

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110718\
 Data File : VF060625.D
 Acq On : 7 Nov 2018 12:06
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 11/8/2018 10:28:30 AM

Quant Time: Nov 07 15:00:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	245468	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	424585	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	377168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	198115	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.85	65	139598	56.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.58%	
35) Dibromofluoromethane	4.12	113	181132	55.22	ug/l	0.01
Spiked Amount	50.000		Recovery	=	110.44%	
50) Toluene-d8	7.56	98	502786	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
62) 4-Bromofluorobenzene	11.42	95	225605	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.96	85	146712	57.827	ug/l	98
3) Chloromethane	1.09	50	114637	53.361	ug/l	99
4) Vinyl Chloride	1.14	62	102866	51.962	ug/l #	85
5) Bromomethane	1.32	94	60458	54.408	ug/l	97
6) Chloroethane	1.38	64	40102	56.680	ug/l	90
7) Trichlorofluoromethane	1.49	101	217992	58.835	ug/l	95
8) Diethyl Ether	1.63	74	32529	47.369	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	1.82	101	110053	51.979	ug/l	95
10) Methyl Iodide	1.89	142	180594m	51.832	ug/l	
11) Tert butyl alcohol	2.57	59	29157	223.770	ug/l #	82
12) 1,1-Dichloroethene	1.78	96	87085	48.835	ug/l	80
13) Acrolein	2.00	56	17602	211.147	ug/l	92
14) Allyl chloride	2.10	41	155303	53.336	ug/l	95
15) Acrylonitrile	2.95	53	65047	220.066	ug/l	98
16) Acetone	2.24	43	152117	260.289	ug/l	97
17) Carbon Disulfide	1.82	76	257614	51.285	ug/l	99
18) Methyl Acetate	2.34	43	45181	49.773	ug/l	93
19) Methyl tert-butyl Ether	2.43	73	217103	52.080	ug/l	98
20) Methylene Chloride	2.19	84	91624m	53.230	ug/l	
21) trans-1,2-Dichloroethene	2.31	96	97955	52.359	ug/l	97
22) Diisopropyl ether	2.80	45	322615	52.294	ug/l	98
23) Vinyl Acetate	3.19	43	895577	241.614	ug/l	99
24) 1,1-Dichloroethane	2.88	63	188549	52.810	ug/l	97
25) 2-Butanone	4.34	43	311802	288.620	ug/l	99
26) 2,2-Dichloropropane	3.60	77	153274	57.374	ug/l	97
27) cis-1,2-Dichloroethene	3.48	96	193614	54.212	ug/l	97
28) Bromochloromethane	3.72	49	123047	54.917	ug/l	92
29) Tetrahydrofuran	4.08	42	113942	264.131	ug/l	98
30) Chloroform	3.86	83	316412	56.016	ug/l	97
31) Cyclohexane	3.69	56	254397	51.633	ug/l	91
32) 1,1,1-Trichloroethane	4.10	97	244663m	62.016	ug/l	
36) 1,1-Dichloropropene	4.29	75	263105	56.280	ug/l	99
37) Ethyl Acetate	4.11	43	100043	44.579	ug/l #	70
38) Carbon Tetrachloride	3.99	117	211782	53.015	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.46	83	301322	52.817	ug/l	96
40) Benzene	4.63	78	605752	53.380	ug/l	99
41) Methacrylonitrile	4.75	41	62029	48.808	ug/l	93
42) 1,2-Dichloroethane	4.95	62	175561	53.904	ug/l	99
43) Isopropyl Acetate	6.96	43	136745	48.172	ug/l #	97
44) Trichloroethene	5.51	130	170913	50.115	ug/l	98
45) 1,2-Dichloropropane	6.24	63	159028	54.795	ug/l	98
46) Dibromomethane	6.09	93	99471	54.025	ug/l	93
47) Bromodichloromethane	6.39	83	235328	52.990	ug/l	99
48) Methyl methacrylate	6.72	41	82161	46.052	ug/l	97
49) 1,4-Dioxane	6.71	88	15922	853.128	ug/l #	84
51) 4-Methyl-2-Pentanone	8.26	43	466967	244.625	ug/l	96
52) Toluene	7.63	92	359252	48.600	ug/l	100
53) t-1,3-Dichloropropene	8.28	75	183676	47.587	ug/l	98
54) cis-1,3-Dichloropropene	7.31	75	247964	50.846	ug/l	98
55) 1,1,2-Trichloroethane	8.50	97	110022	51.148	ug/l	96
56) Ethyl methacrylate	8.63	69	135454	48.943	ug/l	98
57) 1,3-Dichloropropane	8.86	76	179638	47.594	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.63	63	46486	263.739	ug/l	100
59) 2-Hexanone	9.50	43	355118	284.481	ug/l	98
60) Dibromochloromethane	8.73	129	148972	49.520	ug/l	97
61) 1,2-Dibromoethane	8.99	107	116652	51.568	ug/l	97
64) Tetrachloroethene	8.16	164	148303	50.172	ug/l	96
65) Chlorobenzene	9.80	112	397893	51.587	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.94	131	172901	53.052	ug/l	96
67) Ethyl Benzene	9.91	91	723034	51.657	ug/l	99
68) m/p-Xylenes	10.14	106	525016	99.577	ug/l	98
69) o-Xylene	10.72	106	305574	53.077	ug/l	98
70) Styrene	10.80	104	403953	48.432	ug/l	97
71) Bromoform	10.78	173	82176	48.820	ug/l	95
73) Isopropylbenzene	11.13	105	845140	54.699	ug/l	100
74) N-amyl acetate	11.38	43	228273	58.930	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.70	83	147269	52.220	ug/l	96
76) 1,2,3-Trichloropropane	11.87	75	69130	49.878	ug/l	100
77) Bromobenzene	11.50	156	175435	51.892	ug/l	96
78) n-propylbenzene	11.60	91	968576	53.580	ug/l	98
79) 2-Chlorotoluene	11.72	91	553735	53.637	ug/l	99
80) 1,3,5-Trimethylbenzene	11.83	105	650711	51.095	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.87	75	52827m	48.499	ug/l	
82) 4-Chlorotoluene	11.90	91	548006	50.878	ug/l	99
83) tert-Butylbenzene	12.14	119	704216	54.127	ug/l	99
84) 1,2,4-Trimethylbenzene	12.21	105	660376	52.950	ug/l	99
85) sec-Butylbenzene	12.32	105	924621	51.662	ug/l	97
86) p-Isopropyltoluene	12.46	119	768486	52.141	ug/l	100
87) 1,3-Dichlorobenzene	12.48	146	333982	50.331	ug/l	98
88) 1,4-Dichlorobenzene	12.57	146	334444	53.137	ug/l	98
89) n-Butylbenzene	12.85	91	787350	56.504	ug/l	100
90) Hexachloroethane	12.92	117	205366	54.792	ug/l	73
91) 1,2-Dichlorobenzene	12.95	146	315119	50.760	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.65	75	25715	52.483	ug/l	95

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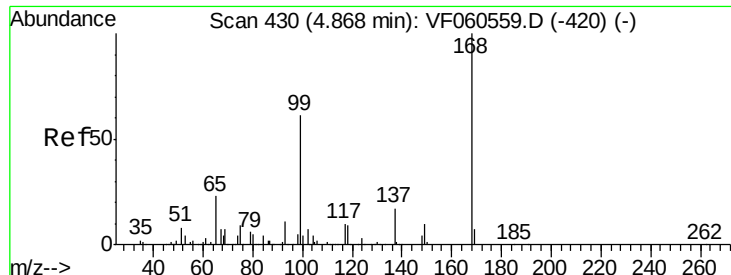
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.21	180	227895	54.035	ug/l	98
94) Hexachlorobutadiene	14.19	225	150667	55.131	ug/l	96
95) Naphthalene	14.46	128	456997	54.138	ug/l	98
96) 1,2,3-Trichlorobenzene	14.60	180	214571	53.858	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 245468

Ion Ratio Lower Upper

168 100

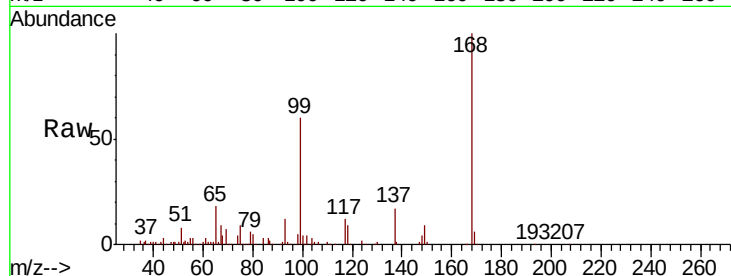
99 60.4 48.6 72.8

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

60000

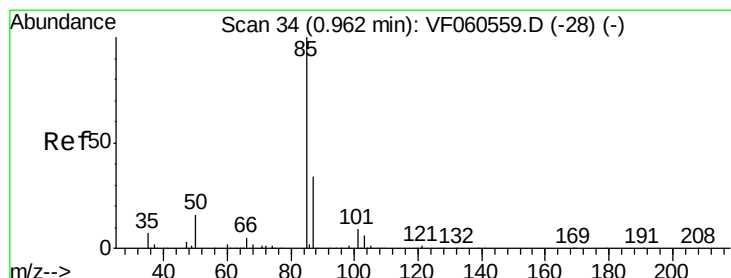
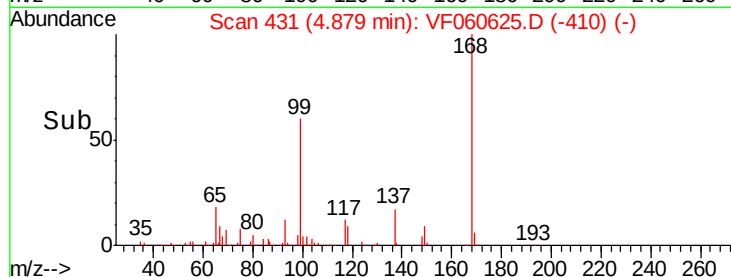
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 57.827 ug/l

RT: 0.96 min Scan# 34

Delta R.T. 0.00 min

Lab File: VF060625.D

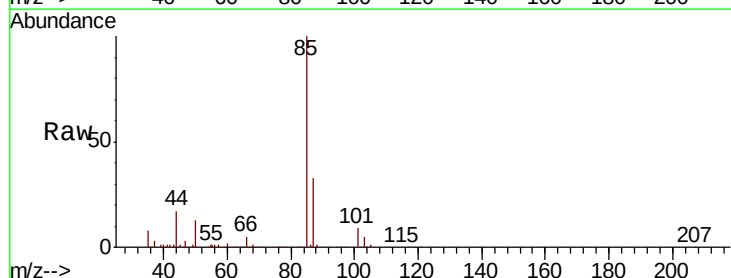
Acq: 7 Nov 2018 12:06

Tgt Ion: 85 Resp: 146712

Ion Ratio Lower Upper

85 100

87 32.7 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

50000

40000

30000

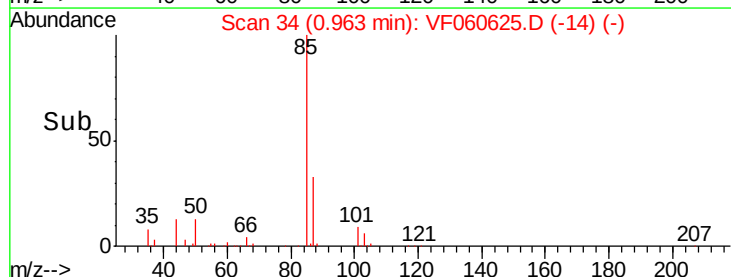
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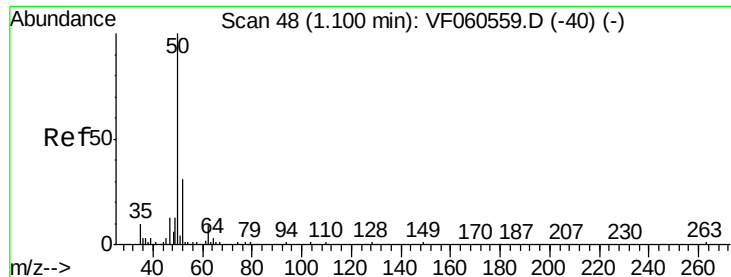
10000

0

0.80 0.90 1.00 1.10 1.20

Time-->





#3

Chloromethane

Concen: 53.361 ug/l

RT: 1.09 min Scan# 47

Delta R.T. -0.01 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 114637

Ion Ratio Lower Upper

50 100

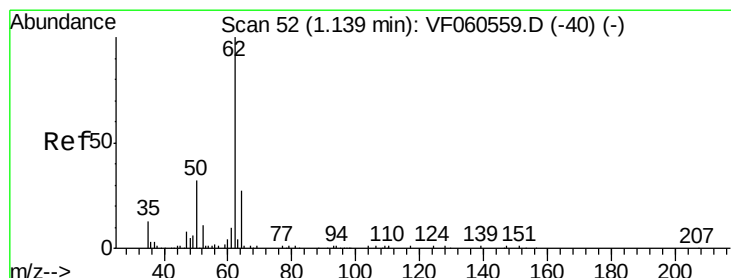
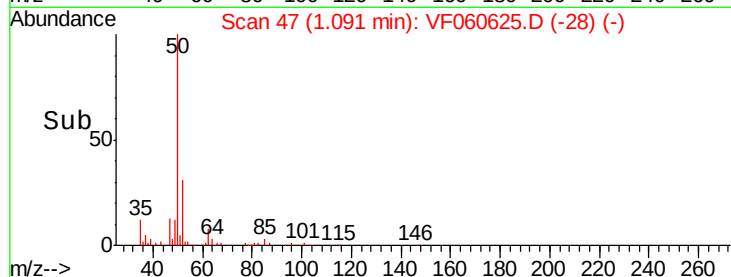
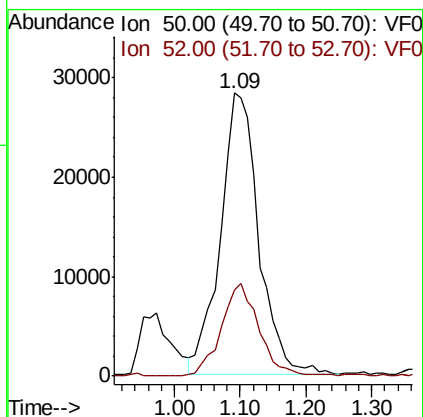
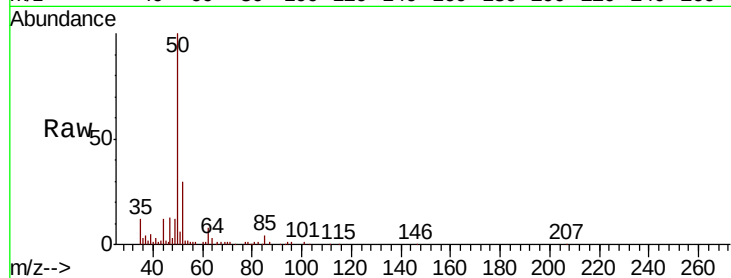
52 30.5 24.0 36.0

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#4

Vinyl Chloride

Concen: 51.962 ug/l

RT: 1.14 min Scan# 52

Delta R.T. 0.00 min

Lab File: VF060625.D

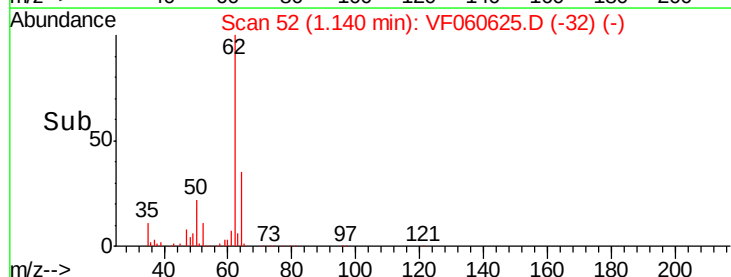
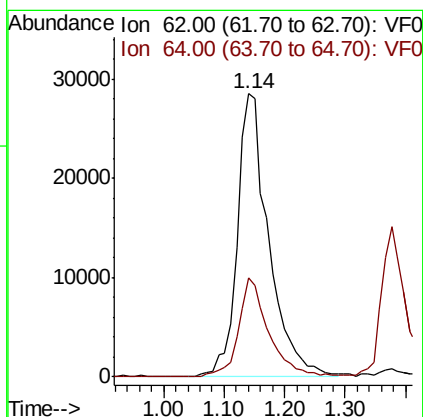
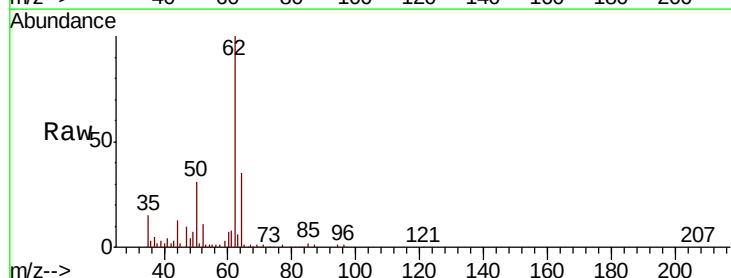
Acq: 7 Nov 2018 12:06

