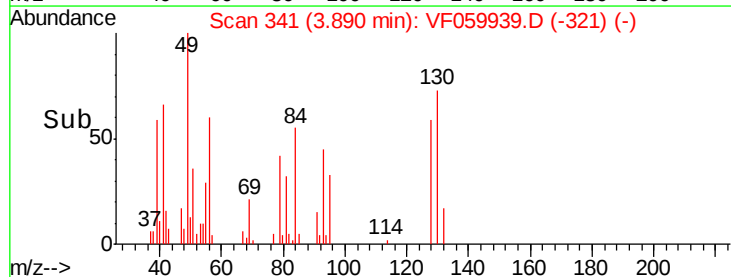
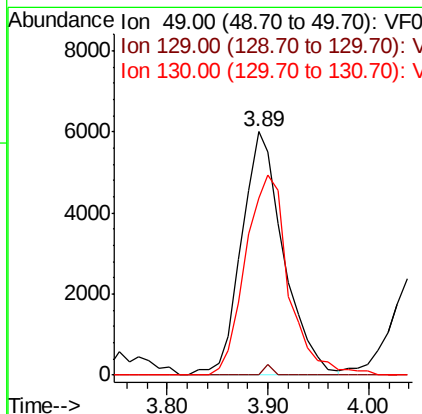
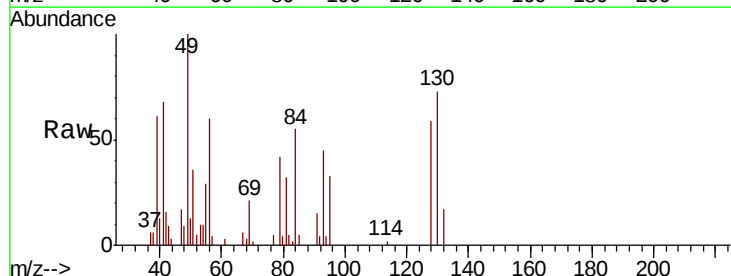
apatel
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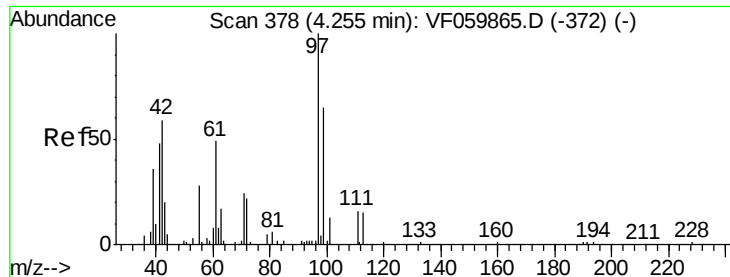


#28

Bromochloromethane
Concen: 21.46 ug/l
RT: 3.89 min Scan# 341
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	72.7	73.8	110.8#





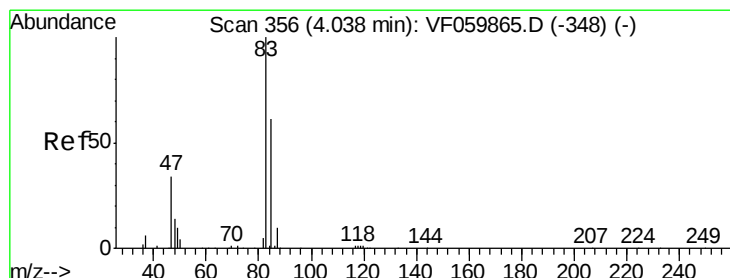
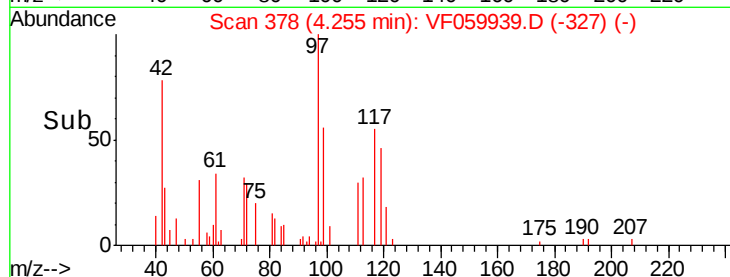
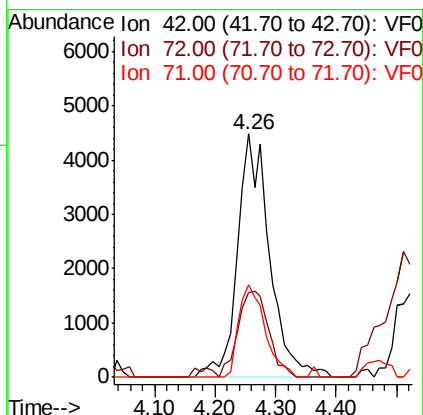
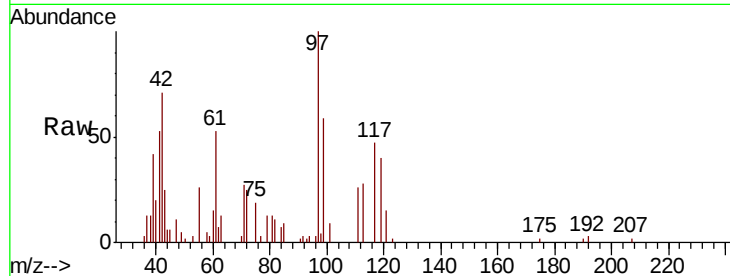
#29
Tetrahydrofuran
Concen: 112.23 ug/l
RT: 4.26 min Scan# 378
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBS01

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
72	33.9	29.3	43.9	
71	31.5	30.0	45.0	

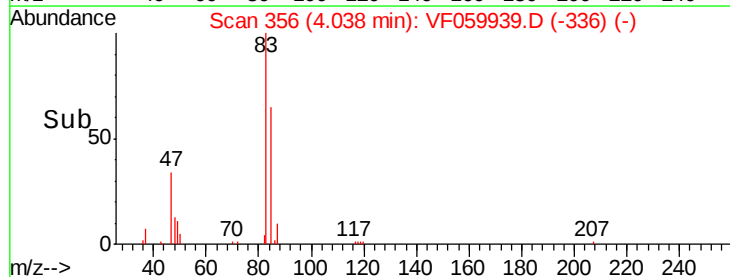
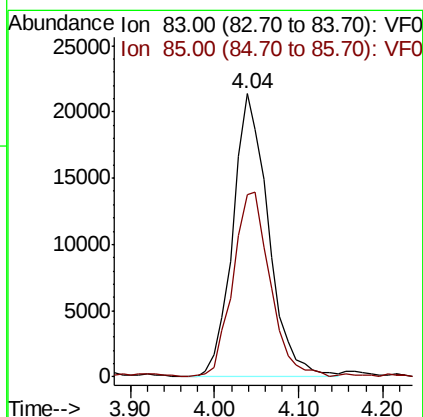
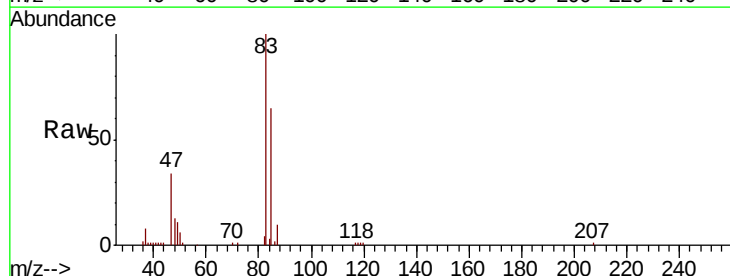
Manual Integrations
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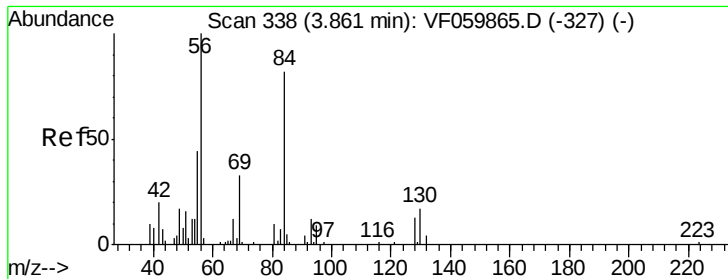
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#30
Chloroform
Concen: 20.23 ug/l
RT: 4.04 min Scan# 356
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.6	49.3	73.9	





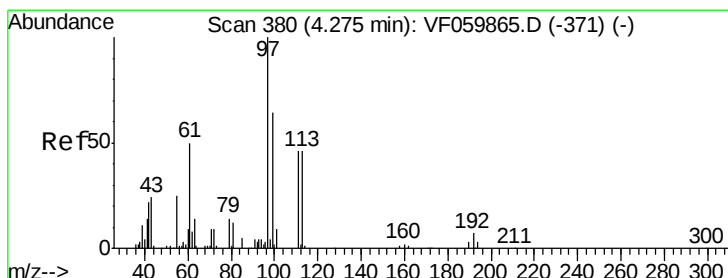
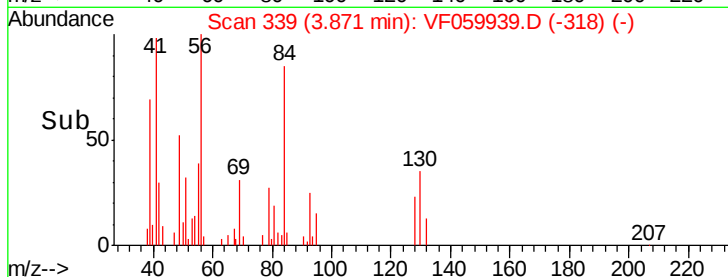
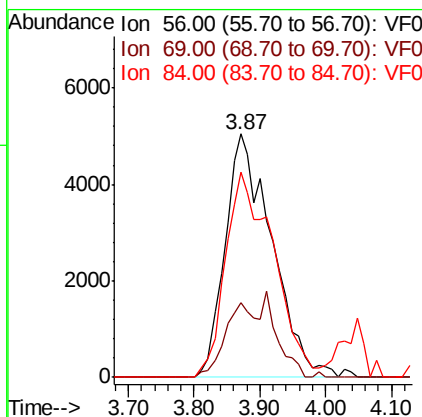
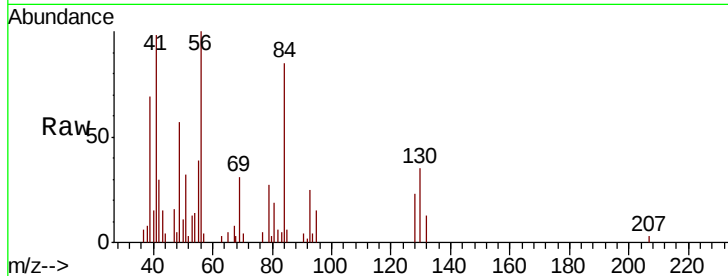
#31
Cyclohexane
Concen: 21.85 ug/l
RT: 3.87 min Scan# 339
Delta R.T. 0.01 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBS01

Tot Ion	56	Resp	24957
Ion Ratio	Lower	Upper	
56	100		
69	30.7	26.7	40.1
84	84.5	65.9	98.9

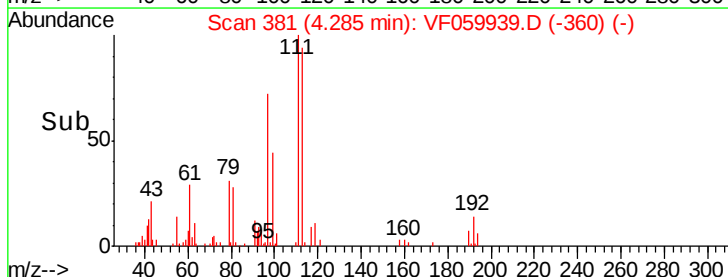
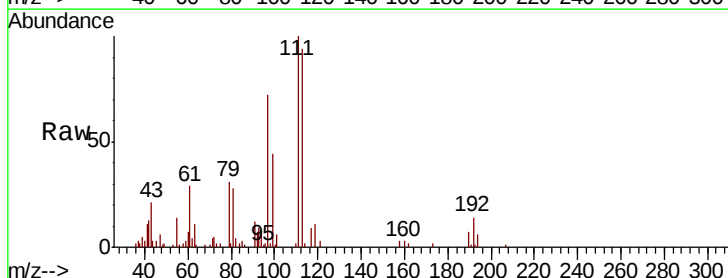
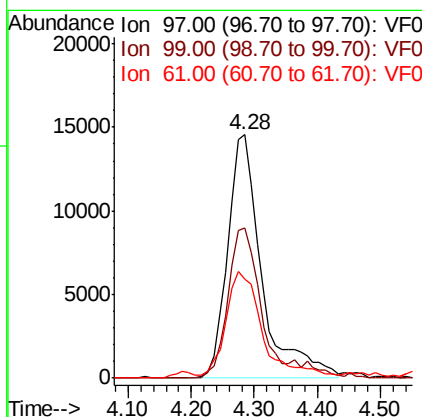
Manual Integrations
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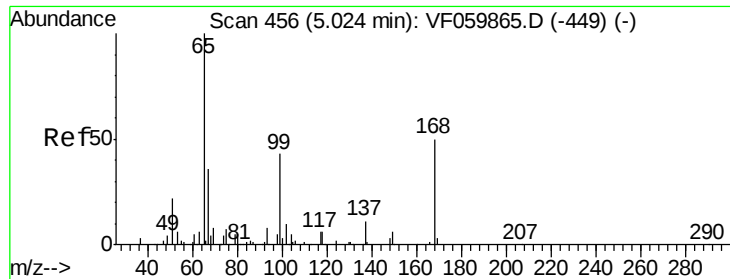
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#32
1,1,1-Trichloroethane
Concen: 21.86 ug/l
RT: 4.28 min Scan# 381
Delta R.T. 0.01 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tgt Ion	97	Resp	54582
Ion Ratio	Lower	Upper	
97	100		
99	61.5	51.4	77.2
61	40.4	40.8	61.2#





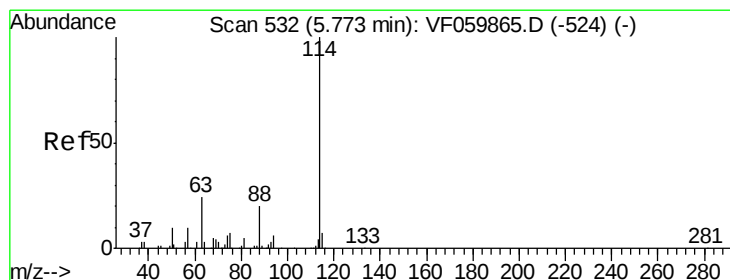
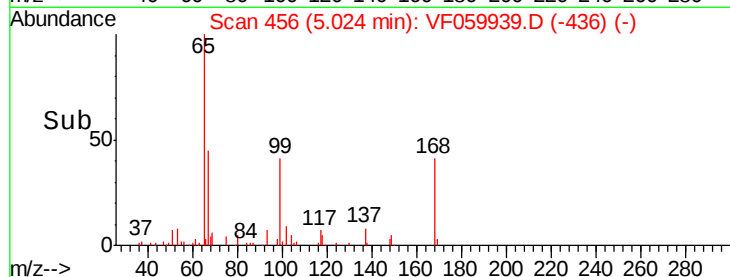
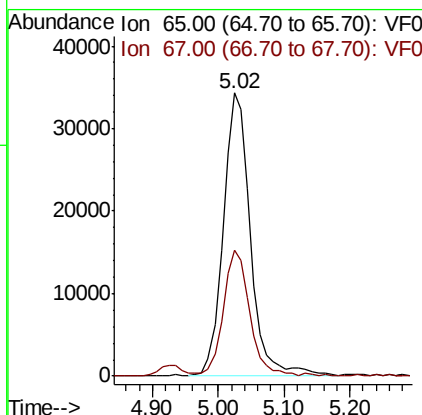
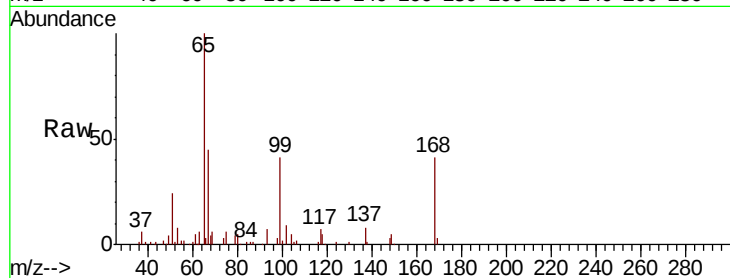
#33
 1,2-Dichloroethane-d4
 Concen: 49.77 ug/l
 RT: 5.02 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: VF059939.D
 Acq: 10 Aug 2018 12:42

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0810SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	44.5	0.0	77.2	

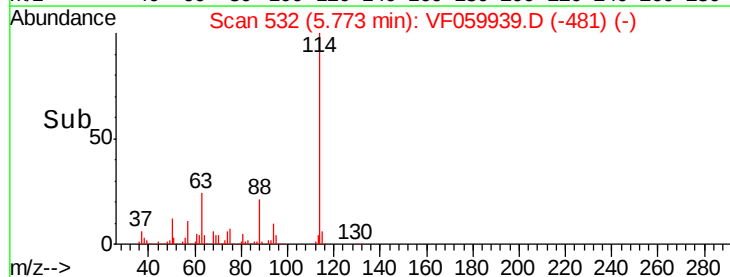
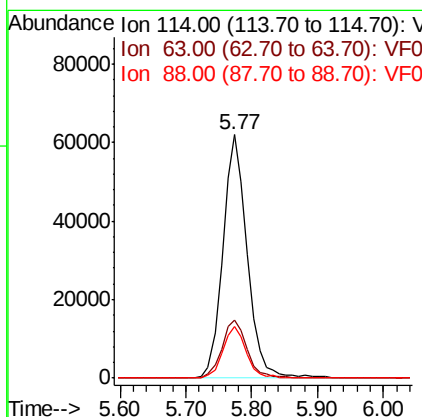
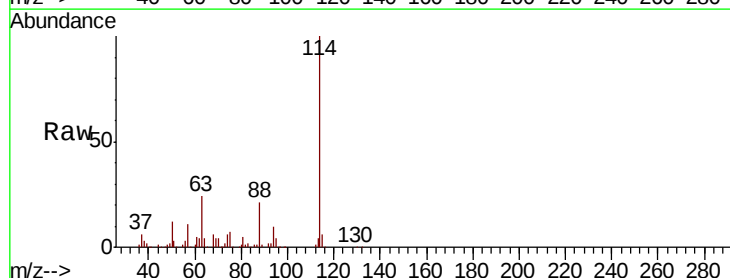
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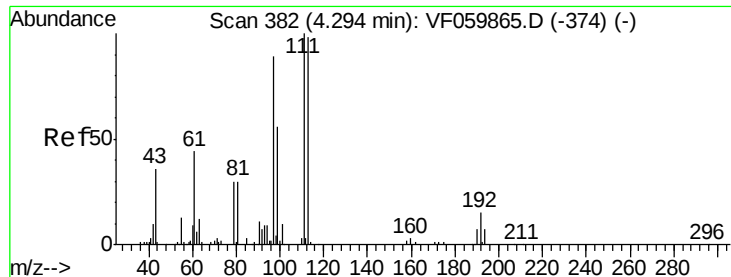
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VF059939.D
 Acq: 10 Aug 2018 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.6	0.0	48.0	
88	21.4	0.0	39.4	





#35

Dibromofluoromethane

Concen: 50.92 ug/l

RT: 4.30 min Scan# 383

Delta R.T. 0.01 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Instrument :

MSVOA_F

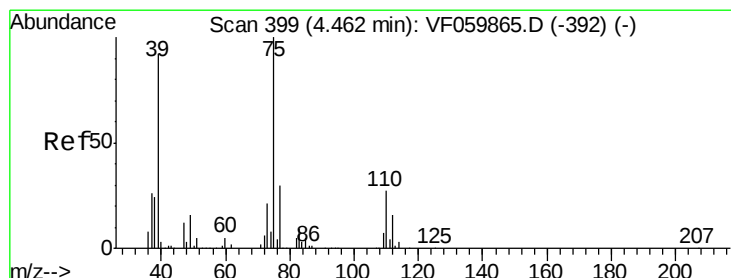
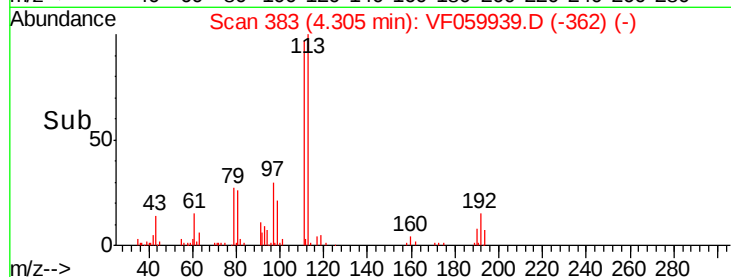
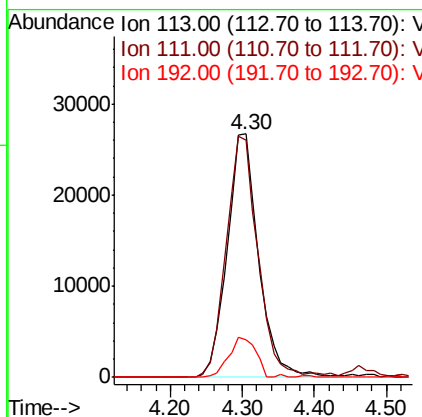
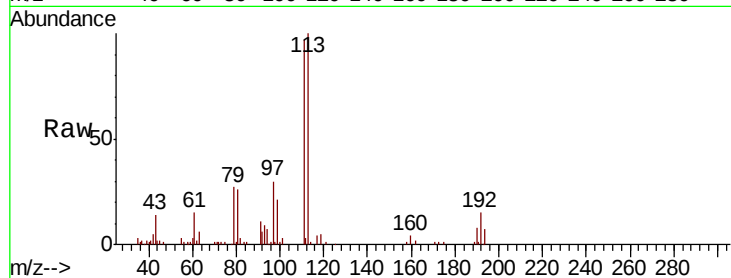
ClientSampleId :

VF0810SBS01

Tot Ion:	113	Resp:	80913
Ion Ratio	Lower	Upper	
113	100		
111	97.2	81.8	122.8
192	15.4	12.4	18.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 22.52 ug/l

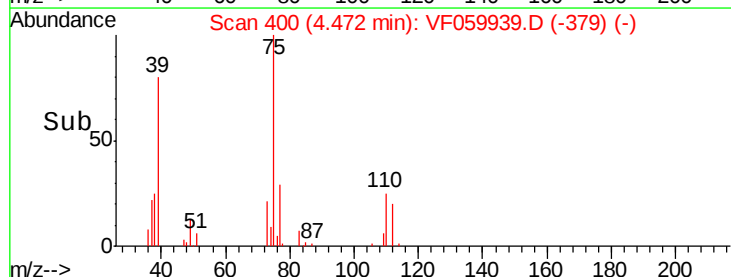
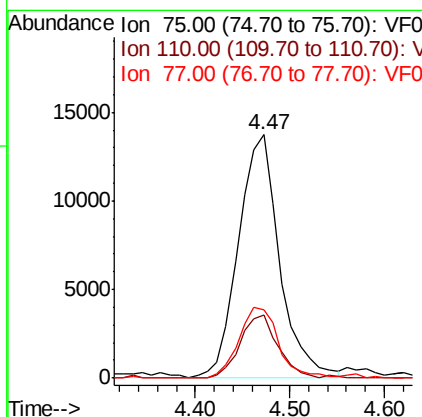
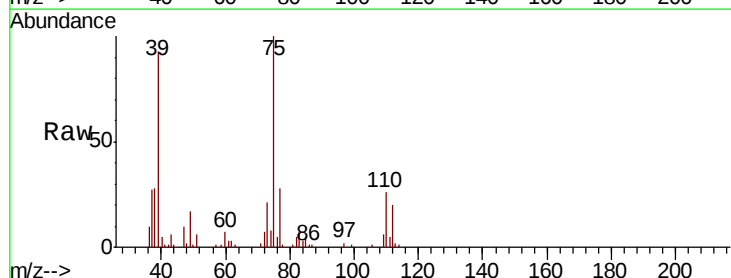
RT: 4.47 min Scan# 400

