

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF103018\
 Data File : VF060546.D
 Acq On : 30 Oct 2018 15:51
 Operator : VA/AP
 Sample : VF1030SBS01
 Misc : 5.00/5mL/MSVOA_F/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1030SBS01

Manual Integrations
 APPROVED

apatel
 10/31/2018 10:29:17 AM

Quant Time: Oct 31 05:16:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 30 05:31:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	209138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	338174	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	293487	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	171899	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.02	65	198176	61.43	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	122.86%	
35) Dibromofluoromethane	4.29	113	188959	58.23	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	116.46%	
50) Toluene-d8	7.71	98	394078	49.73	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.51	95	177236	48.54	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.00	85	123748	33.31	ug/l	93
3) Chloromethane	1.14	50	62186	27.45	ug/l	99
4) Vinyl Chloride	1.19	62	64857	25.87	ug/l	93
5) Bromomethane	1.36	94	63132	32.04	ug/l	94
6) Chloroethane	1.43	64	39269	30.08	ug/l	97
7) Trichlorofluoromethane	1.55	101	174303	28.85	ug/l	97
8) Diethyl Ether	1.70	74	19661	25.95	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	1.90	101	78402	28.91	ug/l	95
10) Methyl Iodide	1.97	142	120789	26.43	ug/l #	96
11) Tert butyl alcohol	2.68	59	16739	130.50	ug/l #	80
12) 1,1-Dichloroethene	1.86	96	61319	26.09	ug/l	94
13) Acrolein	2.08	56	15664	132.33	ug/l	90
14) Allyl chloride	2.19	41	99317	26.58	ug/l	99
15) Acrylonitrile	3.07	53	35742	110.80	ug/l #	93
16) Acetone	2.34	43	101029	159.35	ug/l	99
17) Carbon Disulfide	1.90	76	172697	26.14	ug/l	96
18) Methyl Acetate	2.45	43	24351	26.10	ug/l	95
19) Methyl tert-butyl Ether	2.54	73	130997	24.88	ug/l	96
20) Methylene Chloride	2.28	84	59345	27.45	ug/l	93
21) trans-1,2-Dichloroethene	2.41	96	59015	24.55	ug/l	97
22) Diisopropyl ether	2.92	45	172423	25.40	ug/l	96
23) Vinyl Acetate	3.34	43	279550	111.02	ug/l	99
24) 1,1-Dichloroethane	3.00	63	130210	26.58	ug/l	99
25) 2-Butanone	4.52	43	97569	114.64	ug/l #	90
26) 2,2-Dichloropropane	3.76	77	81517	26.78	ug/l	92
27) cis-1,2-Dichloroethene	3.63	96	58493	20.18	ug/l	89
28) Bromochloromethane	3.89	49	38566	21.86	ug/l	98
29) Tetrahydrofuran	4.26	42	28898	98.86	ug/l	94
30) Chloroform	4.04	83	144697	23.39	ug/l	99
31) Cyclohexane	3.86	56	67342	19.25	ug/l	98
32) 1,1,1-Trichloroethane	4.27	97	138799	27.14	ug/l	94
36) 1,1-Dichloropropene	4.46	75	93649	22.23	ug/l	94
37) Ethyl Acetate	4.29	43	30156	22.11	ug/l #	89
38) Carbon Tetrachloride	4.17	117	147627	29.26	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	81301	19.11	ug/l	97
40) Benzene	4.80	78	171572	20.53	ug/l	99
41) Methacrylonitrile	4.92	41	15763	20.22	ug/l	91
42) 1,2-Dichloroethane	5.12	62	96807	24.95	ug/l	94
43) Isopropyl Acetate	7.11	43	35814	21.69	ug/l #	88
44) Trichloroethene	5.67	130	56707	20.99	ug/l	99
45) 1,2-Dichloropropane	6.41	63	40536	19.44	ug/l	93
46) Dibromomethane	6.25	93	33889	20.69	ug/l	94
47) Bromodichloromethane	6.55	83	96449	22.95	ug/l	98
48) Methyl methacrylate	6.87	41	24409	21.43	ug/l #	78
49) 1,4-Dioxane	6.86	88	3540	334.15	ug/l	92
51) 4-Methyl-2-Pentanone	8.40	43	126540	105.80	ug/l	88
52) Toluene	7.78	92	101894	18.78	ug/l	92
53) t-1,3-Dichloropropene	8.43	75	74628	22.74	ug/l	95
54) cis-1,3-Dichloropropene	7.46	75	80476	20.69	ug/l	89
55) 1,1,2-Trichloroethane	8.64	97	30573	18.81	ug/l #	93
56) Ethyl methacrylate	8.77	69	36491	20.01	ug/l #	84
57) 1,3-Dichloropropane	9.00	76	51655	18.78	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.78	63	23582	125.45	ug/l	100
59) 2-Hexanone	9.63	43	99378	108.40	ug/l	95
60) Dibromochloromethane	8.87	129	53918	20.59	ug/l	100
61) 1,2-Dibromoethane	9.14	107	34207	18.18	ug/l	96
64) Tetrachloroethene	8.30	164	49625	20.00	ug/l	94
65) Chlorobenzene	9.94	112	116803	19.78	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.08	131	56544	21.01	ug/l	95
67) Ethyl Benzene	10.04	91	241344	21.39	ug/l	97
68) m/p-Xylenes	10.26	106	151576	39.34	ug/l	76
69) o-Xylene	10.83	106	85829	19.78	ug/l	73
70) Styrene	10.91	104	120752	19.74	ug/l	98
71) Bromoform	10.89	173	28459	20.51	ug/l #	93
73) Isopropylbenzene	11.23	105	273502	20.81	ug/l	96
74) N-amyl acetate	11.47	43	52969	20.13	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.78	83	39298	17.92	ug/l	99
76) 1,2,3-Trichloropropane	11.88	75	34799	21.10	ug/l	99
77) Bromobenzene	11.60	156	56933	19.69	ug/l	87
78) n-propylbenzene	11.68	91	333353	21.39	ug/l	94
79) 2-Chlorotoluene	11.81	91	195161	20.92	ug/l	98
80) 1,3,5-Trimethylbenzene	11.91	105	251298	22.13	ug/l	90
81) trans-1,4-Dichloro-2-buten	11.96	75	14747m	20.47	ug/l	
82) 4-Chlorotoluene	11.99	91	201340	20.82	ug/l	97
83) tert-Butylbenzene	12.22	119	245467	22.31	ug/l	96
84) 1,2,4-Trimethylbenzene	12.29	105	236000	20.46	ug/l	90
85) sec-Butylbenzene	12.38	105	313549	20.33	ug/l	96
86) p-Isopropyltoluene	12.54	119	278451	22.00	ug/l	98
87) 1,3-Dichlorobenzene	12.56	146	120339	20.85	ug/l	98
88) 1,4-Dichlorobenzene	12.65	146	114241	20.97	ug/l	97
89) n-Butylbenzene	12.92	91	294273	21.29	ug/l	93
90) Hexachloroethane	13.00	117	67821	20.76	ug/l	93
91) 1,2-Dichlorobenzene	13.02	146	112442	20.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.71	75	9495	20.88	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	89397	21.95	ug/l	97
94) Hexachlorobutadiene	14.26	225	63801	22.13	ug/l	94
95) Naphthalene	14.52	128	136042	18.88	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	79216	20.44	ug/l	95

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

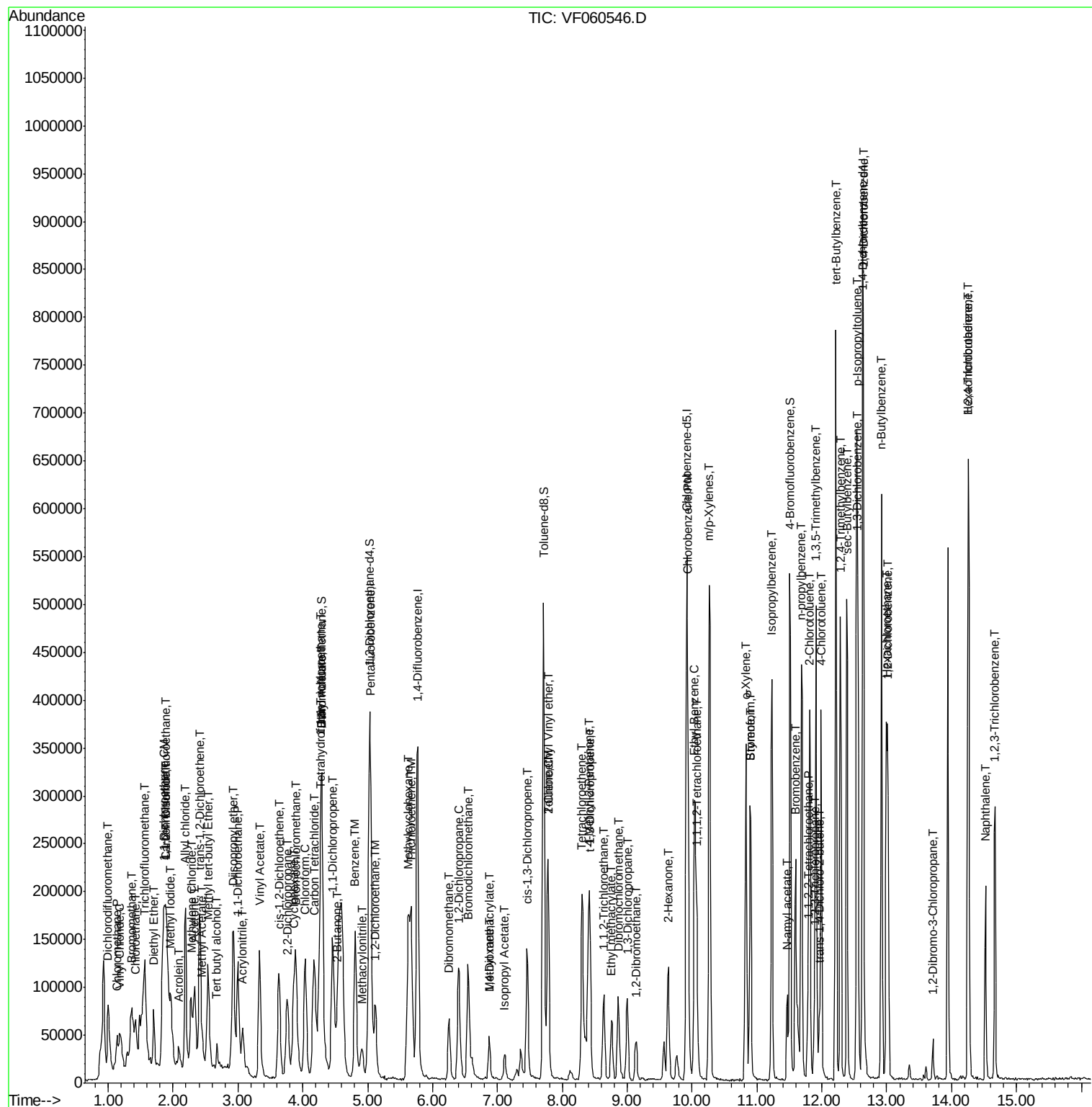
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF103018\
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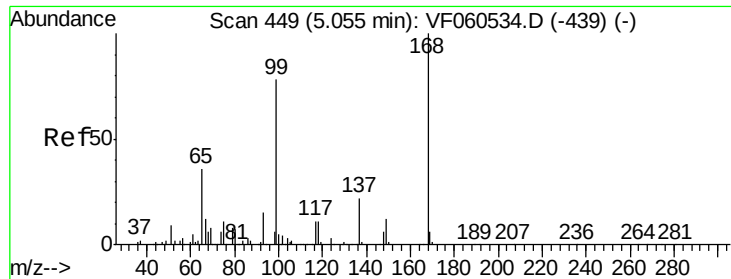
Instrument :
MSVOA_F
Client Sample Id :
VF1030SBSD01

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 448

Delta R.T. -0.00 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

ClientSampleId :

VF1030SBSD01

Tgt Ion: 168 Resp: 209138

Ion Ratio Lower Upper

168 100

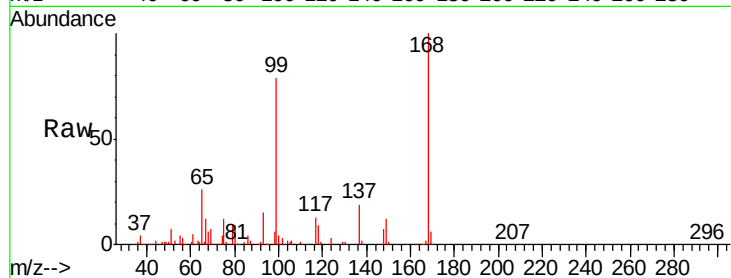
99 79.4 62.6 93.8

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

80000

60000

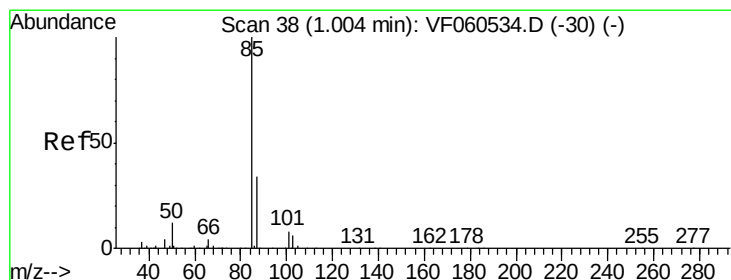
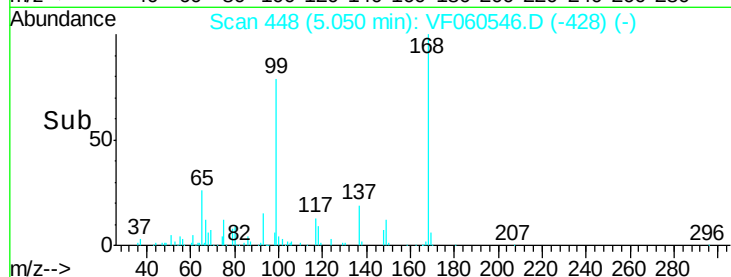
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#2

Dichlorodifluoromethane

Concen: 33.31 ug/l

RT: 1.00 min Scan# 37

Delta R.T. -0.00 min

Lab File: VF060546.D

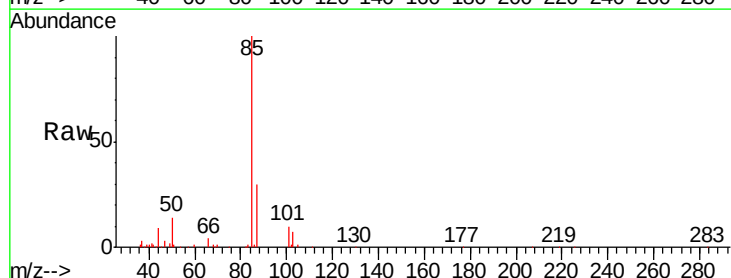
Acq: 30 Oct 2018 15:51

Tgt Ion: 85 Resp: 123748

Ion Ratio Lower Upper

85 100

87 29.6 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

1.00

40000

30000

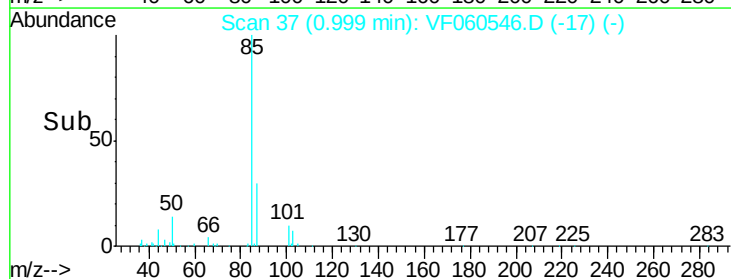
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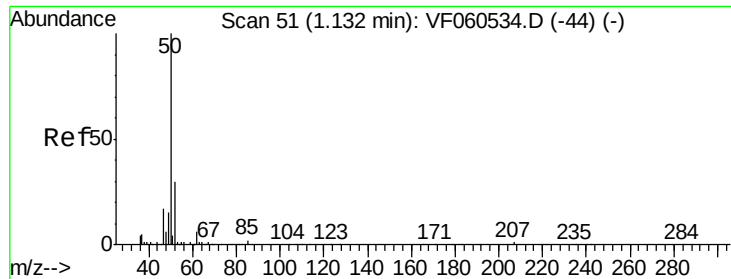
10000

0

0.90 1.00 1.10

Time-->





#3

Chloromethane

Concen: 27.45 ug/l

RT: 1.14 min Scan# 51

Delta R.T. 0.01 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

ClientSampleId :

VF1030SBS01

Tgt Ion: 50 Resp: 62186

Ion Ratio Lower Upper

50 100

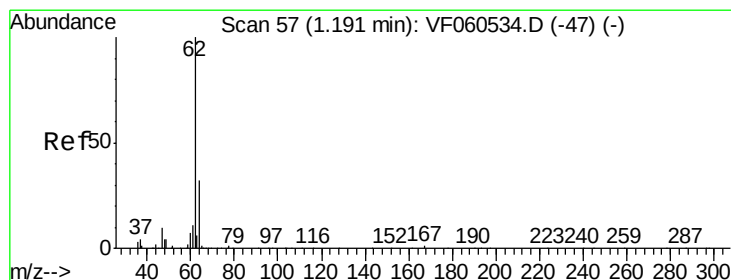
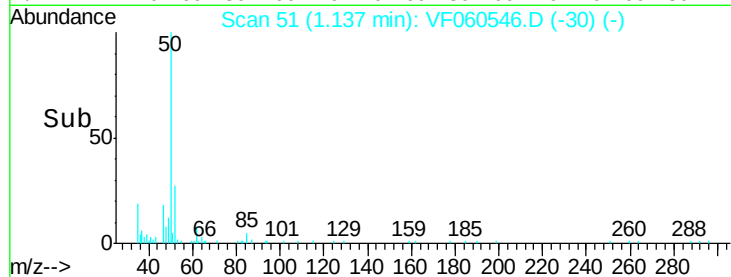
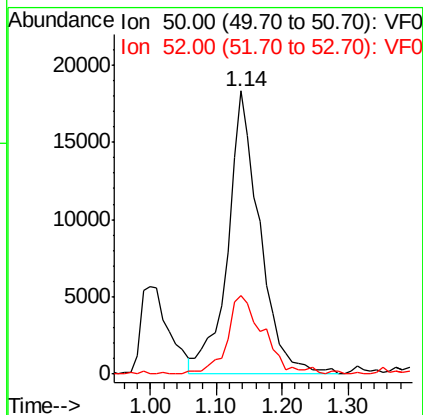
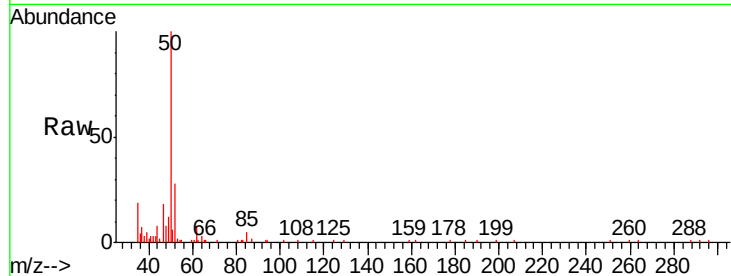
52 27.9 22.8 34.2

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#4

Vinyl Chloride

Concen: 25.87 ug/l

RT: 1.19 min Scan# 56

Delta R.T. -0.00 min

Lab File: VF060546.D

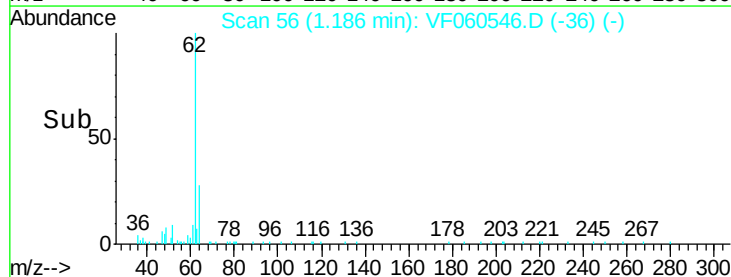
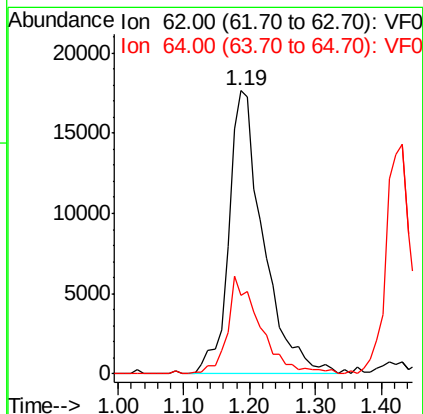
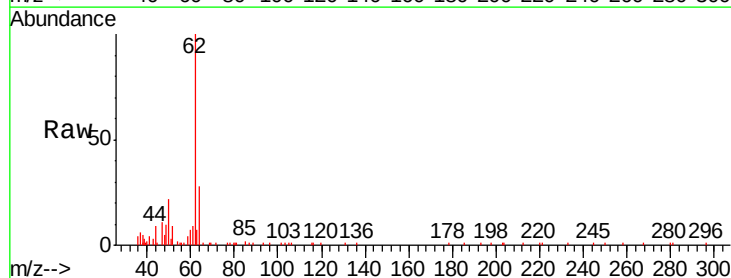
Acq: 30 Oct 2018 15:51

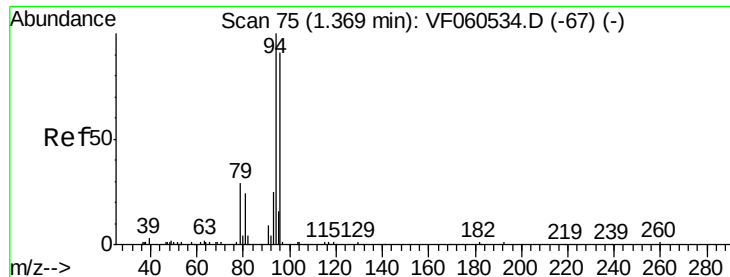
Tgt Ion: 62 Resp: 64857

Ion Ratio Lower Upper

62 100

64 27.6 25.3 37.9





#5

Bromomethane

Concen: 32.04 ug/l

RT: 1.36 min Scan# 74

Delta R.T. -0.00 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

ClientSampleId :

VF1030SBS01

Tgt Ion: 94 Resp: 63132

Ion Ratio Lower Upper

94 100

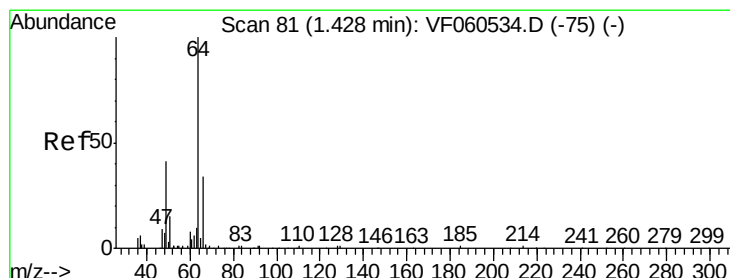
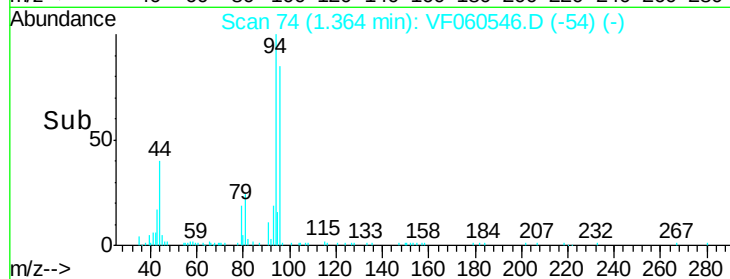
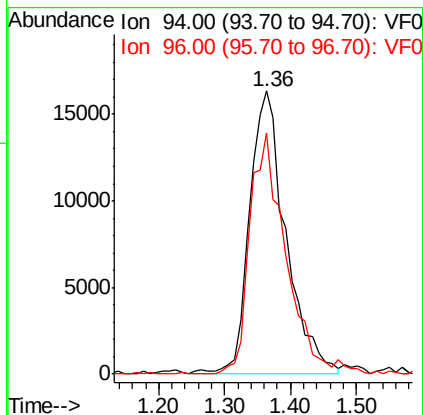
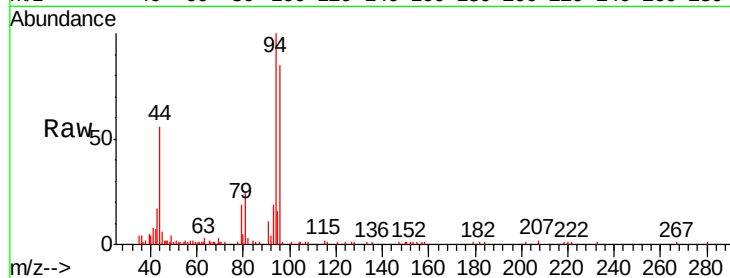
96 85.4 73.2 109.8

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#6

Chloroethane

Concen: 30.08 ug/l

RT: 1.43 min Scan# 81

Delta R.T. 0.01 min

Lab File: VF060546.D

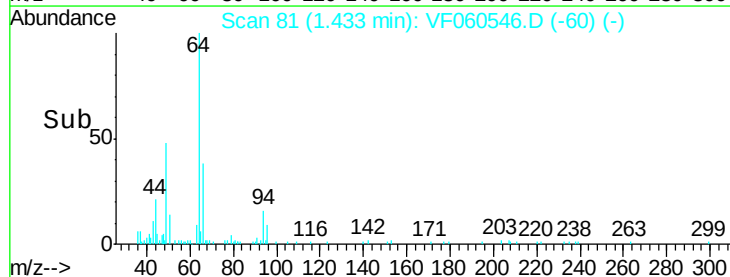
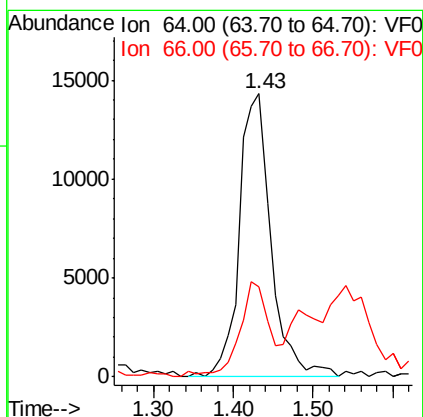
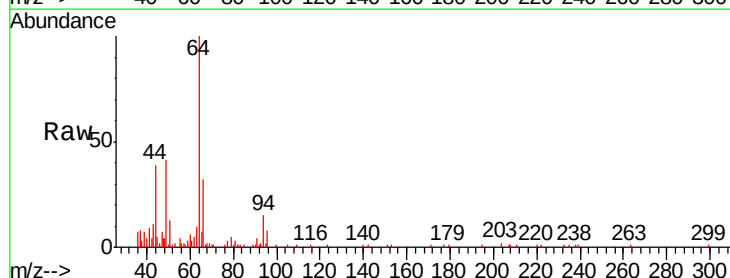
Acq: 30 Oct 2018 15:51

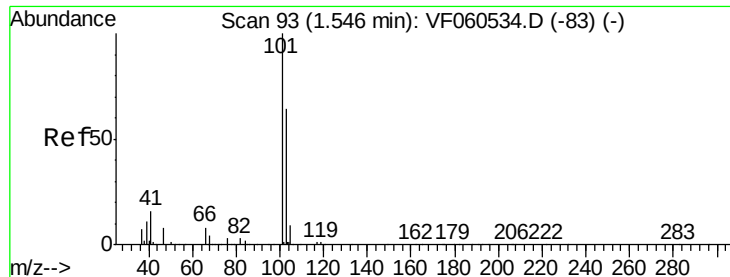
Tgt Ion: 64 Resp: 39269

Ion Ratio Lower Upper

64 100

66 32.0 27.1 40.7





#7

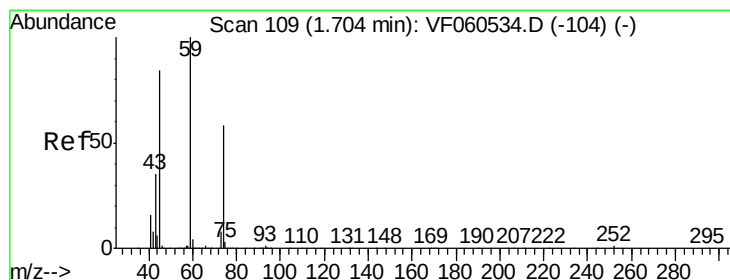
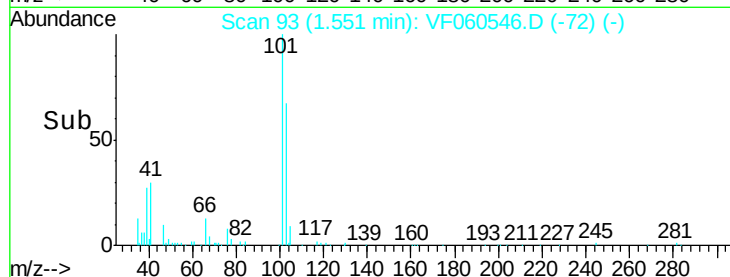
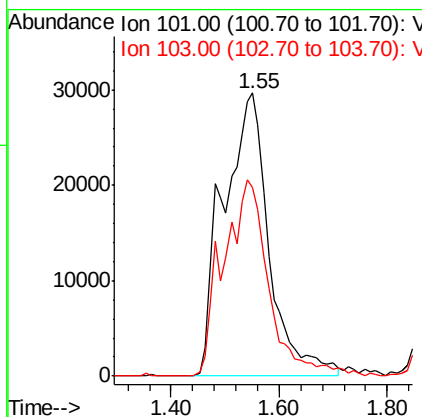
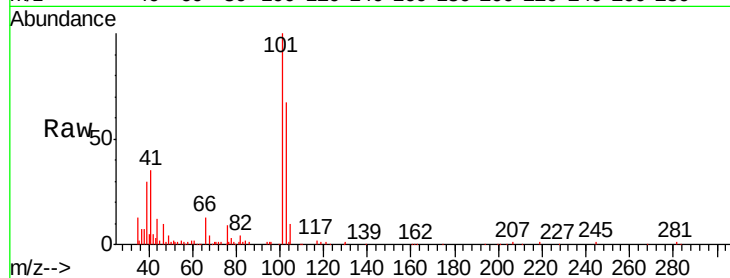
Trichlorofluoromethane
Concen: 28.85 ug/l
RT: 1.55 min Scan# 93
Delta R.T. 0.01 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Instrument :
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ClientSampleId :
VF1030SBSD01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.8	51.6	77.4

Manual Integrations
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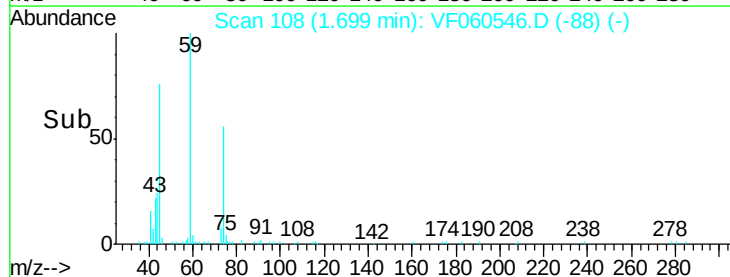
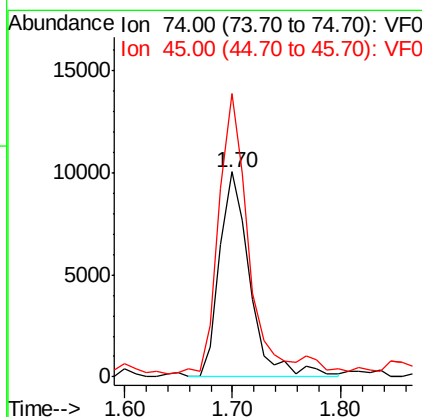
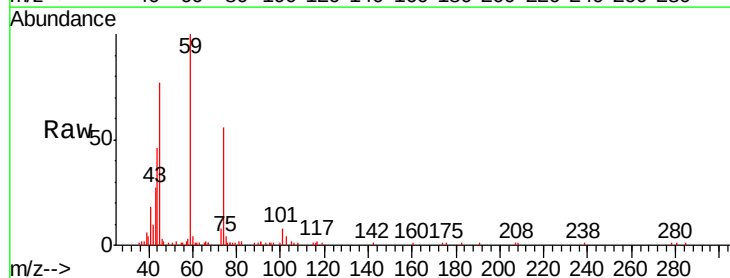
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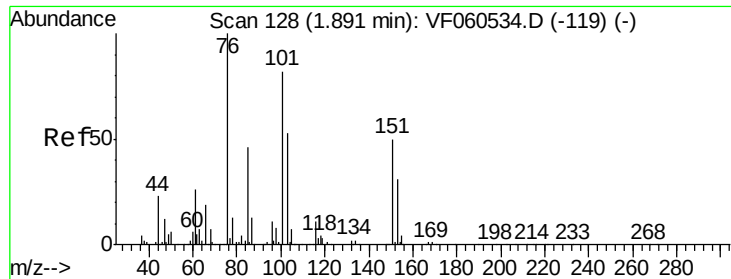


#8

Diethyl Ether
Concen: 25.95 ug/l
RT: 1.70 min Scan# 108
Delta R.T. -0.00 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	138.0	72.9	218.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 28.91 ug/l