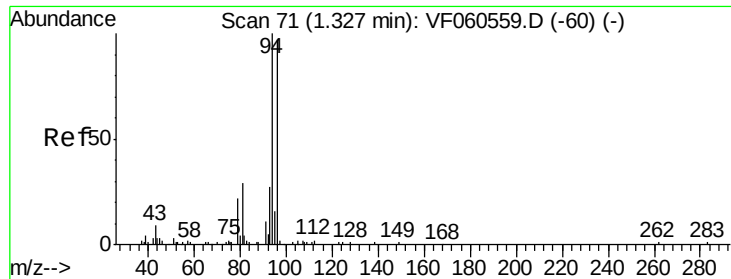
Tgt Ion: 62 Resp: 102866

Ion Ratio Lower Upper

62 100

64 34.8 21.8 32.6#





#5

Bromomethane

Concen: 54.408 ug/l

RT: 1.32 min Scan# 70

Delta R.T. -0.01 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 60458

Ion Ratio Lower Upper

94 100

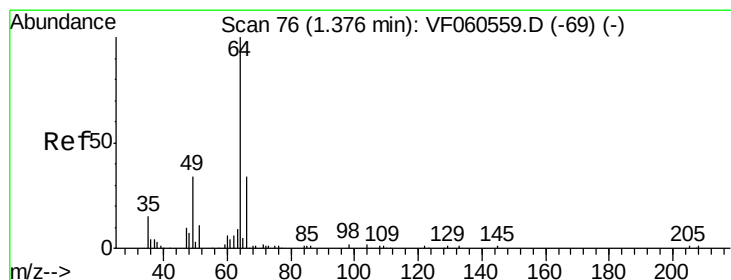
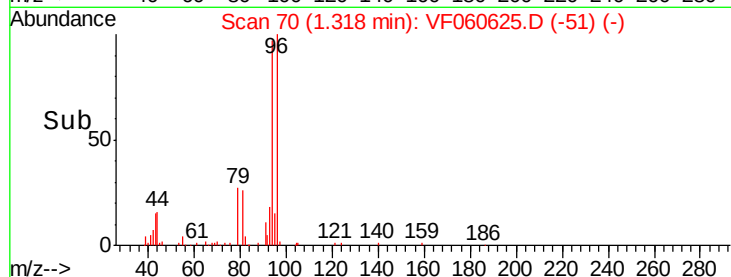
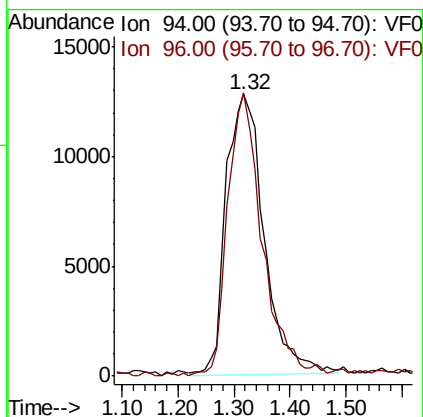
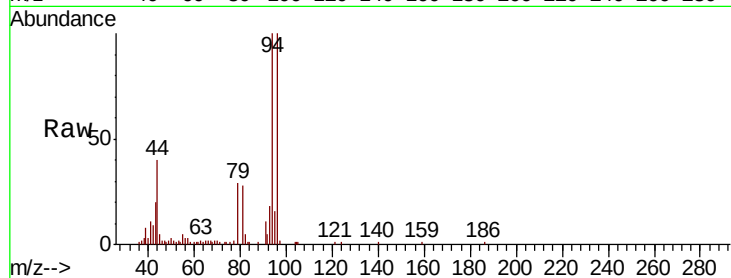
96 100.5 77.9 116.9

Manual Integrations

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#6

Chloroethane

Concen: 56.680 ug/l

RT: 1.38 min Scan# 76

Delta R.T. 0.00 min

Lab File: VF060625.D

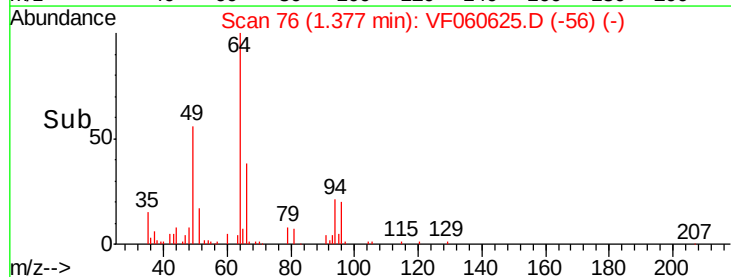
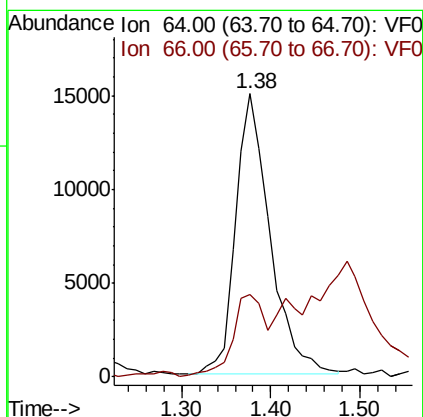
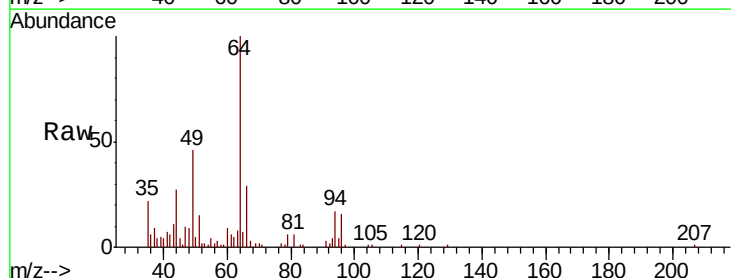
Acq: 7 Nov 2018 12:06

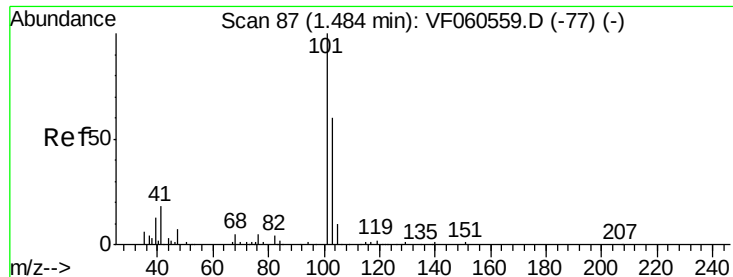
Tgt Ion: 64 Resp: 40102

Ion Ratio Lower Upper

64 100

66 29.1 27.8 41.8





#7

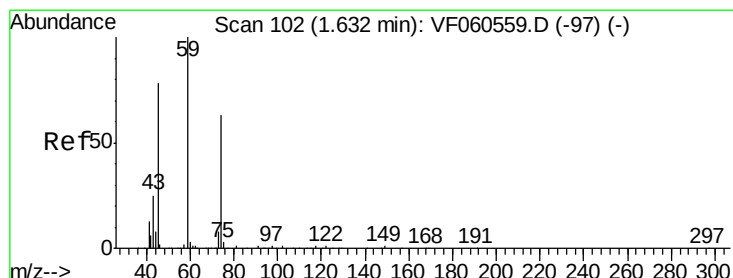
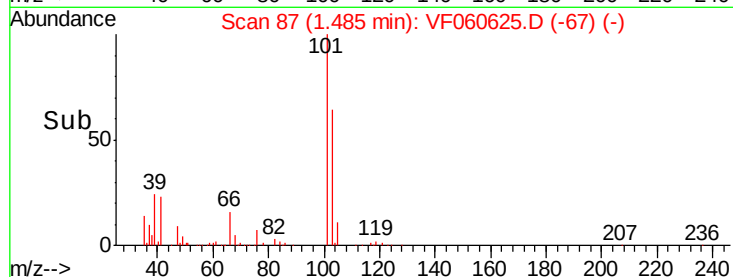
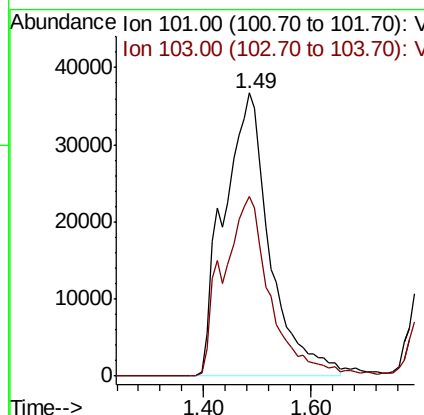
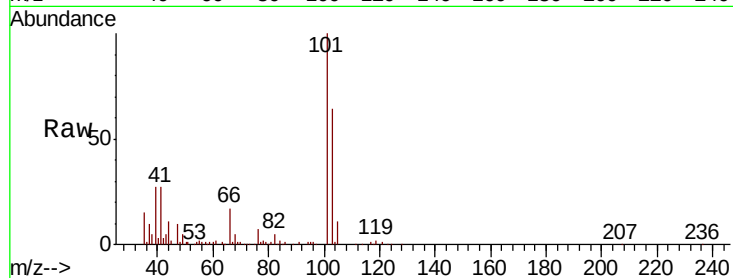
Trichlorofluoromethane
Concen: 58.835 ug/l
RT: 1.49 min Scan# 87
Delta R.T. 0.00 min
Lab File: VF060625.D
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	48.0	72.0

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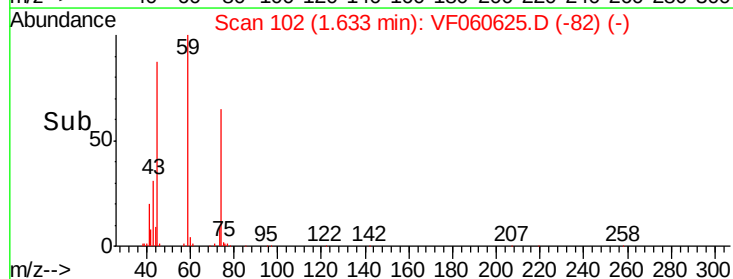
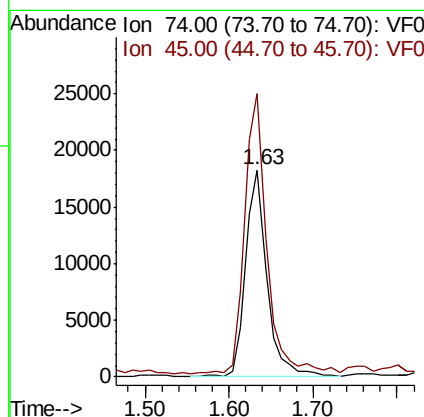
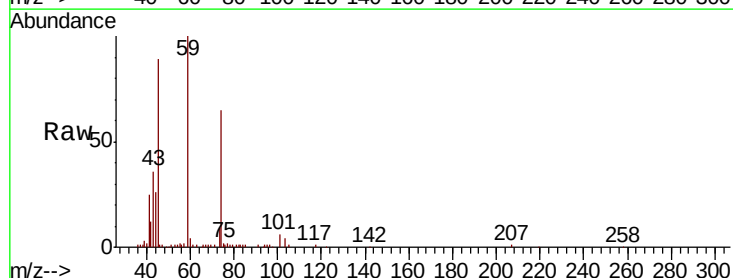
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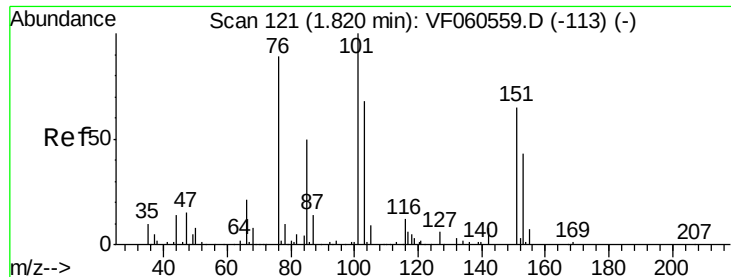


#8

Diethyl Ether
Concen: 47.369 ug/l
RT: 1.63 min Scan# 102
Delta R.T. 0.00 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	136.9	63.8	191.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.979 ug/l

RT: 1.82 min Scan# 121

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

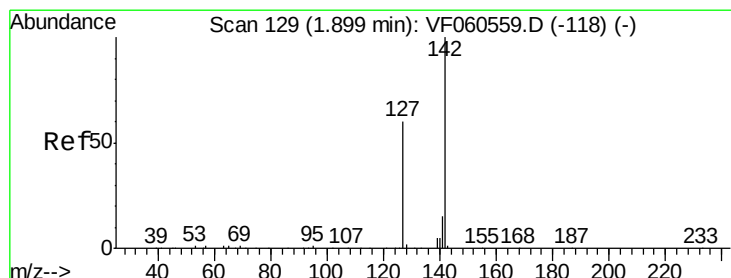
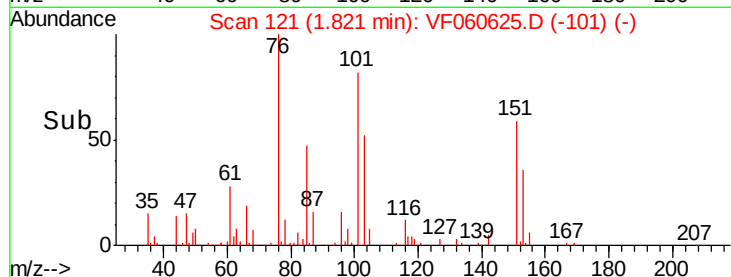
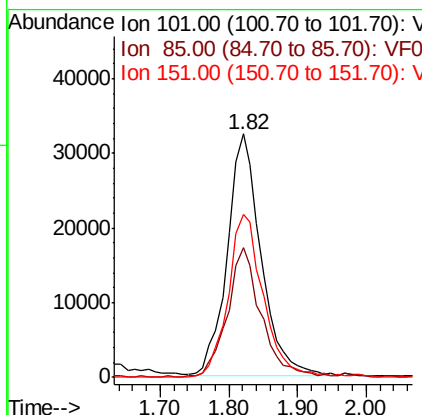
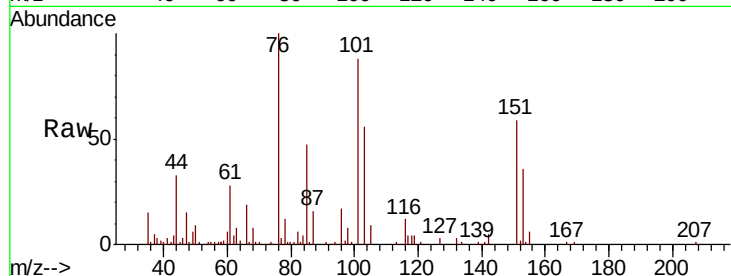
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	110053
Ion Ratio	Lower	Upper	
101	100		
85	53.4	39.8	59.6
151	66.7	50.8	76.2

Manual Integrations
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#10

Methyl Iodide

Concen: 51.832 ug/l m

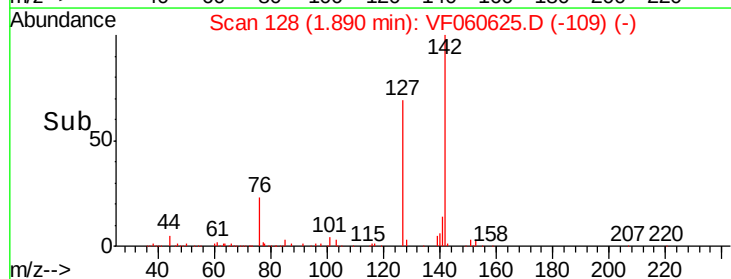
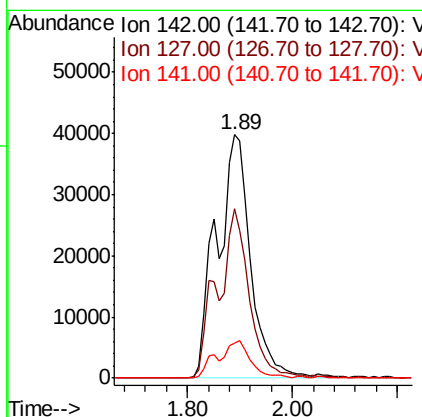
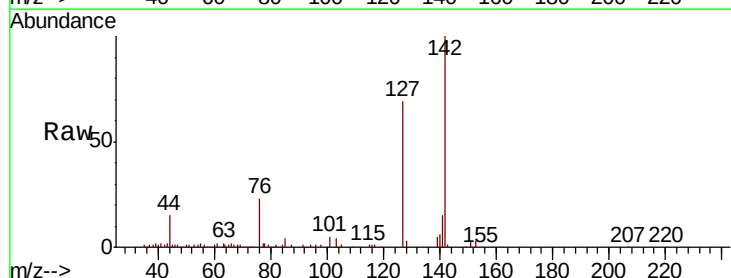
RT: 1.89 min Scan# 128

