

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112718\
 Data File : VF060837.D
 Acq On : 27 Nov 2018 14:32
 Operator : VA/AP
 Sample : VF1127SBS01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1127SBS01

Manual Integrations
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 11/28/2018 2:12:23 PM

Quant Time: Nov 28 09:30:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.90	168	210516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.63	114	356045	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.80	117	334485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	173940	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	123016	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
35) Dibromofluoromethane	4.14	113	139556	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	7.58	98	408870	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.43	95	184217	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.97	85	74591	23.70	ug/l	93
3) Chloromethane	1.12	50	52684	25.72	ug/l	97
4) Vinyl Chloride	1.15	62	47980	25.11	ug/l	96
5) Bromomethane	1.35	94	31600	23.46	ug/l	86
6) Chloroethane	1.41	64	20320	24.60	ug/l	97
7) Trichlorofluoromethane	1.50	101	88020	21.47	ug/l	98
8) Diethyl Ether	1.65	74	13419	22.76	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	1.84	101	47700	23.02	ug/l	90
10) Methyl Iodide	1.92	142	58598	18.60	ug/l	97
11) Tert butyl alcohol	2.59	59	10218	100.51	ug/l	99
12) 1,1-Dichloroethene	1.81	96	37959	22.77	ug/l	95
13) Acrolein	2.02	56	10733	111.43	ug/l	95
14) Allyl chloride	2.11	41	45628	21.96	ug/l	97
15) Acrylonitrile	2.97	53	24632	108.08	ug/l	92
16) Acetone	2.26	43	53377	116.72	ug/l	100
17) Carbon Disulfide	1.84	76	105353m	23.57	ug/l	
18) Methyl Acetate	2.37	43	19170	24.13	ug/l	98
19) Methyl tert-butyl Ether	2.44	73	80752	21.51	ug/l	100
20) Methylene Chloride	2.28	84	37698m	22.47	ug/l	
21) trans-1,2-Dichloroethene	2.33	96	32011	19.92	ug/l	98
22) Diisopropyl ether	2.82	45	124273	21.97	ug/l	96
23) Vinyl Acetate	3.21	43	306000	118.37	ug/l	97
24) 1,1-Dichloroethane	2.89	63	72394	21.52	ug/l	98
25) 2-Butanone	4.37	43	92062	116.39	ug/l	92
26) 2,2-Dichloropropane	3.63	77	44966	20.61	ug/l	97
27) cis-1,2-Dichloroethene	3.50	96	60333	23.06	ug/l	97
28) Bromochloromethane	3.75	49	39581	24.51	ug/l	97
29) Tetrahydrofuran	4.10	42	38915	116.06	ug/l	94
30) Chloroform	3.88	83	107672	20.79	ug/l	96
31) Cyclohexane	3.72	56	85626m	24.52	ug/l	
32) 1,1,1-Trichloroethane	4.12	97	62244	17.33	ug/l	94
36) 1,1-Dichloropropene	4.32	75	86759	21.97	ug/l	97
37) Ethyl Acetate	4.13	43	33869	21.10	ug/l	# 99
38) Carbon Tetrachloride	4.02	117	65215	18.70	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.48	83	87761	21.21	ug/l	92
40) Benzene	4.66	78	196106	22.48	ug/l	93
41) Methacrylonitrile	4.78	41	18985	20.57	ug/l #	88
42) 1,2-Dichloroethane	4.97	62	63369	19.90	ug/l	99
43) Isopropyl Acetate	6.99	43	42305	19.72	ug/l #	95
44) Trichloroethene	5.53	130	62766	22.00	ug/l	99
45) 1,2-Dichloropropane	6.27	63	49400	21.80	ug/l	99
46) Dibromomethane	6.11	93	31488	20.49	ug/l	90
47) Bromodichloromethane	6.42	83	82530	20.22	ug/l	98
48) Methyl methacrylate	6.74	41	28257	19.45	ug/l	97
49) 1,4-Dioxane	6.73	88	4253	400.04	ug/l #	82
51) 4-Methyl-2-Pentanone	8.28	43	150170	101.47	ug/l	96
52) Toluene	7.65	92	123423	20.14	ug/l	98
53) t-1,3-Dichloropropene	8.30	75	66791	20.11	ug/l	94
54) cis-1,3-Dichloropropene	7.33	75	87964	21.40	ug/l	97
55) 1,1,2-Trichloroethane	8.52	97	34583	19.37	ug/l	96
56) Ethyl methacrylate	8.65	69	38736	19.53	ug/l	97
57) 1,3-Dichloropropane	8.89	76	62308	19.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.32	63	17932	88.38	ug/l #	79
59) 2-Hexanone	9.52	43	110964	106.88	ug/l	98
60) Dibromochloromethane	8.75	129	52852	19.86	ug/l	97
61) 1,2-Dibromoethane	9.01	107	39765	20.61	ug/l	95
64) Tetrachloroethene	8.19	164	51928	20.33	ug/l	95
65) Chlorobenzene	9.82	112	138747	21.32	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.96	131	57269	20.47	ug/l	90
67) Ethyl Benzene	9.93	91	263357	21.74	ug/l	97
68) m/p-Xylenes	10.16	106	189566	43.51	ug/l	96
69) o-Xylene	10.74	106	103495	21.54	ug/l	91
70) Styrene	10.82	104	139610	20.96	ug/l	99
71) Bromoform	10.80	173	26724	19.78	ug/l	90
73) Isopropylbenzene	11.14	105	302299	21.99	ug/l	99
74) N-amyl acetate	11.39	43	68509	21.58	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.72	83	47599	21.04	ug/l	93
76) 1,2,3-Trichloropropane	11.82	75	35215	21.42	ug/l	85
77) Bromobenzene	11.52	156	62147	20.62	ug/l	92
78) n-propylbenzene	11.62	91	354331	22.01	ug/l	98
79) 2-Chlorotoluene	11.74	91	201898	21.87	ug/l	92
80) 1,3,5-Trimethylbenzene	11.84	105	244710	21.93	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.89	75	14204m	17.63	ug/l	
82) 4-Chlorotoluene	11.92	91	210210	21.64	ug/l	97
83) tert-Butylbenzene	12.15	119	256529	22.57	ug/l	99
84) 1,2,4-Trimethylbenzene	12.23	105	241263	21.66	ug/l	99
85) sec-Butylbenzene	12.33	105	344934	22.17	ug/l	100
86) p-Isopropyltoluene	12.48	119	281601	21.59	ug/l	95
87) 1,3-Dichlorobenzene	12.50	146	119829	20.90	ug/l	97
88) 1,4-Dichlorobenzene	12.58	146	117708	21.07	ug/l	98
89) n-Butylbenzene	12.86	91	288781	21.89	ug/l	96
90) Hexachloroethane	12.94	117	66682	21.23	ug/l	89
91) 1,2-Dichlorobenzene	12.96	146	116740	21.51	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.67	75	9678	22.13	ug/l	90

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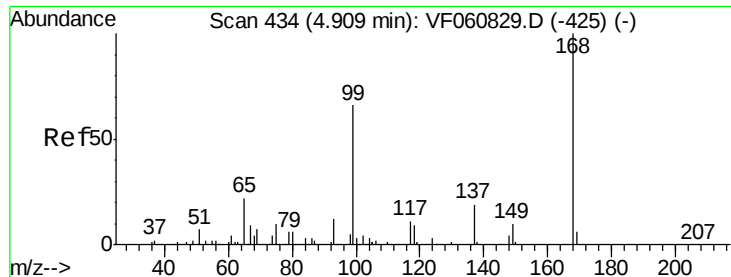
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.22	180	82097	21.64	ug/l	98
94) Hexachlorobutadiene	14.21	225	51635	20.42	ug/l	97
95) Naphthalene	14.48	128	156230	19.06	ug/l	99
96) 1,2,3-Trichlorobenzene	14.63	180	74105	21.04	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.90 min Scan# 433

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

VF1127SBS01

Tgt Ion: 168 Resp: 210516

Ion Ratio Lower Upper

168 100

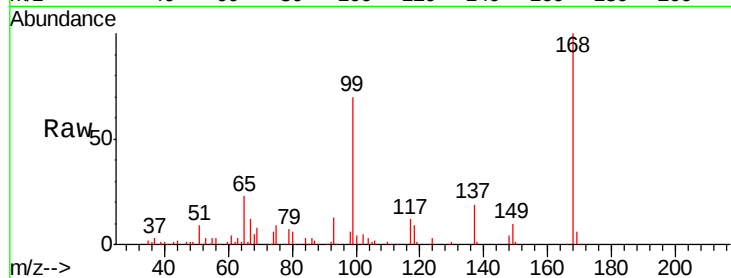
99 70.5 52.6 79.0

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.90

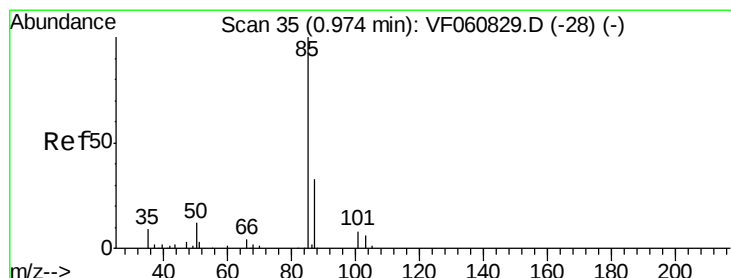
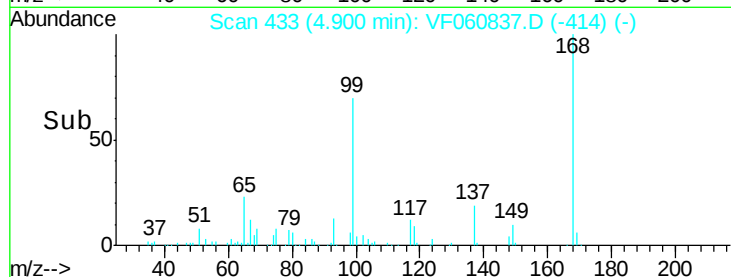
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#2

Dichlorodifluoromethane

Concen: 23.70 ug/l

RT: 0.97 min Scan# 35

Delta R.T. 0.00 min

Lab File: VF060837.D

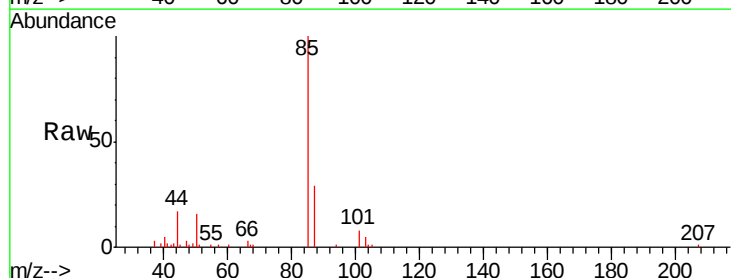
Acq: 27 Nov 2018 14:32

Tgt Ion: 85 Resp: 74591

Ion Ratio Lower Upper

85 100

87 29.5 16.7 50.0



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.97

20000

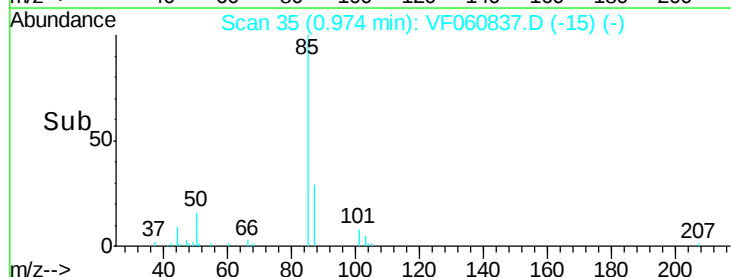
15000

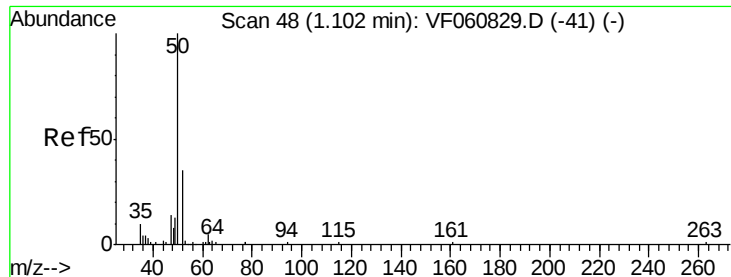
10000

5000

0

Time--> 0.90 1.00 1.10





#3

Chloromethane

Concen: 25.72 ug/l

RT: 1.12 min Scan# 50

Delta R.T. 0.02 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

VF1127SBS01

Tgt Ion: 50 Resp: 52684

Ion Ratio Lower Upper

50 100

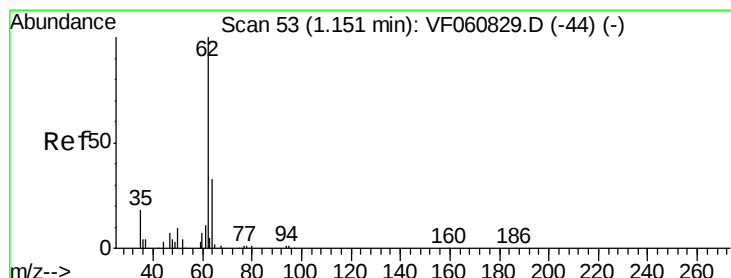
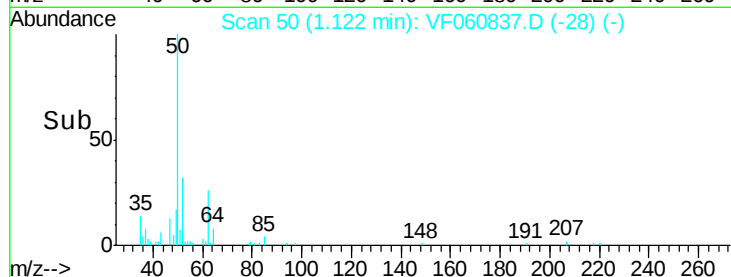
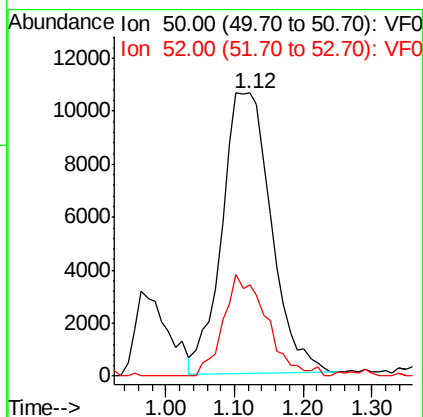
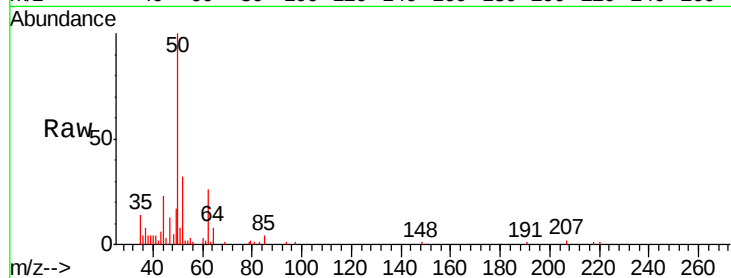
52 32.2 27.0 40.4

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#4

Vinyl Chloride

Concen: 25.11 ug/l

RT: 1.15 min Scan# 53

Delta R.T. 0.00 min

Lab File: VF060837.D

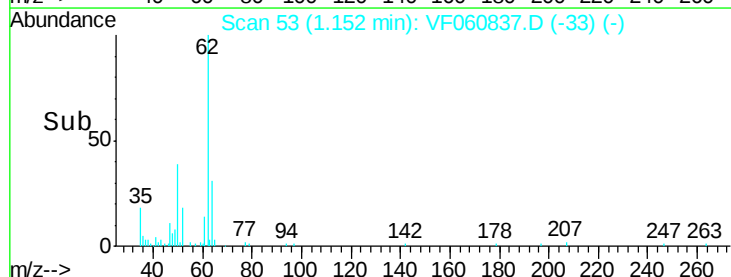
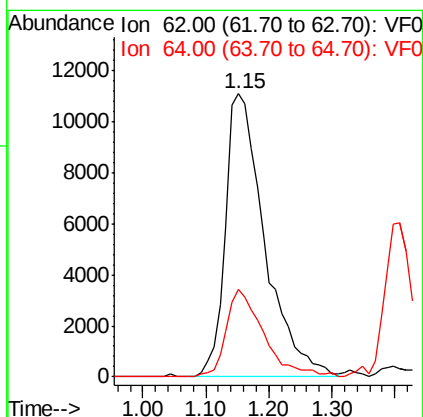
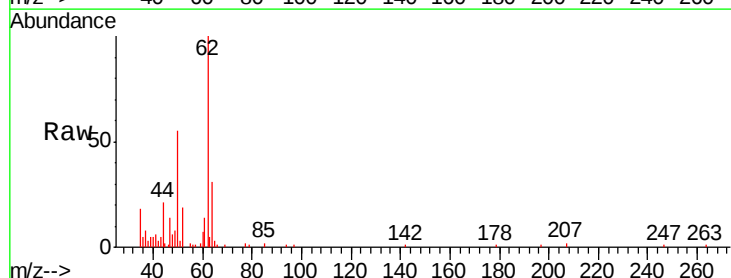
Acq: 27 Nov 2018 14:32

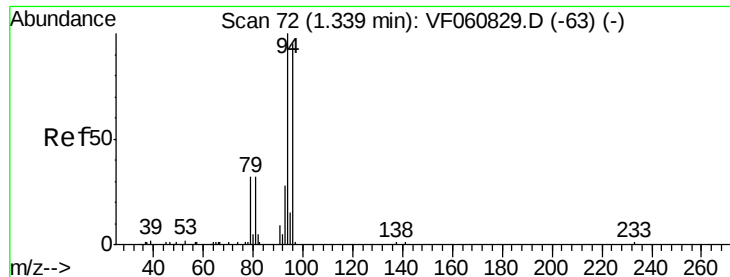
Tgt Ion: 62 Resp: 47980

Ion Ratio Lower Upper

62 100

64 30.9 26.4 39.6





#5

Bromomethane

Concen: 23.46 ug/l

RT: 1.35 min Scan# 73

Delta R.T. 0.01 min

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Tgt Ion: 94 Resp: 31600

Ion Ratio Lower Upper

94 100

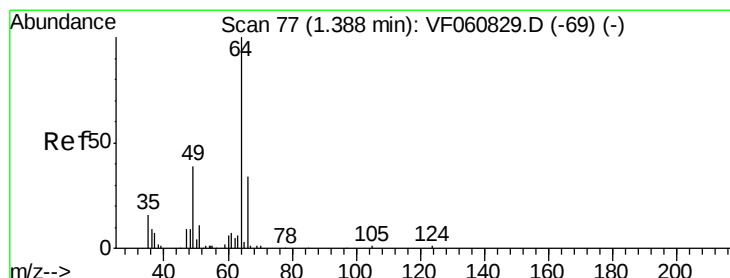
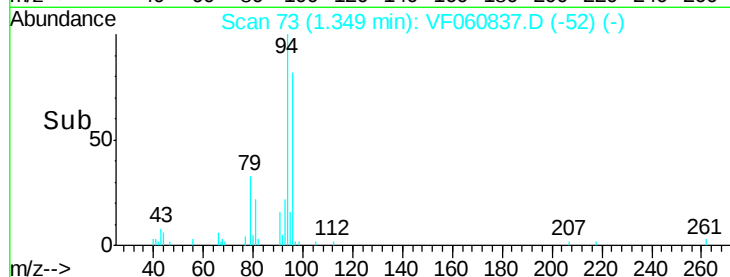
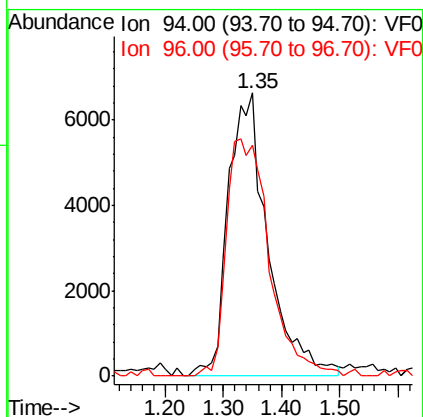
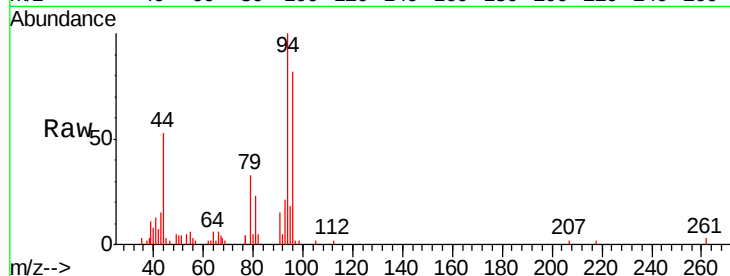
96 81.7 75.9 113.9

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11/28/2018 2:12:23 PM



#6

Chloroethane

Concen: 24.60 ug/l

RT: 1.41 min Scan# 79

Delta R.T. 0.02 min

Lab File: VF060837.D

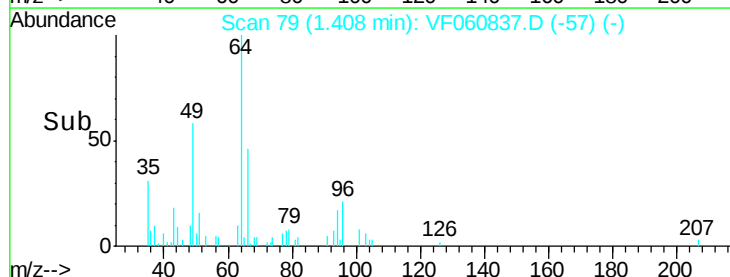
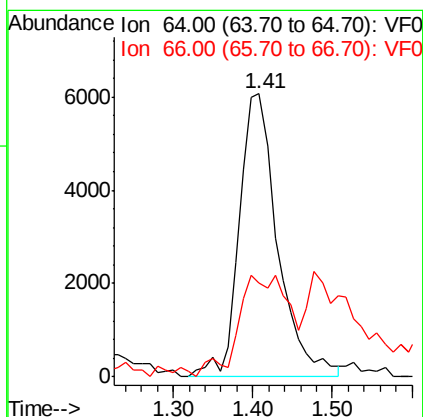
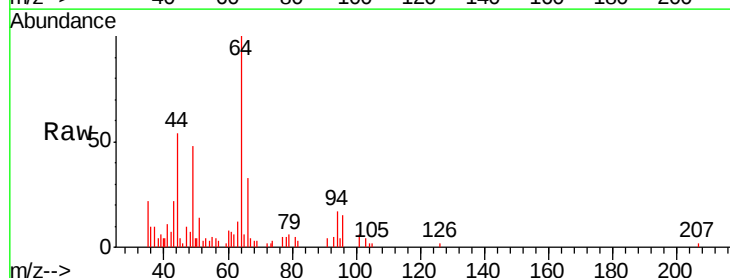
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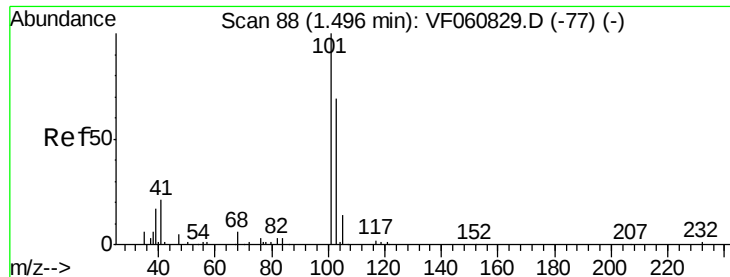
Tgt Ion: 64 Resp: 20320

Ion Ratio Lower Upper

64 100

66 33.2 28.1 42.1





#7

Trichlorofluoromethane

Concen: 21.47 ug/l

RT: 1.50 min Scan# 88

Delta R.T. 0.00 min

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Tgt Ion: 101 Resp: 88020

Ion Ratio Lower Upper

101 100

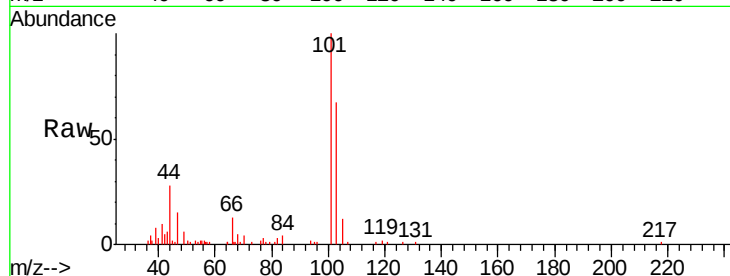
103 67.2 55.4 83.0

Manual Integrations

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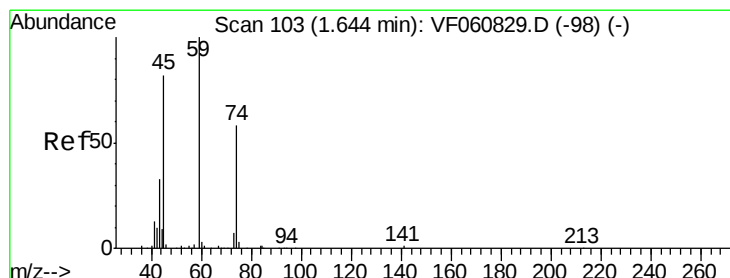
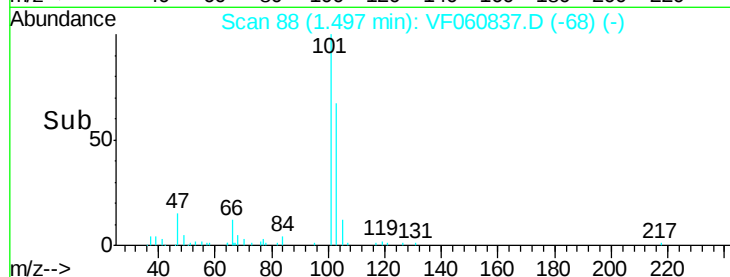
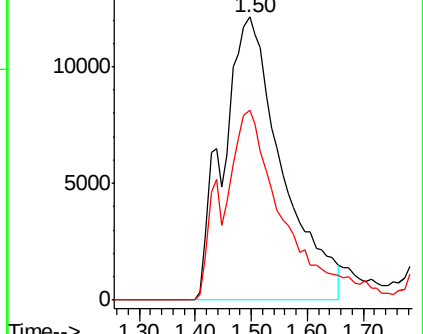
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 22.76 ug/l

RT: 1.65 min Scan# 103

Delta R.T. 0.00 min

Lab File: VF060837.D

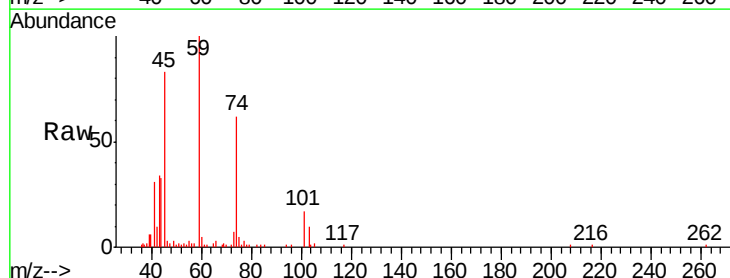
Acq: 27 Nov 2018 14:32

Tgt Ion: 74 Resp: 13419

Ion Ratio Lower Upper

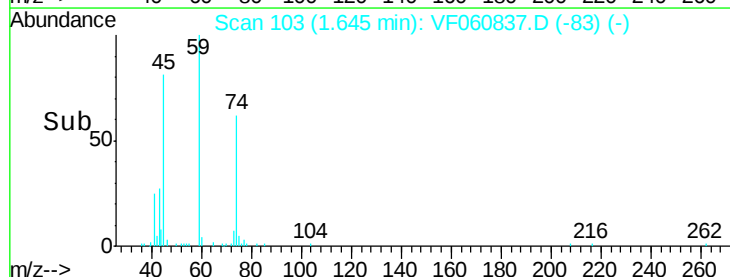
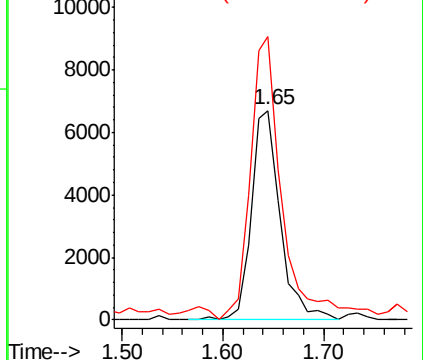
74 100

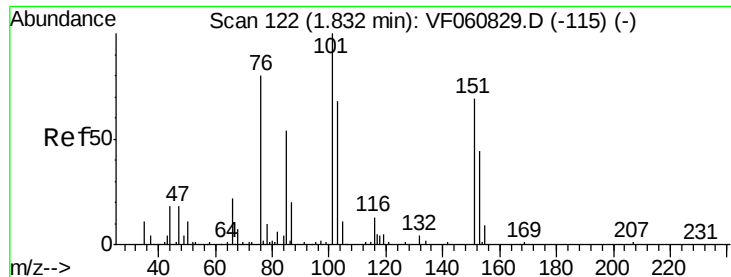
45 135.2 71.0 212.8



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.02 ug/l

RT: 1.84 min Scan# 123

Delta R.T. 0.01 min

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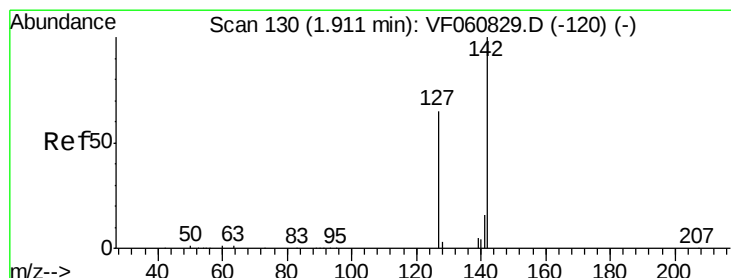
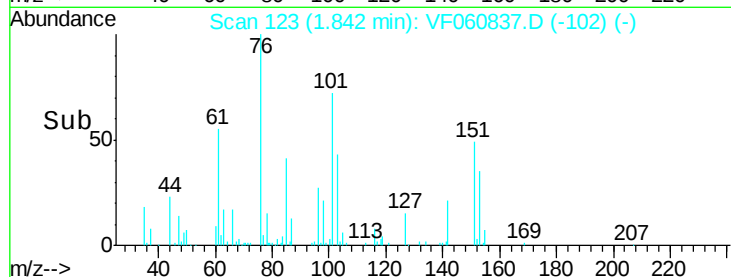
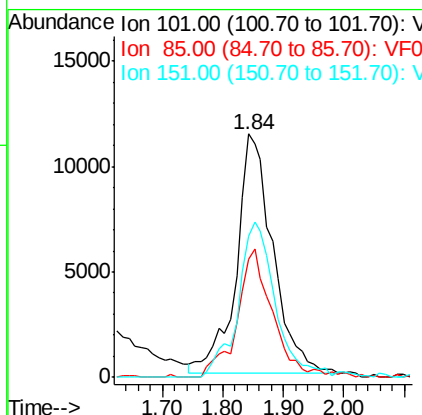
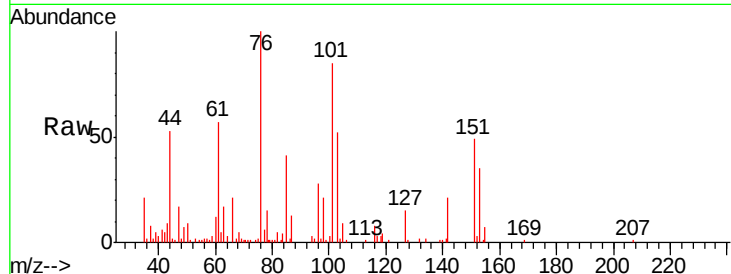
ClientSampleId :

VF1127SBS01

Tgt Ion:	101	Resp:	47700
Ion Ratio	Lower	Upper	
101	100		
85	48.6	42.8	64.2
151	58.0	54.4	81.6

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#10

Methyl Iodide

Concen: 18.60 ug/l

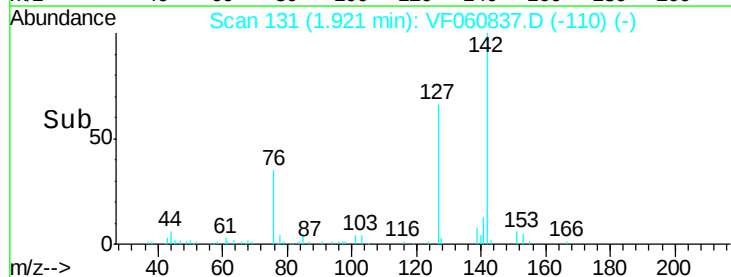
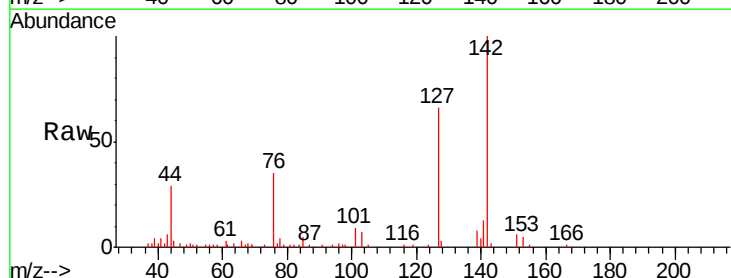
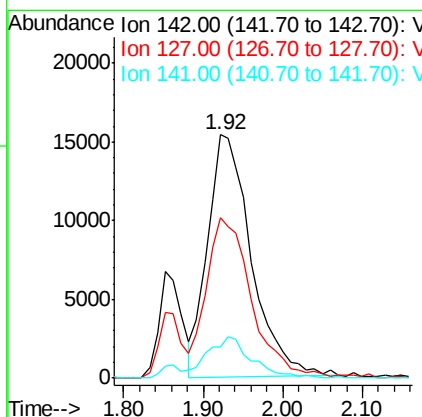
RT: 1.92 min Scan# 131