RT: 1.90 min Scan# 128

Delta R.T. 0.01 min

Lab File: VF060546.D

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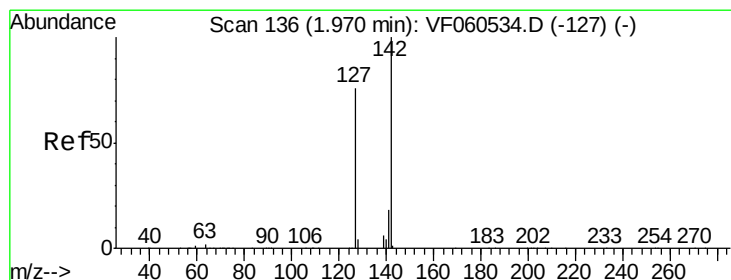
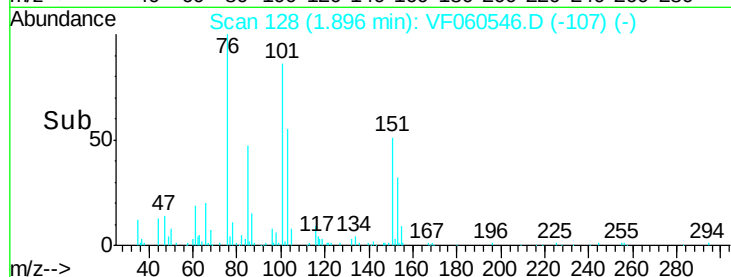
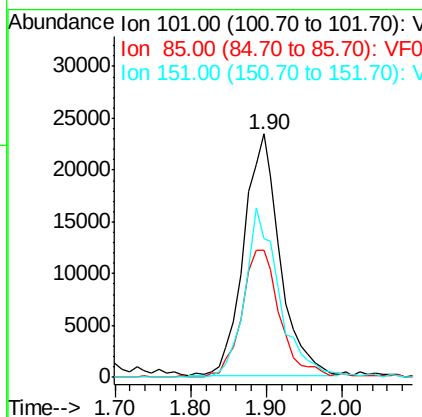
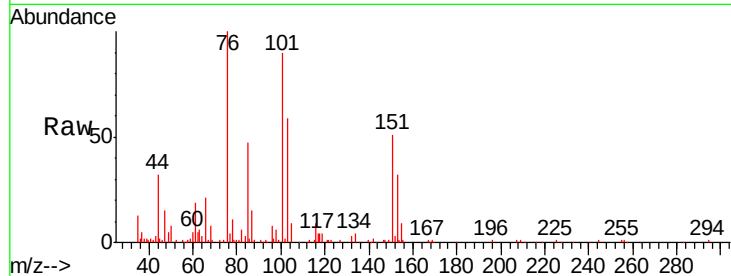
ClientSampleId :

VF1030SBS01

Tgt Ion:	101	Resp:	78402
Ion Ratio	Lower	Upper	
101	100		
85	52.3	44.6	67.0
151	57.1	48.4	72.6

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#10

Methyl Iodide

Concen: 26.43 ug/l

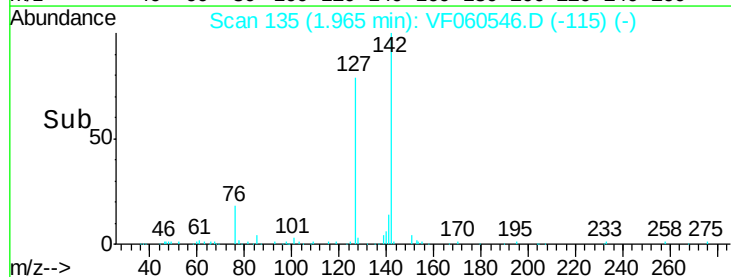
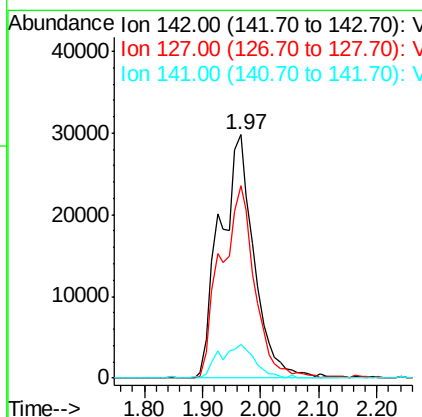
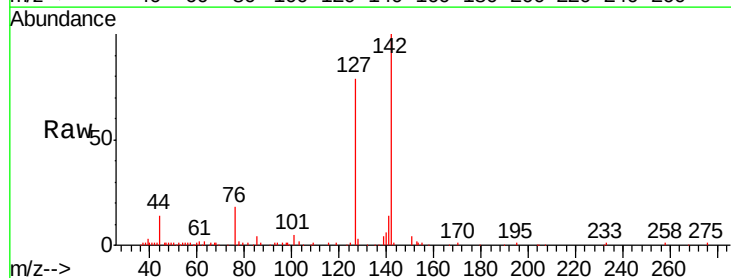
RT: 1.97 min Scan# 135

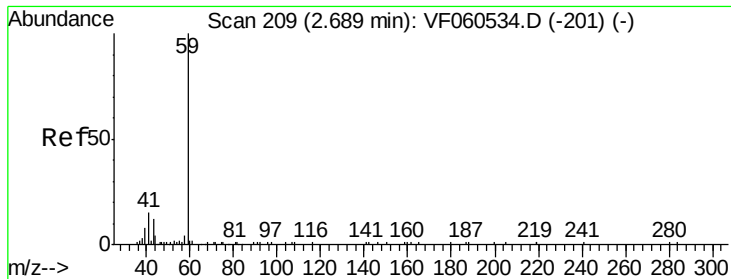
Delta R.T. -0.00 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Tgt Ion:	142	Resp:	120789
Ion Ratio	Lower	Upper	
142	100		
127	79.0	61.2	91.8
141	14.0	14.0	21.0#





#11

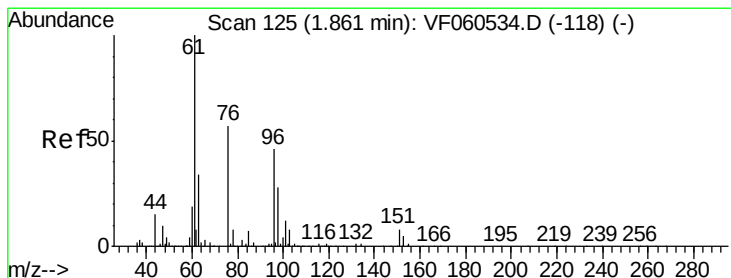
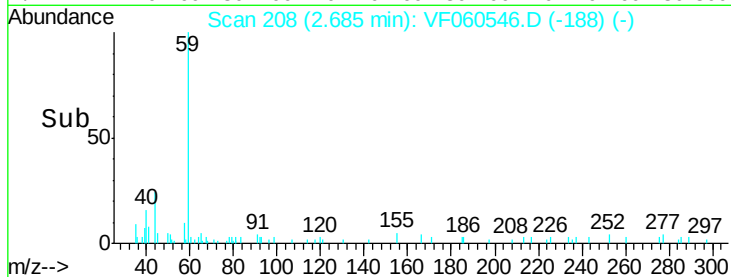
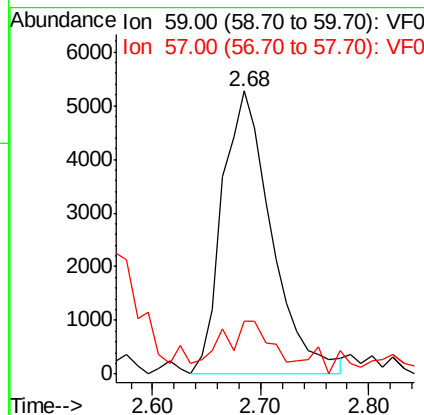
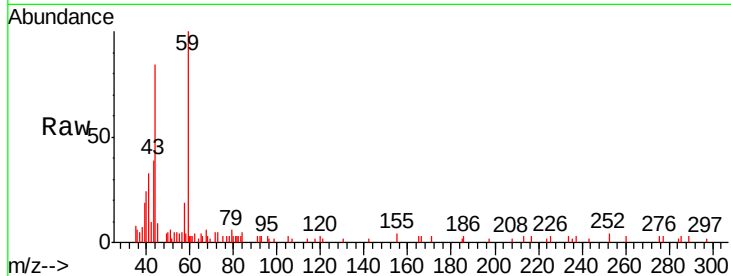
Tert butyl alcohol
 Concen: 130.50 ug/l
 RT: 2.68 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1030SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	16739		
57	18.8	8.9	13.3#	

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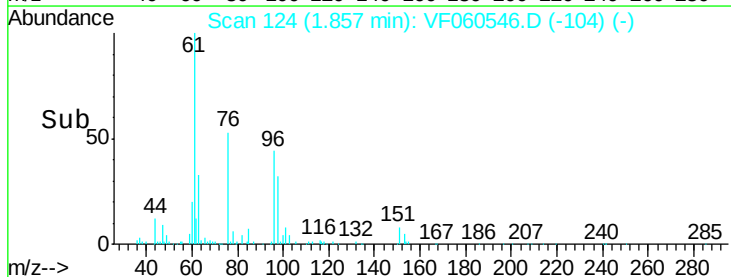
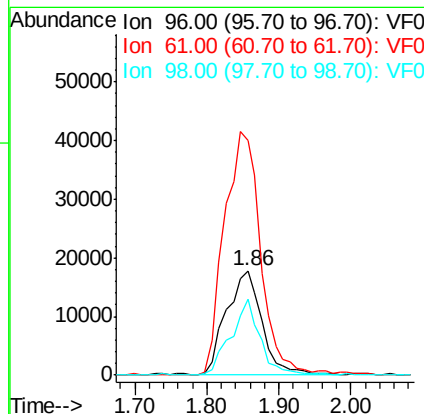
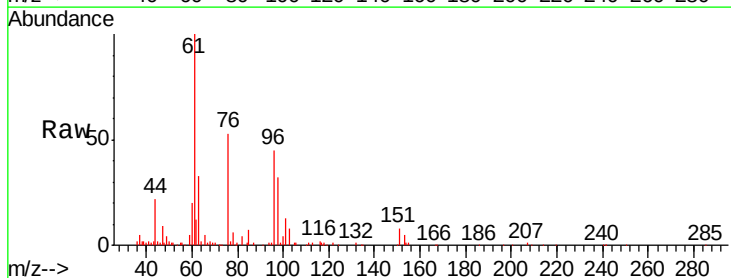
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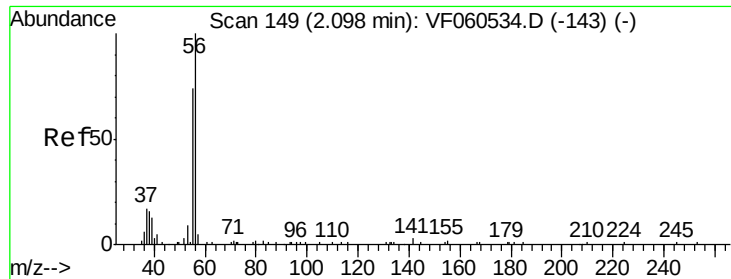


#12

1,1-Dichloroethene
 Concen: 26.09 ug/l
 RT: 1.86 min Scan# 124
 Delta R.T. -0.00 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	61319		
61	224.1	175.4	263.2	
98	72.6	48.9	73.3	





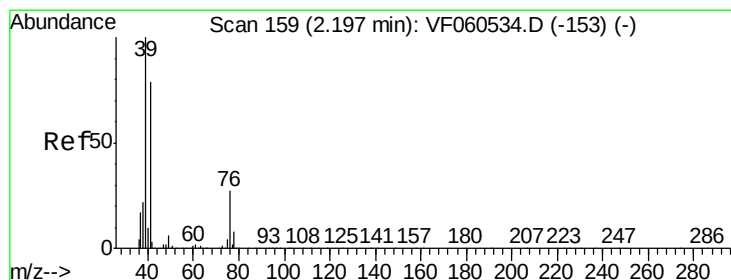
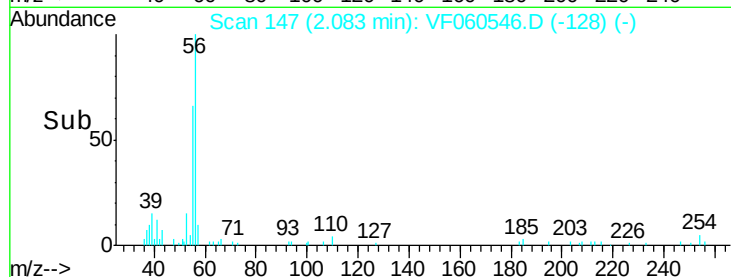
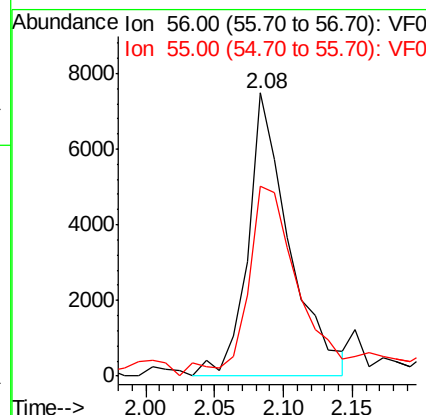
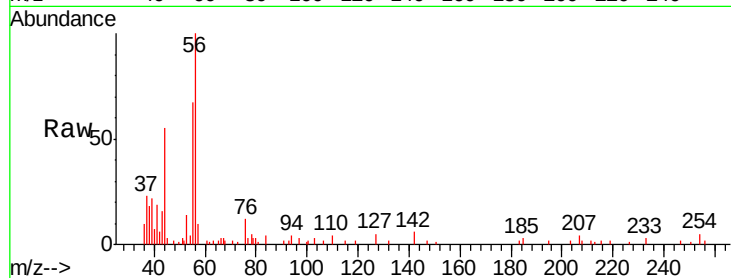
#13
Acrolein
Concen: 132.33 ug/l
RT: 2.08 min Scan# 147
Delta R.T. -0.01 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Instrument :
MSVOA_F
ClientSampleId :
VF1030SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
55	67.0	60.4	90.6

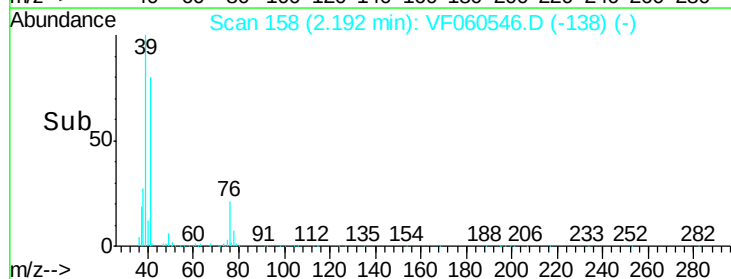
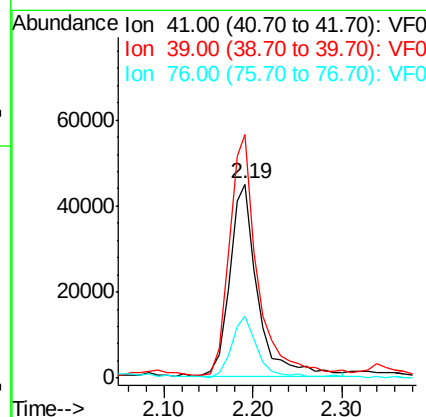
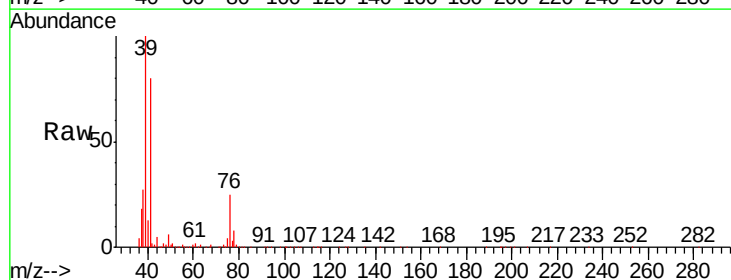
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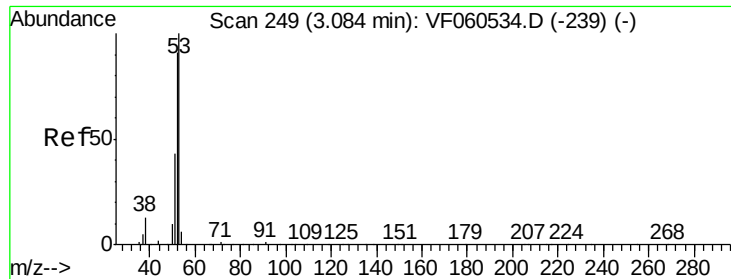
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#14
Allyl chloride
Concen: 26.58 ug/l
RT: 2.19 min Scan# 158
Delta R.T. -0.00 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Tgt Ion	Ratio	Lower	Upper
41	100		
39	125.5	100.6	151.0
76	31.6	27.6	41.4





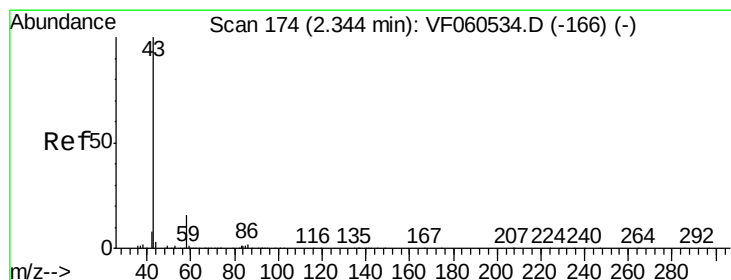
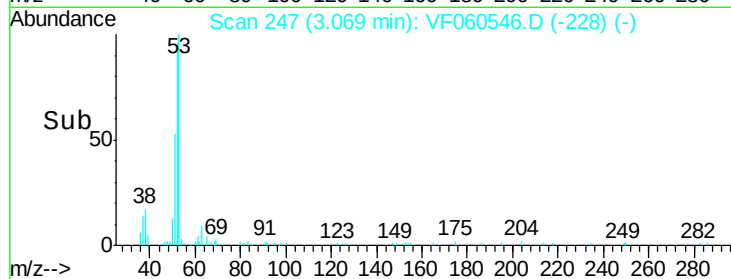
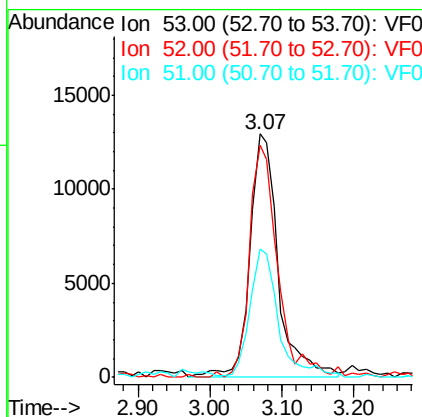
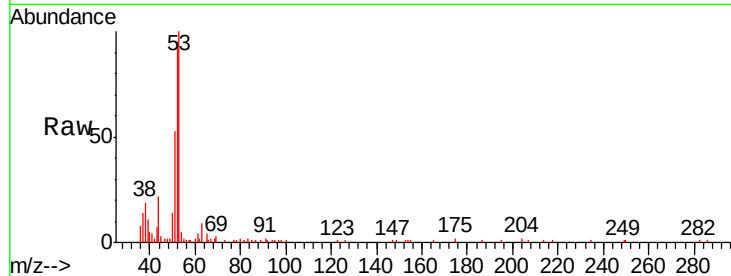
#15
 Acrylonitrile
 Concen: 110.80 ug/l
 RT: 3.07 min Scan# 247
 Delta R.T. -0.01 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1030SBS01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	95.4	73.2	109.8
51	52.6	35.0	52.4#

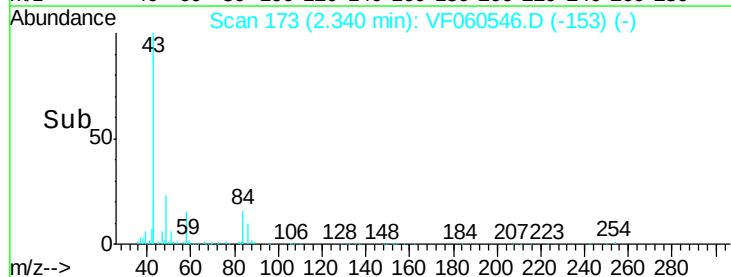
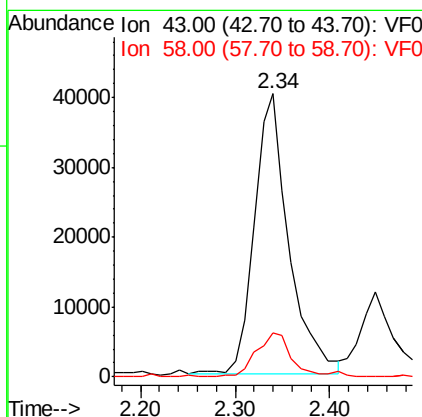
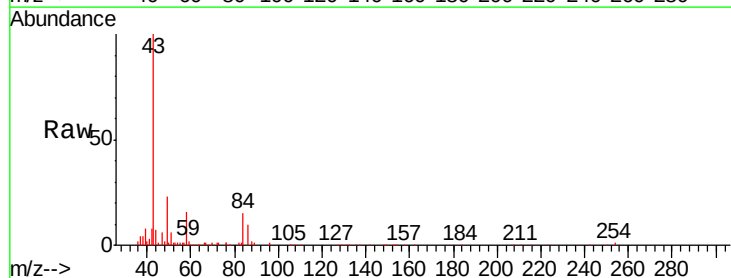
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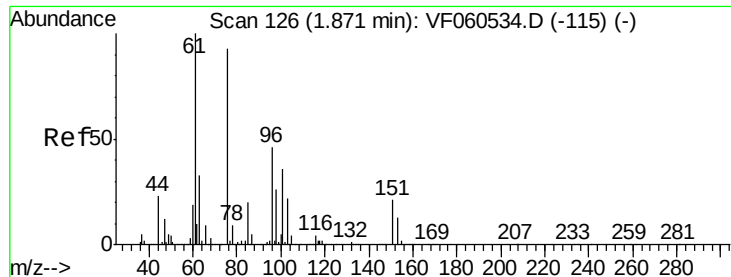
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#16
 Acetone
 Concen: 159.35 ug/l
 RT: 2.34 min Scan# 173
 Delta R.T. -0.00 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Tgt Ion	Ratio	Lower	Upper
43	100		
58	15.7	12.8	19.2





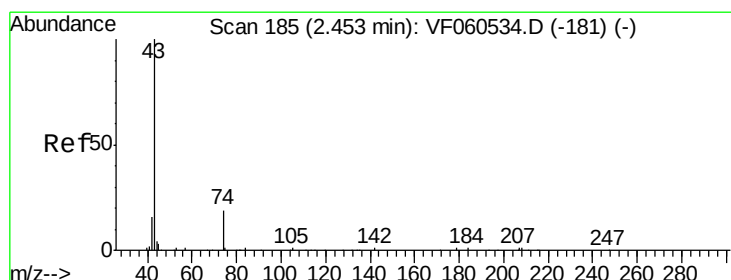
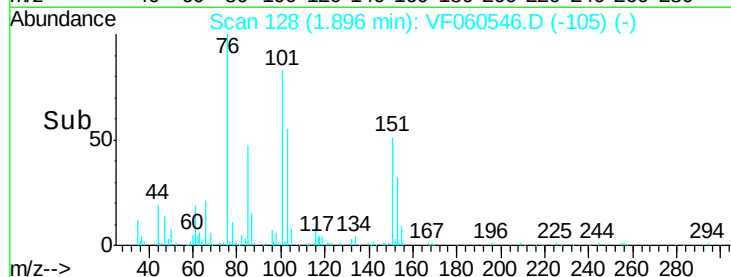
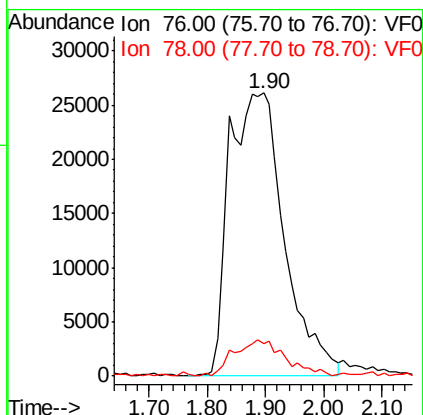
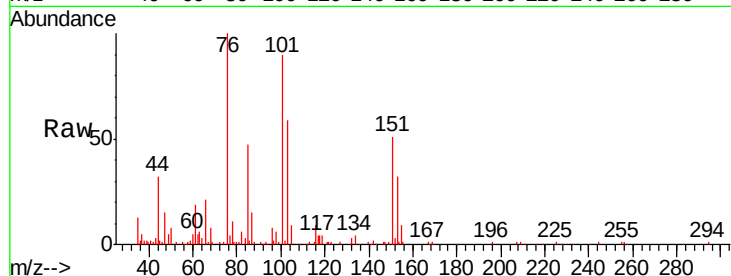
#17
Carbon Disulfide
Concen: 26.14 ug/l
RT: 1.90 min Scan# 128
Delta R.T. 0.02 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Instrument :
MSVOA_F
ClientSampleId :
VF1030SBS01

Tgt Ion: 76 Resp: 172697
Ion Ratio Lower Upper
76 100
78 11.4 8.0 12.0

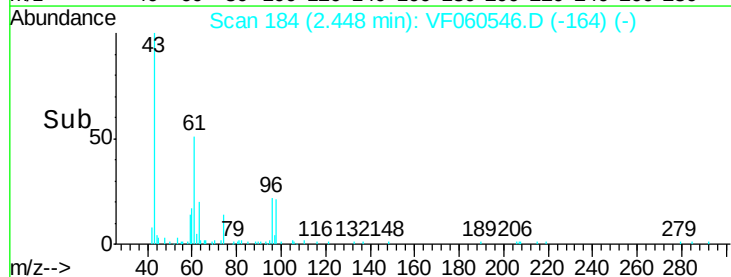
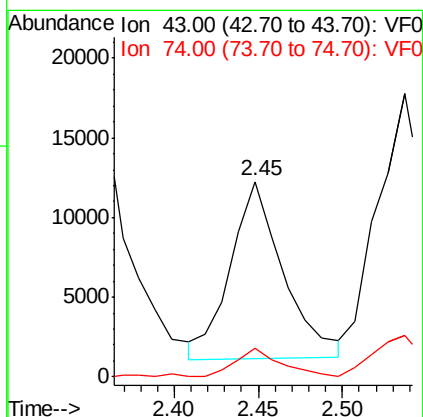
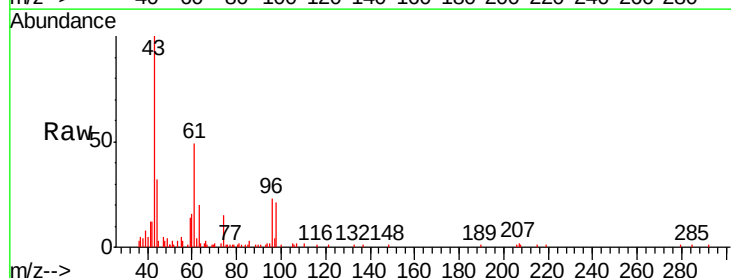
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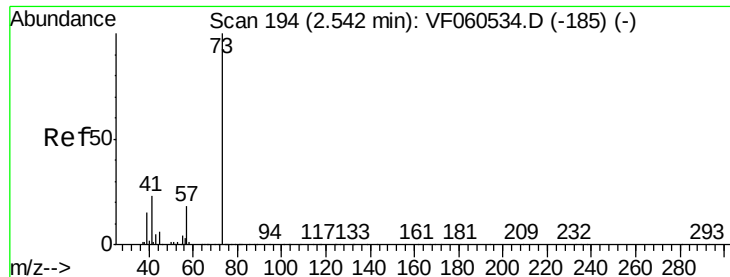
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#18
Methyl Acetate
Concen: 26.10 ug/l
RT: 2.45 min Scan# 184
Delta R.T. -0.00 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Tgt Ion: 43 Resp: 24351
Ion Ratio Lower Upper
43 100
74 14.9 13.5 20.3





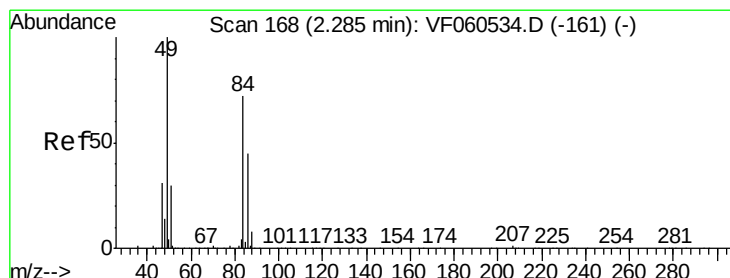
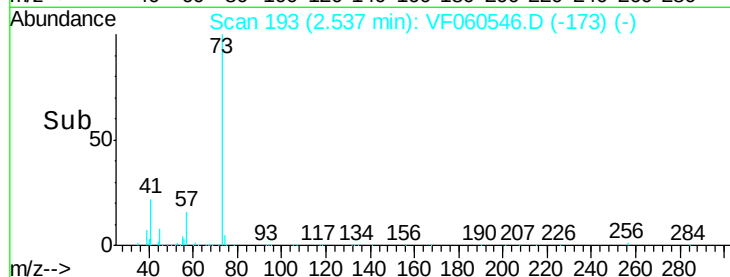
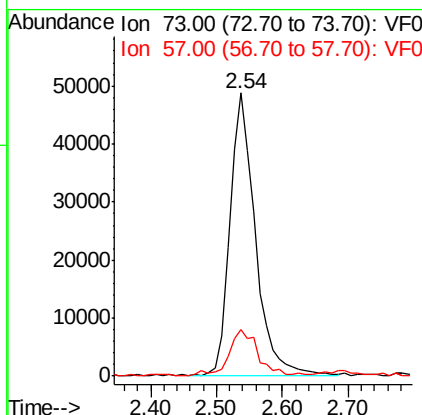
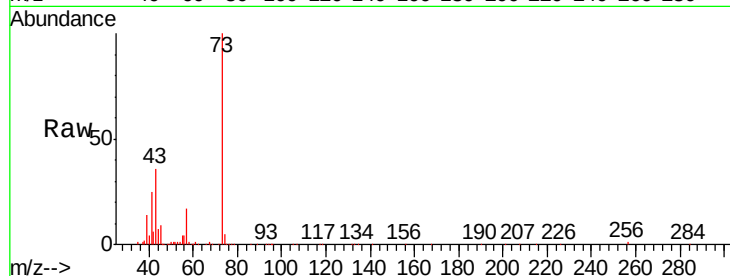
#19
Methyl tert-butyl Ether
Concen: 24.88 ug/l
RT: 2.54 min Scan# 193
Delta R.T. -0.00 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Instrument :
MSVOA_F
ClientSampleId :
VF1030SBS01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	16.5	14.7	22.1

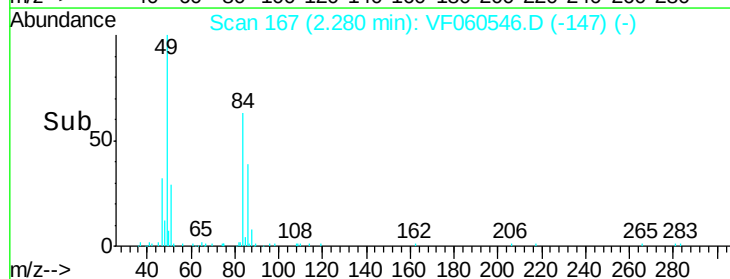
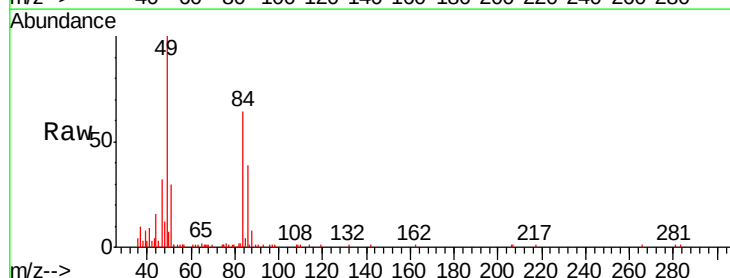
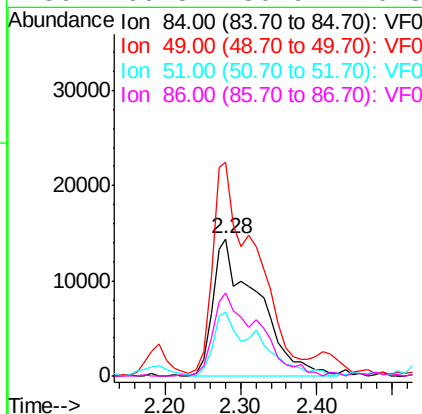
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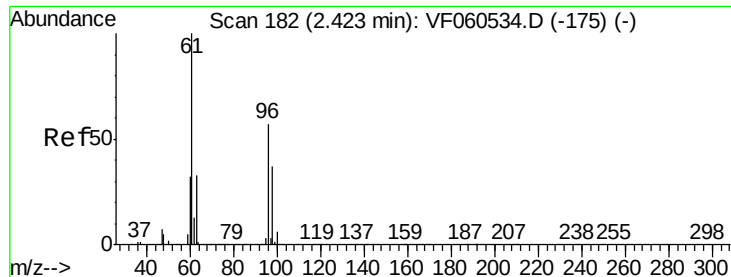
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#20
Methylene Chloride
Concen: 27.45 ug/l
RT: 2.28 min Scan# 167
Delta R.T. -0.00 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	155.8	115.4	173.0
51	46.7	35.4	53.2
86	60.8	50.9	76.3





#21

trans-1,2-Dichloroethene

Concen: 24.55 ug/l

RT: 2.41 min Scan# 180

Delta R.T. -0.01 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

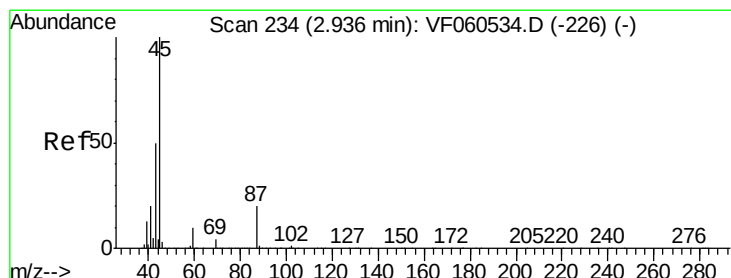
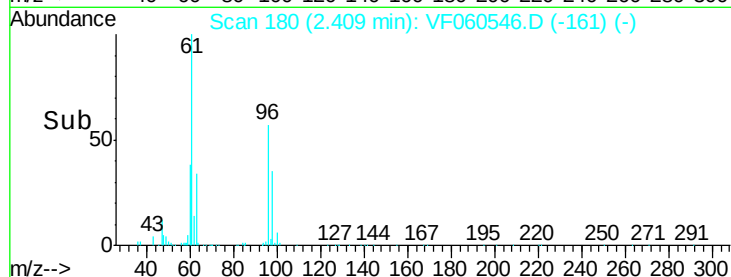
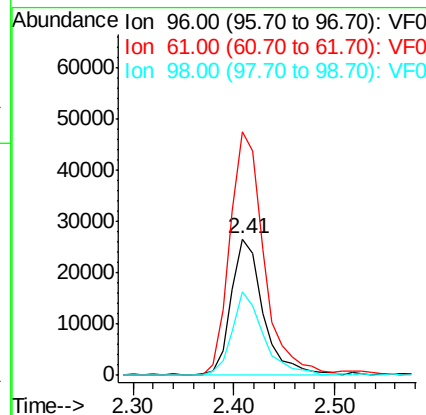
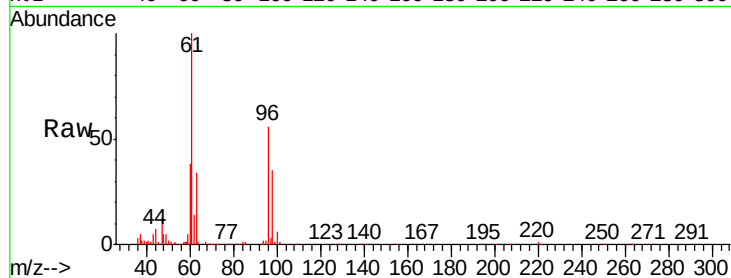
ClientSampleId :

