

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010319\
 Data File : VF061270.D
 Acq On : 3 Jan 2019 17:40
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVV010319

Manual Integrations
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 1/4/2019 2:13:03 PM

Quant Time: Jan 04 03:43:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010319S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 03:27:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	227635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	371539	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	345106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	165959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	126168	43.66	ug/l	0.00
Spiked Amount 50.000			Recovery =	87.32%		
35) Dibromofluoromethane	4.11	113	144323	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.98%		
50) Toluene-d8	7.56	98	435830	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.76%		
62) 4-Bromofluorobenzene	11.41	95	175867	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.58%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	0.96	85	196189	44.887	ug/l	98
3) Chloromethane	1.11	50	148553	44.366	ug/l	98
4) Vinyl Chloride	1.14	62	133563	46.052	ug/l	96
5) Bromomethane	1.33	94	98124	49.486	ug/l	99
6) Chloroethane	1.39	64	66213	50.376	ug/l	96
7) Trichlorofluoromethane	1.49	101	245007	46.944	ug/l	98
8) Diethyl Ether	1.64	74	36940	49.612	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	1.84	101	126147	48.378	ug/l	97
10) Methyl Iodide	1.91	142	209609m	49.753	ug/l	
11) Tert butyl alcohol	2.58	59	30301	248.513	ug/l #	90
12) 1,1-Dichloroethene	1.80	96	104838	47.830	ug/l	96
13) Acrolein	2.00	56	23494	235.921	ug/l	99
14) Allyl chloride	2.09	41	140837	46.477	ug/l	96
15) Acrylonitrile	2.94	53	79449	243.732	ug/l	95
16) Acetone	2.24	43	119300	236.601	ug/l	96
17) Carbon Disulfide	1.84	76	327384	49.051	ug/l	99
18) Methyl Acetate	2.35	43	53439	47.710	ug/l	95
19) Methyl tert-butyl Ether	2.43	73	210161	45.998	ug/l	96
20) Methylene Chloride	2.26	84	106508m	48.136	ug/l	
21) trans-1,2-Dichloroethene	2.31	96	108239	46.951	ug/l	99
22) Diisopropyl ether	2.80	45	378255	49.643	ug/l	98
23) Vinyl Acetate	3.19	43	937939	268.792	ug/l	99
24) 1,1-Dichloroethane	2.87	63	213390	47.767	ug/l	98
25) 2-Butanone	4.33	43	245840	255.891	ug/l #	91
26) 2,2-Dichloropropane	3.60	77	116057	45.113	ug/l	100
27) cis-1,2-Dichloroethene	3.48	96	165227	48.774	ug/l	96
28) Bromochloromethane	3.72	49	106487	50.353	ug/l	93
29) Tetrahydrofuran	4.07	42	103140	266.809	ug/l	98
30) Chloroform	3.86	83	289021	46.253	ug/l	98
31) Cyclohexane	3.69	56	229545m	48.479	ug/l	
32) 1,1,1-Trichloroethane	4.09	97	168260	41.456	ug/l	96
36) 1,1-Dichloropropene	4.28	75	230763	52.736	ug/l	97
37) Ethyl Acetate	4.11	43	98113	56.157	ug/l #	70
38) Carbon Tetrachloride	4.00	117	165815	47.332	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.46	83	255027	54.522	ug/l	91
40) Benzene	4.64	78	526819	53.049	ug/l	95
41) Methacrylonitrile	4.75	41	46231	51.426	ug/l	90
42) 1,2-Dichloroethane	4.94	62	174311	52.461	ug/l	95
43) Isopropyl Acetate	6.96	43	125257	53.731	ug/l #	100
44) Trichloroethene	5.50	130	154238	49.896	ug/l	98
45) 1,2-Dichloropropane	6.23	63	136531	53.850	ug/l	94
46) Dibromomethane	6.09	93	90614	54.314	ug/l	96
47) Bromodichloromethane	6.39	83	225971	53.210	ug/l	98
48) Methyl methacrylate	6.72	41	84192	55.774	ug/l	98
49) 1,4-Dioxane	6.71	88	11165	1067.458	ug/l	89
51) 4-Methyl-2-Pentanone	8.26	43	421368	289.206	ug/l	99
52) Toluene	7.63	92	328963	50.731	ug/l	100
53) t-1,3-Dichloropropene	8.28	75	172822	49.920	ug/l	99
54) cis-1,3-Dichloropropene	7.30	75	228432	51.915	ug/l	99
55) 1,1,2-Trichloroethane	8.49	97	102800	55.127	ug/l	97
56) Ethyl methacrylate	8.62	69	119214	57.846	ug/l	97
57) 1,3-Dichloropropane	8.86	76	179395	51.177	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.30	63	67061	267.953	ug/l	96
59) 2-Hexanone	9.49	43	284090	242.364	ug/l	97
60) Dibromochloromethane	8.72	129	140026	52.864	ug/l	94
61) 1,2-Dibromoethane	8.99	107	104613	51.980	ug/l	99
64) Tetrachloroethene	8.16	164	134850	50.988	ug/l	98
65) Chlorobenzene	9.80	112	348680	49.687	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.93	131	141155	48.980	ug/l	97
67) Ethyl Benzene	9.90	91	646342	50.104	ug/l	97
68) m/p-Xylenes	10.13	106	457991	97.284	ug/l	100
69) o-Xylene	10.71	106	261443	51.336	ug/l	98
70) Styrene	10.79	104	334725	47.745	ug/l	99
71) Bromoform	10.77	173	67689	50.450	ug/l	99
73) Isopropylbenzene	11.13	105	749071	53.136	ug/l	99
74) N-amyl acetate	11.37	43	193760	54.441	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.70	83	128440	52.161	ug/l	98
76) 1,2,3-Trichloropropane	11.80	75	89545	48.987	ug/l	90
77) Bromobenzene	11.49	156	158600	53.592	ug/l	96
78) n-propylbenzene	11.59	91	830812	49.444	ug/l	99
79) 2-Chlorotoluene	11.72	91	502224	51.753	ug/l	98
80) 1,3,5-Trimethylbenzene	11.83	105	581396	51.086	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.87	75	41616m	49.673	ug/l	
82) 4-Chlorotoluene	11.90	91	494116	50.228	ug/l	97
83) tert-Butylbenzene	12.13	119	598068	50.968	ug/l	95
84) 1,2,4-Trimethylbenzene	12.20	105	562480	49.646	ug/l	100
85) sec-Butylbenzene	12.31	105	783185	49.205	ug/l	97
86) p-Isopropyltoluene	12.46	119	627943	47.881	ug/l	97
87) 1,3-Dichlorobenzene	12.48	146	273600	47.911	ug/l	99
88) 1,4-Dichlorobenzene	12.57	146	281797	50.576	ug/l	99
89) n-Butylbenzene	12.84	91	660560	57.015	ug/l	98
90) Hexachloroethane	12.91	117	164010	50.690	ug/l	93
91) 1,2-Dichlorobenzene	12.94	146	266859	48.375	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.64	75	22831	51.596	ug/l	91

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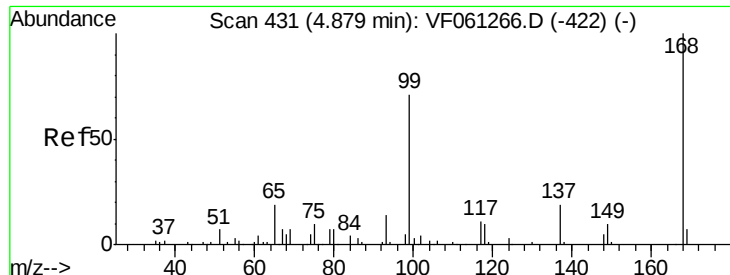
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.20	180	192846	49.923	ug/l	95
94) Hexachlorobutadiene	14.20	225	125353	50.933	ug/l	97
95) Naphthalene	14.45	128	403438	55.875	ug/l	99
96) 1,2,3-Trichlorobenzene	14.60	180	184294	51.456	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

ClientSampleId :

ICVVF010319

Tot Ion:168 Resp: 227635

Ion Ratio Lower Upper

168 100

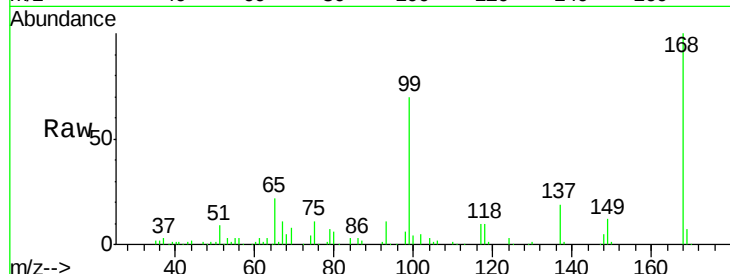
99 70.0 57.0 85.6

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

80000

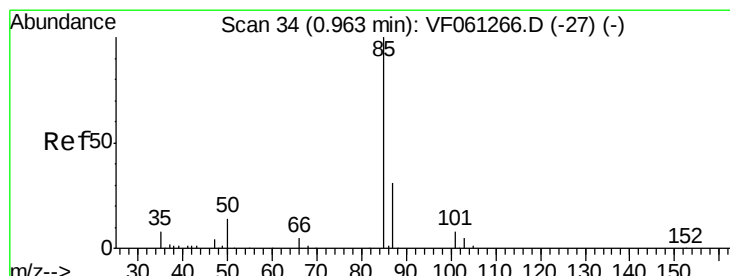
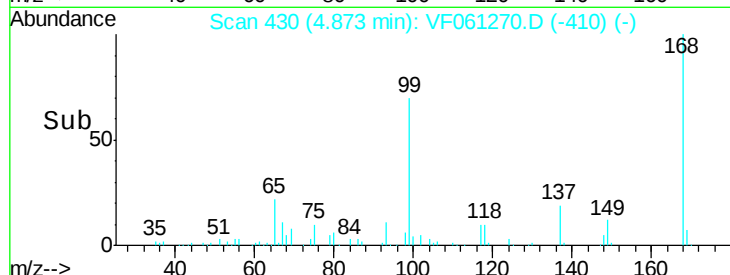
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#2

Dichlorodifluoromethane

Concen: 44.887 ug/l

RT: 0.96 min Scan# 33

Delta R.T. -0.01 min

Lab File: VF061270.D

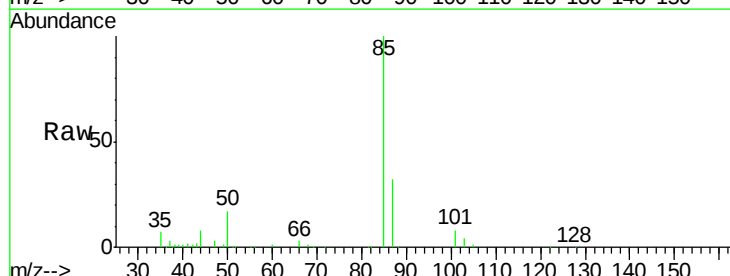
Acq: 3 Jan 2019 17:40

Tgt Ion: 85 Resp: 196189

Ion Ratio Lower Upper

85 100

87 32.1 15.6 46.8



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.96

60000

50000

40000

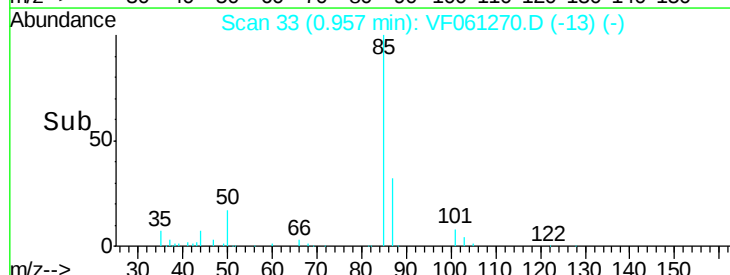
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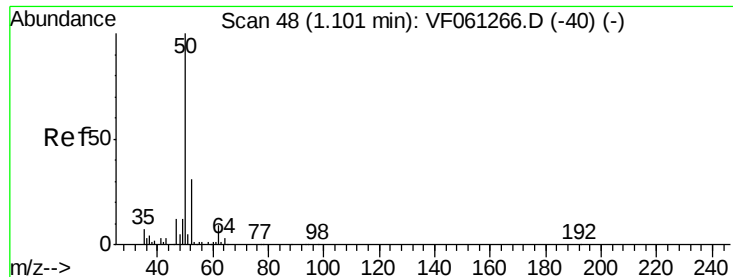
20000

10000

0

Time--> 0.80 0.90 1.00 1.10 1.20





#3

Chloromethane

Concen: 44.366 ug/l

RT: 1.11 min Scan# 48

Delta R.T. 0.00 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

ClientSampleId :

ICVVF010319

Tot Ion: 50 Resp: 148553

Ion Ratio Lower Upper

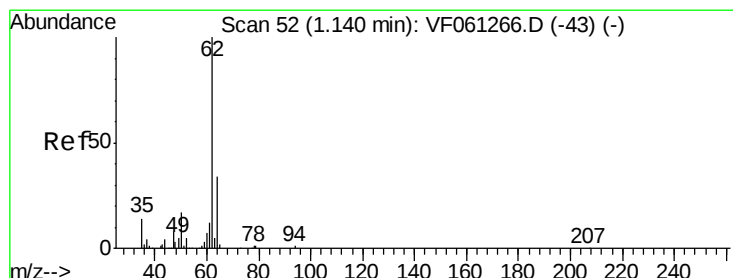
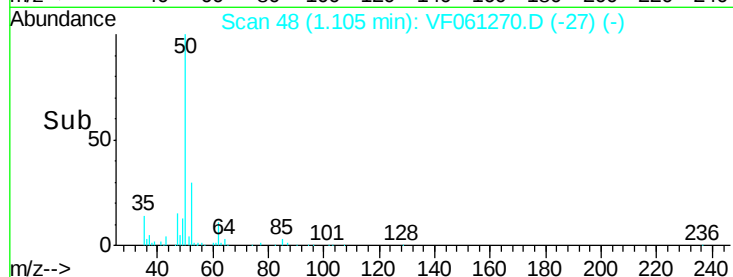
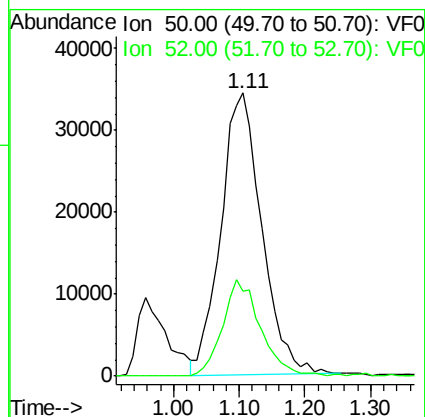
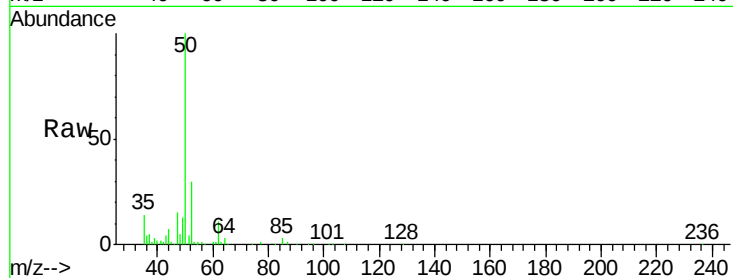
50 100

52 30.3 23.4 35.2

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#4

Vinyl Chloride

Concen: 46.052 ug/l

RT: 1.14 min Scan# 52

Delta R.T. 0.00 min

Lab File: VF061270.D

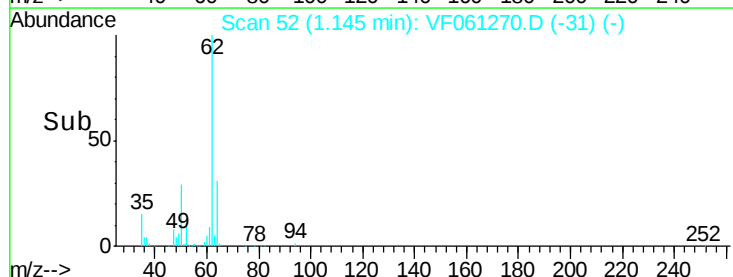
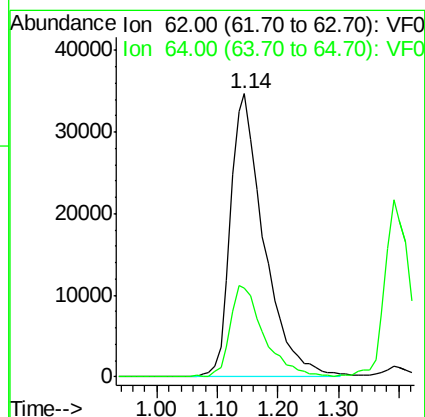
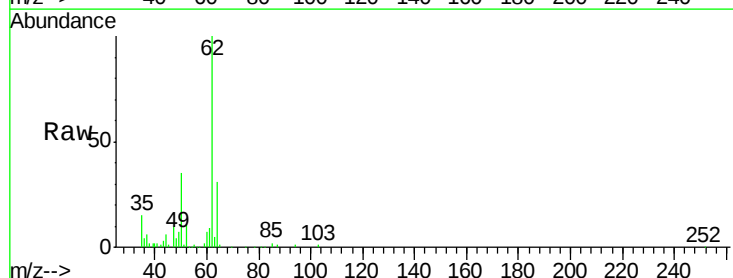
Acq: 3 Jan 2019 17:40

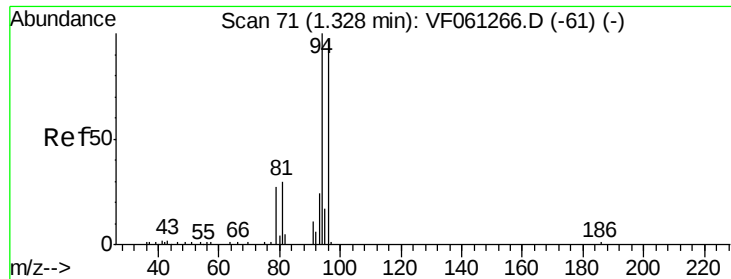
Tgt Ion: 62 Resp: 133563

Ion Ratio Lower Upper

62 100

64 31.3 26.9 40.3





#5

Bromomethane

Concen: 49.486 ug/l

RT: 1.33 min Scan# 71

Delta R.T. 0.00 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 98124

Ion Ratio Lower Upper

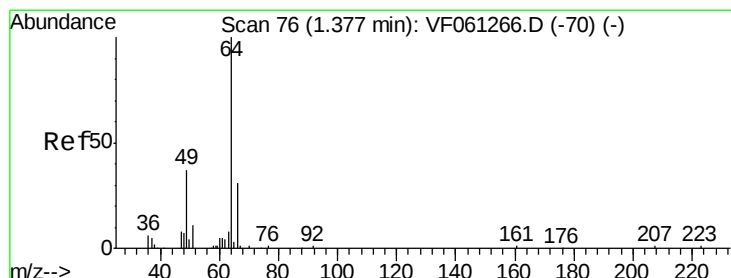
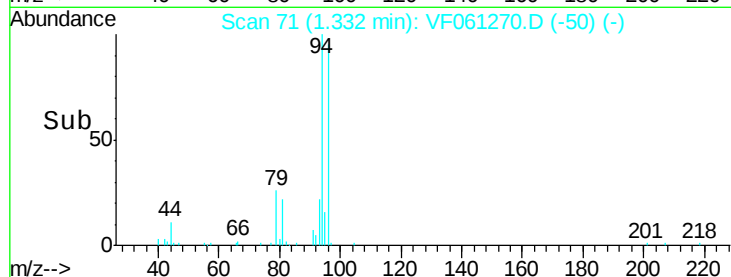
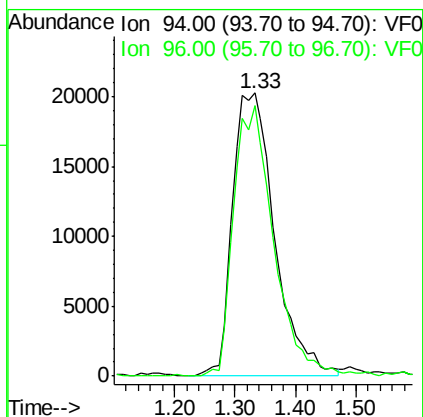
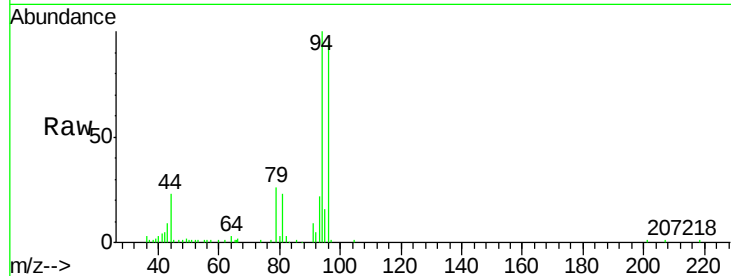
94 100

96 95.5 77.2 115.8

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#6

Chloroethane

Concen: 50.376 ug/l

RT: 1.39 min Scan# 77

Delta R.T. 0.01 min

Lab File: VF061270.D

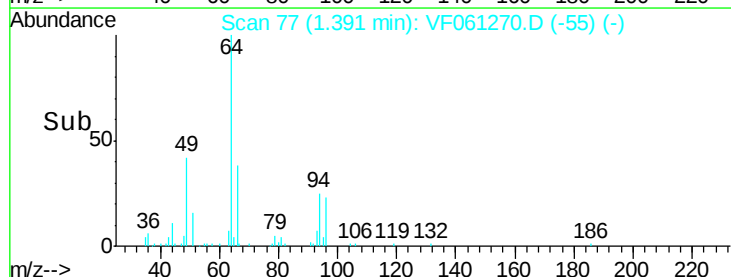
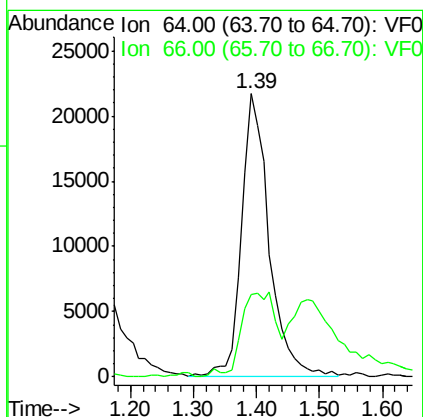
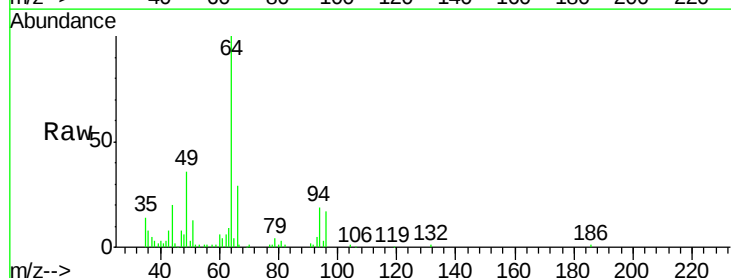
Acq: 3 Jan 2019 17:40

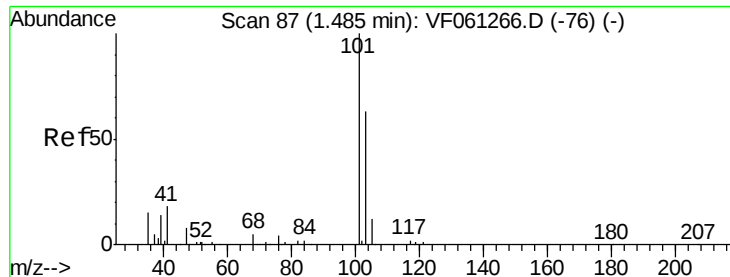
Tgt Ion: 64 Resp: 66213

Ion Ratio Lower Upper

64 100

66 29.1 25.2 37.8





#7

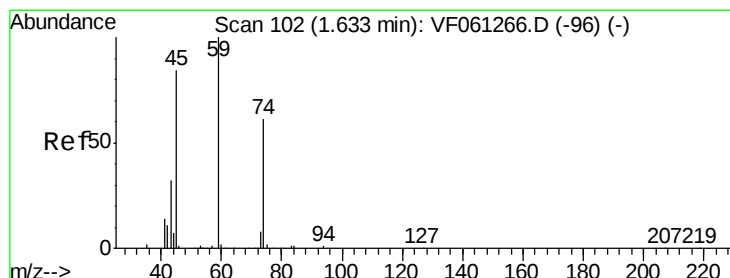
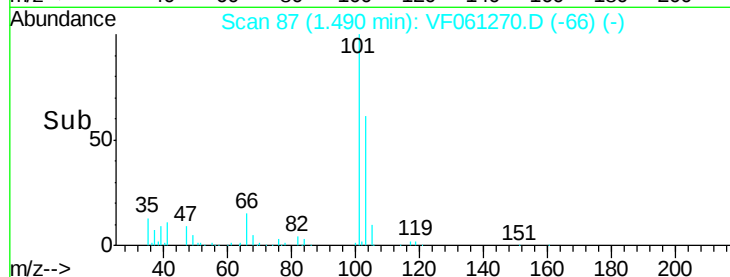
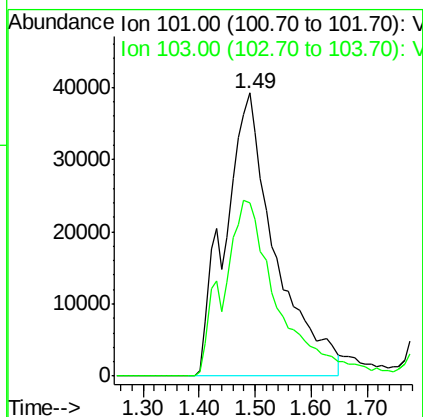
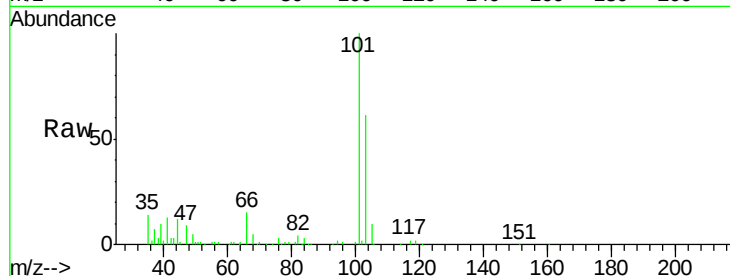
Trichlorofluoromethane
Concen: 46.944 ug/l
RT: 1.49 min Scan# 87
Delta R.T. 0.00 min
Lab File: VF061270.D
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ICVVF010319

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.2	50.3	75.5

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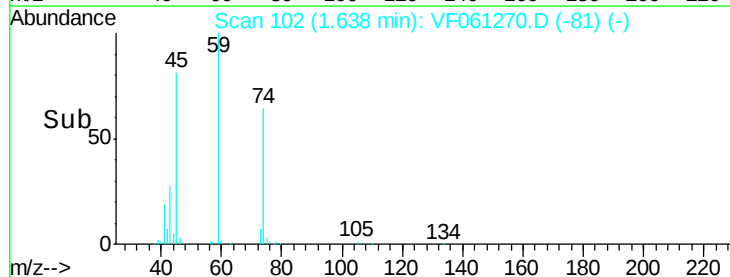
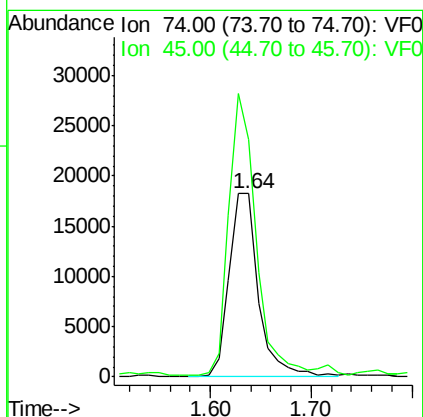
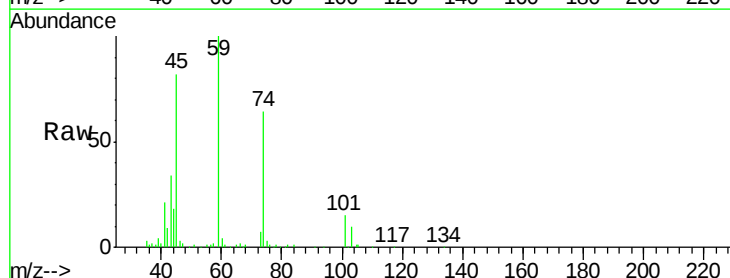
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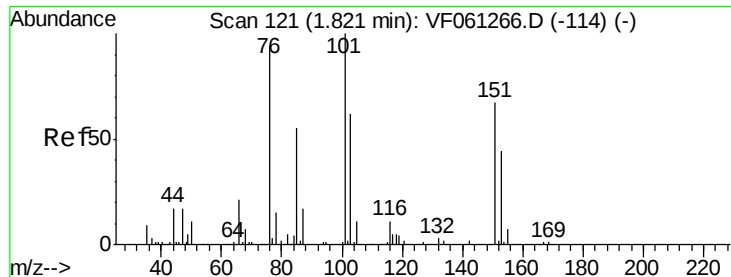


#8

Diethyl Ether
Concen: 49.612 ug/l
RT: 1.64 min Scan# 102
Delta R.T. 0.00 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	129.3	69.0	207.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.378 ug/l

RT: 1.84 min Scan# 122

Delta R.T. 0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

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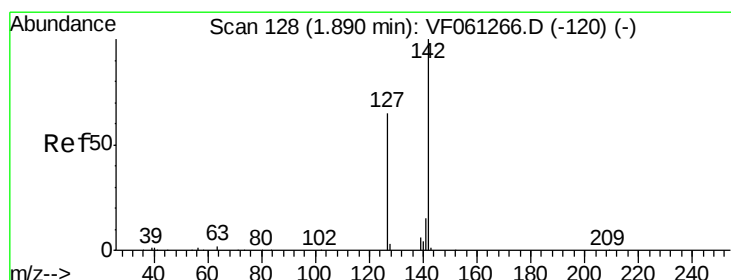
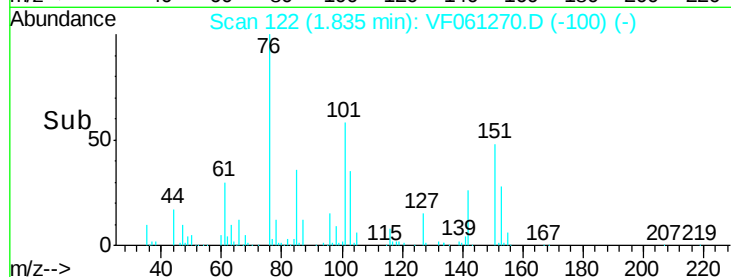
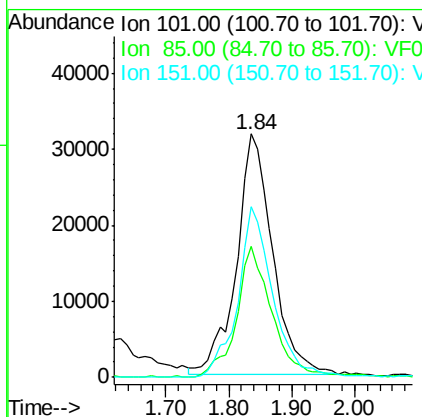
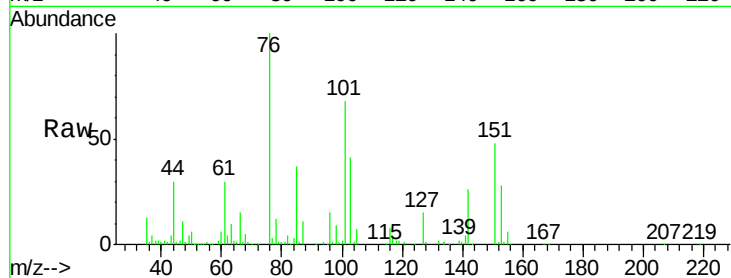
ClientSampleId :

ICVVF010319

Tot Ion:	101	Resp:	126147
Ion Ratio	Lower	Upper	
101	100		
85	53.9	42.9	64.3
151	70.1	52.4	78.6

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#10

Methyl Iodide

Concen: 49.753 ug/l m

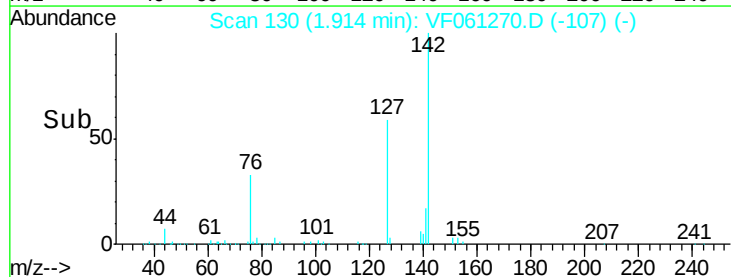
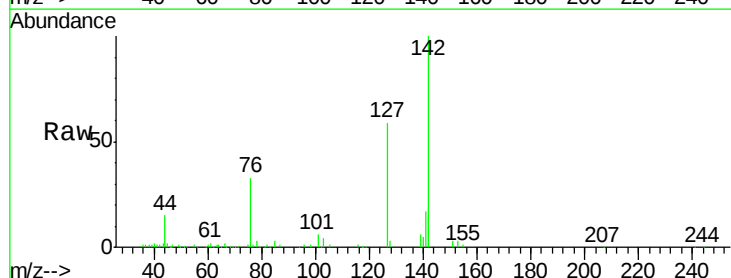
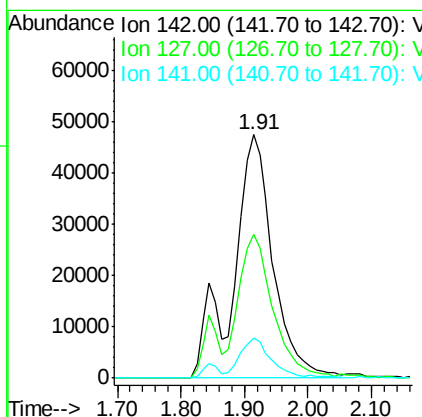
RT: 1.91 min Scan# 130

