

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091018\
 Data File : VF060242.D
 Acq On : 10 Sep 2018 18:37
 Operator : VA/AP
 Sample : J4803-18MS
 Misc : 5.67/5mL/MSVOA F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 J4803-17MS

Manual Integrations
 APPROVED

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 9/11/2018 11:08:00 AM

Quant Time: Sep 11 10:41:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 07 10:44:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	141081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	208906	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	218586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	118051	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	123098	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
35) Dibromofluoromethane	4.29	113	17736	8.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.34%	
50) Toluene-d8	7.72	98	258616	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.51	95	140221	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.96	85	127909	47.56	ug/l	98
3) Chloromethane	1.06	50	72497	51.12	ug/l	97
4) Vinyl Chloride	1.11	62	68363	62.55	ug/l	97
5) Bromomethane	1.31	94	51502	52.60	ug/l	97
6) Chloroethane	1.39	64	39059	55.80	ug/l	99
7) Trichlorofluoromethane	1.48	101	180987	59.38	ug/l	99
8) Diethyl Ether	1.69	74	28054	62.25	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	1.86	101	80579	54.06	ug/l	89
10) Methyl Iodide	1.92	142	71038	52.91	ug/l	92
11) Tert butyl alcohol	2.66	59	24511	201.03	ug/l #	86
12) 1,1-Dichloroethene	1.82	96	62708	61.84	ug/l	87
13) Acrolein	2.09	56	2478m	32.64	ug/l	
14) Allyl chloride	2.19	41	102721	67.54	ug/l	91
15) Acrylonitrile	3.07	53	58561	312.53	ug/l	96
16) Acetone	2.33	43	182781	332.66	ug/l	99
17) Carbon Disulfide	1.84	76	164246	55.57	ug/l	99
18) Methyl Acetate	2.52	43	64262	77.16	ug/l #	89
19) Methyl tert-butyl Ether	2.53	73	183406	54.67	ug/l	94
20) Methylene Chloride	2.28	84	66452	56.29	ug/l	96
21) trans-1,2-Dichloroethene	2.40	96	62608	60.34	ug/l	92
22) Diisopropyl ether	2.92	45	213631	56.05	ug/l	97
23) Vinyl Acetate	3.36	43	225	22.92	ug/l #	82
24) 1,1-Dichloroethane	3.00	63	154389	62.28	ug/l	98
25) 2-Butanone	4.50	43	193058	278.70	ug/l	99
26) 2,2-Dichloropropane	3.75	77	152287	44.48	ug/l	99
27) cis-1,2-Dichloroethene	3.63	96	81050	59.85	ug/l	95
28) Bromochloromethane	3.89	49	43569	51.61	ug/l	92
29) Tetrahydrofuran	4.24	42	57726	252.07	ug/l #	86
30) Chloroform	4.03	83	208499	57.41	ug/l	100
31) Cyclohexane	3.85	56	90261	53.22	ug/l	96
32) 1,1,1-Trichloroethane	4.28	97	190961	52.78	ug/l	97
36) 1,1-Dichloropropene	4.46	75	129090	52.50	ug/l	97
37) Ethyl Acetate	4.25	43	24373	17.78	ug/l #	1
38) Carbon Tetrachloride	4.17	117	159922	47.31	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	92791	45.05	ug/l	97
40) Benzene	4.81	78	244206	55.74	ug/l	98
41) Methacrylonitrile	4.92	41	31920	49.91	ug/l #	89
42) 1,2-Dichloroethane	5.12	62	164913	52.09	ug/l	99
43) Isopropyl Acetate	7.12	43	13855	9.69	ug/l #	98
44) Trichloroethene	5.68	130	150173	84.64	ug/l	97
45) 1,2-Dichloropropane	6.41	63	67845	54.49	ug/l #	88
46) Dibromomethane	6.26	93	58915	53.74	ug/l	94
47) Bromodichloromethane	6.55	83	152352	51.20	ug/l #	96
48) Methyl methacrylate	6.87	41	15160	13.34	ug/l	95
49) 1,4-Dioxane	6.86	88	8041	481.69	ug/l #	69
51) 4-Methyl-2-Pentanone	8.41	43	343861	270.61	ug/l	98
52) Toluene	7.79	92	177027	52.18	ug/l	97
53) t-1,3-Dichloropropene	8.43	75	134571	53.82	ug/l	99
54) cis-1,3-Dichloropropene	7.46	75	138740	53.45	ug/l	100
55) 1,1,2-Trichloroethane	8.64	97	60007	48.09	ug/l	98
56) Ethyl methacrylate	8.76	69	39255	27.52	ug/l	98
57) 1,3-Dichloropropane	9.00	76	116264	52.40	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.78	63	37944	247.34	ug/l	100
59) 2-Hexanone	9.63	43	257910	271.48	ug/l	99
60) Dibromochloromethane	8.87	129	108560	52.53	ug/l	93
61) 1,2-Dibromoethane	9.14	107	74819	49.99	ug/l	91
64) Tetrachloroethene	8.31	164	150598	68.81	ug/l	98
65) Chlorobenzene	9.95	112	227119	50.20	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.07	131	94667	47.21	ug/l	95
67) Ethyl Benzene	10.04	91	416299	49.32	ug/l	97
68) m/p-Xylenes	10.27	106	296683	104.76	ug/l	93
69) o-Xylene	10.83	106	151561	50.17	ug/l	97
70) Styrene	10.90	104	234735	51.26	ug/l	98
71) Bromoform	10.89	173	68596	59.25	ug/l #	93
73) Isopropylbenzene	11.23	105	472394	58.01	ug/l	100
74) N-amyl acetate	11.46	43	21583	16.83	ug/l	97
76) 1,2,3-Trichloropropane	11.89	75	74302	57.26	ug/l	88
77) Bromobenzene	11.60	156	124538	58.40	ug/l	96
78) n-propylbenzene	11.69	91	537333	55.07	ug/l	94
79) 2-Chlorotoluene	11.82	91	326268	55.35	ug/l	97
80) 1,3,5-Trimethylbenzene	11.92	105	392688	54.63	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.96	75	22146m	71.90	ug/l	
82) 4-Chlorotoluene	12.00	91	357291	54.62	ug/l	93
83) tert-Butylbenzene	12.22	119	341571	52.15	ug/l	98
84) 1,2,4-Trimethylbenzene	12.29	105	415331	56.87	ug/l	99
85) sec-Butylbenzene	12.39	105	456537	50.52	ug/l	99
86) p-Isopropyltoluene	12.54	119	413292	51.51	ug/l	96
87) 1,3-Dichlorobenzene	12.56	146	202992	52.09	ug/l	97
88) 1,4-Dichlorobenzene	12.65	146	207623	53.84	ug/l	98
89) n-Butylbenzene	12.92	91	353155	45.51	ug/l	96
90) Hexachloroethane	13.00	117	88723	54.54	ug/l	87
91) 1,2-Dichlorobenzene	13.02	146	201628	54.50	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.71	75	18970	60.71	ug/l	76
93) 1,2,4-Trichlorobenzene	14.27	180	125130	43.76	ug/l	97

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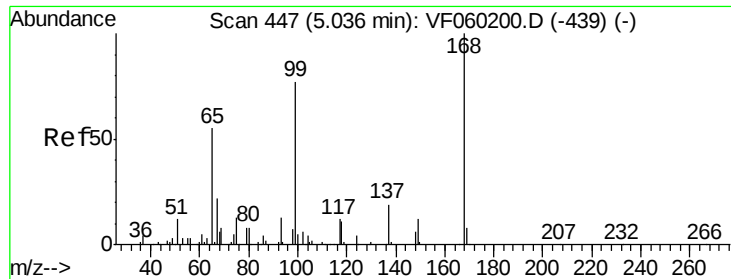
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Sep 07 10:44:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.25	225	65971	32.37	ug/l	97
95) Naphthalene	14.52	128	155269	35.58	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	112082	41.76	ug/l	98

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



#1

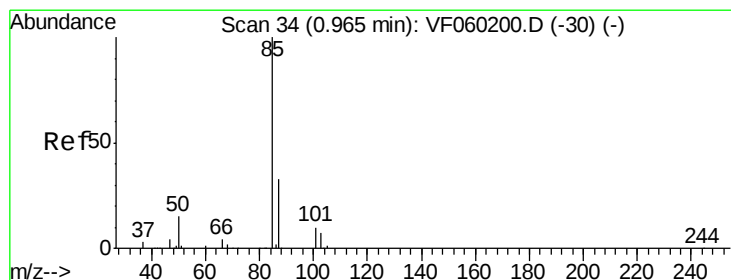
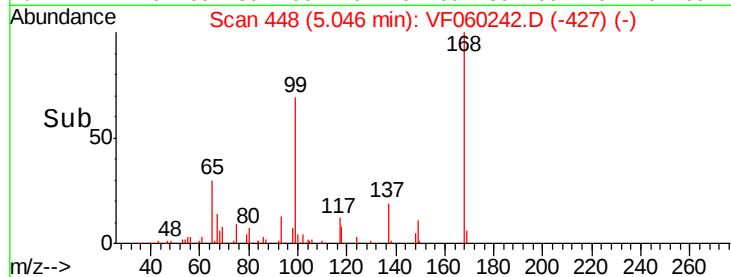
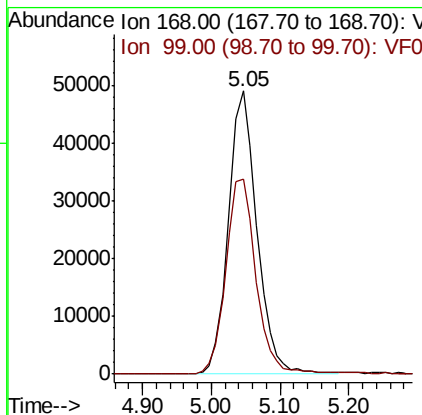
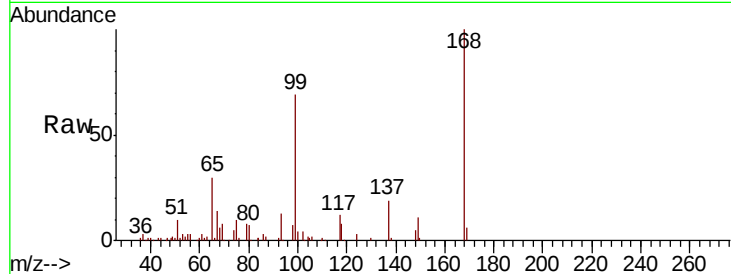
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.05 min Scan# 448
 Delta R.T. 0.01 min
 Lab File: VF060242.D
 Acq: 10 Sep 2018 18:37

Instrument :
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 ClientSampleId :
 J4803-17MS

Tot Ion	Ratio	Lower	Upper
168	100		
99	69.0	61.8	92.6

Manual Integrations
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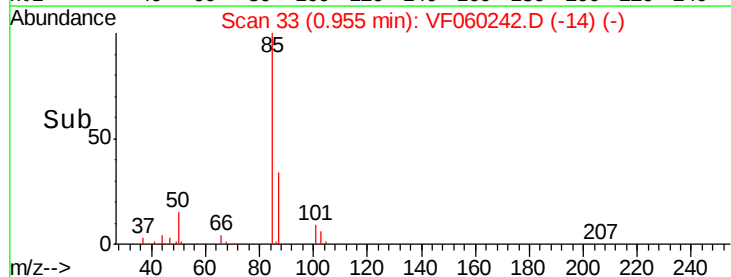
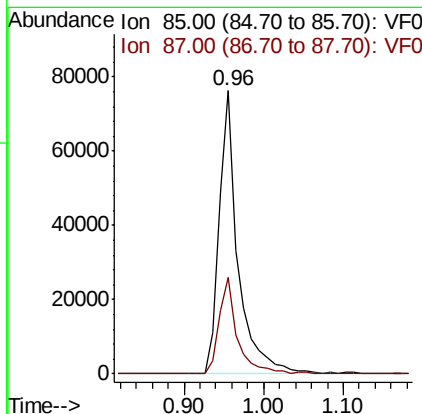
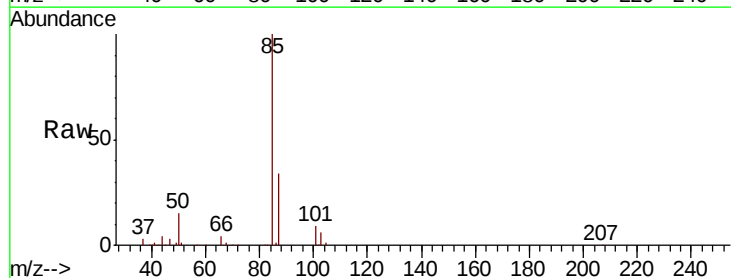
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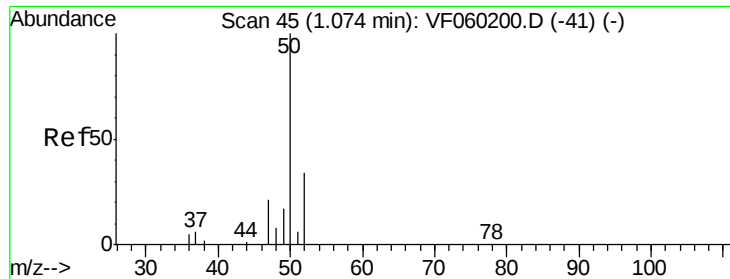


#2

Dichlorodifluoromethane
 Concen: 47.56 ug/l
 RT: 0.96 min Scan# 33
 Delta R.T. -0.01 min
 Lab File: VF060242.D
 Acq: 10 Sep 2018 18:37

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.0	16.3	48.9





#3

Chloromethane

Concen: 51.12 ug/l

RT: 1.06 min Scan# 44

Delta R.T. -0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

ClientSampleId :

J4803-17MS

Tot Ion: 50 Resp: 72497

Ion Ratio Lower Upper

50 100

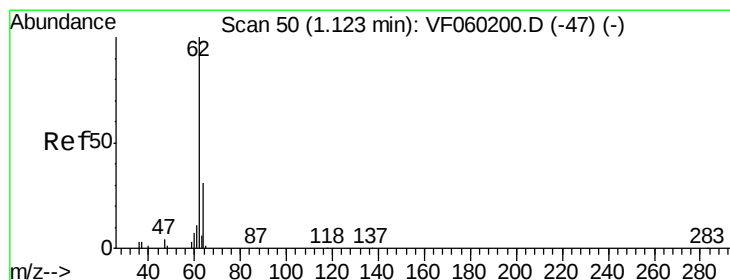
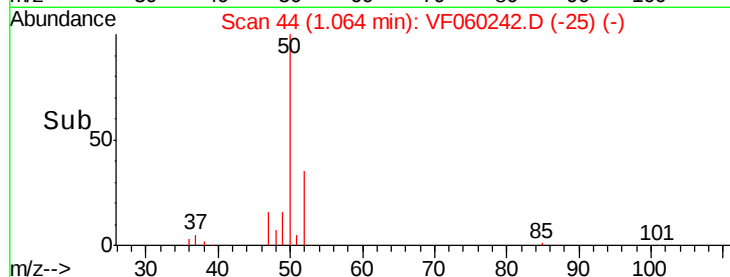
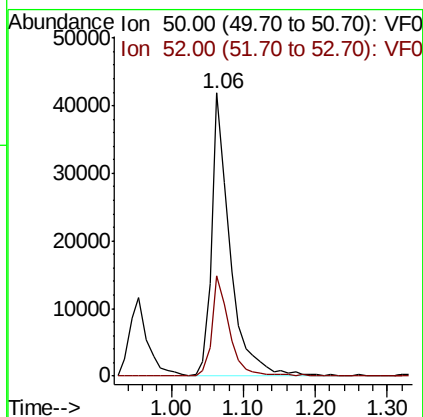
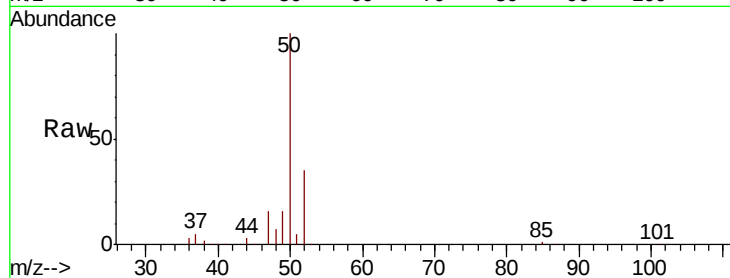
52 35.2 26.9 40.3

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#4

Vinyl Chloride

Concen: 62.55 ug/l

RT: 1.11 min Scan# 49

Delta R.T. -0.01 min

Lab File: VF060242.D

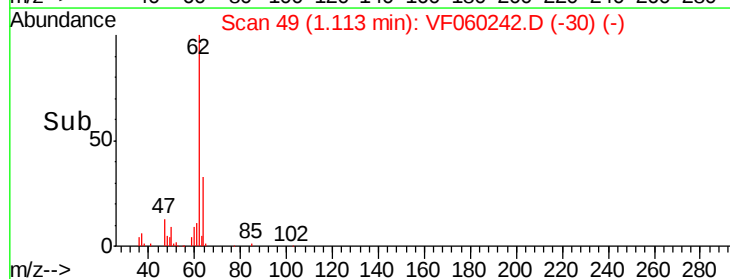
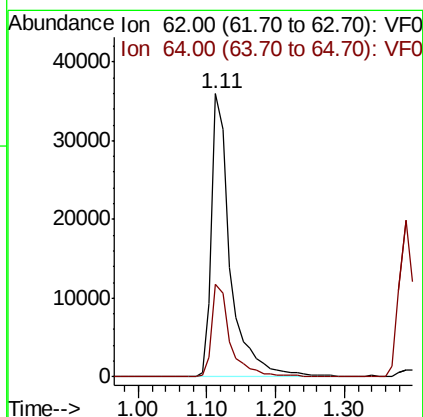
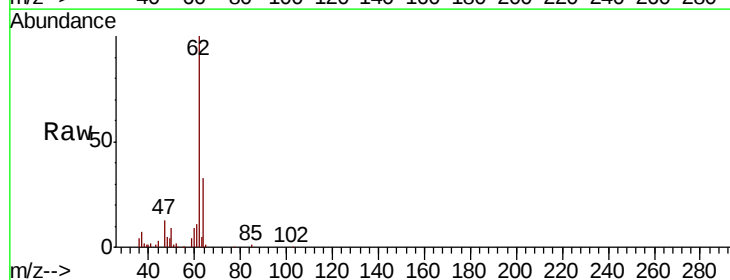
Acq: 10 Sep 2018 18:37

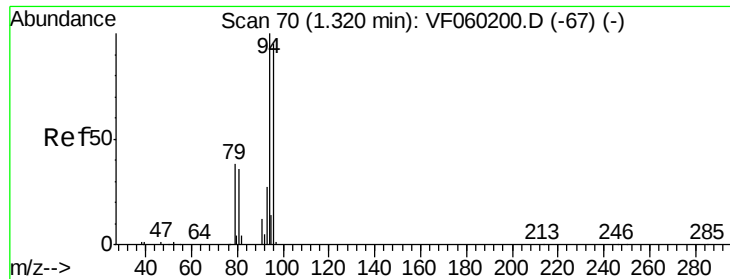
Tgt Ion: 62 Resp: 68363

Ion Ratio Lower Upper

62 100

64 32.8 24.8 37.2





#5

Bromomethane

Concen: 52.60 ug/l

RT: 1.31 min Scan# 69

Delta R.T. -0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

ClientSampleId :

J4803-17MS

Tot Ion: 94 Resp: 51502

Ion Ratio Lower Upper

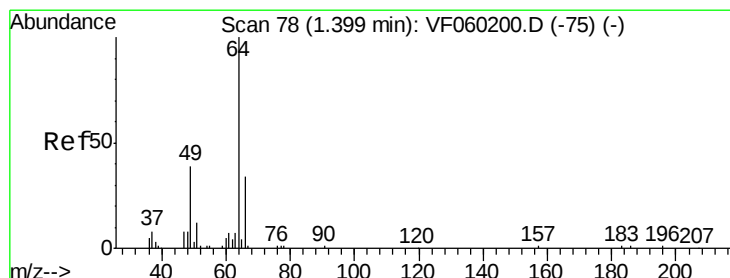
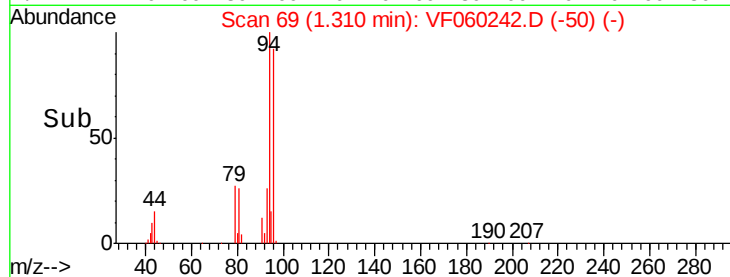
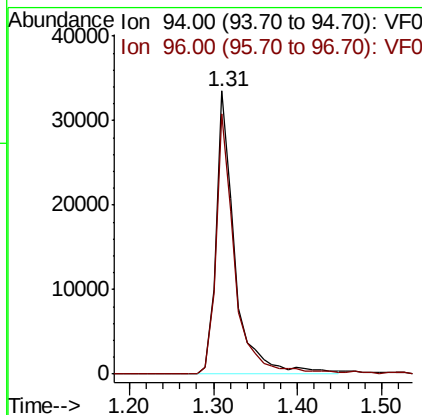
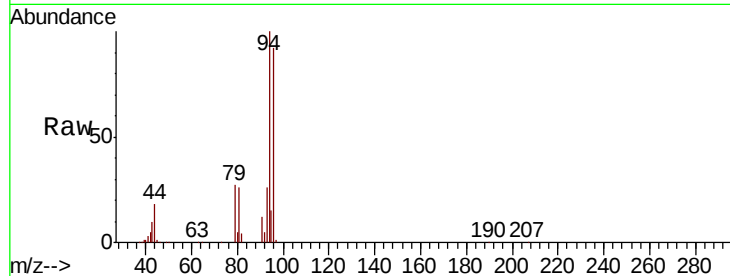
94 100

96 92.1 75.8 113.6

Manual Integrations
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#6

Chloroethane

Concen: 55.80 ug/l

RT: 1.39 min Scan# 77

Delta R.T. -0.01 min

Lab File: VF060242.D

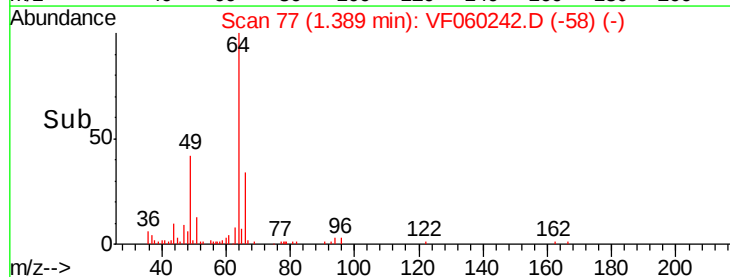
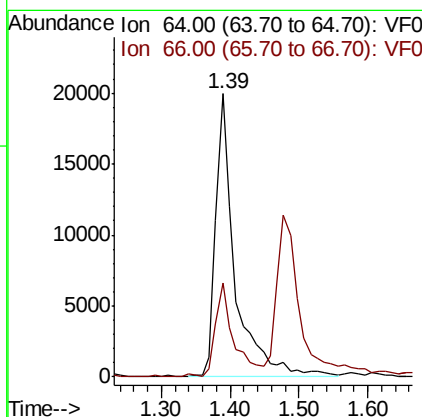
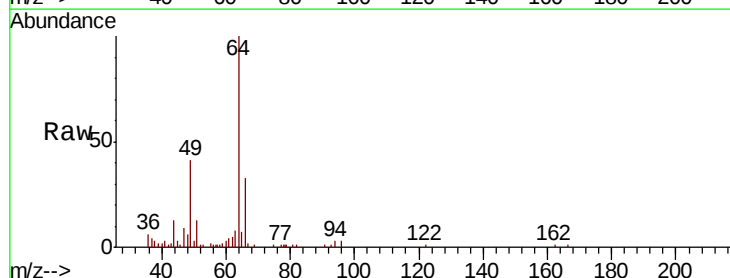
Acq: 10 Sep 2018 18:37

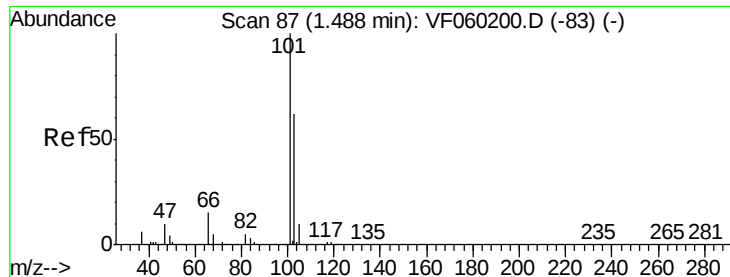
Tgt Ion: 64 Resp: 39059

Ion Ratio Lower Upper

64 100

66 33.3 27.1 40.7





#7

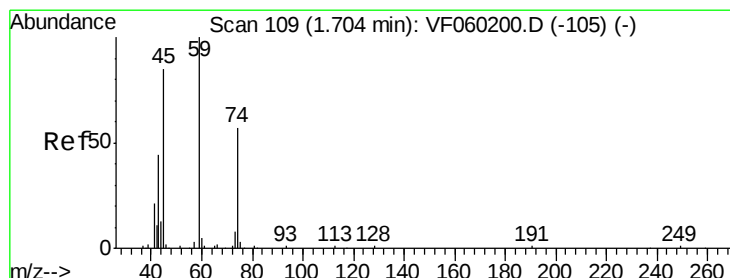
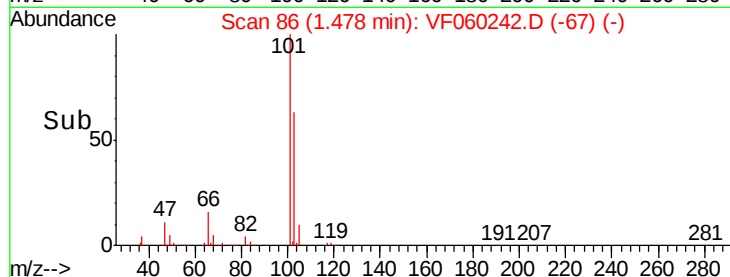
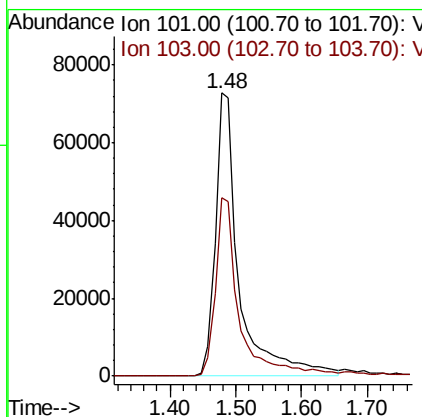
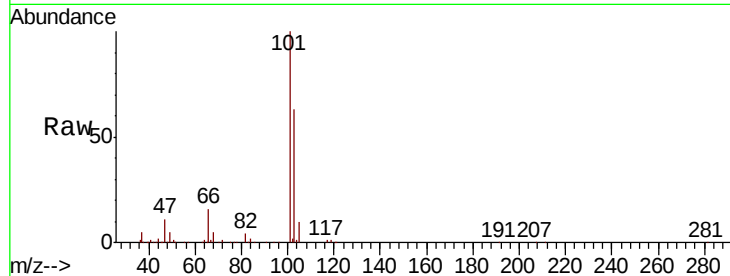
Trichlorofluoromethane
 Concen: 59.38 ug/l
 RT: 1.48 min Scan# 86
 Delta R.T. -0.01 min
 Lab File: VF060242.D
 Acq: 10 Sep 2018 18:37

Instrument :
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 ClientSampleId :
 J4803-17MS

Tot Ion	Ratio	Resp	Lower	Upper
101	100	180987		
103	62.8	49.5	74.3	

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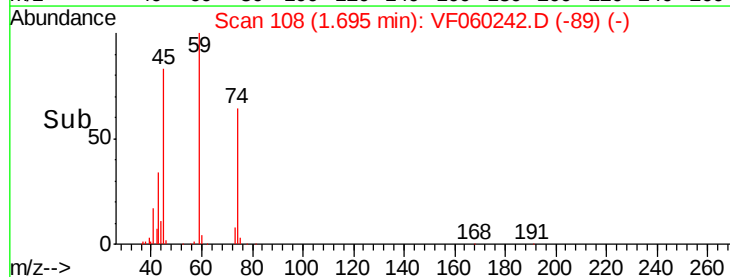
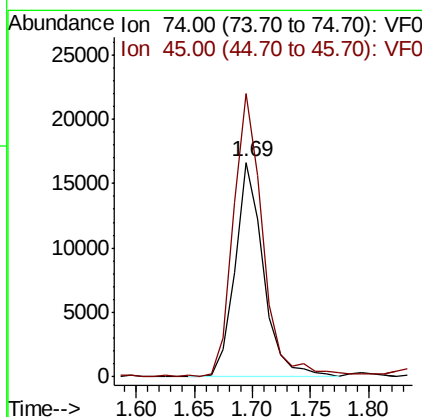
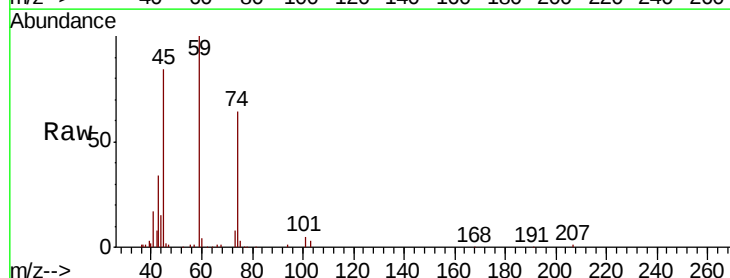
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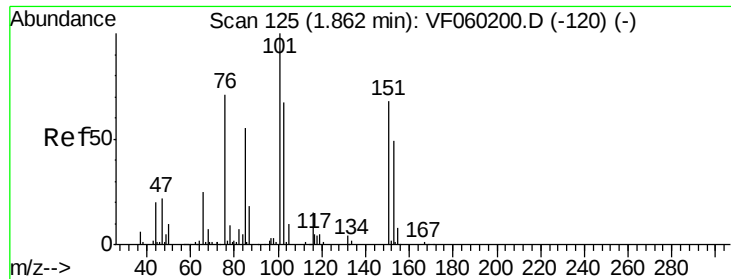


#8

Diethyl Ether
 Concen: 62.25 ug/l
 RT: 1.69 min Scan# 108
 Delta R.T. -0.01 min
 Lab File: VF060242.D
 Acq: 10 Sep 2018 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	28054		
45	132.1	75.3	225.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.06 ug/l

RT: 1.86 min Scan# 125

Delta R.T. -0.00 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

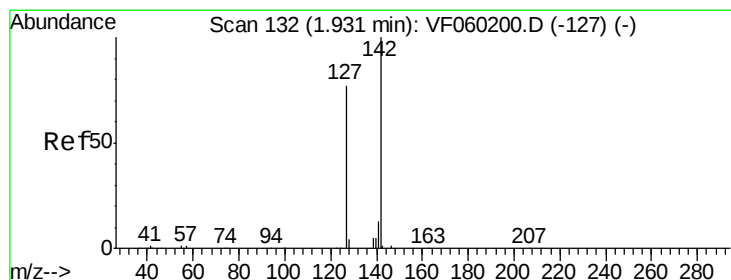
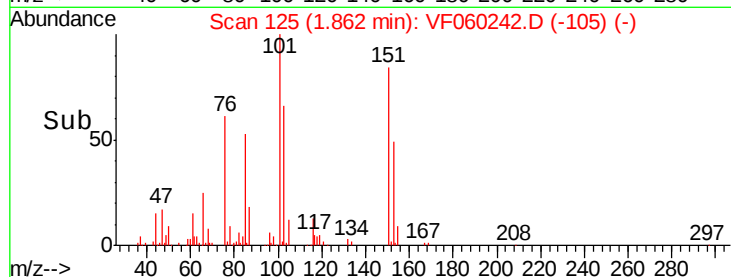
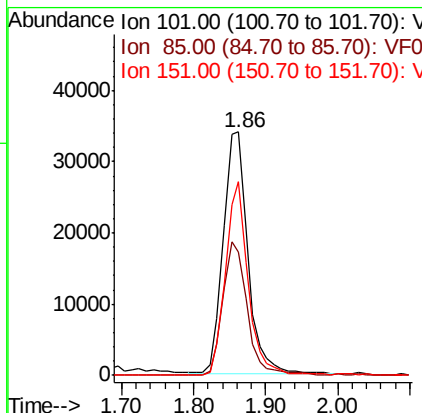
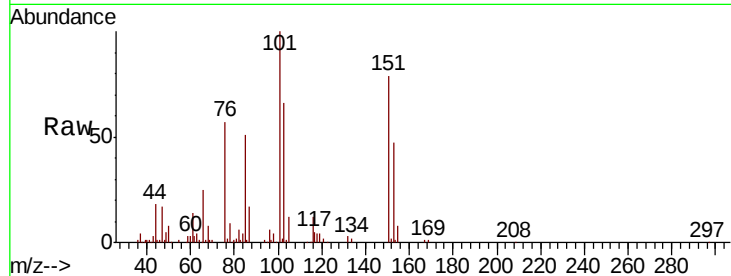
ClientSampleId :

J4803-17MS

Tot Ion:	101	Resp:	80579
Ion Ratio	Lower	Upper	
101	100		
85	50.6	43.0	64.4
151	79.5	53.6	80.4