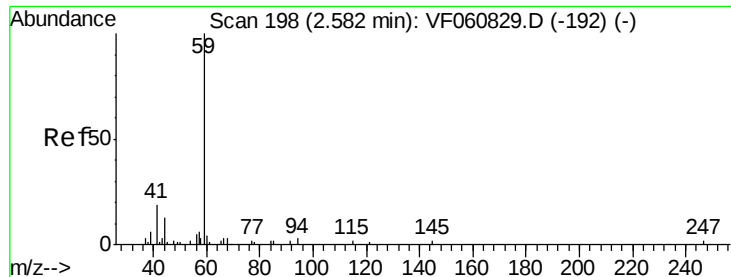
Delta R.T. 0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Tgt Ion:	142	Resp:	58598
Ion Ratio	Lower	Upper	
142	100		
127	66.1	51.9	77.9
141	13.0	12.7	19.1





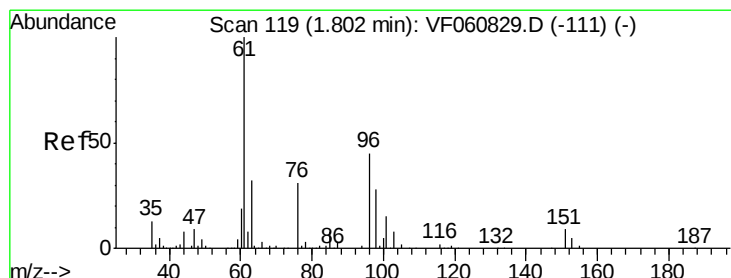
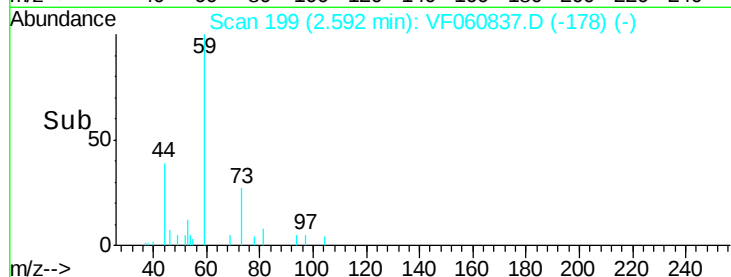
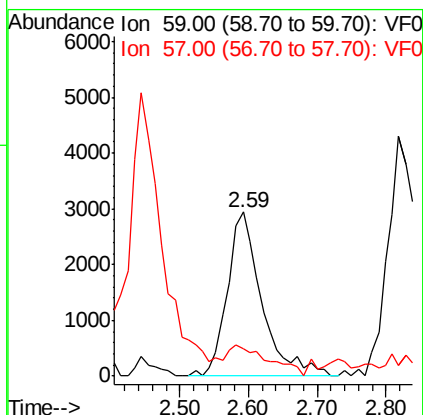
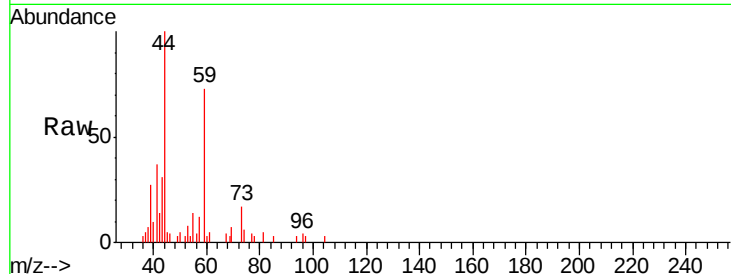
#11
Tert butyl alcohol
Concen: 100.51 ug/l
RT: 2.59 min Scan# 199
Delta R.T. 0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

Tgt Ion: 59 Resp: 10218
Ion Ratio Lower Upper
59 100
57 16.4 12.7 19.1

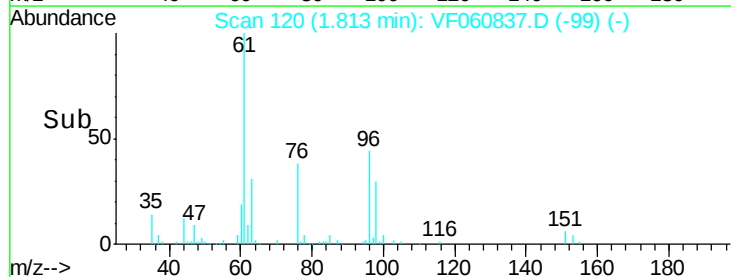
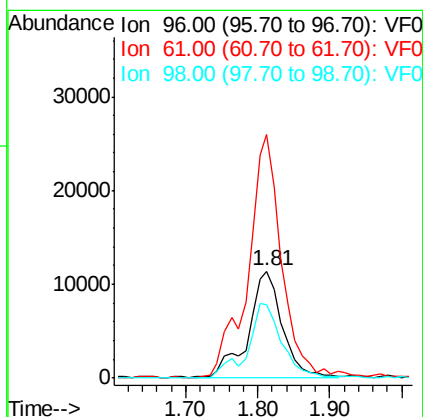
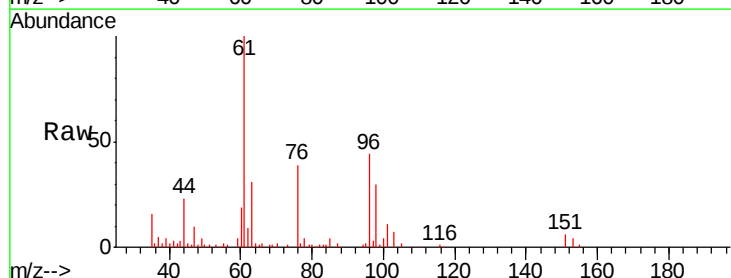
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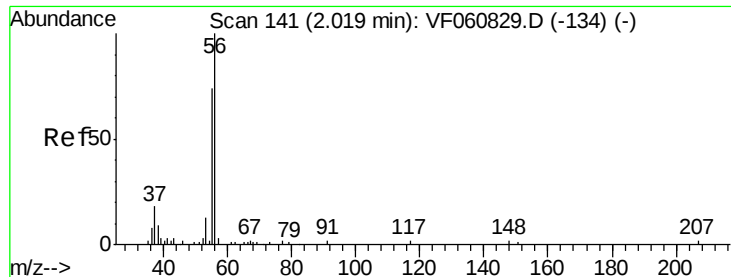
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#12
1,1-Dichloroethene
Concen: 22.77 ug/l
RT: 1.81 min Scan# 120
Delta R.T. 0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion: 96 Resp: 37959
Ion Ratio Lower Upper
96 100
61 227.3 177.3 265.9
98 69.0 49.6 74.4





#13

Acrolein

Concen: 111.43 ug/l

RT: 2.02 min Scan# 141

Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

VF1127SBS01

Tgt Ion: 56 Resp: 10733

Ion Ratio Lower Upper

56 100

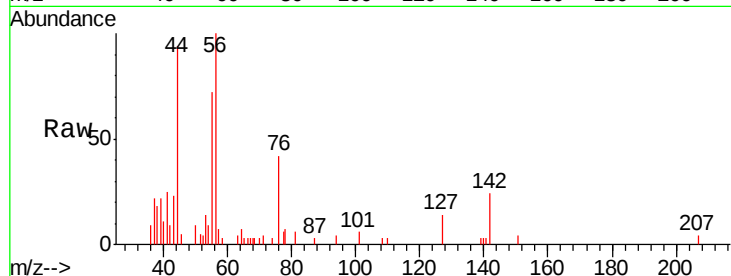
55 72.0 61.2 91.8

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Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

2.02

4000

3000

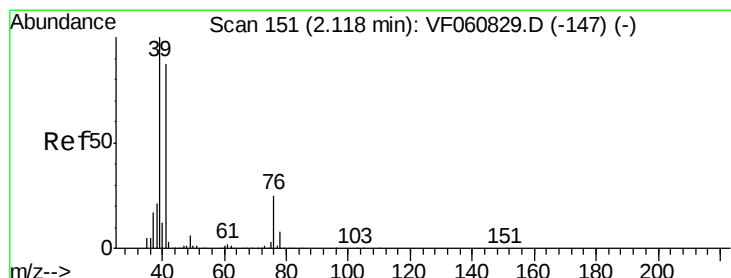
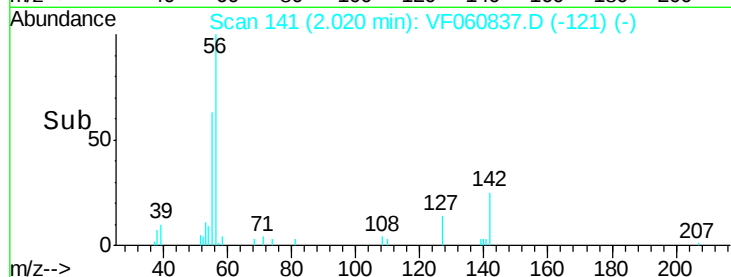
2000

1000

0

1.90 2.00 2.10

Time-->



#14

Allyl chloride

Concen: 21.96 ug/l

RT: 2.11 min Scan# 150

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

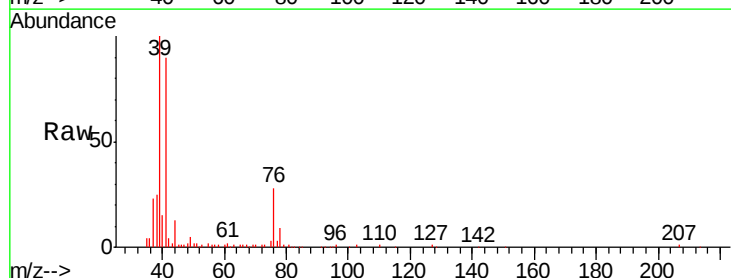
Tgt Ion: 41 Resp: 45628

Ion Ratio Lower Upper

41 100

39 111.0 91.7 137.5

76 31.6 23.5 35.3



Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0

30000

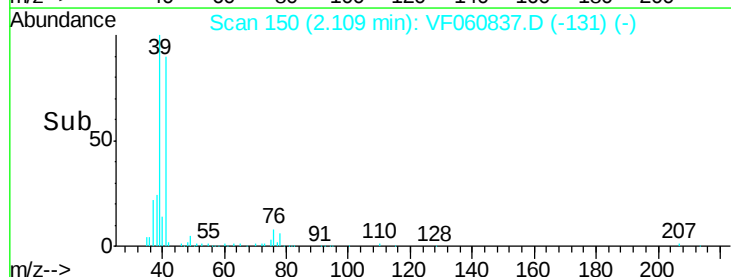
20000

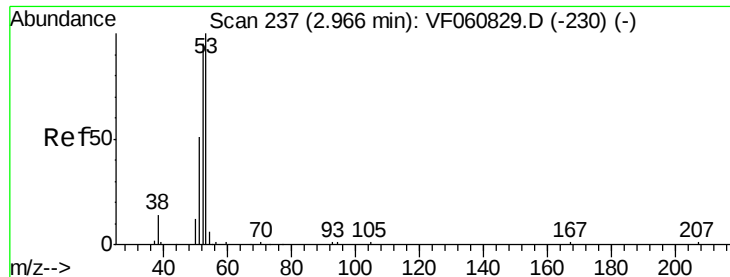
10000

0

2.00 2.05 2.10 2.15 2.20

Time-->





#15

Acrylonitrile

Concen: 108.08 ug/l

RT: 2.97 min Scan# 237

Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

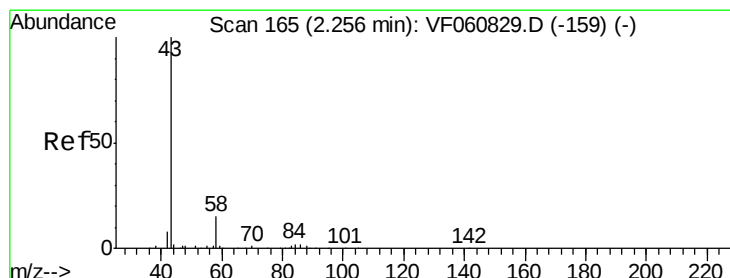
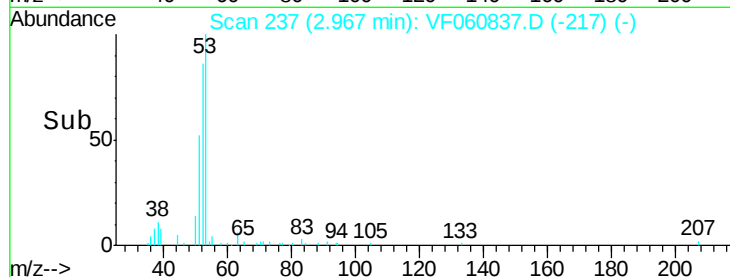
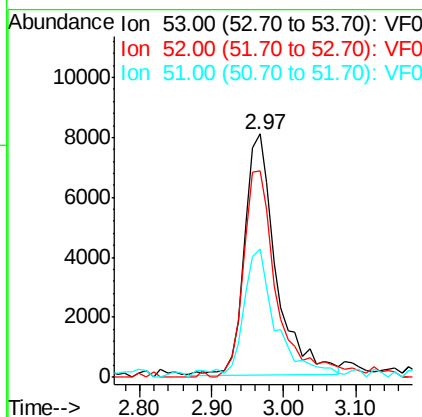
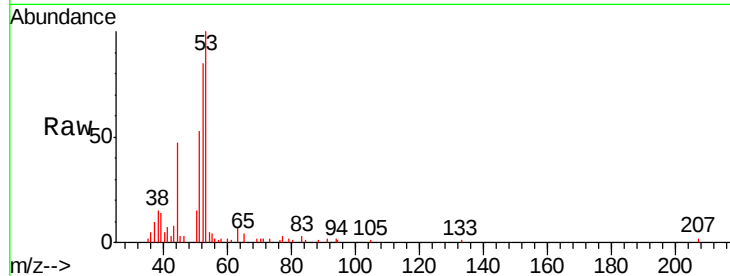
ClientSampleId :

VF1127SBS01

Tgt Ion:	53	Resp:	24632
Ion	Ratio	Lower	Upper
53	100		
52	84.6	76.5	114.7
51	52.8	40.7	61.1

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#16

Acetone

Concen: 116.72 ug/l

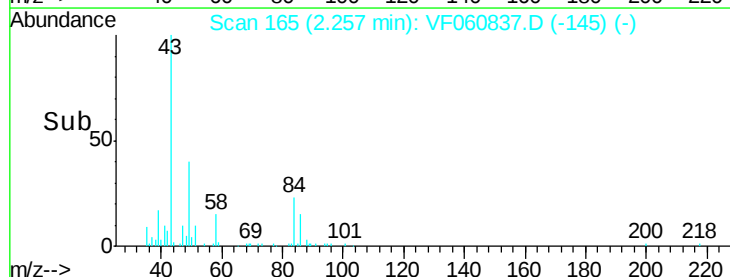
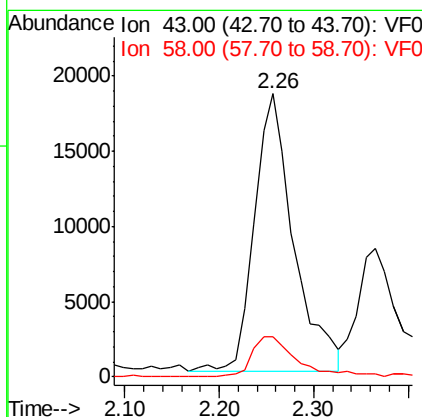
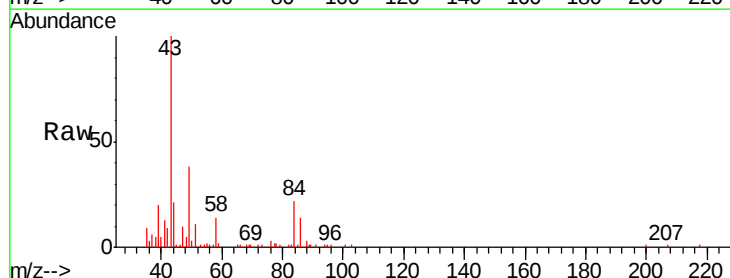
RT: 2.26 min Scan# 165

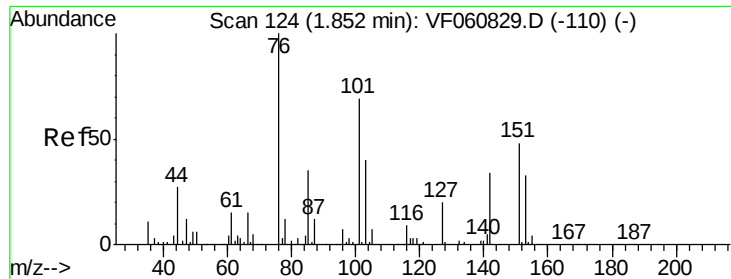
Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Tgt Ion:	43	Resp:	53377
Ion	Ratio	Lower	Upper
43	100		
58	14.3	11.4	17.2





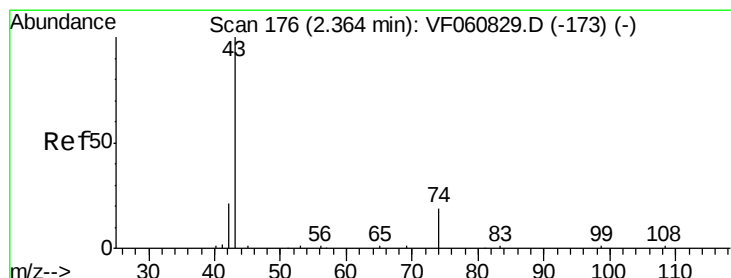
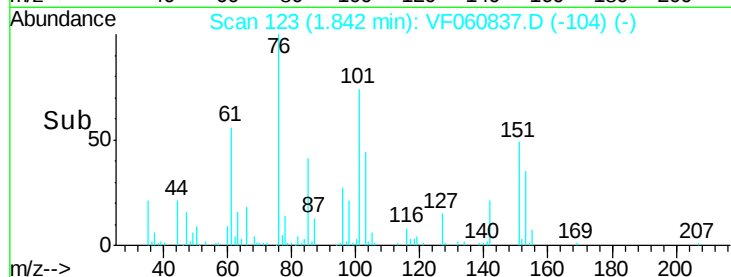
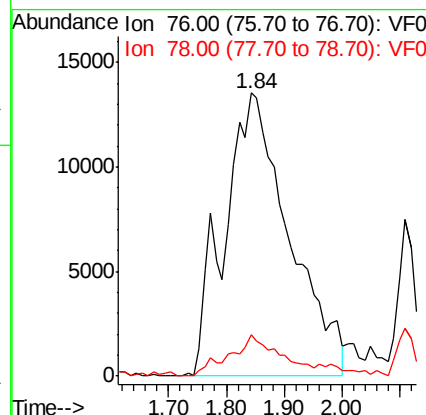
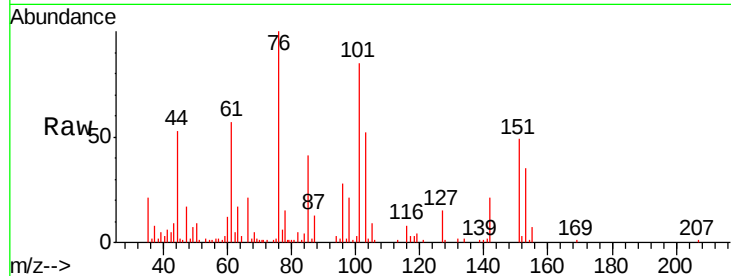
#17
Carbon Disulfide
Concen: 23.57 ug/l m
RT: 1.84 min Scan# 123
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

Tgt Ion: 76 Resp: 105353
Ion Ratio Lower Upper
76 100
78 14.8 10.2 15.2

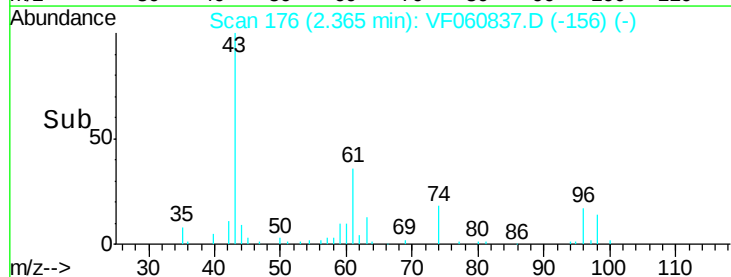
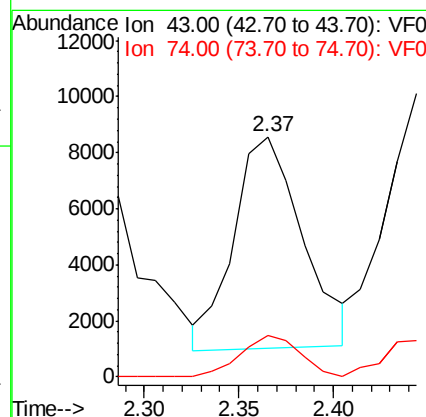
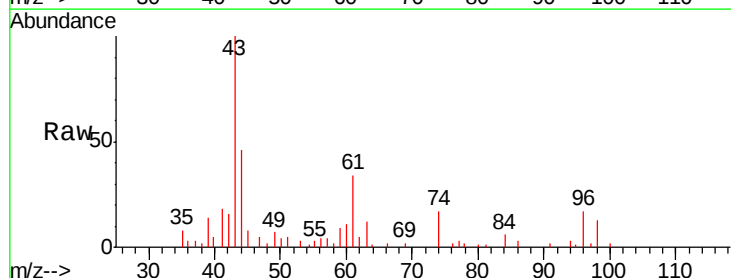
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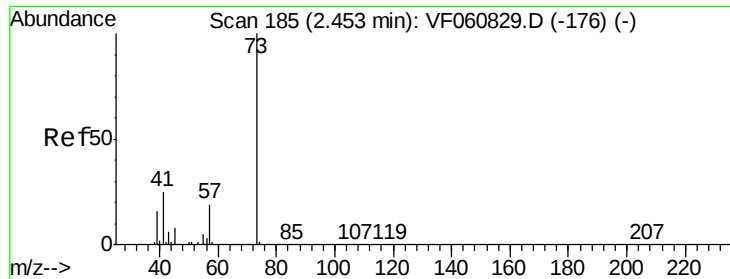
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#18
Methyl Acetate
Concen: 24.13 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion: 43 Resp: 19170
Ion Ratio Lower Upper
43 100
74 17.5 13.3 19.9





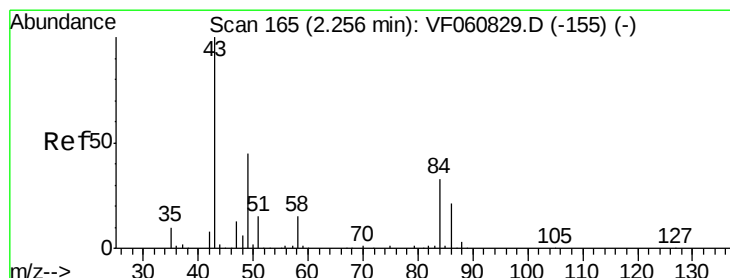
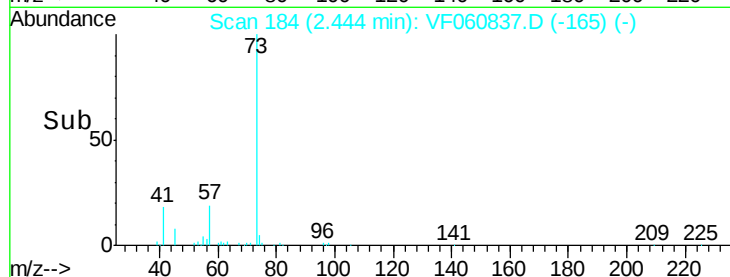
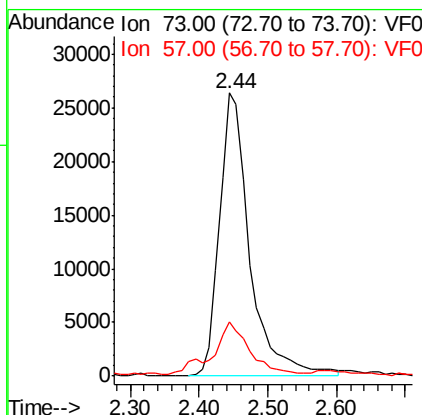
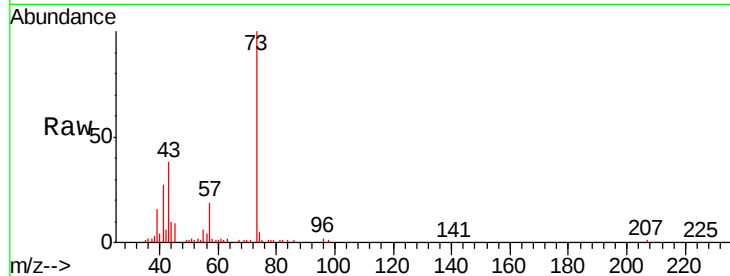
#19
Methyl tert-butyl Ether
Concen: 21.51 ug/l
RT: 2.44 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

Tgt Ion: 73 Resp: 80752
Ion Ratio Lower Upper
73 100
57 19.2 15.3 22.9

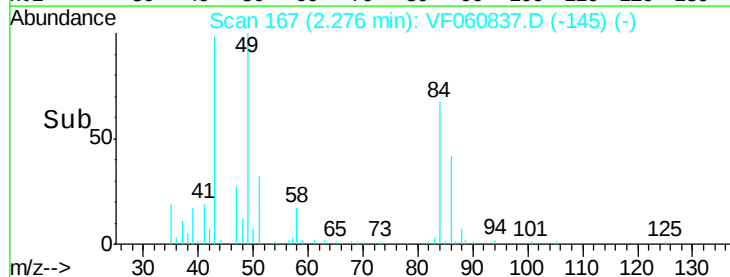
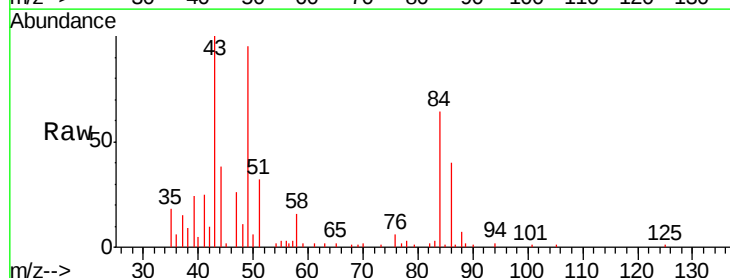
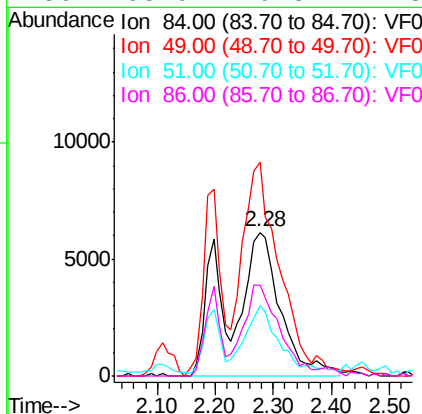
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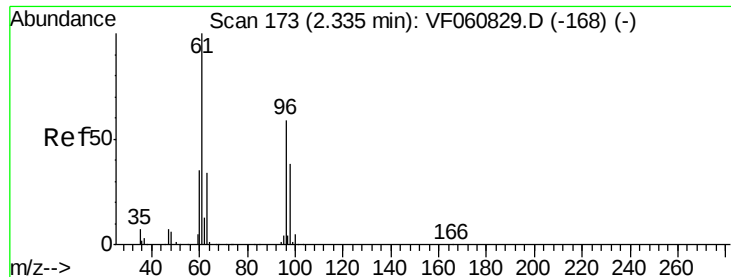
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#20
Methylene Chloride
Concen: 22.47 ug/l m
RT: 2.28 min Scan# 167
Delta R.T. 0.02 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion: 84 Resp: 37698
Ion Ratio Lower Upper
84 100
49 149.0 111.3 166.9
51 49.5 38.0 57.0
86 63.0 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 19.92 ug/l

RT: 2.33 min Scan# 172

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

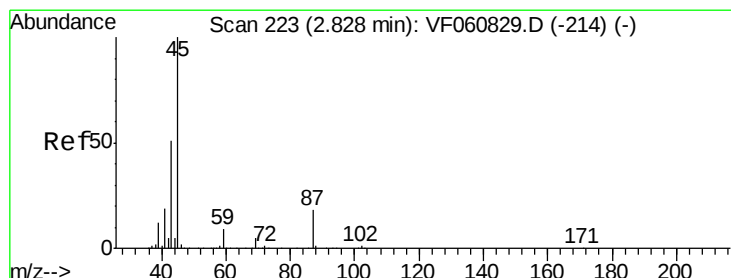
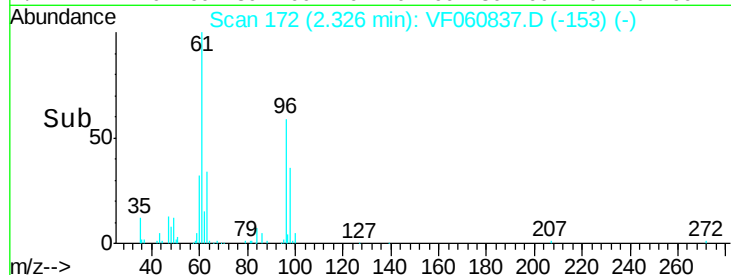
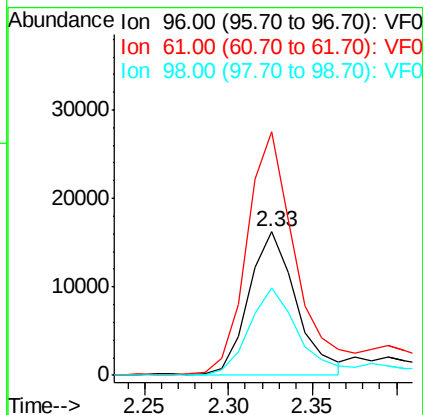
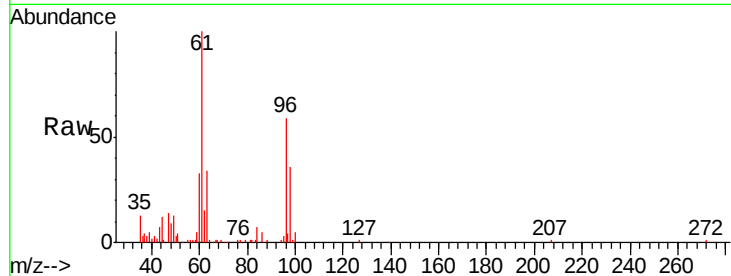
ClientSampleId :

VF1127SBS01

Tgt Ion:	96	Resp:	32011
Ion	Ratio	Lower	Upper
96	100		
61	169.4	134.5	201.7
98	60.9	51.6	77.4

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#22

Diisopropyl ether

Concen: 21.97 ug/l

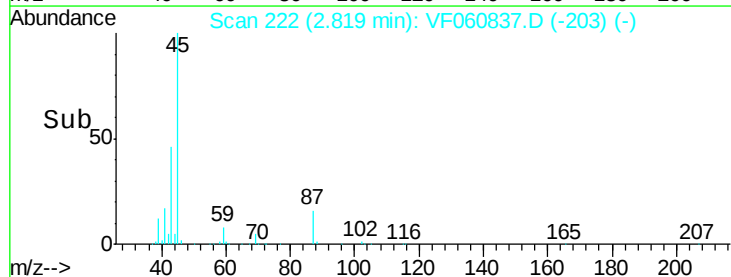
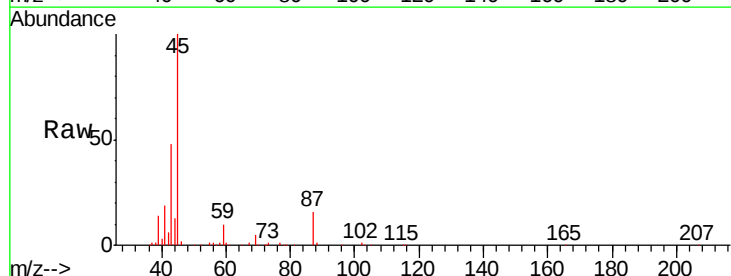
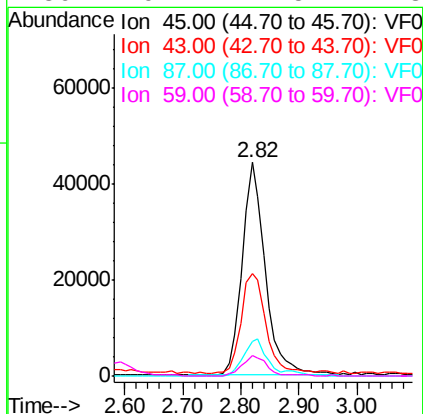
RT: 2.82 min Scan# 222

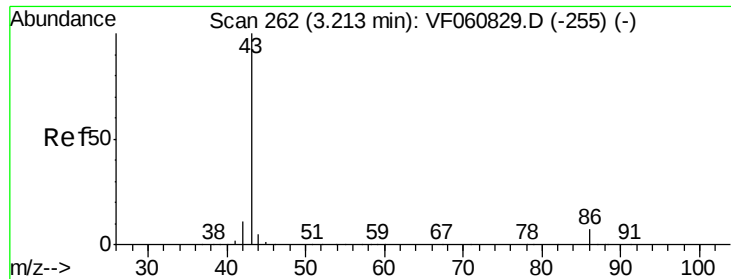
Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Tgt Ion:	45	Resp:	124273
Ion	Ratio	Lower	Upper
45	100		
43	47.8	41.0	61.6
87	16.4	14.6	22.0
59	9.7	7.5	11.3