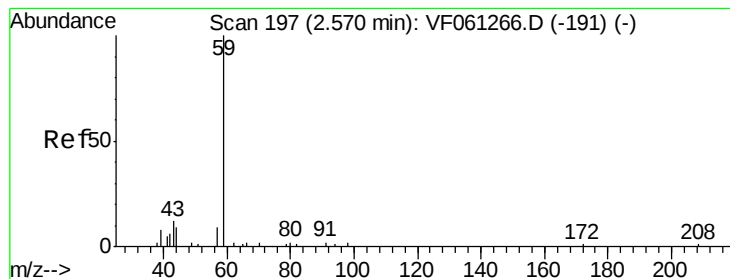
Delta R.T. 0.02 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Tgt Ion:	142	Resp:	209609
Ion Ratio	Lower	Upper	
142	100		
127	59.2	52.3	78.5
141	16.6	12.2	18.4





#11

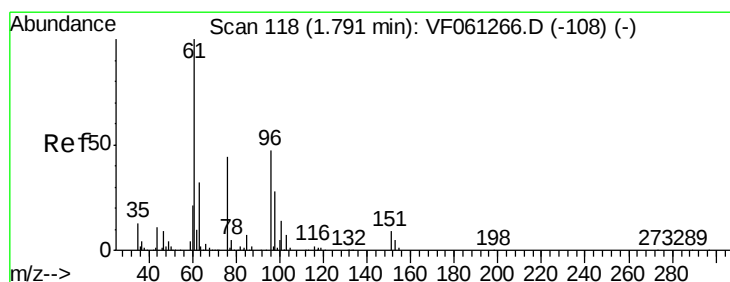
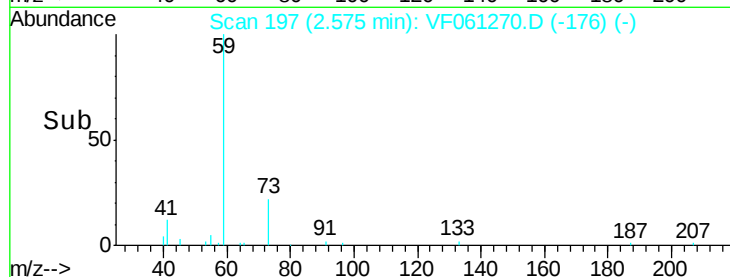
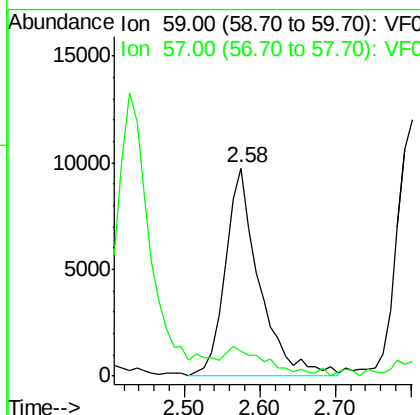
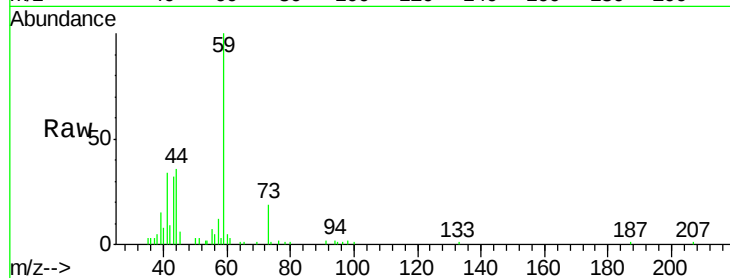
Tert butyl alcohol
Concen: 248.513 ug/l
RT: 2.58 min Scan# 197
Delta R.T. 0.00 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Instrument :
MSVOA_F
ClientSampled :
ICVVF010319

Tot Ion	59	57	Ratio	100	11.7	Resp:	30301	Lower	Upper
Ion	59	57	Ratio	100	11.7	Resp:	30301	Lower	Upper
								12.6	18.8#

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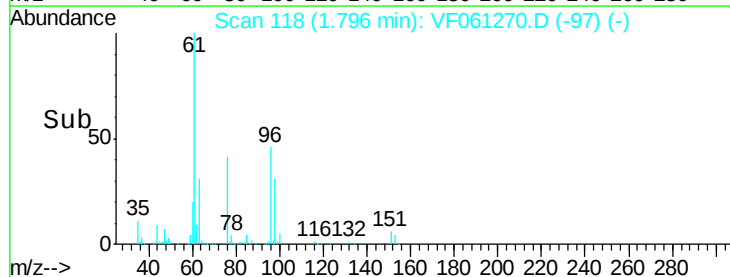
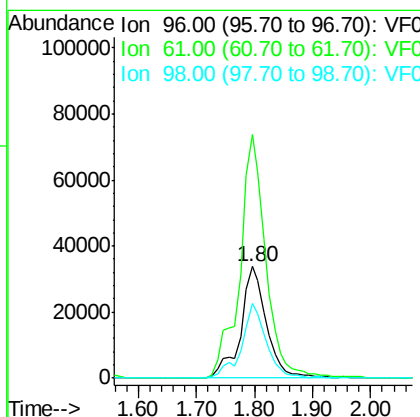
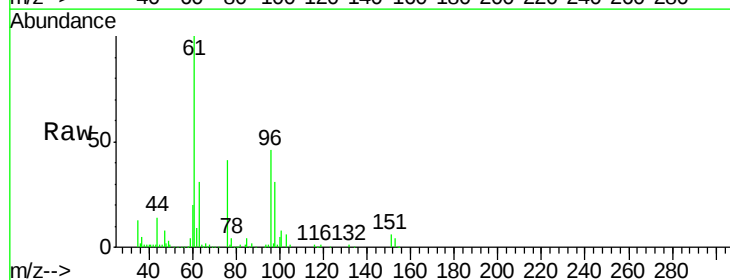
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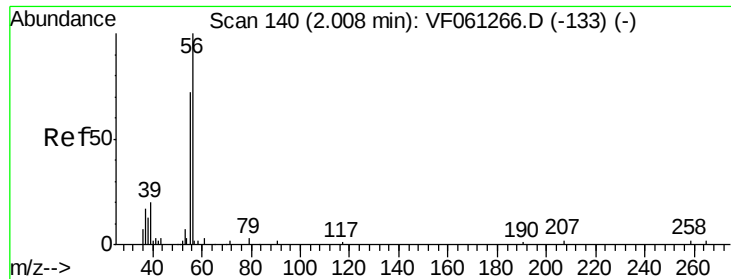


#12

1,1-Dichloroethene
Concen: 47.830 ug/l
RT: 1.80 min Scan# 118
Delta R.T. 0.00 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Tgt Ion	96	61	98	Ratio	100	218.1	66.8	Resp:	104838	Lower	Upper
Ion	96	61	98	Ratio	100	218.1	66.8	Resp:	104838	Lower	Upper
										171.6	257.4
										48.6	72.8





#13

Acrolein

Concen: 235.921 ug/l

RT: 2.00 min Scan# 139

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

ClientSampleId :

ICVVF010319

Tot Ion: 56 Resp: 23494

Ion Ratio Lower Upper

56 100

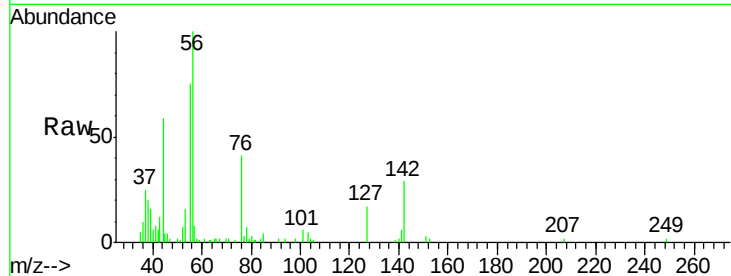
55 75.1 59.7 89.5

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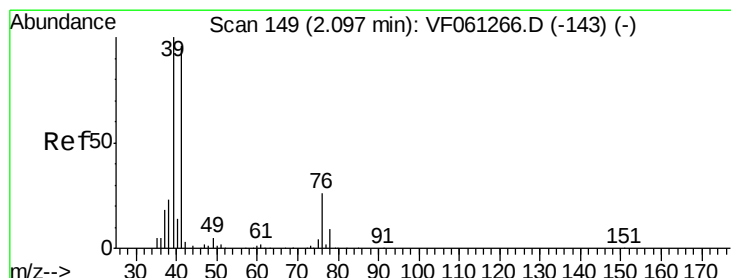
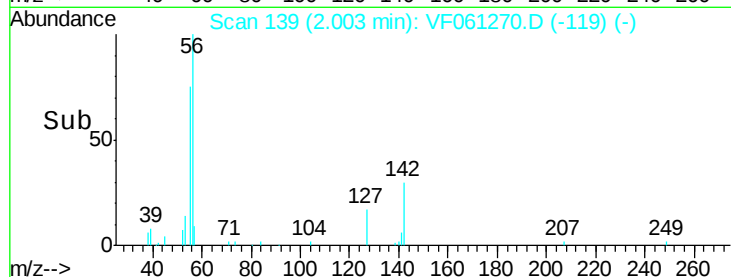
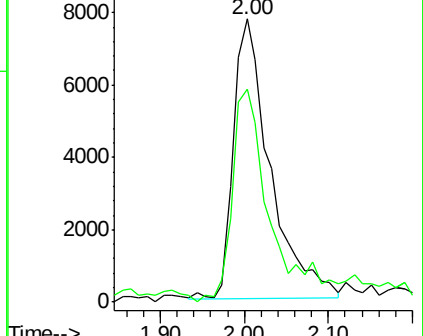
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#14

Allyl chloride

Concen: 46.477 ug/l

RT: 2.09 min Scan# 148

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

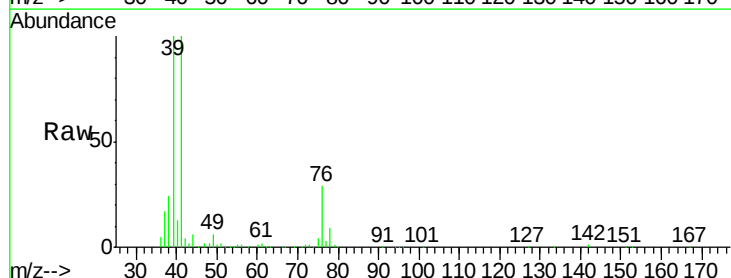
Tgt Ion: 41 Resp: 140837

Ion Ratio Lower Upper

41 100

39 99.8 83.4 125.2

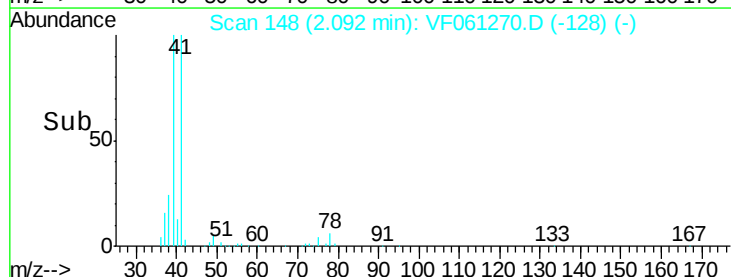
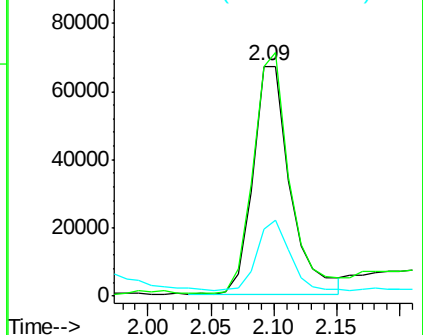
76 29.2 23.9 35.9

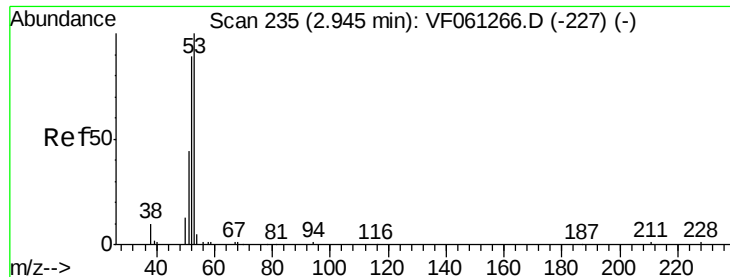


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0





#15

Acrylonitrile

Concen: 243.732 ug/l

RT: 2.94 min Scan# 234

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

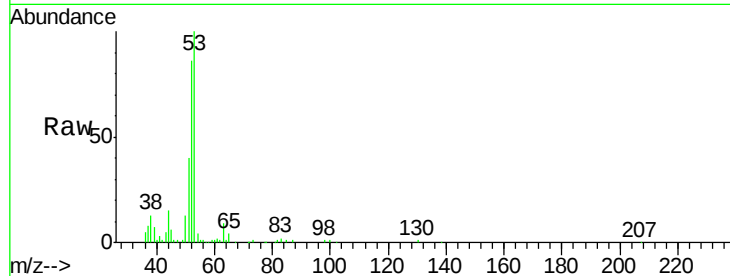
ClientSampleId :

ICVVF010319

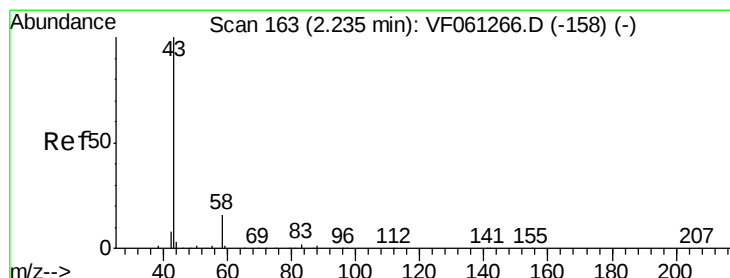
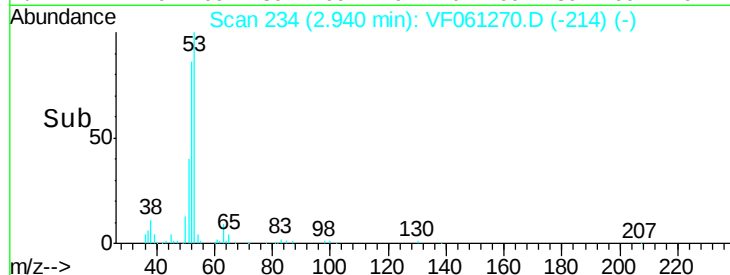
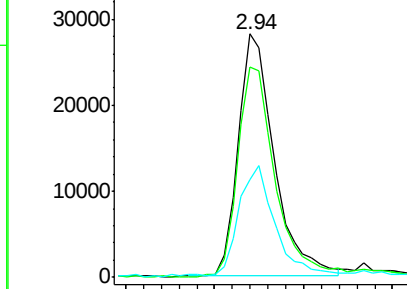
Tot Ion:	53	Resp:	79449
Ion	Ratio	Lower	Upper
53	100		
52	86.2	71.3	106.9
51	40.2	36.2	54.4

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Abundance Ion 53.00 (52.70 to 53.70): VF0
Ion 52.00 (51.70 to 52.70): VF0
Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 236.601 ug/l

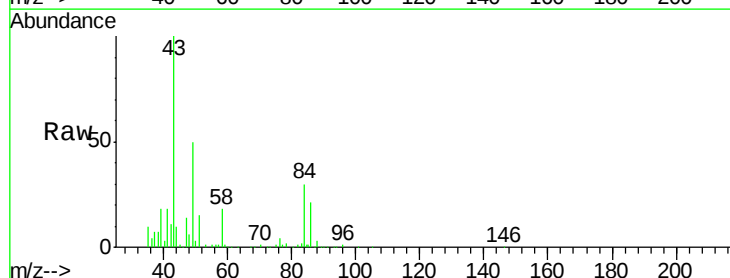
RT: 2.24 min Scan# 163

Delta R.T. 0.00 min

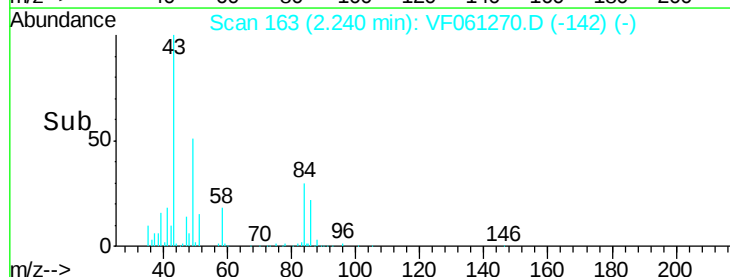
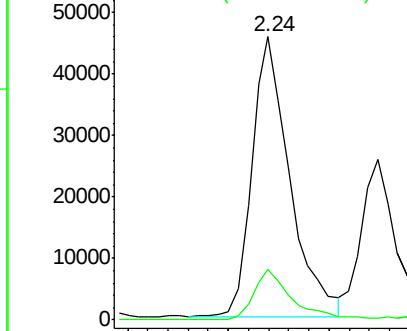
Lab File: VF061270.D

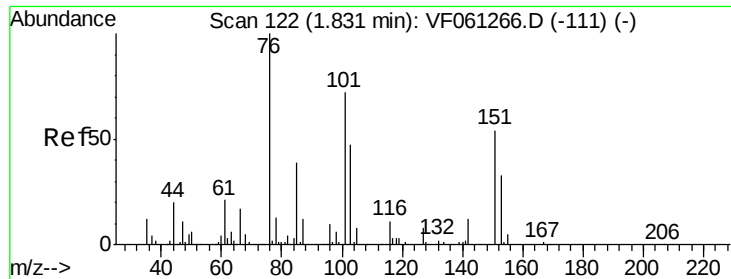
Acq: 3 Jan 2019 17:40

Tgt Ion:	43	Resp:	119300
Ion	Ratio	Lower	Upper
43	100		
58	18.0	13.0	19.4



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0





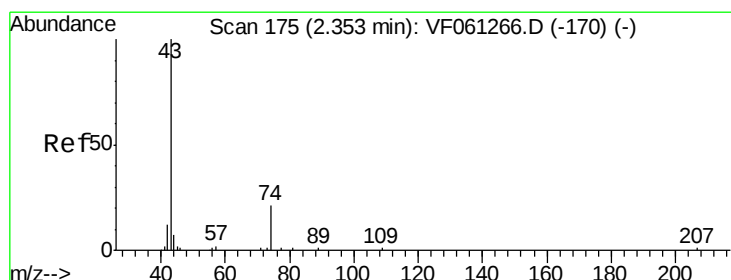
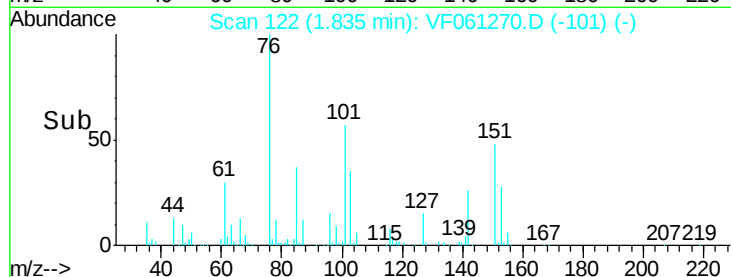
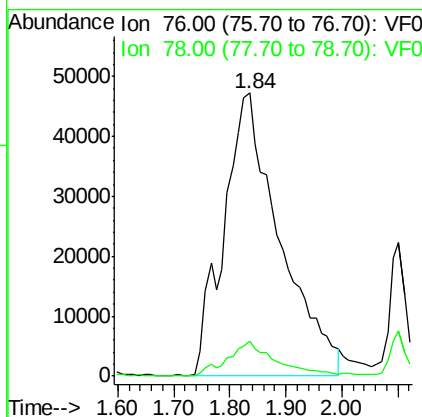
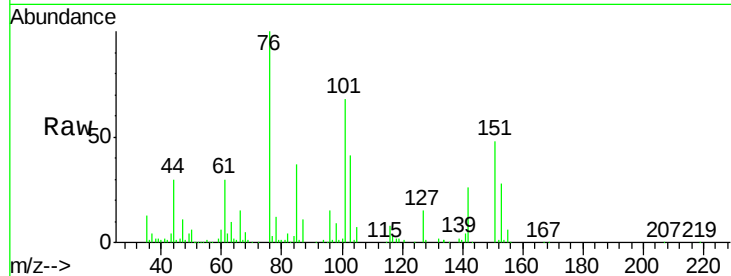
#17
Carbon Disulfide
Concen: 49.051 ug/l
RT: 1.84 min Scan# 122
Delta R.T. 0.00 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Instrument :
MSVOA_F
ClientSampleId :
ICVVF010319

Tot Ion: 76 Resp: 327384
Ion Ratio Lower Upper
76 100
78 12.2 10.2 15.4

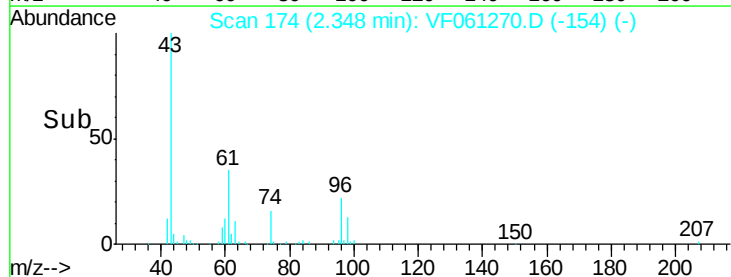
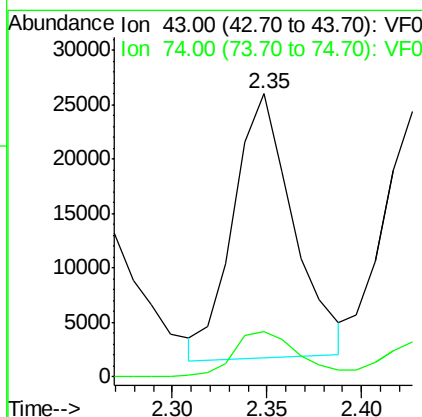
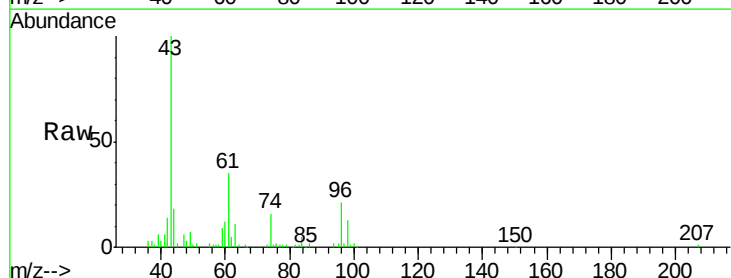
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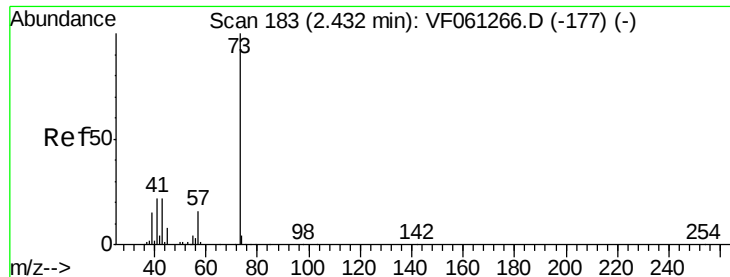
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#18
Methyl Acetate
Concen: 47.710 ug/l
RT: 2.35 min Scan# 174
Delta R.T. -0.00 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Tgt Ion: 43 Resp: 53439
Ion Ratio Lower Upper
43 100
74 16.0 14.4 21.6





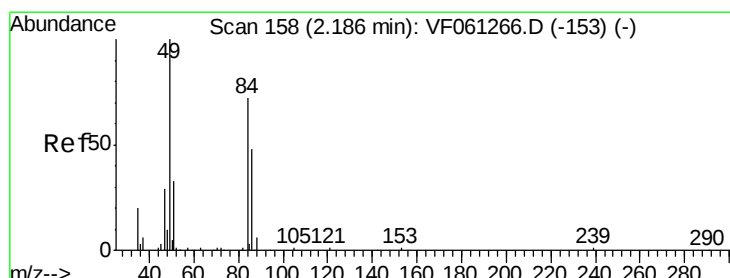
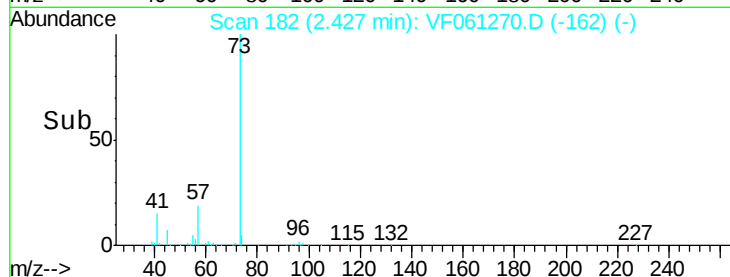
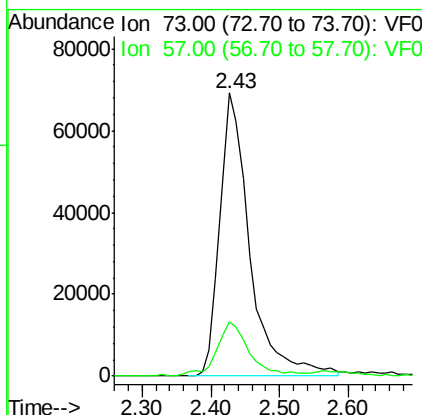
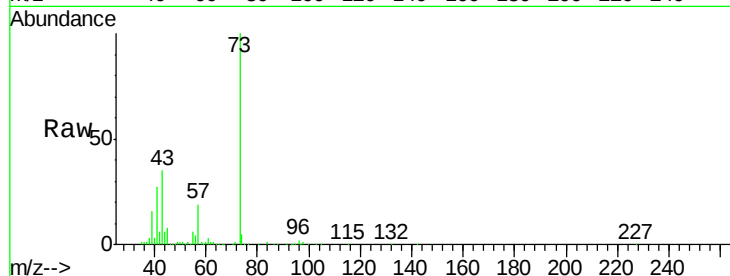
#19
Methyl tert-butyl Ether
Concen: 45.998 ug/l
RT: 2.43 min Scan# 182
Delta R.T. -0.01 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Instrument :
MSVOA_F
ClientSampleId :
ICVVF010319

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.2	14.0	21.0

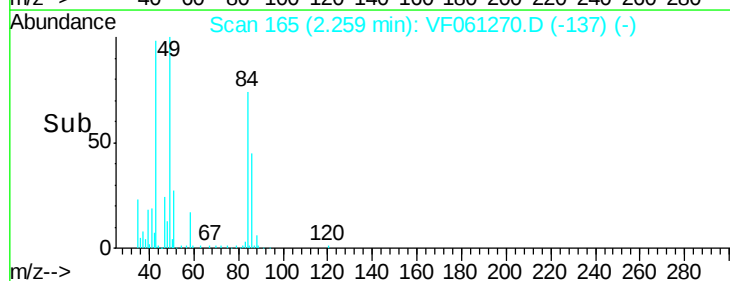
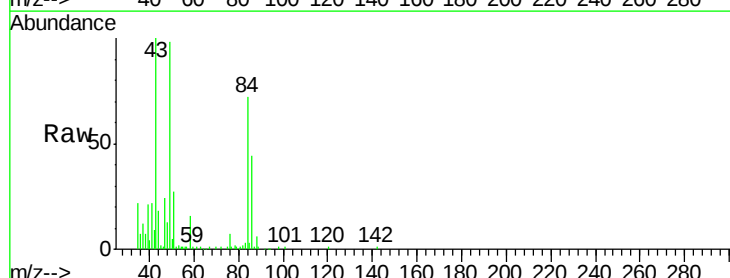
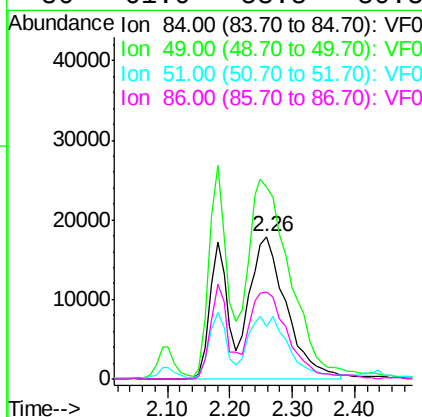
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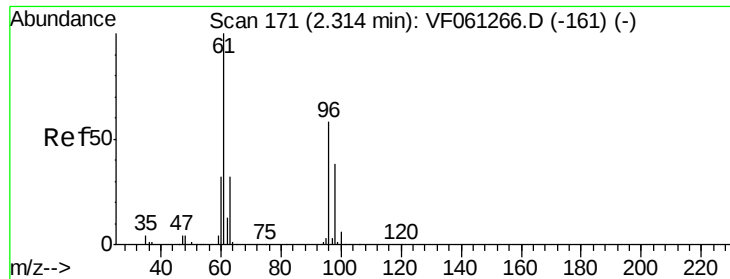
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#20
Methylene Chloride
Concen: 48.136 ug/l m
RT: 2.26 min Scan# 165
Delta R.T. 0.07 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.1	112.9	169.3
51	37.0	37.9	56.9#
86	61.0	53.8	80.8





#21

trans-1,2-Dichloroethene

Concen: 46.951 ug/l

RT: 2.31 min Scan# 170

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

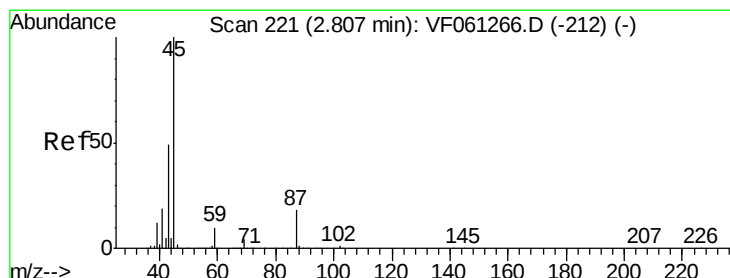
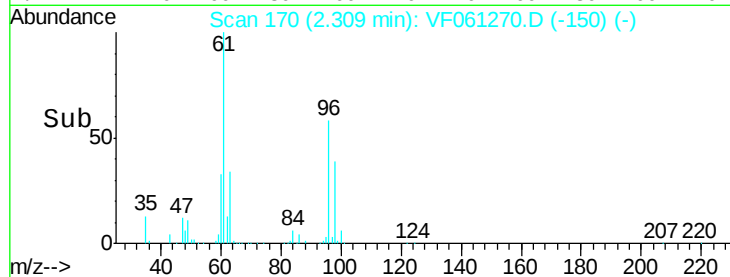
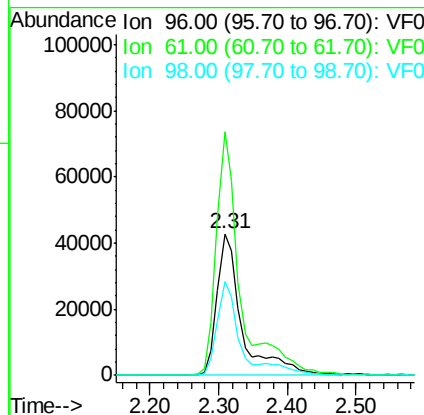
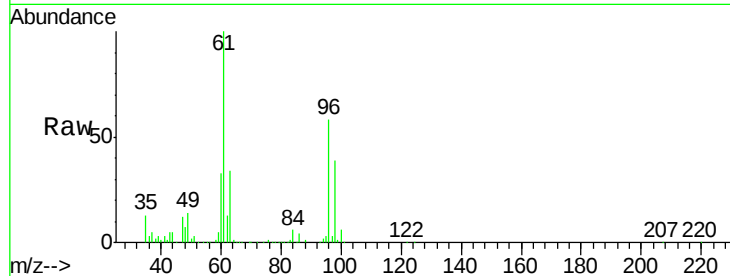
ClientSampleId :

ICVVF010319

Tot Ion:	96	Resp:	108239
Ion	Ratio	Lower	Upper
96	100		
61	172.4	139.3	208.9
98	66.7	52.6	78.8

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#22

Diisopropyl ether

Concen: 49.643 ug/l

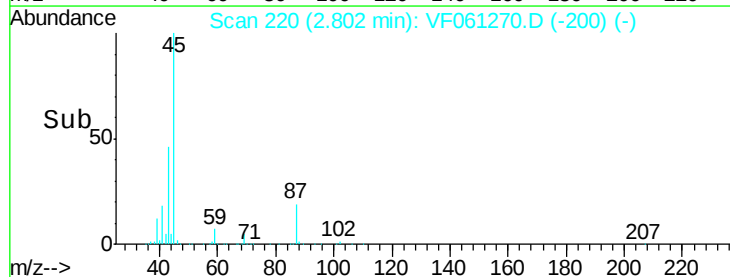
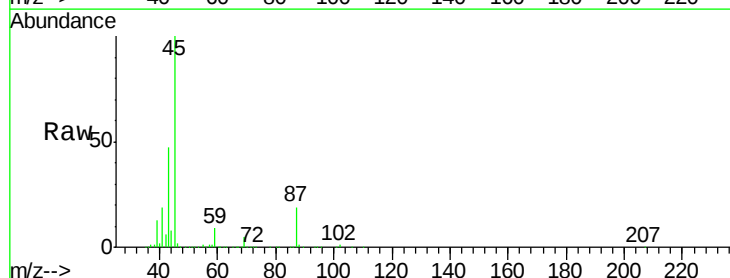
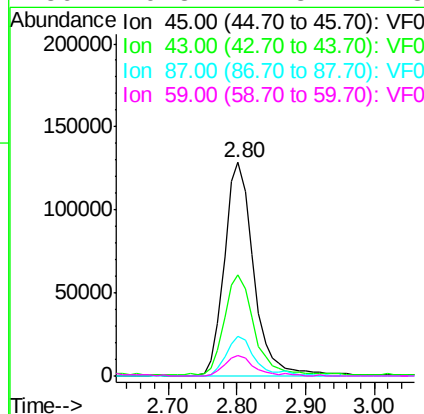
RT: 2.80 min Scan# 220