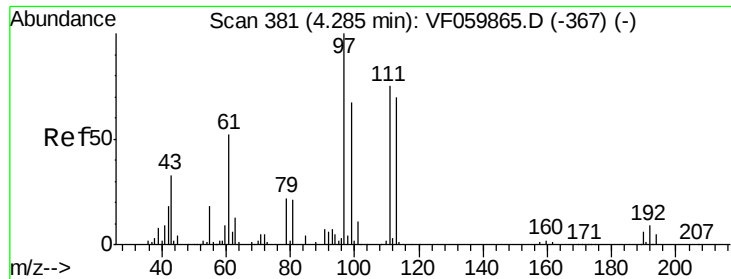
Delta R.T. 0.01 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Tgt Ion:	75	Resp:	41610
Ion Ratio	Lower	Upper	
75	100		
110	25.8	13.6	40.7
77	28.2	23.7	35.5





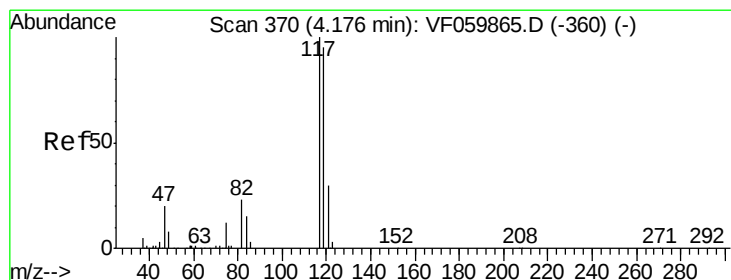
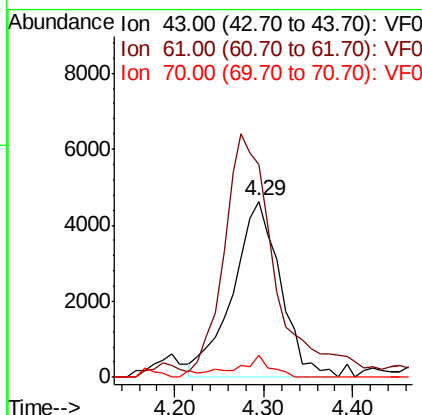
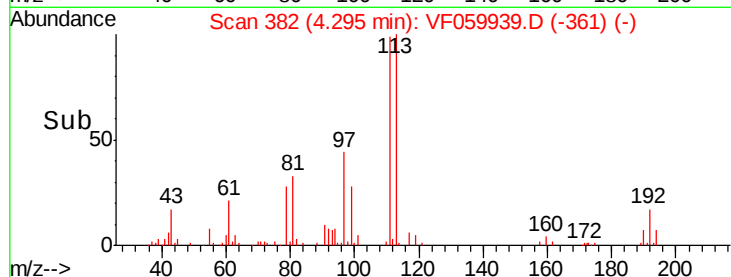
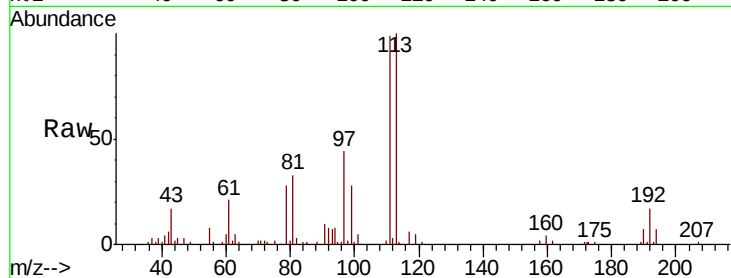
#37
Ethyl Acetate
Concen: 21.66 ug/l
RT: 4.29 min Scan# 382
Delta R.T. 0.01 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	120.9	123.7	185.5#
70	12.4	7.8	11.8#

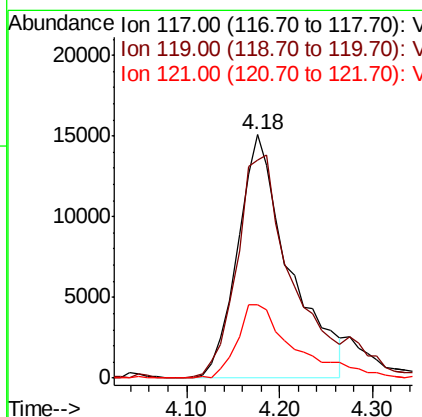
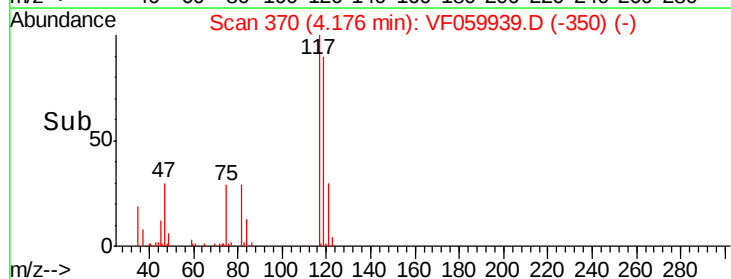
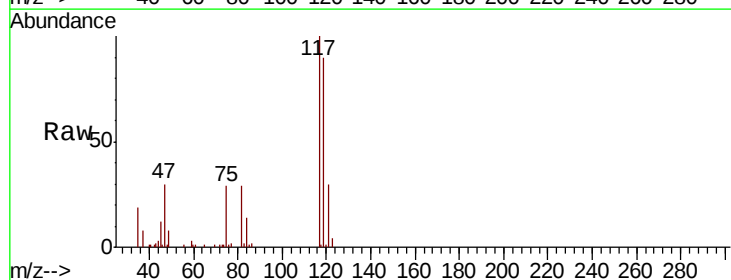
Manual Integrations
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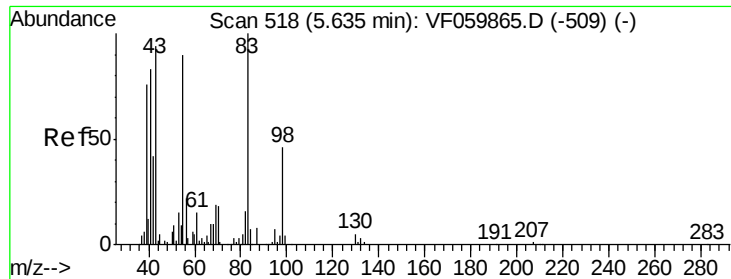
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#38
Carbon Tetrachloride
Concen: 22.06 ug/l m
RT: 4.18 min Scan# 370
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.3	76.5	114.7
121	30.3	23.8	35.8





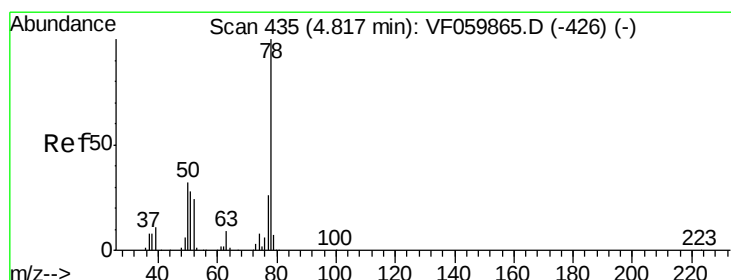
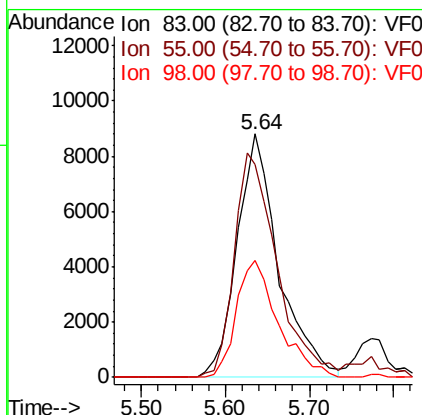
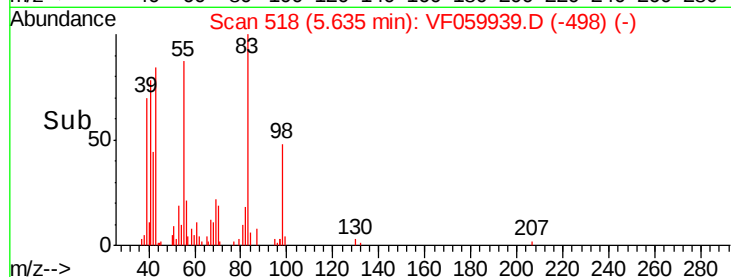
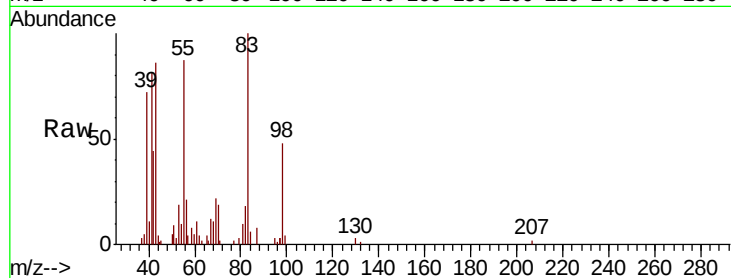
#39
Methvlcvclohexane
Concen: 21.95 ug/l
RT: 5.64 min Scan# 518
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.2	72.0	108.0
98	47.9	36.6	54.8

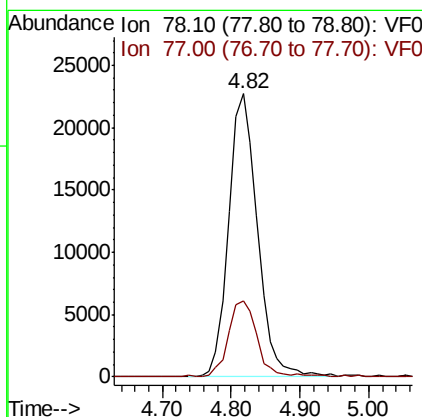
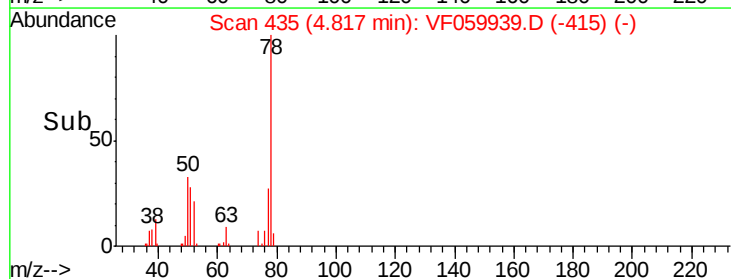
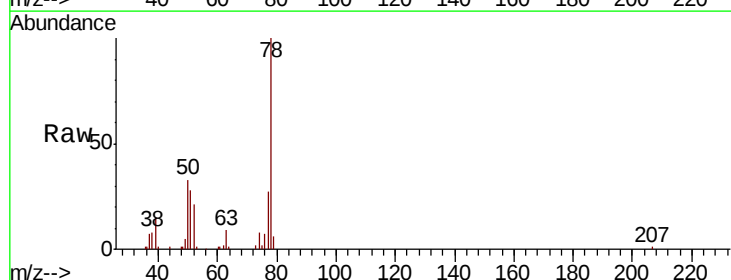
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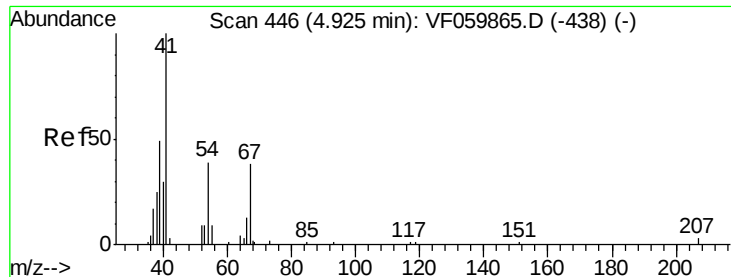
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#40
Benzene
Concen: 18.92 ug/l
RT: 4.82 min Scan# 435
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.9	20.7	31.1





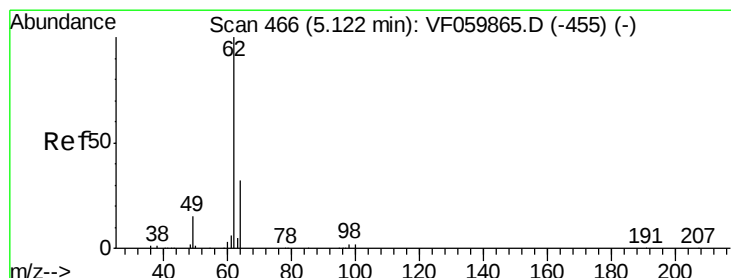
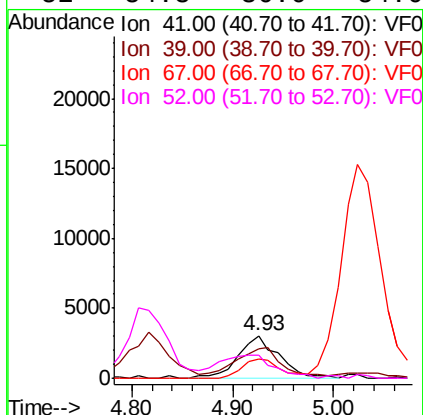
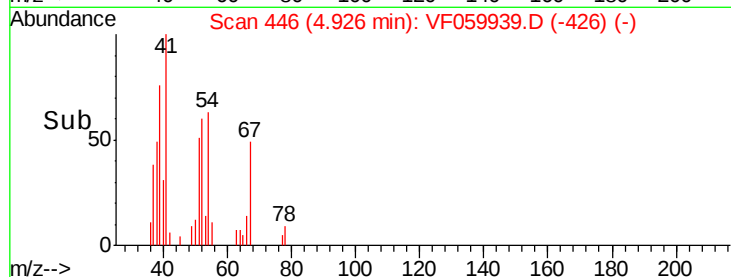
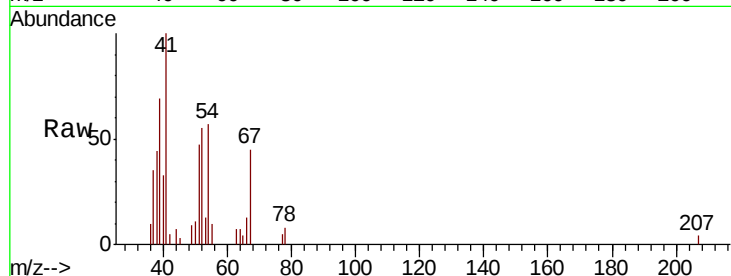
#41
Methacrylonitrile
Concen: 20.63 ug/l
RT: 4.93 min Scan# 446
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBS01

Tot Ion:	41	Resp:	8636
Ion	Ratio	Lower	Upper
41	100		
39	69.4	55.1	82.7
67	45.0	30.3	45.5
52	54.8	36.0	54.0#

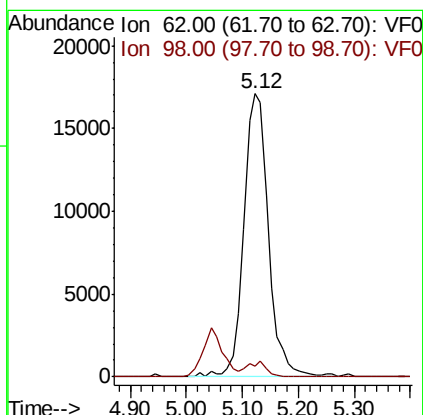
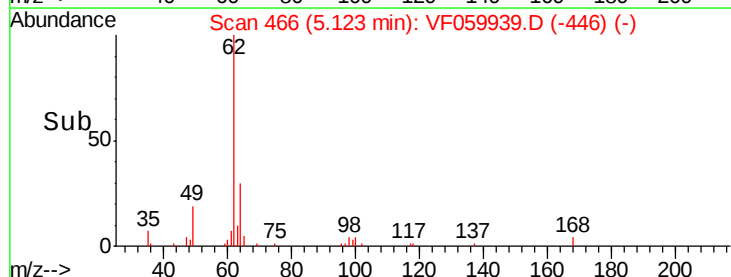
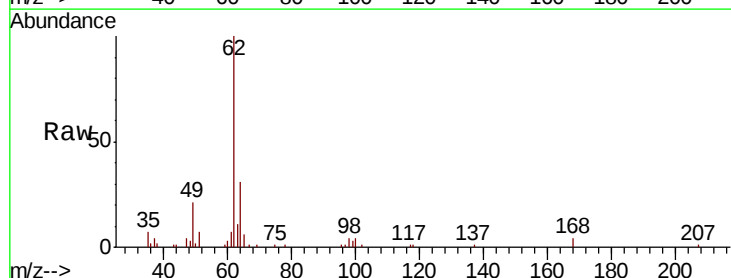
Manual Integrations
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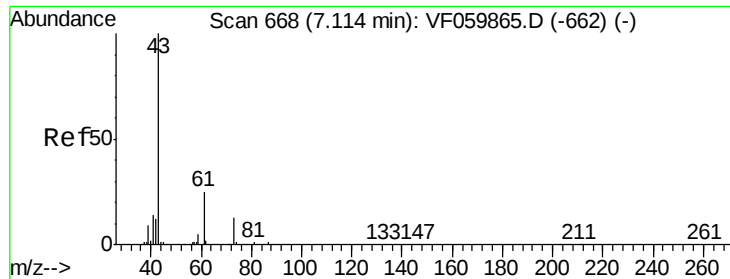
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#42
1,2-Dichloroethane
Concen: 20.25 ug/l
RT: 5.12 min Scan# 466
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tgt Ion:	62	Resp:	51798
Ion	Ratio	Lower	Upper
62	100		
98	3.7	0.0	7.6





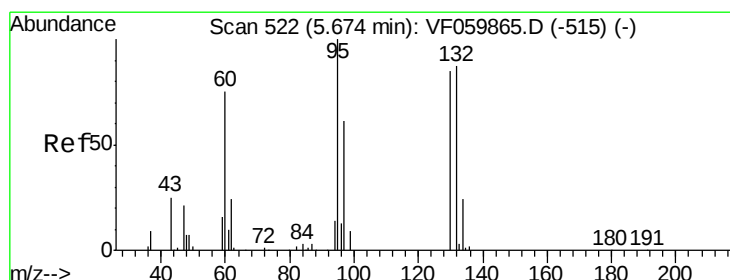
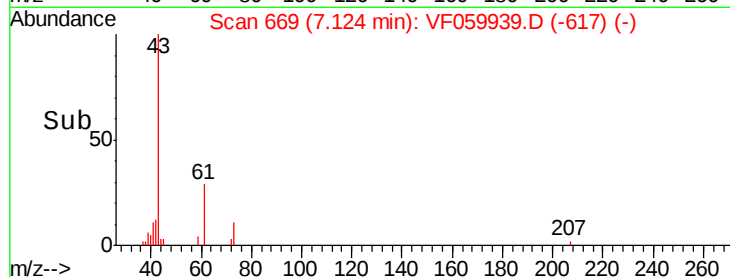
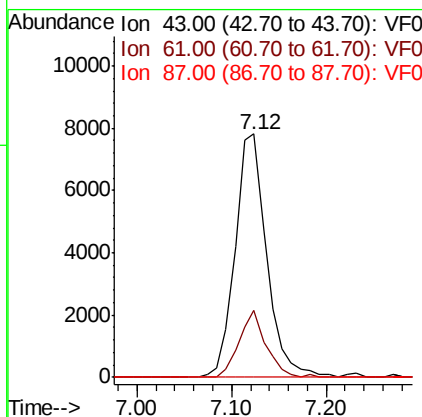
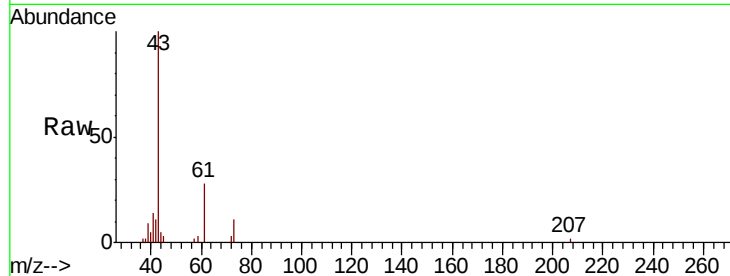
#43
Isopropyl Acetate
Concen: 22.09 ug/l
RT: 7.12 min Scan# 669
Delta R.T. 0.01 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.6	20.3	30.5
87	0.0	0.7	1.1#

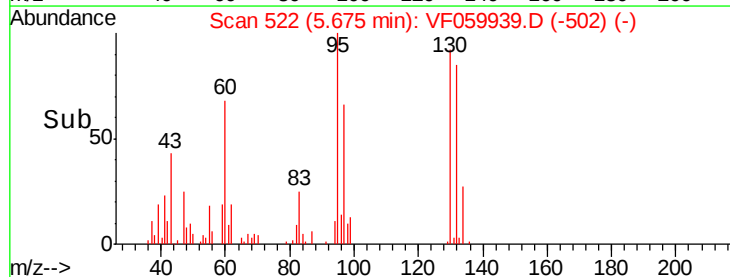
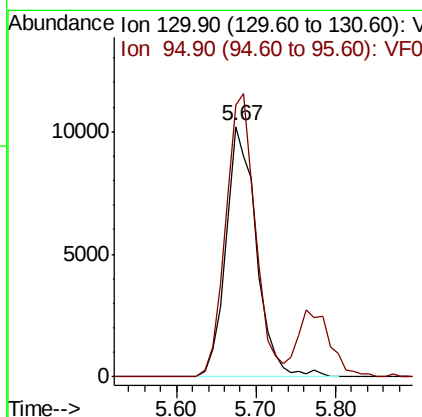
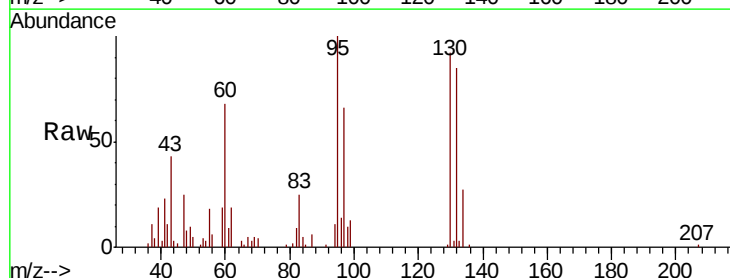
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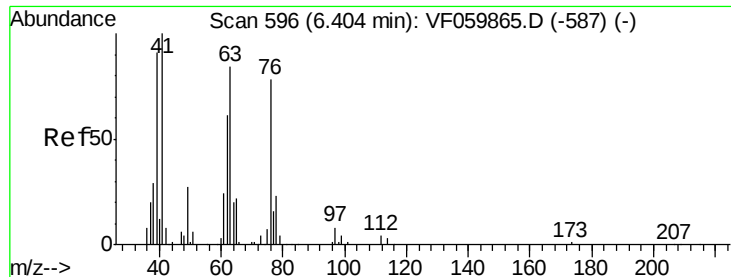
apatel
8/13/2018 12:33:48 PM



#44
Trichloroethene
Concen: 22.24 ug/l
RT: 5.67 min Scan# 522
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	108.8	0.0	236.8





#45

1,2-Dichloropropane

Concen: 21.13 ug/l

RT: 6.40 min Scan# 596

Delta R.T. 0.00 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Instrument :

MSVOA_F

ClientSampleId :

