

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF102618\
 Data File : VF060518.D
 Acq On : 26 Oct 2018 16:03
 Operator : VA/AP
 Sample : VF1026SBS01
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1026SBS01

Manual Integrations
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apatel
 10/29/2018 12:12:05 PM

Quant Time: Oct 27 02:19:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 26 02:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	179612	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.77	114	256382	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	257215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	161015	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.02	65	168390	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
35) Dibromofluoromethane	4.29	113	166229	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	
50) Toluene-d8	7.71	98	306103	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.50	95	172510	50.22	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.99	85	112738	23.766	ug/l	95
3) Chloromethane	1.13	50	53375	23.517	ug/l #	81
4) Vinyl Chloride	1.18	62	60891	23.244	ug/l	92
5) Bromomethane	1.35	94	54511	20.661	ug/l	96
6) Chloroethane	1.43	64	37521	23.106	ug/l	100
7) Trichlorofluoromethane	1.54	101	170658	20.352	ug/l	94
8) Diethyl Ether	1.70	74	17434	22.293	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	1.89	101	70994	19.988	ug/l	96
10) Methyl Iodide	1.97	142	112531m	22.424	ug/l	
11) Tert butyl alcohol	2.68	59	18862	107.544	ug/l	96
12) 1,1-Dichloroethene	1.85	96	51953	20.317	ug/l	88
13) Acrolein	2.09	56	15946	100.429	ug/l	98
14) Allyl chloride	2.19	41	84609	20.671	ug/l	91
15) Acrylonitrile	3.07	53	33556	116.769	ug/l #	79
16) Acetone	2.34	43	106330	138.124	ug/l	95
17) Carbon Disulfide	1.87	76	160155	22.859	ug/l	96
18) Methyl Acetate	2.44	43	22408	19.114	ug/l #	90
19) Methyl tert-butyl Ether	2.53	73	136486	21.324	ug/l	93
20) Methylene Chloride	2.28	84	51028m	21.295	ug/l	
21) trans-1,2-Dichloroethene	2.40	96	54209	22.223	ug/l	96
22) Diisopropyl ether	2.92	45	159650	21.991	ug/l #	96
23) Vinyl Acetate	3.33	43	270353	117.732	ug/l	100
24) 1,1-Dichloroethane	3.00	63	114854	20.746	ug/l #	94
25) 2-Butanone	4.50	43	99717	157.291	ug/l	100
26) 2,2-Dichloropropane	3.75	77	75045	20.495	ug/l	92
27) cis-1,2-Dichloroethene	3.63	96	53765	23.091	ug/l	84
28) Bromochloromethane	3.88	49	34819	21.375	ug/l	92
29) Tetrahydrofuran	4.26	42	28590	125.650	ug/l	98
30) Chloroform	4.03	83	130912	20.503	ug/l	93
31) Cyclohexane	3.85	56	66510	24.331	ug/l	97
32) 1,1,1-Trichloroethane	4.27	97	126975	21.540	ug/l	98
36) 1,1-Dichloropropene	4.45	75	87958	23.180	ug/l	93
37) Ethyl Acetate	4.29	43	34738	31.044	ug/l #	76
38) Carbon Tetrachloride	4.16	117	140249	24.425	ug/l	89

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Quant Time: Oct 27 02:19:28 2018
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 Quant Title : SW846 8260
 QLast Update : Fri Oct 26 02:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.62	83	77498	25.026	ug/l	84
40) Benzene	4.80	78	148260	23.748	ug/l #	90
41) Methacrylonitrile	4.92	41	16725	26.287	ug/l	90
42) 1,2-Dichloroethane	5.12	62	87032	21.567	ug/l	100
43) Isopropyl Acetate	7.11	43	30556	23.366	ug/l	98
44) Trichloroethene	5.68	130	48828	22.418	ug/l	98
45) 1,2-Dichloropropane	6.41	63	33553	21.224	ug/l	90
46) Dibromomethane	6.25	93	31315	21.109	ug/l	93
47) Bromodichloromethane	6.54	83	91215	21.917	ug/l	94
48) Methyl methacrylate	6.87	41	20259	20.551	ug/l	87
49) 1,4-Dioxane	6.86	88	4041	475.775	ug/l	89
51) 4-Methyl-2-Pentanone	8.40	43	120383	117.841	ug/l	94
52) Toluene	7.78	92	93959	22.888	ug/l	98
53) t-1,3-Dichloropropene	8.43	75	63825	20.711	ug/l	94
54) cis-1,3-Dichloropropene	7.45	75	70280	22.139	ug/l	95
55) 1,1,2-Trichloroethane	8.64	97	28256	21.742	ug/l	89
56) Ethyl methacrylate	8.75	69	33519	24.181	ug/l #	82
57) 1,3-Dichloropropane	9.00	76	49133	21.588	ug/l	89
58) 2-Chloroethyl Vinyl ether	7.78	63	21363	111.453	ug/l	100
59) 2-Hexanone	9.63	43	96985	136.153	ug/l	96
60) Dibromochloromethane	8.86	129	53079	21.506	ug/l	85
61) 1,2-Dibromoethane	9.14	107	33780	21.862	ug/l	91
64) Tetrachloroethene	8.31	164	45947	21.190	ug/l	92
65) Chlorobenzene	9.94	112	111936	20.700	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	10.06	131	57690	20.610	ug/l	98
67) Ethyl Benzene	10.03	91	228392	20.683	ug/l	97
68) m/p-Xylenes	10.26	106	145277	41.907	ug/l	99
69) o-Xylene	10.82	106	84474	21.723	ug/l	94
70) Styrene	10.90	104	118171	21.767	ug/l	99
71) Bromoform	10.88	173	29800	20.008	ug/l	98
73) Isopropylbenzene	11.23	105	287617	22.486	ug/l	100
74) N-amyl acetate	11.46	43	59612	26.244	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.79	83	43465	23.584	ug/l	88
76) 1,2,3-Trichloropropane	11.88	75	33903	21.069	ug/l	82
77) Bromobenzene	11.59	156	58309	21.866	ug/l	93
78) n-propylbenzene	11.69	91	346556	23.175	ug/l	98
79) 2-Chlorotoluene	11.81	91	206880	22.829	ug/l	96
80) 1,3,5-Trimethylbenzene	11.91	105	248861	22.154	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.96	75	14846m	21.934	ug/l	
82) 4-Chlorotoluene	11.99	91	207293	21.650	ug/l	98
83) tert-Butylbenzene	12.21	119	246184	21.696	ug/l	98
84) 1,2,4-Trimethylbenzene	12.28	105	238603	21.429	ug/l	99
85) sec-Butylbenzene	12.39	105	325223	21.357	ug/l	100
86) p-Isopropyltoluene	12.54	119	279080	21.572	ug/l	99
87) 1,3-Dichlorobenzene	12.56	146	115652	21.337	ug/l	93
88) 1,4-Dichlorobenzene	12.65	146	113584	21.633	ug/l	98
89) n-Butylbenzene	12.92	91	290404	21.102	ug/l	95
90) Hexachloroethane	12.99	117	73919	21.775	ug/l	94
91) 1,2-Dichlorobenzene	13.02	146	111062	21.364	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.71	75	10815	23.019	ug/l	97

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ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VF1026SBSD01

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Quant Title : SW846 8260
QLast Update : Fri Oct 26 02:17:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	86764	20.498	ug/l	96
94) Hexachlorobutadiene	14.25	225	65858	20.803	ug/l	97
95) Naphthalene	14.52	128	152369	22.823	ug/l	100
96) 1,2,3-Trichlorobenzene	14.67	180	86522	22.223	ug/l	95

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

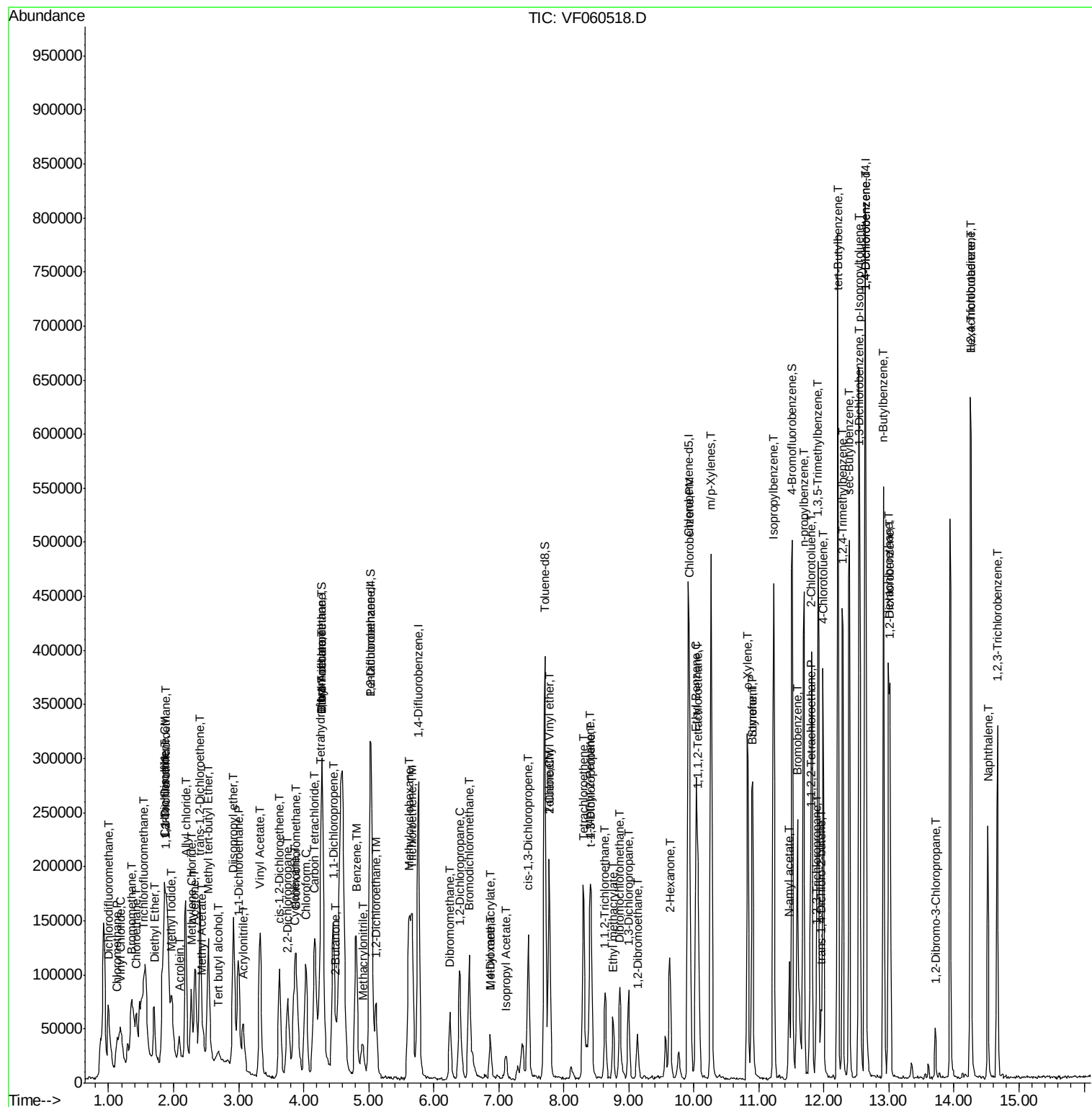
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF102618\
 Data File : VF060518.D
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 Operator : VA/AP
 Sample : VF1026SBSD01
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 34 Sample Multiplier: 1

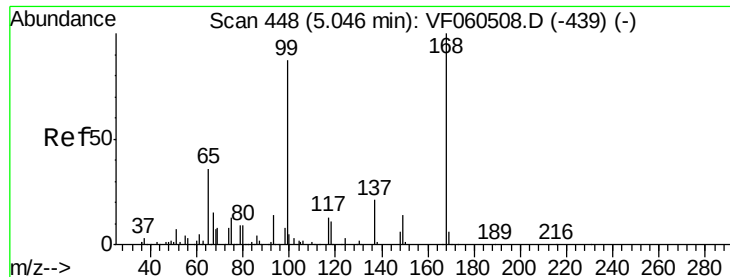
Instrument :
 MSVOA_F
 ClientSampleId :
 VF1026SBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 447

Delta R.T. -0.01 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

VF1026SBSD01

Tot Ion:168 Resp: 179612

Ion Ratio Lower Upper

168 100

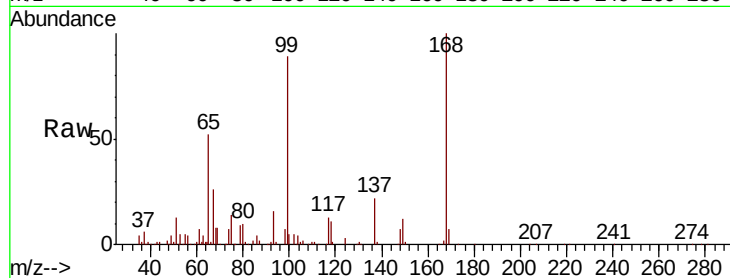
99 89.2 69.9 104.9

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

60000

40000

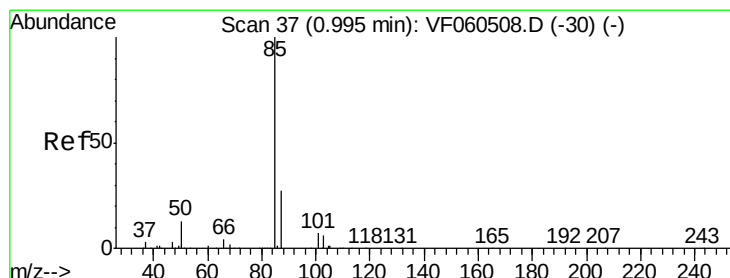
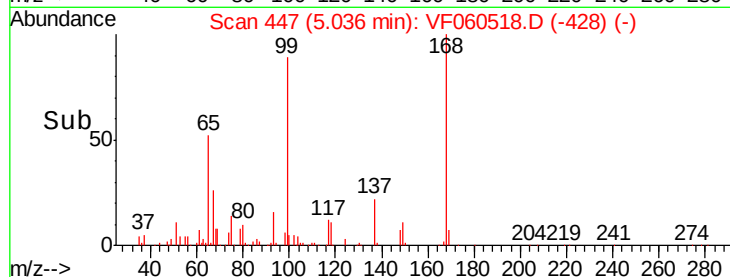
20000

0

Time-->

4.90 5.00 5.10 5.20

5.04



#2

Dichlorodifluoromethane

Concen: 23.766 ug/l

RT: 0.99 min Scan# 37

Delta R.T. 0.00 min

Lab File: VF060518.D

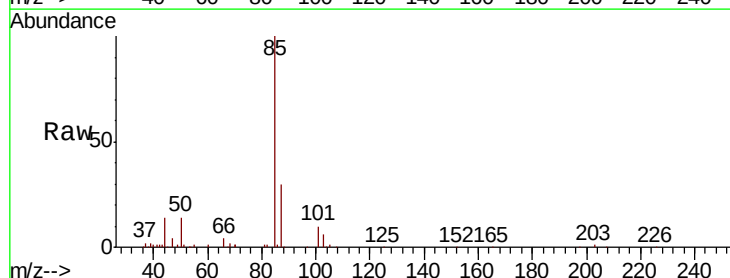
Acq: 26 Oct 2018 16:03

Tgt Ion: 85 Resp: 112738

Ion Ratio Lower Upper

85 100

87 29.6 13.5 40.4



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

40000

30000

20000

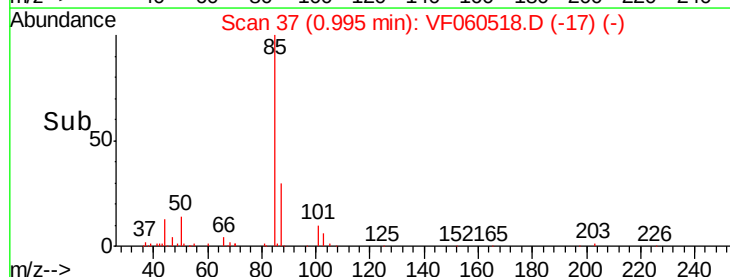
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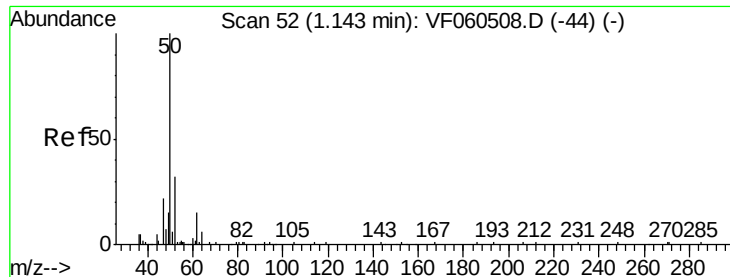
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Time-->

0.90 1.00 1.10 1.20

0.99





#3

Chloromethane

Concen: 23.517 ug/l

RT: 1.13 min Scan# 51

Delta R.T. -0.01 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

VF1026SBS01

Tot Ion: 50 Resp: 53375

Ion Ratio Lower Upper

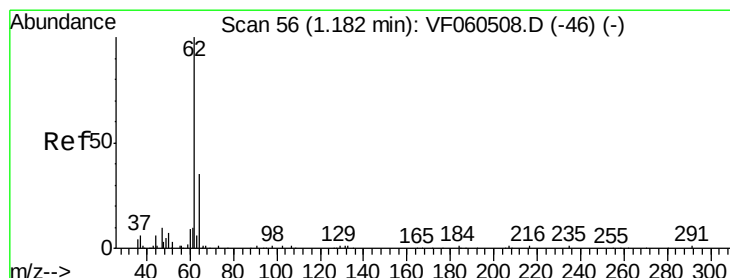
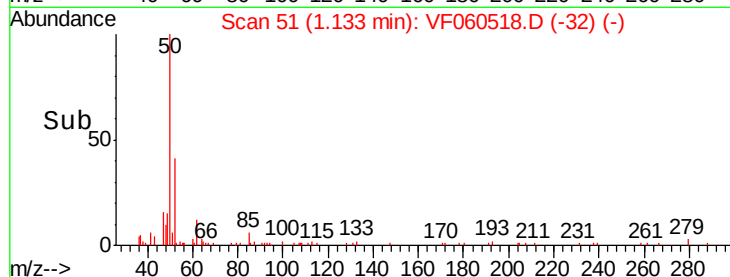
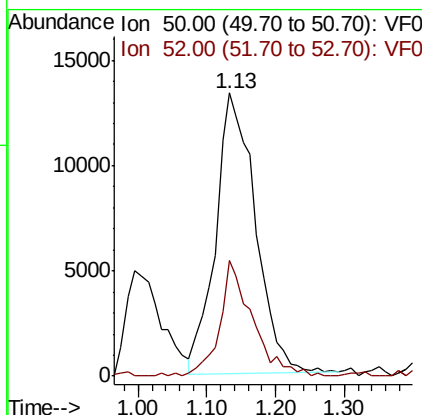
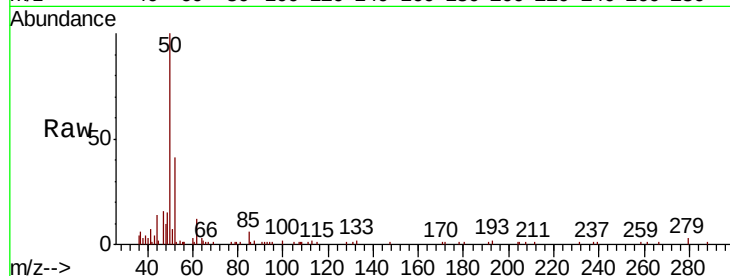
50 100

52 40.8 24.5 36.7#

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#4

Vinyl Chloride

Concen: 23.244 ug/l

RT: 1.18 min Scan# 56

Delta R.T. -0.00 min

Lab File: VF060518.D

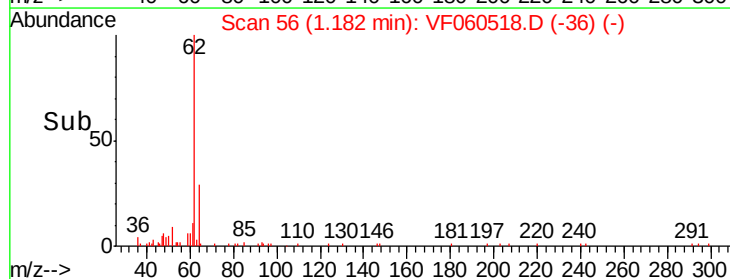
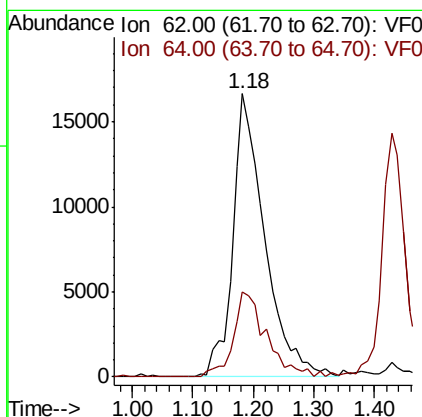
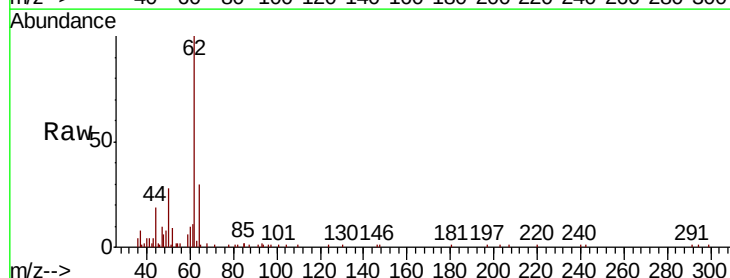
Acq: 26 Oct 2018 16:03

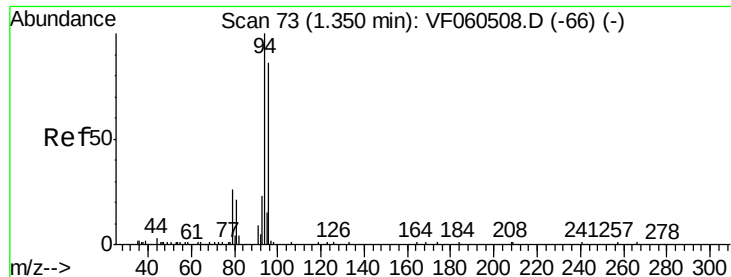
Tgt Ion: 62 Resp: 60891

Ion Ratio Lower Upper

62 100

64 30.0 27.8 41.8





#5

Bromomethane

Concen: 20.661 ug/l

RT: 1.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

VF1026SBSD01

Tot Ion: 94 Resp: 54511

Ion Ratio Lower Upper

94 100

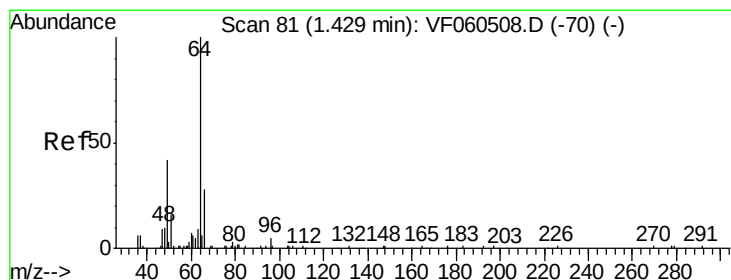
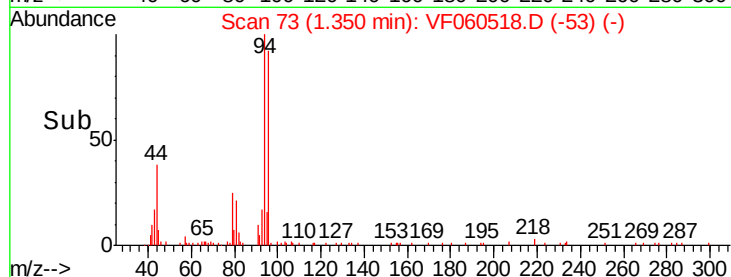
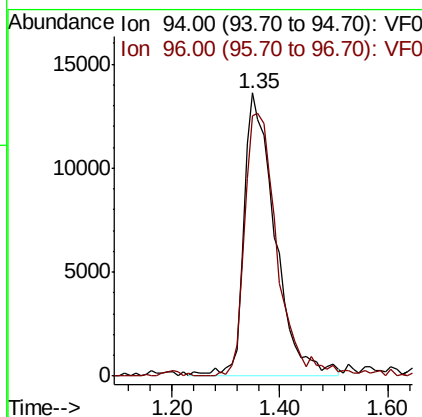
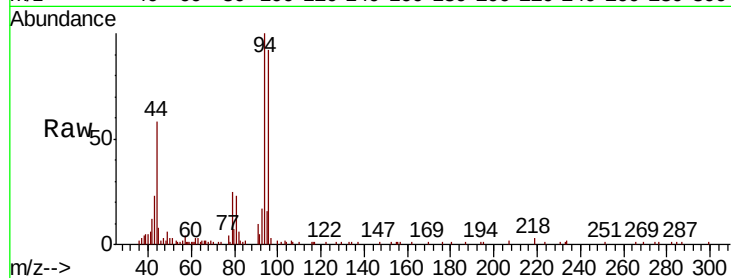
96 92.1 70.6 105.8

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#6

Chloroethane

Concen: 23.106 ug/l

RT: 1.43 min Scan# 81

Delta R.T. 0.00 min

Lab File: VF060518.D

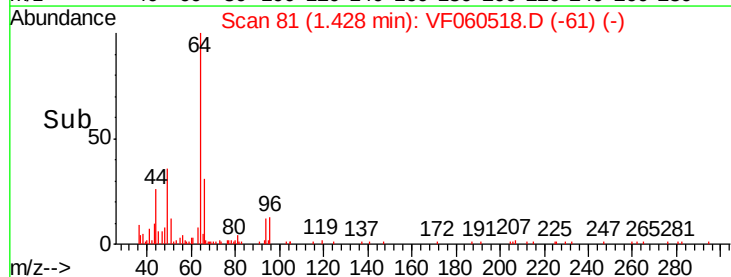
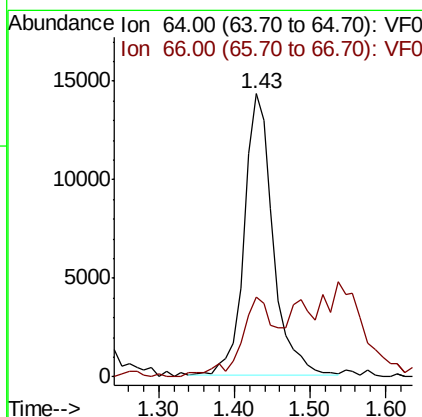
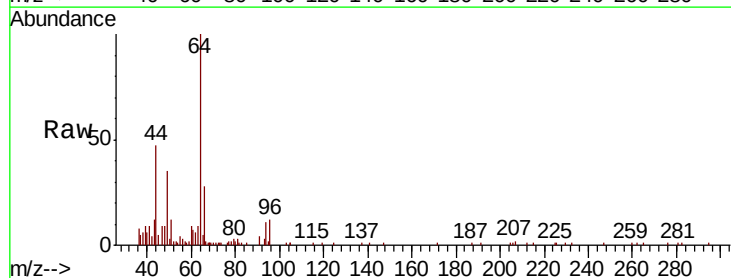
Acq: 26 Oct 2018 16:03

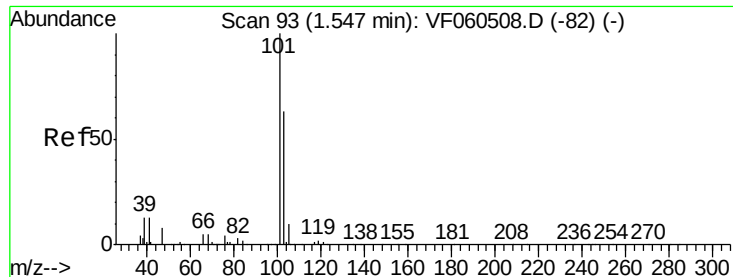
Tgt Ion: 64 Resp: 37521

Ion Ratio Lower Upper

64 100

66 28.1 22.4 33.6





#7

Trichlorofluoromethane

Concen: 20.352 ug/l

RT: 1.54 min Scan# 92

Delta R.T. -0.01 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

VF1026SBSD01

Tot Ion:101 Resp: 170658

Ion Ratio Lower Upper

101 100

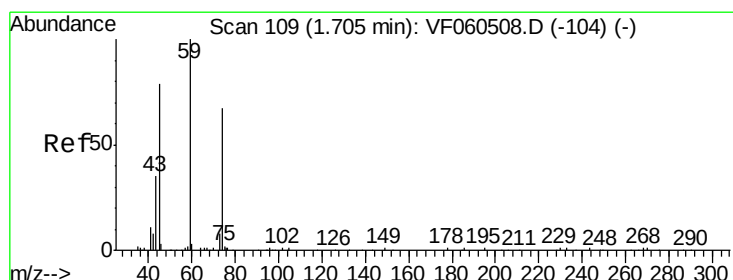
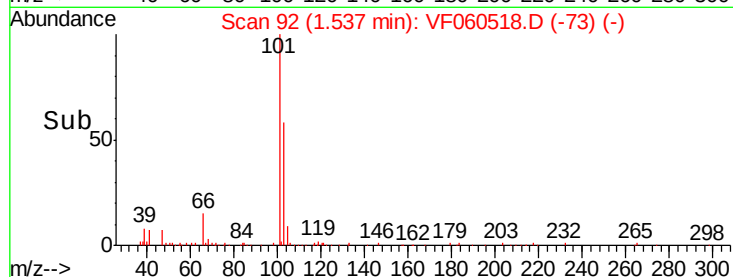
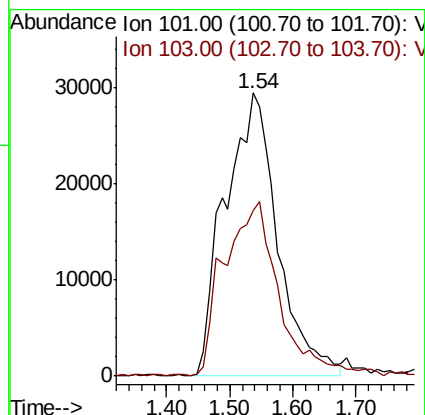
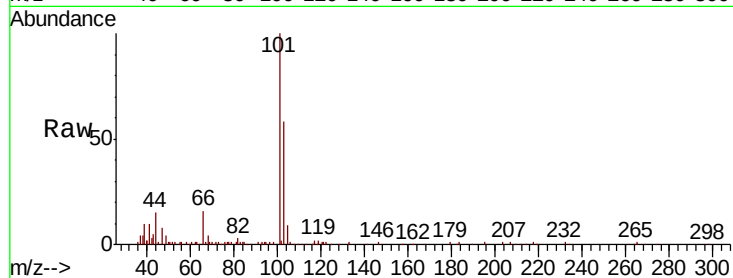
103 58.5 50.4 75.6

Manual Integrations

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#8

Diethyl Ether

Concen: 22.293 ug/l

RT: 1.70 min Scan# 109

Delta R.T. -0.00 min

Lab File: VF060518.D

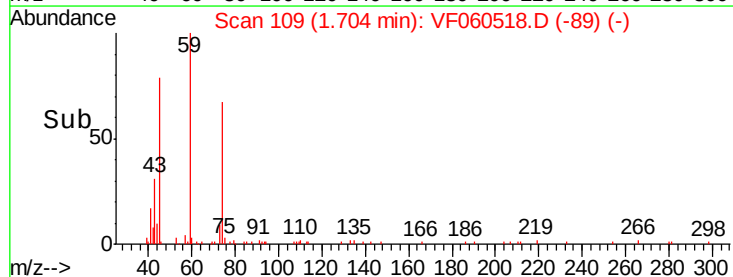
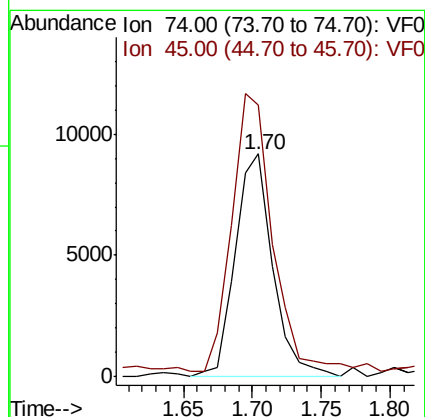
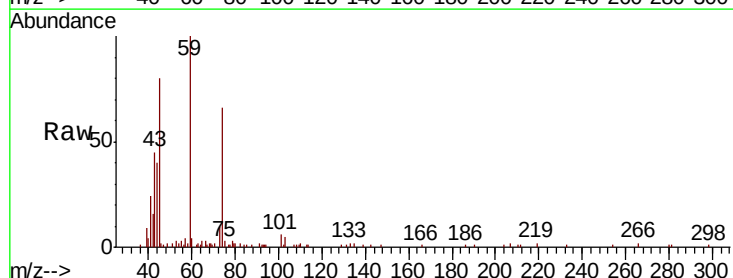
Acq: 26 Oct 2018 16:03