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#10

Methyl Iodide

Concen: 52.91 ug/l

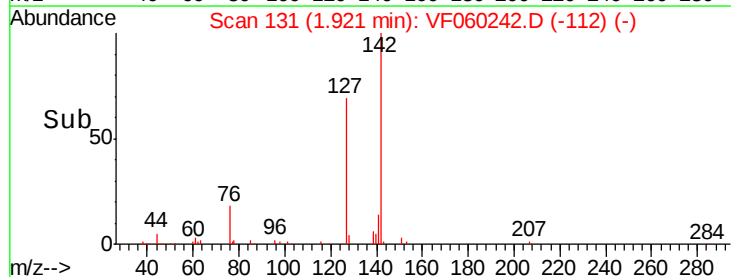
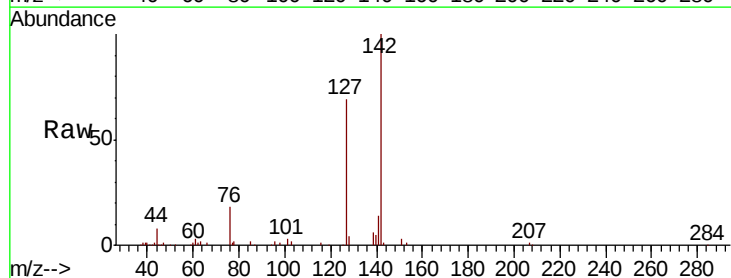
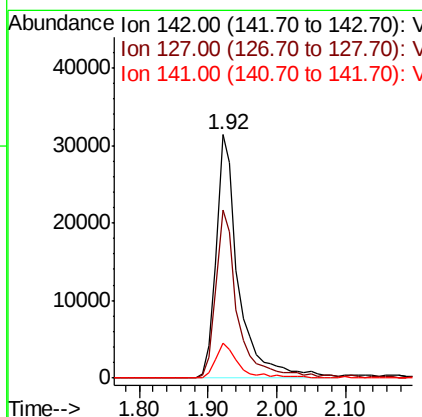
RT: 1.92 min Scan# 131

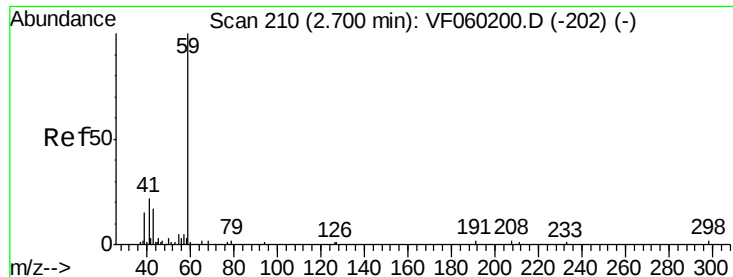
Delta R.T. -0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Tgt Ion:	142	Resp:	71038
Ion Ratio	Lower	Upper	
142	100		
127	68.9	61.1	91.7
141	14.5	10.6	15.8





#11

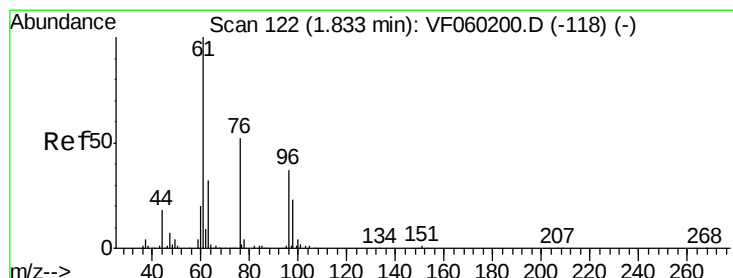
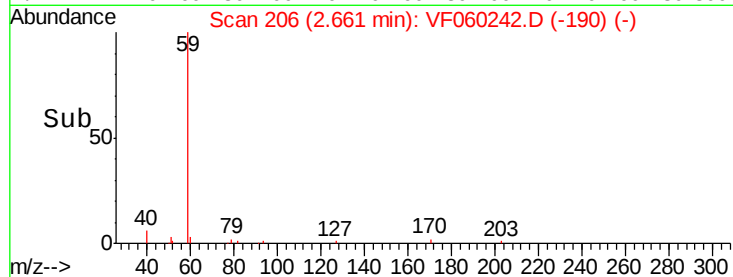
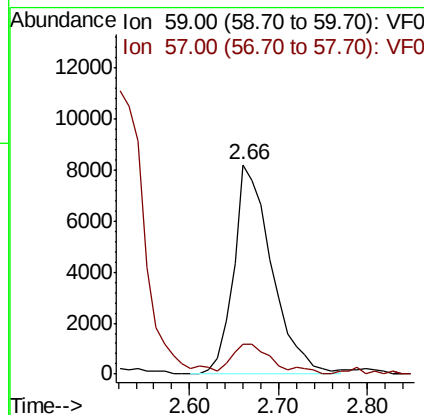
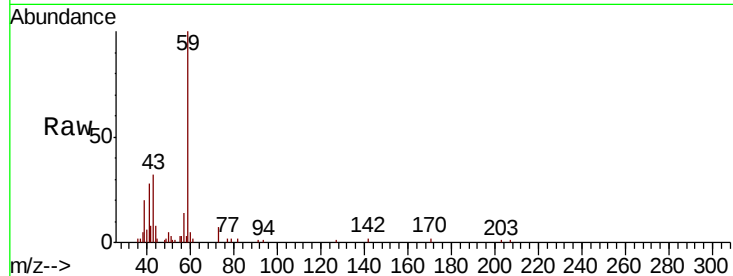
Tert butyl alcohol
Concen: 201.03 ug/l
RT: 2.66 min Scan# 206
Delta R.T. -0.04 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Instrument :
MSVOA_F
ClientSampleId :
J4803-17MS

Tot Ion	59	Resp	24511
Ion Ratio	100	Lower	Upper
57	14.2	7.2	10.8#

Manual Integrations
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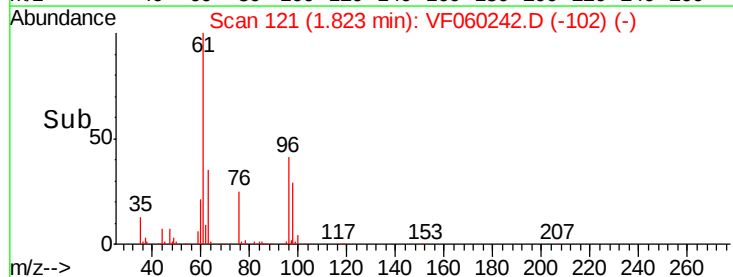
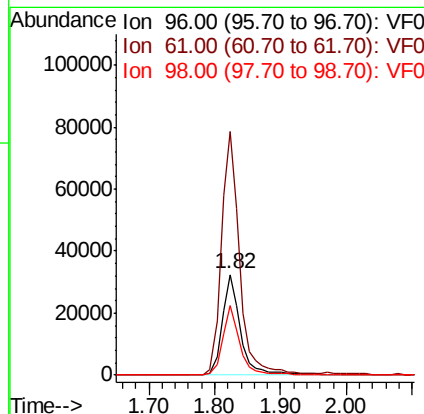
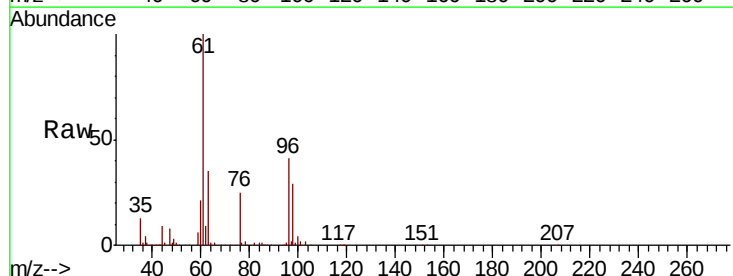
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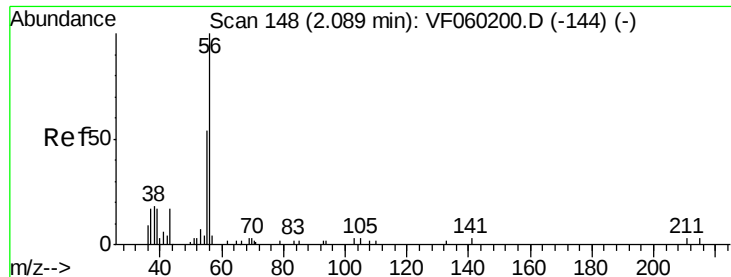


#12

1,1-Dichloroethene
Concen: 61.84 ug/l
RT: 1.82 min Scan# 121
Delta R.T. -0.01 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Tgt Ion	96	Resp	62708
Ion Ratio	100	Lower	Upper
61	242.5	214.6	321.8
98	69.4	50.7	76.1





#13

Acrolein

Concen: 32.64 ug/l m

RT: 2.09 min Scan# 148

Delta R.T. 0.00 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

ClientSampleId :

J4803-17MS

Tot Ion: 56 Resp: 2478

Ion Ratio Lower Upper

56 100

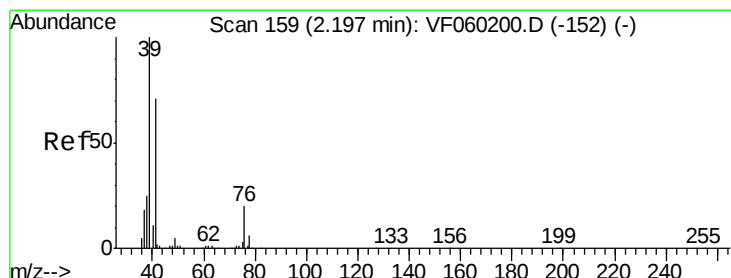
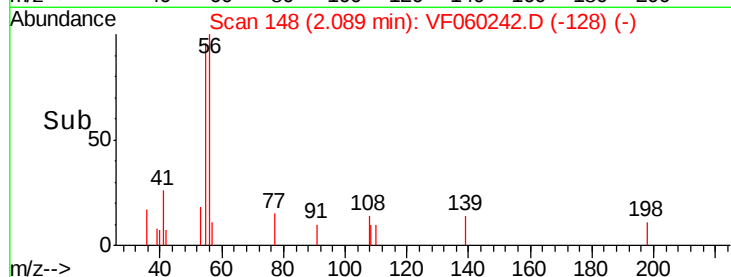
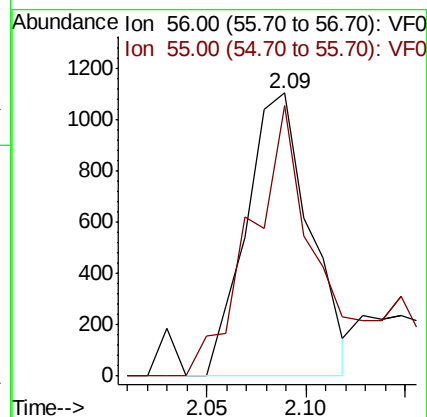
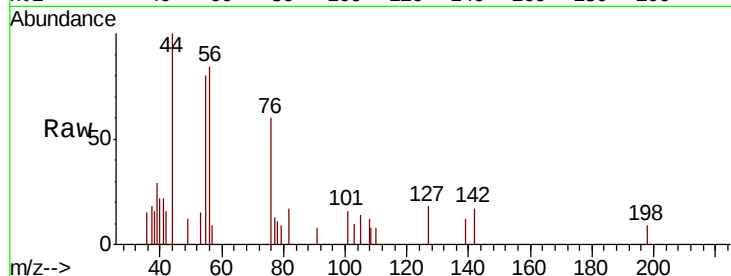
55 95.6 45.1 67.7#

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#14

Allyl chloride

Concen: 67.54 ug/l

RT: 2.19 min Scan# 158

Delta R.T. -0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

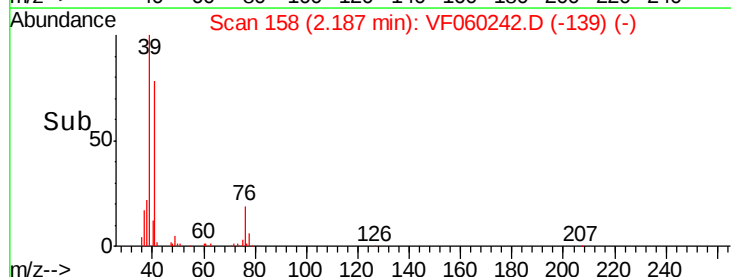
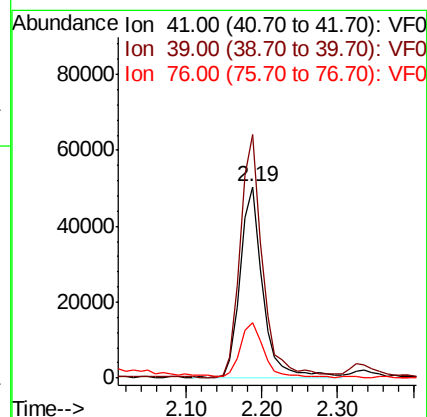
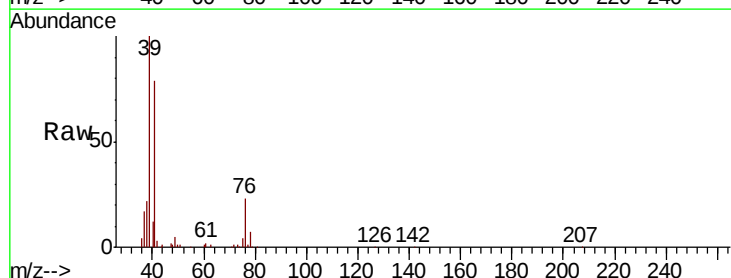
Tgt Ion: 41 Resp: 102721

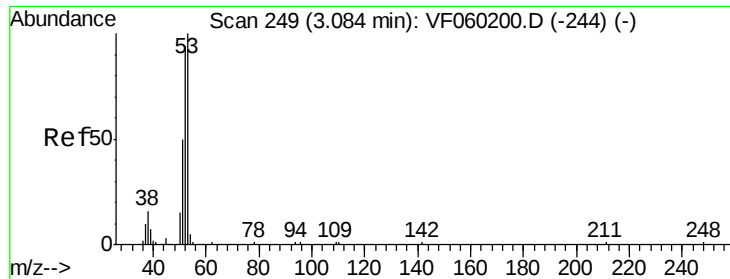
Ion Ratio Lower Upper

41 100

39 127.2 112.2 168.2

76 29.0 23.2 34.8





#15

Acrylonitrile

Concen: 312.53 ug/l

RT: 3.07 min Scan# 248

Delta R.T. -0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

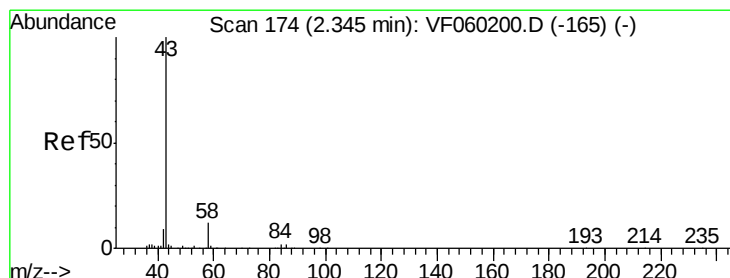
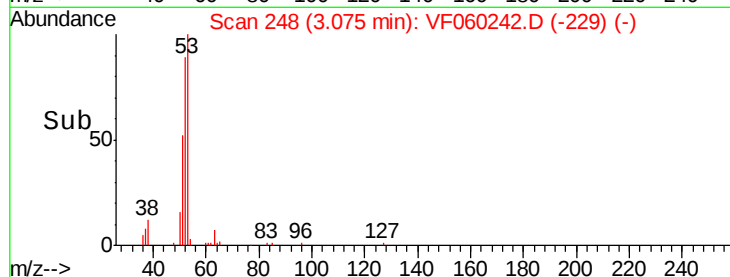
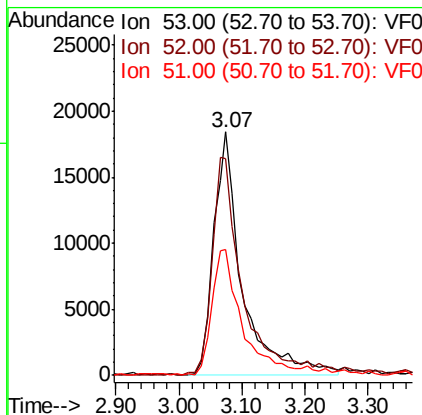
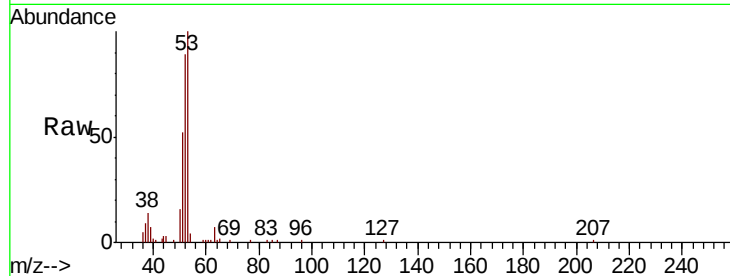
ClientSampleID :

J4803-17MS

Tot Ion:	53	Resp:	58561
Ion	Ratio	Lower	Upper
53	100		
52	89.3	75.0	112.6
51	51.7	39.9	59.9

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#16

Acetone

Concen: 332.66 ug/l

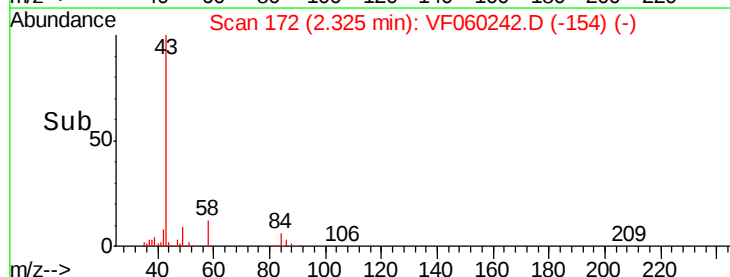
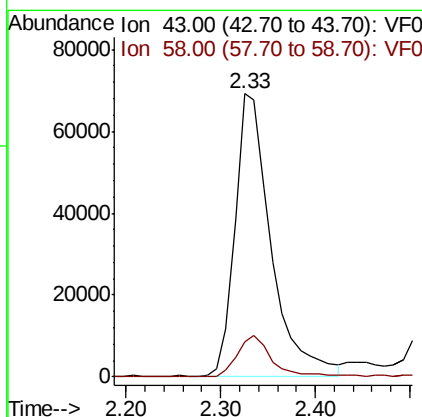
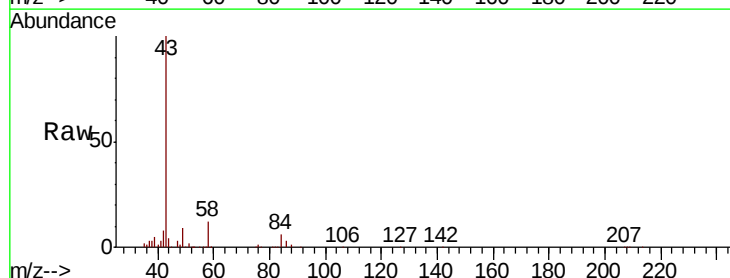
RT: 2.33 min Scan# 172

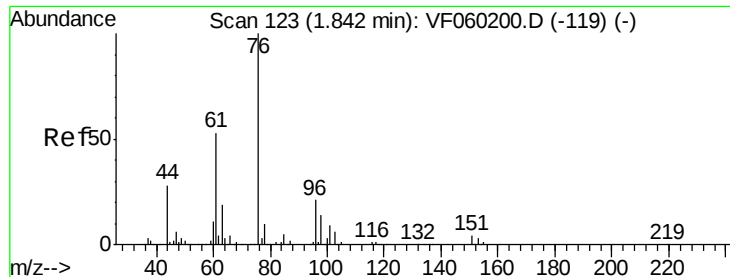
Delta R.T. -0.02 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Tgt Ion:	43	Resp:	182781
Ion	Ratio	Lower	Upper
43	100		
58	12.3	9.7	14.5





#17

Carbon Disulfide

Concen: 55.57 ug/l

RT: 1.84 min Scan# 123

Delta R.T. -0.00 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

ClientSampleId :

J4803-17MS

Tot Ion: 76 Resp: 164246

Ion Ratio Lower Upper

76 100

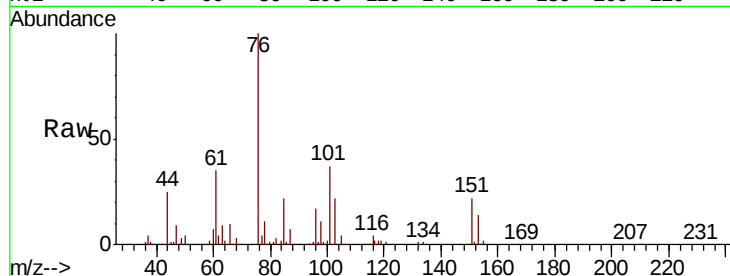
78 11.0 8.5 12.7

Manual Integrations

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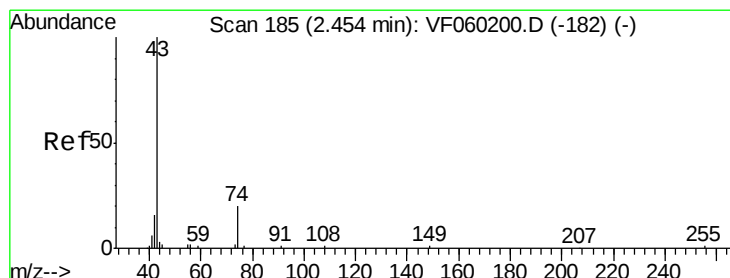
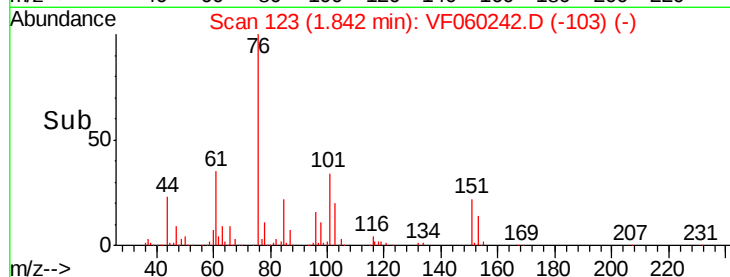
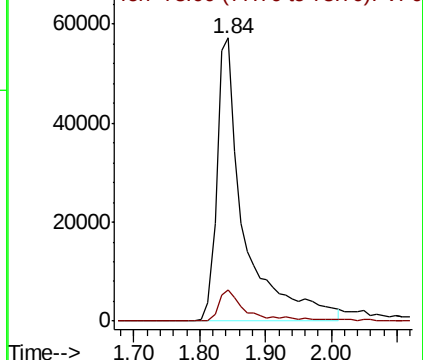
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Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#18

Methyl Acetate

Concen: 77.16 ug/l

RT: 2.52 min Scan# 192

Delta R.T. 0.07 min

Lab File: VF060242.D

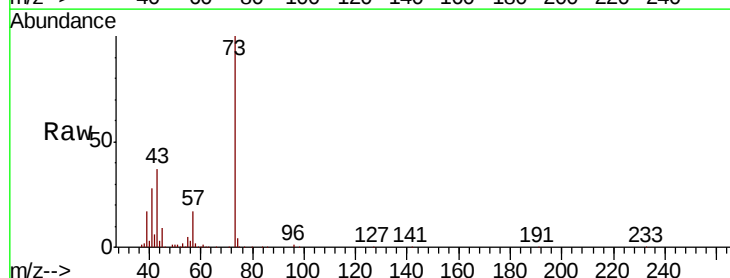
Acq: 10 Sep 2018 18:37

Tgt Ion: 43 Resp: 64262

Ion Ratio Lower Upper

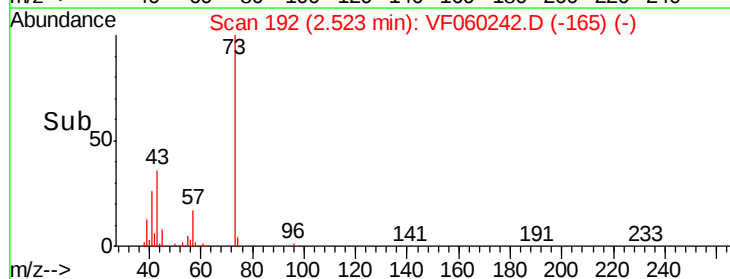
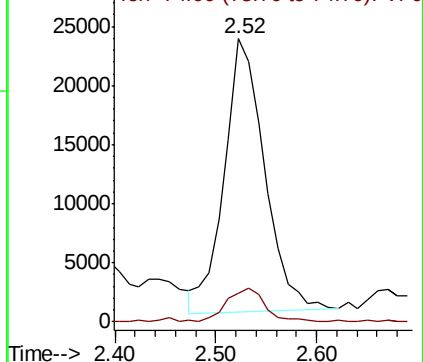
43 100

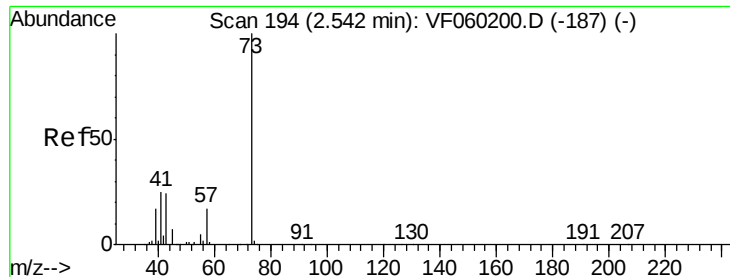
74 10.3 11.9 17.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0





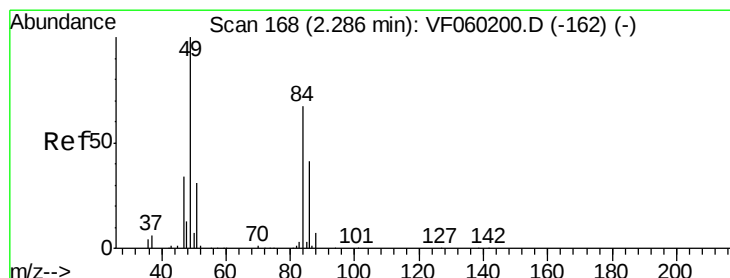
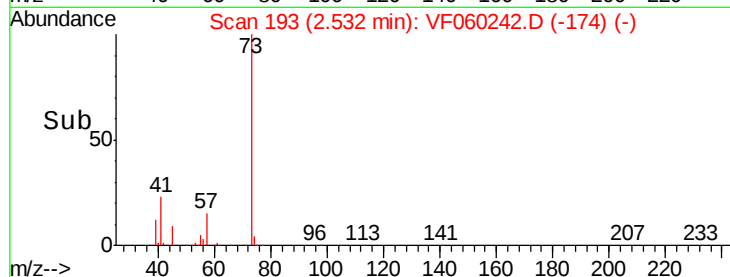
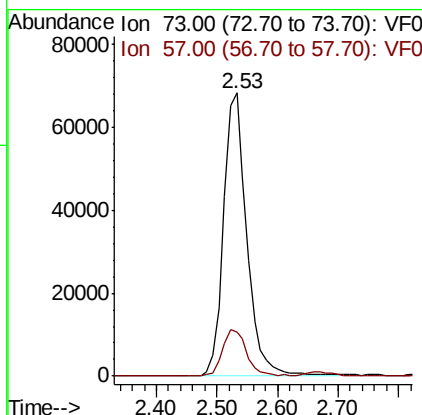
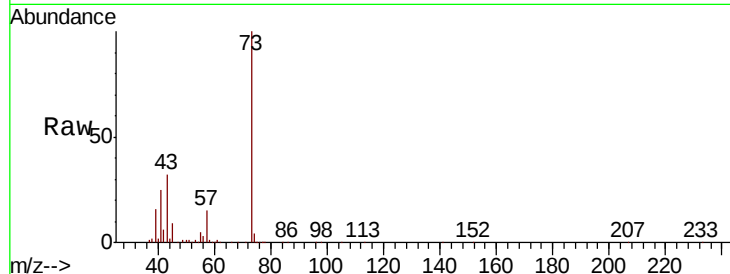
#19
Methyl tert-butyl Ether
Concen: 54.67 ug/l
RT: 2.53 min Scan# 193
Delta R.T. -0.01 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Instrument :
MSVOA_F
ClientSampleId :
J4803-17MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	15.4	14.3	21.5

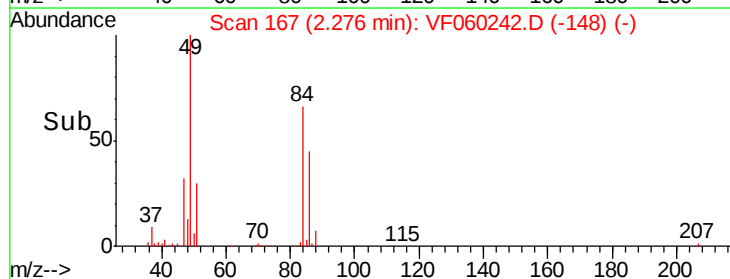
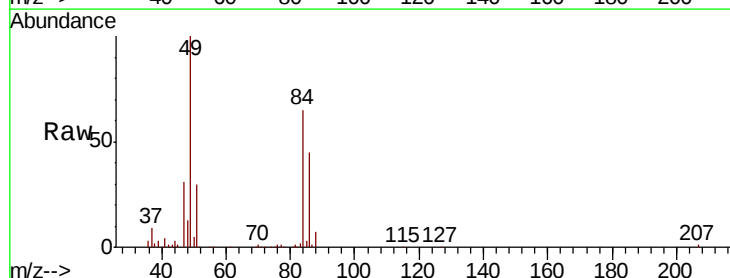
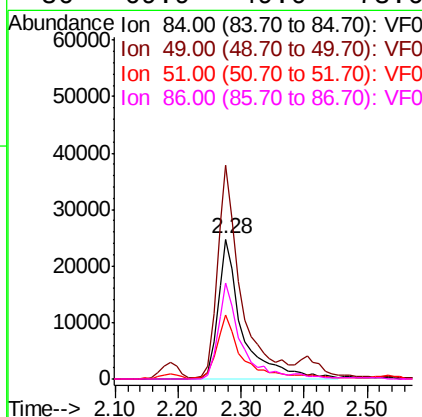
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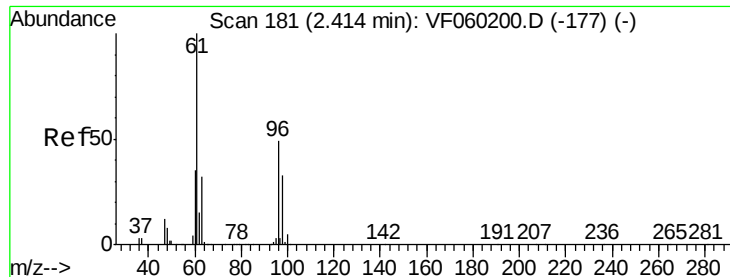
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#20
Methylene Chloride
Concen: 56.29 ug/l
RT: 2.28 min Scan# 167
Delta R.T. -0.01 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	153.1	120.1	180.1
51	46.3	37.0	55.6
86	69.9	49.0	73.6





#21

trans-1,2-Dichloroethene

Concen: 60.34 ug/l

RT: 2.40 min Scan# 180

Delta R.T. -0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

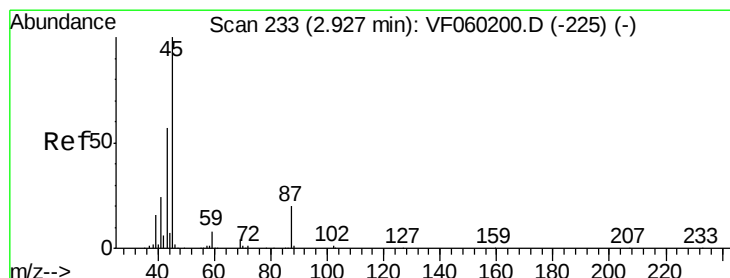
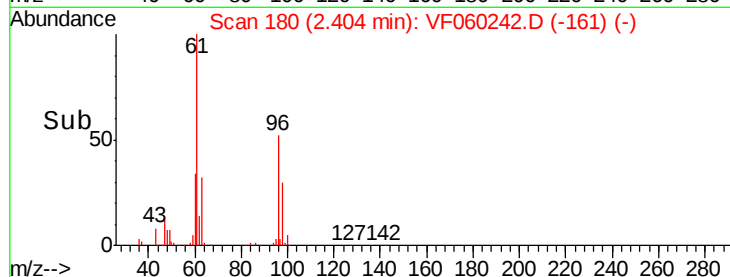
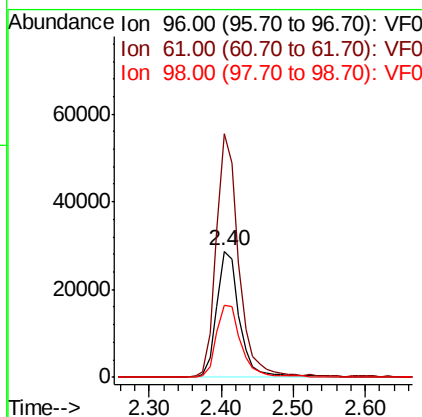
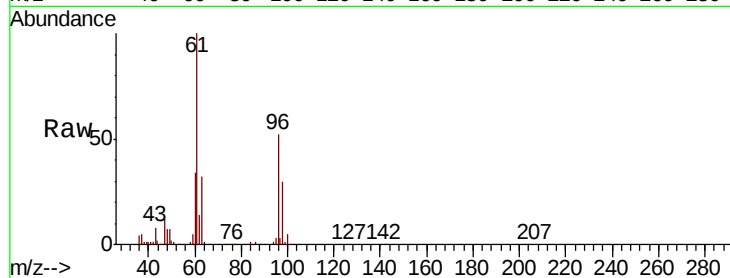
ClientSampleId :

J4803-17MS

Tot Ion:	96	Resp:	62608
Ion	Ratio	Lower	Upper
96	100		
61	193.4	163.1	244.7
98	57.2	54.1	81.1