VF0810SBS01

Tot Ion: 63 Resp: 17912

Ion Ratio Lower Upper

63 100

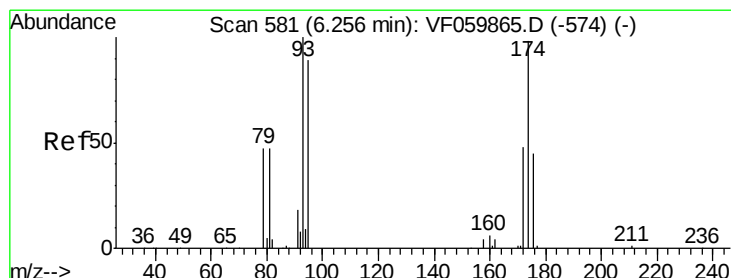
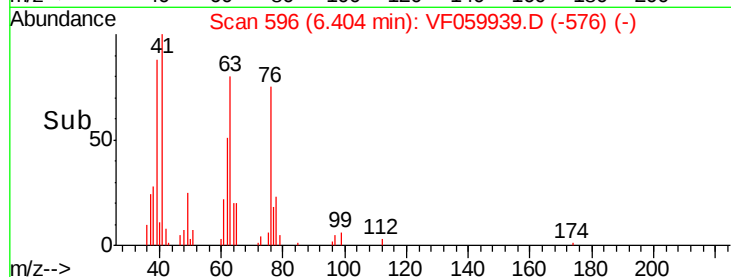
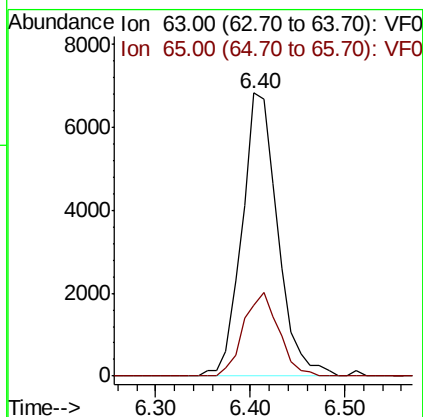
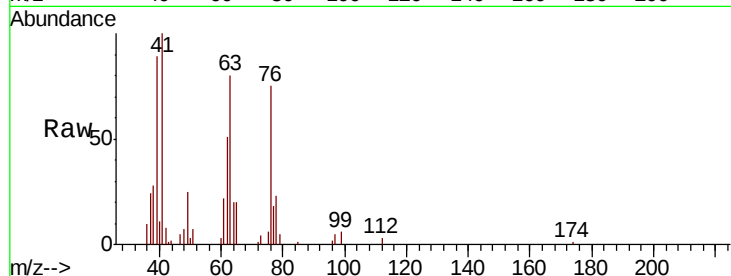
65 25.0 20.4 30.6

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#46

Dibromomethane

Concen: 19.47 ug/l

RT: 6.27 min Scan# 582

Delta R.T. 0.01 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

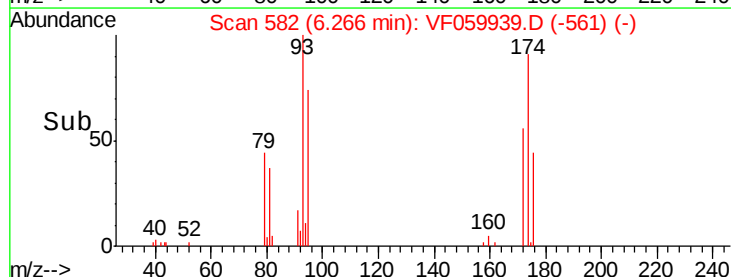
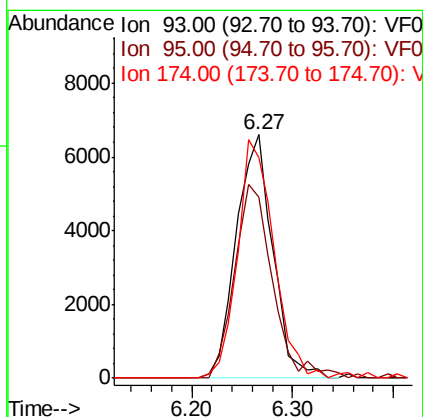
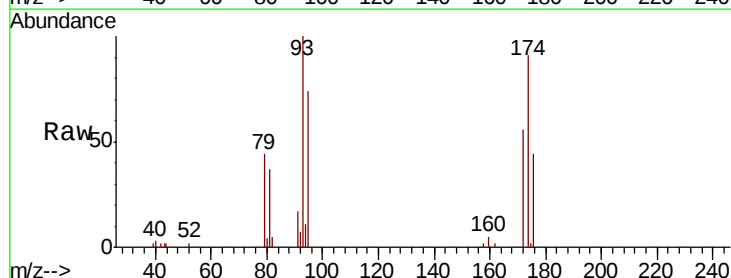
Tgt Ion: 93 Resp: 16653

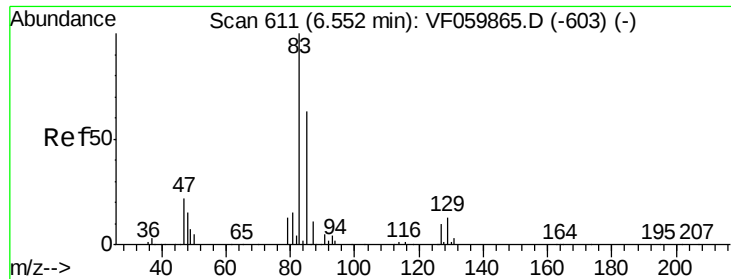
Ion Ratio Lower Upper

93 100

95 74.4 71.4 107.2

174 92.8 78.1 117.1





#47

Bromodichloromethane

Concen: 21.56 ug/l

RT: 6.55 min Scan# 611

Delta R.T. 0.00 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Instrument :

MSVOA_F

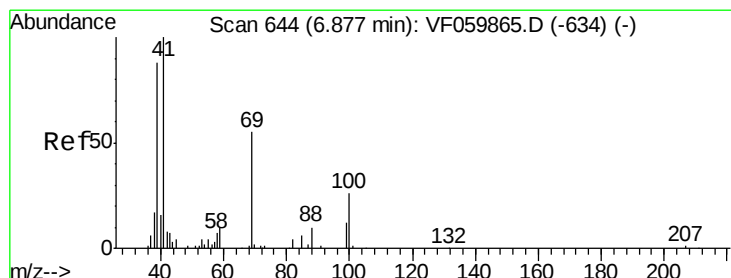
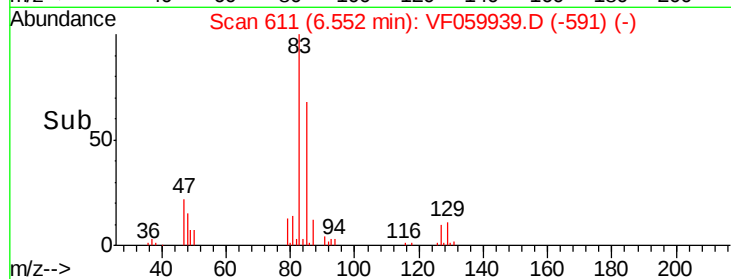
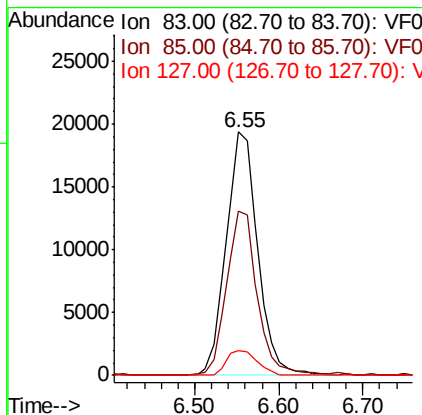
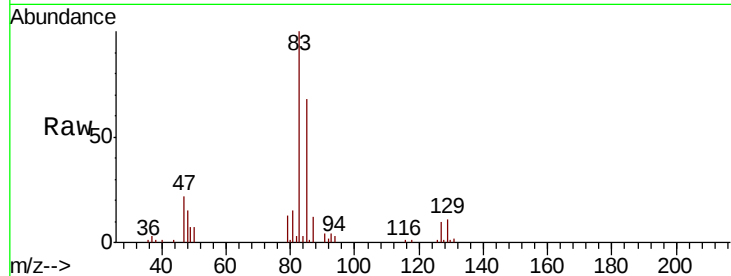
ClientSampleId :

VF0810SBS01

Tot Ion:	83	Resp:	50441
Ion	Ratio	Lower	Upper
83	100		
85	67.7	50.7	76.1
127	11.3	8.0	12.0

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#48

Methyl methacrylate

Concen: 21.50 ug/l

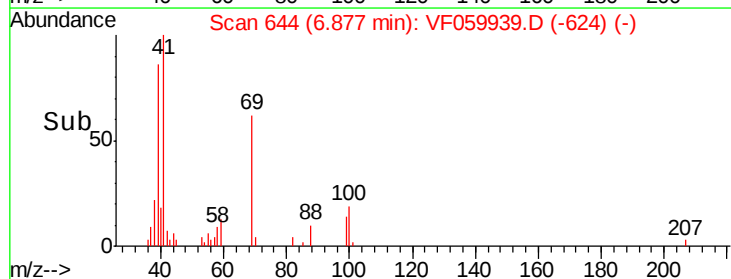
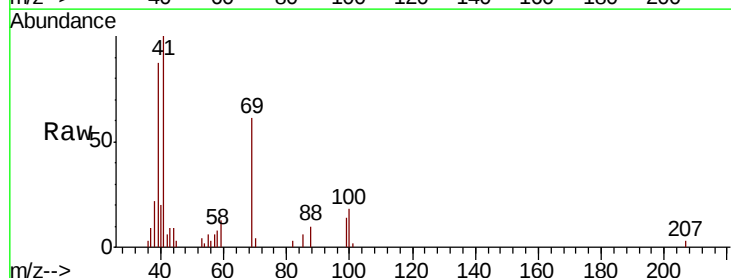
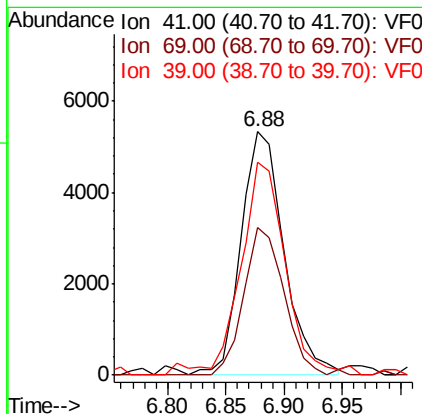
RT: 6.88 min Scan# 644

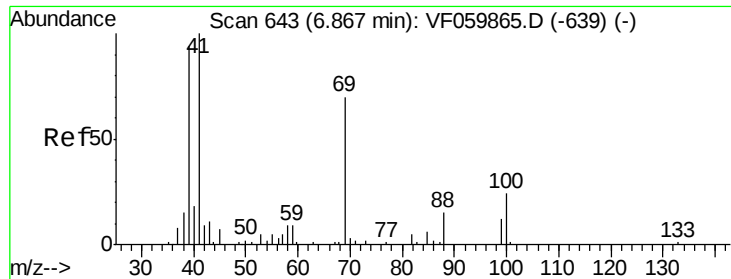
Delta R.T. 0.00 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Tgt Ion:	41	Resp:	13662
Ion	Ratio	Lower	Upper
41	100		
69	60.6	44.4	66.6
39	87.4	70.6	106.0





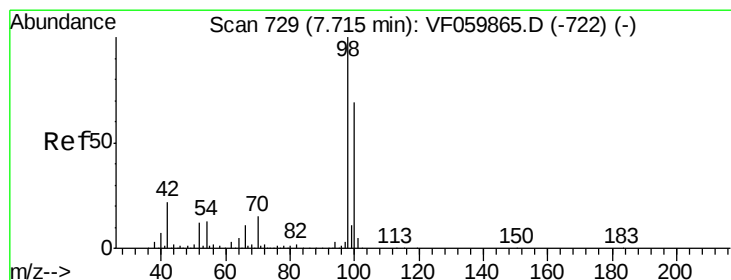
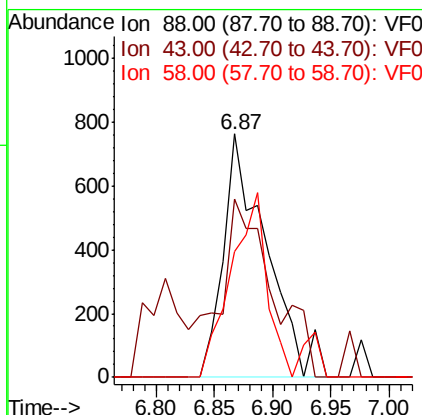
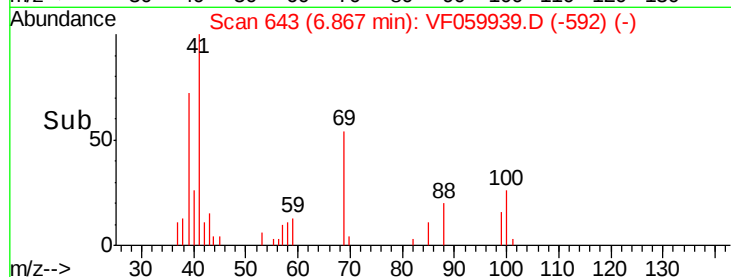
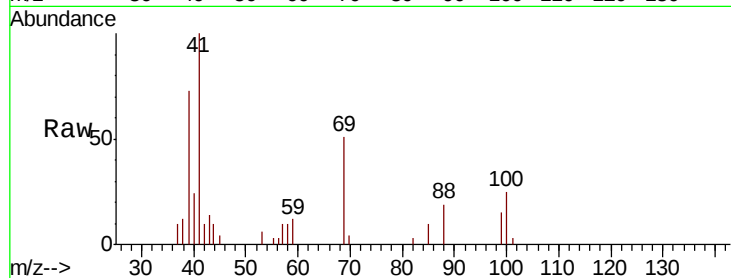
#49
1,4-Dioxane
Concen: 473.02 ug/l
RT: 6.87 min Scan# 643
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	73.2	58.3	87.5
58	52.0	49.4	74.2

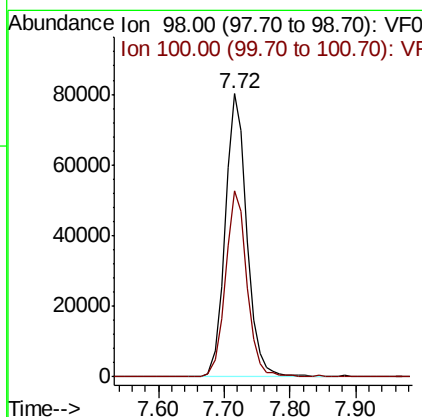
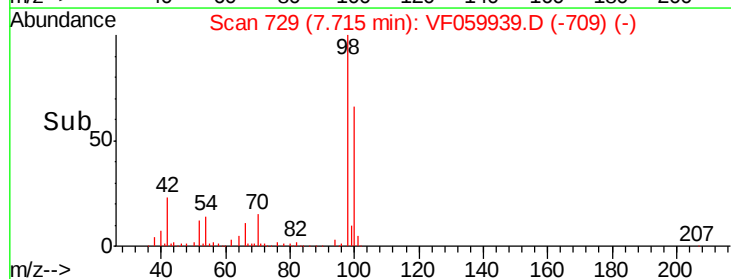
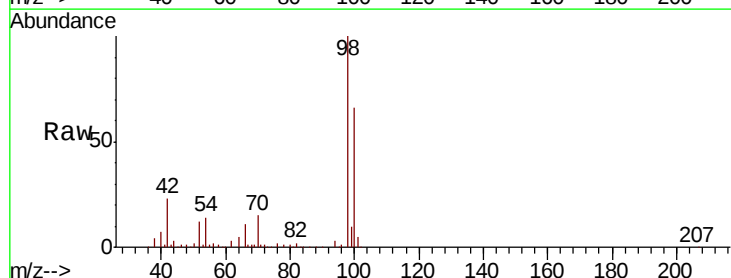
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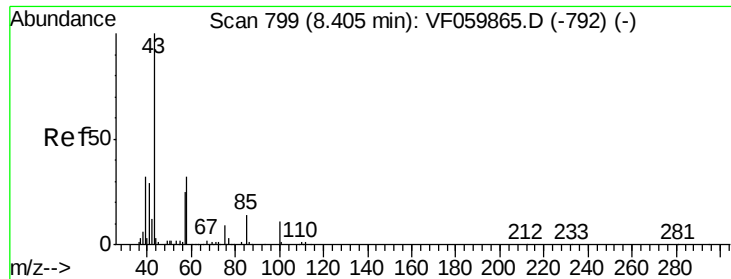
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#50
Toluene-d8
Concen: 54.54 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	55.0	82.6





#51

4-Methyl-2-Pentanone

Concen: 107.26 ug/l

RT: 8.41 min Scan# 800

Delta R.T. 0.01 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Instrument :

MSVOA_F

ClientSampleId :

VF0810SBS01

Tot Ion: 43 Resp: 89572

Ion Ratio Lower Upper

43 100

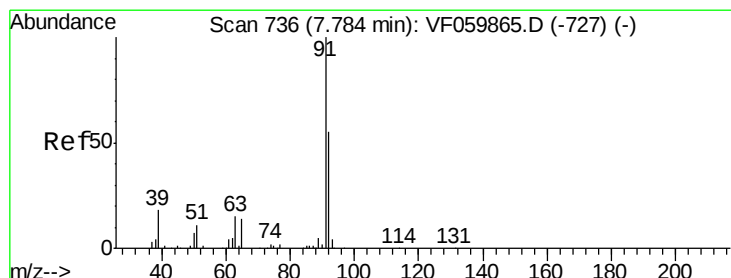
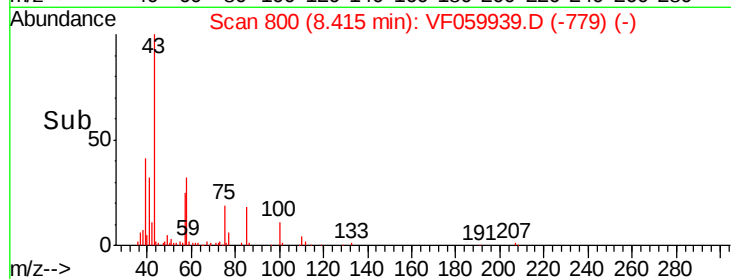
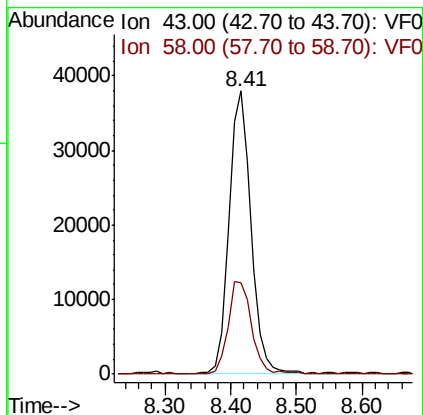
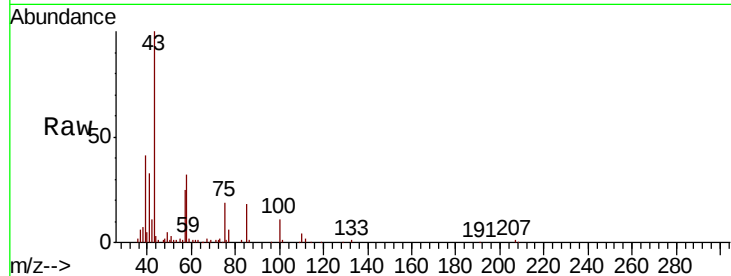
58 32.3 25.4 38.0

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#52

Toluene

Concen: 23.07 ug/l

RT: 7.78 min Scan# 736

Delta R.T. 0.00 min

Lab File: VF059939.D

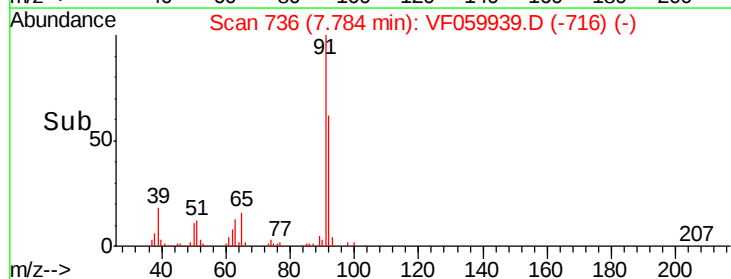
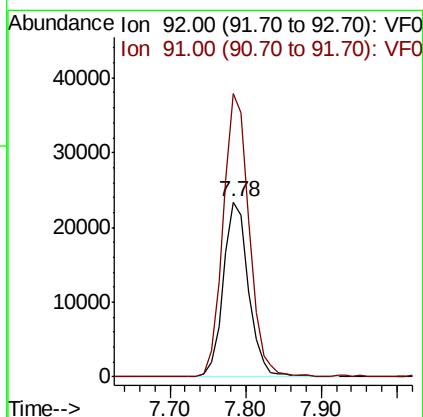
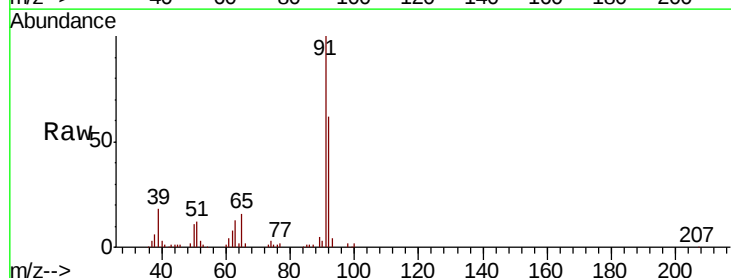
Acq: 10 Aug 2018 12:42

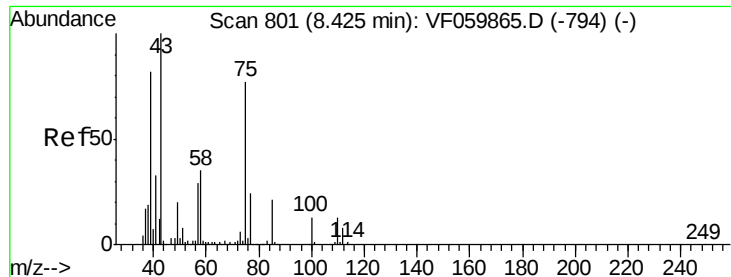
Tgt Ion: 92 Resp: 53832

Ion Ratio Lower Upper

92 100

91 162.0 145.7 218.5





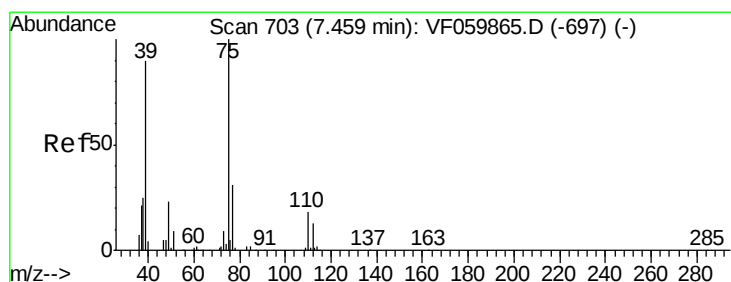
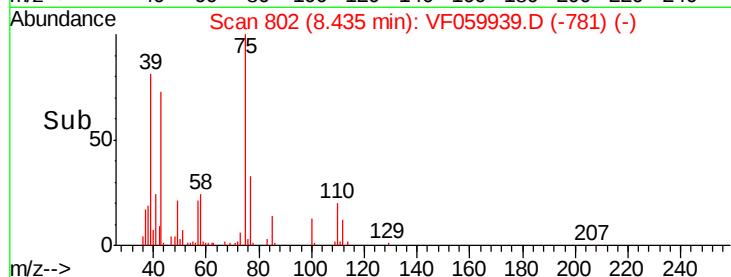
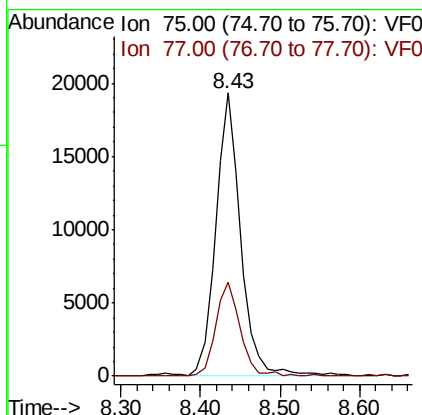
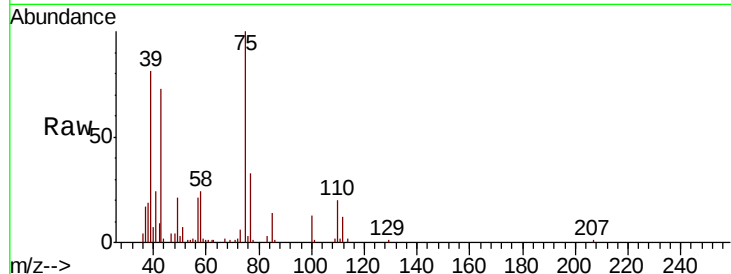
#53
 t-1,3-Dichloropropene
 Concen: 23.86 ug/l
 RT: 8.43 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VF059939.D
 Acq: 10 Aug 2018 12:42