#23

Vinyl Acetate

Concen: 118.37 ug/l

RT: 3.21 min Scan# 262

Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

VF1127SBS01

Tgt Ion: 43 Resp: 306000

Ion Ratio Lower Upper

43 100

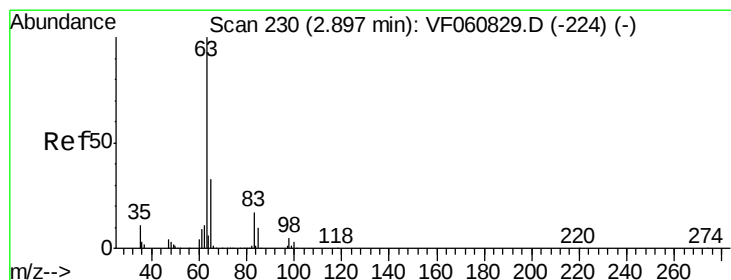
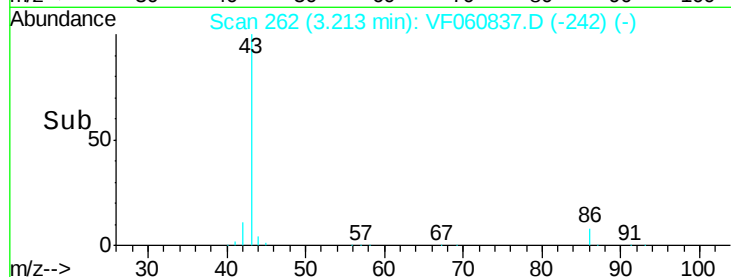
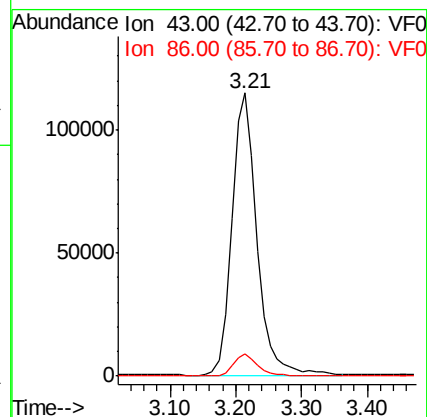
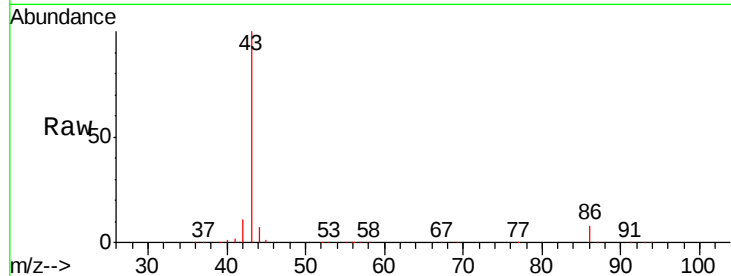
86 7.6 5.4 8.0

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#24

1,1-Dichloroethane

Concen: 21.52 ug/l

RT: 2.89 min Scan# 229

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

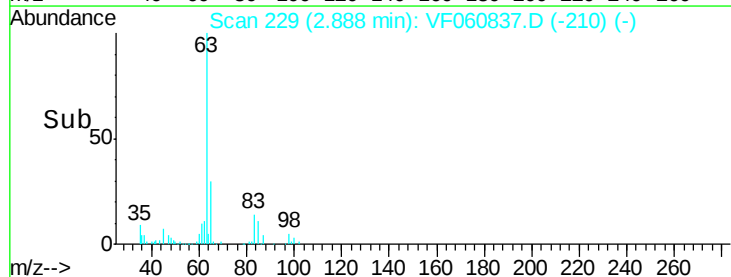
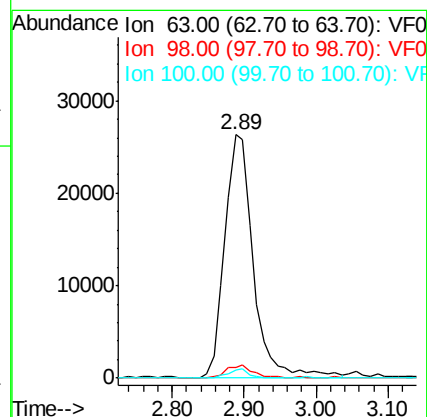
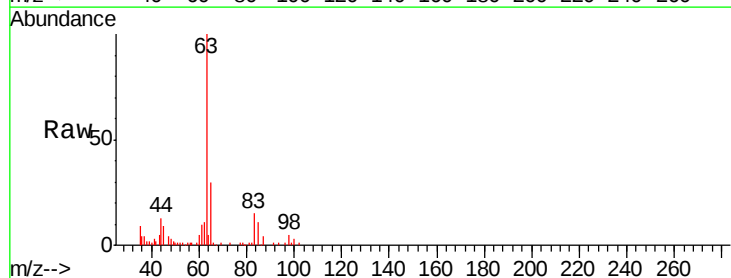
Tgt Ion: 63 Resp: 72394

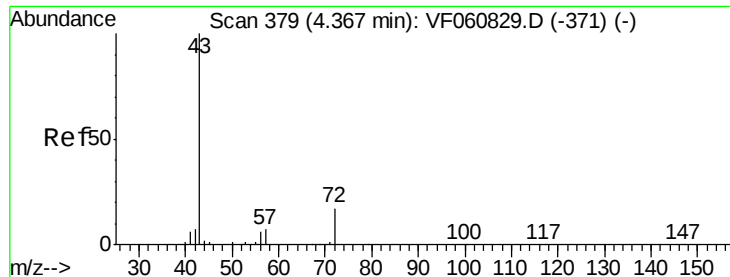
Ion Ratio Lower Upper

63 100

98 4.6 2.7 8.1

100 3.2 1.5 4.5





#25

2-Butanone

Concen: 116.39 ug/l

RT: 4.37 min Scan# 379

Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

VF1127SBS01

Tgt Ion: 43 Resp: 92062

Ion Ratio Lower Upper

43 100

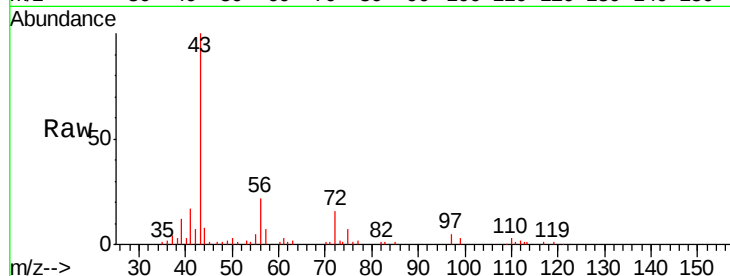
72 15.7 15.4 23.2

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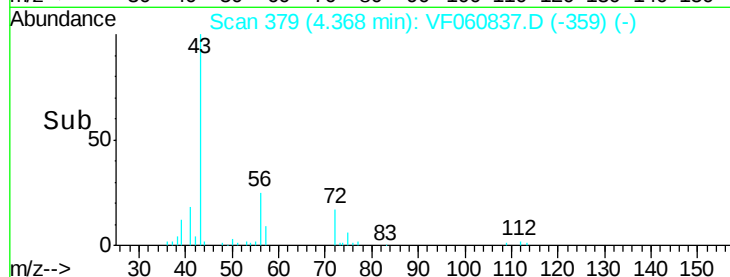
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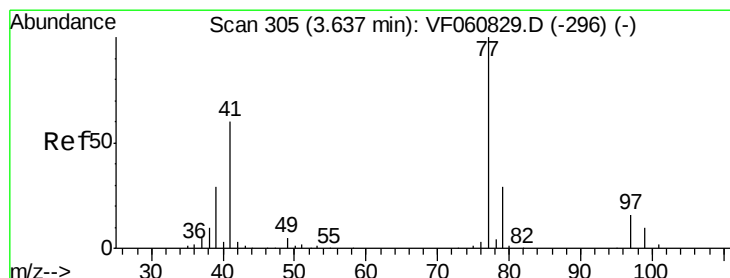
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Time-->



Time-->



#26

2,2-Dichloropropane

Concen: 20.61 ug/l

RT: 3.63 min Scan# 304

Delta R.T. -0.01 min

Lab File: VF060837.D

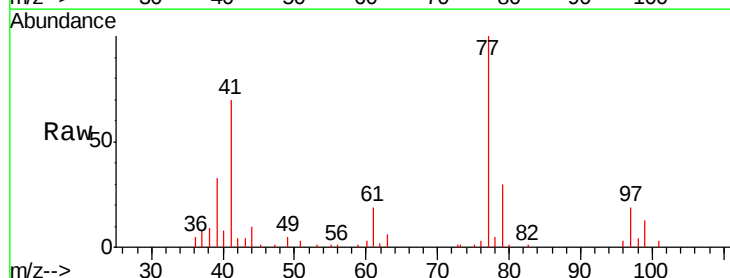
Acq: 27 Nov 2018 14:32

Tgt Ion: 77 Resp: 44966

Ion Ratio Lower Upper

77 100

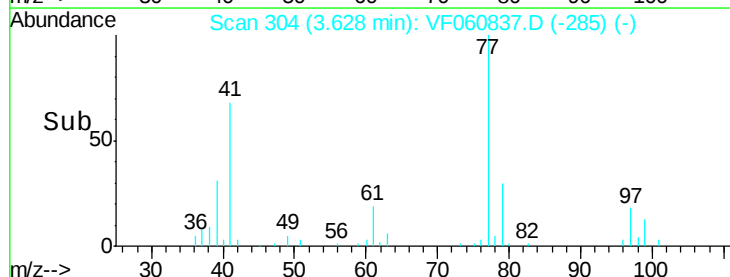
97 18.6 8.6 25.8



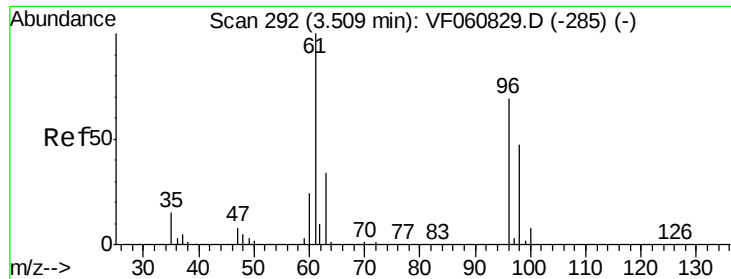
Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

Time-->



Time-->



#27

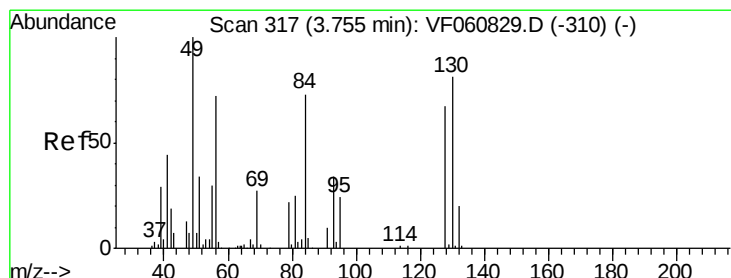
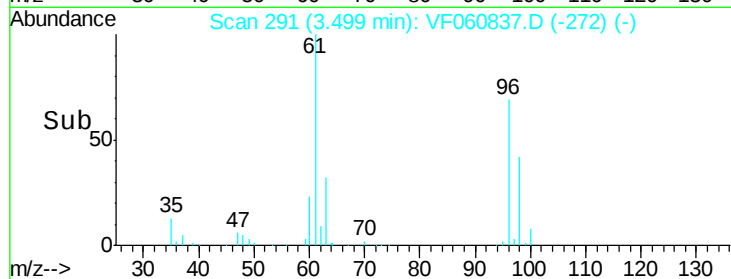
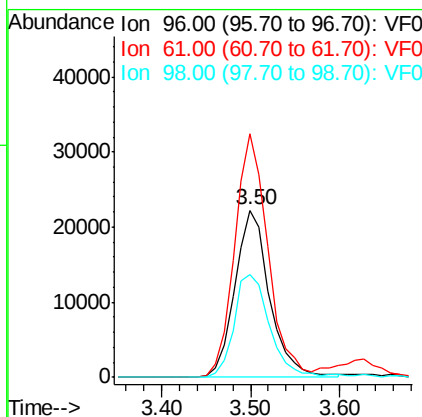
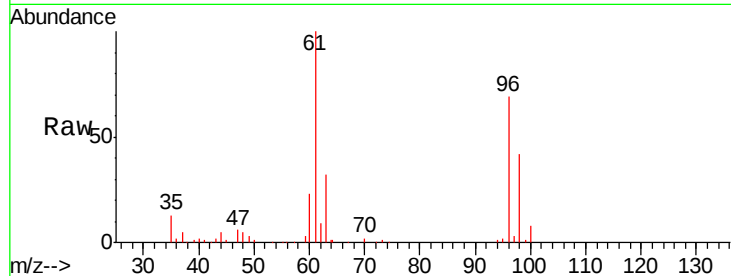
cis-1,2-Dichloroethene
Concen: 23.06 ug/l
RT: 3.50 min Scan# 291
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	290.6
98	61.8	0.0	137.8

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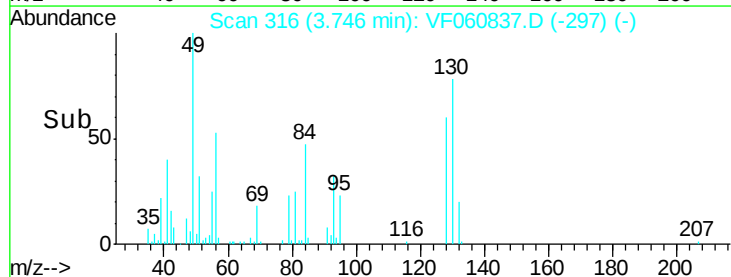
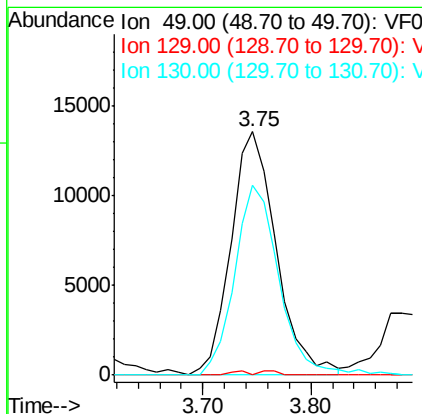
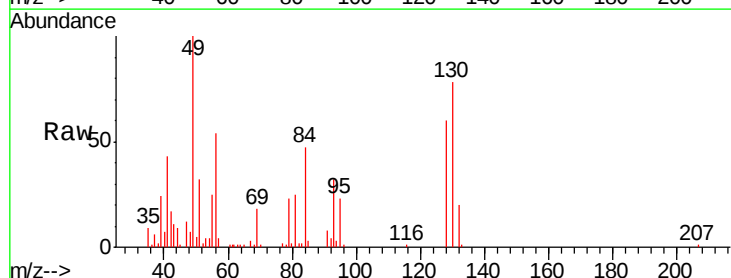
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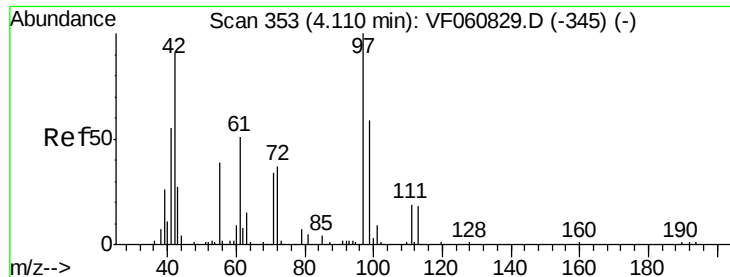


#28

Bromochloromethane
Concen: 24.51 ug/l
RT: 3.75 min Scan# 316
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	77.7	64.2	96.4





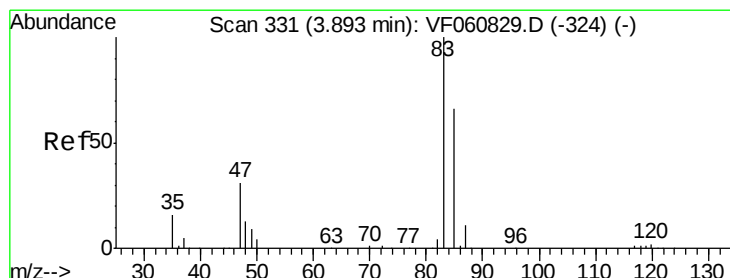
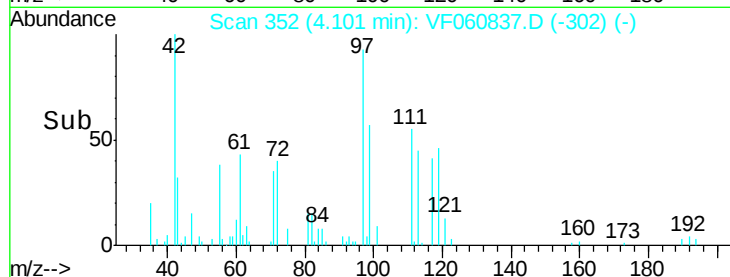
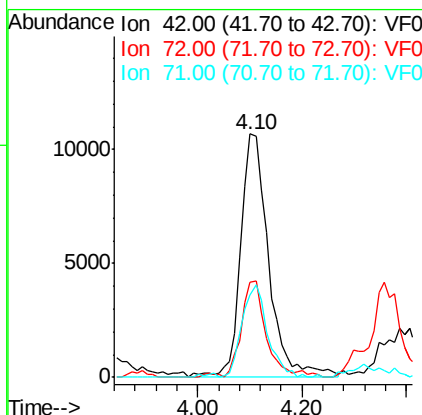
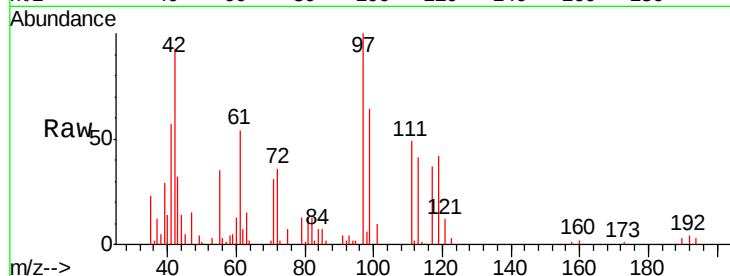
#29
Tetrahydrofuran
Concen: 116.06 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	38915		
72	34.8		31.9	47.9
71	34.4		28.7	43.1

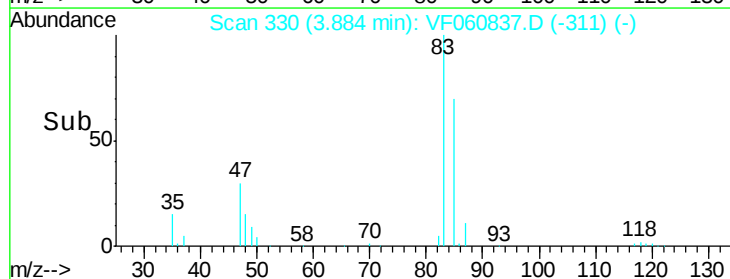
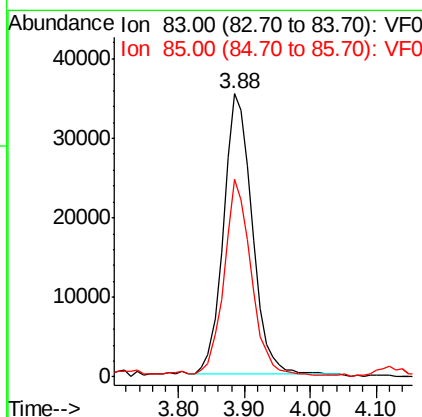
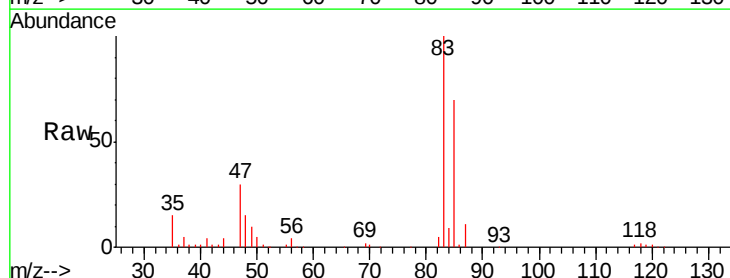
Manual Integrations
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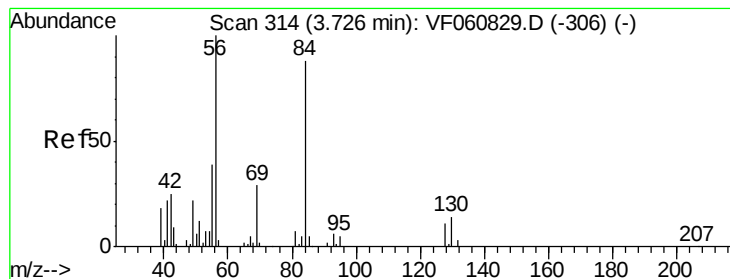
apatel
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#30
Chloroform
Concen: 20.79 ug/l
RT: 3.88 min Scan# 330
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	107672		
85	69.8		53.4	80.2





#31

Cyclohexane

Concen: 24.52 ug/l m

RT: 3.72 min Scan# 313

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

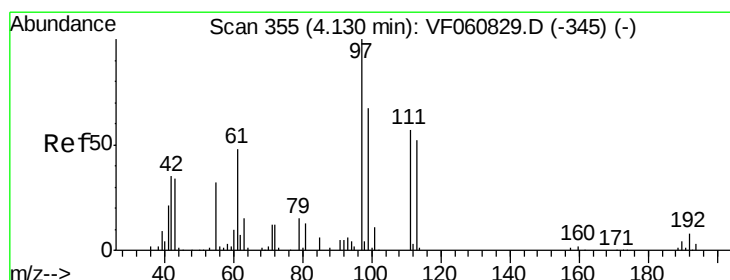
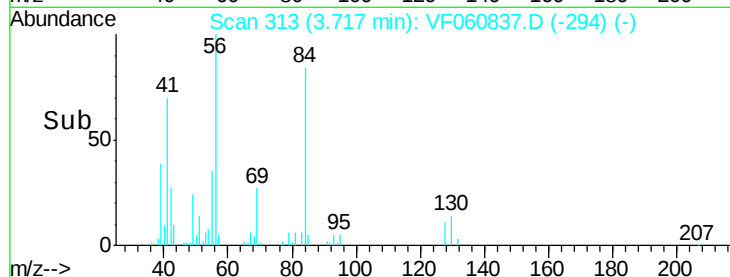
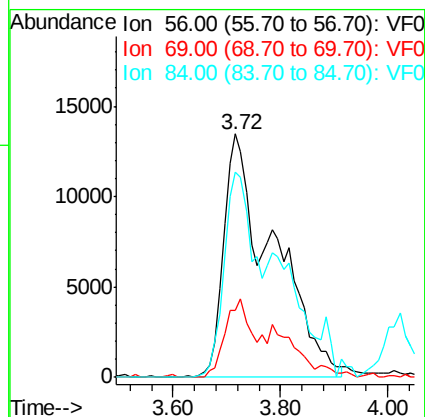
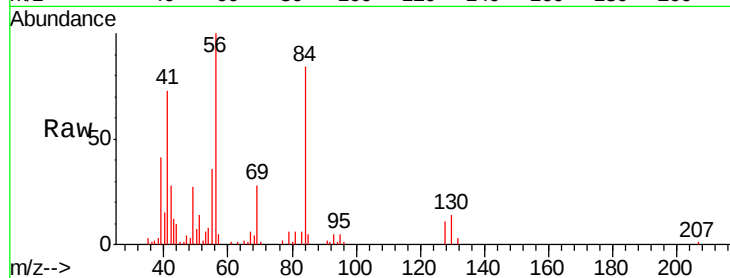
ClientSampleId :

VF1127SBS01

Tgt Ion:	56	Resp:	85626
Ion	Ratio	Lower	Upper
56	100		
69	27.7	23.0	34.4
84	84.1	70.4	105.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.33 ug/l

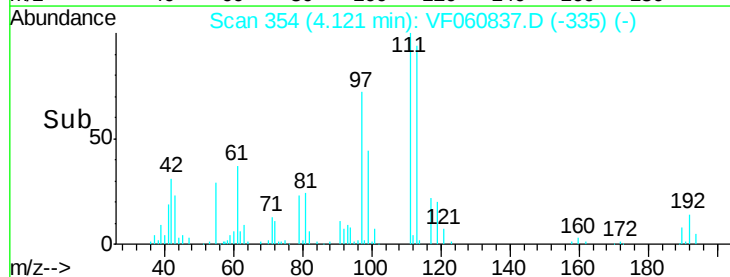
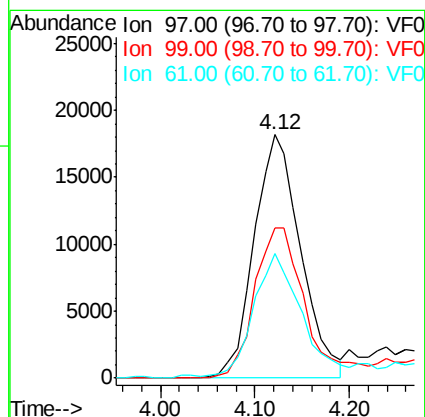
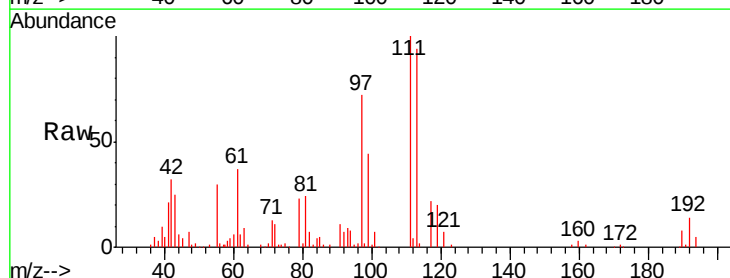
RT: 4.12 min Scan# 354

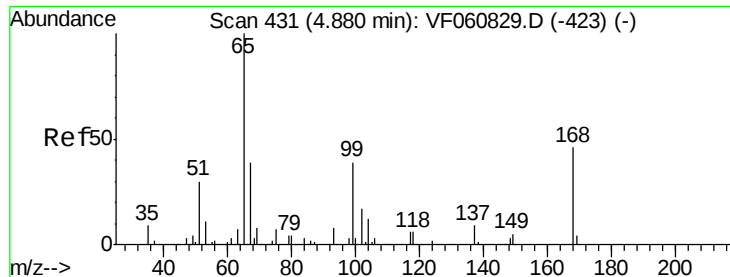
Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Tgt Ion:	97	Resp:	62244
Ion	Ratio	Lower	Upper
97	100		
99	61.6	53.5	80.3
61	51.3	38.6	58.0





#33

1,2-Dichloroethane-d4

Concen: 49.60 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

VF1127SBS01

Tgt Ion: 65 Resp: 123016

Ion Ratio Lower Upper

65 100

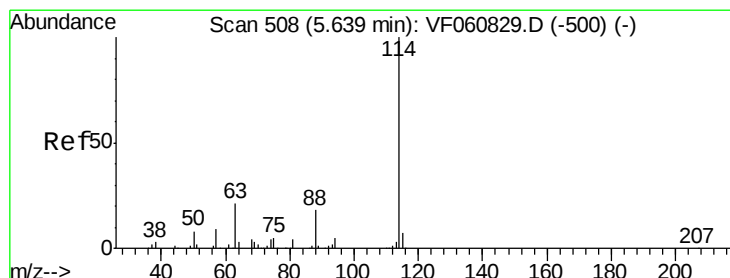
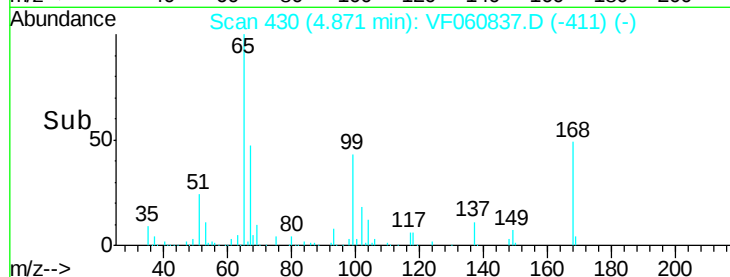
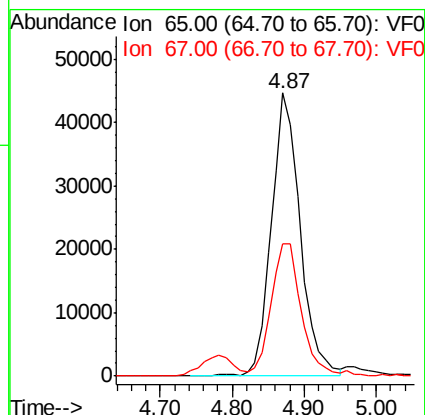
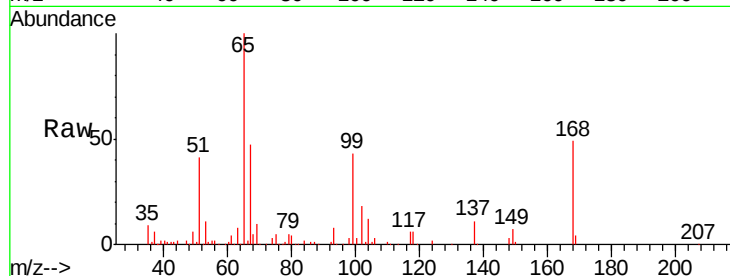
67 46.8 0.0 96.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 507

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

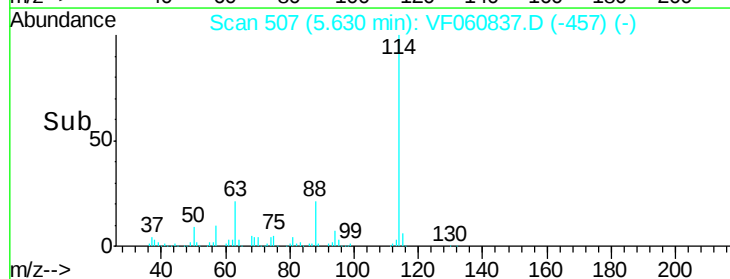
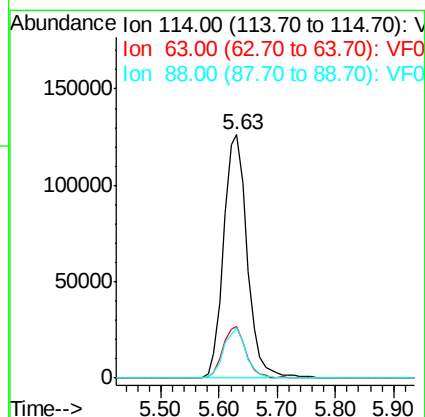
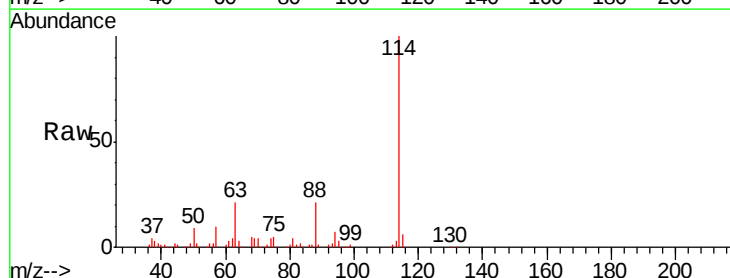
Tgt Ion: 114 Resp: 356045

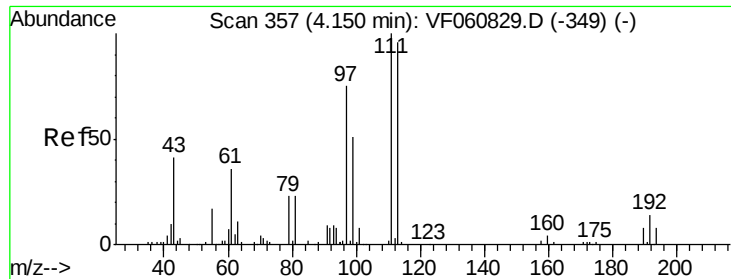
Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.6

88 20.8 0.0 36.6





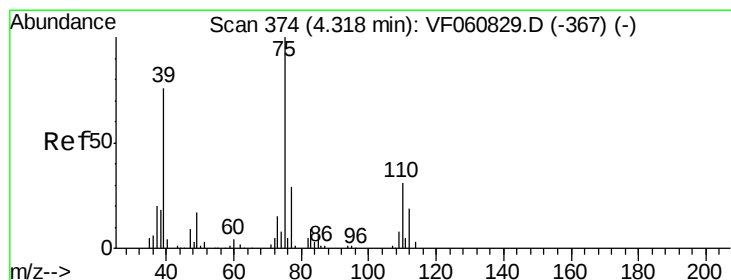
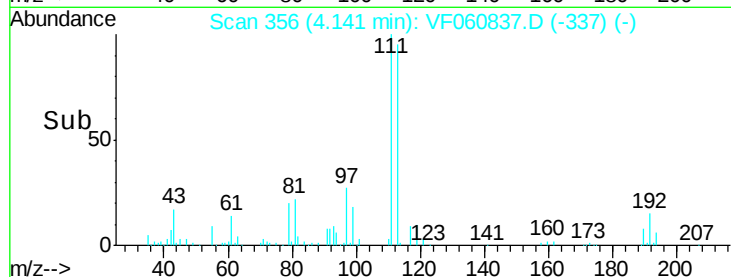
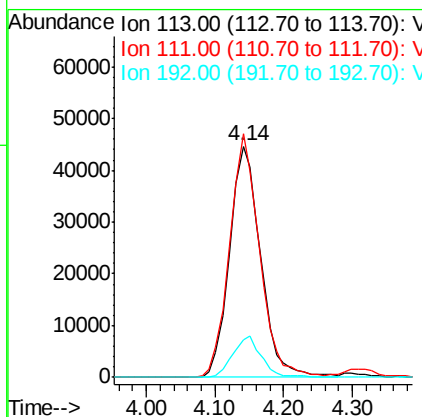
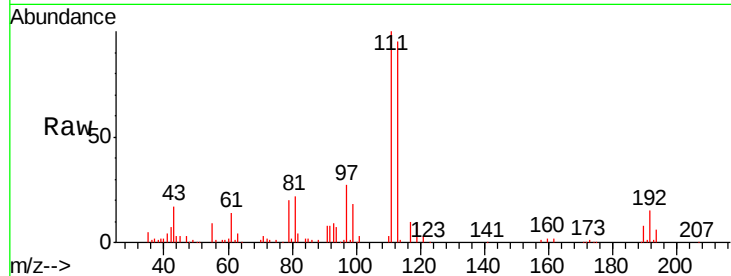
#35
Dibromofluoromethane
Concen: 49.41 ug/l
RT: 4.14 min Scan# 356
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	139556		
111	105.3	83.0	124.6	
192	16.0	12.3	18.5	