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#22

Diisopropyl ether

Concen: 56.05 ug/l

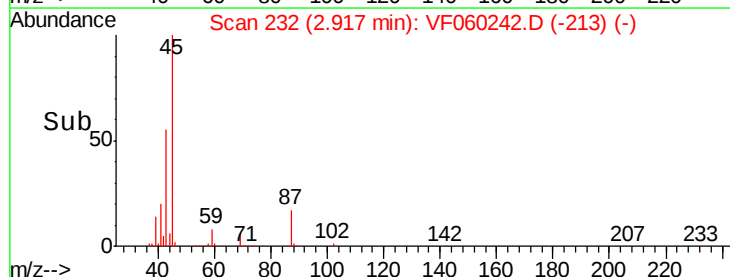
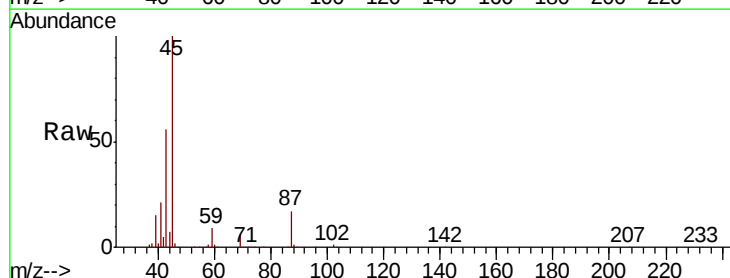
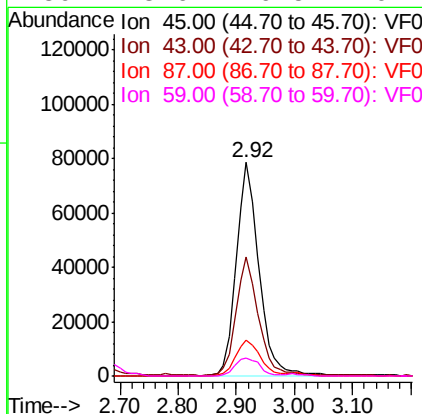
RT: 2.92 min Scan# 232

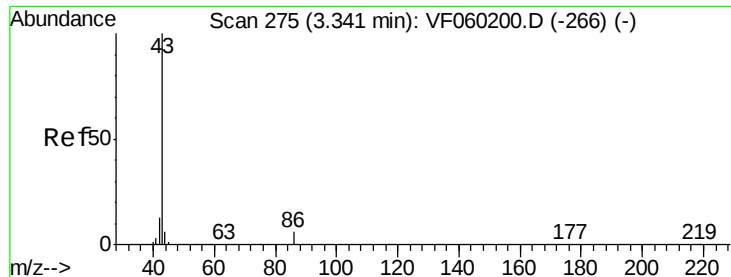
Delta R.T. -0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Tgt Ion:	45	Resp:	213631
Ion	Ratio	Lower	Upper
45	100		
43	56.0	46.2	69.4
87	17.0	16.1	24.1
59	8.6	6.5	9.7





#23

Vinyl Acetate

Concen: 22.92 ug/l

RT: 3.36 min Scan# 277

Delta R.T. 0.02 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

ClientSampled :

J4803-17MS

Tot Ion: 43 Resp: 225

Ion Ratio Lower Upper

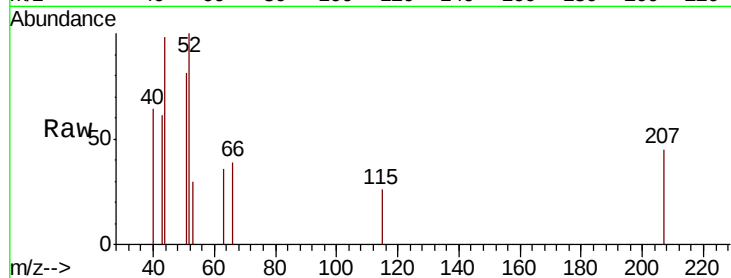
43 100

86 0.0 4.8 7.2#

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

3.36

250

200

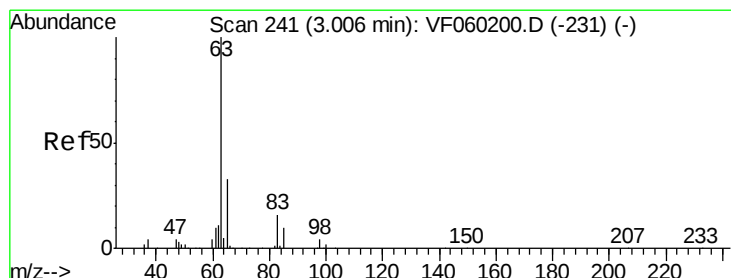
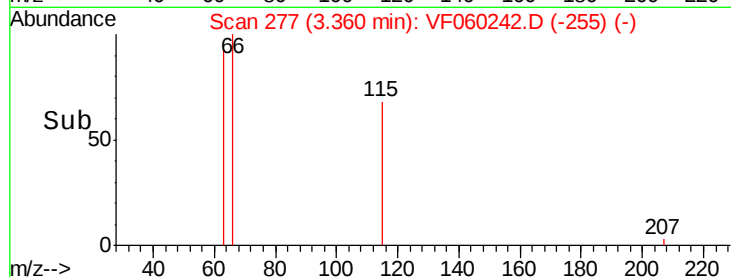
150

100

50

0

Time-->



#24

1,1-Dichloroethane

Concen: 62.28 ug/l

RT: 3.00 min Scan# 240

Delta R.T. -0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

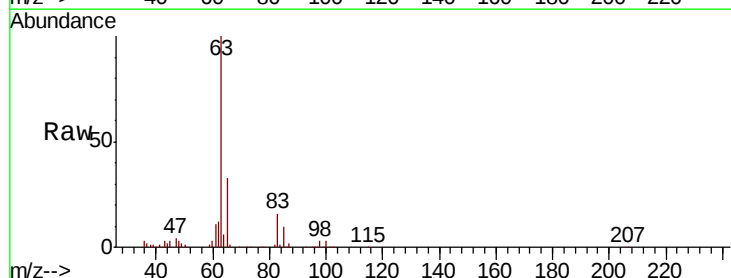
Tgt Ion: 63 Resp: 154389

Ion Ratio Lower Upper

63 100

98 3.2 1.9 5.7

100 2.6 1.1 3.1



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

80000

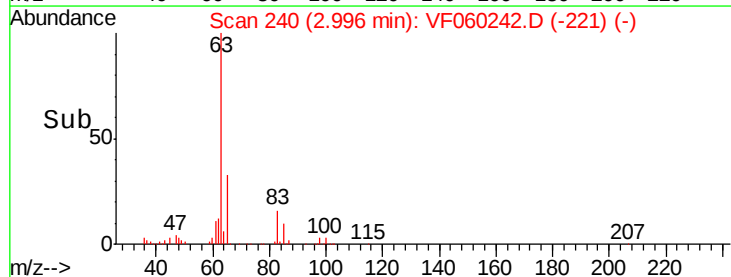
60000

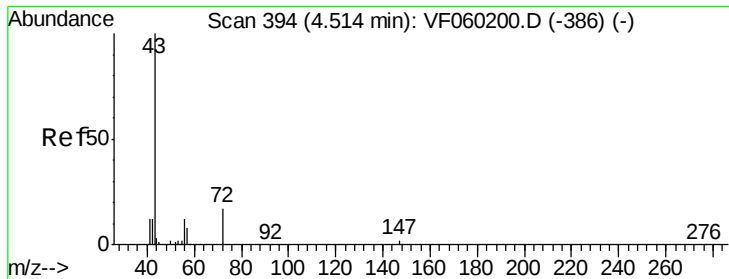
40000

20000

0

Time-->





#25

2-Butanone

Concen: 278.70 ug/l

RT: 4.50 min Scan# 393

Delta R.T. -0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

ClientSampleId :

J4803-17MS

Tot Ion: 43 Resp: 193058

Ion Ratio Lower Upper

43 100

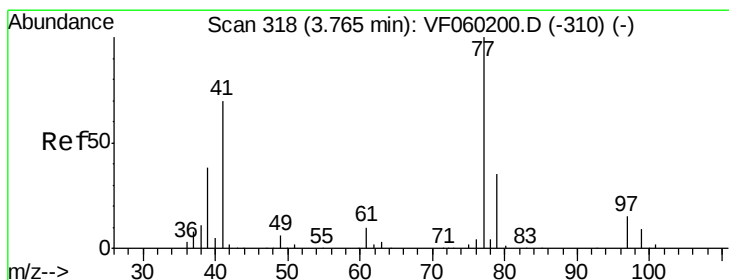
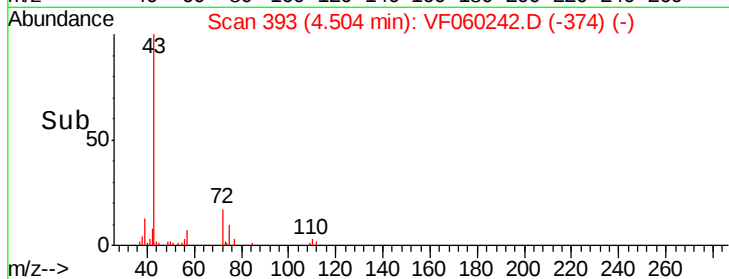
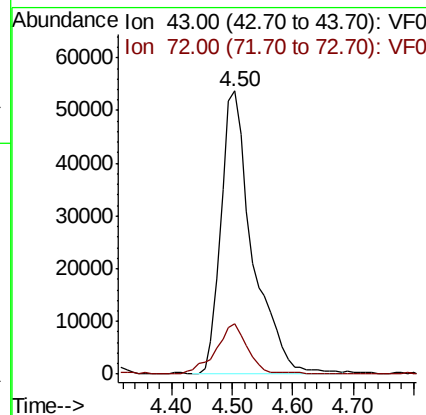
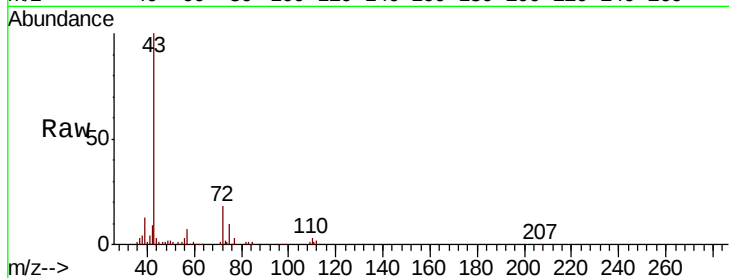
72 17.8 14.8 22.2

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#26

2,2-Dichloropropane

Concen: 44.48 ug/l

RT: 3.75 min Scan# 317

Delta R.T. -0.01 min

Lab File: VF060242.D

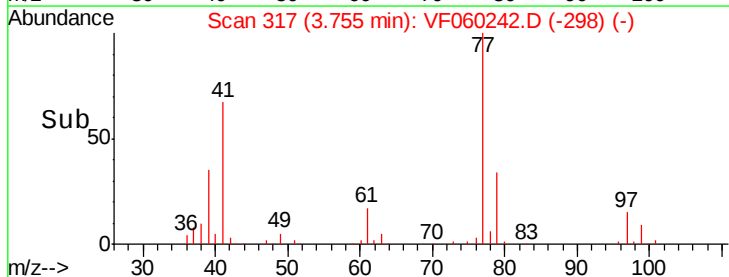
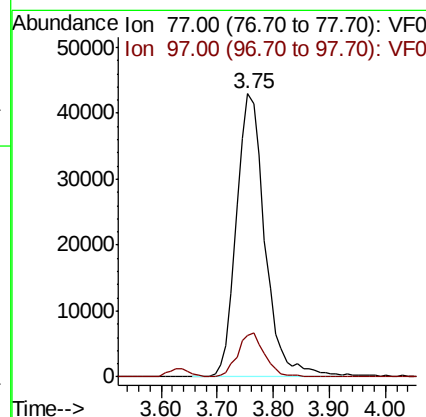
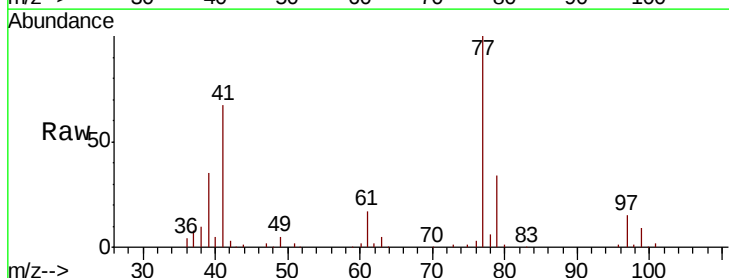
Acq: 10 Sep 2018 18:37

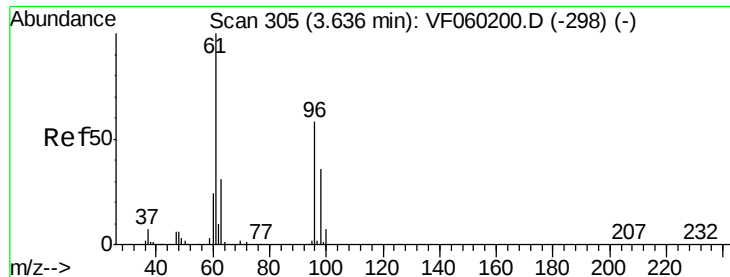
Tgt Ion: 77 Resp: 152287

Ion Ratio Lower Upper

77 100

97 14.6 7.5 22.5





#27

cis-1,2-Dichloroethene

Concen: 59.85 ug/l

RT: 3.63 min Scan# 304

Delta R.T. -0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

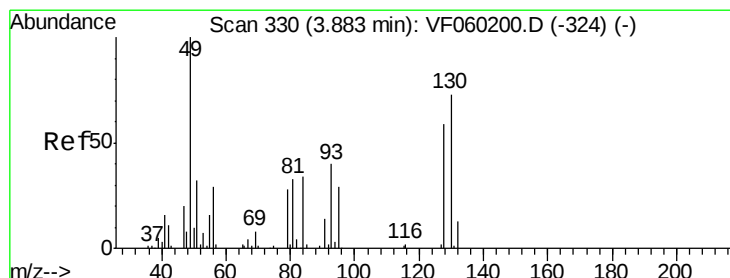
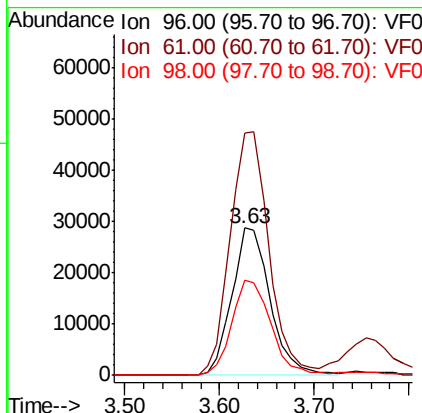
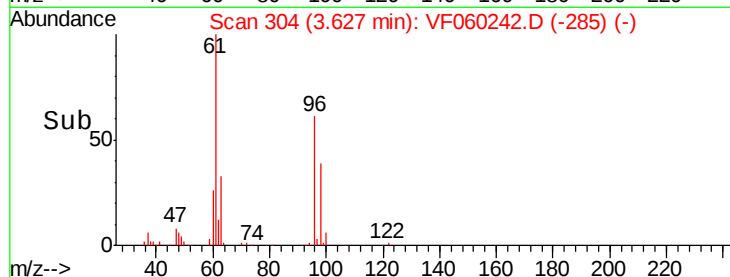
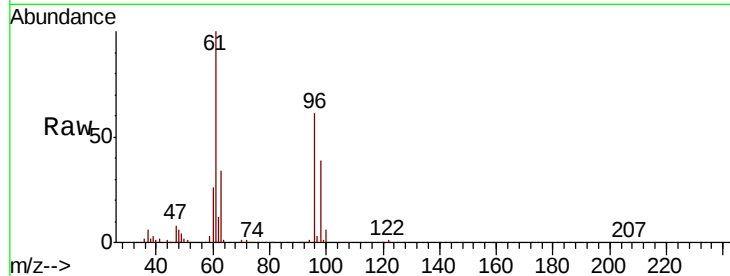
ClientSampleId :

J4803-17MS

Tot Ion:	96	Resp:	81050
Ion	Ratio	Lower	Upper
96	100		
61	164.5	0.0	345.2
98	64.4	0.0	124.6

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#28

Bromochloromethane

Concen: 51.61 ug/l

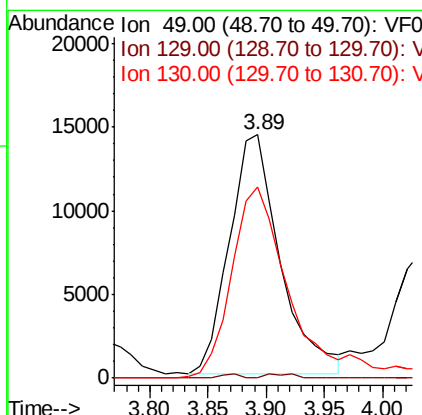
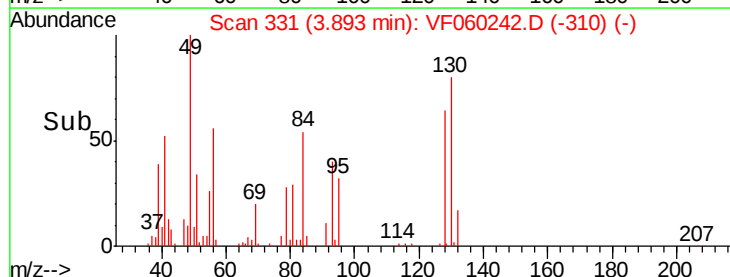
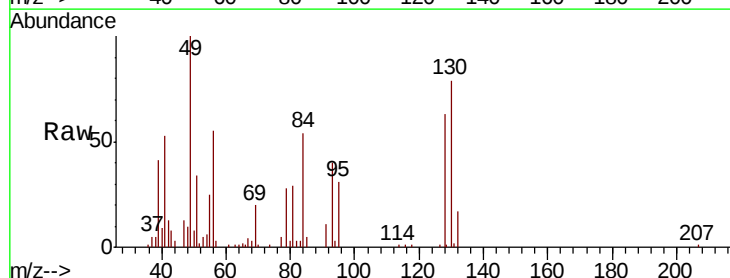
RT: 3.89 min Scan# 331

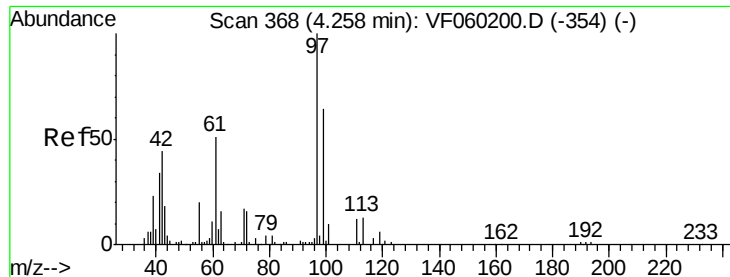
Delta R.T. 0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Tgt Ion:	49	Resp:	43569
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	78.6	57.8	86.6





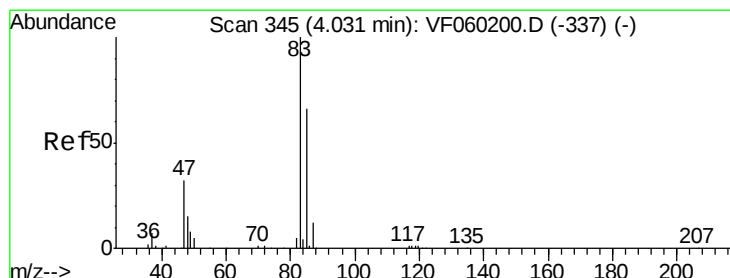
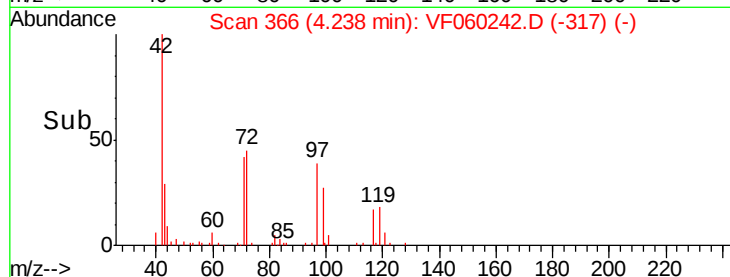
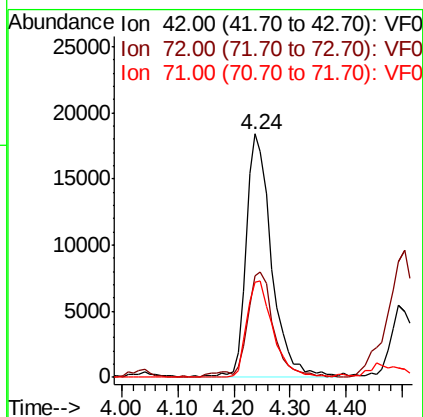
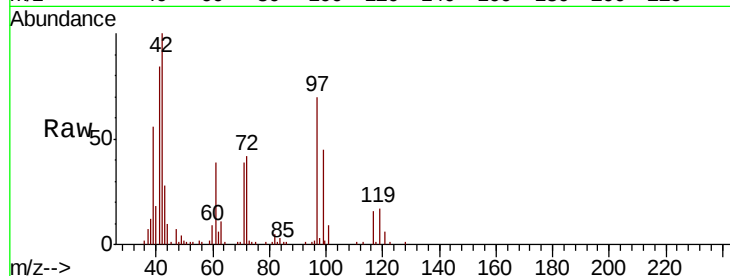
#29
Tetrahydrofuran
Concen: 252.07 ug/l
RT: 4.24 min Scan# 366
Delta R.T. -0.02 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Instrument :
MSVOA_F
ClientSampleId :
J4803-17MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	27.4	41.0#
71	41.0	28.5	42.7

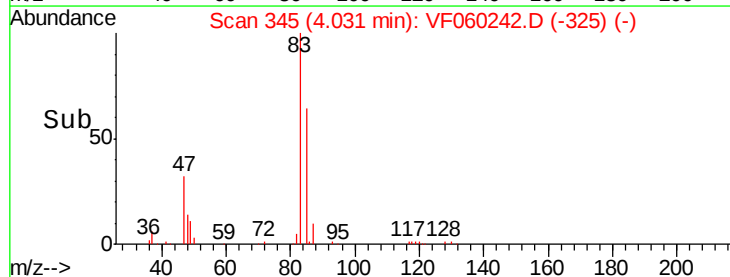
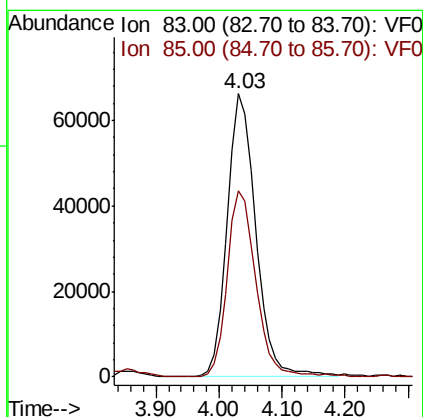
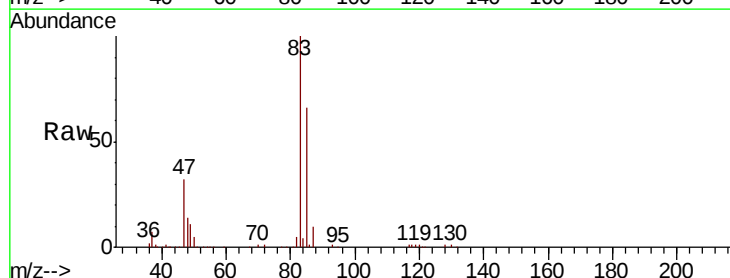
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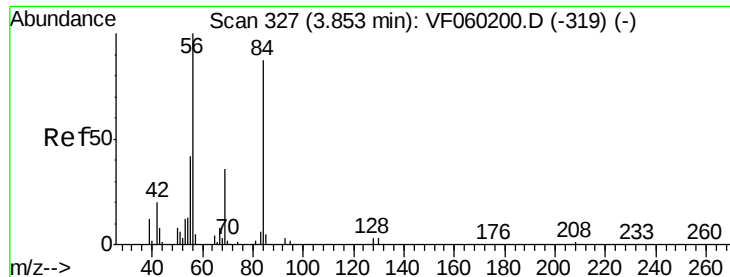
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#30
Chloroform
Concen: 57.41 ug/l
RT: 4.03 min Scan# 345
Delta R.T. -0.00 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.6	79.0





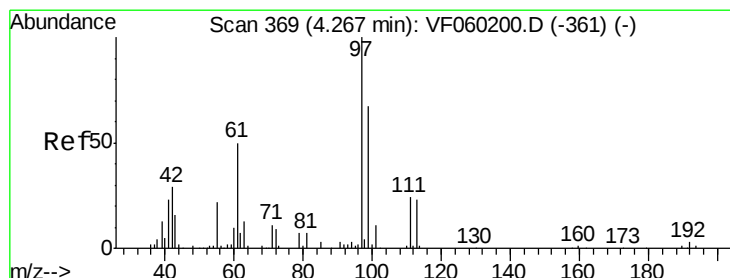
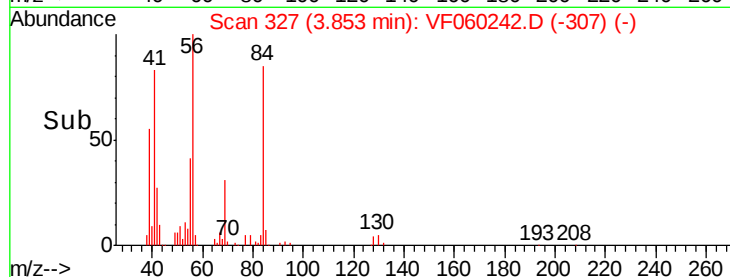
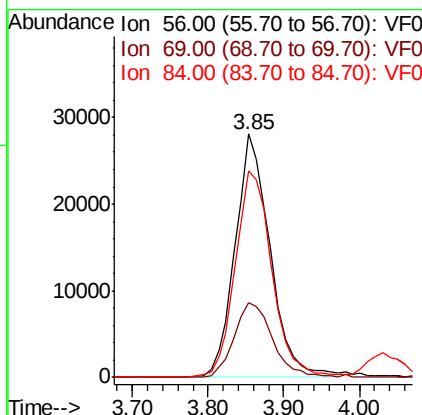
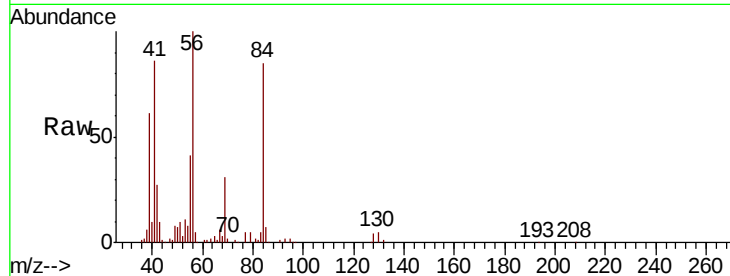
#31
Cyclohexane
Concen: 53.22 ug/l
RT: 3.85 min Scan# 327
Delta R.T. -0.00 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Instrument :
MSVOA_F
ClientSampleId :
J4803-17MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	28.7	43.1
84	85.0	69.7	104.5

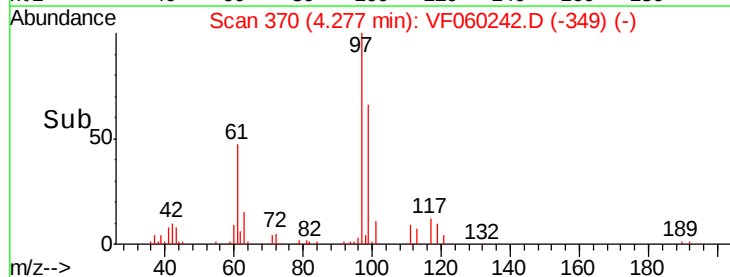
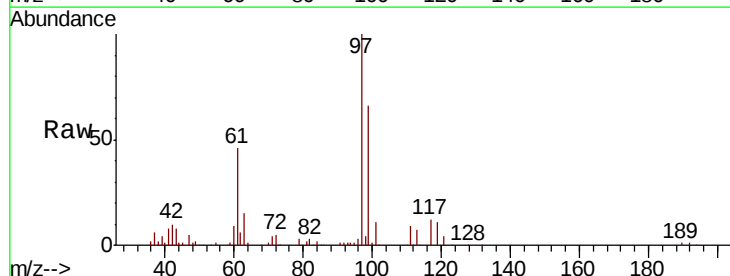
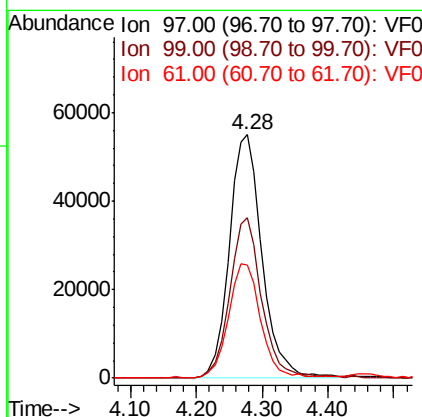
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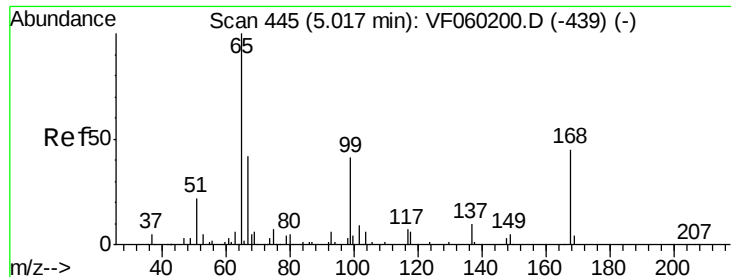
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#32
1,1,1-Trichloroethane
Concen: 52.78 ug/l
RT: 4.28 min Scan# 370
Delta R.T. 0.01 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.9	53.5	80.3
61	46.5	40.4	60.6





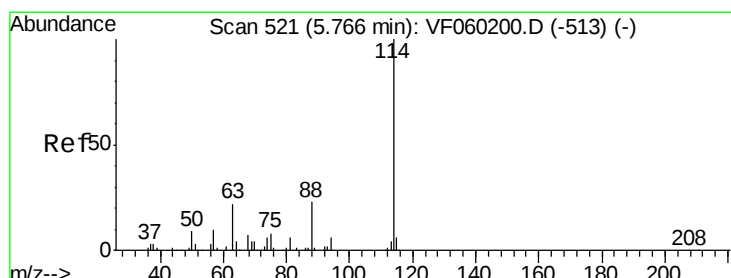
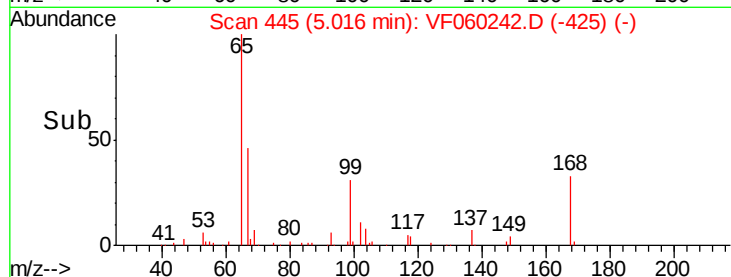
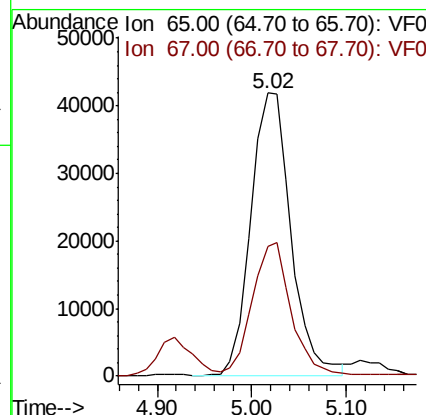
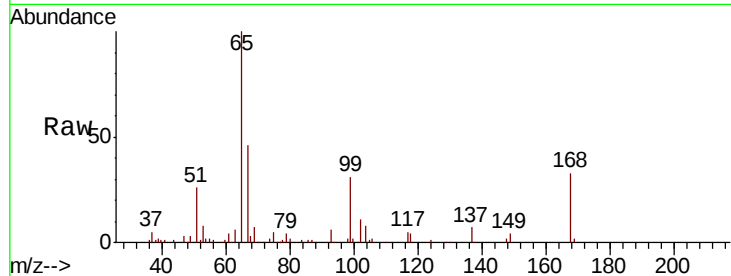
#33
 1,2-Dichloroethane-d4
 Concen: 49.95 ug/l
 RT: 5.02 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: VF060242.D
 Acq: 10 Sep 2018 18:37

Instrument :
 MSVOA_F
 ClientSampleId :
 J4803-17MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	123098		
67	45.7	0.0	87.2	