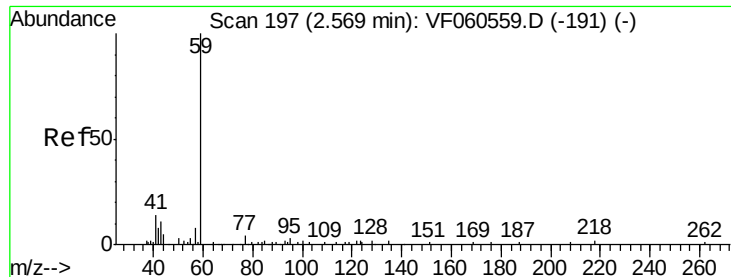
Delta R.T. -0.01 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Tgt Ion:	142	Resp:	180594
Ion Ratio	Lower	Upper	
142	100		
127	69.3	47.8	71.6
141	14.6	12.7	19.1





#11

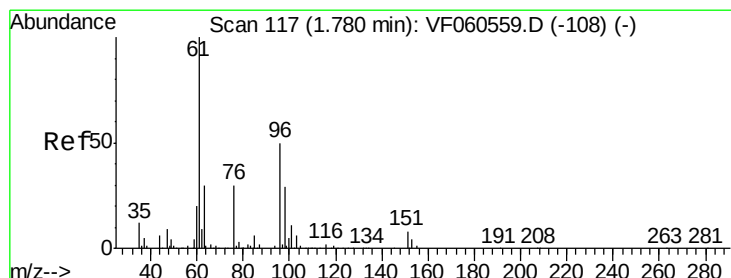
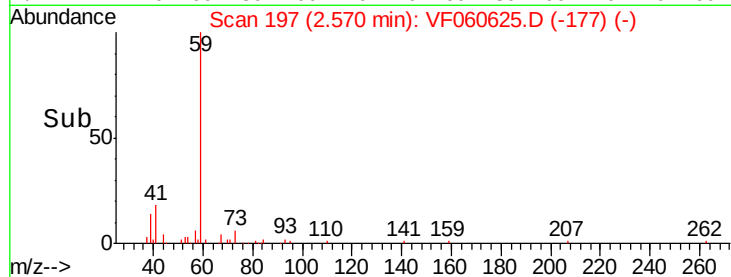
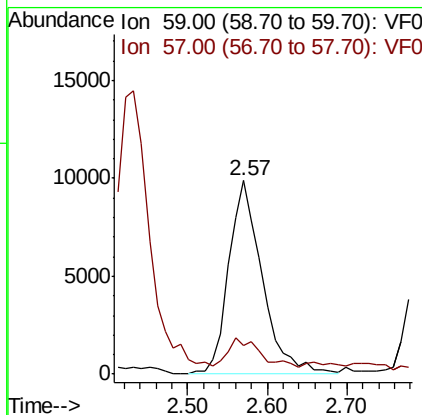
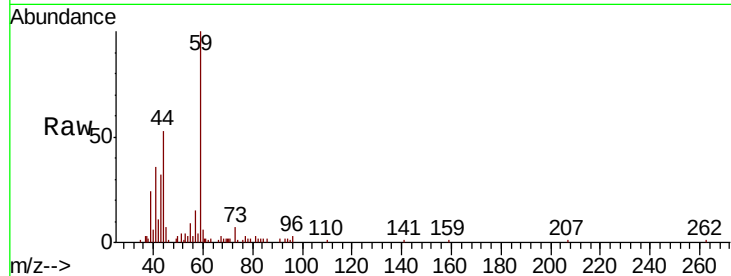
Tert butyl alcohol
Concen: 223.770 ug/l
RT: 2.57 min Scan# 197
Delta R.T. 0.00 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	14.7	19.0	28.4#

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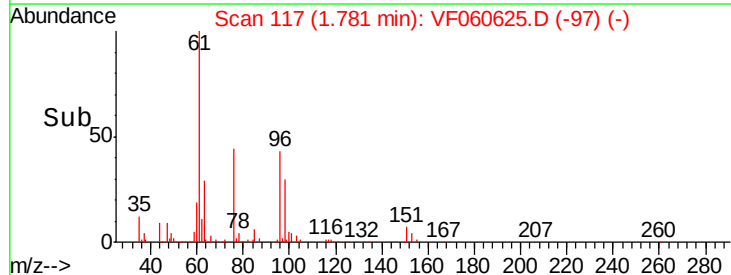
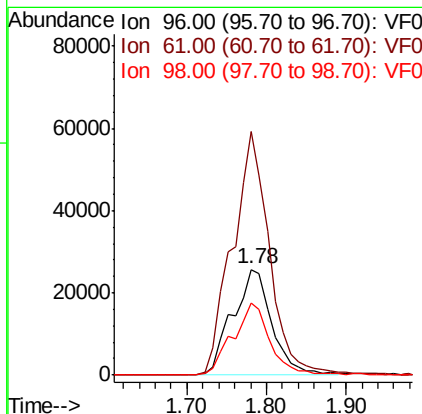
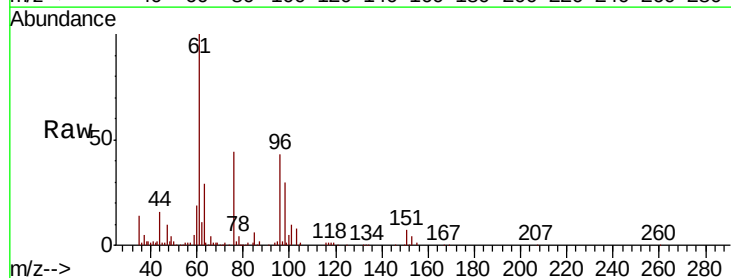
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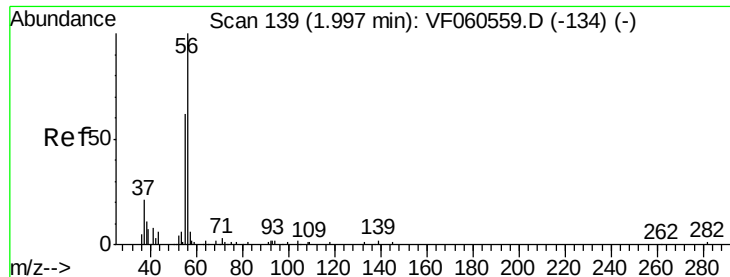


#12

1,1-Dichloroethene
Concen: 48.835 ug/l
RT: 1.78 min Scan# 117
Delta R.T. 0.00 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	230.0	158.1	237.1
98	68.5	47.0	70.6





#13

Acrolein

Concen: 211.147 ug/l

RT: 2.00 min Scan# 139

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 17602

Ion Ratio Lower Upper

56 100

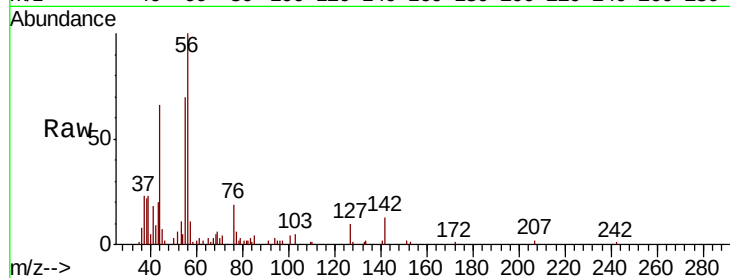
55 70.1 61.8 92.6

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Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

8000

6000

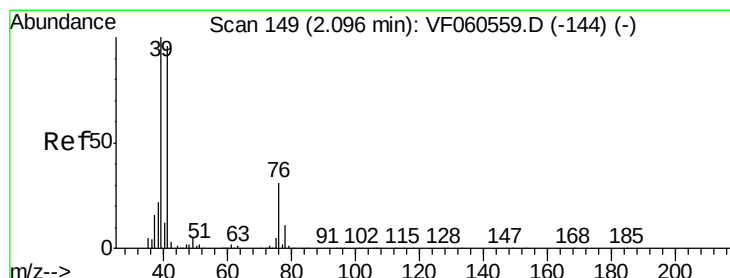
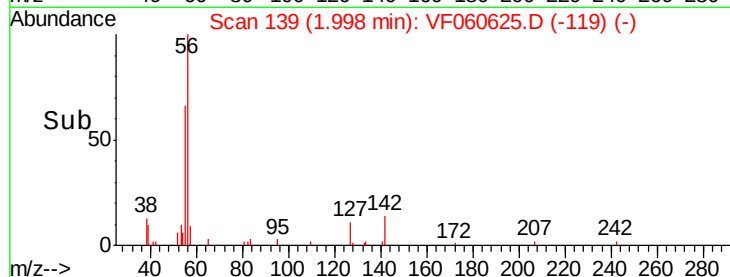
4000

2000

0

1.90 2.00 2.10 2.20

Time-->



#14

Allyl chloride

Concen: 53.336 ug/l

RT: 2.10 min Scan# 149

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

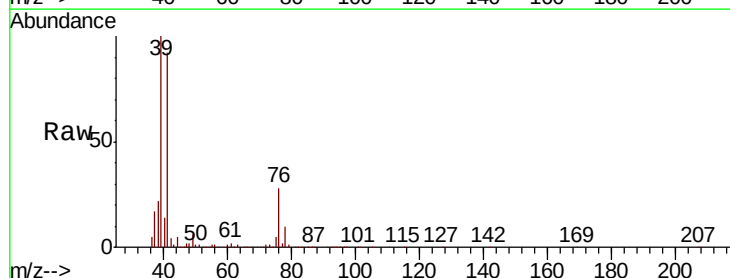
Tgt Ion: 41 Resp: 155303

Ion Ratio Lower Upper

41 100

39 108.1 82.6 124.0

76 30.7 26.7 40.1



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

100000

80000

60000

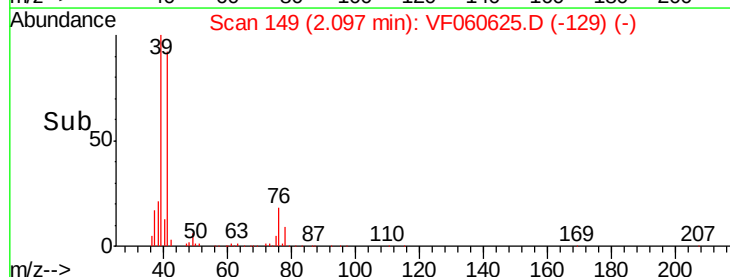
40000

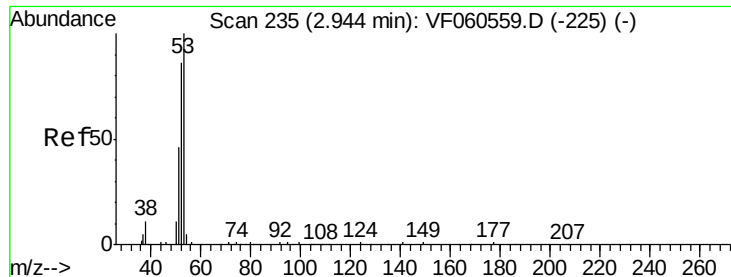
20000

0

2.00 2.10 2.20

Time-->





#15

Acrylonitrile

Concen: 220.066 ug/l

RT: 2.95 min Scan# 235

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

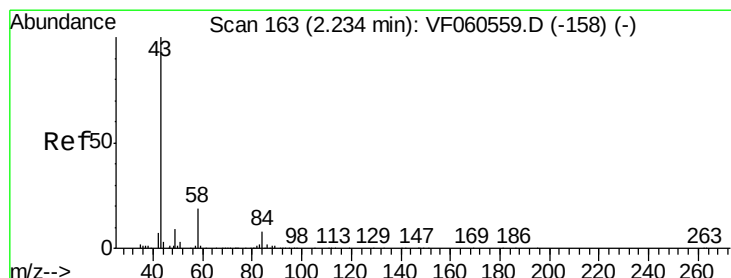
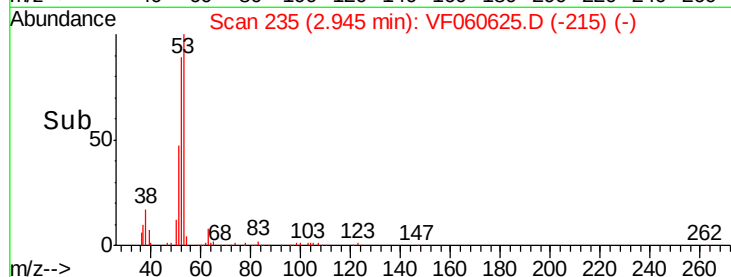
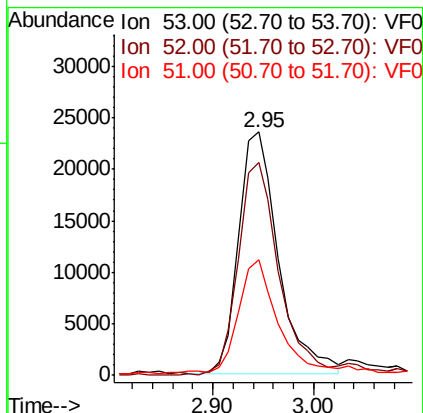
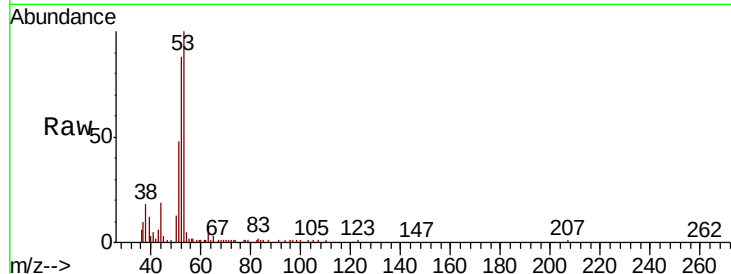
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	65047
Ion	Ratio	Lower	Upper
53	100		
52	87.7	68.5	102.7
51	47.5	38.2	57.2

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#16

Acetone

Concen: 260.289 ug/l

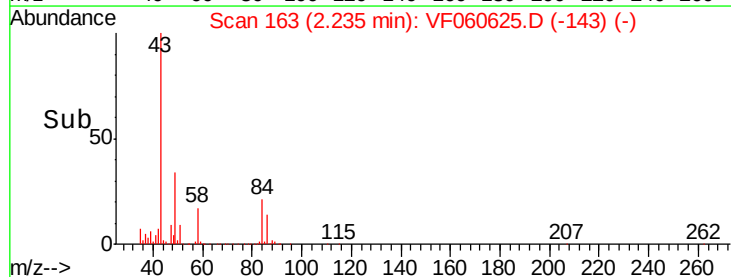
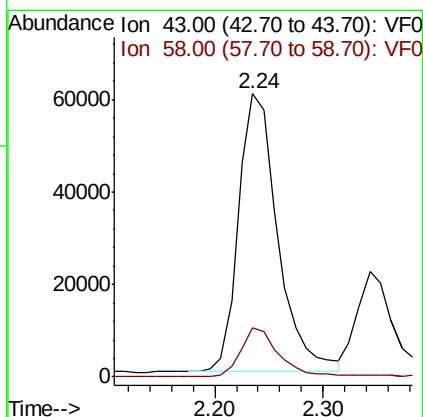
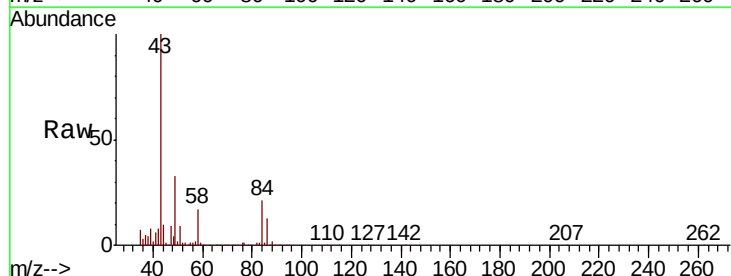
RT: 2.24 min Scan# 163

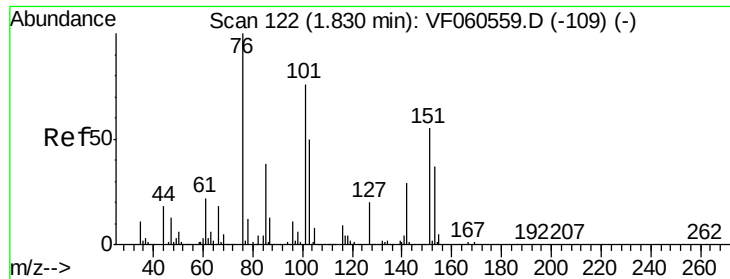
Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Tgt Ion:	43	Resp:	152117
Ion	Ratio	Lower	Upper
43	100		
58	17.1	14.6	22.0