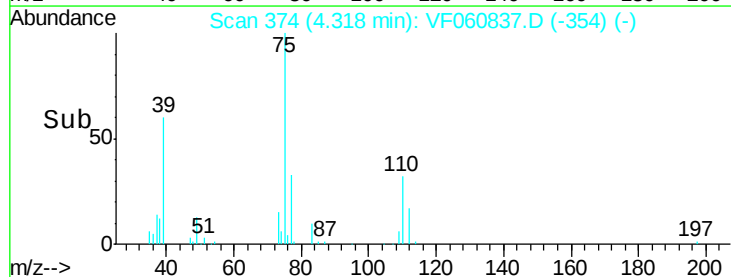
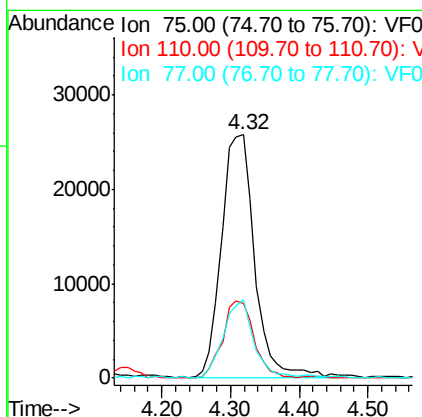
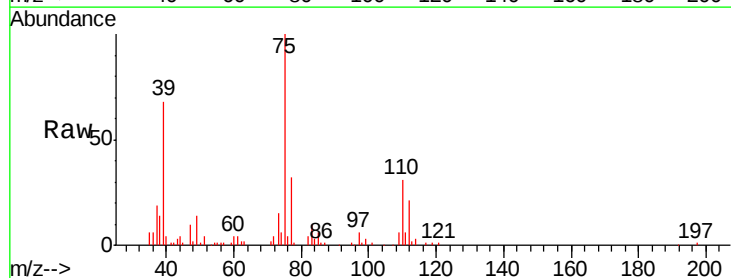
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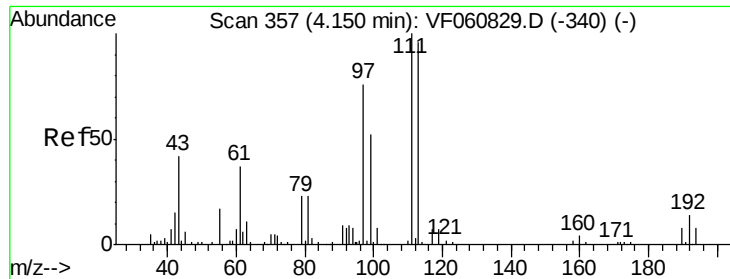
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#36
1,1-Dichloropropene
Concen: 21.97 ug/l
RT: 4.32 min Scan# 374
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	86759		
110	30.8	15.6	46.8	
77	32.2	23.4	35.0	





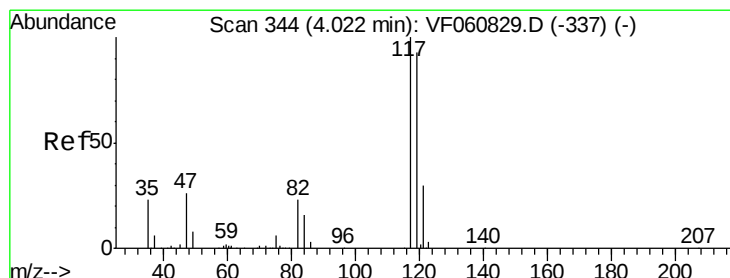
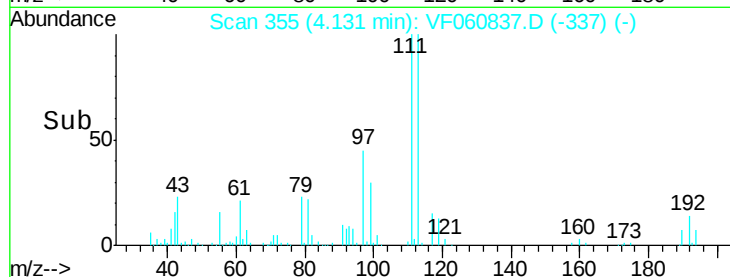
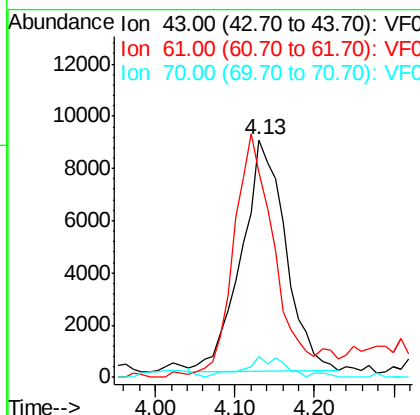
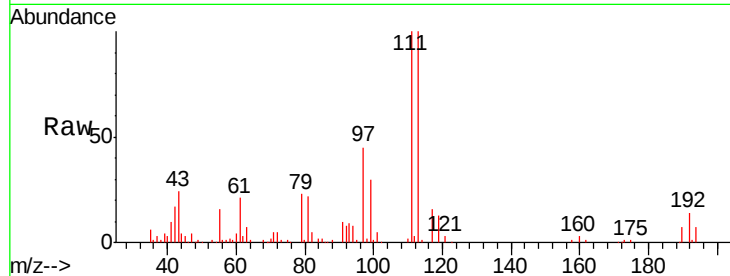
#37
Ethyl Acetate
Concen: 21.10 ug/l
RT: 4.13 min Scan# 355
Delta R.T. -0.02 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	86.5	68.6	103.0
70	8.7	9.0	13.4#

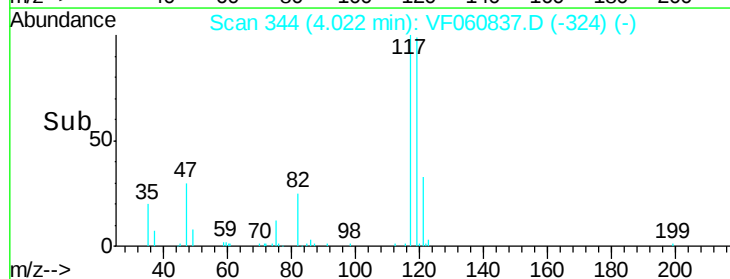
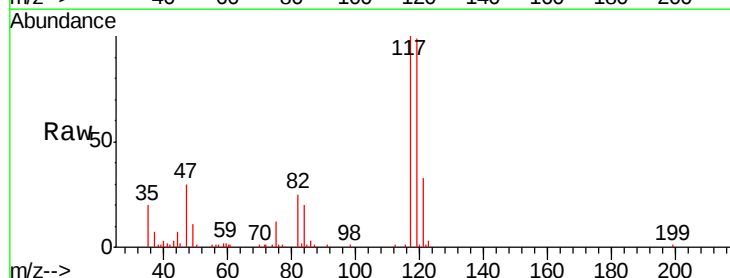
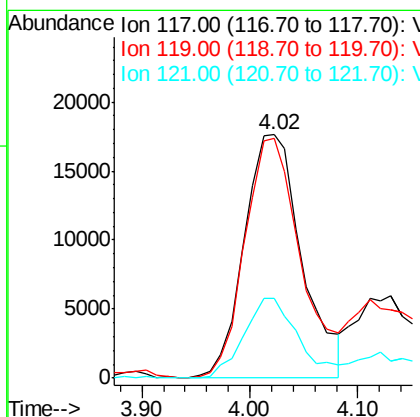
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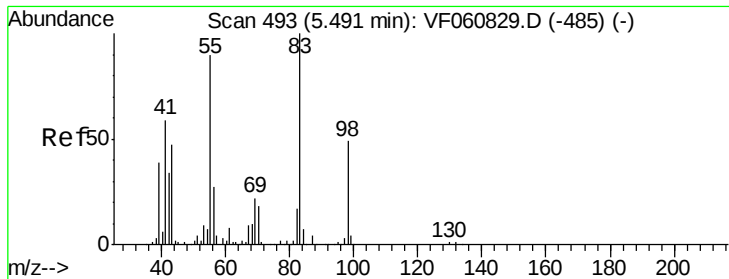
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#38
Carbon Tetrachloride
Concen: 18.70 ug/l
RT: 4.02 min Scan# 344
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	74.4	111.6
121	33.6	23.5	35.3





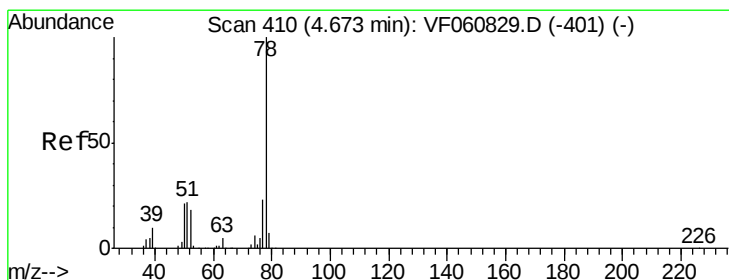
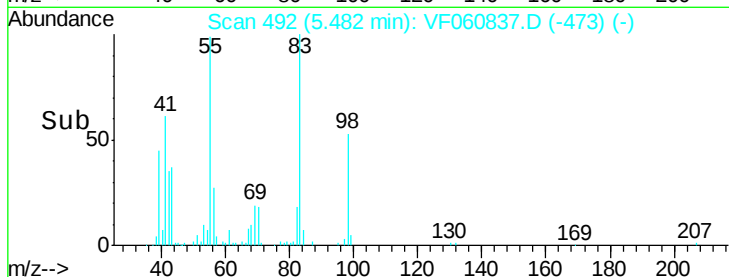
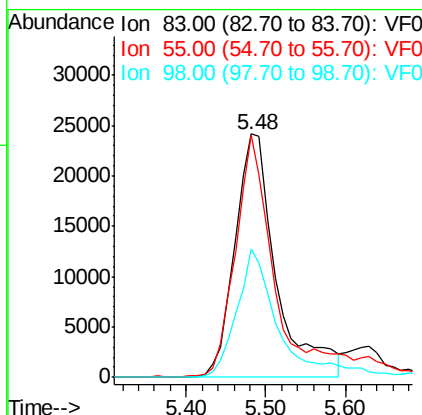
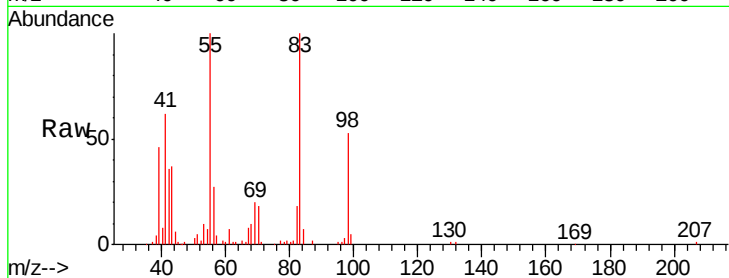
#39
Methylcyclohexane
Concen: 21.21 ug/l
RT: 5.48 min Scan# 492
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	99.5	72.1	108.1
98	52.7	39.1	58.7

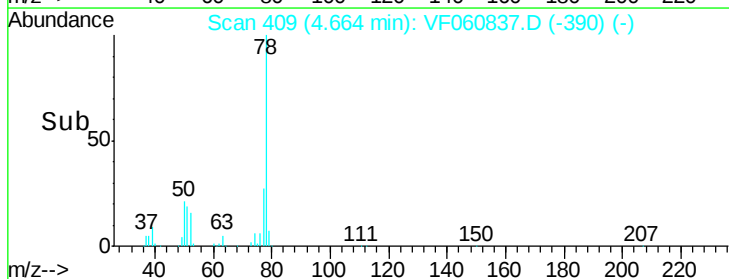
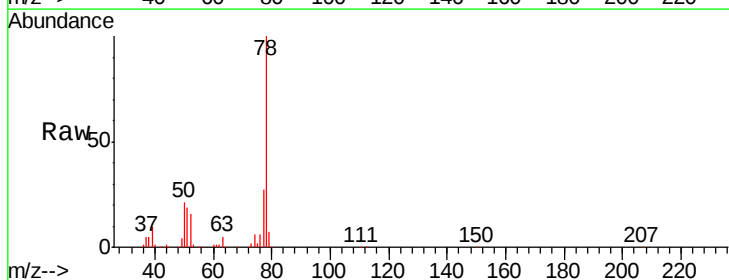
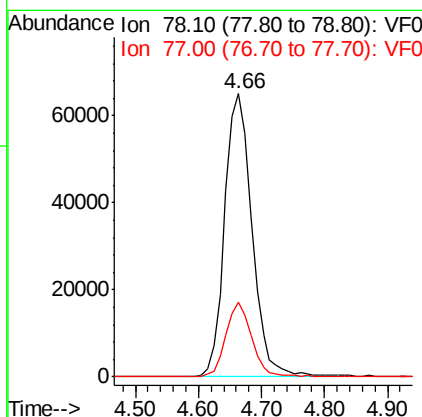
Manual Integrations
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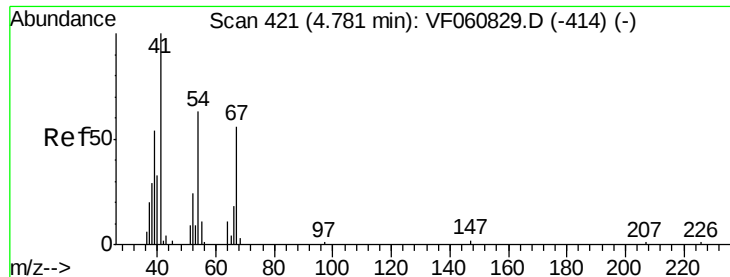
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#40
Benzene
Concen: 22.48 ug/l
RT: 4.66 min Scan# 409
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.6	18.7	28.1





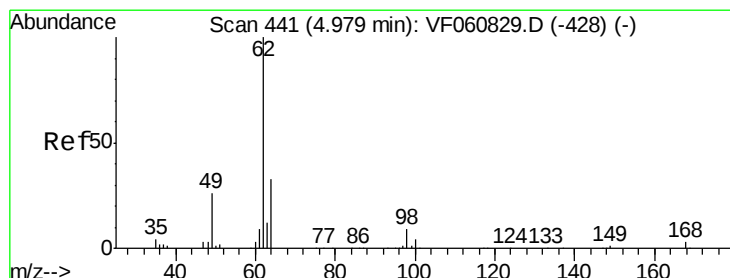
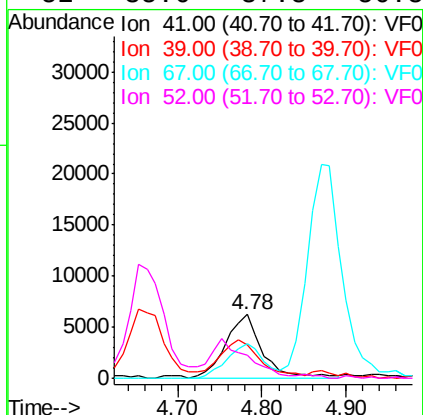
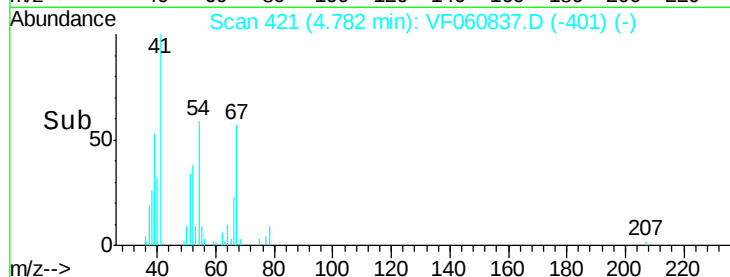
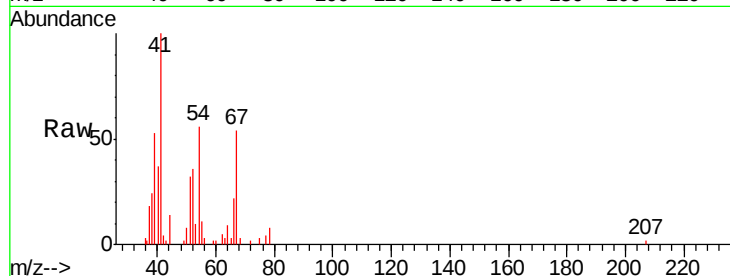
#41
Methacrylonitrile
Concen: 20.57 ug/l
RT: 4.78 min Scan# 421
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.2	53.0	79.6	
67	53.6	43.8	65.6	
52	35.6	37.8	56.8	

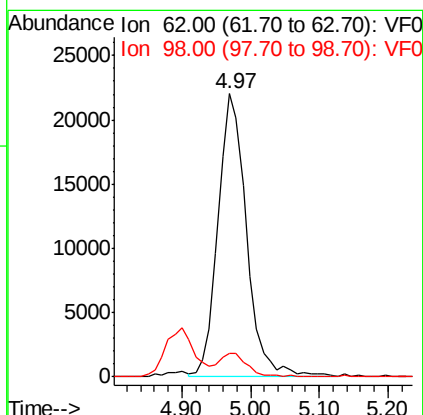
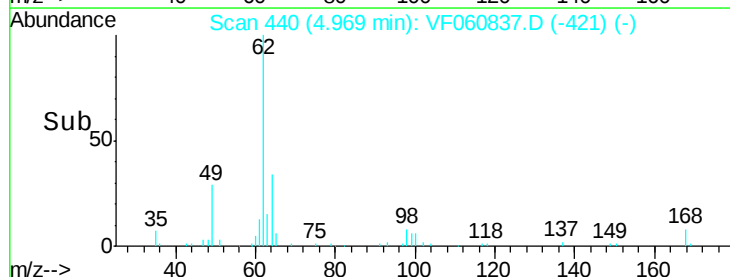
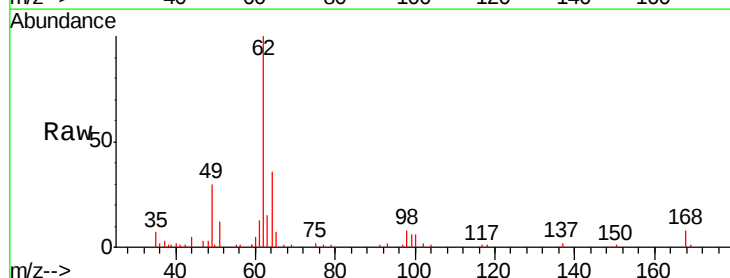
Manual Integrations
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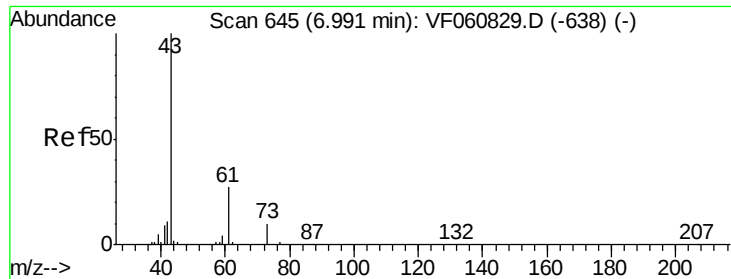
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#42
1,2-Dichloroethane
Concen: 19.90 ug/l
RT: 4.97 min Scan# 440
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	17.2	





#43

Isopropyl Acetate

Concen: 19.72 ug/l

RT: 6.99 min Scan# 645

Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

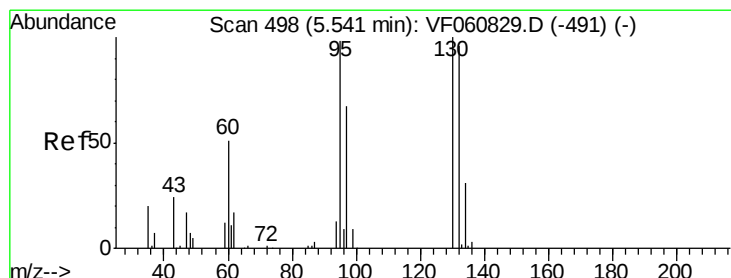
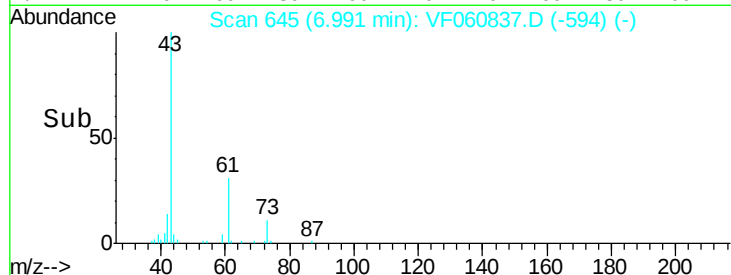
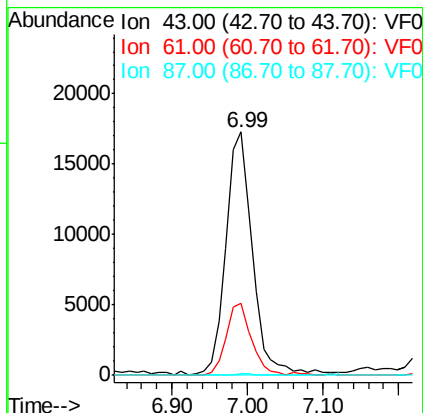
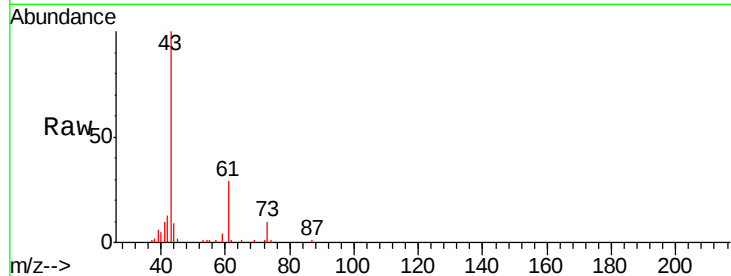
ClientSampleId :

VF1127SBS01

Tgt Ion:	43	Resp:	42305
Ion Ratio	Lower	Upper	
43	100		
61	29.4	21.4	32.0
87	0.7	0.2	0.4

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#44

Trichloroethene

Concen: 22.00 ug/l

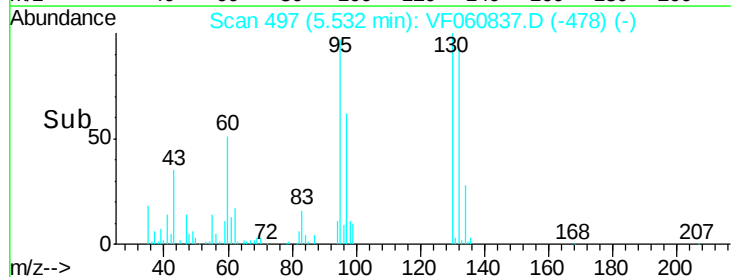
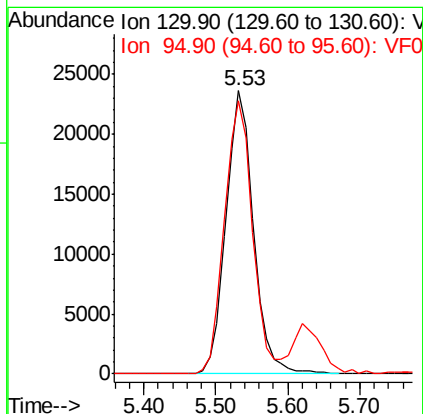
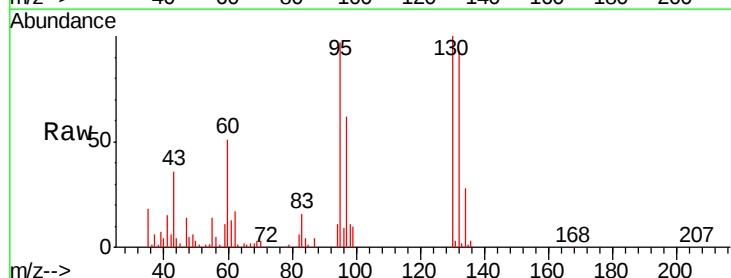
RT: 5.53 min Scan# 497

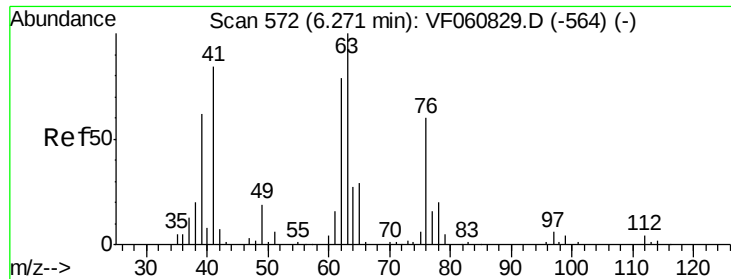
Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Tgt Ion:	130	Resp:	62766
Ion Ratio	Lower	Upper	
130	100		
95	96.5	0.0	195.6





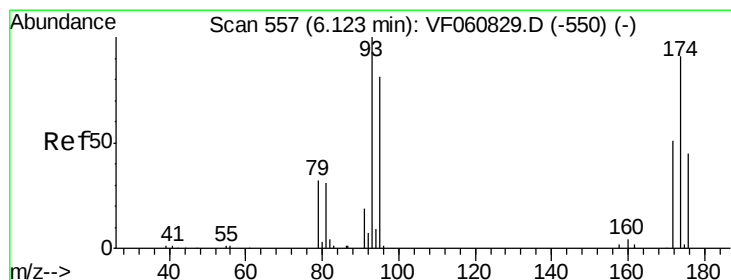
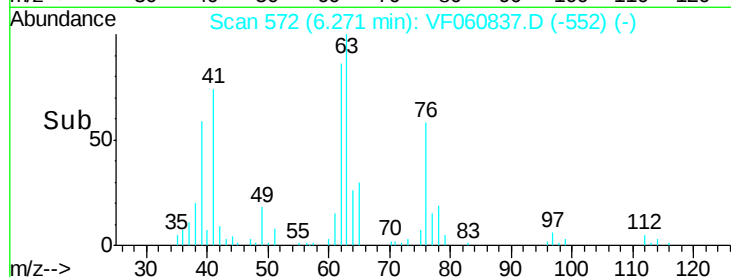
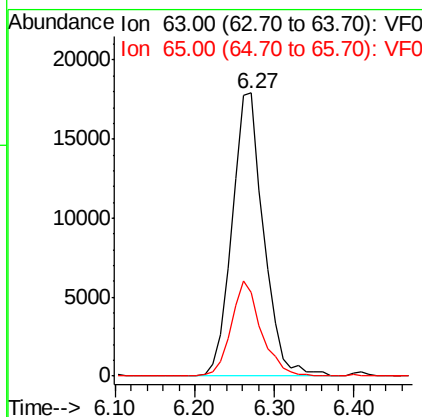
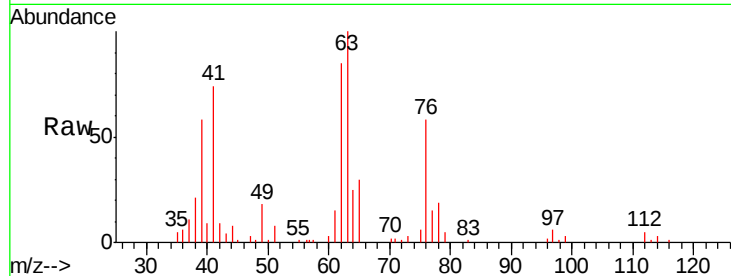
#45
 1,2-Dichloropropane
 Concen: 21.80 ug/l
 RT: 6.27 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1127SBS01

Tgt Ion: 63 Resp: 49400
 Ion Ratio Lower Upper
 63 100
 65 29.6 23.2 34.8

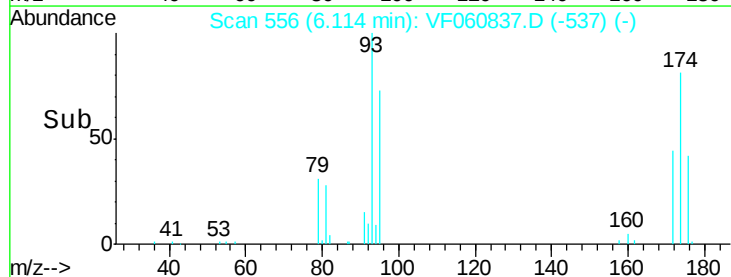
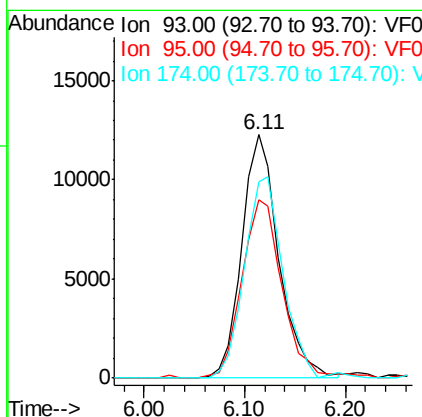
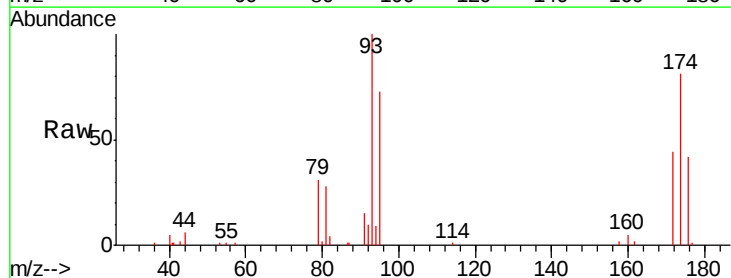
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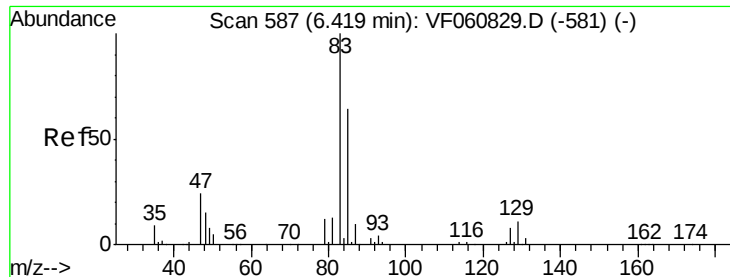
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#46
 Dibromomethane
 Concen: 20.49 ug/l
 RT: 6.11 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Tgt Ion: 93 Resp: 31488
 Ion Ratio Lower Upper
 93 100
 95 73.1 64.7 97.1
 174 80.7 73.0 109.6





#47

Bromodichloromethane

Concen: 20.22 ug/l

RT: 6.42 min Scan# 587

Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

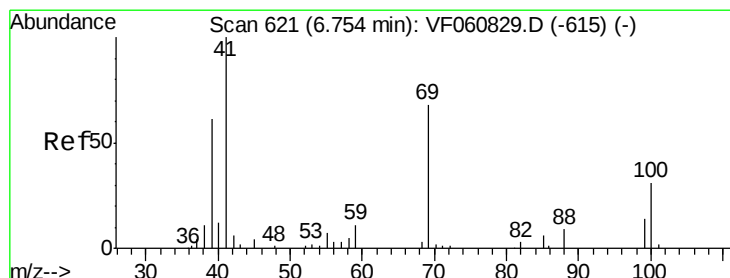
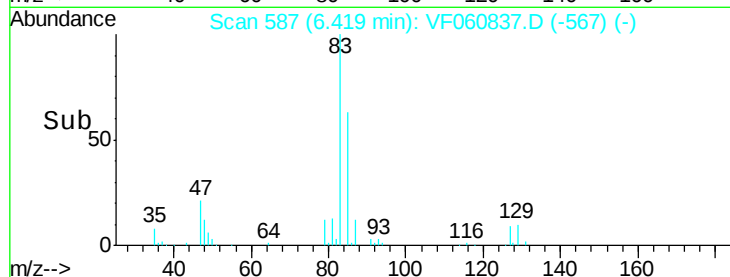
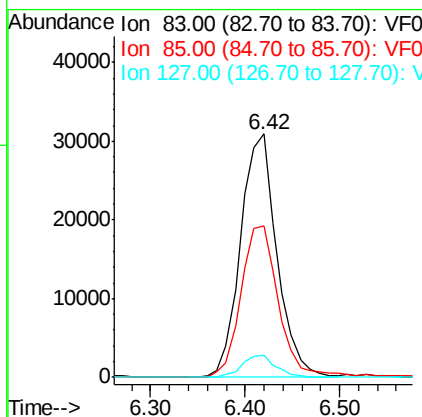
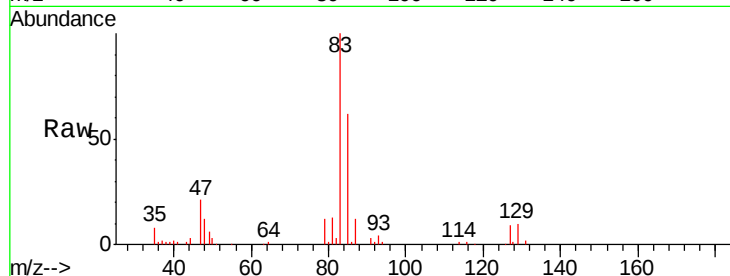
ClientSampleId :