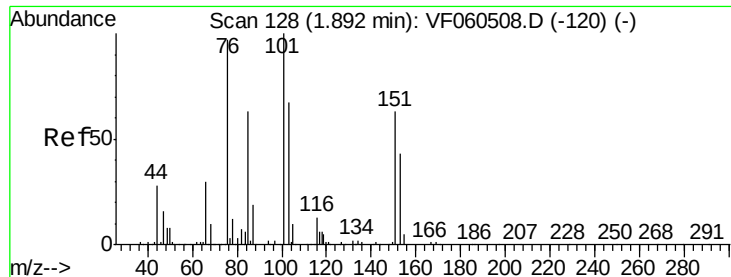
Tgt Ion: 74 Resp: 17434

Ion Ratio Lower Upper

74 100

45 122.1 62.1 186.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.988 ug/l

RT: 1.89 min Scan# 128

Delta R.T. 0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

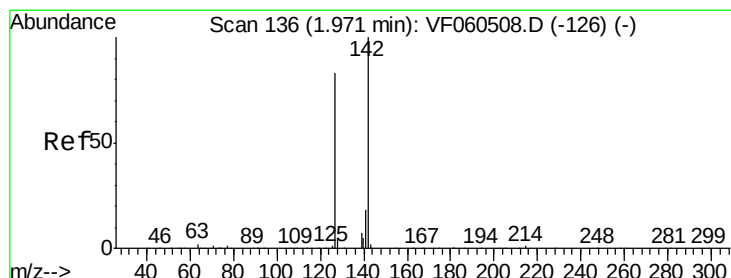
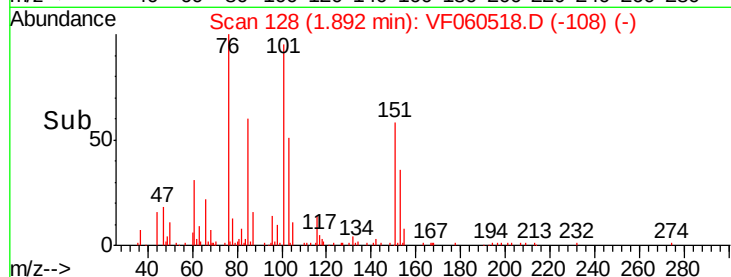
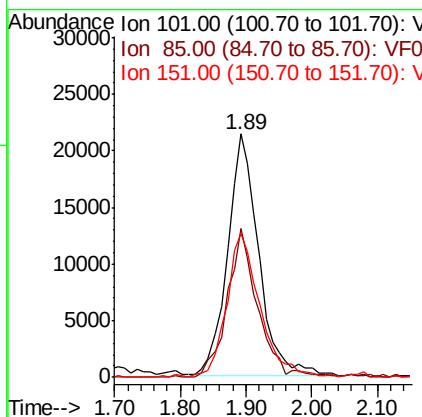
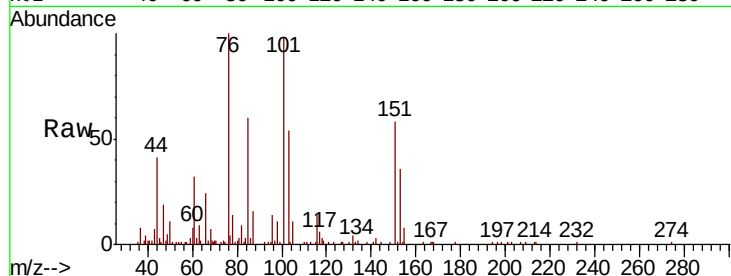
ClientSampleId :

VF1026SBS01

Tot Ion:	101	Resp:	70994
Ion Ratio	Lower	Upper	
101	100		
85	61.2	49.9	74.9
151	58.8	50.6	76.0

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#10

Methyl Iodide

Concen: 22.424 ug/l m

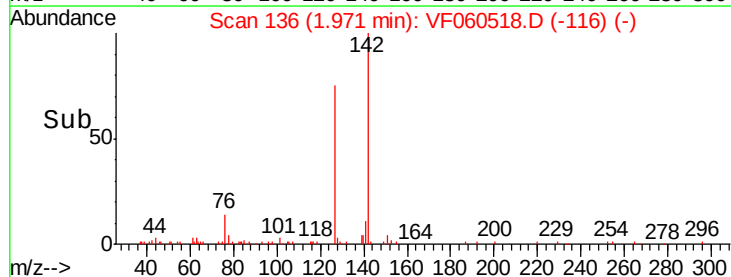
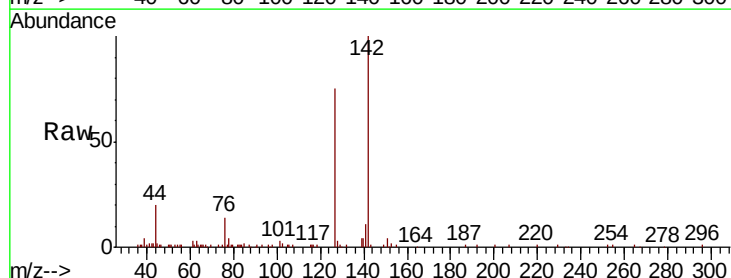
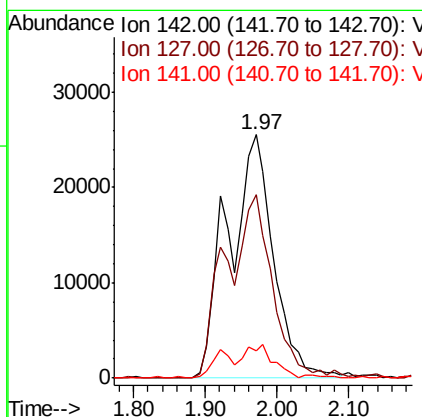
RT: 1.97 min Scan# 136

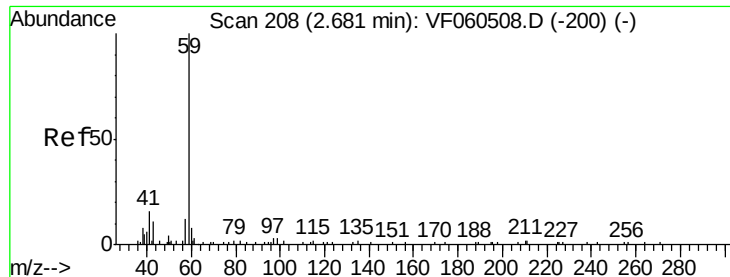
Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Tgt Ion:	142	Resp:	112531
Ion Ratio	Lower	Upper	
142	100		
127	75.3	66.5	99.7
141	11.4	14.2	21.4#





#11

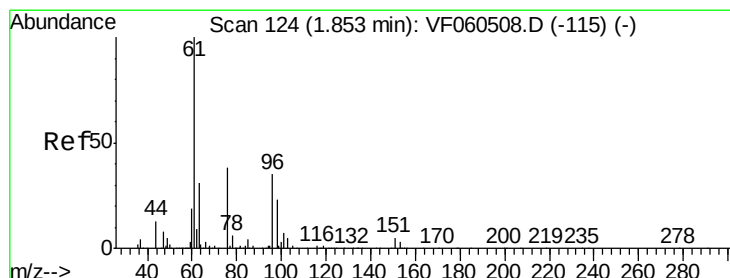
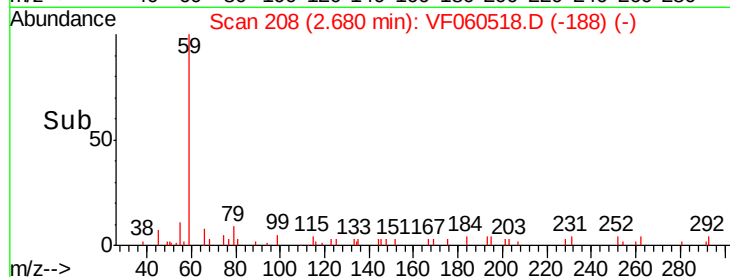
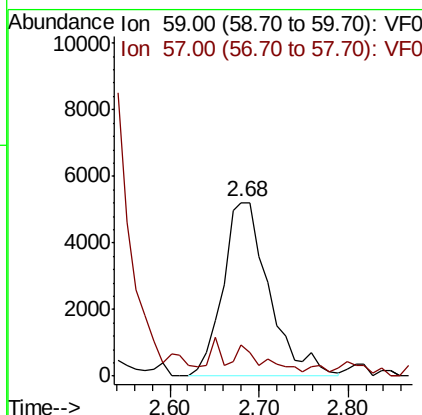
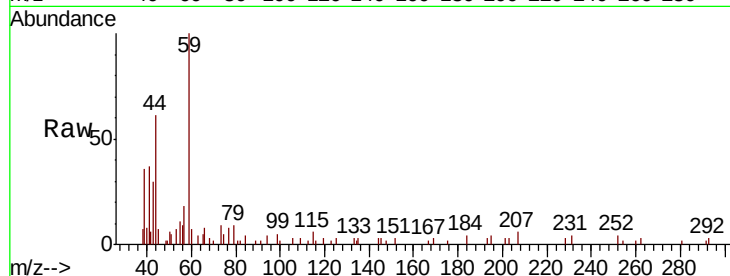
Tert butyl alcohol
Concen: 107.544 ug/l
RT: 2.68 min Scan# 208
Delta R.T. 0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Instrument :
MSVOA_F
ClientSampleId :
VF1026SBSD01

Tot Ion	59	Resp	18862
Ion Ratio	59	100	
Lower	57	17.8	15.8
Upper			23.8

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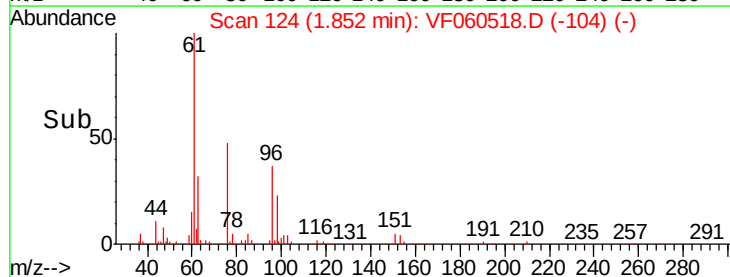
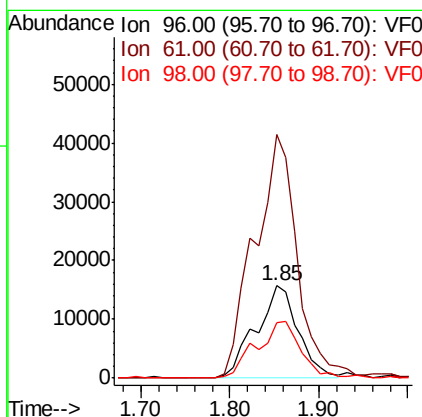
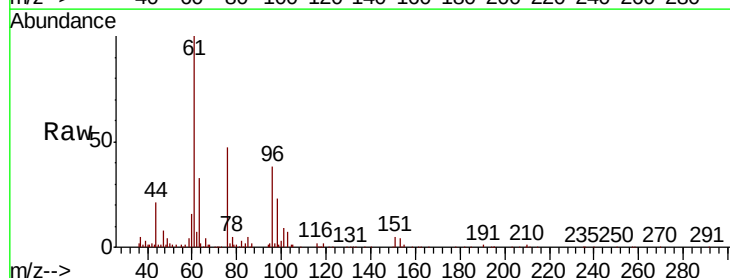
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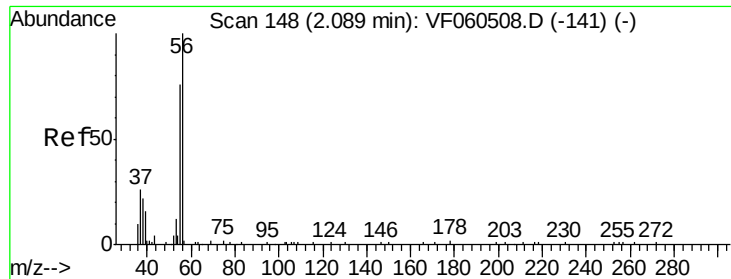


#12

1,1-Dichloroethene
Concen: 20.317 ug/l
RT: 1.85 min Scan# 124
Delta R.T. -0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Tgt Ion	96	Resp	51953
Ion Ratio	96	100	
Lower	61	264.0	231.4
Upper	98	60.3	53.3
			79.9





#13

Acrolein

Concen: 100.429 ug/l

RT: 2.09 min Scan# 148

Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

VF1026SBS01

Tot Ion: 56 Resp: 15946

Ion Ratio Lower Upper

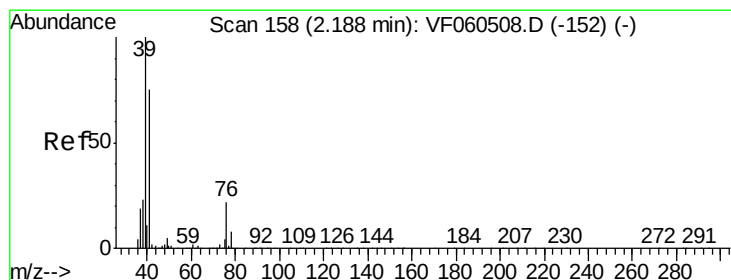
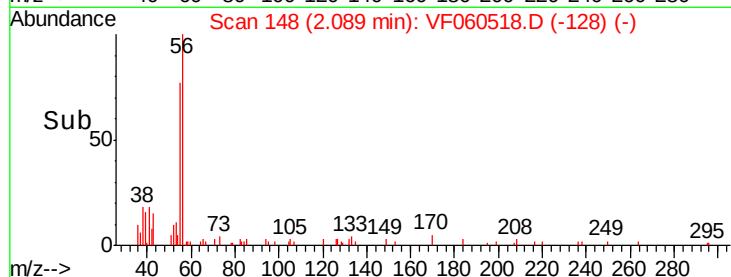
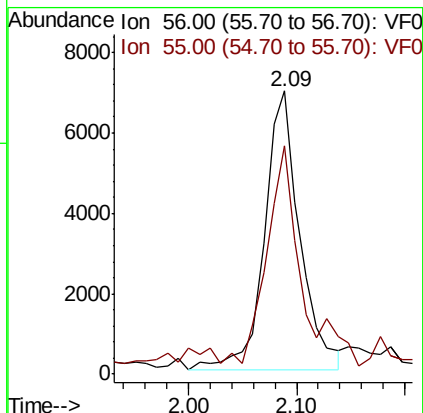
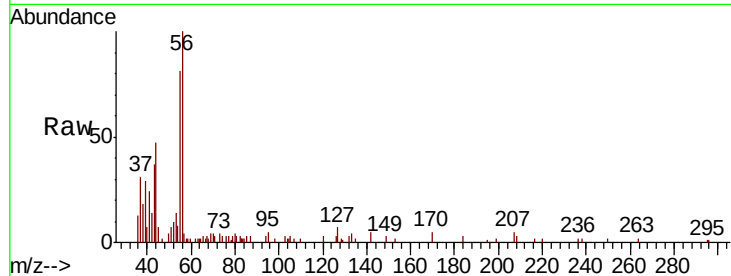
56 100

55 80.9 63.0 94.4

Manual Integrations
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#14

Allyl chloride

Concen: 20.671 ug/l

RT: 2.19 min Scan# 158

Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

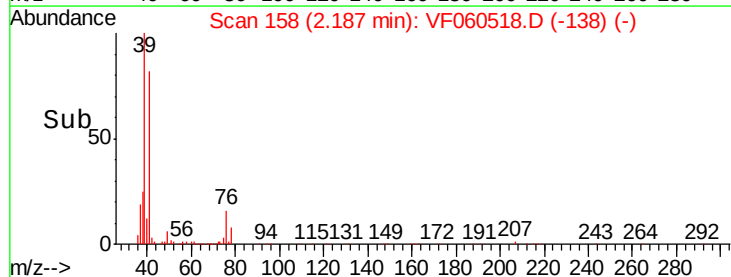
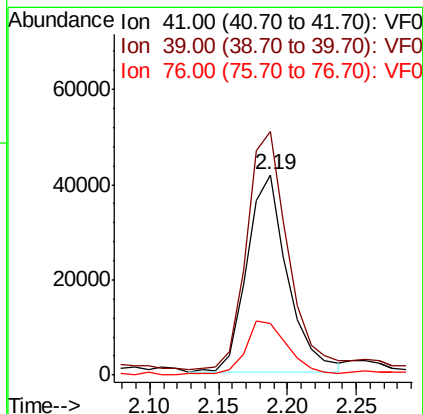
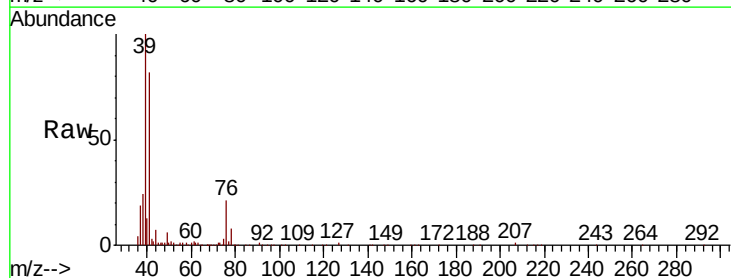
Tgt Ion: 41 Resp: 84609

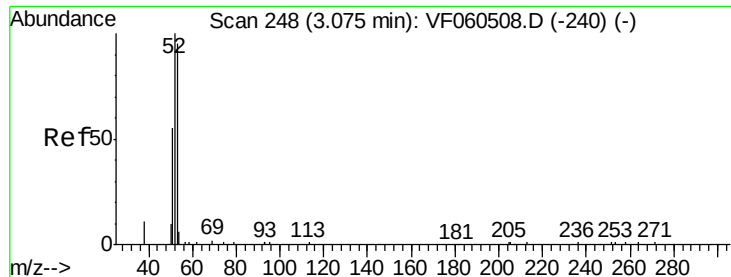
Ion Ratio Lower Upper

41 100

39 121.3 106.0 159.0

76 25.4 24.1 36.1





#15

Acrylonitrile

Concen: 116.769 ug/l

RT: 3.07 min Scan# 248

Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

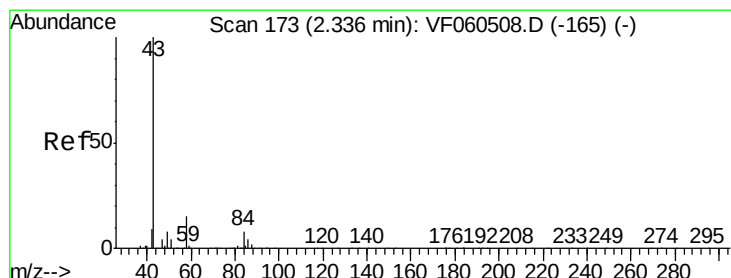
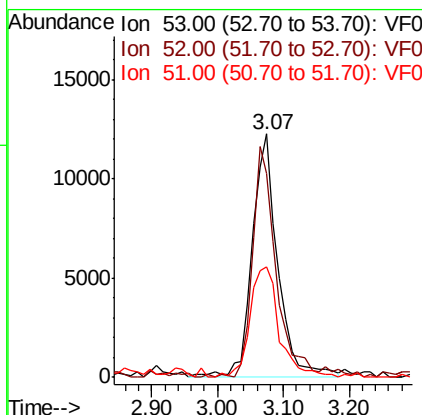
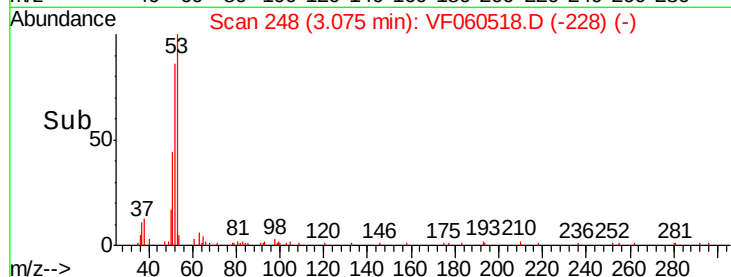
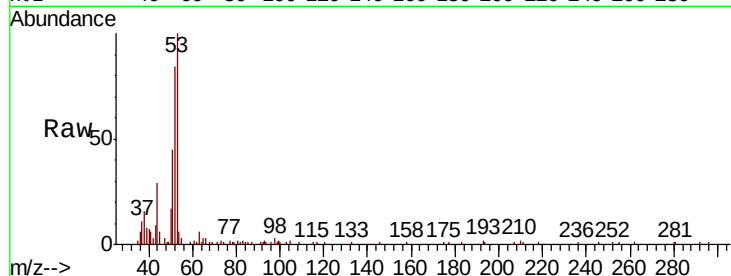
ClientSampleId :

VF1026SBS01

Tot Ion:	53	Resp:	33556
Ion	Ratio	Lower	Upper
53	100		
52	83.6	84.0	126.0#
51	45.3	48.6	73.0#

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#16

Acetone

Concen: 138.124 ug/l

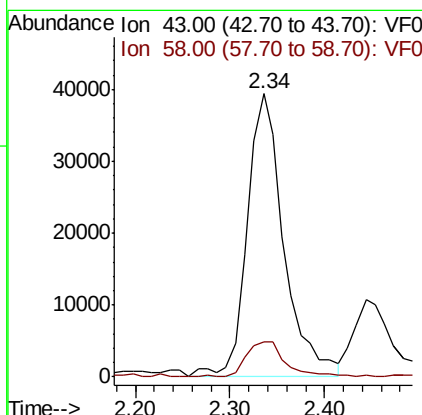
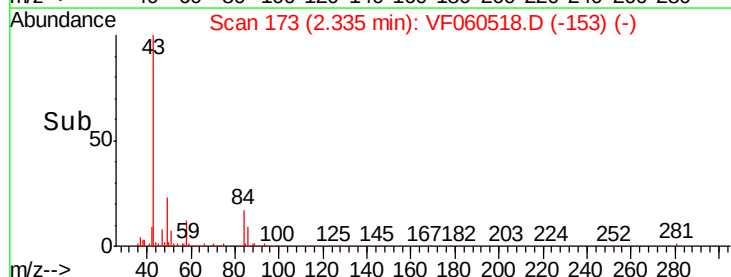
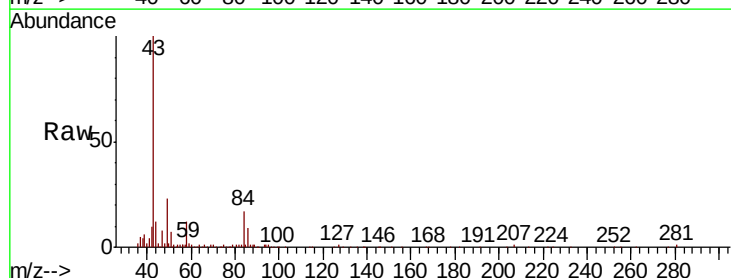
RT: 2.34 min Scan# 173

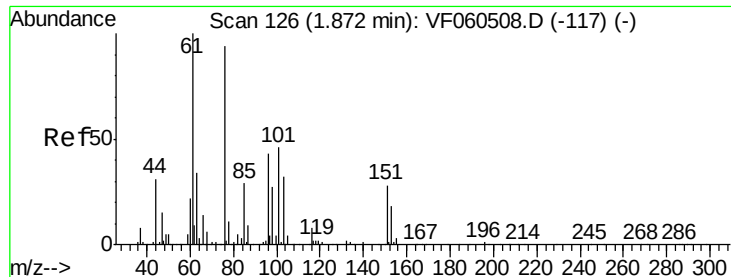
Delta R.T. 0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Tgt Ion:	43	Resp:	106330
Ion	Ratio	Lower	Upper
43	100		
58	12.4	11.7	17.5





#17

Carbon Disulfide

Concen: 22.859 ug/l

RT: 1.87 min Scan# 126

Delta R.T. 0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

VF1026SBSD01

Tot Ion: 76 Resp: 160155

Ion Ratio Lower Upper

76 100

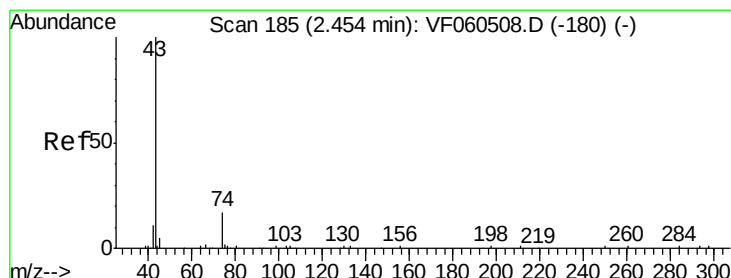
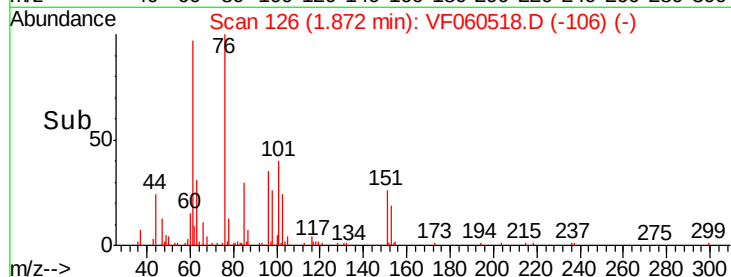
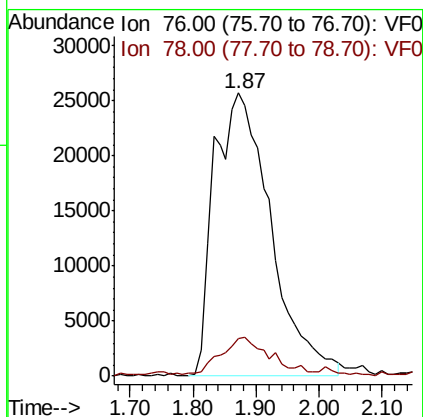
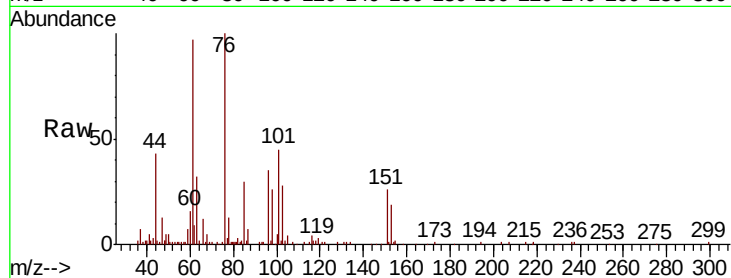
78 13.1 9.2 13.8

Manual Integrations

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#18

Methyl Acetate

Concen: 19.114 ug/l

RT: 2.44 min Scan# 184

Delta R.T. -0.01 min

Lab File: VF060518.D

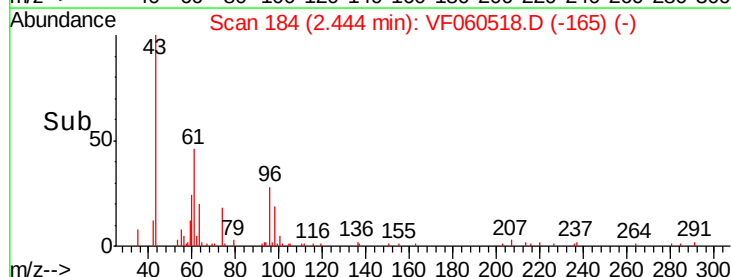
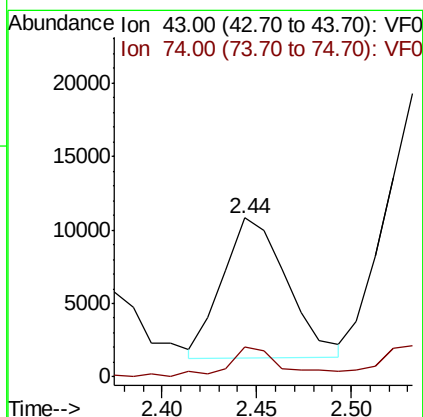
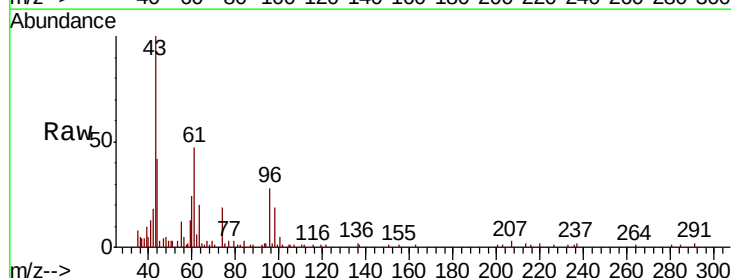
Acq: 26 Oct 2018 16:03

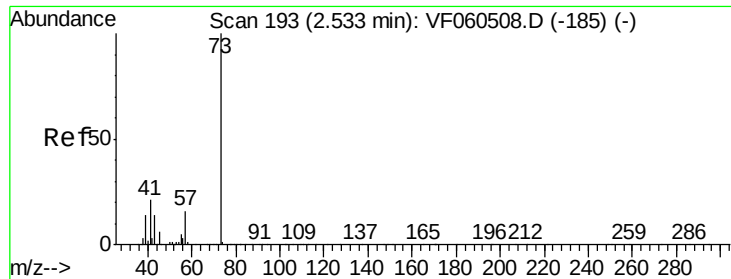
Tgt Ion: 43 Resp: 22408

Ion Ratio Lower Upper

43 100

74 19.2 12.1 18.1#





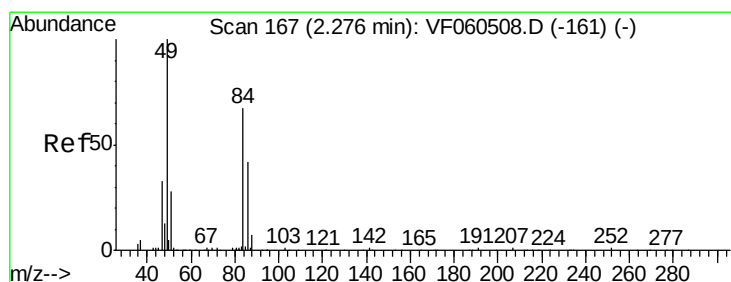
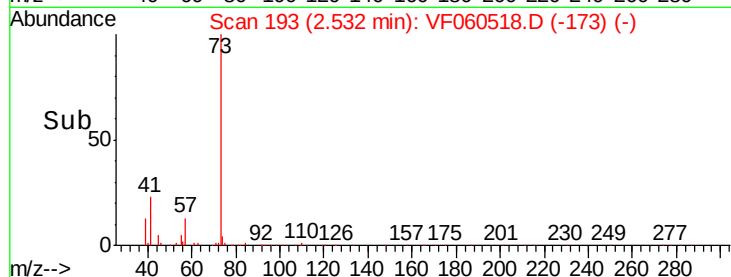
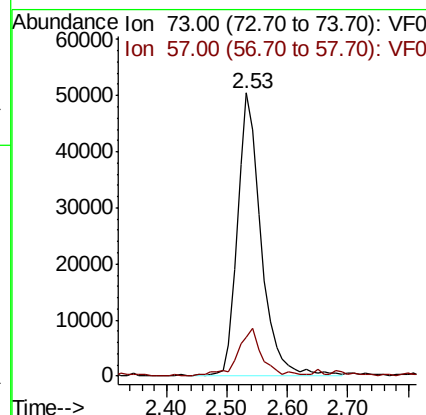
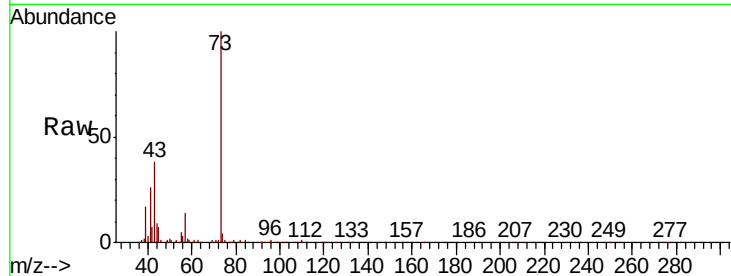
#19
Methyl tert-butyl Ether
Concen: 21.324 ug/l
RT: 2.53 min Scan# 193
Delta R.T. -0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Instrument :
MSVOA_F
ClientSampleId :
VF1026SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	13.7	13.3	19.9

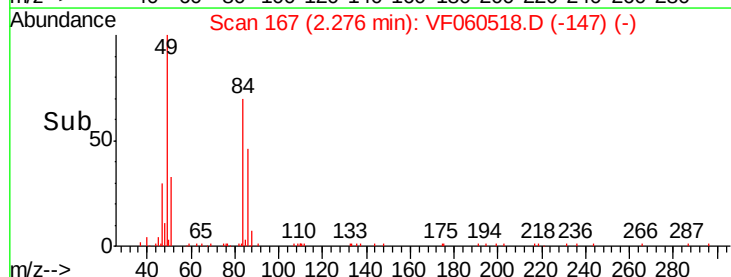
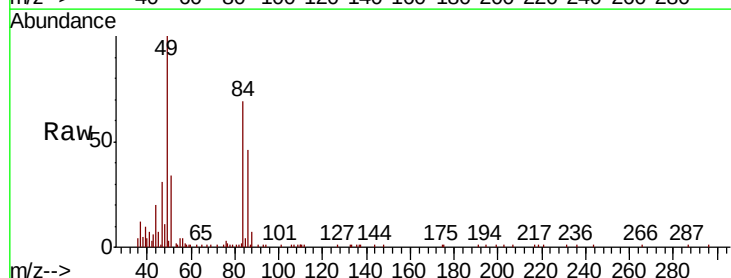
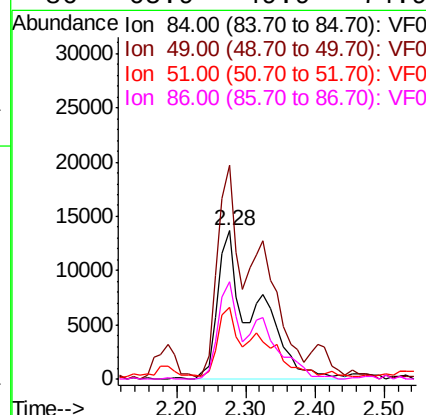
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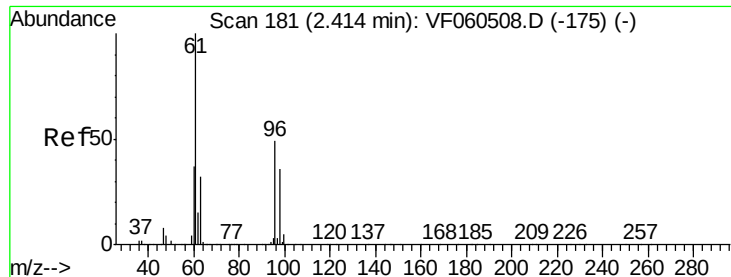
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#20
Methylene Chloride
Concen: 21.295 ug/l m
RT: 2.28 min Scan# 167
Delta R.T. 0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	144.4	123.1	184.7
51	48.8	35.3	52.9
86	65.9	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 22.223 ug/l

RT: 2.40 min Scan# 180

Delta R.T. -0.01 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

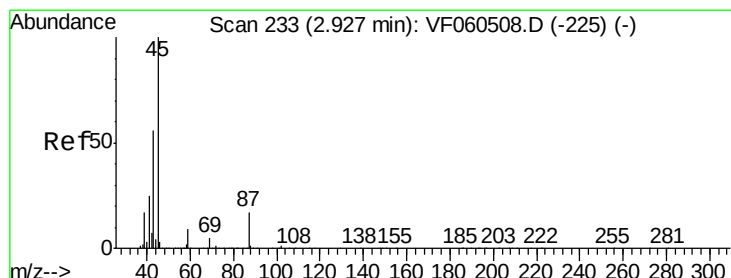
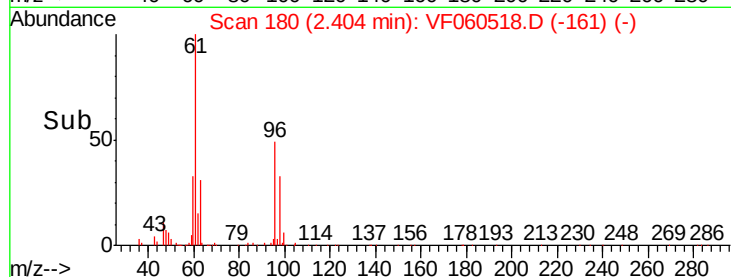
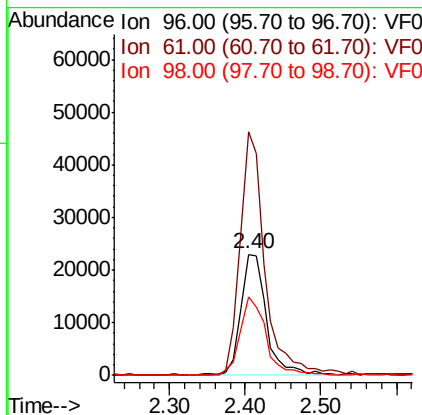
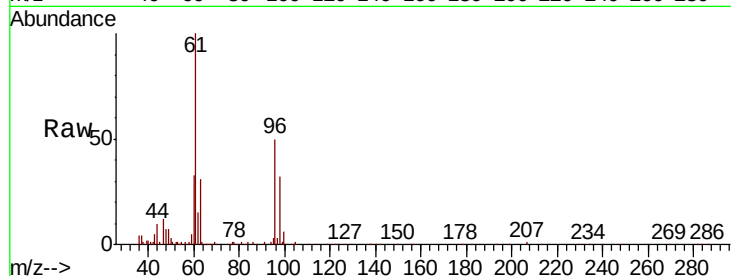
ClientSampleId :