#17

Carbon Disulfide

Concen: 51.285 ug/l

RT: 1.82 min Scan# 121

Delta R.T. -0.01 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 257614

Ion Ratio Lower Upper

76 100

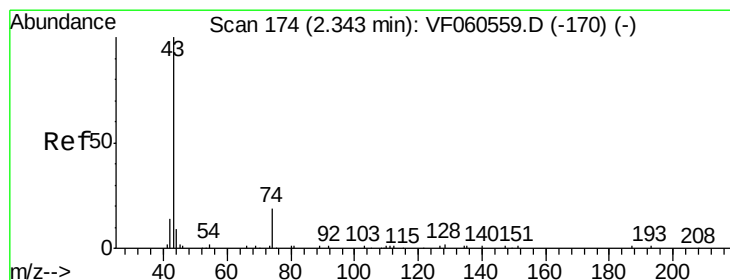
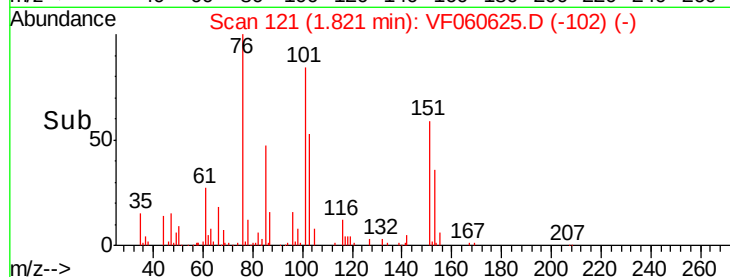
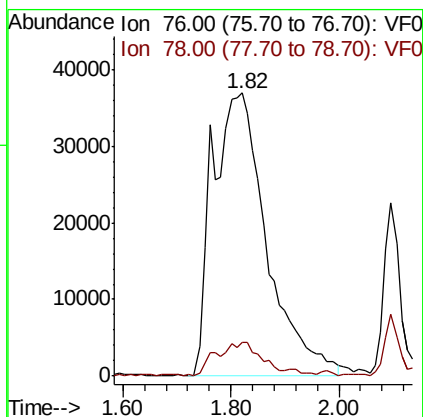
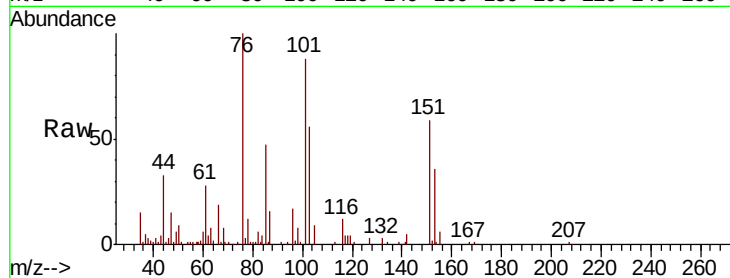
78 12.0 9.9 14.9

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#18

Methyl Acetate

Concen: 49.773 ug/l

RT: 2.34 min Scan# 174

Delta R.T. 0.00 min

Lab File: VF060625.D

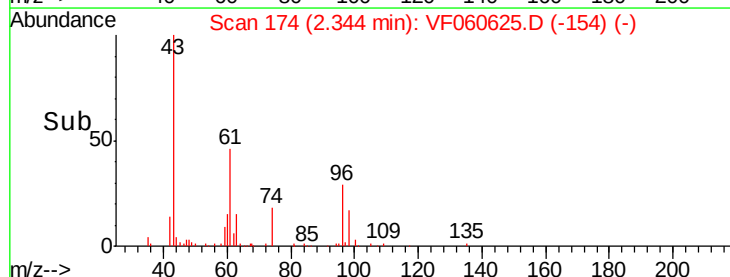
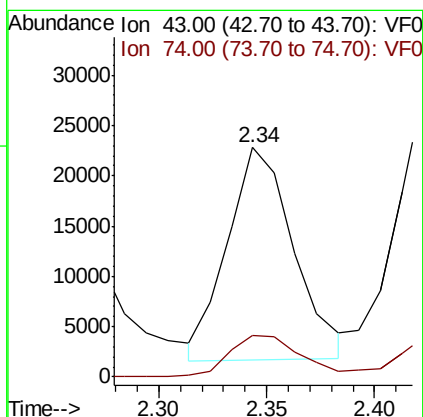
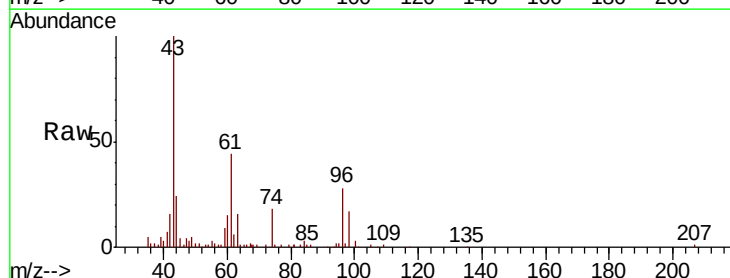
Acq: 7 Nov 2018 12:06

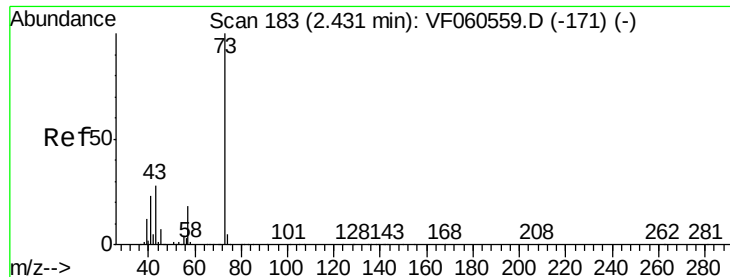
Tgt Ion: 43 Resp: 45181

Ion Ratio Lower Upper

43 100

74 18.1 12.1 18.1





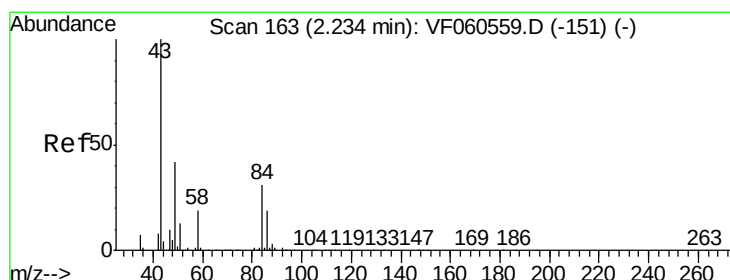
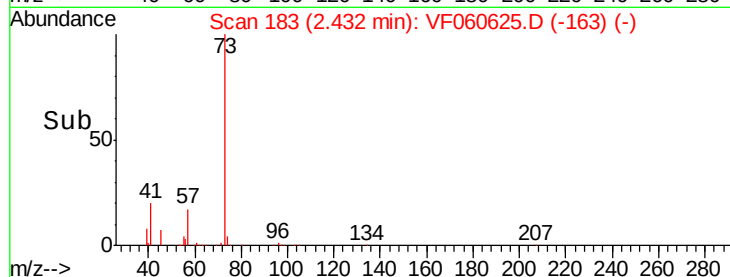
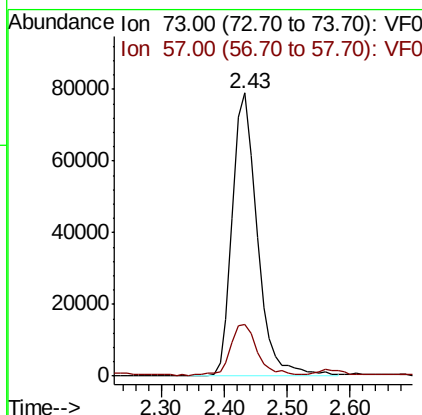
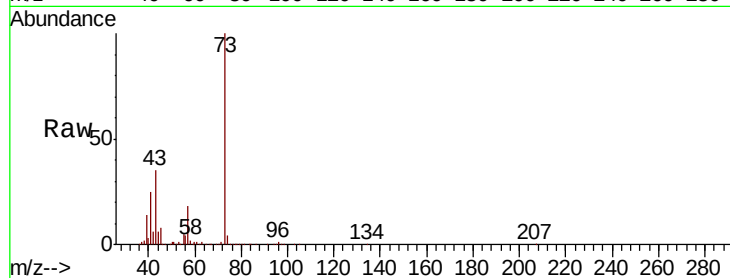
#19
Methyl tert-butyl Ether
Concen: 52.080 ug/l
RT: 2.43 min Scan# 183
Delta R.T. 0.00 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	18.3	15.4	23.0

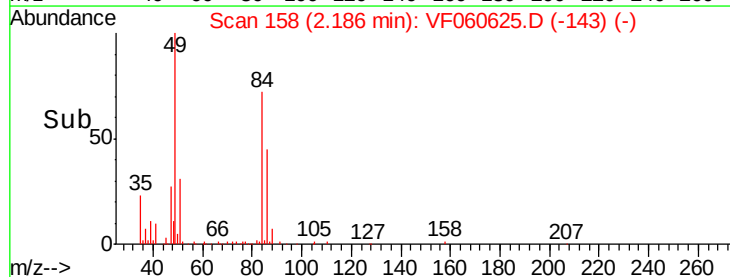
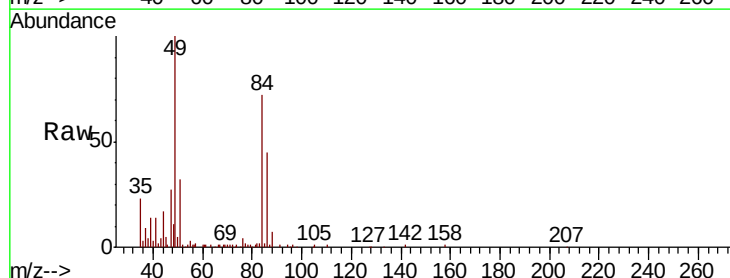
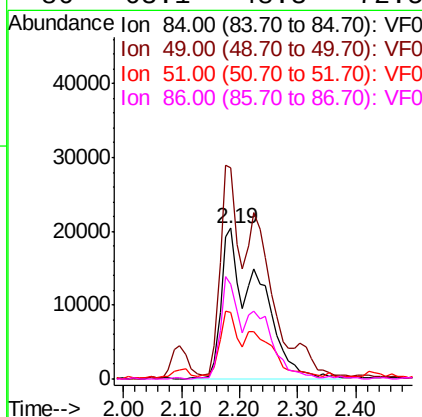
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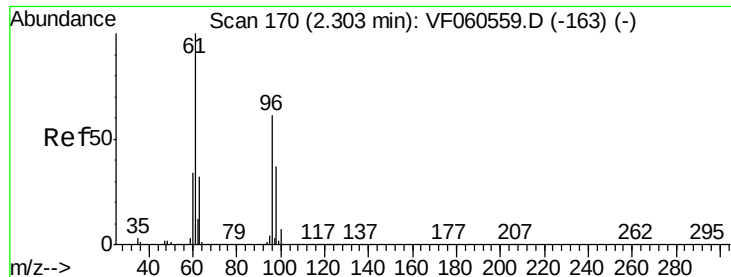
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#20
Methylene Chloride
Concen: 53.230 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. -0.05 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	139.7	109.9	164.9
51	44.4	35.8	53.8
86	63.1	48.3	72.5





#21

trans-1,2-Dichloroethene

Concen: 52.359 ug/l

RT: 2.31 min Scan# 171

Delta R.T. 0.01 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

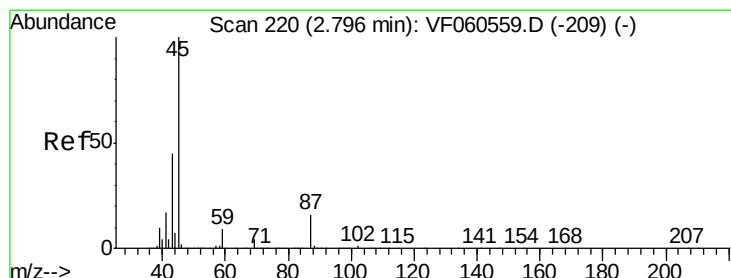
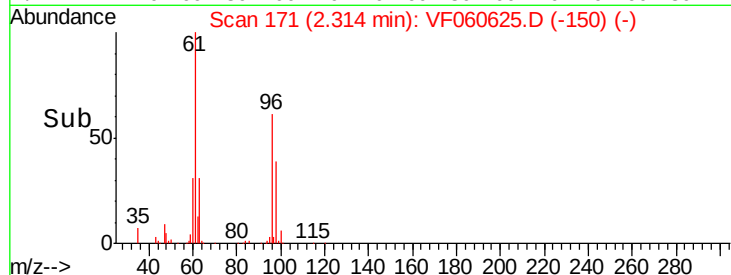
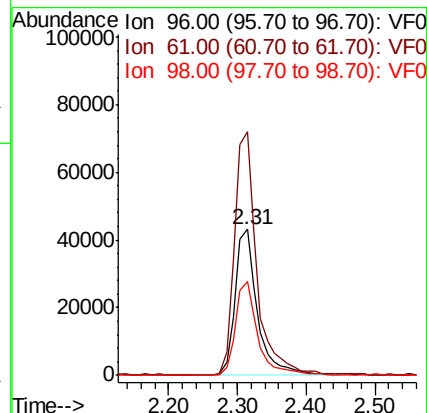
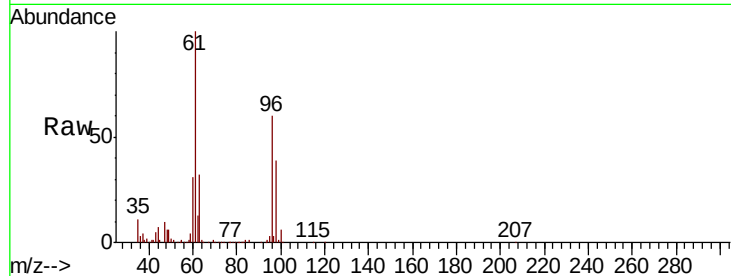
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	97955
Ion	Ratio	Lower	Upper
96	100		
61	166.6	131.3	196.9
98	64.6	48.6	73.0

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#22

Diisopropyl ether

Concen: 52.294 ug/l

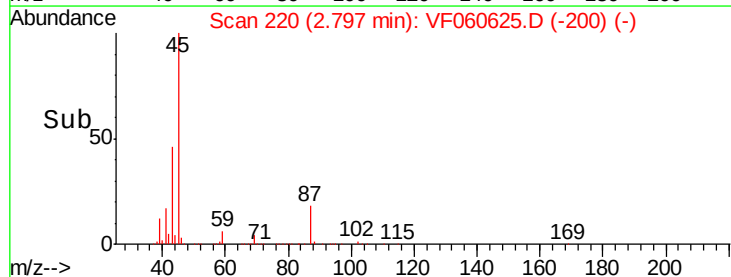
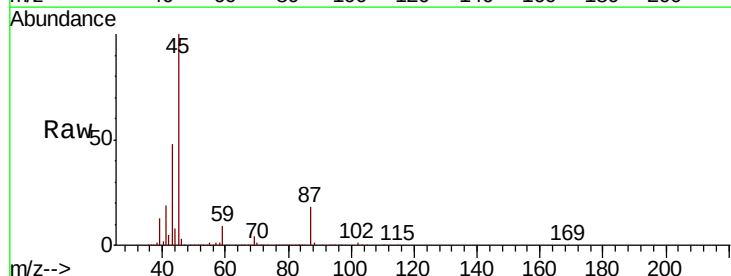
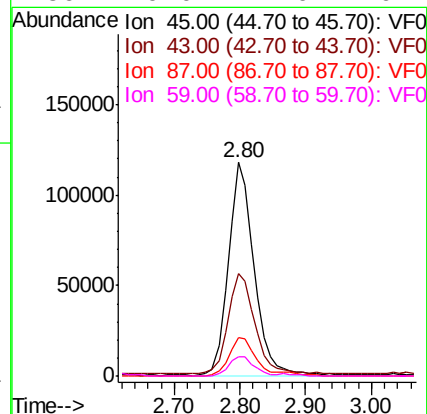
RT: 2.80 min Scan# 220

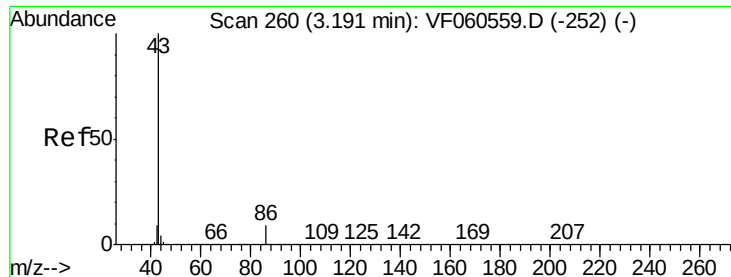
Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Tgt Ion:	45	Resp:	322615
Ion	Ratio	Lower	Upper
45	100		
43	47.8	38.1	57.1
87	18.2	12.7	19.1
59	9.0	7.0	10.4