VF1030SBS01

Tgt Ion:	96	Resp:	59015
Ion Ratio	Lower	Upper	
96	100		
61	178.1	139.8	209.6
98	61.5	52.2	78.4

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#22

Diisopropyl ether

Concen: 25.40 ug/l

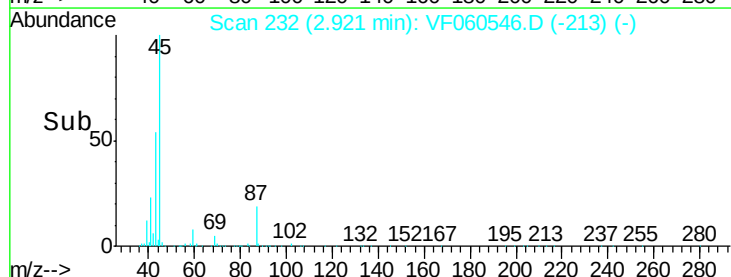
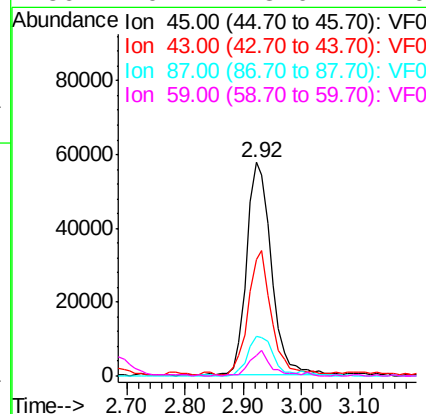
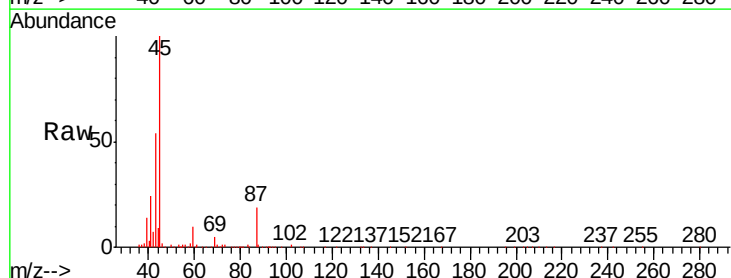
RT: 2.92 min Scan# 232

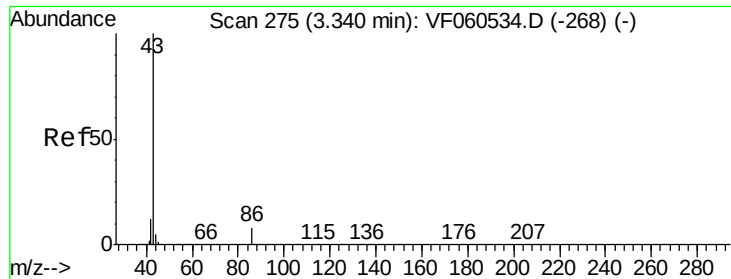
Delta R.T. -0.01 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Tgt Ion:	45	Resp:	172423
Ion Ratio	Lower	Upper	
45	100		
43	54.5	40.6	60.8
87	18.6	15.9	23.9
59	9.7	8.0	12.0





#23

Vinyl Acetate

Concen: 111.02 ug/l

RT: 3.34 min Scan# 274

Delta R.T. -0.00 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

ClientSampleId :

VF1030SBS01

Tgt Ion: 43 Resp: 279550

Ion Ratio Lower Upper

43 100

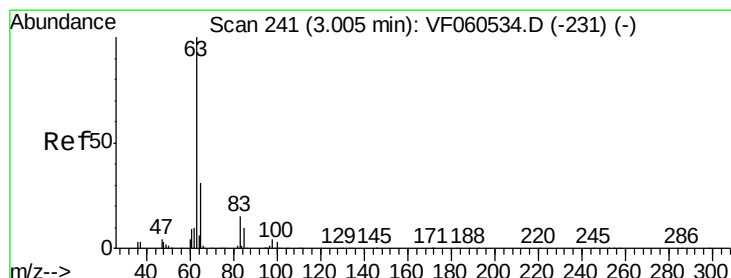
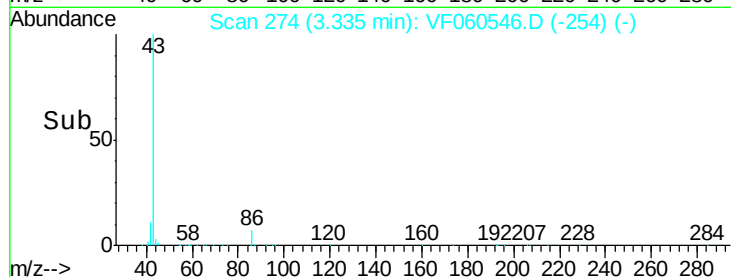
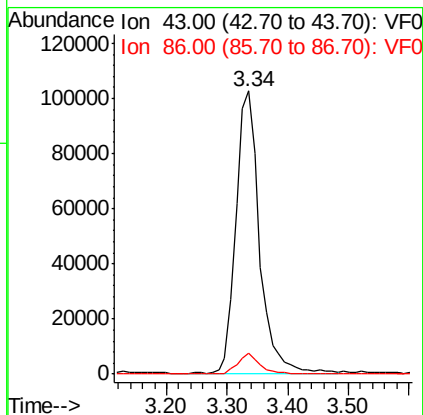
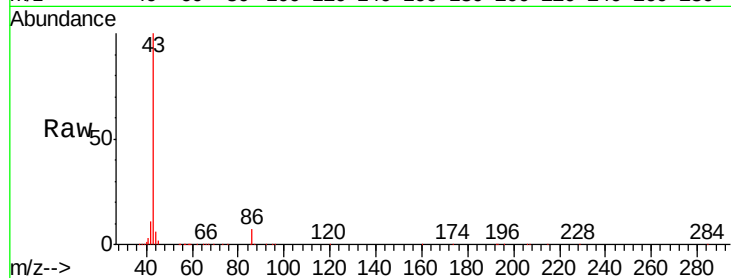
86 7.2 6.2 9.2

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#24

1,1-Dichloroethane

Concen: 26.58 ug/l

RT: 3.00 min Scan# 240

Delta R.T. -0.00 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

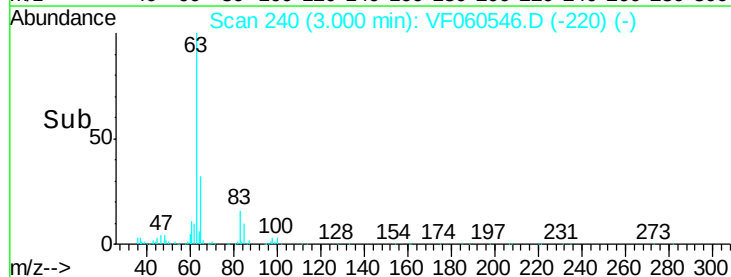
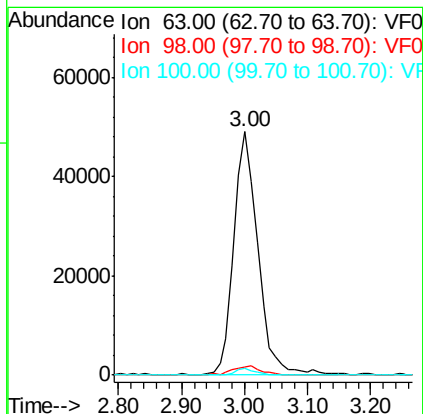
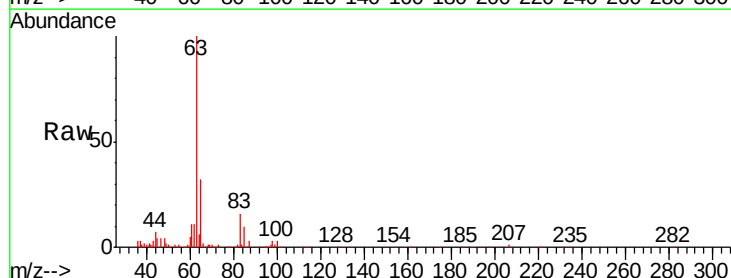
Tgt Ion: 63 Resp: 130210

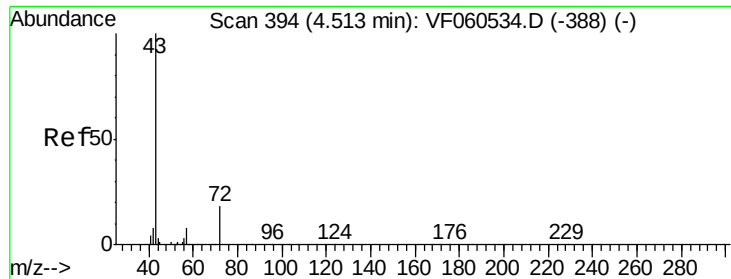
Ion Ratio Lower Upper

63 100

98 3.3 2.0 6.0

100 2.7 1.4 4.0





#25

2-Butanone

Concen: 114.64 ug/l

RT: 4.52 min Scan# 394

Delta R.T. 0.01 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

ClientSampleId :

VF1030SBS01

Tgt Ion: 43 Resp: 97569

Ion Ratio Lower Upper

43 100

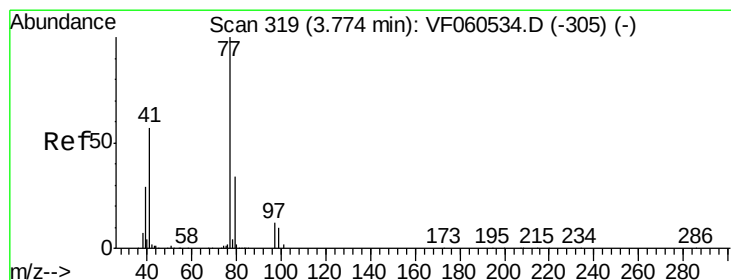
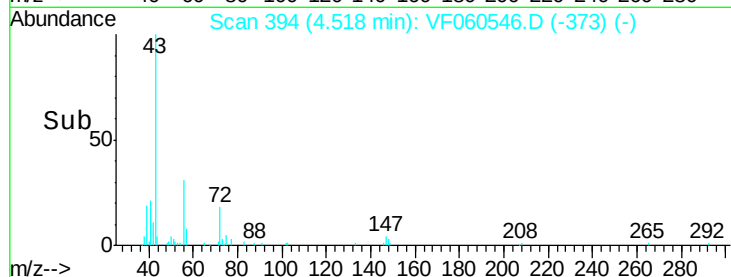
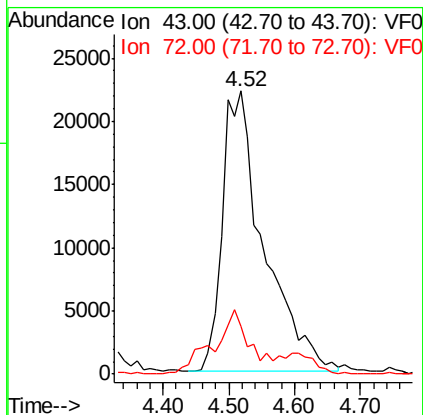
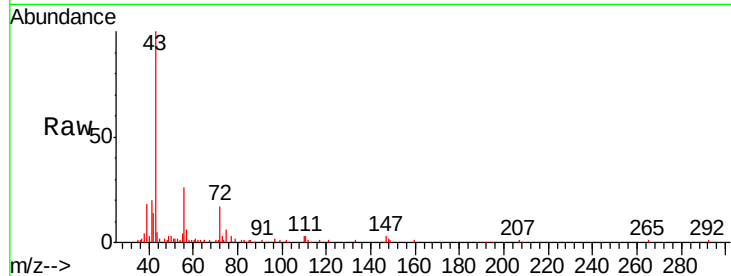
72 16.9 17.4 26.0#

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#26

2,2-Dichloropropane

Concen: 26.78 ug/l

RT: 3.76 min Scan# 317

Delta R.T. -0.01 min

Lab File: VF060546.D

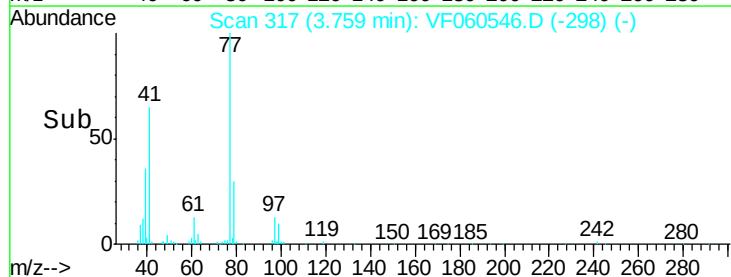
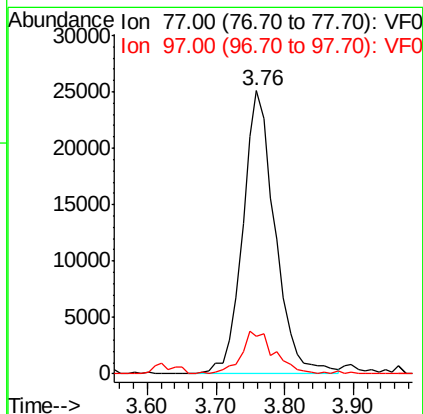
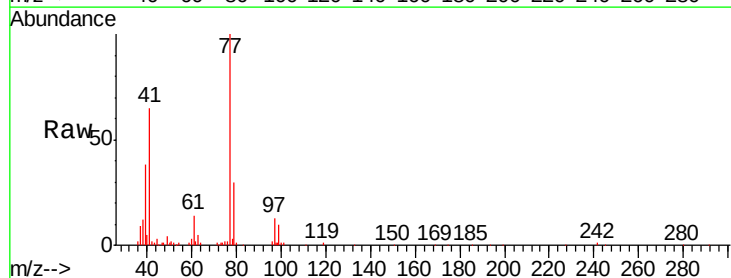
Acq: 30 Oct 2018 15:51

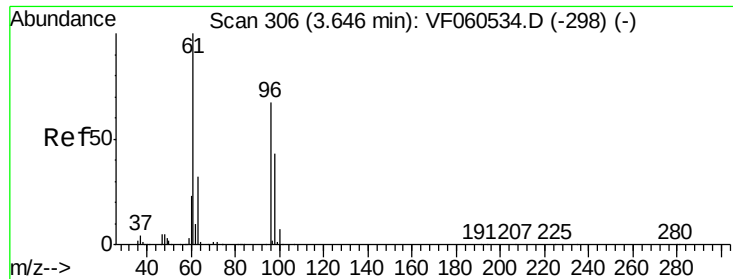
Tgt Ion: 77 Resp: 81517

Ion Ratio Lower Upper

77 100

97 13.4 8.5 25.5





#27

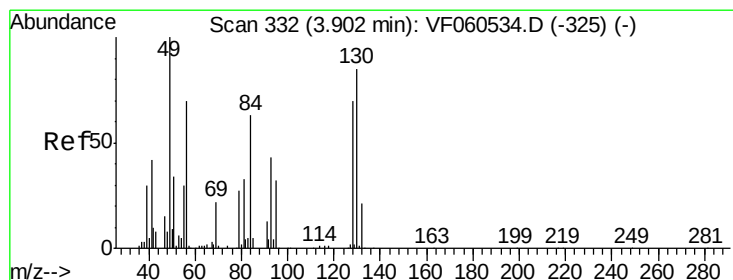
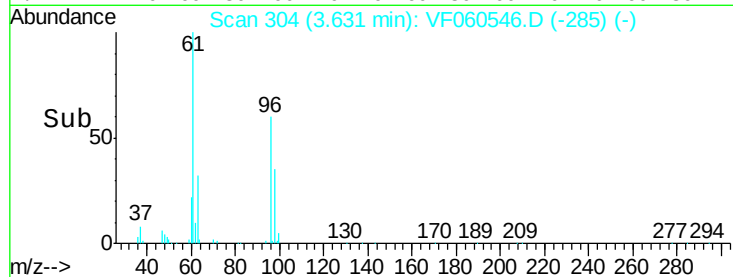
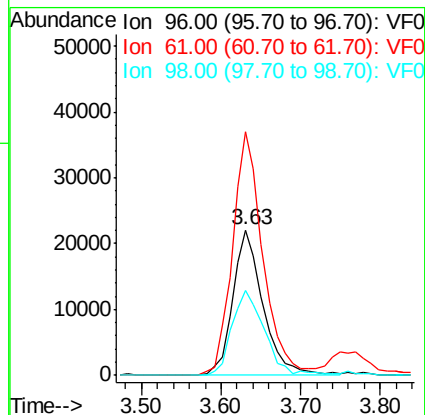
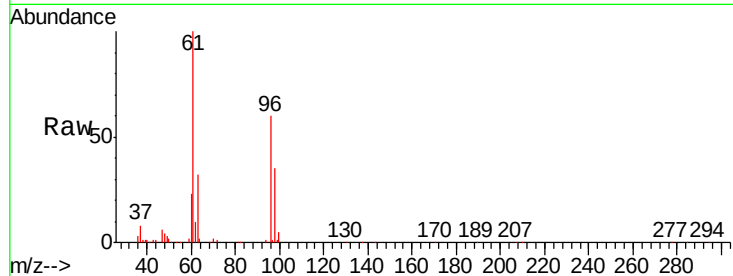
cis-1,2-Dichloroethene
 Concen: 20.18 ug/l
 RT: 3.63 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1030SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.3	0.0	300.8
98	58.7	0.0	128.4

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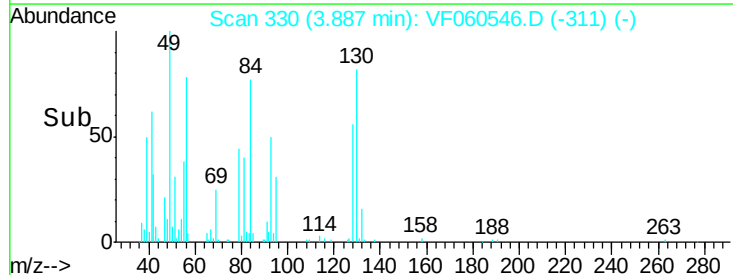
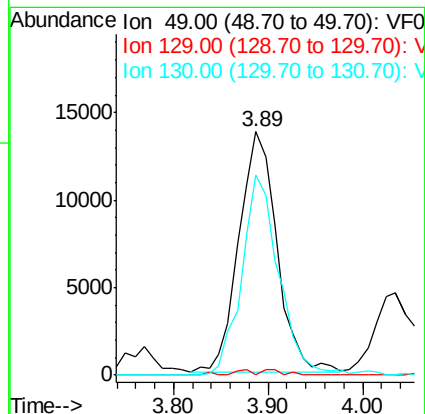
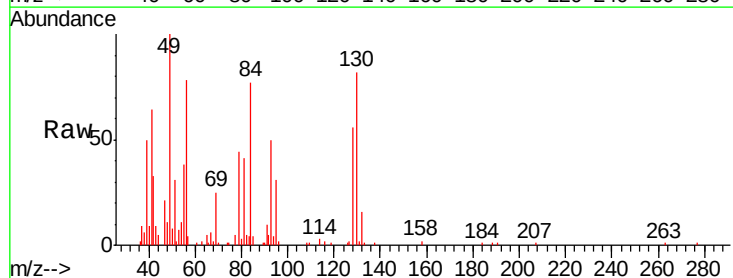
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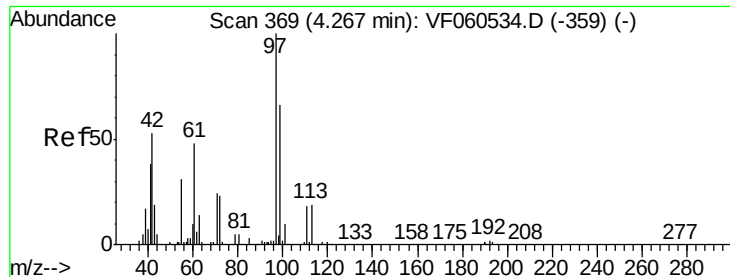


#28

Bromochloromethane
 Concen: 21.86 ug/l
 RT: 3.89 min Scan# 330
 Delta R.T. -0.01 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	82.3	67.5	101.3





#29

Tetrahydrofuran

Concen: 98.86 ug/l

RT: 4.26 min Scan# 368

Delta R.T. -0.00 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

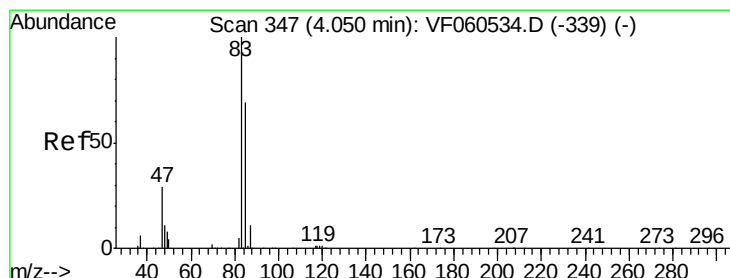
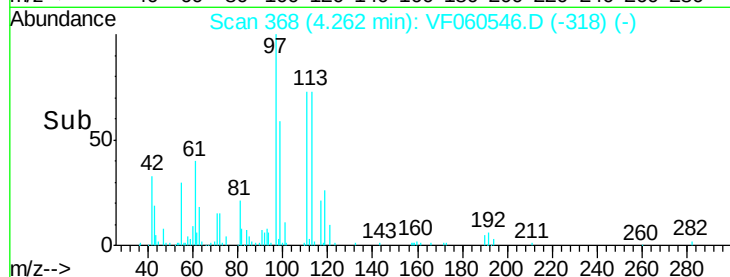
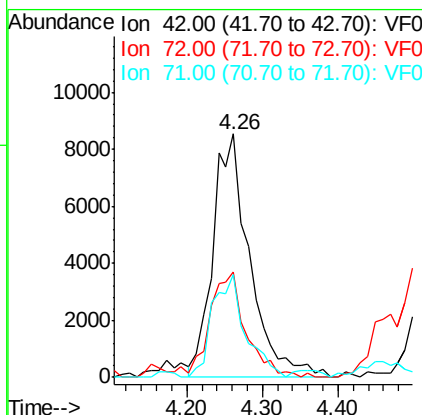
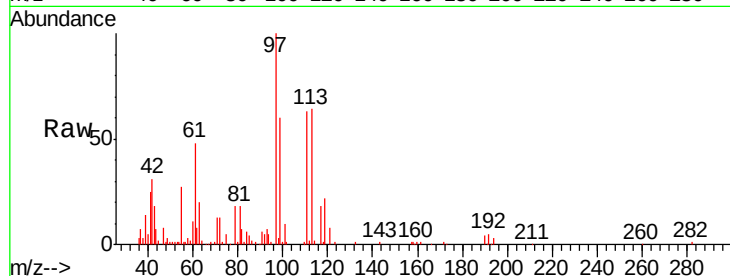
ClientSampleId :

VF1030SBS01

Tgt Ion:	42	Resp:	28898
Ion Ratio	Lower	Upper	
42	100		
72	43.2	32.5	48.7
71	37.7	34.5	51.7

Manual Integrations
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#30

Chloroform

Concen: 23.39 ug/l

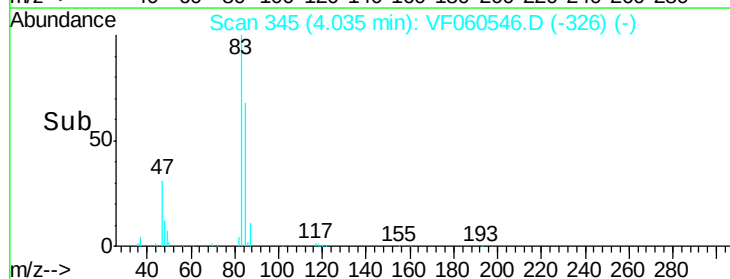
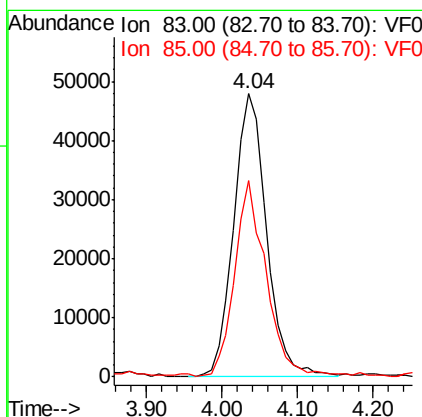
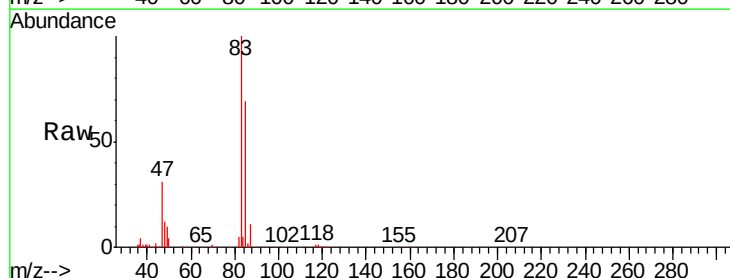
RT: 4.04 min Scan# 345

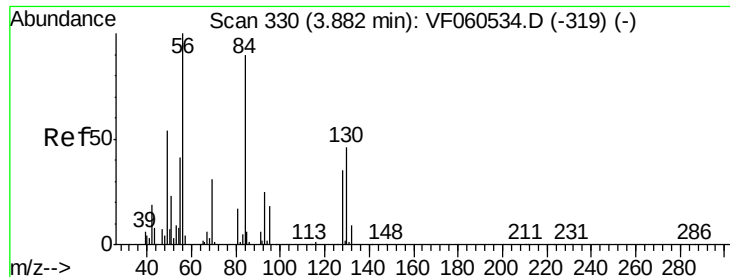
Delta R.T. -0.01 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Tgt Ion:	83	Resp:	144697
Ion Ratio	Lower	Upper	
83	100		
85	69.3	55.0	82.4





#31

Cyclohexane

Concen: 19.25 ug/l

RT: 3.86 min Scan# 327

Delta R.T. -0.02 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

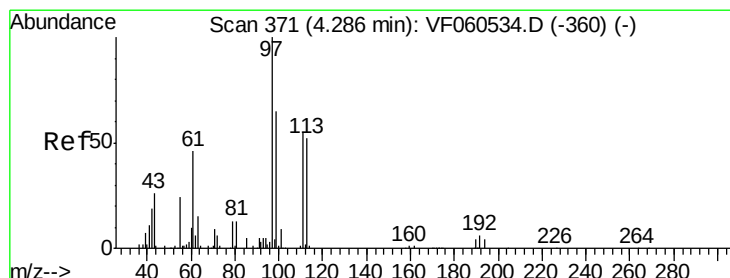
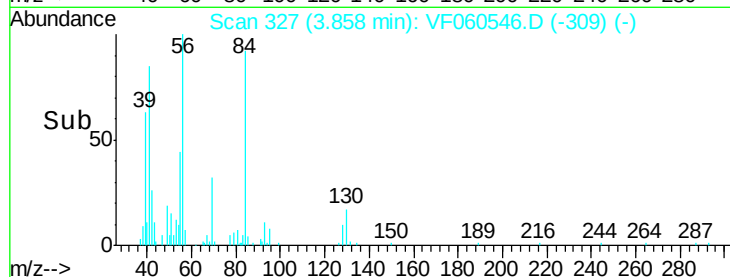
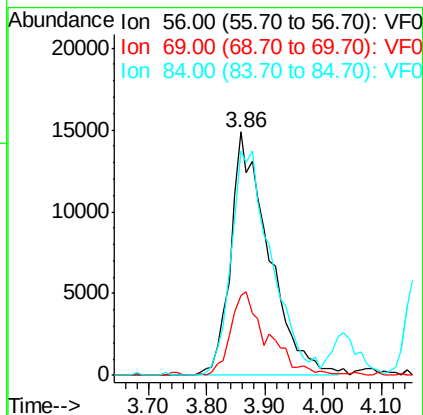
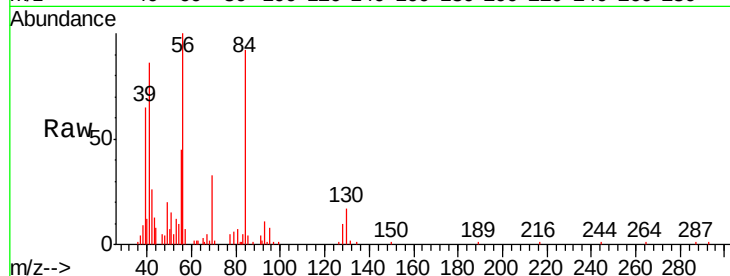
ClientSampleId :

VF1030SBS01

Tgt Ion:	56	Resp:	67342
Ion Ratio	Lower	Upper	
56	100		
69	32.6	25.0	37.6
84	91.9	72.1	108.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 27.14 ug/l

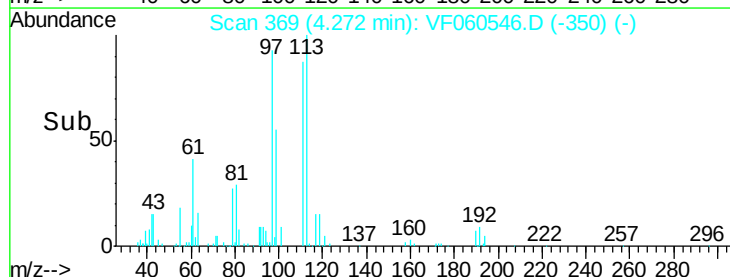
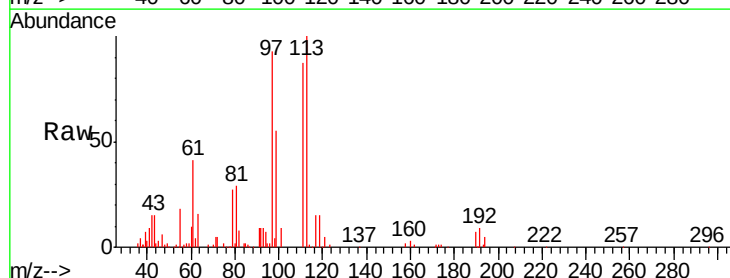
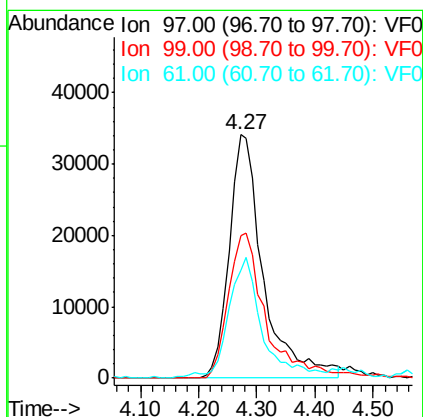
RT: 4.27 min Scan# 369

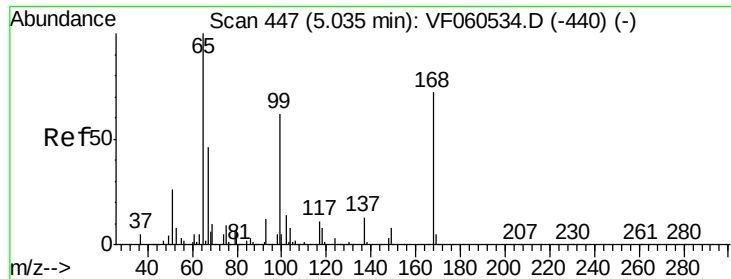
Delta R.T. -0.01 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Tgt Ion:	97	Resp:	138799
Ion Ratio	Lower	Upper	
97	100		
99	58.6	51.7	77.5
61	44.3	36.8	55.2





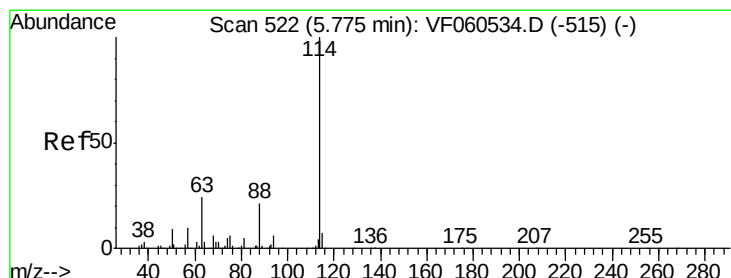
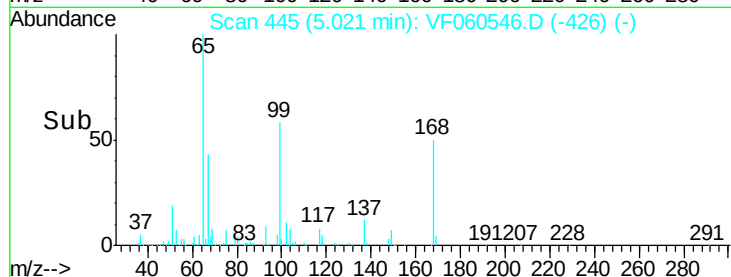
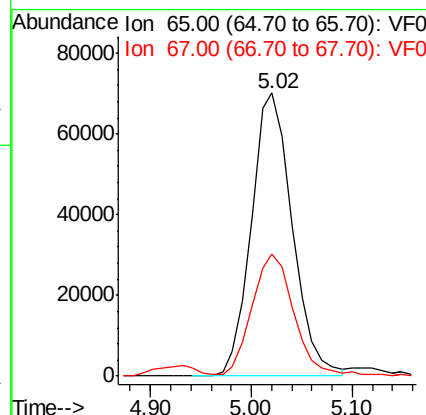
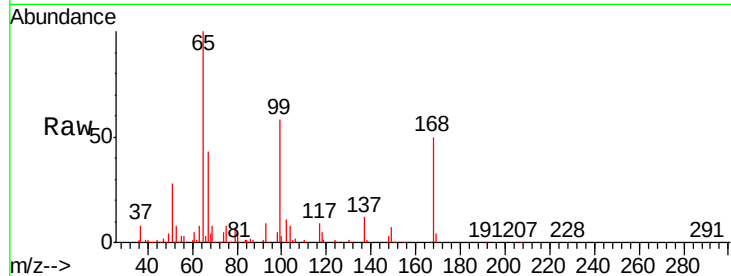
#33
 1,2-Dichloroethane-d4
 Concen: 61.43 ug/l
 RT: 5.02 min Scan# 445
 Delta R.T. -0.01 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1030SBS01