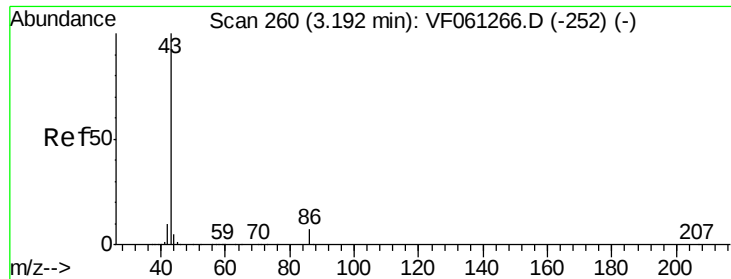
Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Tgt Ion:	45	Resp:	378255
Ion	Ratio	Lower	Upper
45	100		
43	47.5	39.5	59.3
87	18.7	14.8	22.2
59	9.3	7.8	11.8





#23

Vinyl Acetate

Concen: 268.792 ug/l

RT: 3.19 min Scan# 259

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

ClientSampleId :

ICVVF010319

Tot Ion: 43 Resp: 937939

Ion Ratio Lower Upper

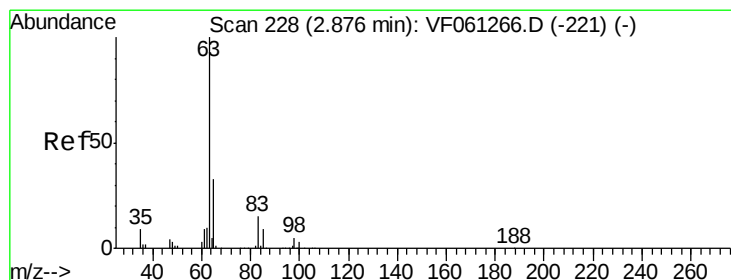
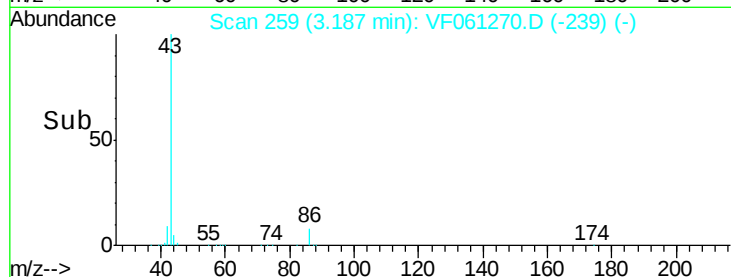
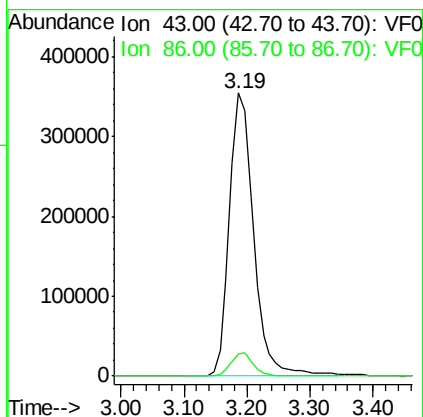
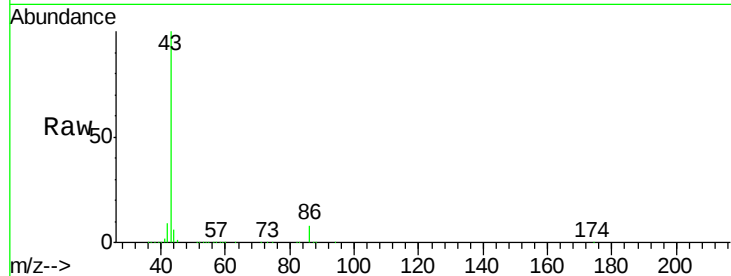
43 100

86 8.0 6.0 9.0

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#24

1,1-Dichloroethane

Concen: 47.767 ug/l

RT: 2.87 min Scan# 227

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

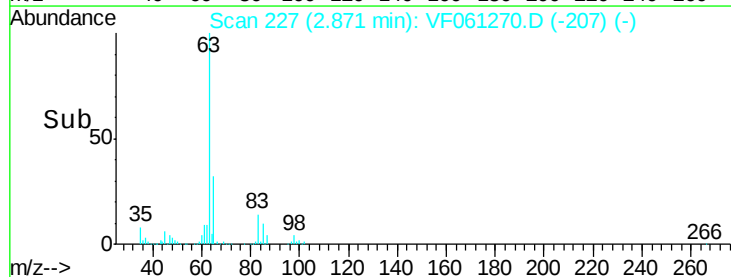
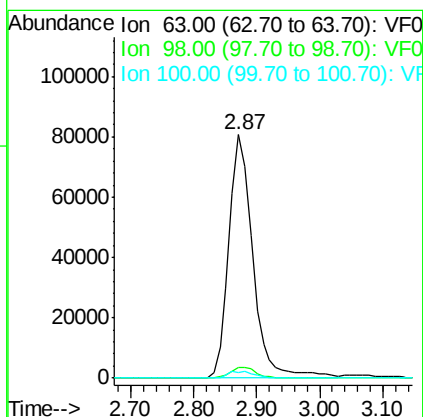
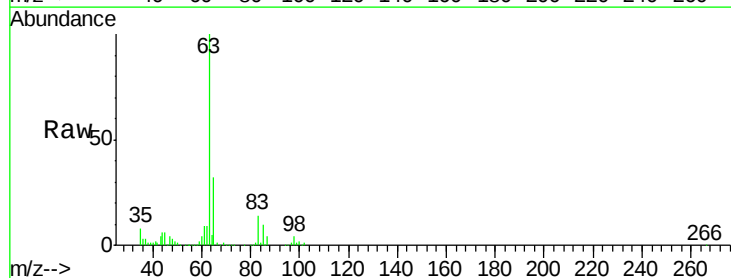
Tgt Ion: 63 Resp: 213390

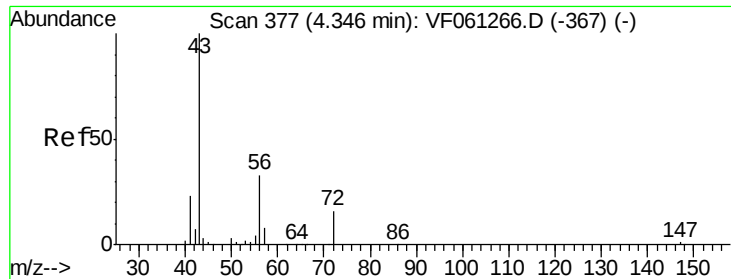
Ion Ratio Lower Upper

63 100

98 4.5 2.5 7.5

100 2.3 1.6 4.8





#25

2-Butanone

Concen: 255.891 ug/l

RT: 4.33 min Scan# 375

Delta R.T. -0.02 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

ClientSampleId :

ICVVF010319

Tot Ion: 43 Resp: 245840

Ion Ratio Lower Upper

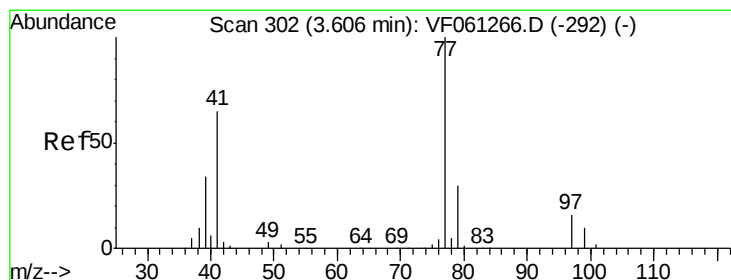
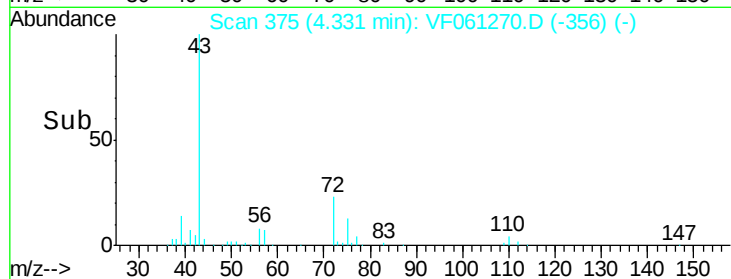
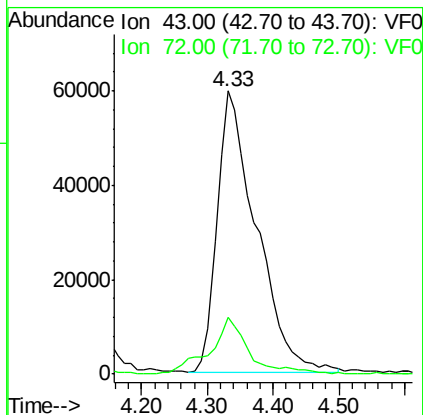
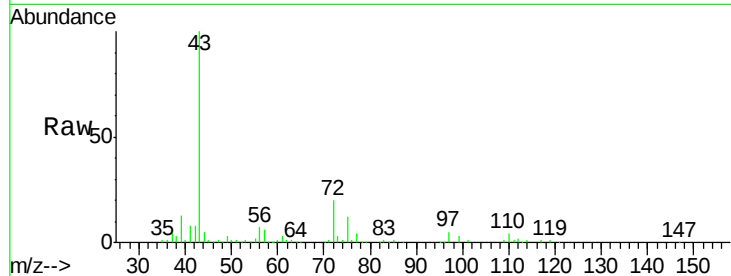
43 100

72 20.0 13.0 19.6#

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 45.113 ug/l

RT: 3.60 min Scan# 301

Delta R.T. -0.01 min

Lab File: VF061270.D

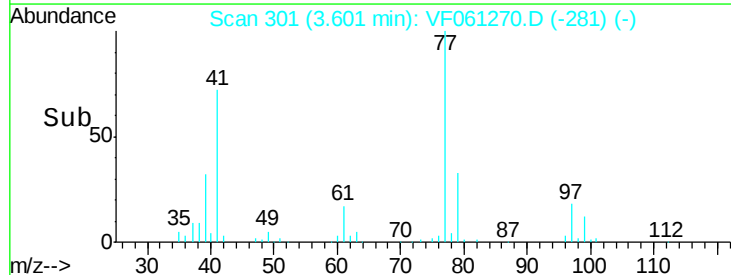
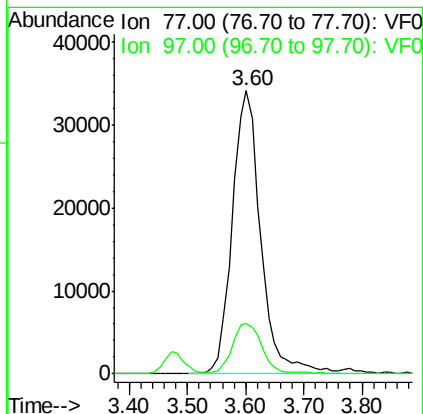
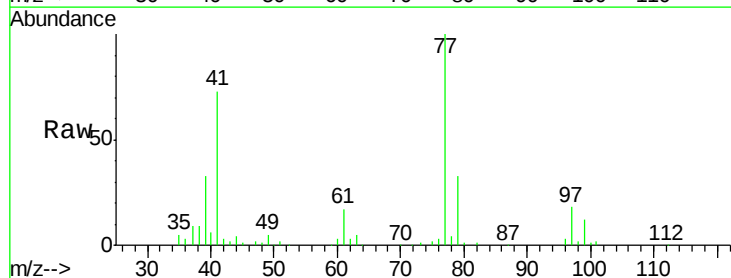
Acq: 3 Jan 2019 17:40

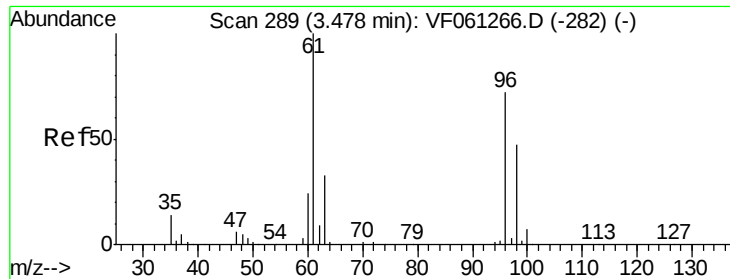
Tgt Ion: 77 Resp: 116057

Ion Ratio Lower Upper

77 100

97 17.7 8.9 26.7





#27

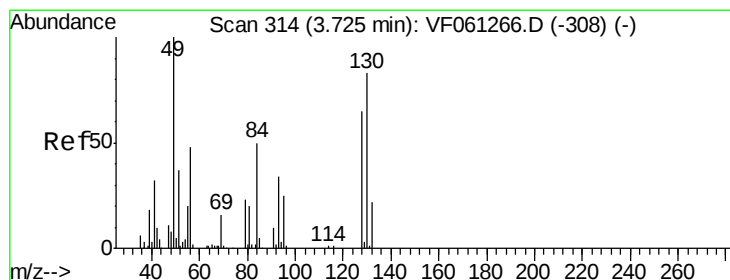
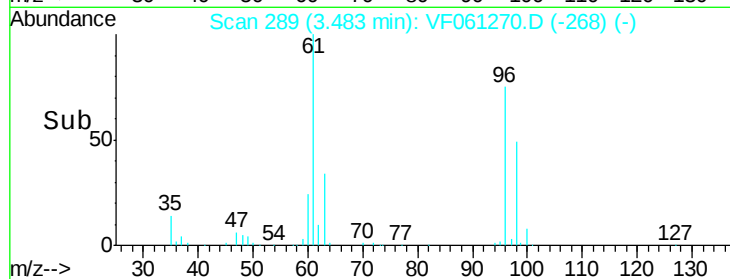
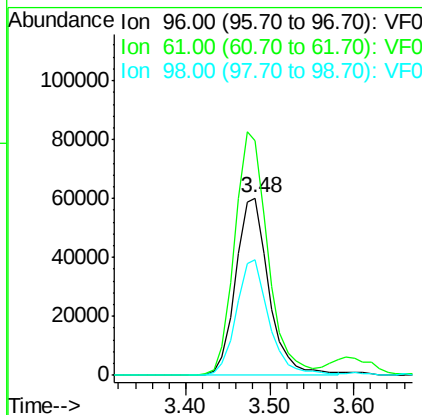
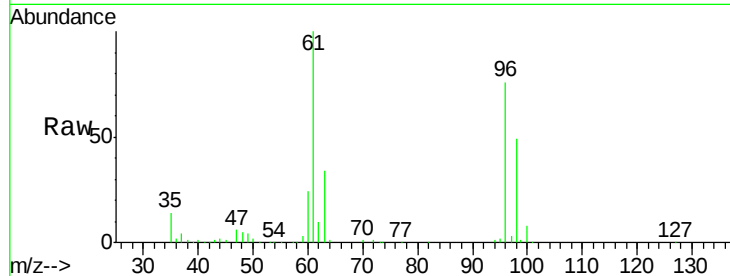
cis-1,2-Dichloroethene
Concen: 48.774 ug/l
RT: 3.48 min Scan# 289
Delta R.T. 0.00 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Instrument :
MSVOA_F
ClientSampleId :
ICVVF010319

Tot Ion	Ratio	Resp	Lower	Upper
96	100	165227		
61	132.2	0.0	277.8	
98	65.4	0.0	130.8	

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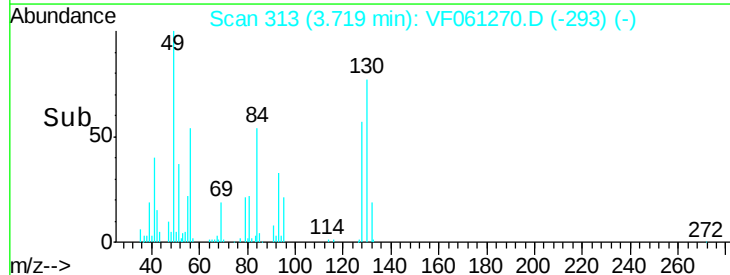
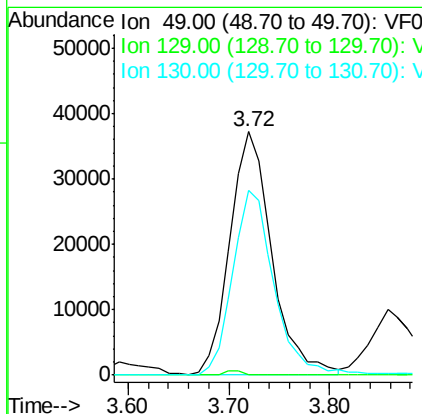
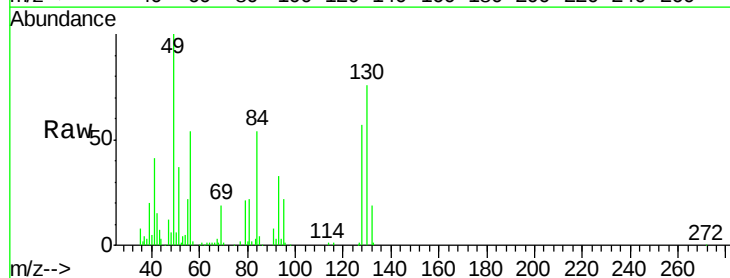
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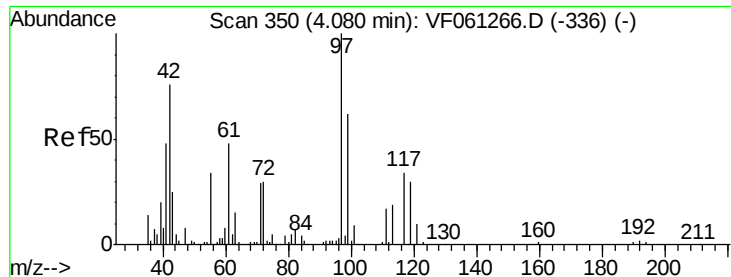


#28

Bromochloromethane
Concen: 50.353 ug/l
RT: 3.72 min Scan# 313
Delta R.T. -0.01 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	106487		
129	0.0	0.0	5.4	
130	76.1	65.7	98.5	





#29

Tetrahydrofuran

Concen: 266.809 ug/l

RT: 4.07 min Scan# 349

Delta R.T. -0.00 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

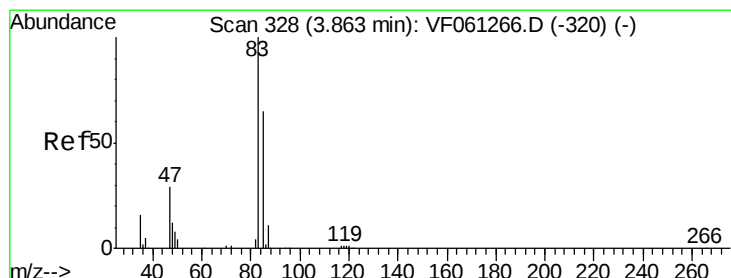
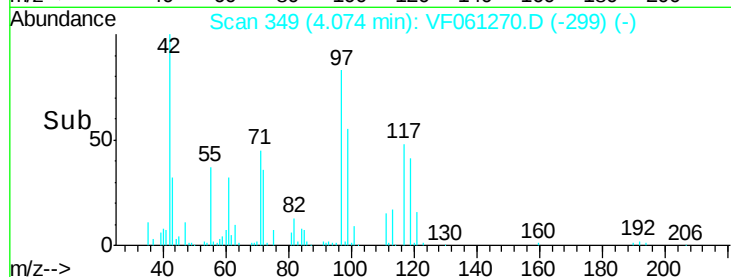
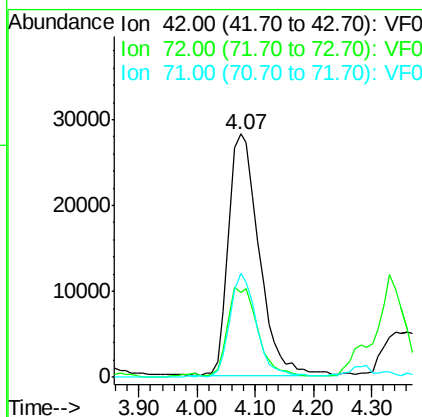
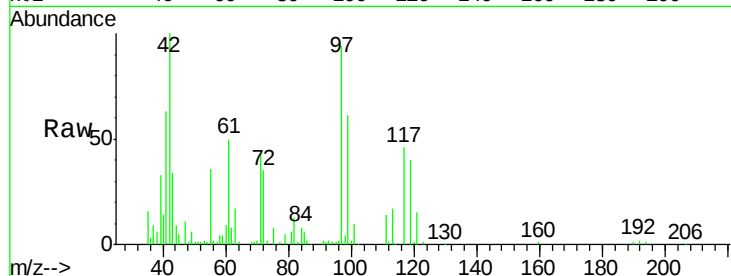
ClientSampleId :

ICVVF010319

Tot Ion:	42	Resp:	103140
Ion	Ratio	Lower	Upper
42	100		
72	36.9	29.2	43.8
71	37.9	29.1	43.7

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#30

Chloroform

Concen: 46.253 ug/l

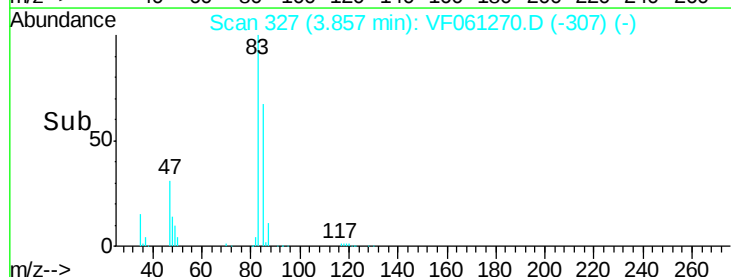
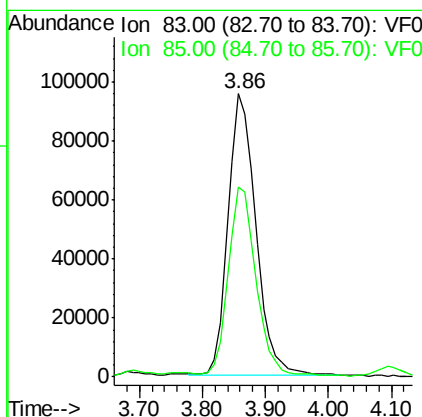
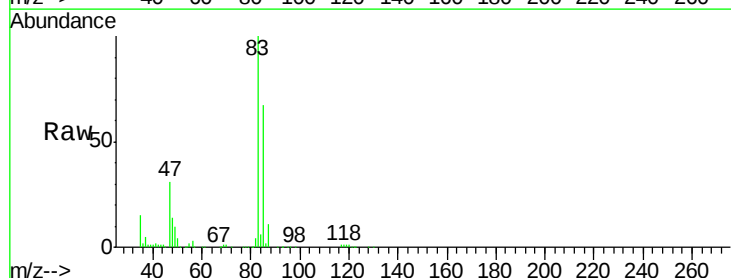
RT: 3.86 min Scan# 327

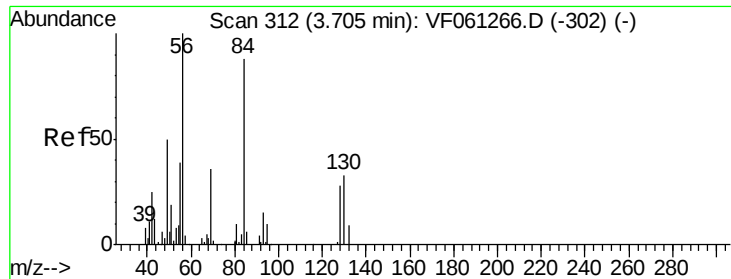
Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Tgt Ion:	83	Resp:	289021
Ion	Ratio	Lower	Upper
83	100		
85	67.0	52.2	78.4





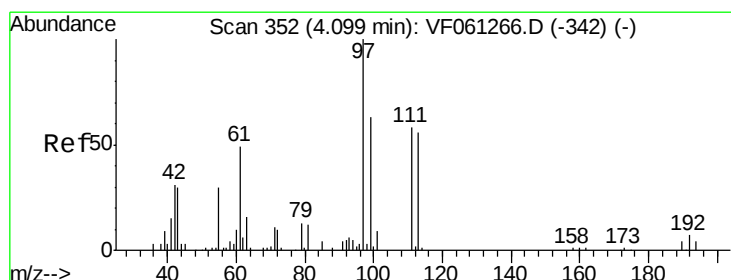
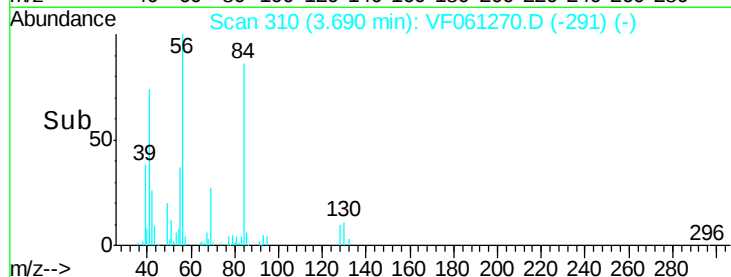
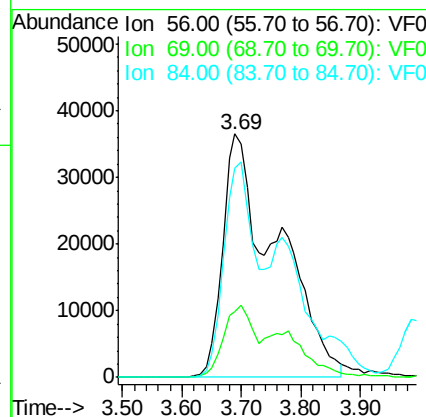
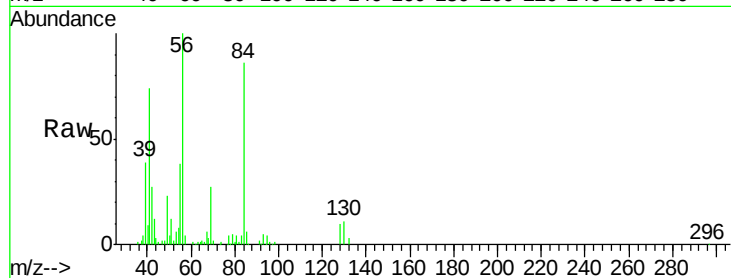
#31
Cyclohexane
Concen: 48.479 ug/l m
RT: 3.69 min Scan# 310
Delta R.T. -0.02 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Instrument :
MSVOA_F
ClientSampleId :
ICVVF010319

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.1	28.7	43.1#
84	85.8	70.6	106.0

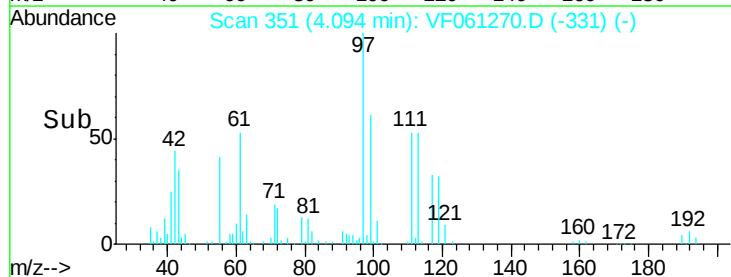
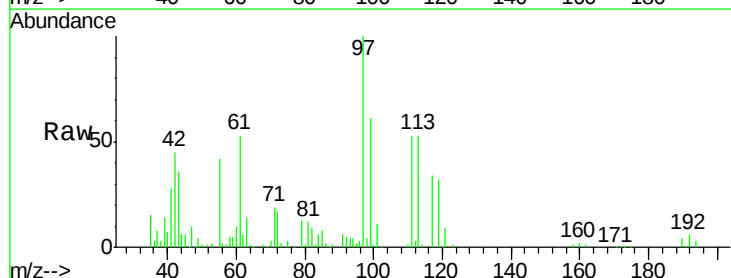
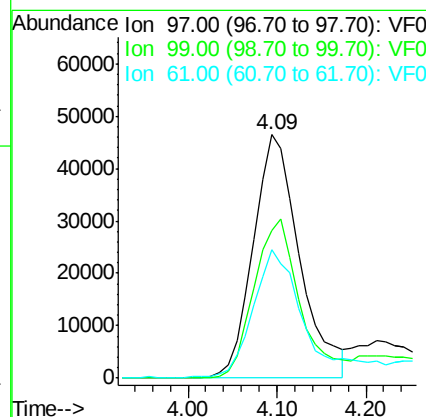
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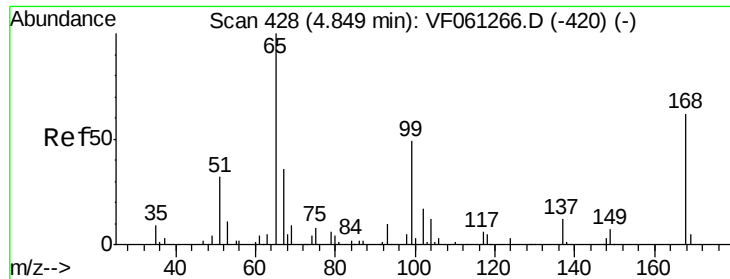
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#32
1,1,1-Trichloroethane
Concen: 41.456 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.01 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	60.8	50.6	76.0
61	52.8	39.6	59.4





#33

1,2-Dichloroethane-d4

Concen: 43.664 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Tot Ion: 65 Resp: 126168

Ion Ratio Lower Upper

65 100

67 51.1 0.0 90.4

Instrument :

MSVOA_F

ClientSampleId :

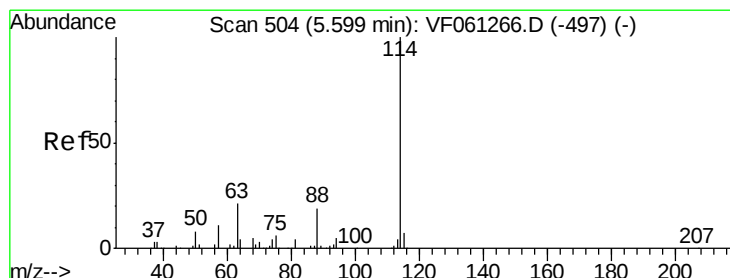
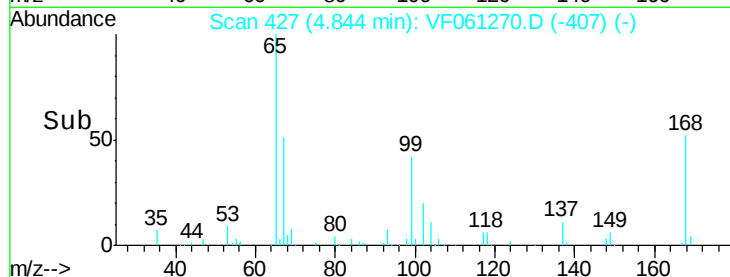
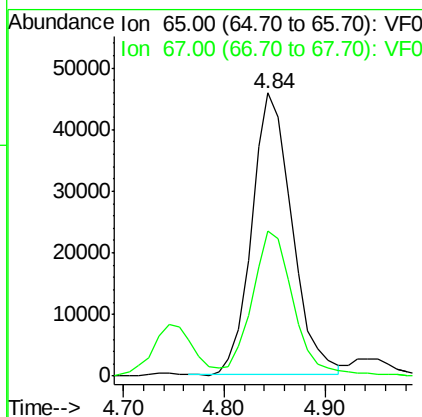
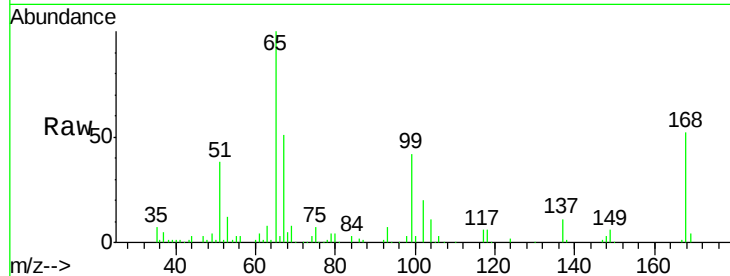
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.00 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

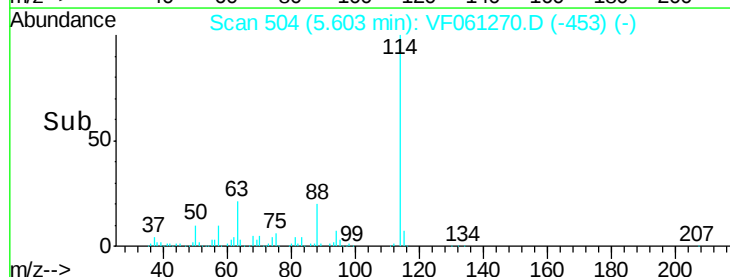
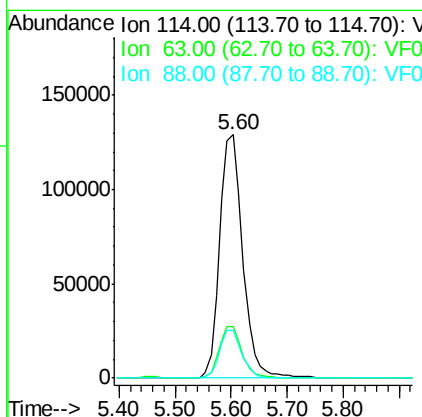
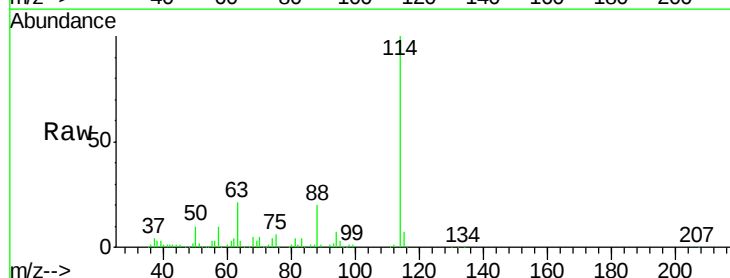
Tgt Ion: 114 Resp: 371539

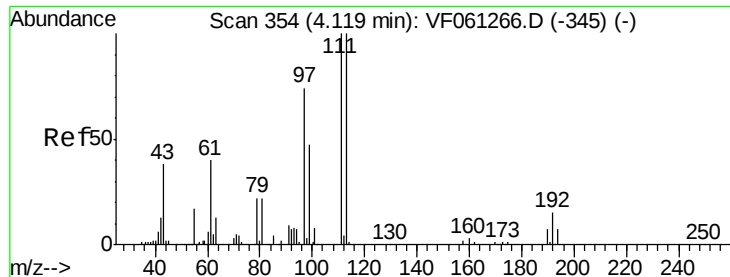
Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.8