#23

Vinyl Acetate

Concen: 241.614 ug/l

RT: 3.19 min Scan# 260

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 895577

Ion Ratio Lower Upper

43 100

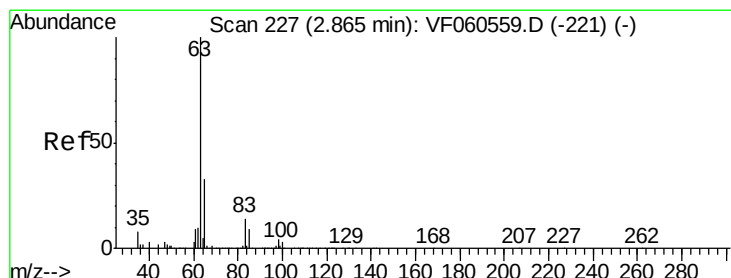
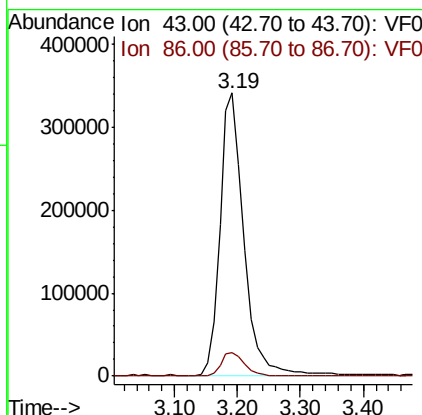
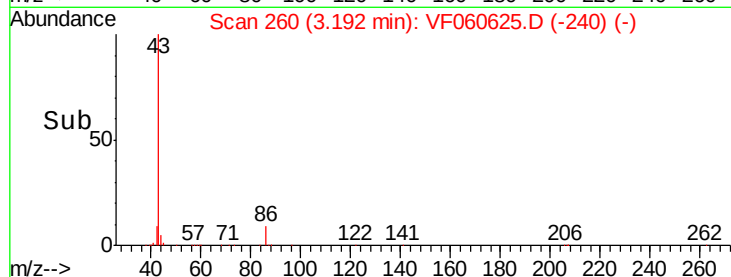
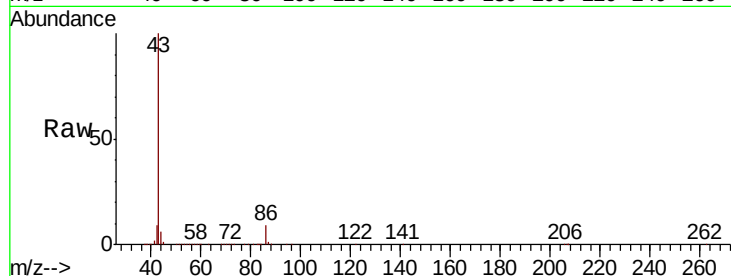
86 8.5 7.1 10.7

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#24

1,1-Dichloroethane

Concen: 52.810 ug/l

RT: 2.88 min Scan# 228

Delta R.T. 0.01 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

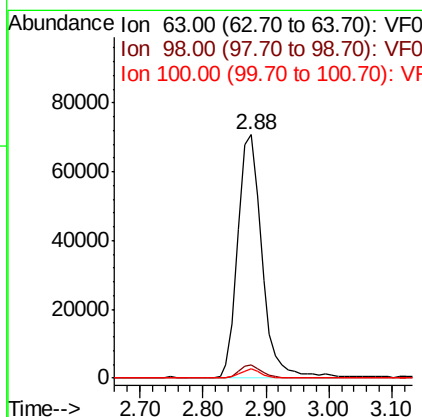
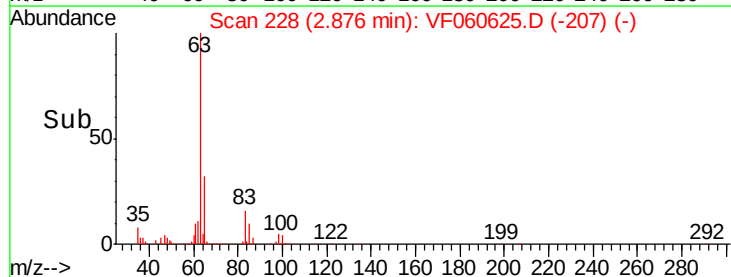
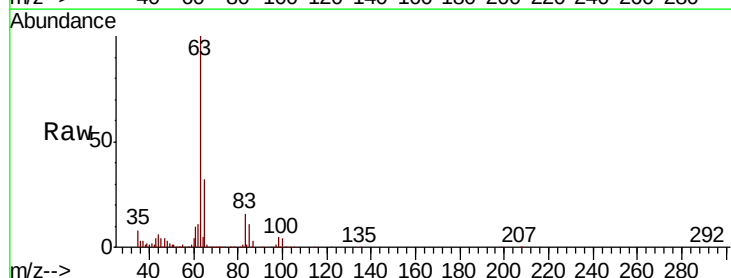
Tgt Ion: 63 Resp: 188549

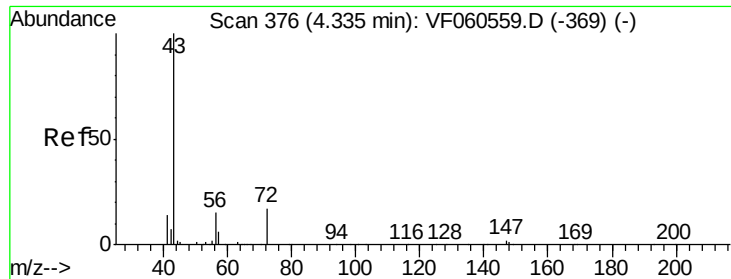
Ion Ratio Lower Upper

63 100

98 5.3 2.2 6.6

100 3.7 1.4 4.0





#25

2-Butanone

Concen: 288.620 ug/l

RT: 4.34 min Scan# 376

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 311802

Ion Ratio Lower Upper

43 100

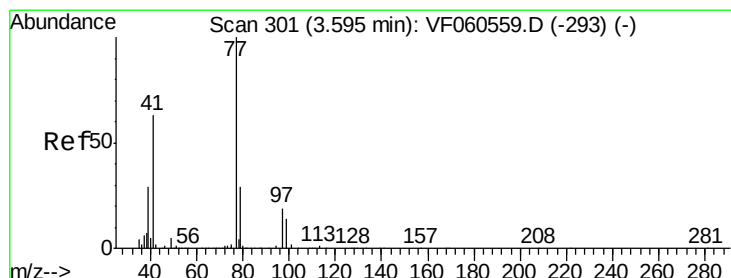
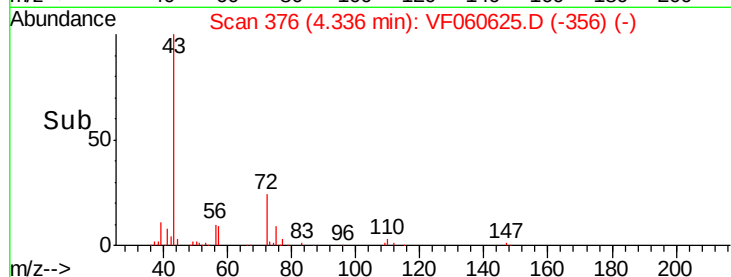
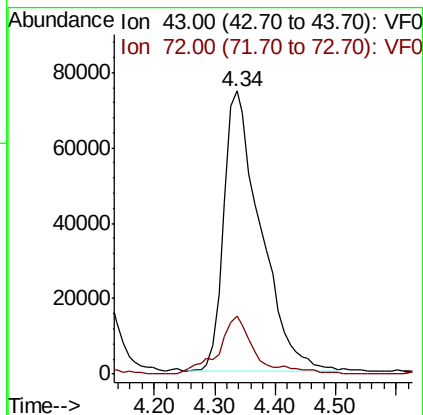
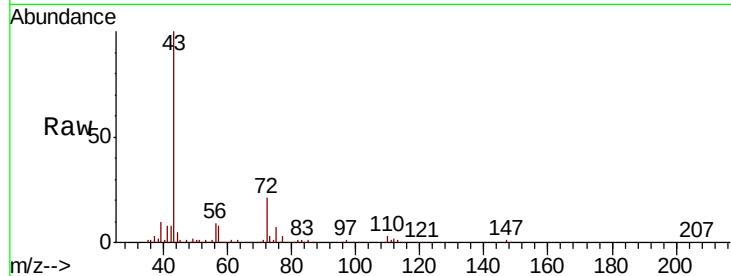
72 20.7 16.2 24.2

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#26

2,2-Dichloropropane

Concen: 57.374 ug/l

RT: 3.60 min Scan# 301

Delta R.T. 0.00 min

Lab File: VF060625.D

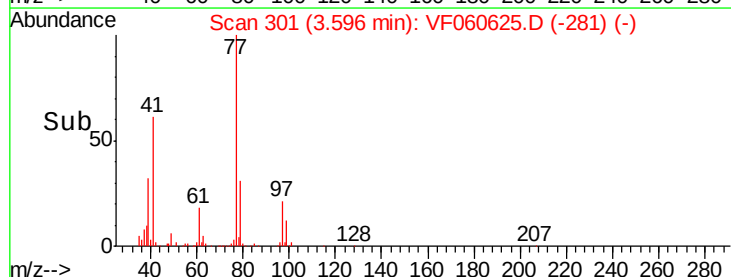
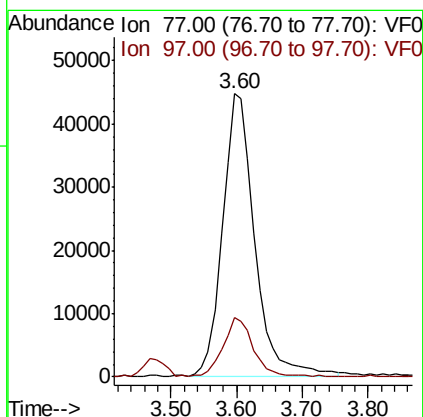
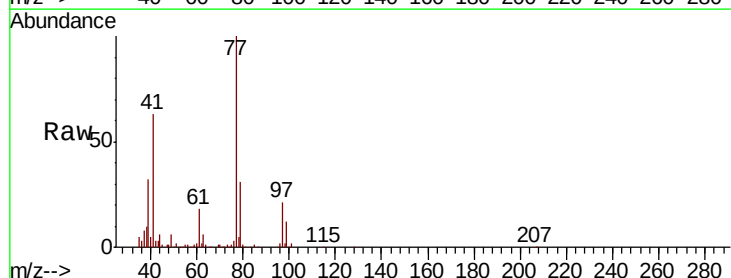
Acq: 7 Nov 2018 12:06

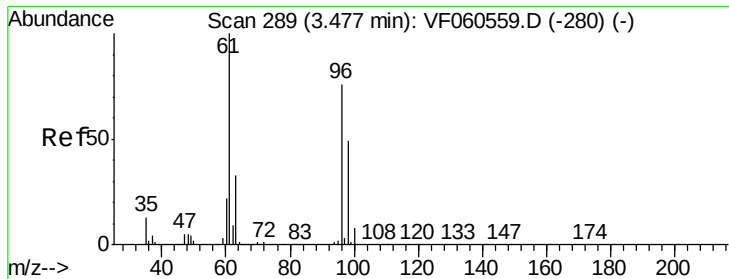
Tgt Ion: 77 Resp: 153274

Ion Ratio Lower Upper

77 100

97 21.1 9.8 29.3





#27

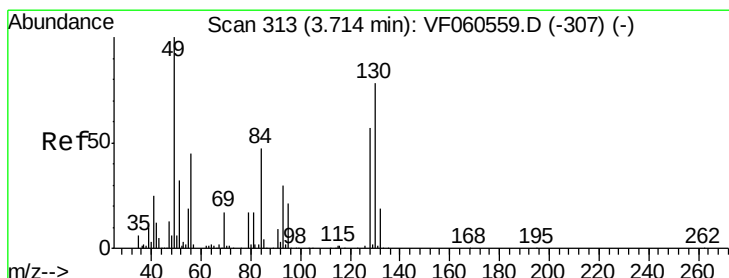
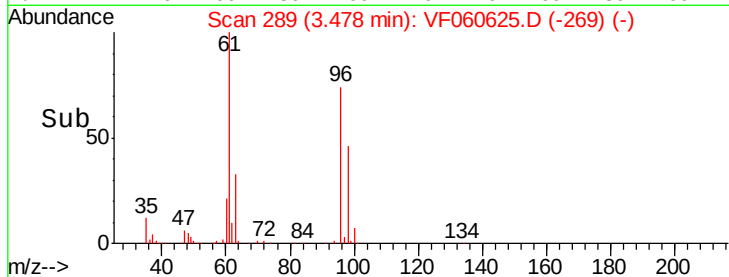
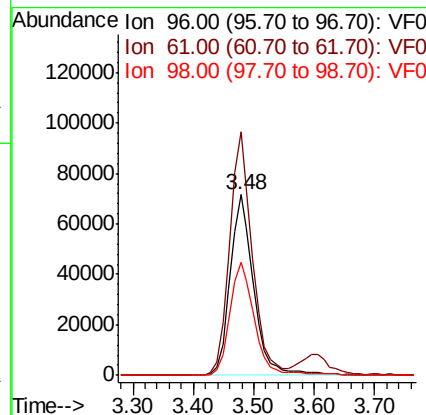
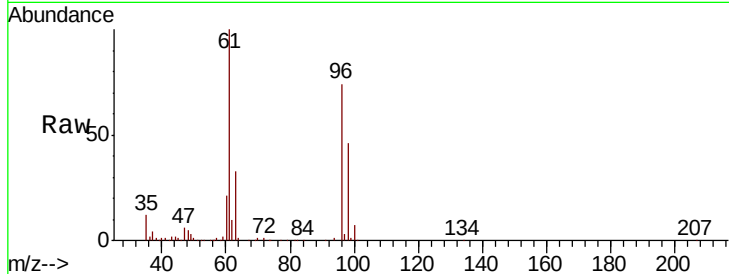
cis-1,2-Dichloroethene
Concen: 54.212 ug/l
RT: 3.48 min Scan# 289
Delta R.T. 0.00 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	193614		
61	134.8	0.0	263.0	
98	62.3	0.0	130.6	

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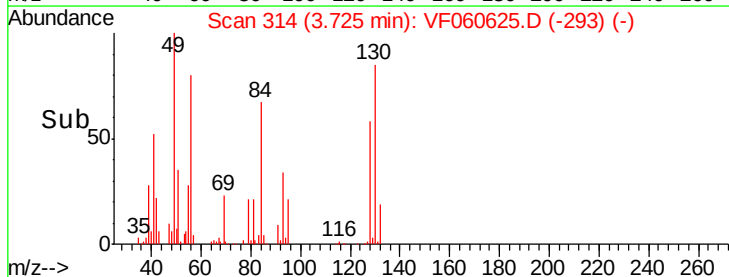
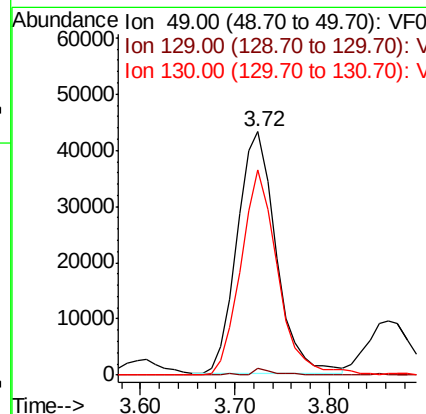
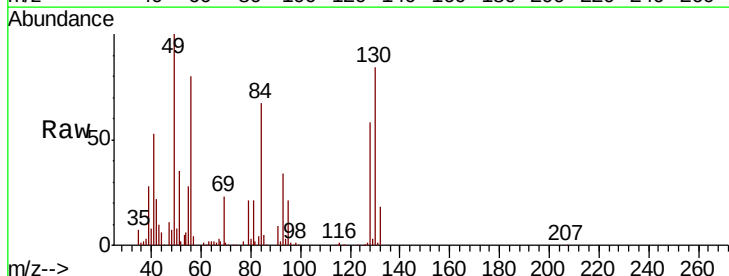
apatel
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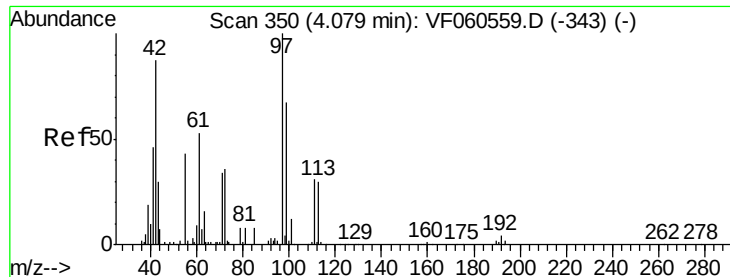


#28

Bromochloromethane
Concen: 54.917 ug/l
RT: 3.72 min Scan# 314
Delta R.T. 0.01 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	123047		
129	3.1	0.0	4.6	
130	84.4	61.8	92.8	