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
67	43.1	0.0	94.4

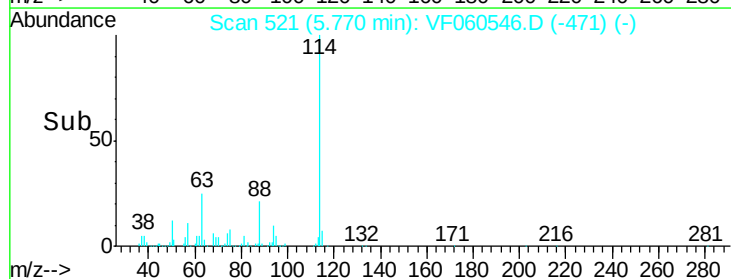
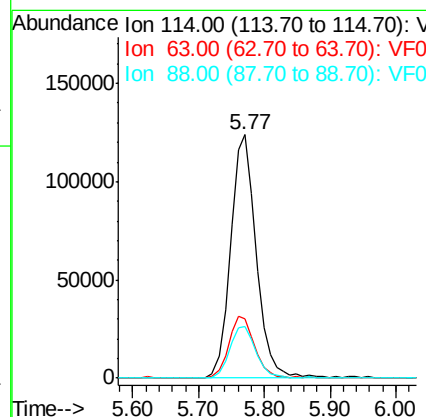
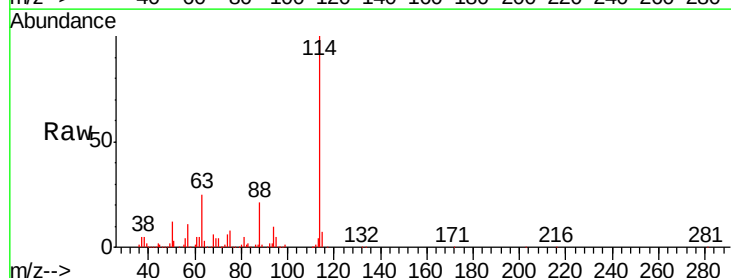
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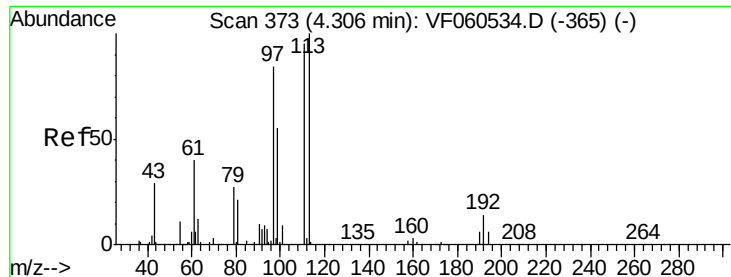
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Tgt Ion	Ratio	Resp Lower	Upper
114	100		
63	24.5	0.0	48.0
88	21.2	0.0	42.0





#35

Dibromofluoromethane

Concen: 58.23 ug/l

RT: 4.29 min Scan# 371

Delta R.T. -0.01 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

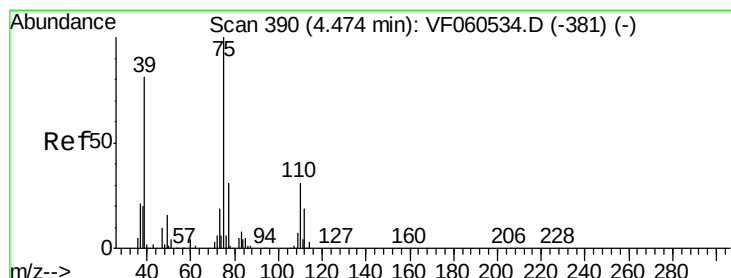
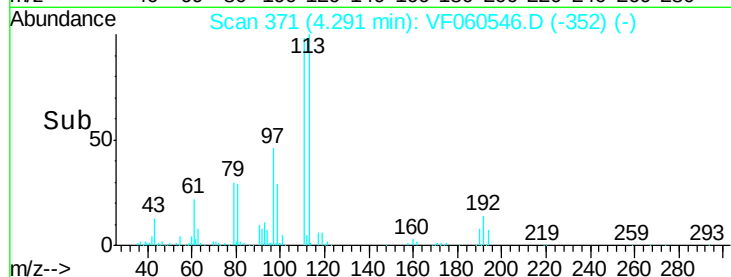
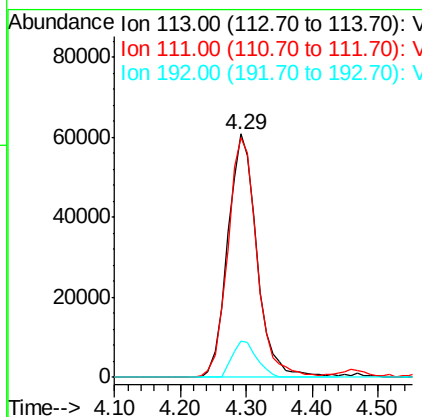
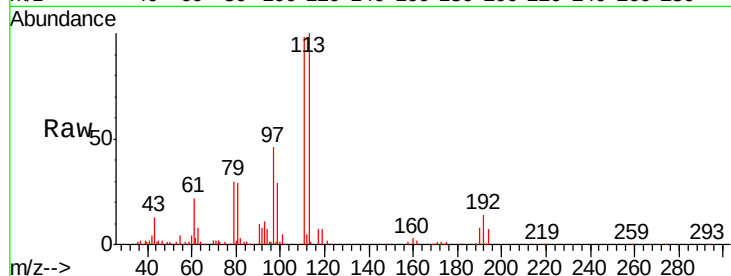
ClientSampleId :

VF1030SBS01

Tgt Ion:	113	Resp:	188959
Ion Ratio	Lower	Upper	
113	100		
111	98.3	75.9	113.9
192	14.7	11.2	16.8

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#36

1,1-Dichloropropene

Concen: 22.23 ug/l

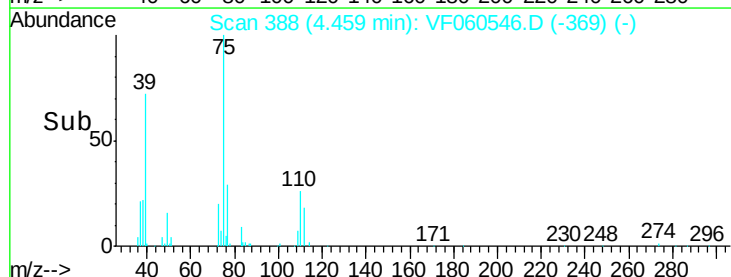
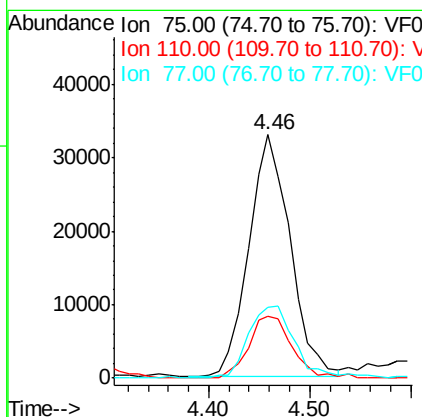
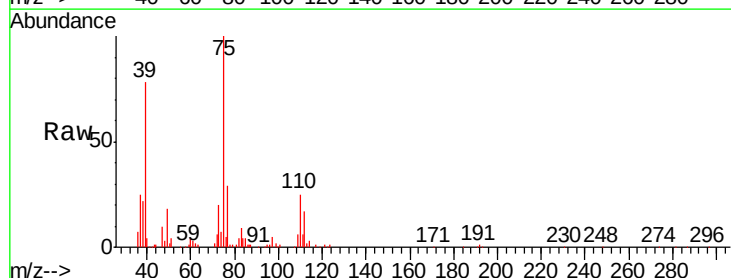
RT: 4.46 min Scan# 388

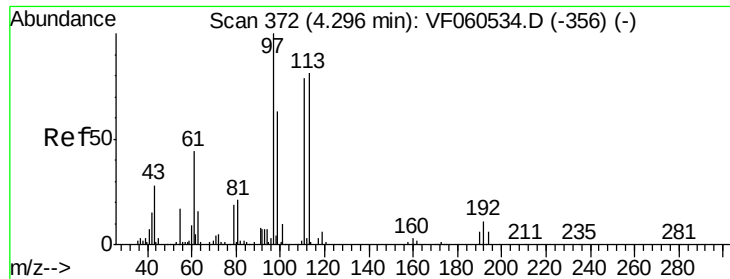
Delta R.T. -0.01 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Tgt Ion:	75	Resp:	93649
Ion Ratio	Lower	Upper	
75	100		
110	25.5	15.3	45.8
77	29.0	24.8	37.2





#37

Ethyl Acetate

Concen: 22.11 ug/l

RT: 4.29 min Scan# 371

Delta R.T. -0.00 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

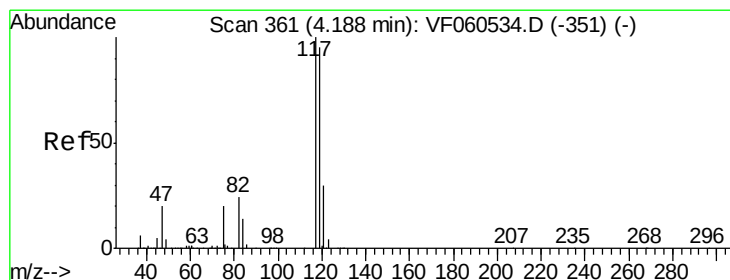
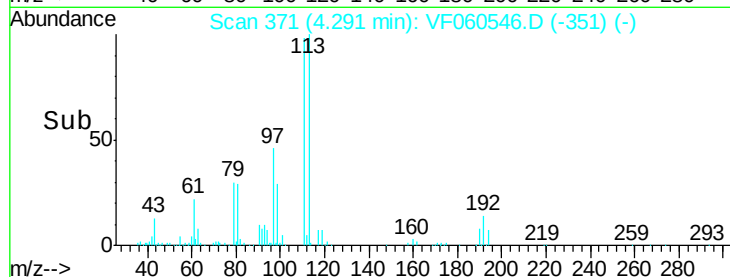
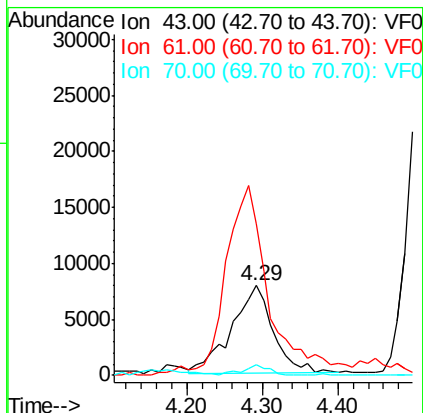
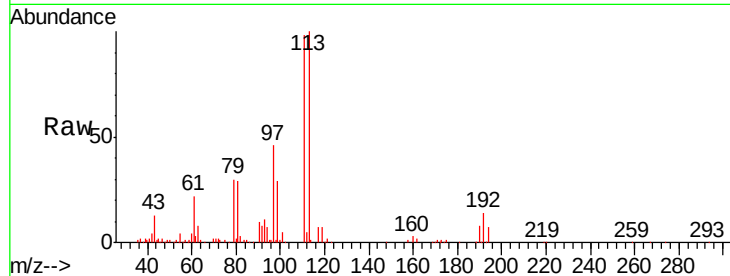
ClientSampleId :

VF1030SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	168.8	123.9	185.9
70	12.5	7.3	10.9#

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#38

Carbon Tetrachloride

Concen: 29.26 ug/l

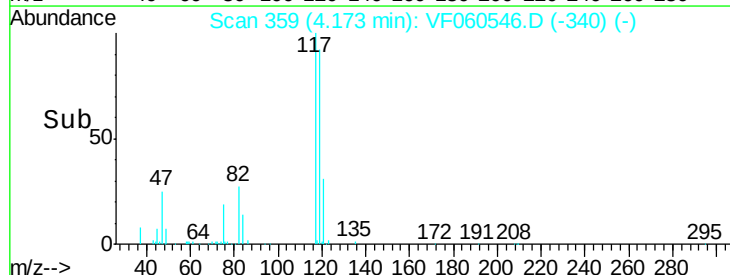
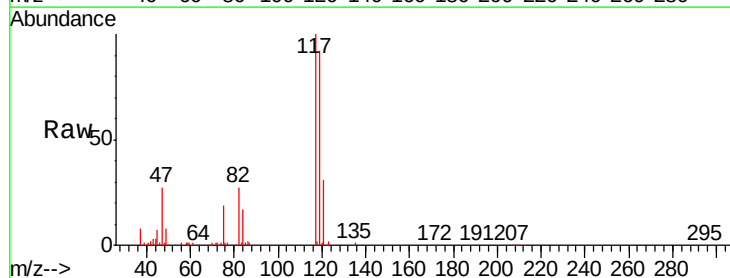
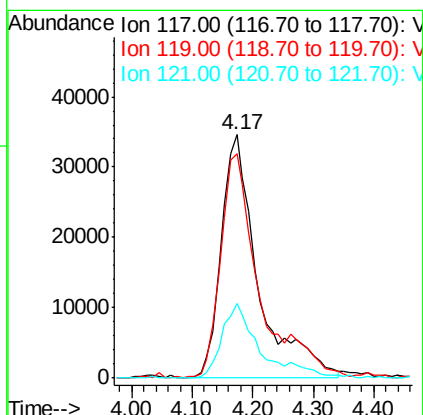
RT: 4.17 min Scan# 359

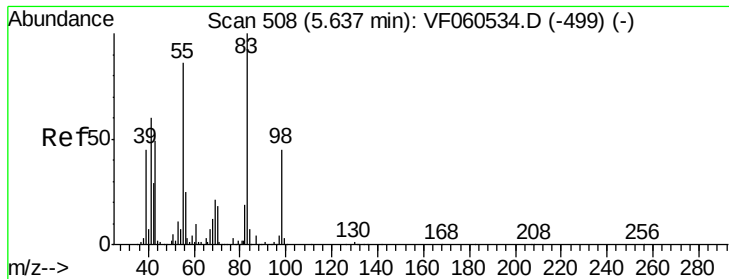
Delta R.T. -0.01 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	76.5	114.7
121	30.7	24.3	36.5





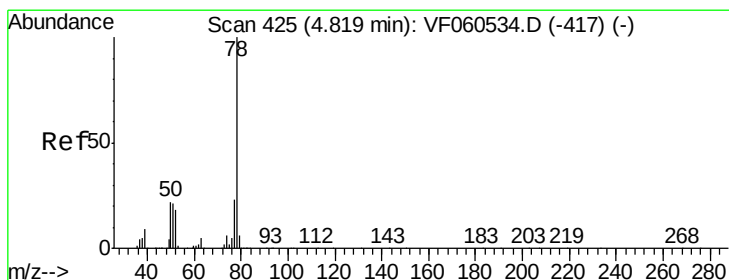
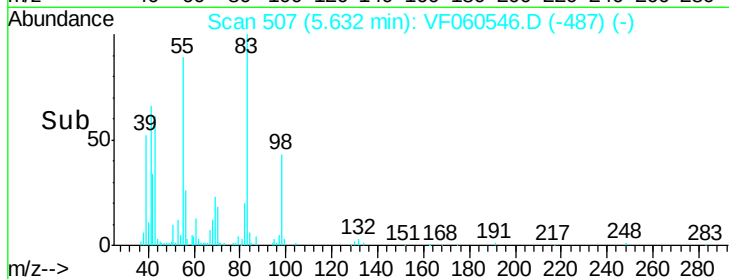
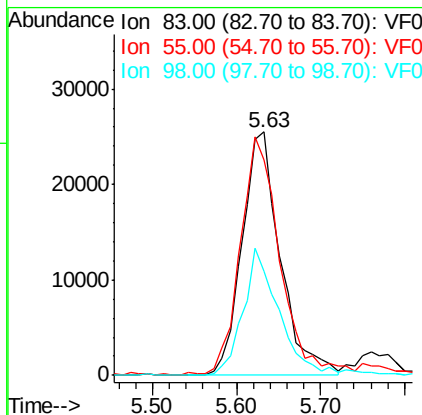
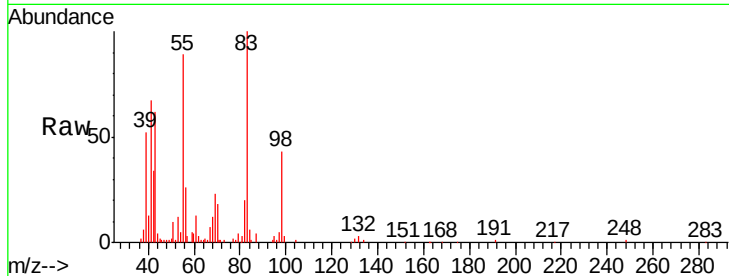
#39
Methylcyclohexane
Concen: 19.11 ug/l
RT: 5.63 min Scan# 507
Delta R.T. -0.00 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Instrument :
MSVOA_F
ClientSampleId :
VF1030SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	88.7	69.0	103.4
98	42.7	36.1	54.1

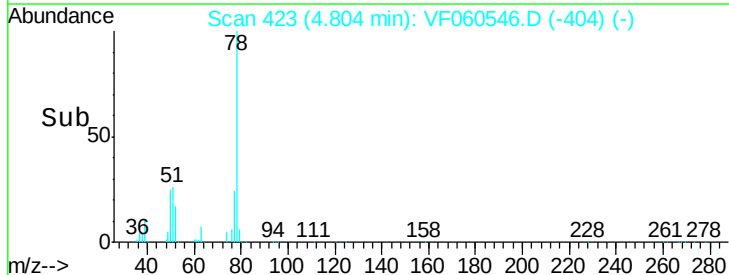
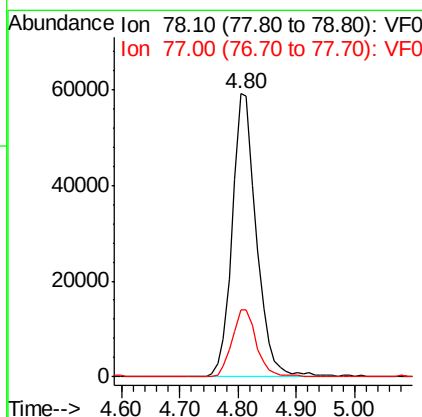
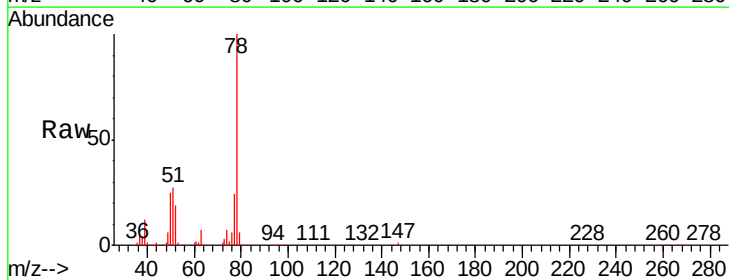
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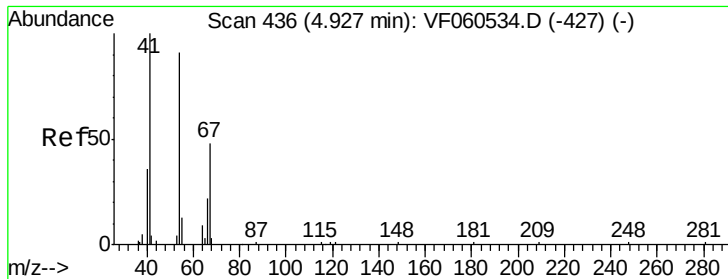
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#40
Benzene
Concen: 20.53 ug/l
RT: 4.80 min Scan# 423
Delta R.T. -0.01 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.5	27.7





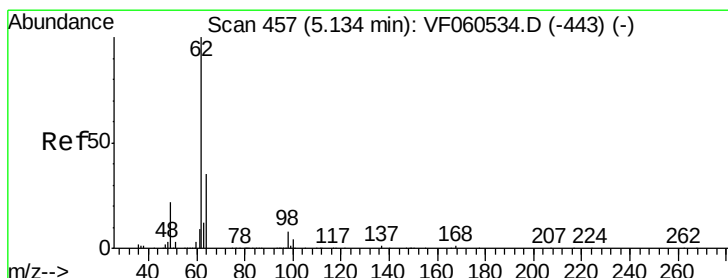
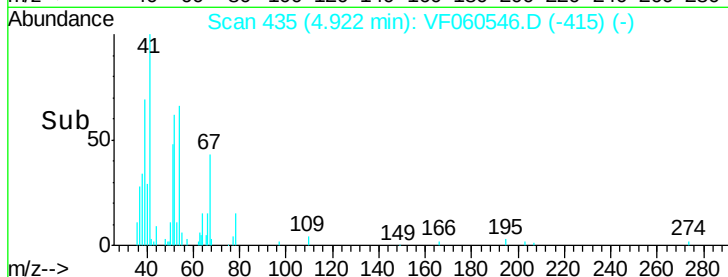
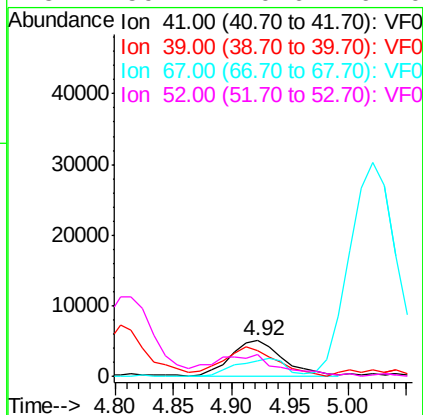
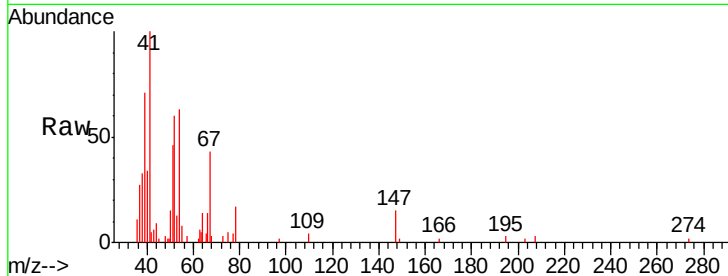
#41
Methacrylonitrile
Concen: 20.22 ug/l
RT: 4.92 min Scan# 435
Delta R.T. -0.00 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Instrument :
MSVOA_F
ClientSampleId :
VF1030SBS01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	71.0	51.0	76.6	
67	43.3	38.0	57.0	
52	59.7	40.6	61.0	

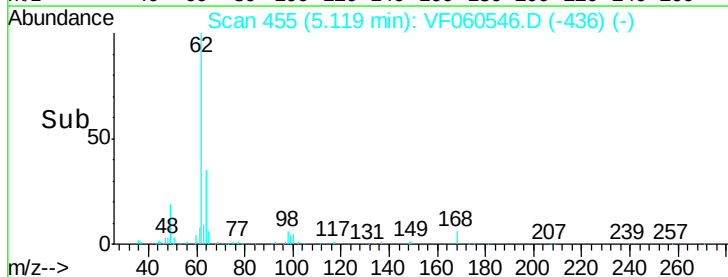
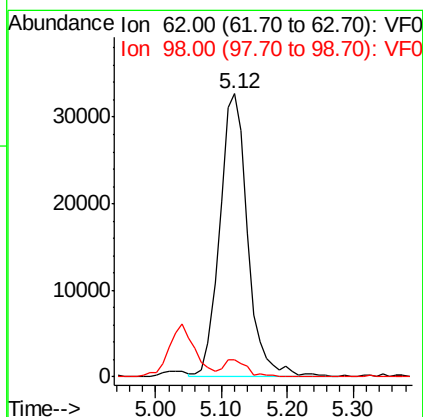
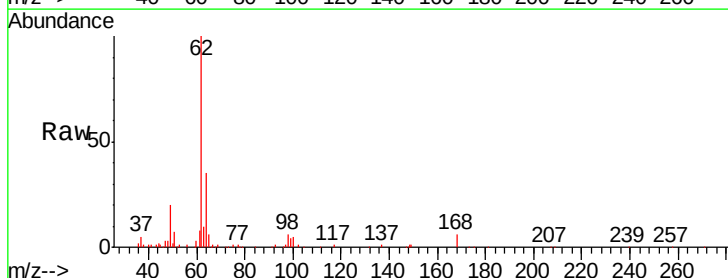
Manual Integrations
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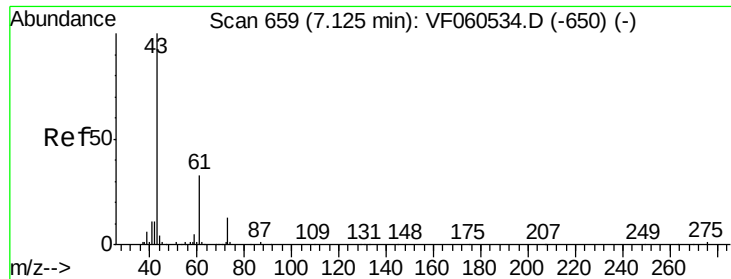
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#42
1,2-Dichloroethane
Concen: 24.95 ug/l
RT: 5.12 min Scan# 455
Delta R.T. -0.01 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	5.9	0.0	15.8	





#43

Isopropyl Acetate

Concen: 21.69 ug/l

RT: 7.11 min Scan# 657

Delta R.T. -0.01 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

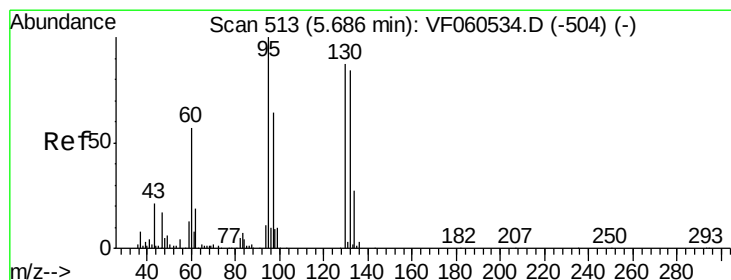
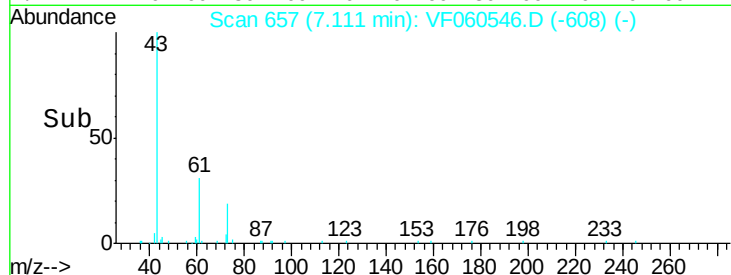
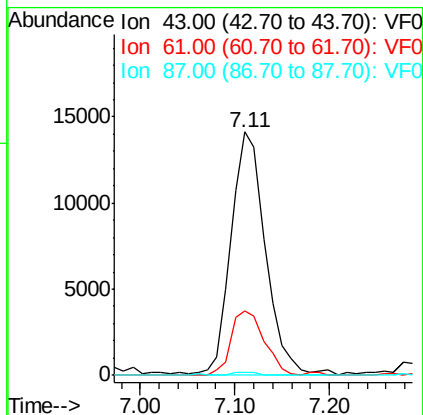
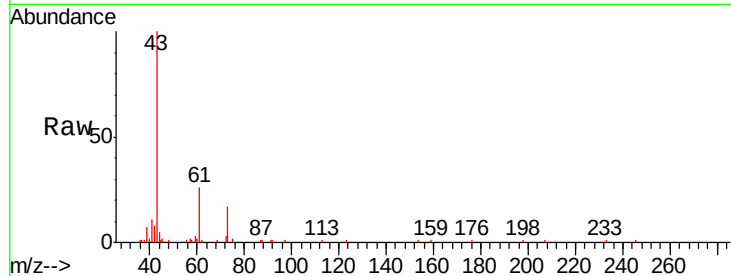
ClientSampleId :

VF1030SBS01

Tgt Ion:	43	Resp:	35814
Ion Ratio		Lower	Upper
43	100		
61	26.4	26.6	40.0#
87	1.2	0.6	1.0#

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#44

Trichloroethene

Concen: 20.99 ug/l

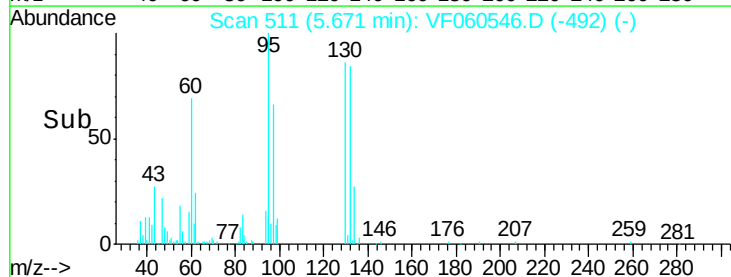
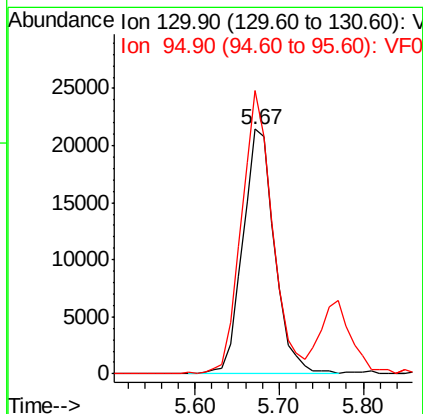
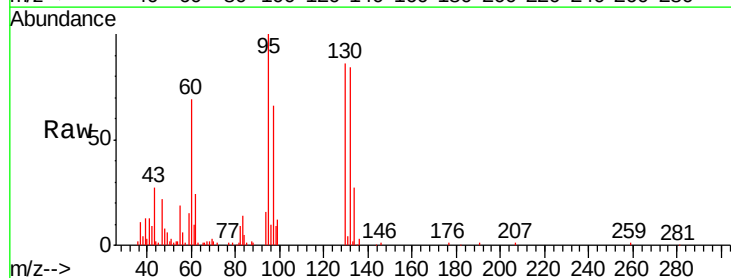
RT: 5.67 min Scan# 511

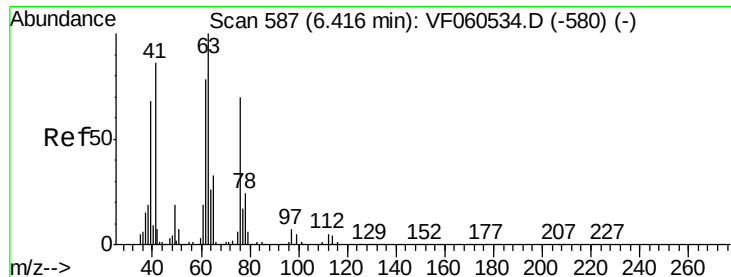
Delta R.T. -0.01 min

Lab File: VF060546.D

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Tgt Ion:	130	Resp:	56707
Ion Ratio		Lower	Upper
130	100		
95	115.6	0.0	229.4





#45

1,2-Dichloropropane

Concen: 19.44 ug/l

RT: 6.41 min Scan# 586

Delta R.T. -0.00 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

ClientSampleId :

VF1030SBS01

Tgt Ion: 63 Resp: 40536

Ion Ratio Lower Upper

63 100

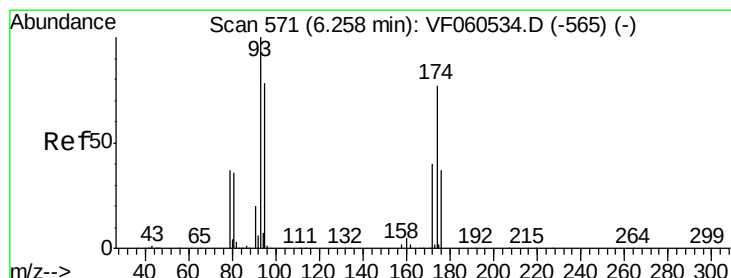
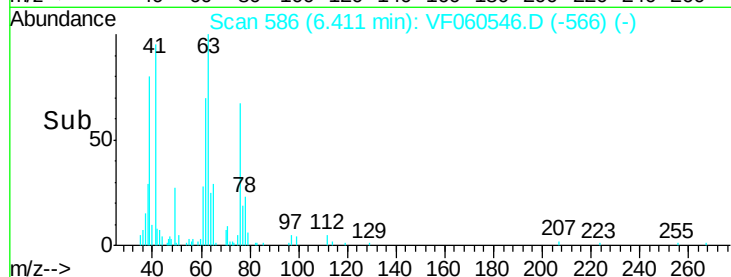
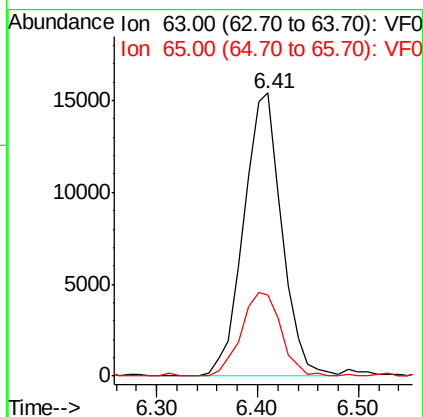
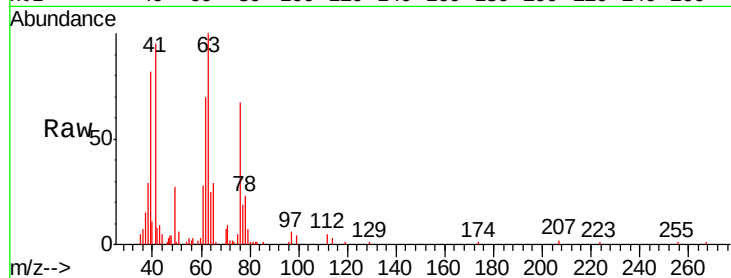
65 28.9 26.5 39.7