88 19.7 0.0 38.4





#35

Dibromofluoromethane

Concen: 50.490 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

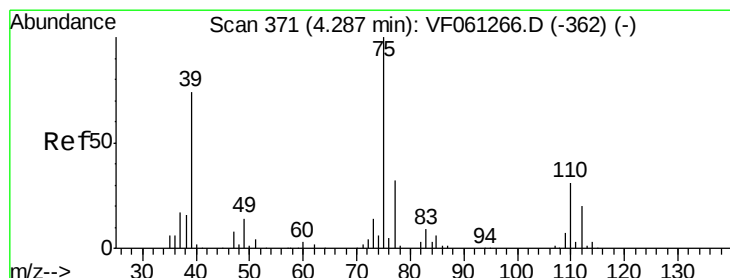
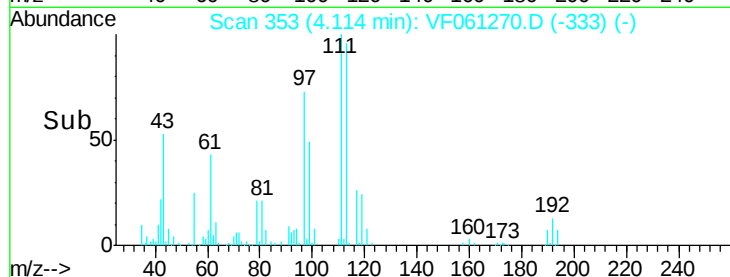
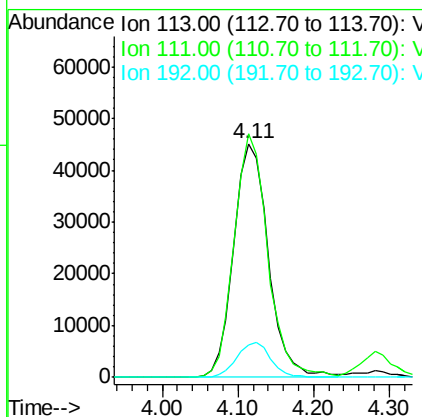
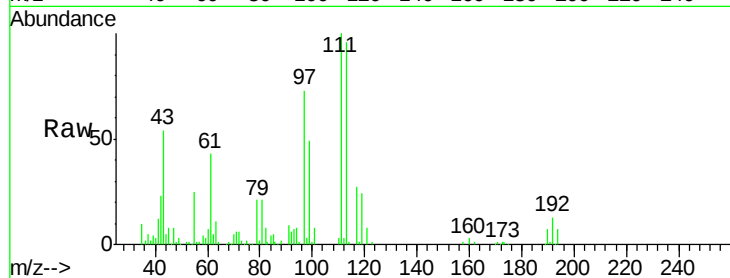
ClientSampleId :

ICVVF010319

Tot Ion:	113	Resp:	144323
Ion	Ratio	Lower	Upper
113	100		
111	104.3	79.8	119.6
192	13.6	11.9	17.9

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#36

1,1-Dichloropropene

Concen: 52.736 ug/l

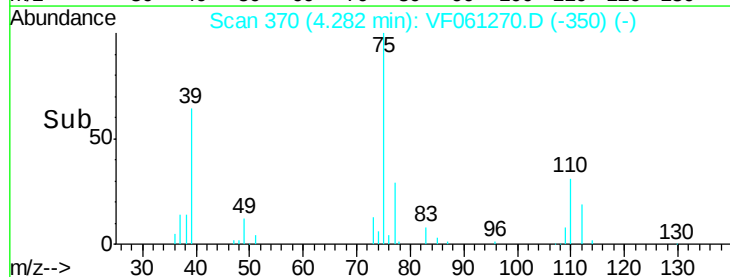
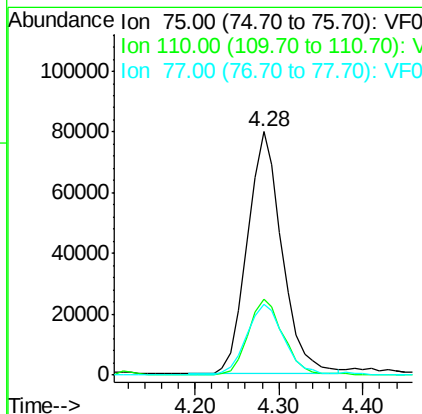
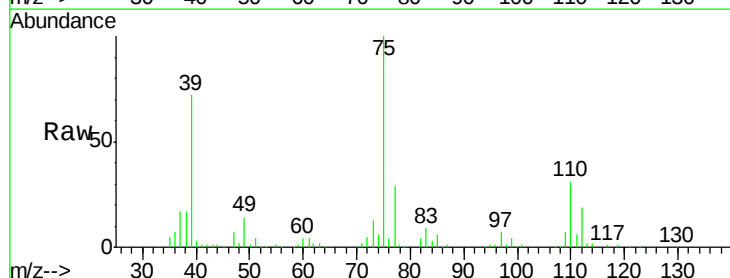
RT: 4.28 min Scan# 370

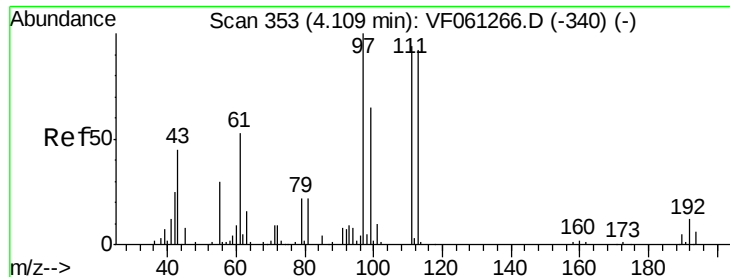
Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Tgt Ion:	75	Resp:	230763
Ion	Ratio	Lower	Upper
75	100		
110	31.3	15.4	46.4
77	29.0	25.6	38.4





#37

Ethyl Acetate

Concen: 56.157 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.00 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

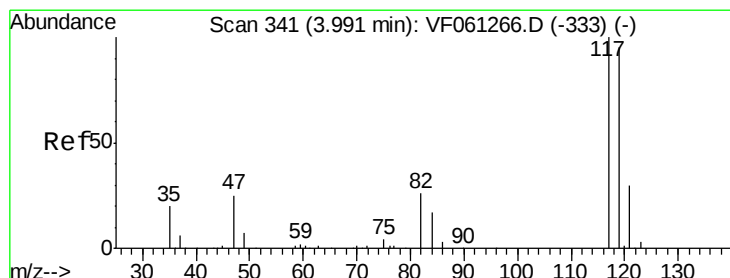
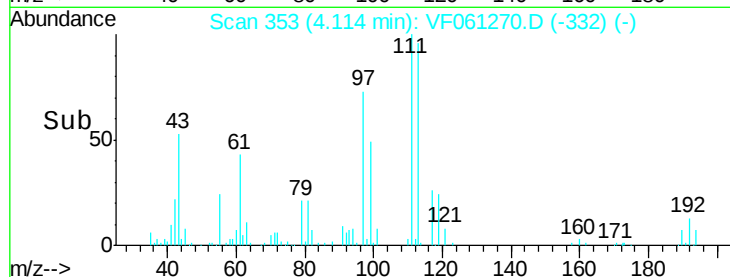
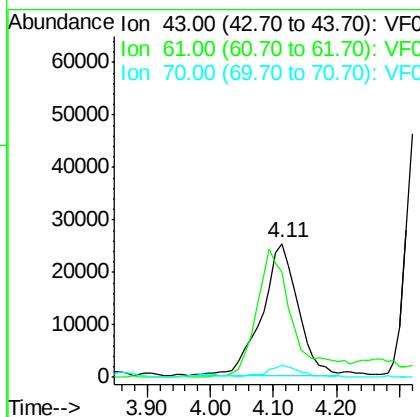
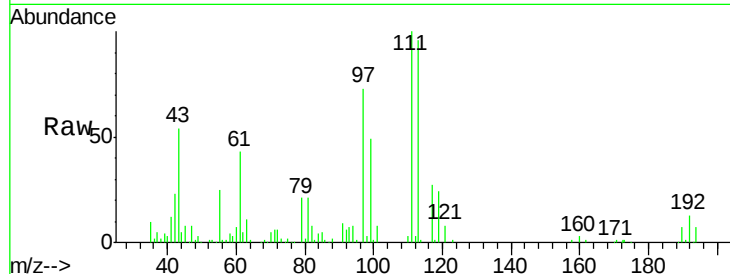
ClientSampleId :

ICVVF010319

Tot Ion:	43	Resp:	98113
Ion	Ratio	Lower	Upper
43	100		
61	78.9	91.2	136.8#
70	8.9	7.1	10.7

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#38

Carbon Tetrachloride

Concen: 47.332 ug/l

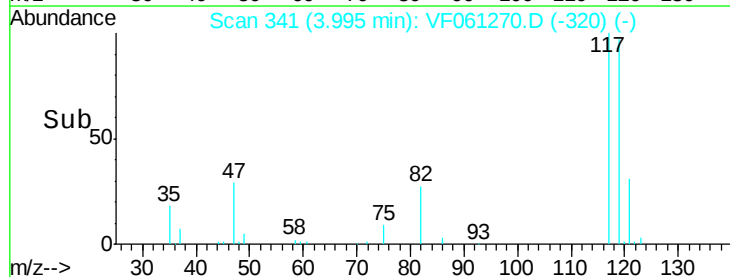
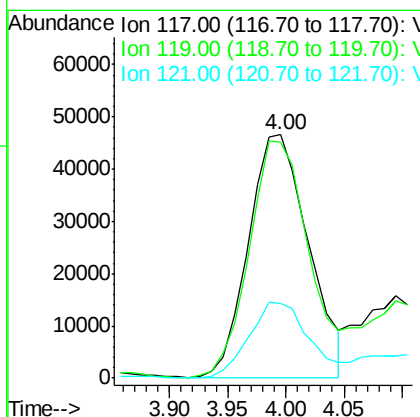
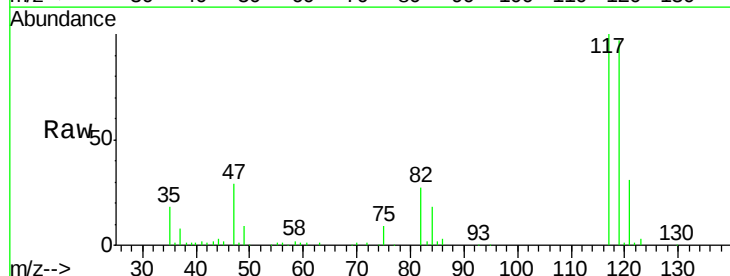
RT: 4.00 min Scan# 341

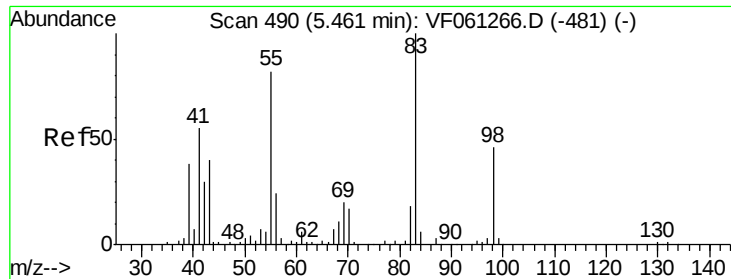
Delta R.T. 0.00 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Tgt Ion:	117	Resp:	165815
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.0	114.0
121	30.5	23.8	35.8





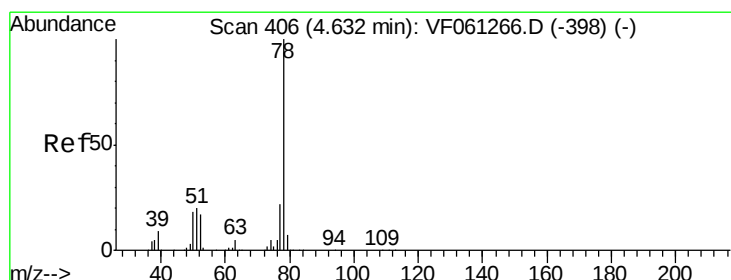
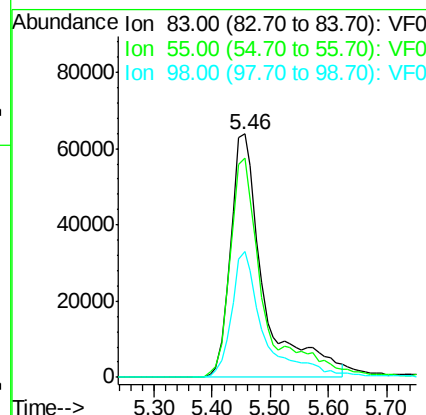
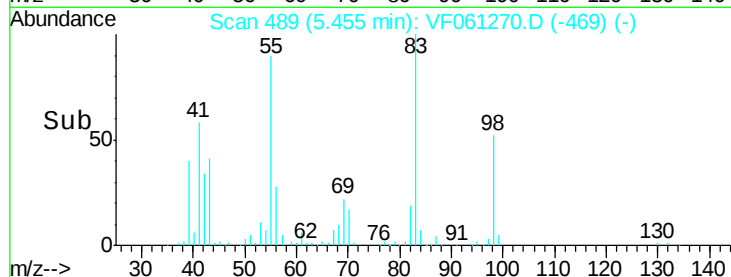
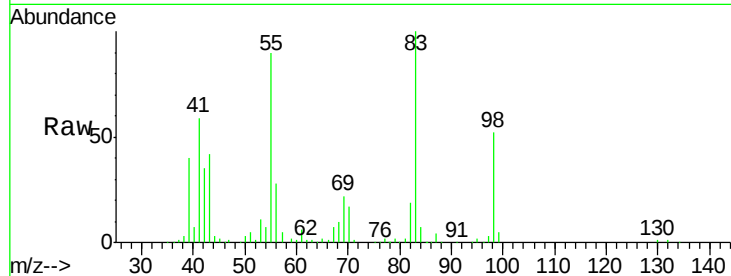
#39
Methvlcvclohexane
Concen: 54.522 ug/l
RT: 5.46 min Scan# 489
Delta R.T. -0.01 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Instrument :
MSVOA_F
ClientSampleId :
ICVVF010319

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.3	65.6	98.4
98	51.7	36.7	55.1

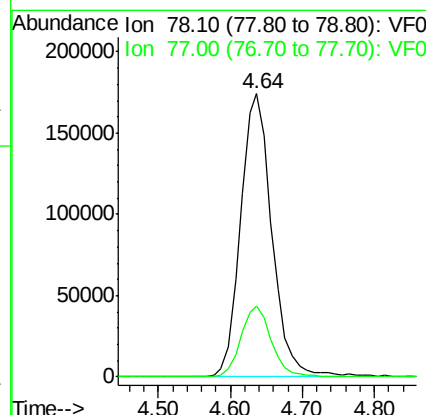
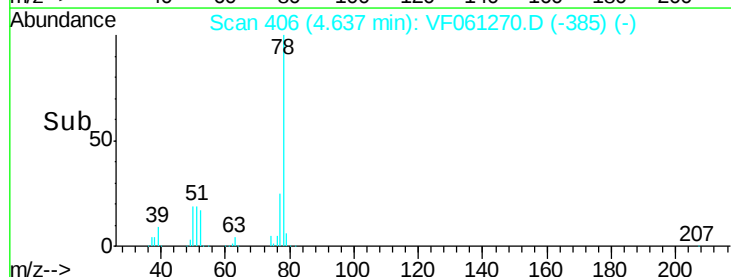
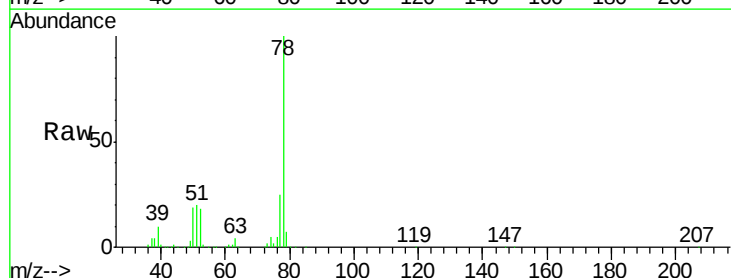
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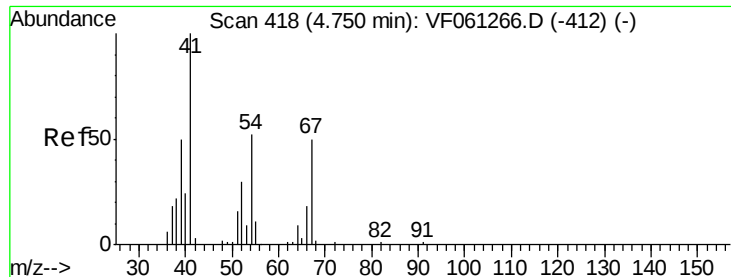
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#40
Benzene
Concen: 53.049 ug/l
RT: 4.64 min Scan# 406
Delta R.T. 0.00 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	18.0	27.0





#41

Methacrylonitrile

Concen: 51.426 ug/l

RT: 4.75 min Scan# 417

Delta R.T. -0.00 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

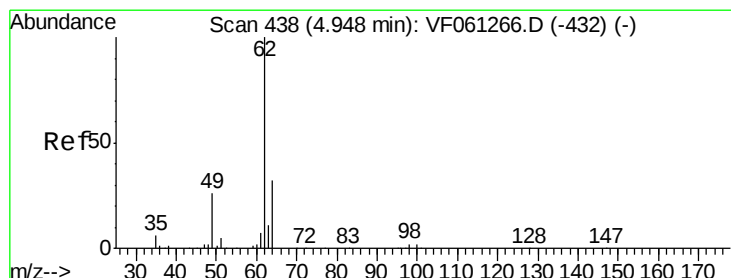
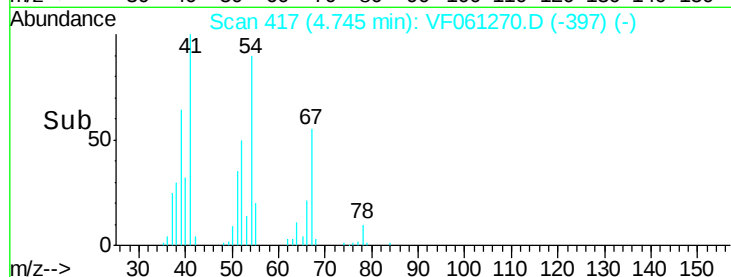
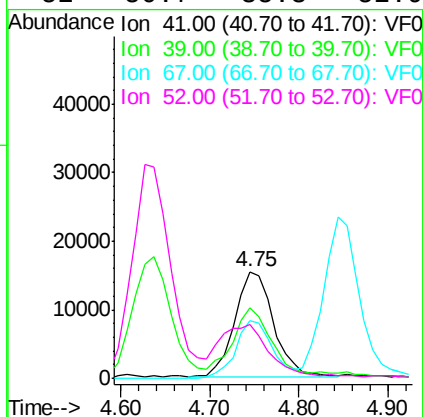
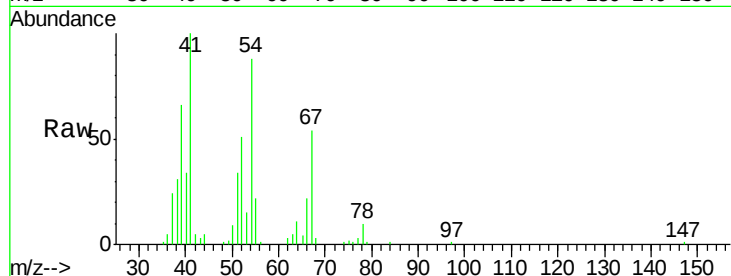
ClientSampleId :

ICVVF010319

Tot Ion:	41	Resp:	46231
Ion	Ratio	Lower	Upper
41	100		
39	66.0	44.6	66.8
67	53.6	39.3	58.9
52	50.7	35.3	52.9

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#42

1,2-Dichloroethane

Concen: 52.461 ug/l

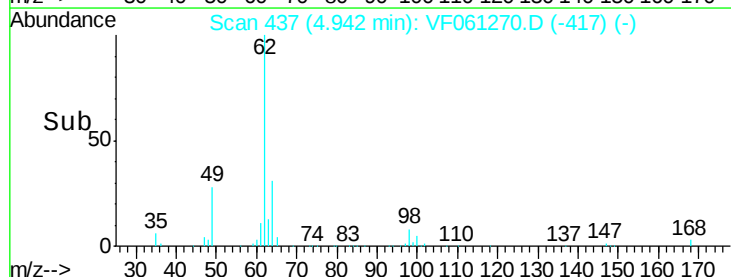
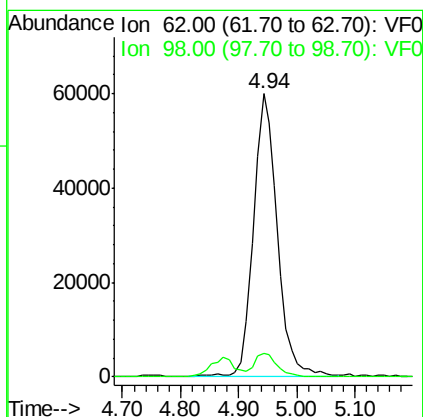
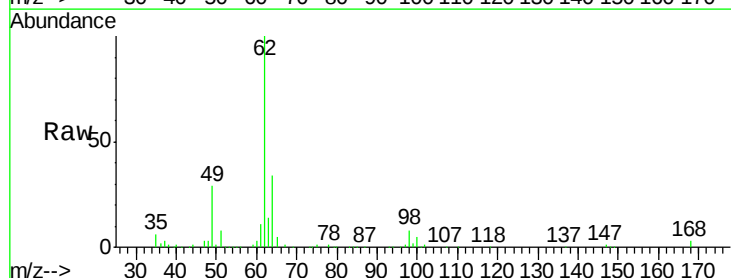
RT: 4.94 min Scan# 437

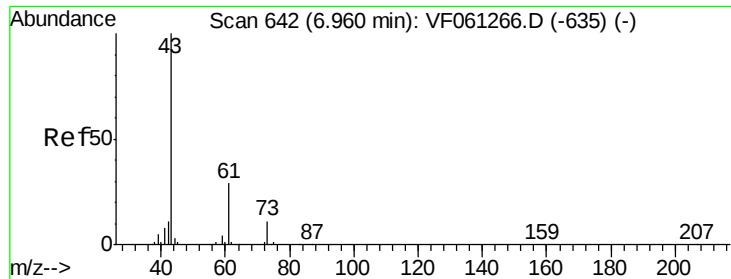
Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Tgt Ion:	62	Resp:	174311
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	13.4





#43

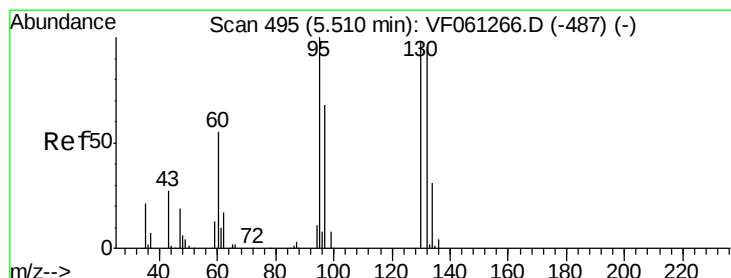
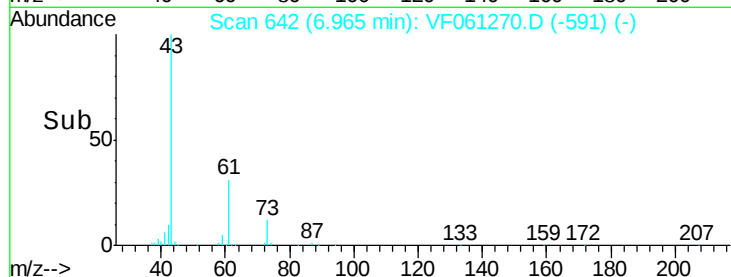
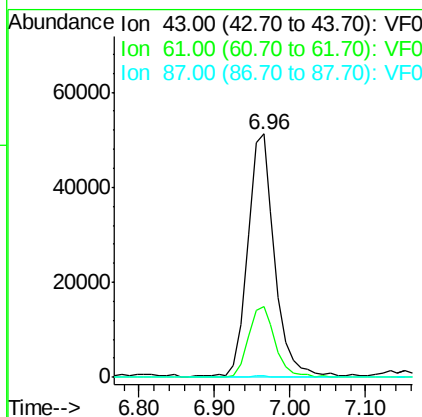
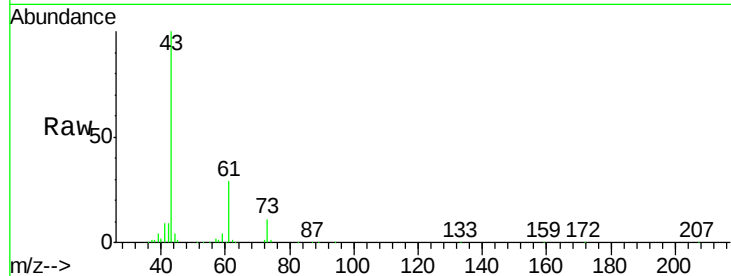
Isopropyl Acetate
 Concen: 53.731 ug/l
 RT: 6.96 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: VF061270.D
 Acq: 3 Jan 2019 17:40

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVV010319

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.4	35.2
87	0.5	0.3	0.5

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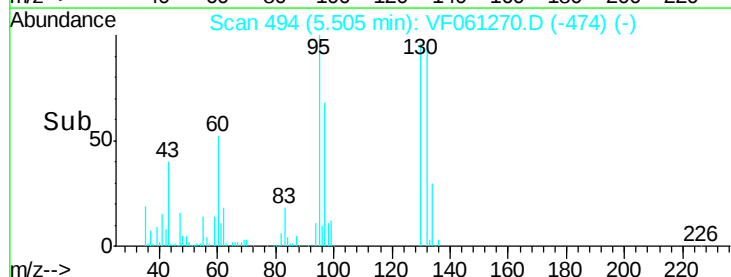
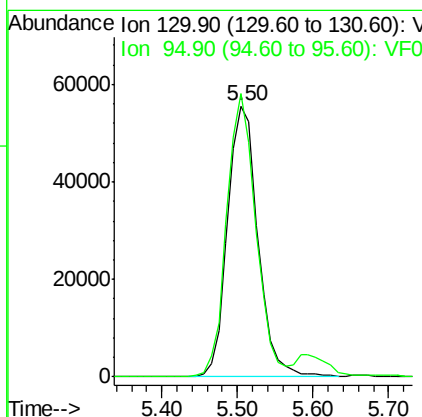
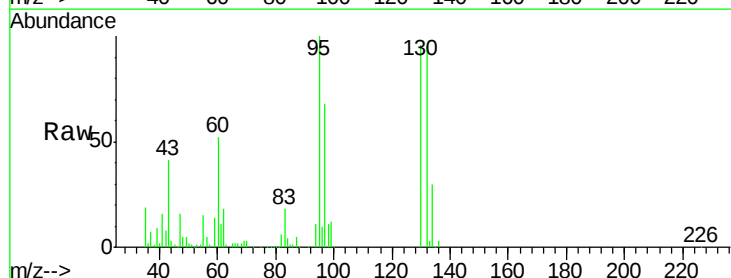
apatel
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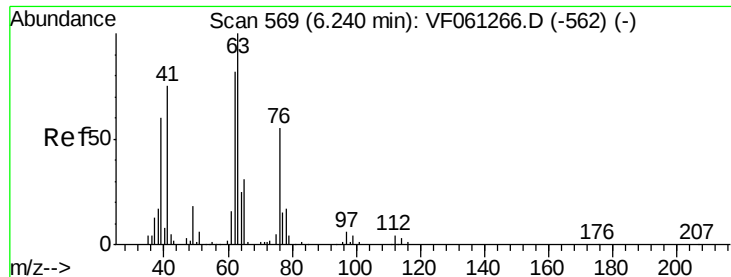


#44

Trichloroethene
 Concen: 49.896 ug/l
 RT: 5.50 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VF061270.D
 Acq: 3 Jan 2019 17:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.4	0.0	204.0





#45

1,2-Dichloropropane

Concen: 53.850 ug/l

RT: 6.23 min Scan# 568

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

ClientSampleId :

ICVVF010319

Tot Ion: 63 Resp: 136531

Ion Ratio Lower Upper

63 100

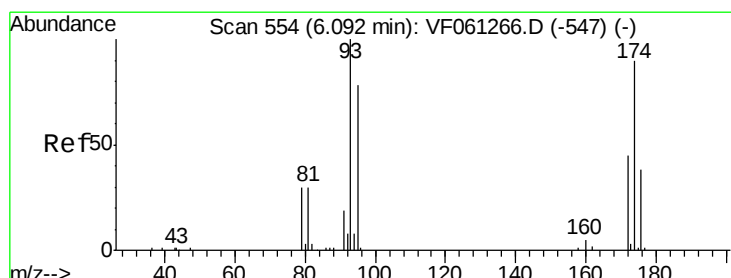
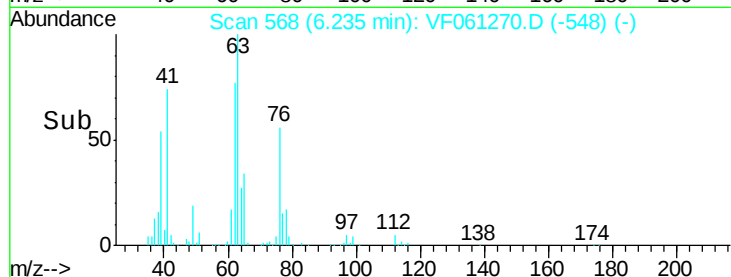
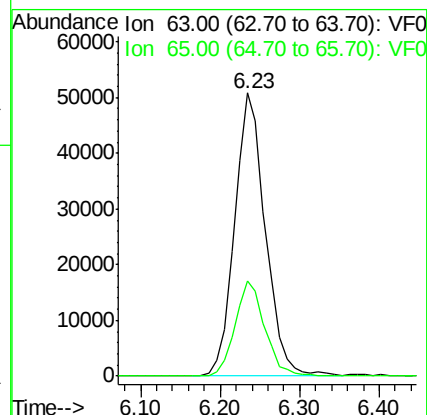
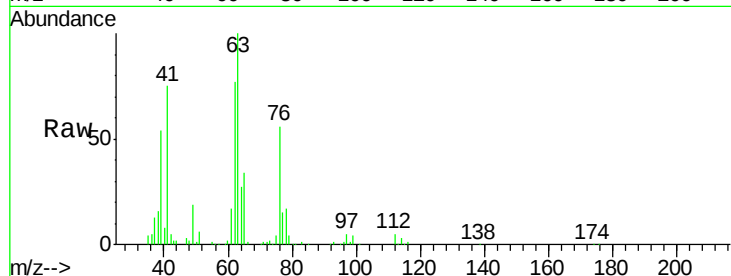
65 33.9 24.4 36.6

Manual Integrations

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#46

Dibromomethane

Concen: 54.314 ug/l

RT: 6.09 min Scan# 553

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

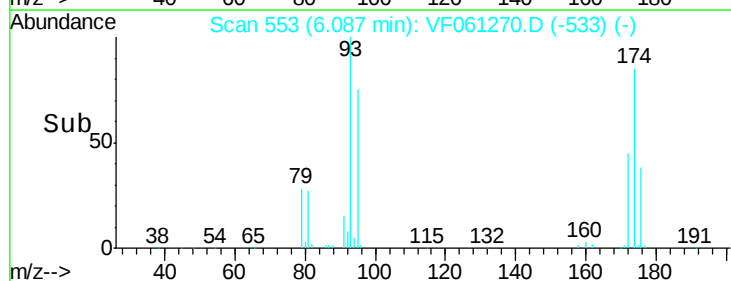
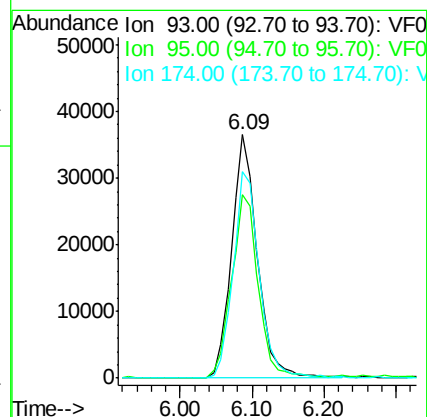
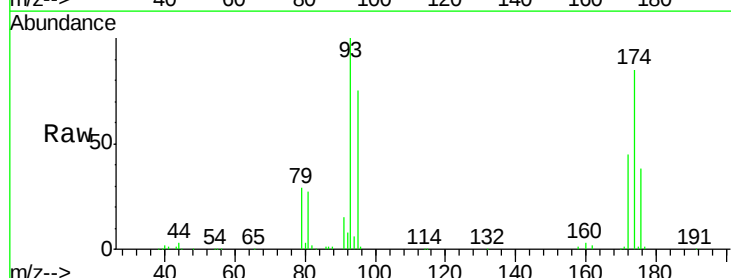
Tgt Ion: 93 Resp: 90614