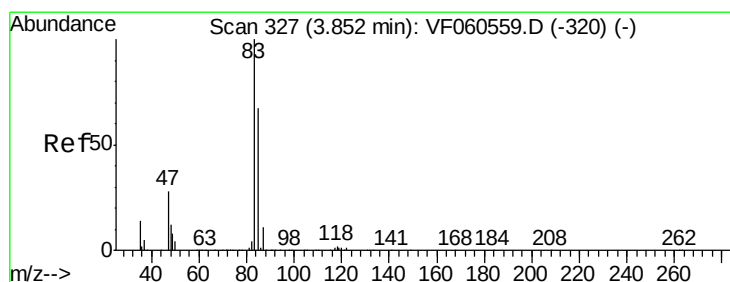
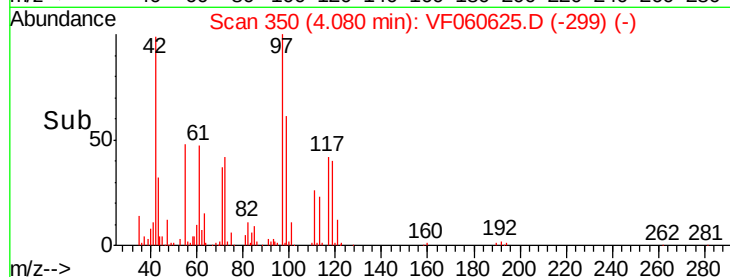
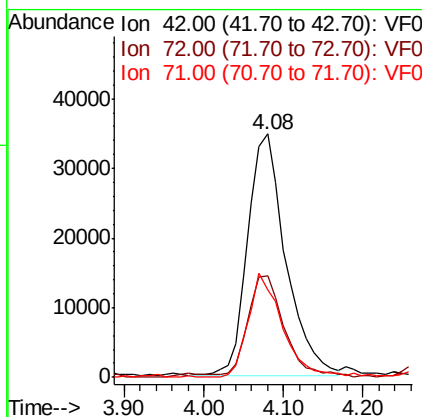
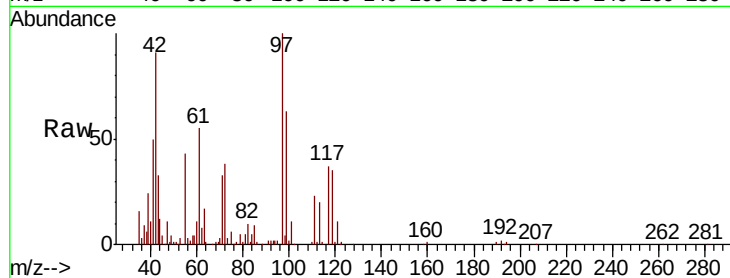
#29
Tetrahydrofuran
Concen: 264.131 ug/l
RT: 4.08 min Scan# 350
Delta R.T. 0.00 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	31.4	47.0
71	40.1	31.8	47.6

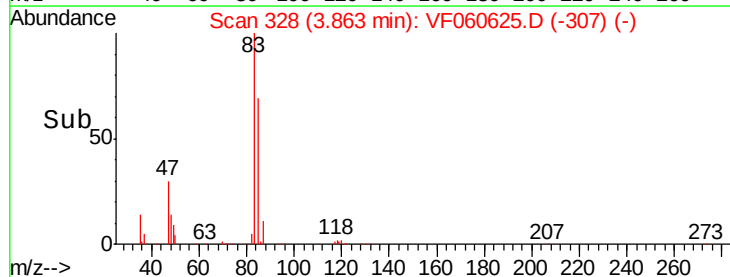
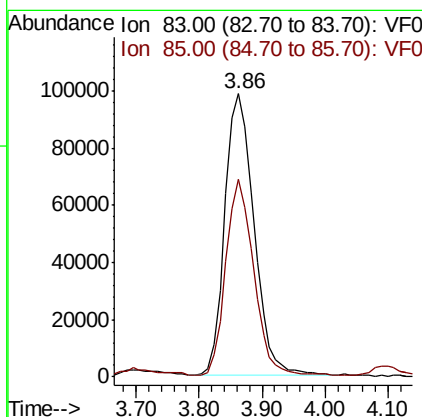
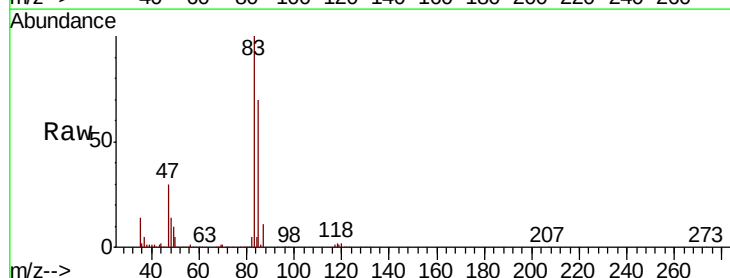
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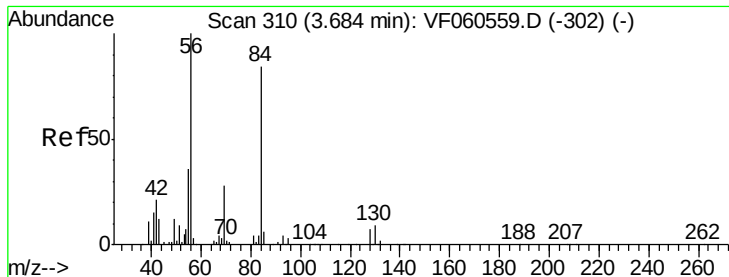
apatel
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#30
Chloroform
Concen: 56.016 ug/l
RT: 3.86 min Scan# 328
Delta R.T. 0.01 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.7	53.7	80.5





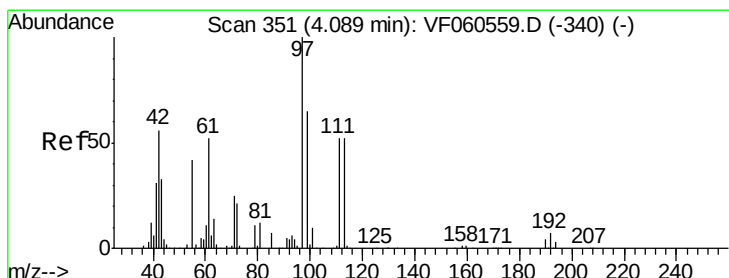
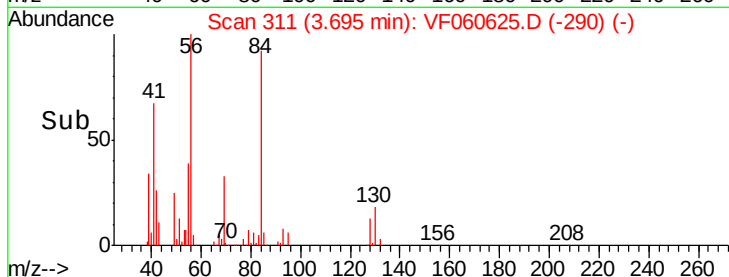
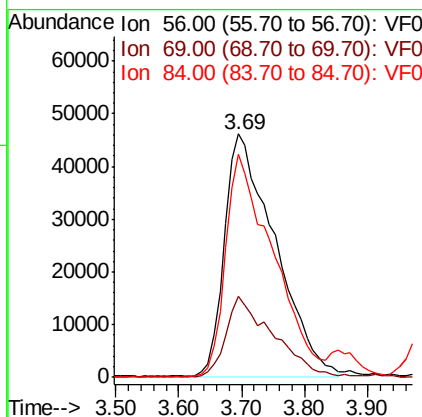
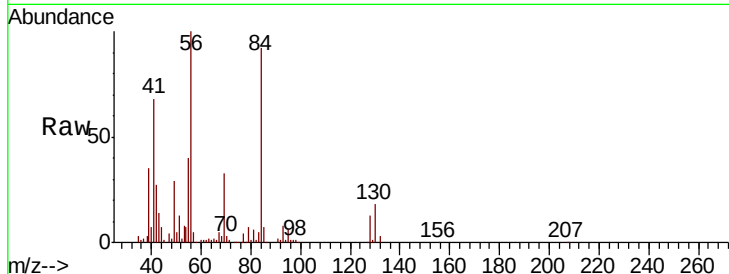
#31
Cyclohexane
Concen: 51.633 ug/l
RT: 3.69 min Scan# 311
Delta R.T. 0.01 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	254397
Ion	Ratio	Lower	Upper
56	100		
69	33.1	23.0	34.4
84	91.8	67.1	100.7

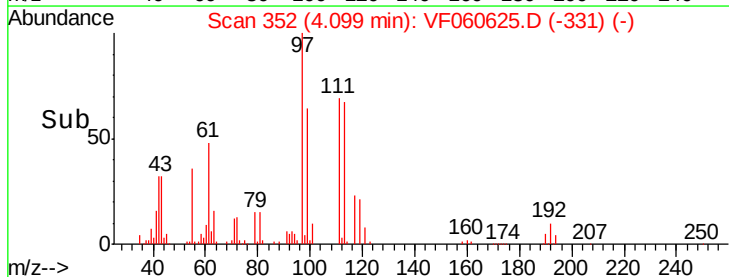
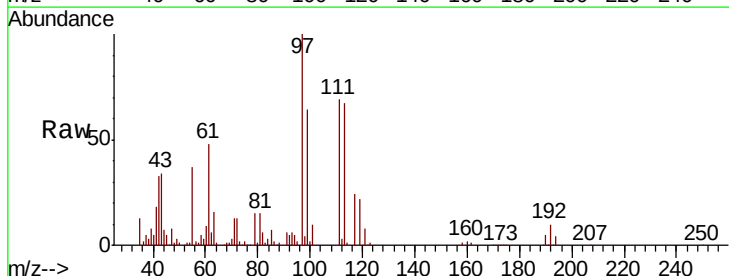
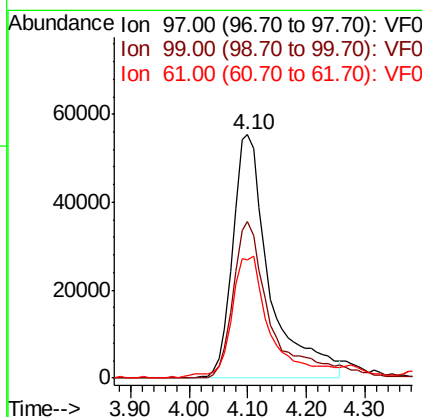
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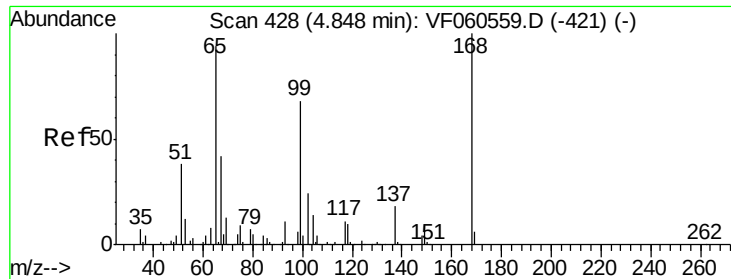
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#32
1,1,1-Trichloroethane
Concen: 62.016 ug/l m
RT: 4.10 min Scan# 352
Delta R.T. 0.01 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Tgt Ion	97	Resp	244663
Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.4	78.6
61	48.3	41.5	62.3





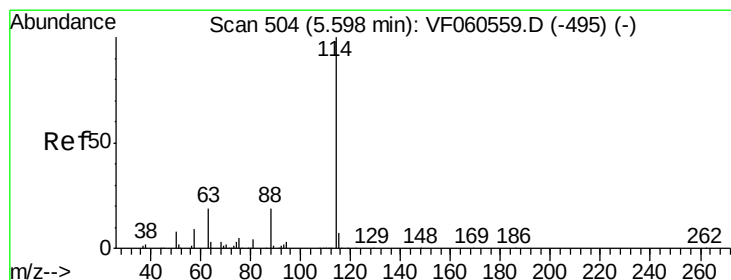
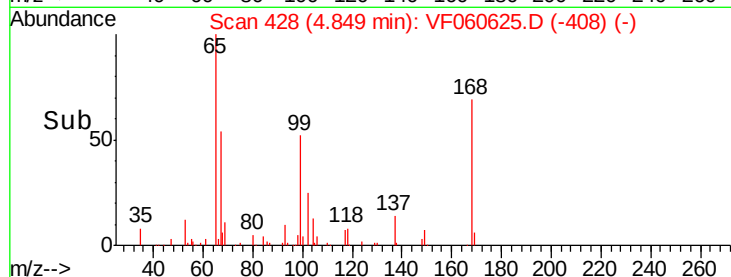
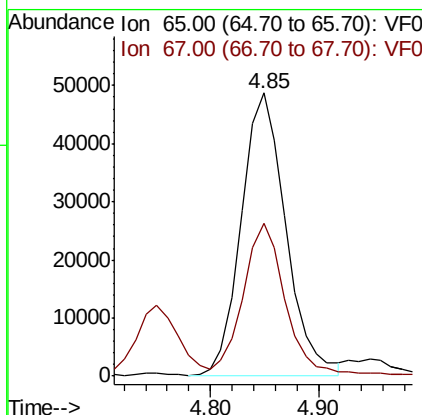
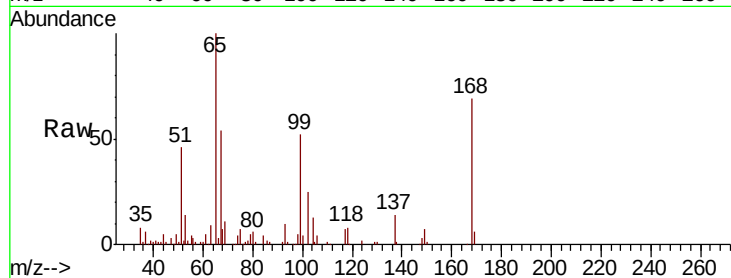
#33
 1,2-Dichloroethane-d4
 Concen: 56.286 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: VF060625.D
 Acq: 7 Nov 2018 12:06

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	101.8

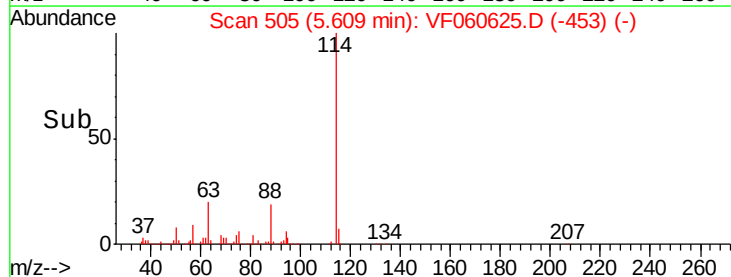
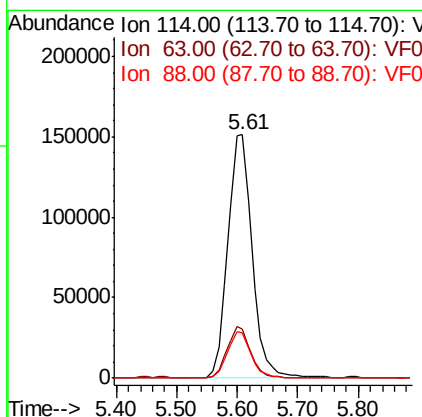
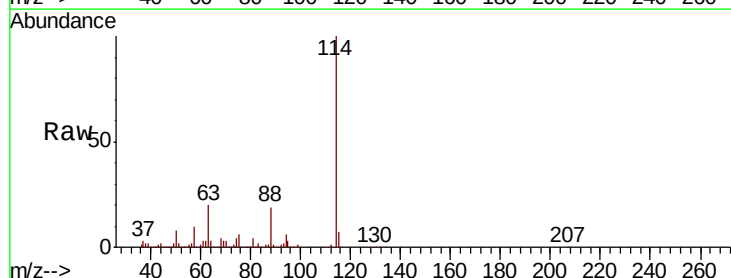
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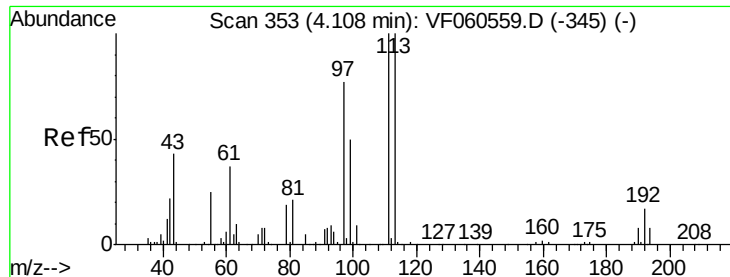
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: VF060625.D
 Acq: 7 Nov 2018 12:06