VF1026SBS01

Tot Ion:	96	Resp:	54209
Ion	Ratio	Lower	Upper
96	100		
61	200.9	162.5	243.7
98	65.3	58.5	87.7

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#22

Diisopropyl ether

Concen: 21.991 ug/l

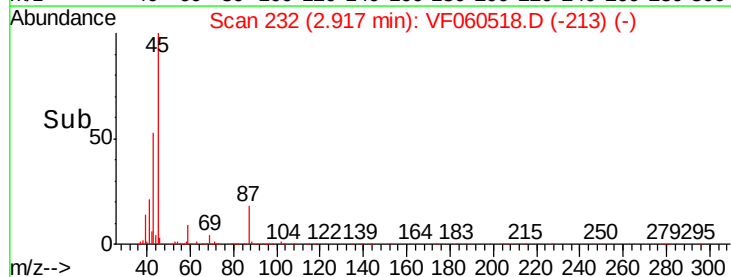
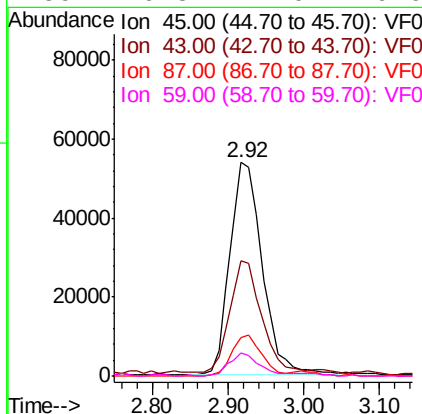
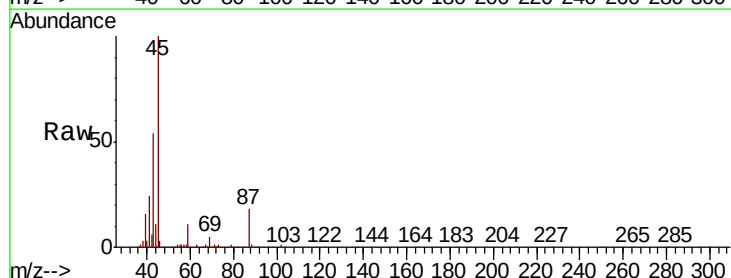
RT: 2.92 min Scan# 232

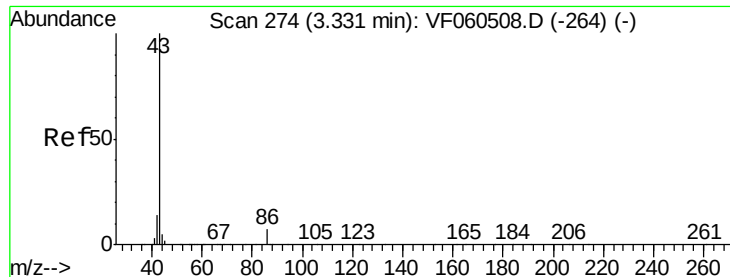
Delta R.T. -0.01 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Tgt Ion:	45	Resp:	159650
Ion	Ratio	Lower	Upper
45	100		
43	54.0	45.2	67.8
87	18.2	13.4	20.2
59	10.8	7.0	10.6#





#23

Vinyl Acetate

Concen: 117.732 ug/l

RT: 3.33 min Scan# 274

Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

VF1026SBS01

Tot Ion: 43 Resp: 270353

Ion Ratio Lower Upper

43 100

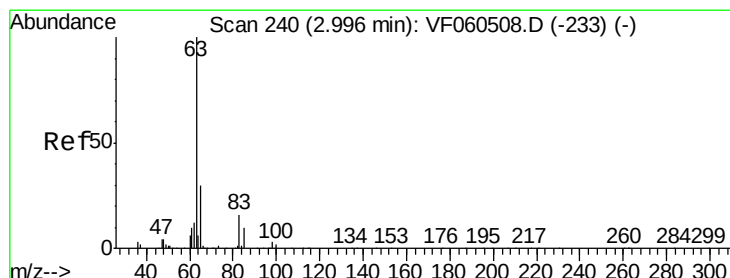
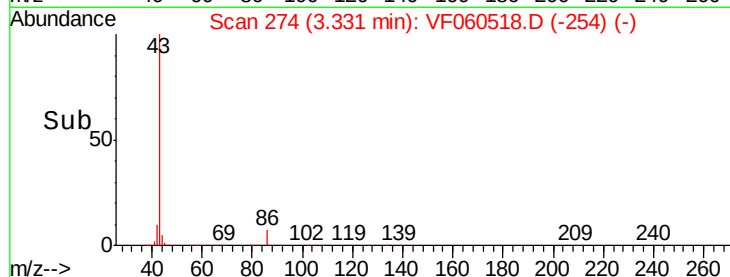
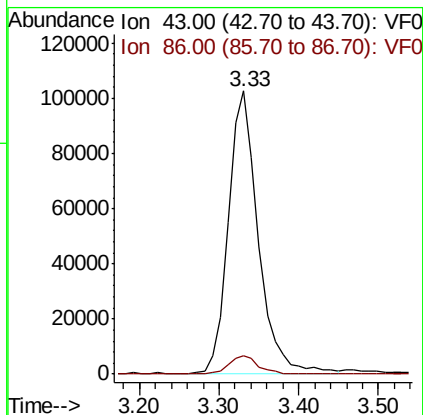
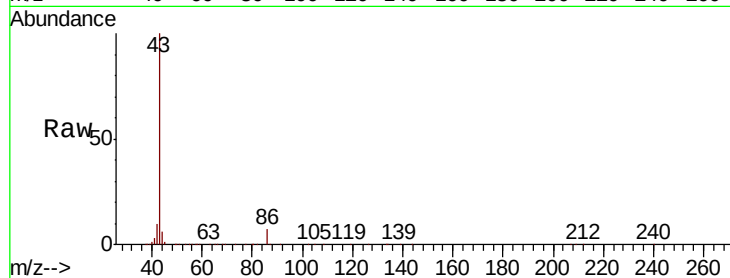
86 6.7 5.3 7.9

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#24

1,1-Dichloroethane

Concen: 20.746 ug/l

RT: 3.00 min Scan# 240

Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

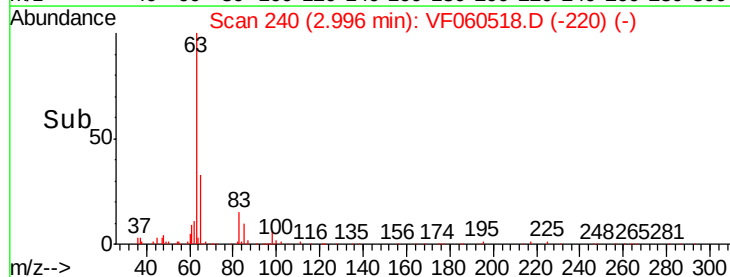
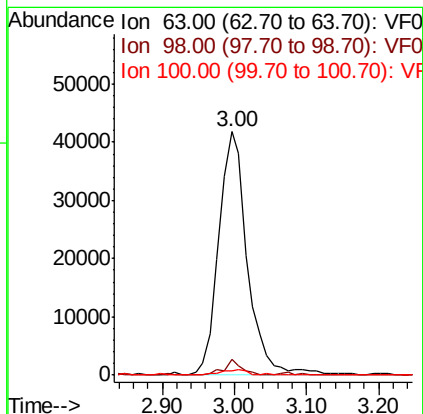
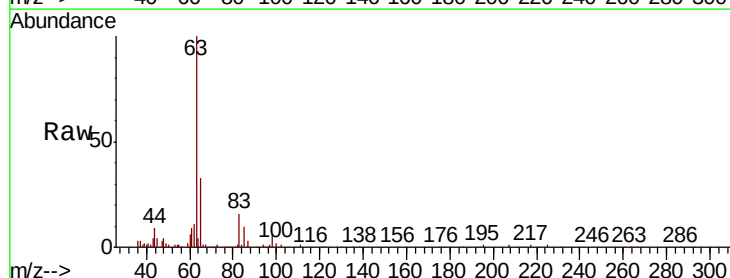
Tgt Ion: 63 Resp: 114854

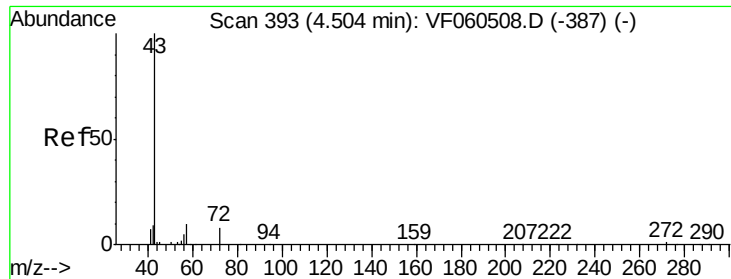
Ion Ratio Lower Upper

63 100

98 6.5 1.7 5.0#

100 1.7 1.1 3.3





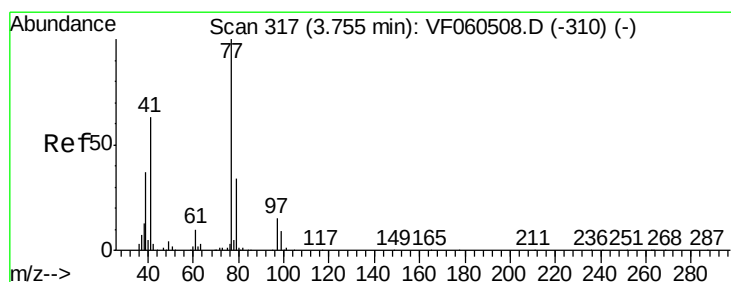
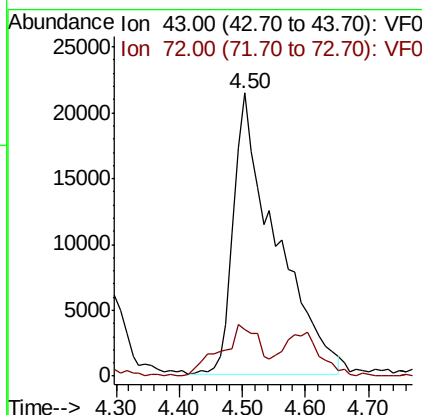
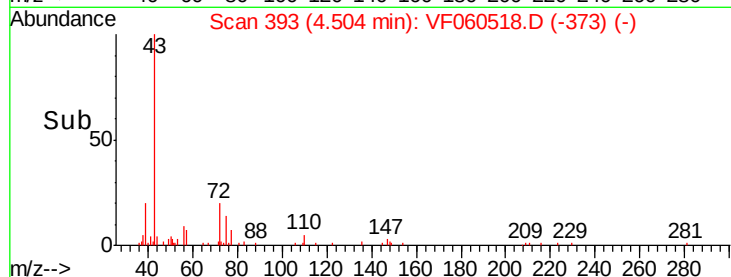
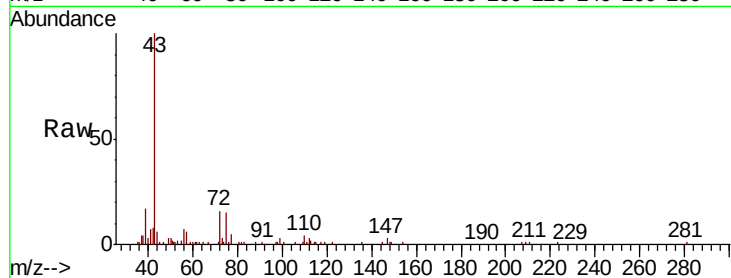
#25
2-Butanone
Concen: 157.291 ug/l
RT: 4.50 min Scan# 393
Delta R.T. -0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Instrument :
MSVOA_F
ClientSampleId :
VF1026SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
72	16.4	13.0	19.6

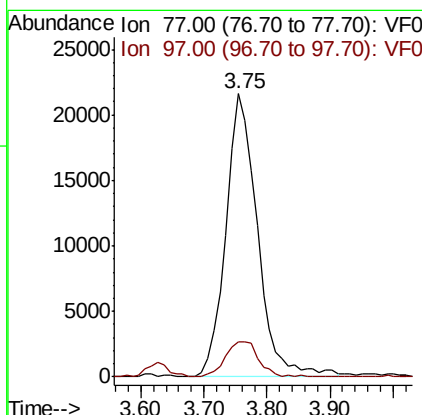
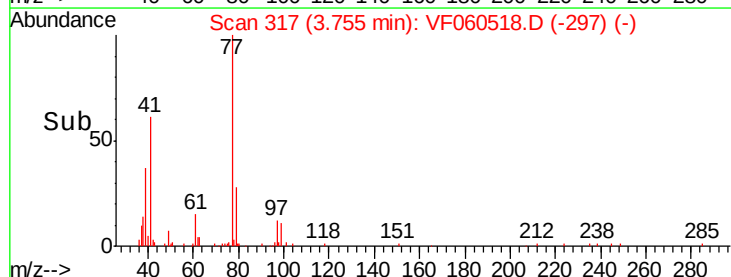
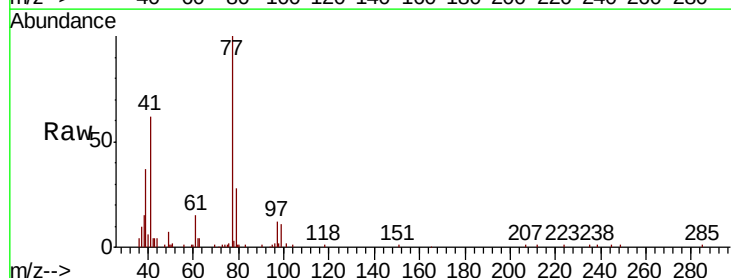
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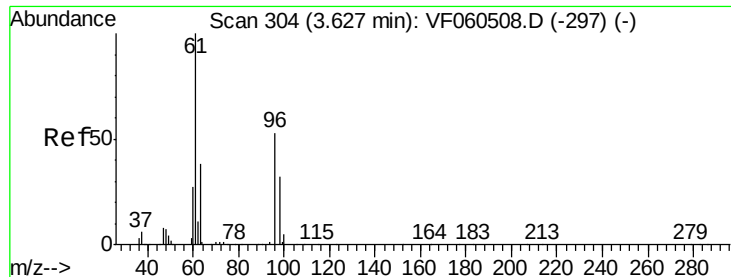
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#26
2,2-Dichloropropane
Concen: 20.495 ug/l
RT: 3.75 min Scan# 317
Delta R.T. -0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Tgt Ion	Ratio	Lower	Upper
77	100		
97	12.3	7.9	23.7





#27

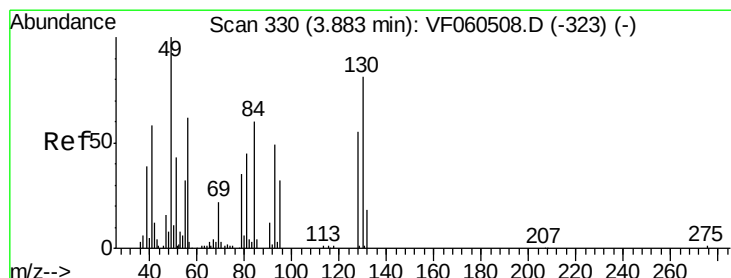
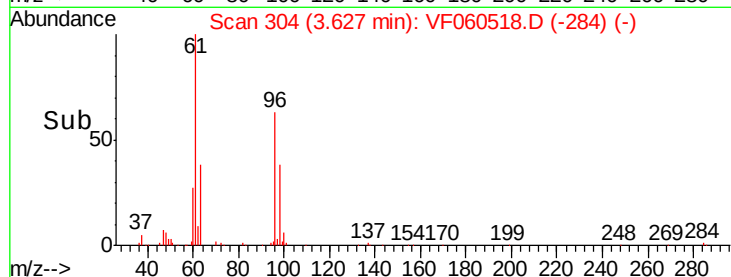
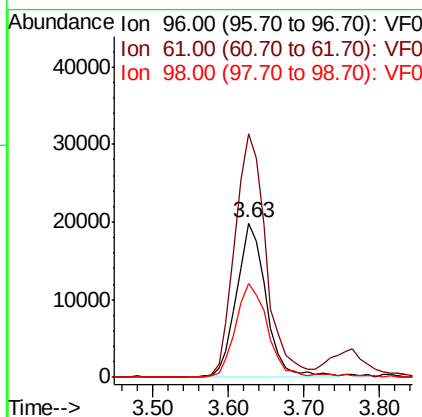
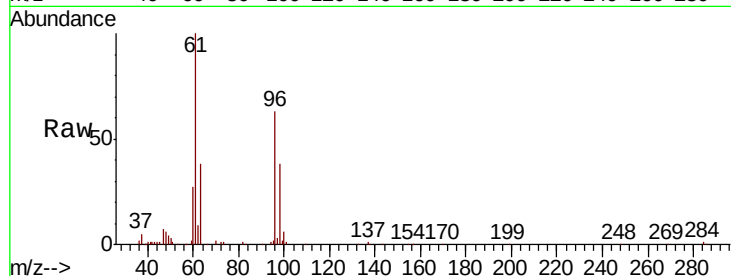
cis-1,2-Dichloroethene
Concen: 23.091 ug/l
RT: 3.63 min Scan# 304
Delta R.T. -0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Instrument :
MSVOA_F
ClientSampleId :
VF1026SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	53765		
61	158.1		0.0	377.0
98	60.7		0.0	122.4

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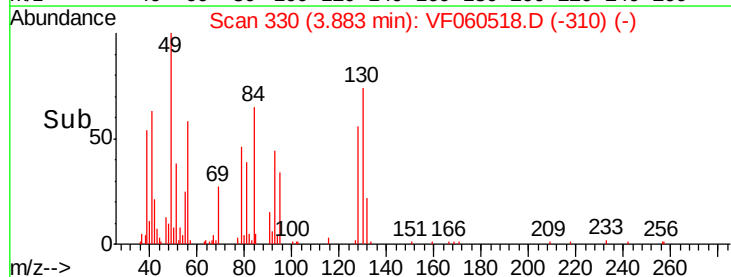
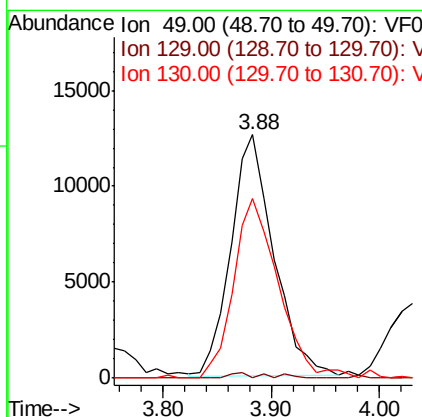
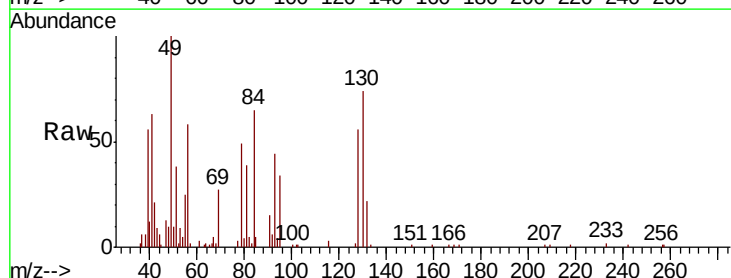
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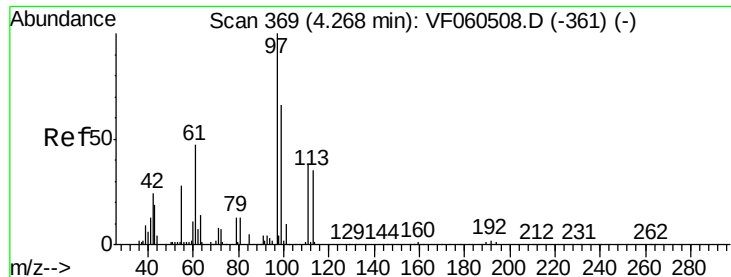


#28

Bromochloromethane
Concen: 21.375 ug/l
RT: 3.88 min Scan# 330
Delta R.T. -0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	34819		
129	0.0		0.0	2.0
130	74.0		65.0	97.4





#29

Tetrahydrofuran

Concen: 125.650 ug/l

RT: 4.26 min Scan# 368

Delta R.T. -0.01 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

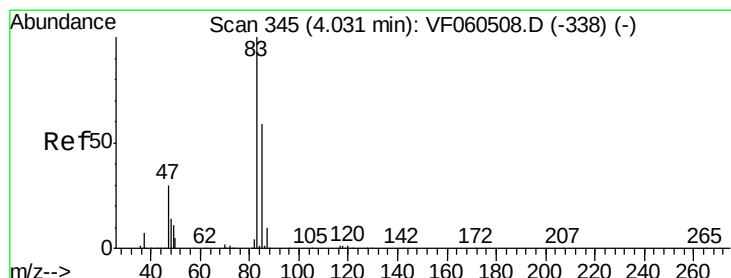
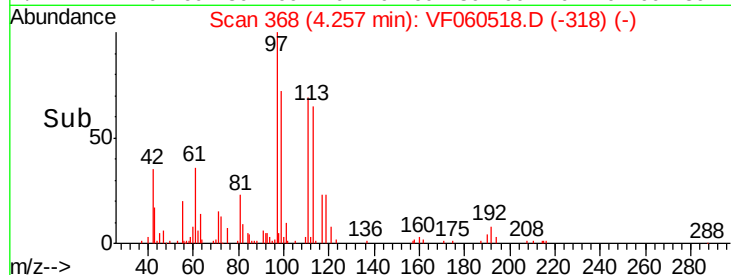
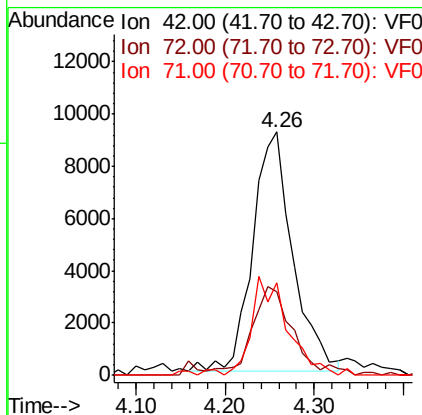
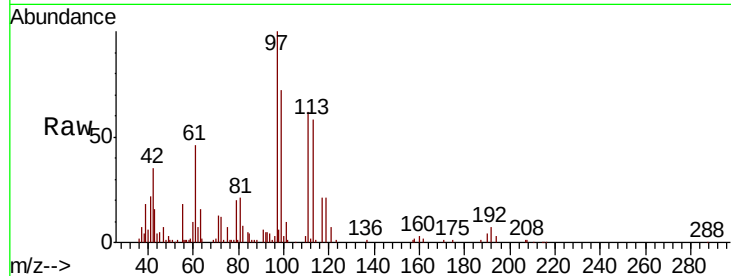
ClientSampleId :

VF1026SBSD01

Tot Ion:	42	Resp:	28590
Ion Ratio	Lower	Upper	
42	100		
72	37.6	32.1	48.1
71	37.2	29.7	44.5

Manual Integrations
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#30

Chloroform

Concen: 20.503 ug/l

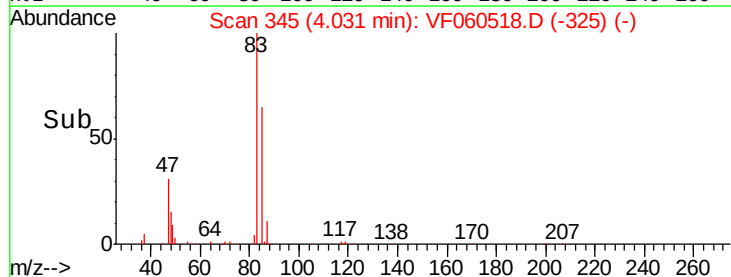
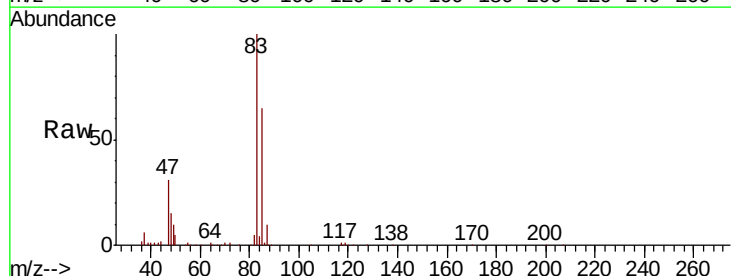
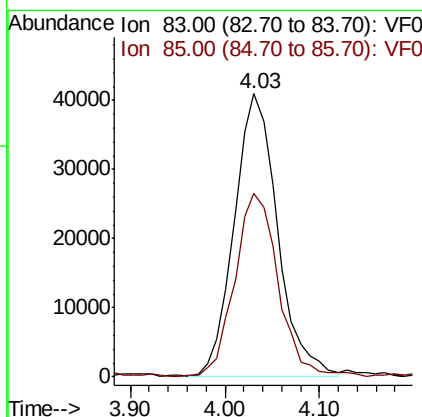
RT: 4.03 min Scan# 345

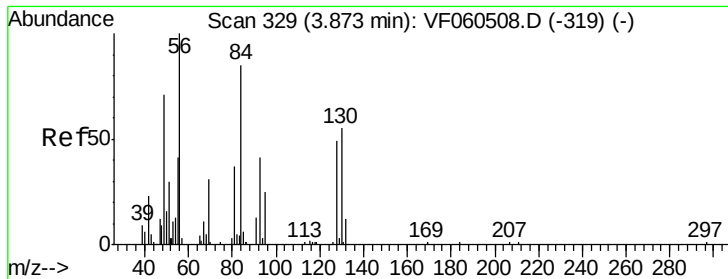
Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Tgt Ion:	83	Resp:	130912
Ion Ratio	Lower	Upper	
83	100		
85	64.8	47.4	71.2





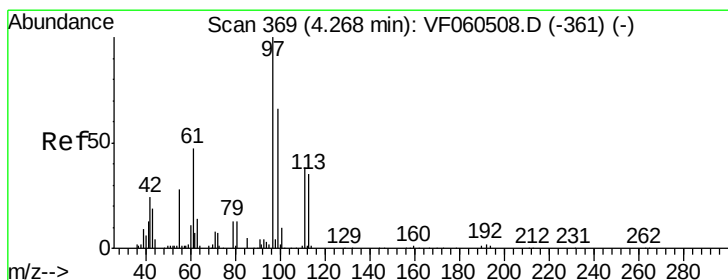
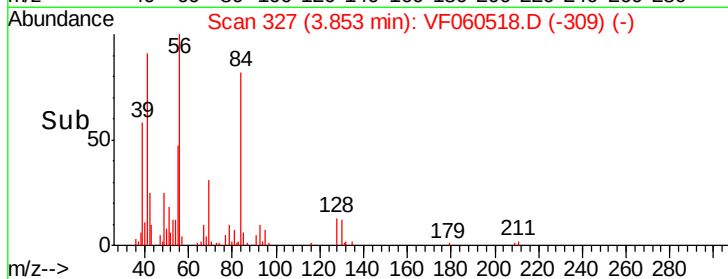
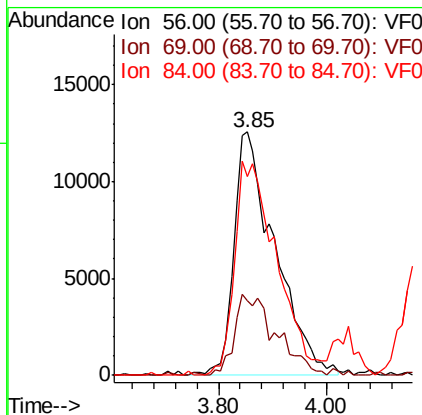
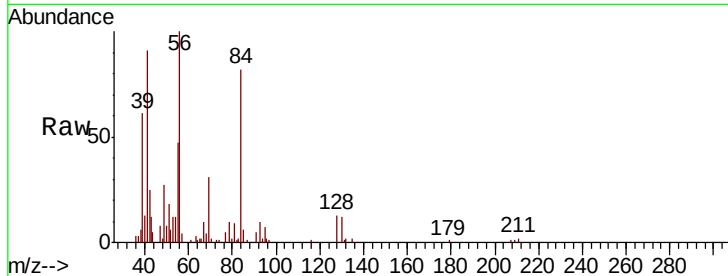
#31
Cyclohexane
Concen: 24.331 ug/l
RT: 3.85 min Scan# 327
Delta R.T. -0.02 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Instrument :
MSVOA_F
ClientSampleId :
VF1026SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.6	37.0
84	81.8	68.2	102.2

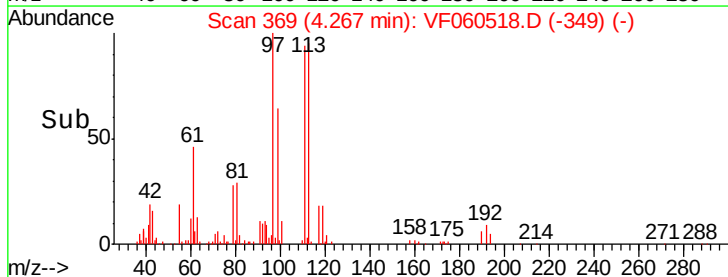
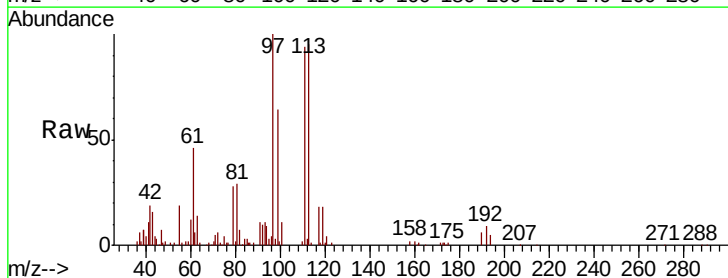
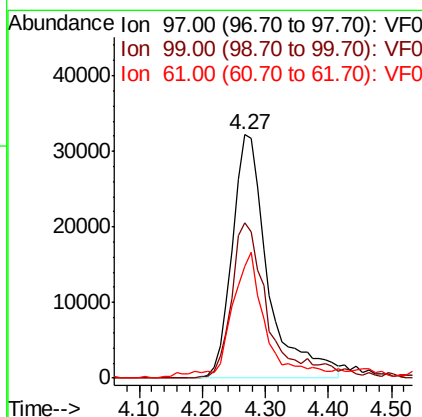
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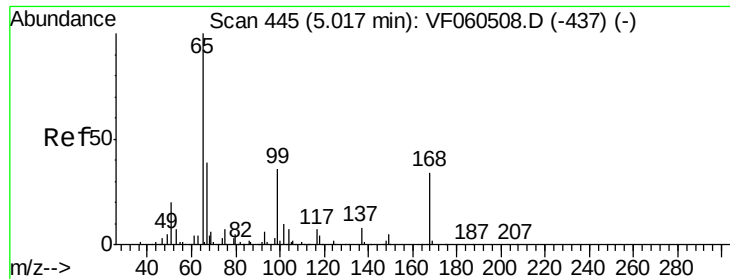
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#32
1,1,1-Trichloroethane
Concen: 21.540 ug/l
RT: 4.27 min Scan# 369
Delta R.T. -0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.6	53.0	79.6
61	45.7	37.9	56.9





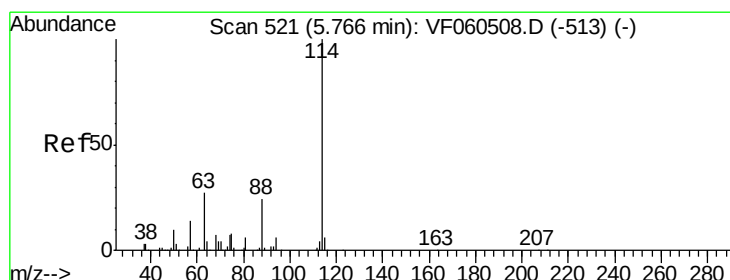
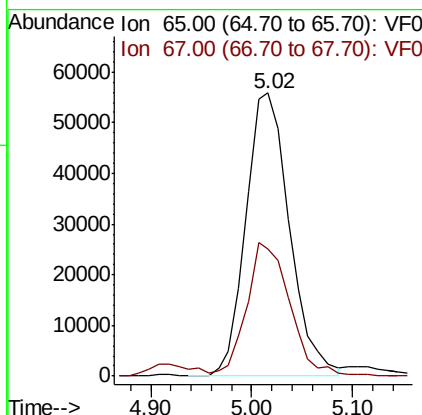
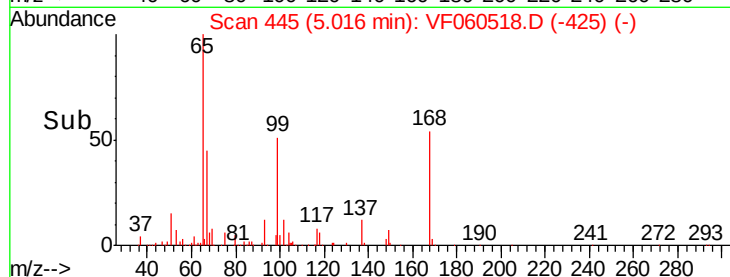
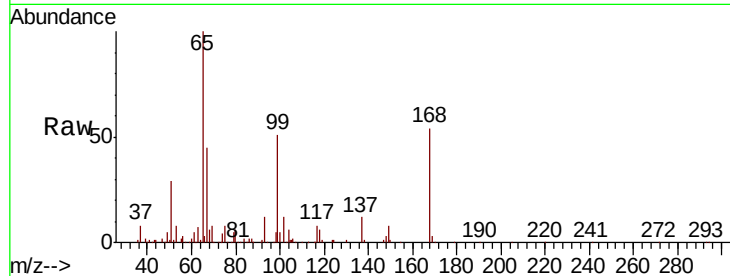
#33
 1,2-Dichloroethane-d4
 Concen: 47.170 ug/l
 RT: 5.02 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: VF060518.D
 Acq: 26 Oct 2018 16:03