VF1127SBS01

Tgt Ion:	83	Resp:	82530
Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.1	76.7
127	9.3	6.8	10.2

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#48

Methyl methacrylate

Concen: 19.45 ug/l

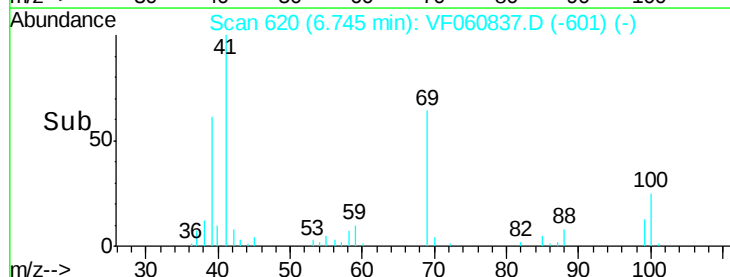
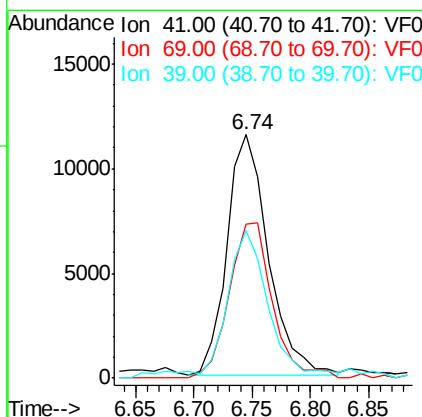
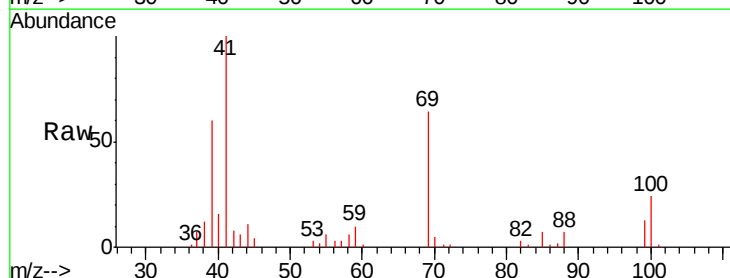
RT: 6.74 min Scan# 620

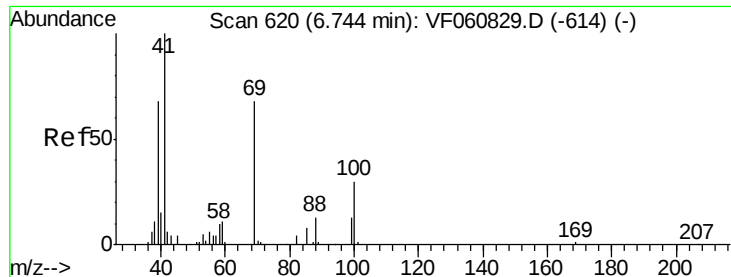
Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Tgt Ion:	41	Resp:	28257
Ion	Ratio	Lower	Upper
41	100		
69	63.5	53.9	80.9
39	60.5	49.0	73.6





#49

1,4-Dioxane

Concen: 400.04 ug/l

RT: 6.73 min Scan# 619

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

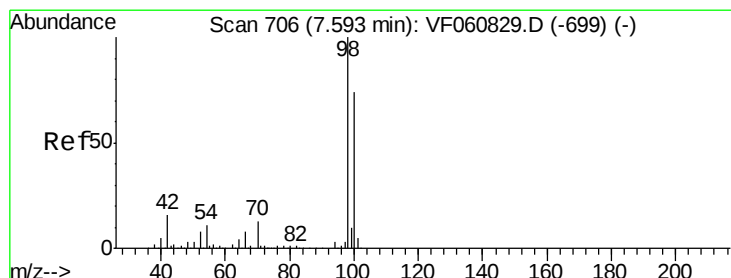
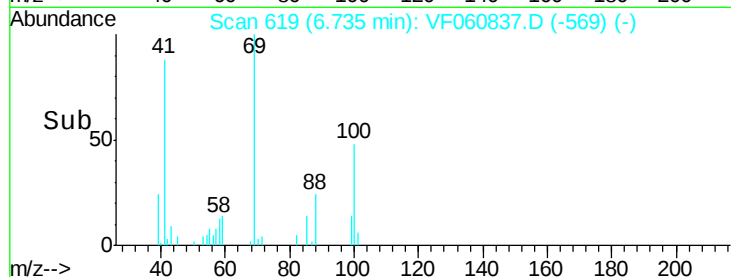
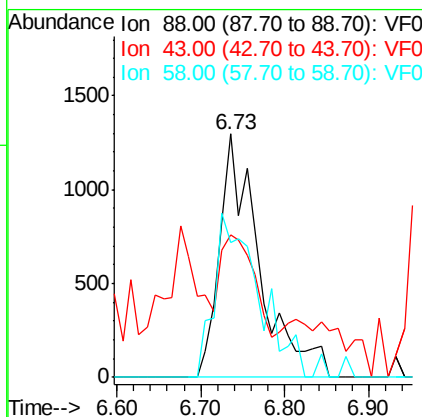
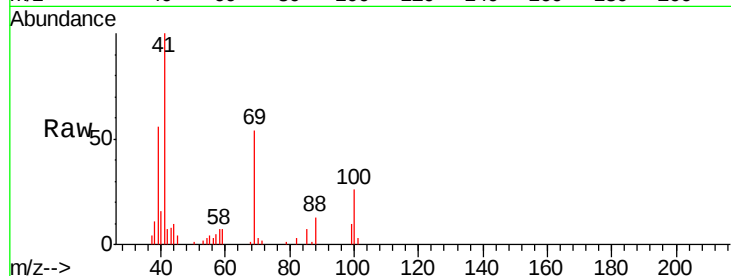
ClientSampleId :

VF1127SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	58.6	42.0	63.0
58	55.5	61.8	92.8#

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#50

Toluene-d8

Concen: 49.14 ug/l

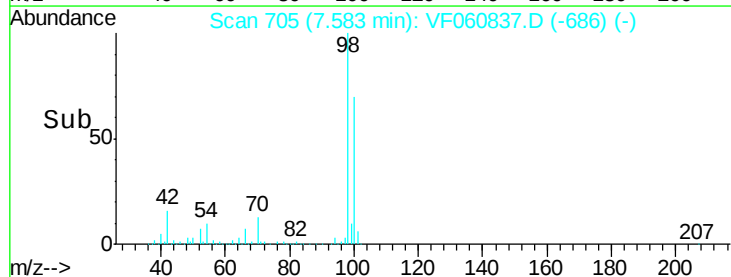
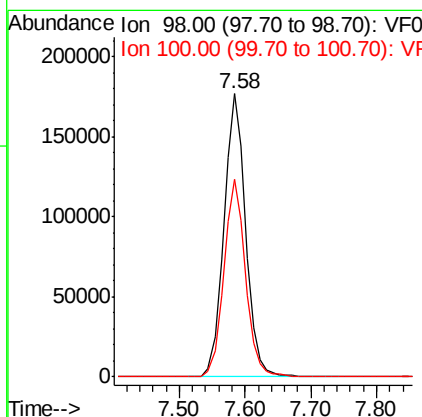
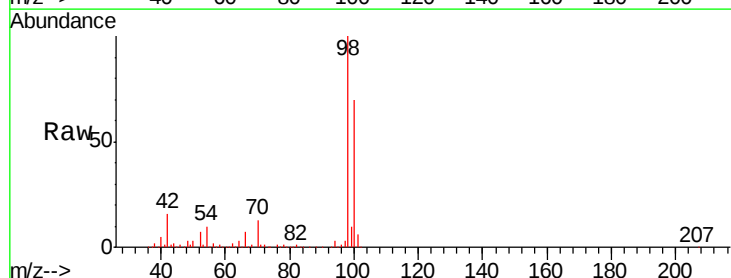
RT: 7.58 min Scan# 705

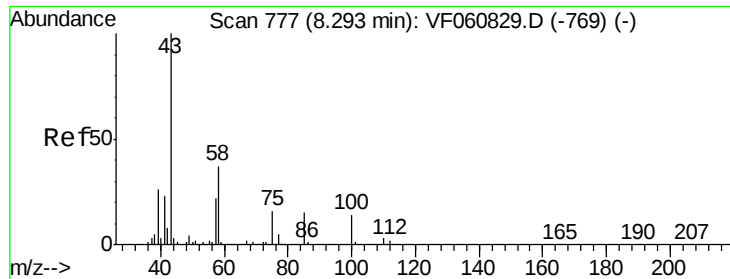
Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.9	59.3	88.9





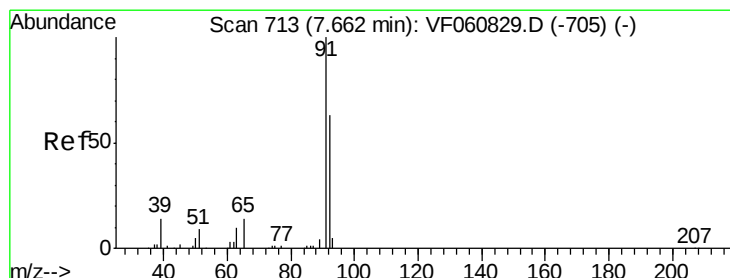
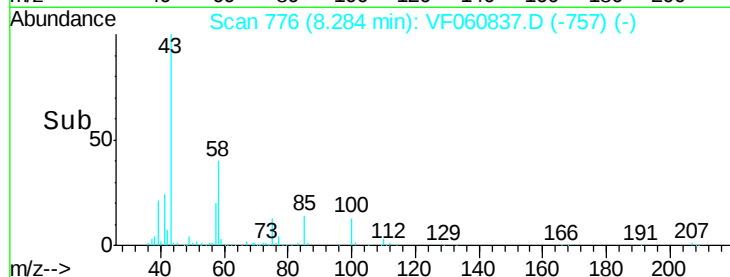
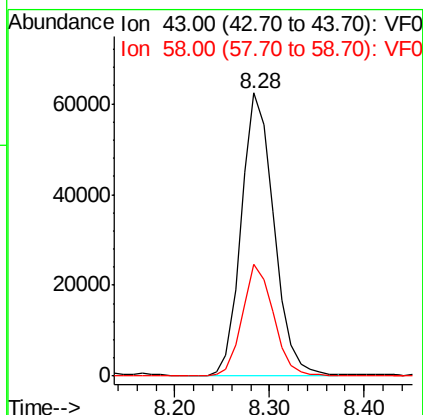
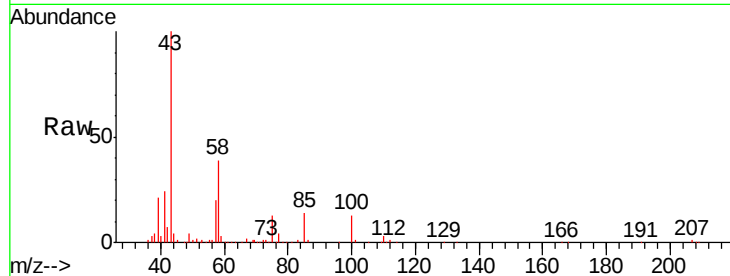
#51
 4-Methyl-2-Pentanone
 Concen: 101.47 ug/l
 RT: 8.28 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1127SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.3	29.7	44.5

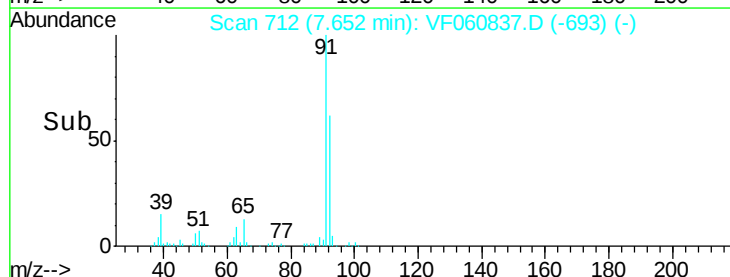
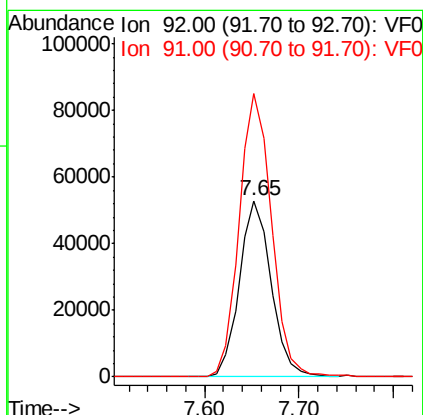
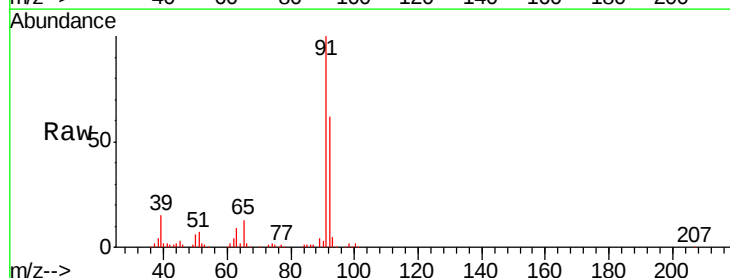
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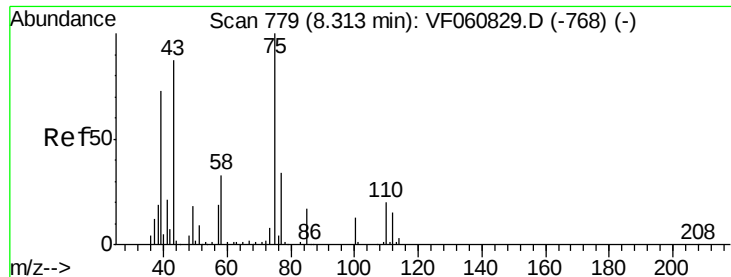
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#52
 Toluene
 Concen: 20.14 ug/l
 RT: 7.65 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Tgt Ion	Ratio	Lower	Upper
92	100		
91	161.0	126.2	189.2





#53

t-1,3-Dichloropropene

Concen: 20.11 ug/l

RT: 8.30 min Scan# 778

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

VF1127SBS01

Tgt Ion: 75 Resp: 66791

Ion Ratio Lower Upper

75 100

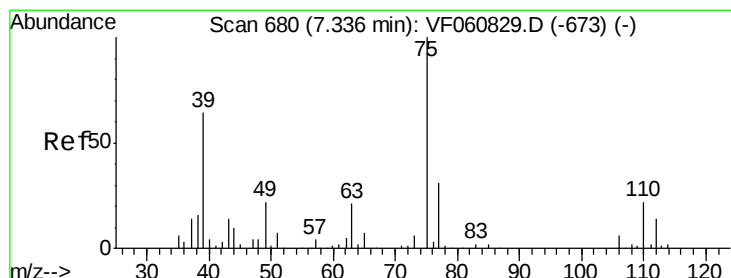
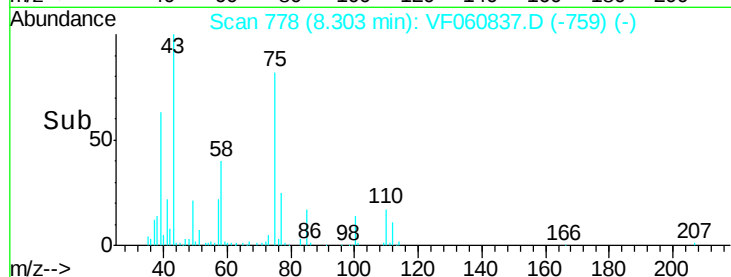
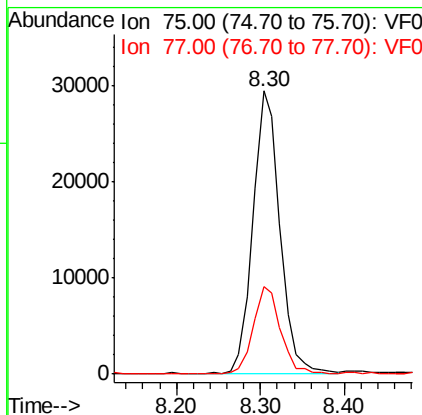
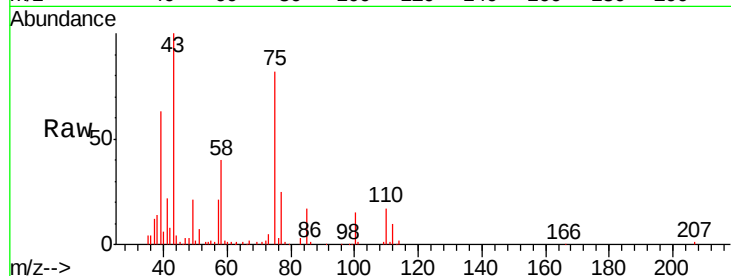
77 30.9 27.4 41.2

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#54

cis-1,3-Dichloropropene

Concen: 21.40 ug/l

RT: 7.33 min Scan# 679

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

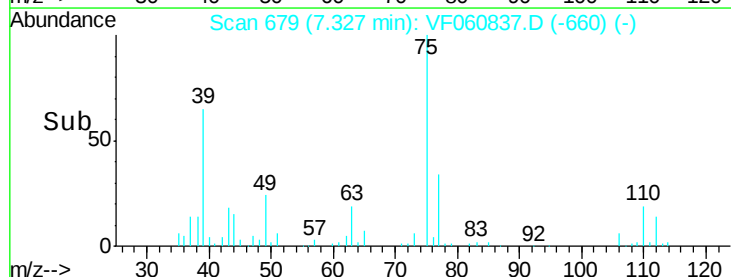
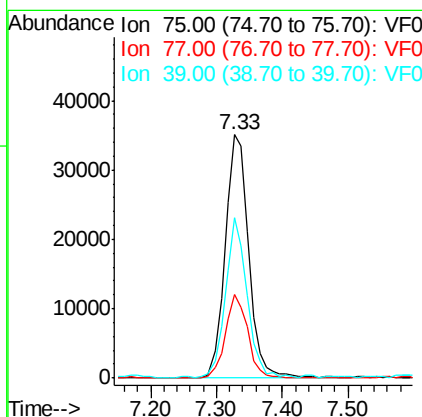
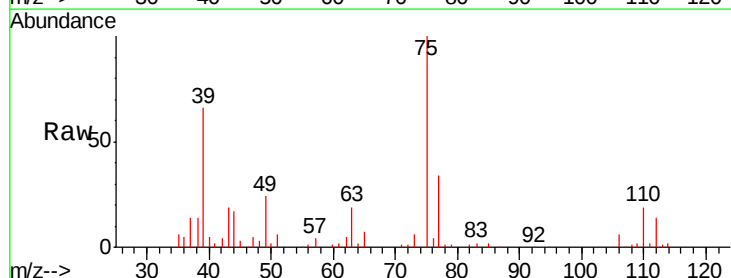
Tgt Ion: 75 Resp: 87964

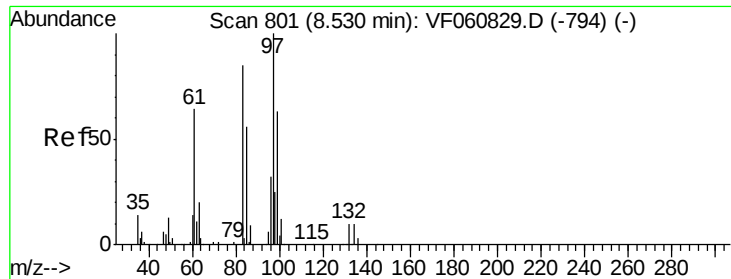
Ion Ratio Lower Upper

75 100

77 34.4 25.0 37.6

39 65.8 51.1 76.7





#55

1,1,2-Trichloroethane

Concen: 19.37 ug/l

RT: 8.52 min Scan# 800

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

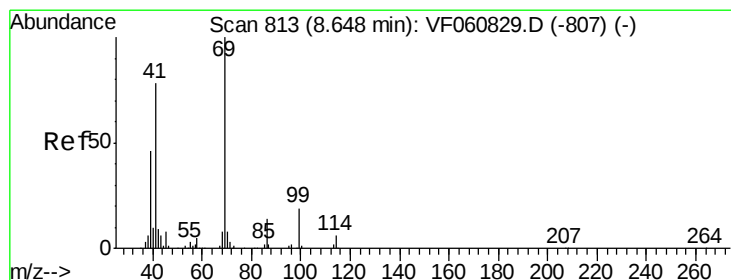
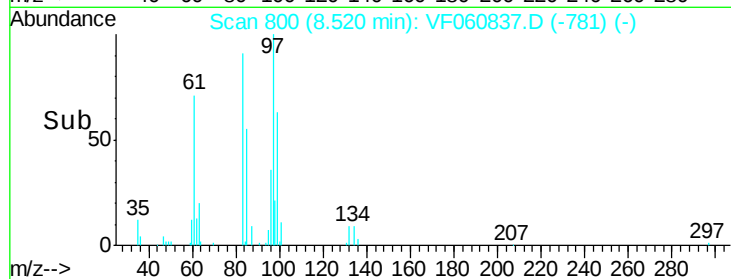
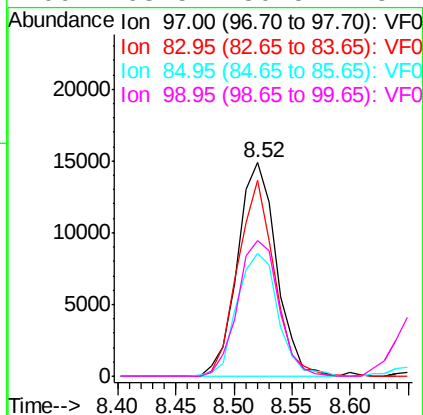
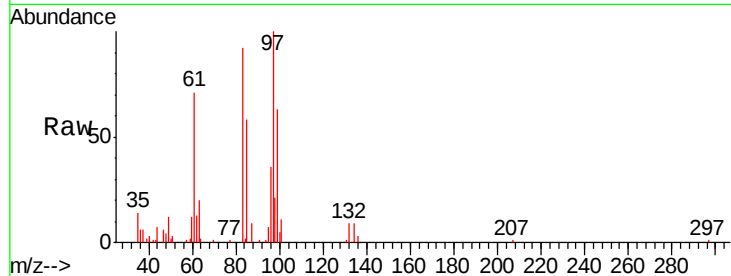
ClientSampleId :

VF1127SBS01

Tgt Ion:	97	Resp:	34583
Ion	Ratio	Lower	Upper
97	100		
83	91.8	67.8	101.6
85	57.7	45.0	67.6
99	63.5	50.5	75.7

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#56

Ethyl methacrylate

Concen: 19.53 ug/l

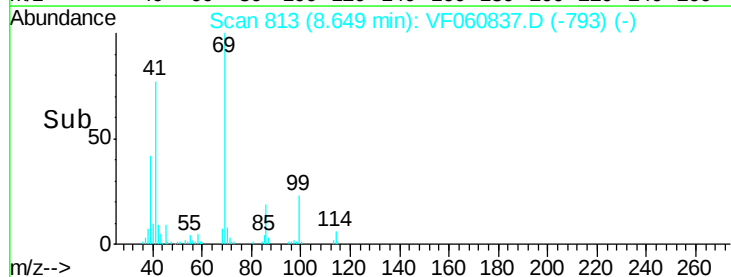
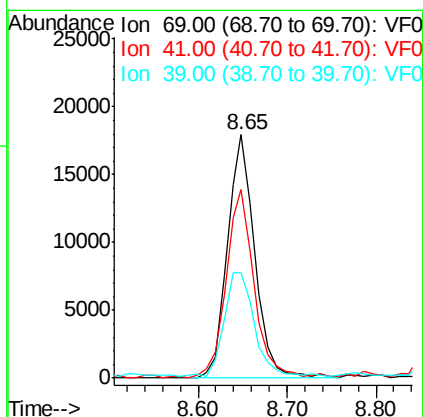
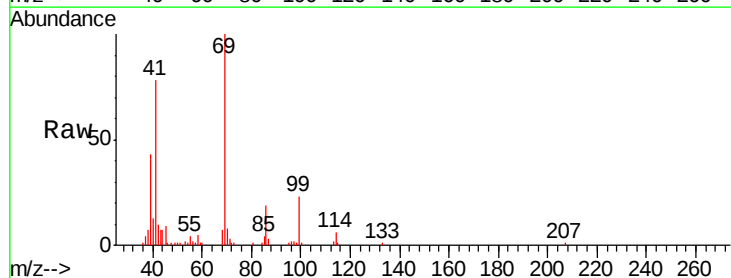
RT: 8.65 min Scan# 813

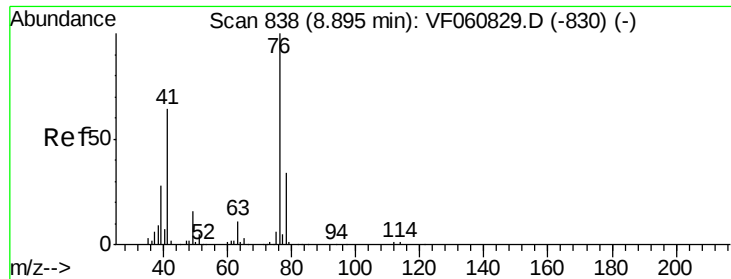
Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Tgt Ion:	69	Resp:	38736
Ion	Ratio	Lower	Upper
69	100		
41	77.6	62.6	94.0
39	43.1	37.8	56.6





#57

1,3-Dichloropropane

Concen: 19.94 ug/l

RT: 8.89 min Scan# 837

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

VF1127SBS01

Tgt Ion: 76 Resp: 62308

Ion Ratio Lower Upper

76 100

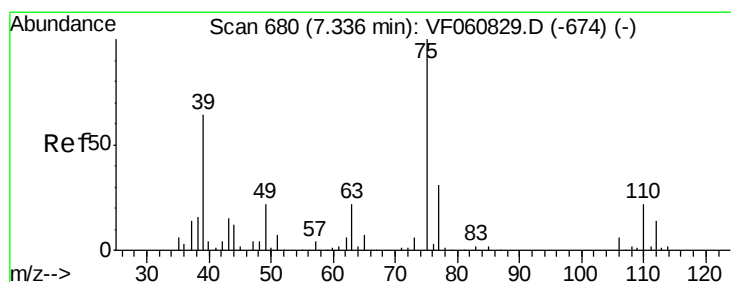
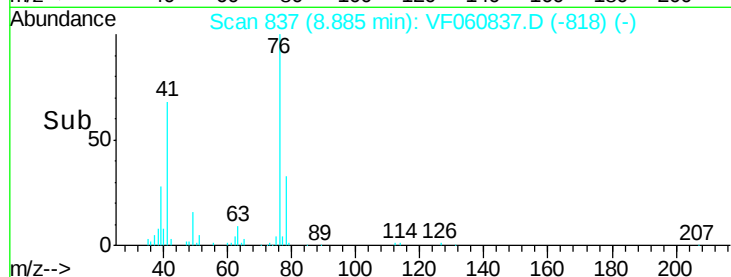
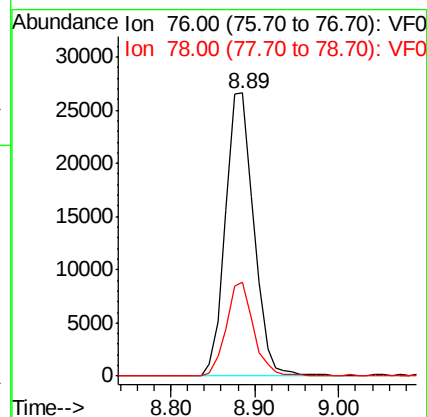
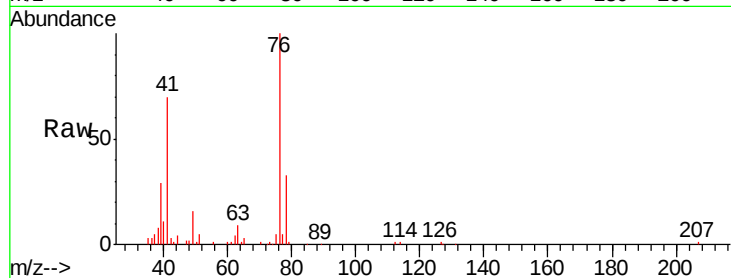
78 33.3 27.0 40.4

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#58

2-Chloroethyl Vinyl ether

Concen: 88.38 ug/l

RT: 7.32 min Scan# 678

Delta R.T. -0.02 min

Lab File: VF060837.D

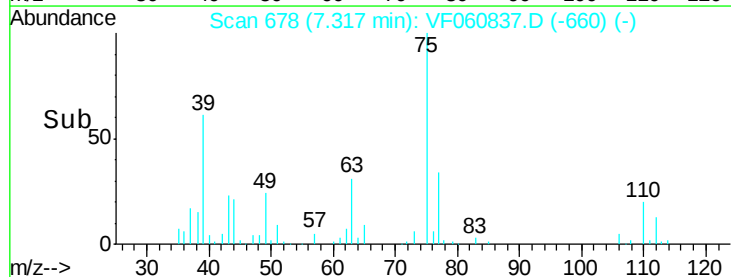
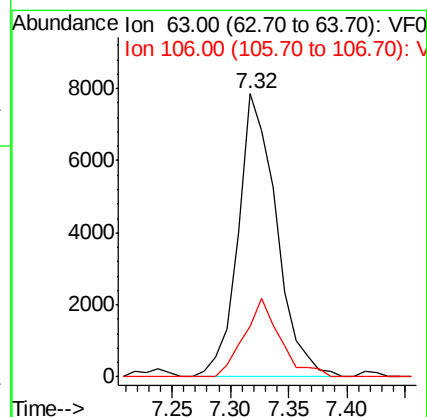
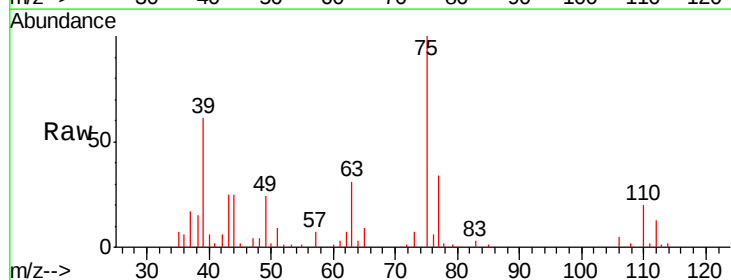
Acq: 27 Nov 2018 14:32

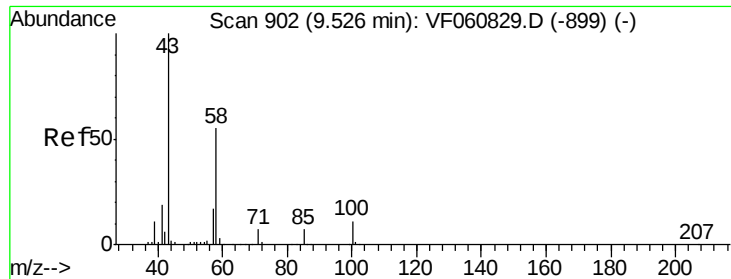
Tgt Ion: 63 Resp: 17932

Ion Ratio Lower Upper

63 100

106 17.7 23.0 34.6#





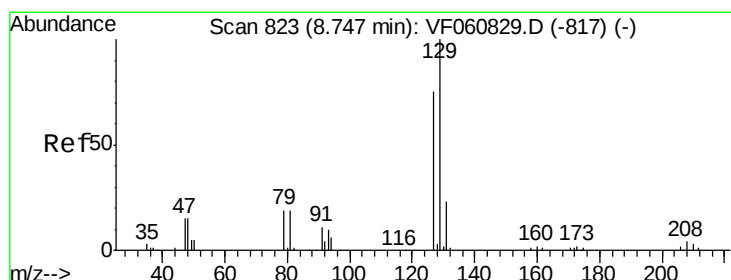
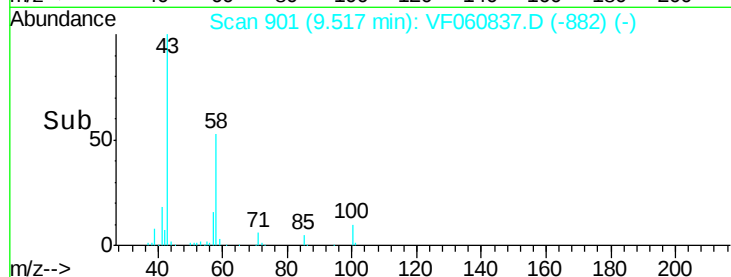
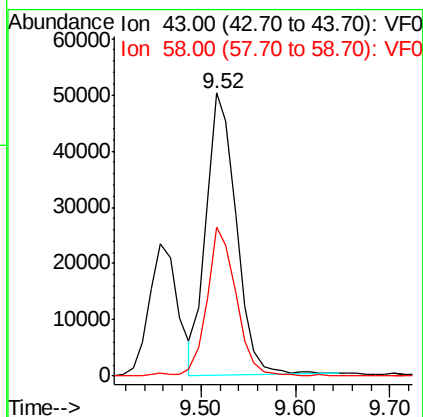
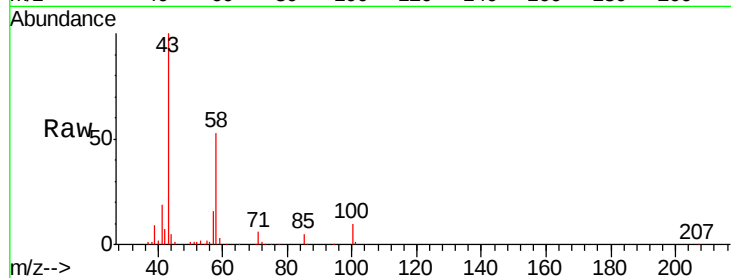
#59
2-Hexanone
Concen: 106.88 ug/l
RT: 9.52 min Scan# 901
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