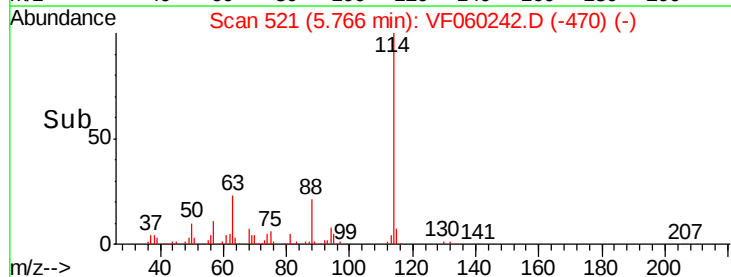
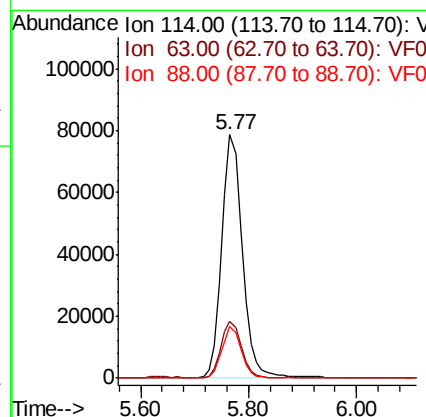
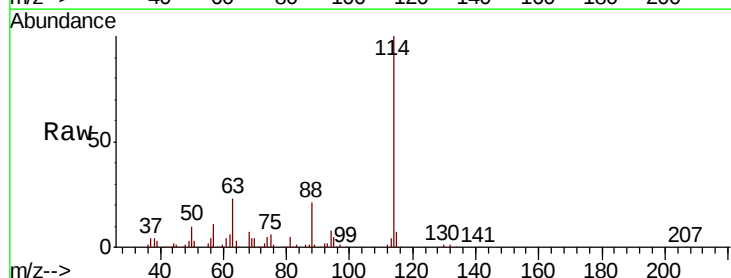
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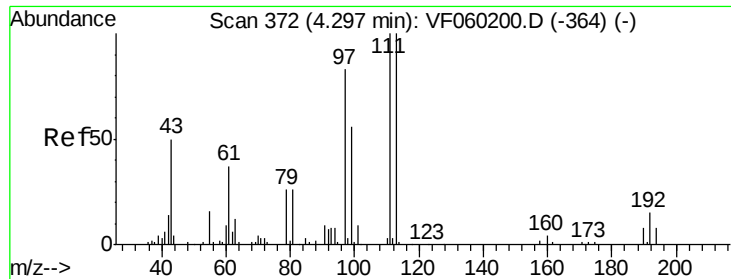
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: VF060242.D
 Acq: 10 Sep 2018 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	208906		
63	23.2	0.0	45.6	
88	21.1	0.0	46.4	





#35

Dibromofluoromethane

Concen: 8.67 ug/l

RT: 4.29 min Scan# 371

Delta R.T. -0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

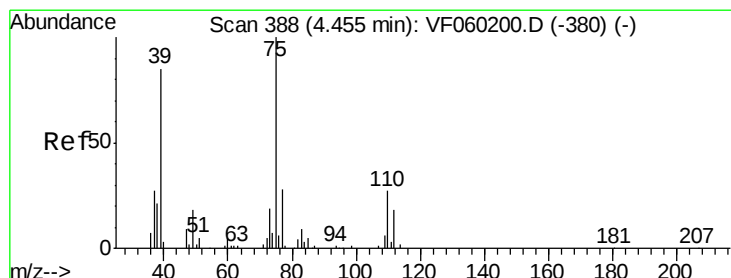
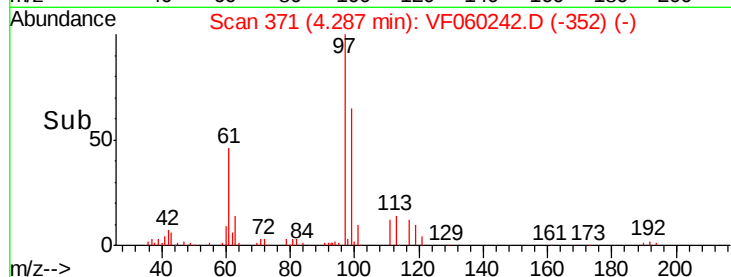
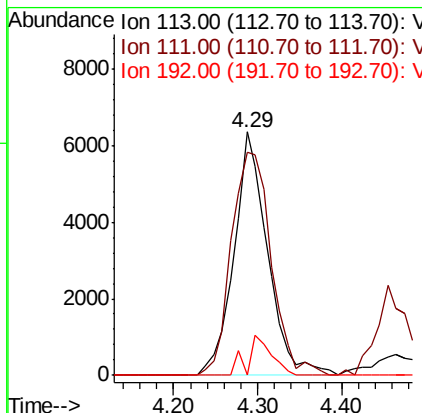
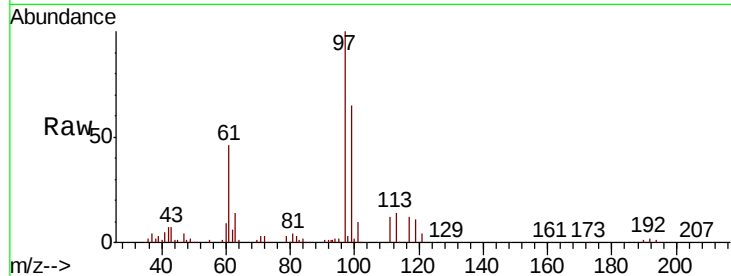
ClientSampleId :

J4803-17MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	91.5	80.2	120.2
192	0.0	11.8	17.8

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#36

1,1-Dichloropropene

Concen: 52.50 ug/l

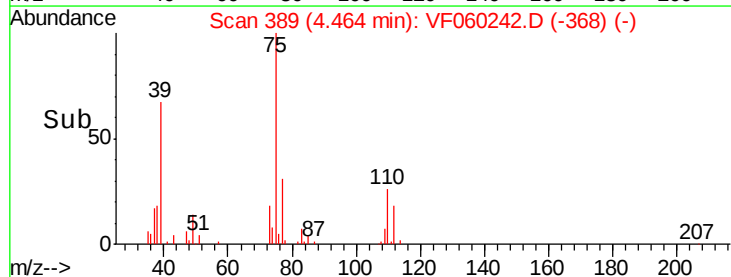
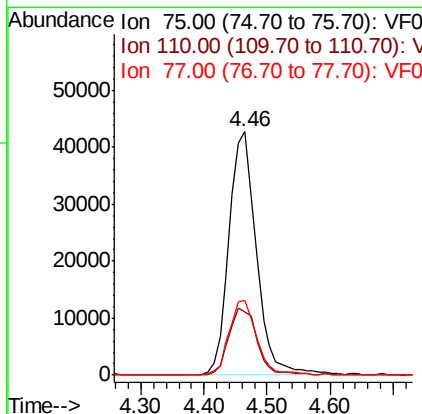
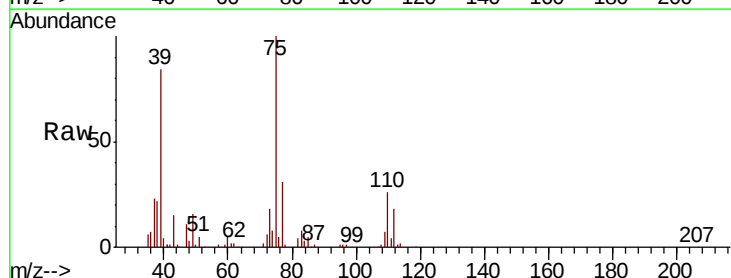
RT: 4.46 min Scan# 389

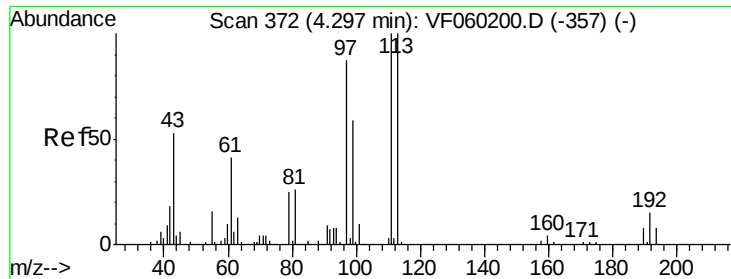
Delta R.T. 0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	26.1	13.6	40.7
77	30.7	22.7	34.1





#37

Ethyl Acetate

Concen: 17.78 ug/l

RT: 4.25 min Scan# 367

Delta R.T. -0.05 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

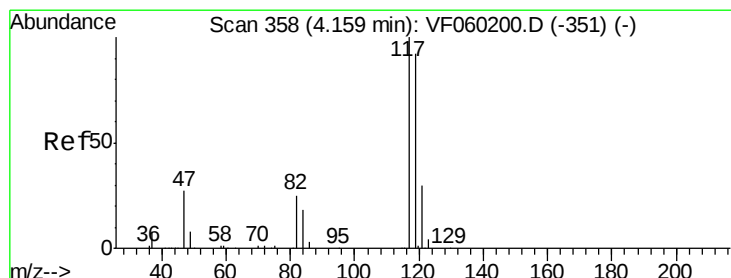
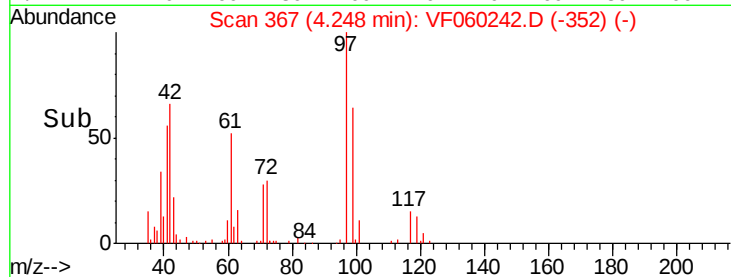
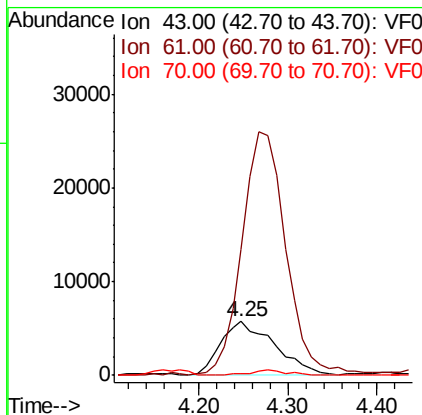
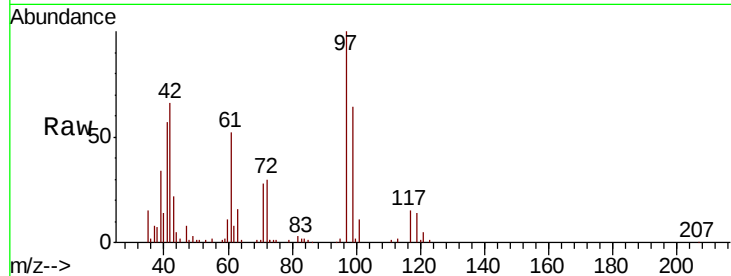
ClientSampleId :

J4803-17MS

Tot Ion:	43	Resp:	24373
Ion	Ratio	Lower	Upper
43	100		
61	234.4	61.6	92.4#
70	4.1	6.9	10.3#

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#38

Carbon Tetrachloride

Concen: 47.31 ug/l

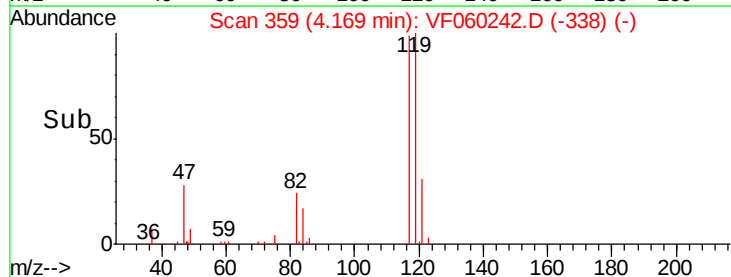
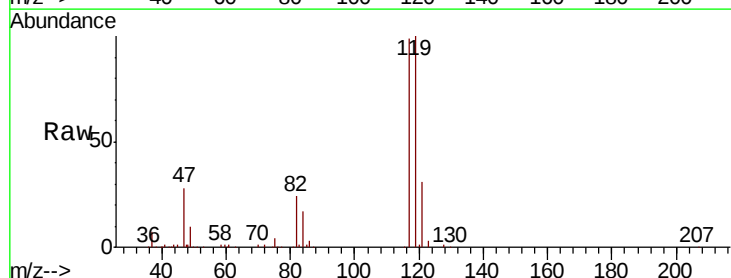
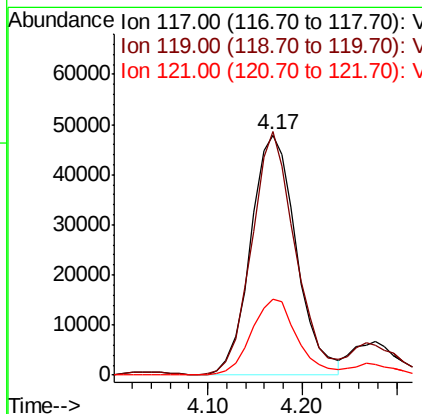
RT: 4.17 min Scan# 359

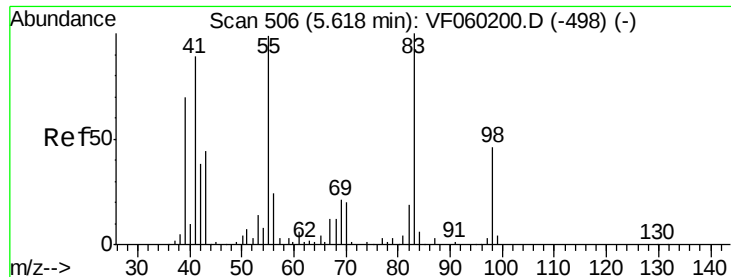
Delta R.T. 0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Tgt Ion:	117	Resp:	159922
Ion	Ratio	Lower	Upper
117	100		
119	101.4	73.0	109.6
121	31.5	23.9	35.9





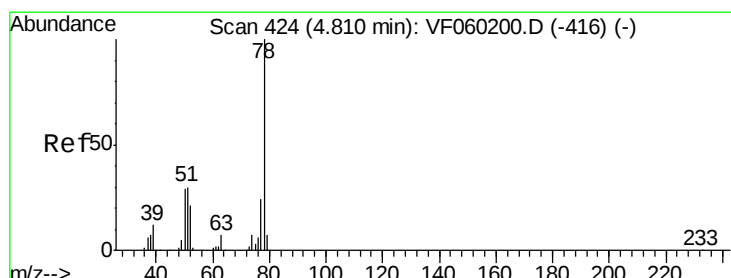
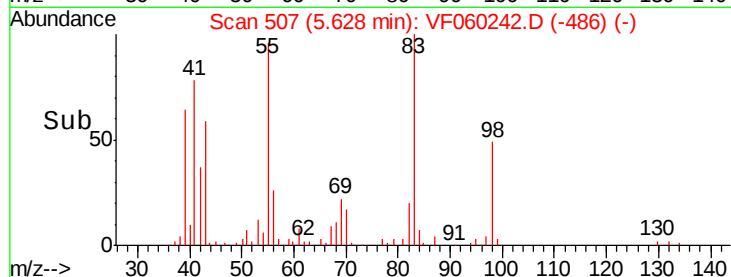
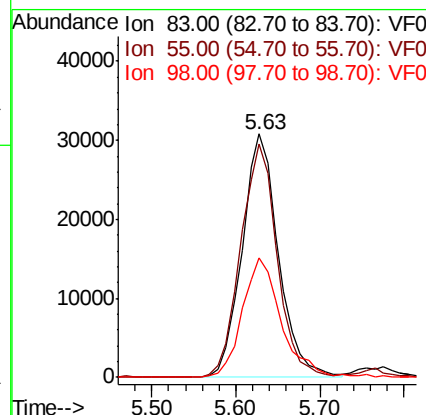
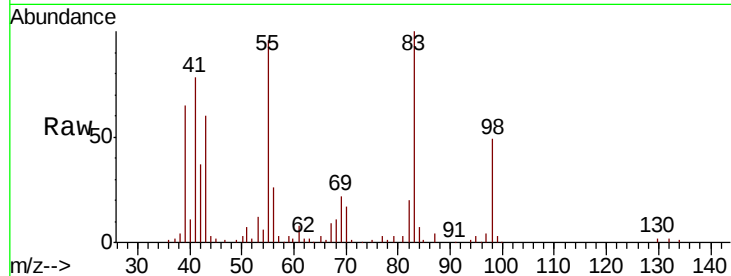
#39
Methvlcvclohexane
Concen: 45.05 ug/l
RT: 5.63 min Scan# 507
Delta R.T. 0.01 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Instrument :
MSVOA_F
ClientSampleId :
J4803-17MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	95.8	79.0	118.4
98	48.9	36.7	55.1

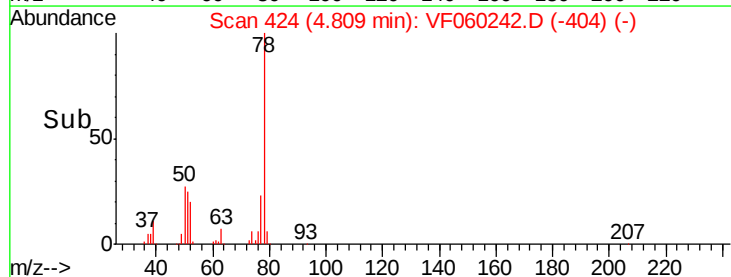
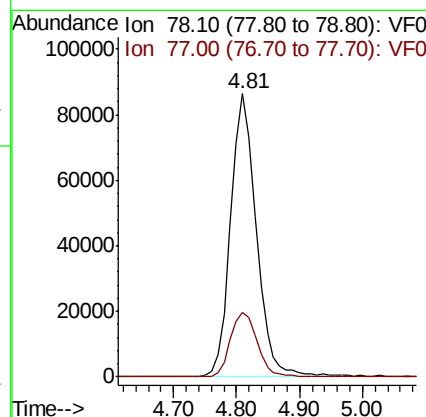
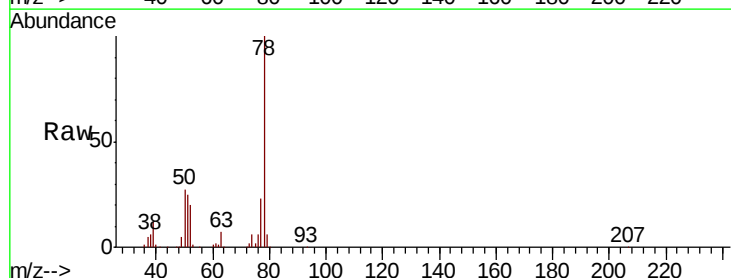
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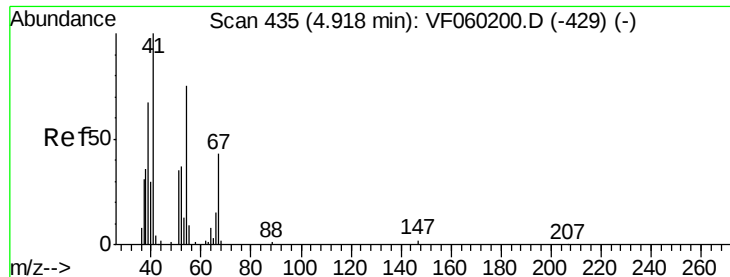
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#40
Benzene
Concen: 55.74 ug/l
RT: 4.81 min Scan# 424
Delta R.T. -0.00 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.4





#41

Methacrylonitrile

Concen: 49.91 ug/l

RT: 4.92 min Scan# 435

Delta R.T. -0.00 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

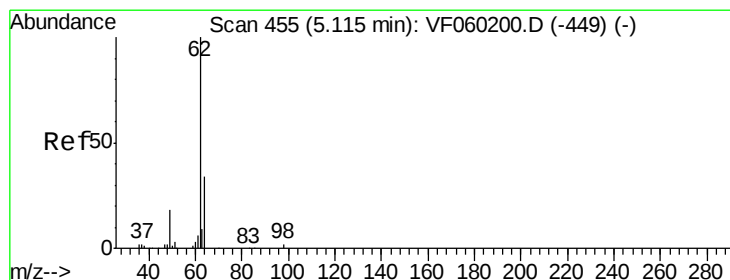
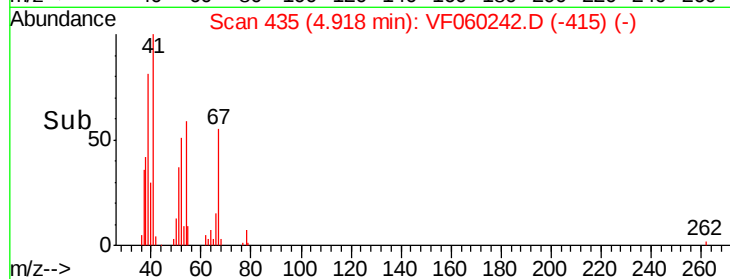
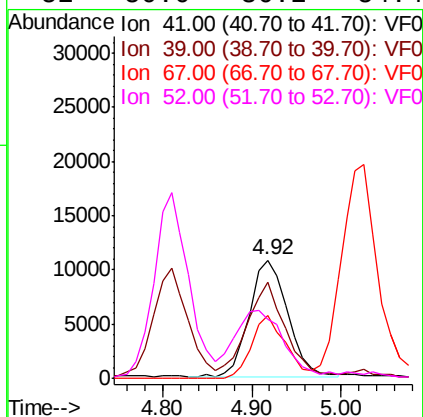
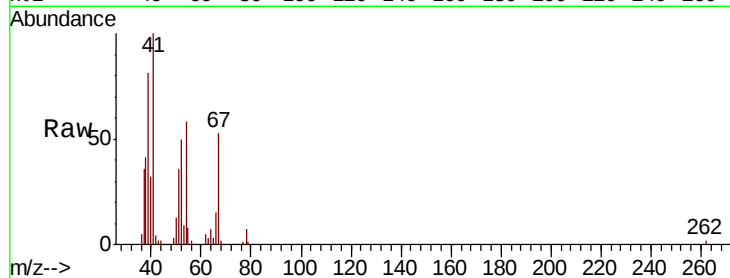
ClientSampled :

J4803-17MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	81.0	57.4	86.2
67	53.3	34.6	52.0
52	50.0	36.2	54.4

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#42

1,2-Dichloroethane

Concen: 52.09 ug/l

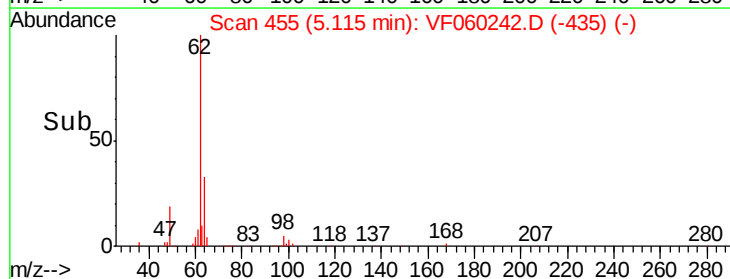
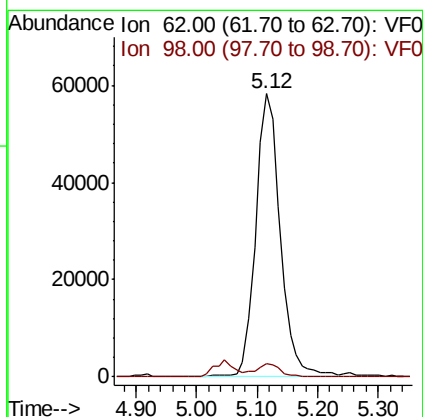
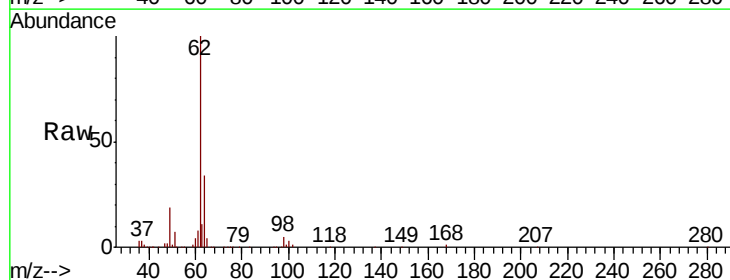
RT: 5.12 min Scan# 455

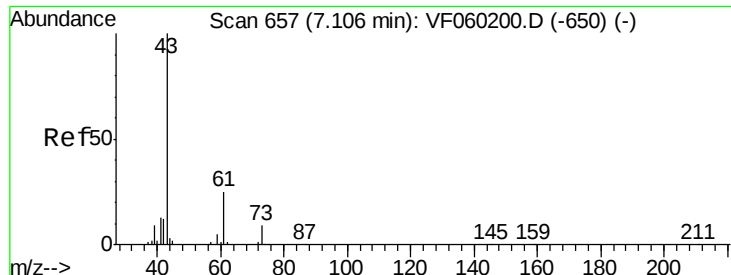
Delta R.T. -0.00 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.6	0.0	8.8





#43

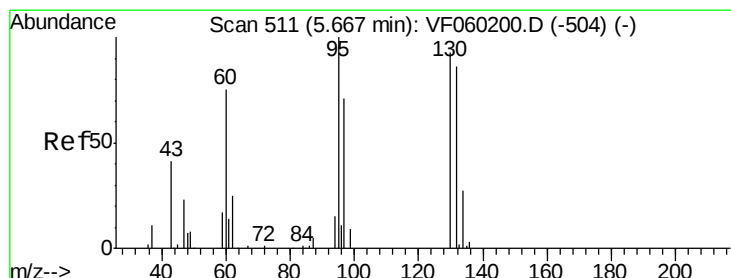
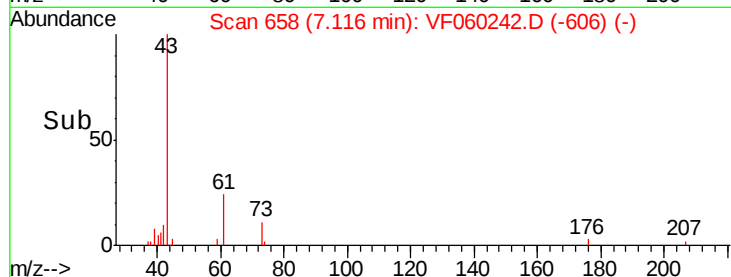
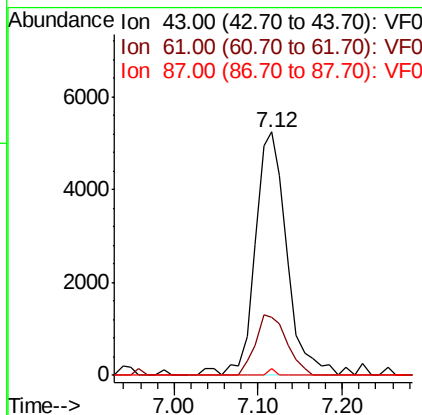
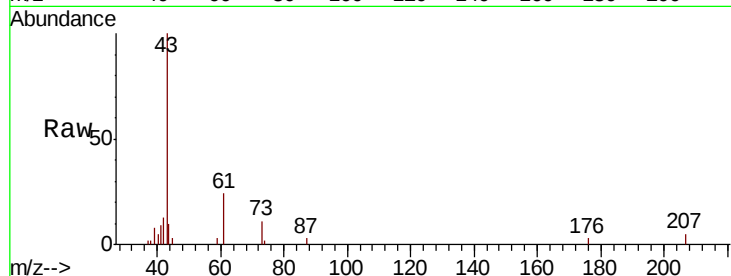
Isopropyl Acetate
 Concen: 9.69 ug/l
 RT: 7.12 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VF060242.D
 Acq: 10 Sep 2018 18:37

Instrument :
 MSVOA_F
 ClientSampleId :
 J4803-17MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.0	19.9	29.9
87	2.7	0.4	0.6

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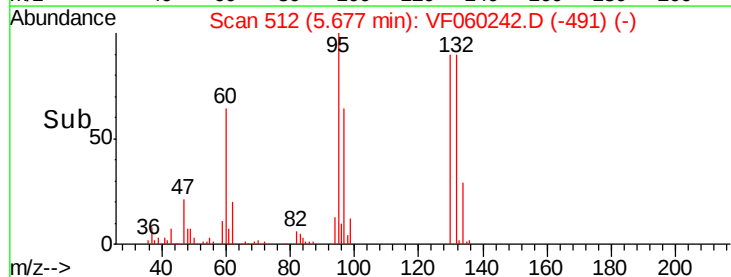
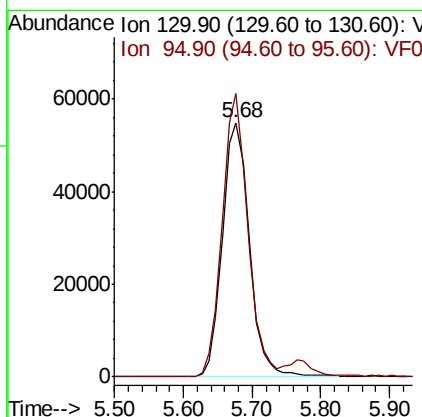
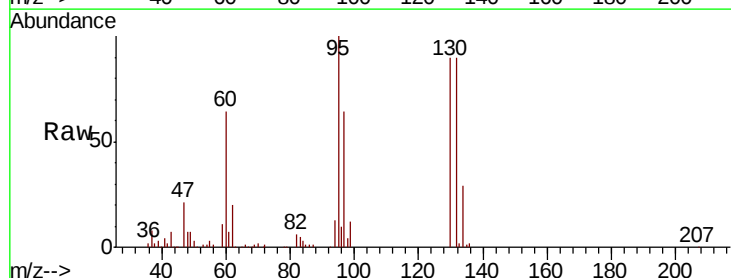
apatel
 9/11/2018 11:08:00 AM

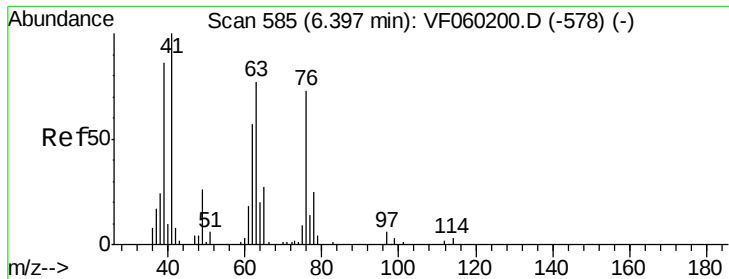


#44

Trichloroethene
 Concen: 84.64 ug/l
 RT: 5.68 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: VF060242.D
 Acq: 10 Sep 2018 18:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	111.3	0.0	215.4





#45

1,2-Dichloropropane

Concen: 54.49 ug/l

RT: 6.41 min Scan# 586

Delta R.T. 0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

ClientSampleId :

J4803-17MS

Tot Ion: 63 Resp: 67845

Ion Ratio Lower Upper

63 100

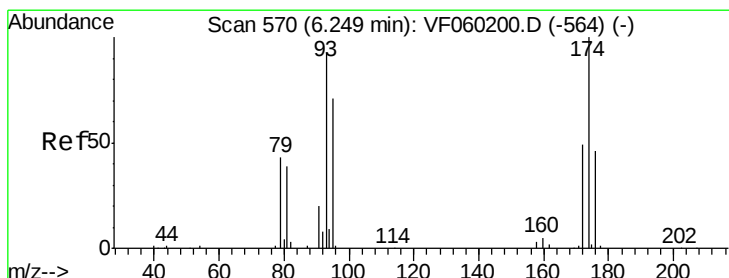
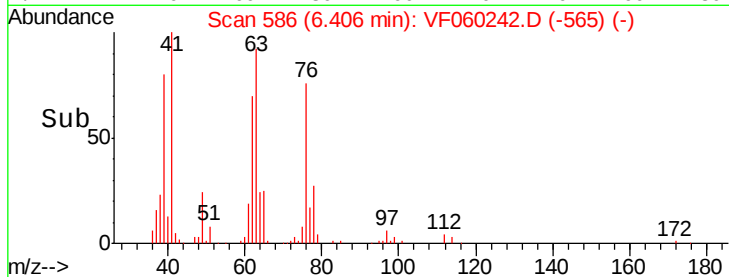
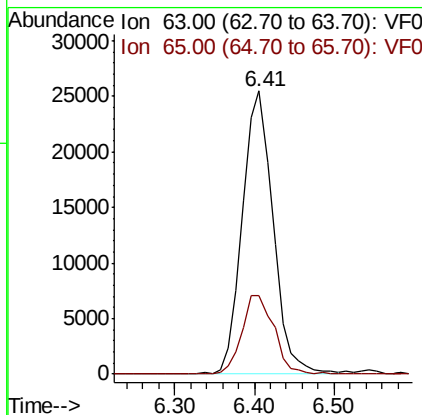
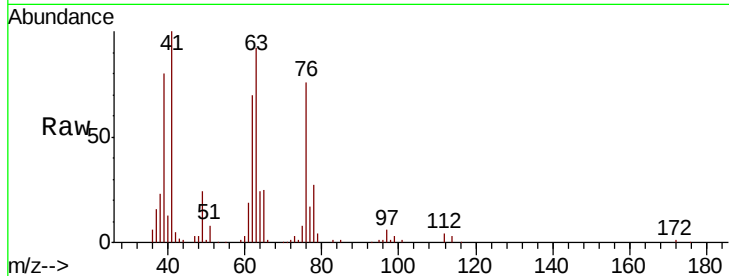
65 27.7 27.9 41.9#

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#46

Dibromomethane

Concen: 53.74 ug/l

RT: 6.26 min Scan# 571

Delta R.T. 0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

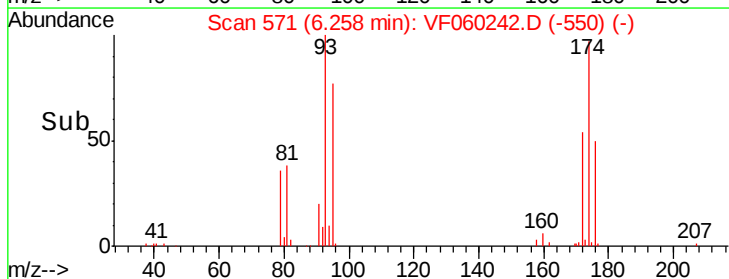
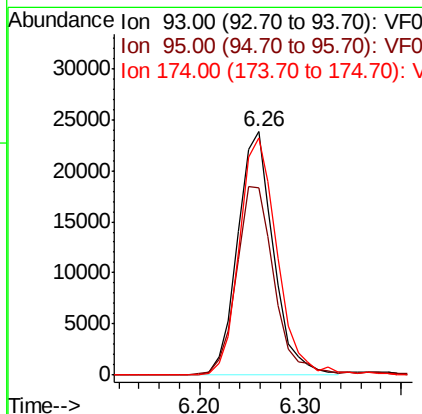
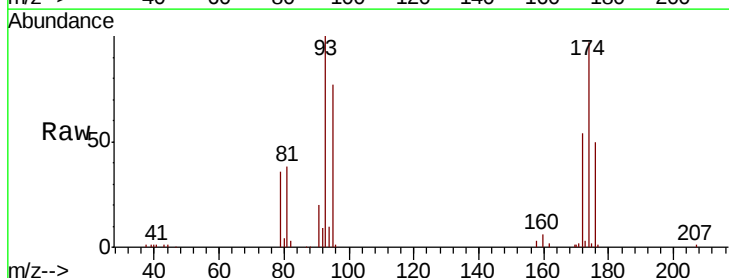
Tgt Ion: 93 Resp: 58915