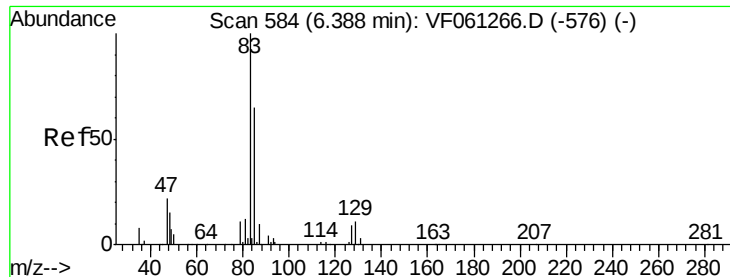
Ion Ratio Lower Upper

93 100

95 75.5 62.4 93.6

174 84.8 71.9 107.9





#47

Bromodichloromethane

Concen: 53.210 ug/l

RT: 6.39 min Scan# 584

Delta R.T. 0.00 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

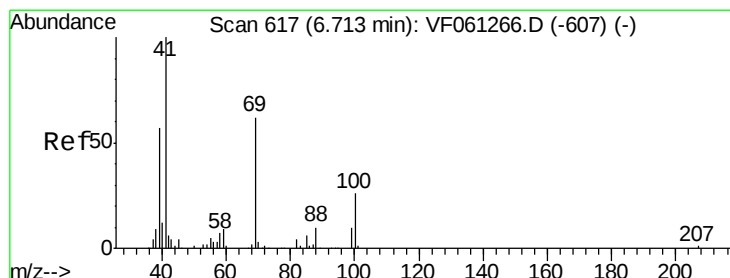
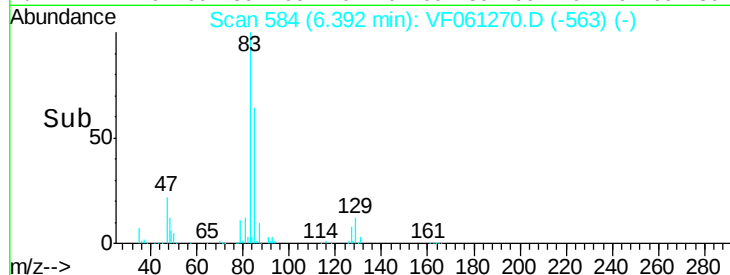
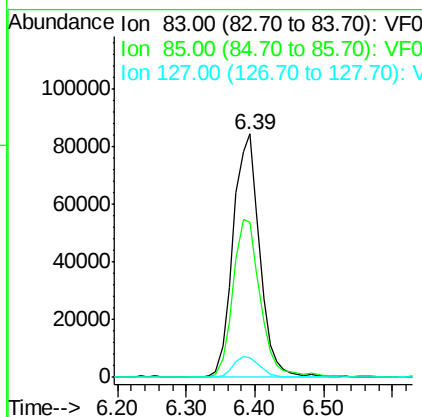
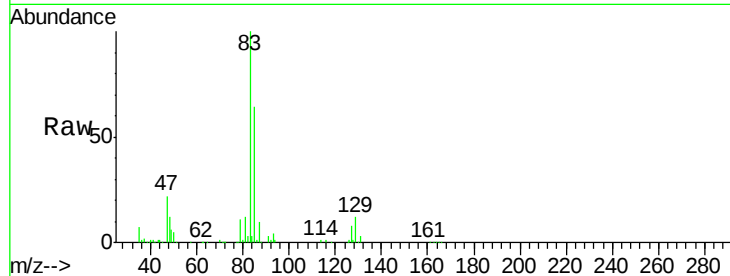
ClientSampleId :

ICVVF010319

Tot Ion:	83	Resp:	225971
Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.1	78.1
127	8.1	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.774 ug/l

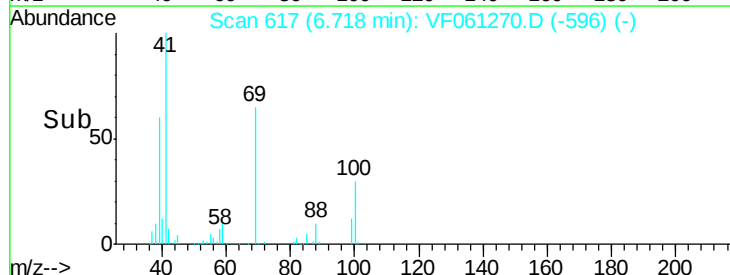
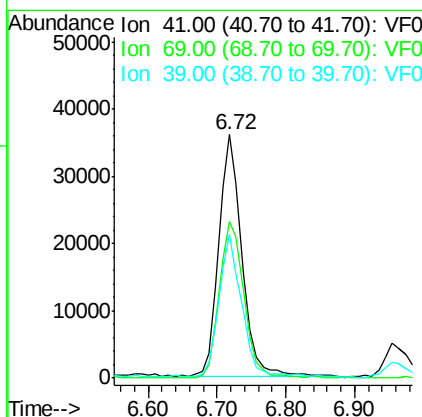
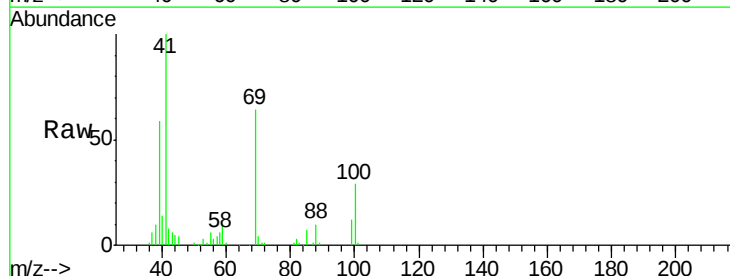
RT: 6.72 min Scan# 617

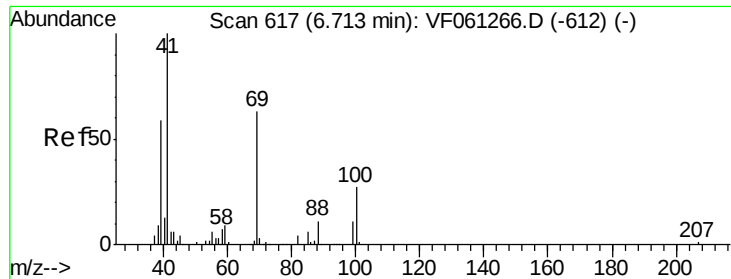
Delta R.T. 0.00 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Tgt Ion:	41	Resp:	84192
Ion	Ratio	Lower	Upper
41	100		
69	64.1	49.8	74.8
39	59.3	46.4	69.6





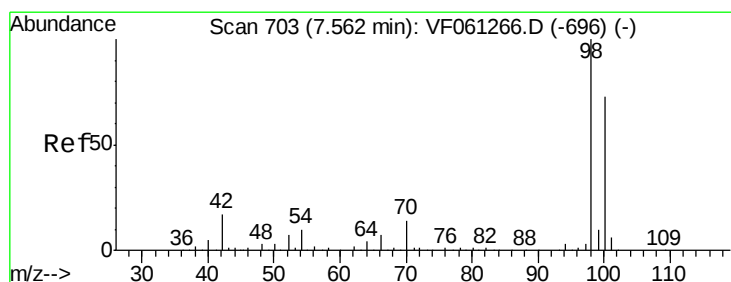
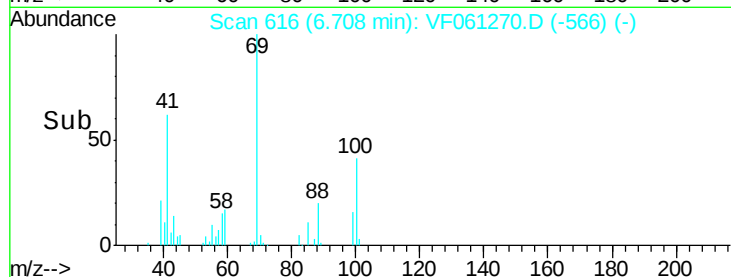
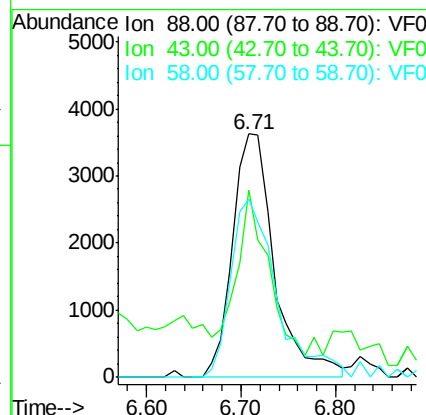
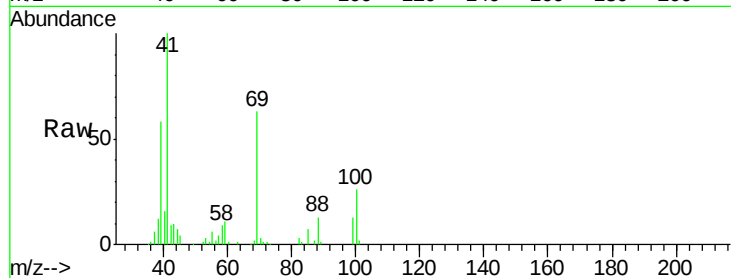
#49
1,4-Dioxane
Concen: 1067.458 ug/l
RT: 6.71 min Scan# 616
Delta R.T. -0.01 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Instrument :
MSVOA_F
ClientSampleId :
ICVVF010319

Tot Ion	88	Resp	11165
Ion Ratio	Lower	Upper	
88	100		
43	76.7	55.2	82.8
58	73.1	50.9	76.3

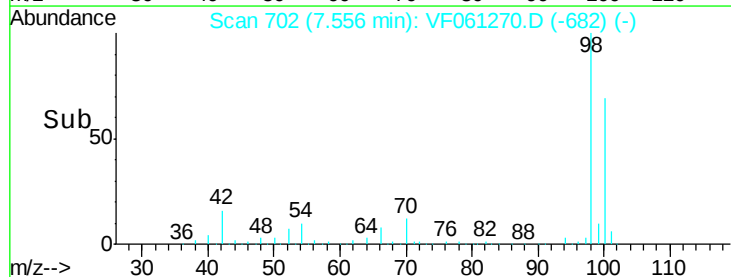
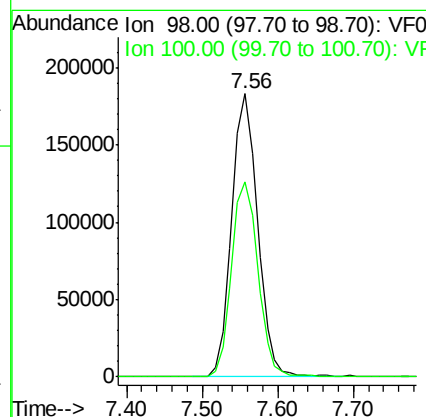
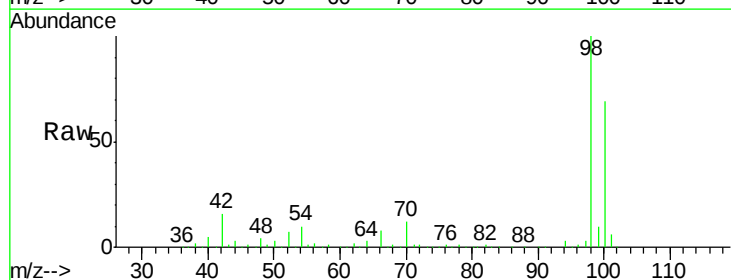
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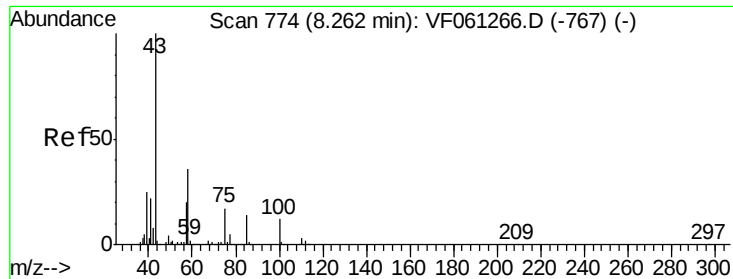
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#50
Toluene-d8
Concen: 51.380 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Tgt Ion	98	Resp	435830
Ion Ratio	Lower	Upper	
98	100		
100	69.0	58.1	87.1





#51

4-Methyl-2-Pentanone

Concen: 289.206 ug/l

RT: 8.26 min Scan# 773

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

ClientSampleId :

ICVVF010319

Tot Ion: 43 Resp: 421368

Ion Ratio Lower Upper

43 100

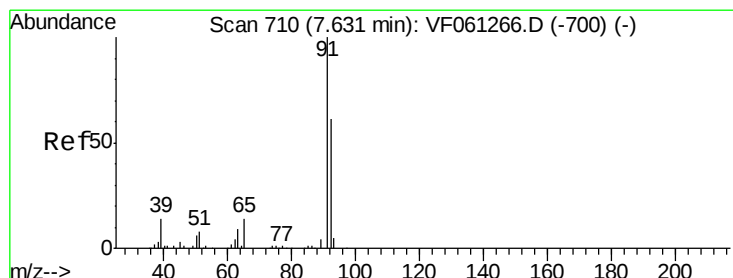
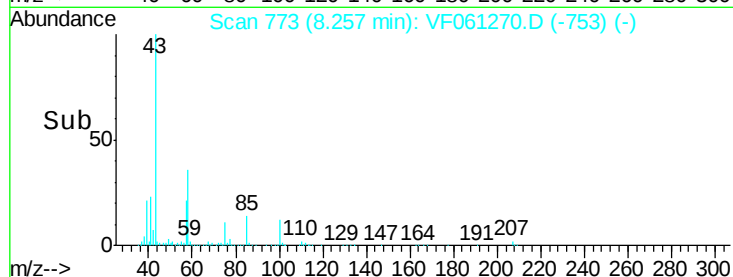
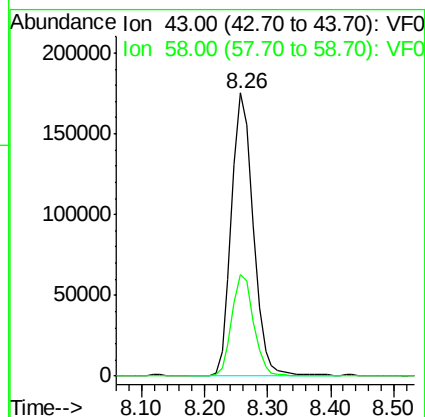
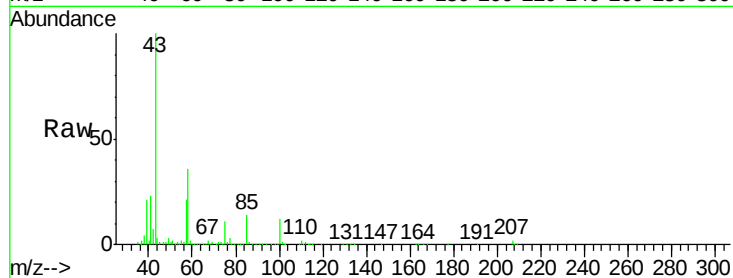
58 35.9 29.1 43.7

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#52

Toluene

Concen: 50.731 ug/l

RT: 7.63 min Scan# 709

Delta R.T. -0.01 min

Lab File: VF061270.D

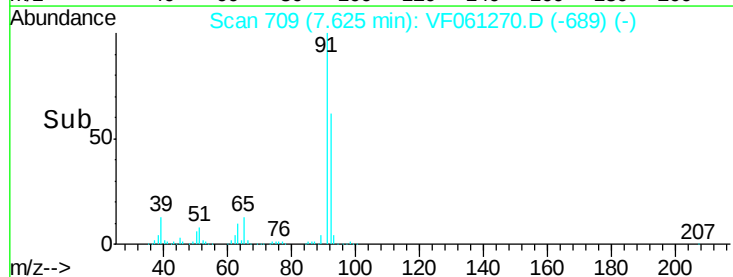
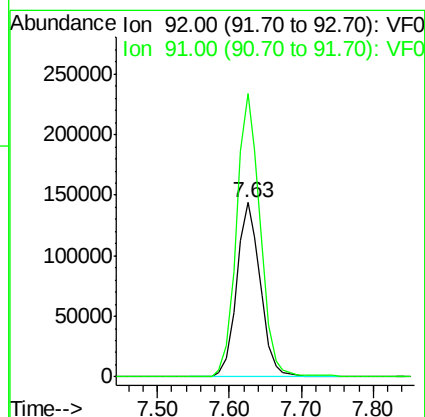
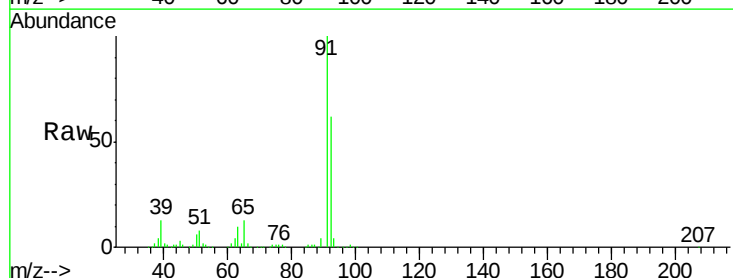
Acq: 3 Jan 2019 17:40

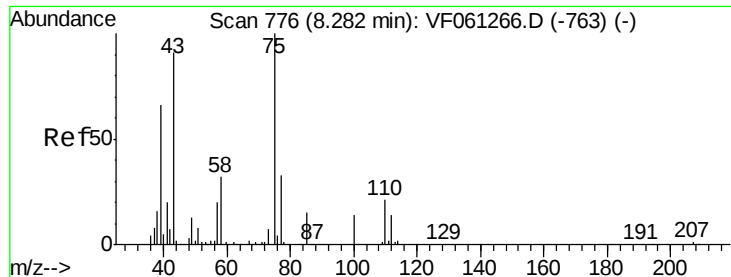
Tgt Ion: 92 Resp: 328963

Ion Ratio Lower Upper

92 100

91 162.5 130.5 195.7





#53

t-1,3-Dichloropropene

Concen: 49.920 ug/l

RT: 8.28 min Scan# 775

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Tot Ion: 75 Resp: 172822

Ion Ratio Lower Upper

75 100

77 32.8 26.8 40.2

Instrument :

MSVOA_F

ClientSampleId :

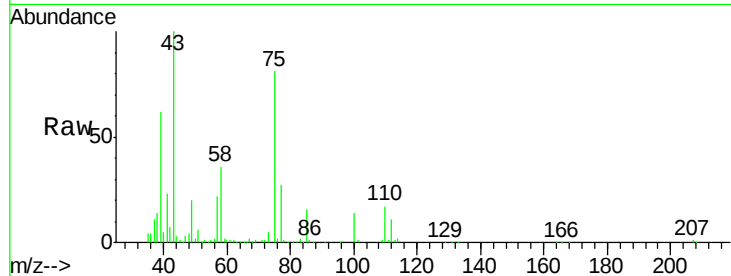
ICVVF010319

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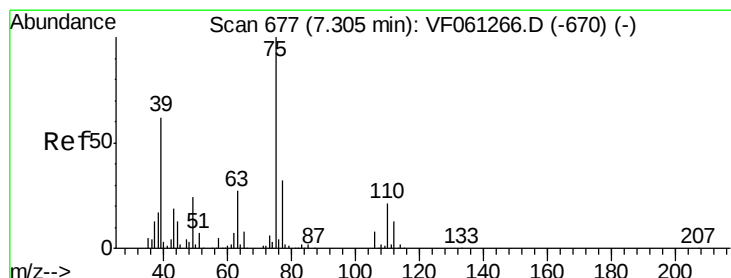
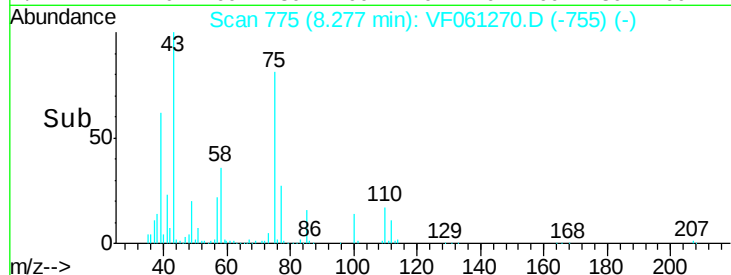
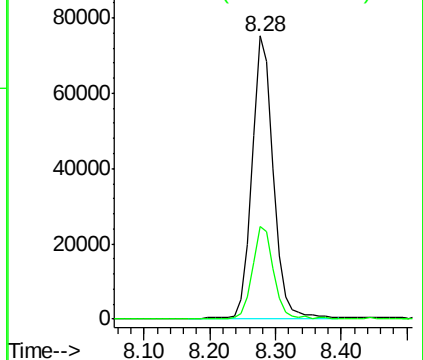
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Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#54

cis-1,3-Dichloropropene

Concen: 51.915 ug/l

RT: 7.30 min Scan# 676

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

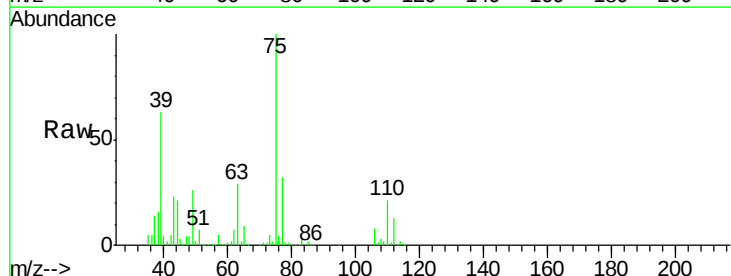
Tgt Ion: 75 Resp: 228432

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2

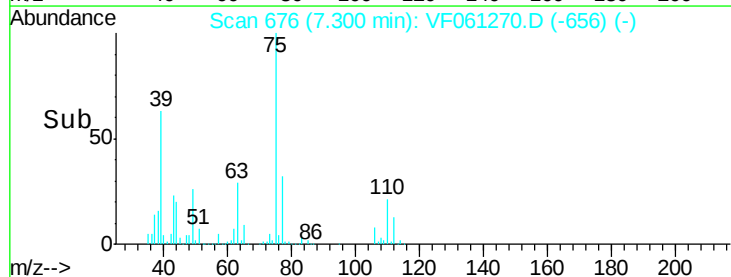
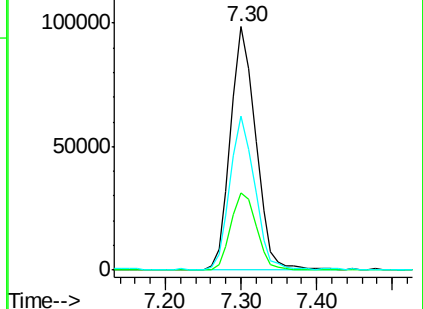
39 63.2 49.5 74.3

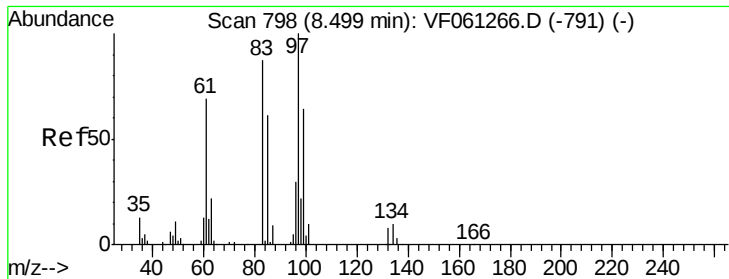


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#55

1,1,2-Trichloroethane

Concen: 55.127 ug/l

RT: 8.49 min Scan# 797

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

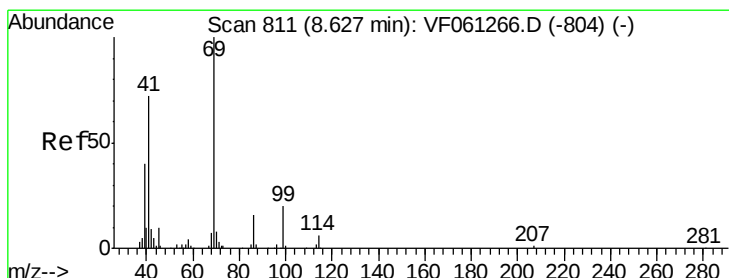
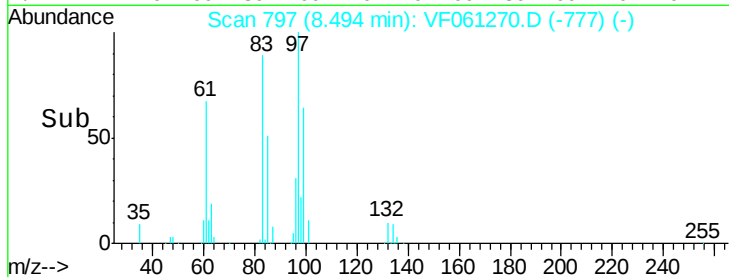
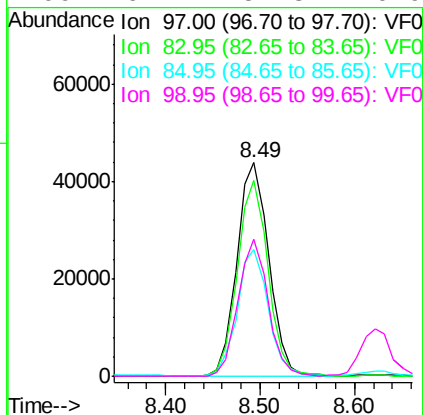
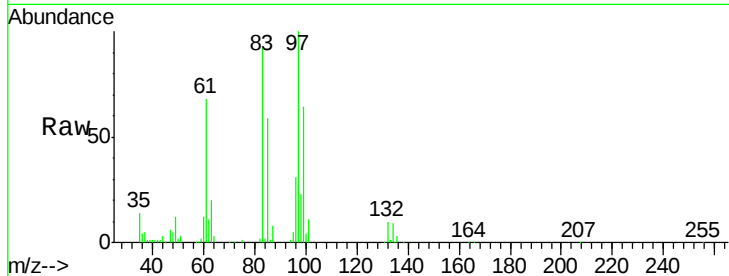
ClientSampleId :

ICVVF010319

Tot Ion:	97	Resp:	102800
Ion	Ratio	Lower	Upper
97	100		
83	91.8	69.7	104.5
85	59.3	49.1	73.7
99	64.2	51.3	76.9

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#56

Ethyl methacrylate

Concen: 57.846 ug/l

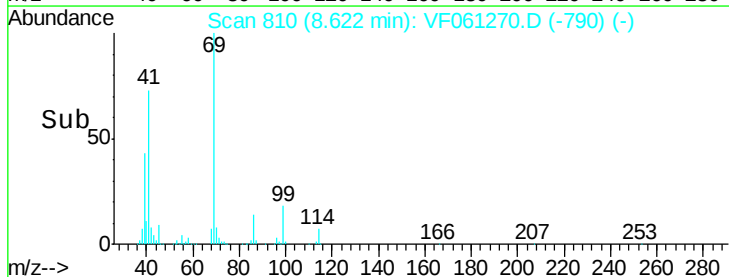
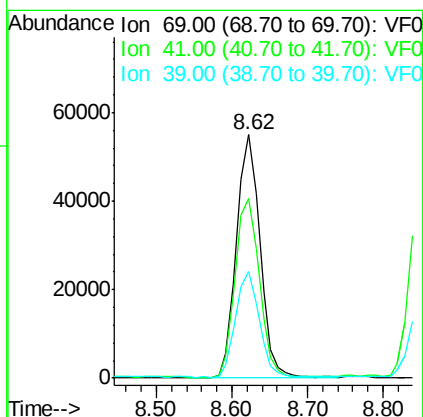
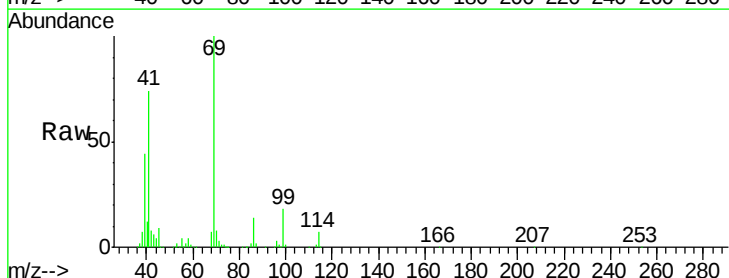
RT: 8.62 min Scan# 810

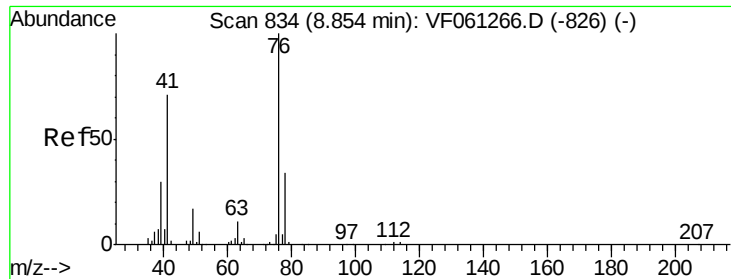
Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Tgt Ion:	69	Resp:	119214
Ion	Ratio	Lower	Upper
69	100		
41	73.9	58.1	87.1
39	43.8	32.6	49.0





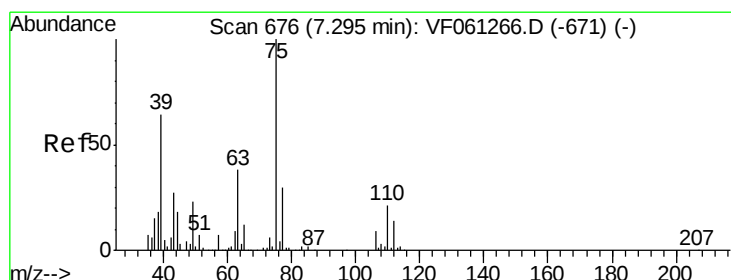
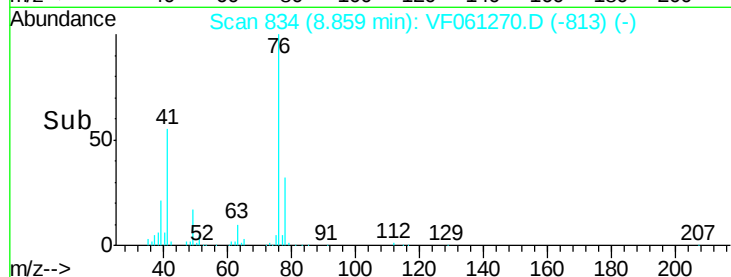
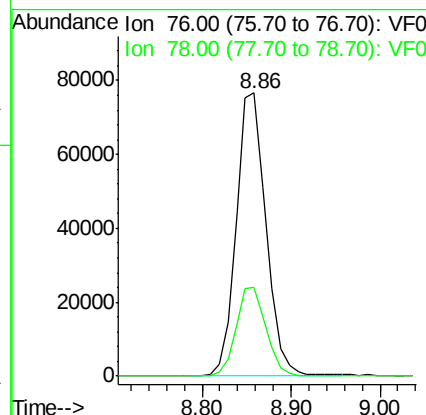
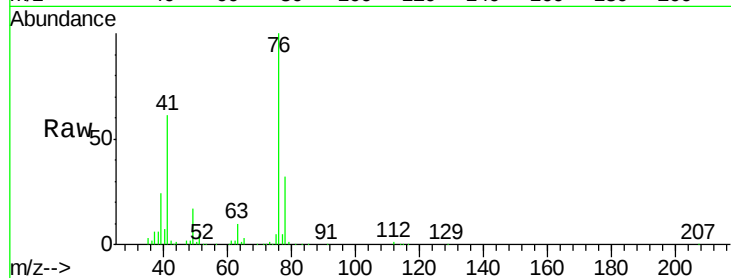
#57
 1,3-Dichloropropane
 Concen: 51.177 ug/l
 RT: 8.86 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: VF061270.D
 Acq: 3 Jan 2019 17:40

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVV010319

Tot Ion: 76 Resp: 179395
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.8 40.2

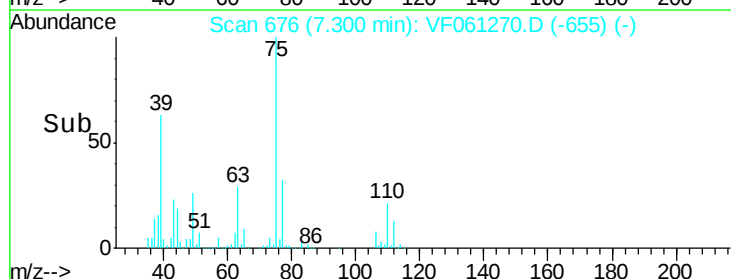
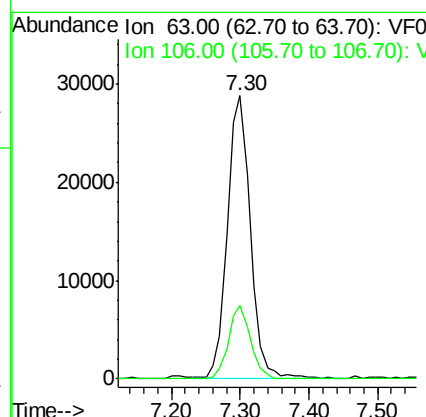
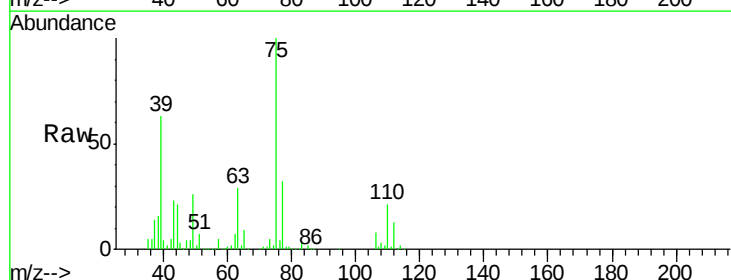
Manual Integrations
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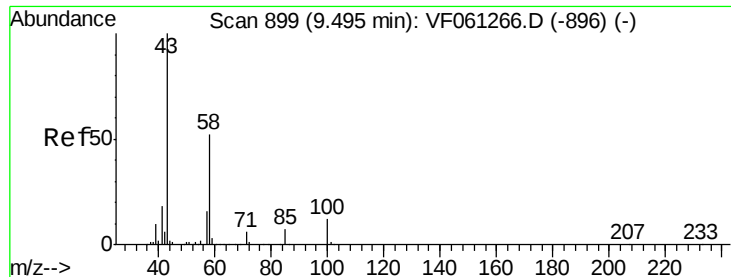
apatel
 1/4/2019 2:13:03 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.953 ug/l
 RT: 7.30 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VF061270.D
 Acq: 3 Jan 2019 17:40

Tgt Ion: 63 Resp: 67061
 Ion Ratio Lower Upper
 63 100
 106 26.0 19.2 28.8





#59

2-Hexanone

Concen: 242.364 ug/l

RT: 9.49 min Scan# 898

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

ClientSampleId :