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.0
88	18.7	0.0	38.2





#35

Dibromofluoromethane

Concen: 55.218 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

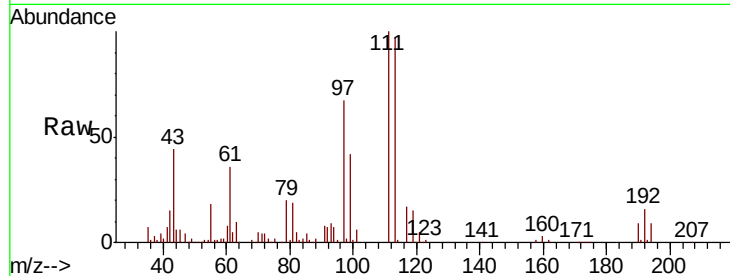
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	181132
Ion Ratio	Lower	Upper	
113	100		
111	103.1	79.9	119.9
192	16.4	13.3	19.9

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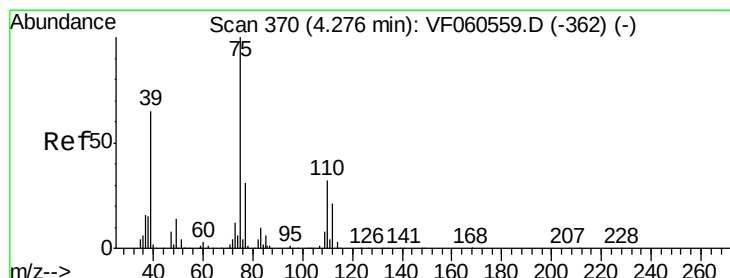
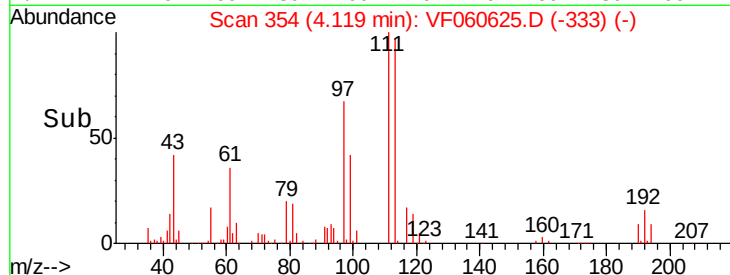
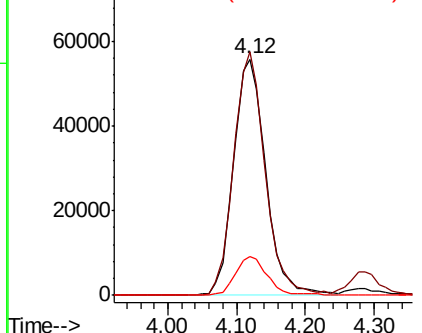


Abundance

Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#36

1,1-Dichloropropene

Concen: 56.280 ug/l

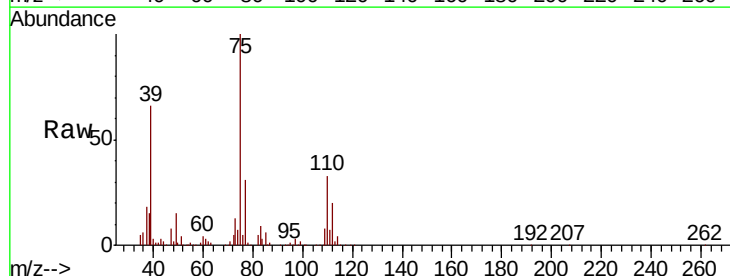
RT: 4.29 min Scan# 371

Delta R.T. 0.01 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Tgt Ion:	75	Resp:	263105
Ion Ratio	Lower	Upper	
75	100		
110	32.8	16.2	48.6
77	31.1	25.0	37.6

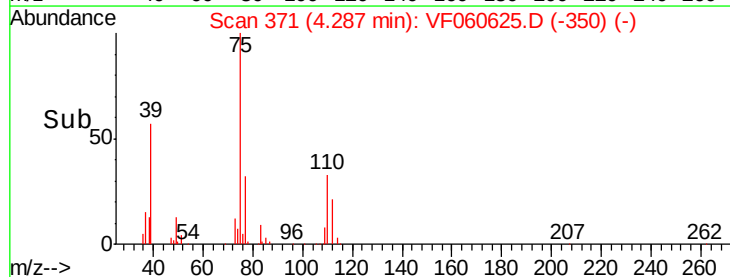
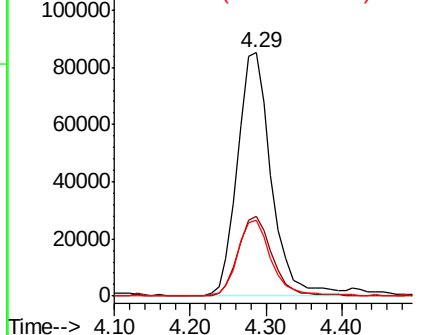


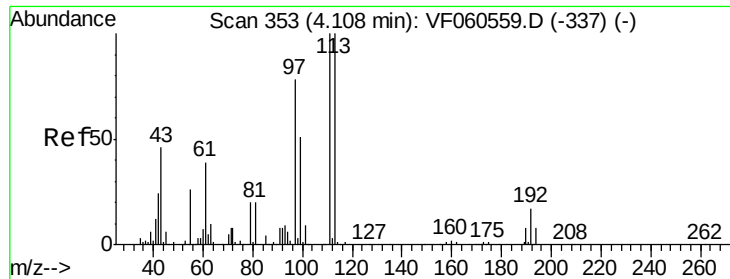
Abundance

Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0





#37

Ethyl Acetate

Concen: 44.579 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

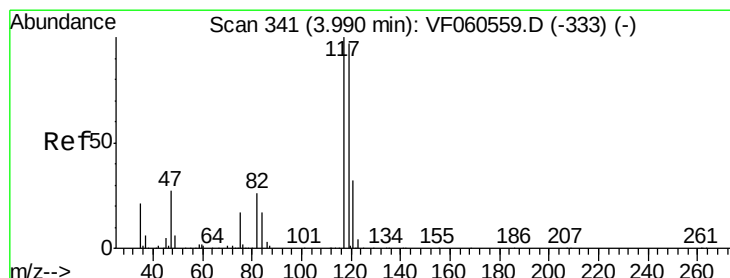
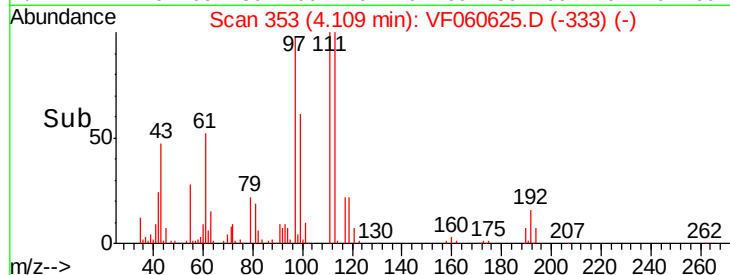
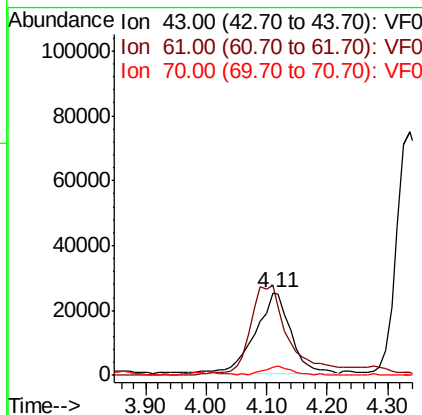
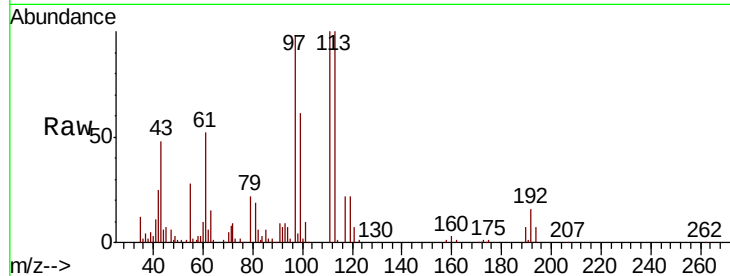
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	100043
Ion	Ratio	Lower	Upper
43	100		
61	108.4	63.4	95.2#
70	9.4	9.3	13.9

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#38

Carbon Tetrachloride

Concen: 53.015 ug/l

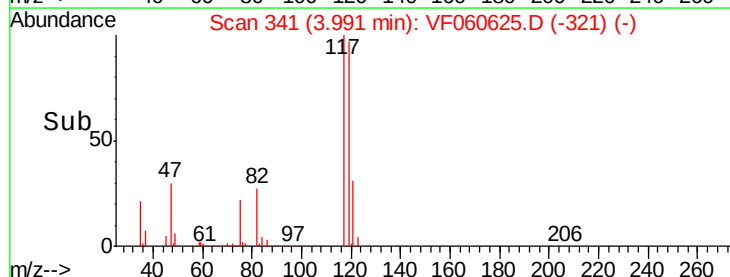
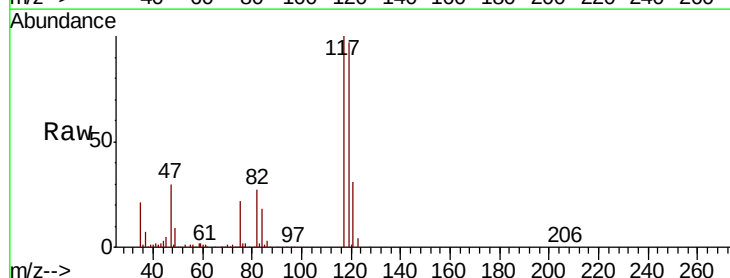
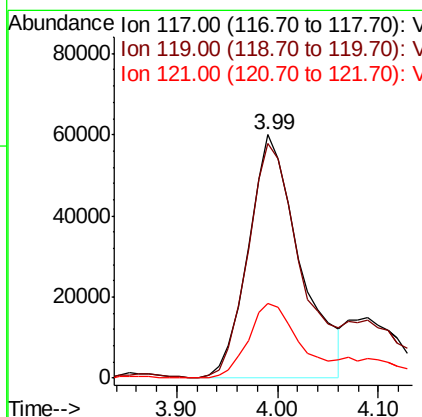
RT: 3.99 min Scan# 341

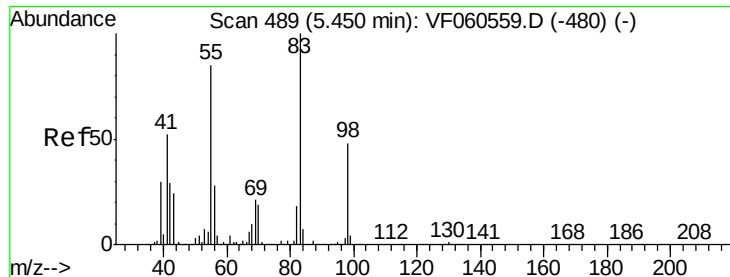
Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Tgt Ion:	117	Resp:	211782
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.8	116.6
121	30.9	25.6	38.4





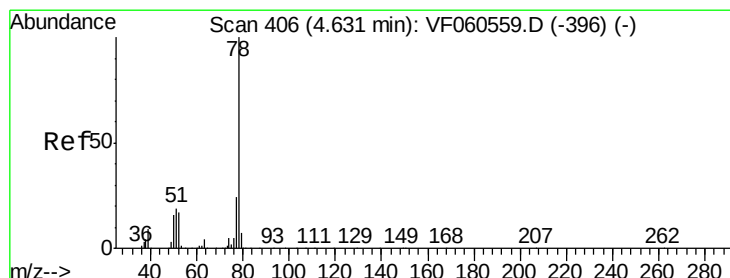
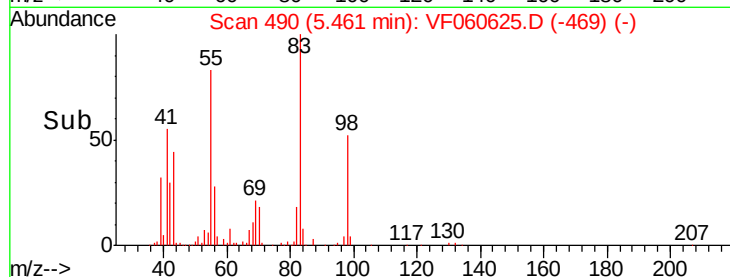
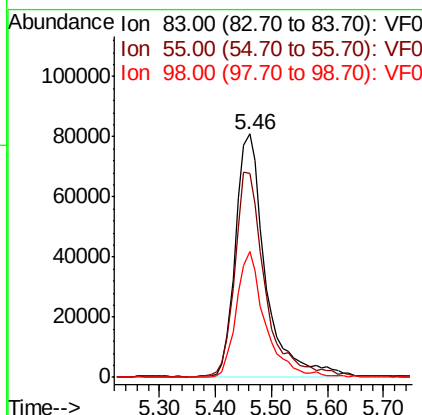
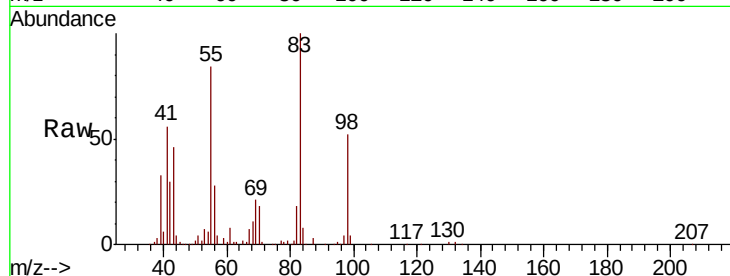
#39
Methylvlcyclohexane
Concen: 52.817 ug/l
RT: 5.46 min Scan# 490
Delta R.T. 0.01 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.7	69.1	103.7
98	51.5	38.6	57.8

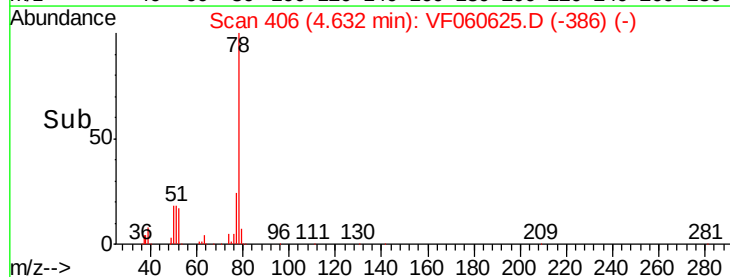
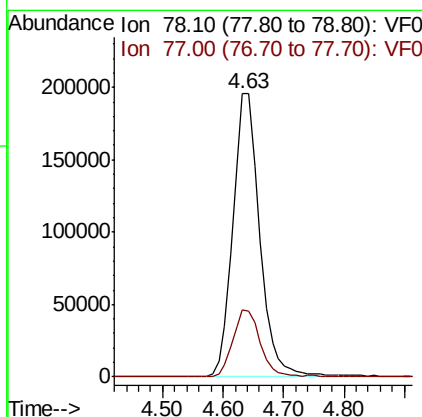
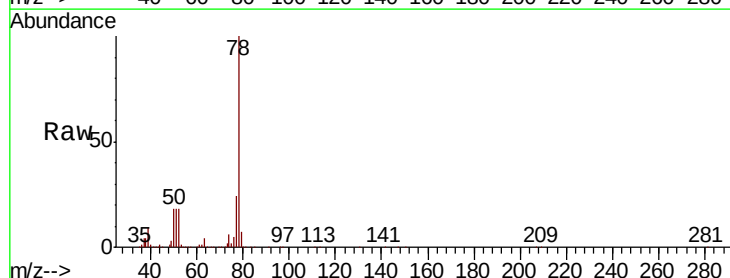
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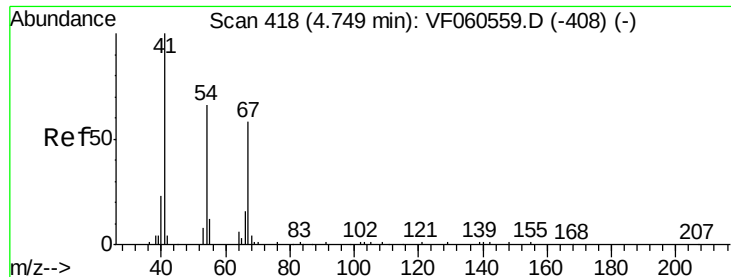
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#40
Benzene
Concen: 53.380 ug/l
RT: 4.63 min Scan# 406
Delta R.T. 0.00 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9