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0810SBS01

Tot Ion: 75 Resp: 42470
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.5 36.7

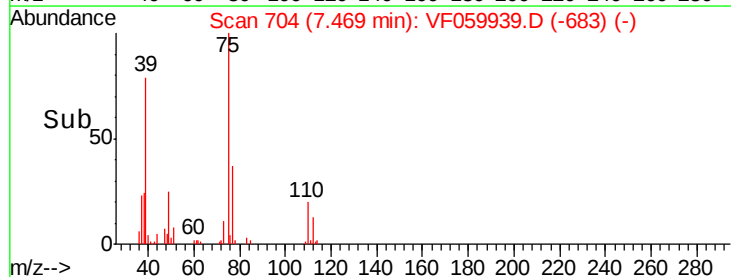
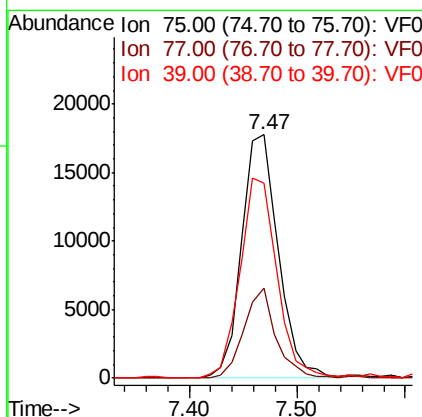
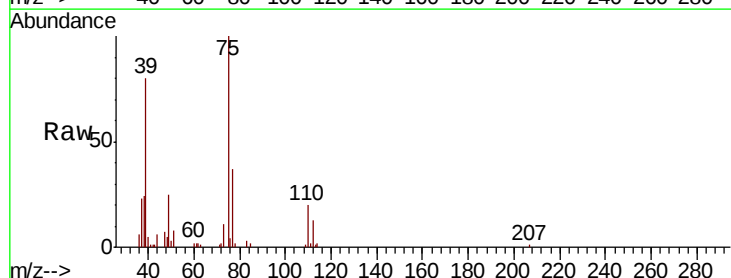
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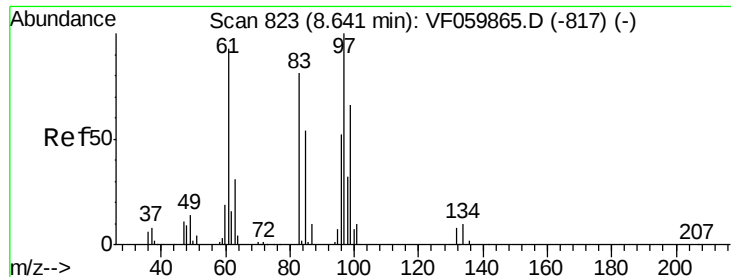
apatel
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#54
 cis-1,3-Dichloropropene
 Concen: 22.87 ug/l
 RT: 7.47 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: VF059939.D
 Acq: 10 Aug 2018 12:42

Tgt Ion: 75 Resp: 42016
 Ion Ratio Lower Upper
 75 100
 77 37.1 24.7 37.1#
 39 79.9 72.0 108.0





#55

1,1,2-Trichloroethane

Concen: 20.51 ug/l

RT: 8.65 min Scan# 824

Delta R.T. 0.01 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Instrument :

MSVOA_F

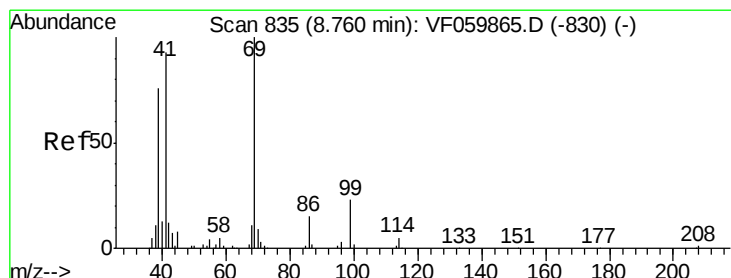
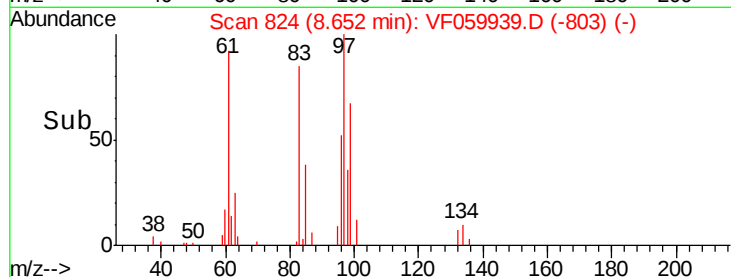
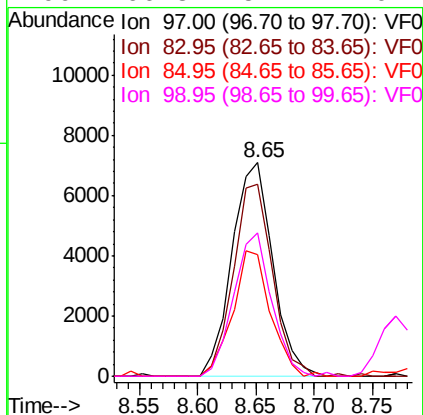
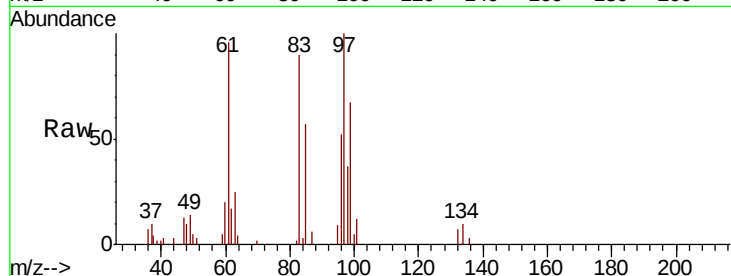
ClientSampleId :

VF0810SBS01

Tot Ion:	97	Resp:	17226
Ion	Ratio	Lower	Upper
97	100		
83	89.7	64.4	96.6
85	57.2	43.1	64.7
99	66.8	52.7	79.1

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#56

Ethyl methacrylate

Concen: 20.96 ug/l

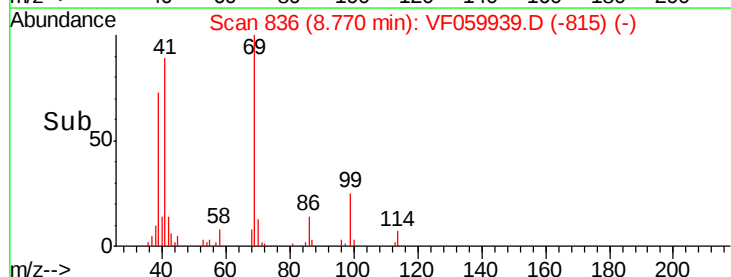
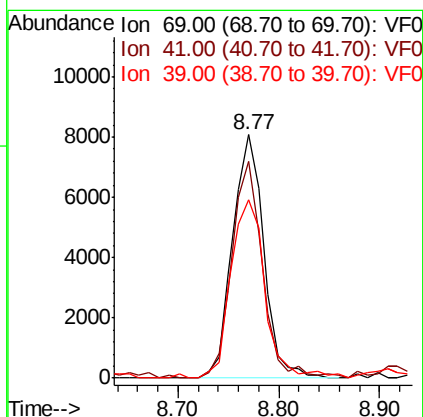
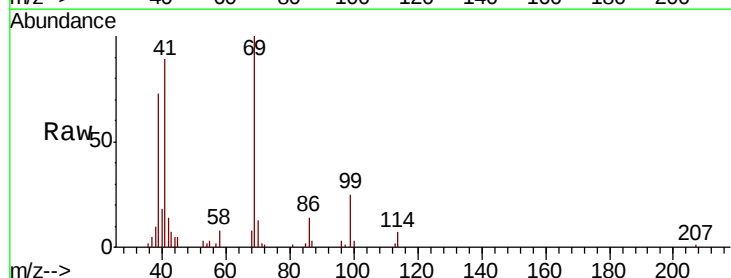
RT: 8.77 min Scan# 836

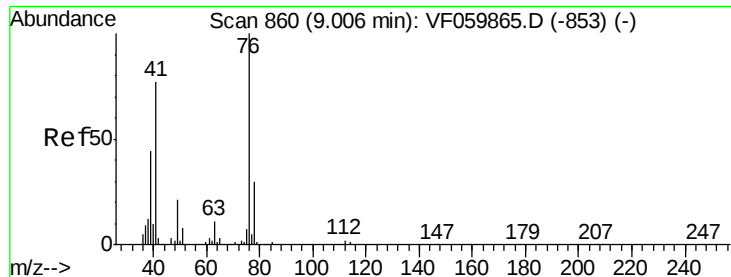
Delta R.T. 0.01 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Tgt Ion:	69	Resp:	17377
Ion	Ratio	Lower	Upper
69	100		
41	89.2	74.7	112.1
39	73.4	61.1	91.7





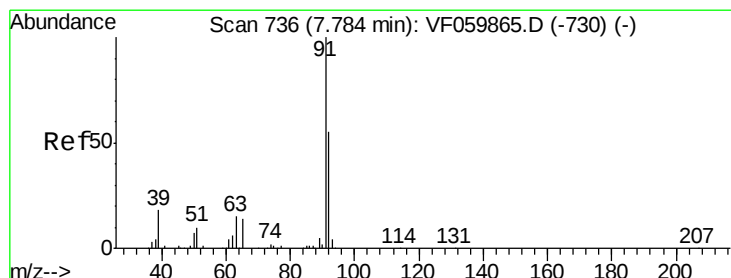
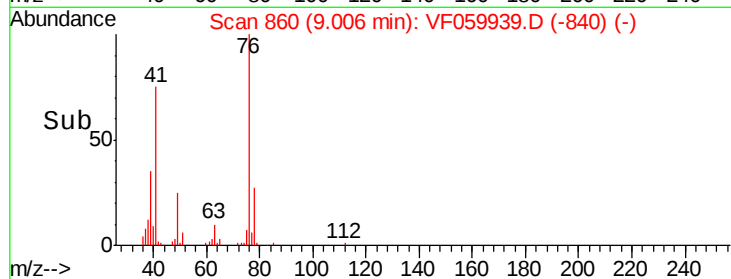
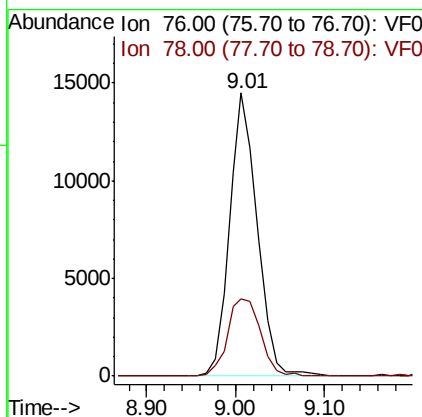
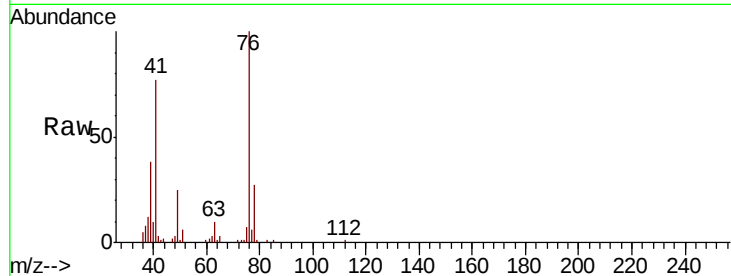
#57
 1,3-Dichloropropane
 Concen: 21.83 ug/l
 RT: 9.01 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VF059939.D
 Acq: 10 Aug 2018 12:42

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0810SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	27.4	24.2	36.2

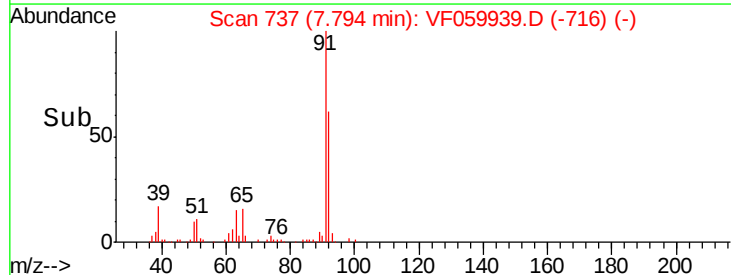
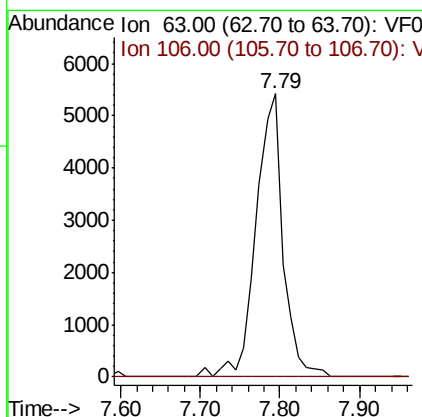
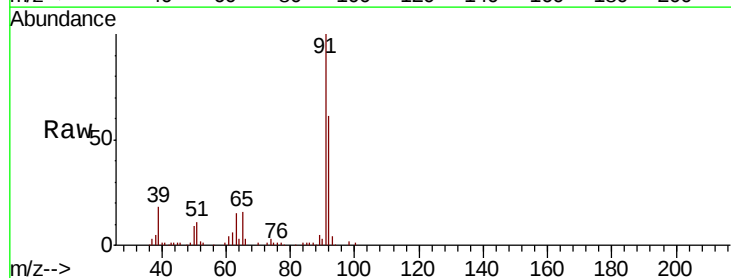
Manual Integrations
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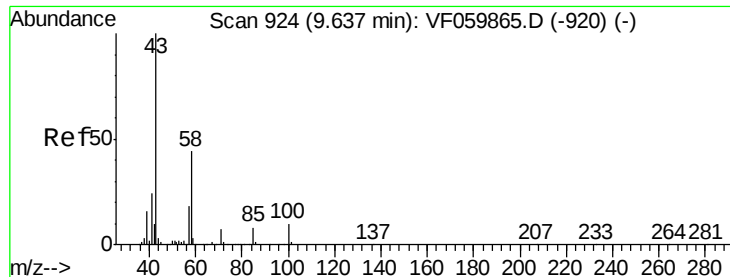
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 113.83 ug/l
 RT: 7.79 min Scan# 737
 Delta R.T. 0.01 min
 Lab File: VF059939.D
 Acq: 10 Aug 2018 12:42

Tgt Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0





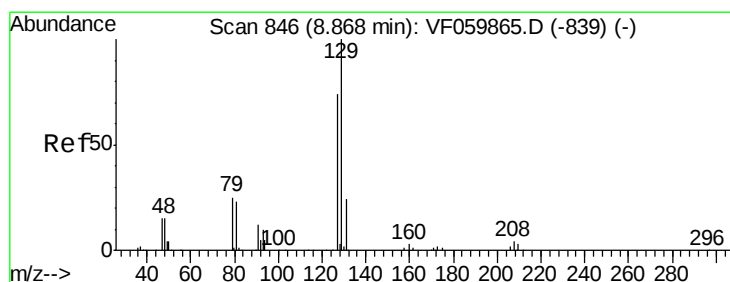
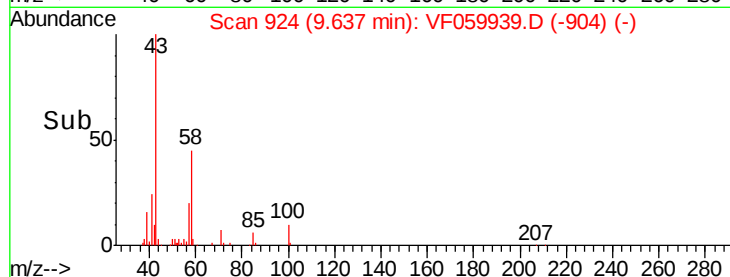
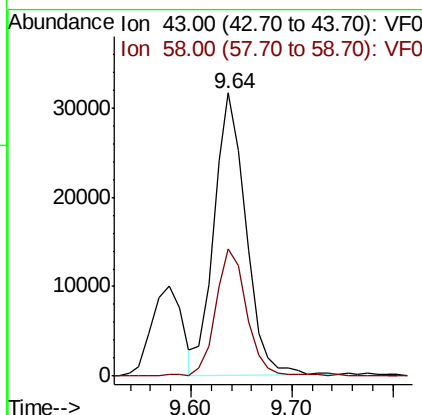
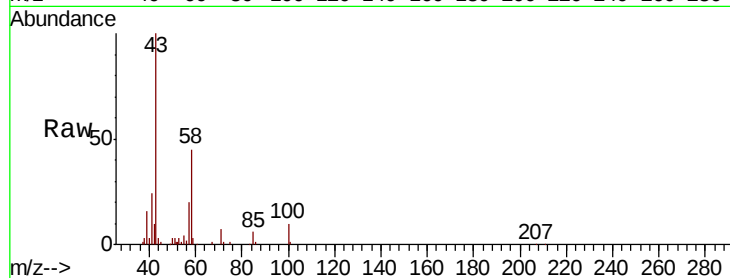
#59
2-Hexanone
Concen: 116.88 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.9	20.8	62.2

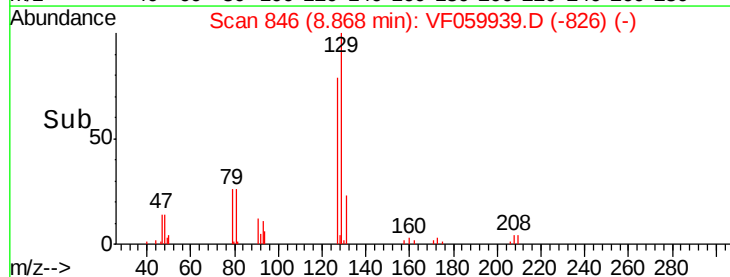
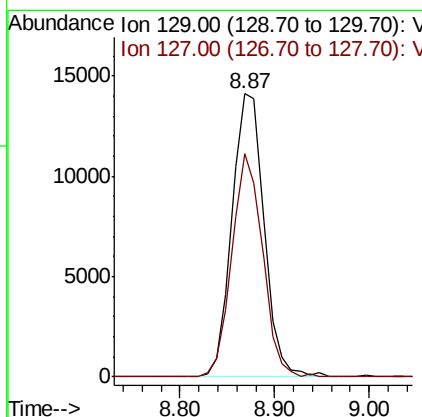
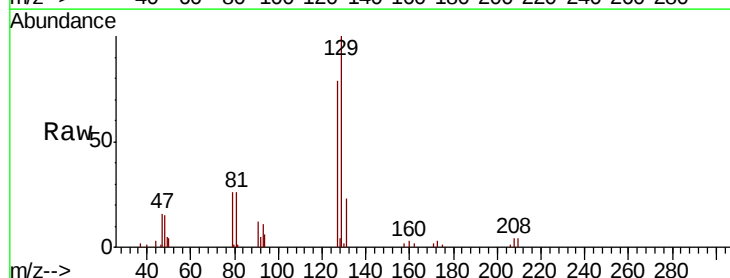
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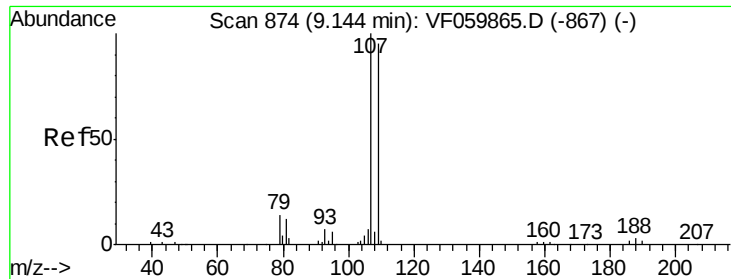
apatel
8/13/2018 12:33:48 PM



#60
Dibromochloromethane
Concen: 21.07 ug/l
RT: 8.87 min Scan# 846
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.8	36.9	110.7





#61

1,2-Dibromoethane

Concen: 21.60 ug/l

RT: 9.14 min Scan# 874

Delta R.T. 0.00 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Instrument :

MSVOA_F

ClientSampleId :

VF0810SBS01

Tot Ion: 107 Resp: 22110

Ion Ratio Lower Upper

107 100

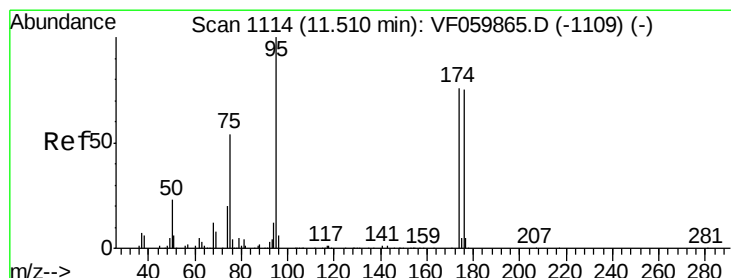
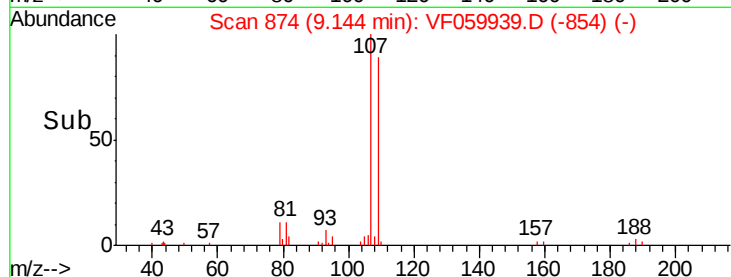
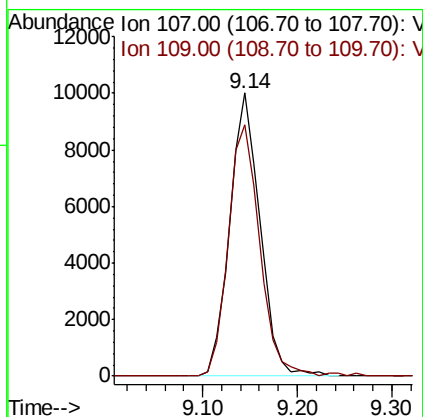
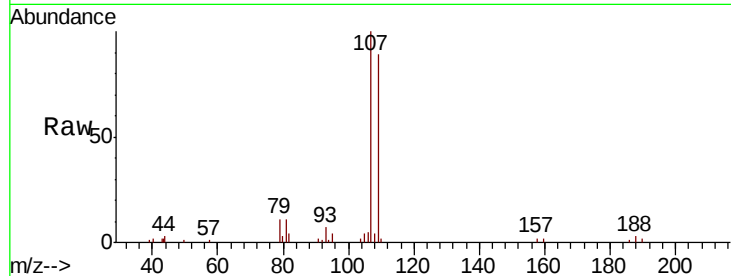
109 89.0 75.8 113.8