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1026SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	45.2	0.0	85.8

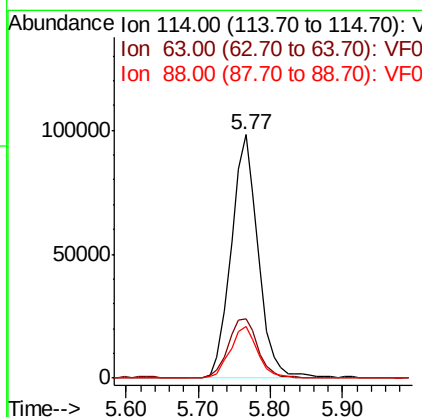
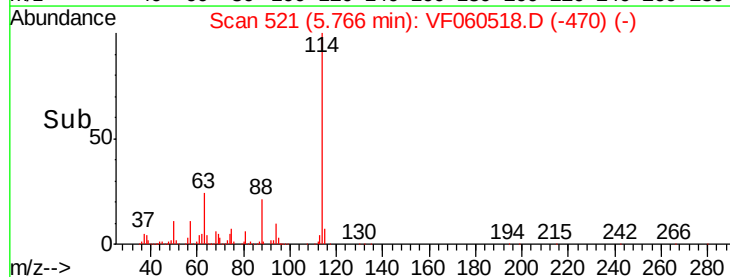
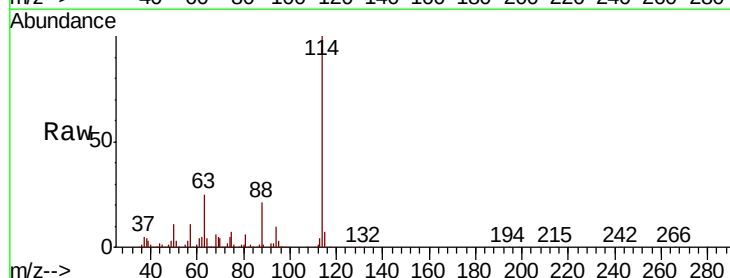
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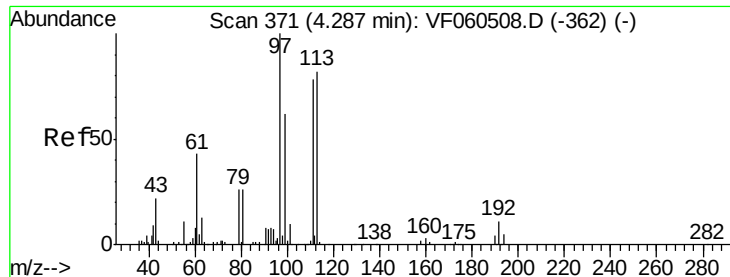
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: VF060518.D
 Acq: 26 Oct 2018 16:03

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	54.4
88	21.4	0.0	47.2





#35

Dibromofluoromethane

Concen: 54.090 ug/l

RT: 4.29 min Scan# 371

Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

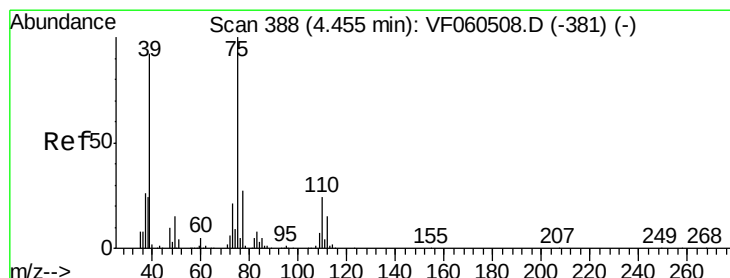
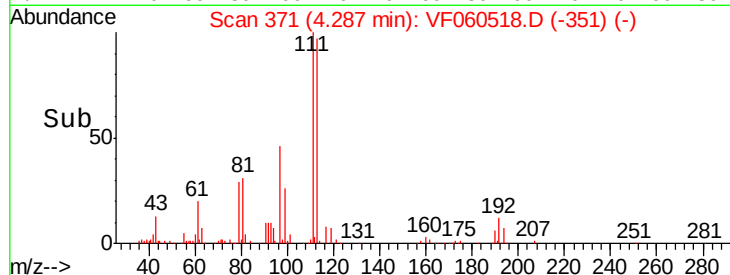
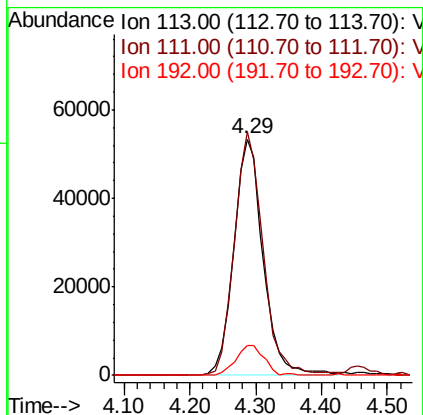
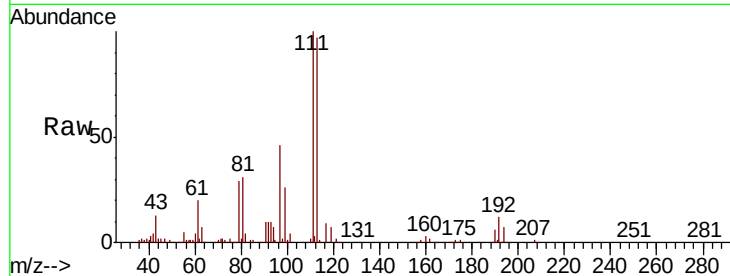
ClientSampleId :

VF1026SBSD01

Tot Ion:	113	Resp:	166229
Ion Ratio	Lower	Upper	
113	100		
111	103.1	75.9	113.9
192	12.8	10.6	15.8

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#36

1,1-Dichloropropene

Concen: 23.180 ug/l

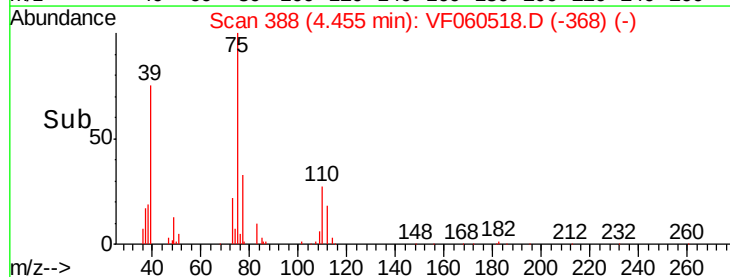
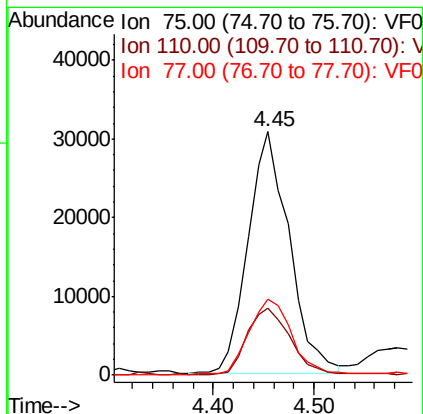
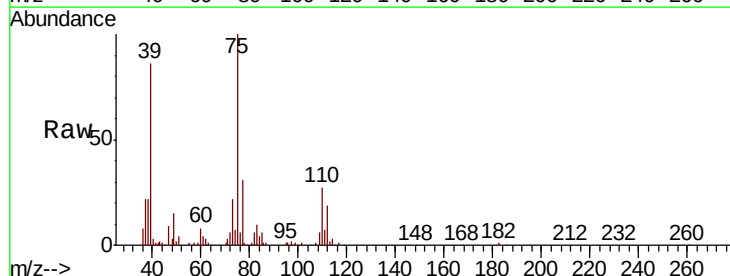
RT: 4.45 min Scan# 388

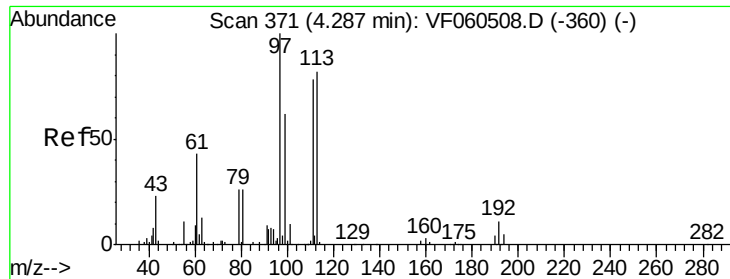
Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Tgt Ion:	75	Resp:	87958
Ion Ratio	Lower	Upper	
75	100		
110	27.4	12.1	36.3
77	31.4	21.8	32.6





#37

Ethyl Acetate

Concen: 31.044 ug/l

RT: 4.29 min Scan# 371

Delta R.T. 0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

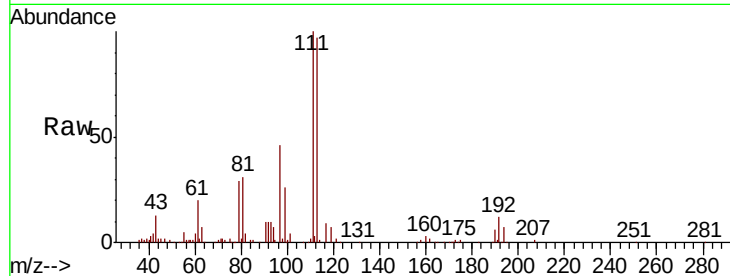
ClientSampleId :

VF1026SBS01

Tot Ion:	43	Resp:	34738
Ion	Ratio	Lower	Upper
43	100		
61	150.5	148.5	222.7
70	7.9	4.7	7.1#

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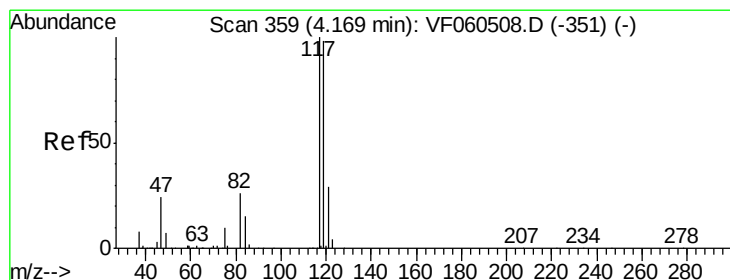
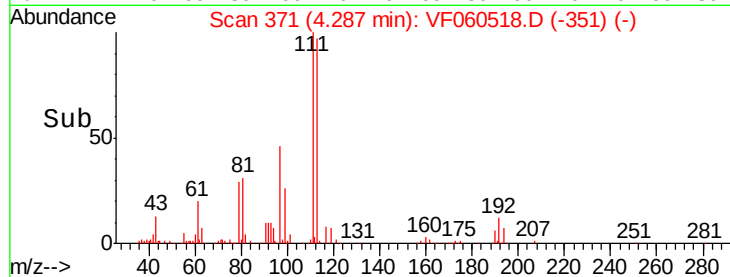
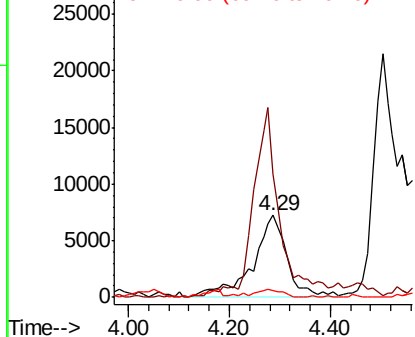


Abundance

Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0



#38

Carbon Tetrachloride

Concen: 24.425 ug/l

RT: 4.16 min Scan# 358

Delta R.T. -0.01 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

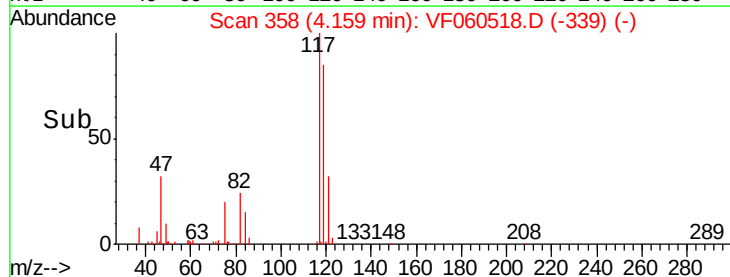
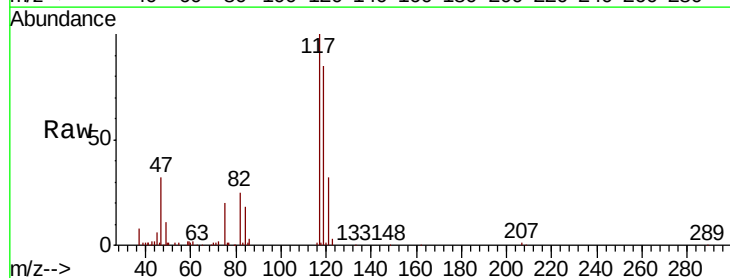
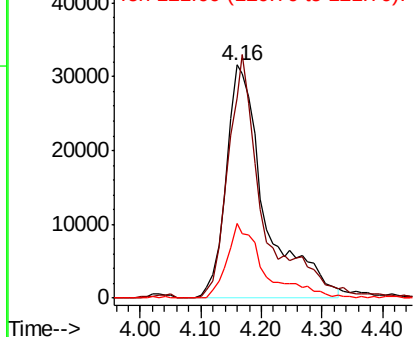
Tgt Ion:	117	Resp:	140249
Ion	Ratio	Lower	Upper
117	100		
119	85.9	78.3	117.5
121	32.3	23.3	34.9

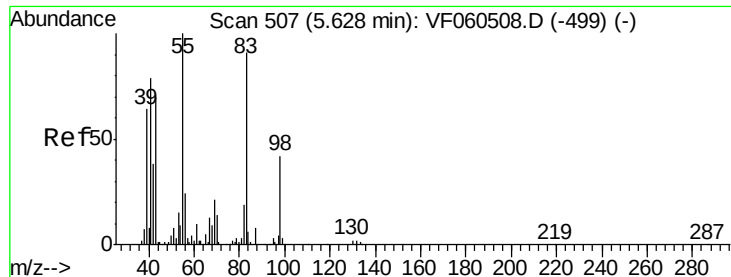
Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V





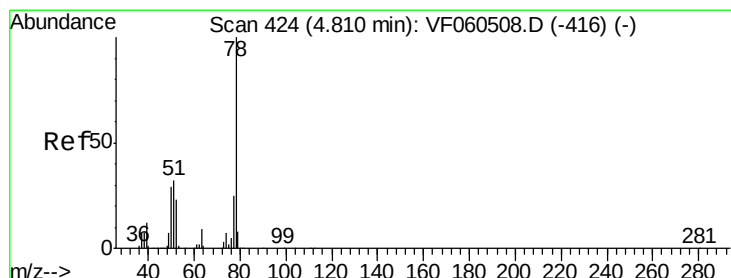
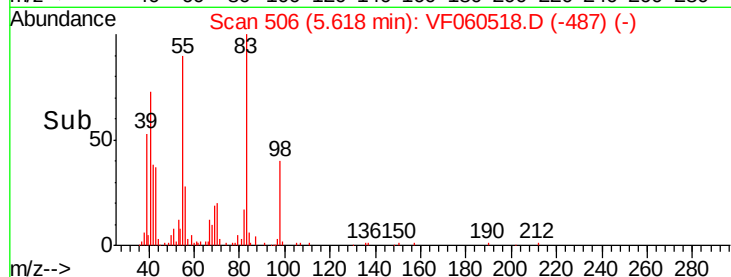
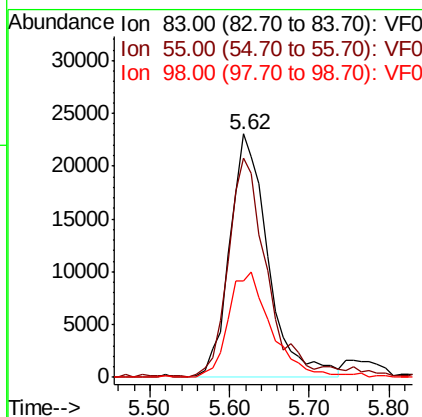
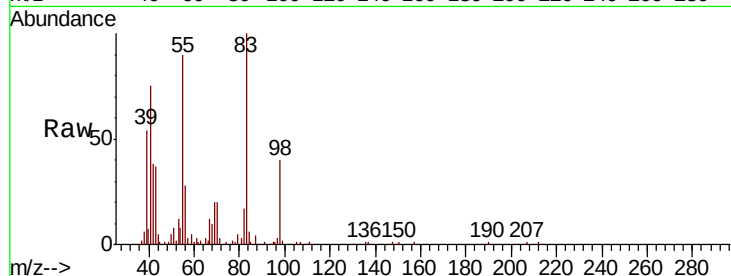
#39
Methylvlcyclohexane
Concen: 25.026 ug/l
RT: 5.62 min Scan# 506
Delta R.T. -0.01 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Instrument :
MSVOA_F
ClientSampleId :
VF1026SBSD01

Tot Ion	83	Resp	77498
Ion Ratio	Lower	Upper	
83	100		
55	90.3	87.9	131.9
98	39.6	37.0	55.6

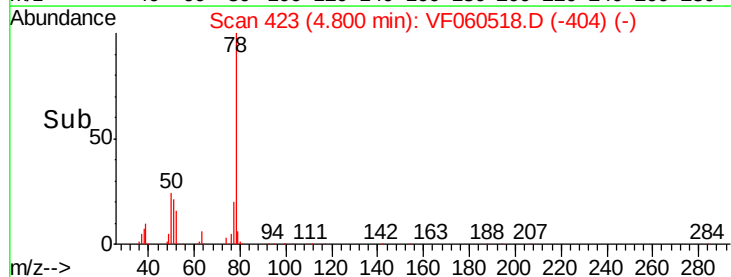
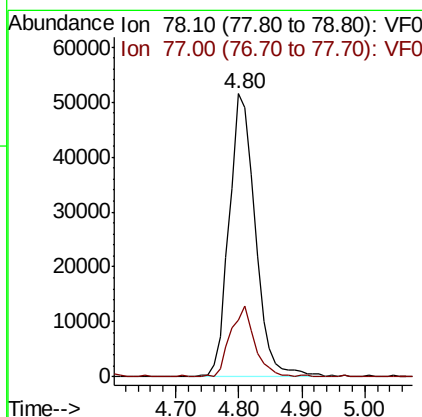
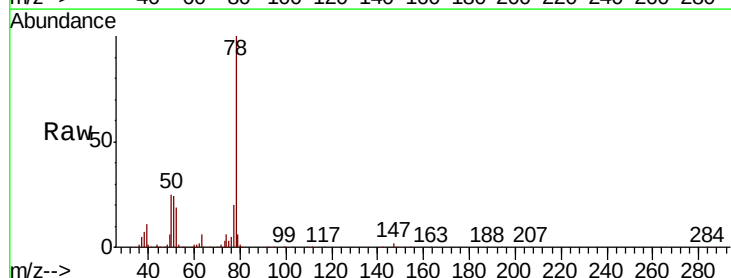
Manual Integrations
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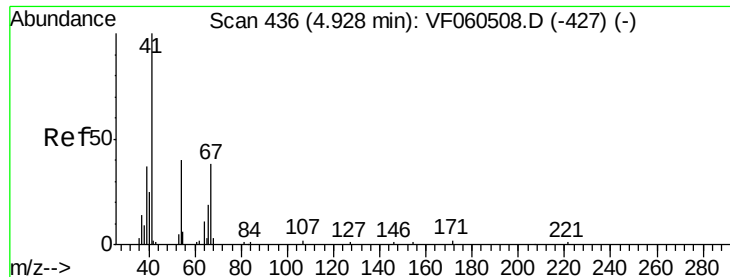
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#40
Benzene
Concen: 23.748 ug/l
RT: 4.80 min Scan# 423
Delta R.T. -0.01 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Tgt Ion	78	Resp	148260
Ion Ratio	Lower	Upper	
78	100		
77	20.2	20.2	30.4#





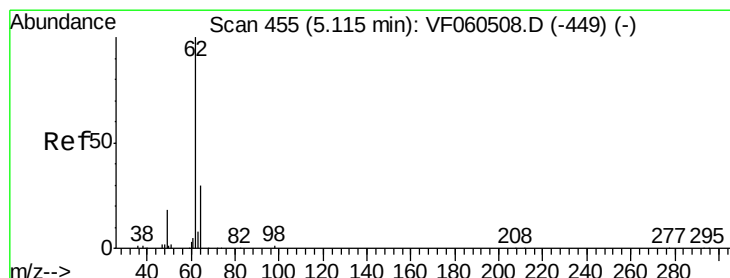
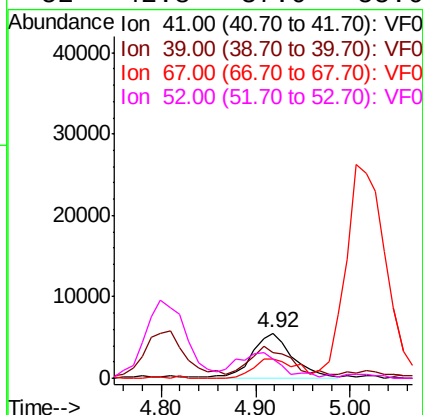
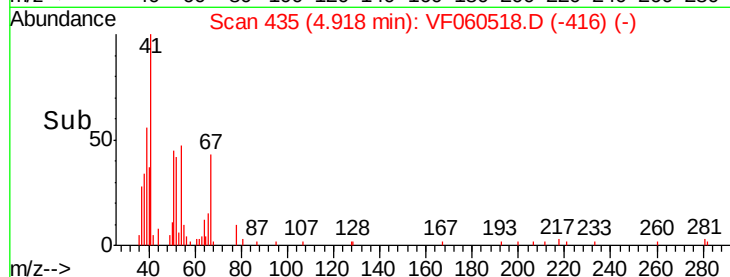
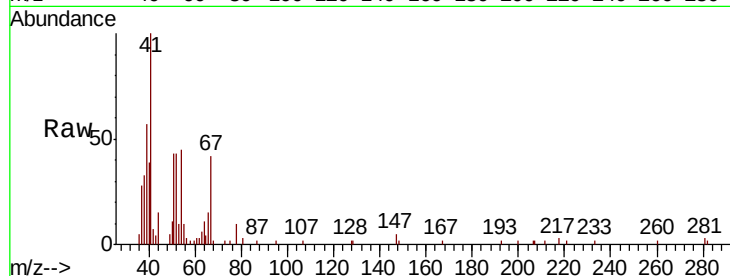
#41
Methacrylonitrile
Concen: 26.287 ug/l
RT: 4.92 min Scan# 435
Delta R.T. -0.01 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Instrument :
MSVOA_F
ClientSampleId :
VF1026SBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.3	55.2	82.8
67	41.7	29.8	44.8
52	42.8	37.0	55.6

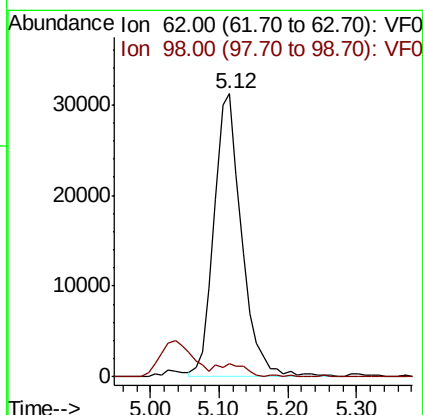
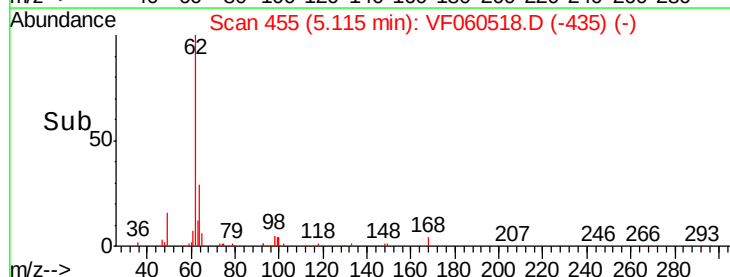
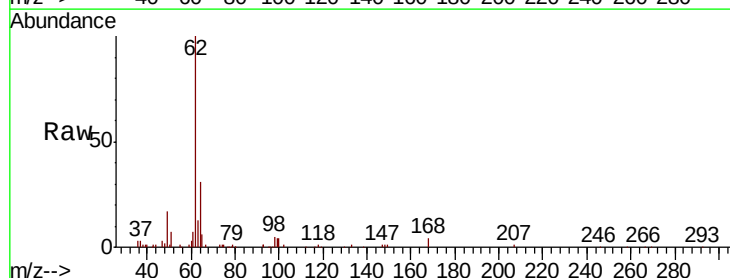
Manual Integrations
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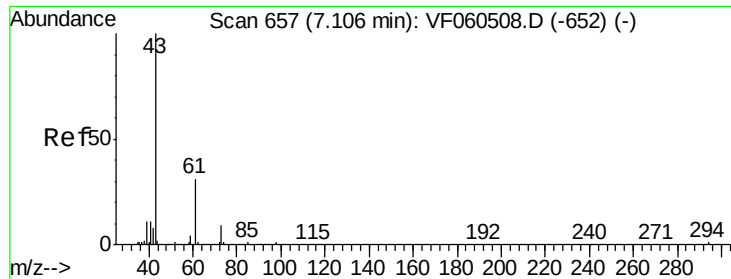
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#42
1,2-Dichloroethane
Concen: 21.567 ug/l
RT: 5.12 min Scan# 455
Delta R.T. -0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.6	0.0	9.4





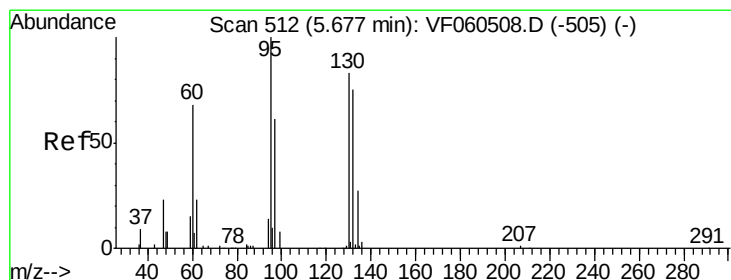
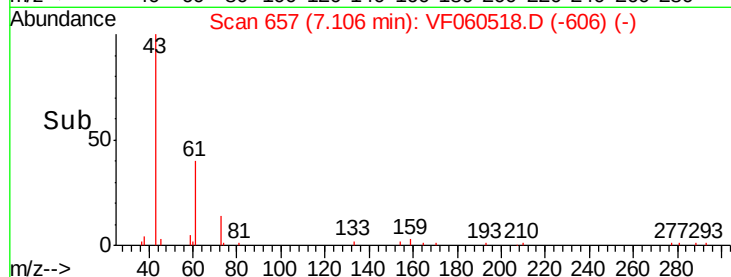
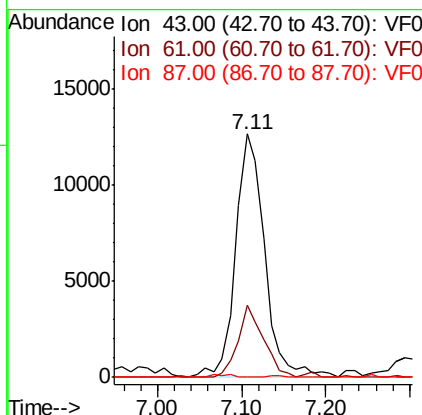
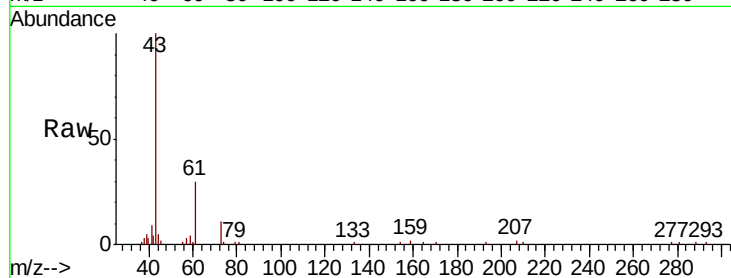
#43
Isopropyl Acetate
Concen: 23.366 ug/l
RT: 7.11 min Scan# 657
Delta R.T. -0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Instrument :
MSVOA_F
ClientSampleId :
VF1026SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.6	24.4	36.6
87	0.0	0.0	0.0

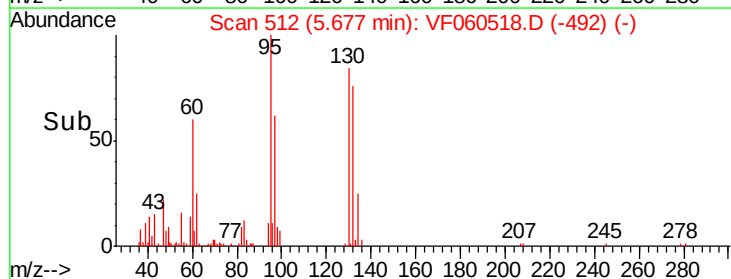
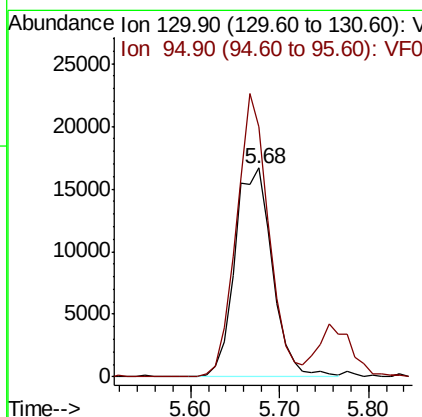
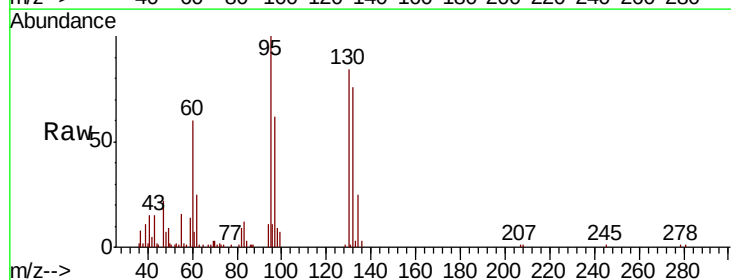
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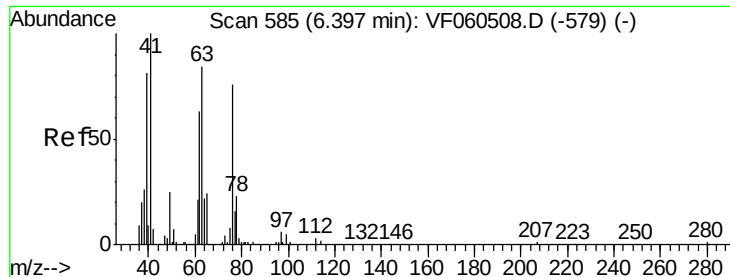
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#44
Trichloroethene
Concen: 22.418 ug/l
RT: 5.68 min Scan# 512
Delta R.T. -0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	119.5	0.0	242.8





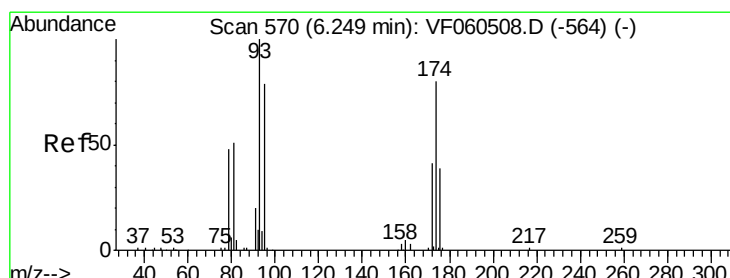
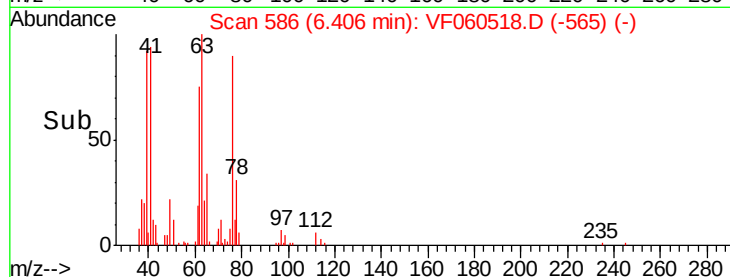
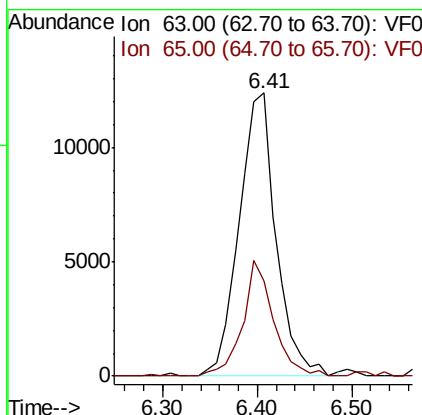
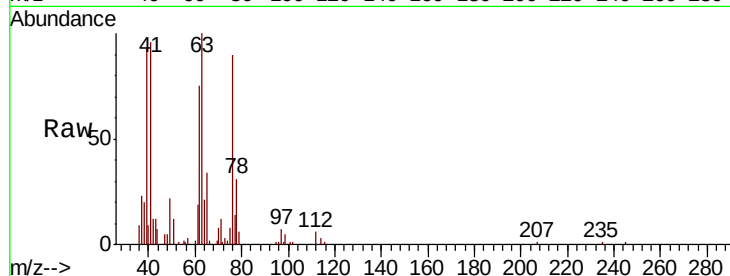
#45
 1,2-Dichloropropane
 Concen: 21.224 ug/l
 RT: 6.41 min Scan# 586
 Delta R.T. 0.01 min
 Lab File: VF060518.D
 Acq: 26 Oct 2018 16:03