ICVVF010319

Tot Ion: 43 Resp: 284090

Ion Ratio Lower Upper

43 100

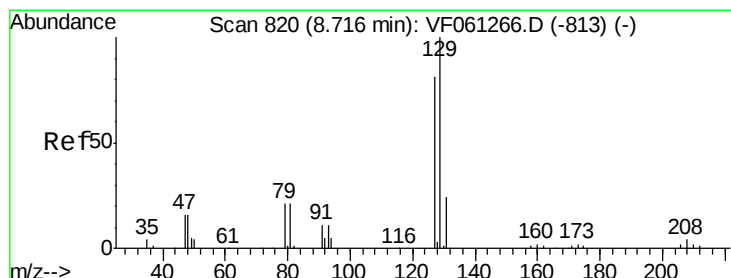
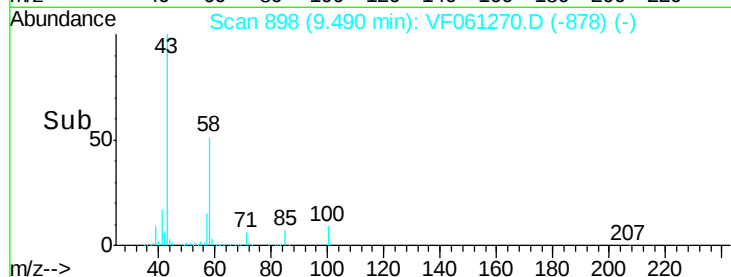
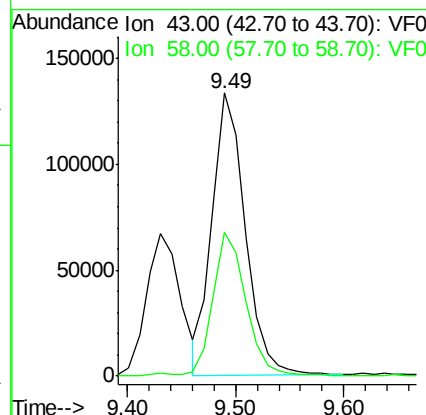
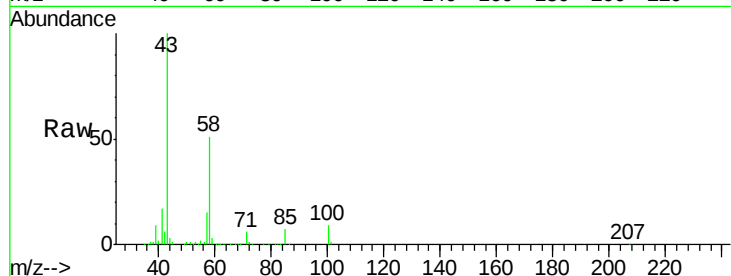
58 50.9 24.4 73.4

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#60

Dibromochloromethane

Concen: 52.864 ug/l

RT: 8.72 min Scan# 820

Delta R.T. 0.00 min

Lab File: VF061270.D

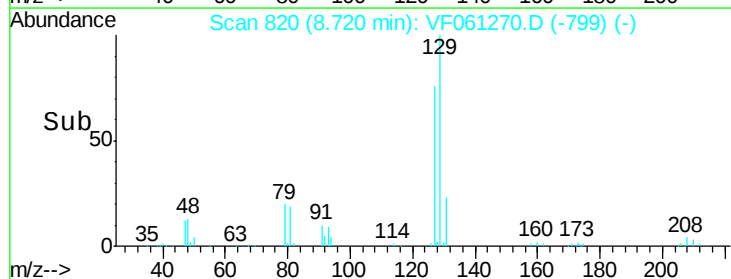
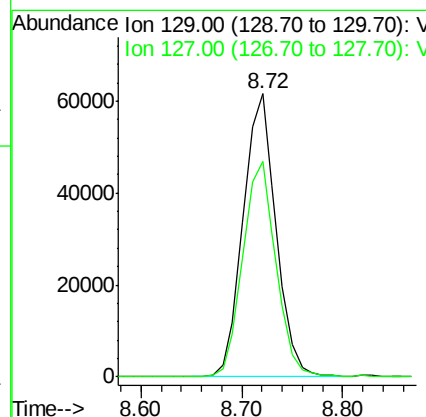
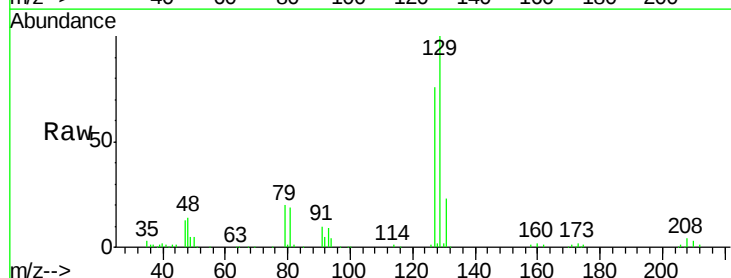
Acq: 3 Jan 2019 17:40

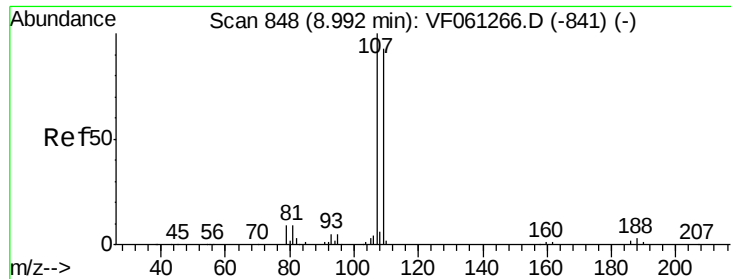
Tgt Ion: 129 Resp: 140026

Ion Ratio Lower Upper

129 100

127 76.2 40.7 122.1





#61

1,2-Dibromoethane

Concen: 51.980 ug/l

RT: 8.99 min Scan# 847

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

ClientSampleId :

ICVVF010319

Tot Ion:107 Resp: 104613

Ion Ratio Lower Upper

107 100

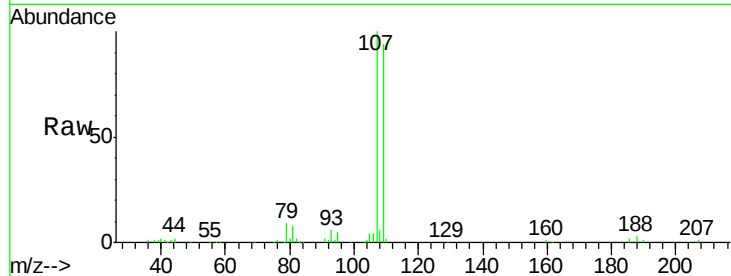
109 93.7 74.2 111.4

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Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.99

50000

40000

30000

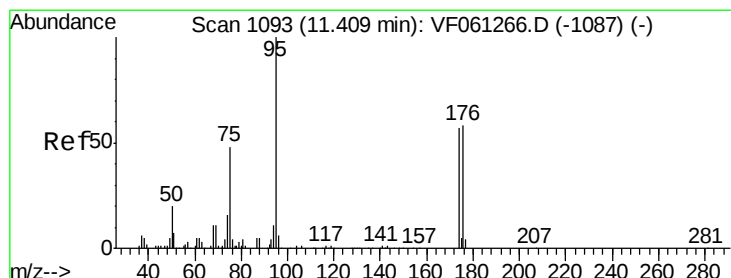
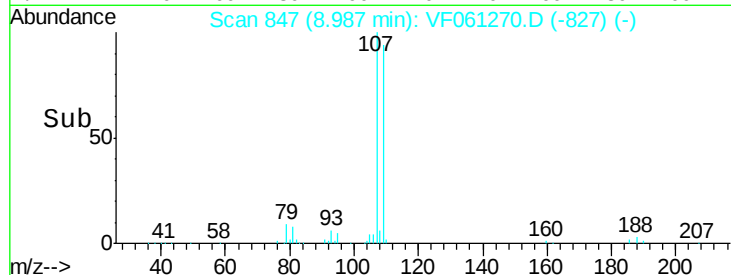
20000

10000

0

8.90 9.00 9.10 9.20

Time-->



#62

4-Bromofluorobenzene

Concen: 46.792 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

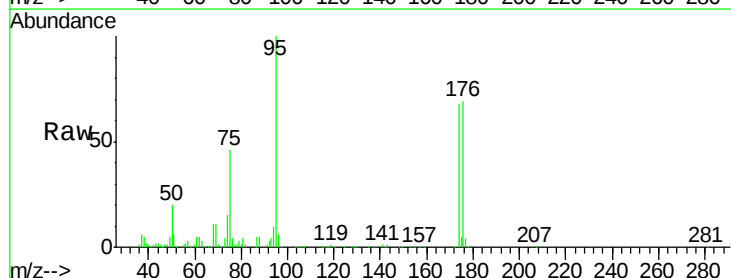
Tgt Ion: 95 Resp: 175867

Ion Ratio Lower Upper

95 100

174 68.0 0.0 113.2

176 69.3 0.0 115.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

11.41

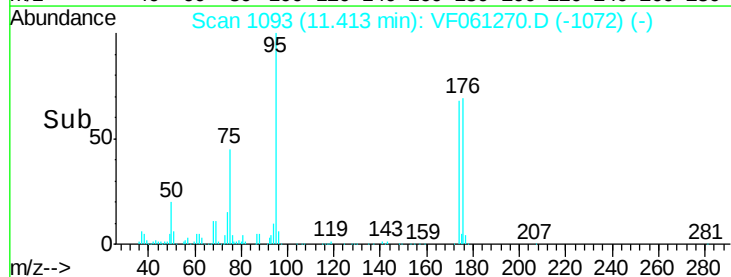
100000

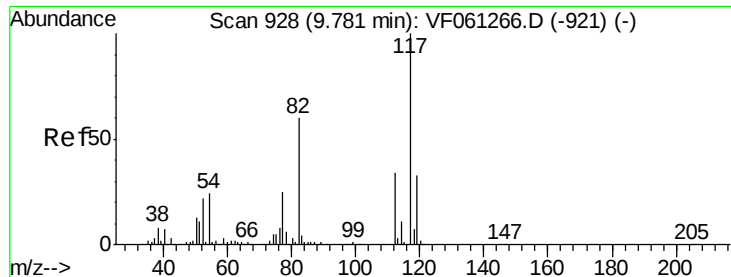
50000

0

11.30 11.40 11.50

Time-->





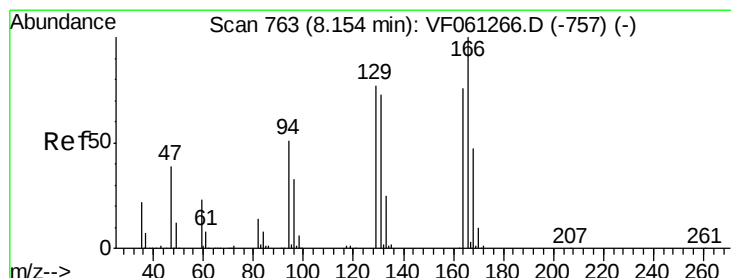
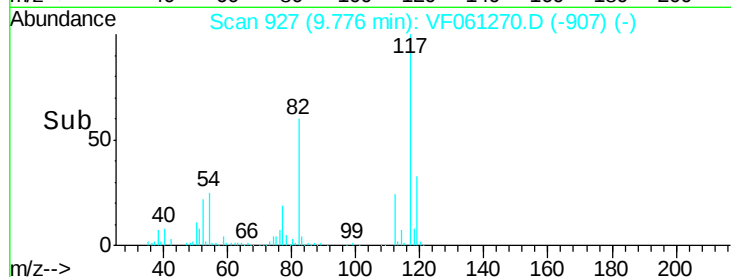
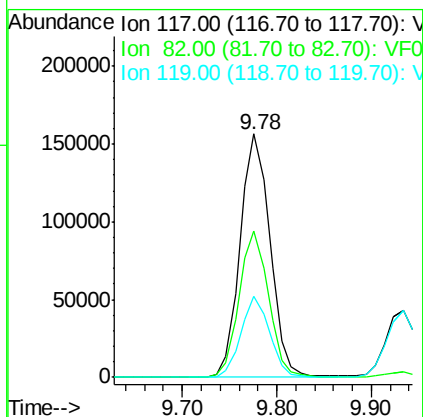
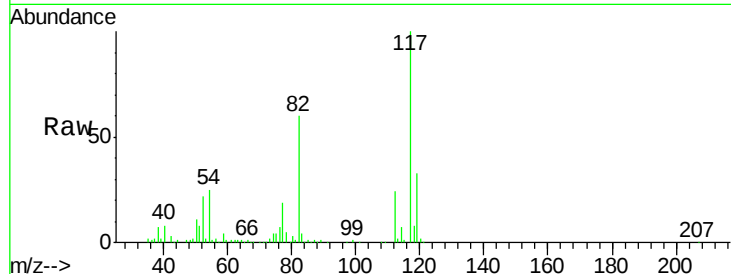
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Instrument :
MSVOA_F
ClientSampleId :
ICVVF010319

Tot Ion	Ratio	Resp	Lower	Upper
117	100	345106		
82	60.0		47.8	71.6
119	33.1		26.1	39.1

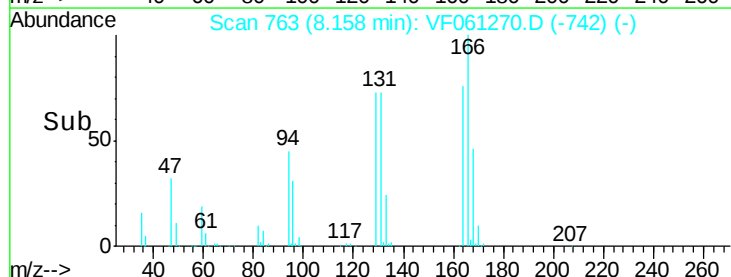
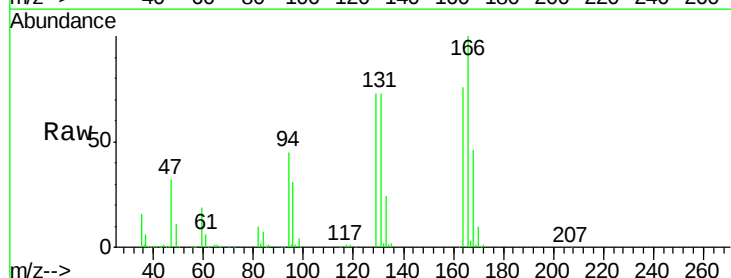
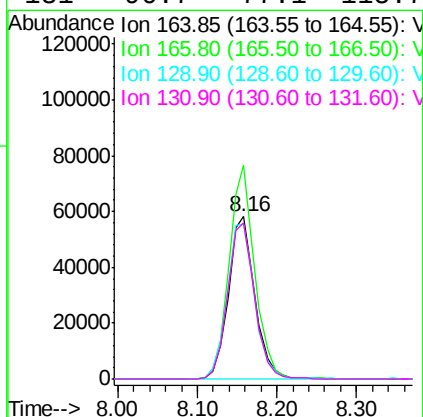
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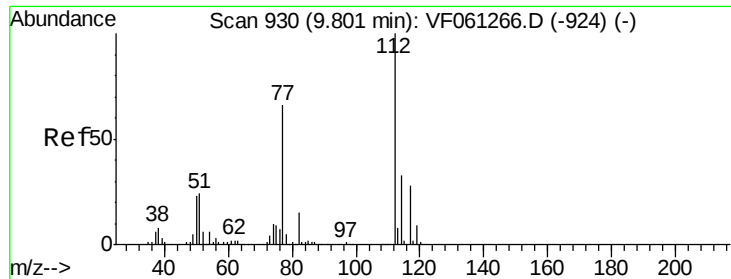
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#64
Tetrachloroethene
Concen: 50.988 ug/l
RT: 8.16 min Scan# 763
Delta R.T. 0.00 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	134850		
166	131.7		105.1	157.7
129	95.6		81.0	121.6
131	96.7		77.1	115.7





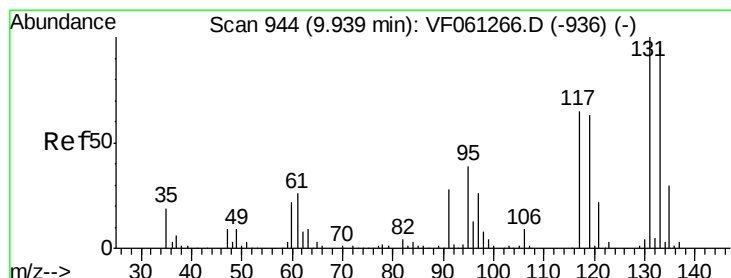
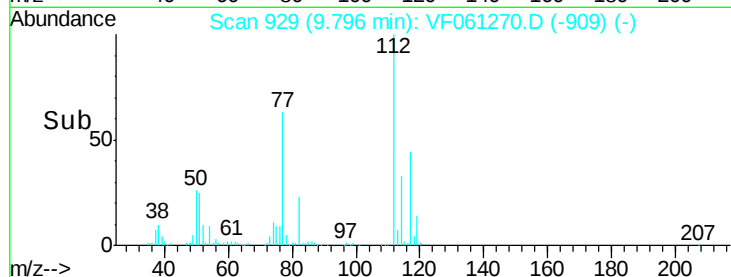
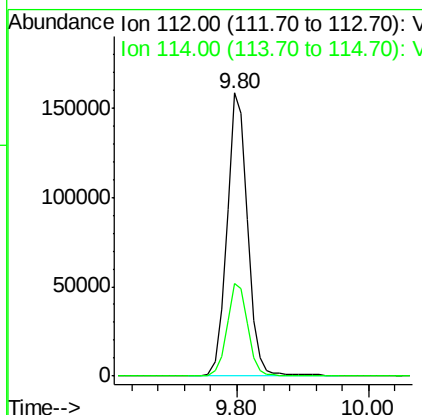
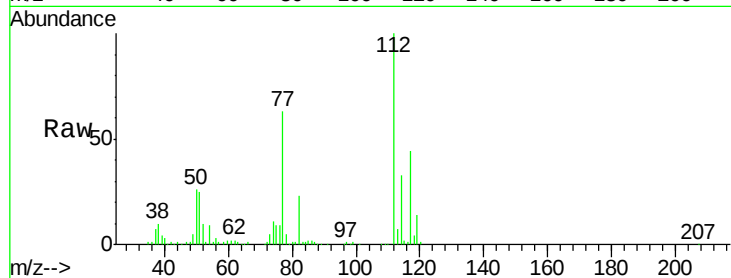
#65
Chlorobenzene
Concen: 49.687 ug/l
RT: 9.80 min Scan# 929
Delta R.T. -0.01 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Instrument :
MSVOA_F
ClientSampleId :
ICVVF010319

Tot Ion:112 Resp: 348680
Ion Ratio Lower Upper
112 100
114 32.8 26.4 39.6

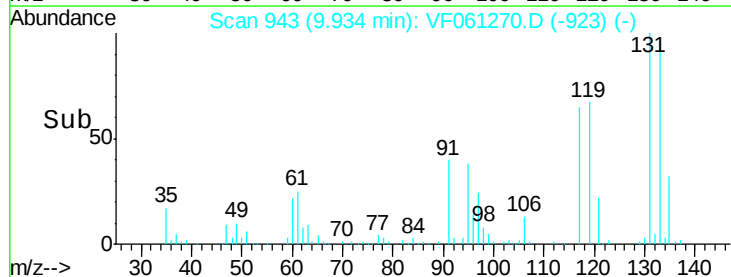
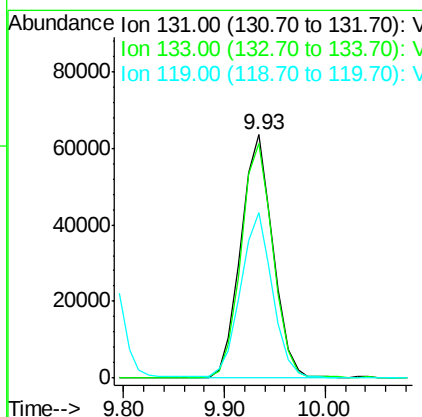
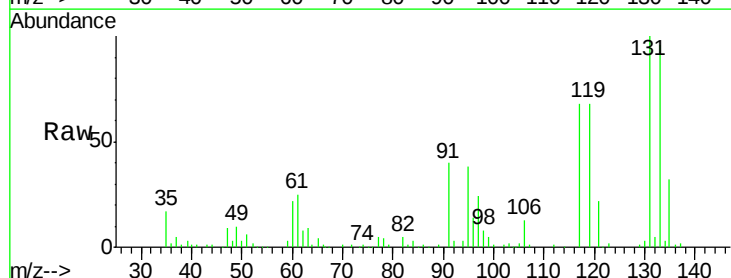
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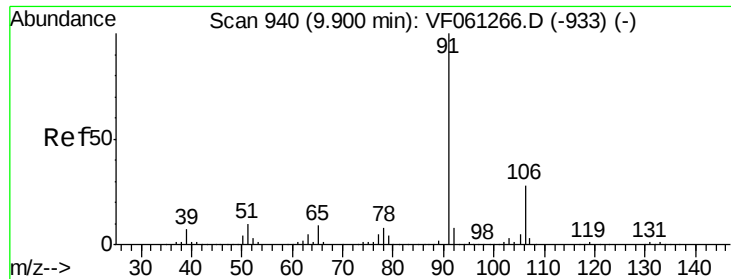
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.980 ug/l
RT: 9.93 min Scan# 943
Delta R.T. -0.01 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Tgt Ion:131 Resp: 141155
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.5
119 67.9 32.2 96.6





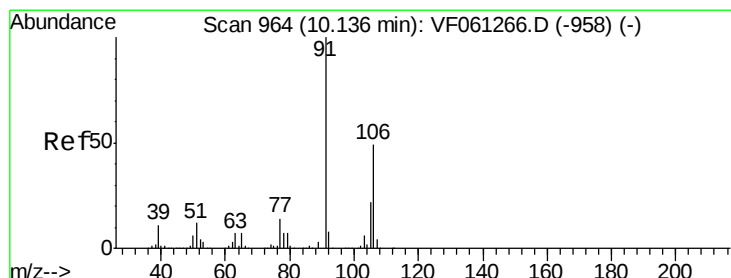
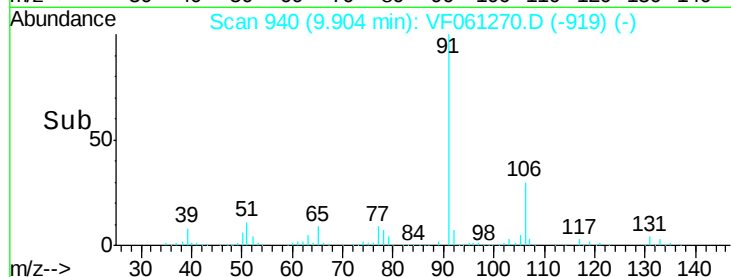
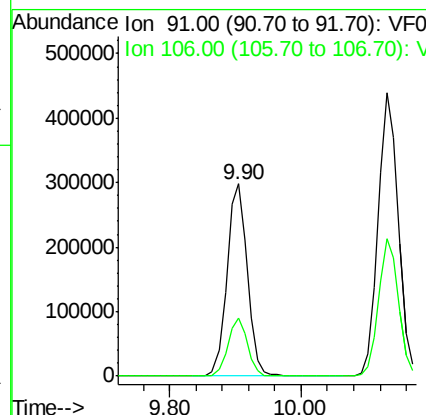
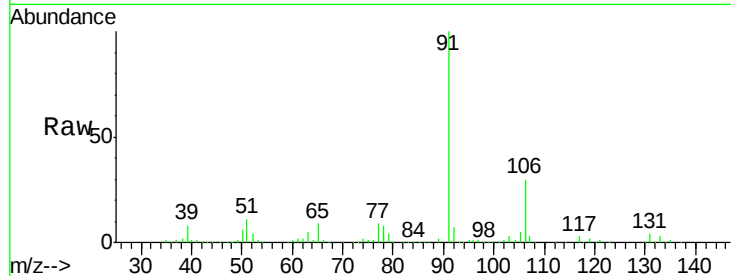
#67
Ethyl Benzene
Concen: 50.104 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.00 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Instrument :
MSVOA_F
ClientSampleId :
ICVVF010319

Tot Ion: 91 Resp: 646342
Ion Ratio Lower Upper
91 100
106 30.1 22.8 34.2

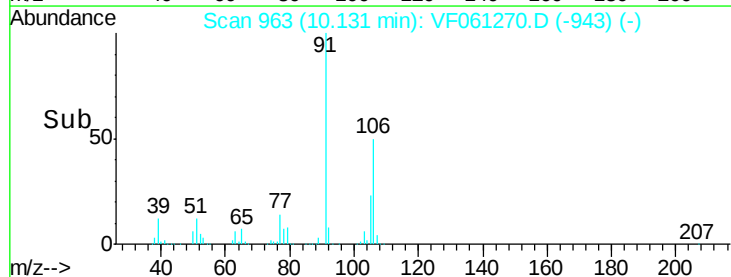
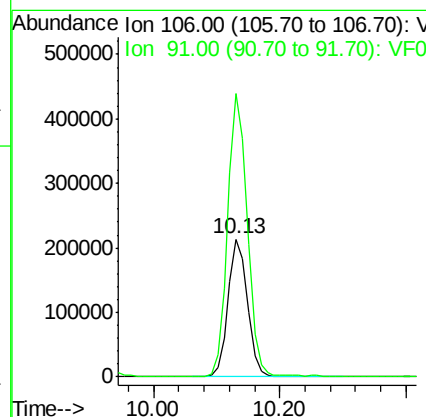
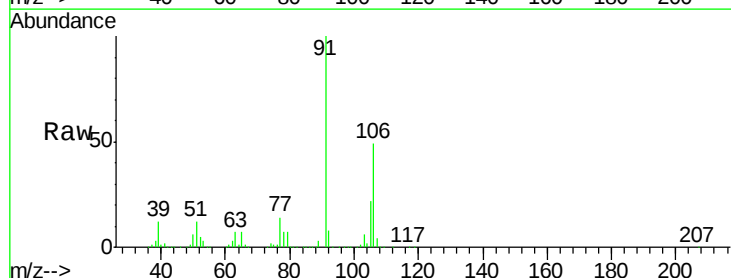
Manual Integrations
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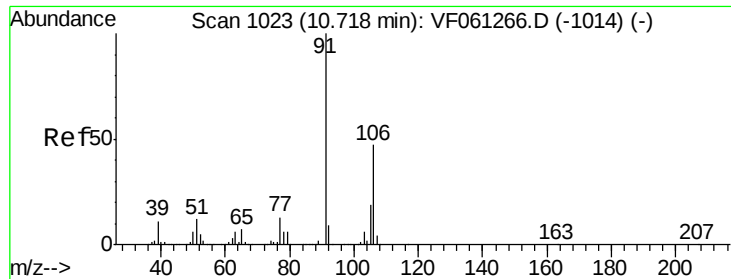
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#68
m/p-Xylenes
Concen: 97.284 ug/l
RT: 10.13 min Scan# 963
Delta R.T. -0.01 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Tgt Ion: 106 Resp: 457991
Ion Ratio Lower Upper
106 100
91 205.2 164.8 247.2





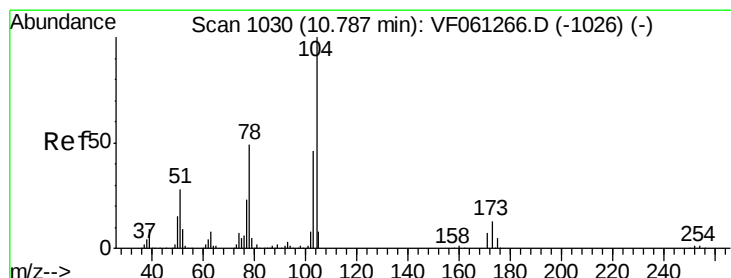
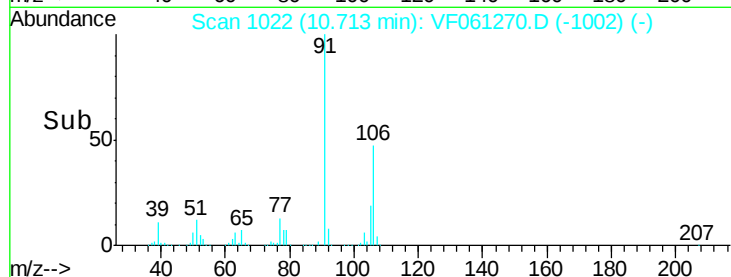
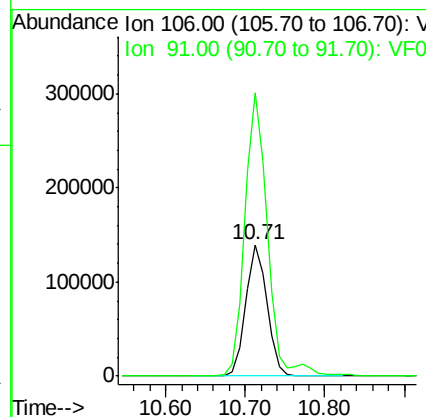
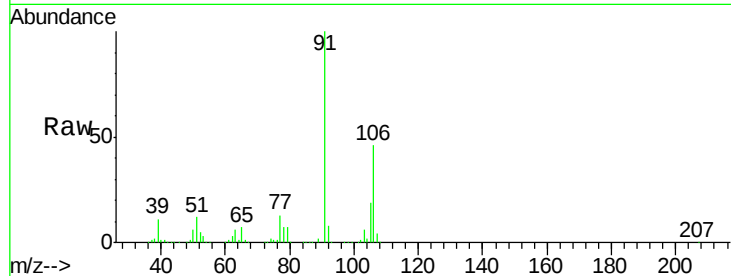
#69
o-Xylene
Concen: 51.336 ug/l
RT: 10.71 min Scan# 1022
Delta R.T. -0.01 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Instrument :
MSVOA_F
ClientSampleId :
ICVVF010319

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.2	106.2	318.5

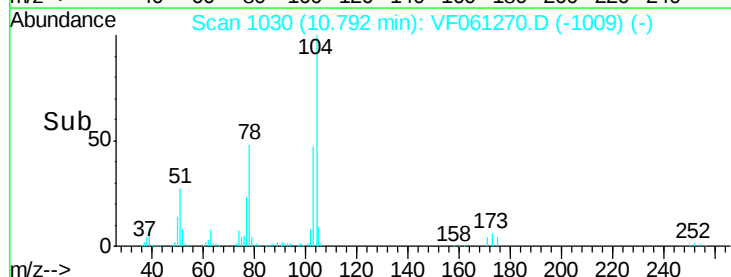
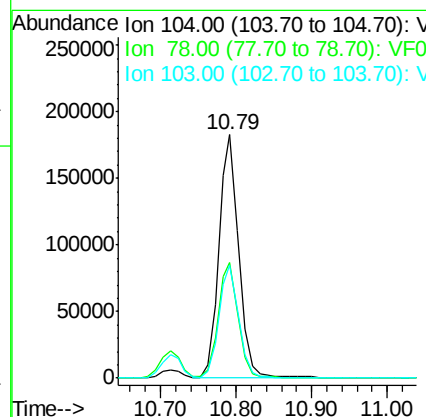
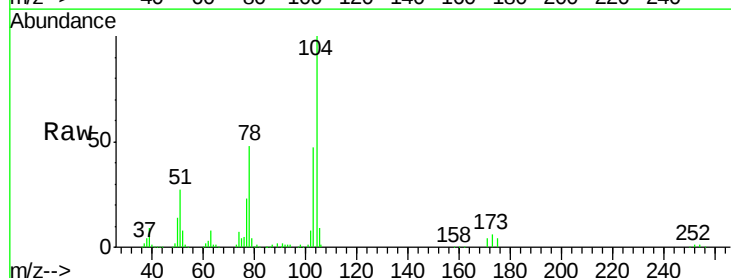
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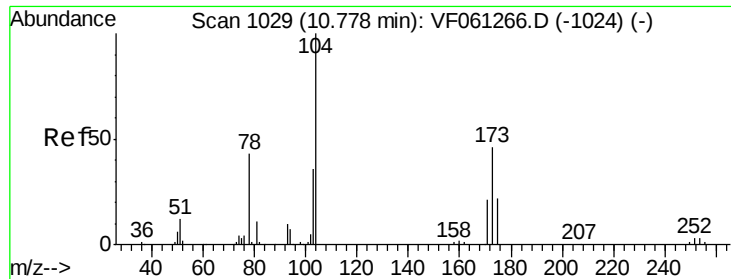
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#70
Styrene
Concen: 47.745 ug/l
RT: 10.79 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.6	39.3	58.9
103	46.5	37.3	55.9





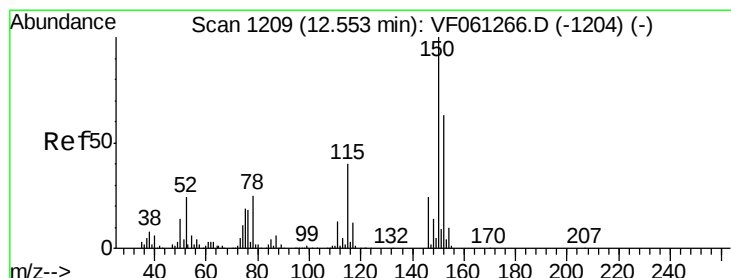
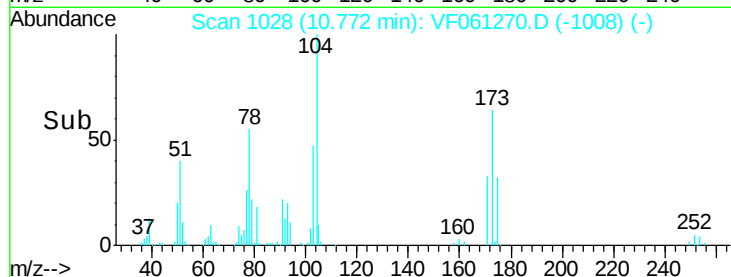
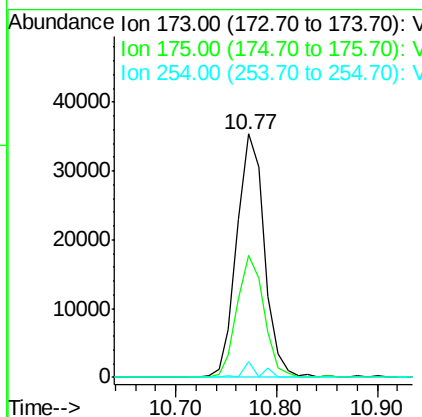
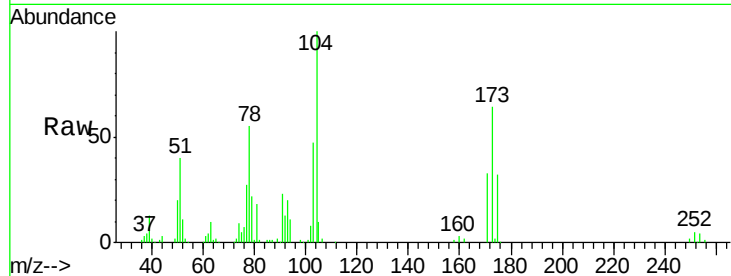
#71
Bromoform
Concen: 50.450 ug/l
RT: 10.77 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Instrument :
MSVOA_F
ClientSampleId :
ICVVF010319