Manual Integrations

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apatel

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#62

4-Bromofluorobenzene

Concen: 55.56 ug/l

RT: 11.52 min Scan# 1115

Delta R.T. 0.01 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

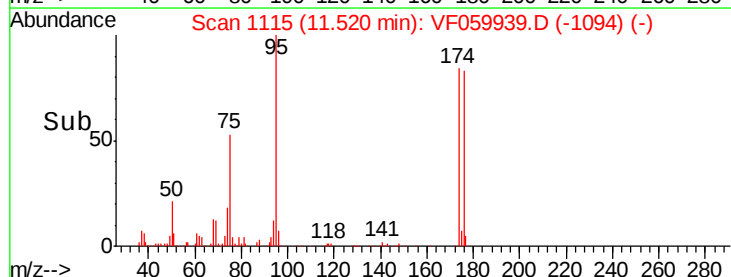
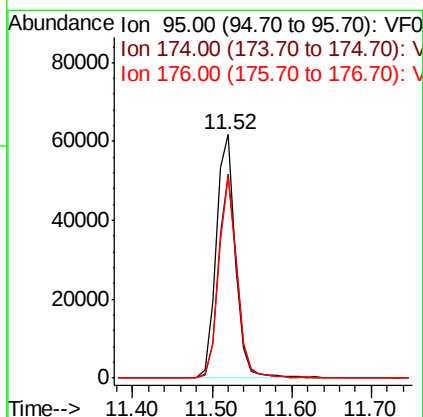
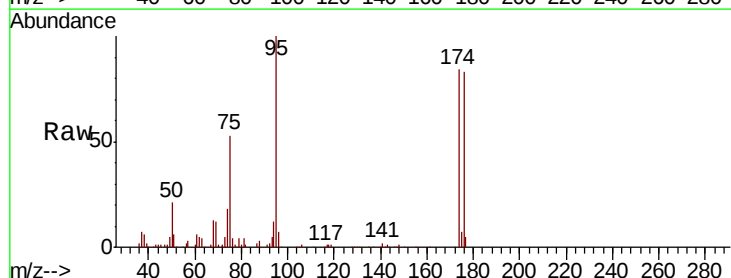
Tgt Ion: 95 Resp: 105559

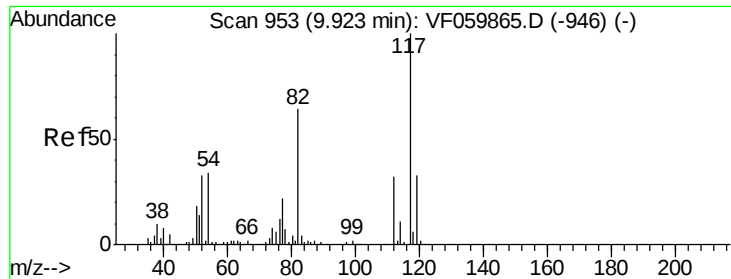
Ion Ratio Lower Upper

95 100

174 83.9 0.0 151.6

176 82.5 0.0 149.8





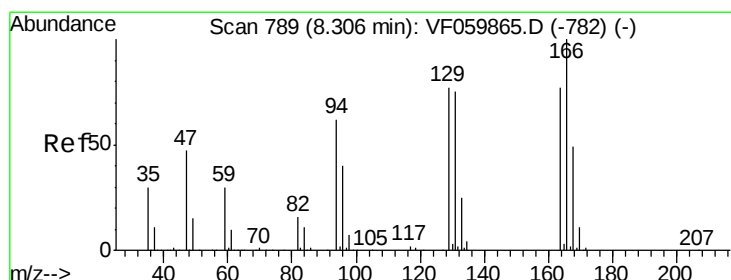
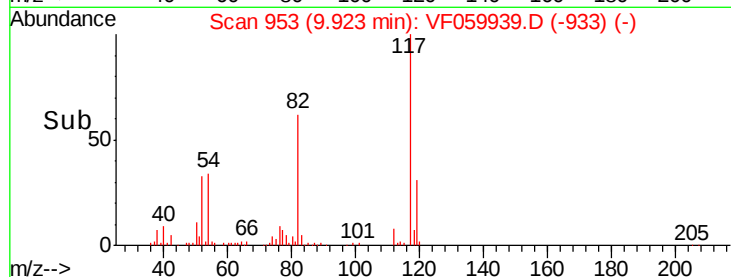
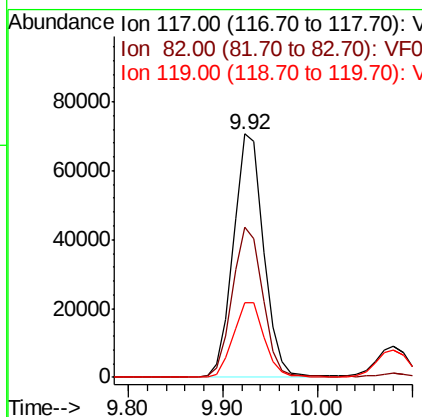
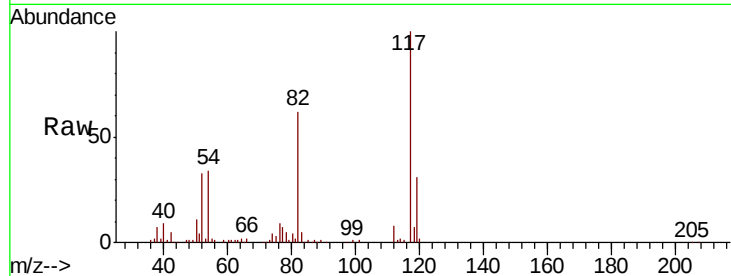
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	158046		
82	61.7		51.3	76.9
119	30.7		26.4	39.6

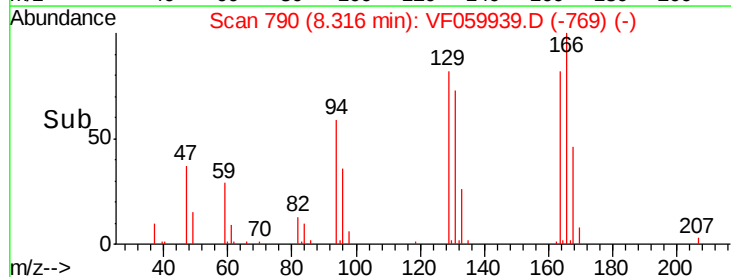
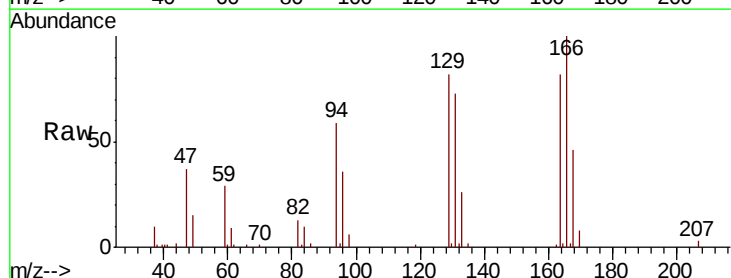
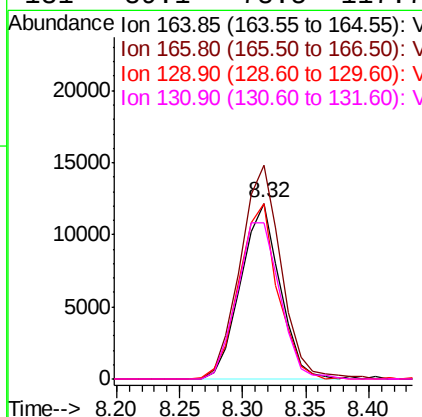
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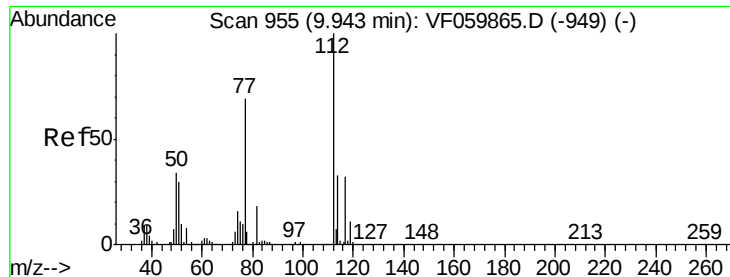
apatel
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#64
Tetrachloroethene
Concen: 19.25 ug/l
RT: 8.32 min Scan# 790
Delta R.T. 0.01 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	26244		
166	121.4		104.4	156.6
129	99.8		80.3	120.5
131	89.1		78.5	117.7





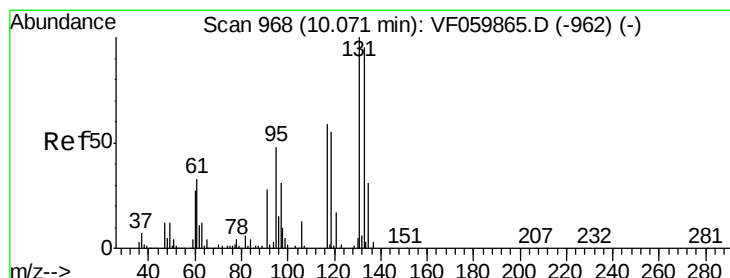
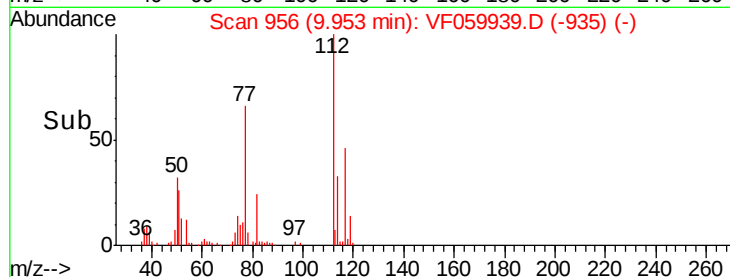
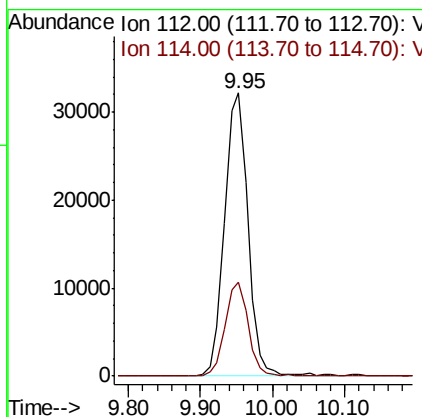
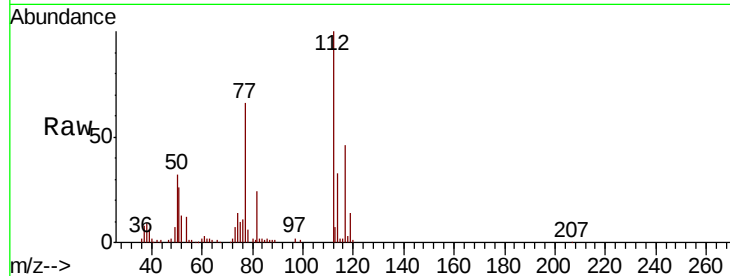
#65
Chlorobenzene
Concen: 22.65 ug/l
RT: 9.95 min Scan# 956
Delta R.T. 0.01 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	26.4	39.6

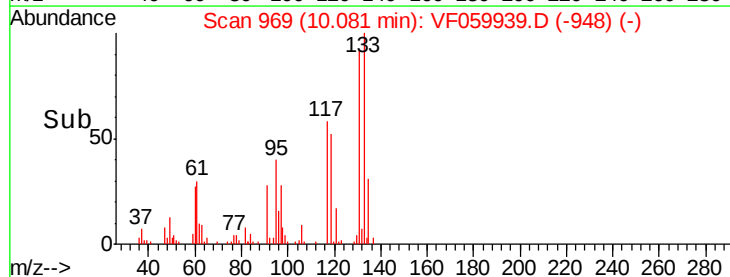
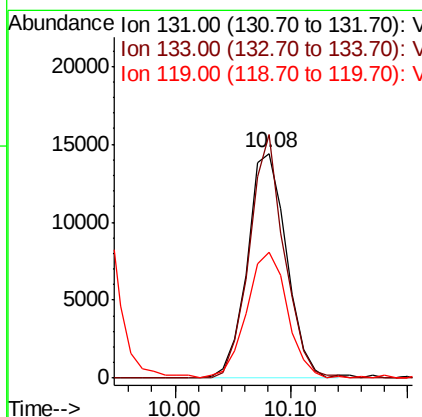
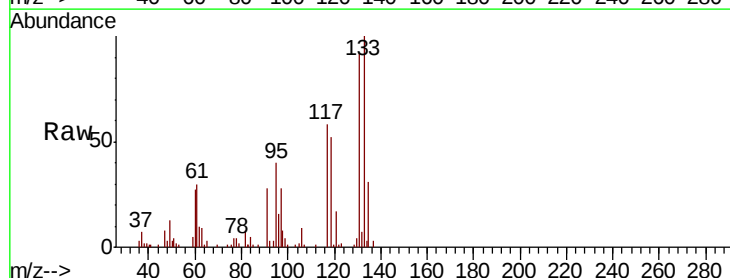
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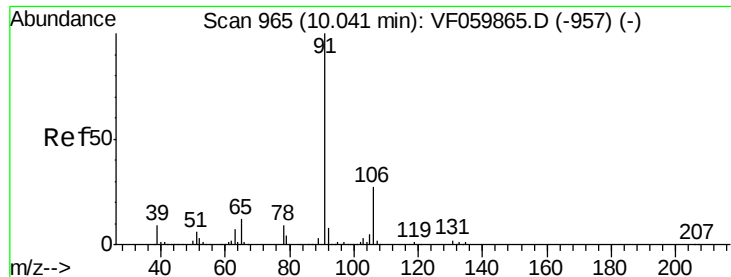
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.06 ug/l
RT: 10.08 min Scan# 969
Delta R.T. 0.01 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tgt Ion	Ratio	Lower	Upper
131	100		
133	108.5	47.4	142.2
119	56.0	27.7	83.1





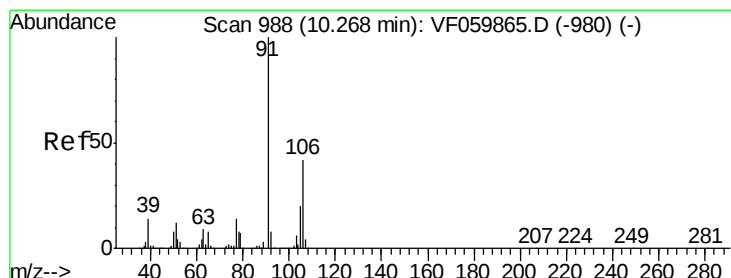
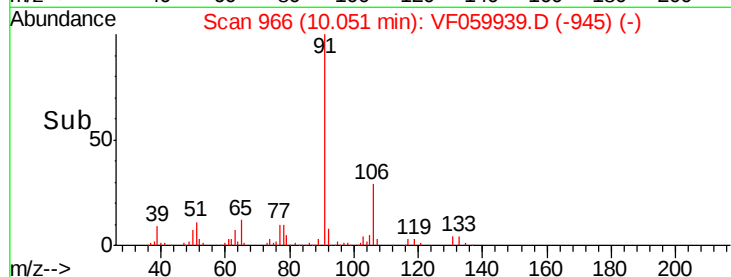
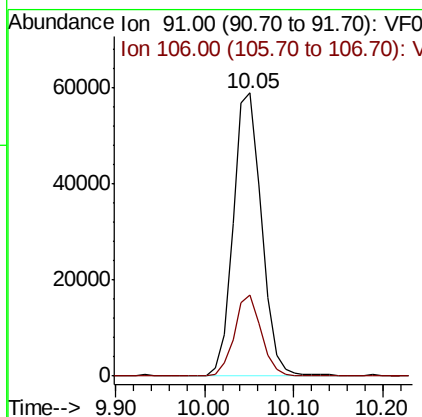
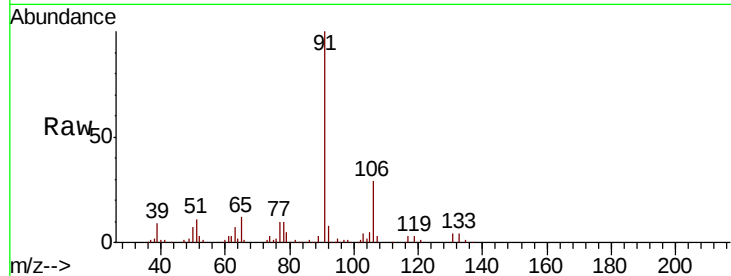
#67
Ethyl Benzene
Concen: 23.46 ug/l
RT: 10.05 min Scan# 966
Delta R.T. 0.01 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBS01

Tot Ion	91	Resp	131129
Ion Ratio	100	Lower	Upper
106	28.6	21.5	32.3

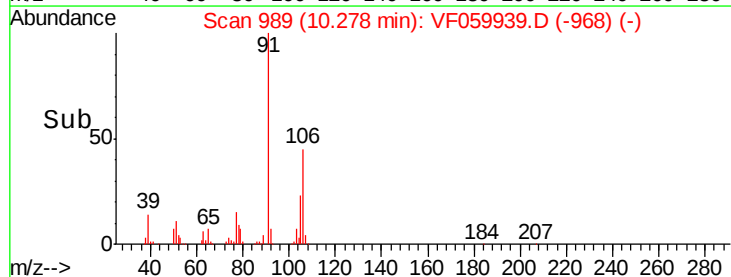
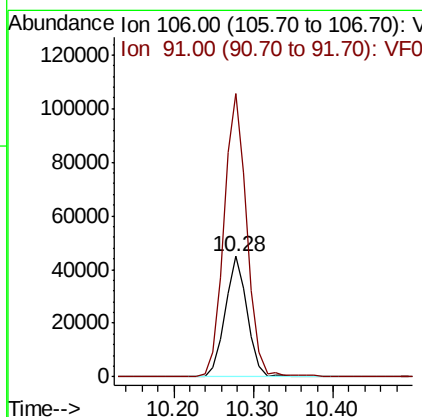
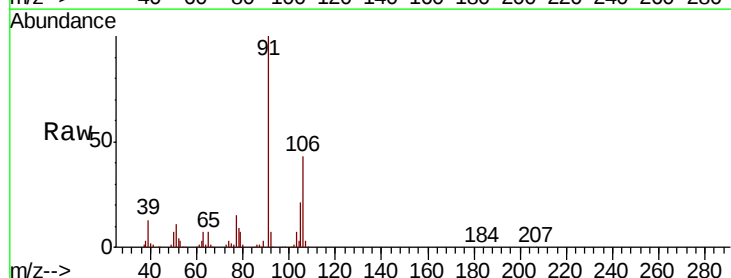
Manual Integrations
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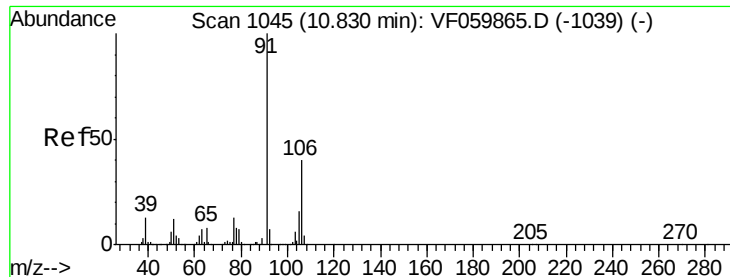
apatel
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#68
m/p-Xylenes
Concen: 45.59 ug/l
RT: 10.28 min Scan# 989
Delta R.T. 0.01 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tgt Ion	106	Resp	88073
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
91	234.9	192.1	288.1





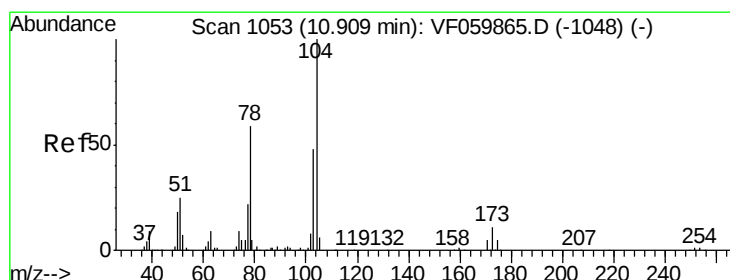
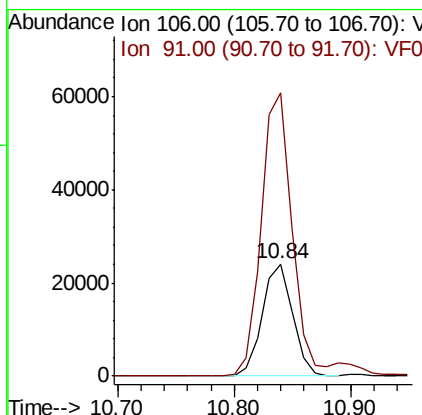
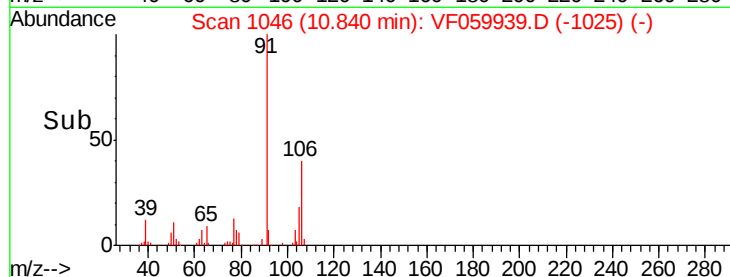
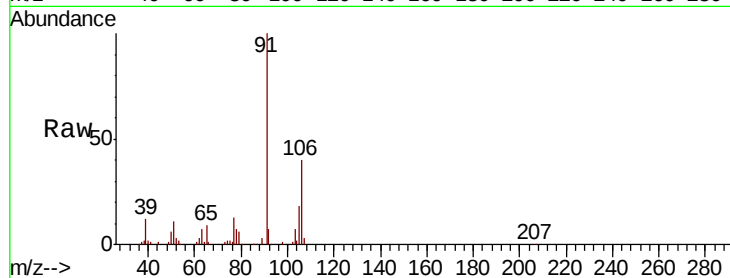
#69
o-Xylene
Concen: 21.36 ug/l
RT: 10.84 min Scan# 1046
Delta R.T. 0.01 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBS01