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1026SBS01

Tot Ion: 63 Resp: 33553
 Ion Ratio Lower Upper
 63 100
 65 33.6 22.7 34.1

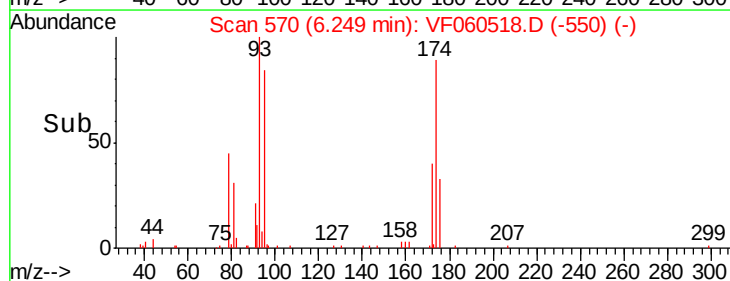
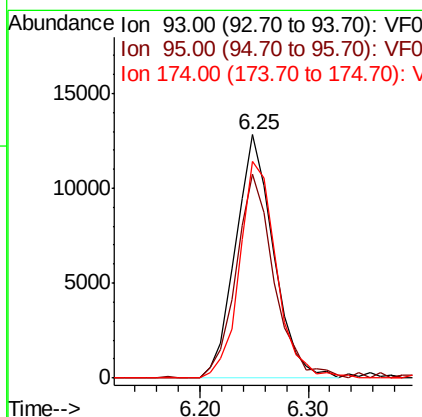
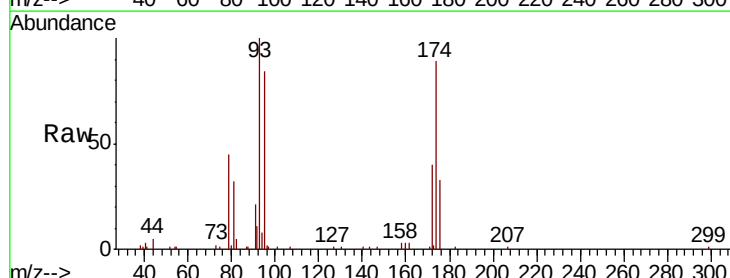
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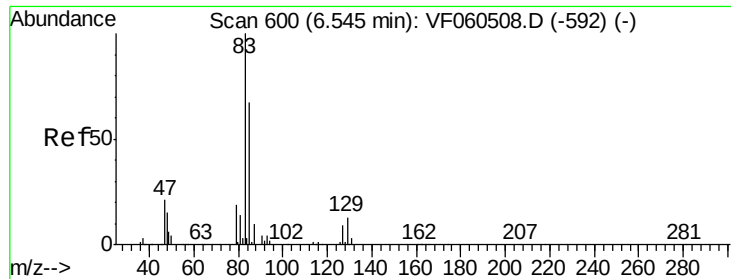
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#46
 Dibromomethane
 Concen: 21.109 ug/l
 RT: 6.25 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VF060518.D
 Acq: 26 Oct 2018 16:03

Tgt Ion: 93 Resp: 31315
 Ion Ratio Lower Upper
 93 100
 95 84.0 63.8 95.8
 174 89.2 64.9 97.3





#47

Bromodichloromethane

Concen: 21.917 ug/l

RT: 6.54 min Scan# 600

Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

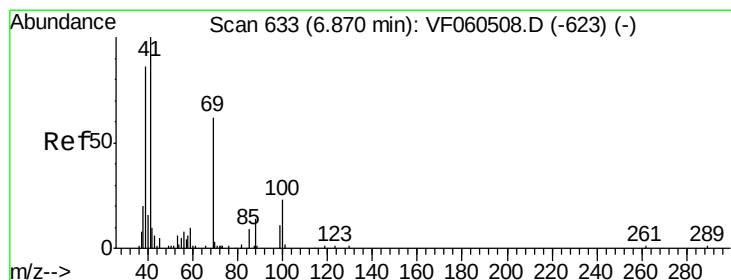
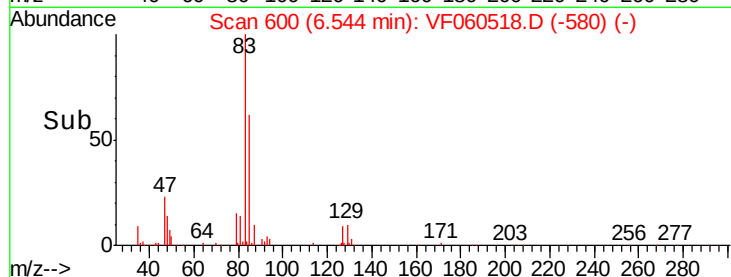
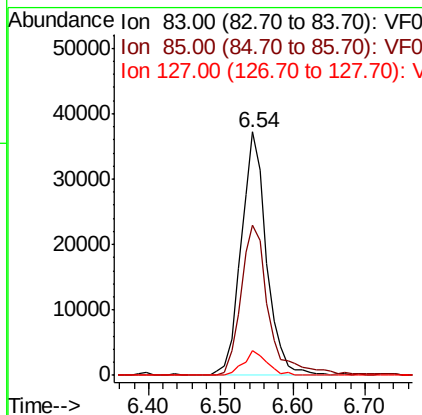
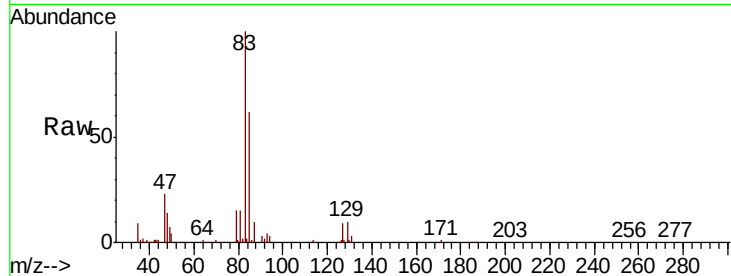
ClientSampleId :

VF1026SBSD01

Tot Ion:	83	Resp:	91215
Ion	Ratio	Lower	Upper
83	100		
85	61.7	53.4	80.0
127	10.2	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.551 ug/l

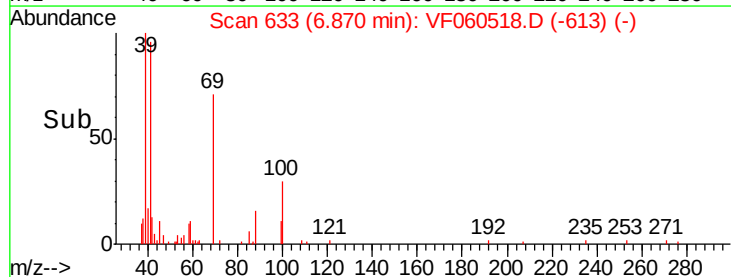
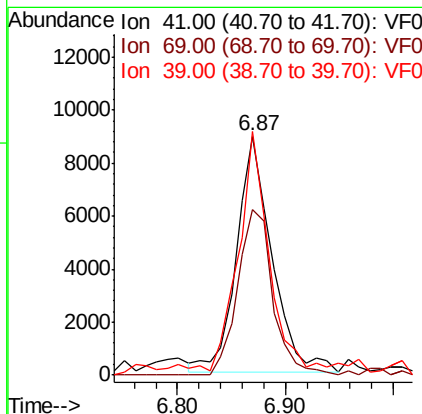
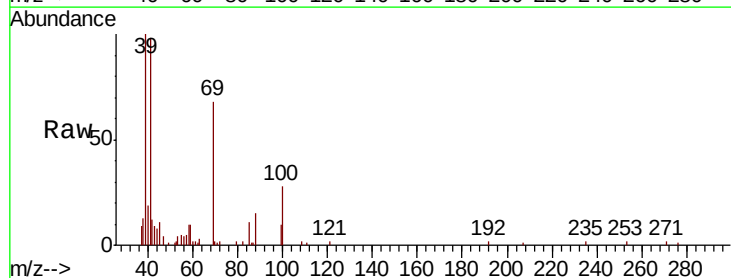
RT: 6.87 min Scan# 633

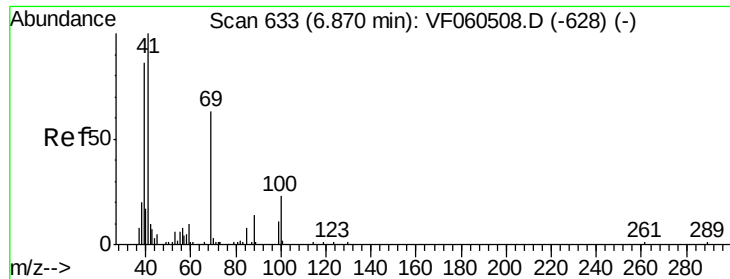
Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Tgt Ion:	41	Resp:	20259
Ion	Ratio	Lower	Upper
41	100		
69	69.1	49.6	74.4
39	101.9	69.4	104.2





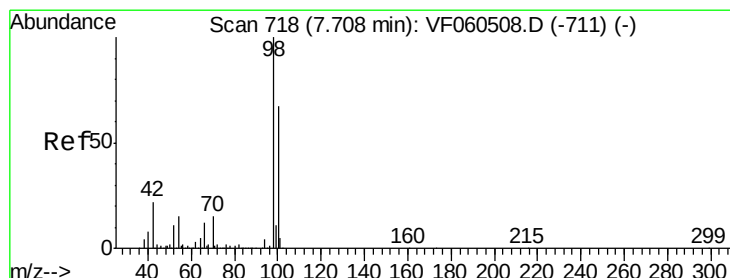
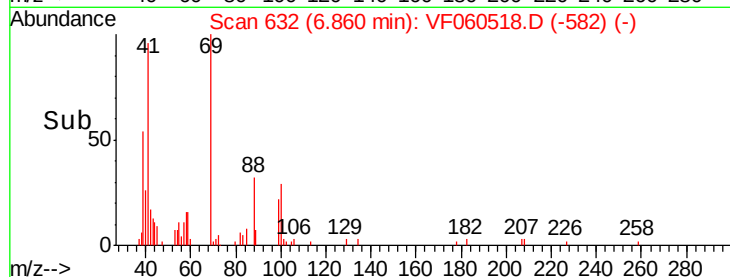
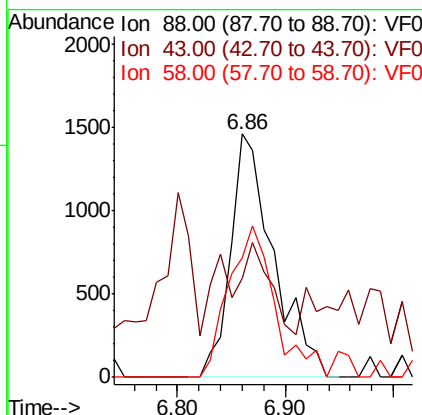
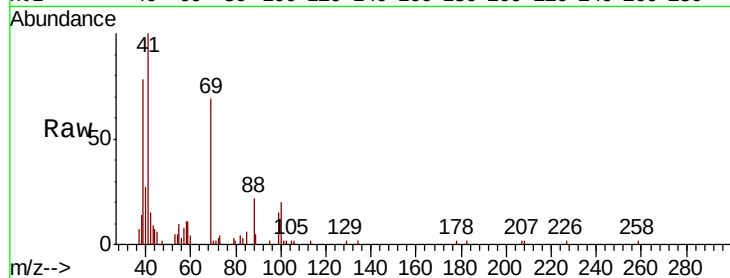
#49
1,4-Dioxane
Concen: 475.775 ug/l
RT: 6.86 min Scan# 632
Delta R.T. -0.01 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Instrument :
MSVOA_F
ClientSampleId :
VF1026SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.4	39.3	58.9
58	49.3	35.0	52.6

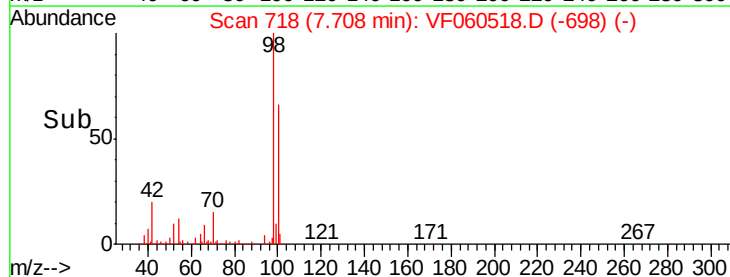
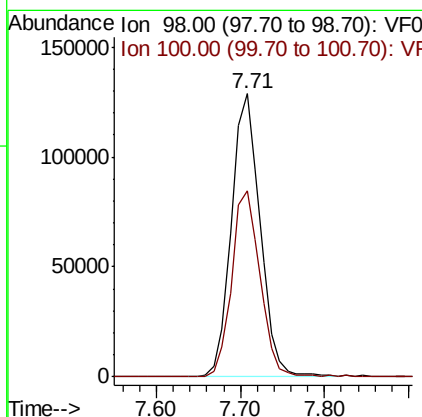
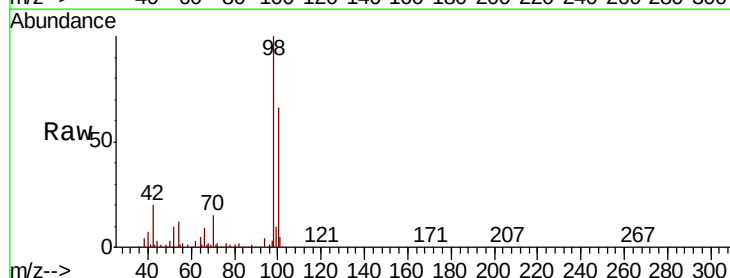
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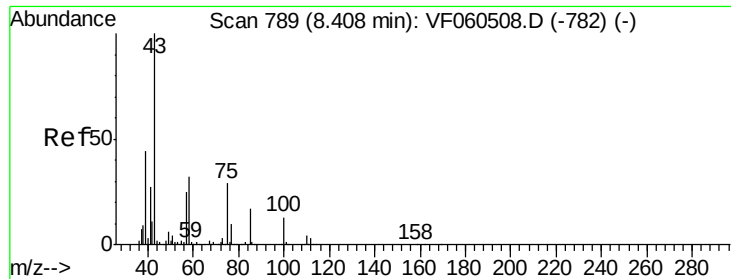
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#50
Toluene-d8
Concen: 49.633 ug/l
RT: 7.71 min Scan# 718
Delta R.T. -0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.4	80.0





#51

4-Methyl-2-Pentanone

Concen: 117.841 ug/l

RT: 8.40 min Scan# 788

Delta R.T. -0.01 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

VF1026SBS01

Tot Ion: 43 Resp: 120383

Ion Ratio Lower Upper

43 100

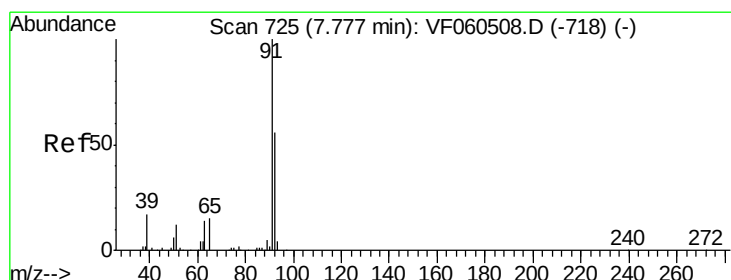
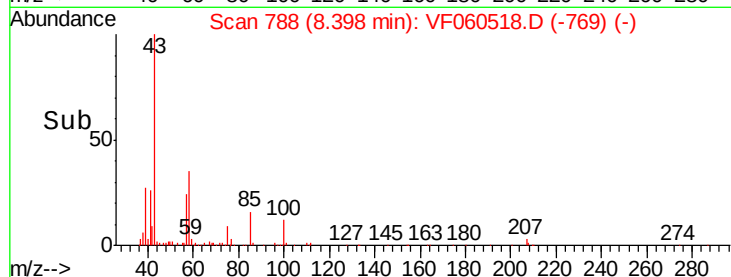
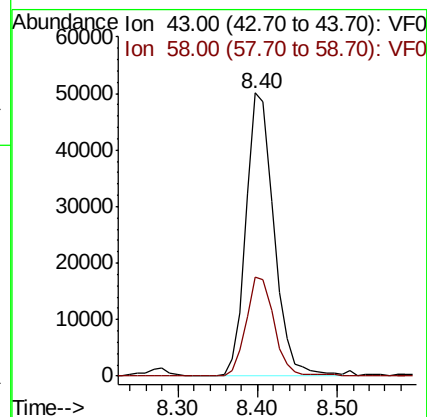
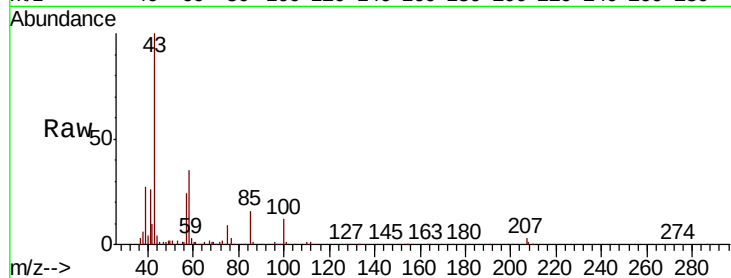
58 35.2 25.4 38.2

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#52

Toluene

Concen: 22.888 ug/l

RT: 7.78 min Scan# 725

Delta R.T. -0.00 min

Lab File: VF060518.D

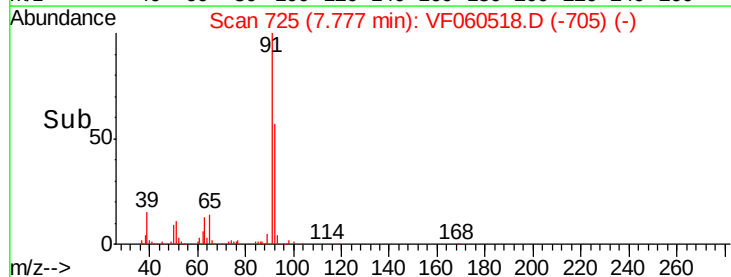
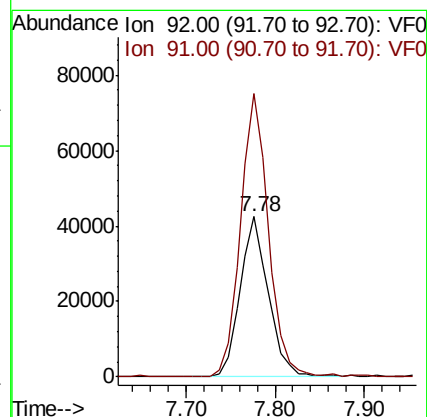
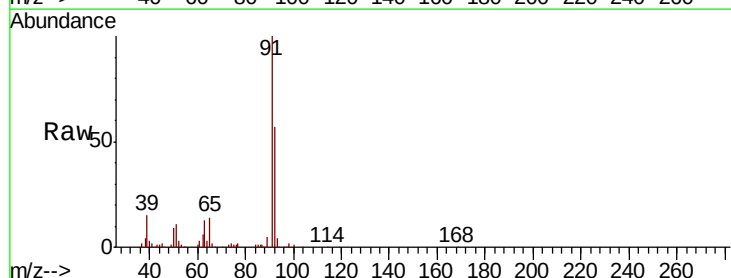
Acq: 26 Oct 2018 16:03

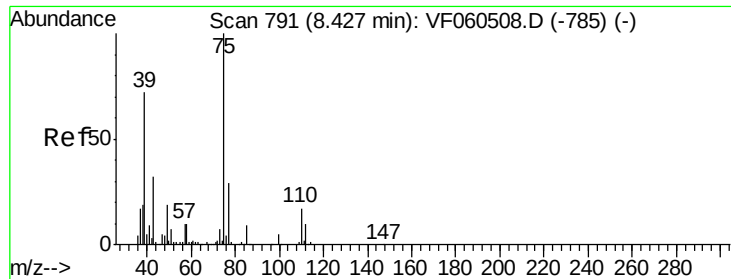
Tgt Ion: 92 Resp: 93959

Ion Ratio Lower Upper

92 100

91 176.4 143.8 215.8





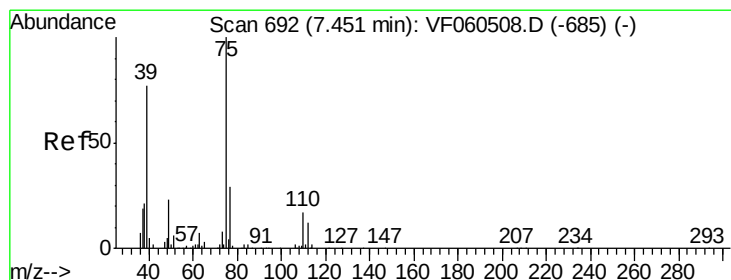
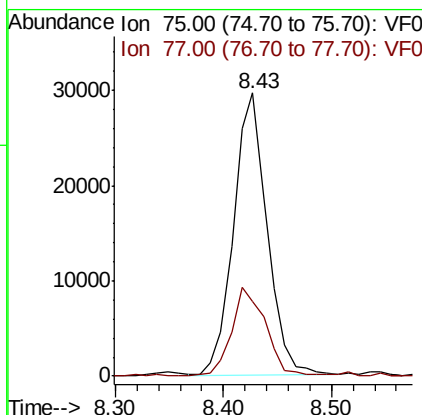
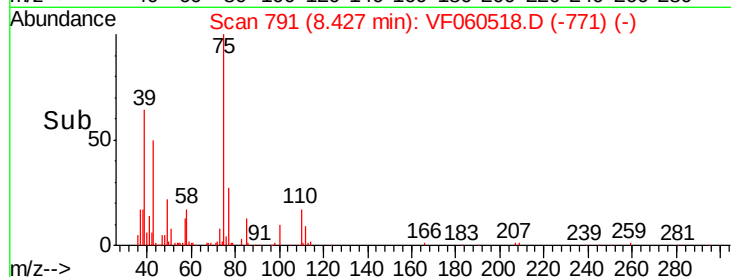
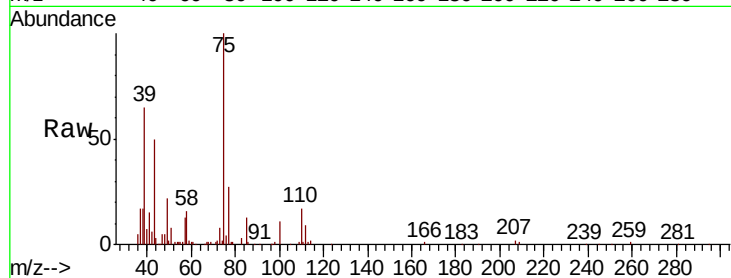
#53
t-1,3-Dichloropropene
Concen: 20.711 ug/l
RT: 8.43 min Scan# 791
Delta R.T. -0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Instrument :
MSVOA_F
ClientSampleId :
VF1026SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	26.6	23.7	35.5

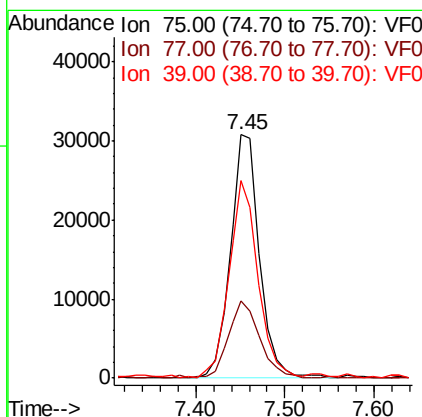
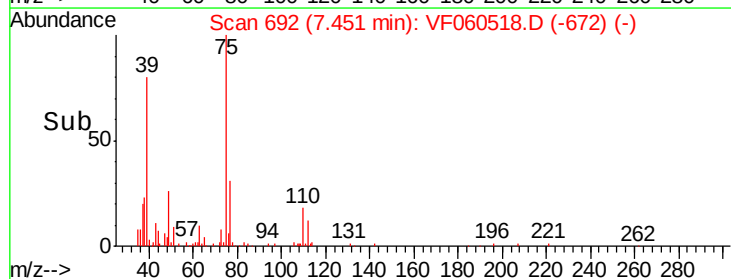
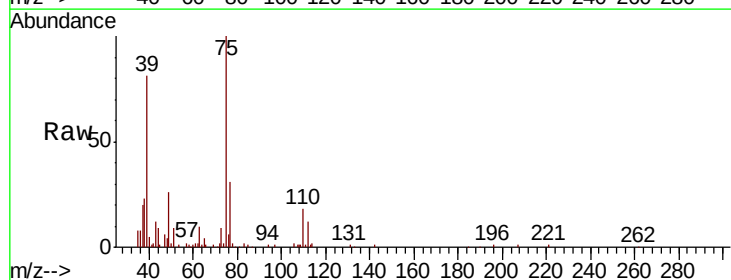
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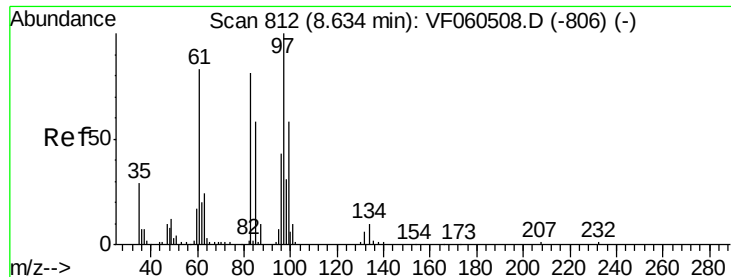
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#54
cis-1,3-Dichloropropene
Concen: 22.139 ug/l
RT: 7.45 min Scan# 692
Delta R.T. -0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	23.6	35.4
39	81.2	61.6	92.4





#55

1,1,2-Trichloroethane

Concen: 21.742 ug/l

RT: 8.64 min Scan# 813

Delta R.T. 0.01 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

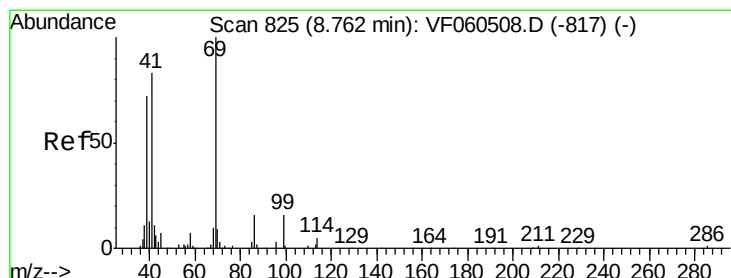
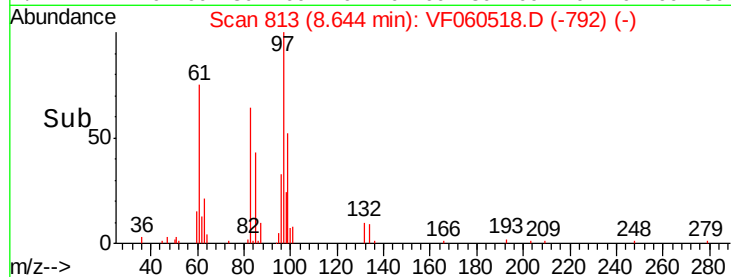
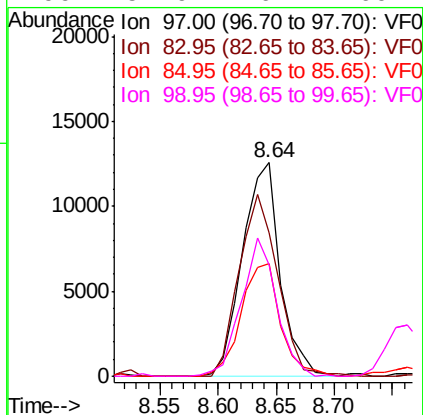
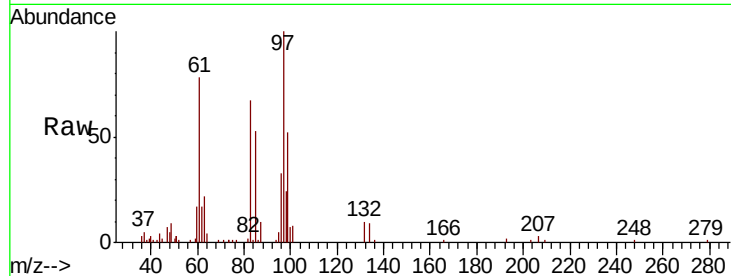
ClientSampleId :

VF1026SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	67.0	65.0	97.4
85	52.6	47.0	70.6
99	51.9	46.2	69.4

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#56

Ethyl methacrylate

Concen: 24.181 ug/l

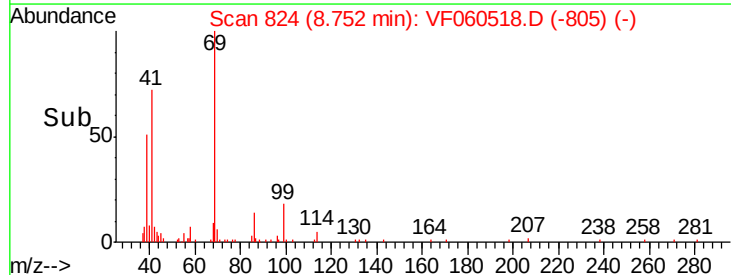
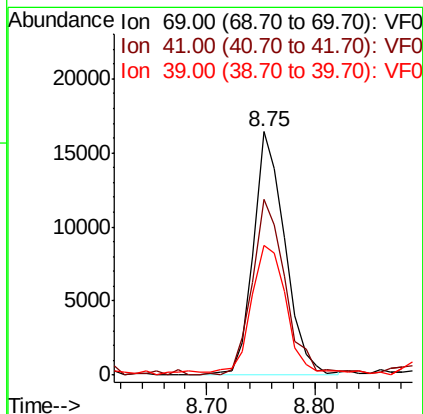
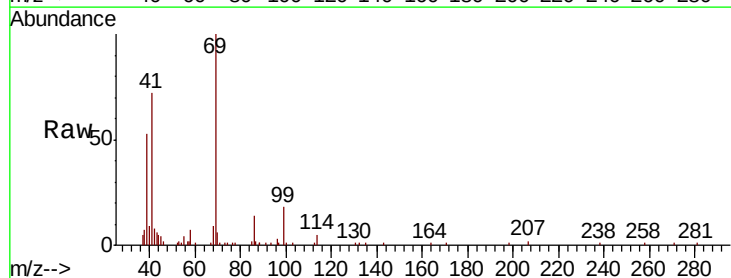
RT: 8.75 min Scan# 824

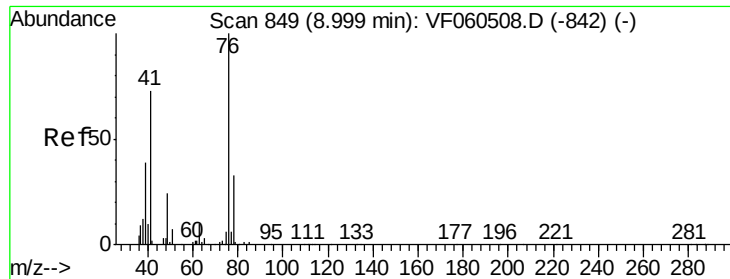
Delta R.T. -0.01 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.0	67.2	100.8
39	53.2	58.4	87.6#





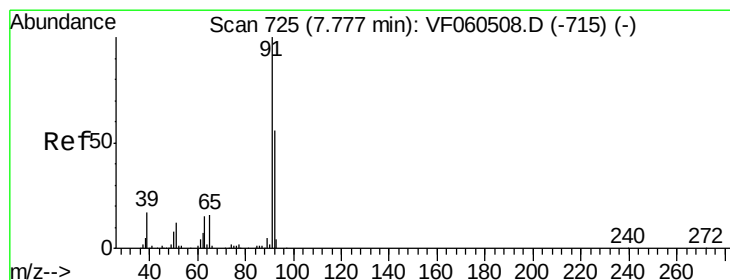
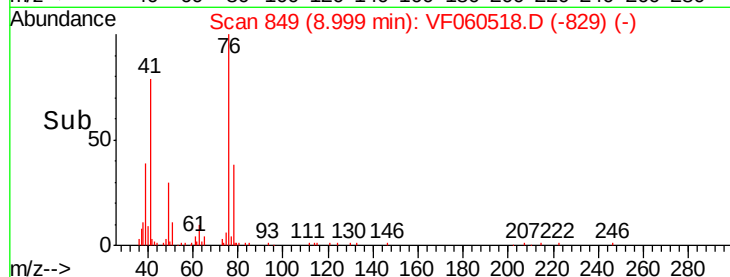
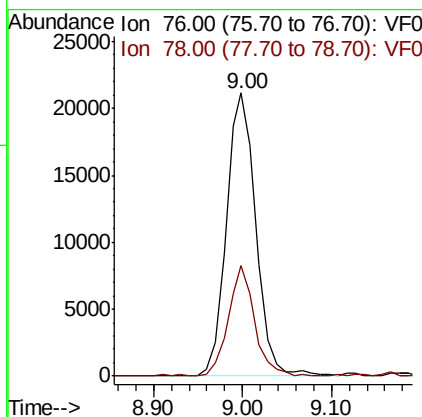
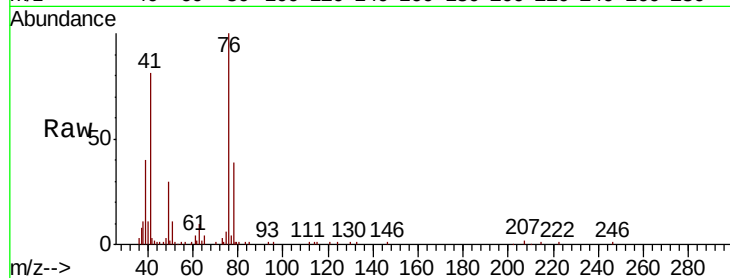
#57
 1,3-Dichloropropane
 Concen: 21.588 ug/l
 RT: 9.00 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: VF060518.D
 Acq: 26 Oct 2018 16:03

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1026SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	39.3	26.6	40.0

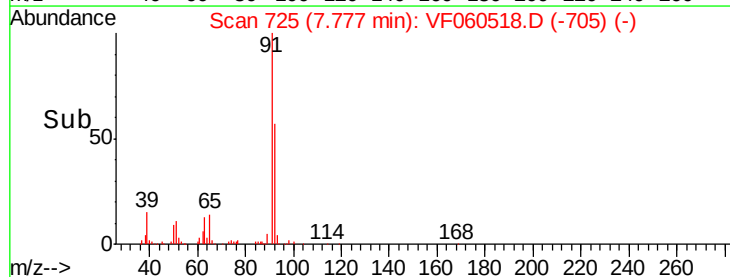
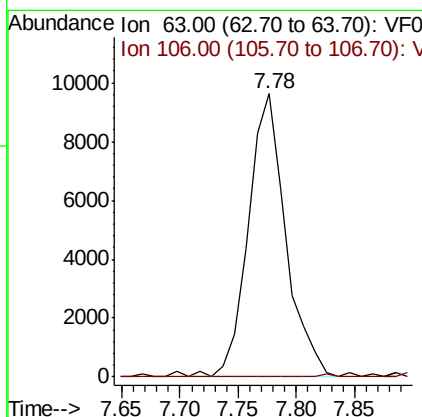
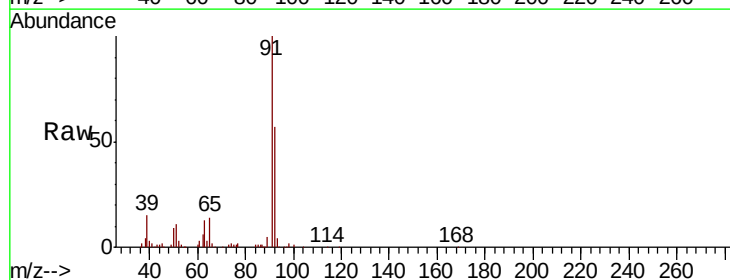
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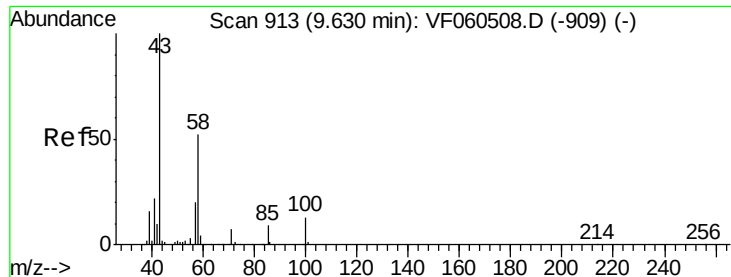
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#58
 2-Chloroethyl Vinyl ether
 Concen: 111.453 ug/l
 RT: 7.78 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: VF060518.D
 Acq: 26 Oct 2018 16:03