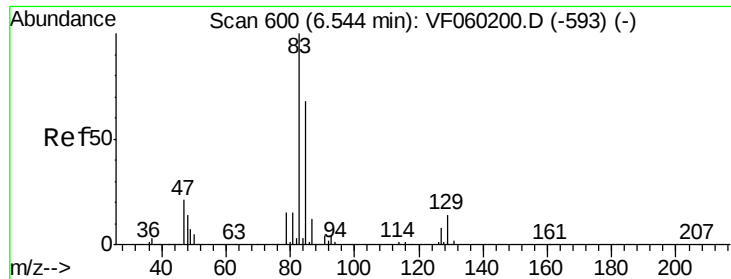
Ion Ratio Lower Upper

93 100

95 77.1 61.4 92.2

174 97.2 85.9 128.9





#47

Bromodichloromethane

Concen: 51.20 ug/l

RT: 6.55 min Scan# 601

Delta R.T. 0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

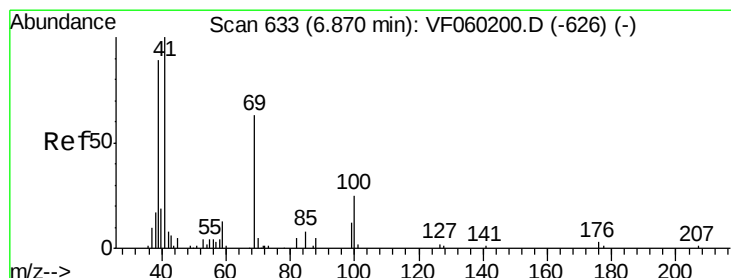
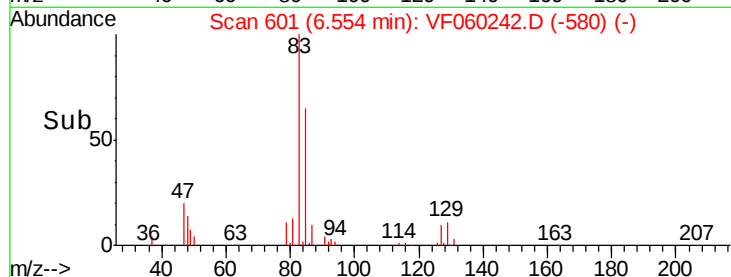
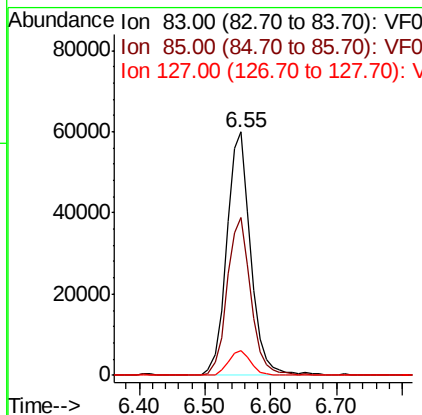
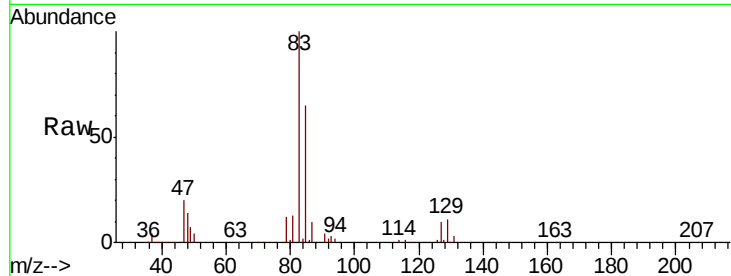
ClientSampleId :

J4803-17MS

Tot Ion:	83	Resp:	152352
Ion Ratio	Lower	Upper	
83	100		
85	64.7	54.0	81.0
127	10.4	6.6	9.8#

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#48

Methyl methacrylate

Concen: 13.34 ug/l

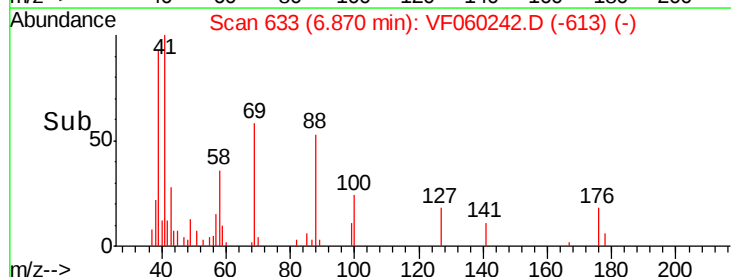
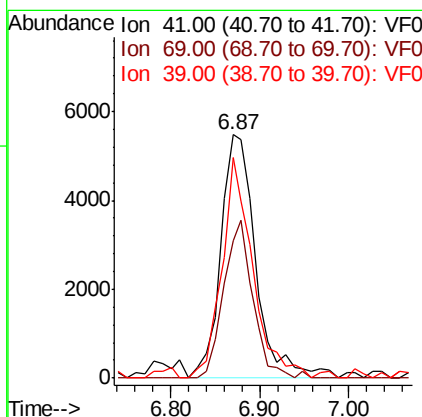
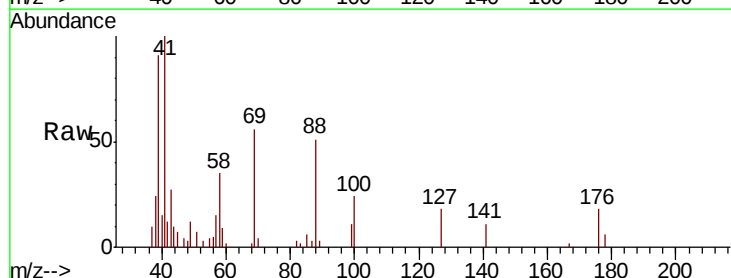
RT: 6.87 min Scan# 633

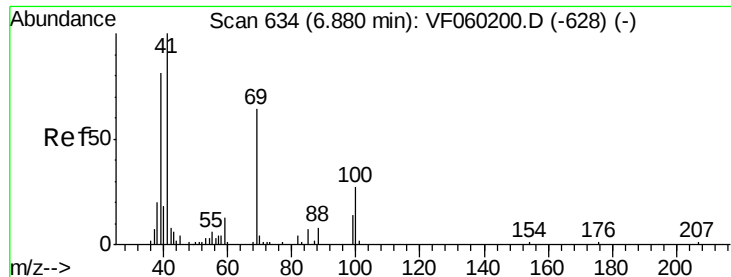
Delta R.T. -0.00 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Tgt Ion:	41	Resp:	15160
Ion Ratio	Lower	Upper	
41	100		
69	56.4	50.4	75.6
39	90.7	70.6	106.0





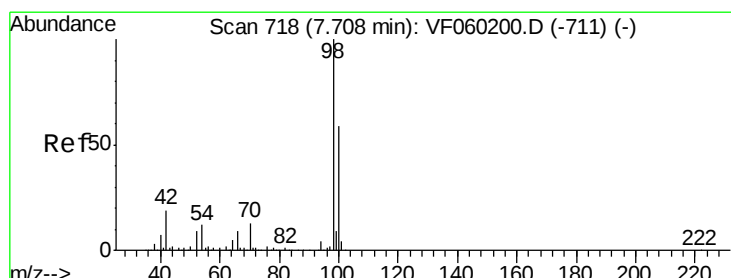
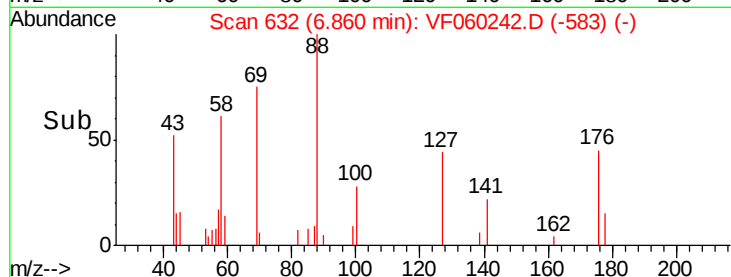
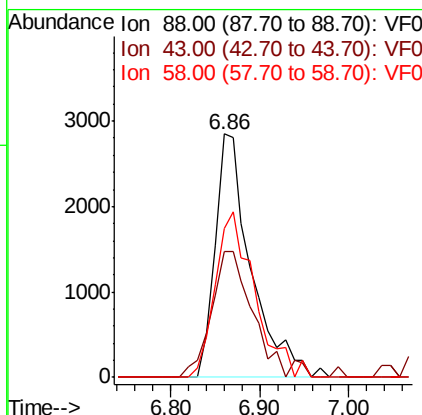
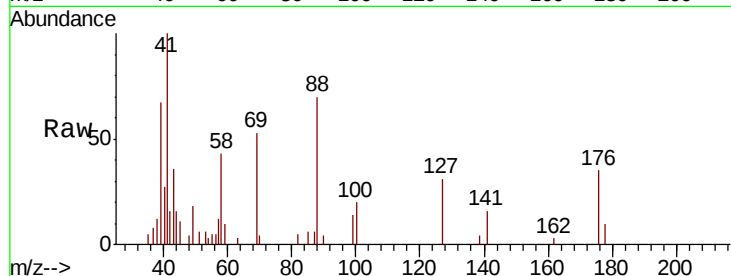
#49
1,4-Dioxane
Concen: 481.69 ug/l
RT: 6.86 min Scan# 632
Delta R.T. -0.02 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Instrument :
MSVOA_F
ClientSampleId :
J4803-17MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	51.5	68.1	102.1#
58	61.2	38.1	57.1#

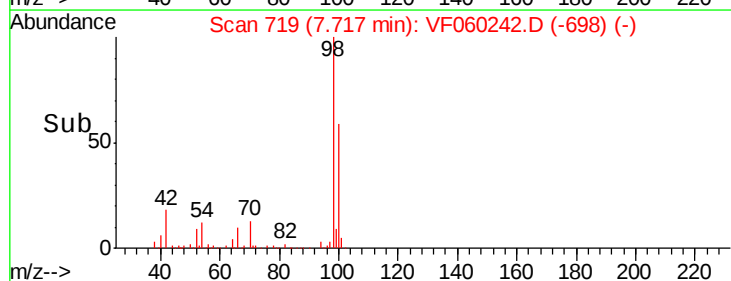
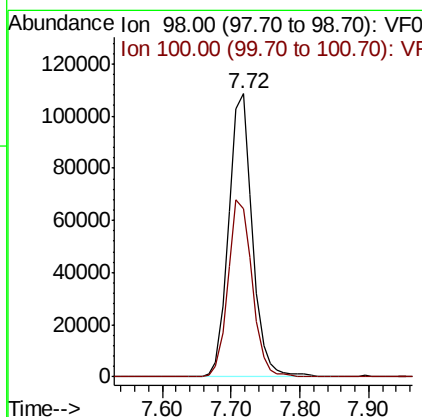
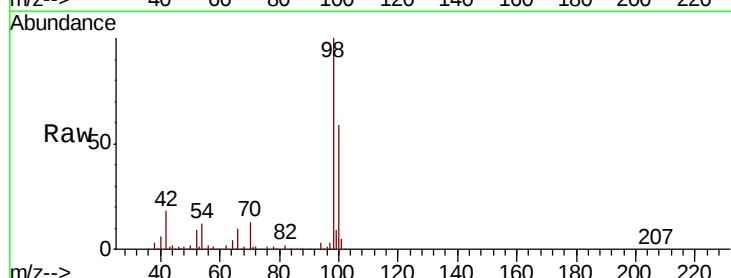
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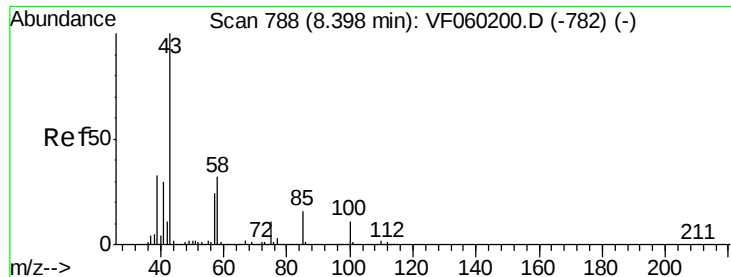
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#50
Toluene-d8
Concen: 50.64 ug/l
RT: 7.72 min Scan# 719
Delta R.T. 0.01 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	59.5	47.4	71.0





#51

4-Methyl-2-Pentanone

Concen: 270.61 ug/l

RT: 8.41 min Scan# 789

Delta R.T. 0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

ClientSampleId :

J4803-17MS

Tot Ion: 43 Resp: 343861

Ion Ratio Lower Upper

43 100

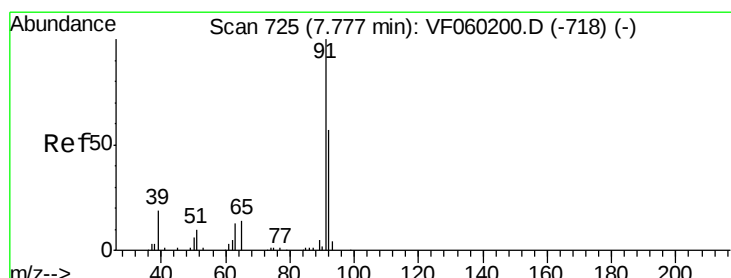
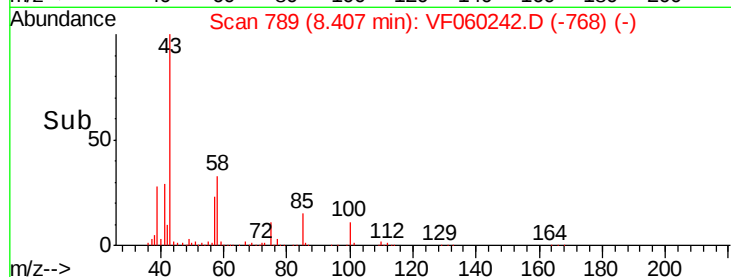
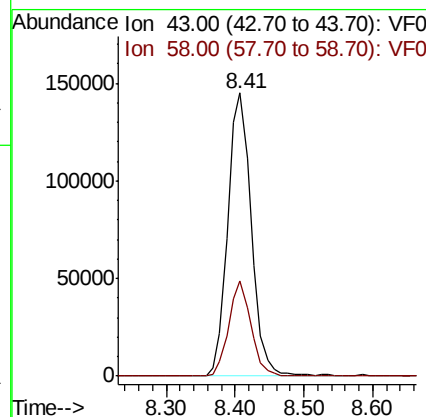
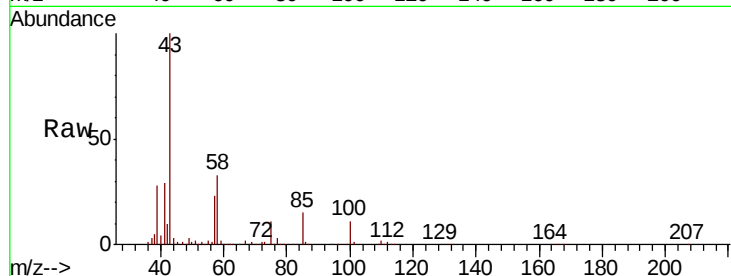
58 33.4 25.8 38.6

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#52

Toluene

Concen: 52.18 ug/l

RT: 7.79 min Scan# 726

Delta R.T. 0.01 min

Lab File: VF060242.D

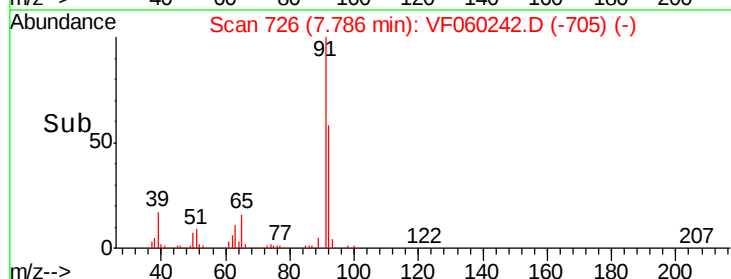
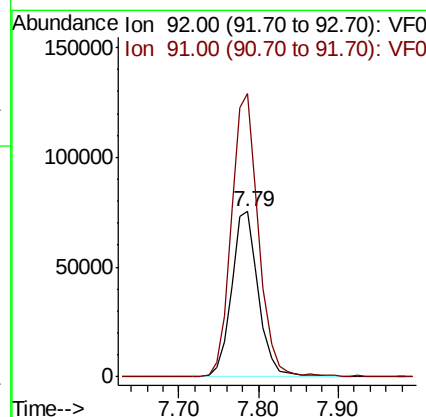
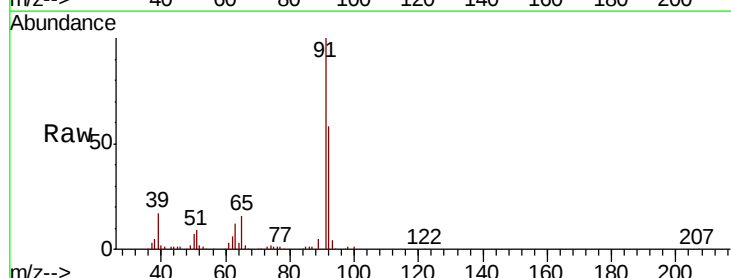
Acq: 10 Sep 2018 18:37

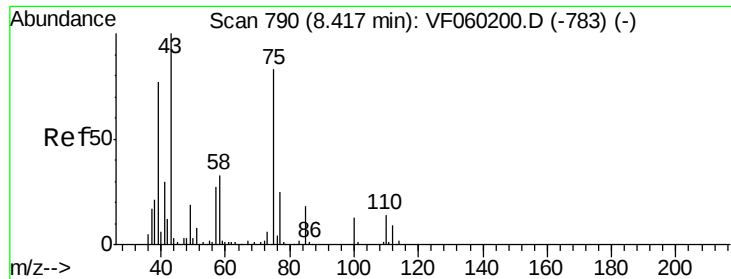
Tgt Ion: 92 Resp: 177027

Ion Ratio Lower Upper

92 100

91 171.2 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 53.82 ug/l

RT: 8.43 min Scan# 791

Delta R.T. 0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

ClientSampleId :

J4803-17MS

Tot Ion: 75 Resp: 134571

Ion Ratio Lower Upper

75 100

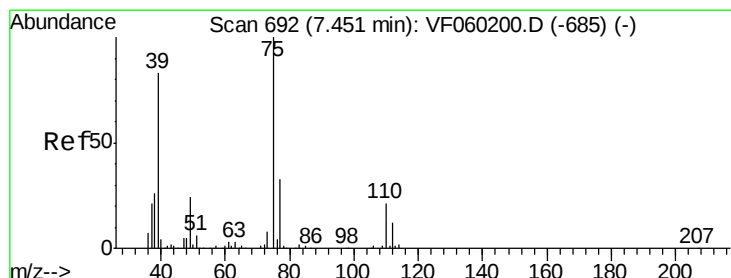
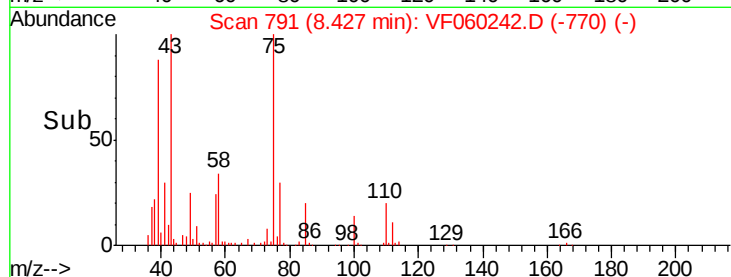
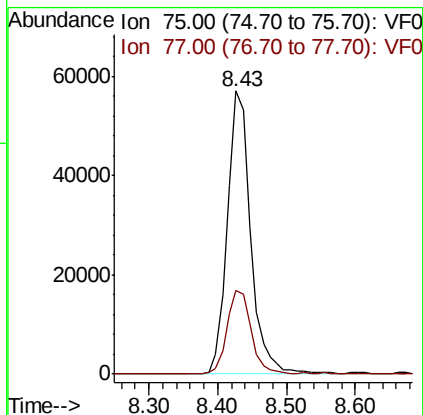
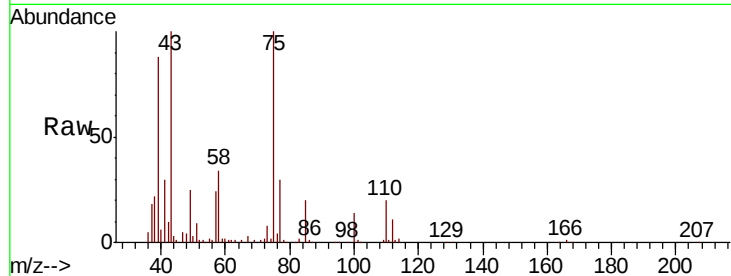
77 29.8 24.3 36.5

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#54

cis-1,3-Dichloropropene

Concen: 53.45 ug/l

RT: 7.46 min Scan# 693

Delta R.T. 0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

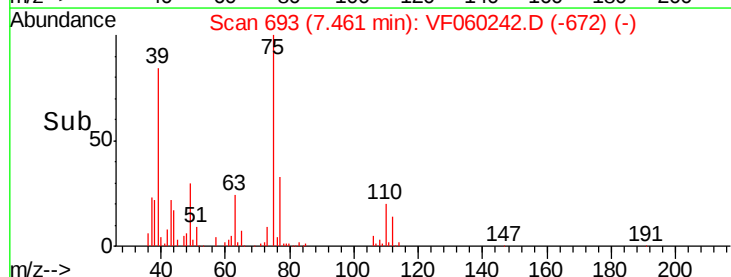
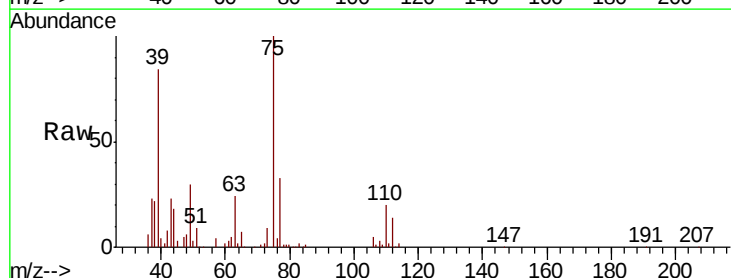
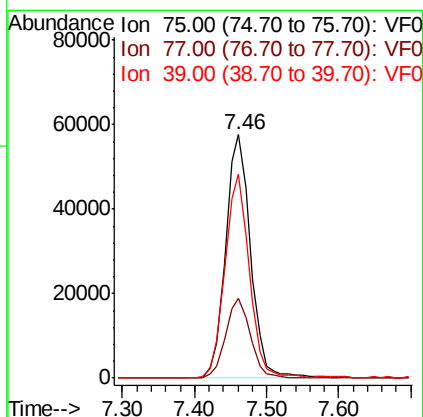
Tgt Ion: 75 Resp: 138740

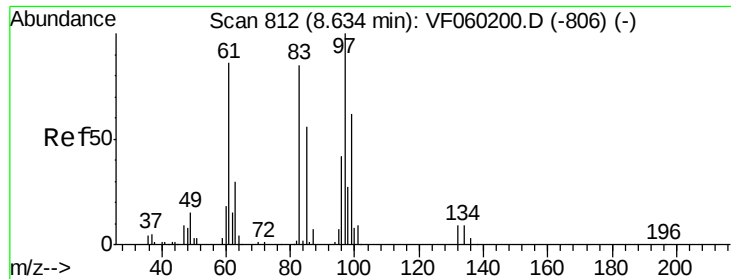
Ion Ratio Lower Upper

75 100

77 32.7 26.6 39.8

39 83.6 66.6 100.0





#55

1,1,2-Trichloroethane

Concen: 48.09 ug/l

RT: 8.64 min Scan# 813

Delta R.T. 0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

ClientSampleId :

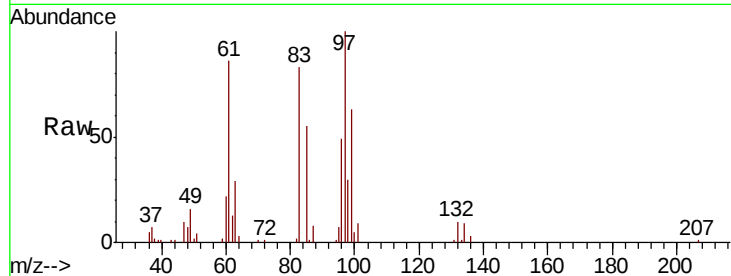
J4803-17MS

Tot Ion:	97	Resp:	60007
Ion	Ratio	Lower	Upper
97	100		
83	82.6	68.1	102.1
85	55.3	44.6	66.8
99	62.9	49.8	74.8

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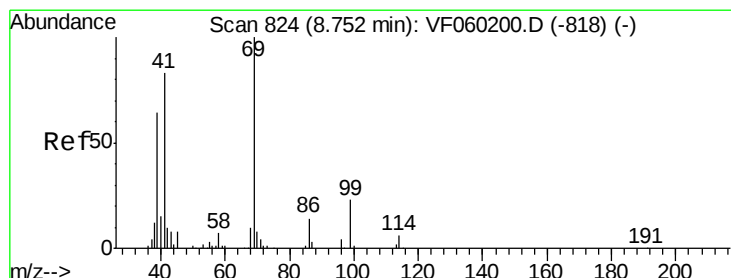
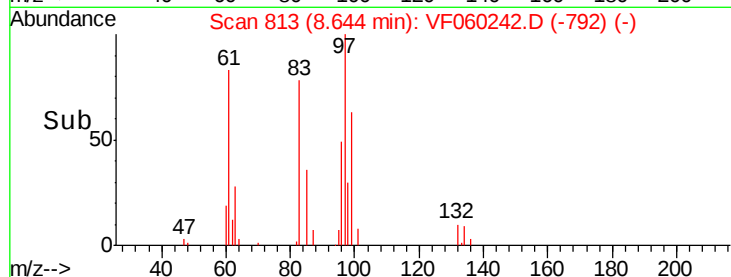
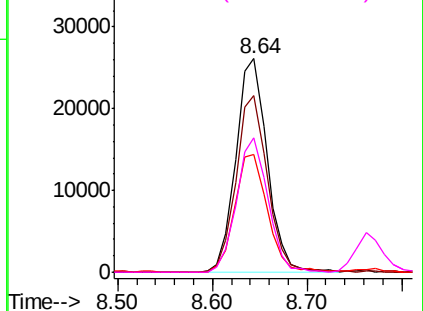


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 27.52 ug/l

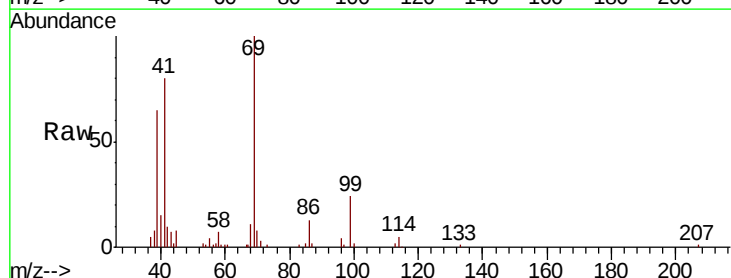
RT: 8.76 min Scan# 825

Delta R.T. 0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

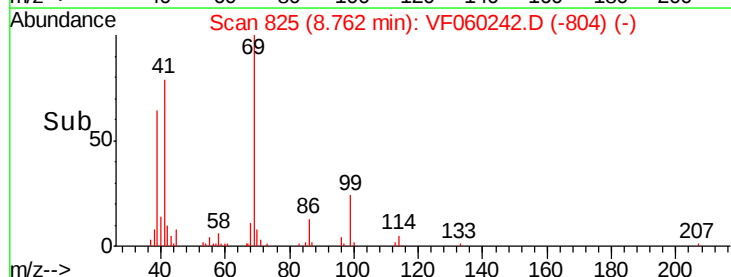
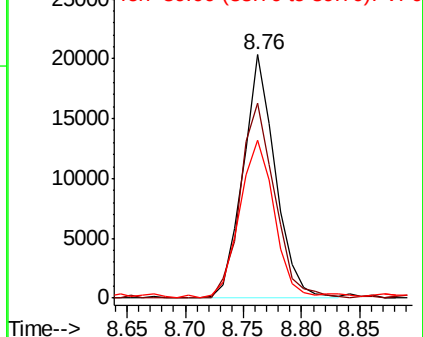
Tgt Ion:	69	Resp:	39255
Ion	Ratio	Lower	Upper
69	100		
41	80.2	66.6	100.0
39	64.9	51.5	77.3

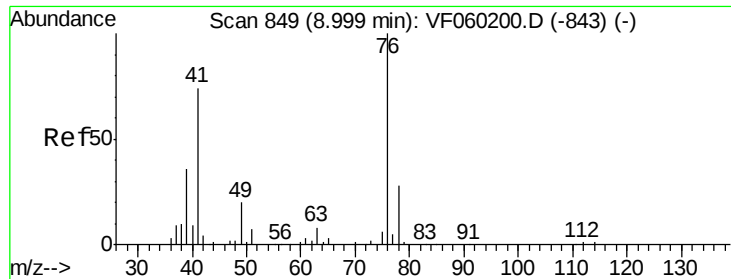


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





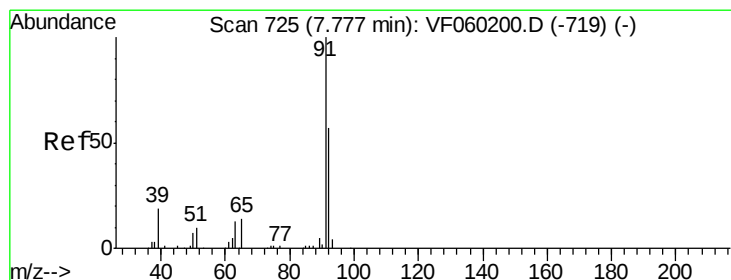
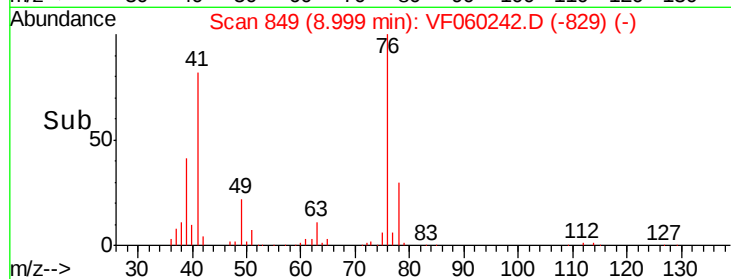
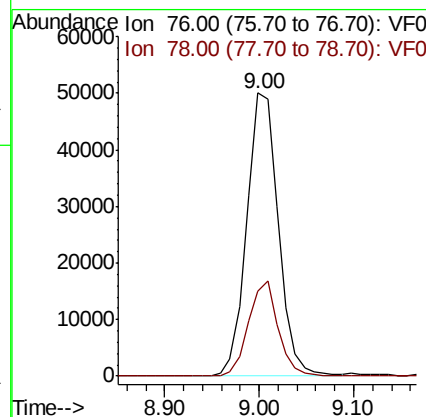
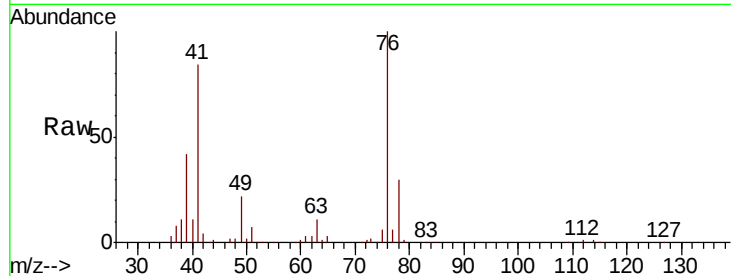
#57
 1,3-Dichloropropane
 Concen: 52.40 ug/l
 RT: 9.00 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: VF060242.D
 Acq: 10 Sep 2018 18:37

Instrument :
 MSVOA_F
 ClientSampleID :
 J4803-17MS

Tot Ion	Ion	Ratio	Lower	Upper
76	100			
78	30.0	22.8	34.2	

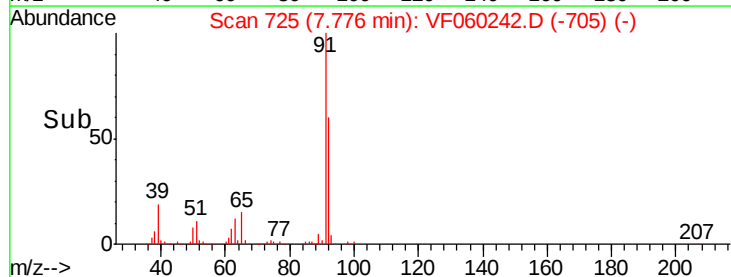
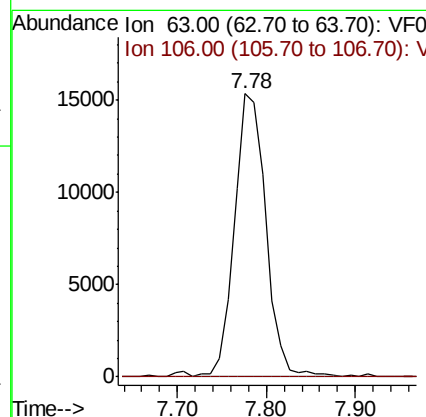
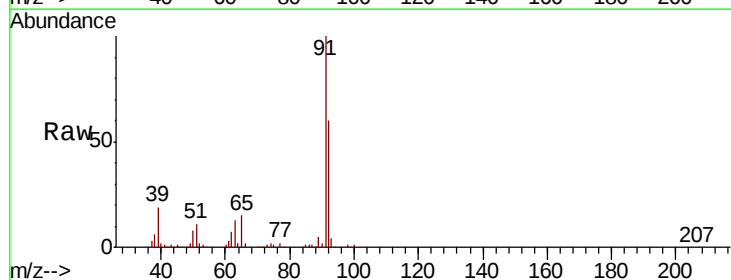
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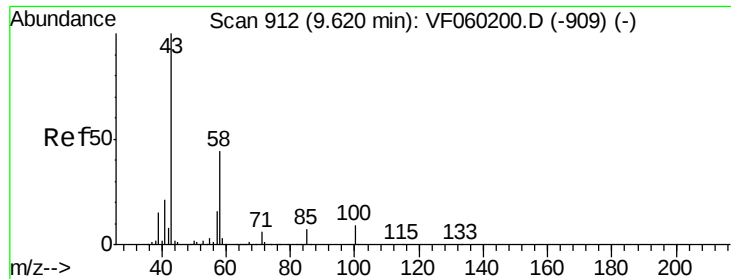
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#58
 2-Chloroethyl Vinyl ether
 Concen: 247.34 ug/l
 RT: 7.78 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: VF060242.D
 Acq: 10 Sep 2018 18:37