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#46

Dibromomethane

Concen: 20.69 ug/l

RT: 6.25 min Scan# 570

Delta R.T. -0.00 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

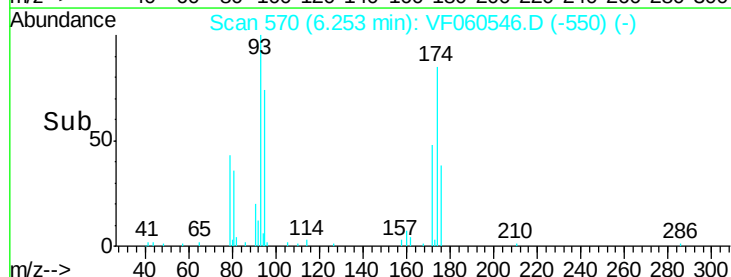
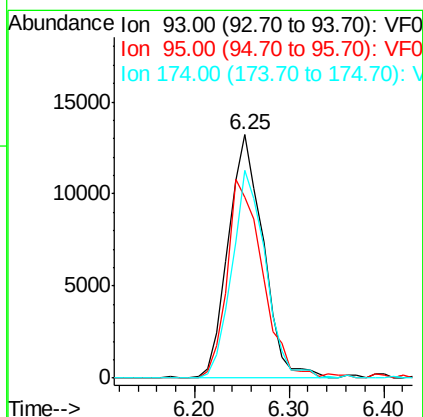
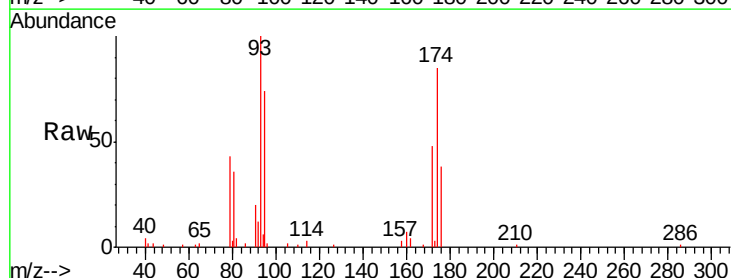
Tgt Ion: 93 Resp: 33889

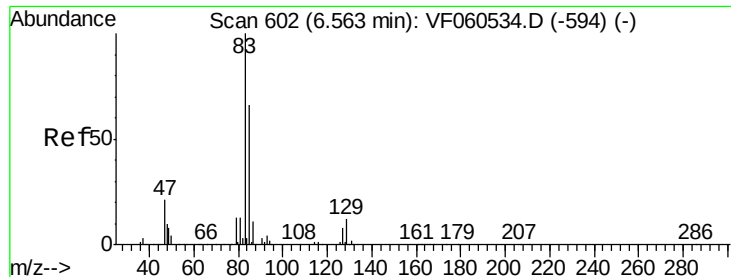
Ion Ratio Lower Upper

93 100

95 76.2 64.3 96.5

174 85.4 63.3 94.9





#47

Bromodichloromethane

Concen: 22.95 ug/l

RT: 6.55 min Scan# 600

Delta R.T. -0.01 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

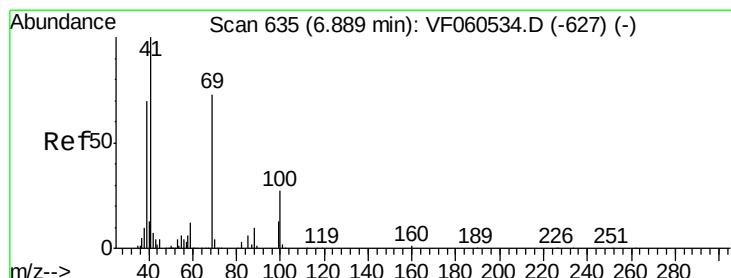
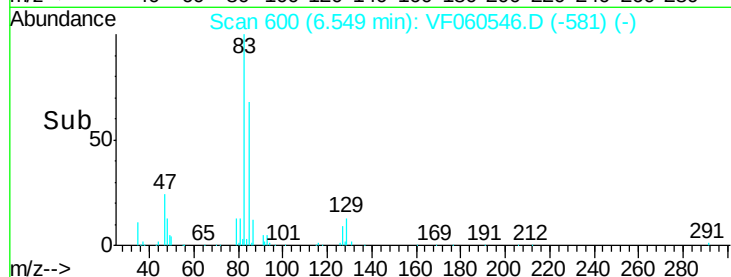
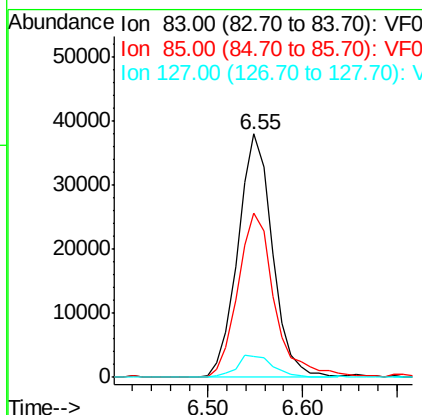
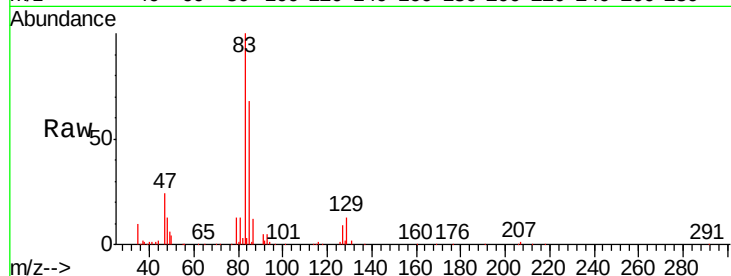
ClientSampleId :

VF1030SBS01

Tgt Ion:	83	Resp:	96449
Ion	Ratio	Lower	Upper
83	100		
85	67.7	52.7	79.1
127	8.8	6.4	9.6

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#48

Methyl methacrylate

Concen: 21.43 ug/l

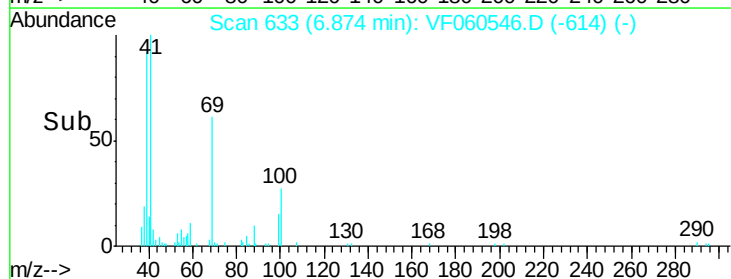
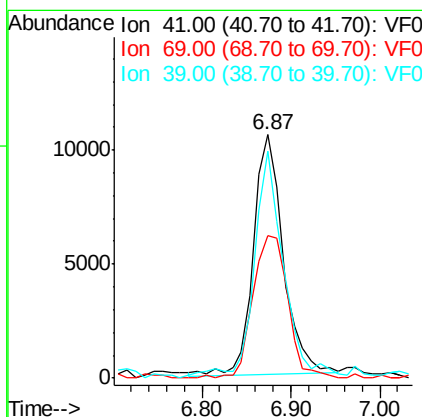
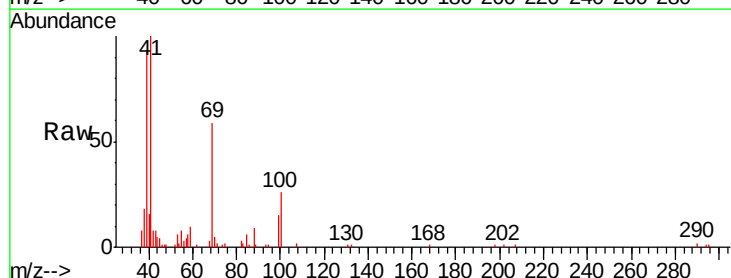
RT: 6.87 min Scan# 633

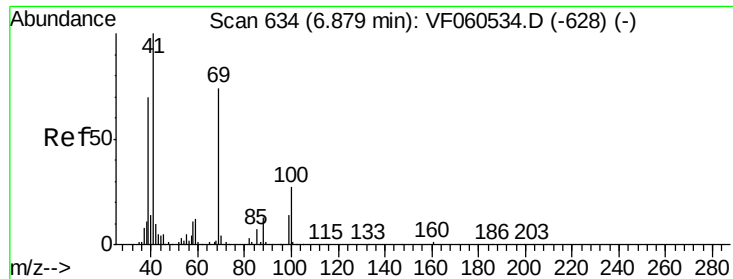
Delta R.T. -0.01 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Tgt Ion:	41	Resp:	24409
Ion	Ratio	Lower	Upper
41	100		
69	58.7	58.4	87.6
39	93.2	56.4	84.6#





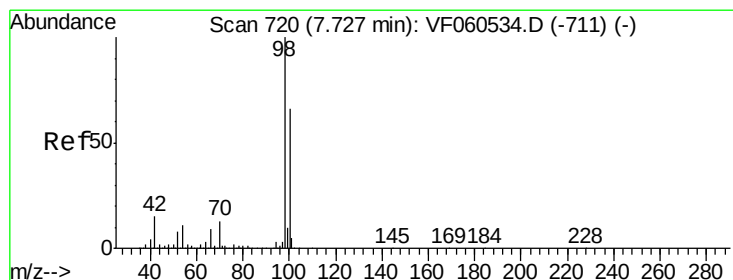
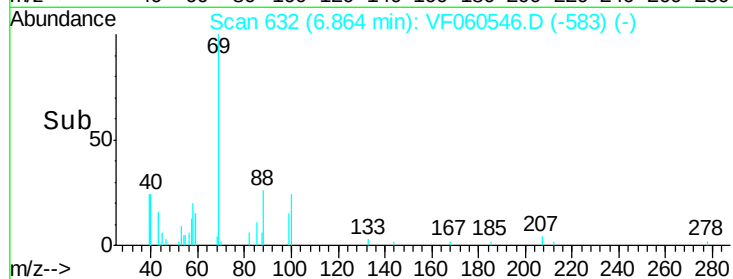
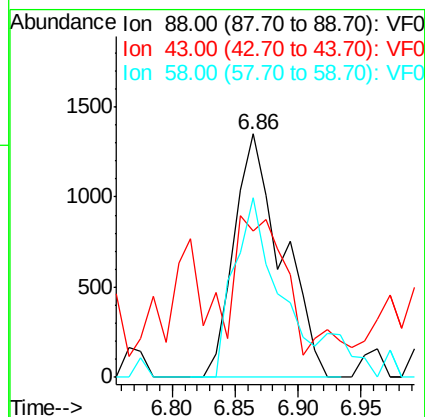
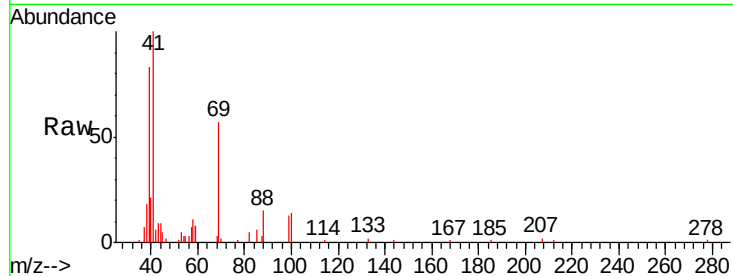
#49
1,4-Dioxane
Concen: 334.15 ug/l
RT: 6.86 min Scan# 632
Delta R.T. -0.01 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Instrument :
MSVOA_F
ClientSampleId :
VF1030SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	60.1	49.7	74.5
58	73.9	67.7	101.5

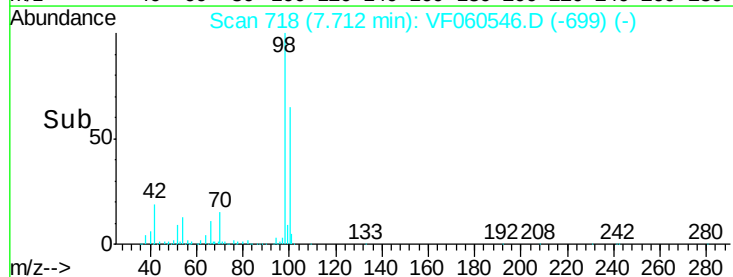
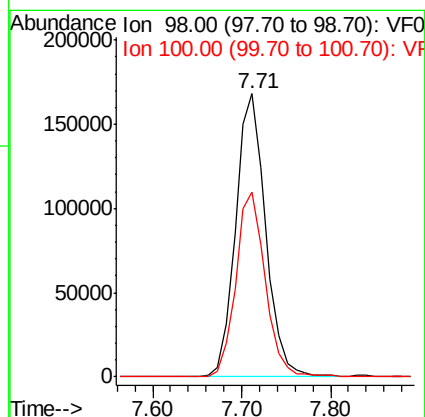
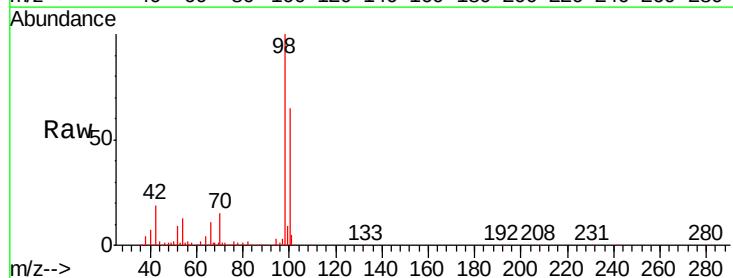
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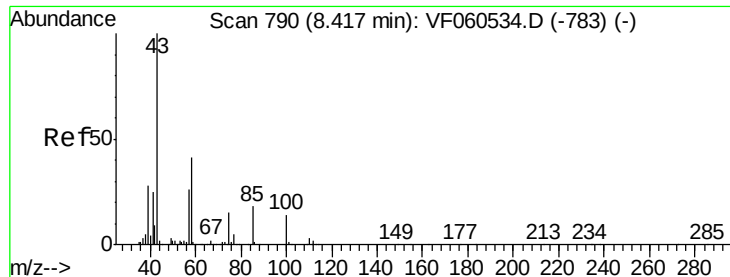
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#50
Toluene-d8
Concen: 49.73 ug/l
RT: 7.71 min Scan# 718
Delta R.T. -0.01 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 105.80 ug/l

RT: 8.40 min Scan# 788

Delta R.T. -0.01 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

ClientSampleId :

VF1030SBS01

Tgt Ion: 43 Resp: 126540

Ion Ratio Lower Upper

43 100

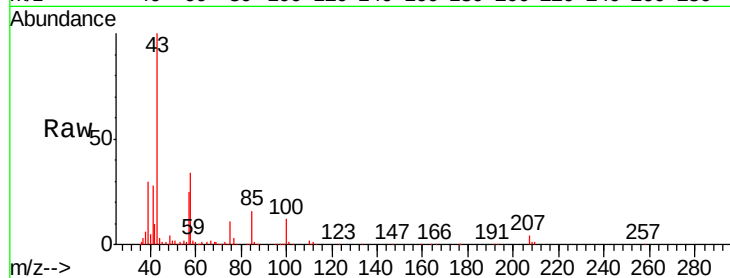
58 33.6 32.6 49.0

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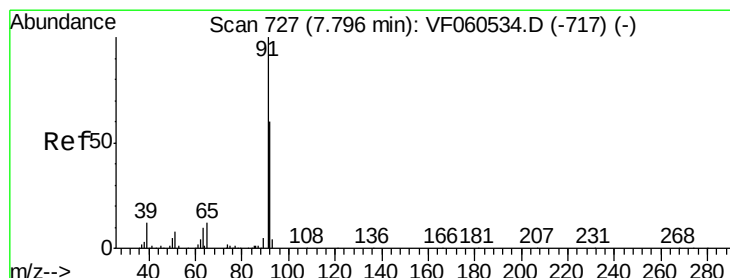
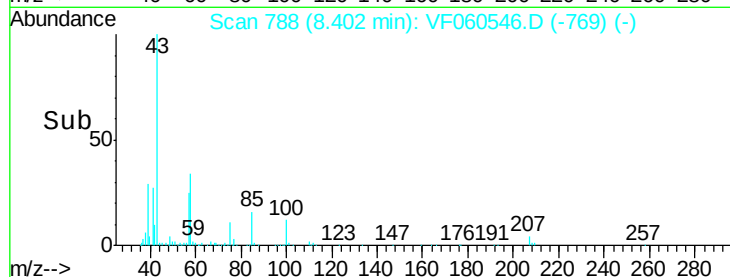
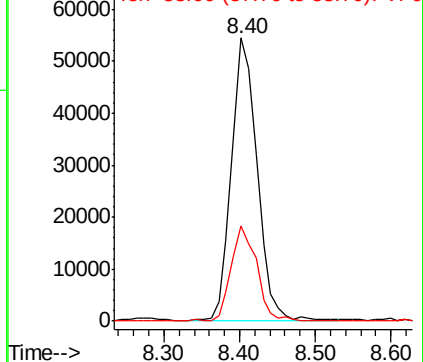
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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 18.78 ug/l

RT: 7.78 min Scan# 725

Delta R.T. -0.01 min

Lab File: VF060546.D

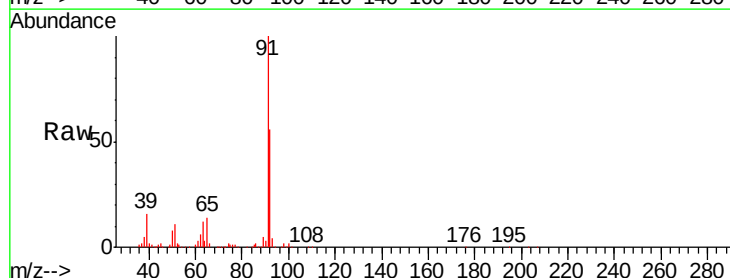
Acq: 30 Oct 2018 15:51

Tgt Ion: 92 Resp: 101894

Ion Ratio Lower Upper

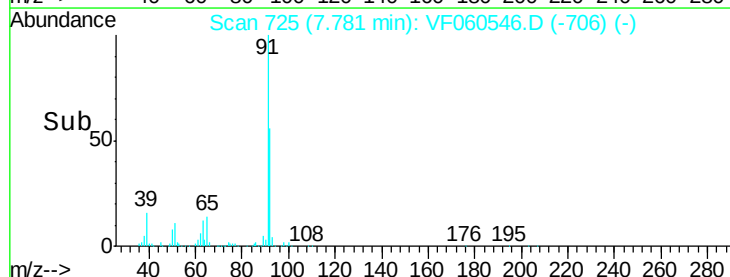
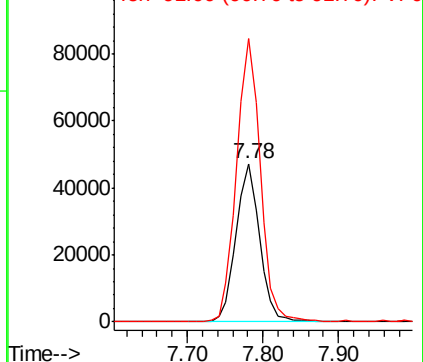
92 100

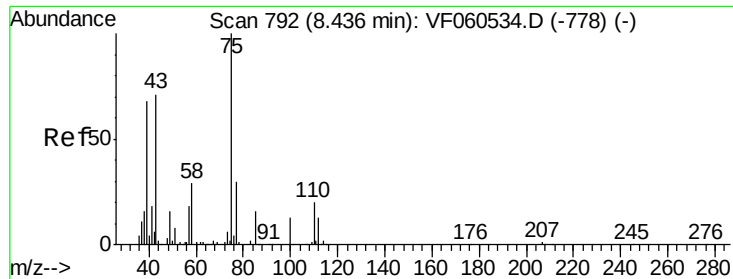
91 178.7 134.1 201.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 22.74 ug/l

RT: 8.43 min Scan# 791

Delta R.T. -0.00 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

ClientSampleId :

VF1030SBS01

Tgt Ion: 75 Resp: 74628

Ion Ratio Lower Upper

75 100

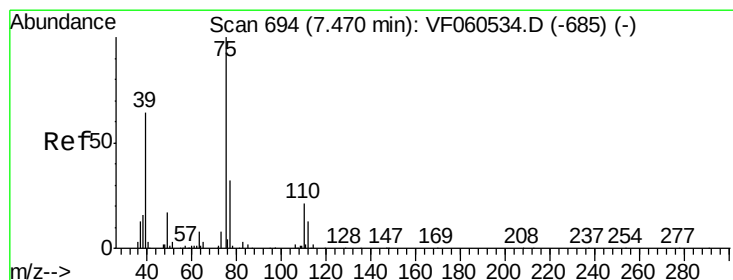
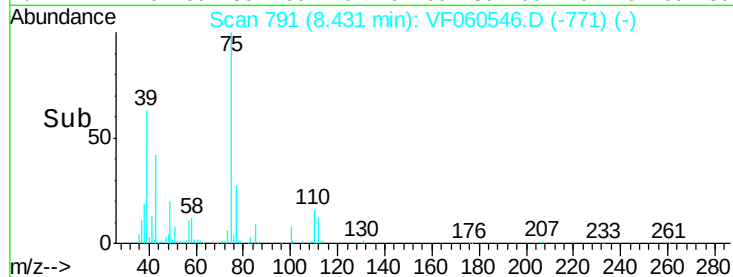
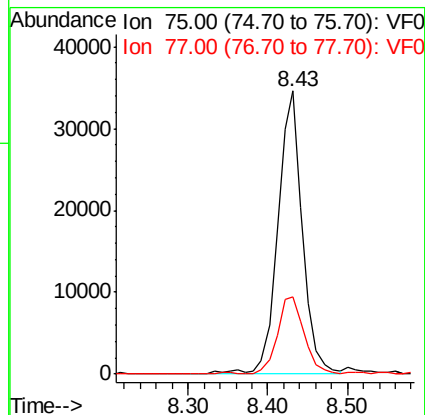
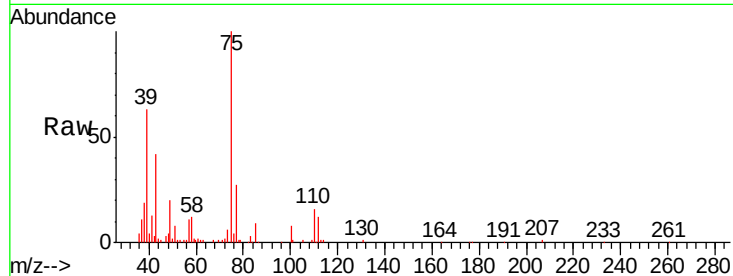
77 27.4 24.2 36.4

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#54

cis-1,3-Dichloropropene

Concen: 20.69 ug/l

RT: 7.46 min Scan# 692

Delta R.T. -0.01 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

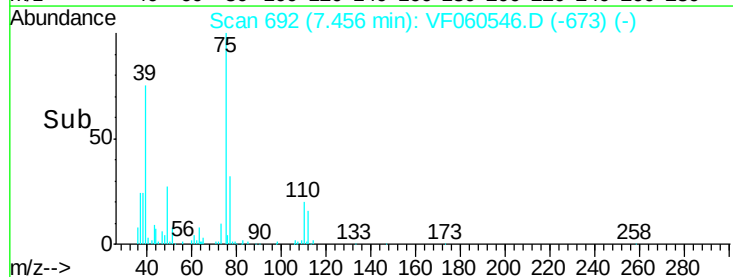
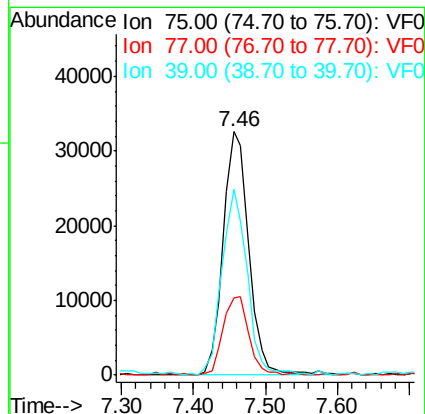
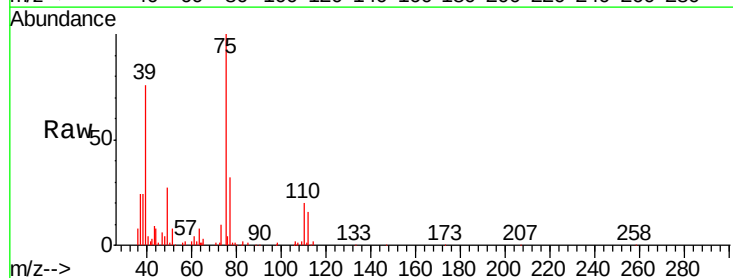
Tgt Ion: 75 Resp: 80476

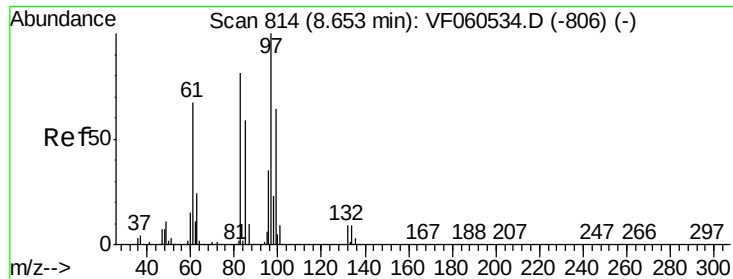
Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

39 76.5 51.5 77.3





#55

1,1,2-Trichloroethane

Concen: 18.81 ug/l

RT: 8.64 min Scan# 812

Delta R.T. -0.01 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

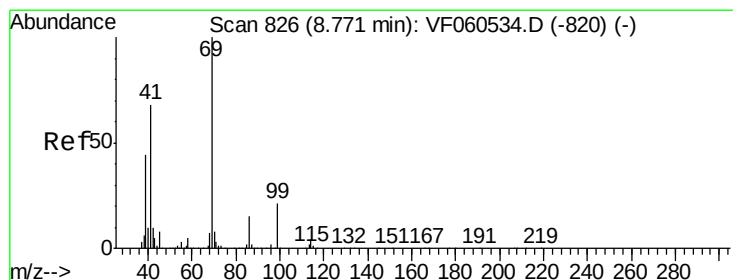
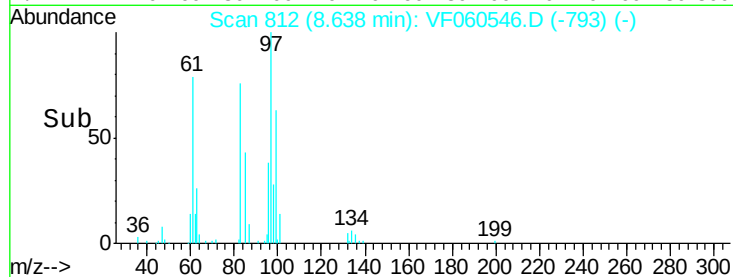
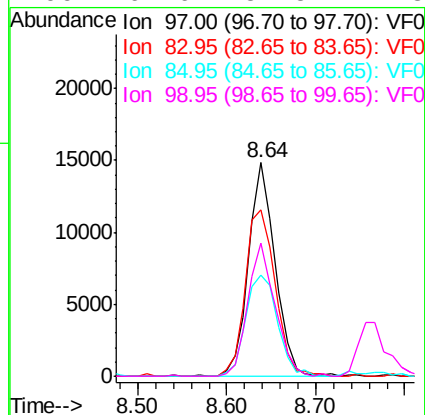
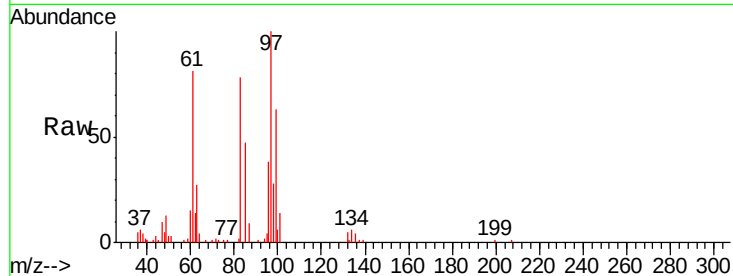
ClientSampleId :

VF1030SBS01

Tgt Ion:	97	Resp:	30573
Ion	Ratio	Lower	Upper
97	100		
83	78.1	65.3	97.9
85	47.2	47.6	71.4#
99	62.6	51.5	77.3

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#56

Ethyl methacrylate

Concen: 20.01 ug/l

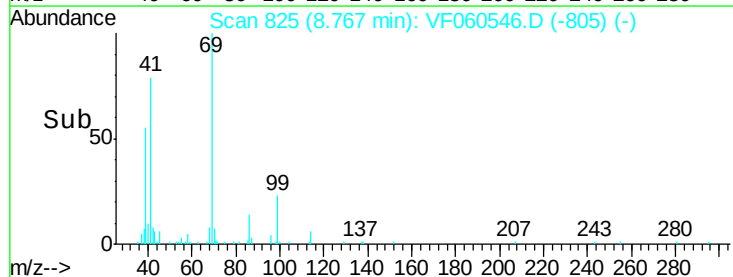
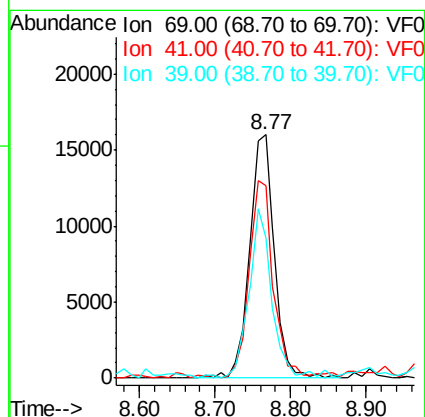
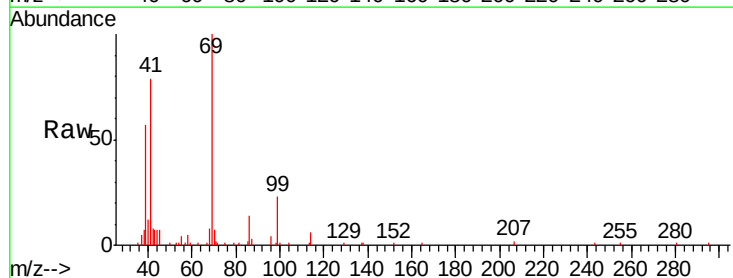
RT: 8.77 min Scan# 825

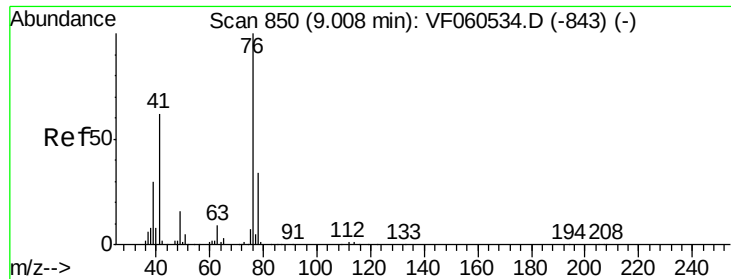
Delta R.T. -0.00 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Tgt Ion:	69	Resp:	36491
Ion	Ratio	Lower	Upper
69	100		
41	78.9	55.0	82.6
39	57.4	35.1	52.7#





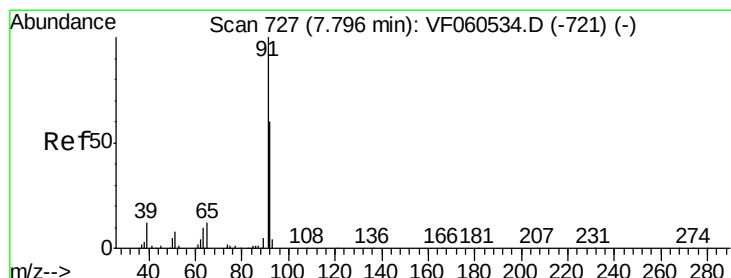
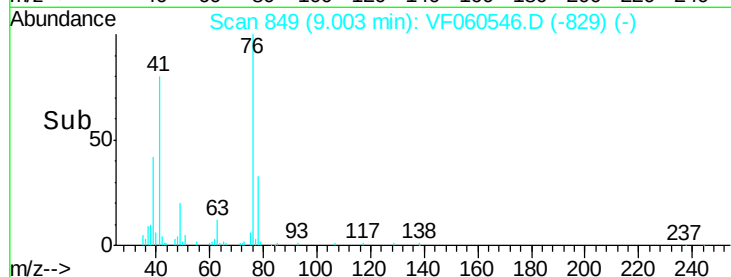
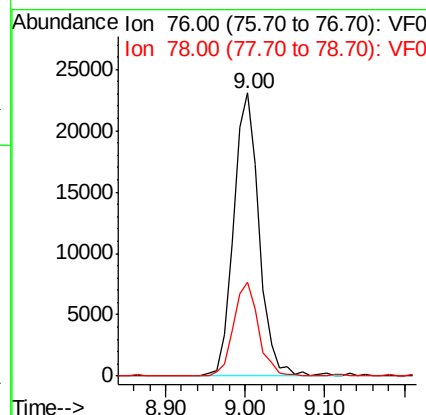
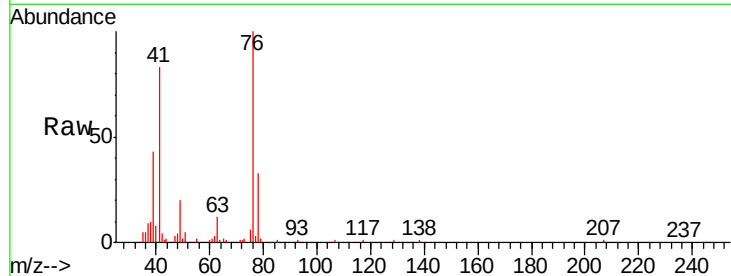
#57
 1,3-Dichloropropane
 Concen: 18.78 ug/l
 RT: 9.00 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1030SBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	33.0	27.3	40.9