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.6	73.6
254	6.6	5.3	7.9

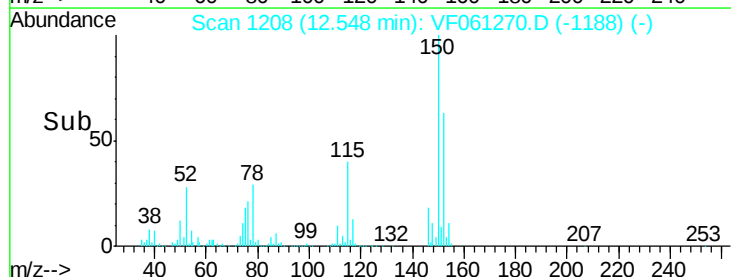
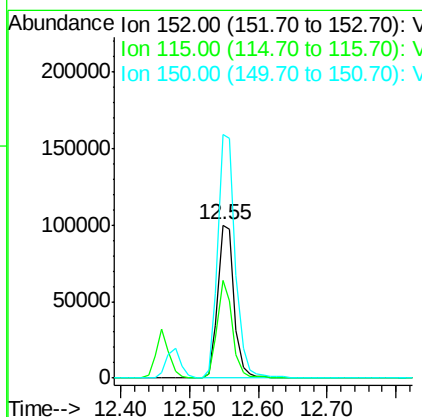
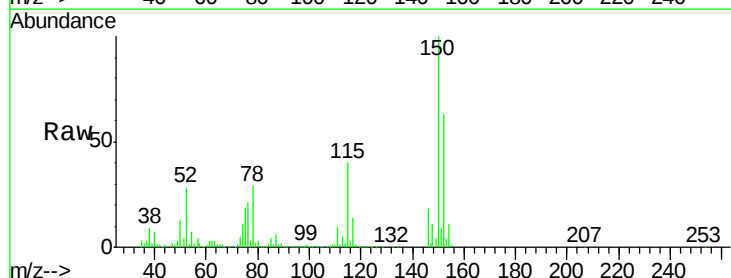
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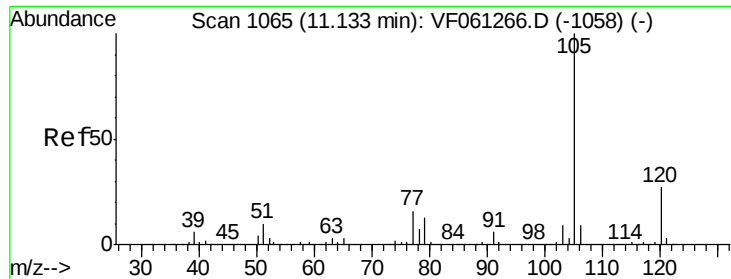
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.7	31.6	94.7
150	159.1	0.0	320.2





#73

Isopropylbenzene

Concen: 53.136 ug/l

RT: 11.13 min Scan# 1064

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

ClientSampleId :

ICVVF010319

Tot Ion: 105 Resp: 749071

Ion Ratio Lower Upper

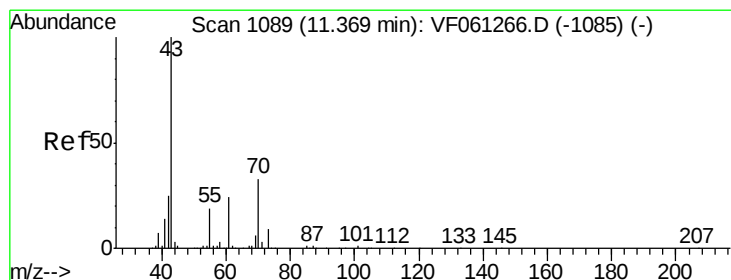
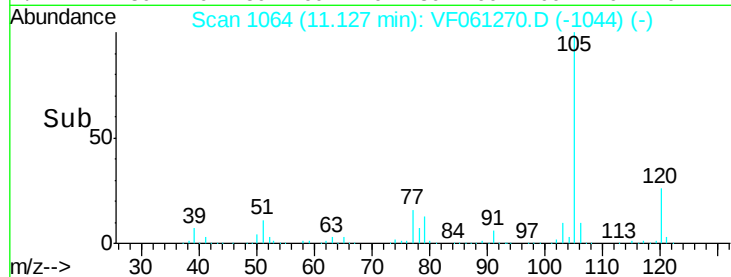
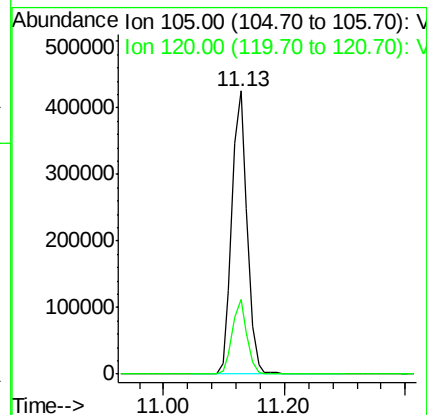
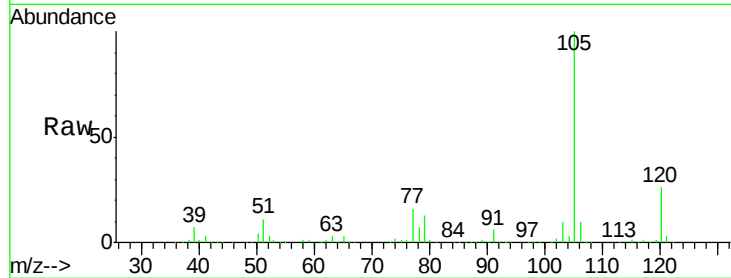
105 100

120 26.3 13.4 40.1

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#74

N-ethyl acetate

Concen: 54.441 ug/l

RT: 11.37 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Tgt Ion: 43 Resp: 193760

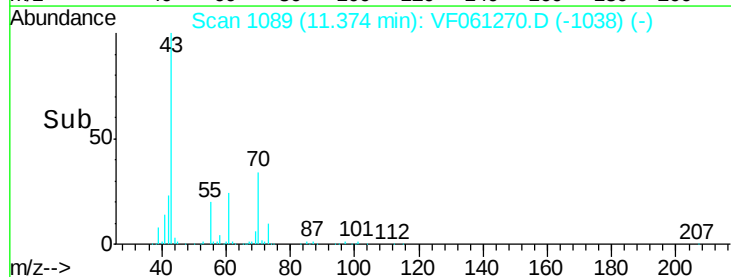
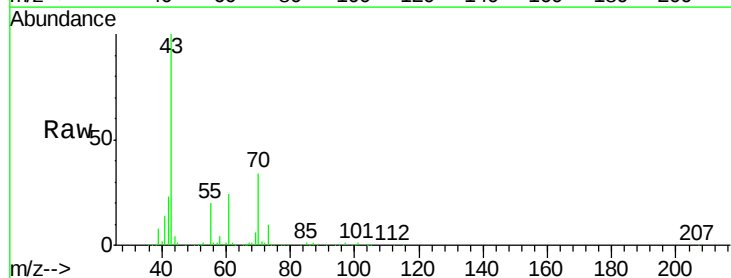
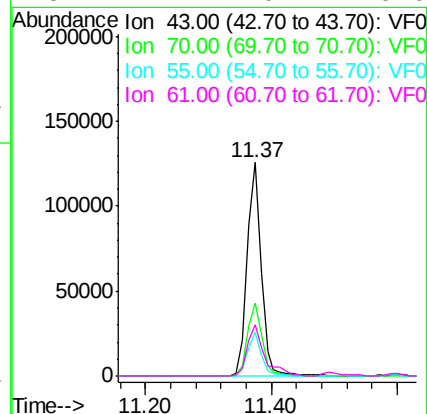
Ion Ratio Lower Upper

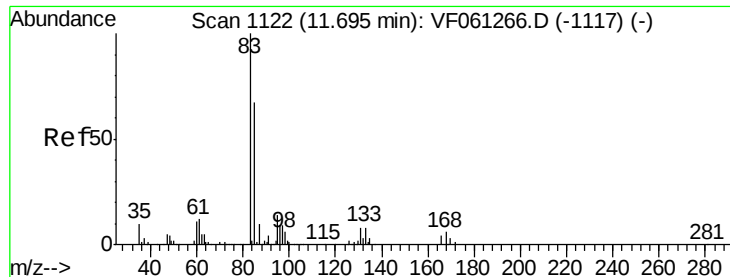
43 100

70 33.9 26.7 40.1

55 20.3 15.4 23.0

61 24.1 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.161 ug/l

RT: 11.70 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

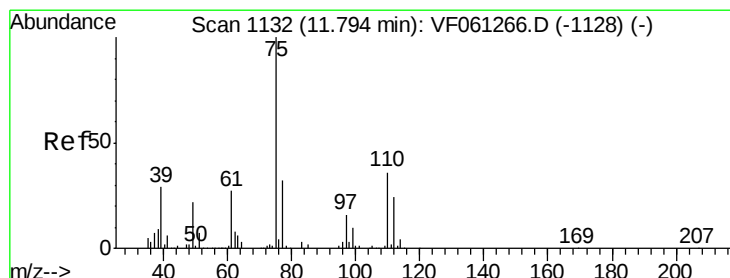
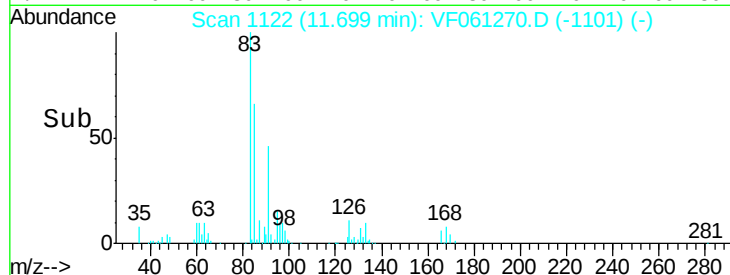
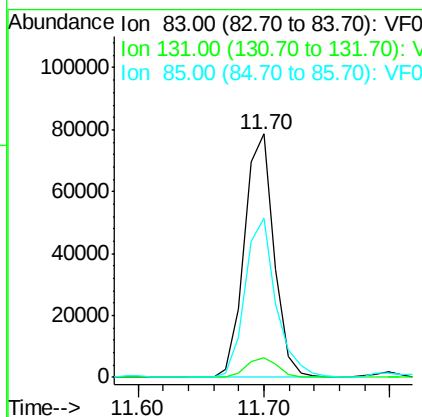
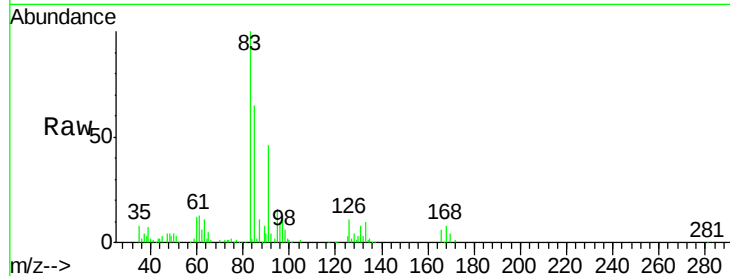
ClientSampleId :

ICVVF010319

Tot Ion	83	Resp	128440
Ion Ratio	Lower	Upper	
83	100		
131	8.2	4.0	12.0
85	65.4	33.6	100.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.987 ug/l

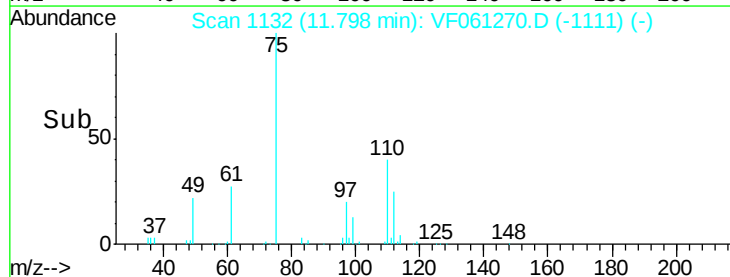
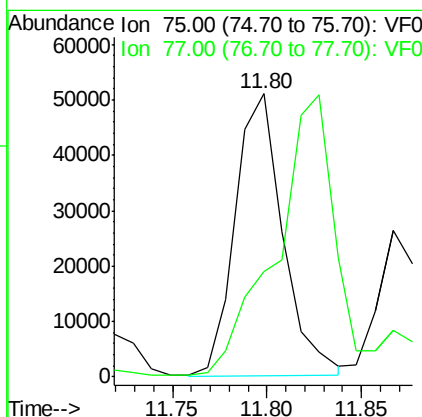
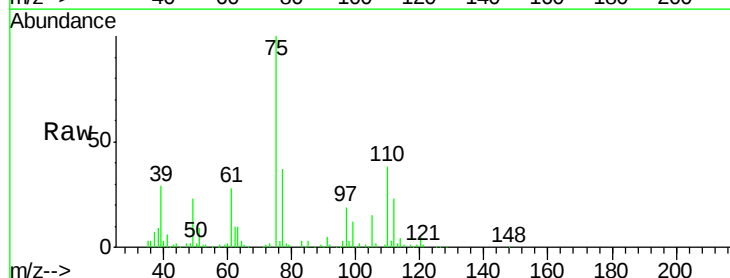
RT: 11.80 min Scan# 1132

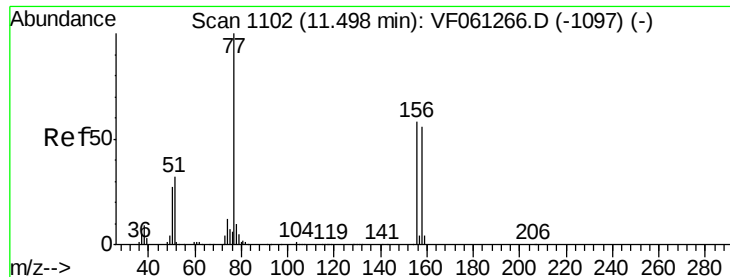
Delta R.T. 0.00 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Tgt Ion	75	Resp	89545
Ion Ratio	Lower	Upper	
75	100		
77	37.4	15.9	47.7





#77

Bromobenzene

Concen: 53.592 ug/l

RT: 11.49 min Scan# 1101

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

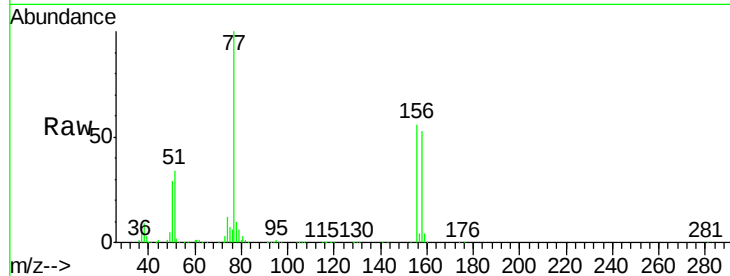
ClientSampleId :

ICVVF010319

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	179.0		85.8	257.3	
158	94.4		47.6	142.8	

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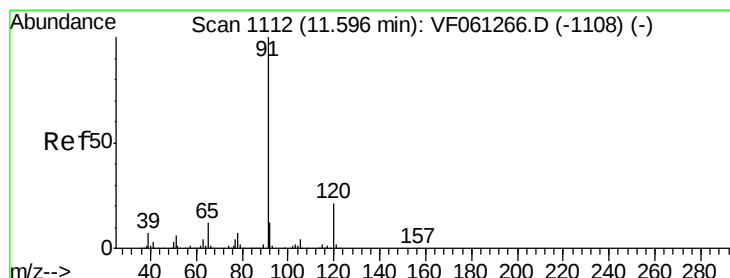
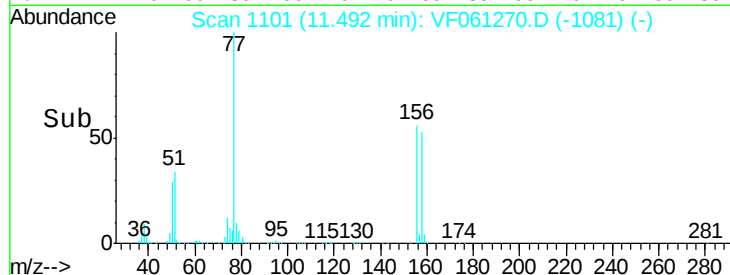
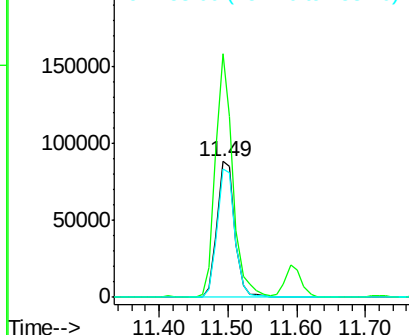
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 49.444 ug/l

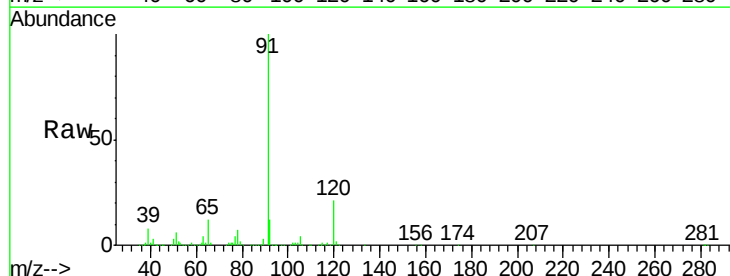
RT: 11.59 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VF061270.D

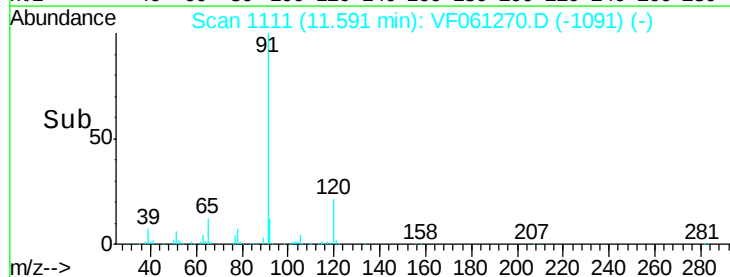
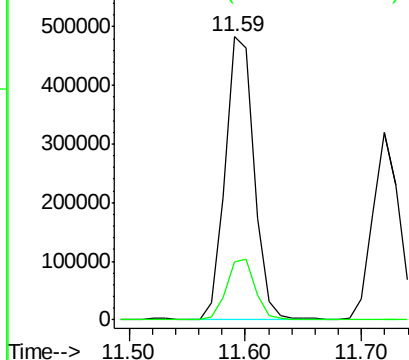
Acq: 3 Jan 2019 17:40

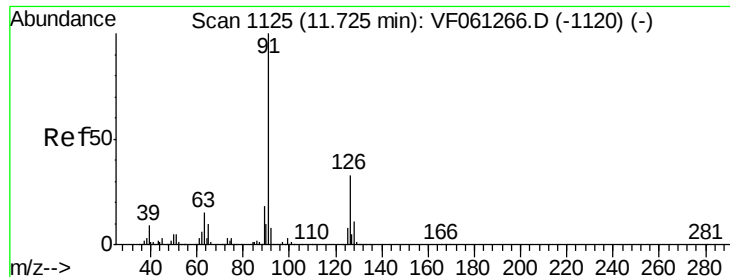
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	20.6		10.6	31.8	



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.753 ug/l

RT: 11.72 min Scan# 1124

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

ClientSampleId :

ICVVF010319

Tot Ion: 91 Resp: 502224

Ion Ratio Lower Upper

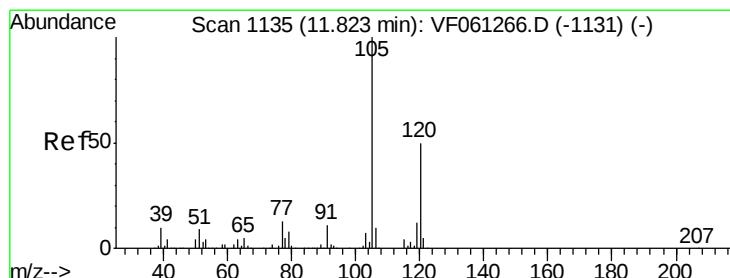
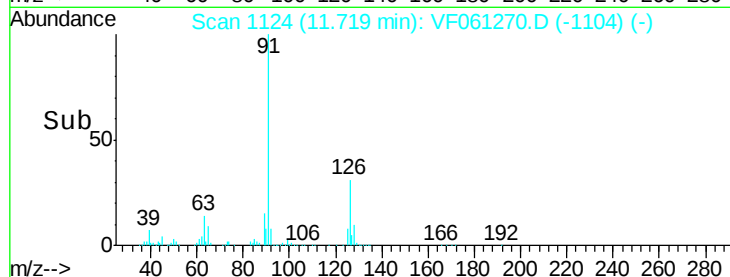
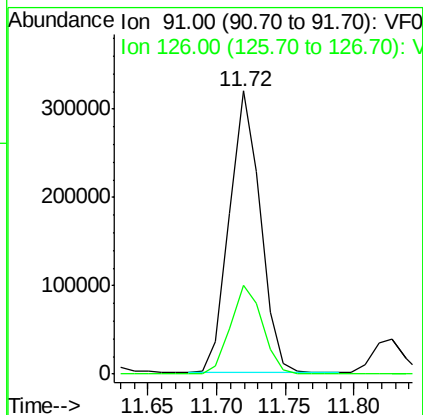
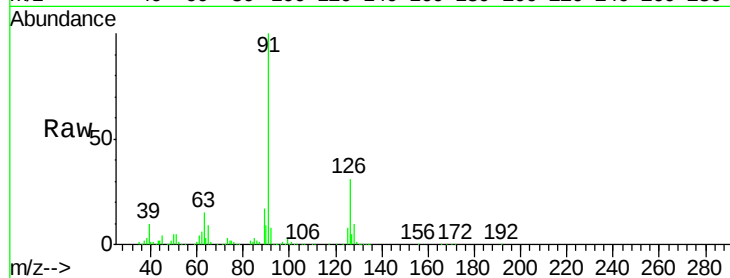
91 100

126 31.3 16.3 48.8

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#80

1,3,5-Trimethylbenzene

Concen: 51.086 ug/l

RT: 11.83 min Scan# 1135

Delta R.T. 0.00 min

Lab File: VF061270.D

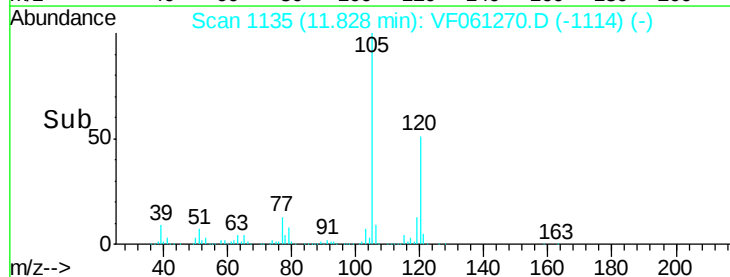
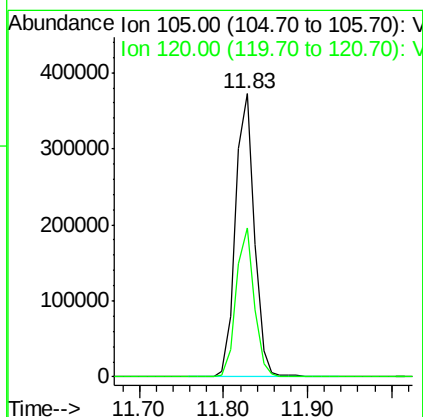
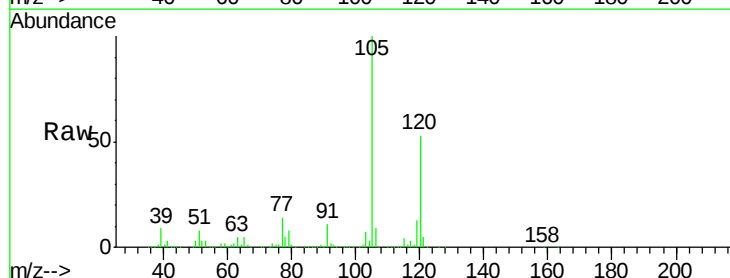
Acq: 3 Jan 2019 17:40

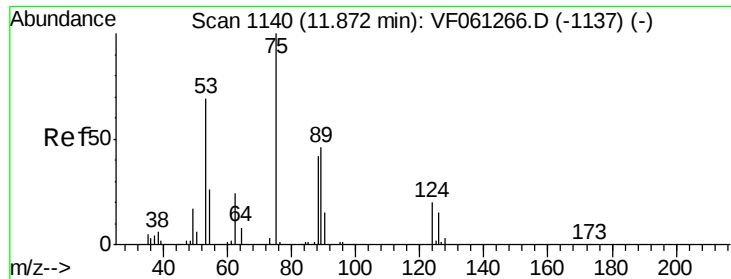
Tgt Ion: 105 Resp: 581396

Ion Ratio Lower Upper

105 100

120 52.6 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.673 ug/l m

RT: 11.87 min Scan# 1139

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

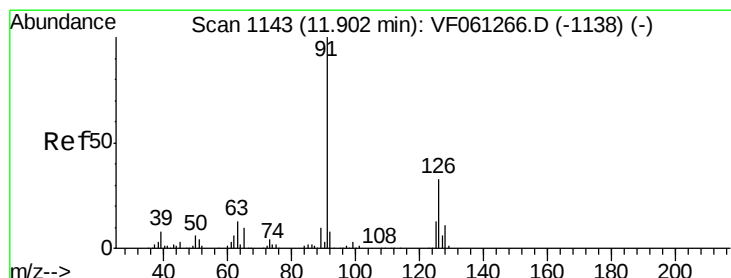
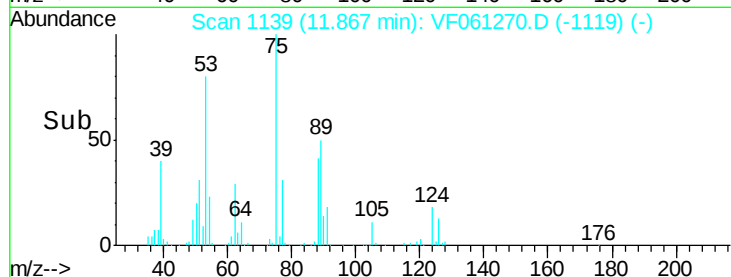
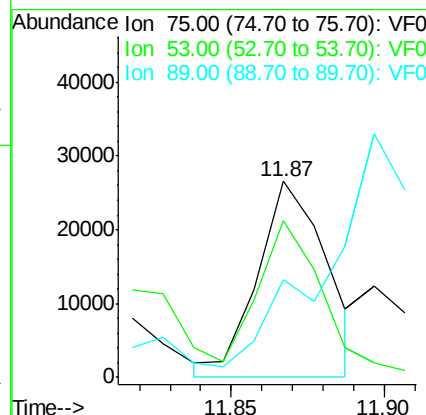
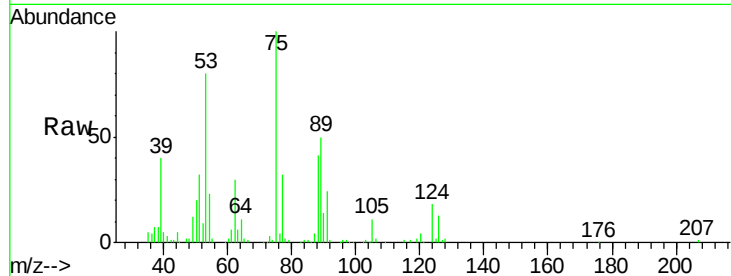
ClientSampleId :

ICVVF010319

Tot Ion:	75	Resp:	41616
Ion	Ratio	Lower	Upper
75	100		
53	79.9	61.7	92.5
89	50.0	40.3	60.5

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#82

4-Chlorotoluene

Concen: 50.228 ug/l

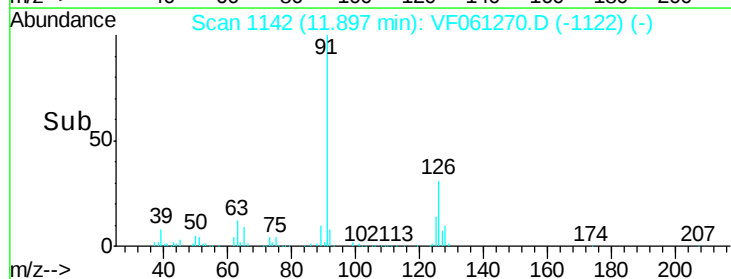
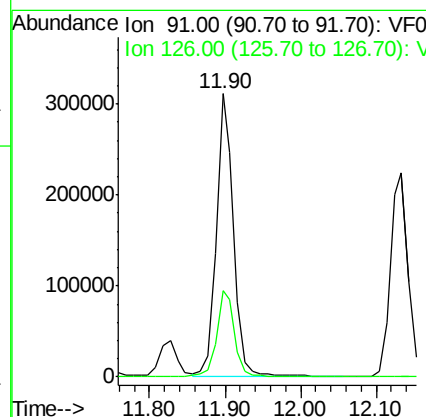
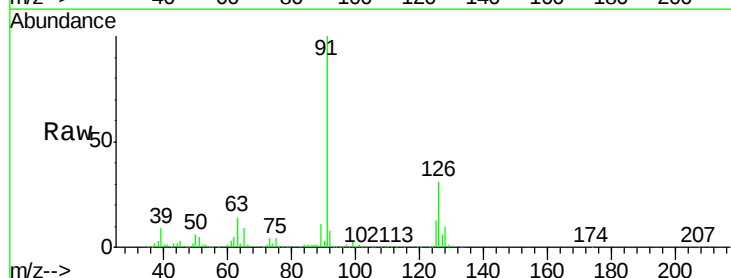
RT: 11.90 min Scan# 1142

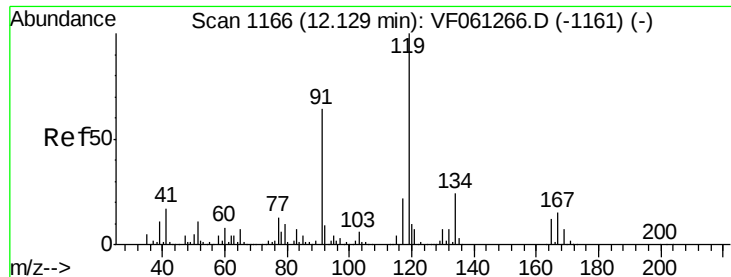
Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Tgt Ion:	91	Resp:	494116
Ion	Ratio	Lower	Upper
91	100		
126	30.6	16.3	48.8





#83

tert-Butylbenzene

Concen: 50.968 ug/l

RT: 12.13 min Scan# 1166

Delta R.T. 0.00 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

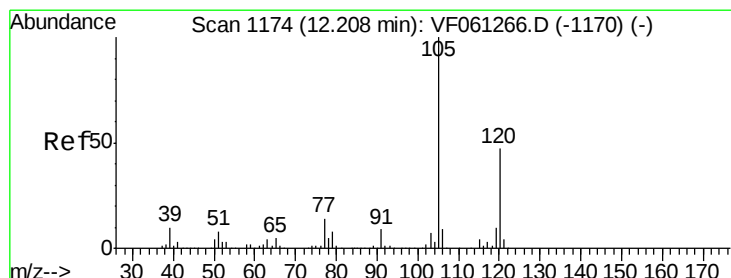
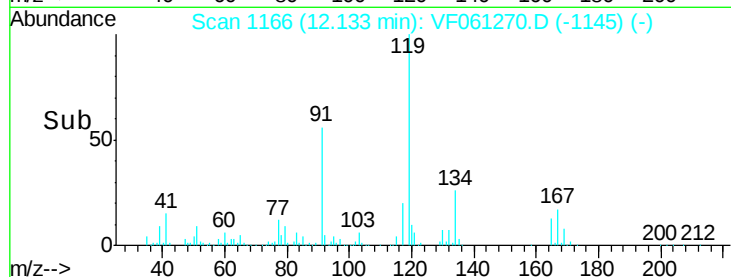
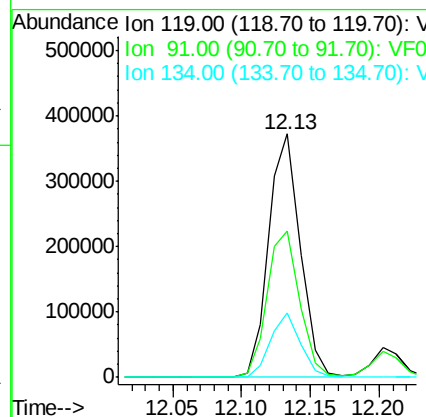
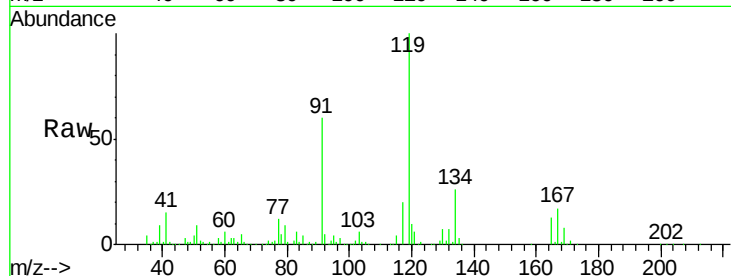
ClientSampleId :