Tgt Ion	Ion	Ratio	Lower	Upper
63	100			
106	0.0	0.0	0.0	





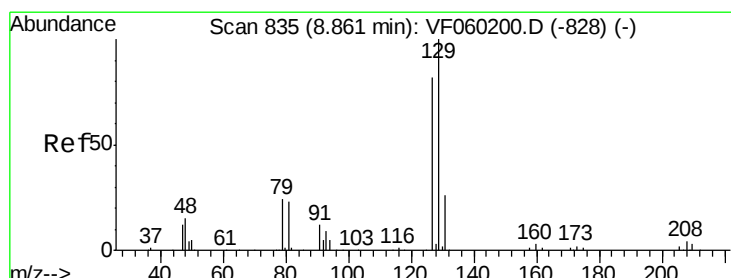
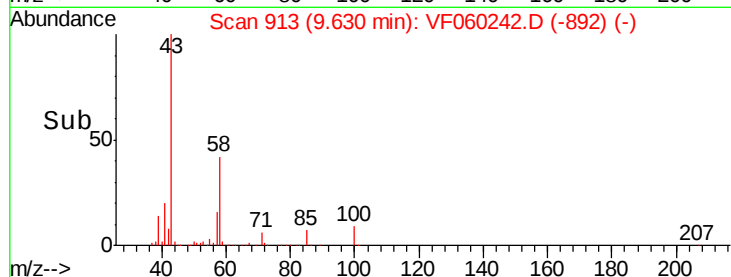
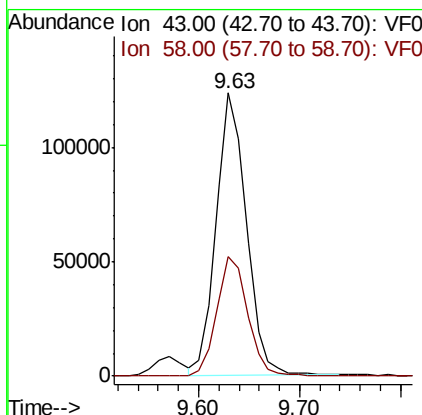
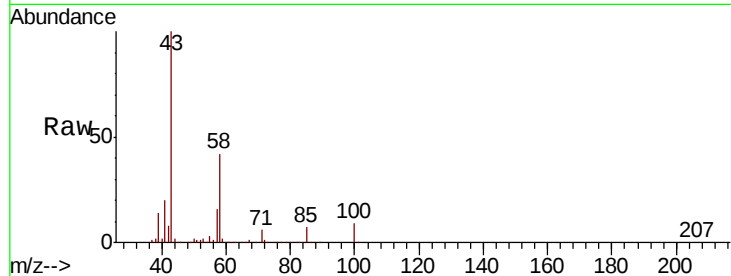
#59
2-Hexanone
Concen: 271.48 ug/l
RT: 9.63 min Scan# 913
Delta R.T. 0.01 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Instrument :
MSVOA_F
ClientSampleId :
J4803-17MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.2	20.8	62.5

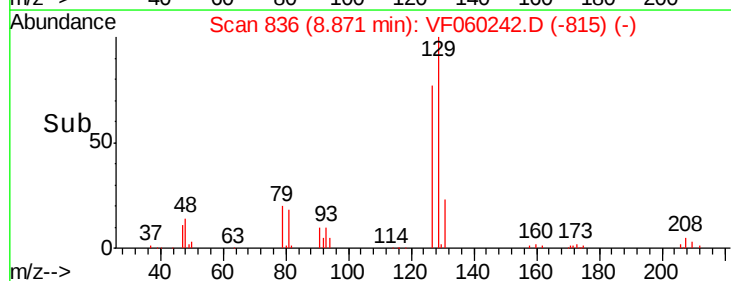
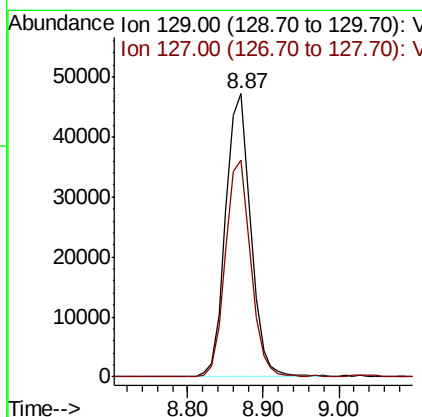
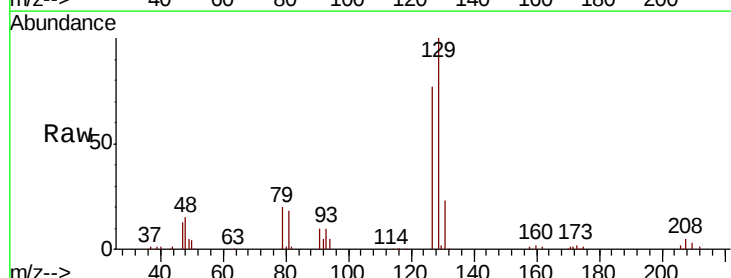
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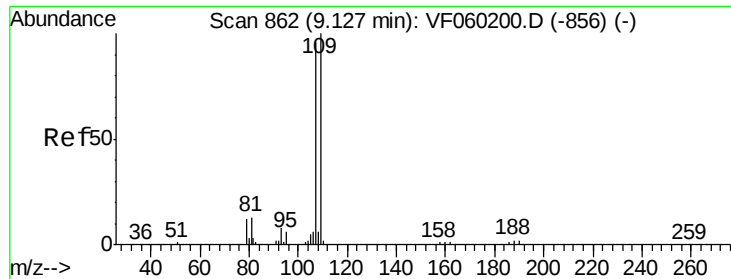
apatel
9/11/2018 11:08:00 AM



#60
Dibromochloromethane
Concen: 52.53 ug/l
RT: 8.87 min Scan# 836
Delta R.T. 0.01 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.5	40.9	122.8





#61

1,2-Dibromoethane

Concen: 49.99 ug/l

RT: 9.14 min Scan# 863

Delta R.T. 0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

ClientSampleId :

J4803-17MS

Tot Ion:107 Resp: 74819

Ion Ratio Lower Upper

107 100

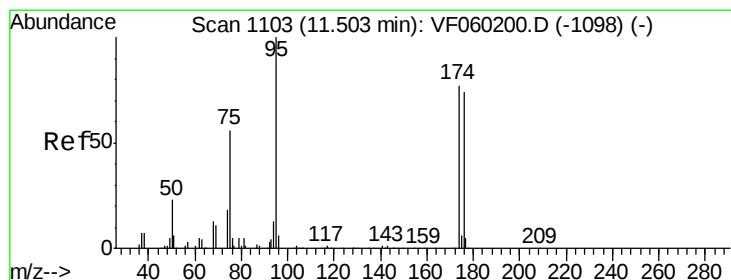
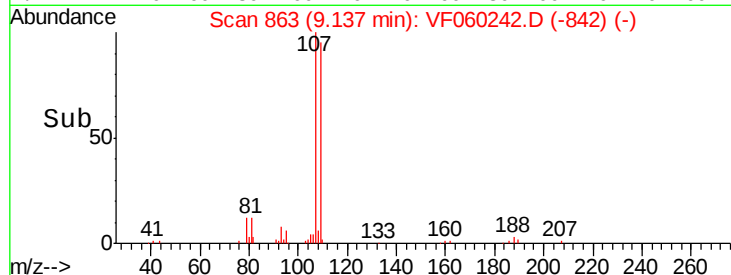
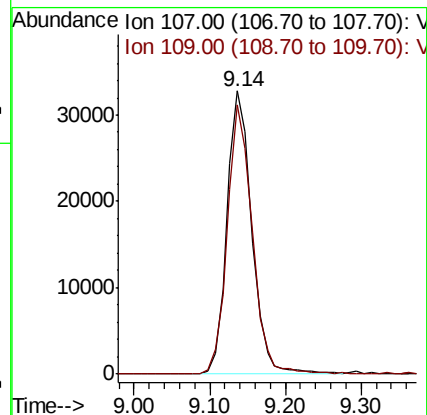
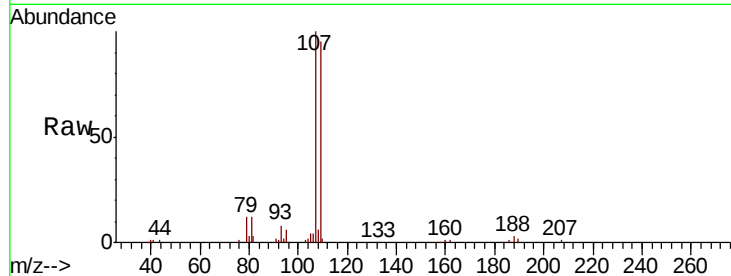
109 94.9 83.0 124.4

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#62

4-Bromofluorobenzene

Concen: 48.66 ug/l

RT: 11.51 min Scan# 1104

Delta R.T. 0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

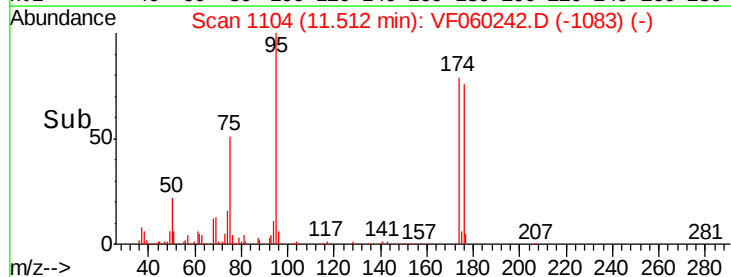
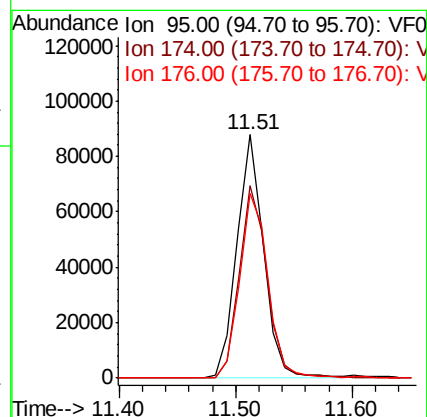
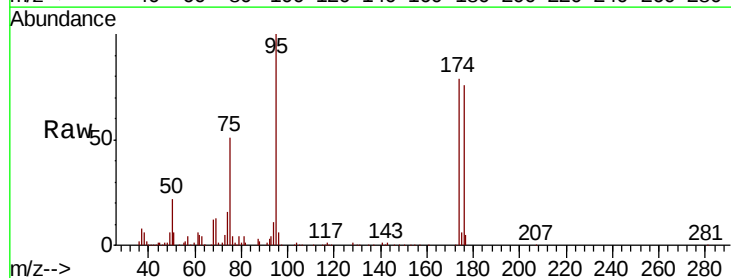
Tgt Ion: 95 Resp: 140221

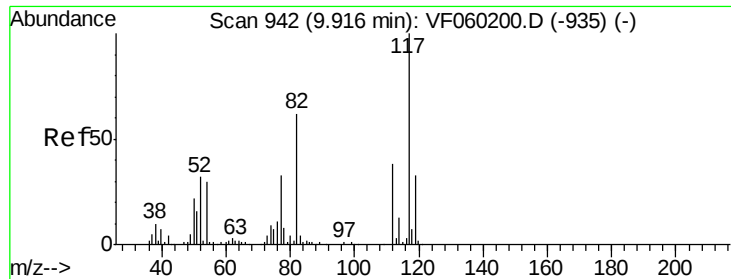
Ion Ratio Lower Upper

95 100

174 79.0 0.0 153.2

176 76.1 0.0 147.2





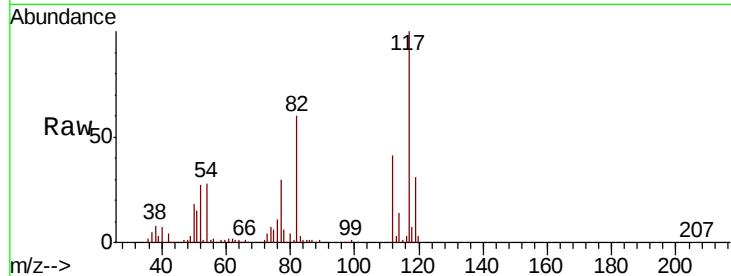
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 943
Delta R.T. 0.01 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Instrument :
MSVOA_F
ClientSampleId :
J4803-17MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	218586		
82	59.5		49.3	73.9
119	31.1		26.5	39.7

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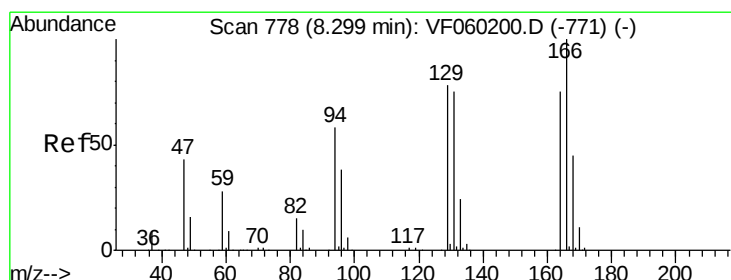
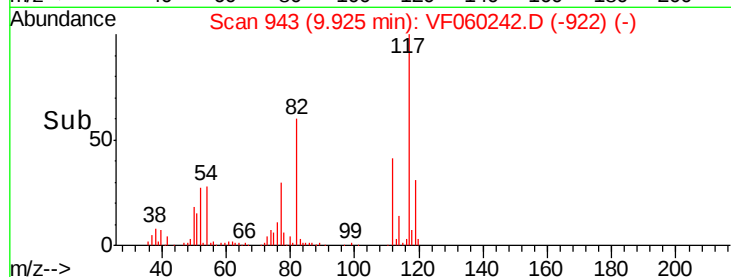
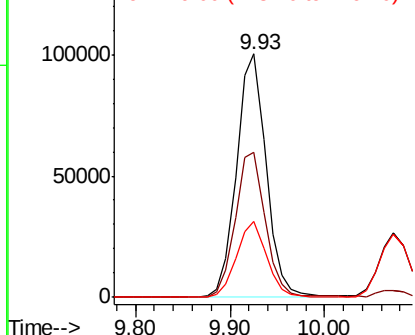


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#64
Tetrachloroethene
Concen: 68.81 ug/l
RT: 8.31 min Scan# 779
Delta R.T. 0.01 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	150598		
166	131.9		107.0	160.4
129	101.9		83.0	124.6
131	98.2		79.8	119.8

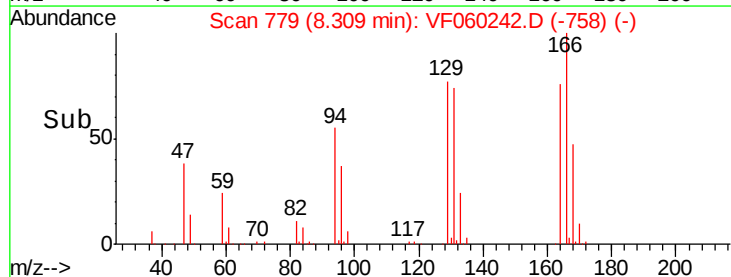
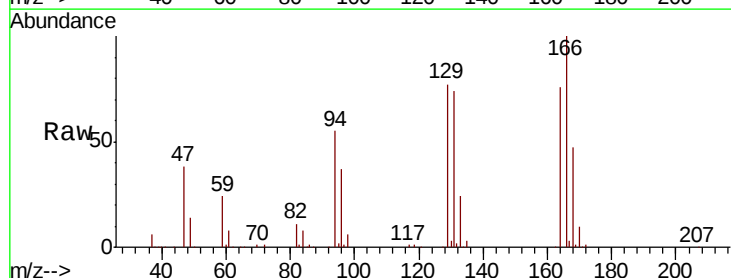
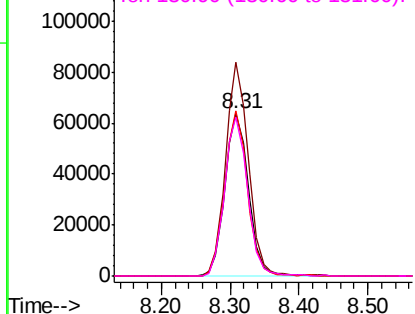
Abundance

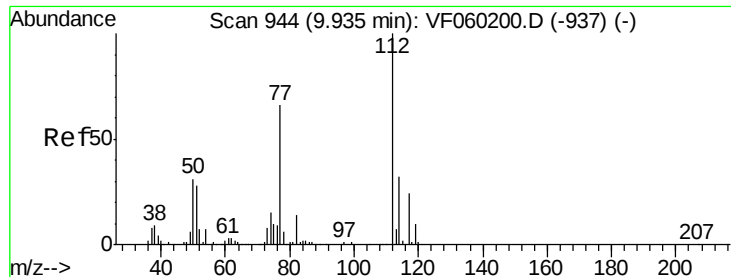
Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V





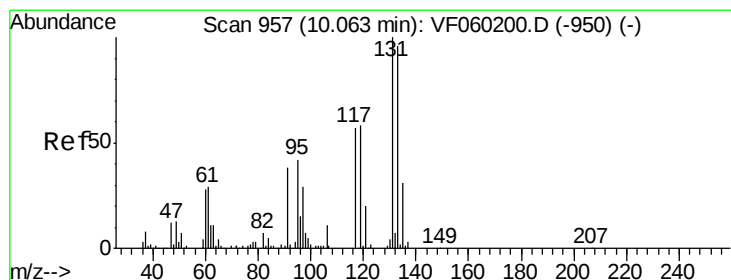
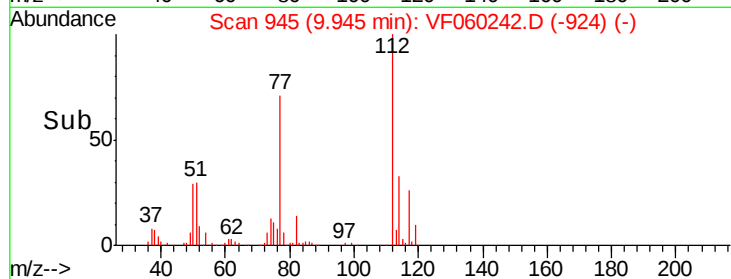
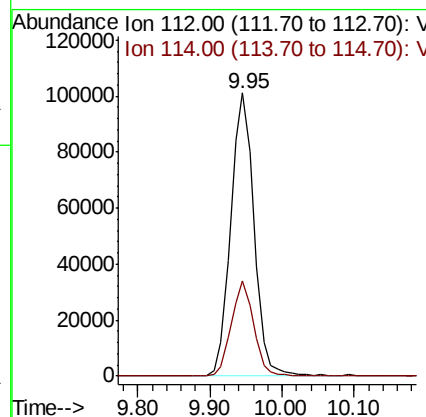
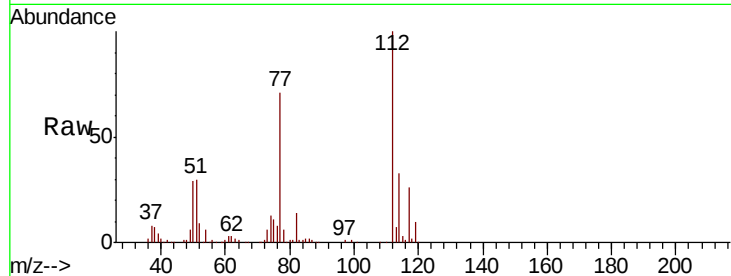
#65
Chlorobenzene
Concen: 50.20 ug/l
RT: 9.95 min Scan# 945
Delta R.T. 0.01 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Instrument :
MSVOA_F
ClientSampleId :
J4803-17MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	227119		
114	33.5	25.7	38.5	

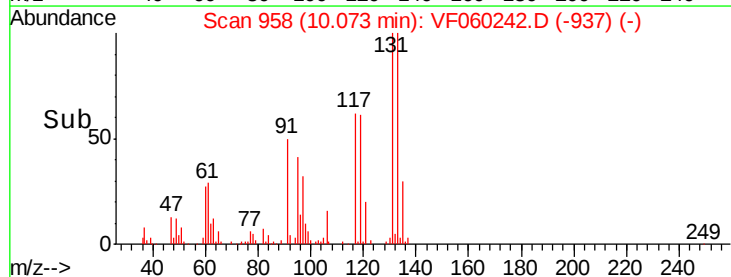
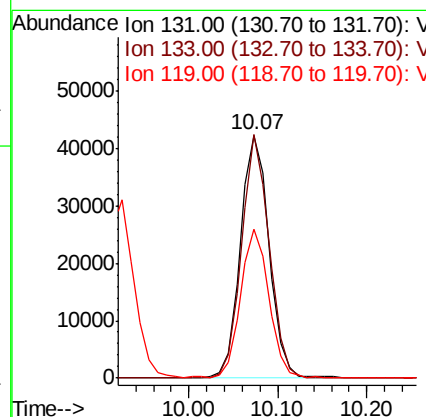
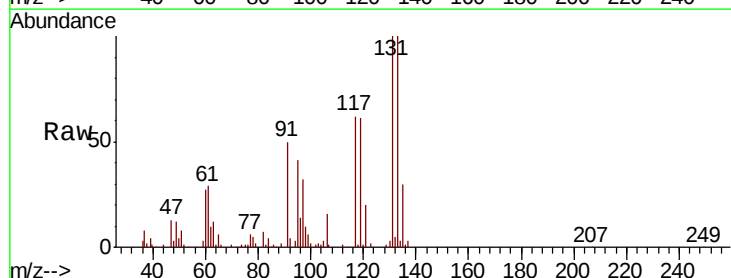
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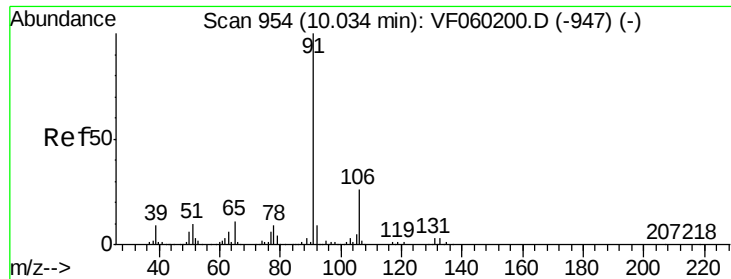
apatel
9/11/2018 11:08:00 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.21 ug/l
RT: 10.07 min Scan# 958
Delta R.T. 0.01 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	94667		
133	100.3	47.9	143.8	
119	61.5	29.0	87.0	





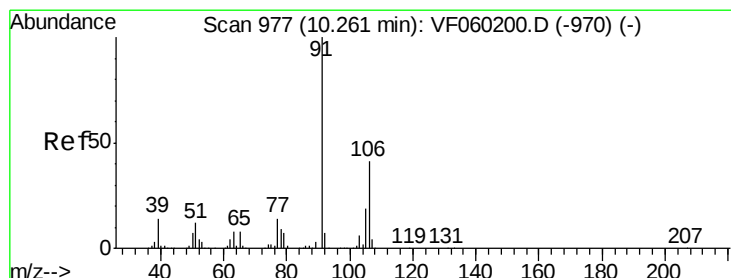
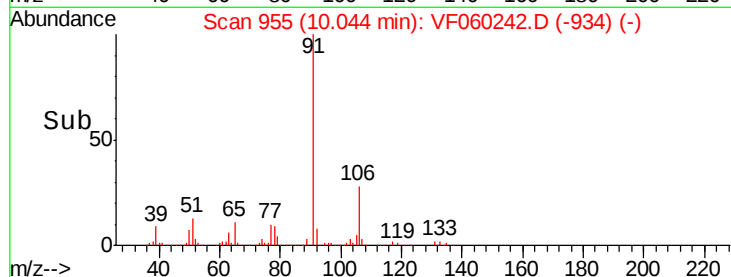
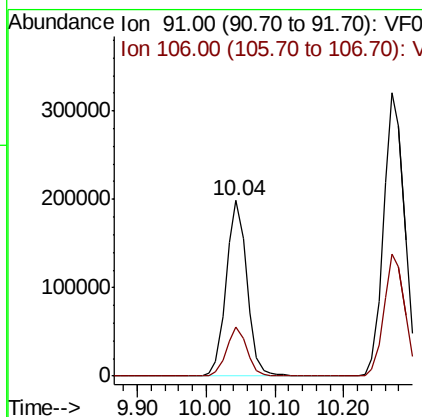
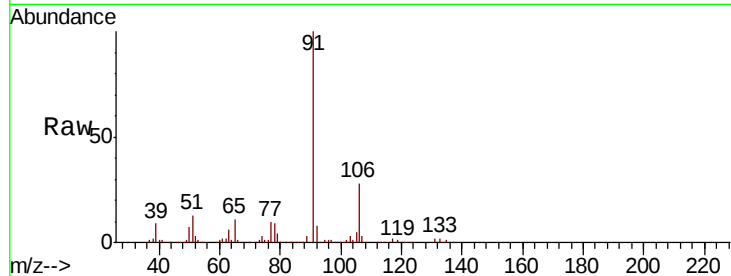
#67
Ethyl Benzene
Concen: 49.32 ug/l
RT: 10.04 min Scan# 955
Delta R.T. 0.01 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Instrument :
MSVOA_F
ClientSampleId :
J4803-17MS

Tot Ion: 91 Resp: 416299
Ion Ratio Lower Upper
91 100
106 27.9 21.1 31.7

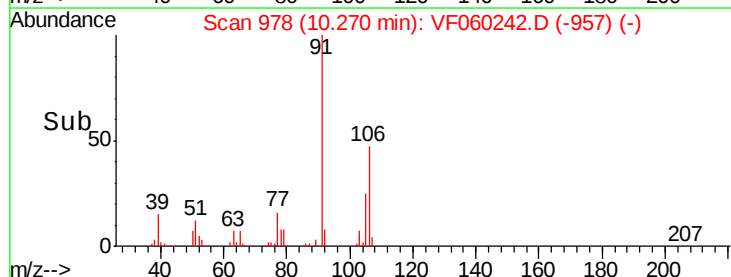
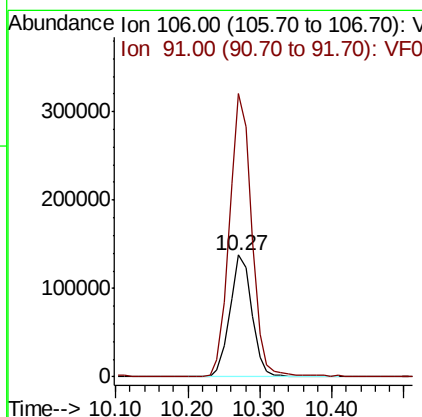
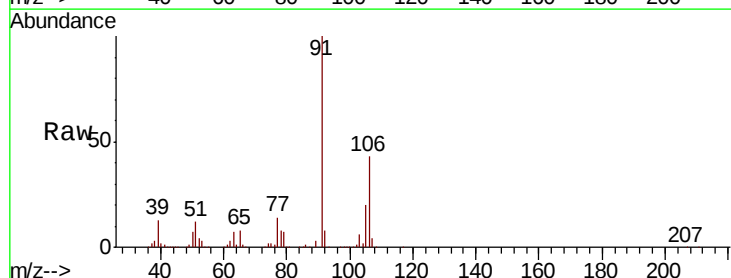
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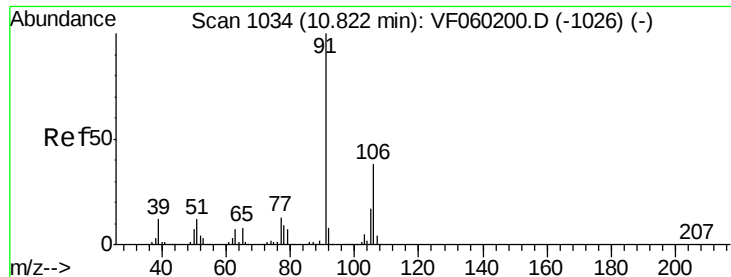
apatel
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#68
m/p-Xylenes
Concen: 104.76 ug/l
RT: 10.27 min Scan# 978
Delta R.T. 0.01 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Tgt Ion: 106 Resp: 296683
Ion Ratio Lower Upper
106 100
91 232.1 194.6 291.8





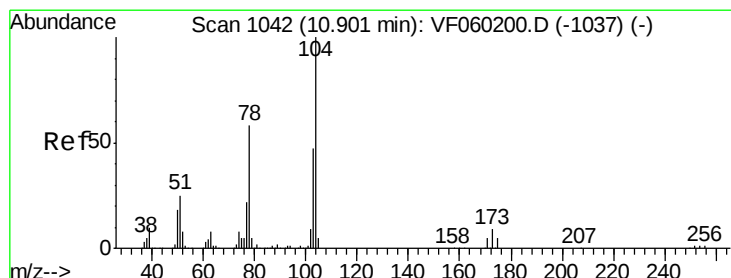
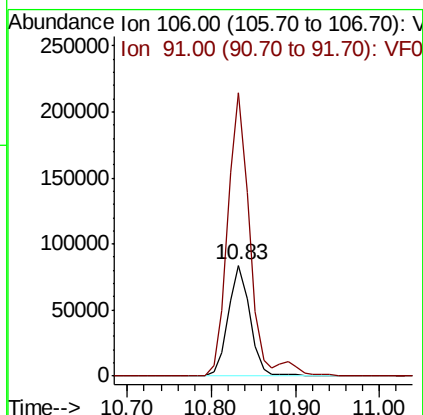
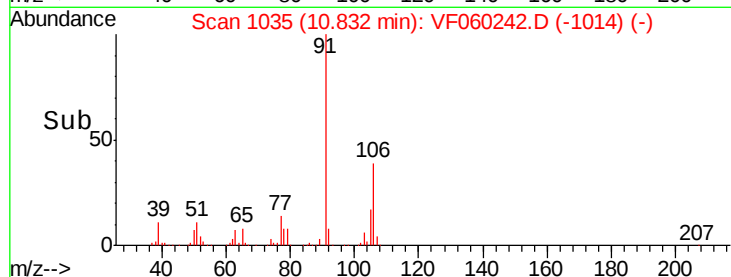
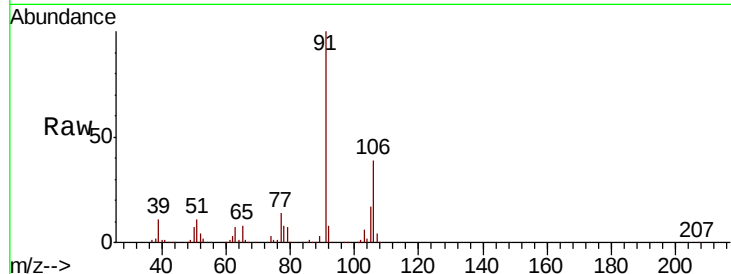
#69
o-Xylene
Concen: 50.17 ug/l
RT: 10.83 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Instrument :
MSVOA_F
ClientSampleID :
J4803-17MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	151561		
91	91	255.0	130.5	391.5	

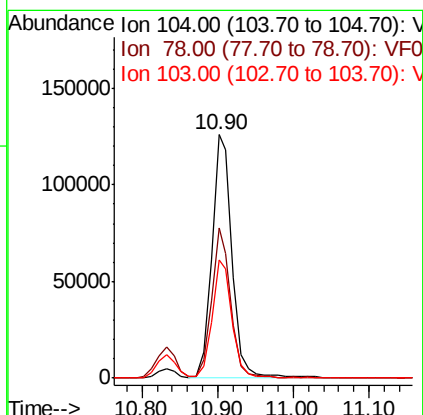
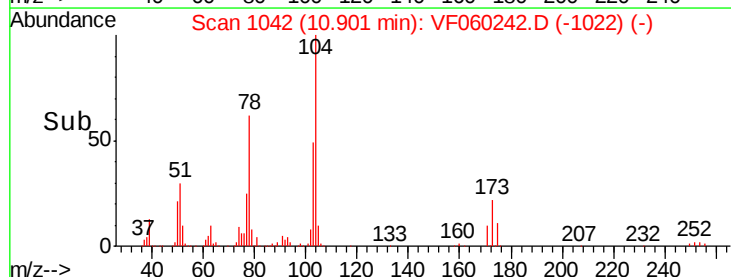
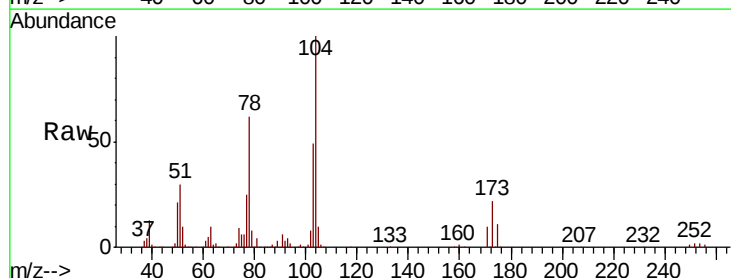
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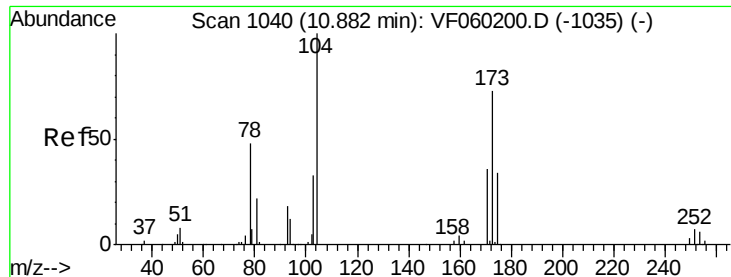
apatel
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#70
Styrene
Concen: 51.26 ug/l
RT: 10.90 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	234735		
78	78	61.6	47.1	70.7	
103	103	48.6	38.6	57.8	