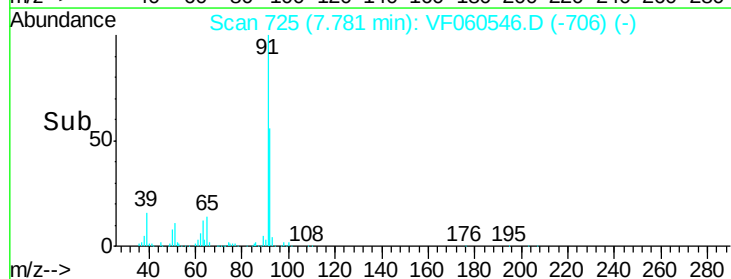
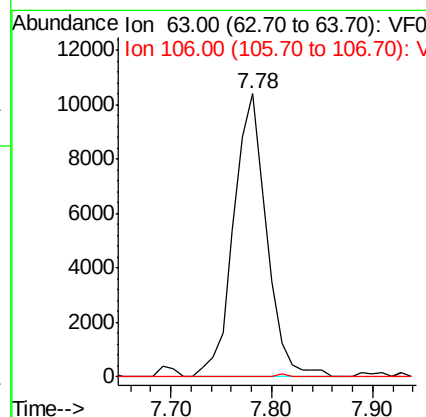
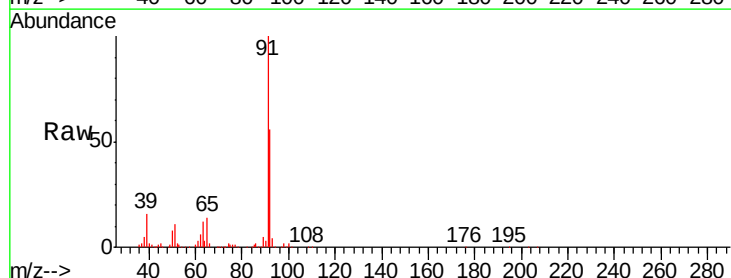
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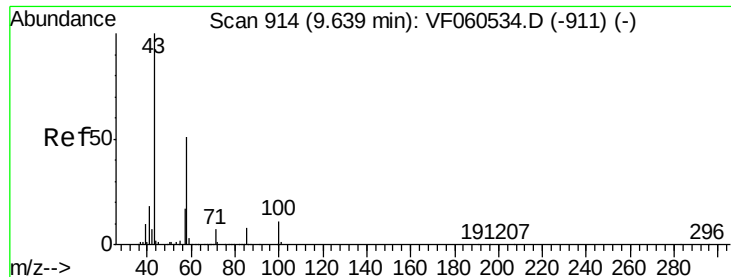
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#58
 2-Chloroethyl Vinyl ether
 Concen: 125.45 ug/l
 RT: 7.78 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Tgt Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0





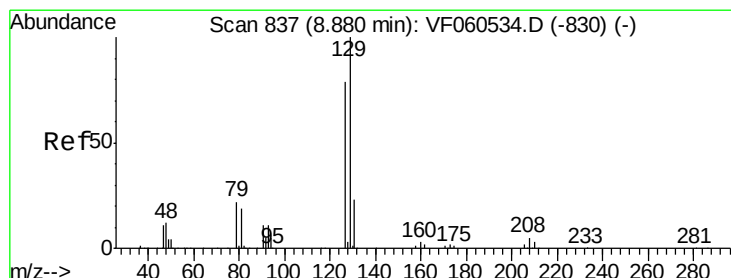
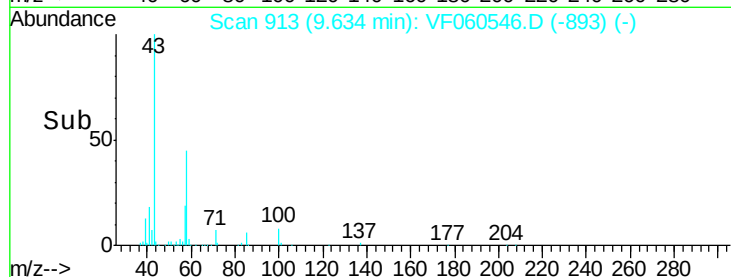
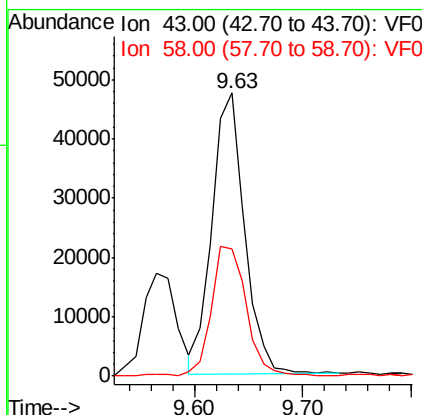
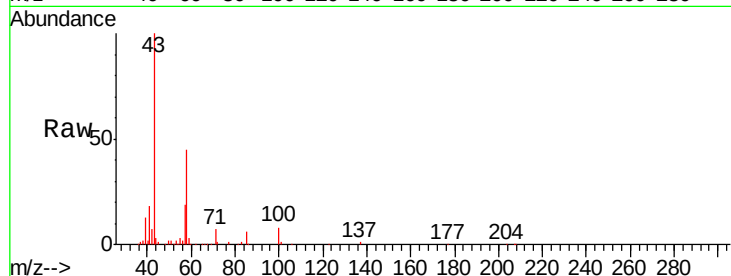
#59
2-Hexanone
Concen: 108.40 ug/l
RT: 9.63 min Scan# 913
Delta R.T. -0.00 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Instrument :
MSVOA_F
ClientSampleId :
VF1030SBSD01

Tgt Ion: 43 Resp: 99378
Ion Ratio Lower Upper
43 100
58 44.8 24.1 72.3

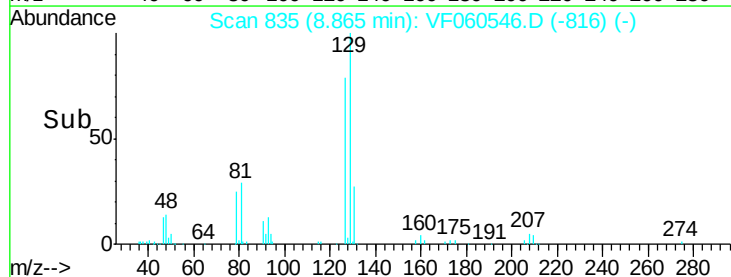
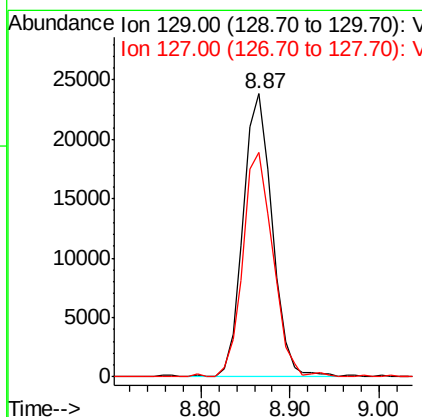
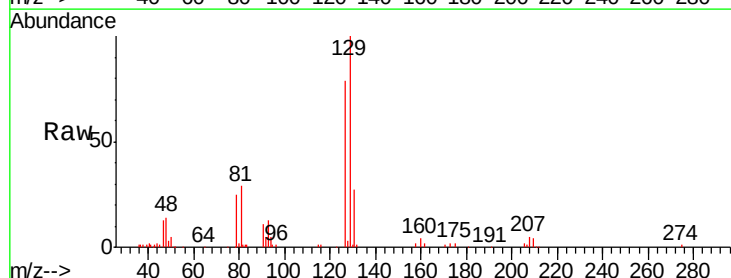
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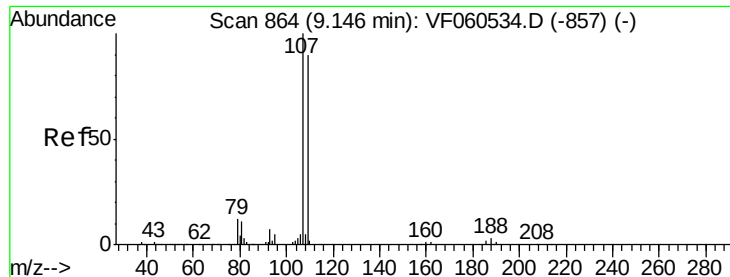
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#60
Dibromochloromethane
Concen: 20.59 ug/l
RT: 8.87 min Scan# 835
Delta R.T. -0.01 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Tgt Ion: 129 Resp: 53918
Ion Ratio Lower Upper
129 100
127 79.2 39.6 119.0





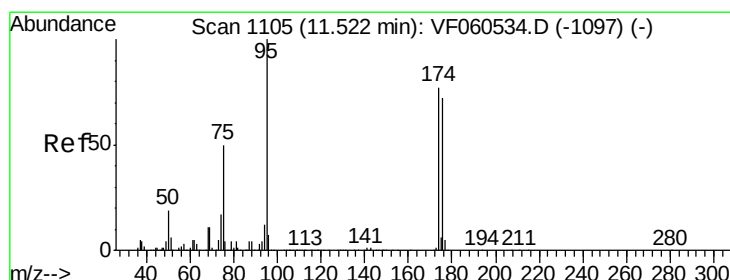
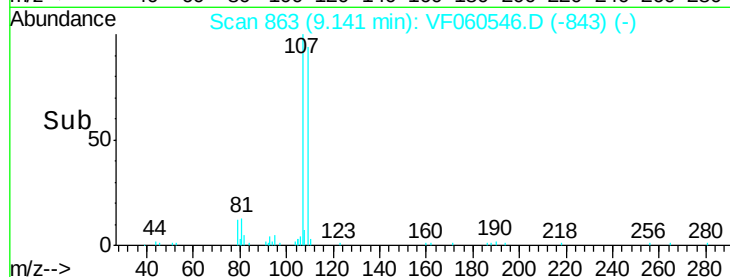
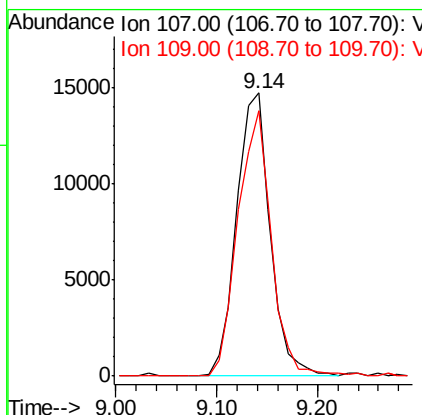
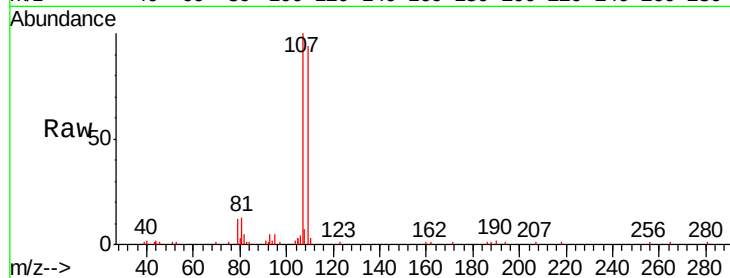
#61
 1,2-Dibromoethane
 Concen: 18.18 ug/l
 RT: 9.14 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1030SBS01

Tgt Ion: 107 Resp: 34207
 Ion Ratio Lower Upper
 107 100
 109 93.8 72.2 108.2

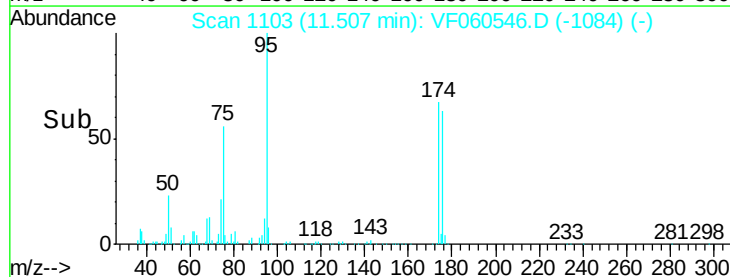
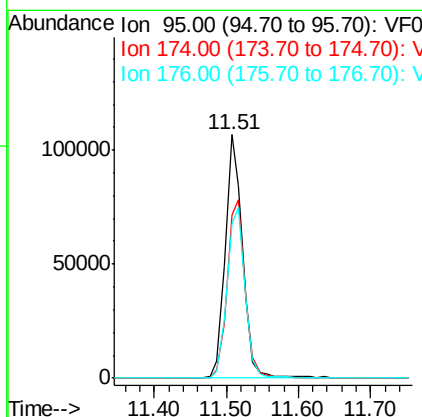
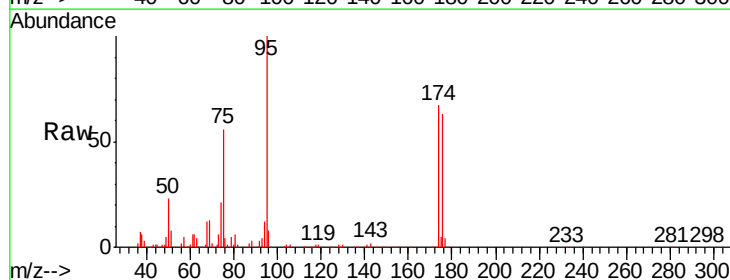
Manual Integrations
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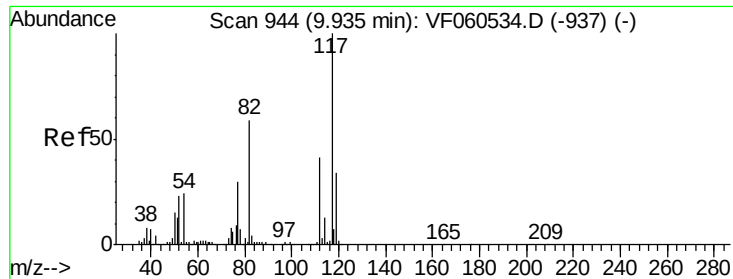
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.54 ug/l
 RT: 11.51 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Tgt Ion: 95 Resp: 177236
 Ion Ratio Lower Upper
 95 100
 174 67.2 0.0 153.8
 176 63.0 0.0 143.6





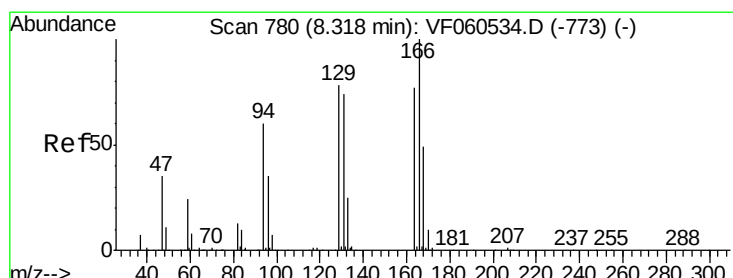
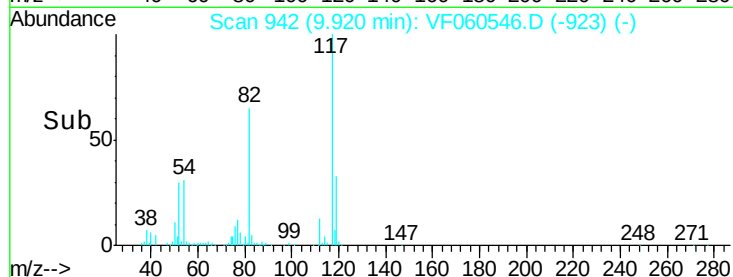
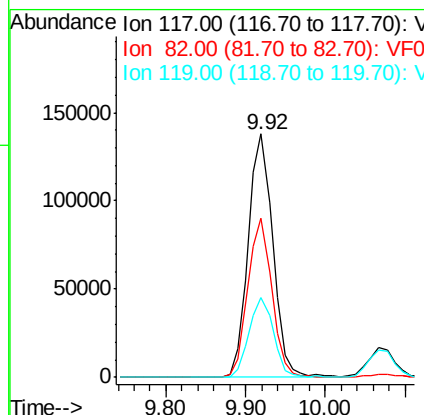
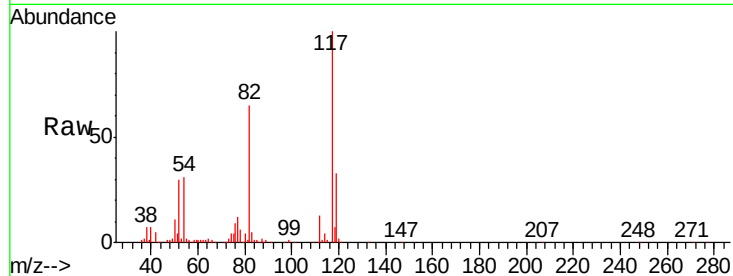
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 942
Delta R.T. -0.01 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Instrument :
MSVOA_F
ClientSampleId :
VF1030SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	293487		
82	65.5	47.6	71.4	
119	32.7	27.3	40.9	

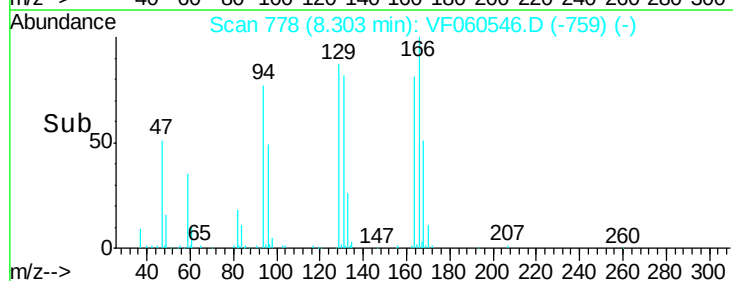
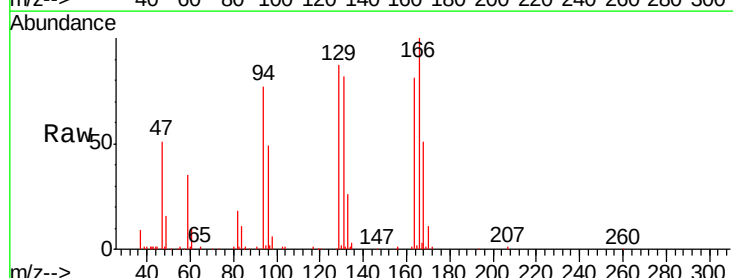
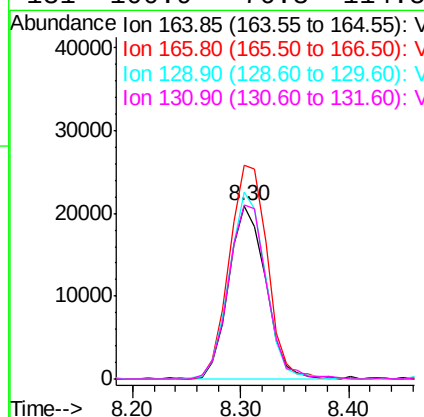
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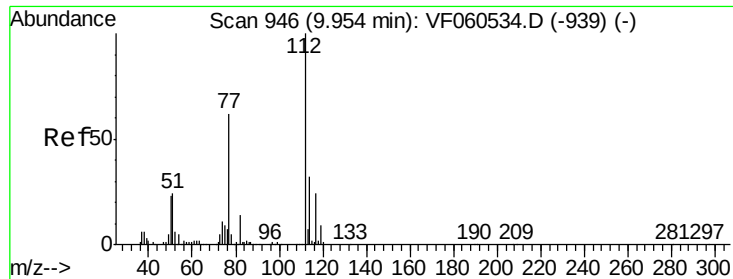
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#64
Tetrachloroethene
Concen: 20.00 ug/l
RT: 8.30 min Scan# 778
Delta R.T. -0.01 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	49625		
166	123.5	103.4	155.2	
129	108.0	80.7	121.1	
131	100.9	76.3	114.5	





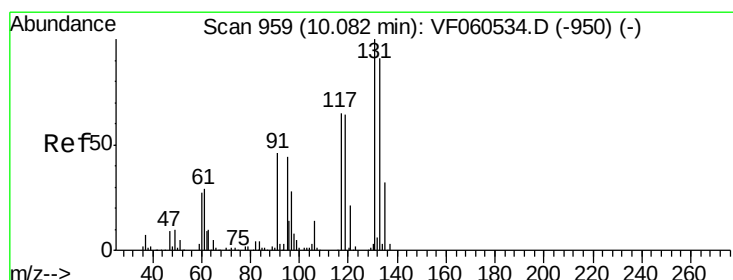
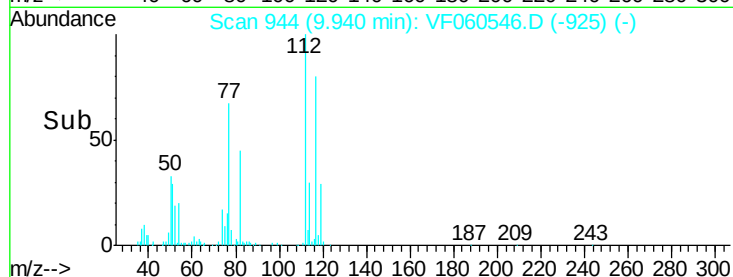
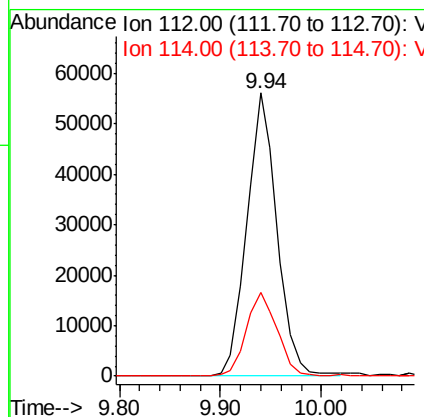
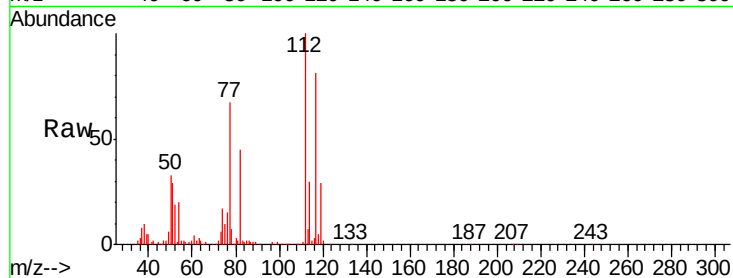
#65
Chlorobenzene
Concen: 19.78 ug/l
RT: 9.94 min Scan# 944
Delta R.T. -0.01 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Instrument :
MSVOA_F
ClientSampleId :
VF1030SBS01

Tgt Ion:112 Resp: 116803
Ion Ratio Lower Upper
112 100
114 29.7 25.5 38.3

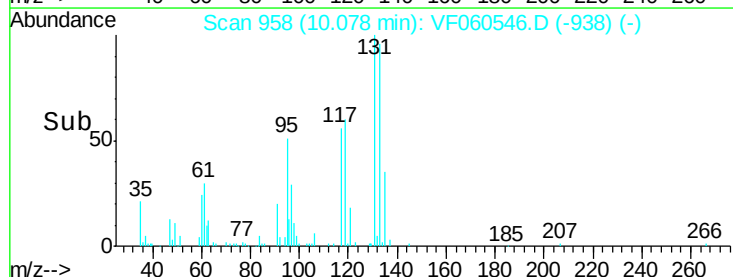
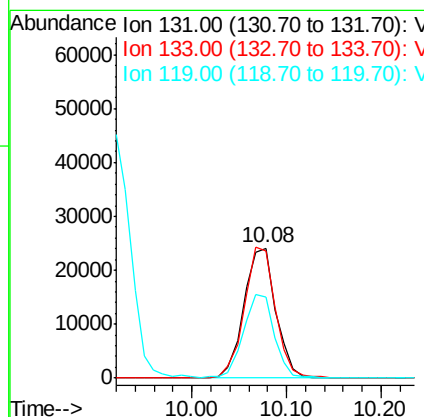
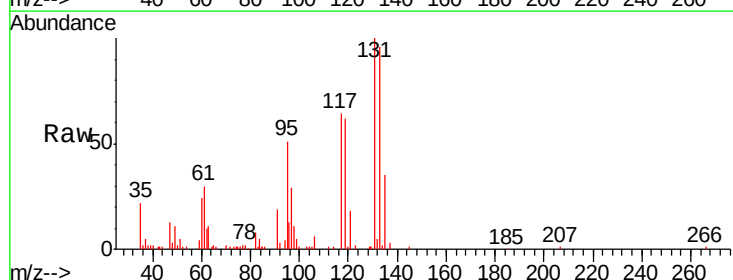
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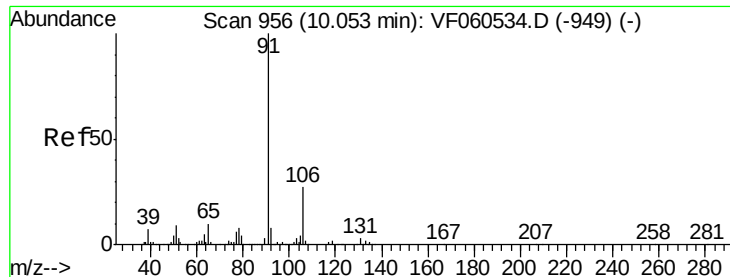
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.01 ug/l
RT: 10.08 min Scan# 958
Delta R.T. -0.00 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Tgt Ion:131 Resp: 56544
Ion Ratio Lower Upper
131 100
133 98.0 45.8 137.3
119 62.3 32.4 97.0





#67

Ethyl Benzene

Concen: 21.39 ug/l

RT: 10.04 min Scan# 954

Delta R.T. -0.01 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

ClientSampleId :

VF1030SBS01

Tgt Ion: 91 Resp: 241344

Ion Ratio Lower Upper

91 100

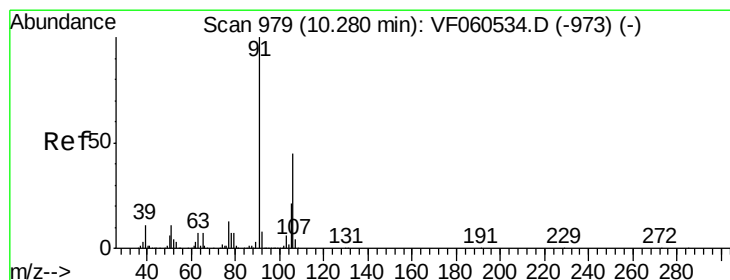
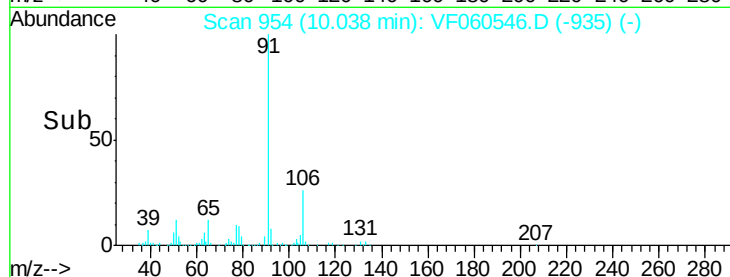
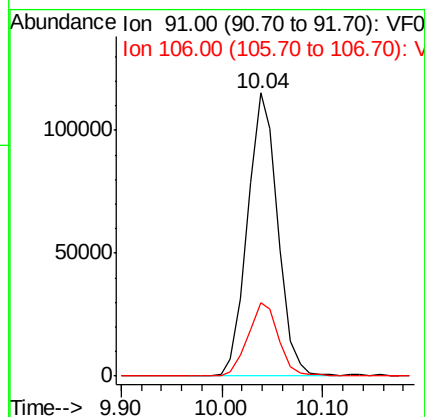
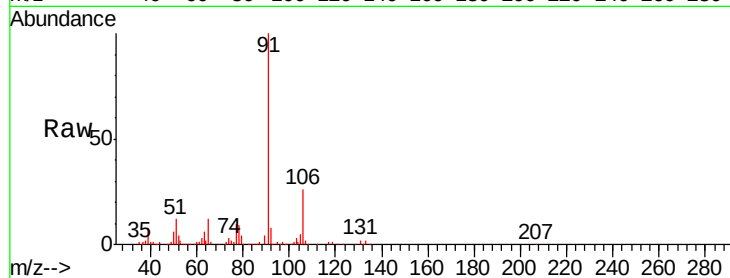
106 26.0 21.9 32.9

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#68

m/p-Xylenes

Concen: 39.34 ug/l

RT: 10.26 min Scan# 977

Delta R.T. -0.01 min

Lab File: VF060546.D

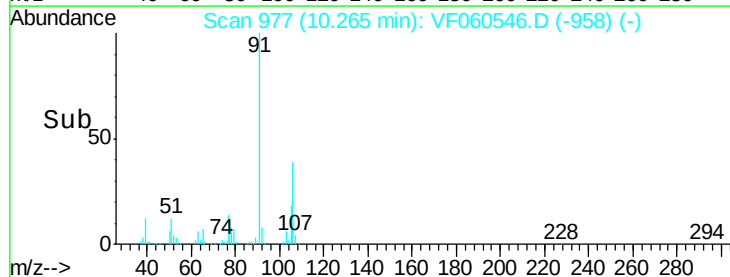
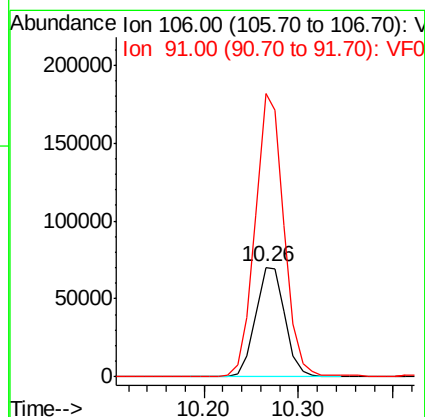
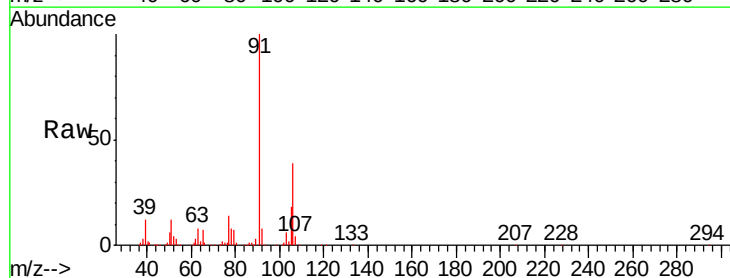
Acq: 30 Oct 2018 15:51

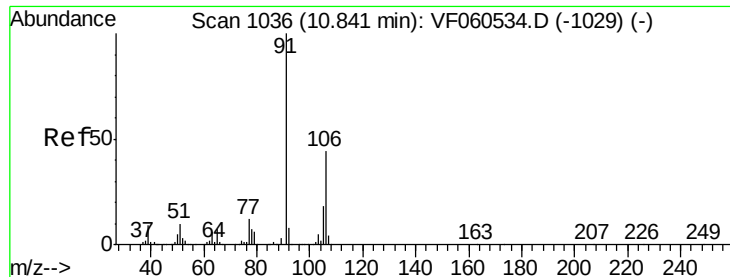
Tgt Ion: 106 Resp: 151576

Ion Ratio Lower Upper

106 100

91 258.2 176.2 264.2





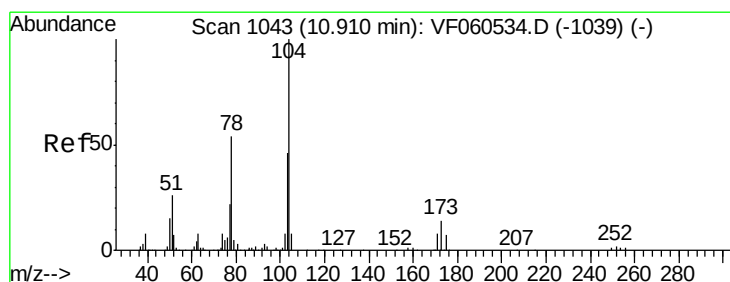
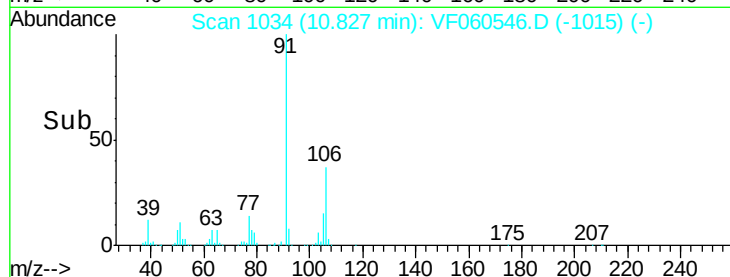
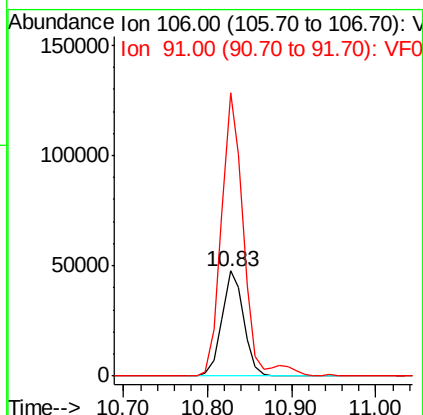
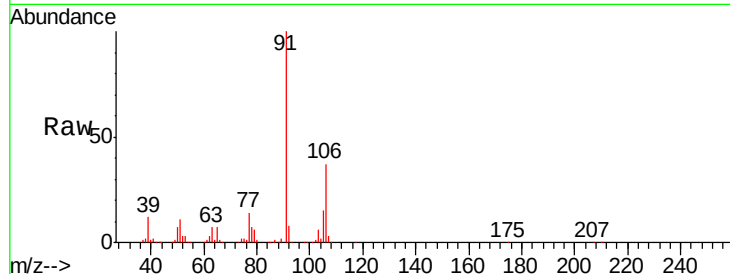
#69
o-Xylene
Concen: 19.78 ug/l
RT: 10.83 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Instrument :
MSVOA_F
ClientSampleId :
VF1030SBS01

Tgt Ion:106 Resp: 85829
Ion Ratio Lower Upper
106 100
91 269.9 112.9 338.8

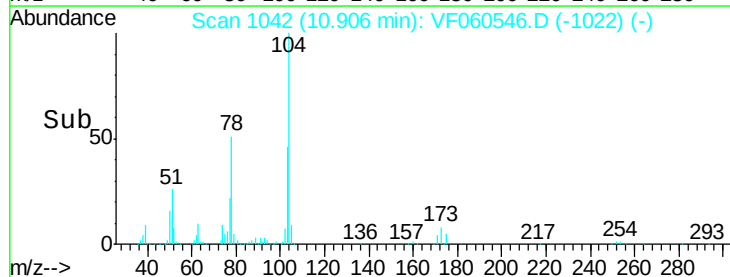
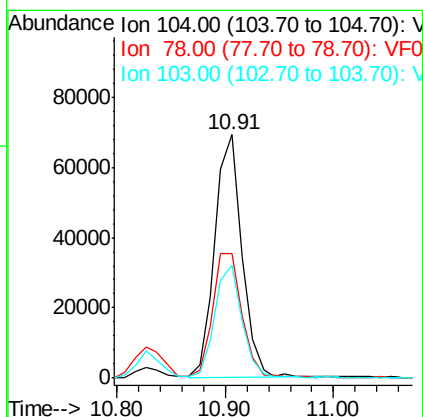
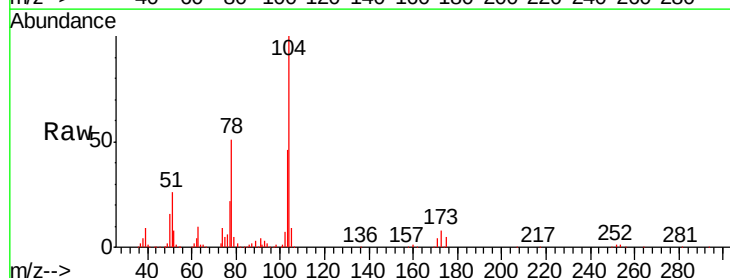
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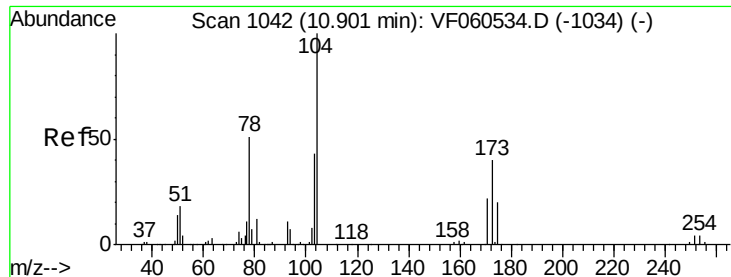
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#70
Styrene
Concen: 19.74 ug/l
RT: 10.91 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Tgt Ion:104 Resp: 120752
Ion Ratio Lower Upper
104 100
78 51.3 43.4 65.2
103 46.3 36.9 55.3