Tot Ion:106 Resp: 43707
Ion Ratio Lower Upper
106 100
91 251.9 125.4 376.2

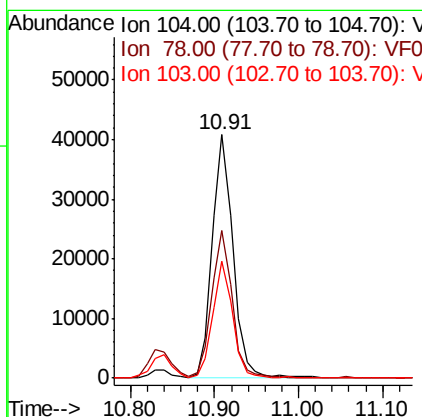
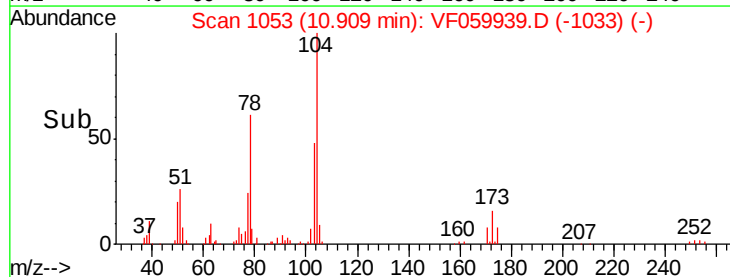
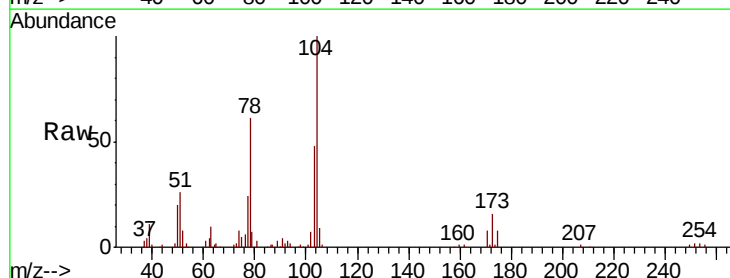
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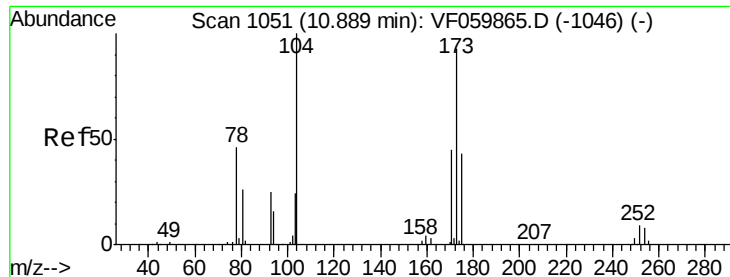
apatel
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#70
Styrene
Concen: 22.74 ug/l
RT: 10.91 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tgt Ion:104 Resp: 69462
Ion Ratio Lower Upper
104 100
78 60.6 47.3 70.9
103 48.1 39.0 58.4





#71

Bromoform

Concen: 21.55 ug/l

RT: 10.90 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Instrument :

MSVOA_F

ClientSampleId :

VF0810SBS01

Tot Ion:173 Resp: 21079

Ion Ratio Lower Upper

173 100

175 44.3 23.4 70.2

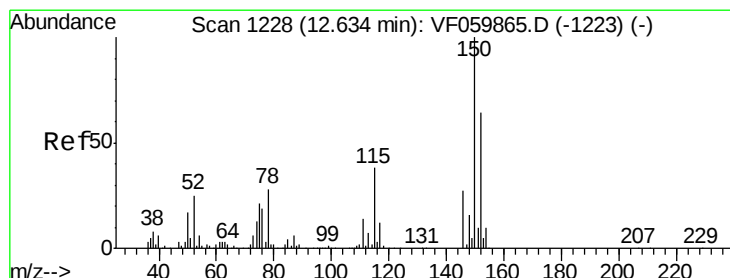
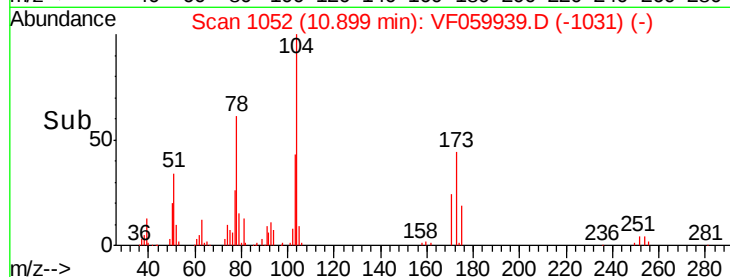
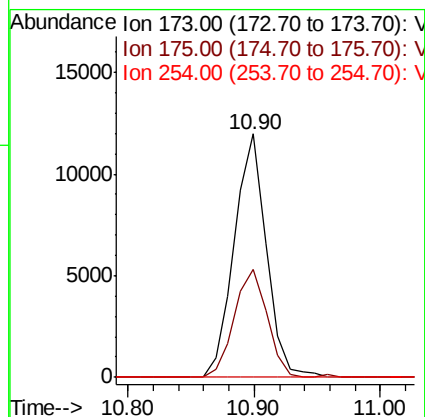
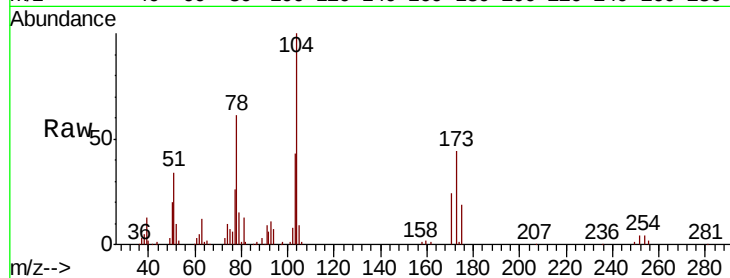
254 0.0 0.0 0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

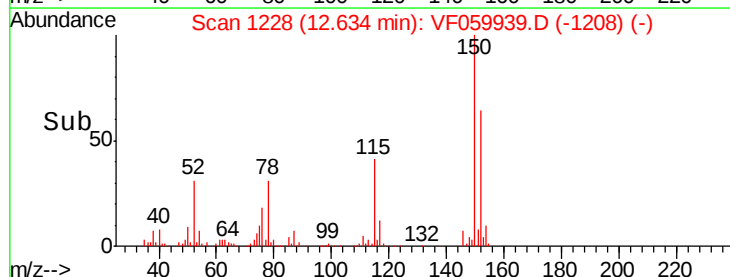
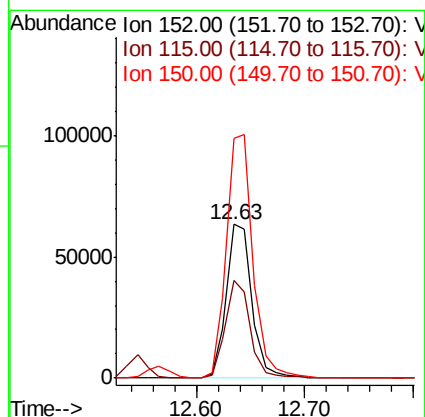
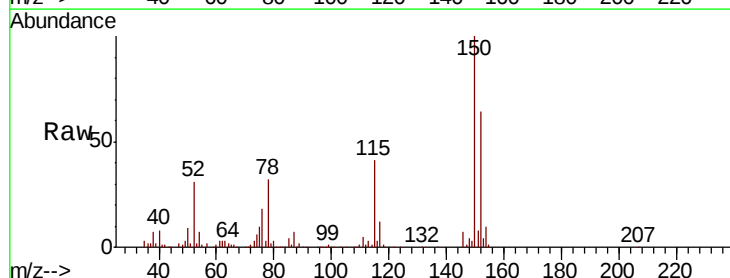
Tgt Ion:152 Resp: 105202

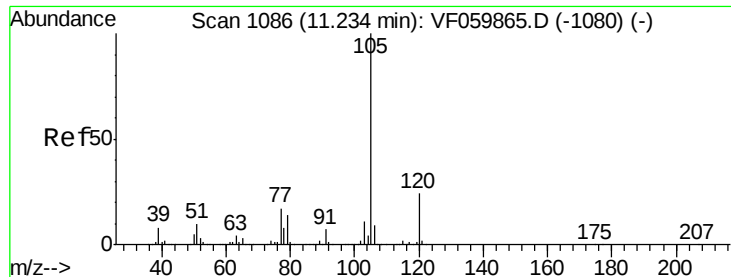
Ion Ratio Lower Upper

152 100

115 63.4 29.8 89.4

150 155.9 0.0 315.6





#73

Isopropylbenzene

Concen: 23.63 ug/l

RT: 11.23 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Instrument :

MSVOA_F

ClientSampleId :

VF0810SBS01

Tot Ion:105 Resp: 154805

Ion Ratio Lower Upper

105 100

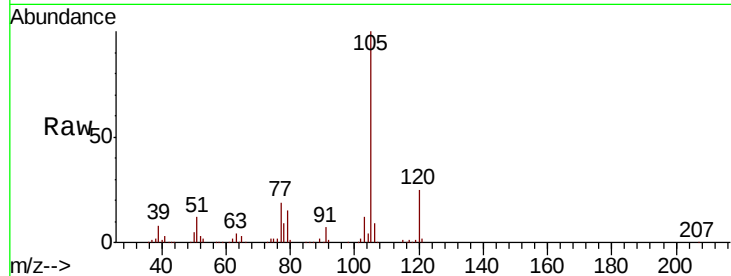
120 25.0 12.1 36.3

Manual Integrations

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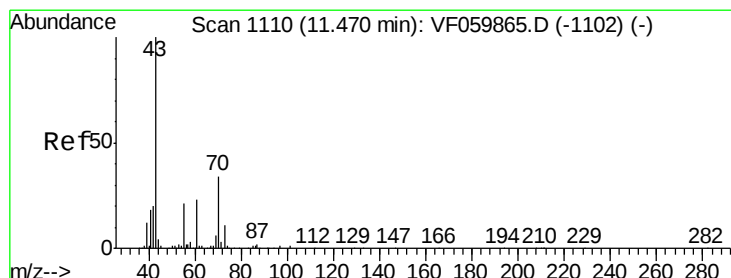
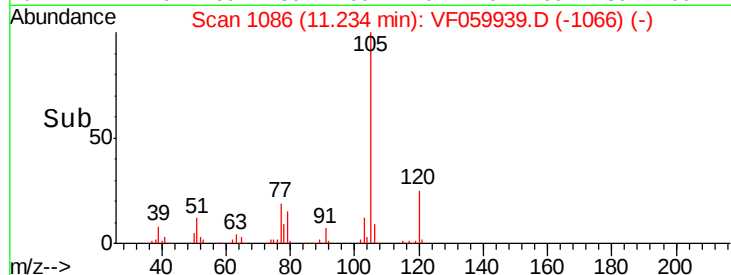
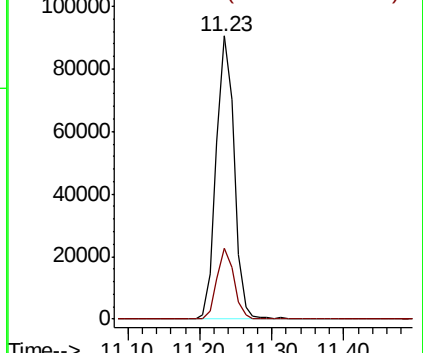
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.36 ug/l

RT: 11.47 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Tgt Ion: 43 Resp: 33435

Ion Ratio Lower Upper

43 100

70 33.6 27.5 41.3

55 22.9 16.6 25.0

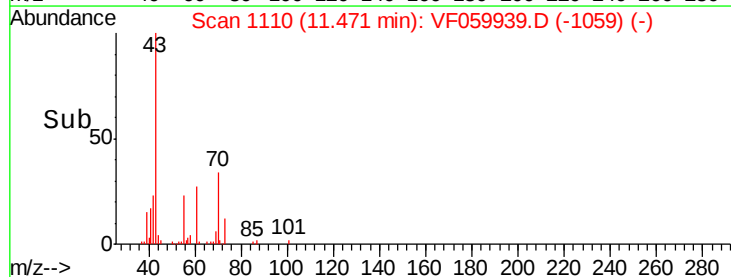
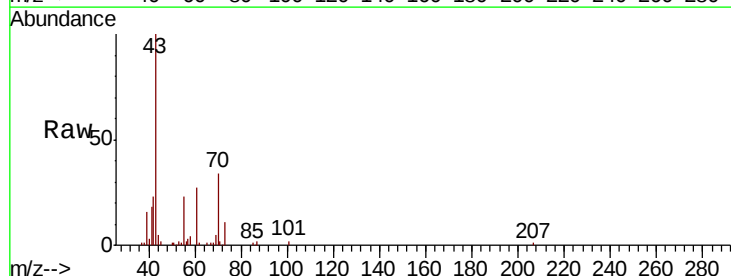
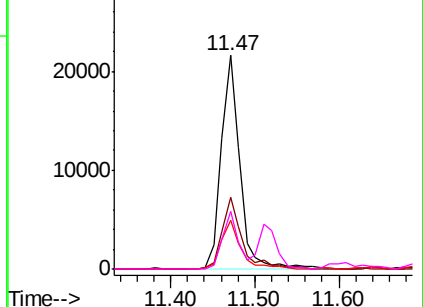
61 26.9 18.2 27.4

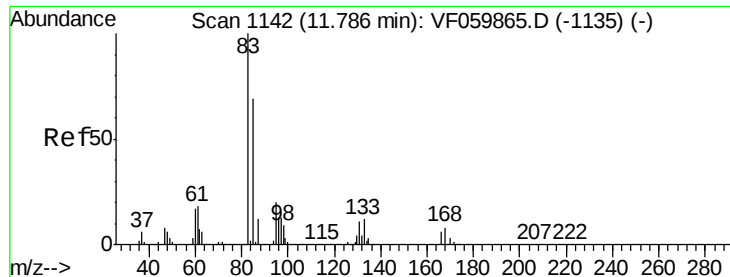
Abundance Ion 43.00 (42.70 to 43.70): VF0

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: 20.22 ug/l

RT: 11.80 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Instrument :

MSVOA_F

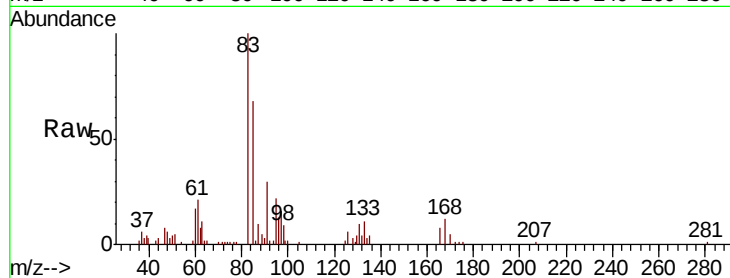
ClientSampleId :

VF0810SBS01

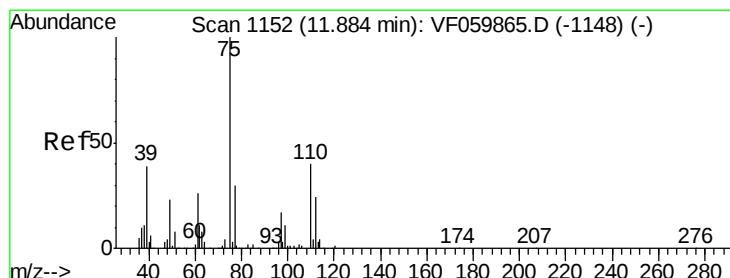
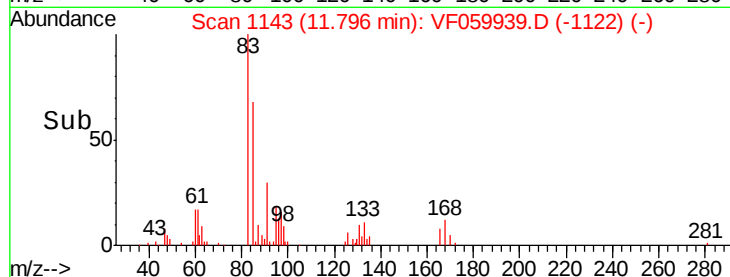
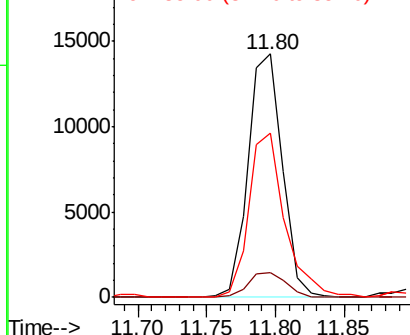
Tot Ion:	83	Resp:	24872
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.3	15.9
85	67.6	34.5	103.5

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



#76

1,2,3-Trichloropropane

Concen: 20.57 ug/l

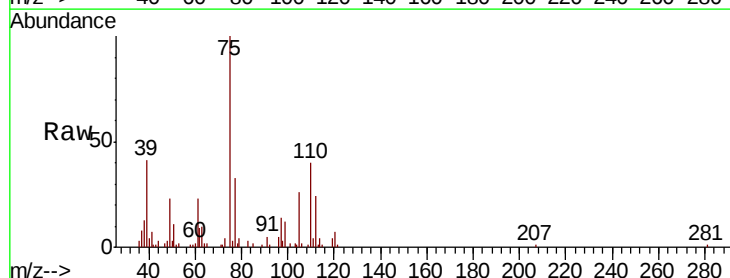
RT: 11.89 min Scan# 1153

Delta R.T. 0.01 min

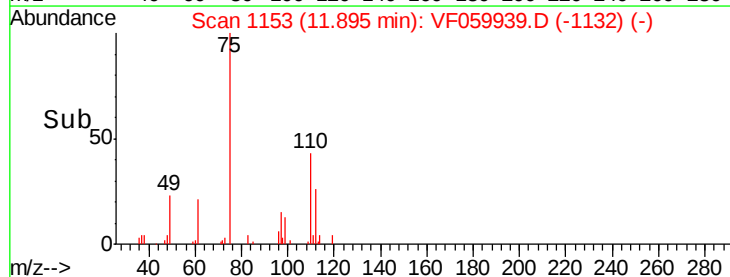
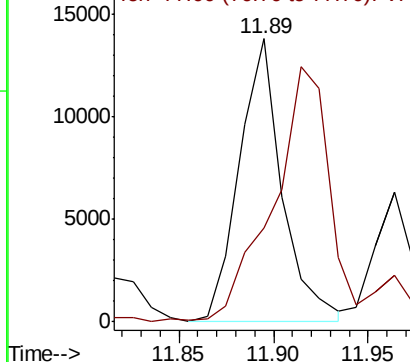
Lab File: VF059939.D

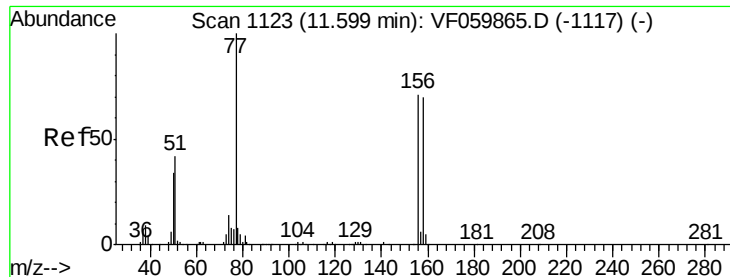
Acq: 10 Aug 2018 12:42

Tgt Ion:	75	Resp:	21734
Ion Ratio	Lower	Upper	
75	100		
77	33.0	15.4	46.2



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





#77

Bromobenzene

Concen: 21.81 ug/l

RT: 11.60 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Instrument :

MSVOA_F

ClientSampleId :

VF0810SBS01

Tot Ion:156 Resp: 38864

Ion Ratio Lower Upper

156 100

77 152.6 70.2 210.6

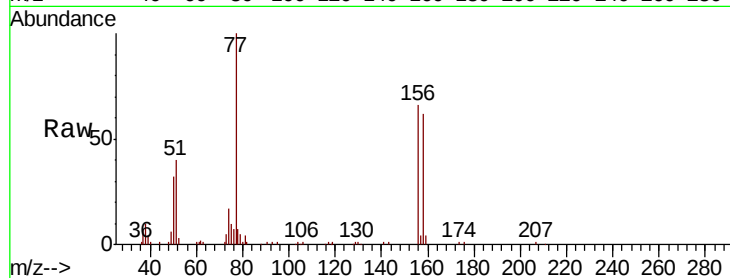
158 94.8 49.2 147.6

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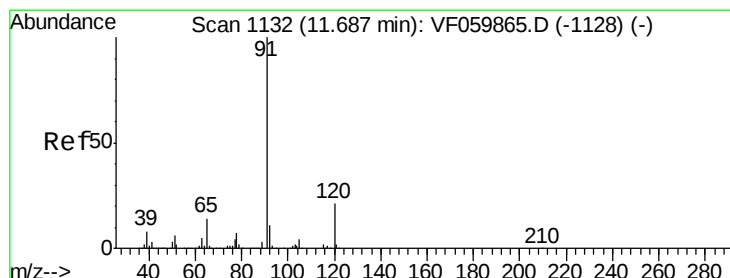
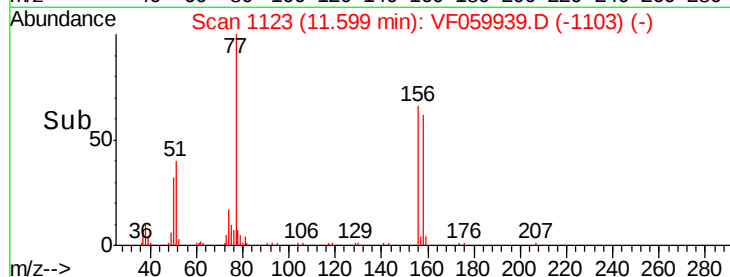
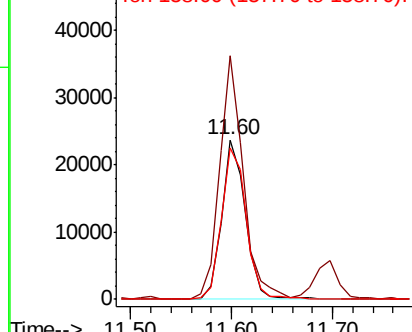


Abundance

Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 23.32 ug/l

RT: 11.70 min Scan# 1133

Delta R.T. 0.01 min

Lab File: VF059939.D

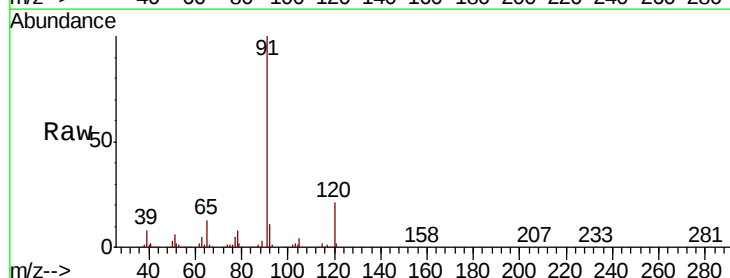
Acq: 10 Aug 2018 12:42

Tgt Ion: 91 Resp: 180427

Ion Ratio Lower Upper

91 100

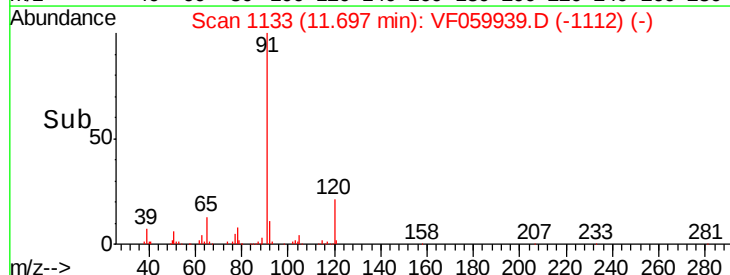
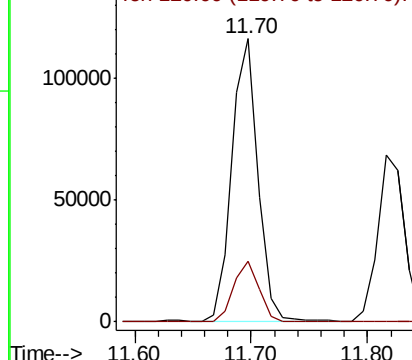
120 21.4 10.4 31.2