Tgt Ion: 43 Resp: 110964
Ion Ratio Lower Upper
43 100
58 52.7 25.6 76.6

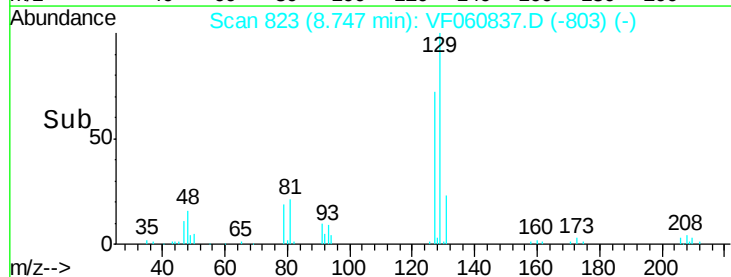
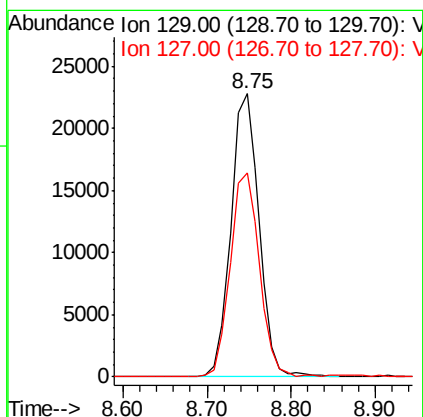
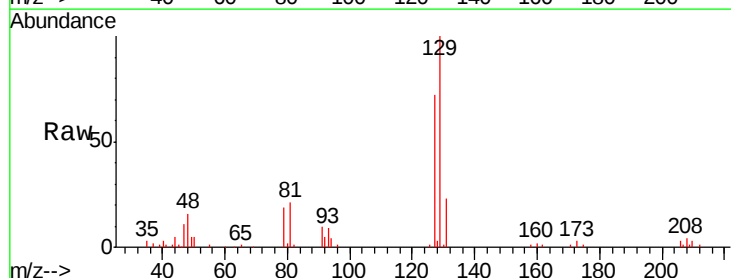
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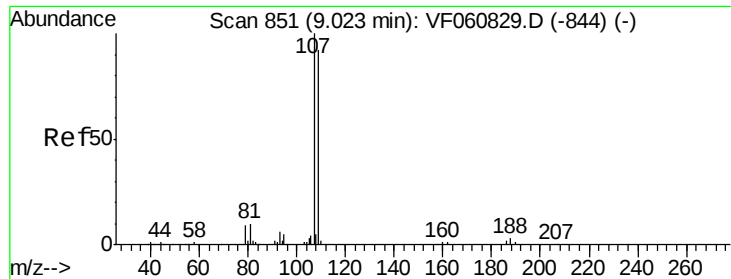
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#60
Dibromochloromethane
Concen: 19.86 ug/l
RT: 8.75 min Scan# 823
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion: 129 Resp: 52852
Ion Ratio Lower Upper
129 100
127 71.9 37.3 111.9





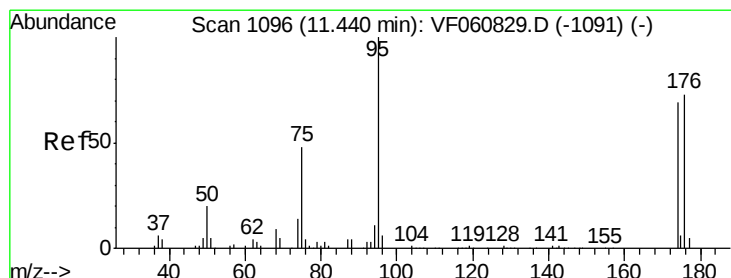
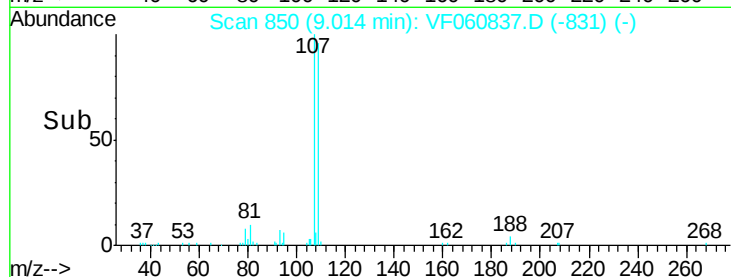
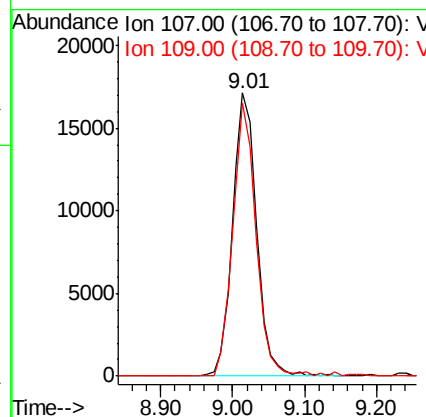
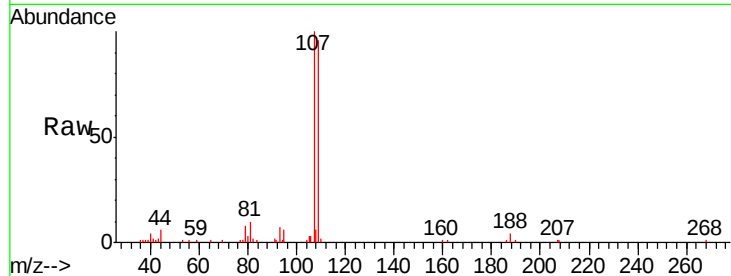
#61
 1,2-Dibromoethane
 Concen: 20.61 ug/l
 RT: 9.01 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1127SBS01

Tgt Ion	Ratio	Lower	Upper
107	100		
109	96.4	73.6	110.4

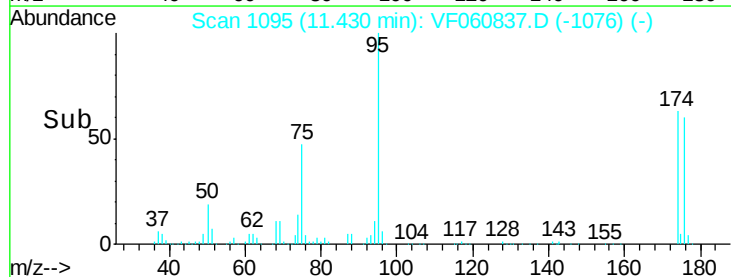
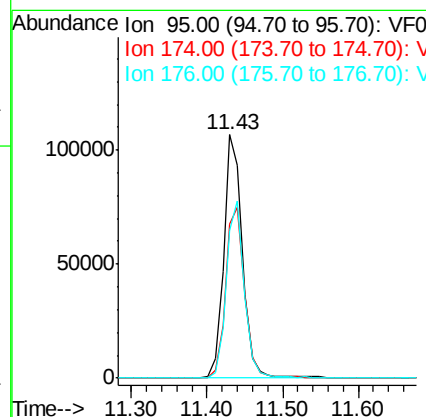
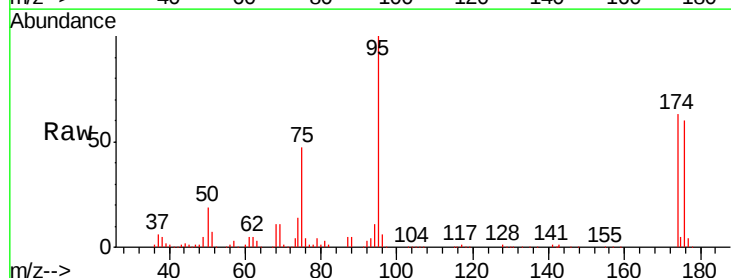
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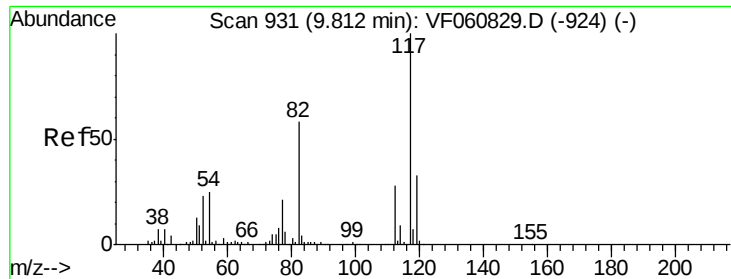
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#62
 4-Bromofluorobenzene
 Concen: 48.72 ug/l
 RT: 11.43 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.4	0.0	138.2
176	60.4	0.0	146.2





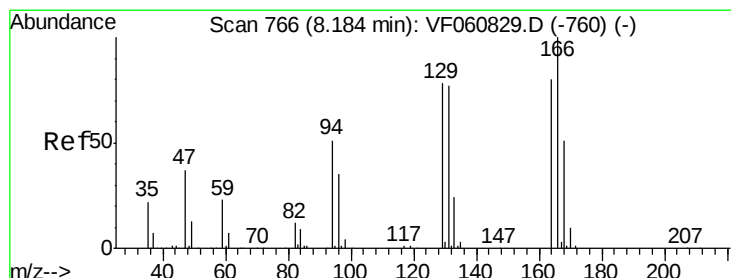
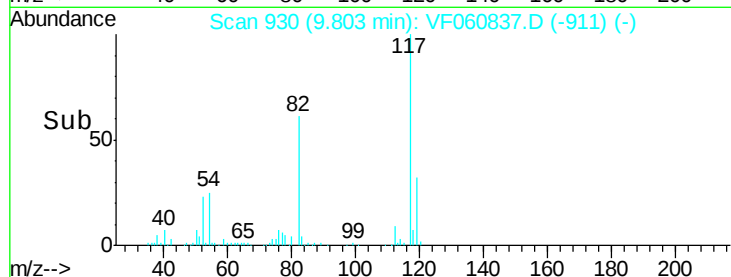
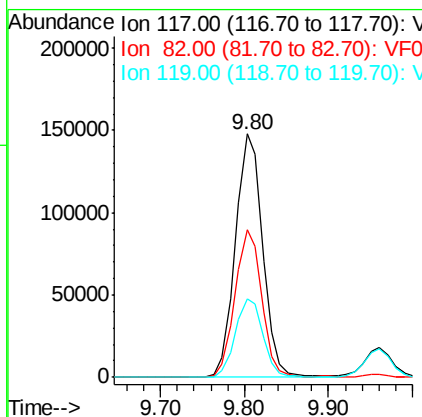
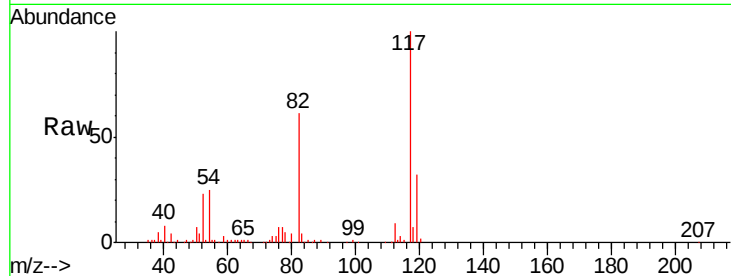
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	334485		
82	60.8	46.6	69.8	
119	32.3	26.4	39.6	

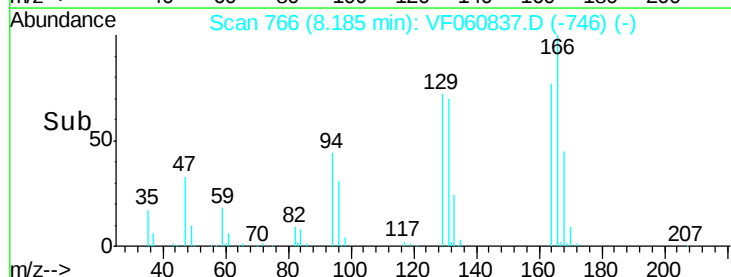
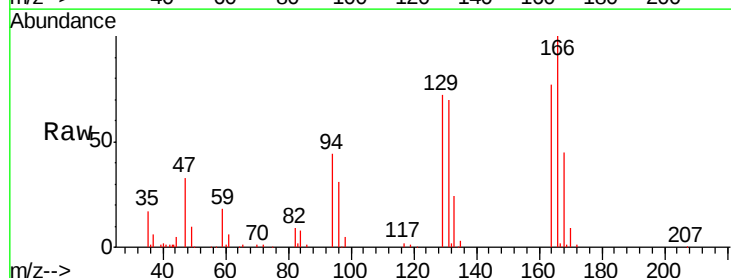
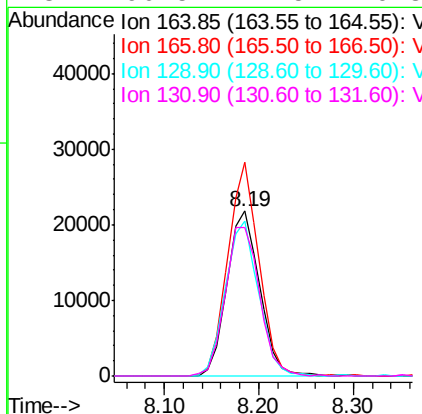
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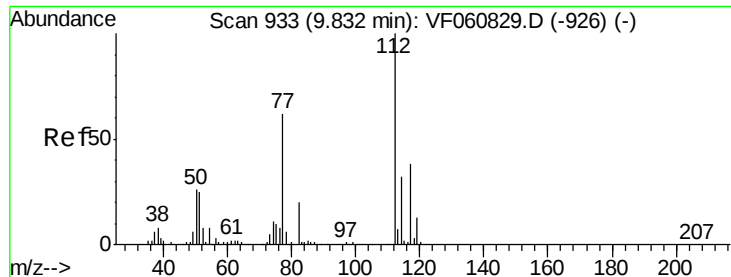
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#64
Tetrachloroethene
Concen: 20.33 ug/l
RT: 8.19 min Scan# 766
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	51928		
166	129.7	100.3	150.5	
129	93.9	77.9	116.9	
131	90.5	77.5	116.3	





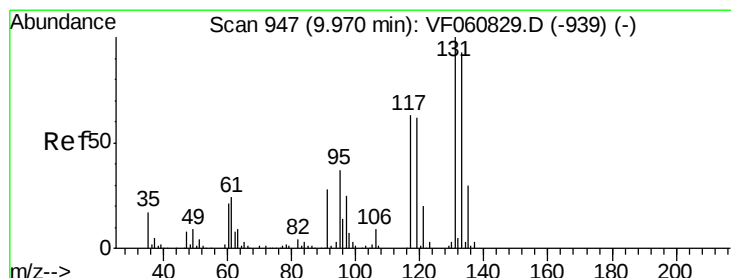
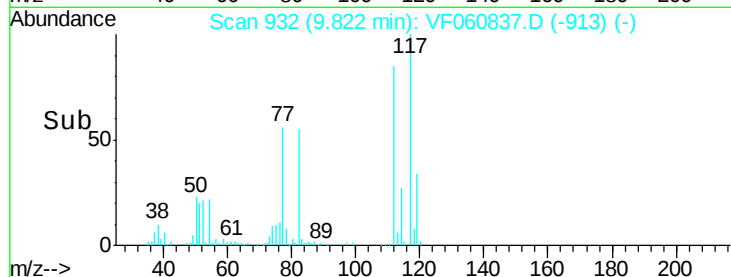
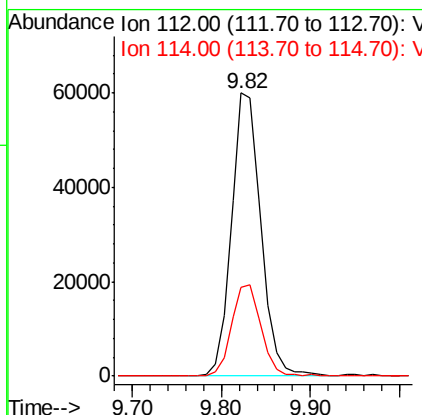
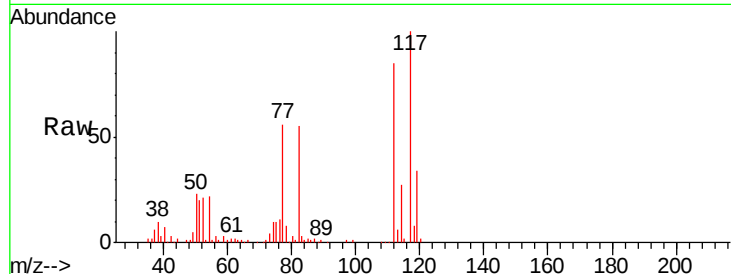
#65
Chlorobenzene
Concen: 21.32 ug/l
RT: 9.82 min Scan# 932
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

Tgt Ion:112 Resp: 138747
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0

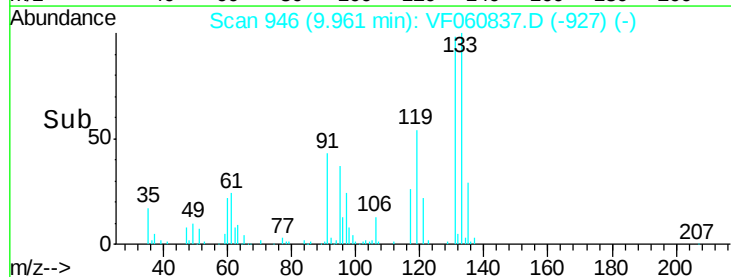
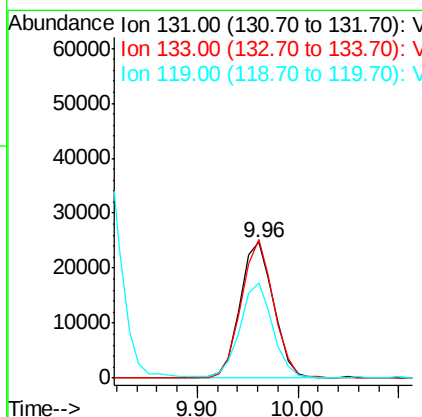
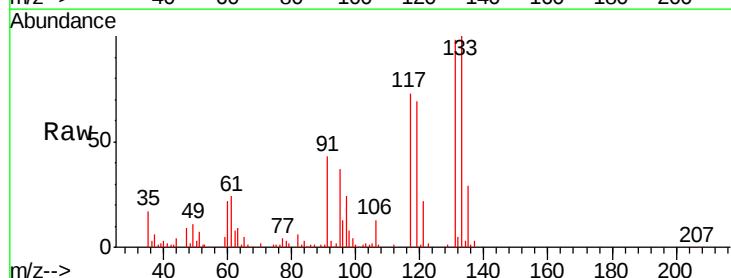
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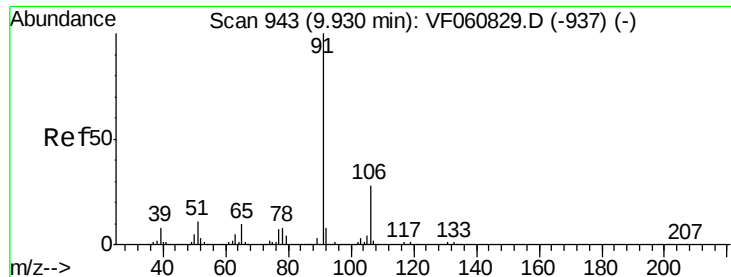
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.47 ug/l
RT: 9.96 min Scan# 946
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion:131 Resp: 57269
Ion Ratio Lower Upper
131 100
133 102.1 46.5 139.3
119 70.4 31.1 93.3





#67

Ethyl Benzene

Concen: 21.74 ug/l

RT: 9.93 min Scan# 943

Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

VF1127SBS01

Tgt Ion: 91 Resp: 263357

Ion Ratio Lower Upper

91 100

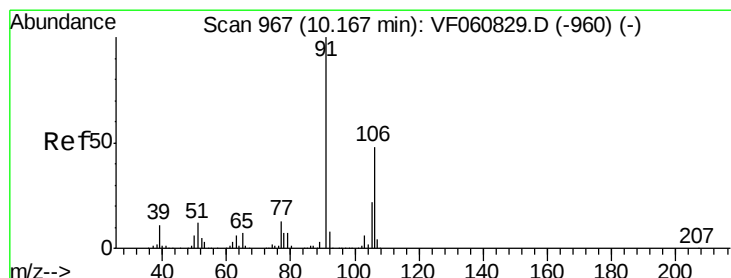
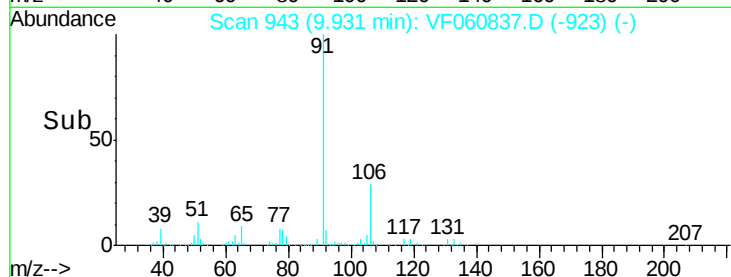
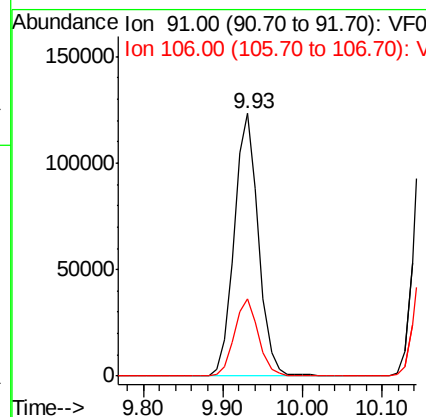
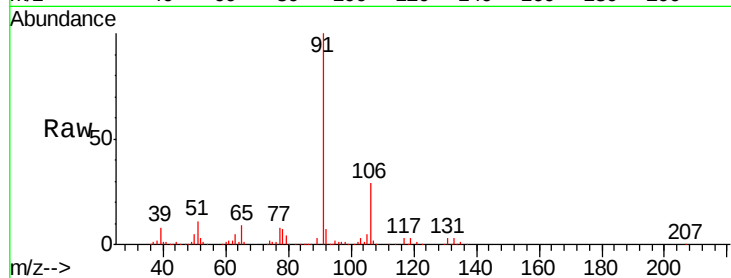
106 29.3 22.2 33.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 43.51 ug/l

RT: 10.16 min Scan# 966

Delta R.T. -0.01 min

Lab File: VF060837.D

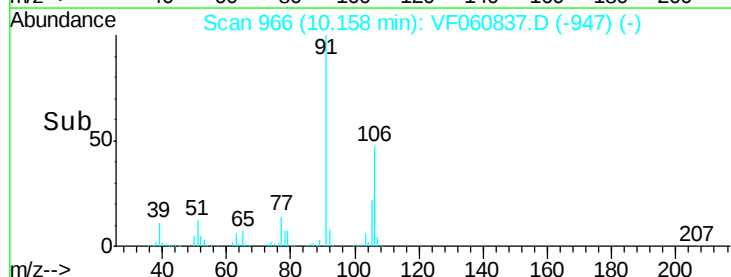
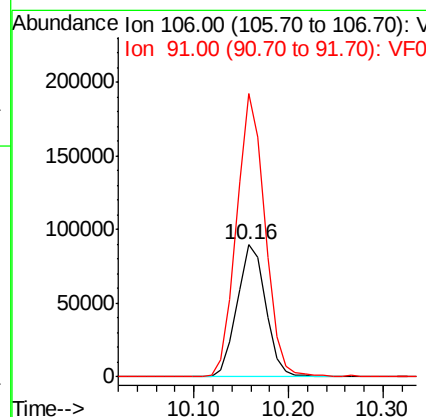
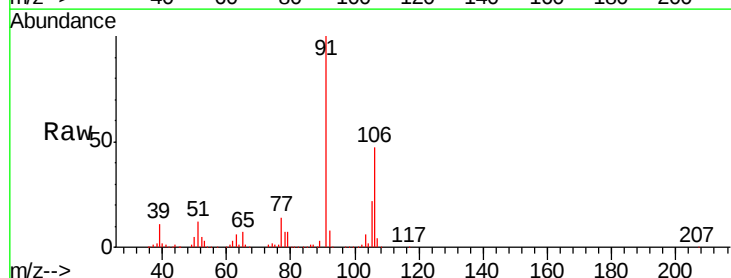
Acq: 27 Nov 2018 14:32

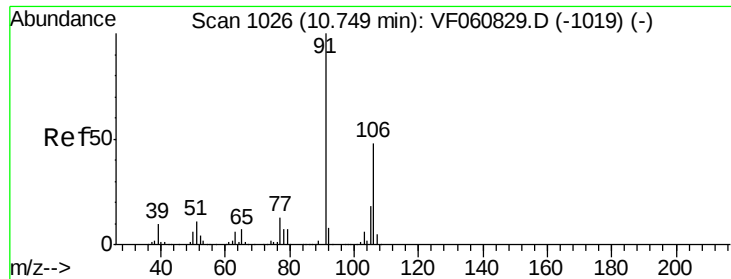
Tgt Ion: 106 Resp: 189566

Ion Ratio Lower Upper

106 100

91 214.0 166.7 250.1





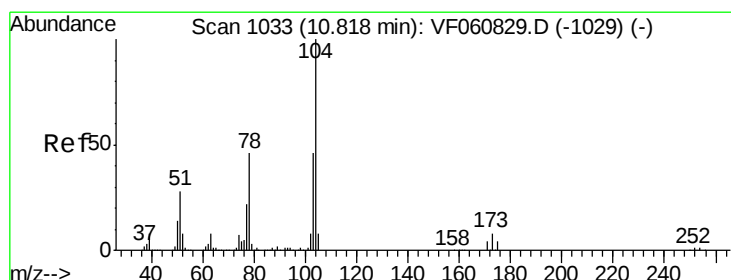
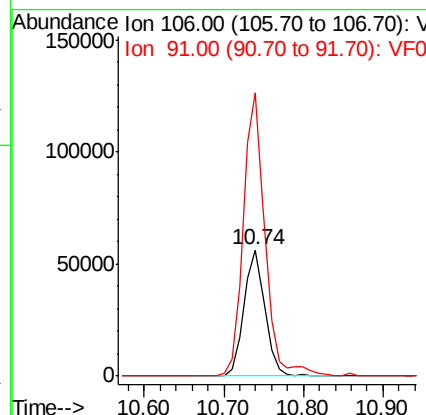
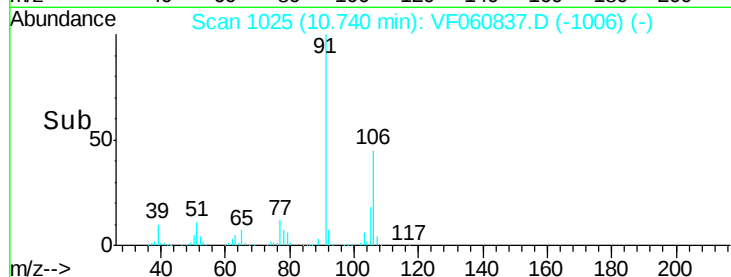
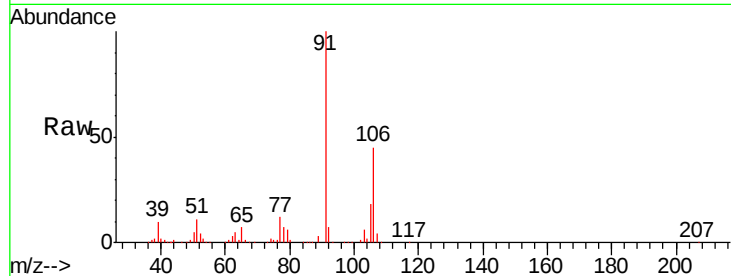
#69
o-Xylene
Concen: 21.54 ug/l
RT: 10.74 min Scan# 1025
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

Tgt Ion:106 Resp: 103495
Ion Ratio Lower Upper
106 100
91 223.9 104.8 314.6

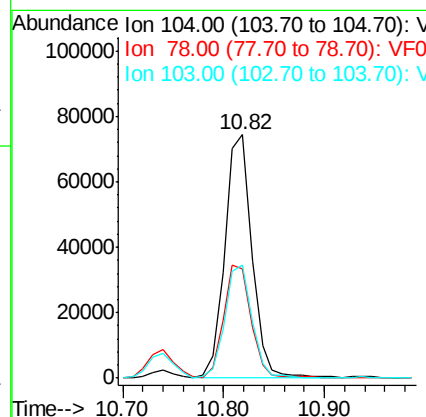
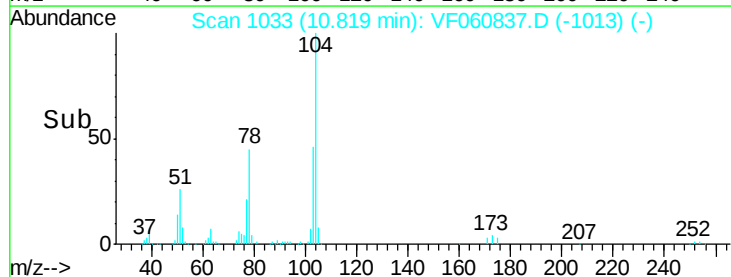
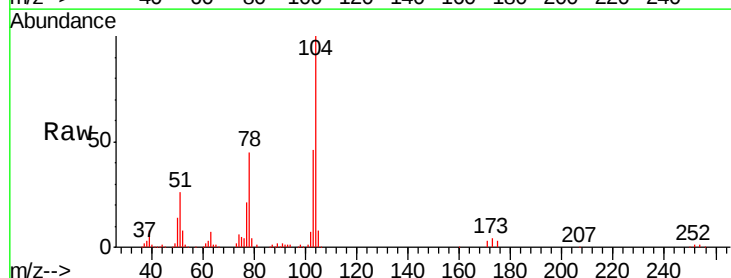
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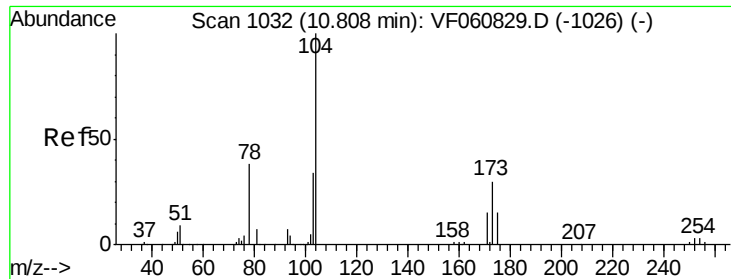
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#70
Styrene
Concen: 20.96 ug/l
RT: 10.82 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion:104 Resp: 139610
Ion Ratio Lower Upper
104 100
78 44.9 37.3 55.9
103 46.3 36.8 55.2





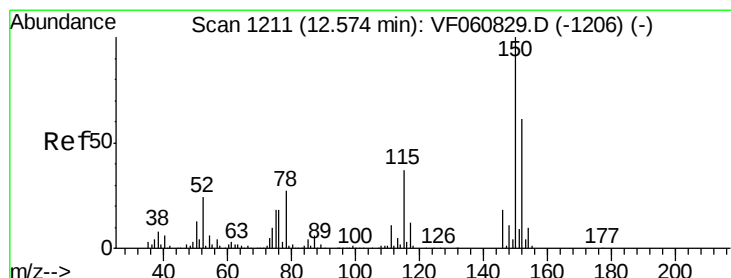
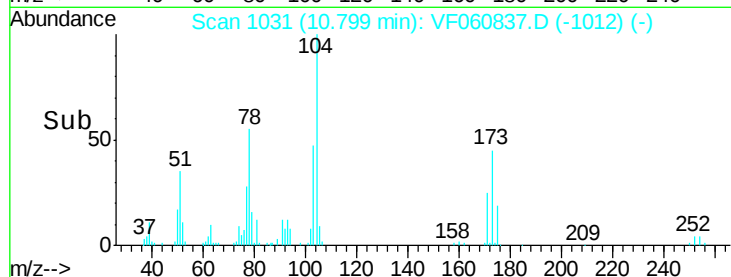
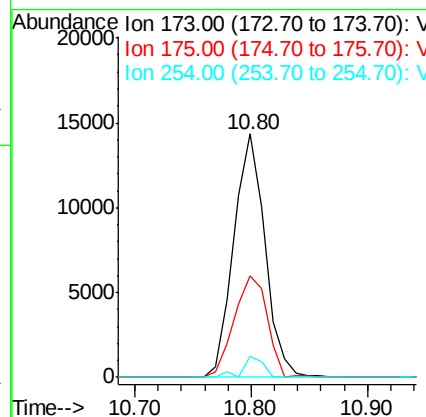
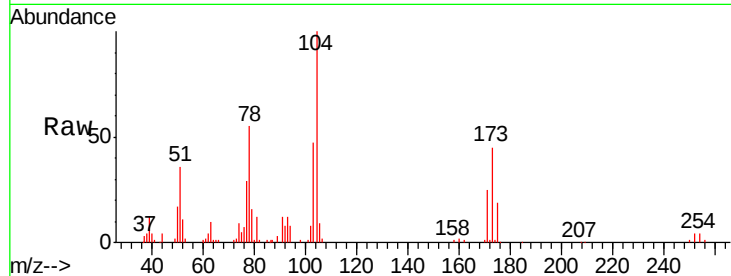
#71
Bromoform
Concen: 19.78 ug/l
RT: 10.80 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