#71

Bromoform

Concen: 59.25 ug/l

RT: 10.89 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

ClientSampleId :

J4803-17MS

Tot Ion:173 Resp: 68596

Ion Ratio Lower Upper

173 100

175 51.0 23.1 69.3

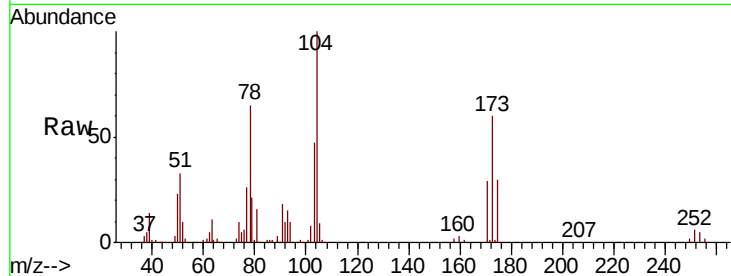
254 0.0 0.2 0.4#

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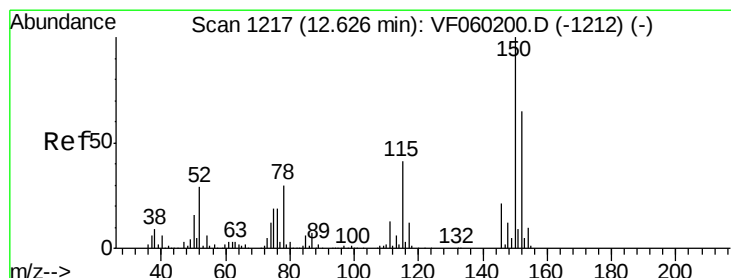
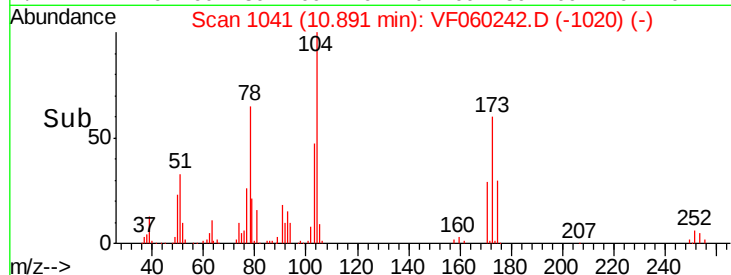
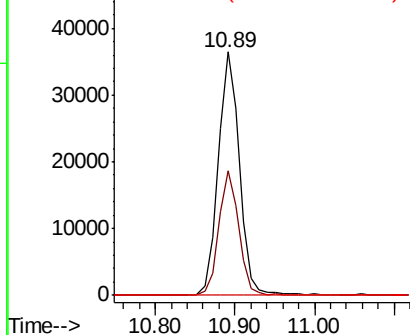


Abundance

Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.64 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

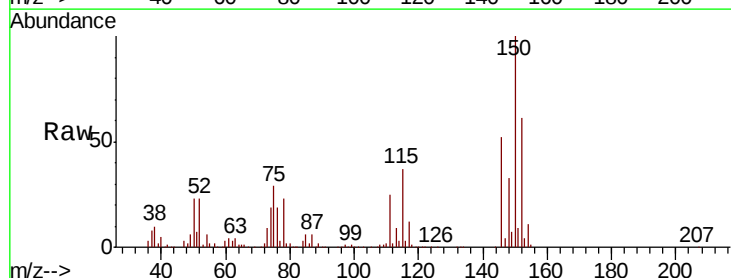
Tgt Ion:152 Resp: 118051

Ion Ratio Lower Upper

152 100

115 60.2 31.5 94.5

150 163.0 0.0 310.4

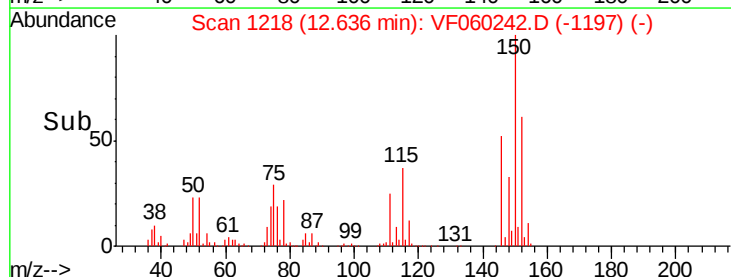
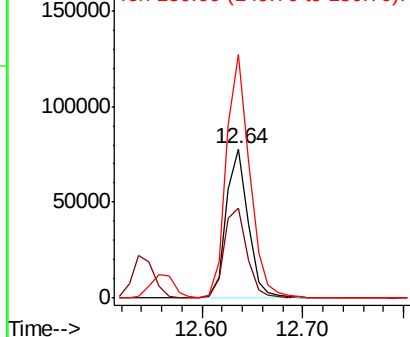


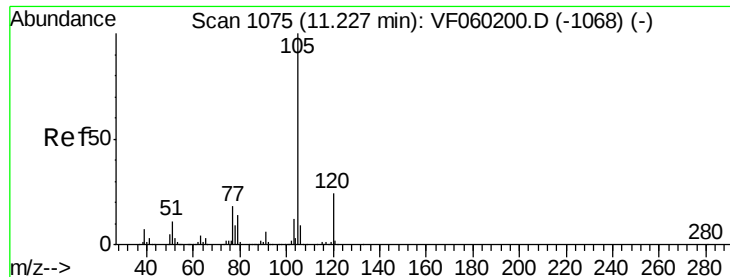
Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 58.01 ug/l

RT: 11.23 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

ClientSampleId :

J4803-17MS

Tot Ion:105 Resp: 472394

Ion Ratio Lower Upper

105 100

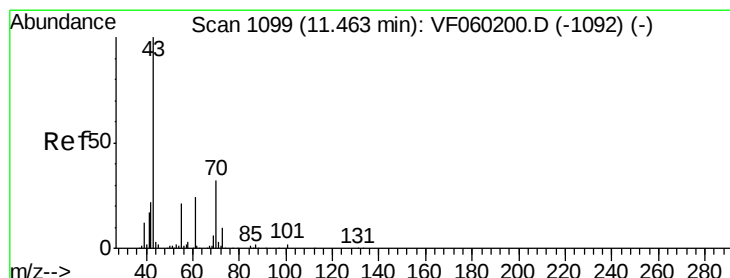
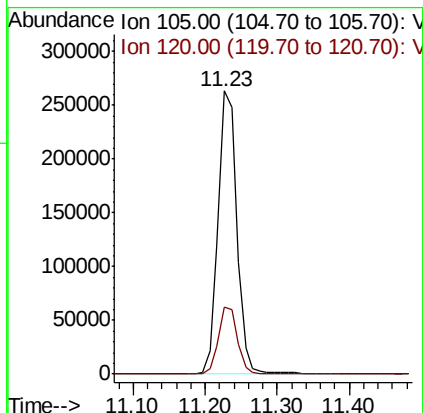
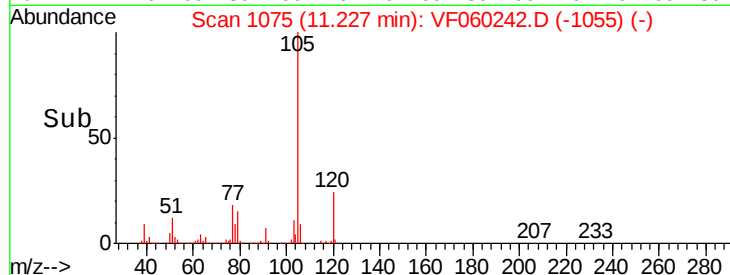
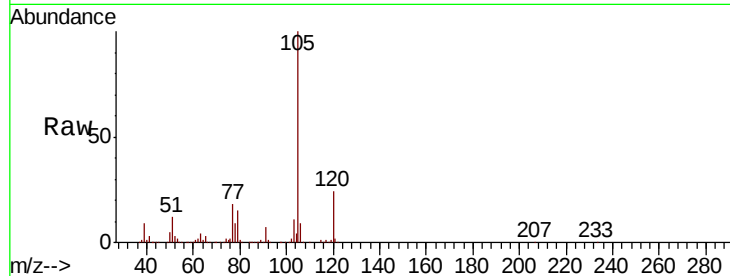
120 23.6 11.8 35.3

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#74

N-ethyl acetate

Concen: 16.83 ug/l

RT: 11.46 min Scan# 1099

Delta R.T. 0.00 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Tgt Ion: 43 Resp: 21583

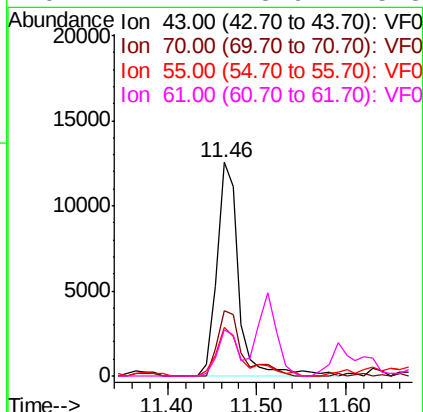
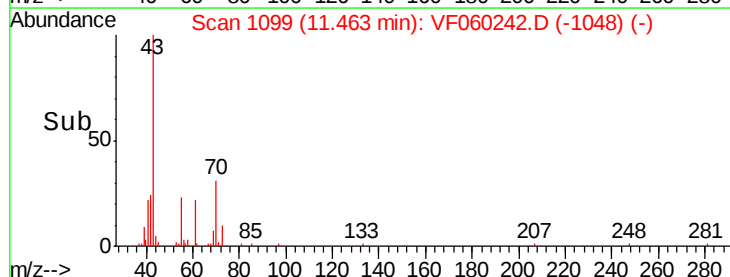
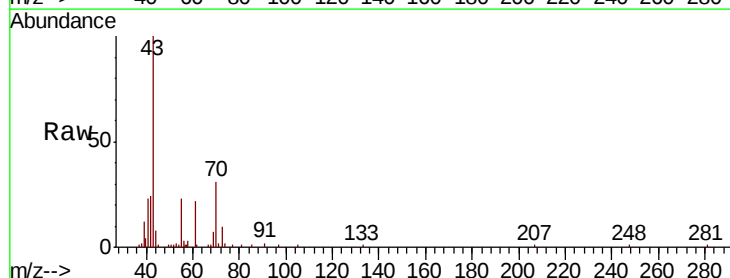
Ion Ratio Lower Upper

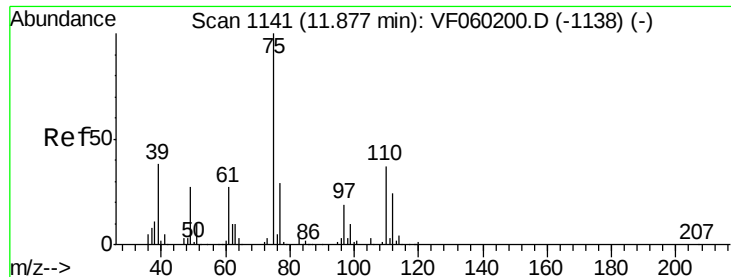
43 100

70 30.7 25.8 38.6

55 22.9 16.8 25.2

61 21.7 18.9 28.3





#76

1,2,3-Trichloropropane

Concen: 57.26 ug/l

RT: 11.89 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

ClientSampleId :

J4803-17MS

Tot Ion: 75 Resp: 74302

Ion Ratio Lower Upper

75 100

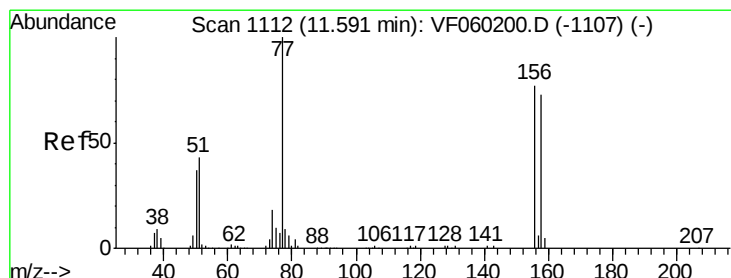
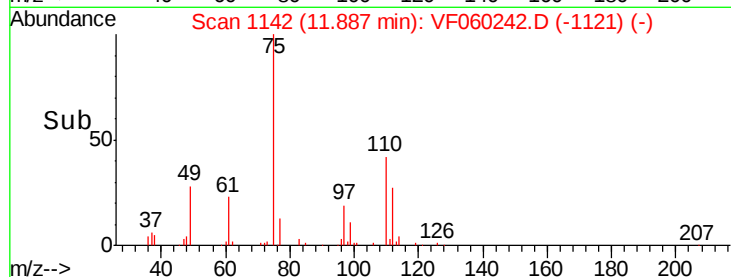
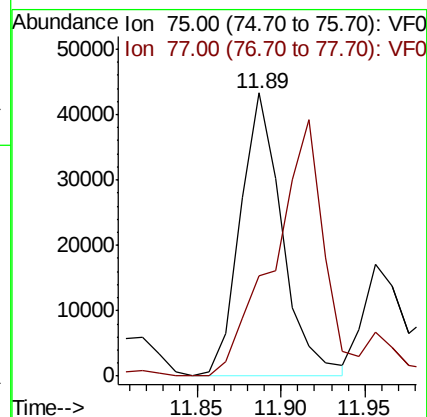
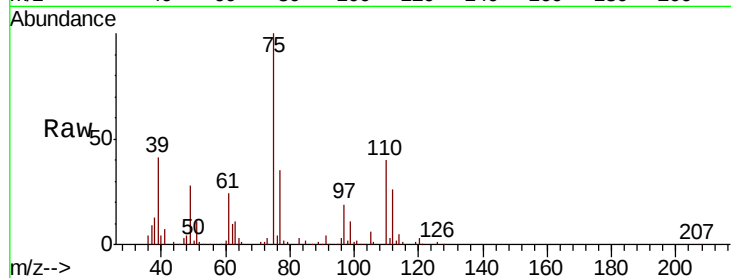
77 35.4 14.6 43.8

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#77

Bromobenzene

Concen: 58.40 ug/l

RT: 11.60 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

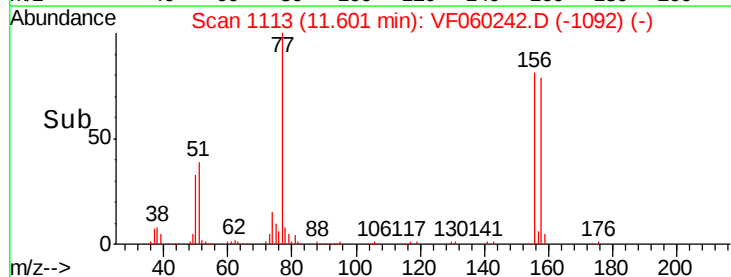
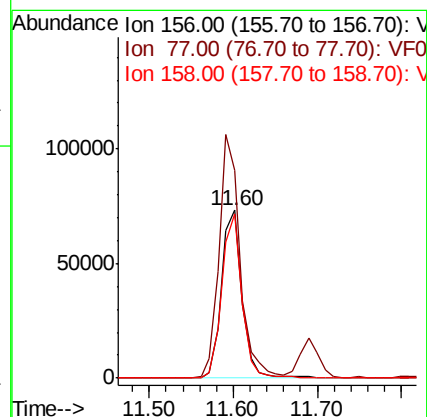
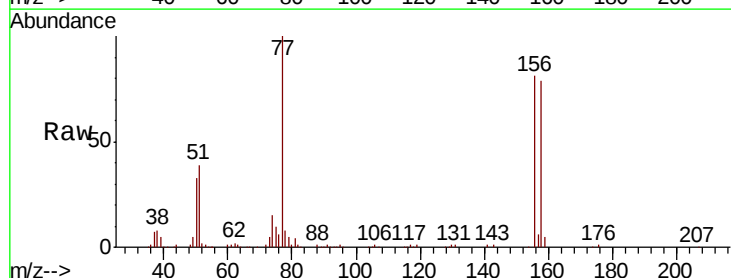
Tgt Ion: 156 Resp: 124538

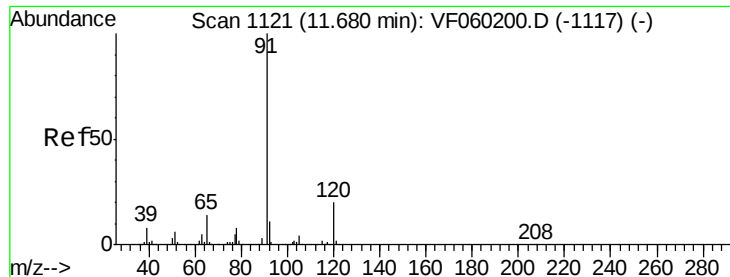
Ion Ratio Lower Upper

156 100

77 123.4 64.8 194.3

158 97.6 47.3 141.8





#78

n-propylbenzene

Concen: 55.07 ug/l

RT: 11.69 min Scan# 1122

Delta R.T. 0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

ClientSampleId :

J4803-17MS

Tot Ion: 91 Resp: 537333

Ion Ratio Lower Upper

91 100

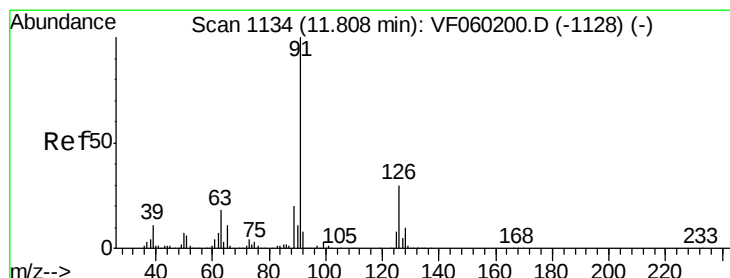
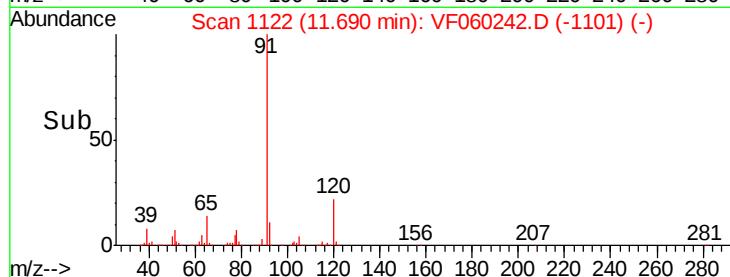
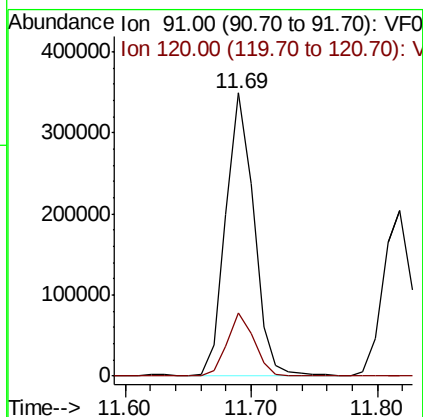
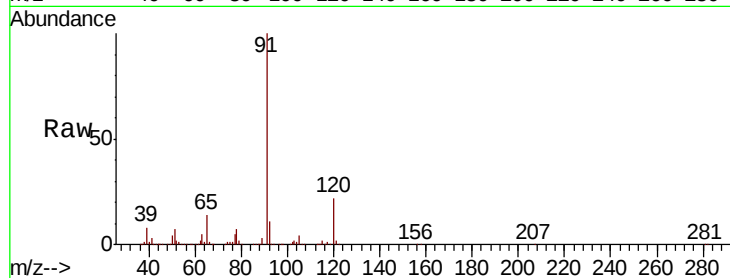
120 22.2 9.8 29.4

Manual Integrations

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#79

2-Chlorotoluene

Concen: 55.35 ug/l

RT: 11.82 min Scan# 1135

Delta R.T. 0.01 min

Lab File: VF060242.D

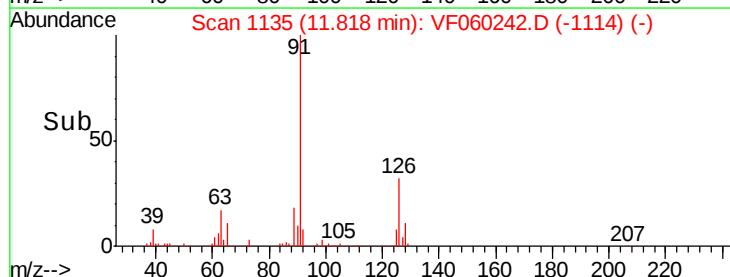
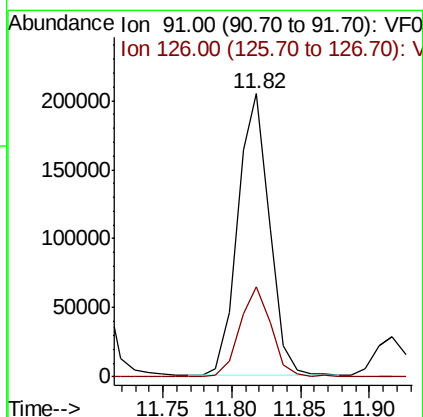
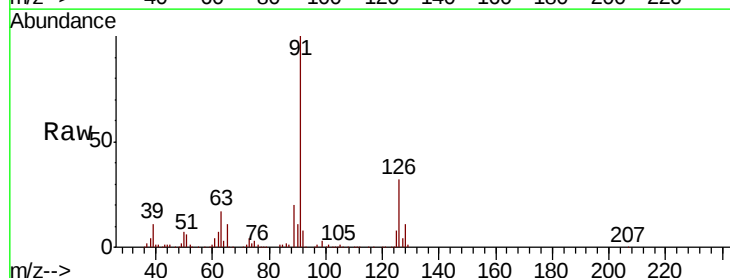
Acq: 10 Sep 2018 18:37

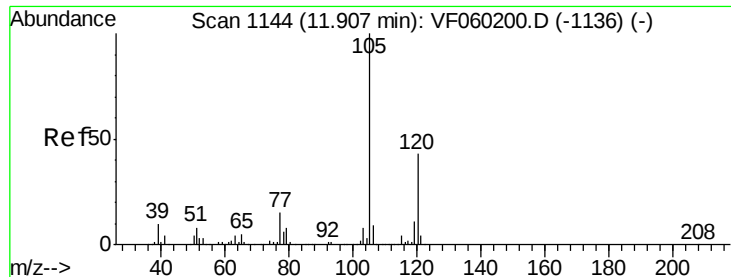
Tgt Ion: 91 Resp: 326268

Ion Ratio Lower Upper

91 100

126 32.0 15.2 45.5





#80

1,3,5-Trimethylbenzene

Concen: 54.63 ug/l

RT: 11.92 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

ClientSampleId :

J4803-17MS

Tot Ion:105 Resp: 392688

Ion Ratio Lower Upper

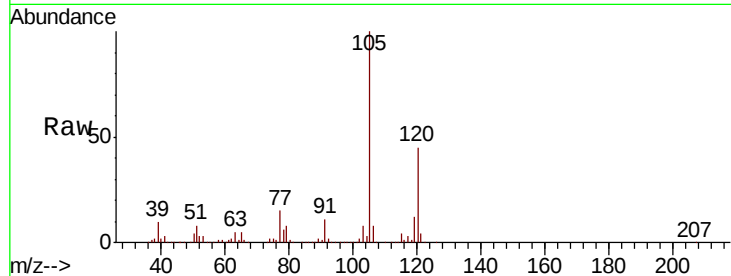
105 100

120 44.7 21.6 64.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

250000

200000

150000

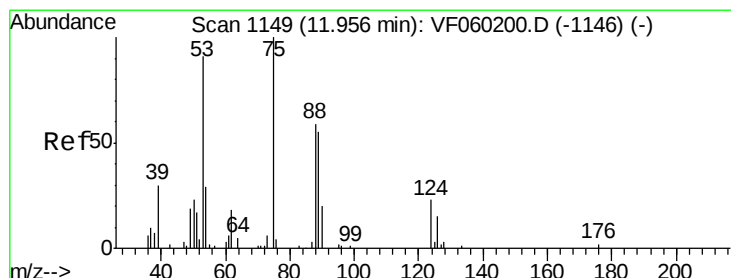
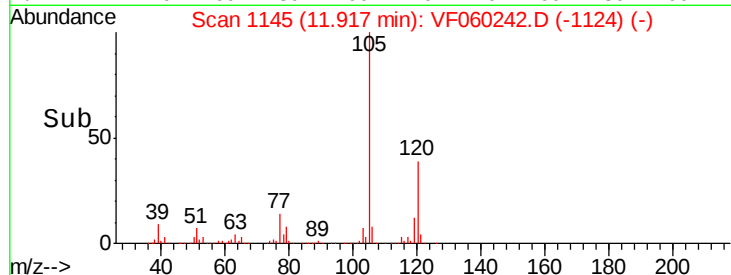
100000

50000

0

11.80 11.90 12.00

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 71.90 ug/l m

RT: 11.96 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

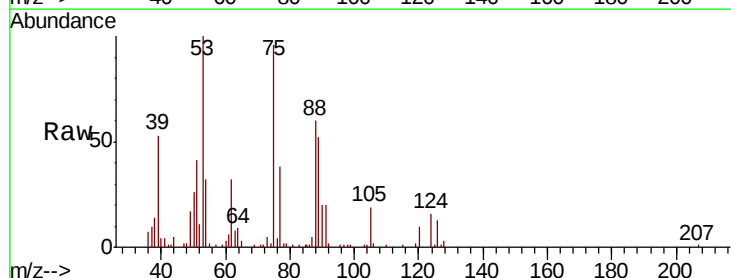
Tgt Ion: 75 Resp: 22146

Ion Ratio Lower Upper

75 100

53 104.4 76.5 114.7

89 54.4 46.5 69.7



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0

30000

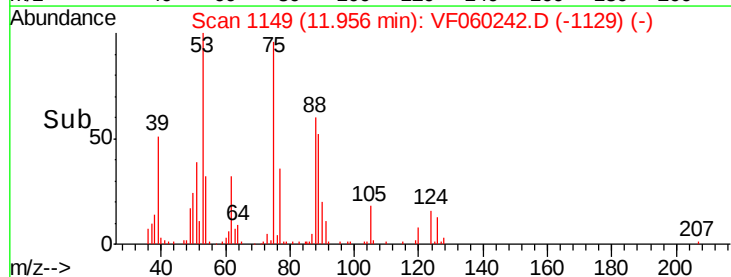
20000

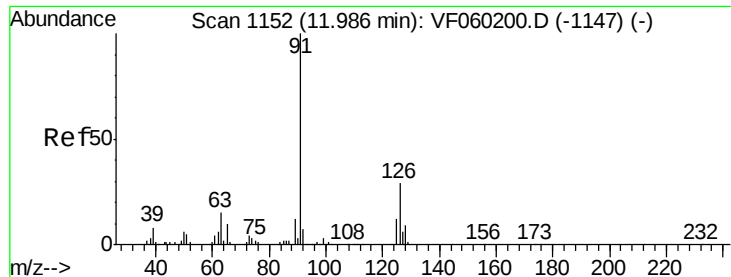
10000

0

11.92 11.94 11.96 11.98

Time-->





#82

4-Chlorotoluene

Concen: 54.62 ug/l

RT: 12.00 min Scan# 1153

Delta R.T. 0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_F

ClientSampleId :

J4803-17MS

Tot Ion: 91 Resp: 357291

Ion Ratio Lower Upper

91 100

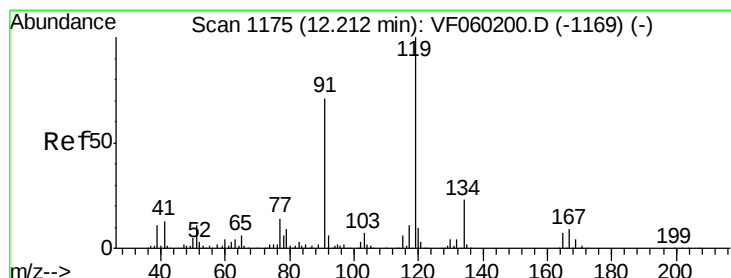
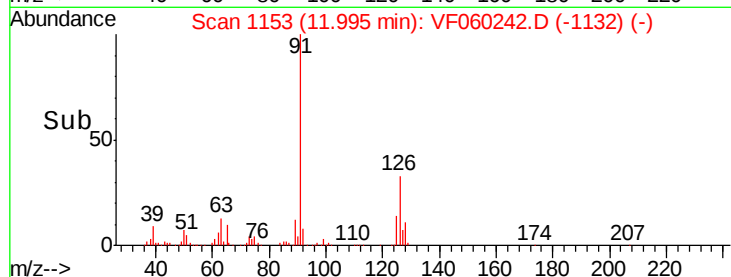
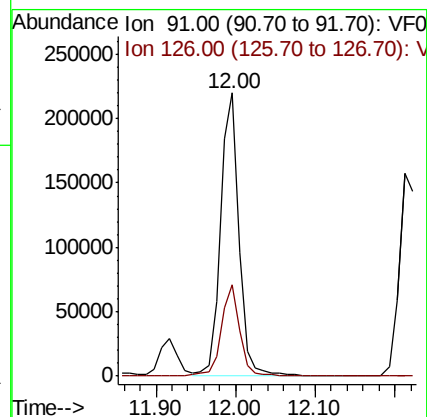
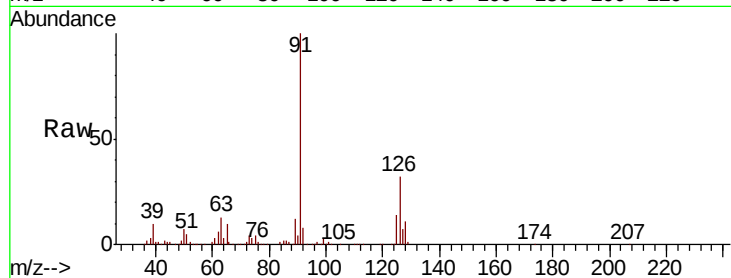
126 32.4 14.4 43.4

Manual Integrations

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#83

tert-Butylbenzene

Concen: 52.15 ug/l

RT: 12.22 min Scan# 1176

Delta R.T. 0.01 min

Lab File: VF060242.D

Acq: 10 Sep 2018 18:37

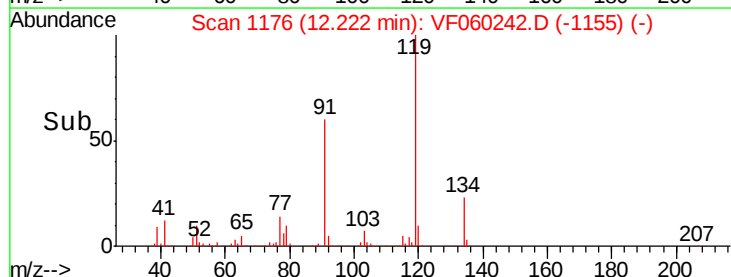
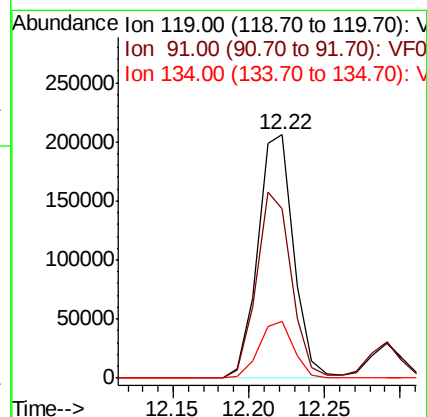
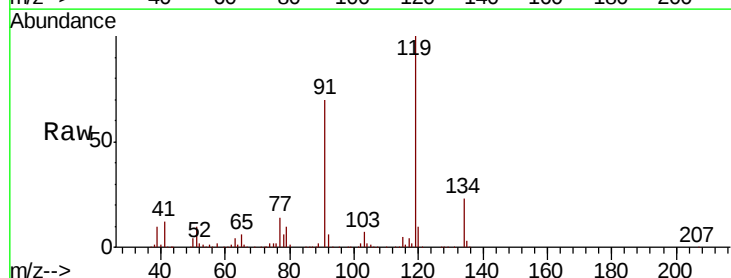
Tgt Ion: 119 Resp: 341571