#71

Bromoform

Concen: 20.51 ug/l

RT: 10.89 min Scan# 1040

Delta R.T. -0.01 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

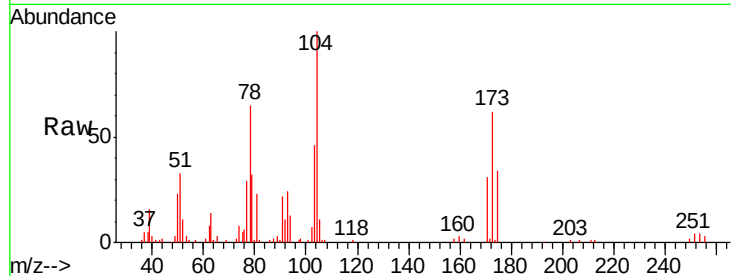
ClientSampleId :

VF1030SBS01

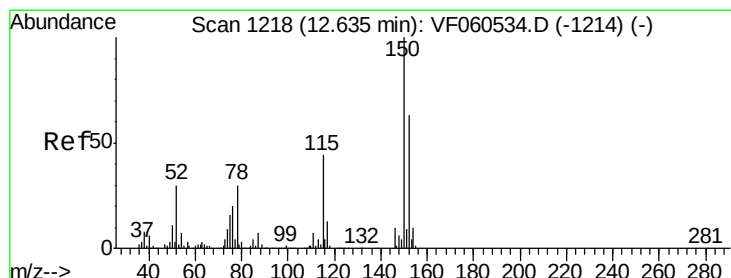
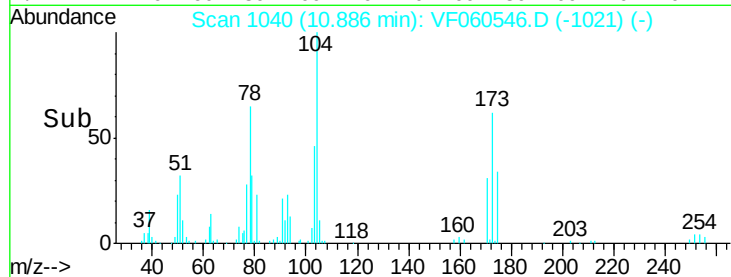
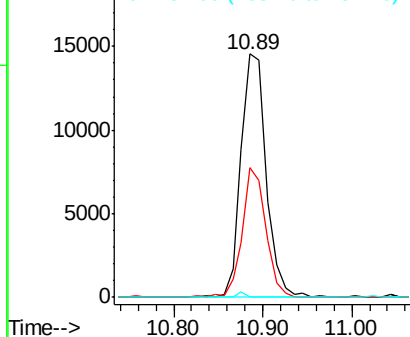
Tgt Ion	Ratio	Lower	Upper
173	100		
175	53.2	25.7	77.0
254	0.0	7.8	11.6

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Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

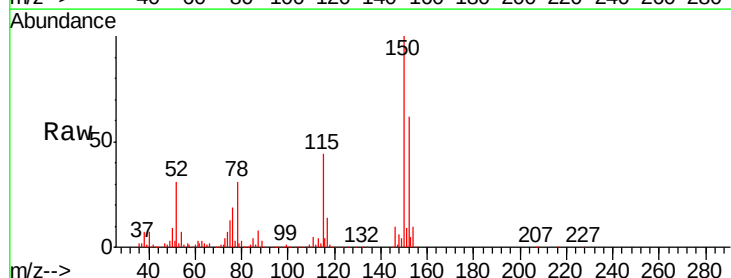
RT: 12.63 min Scan# 1217

Delta R.T. -0.00 min

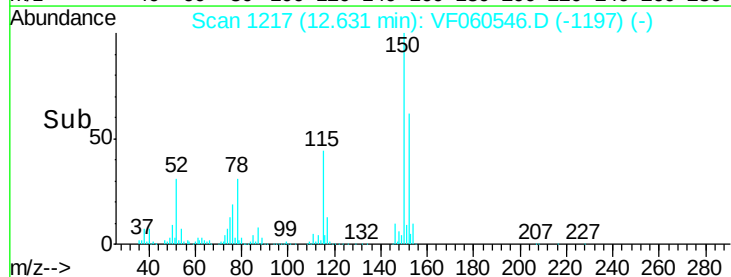
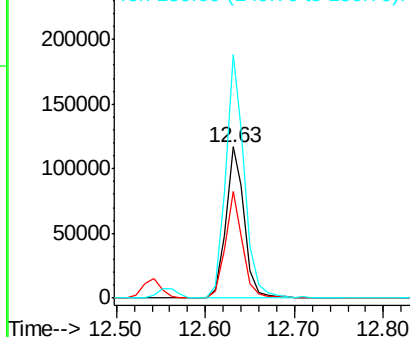
Lab File: VF060546.D

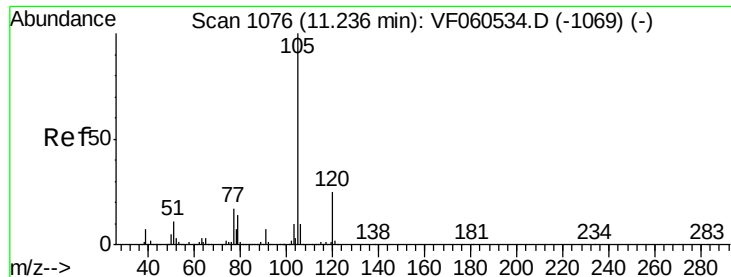
Acq: 30 Oct 2018 15:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	70.5	34.7	104.1
150	160.9	0.0	318.4



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 20.81 ug/l

RT: 11.23 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

ClientSampleId :

VF1030SBS01

Tgt Ion: 105 Resp: 273502

Ion Ratio Lower Upper

105 100

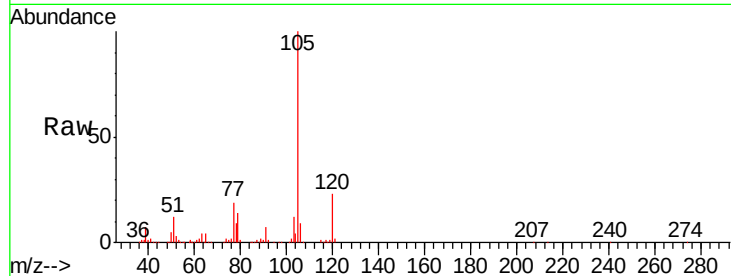
120 22.6 12.3 36.8

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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

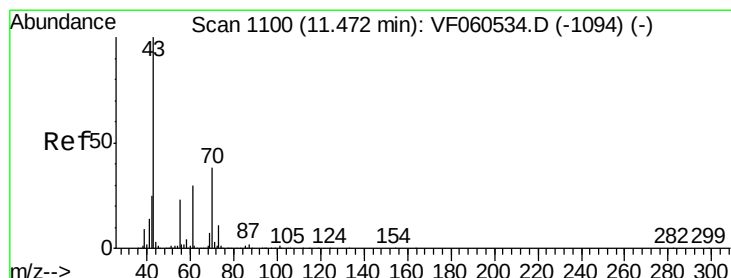
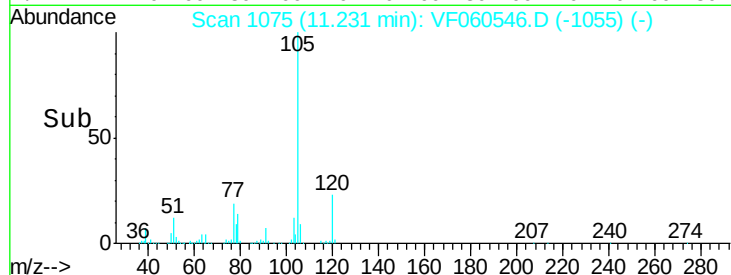
150000

100000

50000

0

Time--> 11.10 11.20 11.30 11.40



#74

N-ethyl acetate

Concen: 20.13 ug/l

RT: 11.47 min Scan# 1099

Delta R.T. -0.00 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Tgt Ion: 43 Resp: 52969

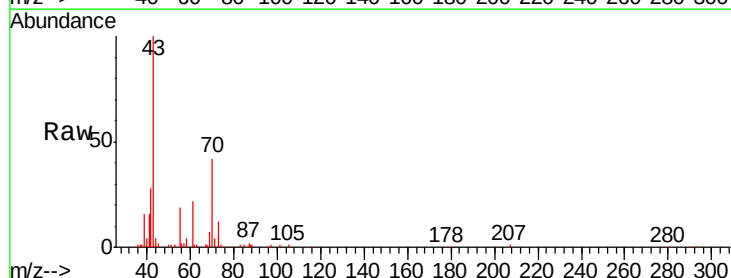
Ion Ratio Lower Upper

43 100

70 42.5 30.8 46.2

55 19.1 18.2 27.4

61 21.9 23.8 35.8#



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

11.47

40000

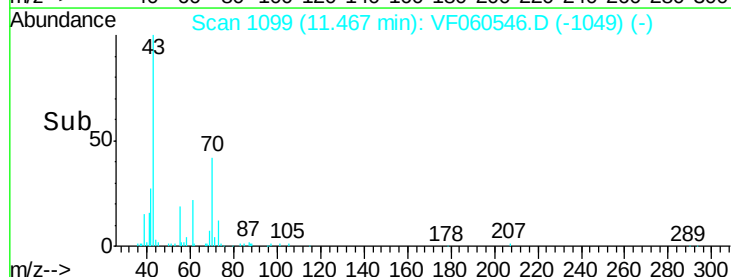
30000

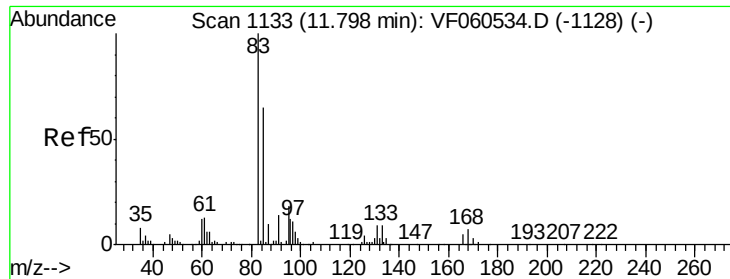
20000

10000

0

Time--> 11.40 11.50 11.60





#75

1,1,2,2-Tetrachloroethane

Concen: 17.92 ug/l

RT: 11.78 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

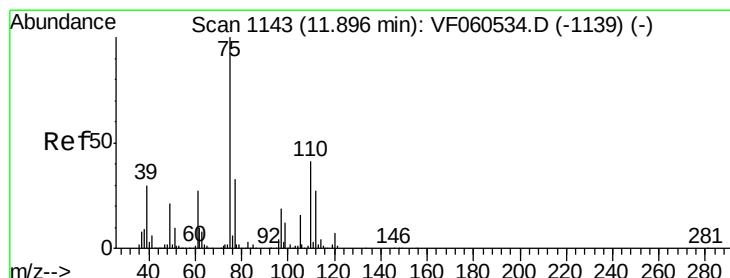
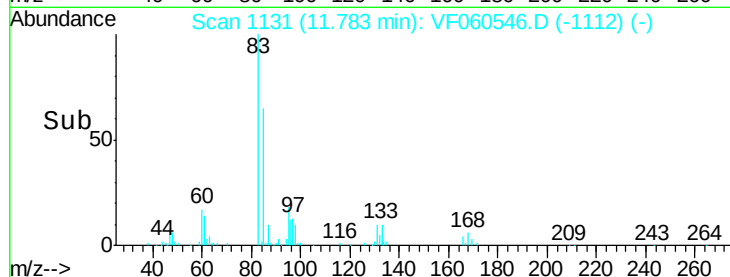
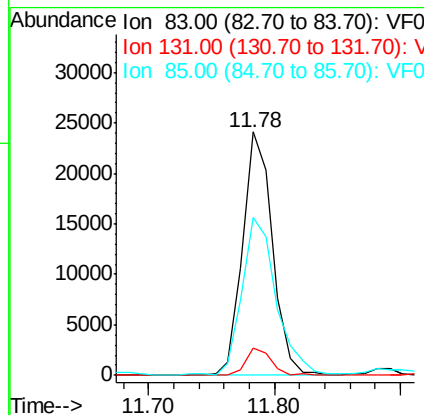
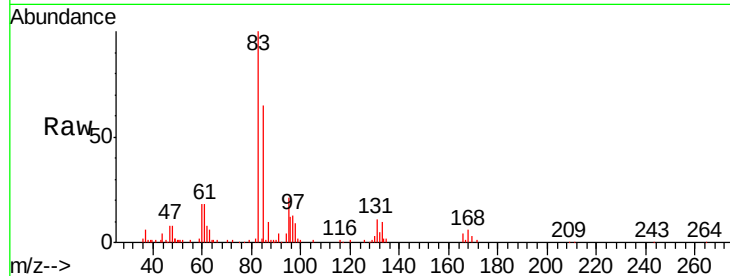
ClientSampleId :

VF1030SBS01

Tgt Ion:	83	Resp:	39298
Ion Ratio	Lower	Upper	
83	100		
131	11.3	4.7	14.0
85	64.7	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 21.10 ug/l

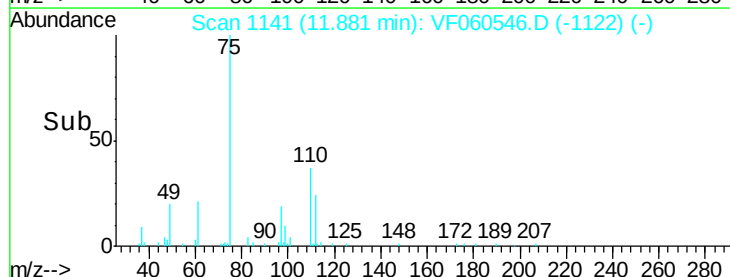
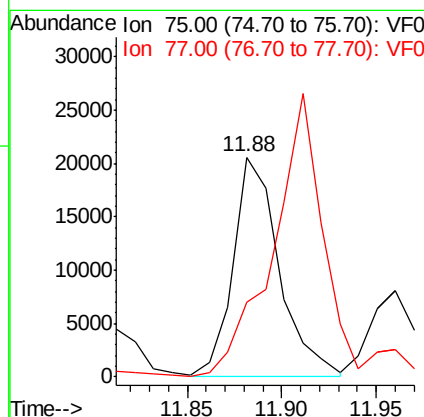
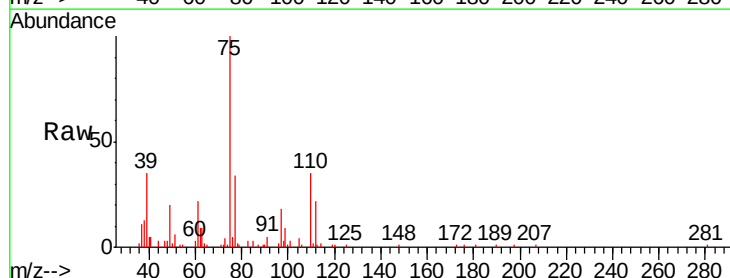
RT: 11.88 min Scan# 1141

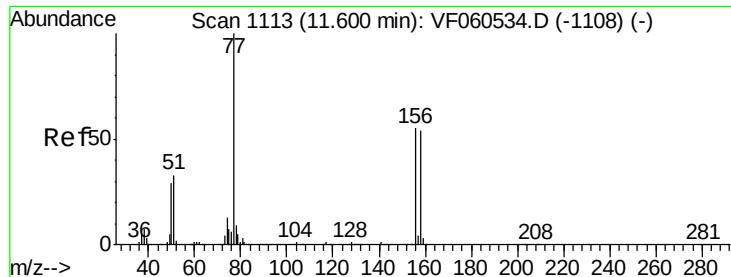
Delta R.T. -0.01 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Tgt Ion:	75	Resp:	34799
Ion Ratio	Lower	Upper	
75	100		
77	33.8	16.7	50.1





#77

Bromobenzene

Concen: 19.69 ug/l

RT: 11.60 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

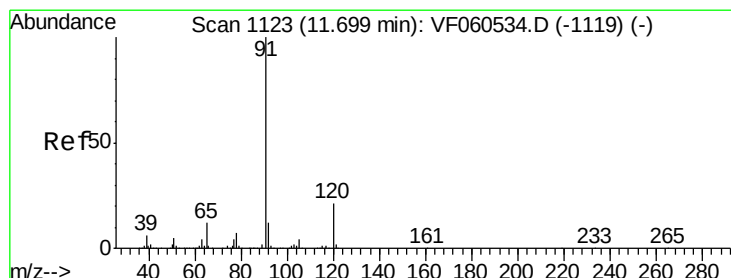
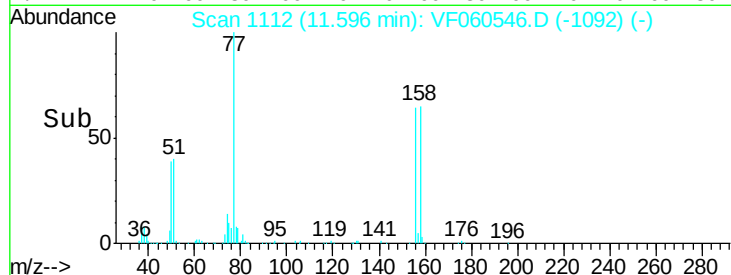
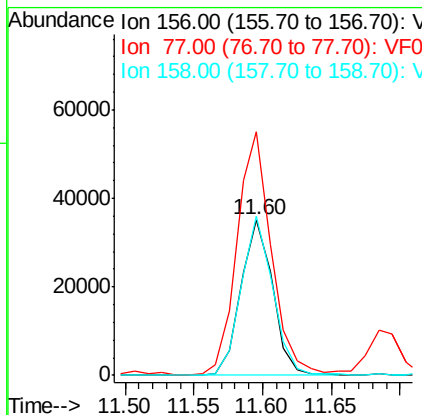
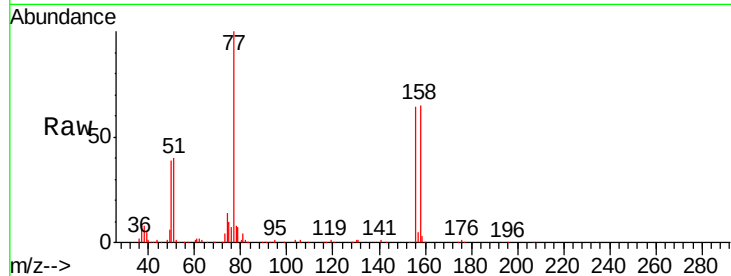
ClientSampleId :

VF1030SBS01

Tgt	Ion	Ratio	Lower	Upper
156	100			
77	156.2	91.3	274.1	
158	101.7	49.3	147.9	

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#78

n-propylbenzene

Concen: 21.39 ug/l

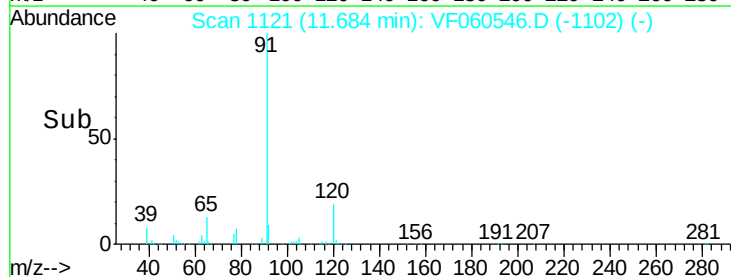
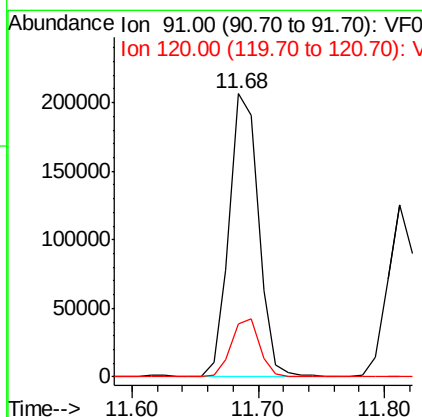
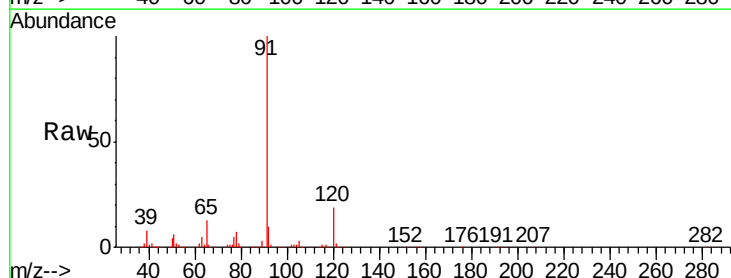
RT: 11.68 min Scan# 1121

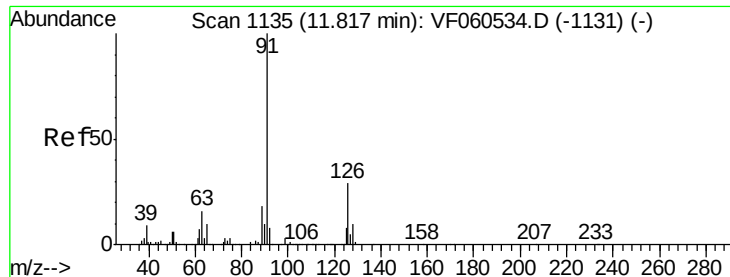
Delta R.T. -0.01 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Tgt	Ion	Ratio	Lower	Upper
91	100			
120	18.6	10.7	32.1	





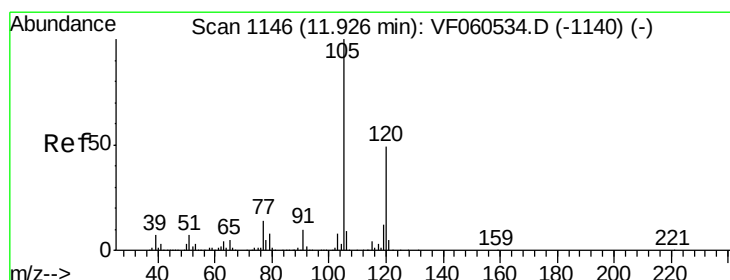
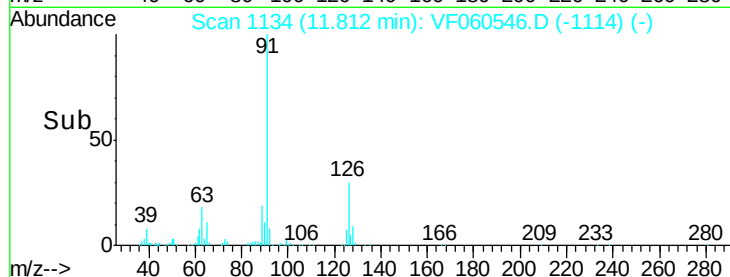
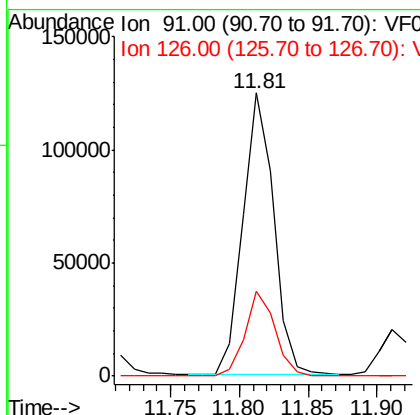
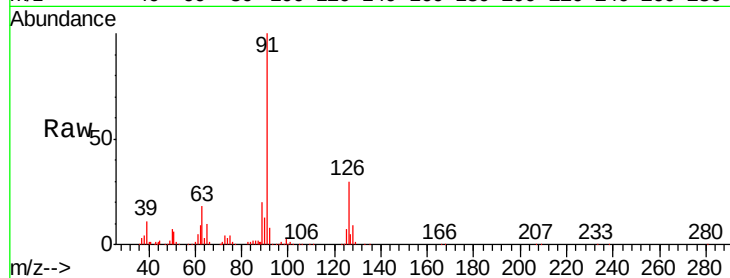
#79
 2-Chlorotoluene
 Concen: 20.92 ug/l
 RT: 11.81 min Scan# 1134
 Delta R.T. -0.00 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1030SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.2	42.8

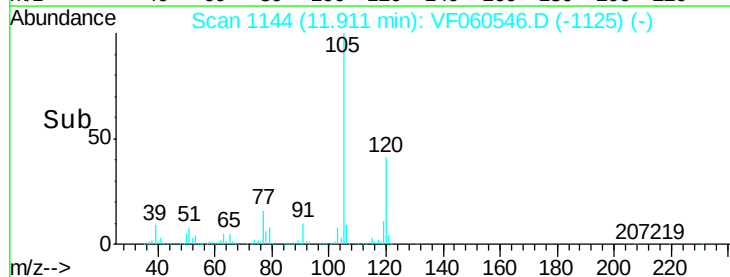
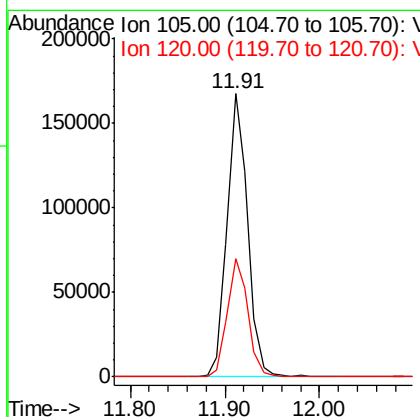
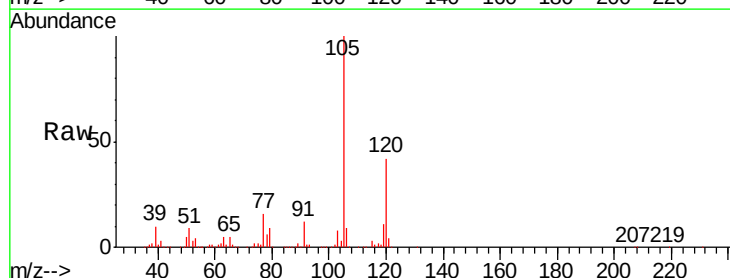
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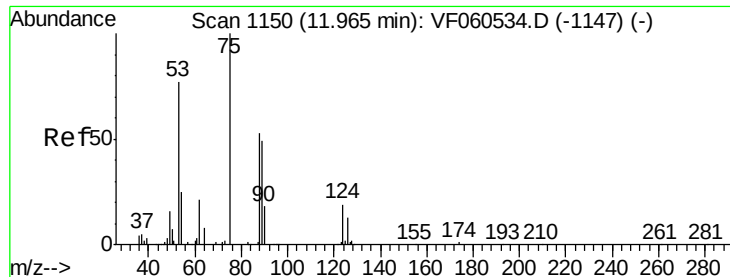
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.13 ug/l
 RT: 11.91 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	41.6	24.3	73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.47 ug/l m

RT: 11.96 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

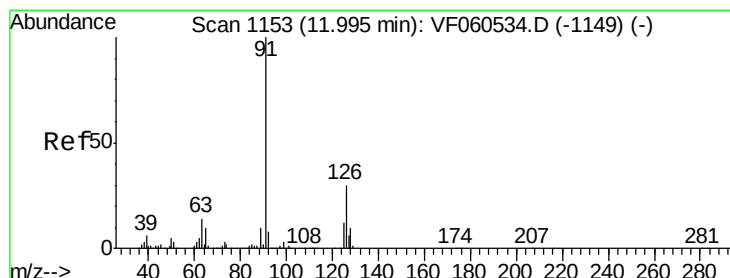
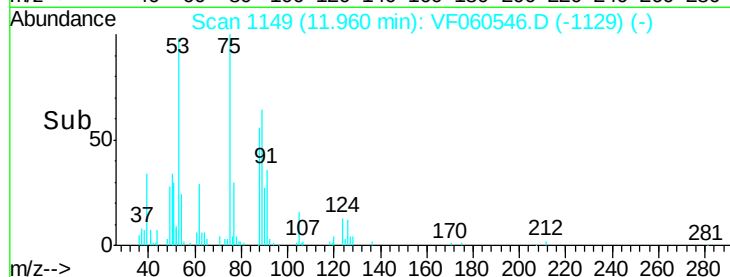
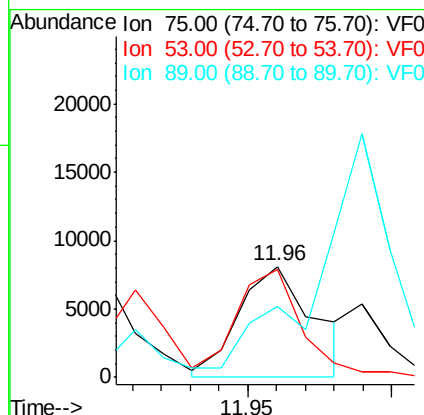
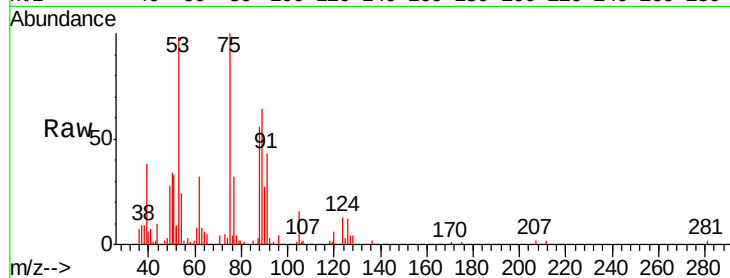
ClientSampleId :

VF1030SBS01

Tgt Ion:	75	Resp:	14747
Ion Ratio	Lower	Upper	
75	100		
53	97.8	65.8	98.6
89	63.8	44.0	66.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.82 ug/l

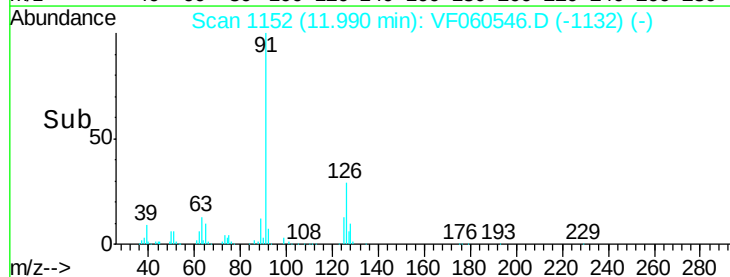
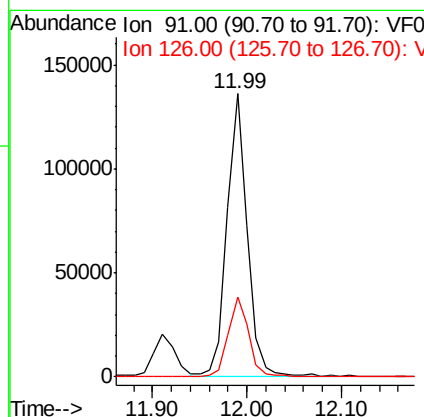
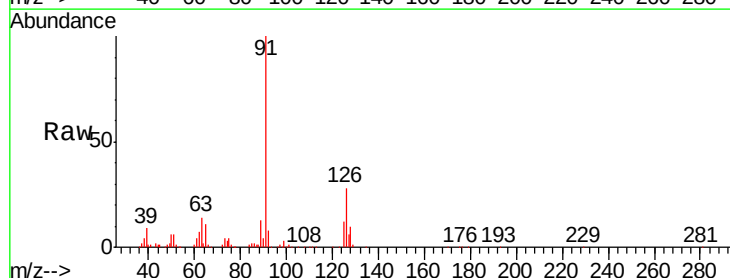
RT: 11.99 min Scan# 1152

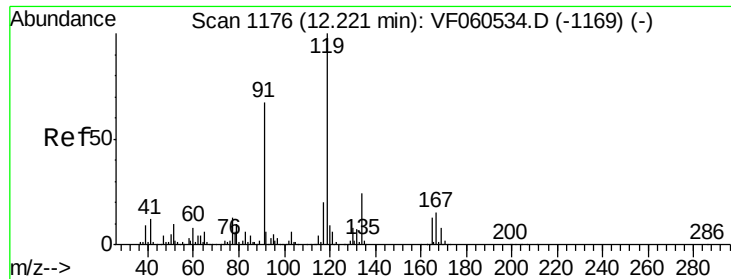
Delta R.T. -0.00 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Tgt Ion:	91	Resp:	201340
Ion Ratio	Lower	Upper	
91	100		
126	28.4	15.1	45.3





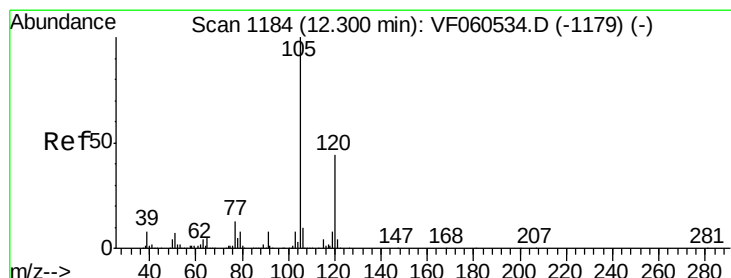
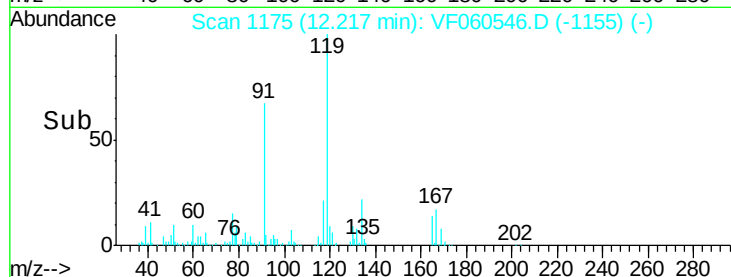
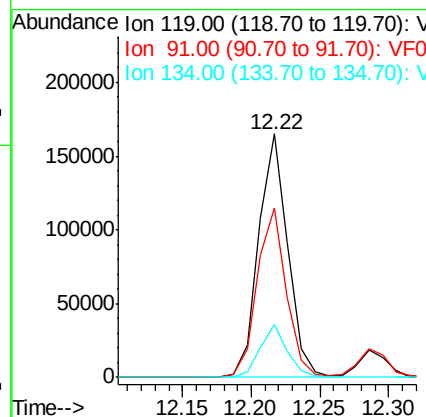
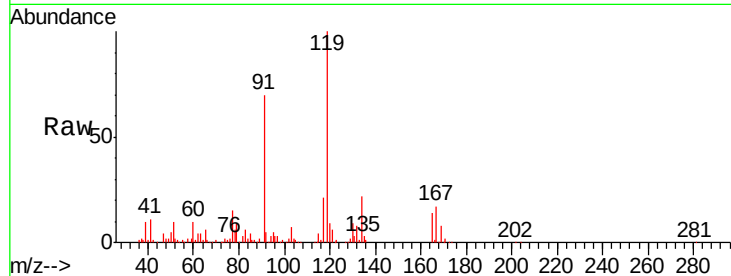
#83
 tert-Butylbenzene
 Concen: 22.31 ug/l
 RT: 12.22 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1030SBSD01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	69.8	33.6	100.8
134	21.6	12.0	36.0