Tgt Ion:173 Resp: 26724
Ion Ratio Lower Upper
173 100
175 42.8 25.5 76.5
254 8.8 7.5 11.3

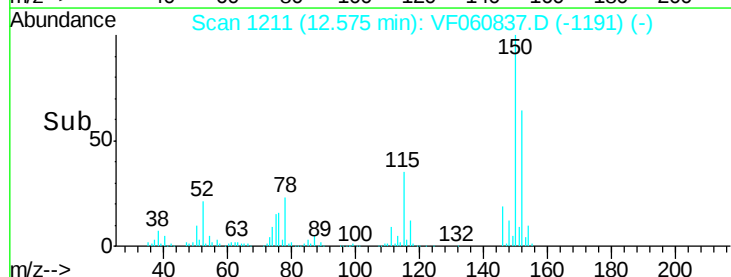
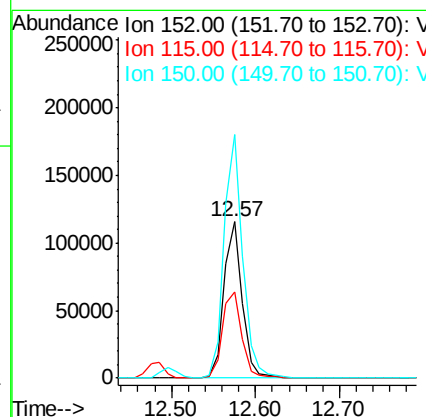
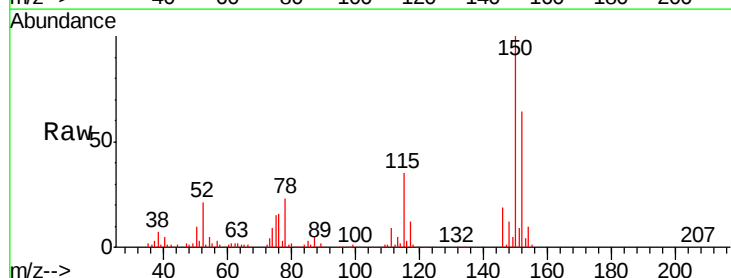
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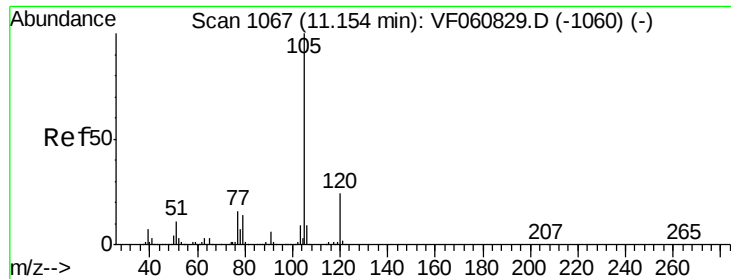
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion:152 Resp: 173940
Ion Ratio Lower Upper
152 100
115 55.3 30.1 90.5
150 156.1 0.0 327.6





#73

Isopropylbenzene

Concen: 21.99 ug/l

RT: 11.14 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

VF1127SBS01

Tgt Ion: 105 Resp: 302299

Ion Ratio Lower Upper

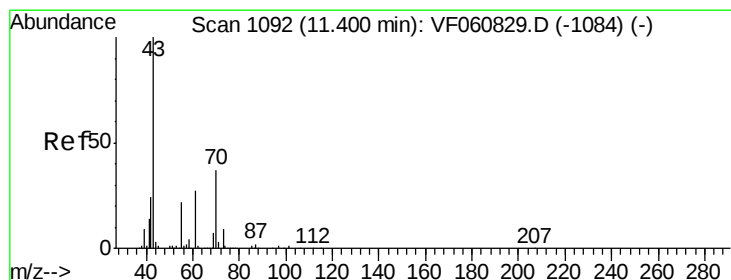
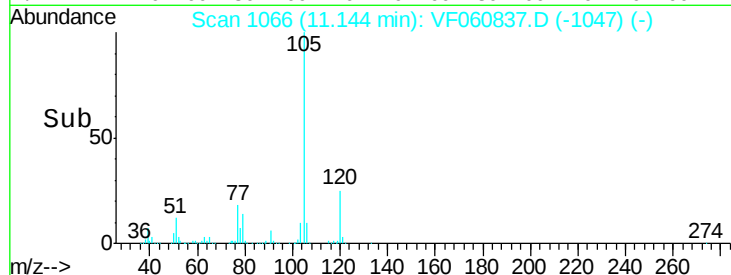
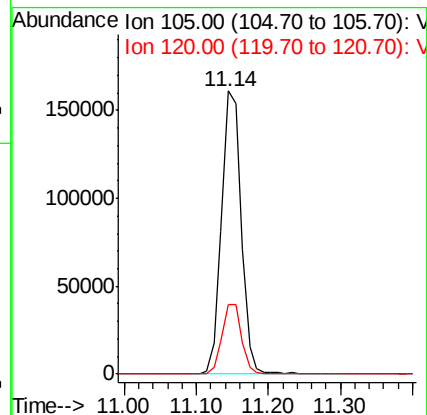
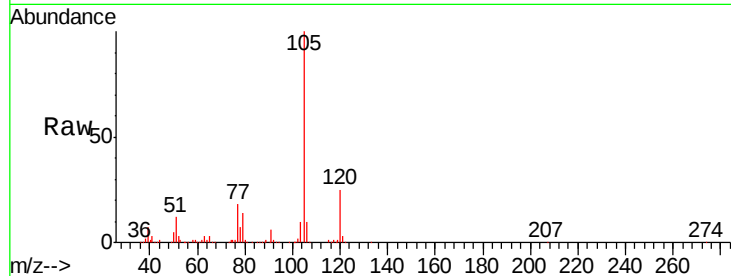
105 100

120 24.8 12.2 36.4

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#74

N-ethyl acetate

Concen: 21.58 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Tgt Ion: 43 Resp: 68509

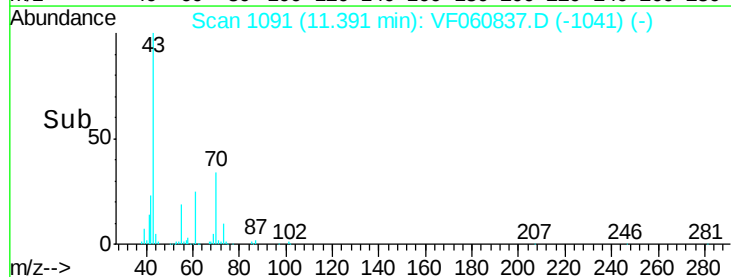
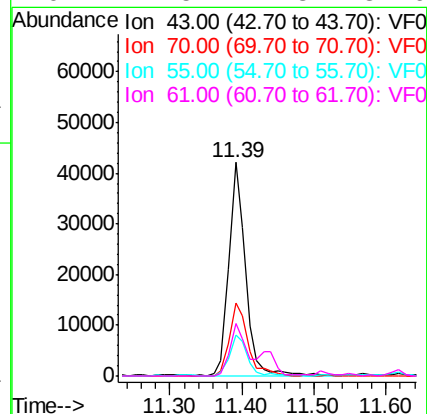
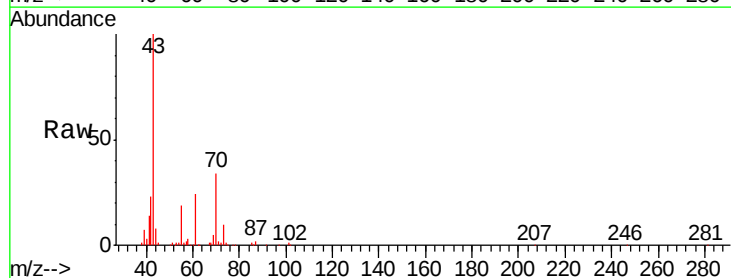
Ion Ratio Lower Upper

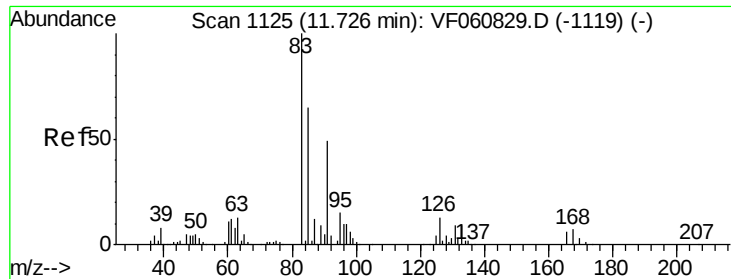
43 100

70 34.1 29.6 44.4

55 19.3 17.2 25.8

61 24.5 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.04 ug/l

RT: 11.72 min Scan# 1124

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

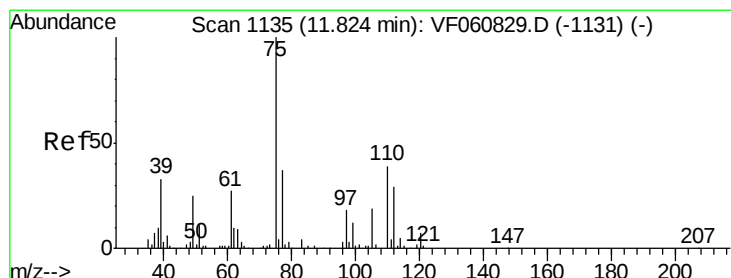
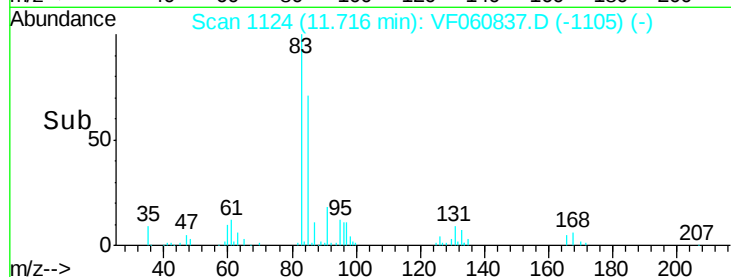
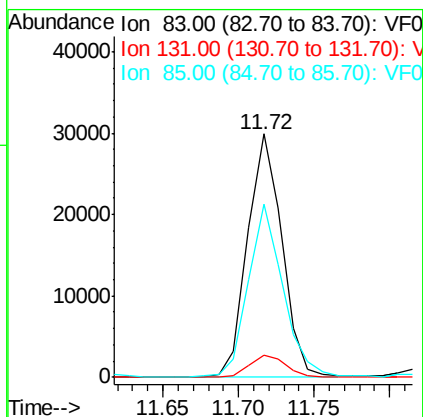
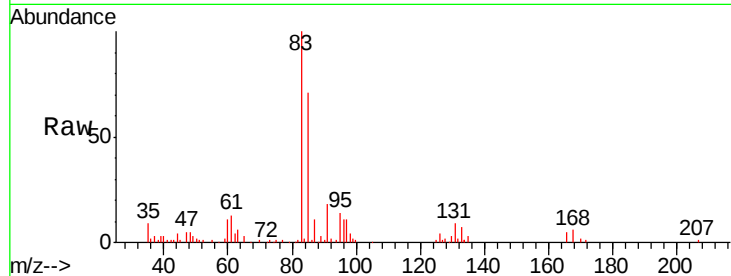
ClientSampleId :

VF1127SBS01

Tgt Ion:	83	Resp:	47599
Ion Ratio	Lower	Upper	
83	100		
131	8.9	4.7	14.1
85	71.3	32.6	97.8

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#76

1,2,3-Trichloropropane

Concen: 21.42 ug/l

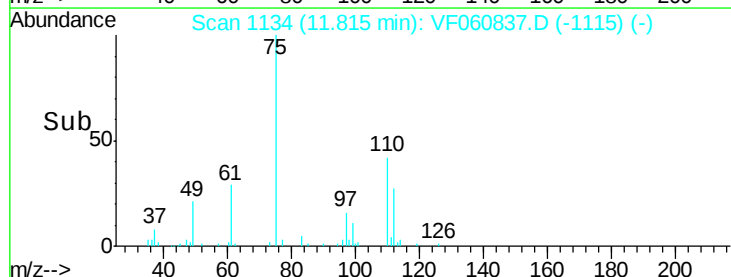
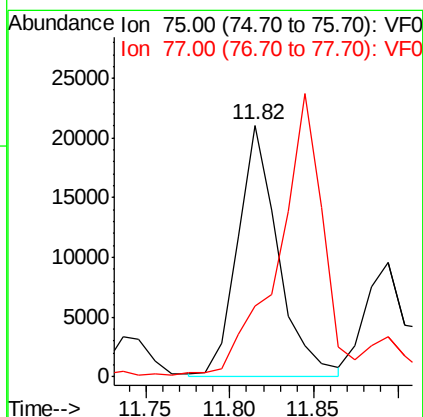
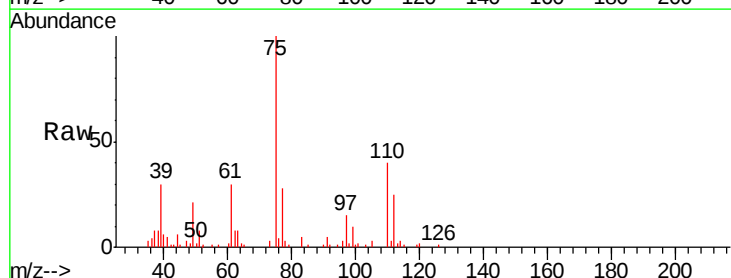
RT: 11.82 min Scan# 1134

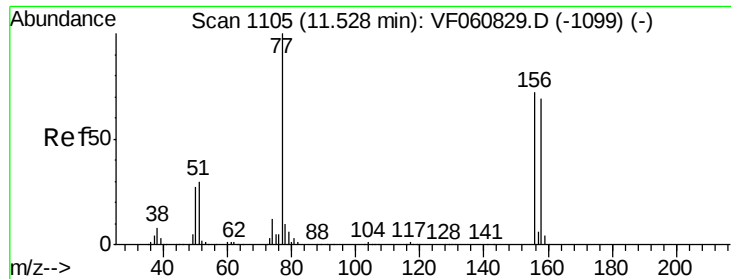
Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Tgt Ion:	75	Resp:	35215
Ion Ratio	Lower	Upper	
75	100		
77	28.2	18.4	55.4





#77

Bromobenzene

Concen: 20.62 ug/l

RT: 11.52 min Scan# 1104

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

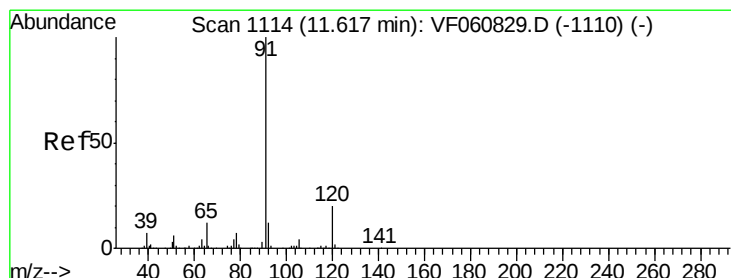
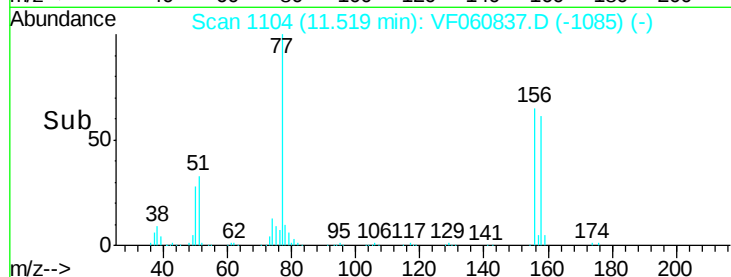
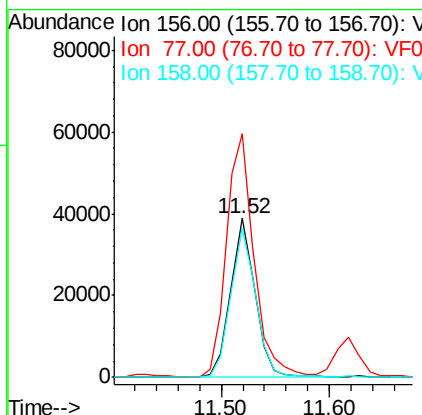
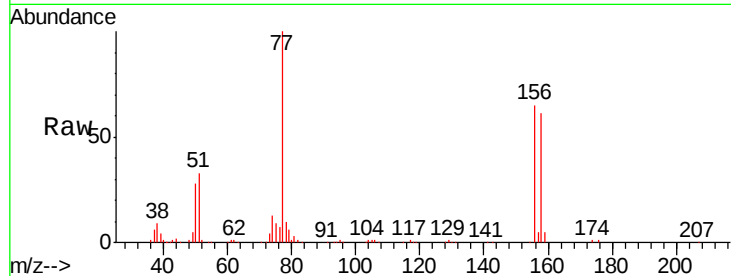
ClientSampleId :

VF1127SBS01

Tgt Ion: 156 Resp: 62147
 Ion Ratio Lower Upper
 156 100
 77 153.5 69.7 209.0
 158 94.0 47.8 143.4

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#78

n-propylbenzene

Concen: 22.01 ug/l

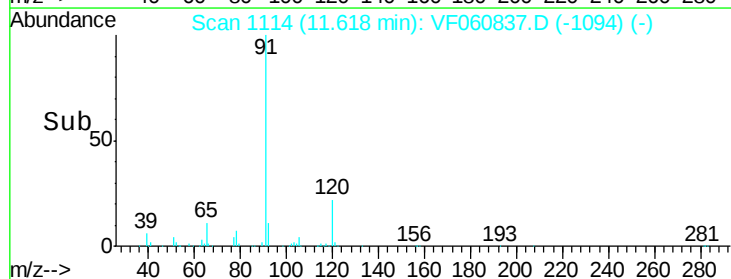
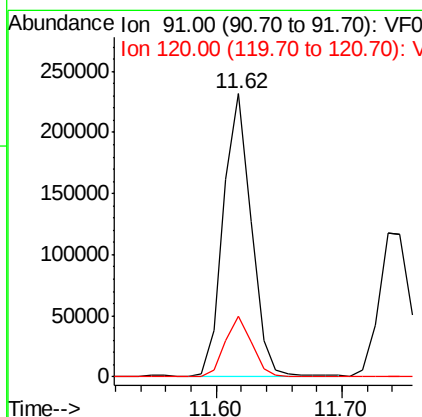
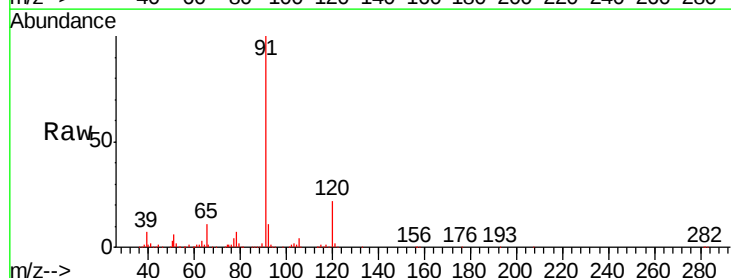
RT: 11.62 min Scan# 1114

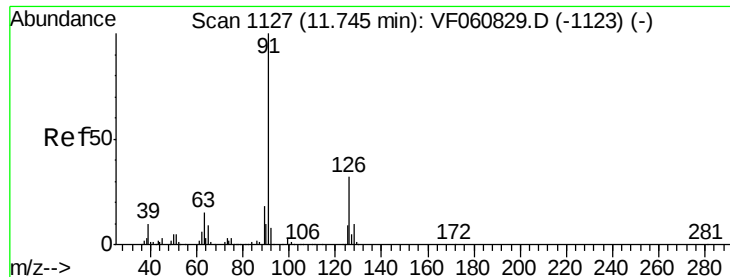
Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Tgt Ion: 91 Resp: 354331
 Ion Ratio Lower Upper
 91 100
 120 21.6 10.3 30.8





#79

2-Chlorotoluene

Concen: 21.87 ug/l

RT: 11.74 min Scan# 1126

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

ClientSampleId :

VF1127SBS01

Tgt Ion: 91 Resp: 201898

Ion Ratio Lower Upper

91 100

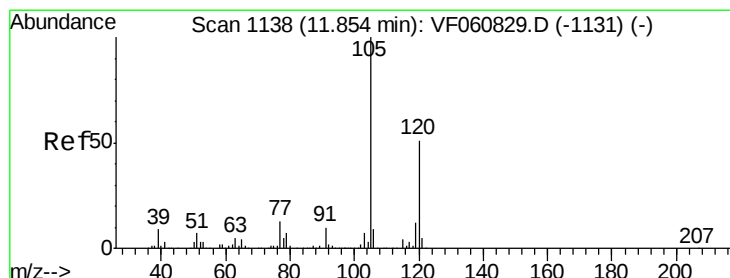
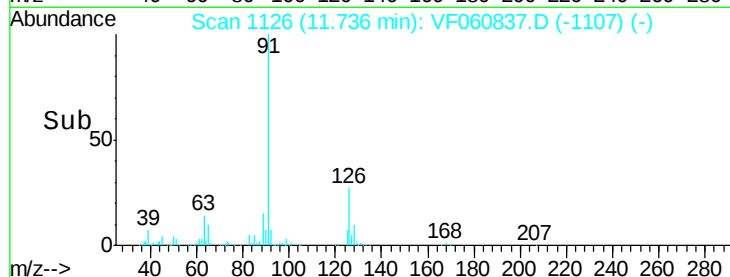
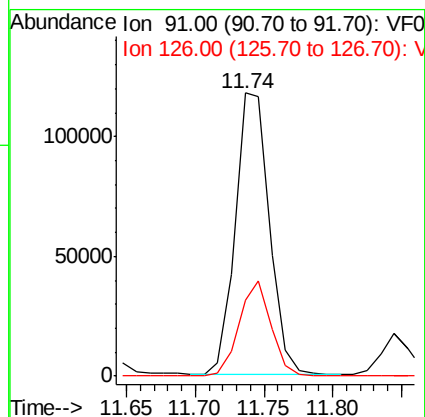
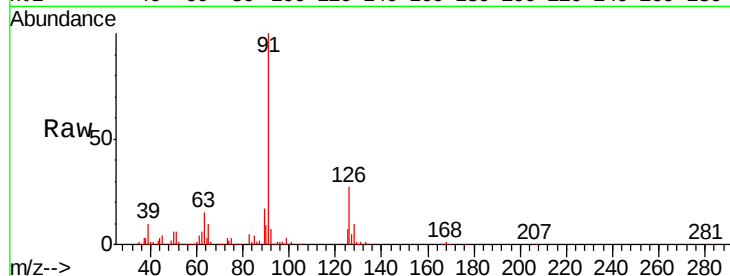
126 27.0 15.9 47.6

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#80

1,3,5-Trimethylbenzene

Concen: 21.93 ug/l

RT: 11.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VF060837.D

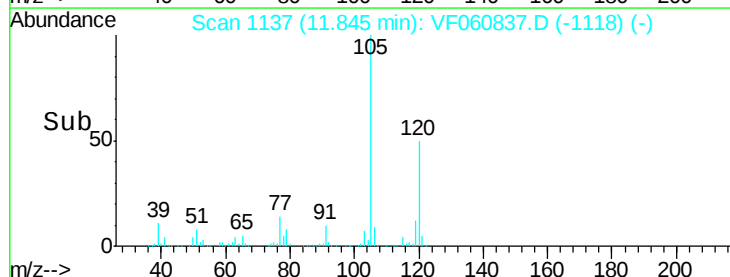
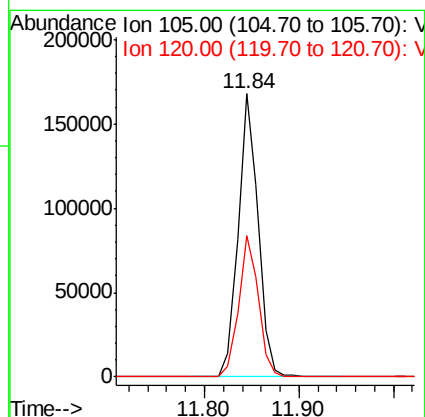
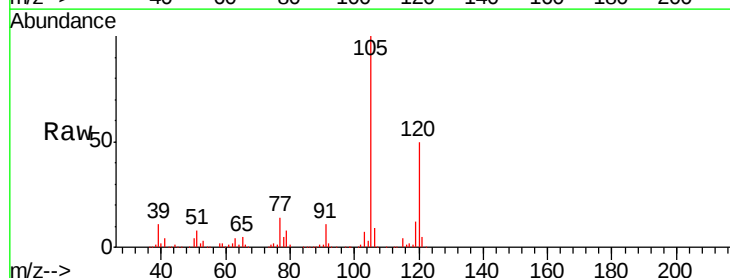
Acq: 27 Nov 2018 14:32

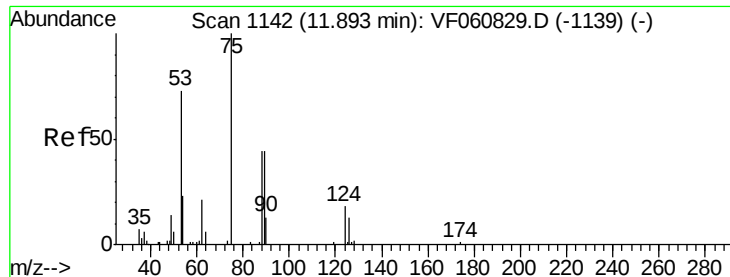
Tgt Ion: 105 Resp: 244710

Ion Ratio Lower Upper

105 100

120 50.1 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 17.63 ug/l m

RT: 11.89 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

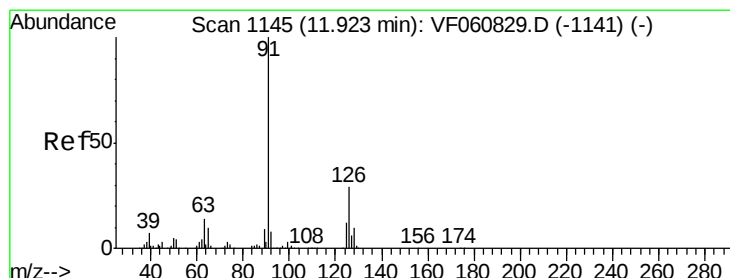
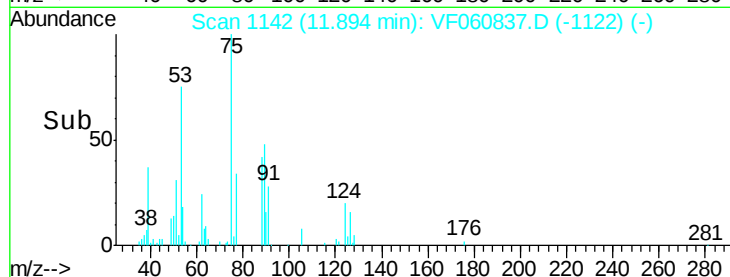
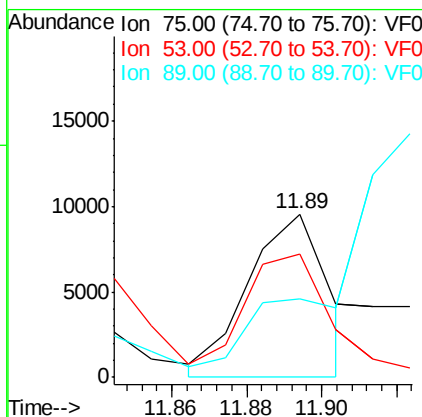
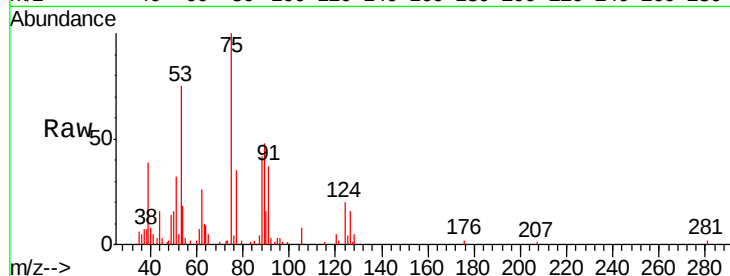
ClientSampleId :

VF1127SBS01

Tgt Ion:	75	Resp:	14204
Ion Ratio	Lower	Upper	
75	100		
53	75.1	65.9	98.9
89	47.8	38.8	58.2

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#82

4-Chlorotoluene

Concen: 21.64 ug/l

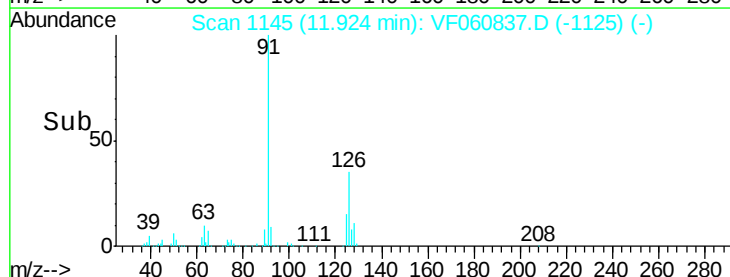
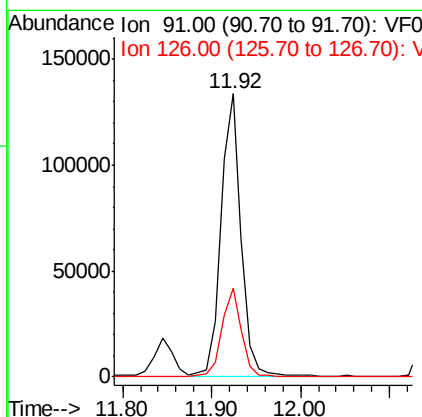
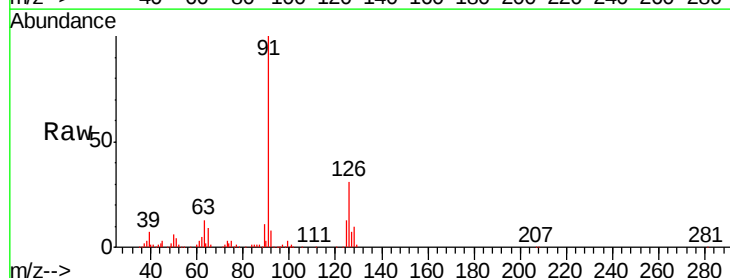
RT: 11.92 min Scan# 1145

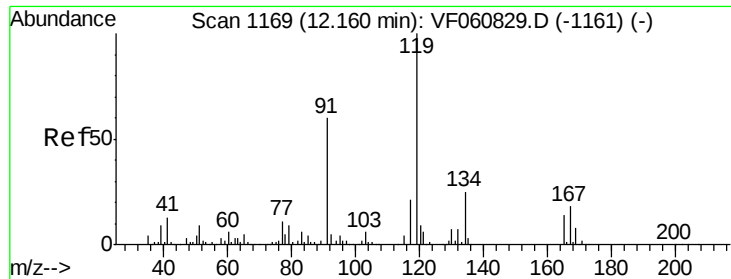
Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Tgt Ion:	91	Resp:	210210
Ion Ratio	Lower	Upper	
91	100		
126	31.3	14.8	44.4





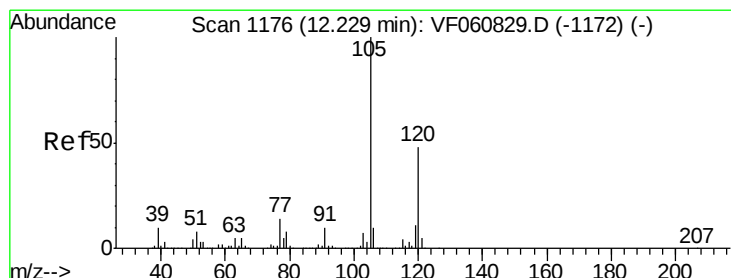
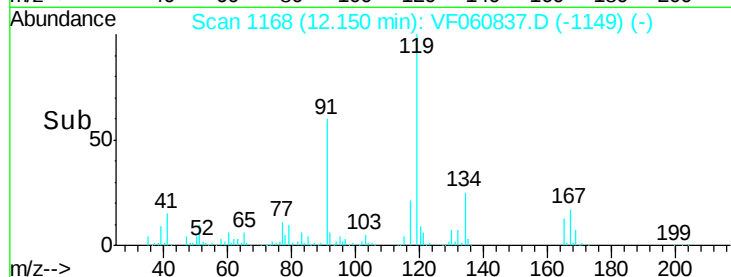
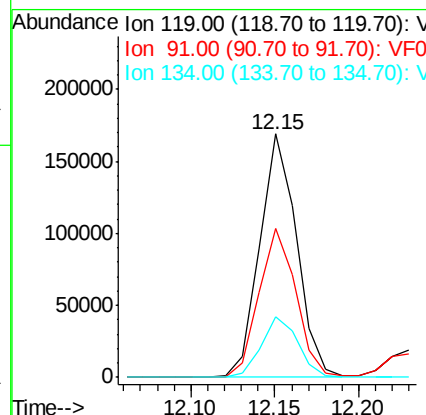
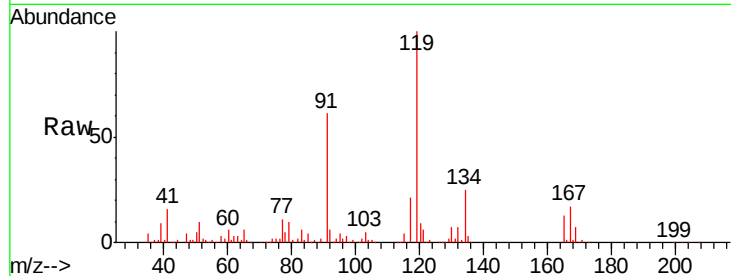
#83
tert-Butylbenzene
Concen: 22.57 ug/l
RT: 12.15 min Scan# 1168
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	256529		
91	61.2	30.1	90.3	
134	25.1	12.6	37.8	