Tgt Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0





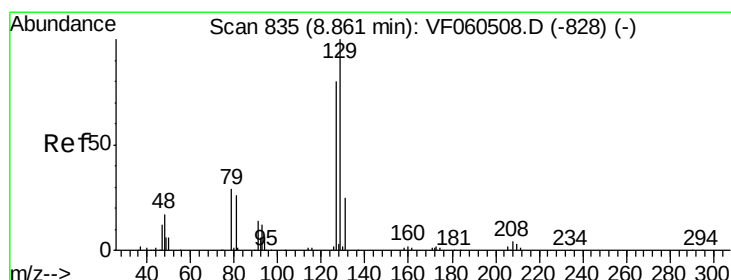
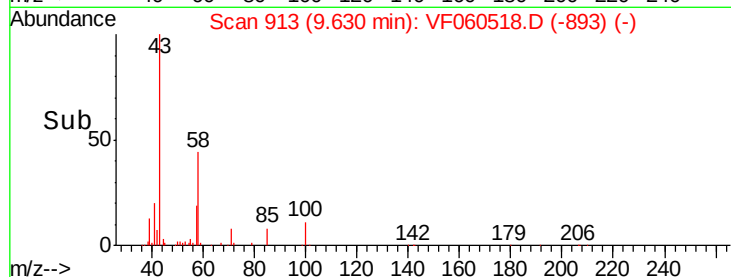
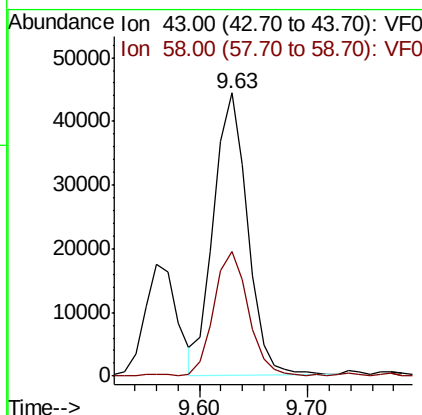
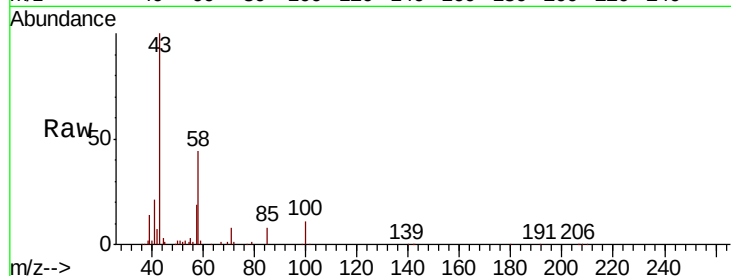
#59
2-Hexanone
Concen: 136.153 ug/l
RT: 9.63 min Scan# 913
Delta R.T. 0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Instrument :
MSVOA_F
ClientSampleId :
VF1026SBS01

Tot Ion	43	58	Ratio	Lower	Upper
Resp:	96985				
Ion	43	58	100	23.5	70.5

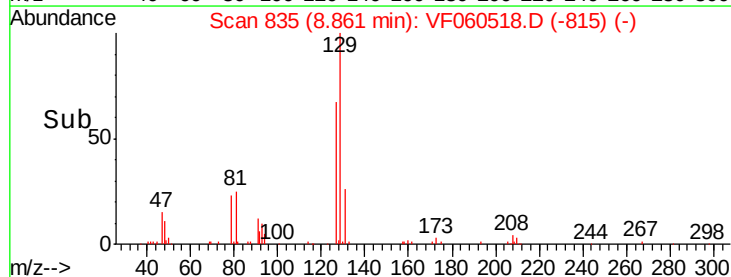
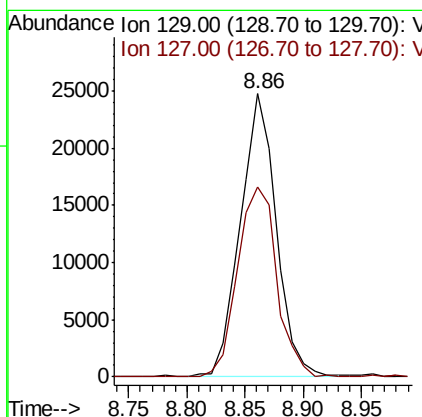
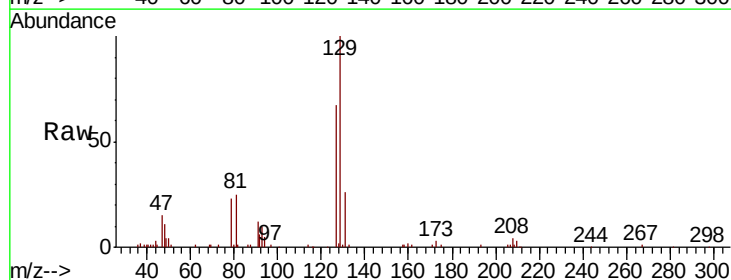
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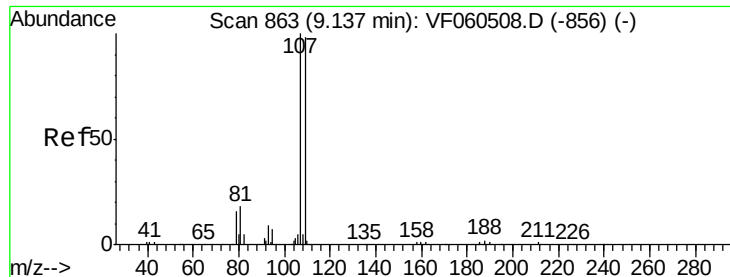
apatel
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#60
Dibromochloromethane
Concen: 21.506 ug/l
RT: 8.86 min Scan# 835
Delta R.T. -0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Tgt Ion	129	127	Ratio	Lower	Upper
Resp:	53079				
Ion	129	127	100	40.2	120.5





#61

1,2-Dibromoethane

Concen: 21.862 ug/l

RT: 9.14 min Scan# 863

Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

VF1026SBSD01

Tot Ion: 107 Resp: 33780

Ion Ratio Lower Upper

107 100

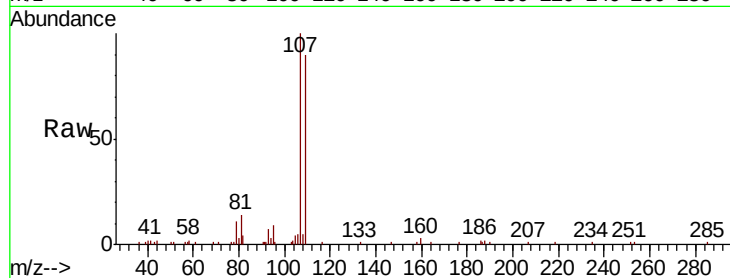
109 89.6 78.6 118.0

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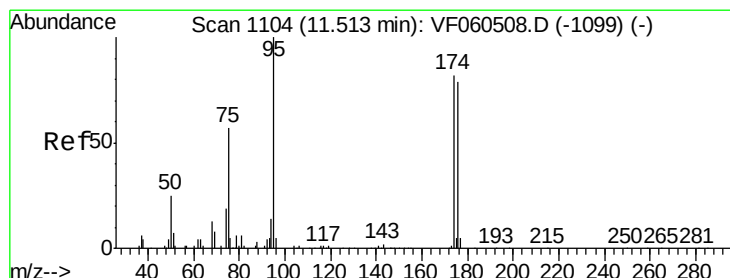
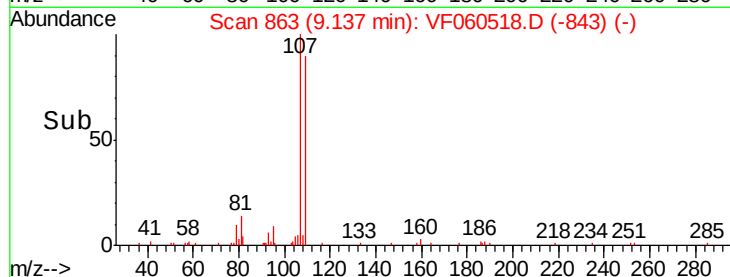
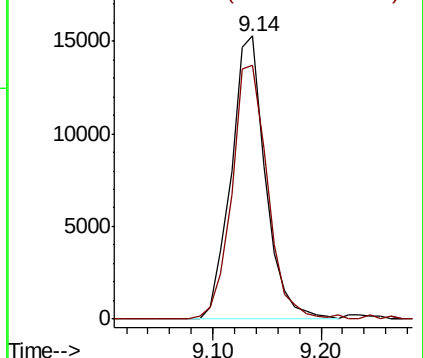
apatel

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Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 50.221 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. -0.01 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

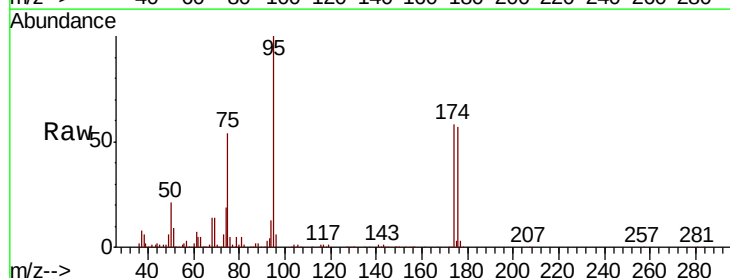
Tgt Ion: 95 Resp: 172510

Ion Ratio Lower Upper

95 100

174 58.4 0.0 164.2

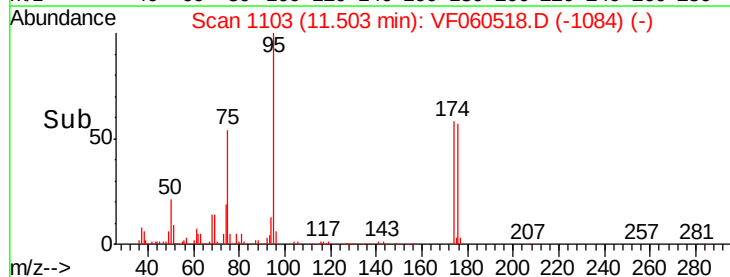
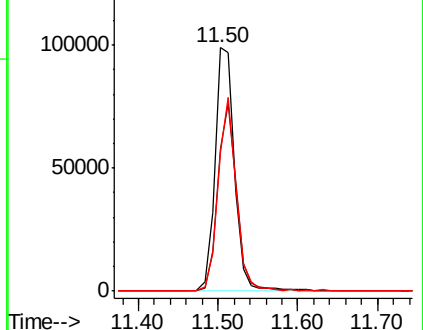
176 56.9 0.0 158.4

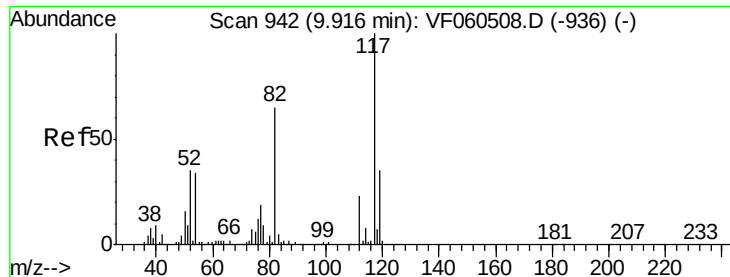


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





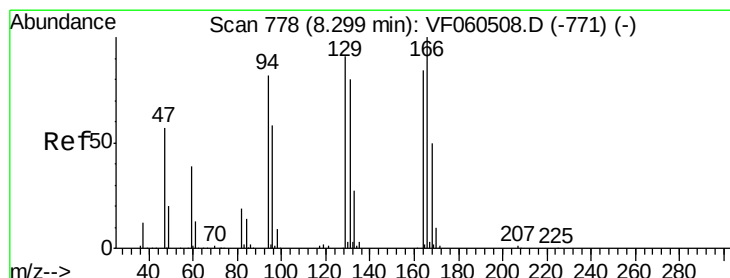
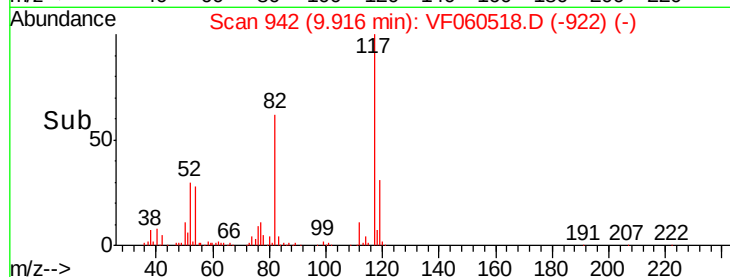
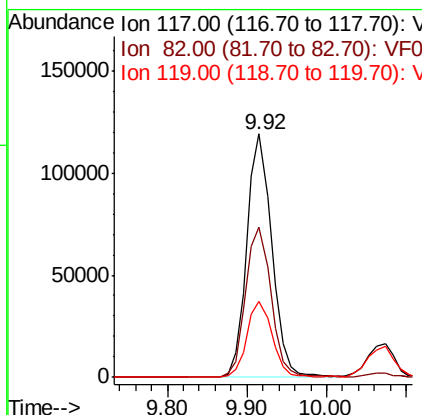
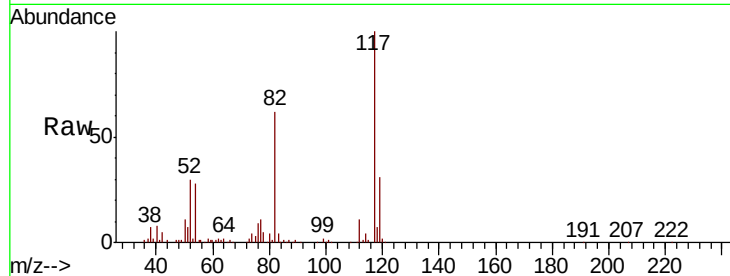
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 942
Delta R.T. -0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Instrument :
MSVOA_F
ClientSampleId :
VF1026SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	257215		
82	61.6		51.7	77.5
119	31.0		28.3	42.5

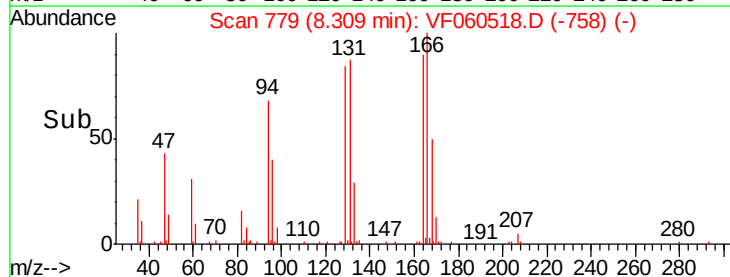
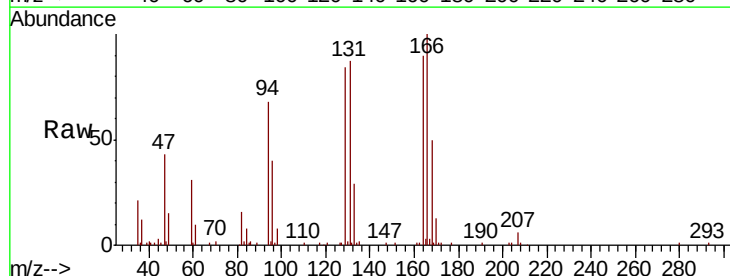
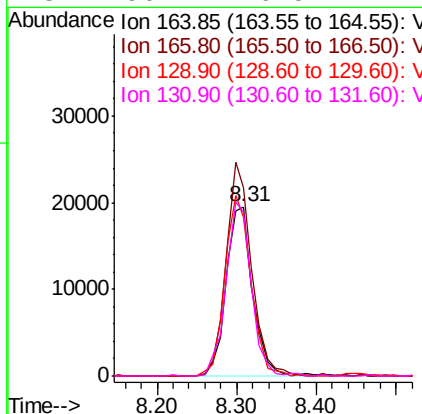
Manual Integrations
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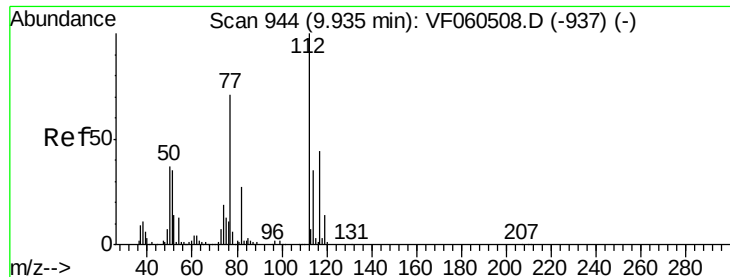
apatel
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#64
Tetrachloroethene
Concen: 21.190 ug/l
RT: 8.31 min Scan# 779
Delta R.T. 0.01 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	45947		
166	110.8		95.1	142.7
129	93.4		86.3	129.5
131	96.7		76.5	114.7





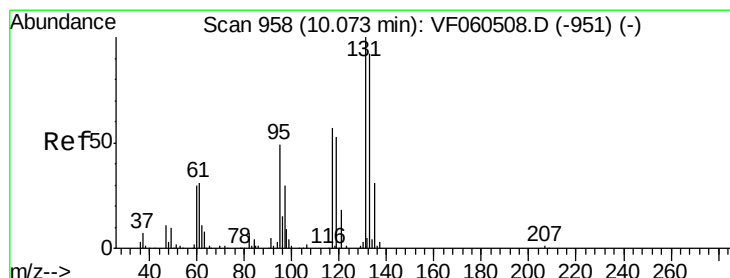
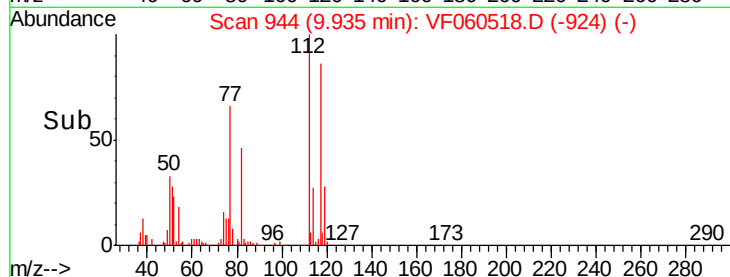
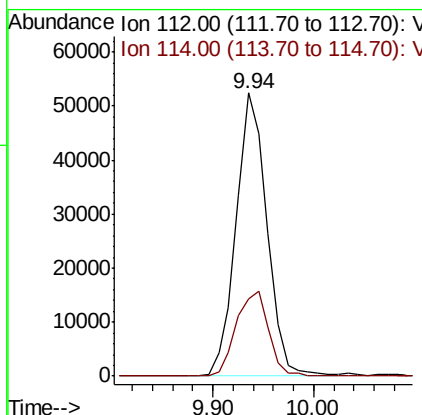
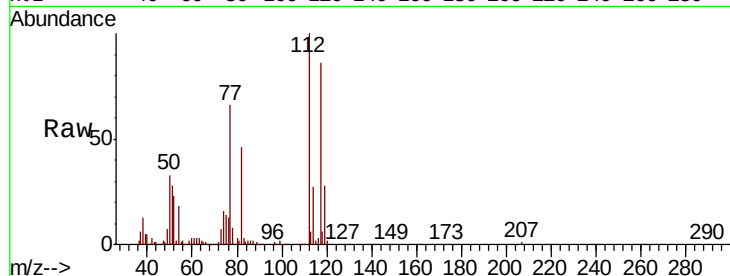
#65
Chlorobenzene
Concen: 20.700 ug/l
RT: 9.94 min Scan# 944
Delta R.T. -0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Instrument :
MSVOA_F
ClientSampleId :
VF1026SBS01

Tot Ion:112 Resp: 111936
Ion Ratio Lower Upper
112 100
114 27.4 27.7 41.5#

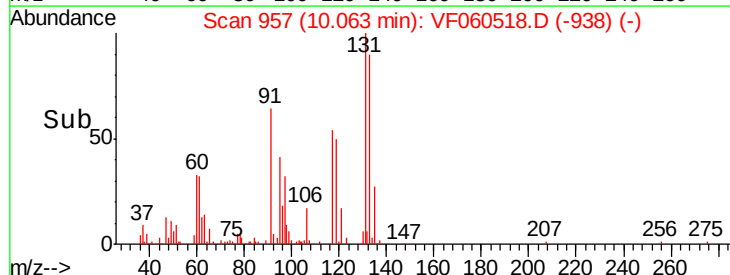
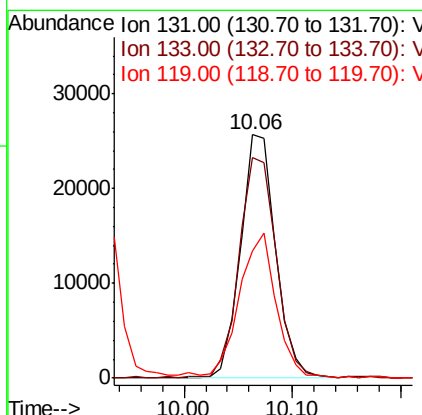
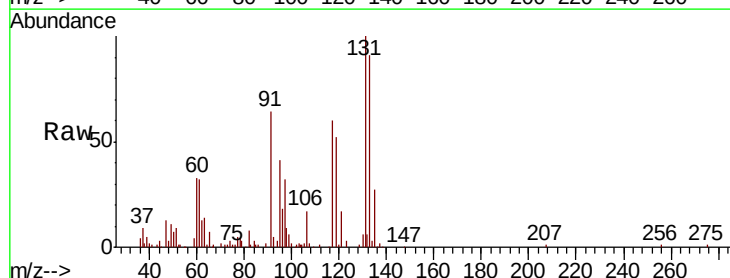
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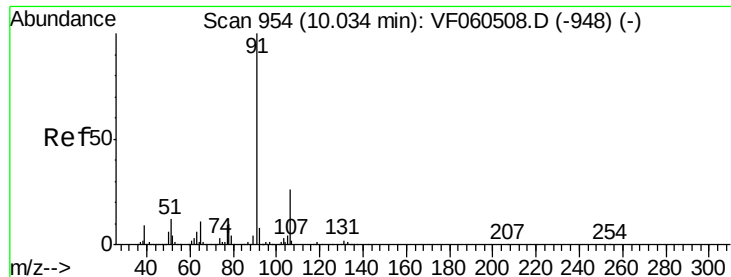
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.610 ug/l
RT: 10.06 min Scan# 957
Delta R.T. -0.01 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Tgt Ion:131 Resp: 57690
Ion Ratio Lower Upper
131 100
133 90.6 46.1 138.2
119 52.0 27.0 80.8





#67

Ethyl Benzene

Concen: 20.683 ug/l

RT: 10.03 min Scan# 954

Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

VF1026SBSD01

Tot Ion: 91 Resp: 228392

Ion Ratio Lower Upper

91 100

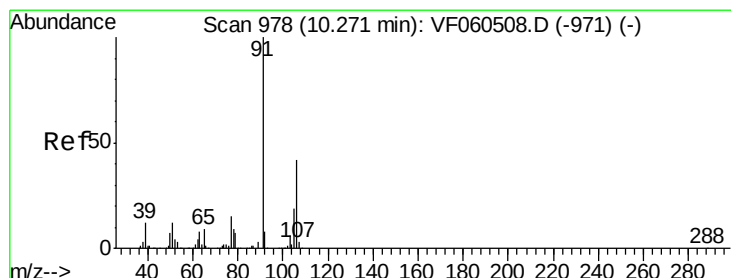
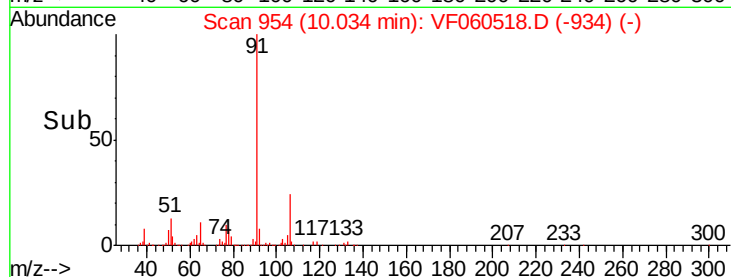
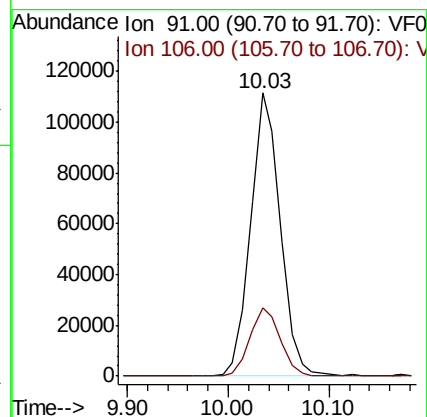
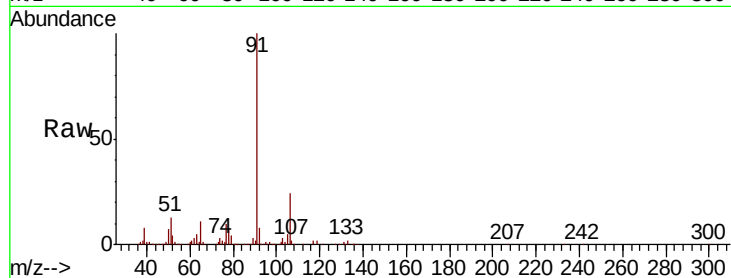
106 24.3 20.7 31.1

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#68

m/p-Xylenes

Concen: 41.907 ug/l

RT: 10.26 min Scan# 977

Delta R.T. -0.01 min

Lab File: VF060518.D

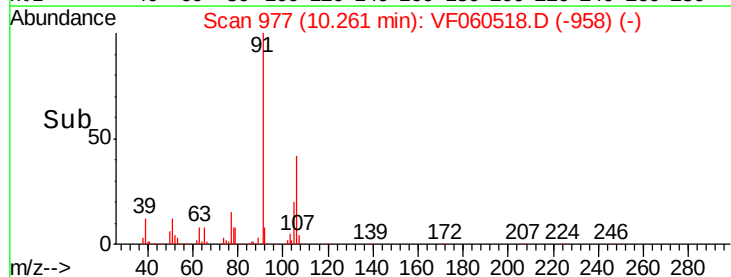
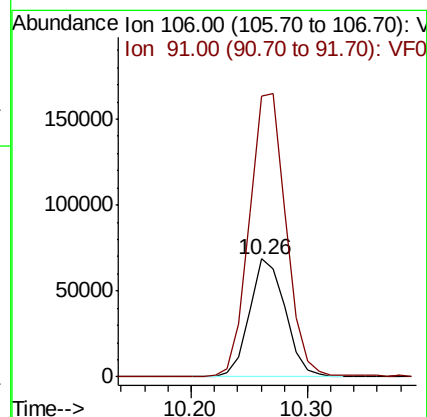
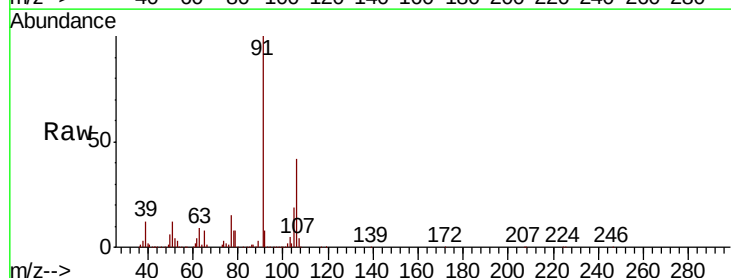
Acq: 26 Oct 2018 16:03

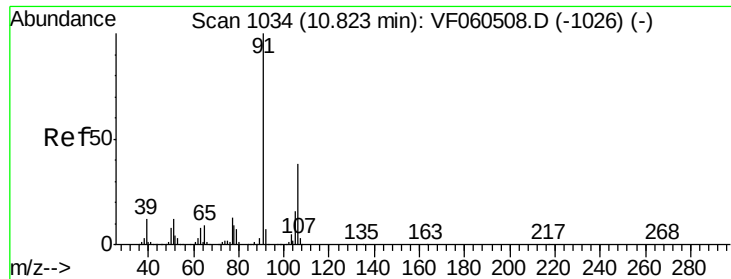
Tgt Ion: 106 Resp: 145277

Ion Ratio Lower Upper

106 100

91 239.1 192.5 288.7





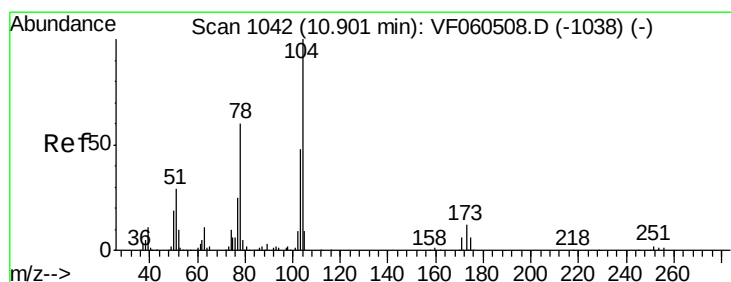
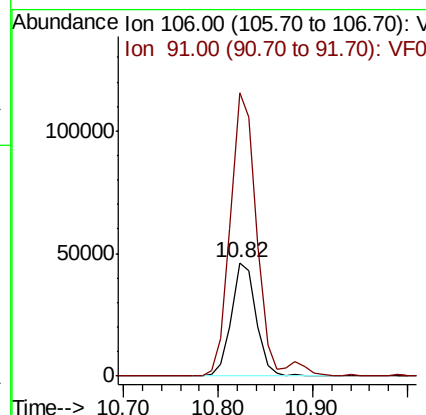
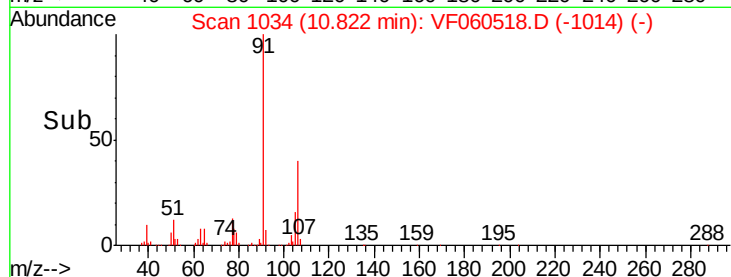
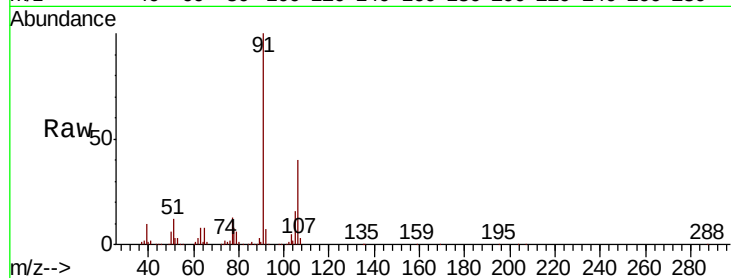
#69
o-Xylene
Concen: 21.723 ug/l
RT: 10.82 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Instrument :
MSVOA_F
ClientSampleId :
VF1026SBS01

Tot Ion:106 Resp: 84474
Ion Ratio Lower Upper
106 100
91 250.2 130.9 392.7

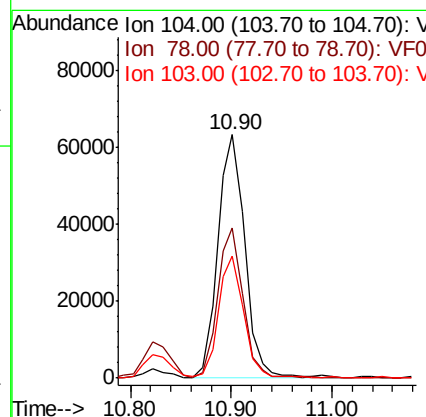
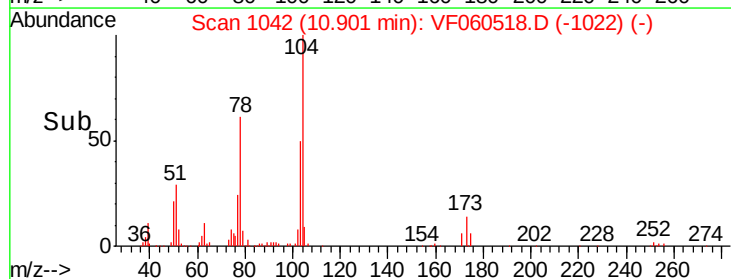
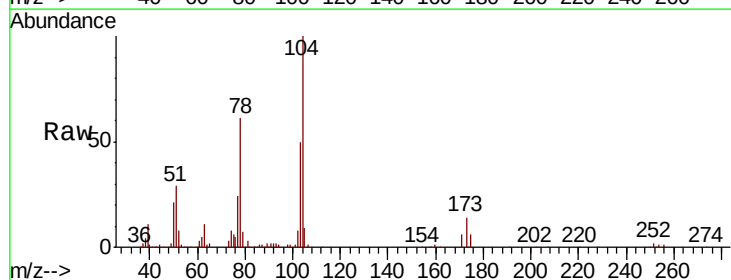
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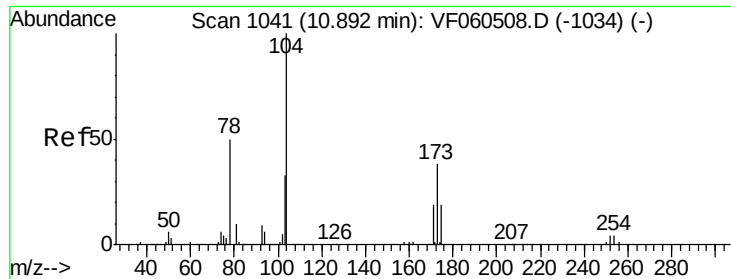
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#70
Styrene
Concen: 21.767 ug/l
RT: 10.90 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Tgt Ion:104 Resp: 118171
Ion Ratio Lower Upper
104 100
78 61.5 48.7 73.1
103 49.9 38.8 58.2