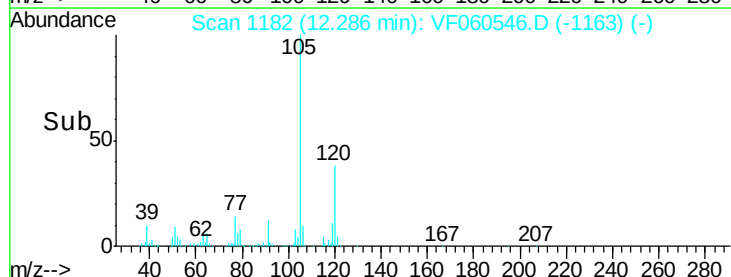
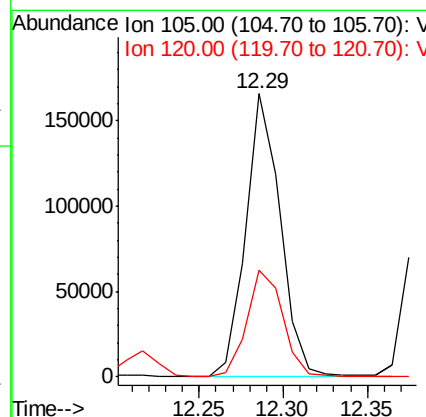
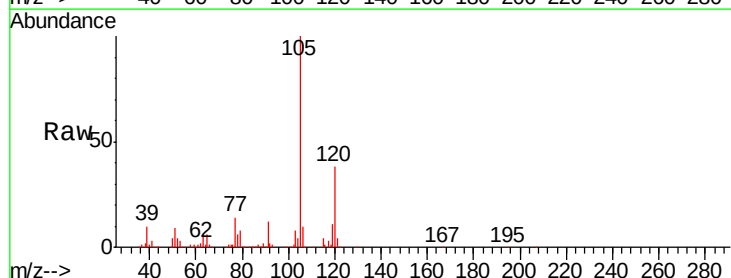
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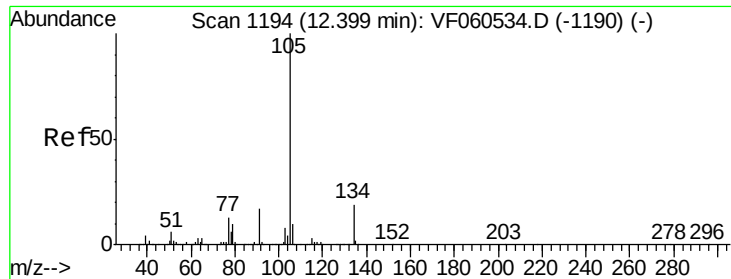
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.46 ug/l
 RT: 12.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	37.7	22.0	66.0





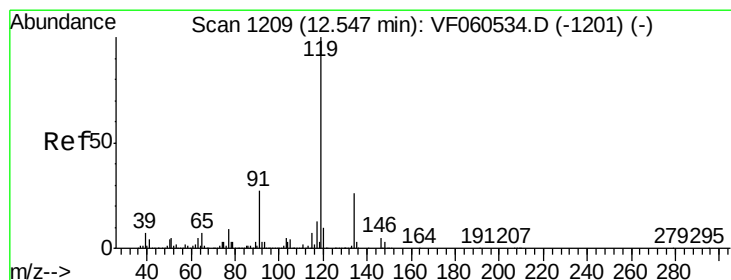
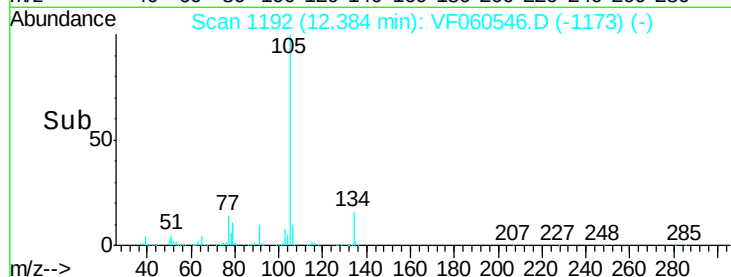
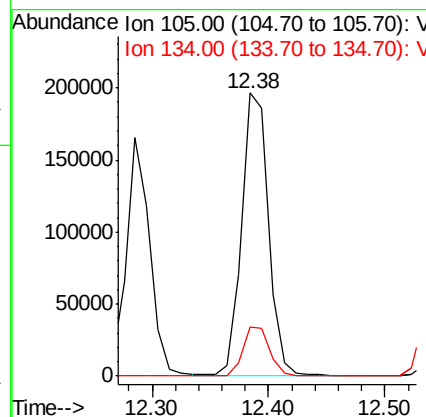
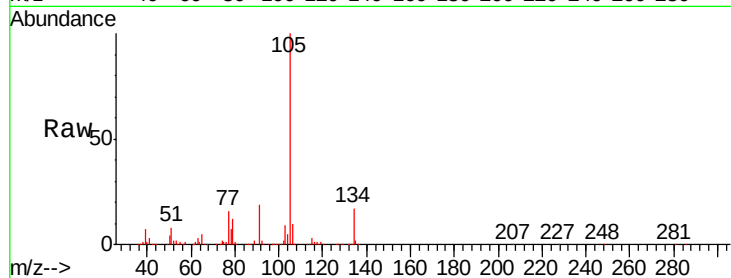
#85
 sec-Butylbenzene
 Concen: 20.33 ug/l
 RT: 12.38 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1030SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	313549		
134	17.4	9.6	28.6	

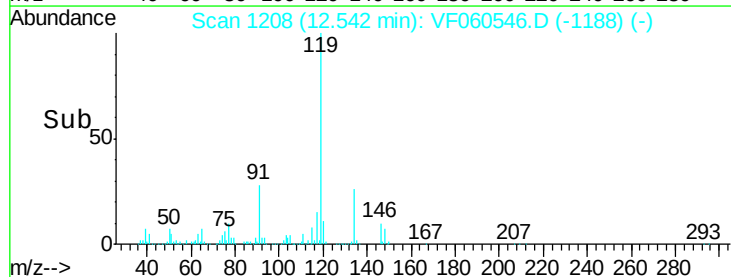
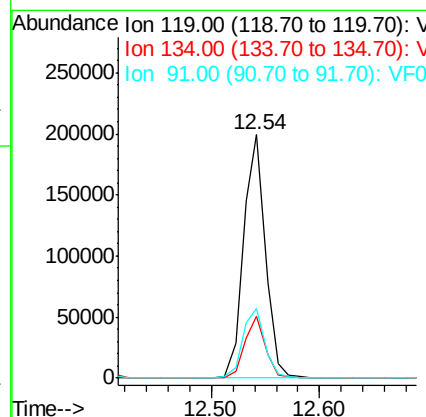
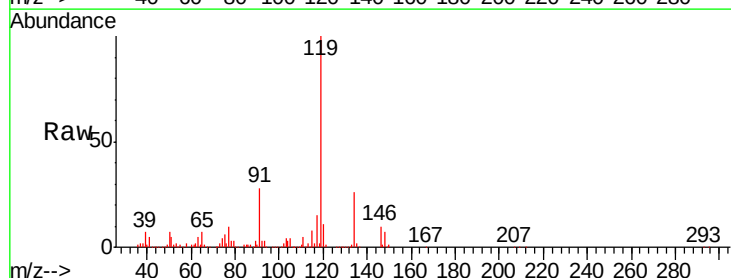
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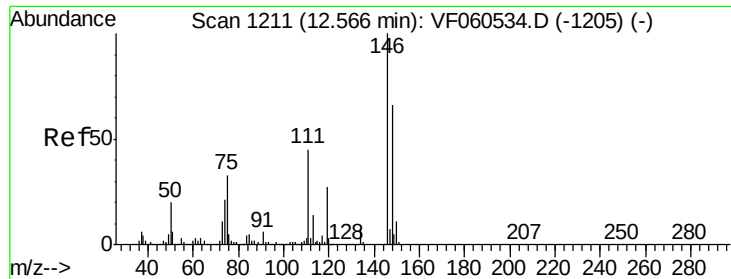
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#86
 p-Isopropyltoluene
 Concen: 22.00 ug/l
 RT: 12.54 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	278451		
134	25.6	13.1	39.1	
91	28.3	13.5	40.4	





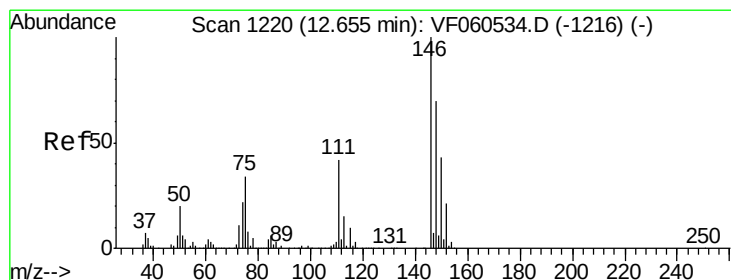
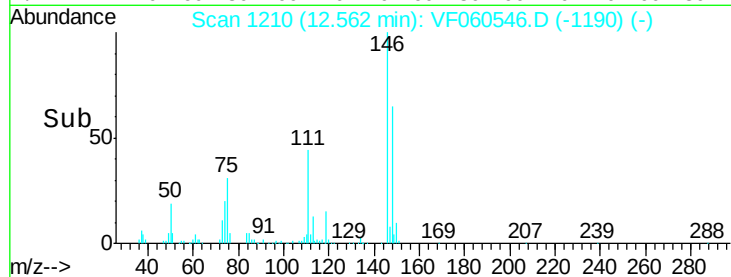
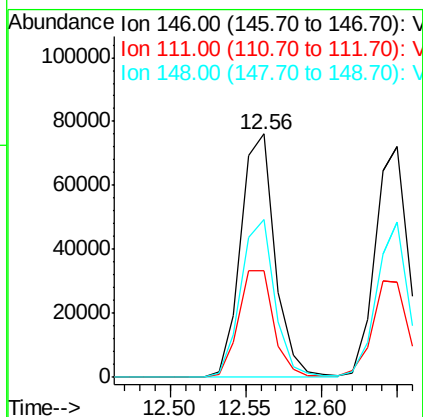
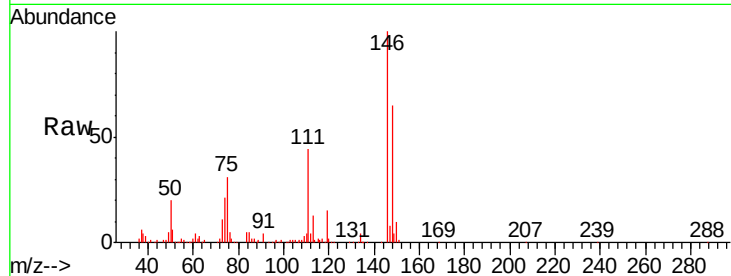
#87
 1,3-Dichlorobenzene
 Concen: 20.85 ug/l
 RT: 12.56 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1030SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.6	67.7
148	65.1	33.1	99.3

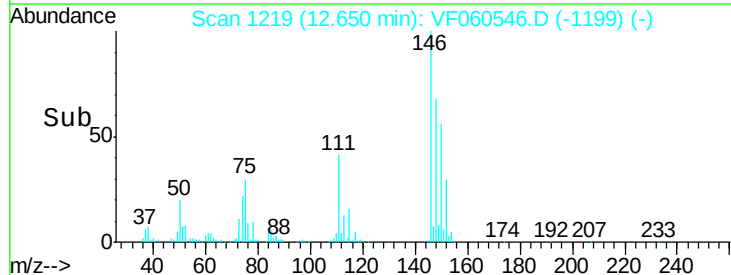
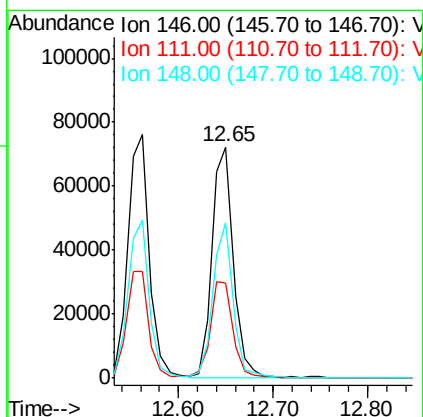
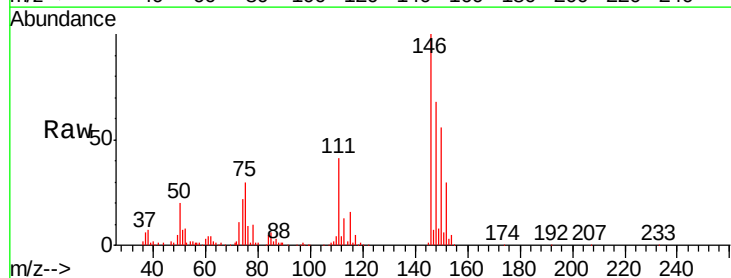
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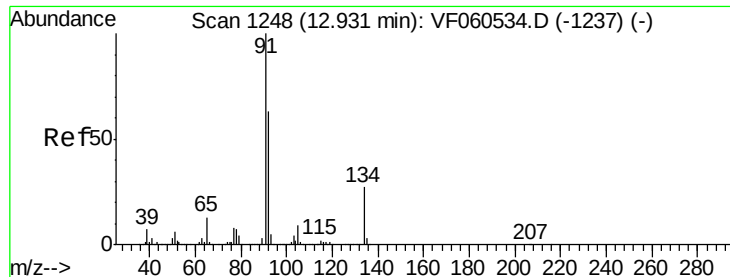
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#88
 1,4-Dichlorobenzene
 Concen: 20.97 ug/l
 RT: 12.65 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.2	63.6
148	67.5	35.1	105.5





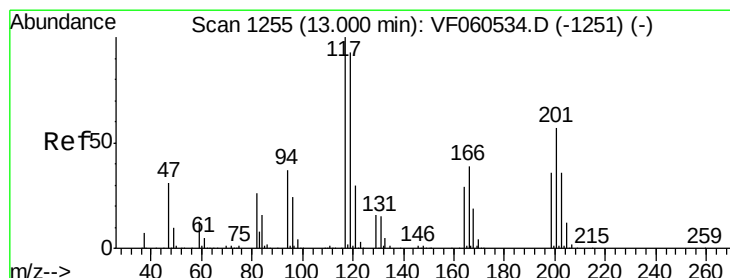
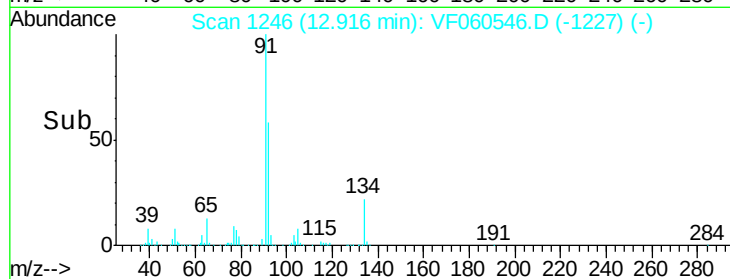
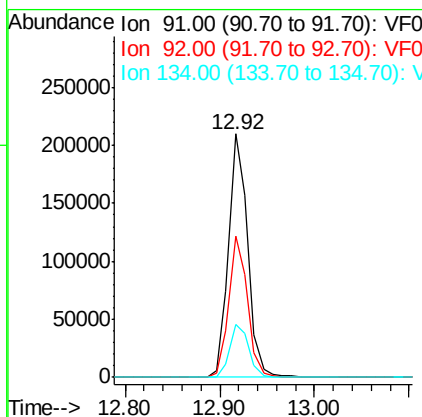
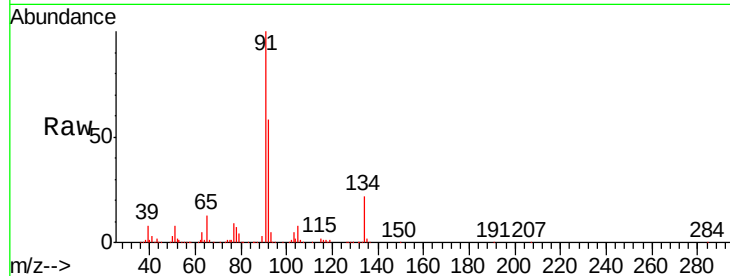
#89
n-Butylbenzene
Concen: 21.29 ug/l
RT: 12.92 min Scan# 1246
Delta R.T. -0.01 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Instrument :
MSVOA_F
ClientSampleId :
VF1030SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.8	31.3	93.9
134	22.0	13.3	39.8

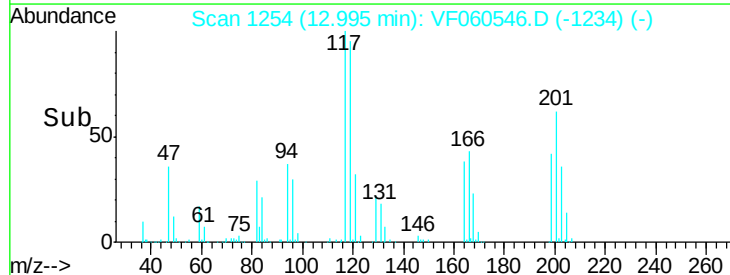
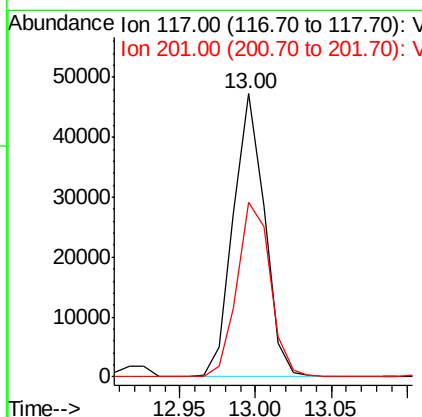
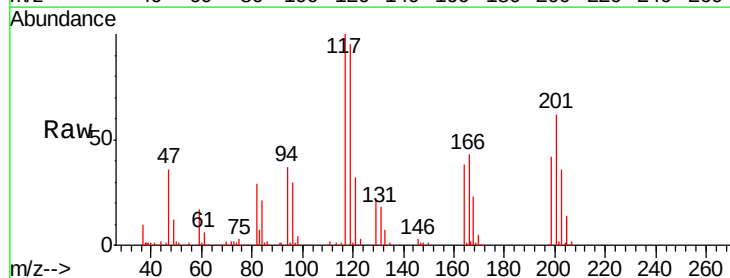
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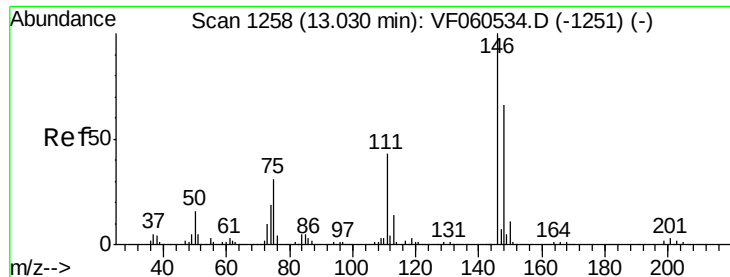
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#90
Hexachloroethane
Concen: 20.76 ug/l
RT: 13.00 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	61.9	28.2	84.7





#91

1,2-Dichlorobenzene

Concen: 20.68 ug/l

RT: 13.02 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Instrument :

MSVOA_F

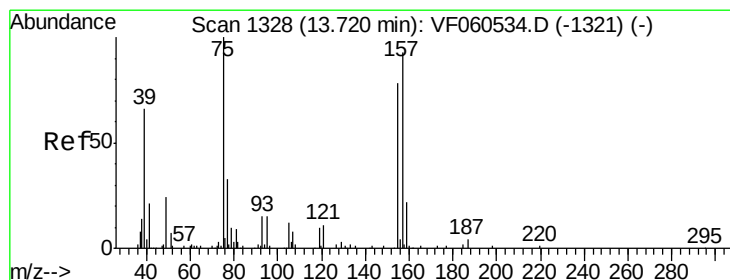
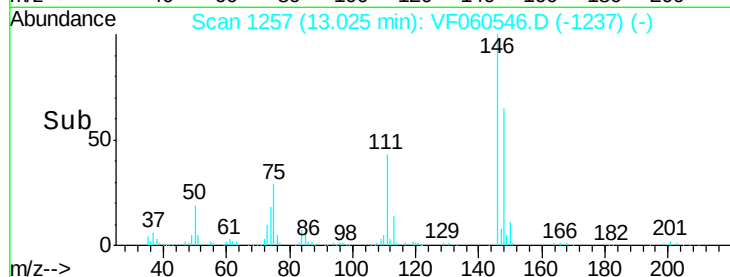
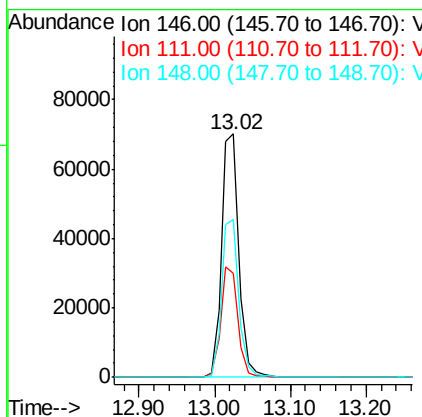
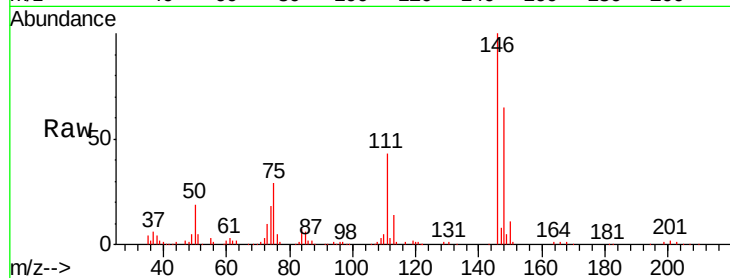
ClientSampleId :

VF1030SBS01

Tgt Ion:	146	Resp:	112442
Ion Ratio	Lower	Upper	
146	100		
111	42.9	21.5	64.5
148	65.1	33.1	99.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.88 ug/l

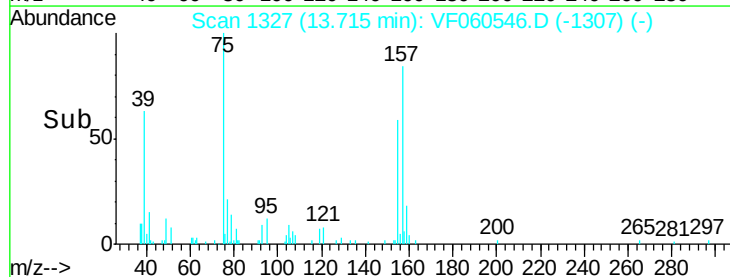
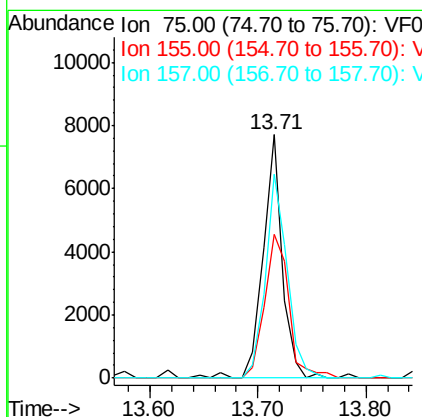
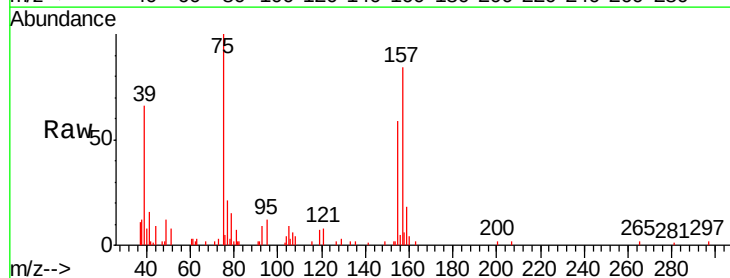
RT: 13.71 min Scan# 1327

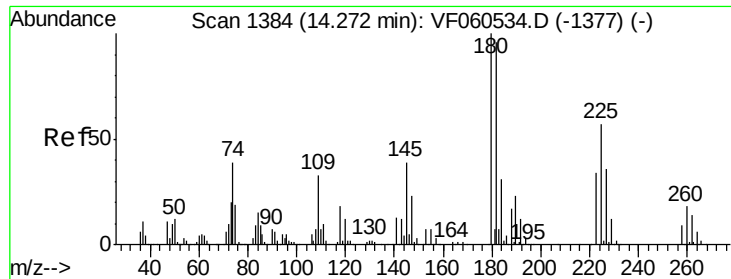
Delta R.T. -0.00 min

Lab File: VF060546.D

Acq: 30 Oct 2018 15:51

Tgt Ion:	75	Resp:	9495
Ion Ratio	Lower	Upper	
75	100		
155	59.2	40.8	122.5
157	83.9	46.5	139.5





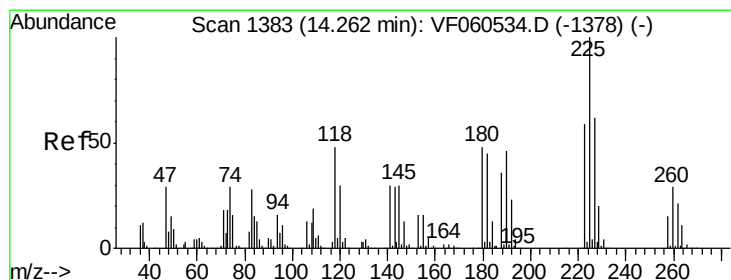
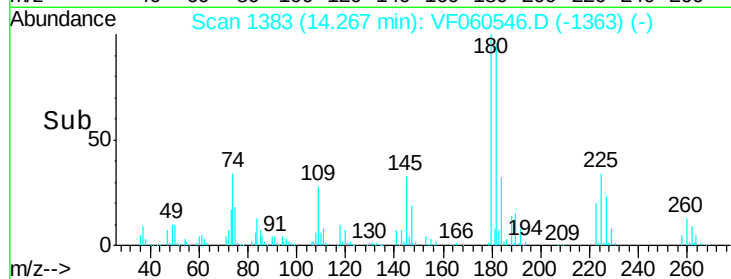
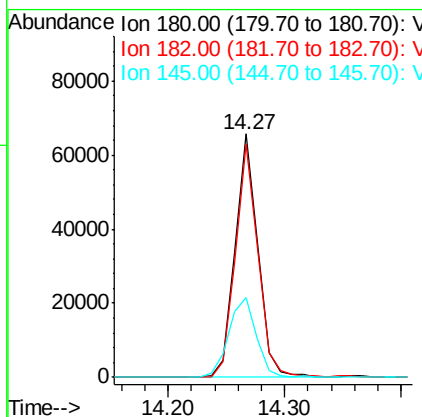
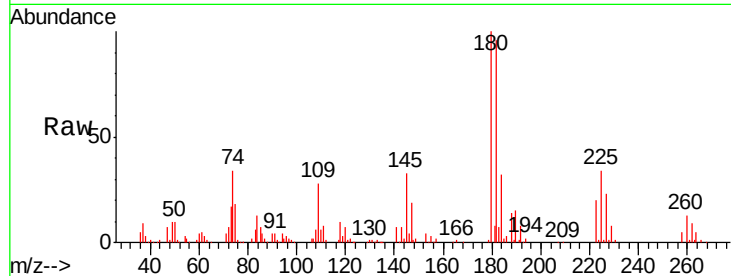
#93
 1,2,4-Trichlorobenzene
 Concen: 21.95 ug/l
 RT: 14.27 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1030SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.1	144.3
145	32.8	19.5	58.5

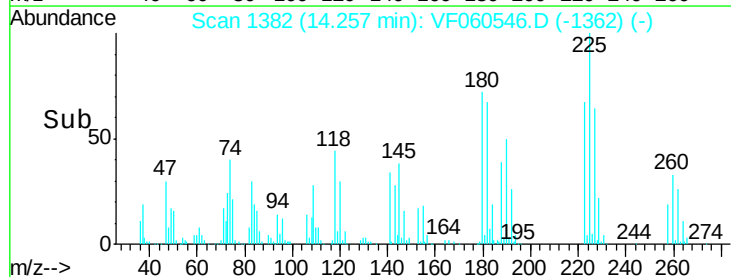
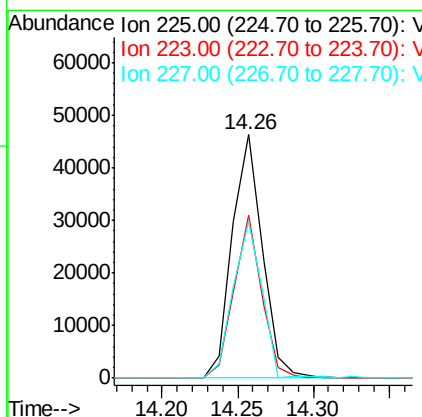
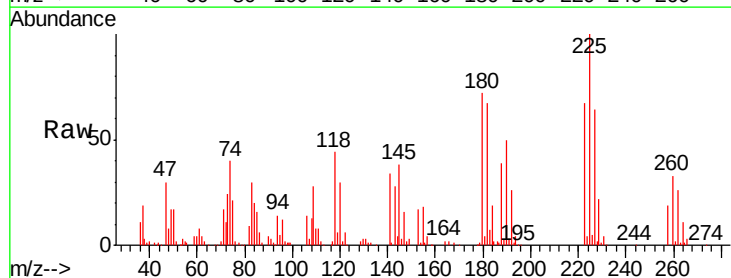
Manual Integrations
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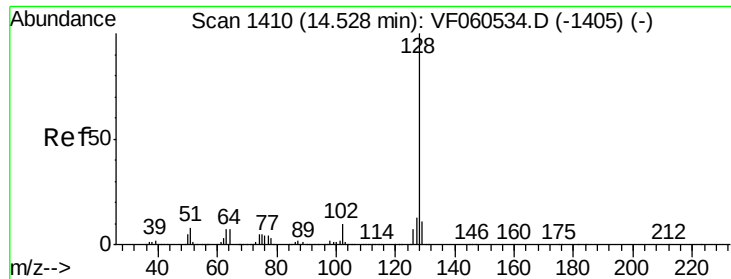
apatel
 10/31/2018 10:29:17 AM



#94
 Hexachlorobutadiene
 Concen: 22.13 ug/l
 RT: 14.26 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VF060546.D
 Acq: 30 Oct 2018 15:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.9	29.5	88.5
227	64.4	31.3	93.8





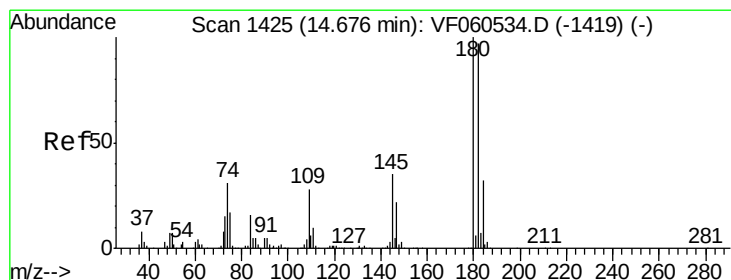
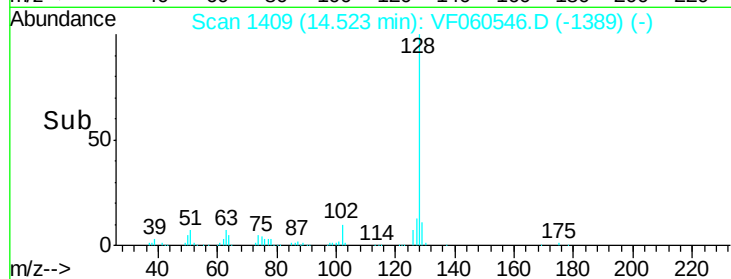
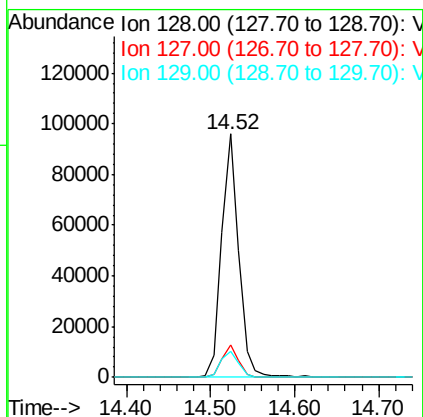
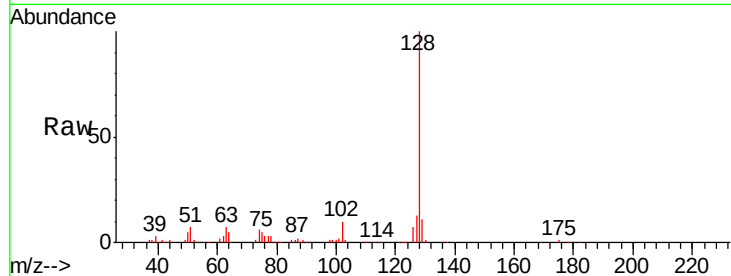
#95
Naphthalene
Concen: 18.88 ug/l
RT: 14.52 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Instrument :
MSVOA_F
ClientSampleId :
VF1030SBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.1	15.1
129	10.7	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.44 ug/l
RT: 14.67 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VF060546.D
Acq: 30 Oct 2018 15:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.7	146.1
145	28.0	17.3	52.0