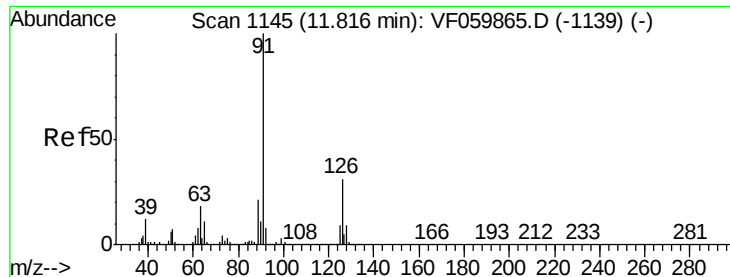


Abundance

Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





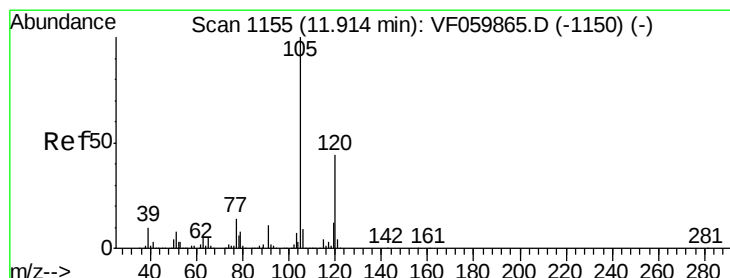
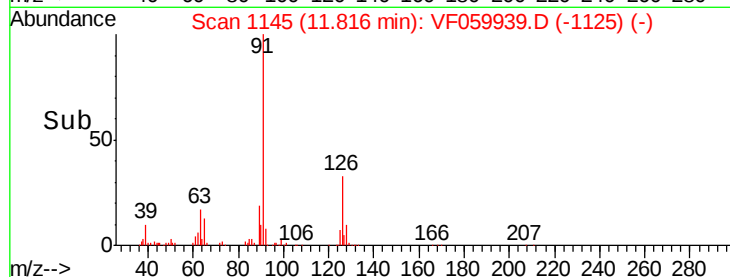
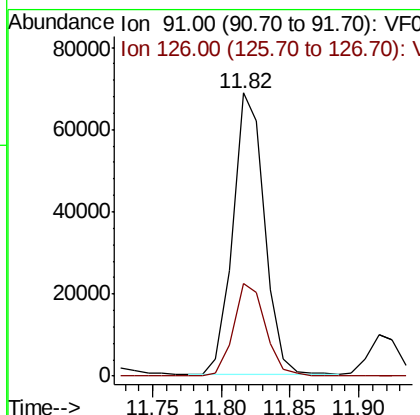
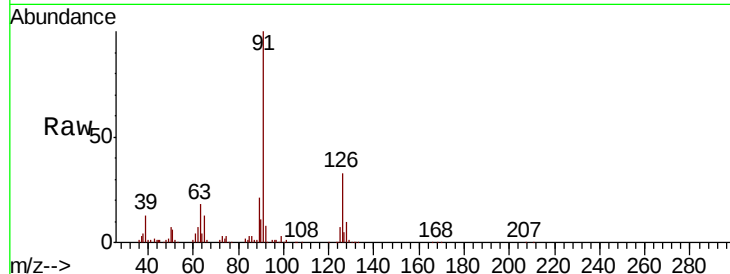
#79
 2-Chlorotoluene
 Concen: 22.29 ug/l
 RT: 11.82 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: VF059939.D
 Acq: 10 Aug 2018 12:42

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0810SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.9	15.6	46.7

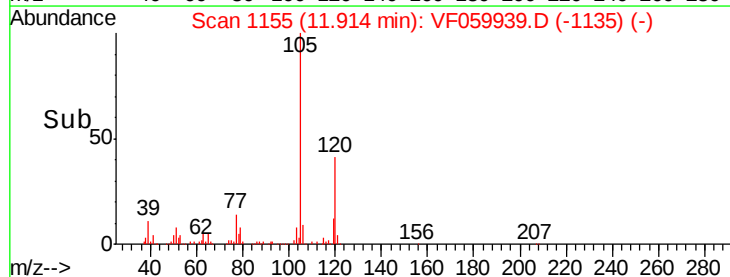
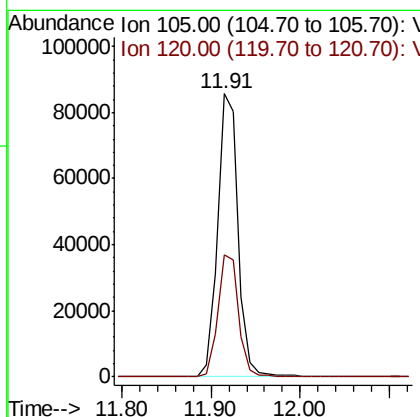
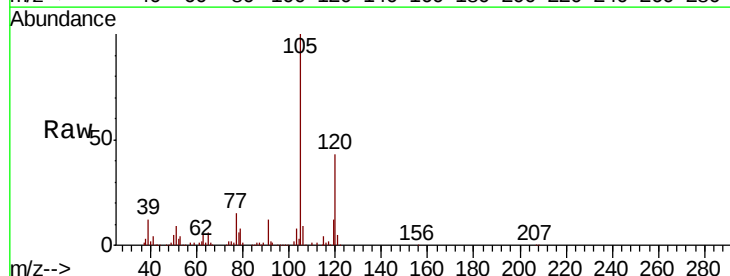
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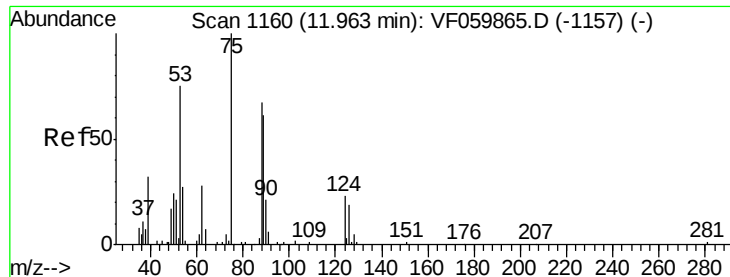
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.71 ug/l
 RT: 11.91 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VF059939.D
 Acq: 10 Aug 2018 12:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.0	21.9	65.7





#81

trans-1,4-Dichloro-2-butene

Concen: 24.67 ug/l m

RT: 11.96 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Instrument :

MSVOA_F

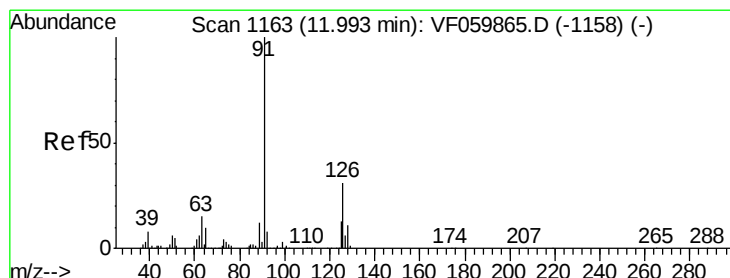
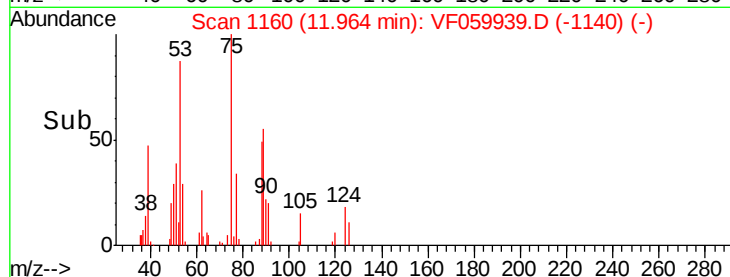
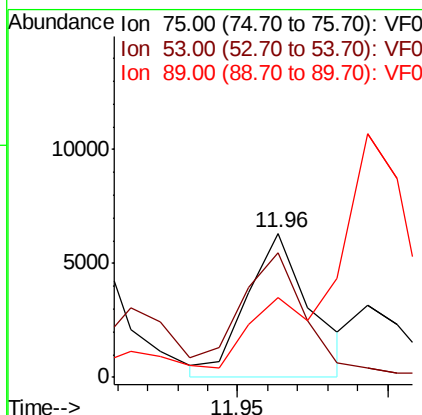
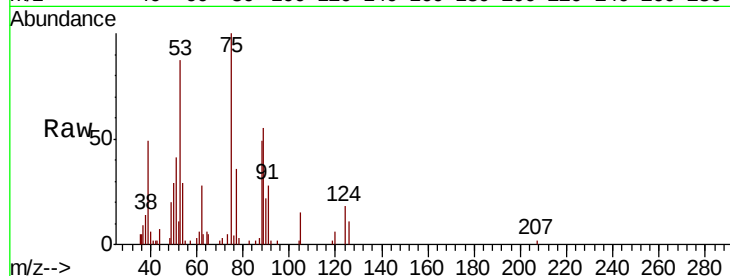
ClientSampleId :

VF0810SBS01

Tot Ion:	75	Resp:	9363
Ion	Ratio	Lower	Upper
75	100		
53	86.8	65.9	98.9
89	55.1	50.6	76.0

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#82

4-Chlorotoluene

Concen: 23.19 ug/l

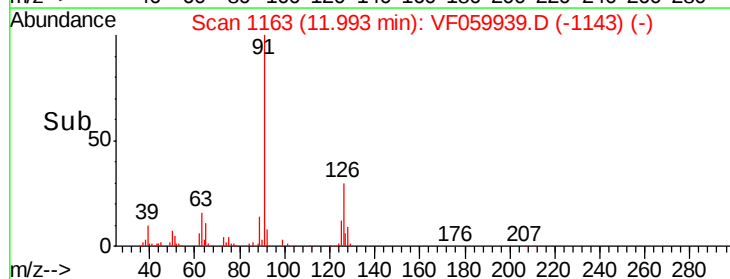
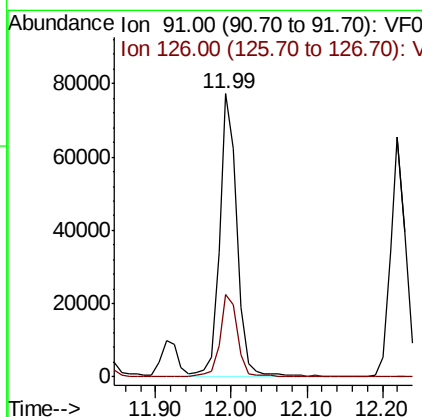
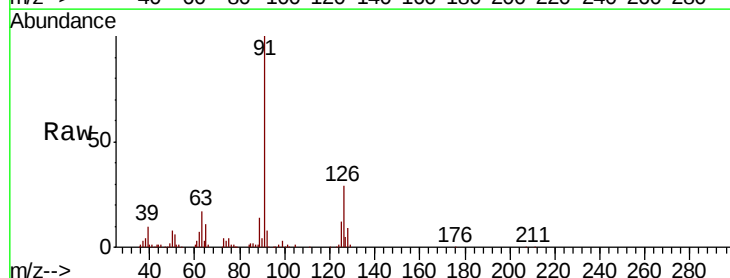
RT: 11.99 min Scan# 1163

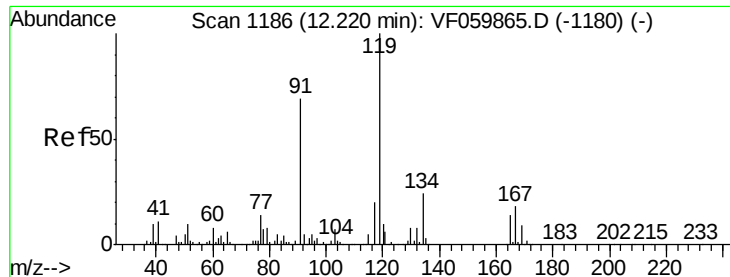
Delta R.T. 0.00 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Tgt Ion:	91	Resp:	123257
Ion	Ratio	Lower	Upper
91	100		
126	29.3	15.7	47.0





#83

tert-Butylbenzene

Concen: 22.98 ug/l

RT: 12.22 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Instrument :

MSVOA_F

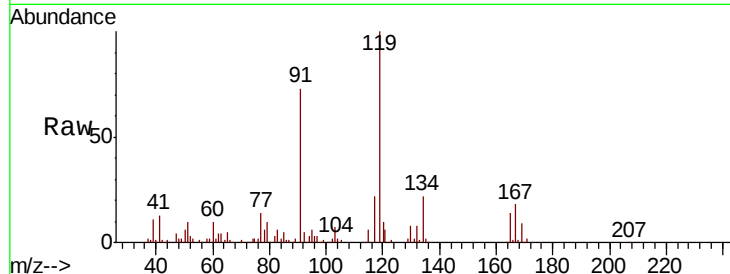
ClientSampleId :

VF0810SBS01

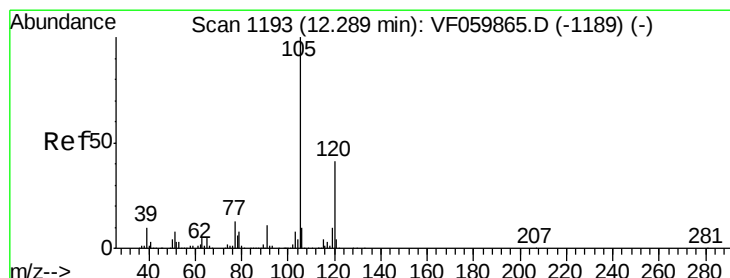
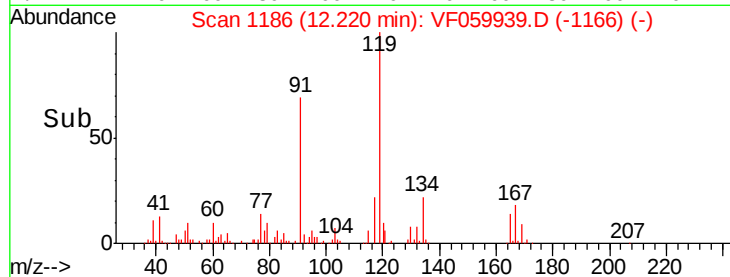
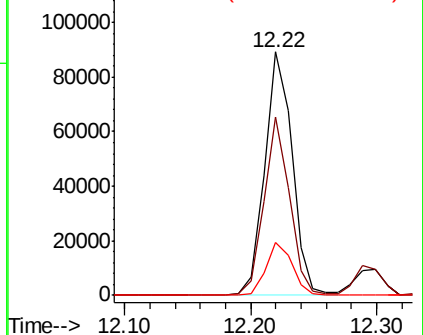
Tot Ion:	119	Resp:	136122
Ion Ratio	Lower	Upper	
119	100		
91	73.4	34.4	103.2
134	21.9	12.1	36.3

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



#84

1,2,4-Trimethylbenzene

Concen: 22.75 ug/l

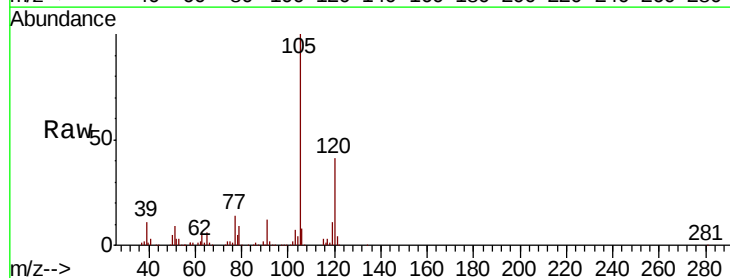
RT: 12.29 min Scan# 1193

Delta R.T. 0.00 min

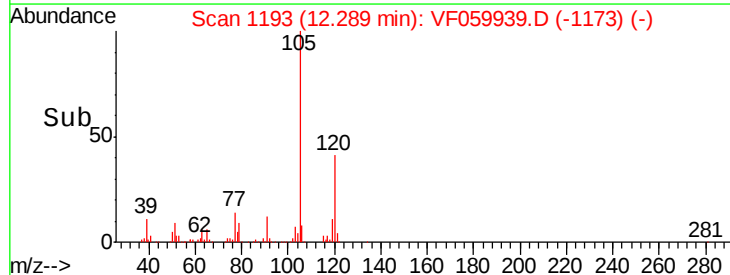
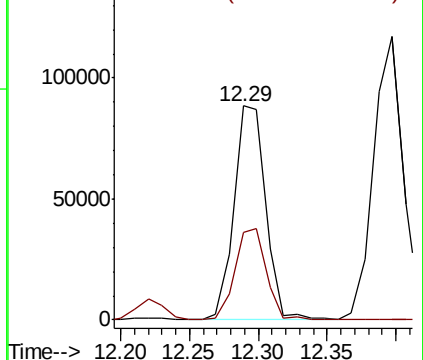
Lab File: VF059939.D

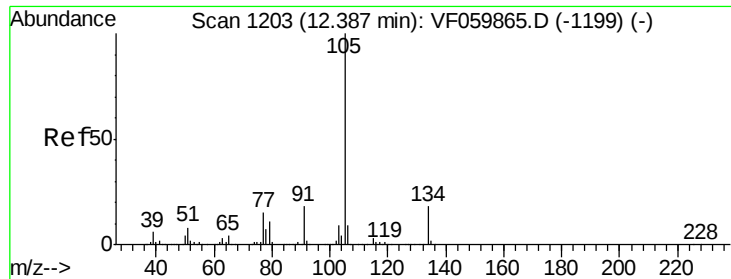
Acq: 10 Aug 2018 12:42

Tgt Ion:	105	Resp:	142349
Ion Ratio	Lower	Upper	
105	100		
120	41.0	20.8	62.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.53 ug/l

RT: 12.40 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

Instrument :

MSVOA_F

ClientSampleId :

VF0810SBS01

Tot Ion:105 Resp: 177339

Ion Ratio Lower Upper

105 100

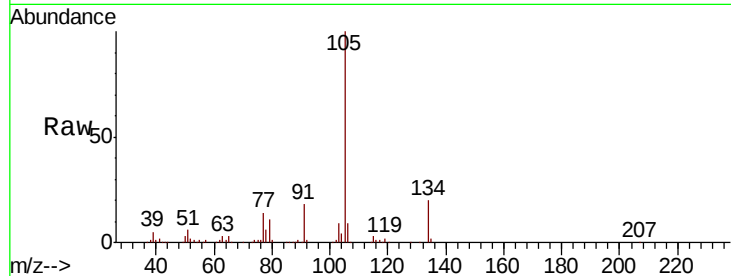
134 19.8 9.1 27.3

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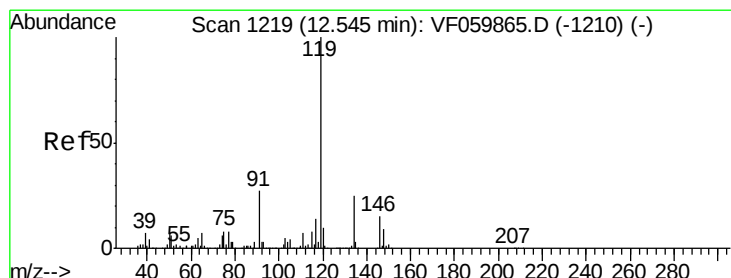
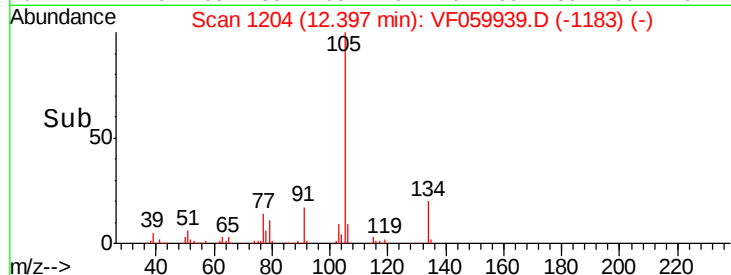
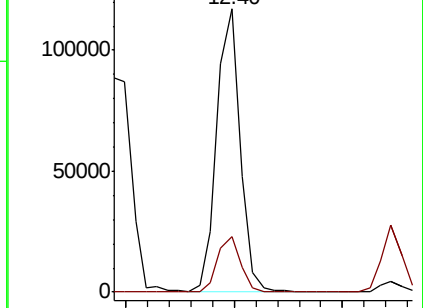
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 23.84 ug/l

RT: 12.55 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VF059939.D

Acq: 10 Aug 2018 12:42

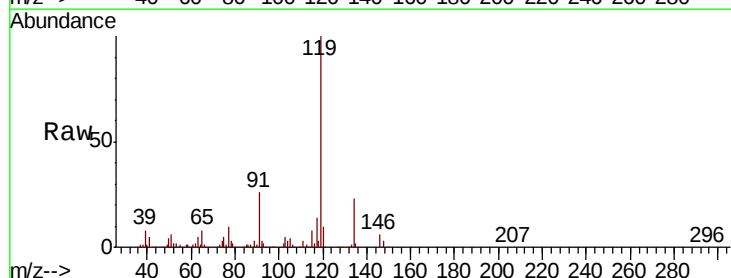
Tgt Ion:119 Resp: 157683

Ion Ratio Lower Upper

119 100

134 23.1 12.4 37.0

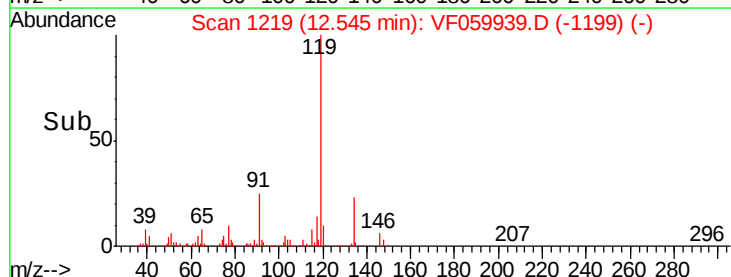
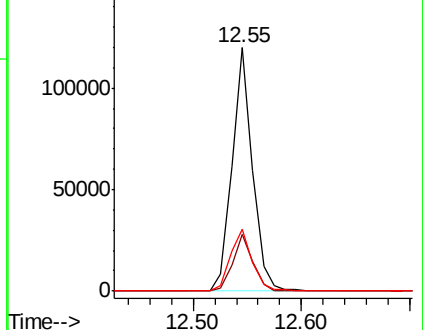
91 25.5 13.6 40.7

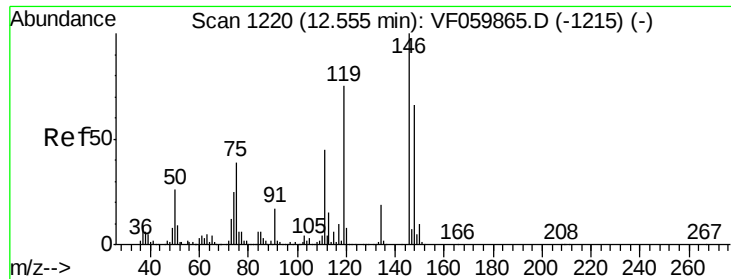


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0





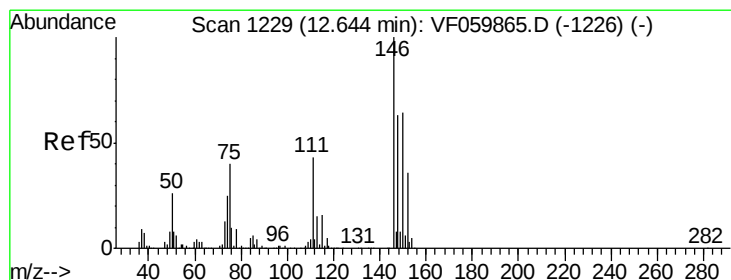
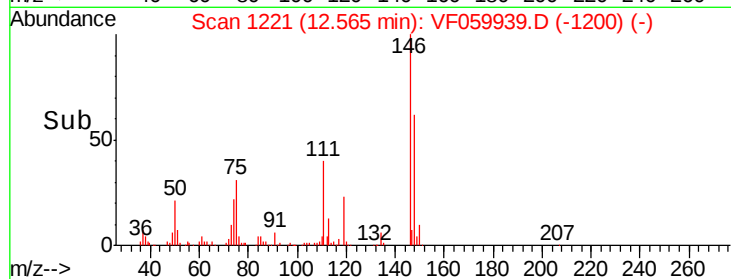
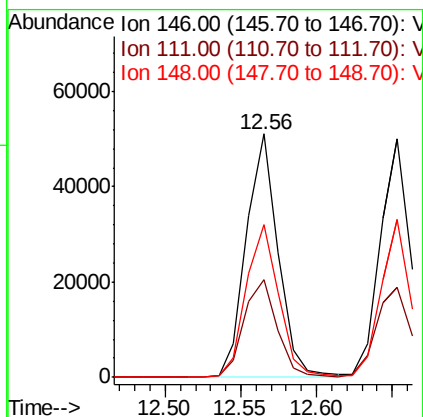
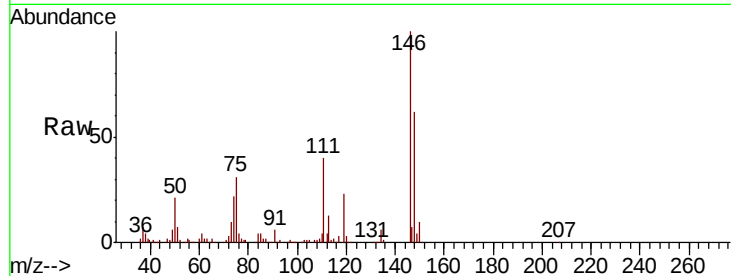
#87
 1,3-Dichlorobenzene
 Concen: 22.29 ug/l
 RT: 12.56 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: VF059939.D
 Acq: 10 Aug 2018 12:42