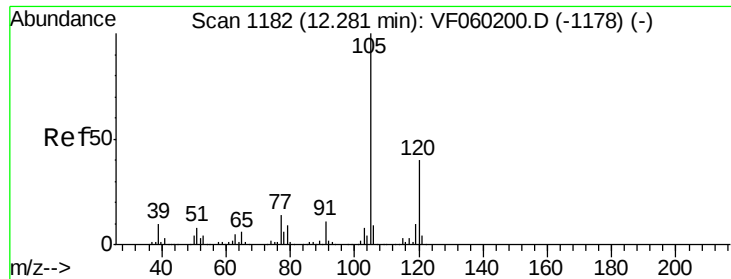
Ion Ratio Lower Upper

119 100

91 69.7 35.8 107.4

134 23.1 11.6 34.7





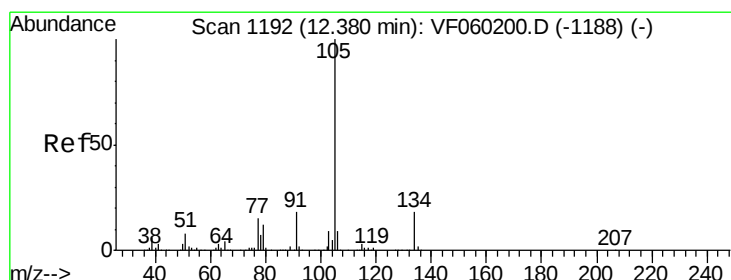
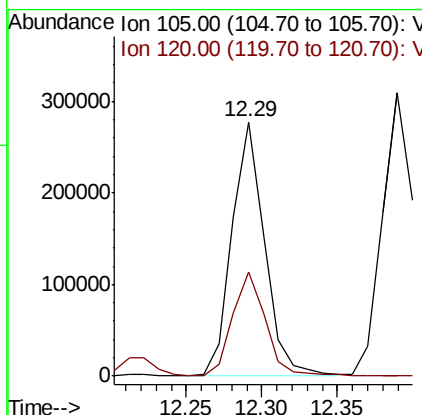
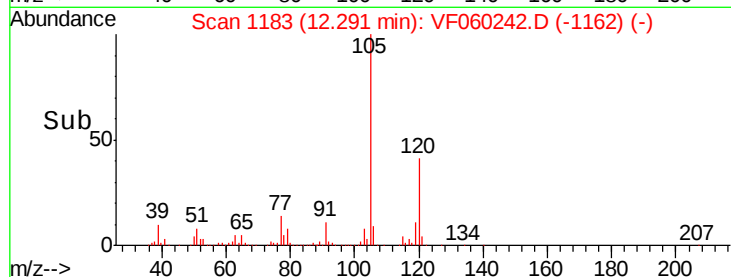
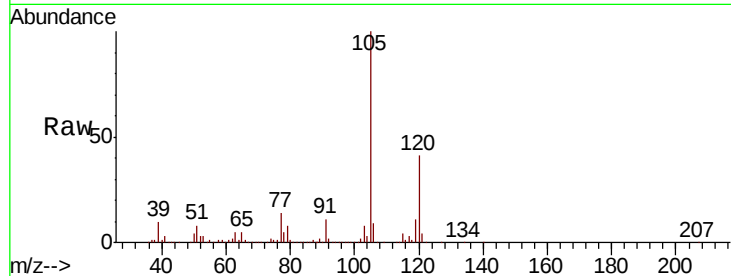
#84
 1,2,4-Trimethylbenzene
 Concen: 56.87 ug/l
 RT: 12.29 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: VF060242.D
 Acq: 10 Sep 2018 18:37

Instrument :
 MSVOA_F
 ClientSampleId :
 J4803-17MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	40.8	20.2	60.5

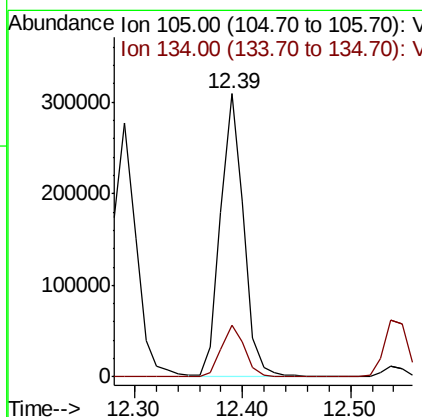
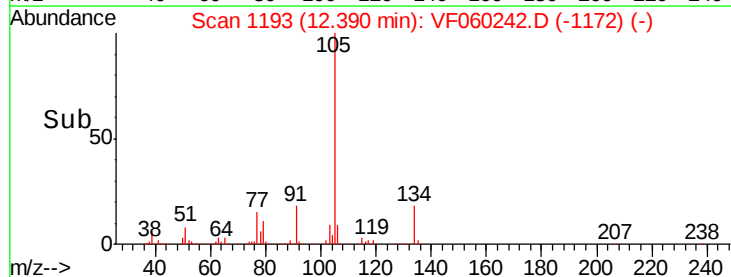
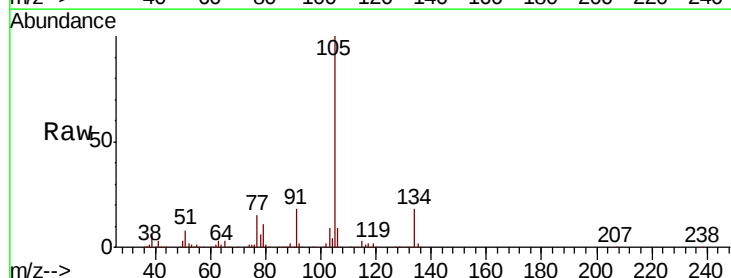
Manual Integrations
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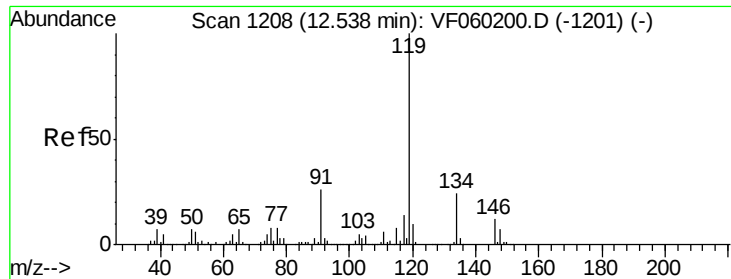
apatel
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#85
 sec-Butylbenzene
 Concen: 50.52 ug/l
 RT: 12.39 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: VF060242.D
 Acq: 10 Sep 2018 18:37

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.1	8.8	26.5





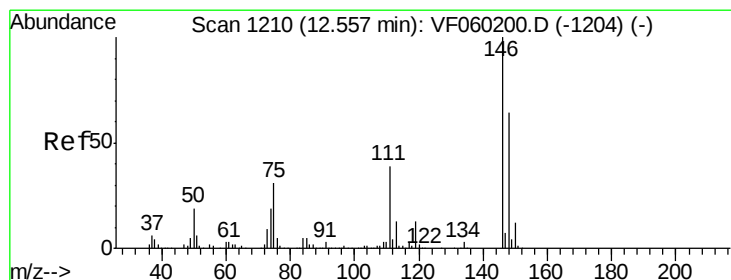
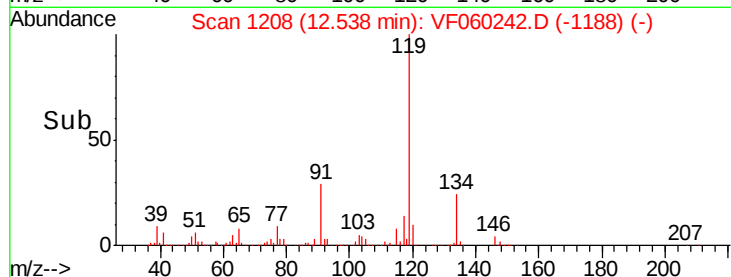
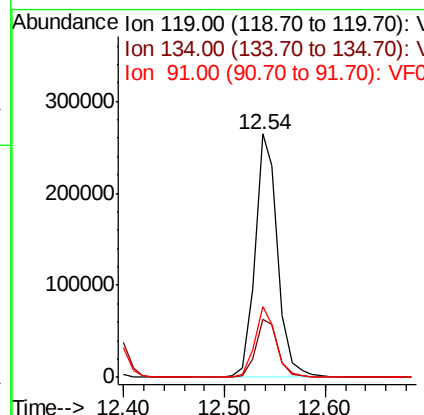
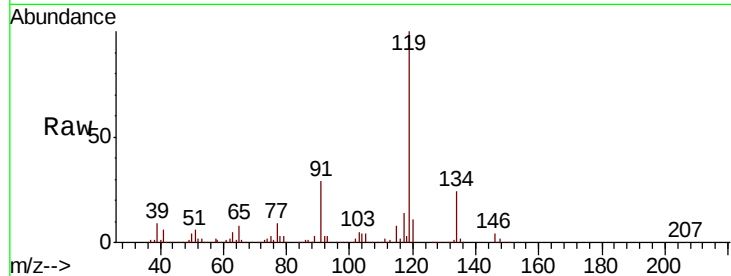
#86
p-Isopropyltoluene
Concen: 51.51 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Instrument :
MSVOA_F
ClientSampleId :
J4803-17MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	413292		
134	23.7	12.0	36.0	
91	29.0	12.9	38.7	

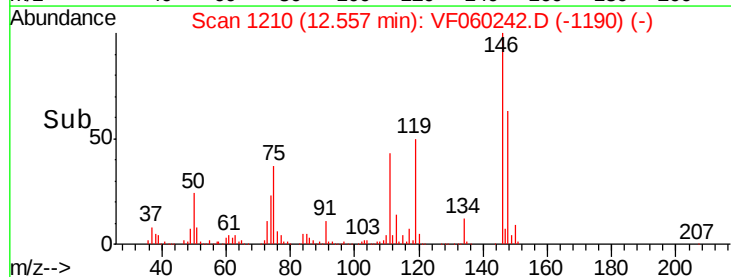
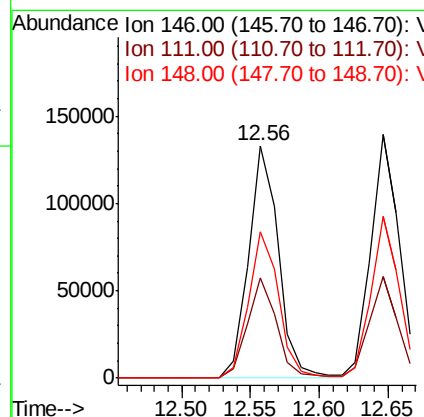
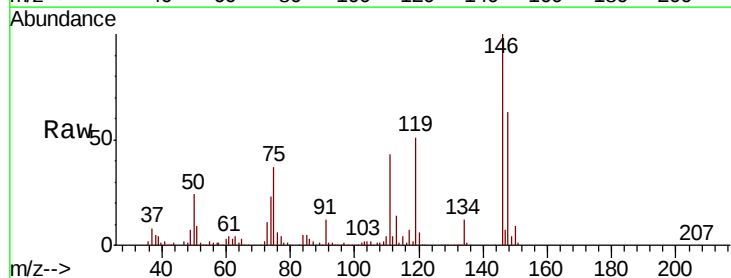
Manual Integrations
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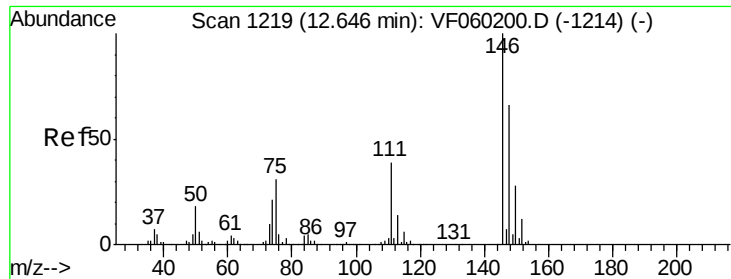
apatel
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#87
1,3-Dichlorobenzene
Concen: 52.09 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	202992		
111	43.1	19.7	59.1	
148	62.8	32.0	96.0	





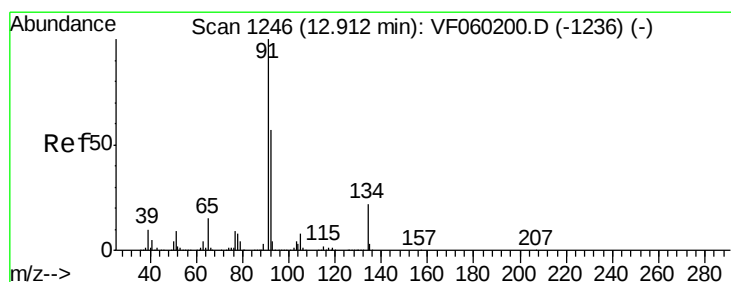
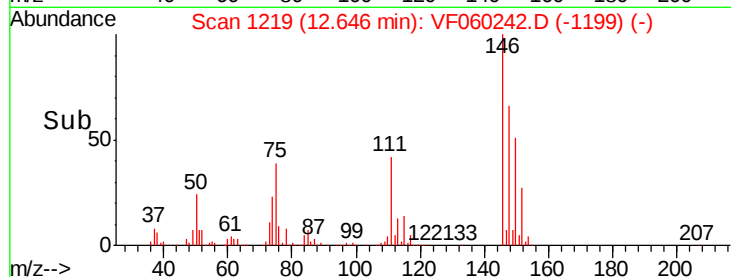
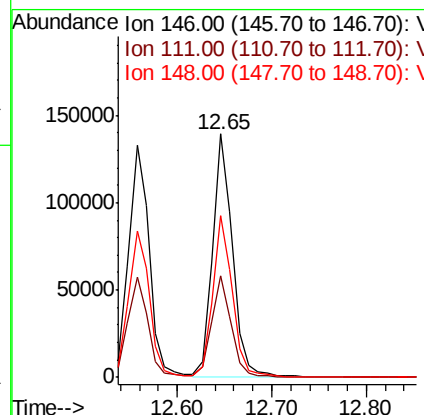
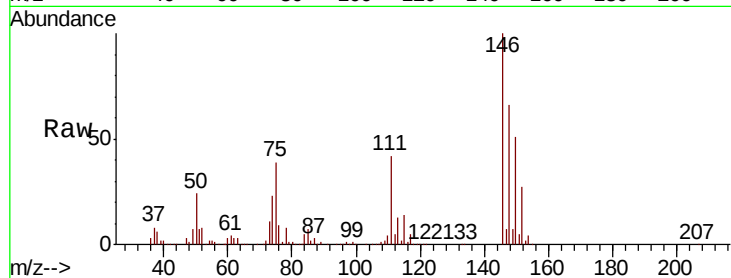
#88
 1,4-Dichlorobenzene
 Concen: 53.84 ug/l
 RT: 12.65 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VF060242.D
 Acq: 10 Sep 2018 18:37

Instrument :
 MSVOA_F
 ClientSampleId :
 J4803-17MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	19.7	59.1
148	66.3	33.1	99.5

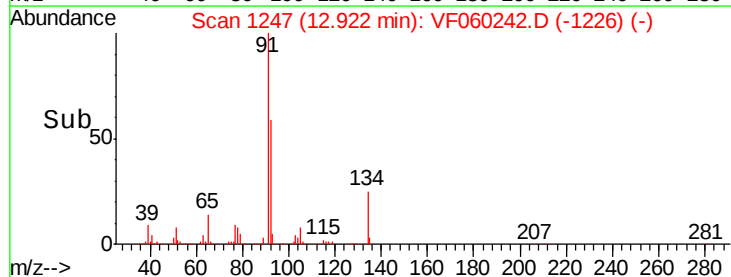
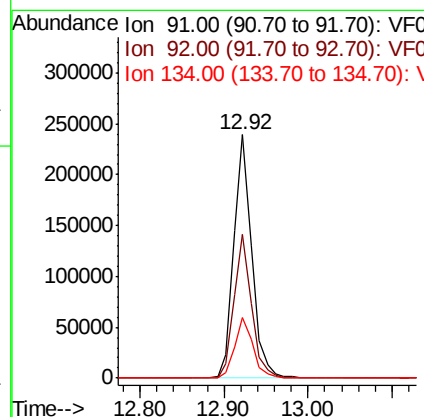
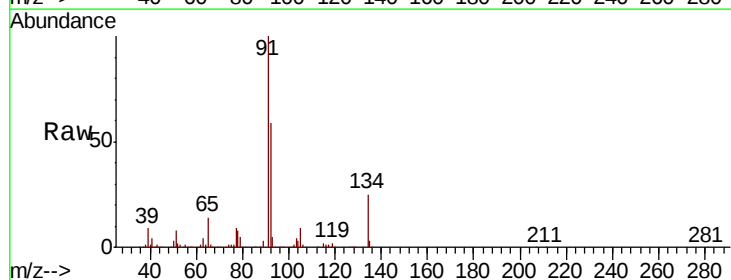
Manual Integrations
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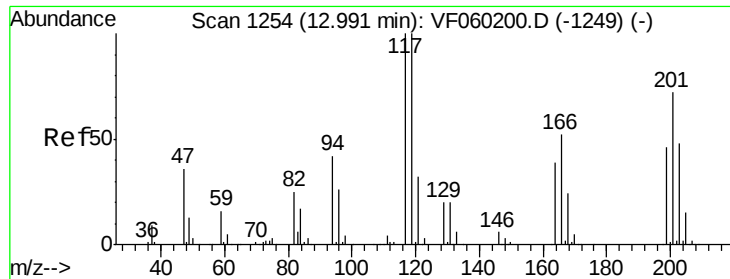
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#89
 n-Butylbenzene
 Concen: 45.51 ug/l
 RT: 12.92 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: VF060242.D
 Acq: 10 Sep 2018 18:37

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.1	28.4	85.3
134	25.0	11.1	33.3





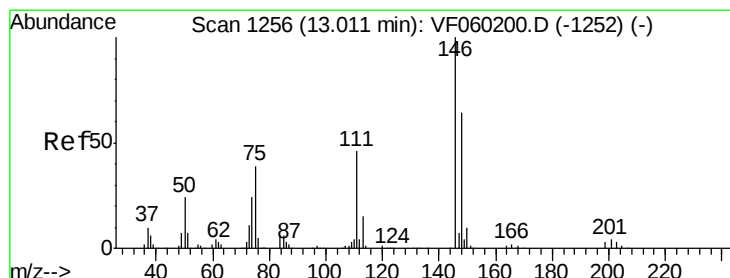
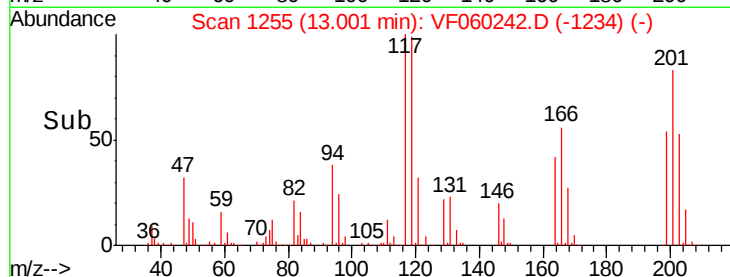
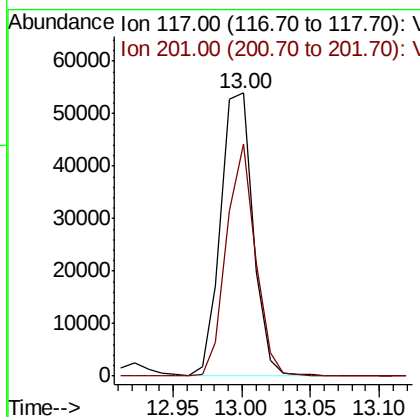
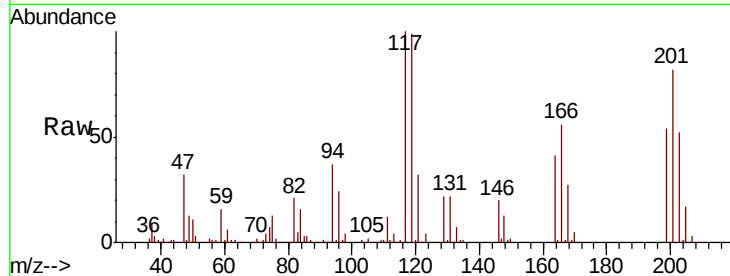
#90
 Hexachloroethane
 Concen: 54.54 ug/l
 RT: 13.00 min Scan# 1255
 Delta R.T. 0.01 min
 Lab File: VF060242.D
 Acq: 10 Sep 2018 18:37

Instrument :
 MSVOA_F
 ClientSampleId :
 J4803-17MS

Tot Ion:117 Resp: 88723
 Ion Ratio Lower Upper
 117 100
 201 82.1 35.7 107.1

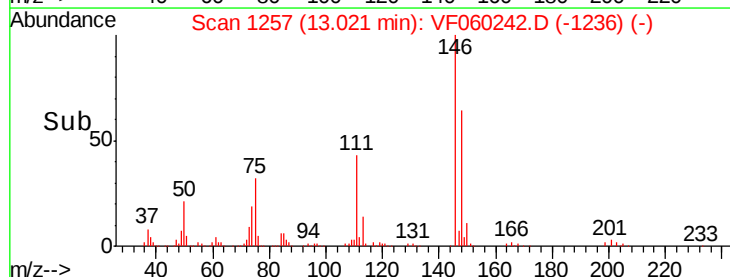
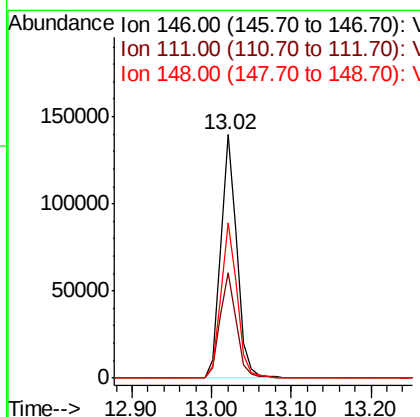
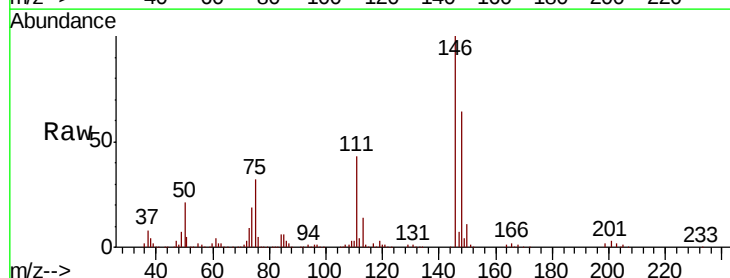
Manual Integrations
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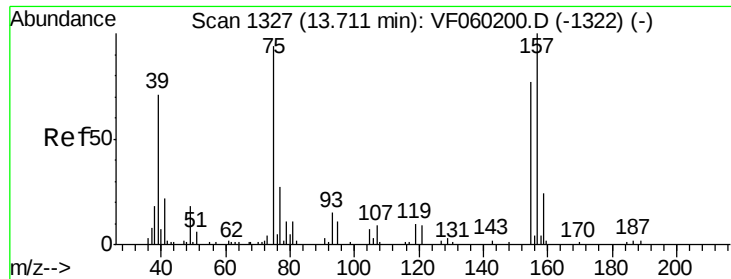
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#91
 1,2-Dichlorobenzene
 Concen: 54.50 ug/l
 RT: 13.02 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: VF060242.D
 Acq: 10 Sep 2018 18:37

Tgt Ion:146 Resp: 201628
 Ion Ratio Lower Upper
 146 100
 111 43.3 23.0 69.0
 148 64.0 32.2 96.6





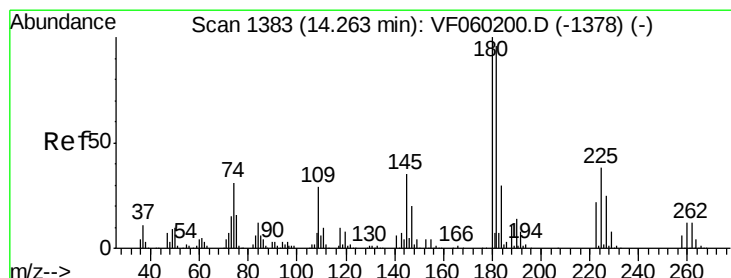
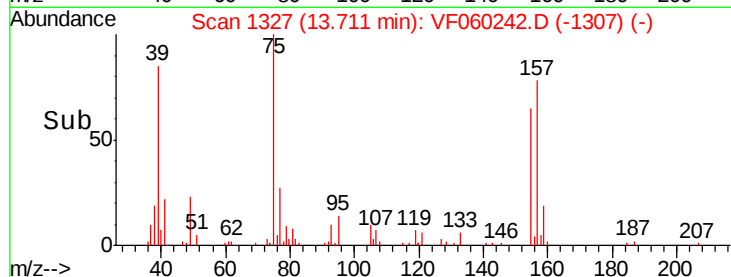
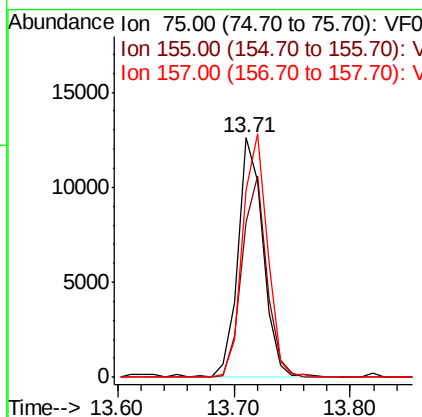
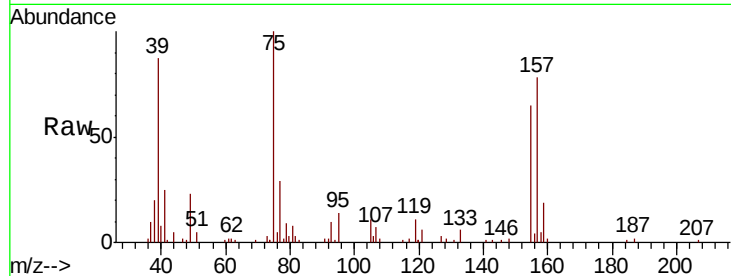
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.71 ug/l
 RT: 13.71 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: VF060242.D
 Acq: 10 Sep 2018 18:37

Instrument :
 MSVOA_F
 ClientSampleId :
 J4803-17MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	64.9	40.8	122.5
157	78.3	53.3	159.9

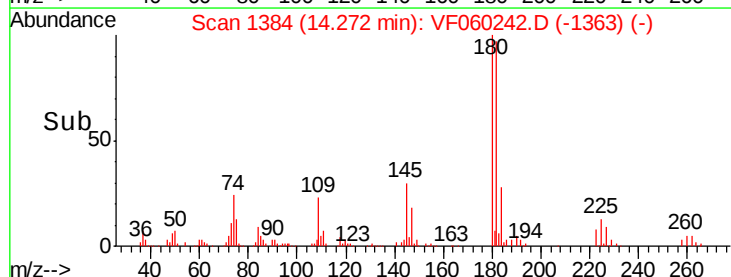
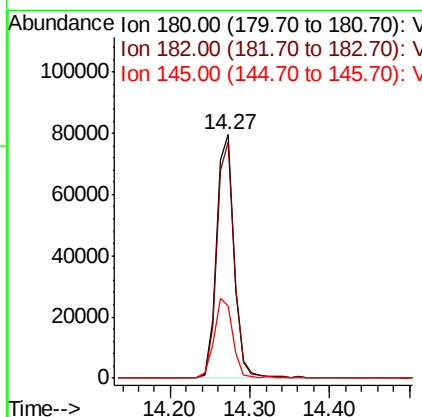
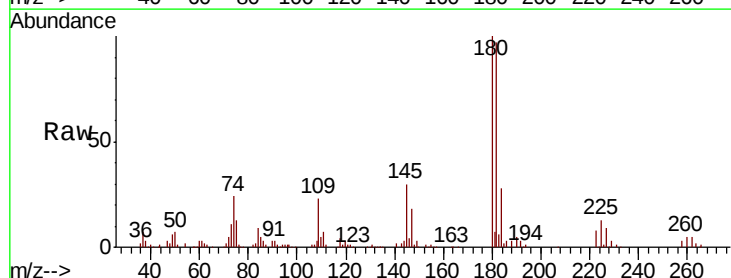
Manual Integrations
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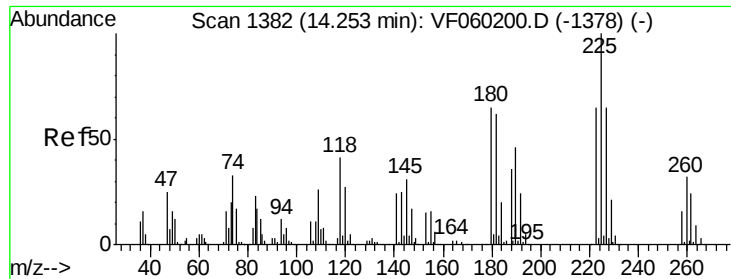
apatel
 9/11/2018 11:08:00 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 43.76 ug/l
 RT: 14.27 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: VF060242.D
 Acq: 10 Sep 2018 18:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.2	144.6
145	29.8	17.4	52.2





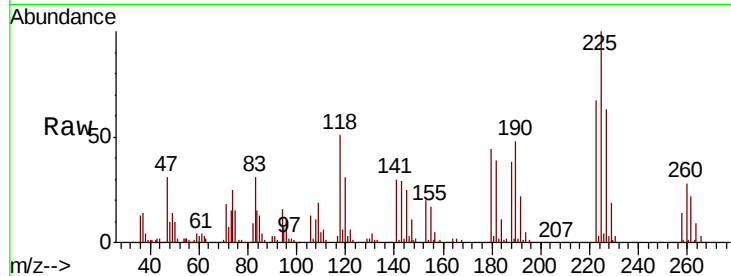
#94
Hexachlorobutadiene
Concen: 32.37 ug/l
RT: 14.25 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Instrument :
MSVOA_F
ClientSampled :
J4803-17MS

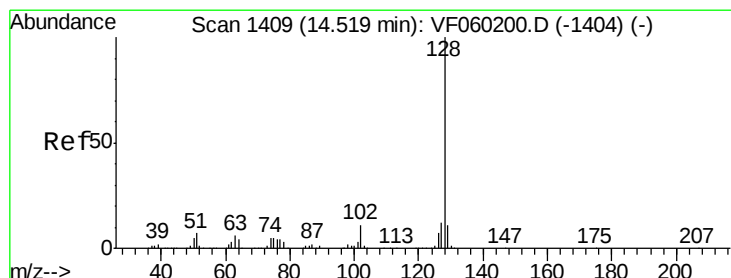
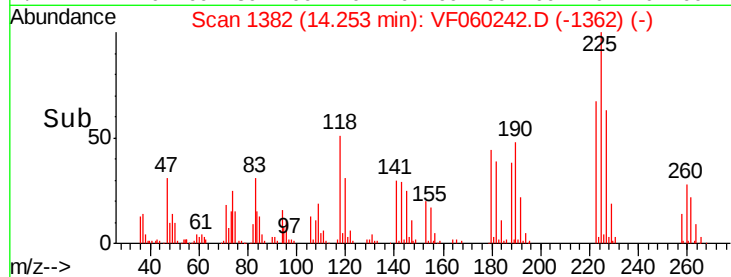
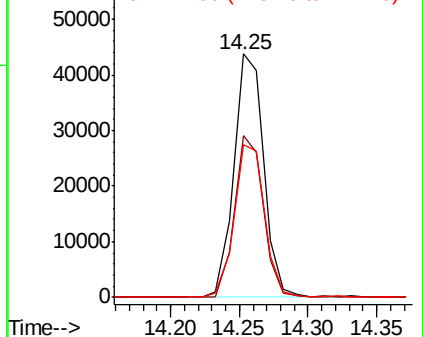
Tot Ion	Ratio	Lower	Upper
225	100		
223	66.5	32.3	96.8
227	62.5	32.4	97.0

Manual Integrations
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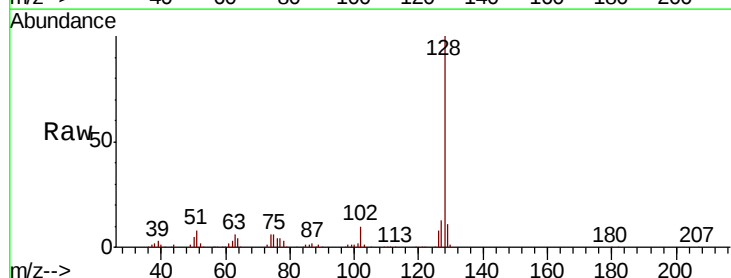


Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V

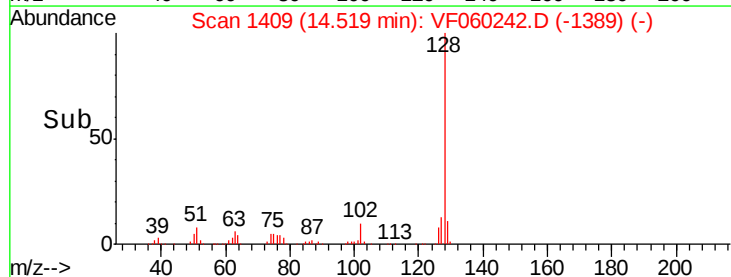
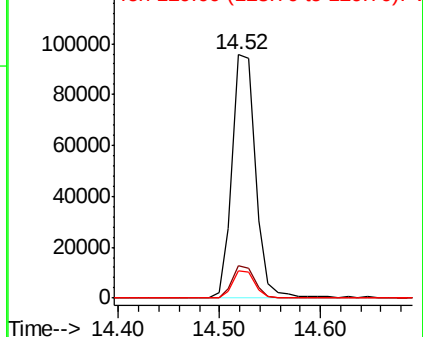


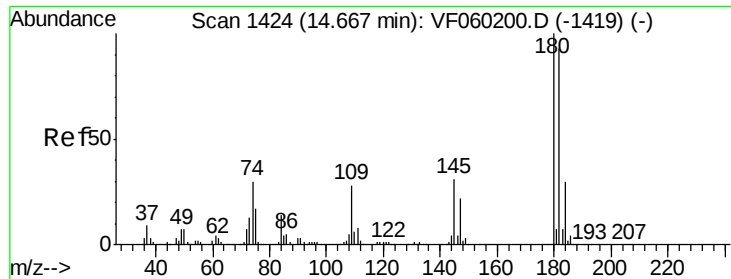
#95
Naphthalene
Concen: 35.58 ug/l
RT: 14.52 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VF060242.D
Acq: 10 Sep 2018 18:37

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	9.9	14.9
129	11.1	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 41.76 ug/l
 RT: 14.67 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: VF060242.D
 Acq: 10 Sep 2018 18:37

Instrument :
 MSVOA_F
 ClientSampleId :
 J4803-17MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	112082		
182	94.4	46.6	139.7	
145	34.5	15.7	47.0	

Manual Integrations
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