#71

Bromoform

Concen: 20.008 ug/l

RT: 10.88 min Scan# 1040

Delta R.T. -0.01 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

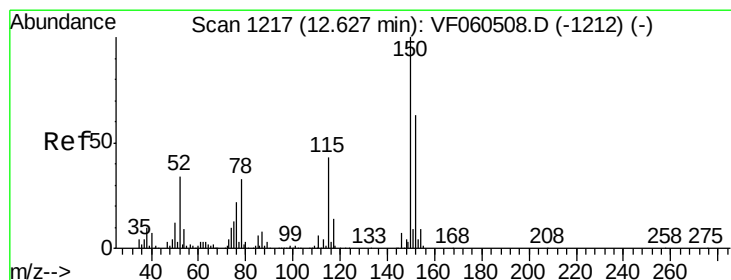
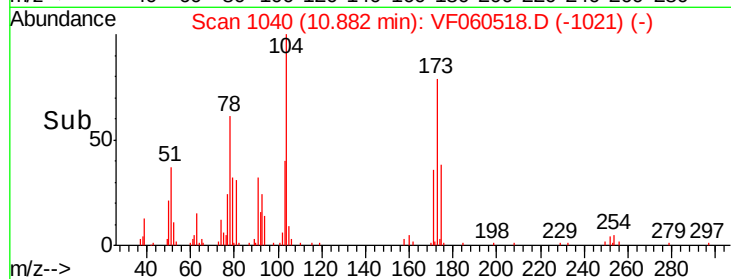
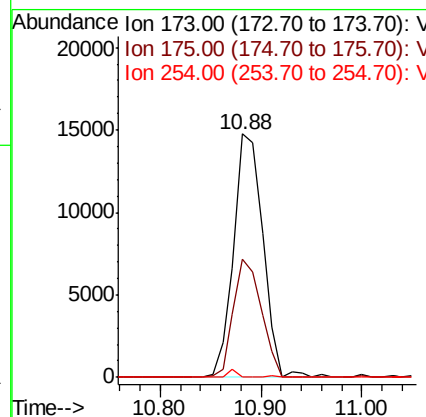
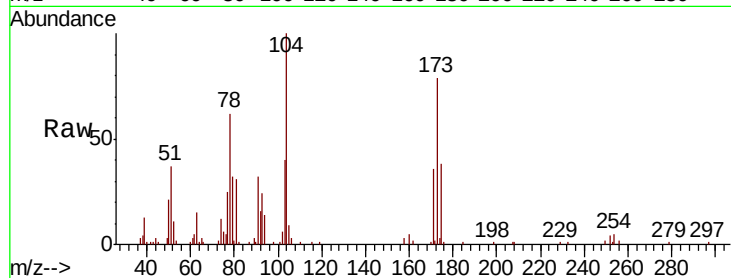
ClientSampleId :

VF1026SBS01

Tot Ion:	173	Resp:	29800
Ion Ratio	Lower	Upper	
173	100		
175	49.6	25.5	76.5
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

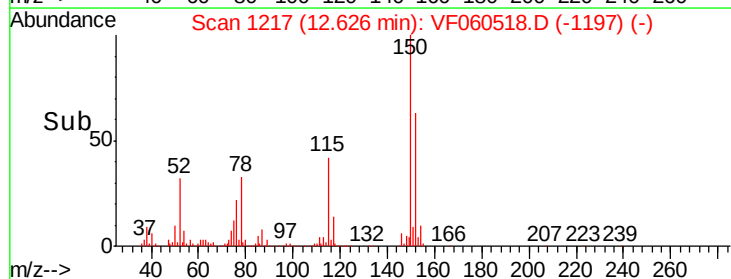
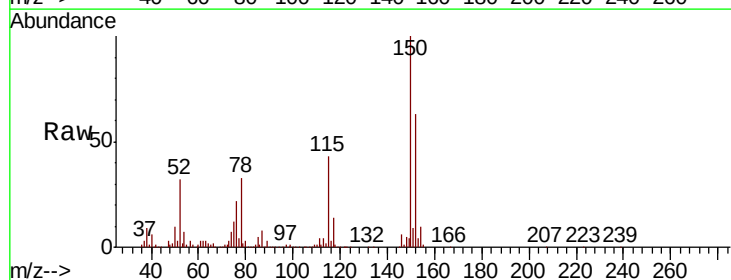
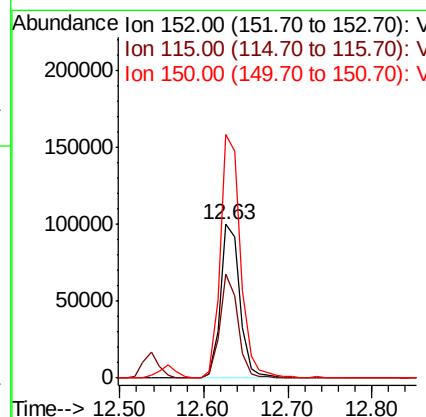
RT: 12.63 min Scan# 1217

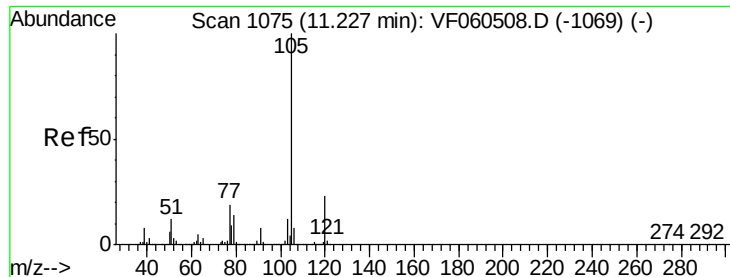
Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Tgt Ion:	152	Resp:	161015
Ion Ratio	Lower	Upper	
152	100		
115	67.6	34.6	103.9
150	158.7	0.0	319.8





#73

Isopropylbenzene

Concen: 22.486 ug/l

RT: 11.23 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

VF1026SBSD01

Tot Ion:105 Resp: 287617

Ion Ratio Lower Upper

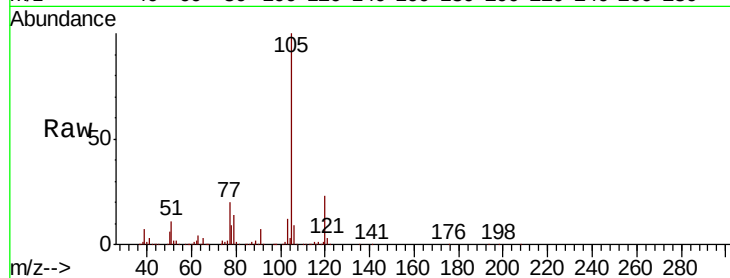
105 100

120 23.3 11.6 34.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.23

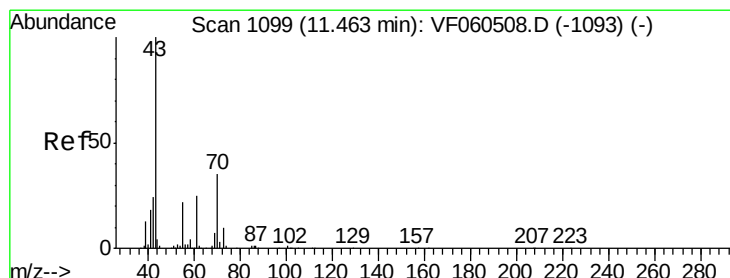
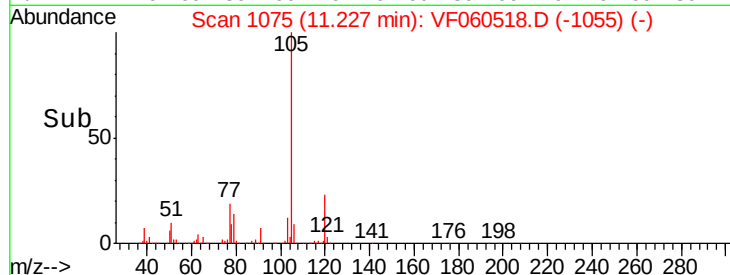
150000

100000

50000

0

Time--> 11.10 11.20 11.30



#74

N-ethyl acetate

Concen: 26.244 ug/l

RT: 11.46 min Scan# 1099

Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Tgt Ion: 43 Resp: 59612

Ion Ratio Lower Upper

43 100

70 30.8 28.2 42.2

55 18.7 17.9 26.9

61 24.0 19.9 29.9

Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

11.46

40000

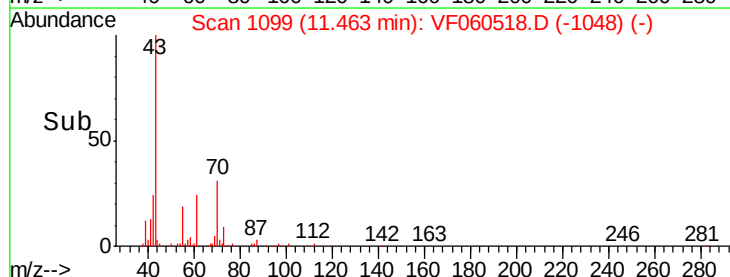
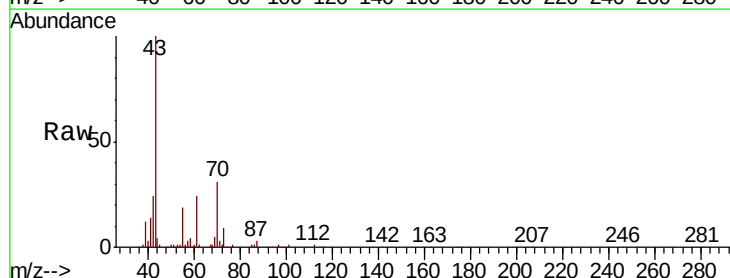
30000

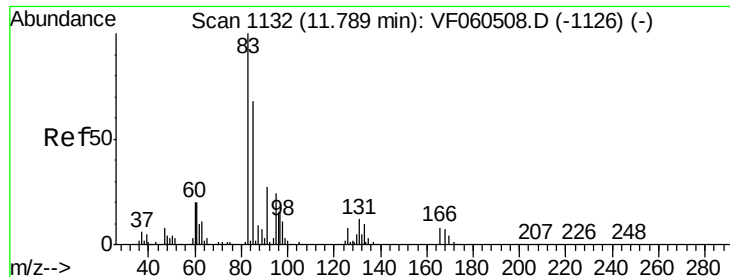
20000

10000

0

Time--> 11.40 11.50 11.60





#75

1,1,2,2-Tetrachloroethane

Concen: 23.584 ug/l

RT: 11.79 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

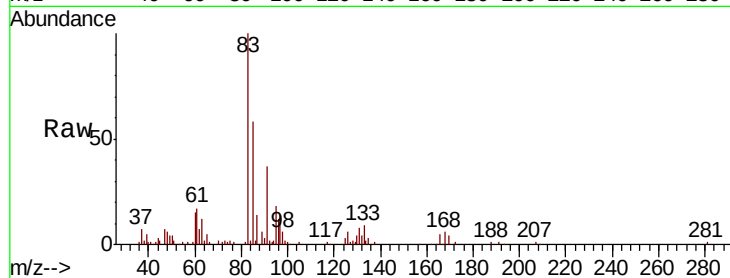
ClientSampleId :

VF1026SBSD01

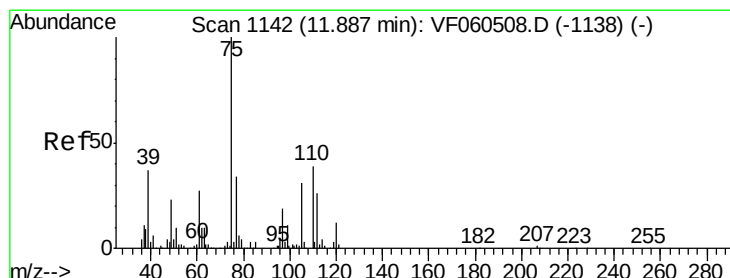
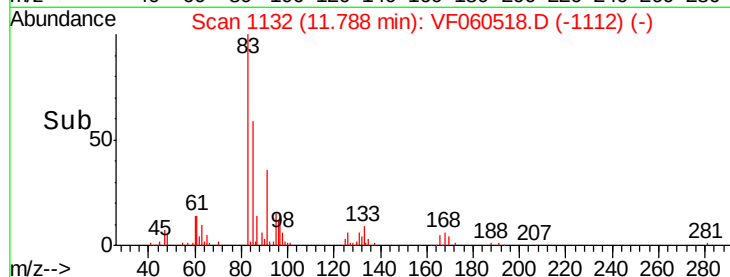
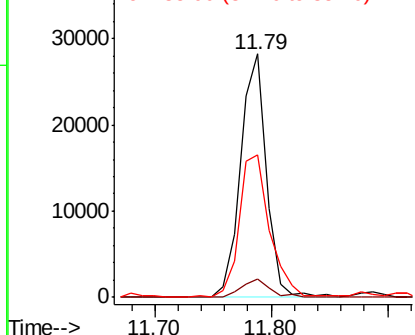
Tot Ion:	83	Resp:	43465
Ion Ratio	Lower	Upper	
83	100		
131	7.8	5.8	17.4
85	58.3	34.2	102.6

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



#76

1,2,3-Trichloropropane

Concen: 21.069 ug/l

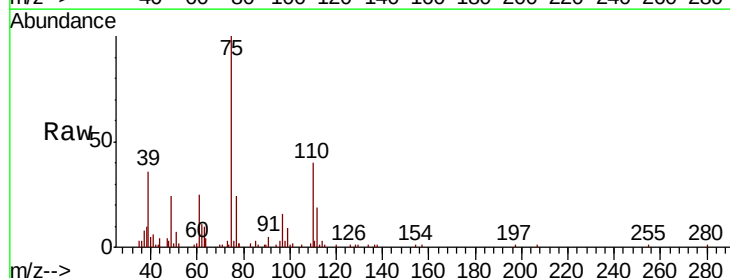
RT: 11.88 min Scan# 1141

Delta R.T. -0.01 min

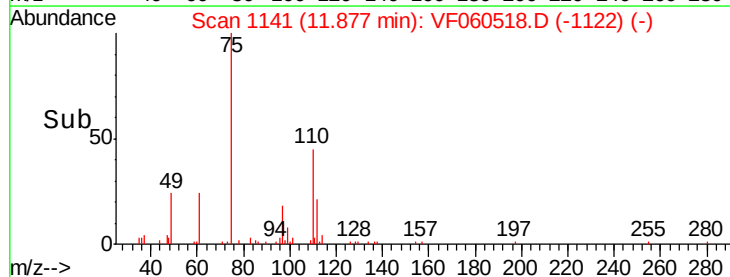
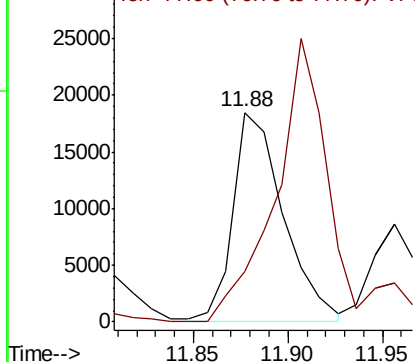
Lab File: VF060518.D

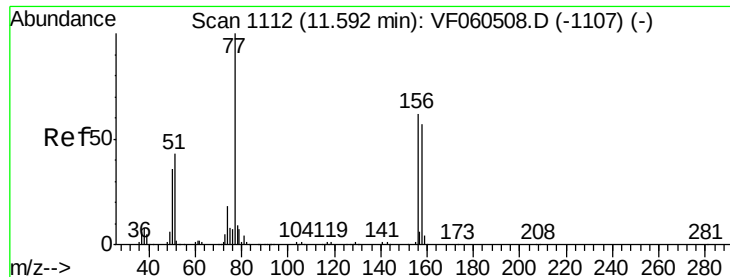
Acq: 26 Oct 2018 16:03

Tgt Ion:	75	Resp:	33903
Ion Ratio	Lower	Upper	
75	100		
77	24.1	17.2	51.5



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





#77

Bromobenzene

Concen: 21.866 ug/l

RT: 11.59 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

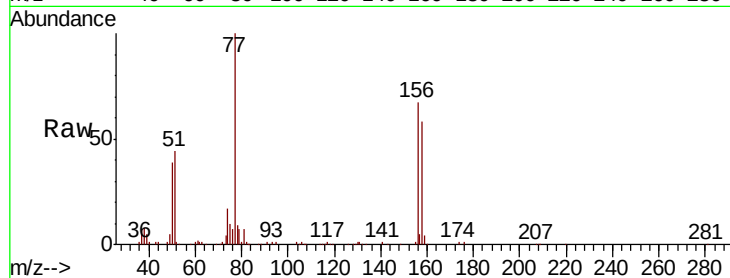
ClientSampleId :

VF1026SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.5	80.1	240.3
158	86.8	45.9	137.6

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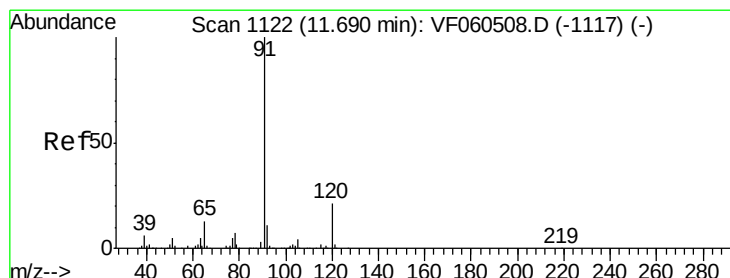
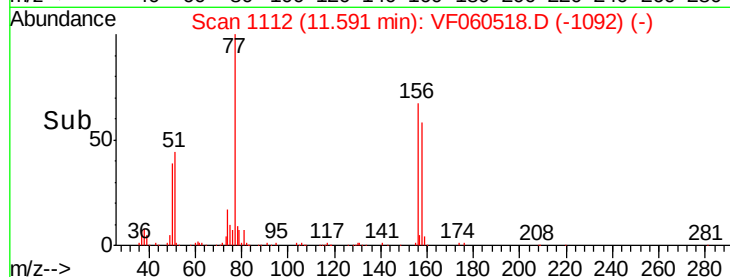
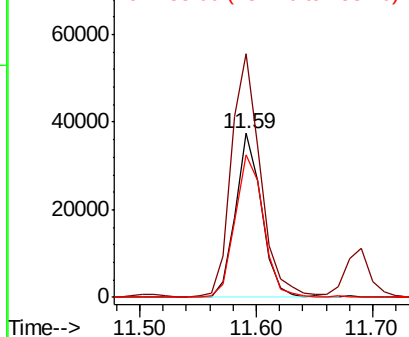


Abundance

Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 23.175 ug/l

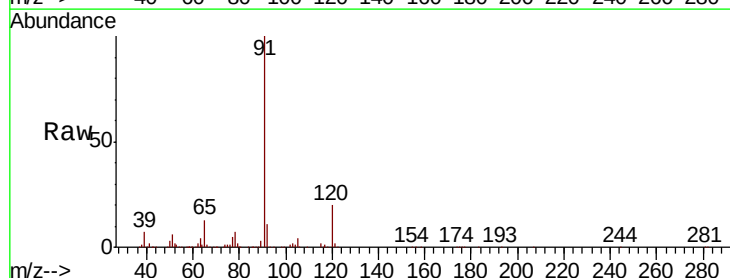
RT: 11.69 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

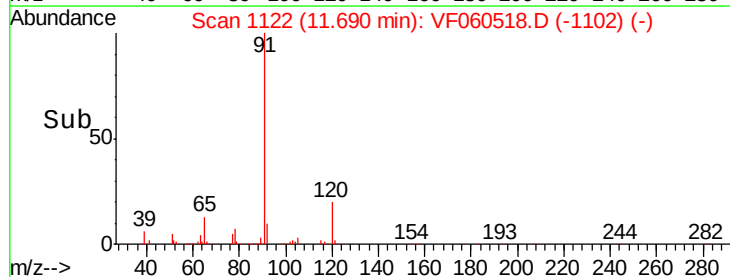
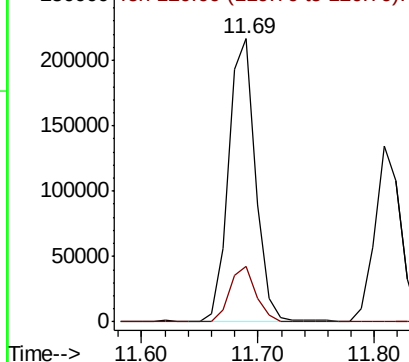
Tgt Ion	Ratio	Lower	Upper
91	100		
120	19.6	10.3	30.9

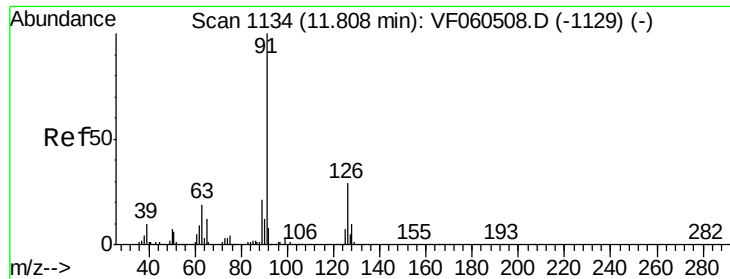


Abundance

Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.829 ug/l

RT: 11.81 min Scan# 1134

Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

VF1026SBS01

Tot Ion: 91 Resp: 206880

Ion Ratio Lower Upper

91 100

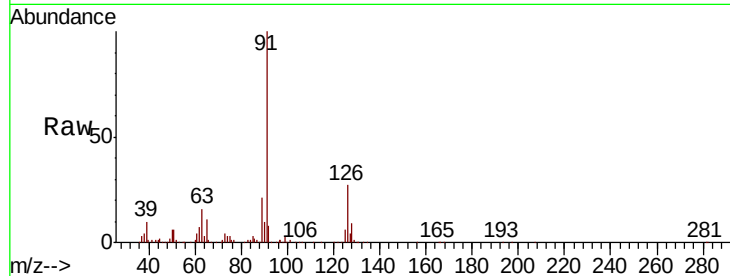
126 26.8 14.4 43.2

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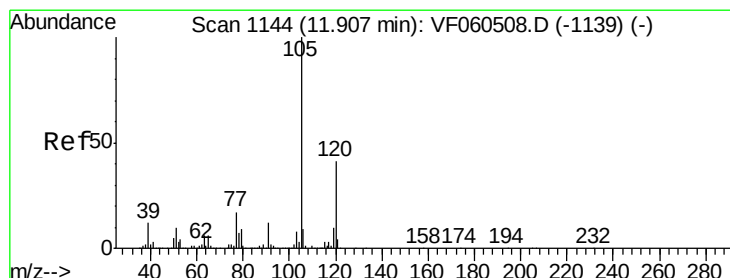
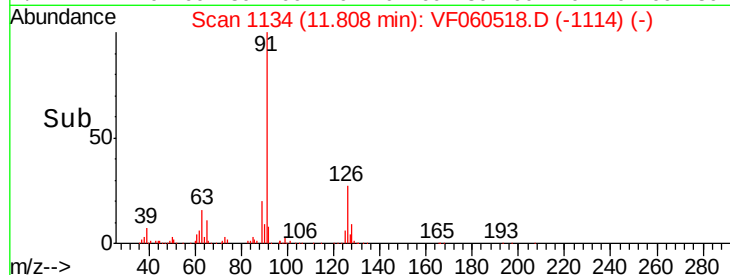
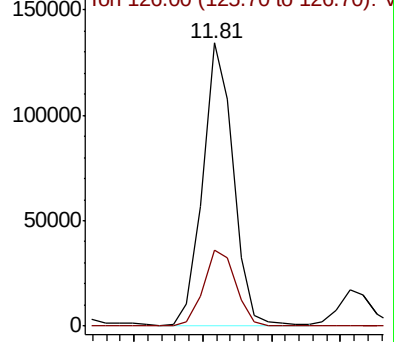
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Abundance Ion 91.00 (90.70 to 91.70): VF060508.D (-1129) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.154 ug/l

RT: 11.91 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VF060518.D

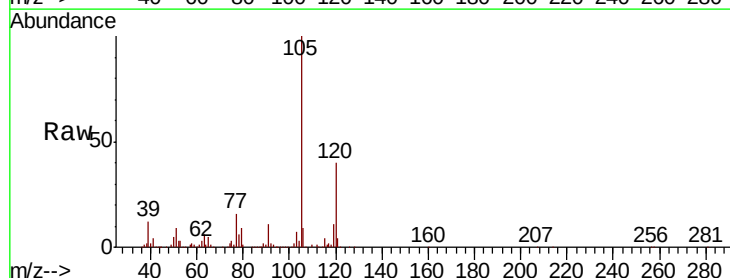
Acq: 26 Oct 2018 16:03

Tgt Ion: 105 Resp: 248861

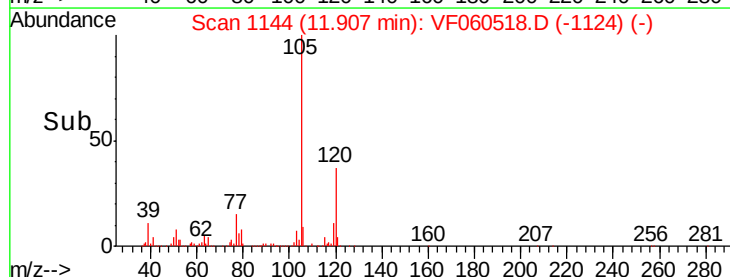
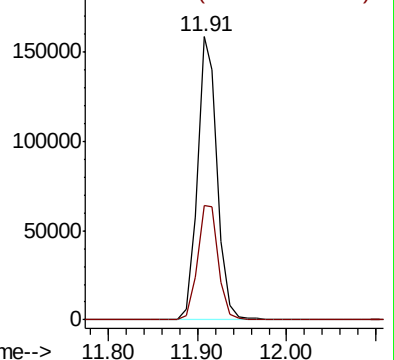
Ion Ratio Lower Upper

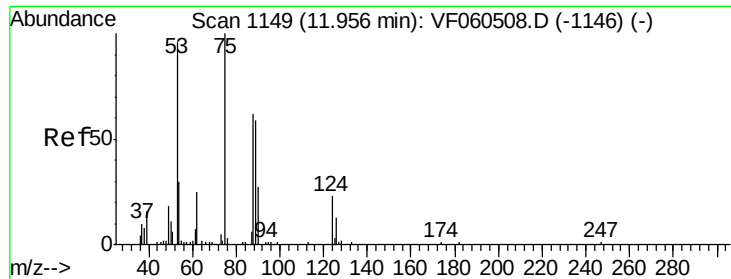
105 100

120 40.4 20.6 61.9



Abundance Ion 105.00 (104.70 to 105.70): VF060508.D (-1139) (-)





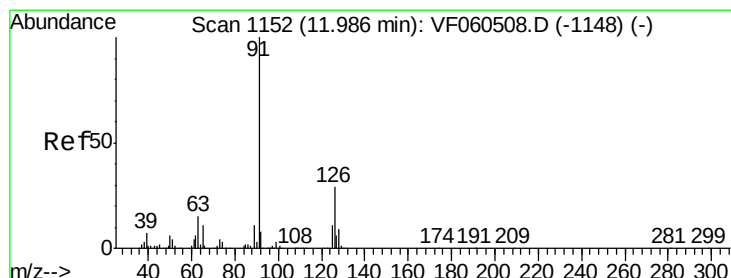
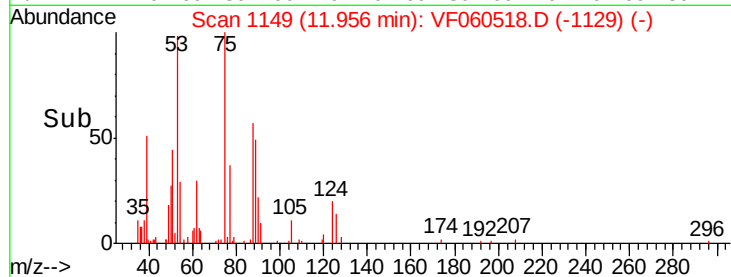
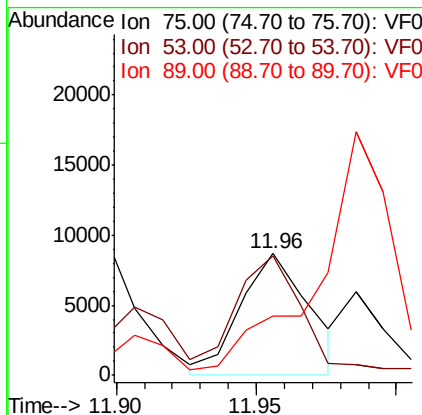
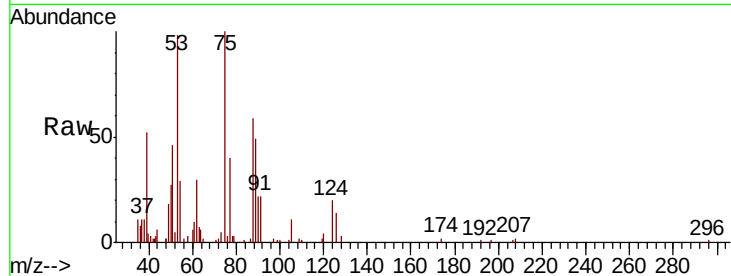
#81
trans-1,4-Dichloro-2-butene
Concen: 21.934 ug/l m
RT: 11.96 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Instrument :
MSVOA_F
ClientSampleId :
VF1026SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.1	85.0	127.6
89	49.0	50.2	75.4#

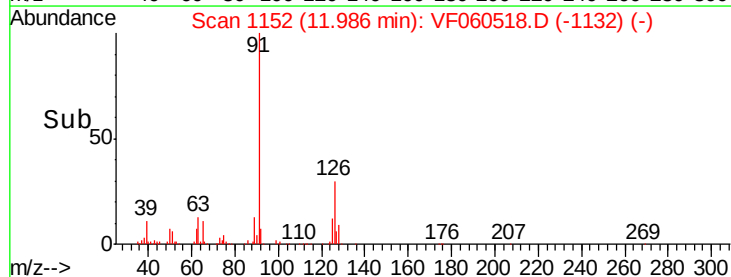
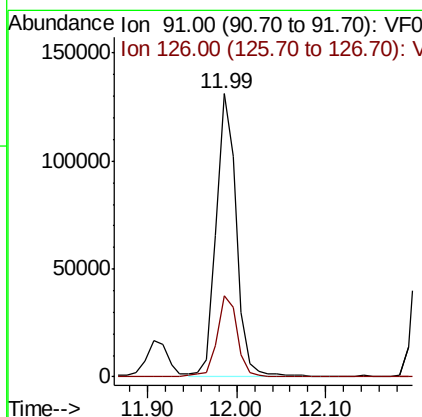
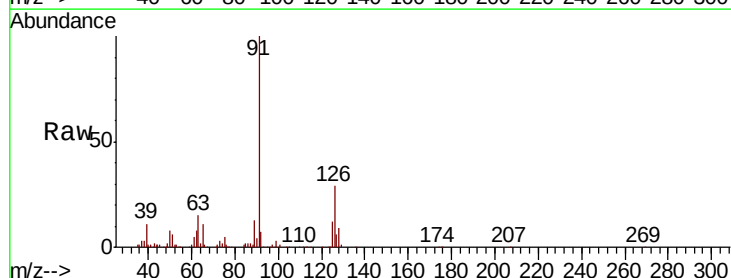
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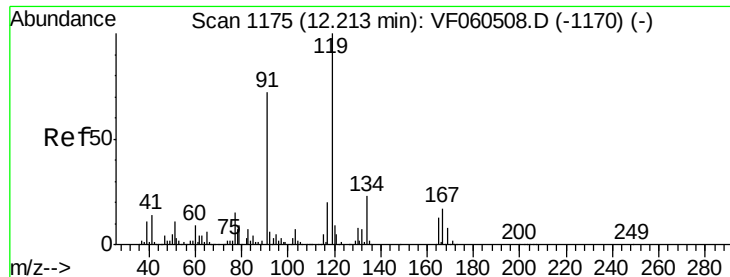
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#82
4-Chlorotoluene
Concen: 21.650 ug/l
RT: 11.99 min Scan# 1152
Delta R.T. -0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.8	44.4





#83

tert-Butylbenzene

Concen: 21.696 ug/l

RT: 12.21 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

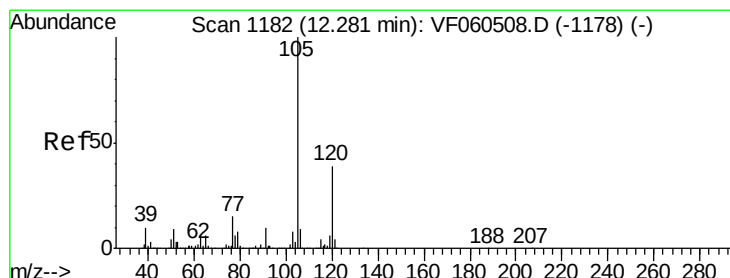
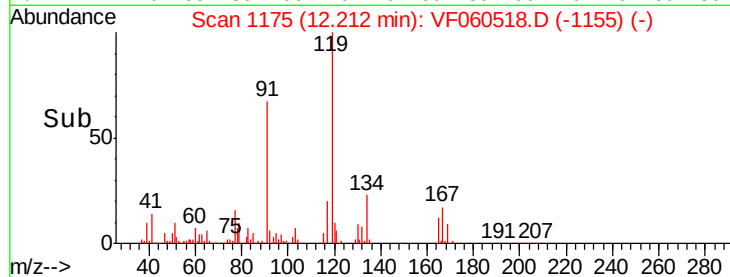
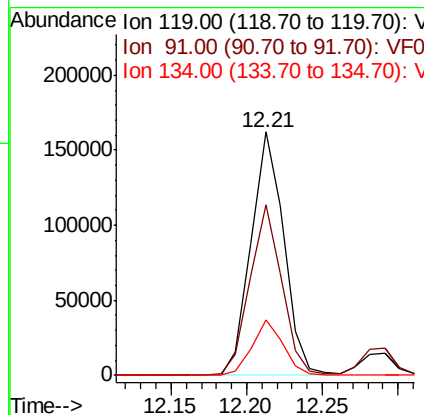
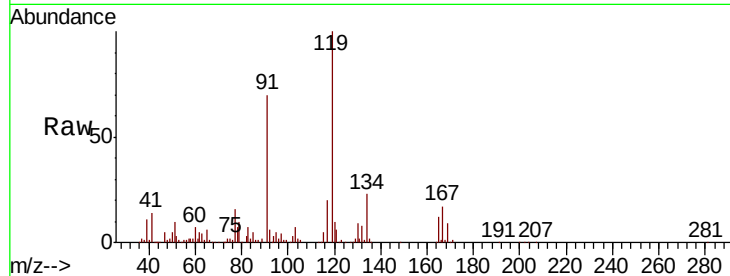
ClientSampleId :