ICVVF010319

Tot Ion:	119	Resp:	598068
Ion Ratio	Lower	Upper	
119	100		
91	60.1	32.0	96.0
134	26.3	12.1	36.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 49.646 ug/l

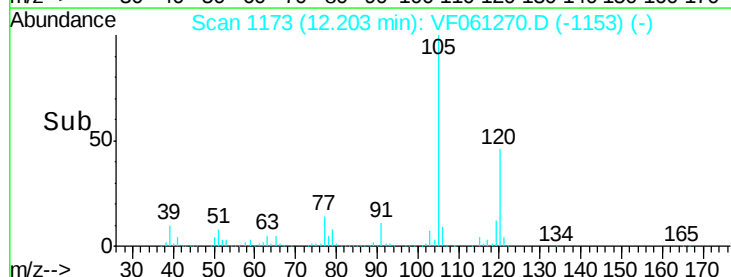
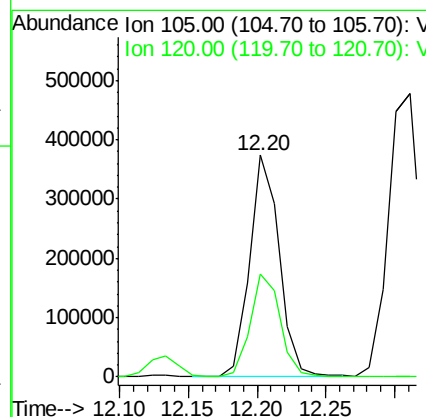
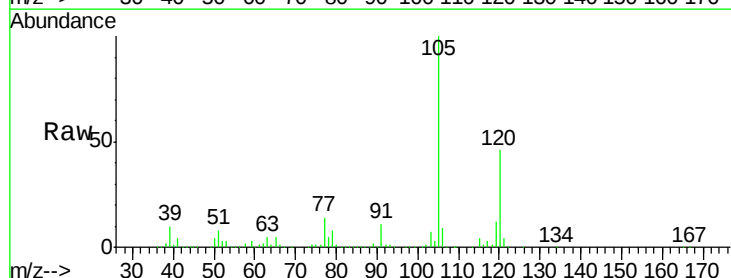
RT: 12.20 min Scan# 1173

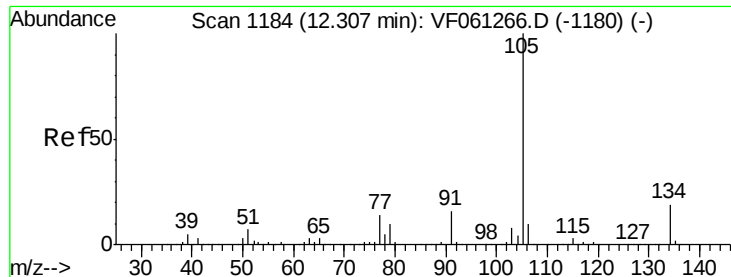
Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Tgt Ion:	105	Resp:	562480
Ion Ratio	Lower	Upper	
105	100		
120	46.3	23.3	69.9





#85

sec-Butylbenzene

Concen: 49.205 ug/l

RT: 12.31 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

ClientSampled :

ICVVF010319

Tot Ion:105 Resp: 783185

Ion Ratio Lower Upper

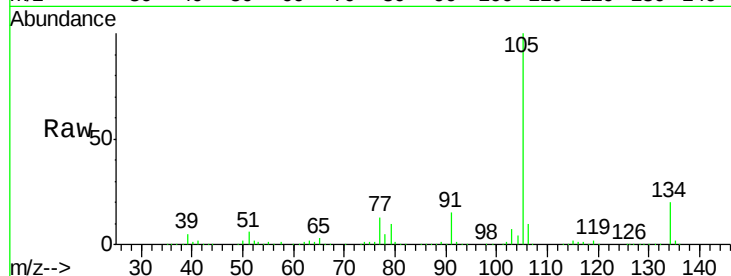
105 100

134 20.4 9.4 28.2

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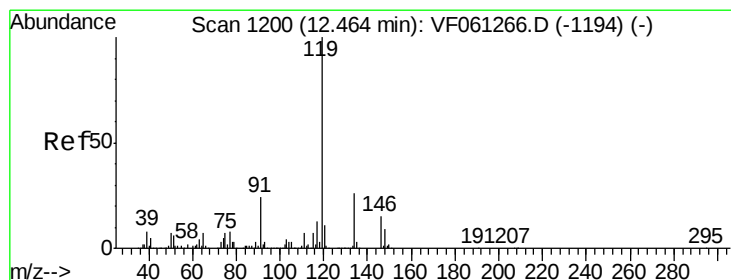
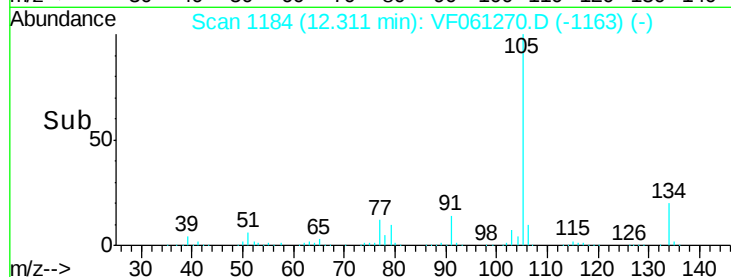
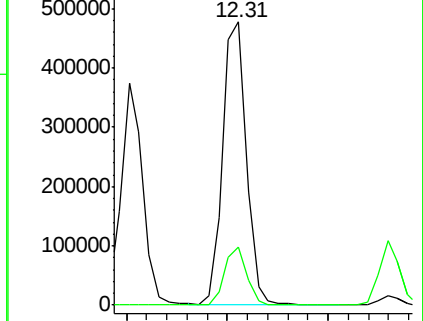
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.881 ug/l

RT: 12.46 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

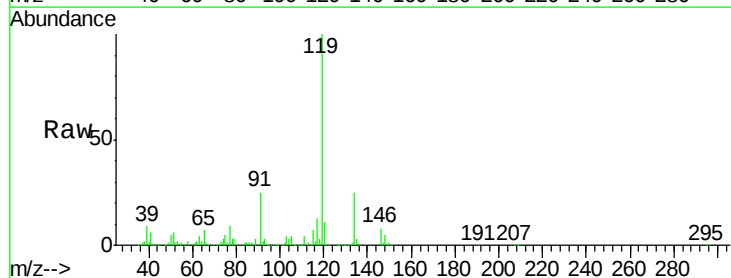
Tgt Ion:119 Resp: 627943

Ion Ratio Lower Upper

119 100

134 24.5 13.2 39.6

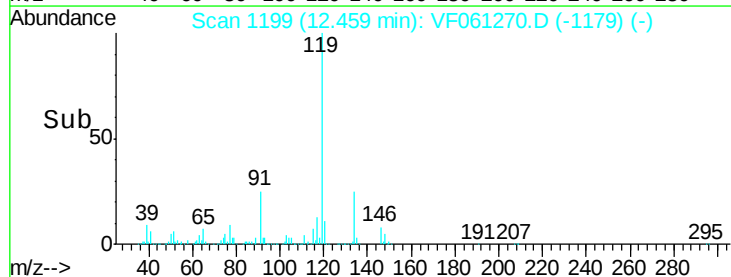
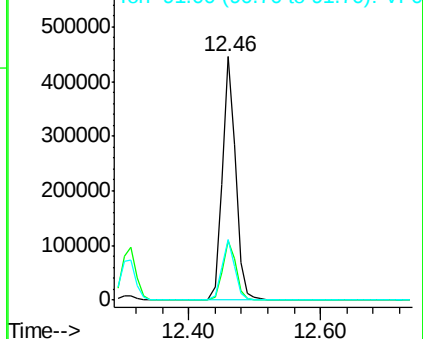
91 25.1 11.9 35.7

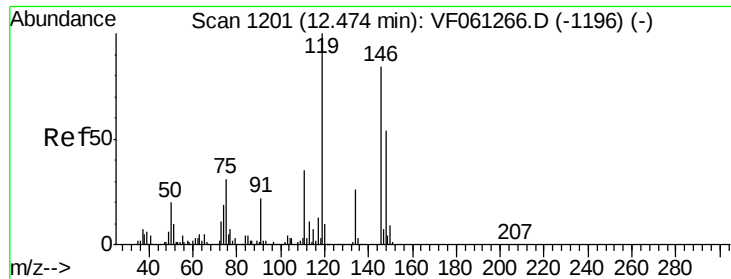


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





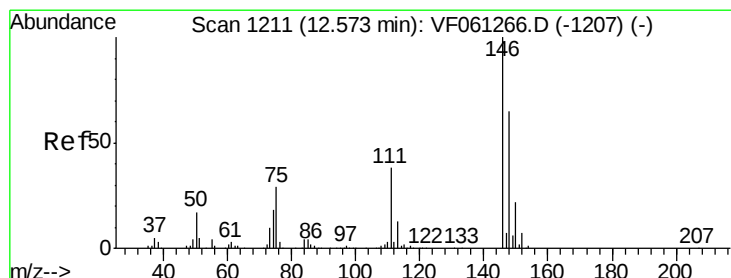
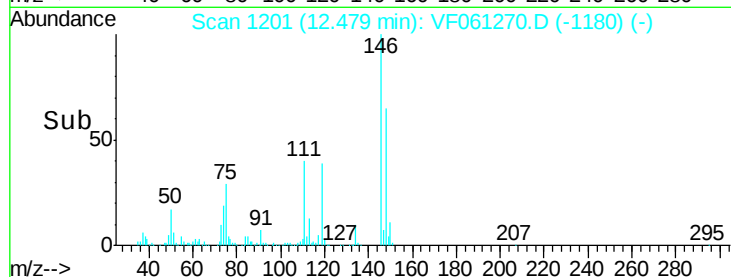
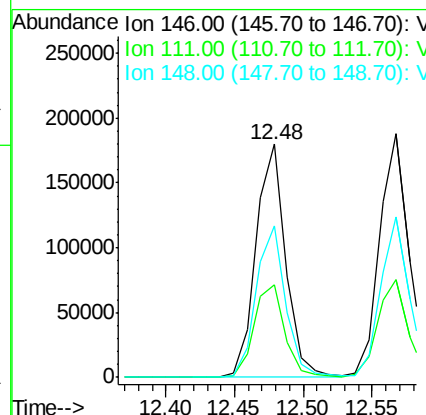
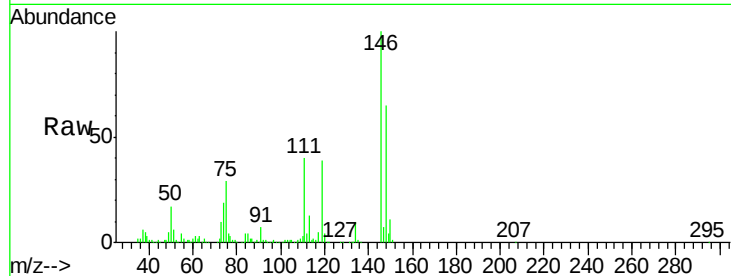
#87
 1,3-Dichlorobenzene
 Concen: 47.911 ug/l
 RT: 12.48 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: VF061270.D
 Acq: 3 Jan 2019 17:40

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVV010319

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.9	62.8
148	65.0	32.5	97.4

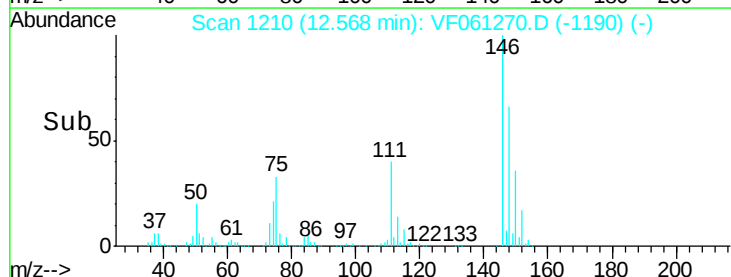
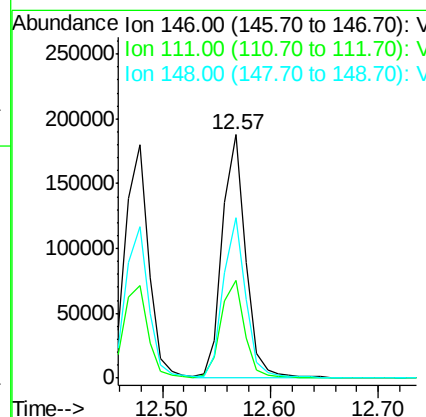
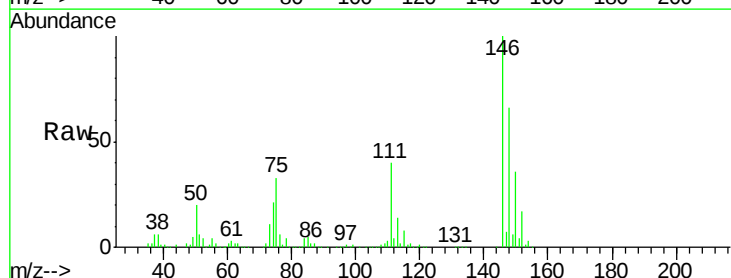
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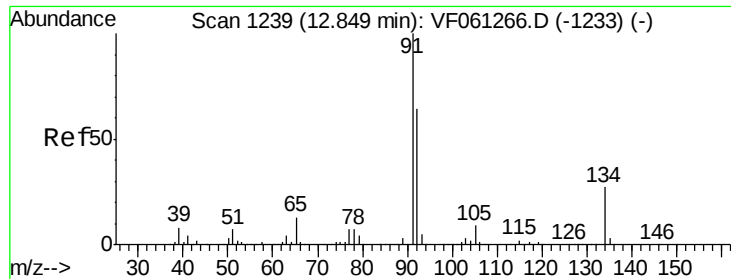
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#88
 1,4-Dichlorobenzene
 Concen: 50.576 ug/l
 RT: 12.57 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: VF061270.D
 Acq: 3 Jan 2019 17:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.3	57.9
148	65.7	32.6	98.0





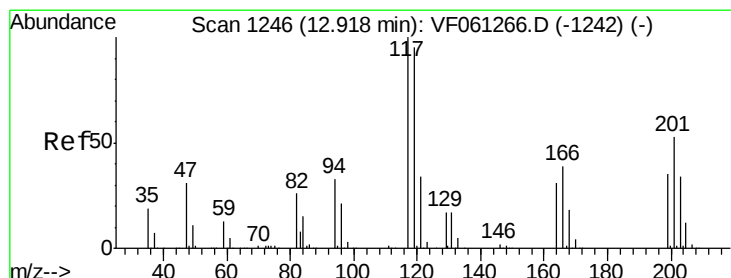
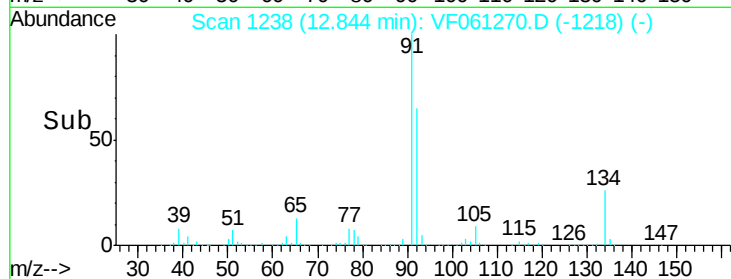
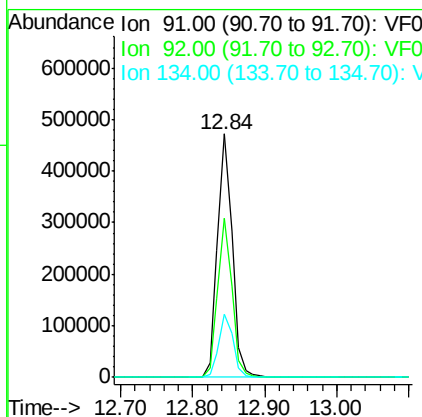
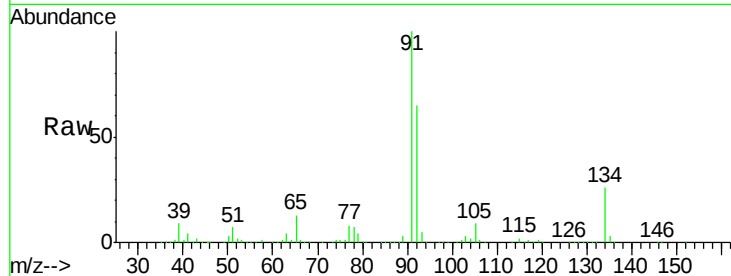
#89
n-Butylbenzene
Concen: 57.015 ug/l
RT: 12.84 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Instrument :
MSVOA_F
ClientSampleId :
ICVVF010319

Tot Ion	Ratio	Lower	Upper
91	100		
92	65.2	31.9	95.7
134	26.2	13.6	40.7

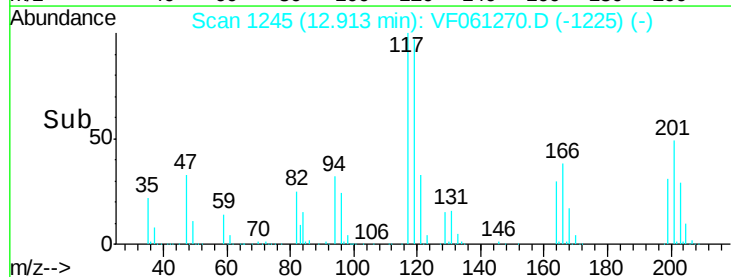
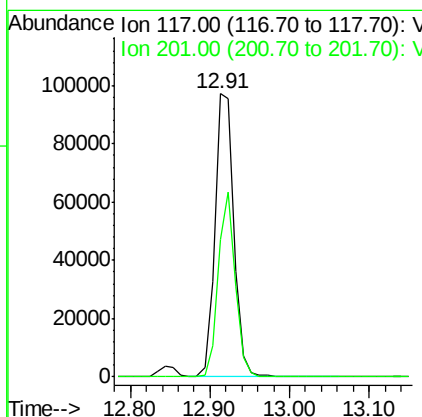
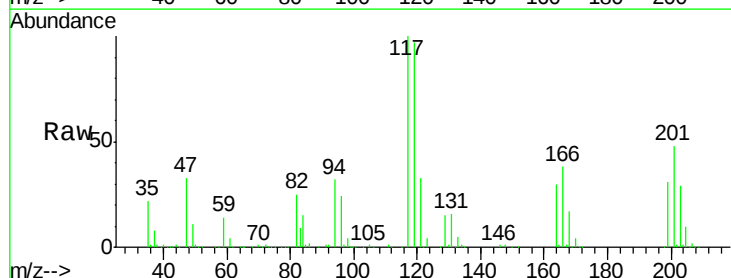
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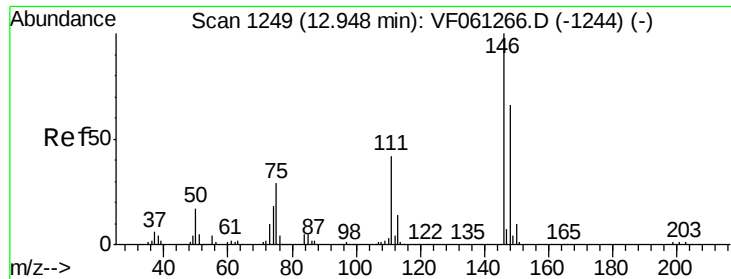
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#90
Hexachloroethane
Concen: 50.690 ug/l
RT: 12.91 min Scan# 1245
Delta R.T. -0.01 min
Lab File: VF061270.D
Acq: 3 Jan 2019 17:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	48.4	26.6	79.7





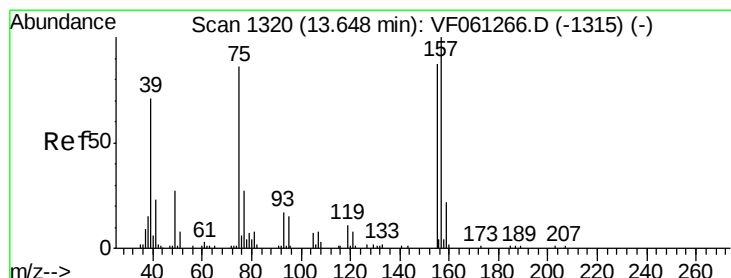
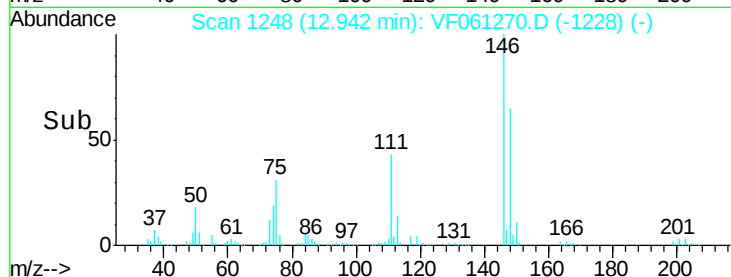
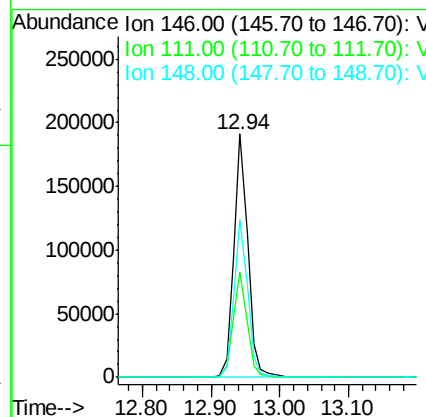
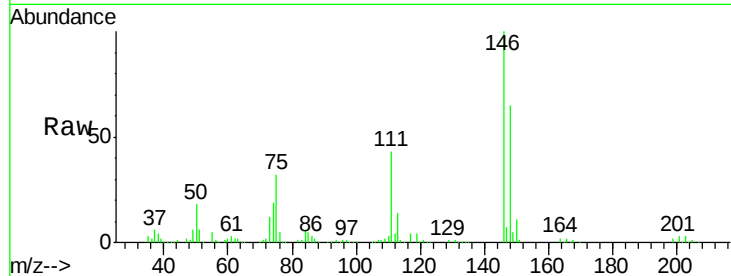
#91
 1,2-Dichlorobenzene
 Concen: 48.375 ug/l
 RT: 12.94 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: VF061270.D
 Acq: 3 Jan 2019 17:40

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVV010319

Tot Ion	Ratio	Resp	Lower	Upper
146	100	266859		
111	43.5		21.1	63.4
148	64.8		32.8	98.4

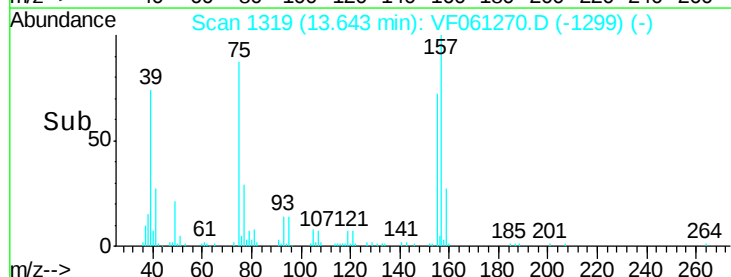
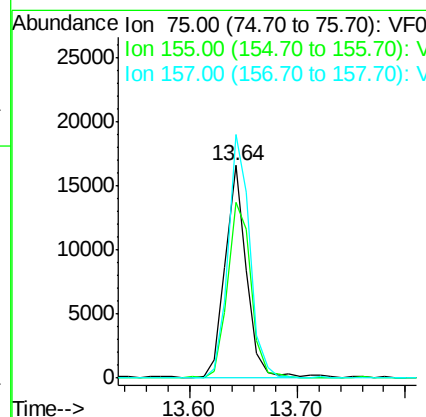
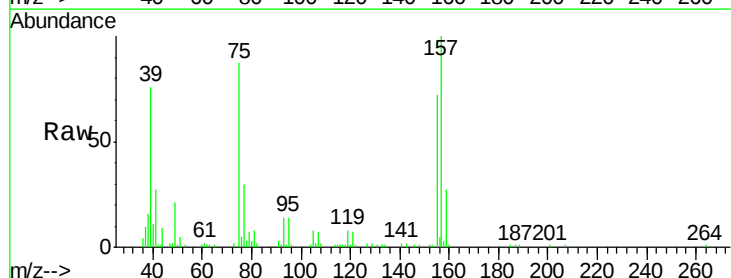
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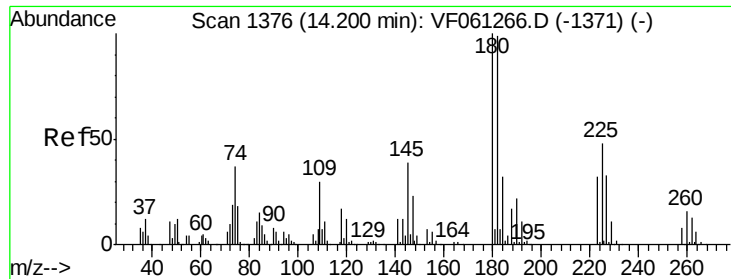
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.596 ug/l
 RT: 13.64 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: VF061270.D
 Acq: 3 Jan 2019 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22831		
155	82.8		50.6	151.8
157	114.7		58.0	173.9





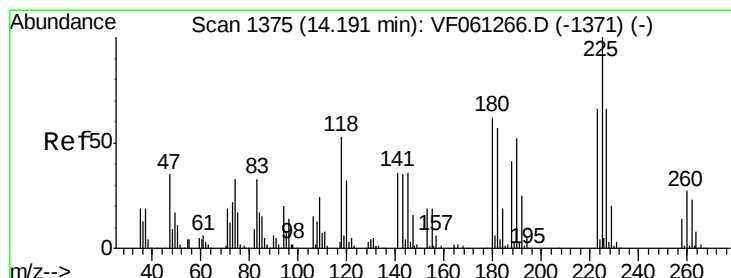
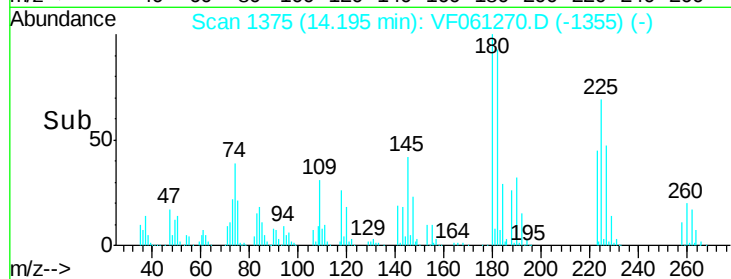
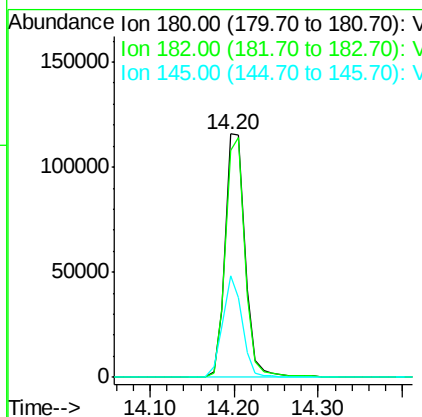
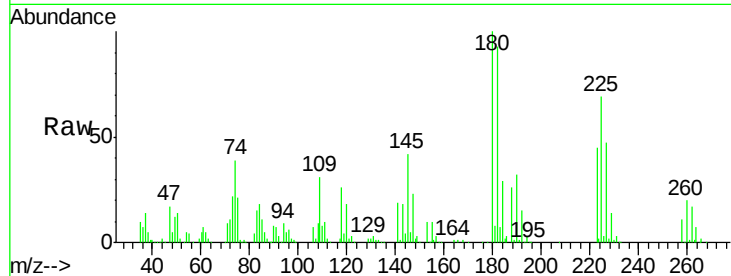
#93
 1,2,4-Trichlorobenzene
 Concen: 49.923 ug/l
 RT: 14.20 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: VF061270.D
 Acq: 3 Jan 2019 17:40

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVV010319

Tot Ion	Ratio	Resp	Lower	Upper
180	100	192846		
182	93.1	49.5	148.3	
145	41.6	19.7	59.0	

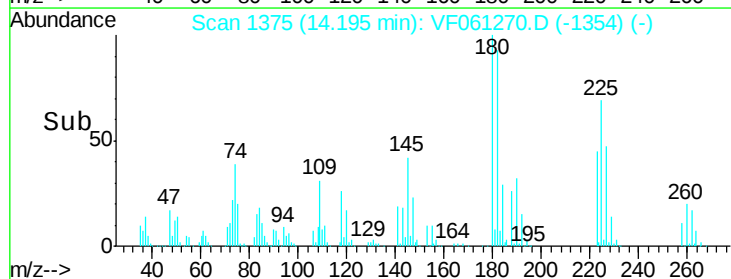
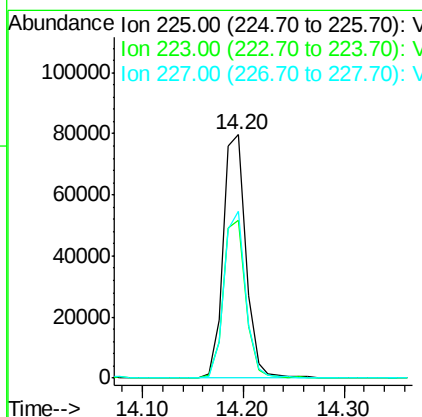
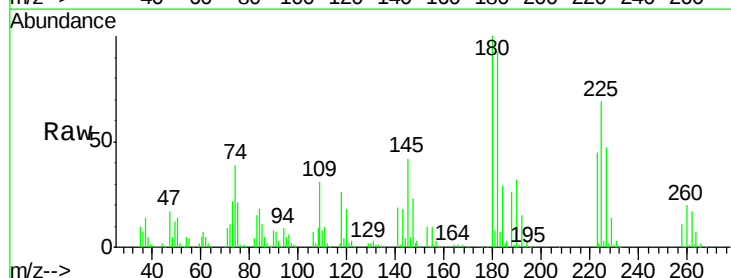
Manual Integrations
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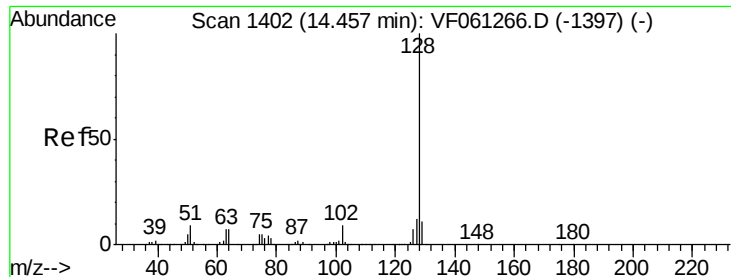
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#94
 Hexachlorobutadiene
 Concen: 50.933 ug/l
 RT: 14.20 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: VF061270.D
 Acq: 3 Jan 2019 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	125353		
223	64.7	33.0	99.0	
227	68.4	32.8	98.4	





#95

Naphthalene

Concen: 55.875 ug/l

RT: 14.45 min Scan# 1401

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Instrument :

MSVOA_F

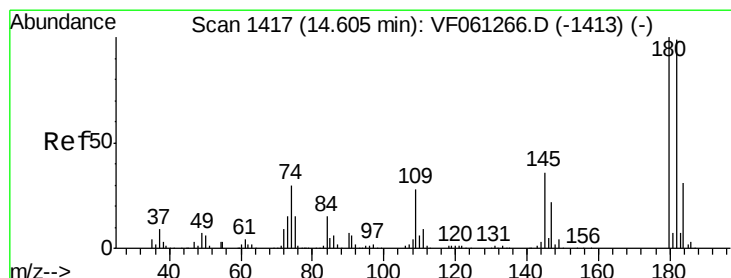
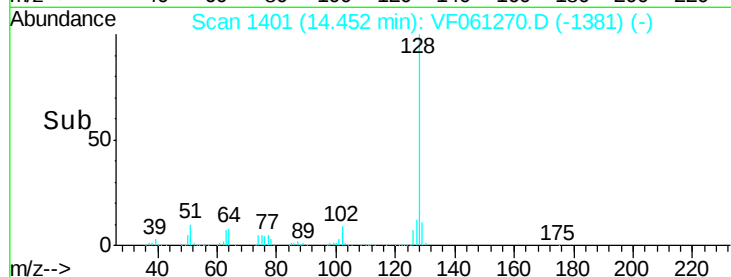
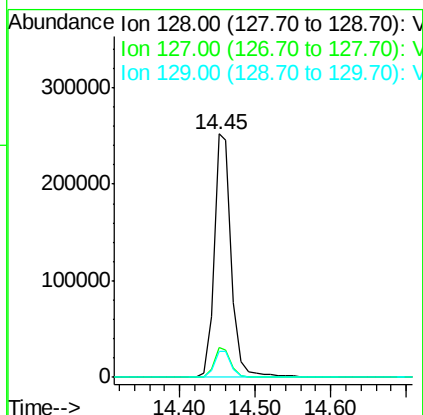
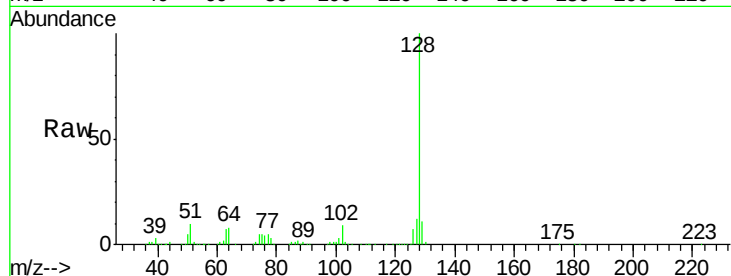
ClientSampleId :

ICVVF010319

Tot Ion:	128	Resp:	403438
Ion	Ratio	Lower	Upper
128	100		
127	12.1	9.8	14.6
129	10.8	9.0	13.4

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 51.456 ug/l

RT: 14.60 min Scan# 1416

Delta R.T. -0.01 min

Lab File: VF061270.D

Acq: 3 Jan 2019 17:40

Tgt Ion:	180	Resp:	184294
Ion	Ratio	Lower	Upper
180	100		
182	97.4	49.5	148.5
145	38.6	18.0	54.0