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0810SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	22.4	67.0
148	62.5	33.1	99.3

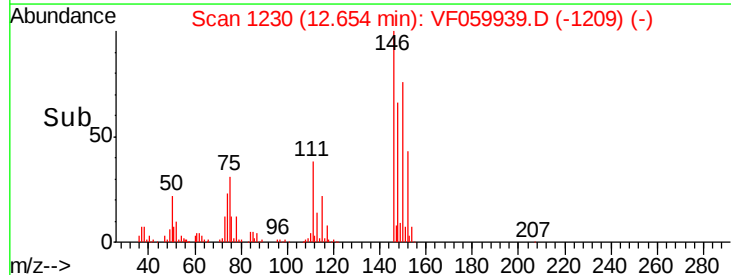
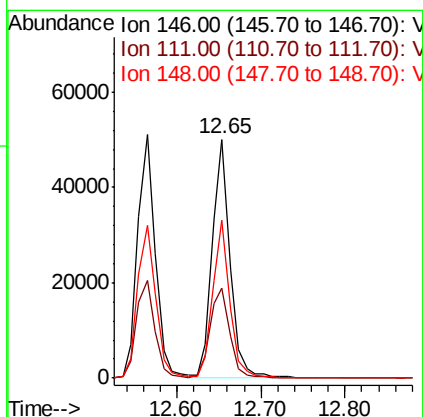
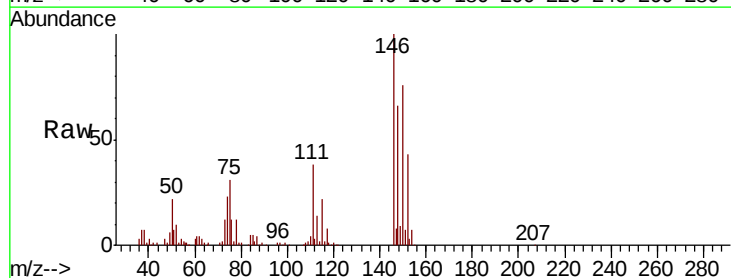
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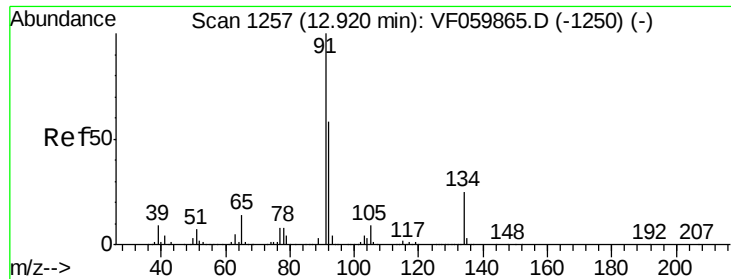
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 22.37 ug/l
 RT: 12.65 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VF059939.D
 Acq: 10 Aug 2018 12:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	21.4	64.2
148	66.3	31.6	94.7





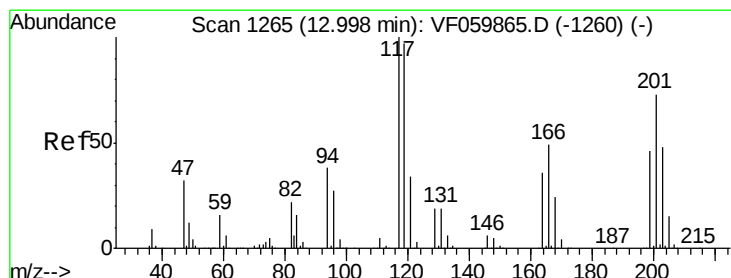
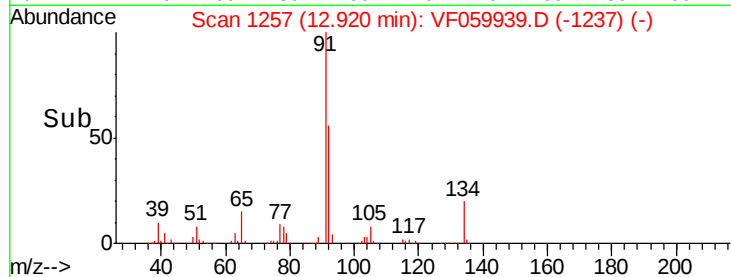
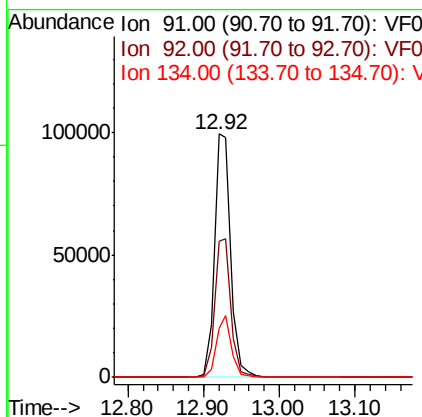
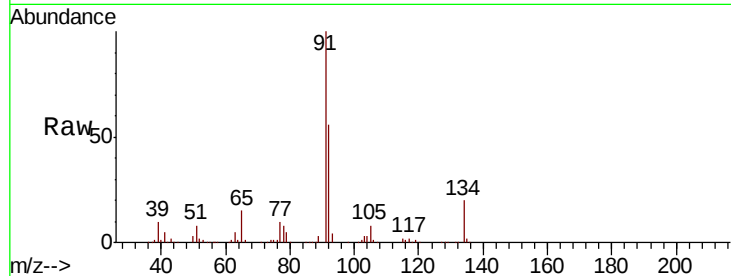
#89
n-Butylbenzene
Concen: 24.14 ug/l
RT: 12.92 min Scan# 1257
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.6	28.8	86.5
134	20.3	12.6	37.6

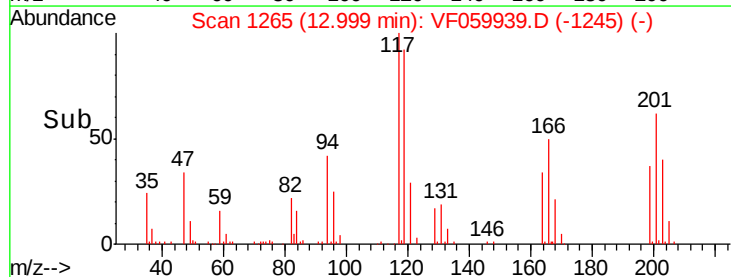
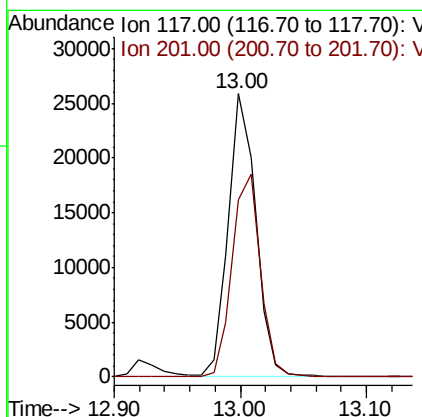
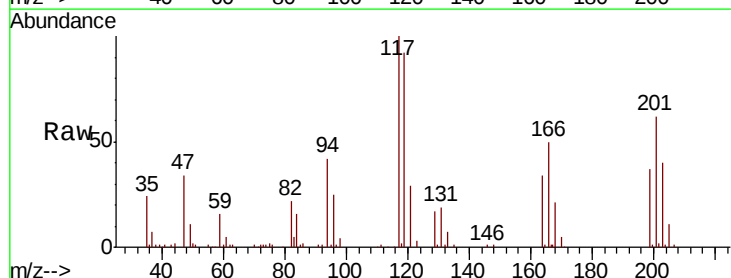
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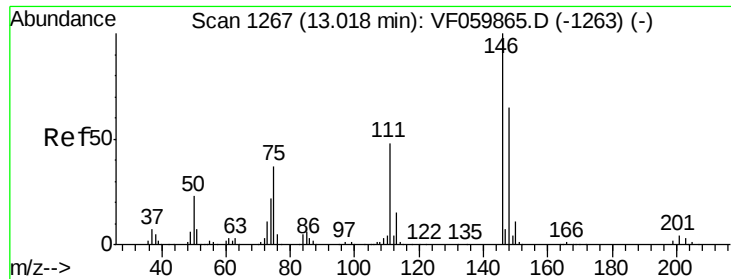
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#90
Hexachloroethane
Concen: 21.46 ug/l
RT: 13.00 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	62.4	36.6	109.8





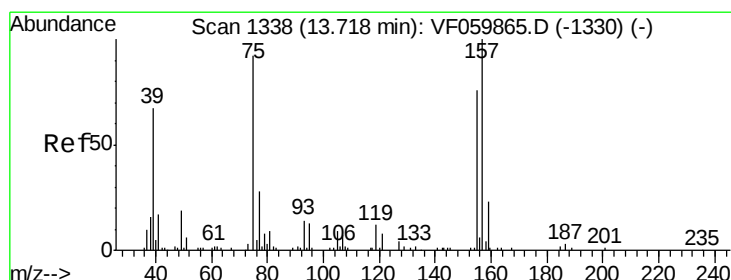
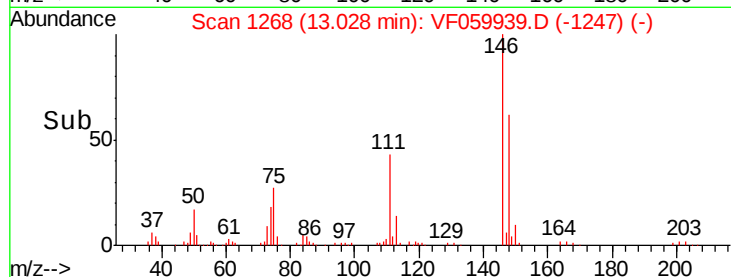
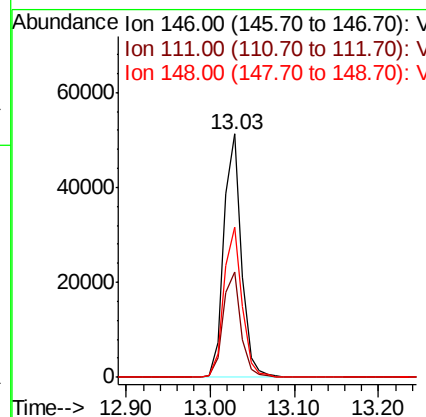
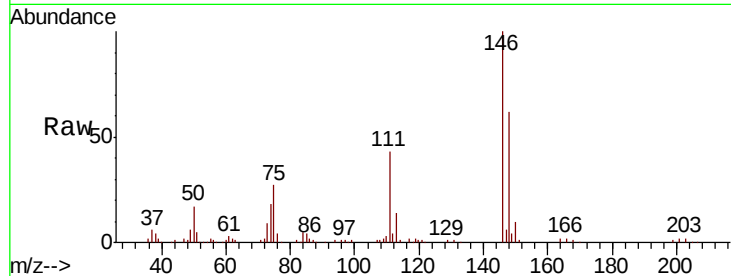
#91
 1,2-Dichlorobenzene
 Concen: 22.90 ug/l
 RT: 13.03 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: VF059939.D
 Acq: 10 Aug 2018 12:42

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0810SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	24.1	72.2
148	61.7	32.8	98.3

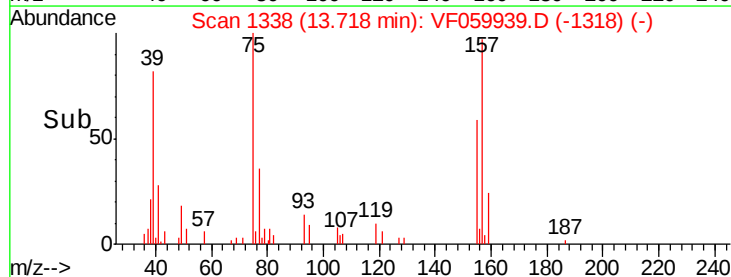
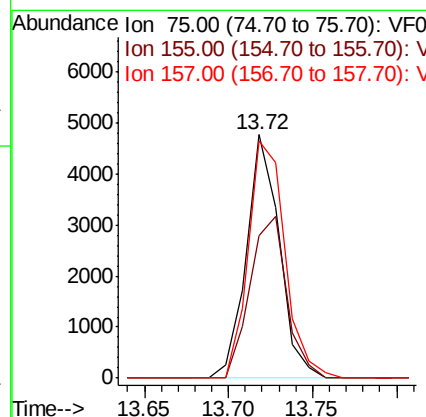
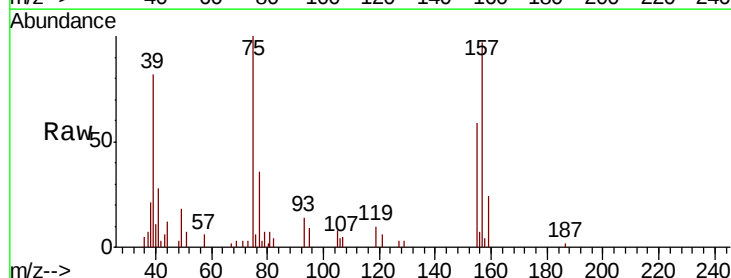
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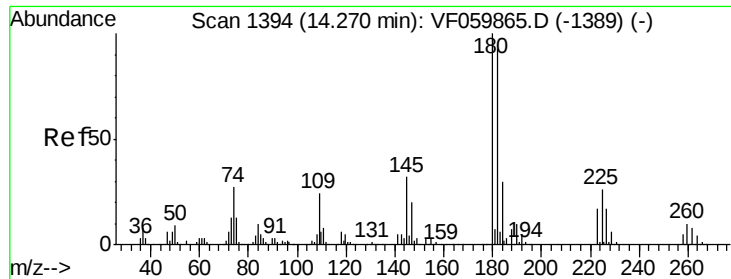
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.98 ug/l
 RT: 13.72 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: VF059939.D
 Acq: 10 Aug 2018 12:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	58.7	41.2	123.6
157	97.2	54.5	163.6





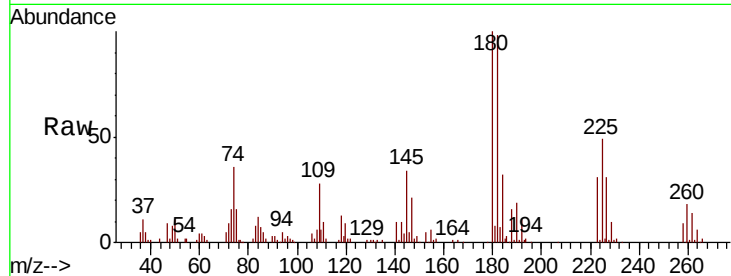
#93
 1,2,4-Trichlorobenzene
 Concen: 22.50 ug/l
 RT: 14.27 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: VF059939.D
 Acq: 10 Aug 2018 12:42

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0810SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	55515		
182	98.1	46.4	139.2	
145	34.1	15.9	47.7	

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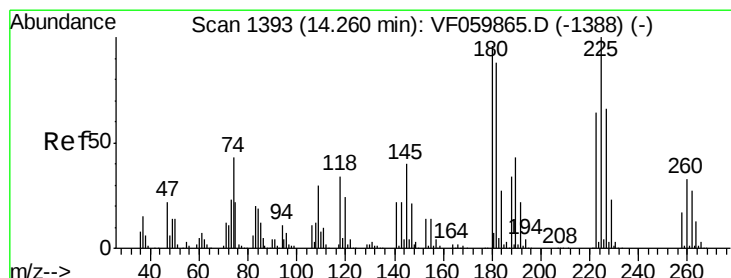
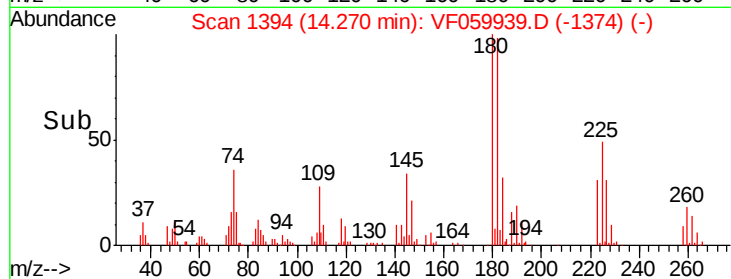
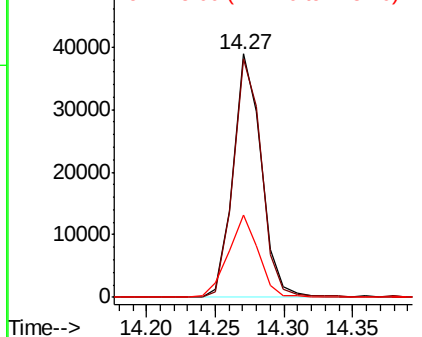


Abundance

Ion 180.00 (179.70 to 180.70): V

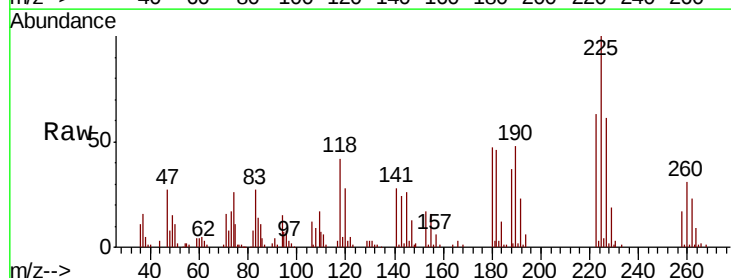
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#94
 Hexachlorobutadiene
 Concen: 22.80 ug/l
 RT: 14.26 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VF059939.D
 Acq: 10 Aug 2018 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	39726		
223	62.6	31.9	95.9	
227	63.3	32.8	98.4	

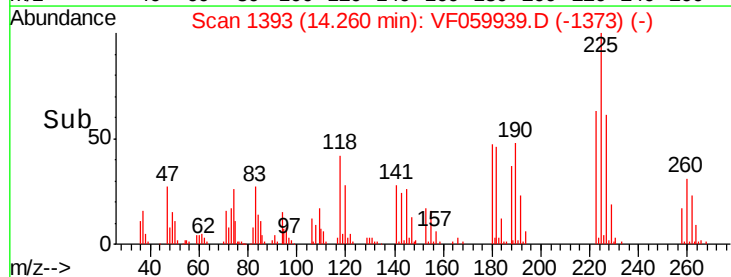
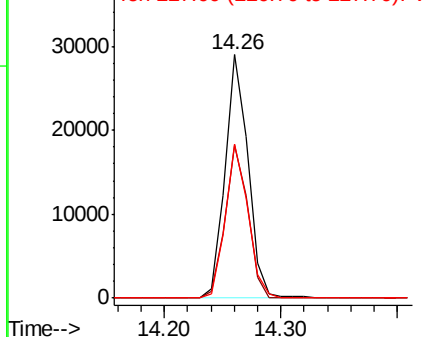


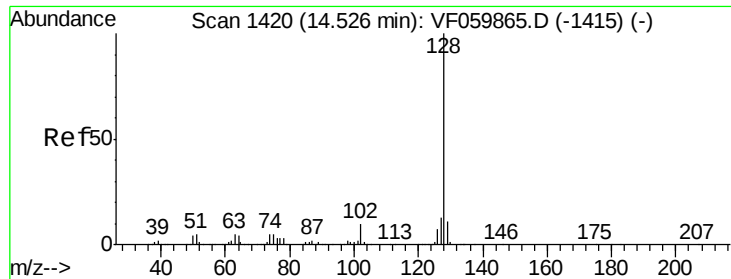
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





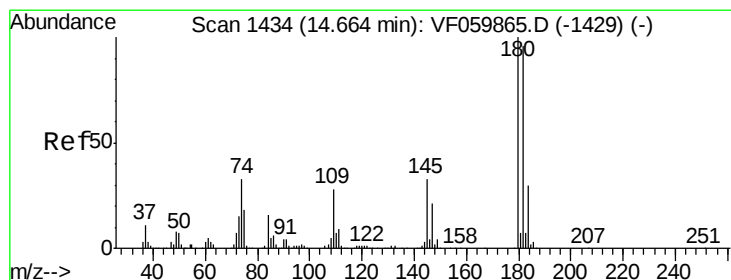
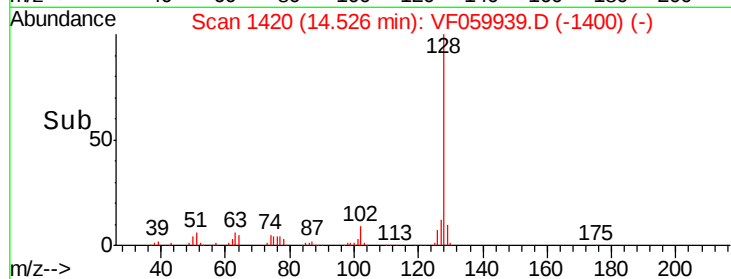
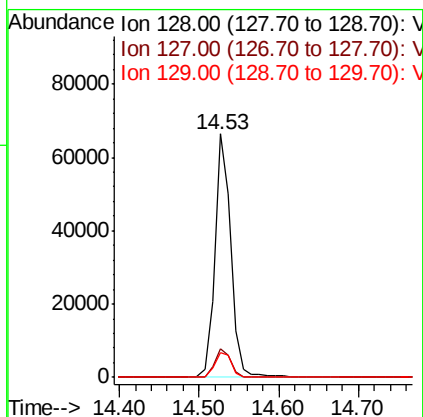
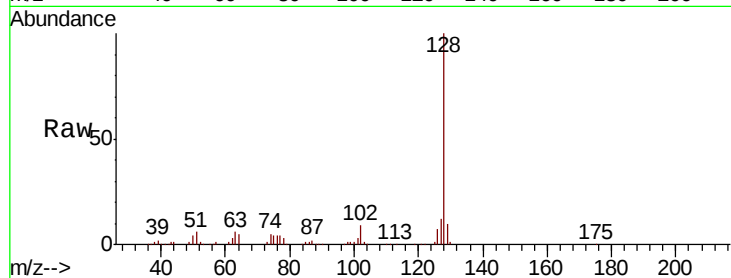
#95
Naphthalene
Concen: 21.95 ug/l
RT: 14.53 min Scan# 1420
Delta R.T. 0.00 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.4	15.6
129	10.0	9.0	13.6

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#96
1,2,3-Trichlorobenzene
Concen: 21.86 ug/l
RT: 14.67 min Scan# 1435
Delta R.T. 0.01 min
Lab File: VF059939.D
Acq: 10 Aug 2018 12:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	48.1	144.3
145	32.6	16.6	49.8