VF1026SBSD01

Tot Ion:	119	Resp:	246184
Ion Ratio	Lower	Upper	
119	100		
91	70.3	36.3	108.9
134	22.6	11.4	34.2

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#84

1,2,4-Trimethylbenzene

Concen: 21.429 ug/l

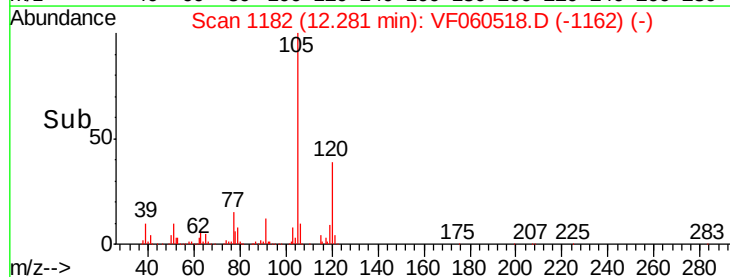
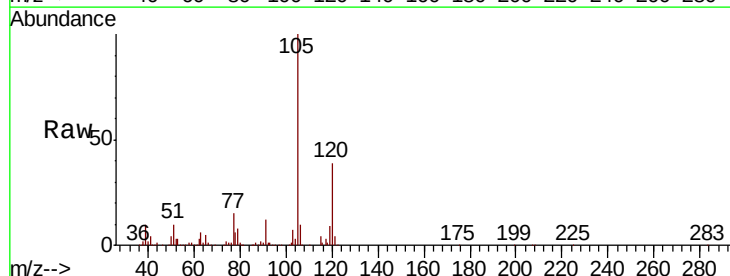
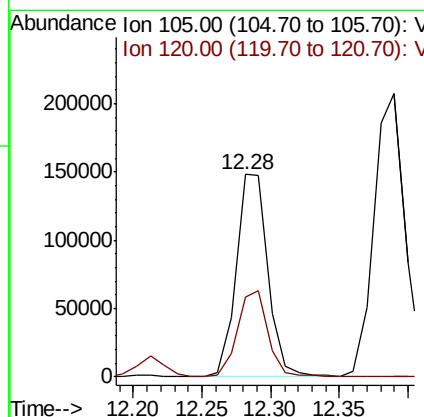
RT: 12.28 min Scan# 1182

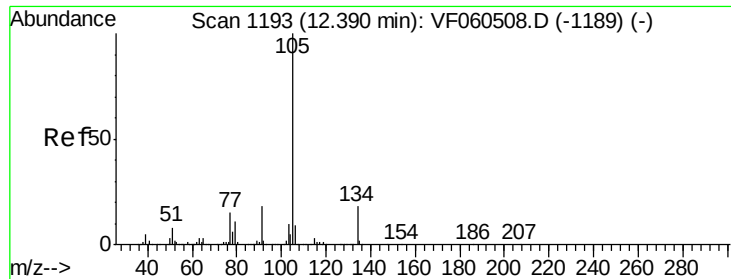
Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Tgt Ion:	105	Resp:	238603
Ion Ratio	Lower	Upper	
105	100		
120	39.4	19.4	58.1





#85

sec-Butylbenzene

Concen: 21.357 ug/l

RT: 12.39 min Scan# 1193

Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

ClientSampleId :

VF1026SBSD01

Tot Ion:105 Resp: 325223

Ion Ratio Lower Upper

105 100

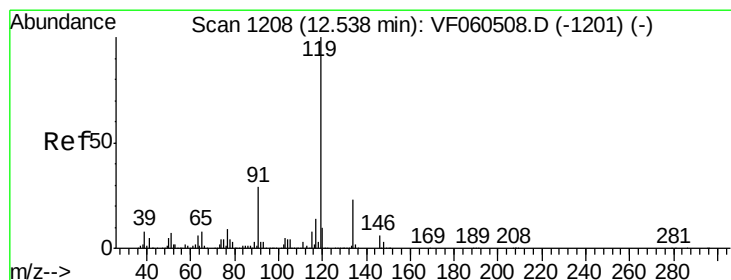
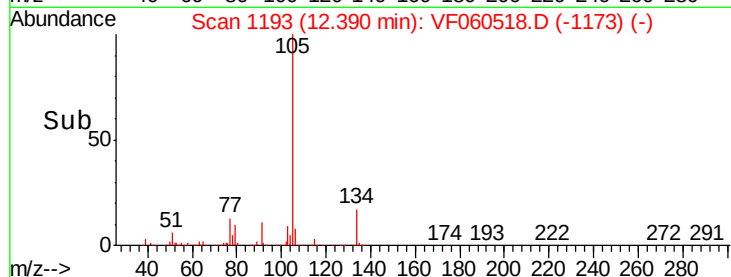
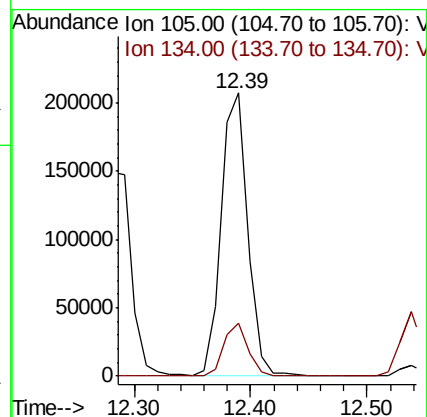
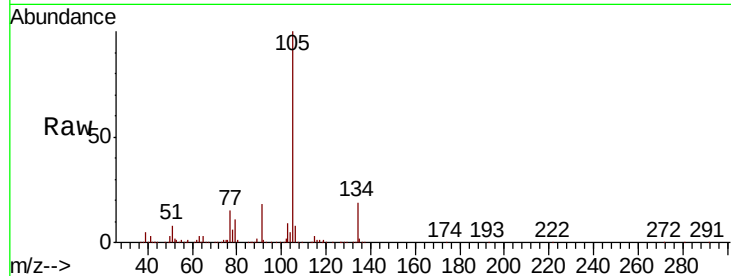
134 18.5 9.2 27.4

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#86

p-Isopropyltoluene

Concen: 21.572 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

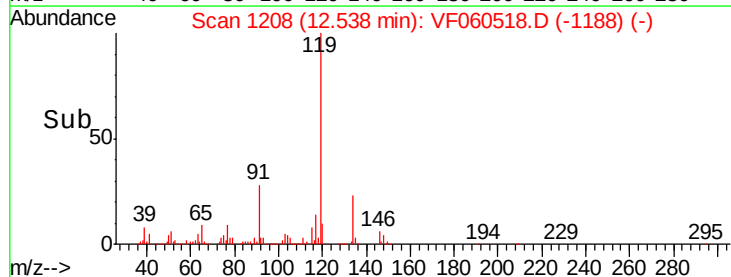
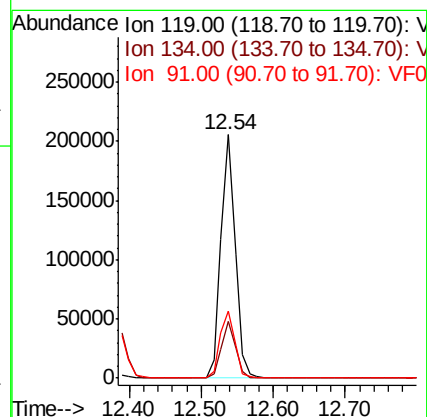
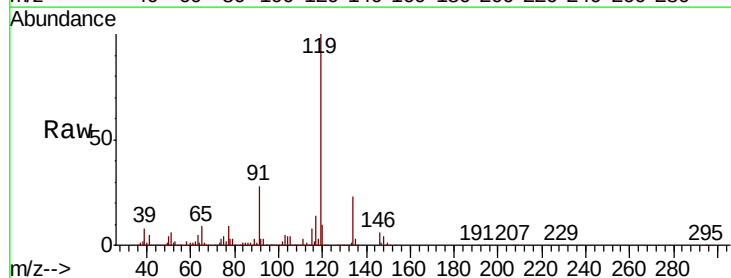
Tgt Ion:119 Resp: 279080

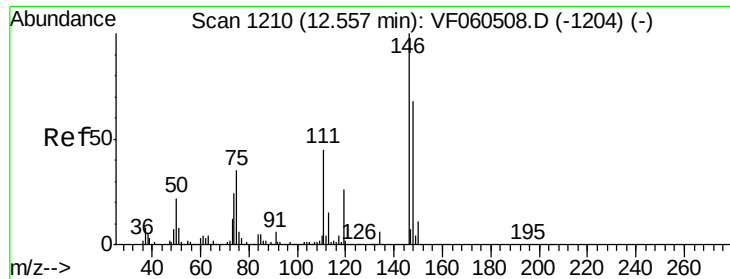
Ion Ratio Lower Upper

119 100

134 23.0 11.7 35.0

91 27.7 14.4 43.4





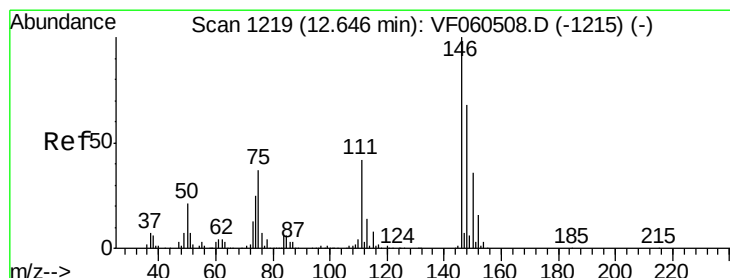
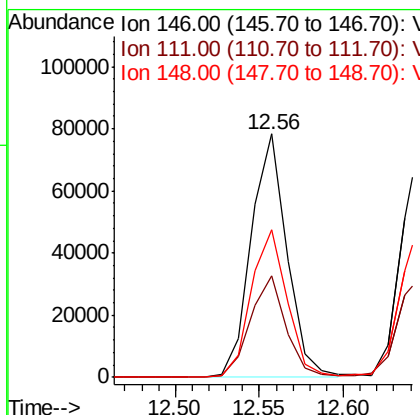
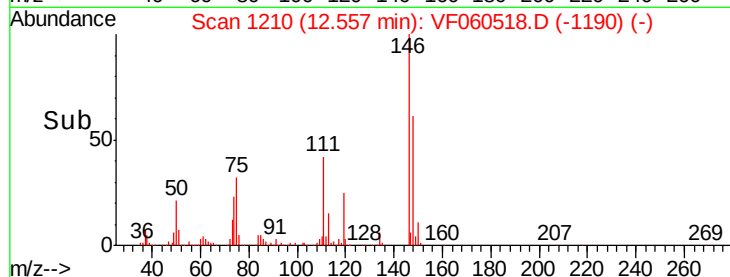
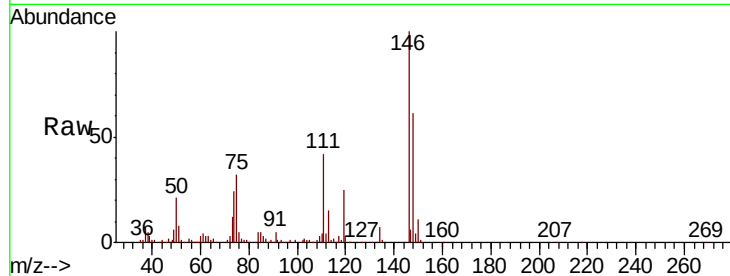
#87
 1,3-Dichlorobenzene
 Concen: 21.337 ug/l
 RT: 12.56 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: VF060518.D
 Acq: 26 Oct 2018 16:03

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1026SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	22.3	66.8
148	60.7	34.1	102.3

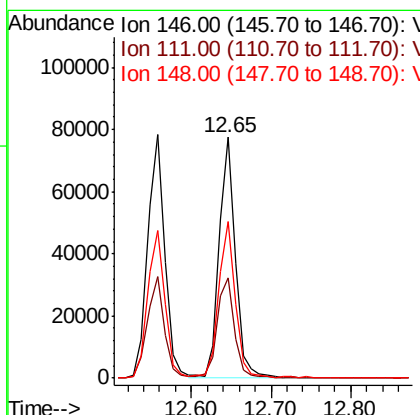
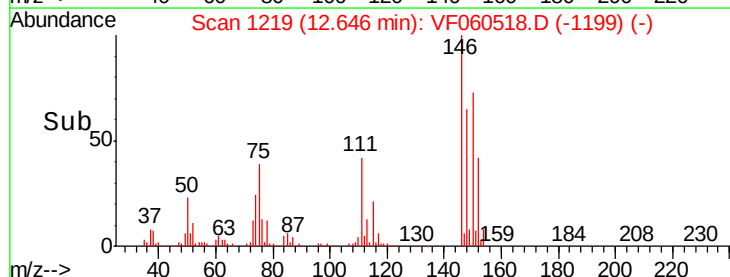
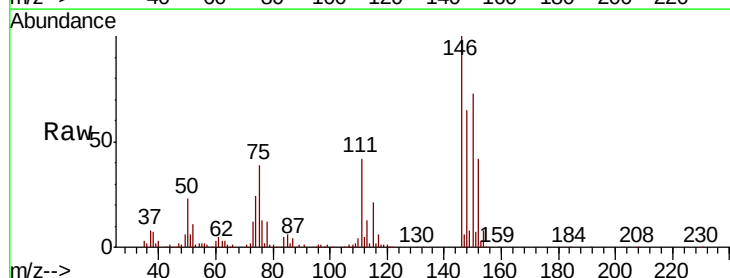
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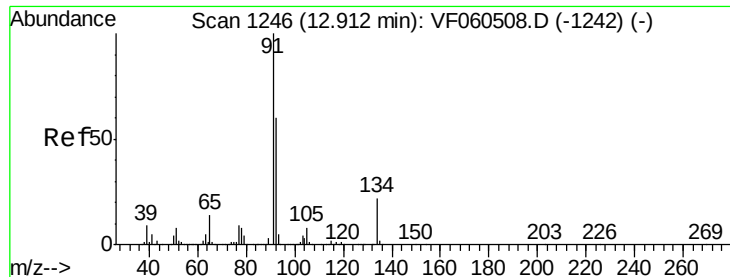
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#88
 1,4-Dichlorobenzene
 Concen: 21.633 ug/l
 RT: 12.65 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VF060518.D
 Acq: 26 Oct 2018 16:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.1	63.3
148	65.0	33.9	101.7





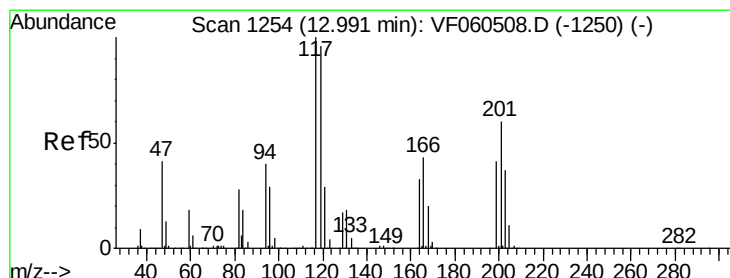
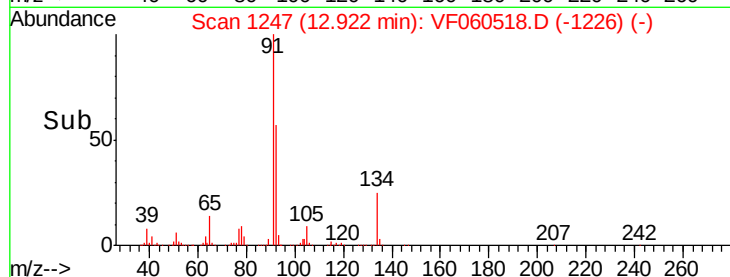
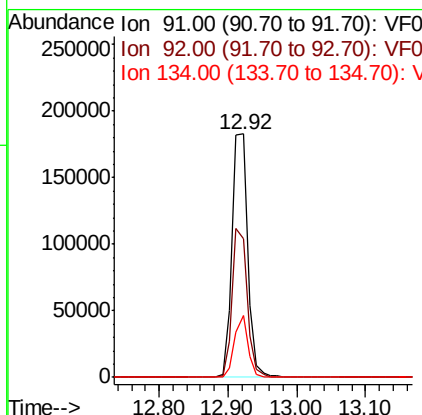
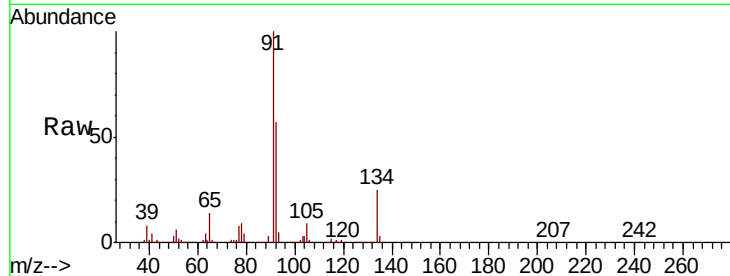
#89
n-Butylbenzene
Concen: 21.102 ug/l
RT: 12.92 min Scan# 1247
Delta R.T. 0.01 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Instrument :
MSVOA_F
ClientSampleId :
VF1026SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	56.8	29.8	89.3
134	25.3	10.9	32.7

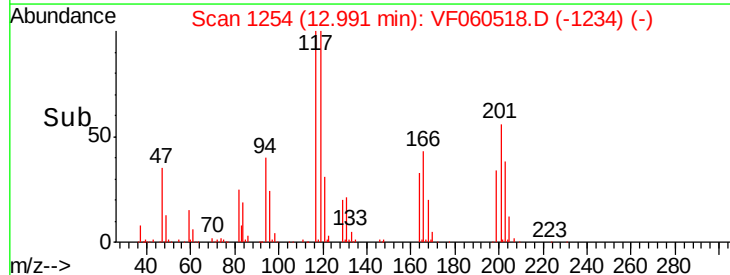
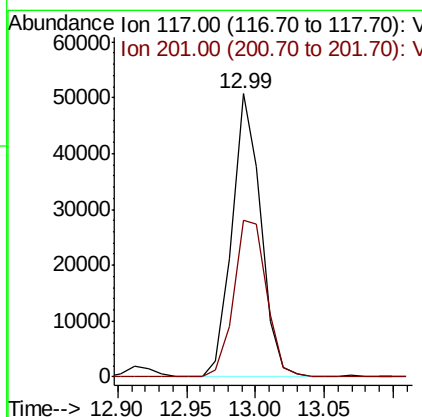
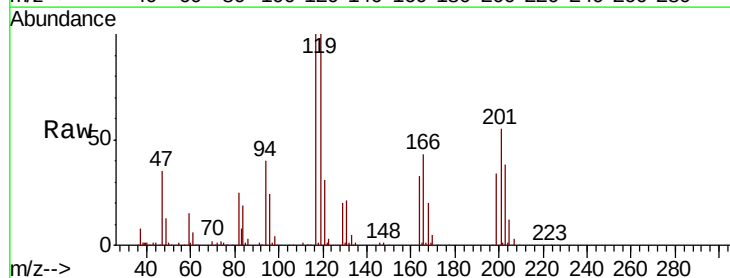
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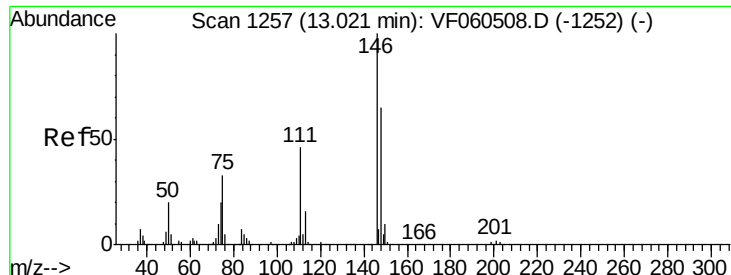
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#90
Hexachloroethane
Concen: 21.775 ug/l
RT: 12.99 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VF060518.D
Acq: 26 Oct 2018 16:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	55.5	30.1	90.5





#91

1,2-Dichlorobenzene

Concen: 21.364 ug/l

RT: 13.02 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

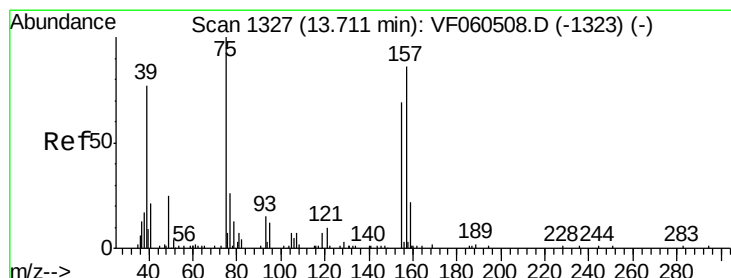
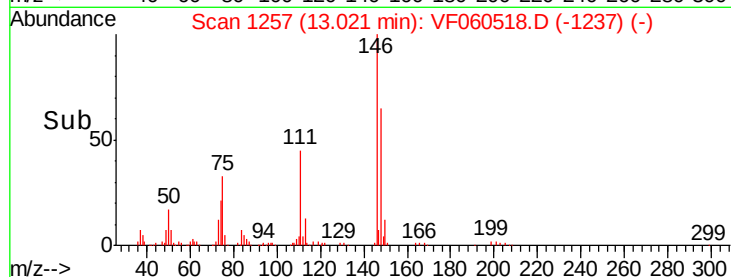
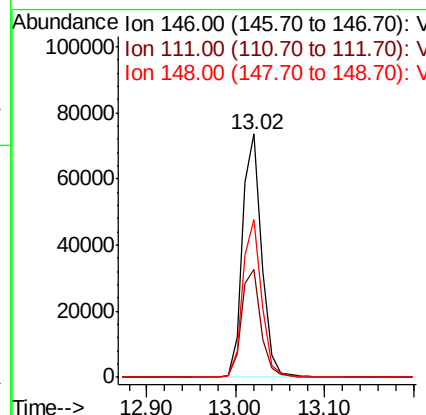
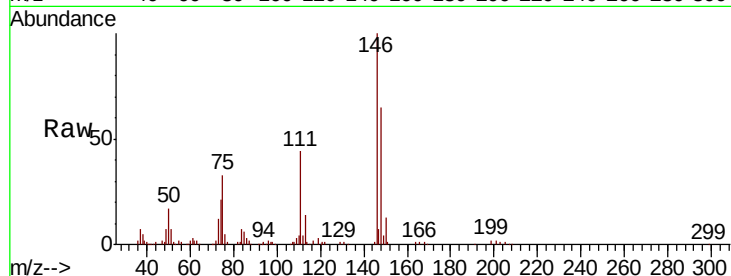
ClientSampleId :

VF1026SBSD01

Tot Ion:	146	Resp:	111062
Ion Ratio	Lower	Upper	
146	100		
111	44.4	22.8	68.4
148	64.8	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 23.019 ug/l

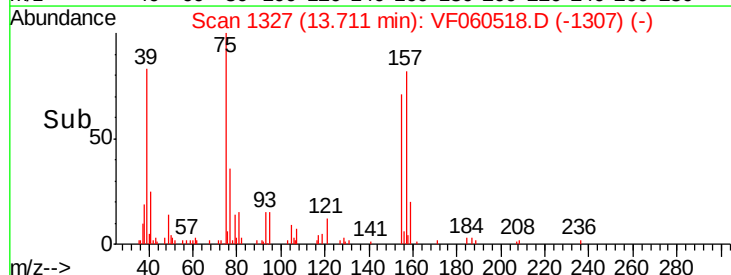
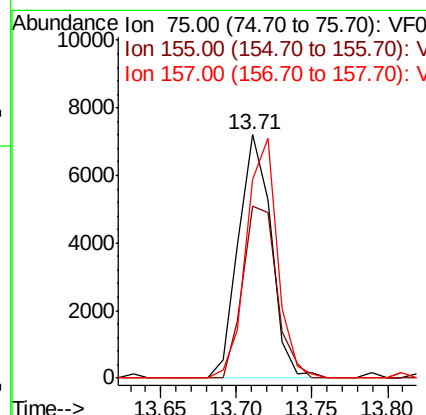
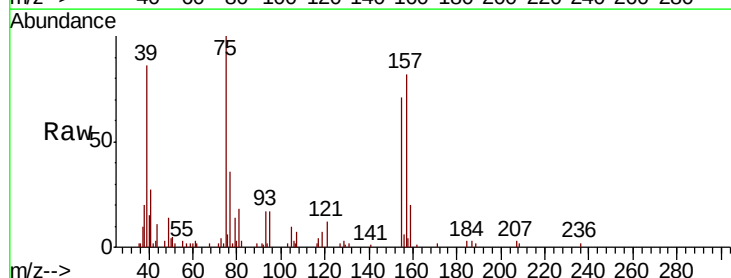
RT: 13.71 min Scan# 1327

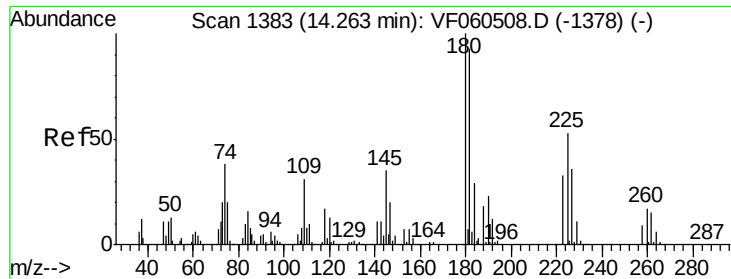
Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Tgt Ion:	75	Resp:	10815
Ion Ratio	Lower	Upper	
75	100		
155	70.6	34.7	104.1
157	81.6	42.9	128.5





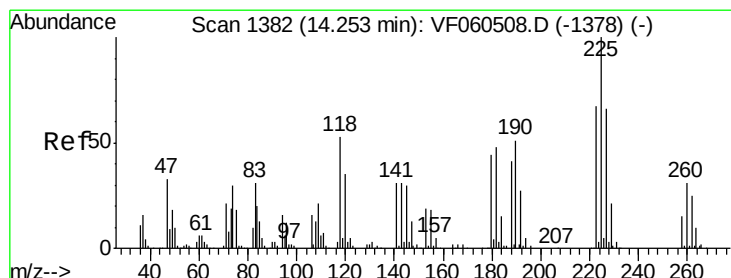
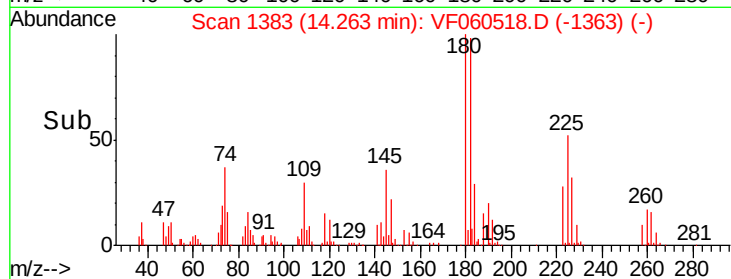
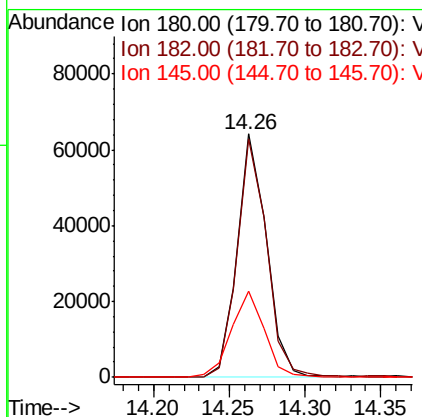
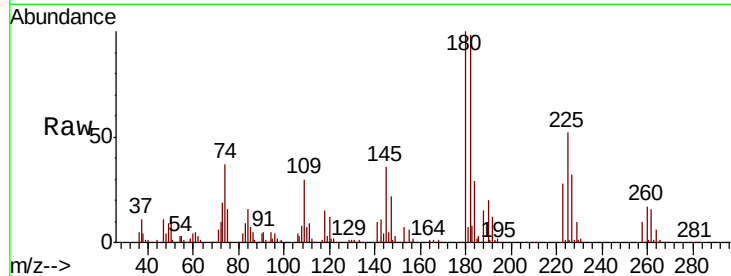
#93
 1,2,4-Trichlorobenzene
 Concen: 20.498 ug/l
 RT: 14.26 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: VF060518.D
 Acq: 26 Oct 2018 16:03

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1026SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.8	46.7	140.0
145	35.6	17.3	52.0

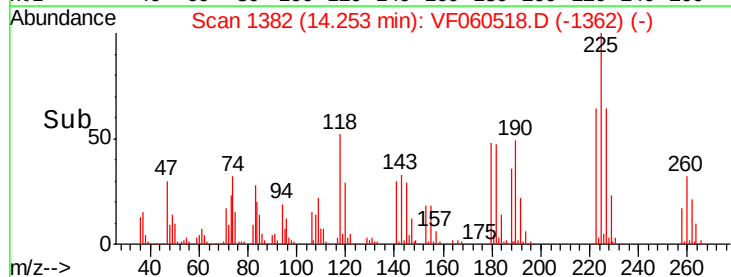
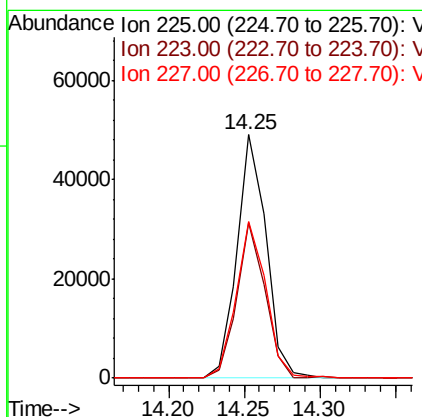
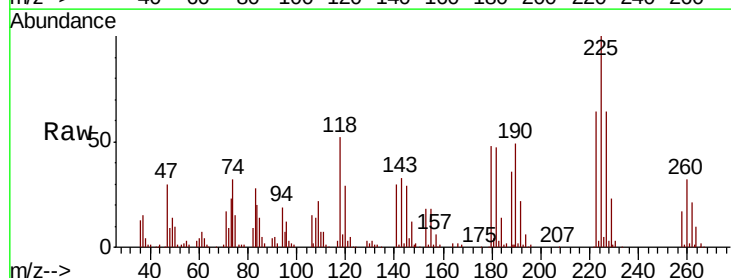
Manual Integrations
 APPROVED

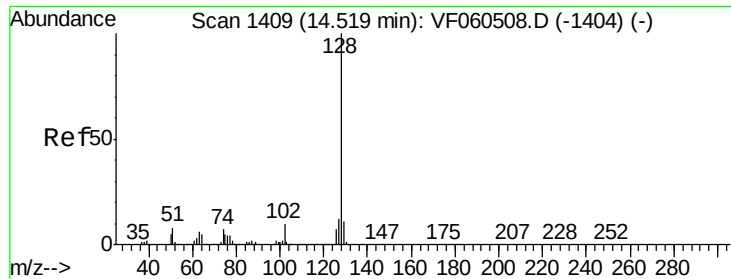
apatel
 10/29/2018 12:12:05 PM



#94
 Hexachlorobutadiene
 Concen: 20.803 ug/l
 RT: 14.25 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VF060518.D
 Acq: 26 Oct 2018 16:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	33.4	100.2
227	64.1	32.9	98.6





#95

Naphthalene

Concen: 22.823 ug/l

RT: 14.52 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Instrument :

MSVOA_F

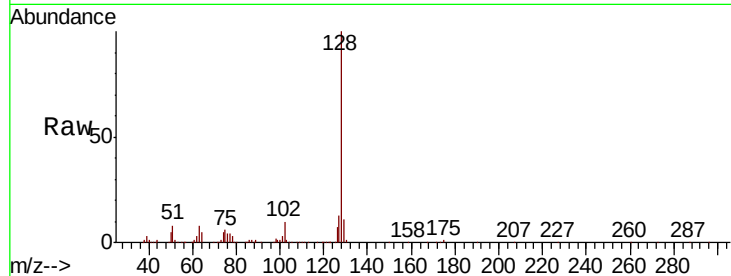
ClientSampleId :

VF1026SBS01

Tot Ion:	128	Resp:	152369
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.0	15.0
129	10.9	8.9	13.3

Manual Integrations
APPROVED

apatel
10/29/2018 12:12:05 PM

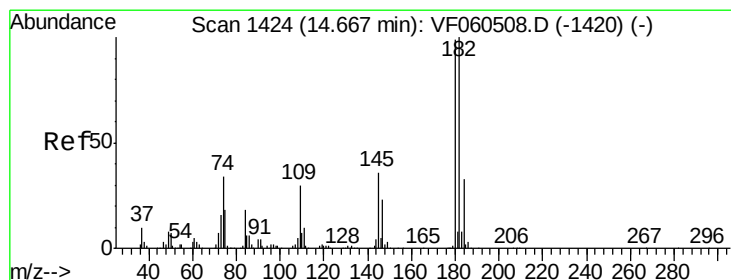
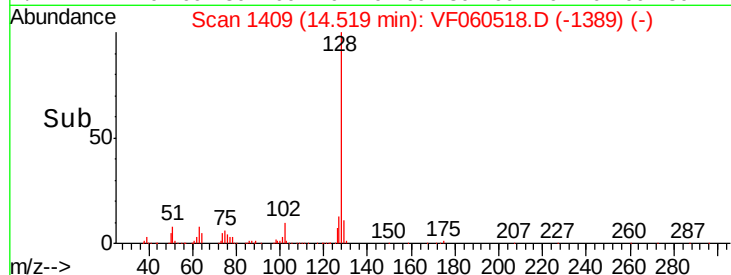
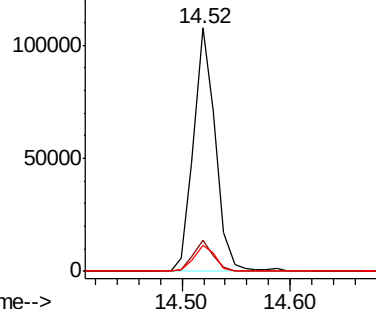


Abundance

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: 22.223 ug/l

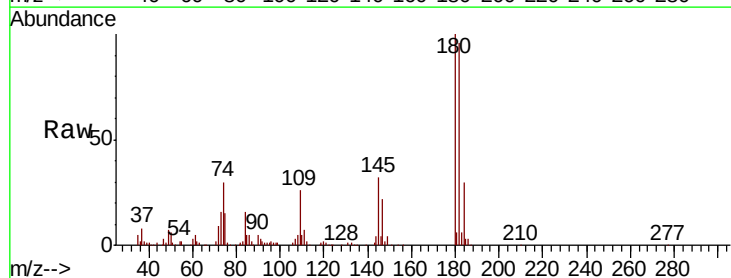
RT: 14.67 min Scan# 1424

Delta R.T. -0.00 min

Lab File: VF060518.D

Acq: 26 Oct 2018 16:03

Tgt Ion:	180	Resp:	86522
Ion Ratio	Lower	Upper	
180	100		
182	96.2	50.7	152.1
145	32.5	18.1	54.4



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