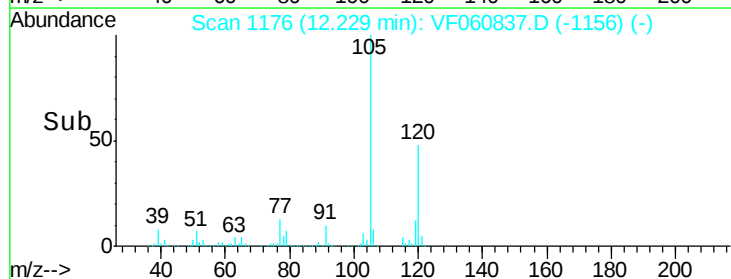
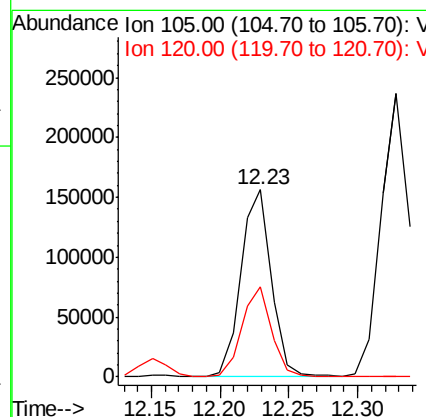
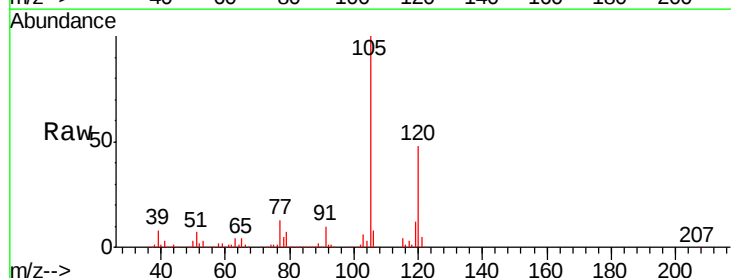
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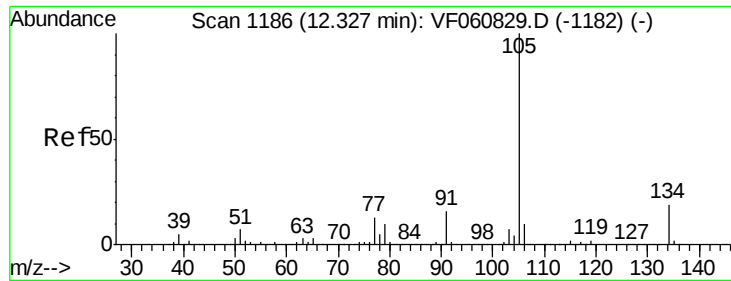
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#84
1,2,4-Trimethylbenzene
Concen: 21.66 ug/l
RT: 12.23 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	241263		
120	48.3	23.8	71.5	





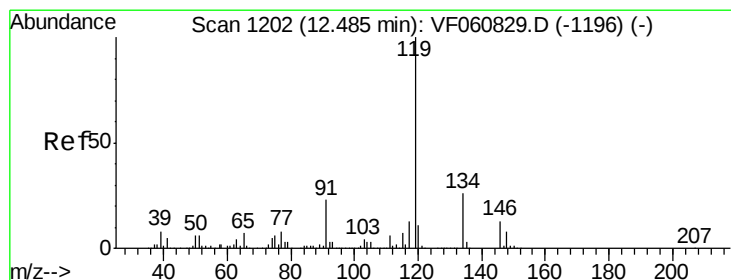
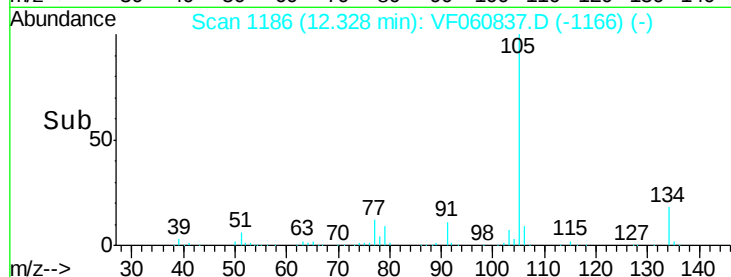
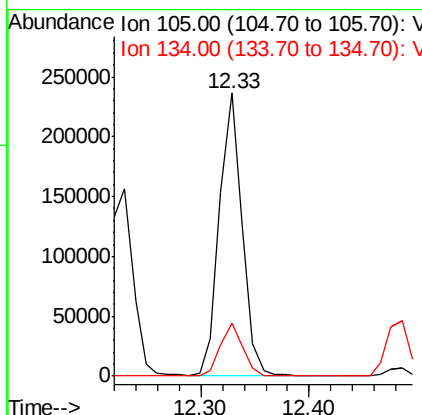
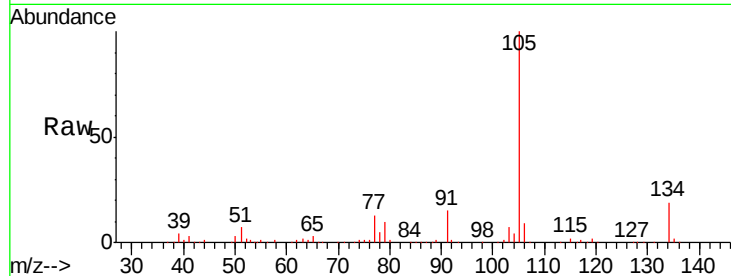
#85
 sec-Butylbenzene
 Concen: 22.17 ug/l
 RT: 12.33 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1127SBS01

Tgt Ion:105 Resp: 344934
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.5 28.5

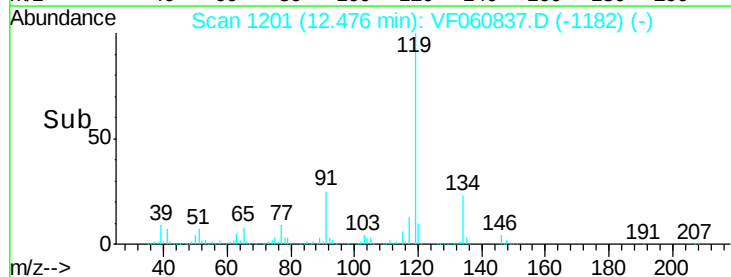
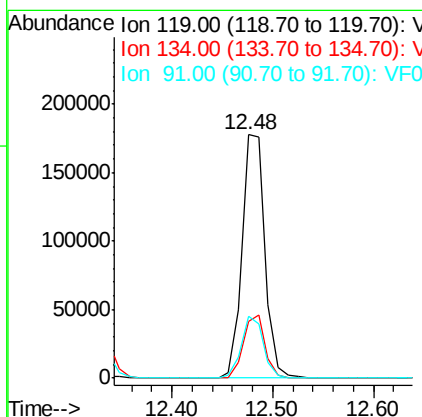
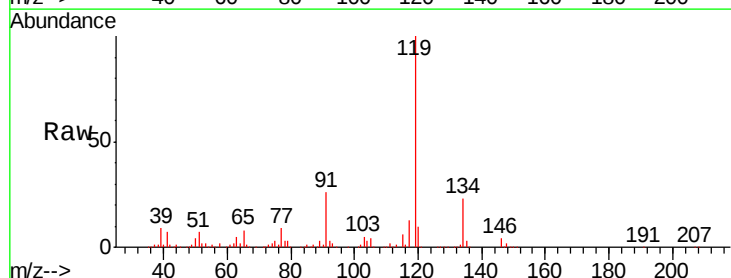
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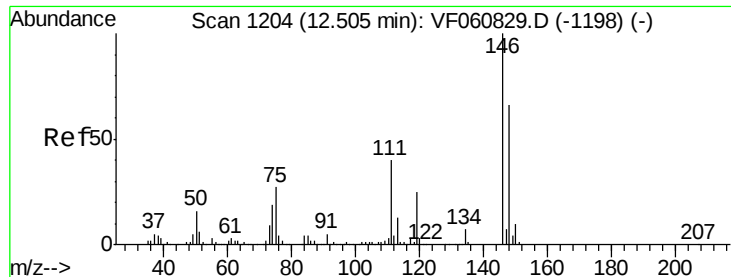
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#86
 p-Isopropyltoluene
 Concen: 21.59 ug/l
 RT: 12.48 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Tgt Ion:119 Resp: 281601
 Ion Ratio Lower Upper
 119 100
 134 23.1 12.9 38.6
 91 25.6 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 20.90 ug/l

RT: 12.50 min Scan# 1203

Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

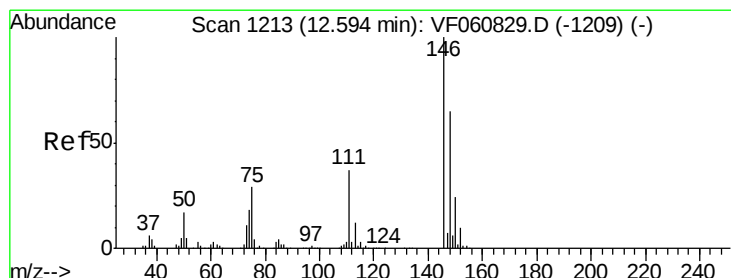
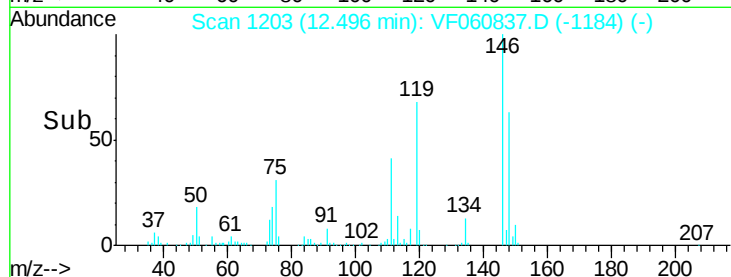
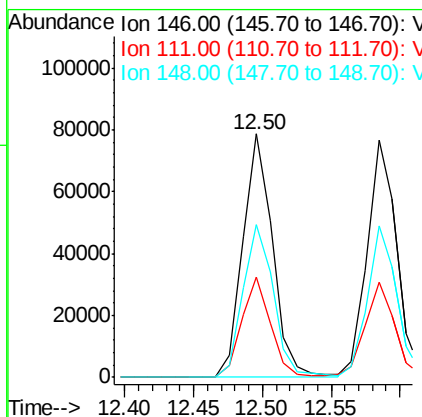
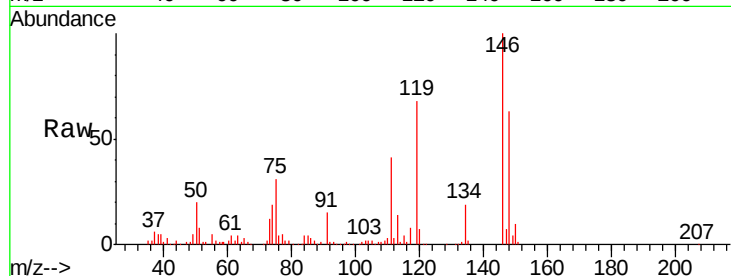
ClientSampleId :

VF1127SBS01

Tgt Ion:	146	Resp:	119829
Ion Ratio	Lower	Upper	
146	100		
111	41.2	20.0	59.9
148	62.5	32.9	98.6

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#88

1,4-Dichlorobenzene

Concen: 21.07 ug/l

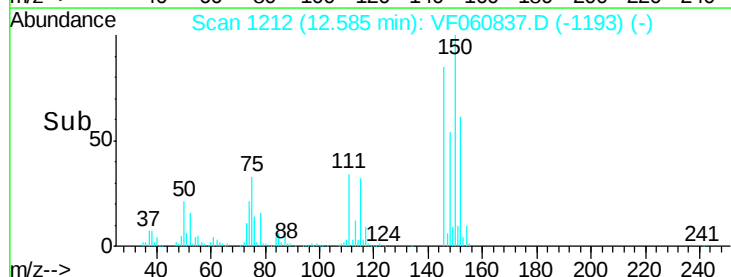
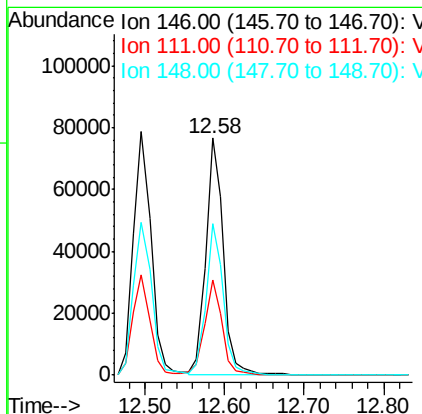
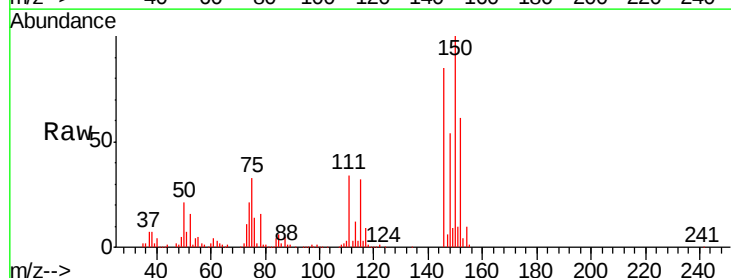
RT: 12.58 min Scan# 1212

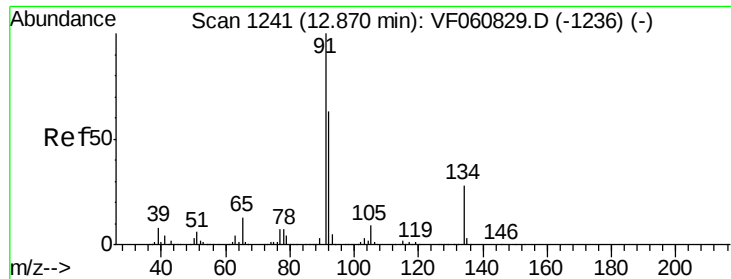
Delta R.T. -0.01 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Tgt Ion:	146	Resp:	117708
Ion Ratio	Lower	Upper	
146	100		
111	40.1	18.9	56.7
148	63.8	32.3	96.9





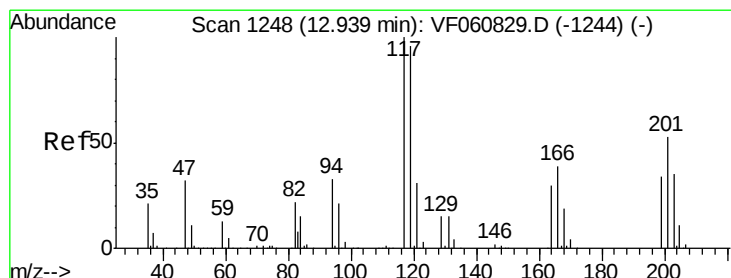
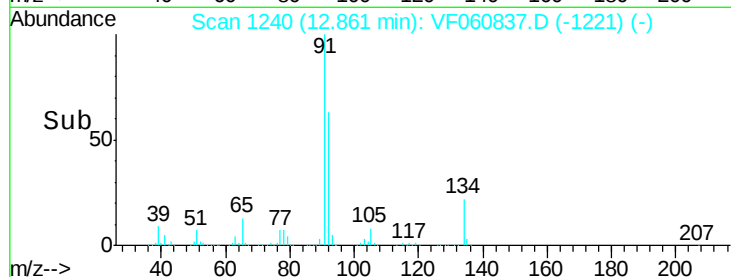
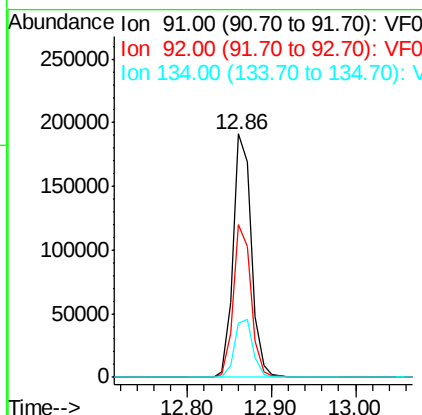
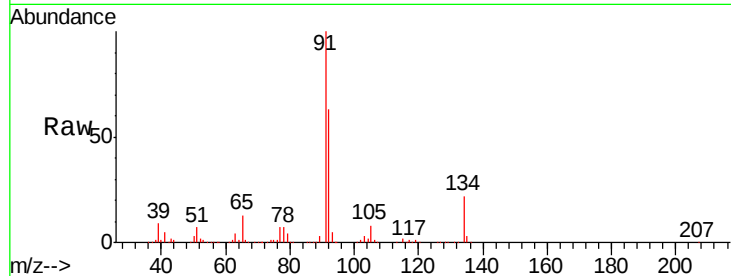
#89
n-Butylbenzene
Concen: 21.89 ug/l
RT: 12.86 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Instrument :
MSVOA_F
ClientSampleId :
VF1127SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	288781		
92	62.6	31.6	94.7	
134	22.3	13.8	41.4	

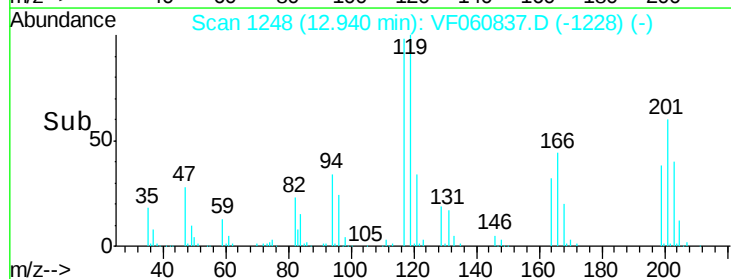
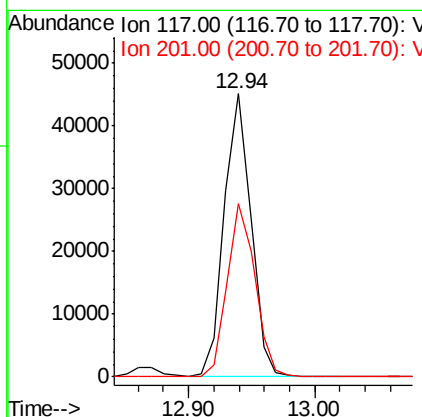
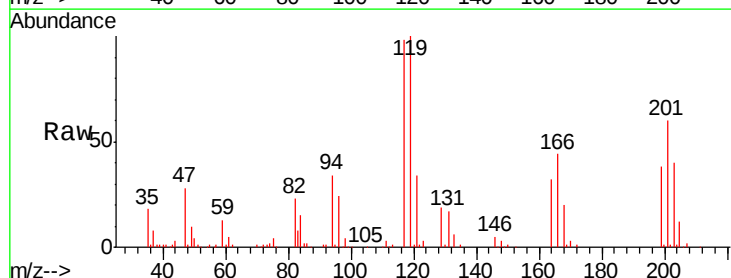
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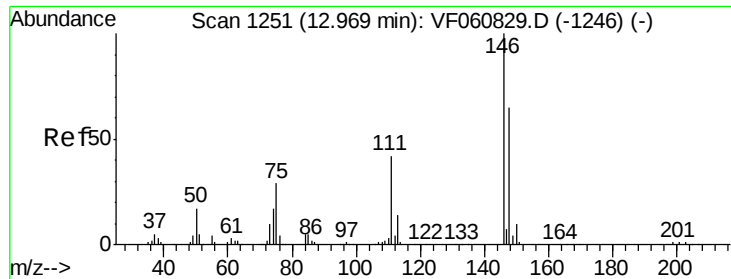
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#90
Hexachloroethane
Concen: 21.23 ug/l
RT: 12.94 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	66682		
201	61.0	26.7	80.1	





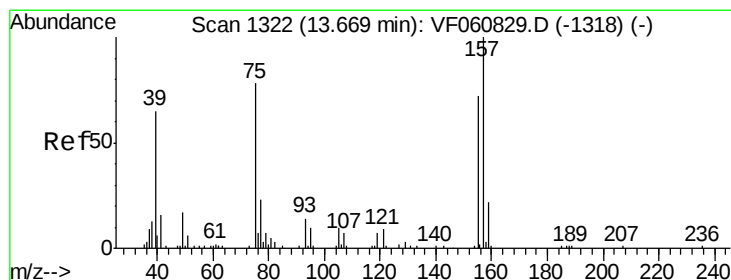
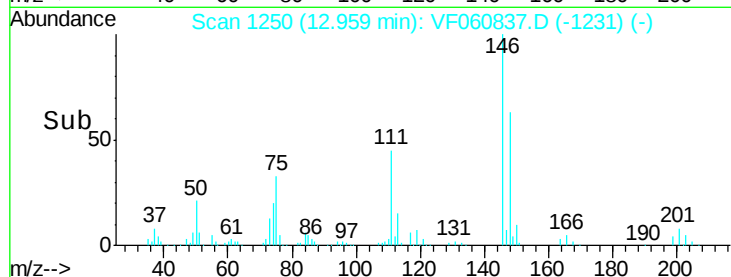
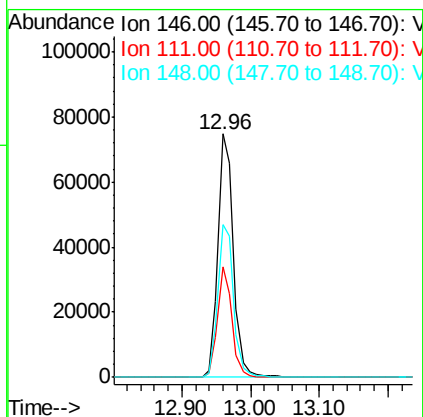
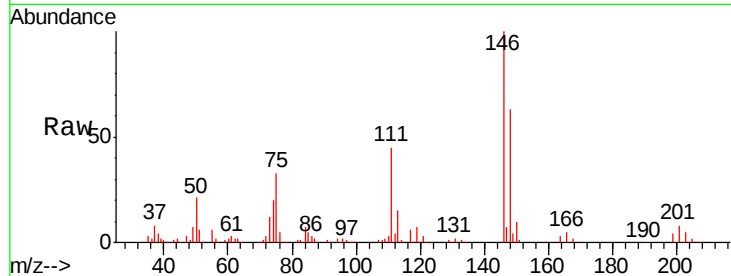
#91
 1,2-Dichlorobenzene
 Concen: 21.51 ug/l
 RT: 12.96 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1127SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.3	21.2	63.6
148	62.5	32.5	97.5

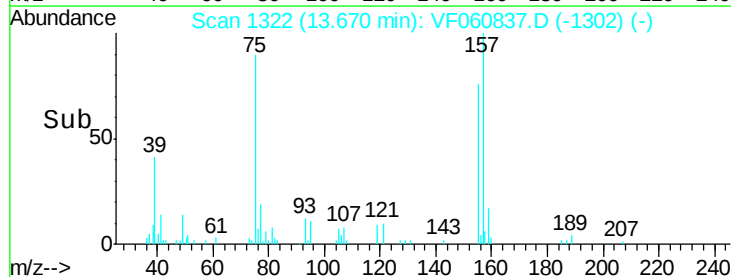
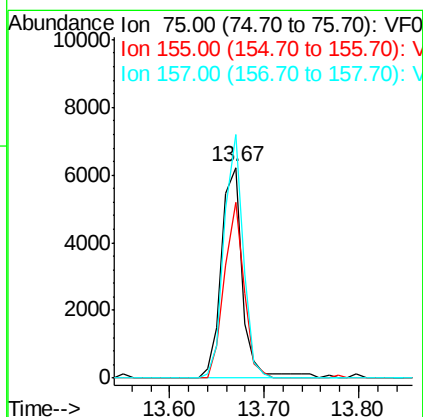
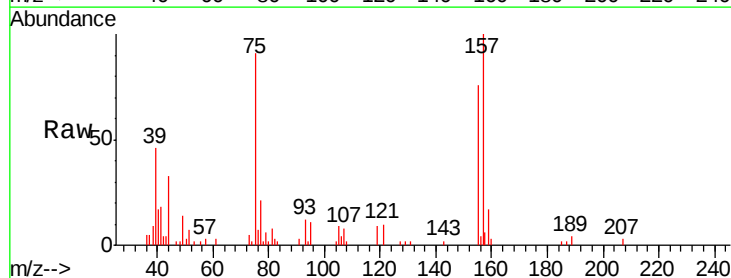
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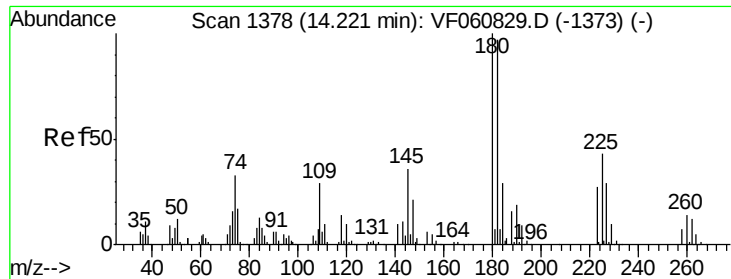
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.13 ug/l
 RT: 13.67 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VF060837.D
 Acq: 27 Nov 2018 14:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	45.6	136.9
157	115.5	63.8	191.5





#93

1,2,4-Trichlorobenzene

Concen: 21.64 ug/l

RT: 14.22 min Scan# 1378

Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Instrument :

MSVOA_F

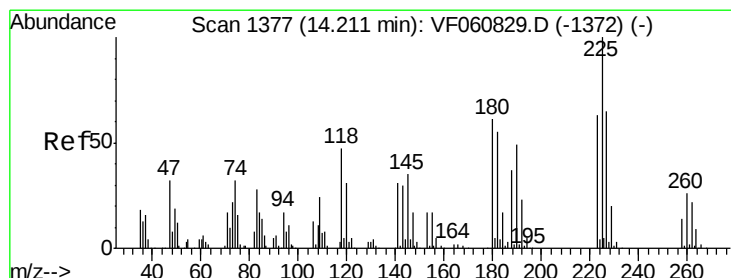
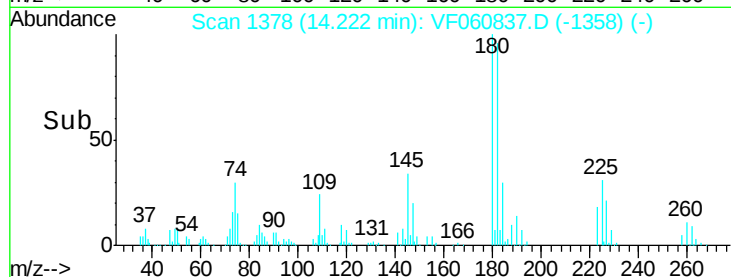
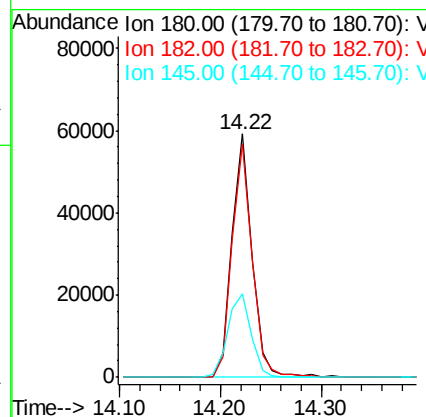
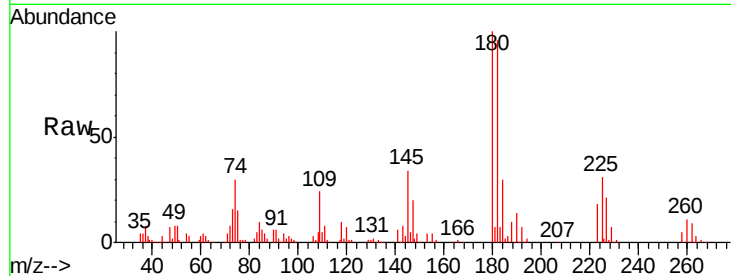
ClientSampleId :

VF1127SBS01

Tgt Ion:	180	Resp:	82097
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.5	145.5
145	34.2	18.1	54.3

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 20.42 ug/l

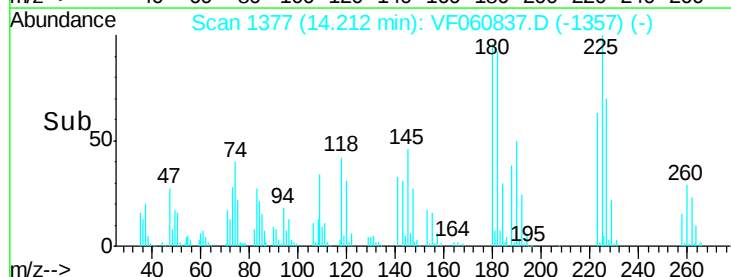
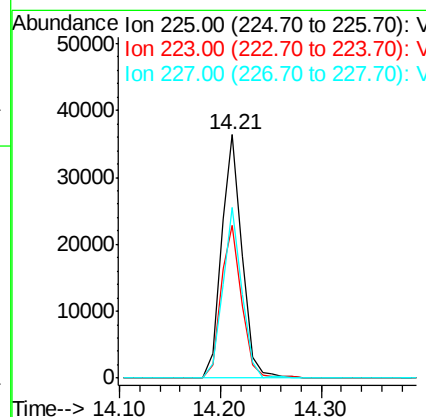
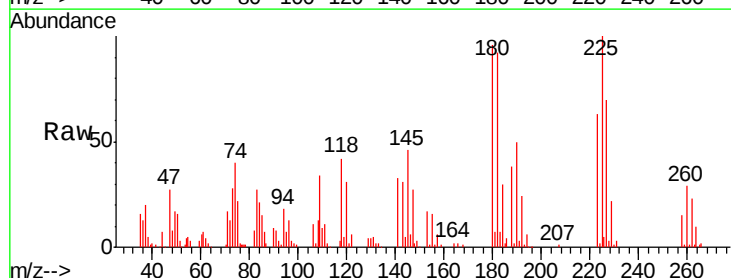
RT: 14.21 min Scan# 1377

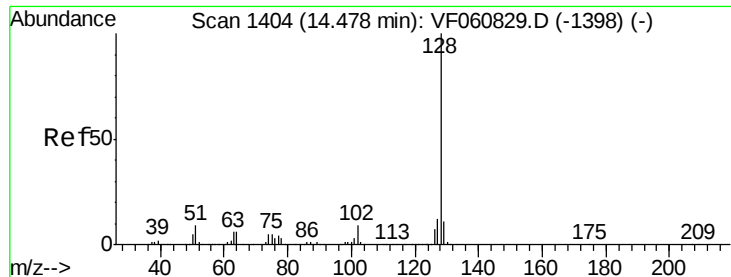
Delta R.T. 0.00 min

Lab File: VF060837.D

Acq: 27 Nov 2018 14:32

Tgt Ion:	225	Resp:	51635
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.4	94.3
227	70.2	32.5	97.5





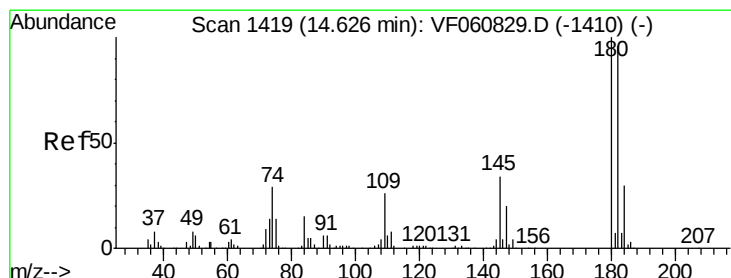
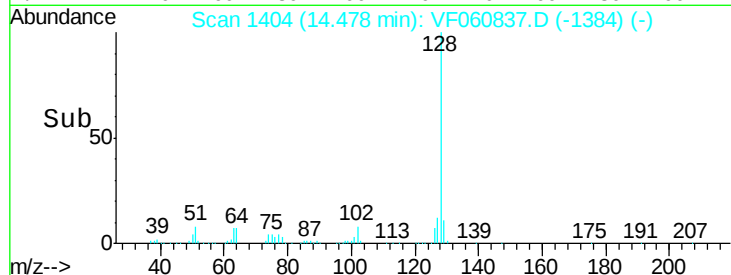
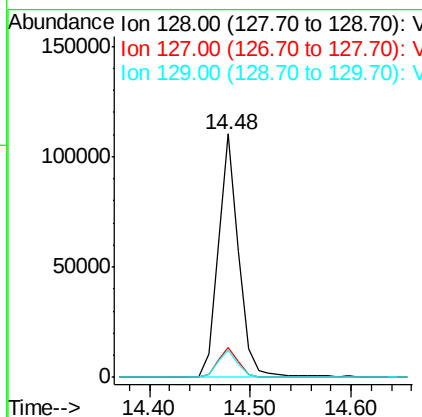
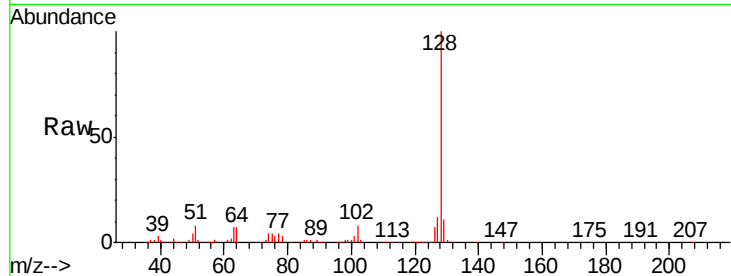
#95
Naphthalene
Concen: 19.06 ug/l
RT: 14.48 min Scan# 1404
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Instrument :
MSVOA_F
ClientSampled :
VF1127SBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.3	9.9	14.9
129	11.1	9.1	13.7

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.04 ug/l
RT: 14.63 min Scan# 1419
Delta R.T. 0.00 min
Lab File: VF060837.D
Acq: 27 Nov 2018 14:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.8	47.9	143.8
145	33.5	17.2	51.5