#41

Methacrylonitrile

Concen: 48.808 ug/l

RT: 4.75 min Scan# 418

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

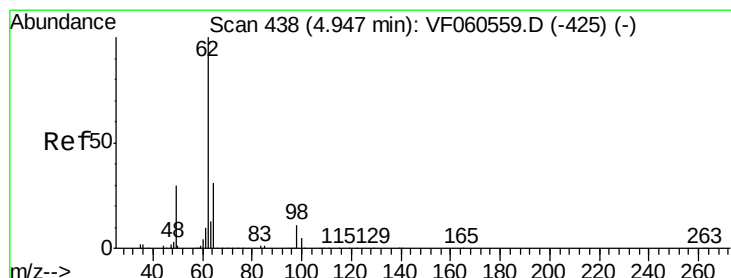
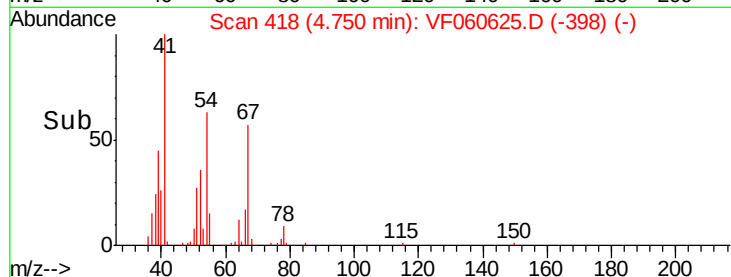
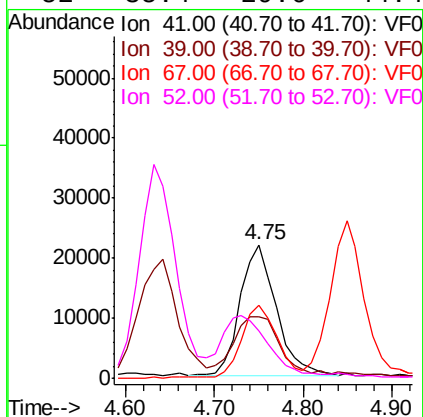
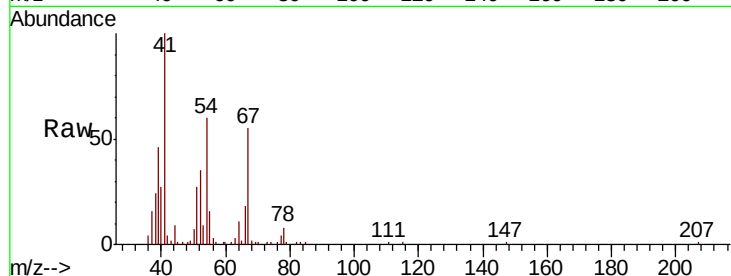
ClientSampleId :

VSTDCCC050

Tot Ion:	41	Resp:	62029
Ion	Ratio	Lower	Upper
41	100		
39	46.2	45.6	68.4
67	55.1	45.3	67.9
52	35.4	29.6	44.4

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#42

1,2-Dichloroethane

Concen: 53.904 ug/l

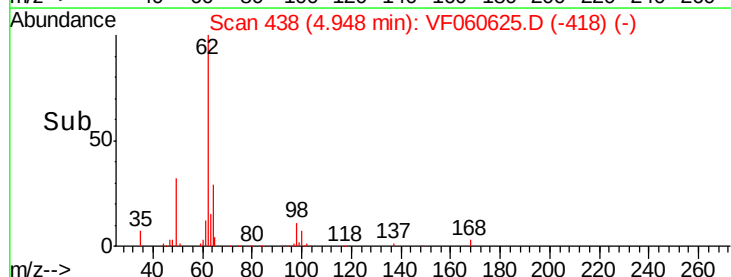
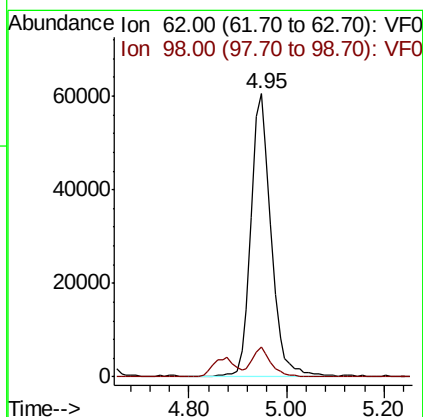
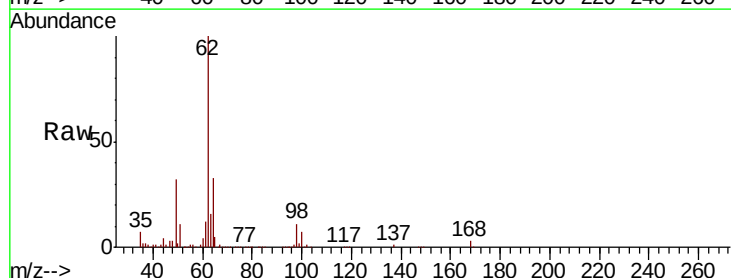
RT: 4.95 min Scan# 438

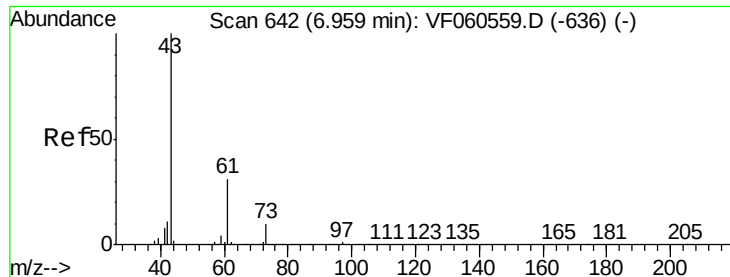
Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Tgt Ion:	62	Resp:	175561
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	22.4





#43

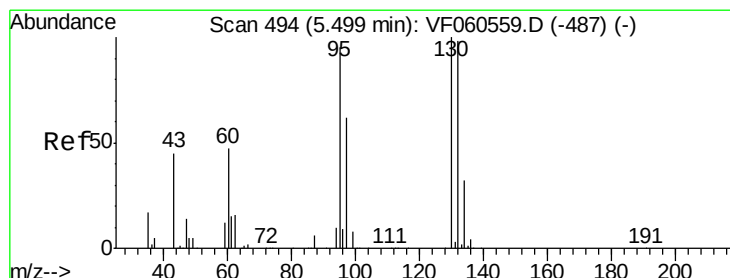
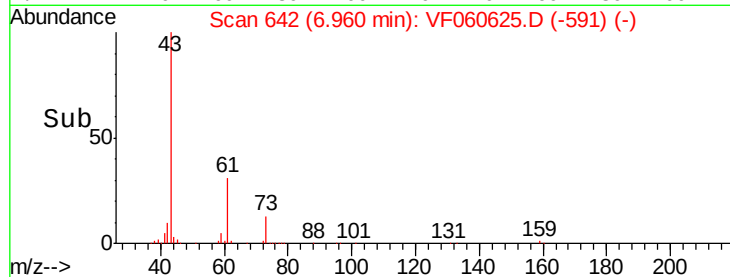
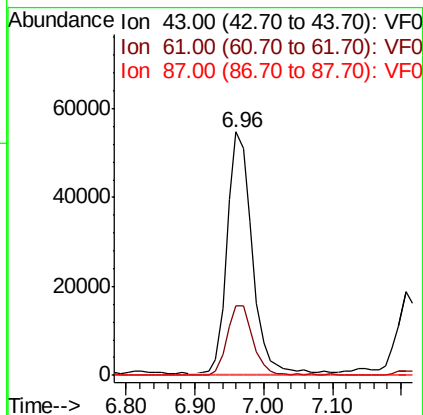
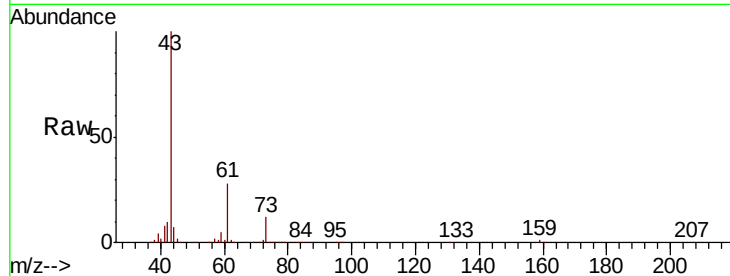
Isopropyl Acetate
 Concen: 48.172 ug/l
 RT: 6.96 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: VF060625.D
 Acq: 7 Nov 2018 12:06

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.4	24.2	36.2
87	0.4	0.2	0.4#

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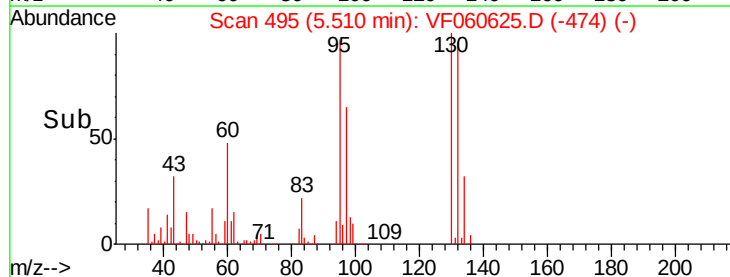
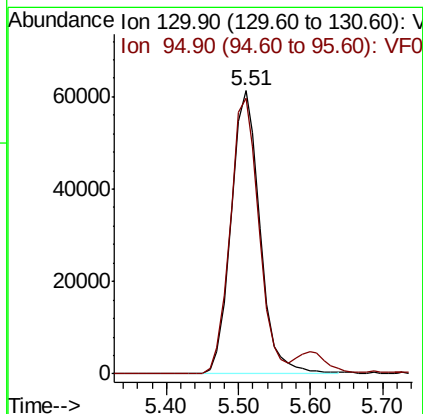
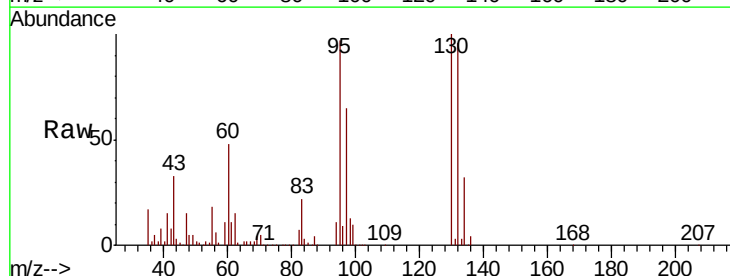
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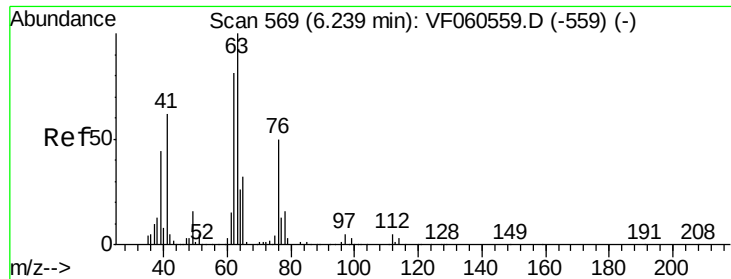


#44

Trichloroethene
 Concen: 50.115 ug/l
 RT: 5.51 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: VF060625.D
 Acq: 7 Nov 2018 12:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	191.0





#45

1,2-Dichloropropane

Concen: 54.795 ug/l

RT: 6.24 min Scan# 569

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 159028

Ion Ratio Lower Upper

63 100

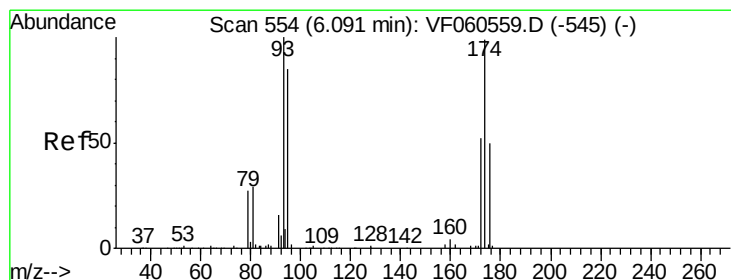
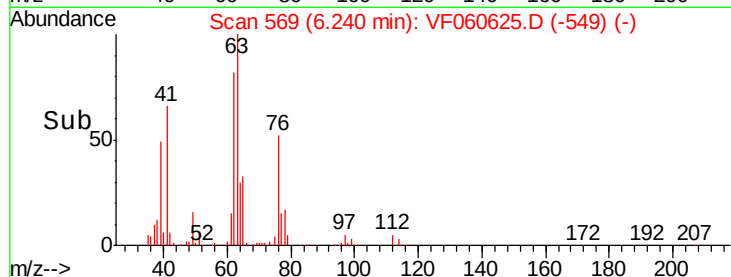
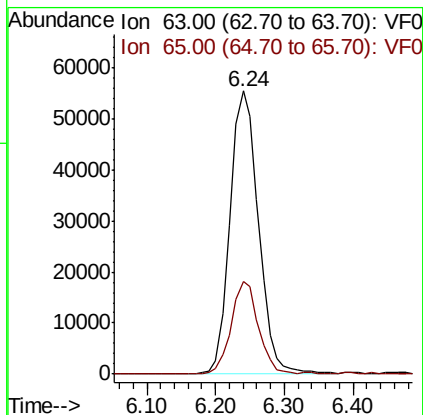
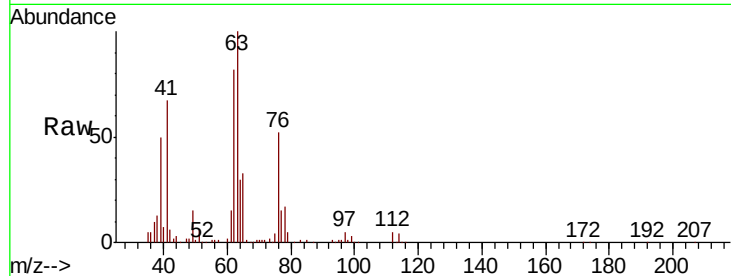
65 32.9 25.4 38.0

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#46

Dibromomethane

Concen: 54.025 ug/l

RT: 6.09 min Scan# 554

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

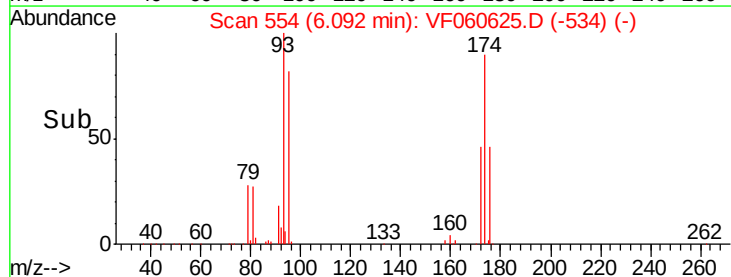
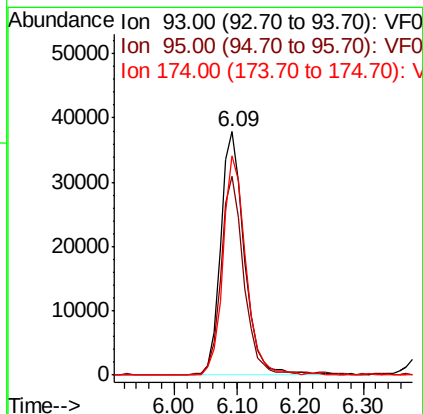
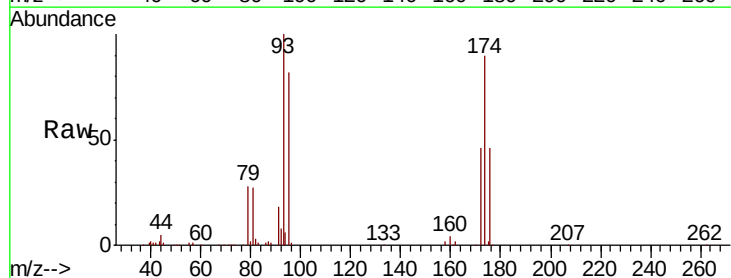
Tgt Ion: 93 Resp: 99471

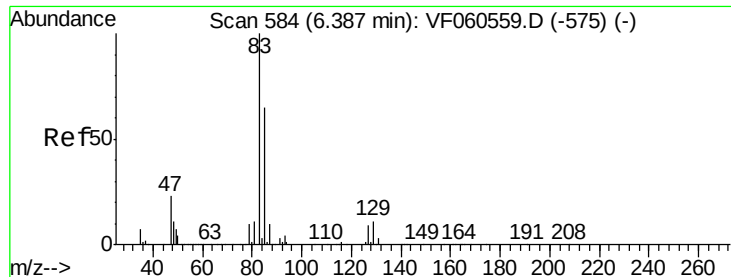
Ion Ratio Lower Upper

93 100

95 81.8 68.6 102.8

174 90.1 79.0 118.4





#47

Bromodichloromethane

Concen: 52.990 ug/l

RT: 6.39 min Scan# 584

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

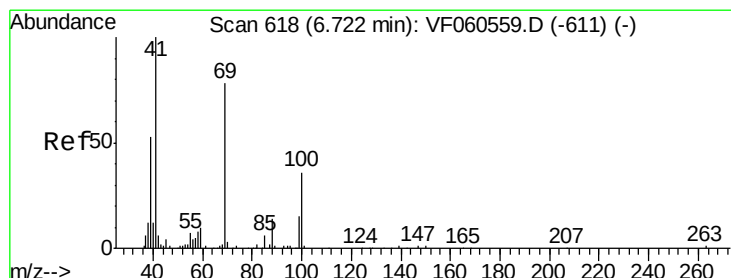
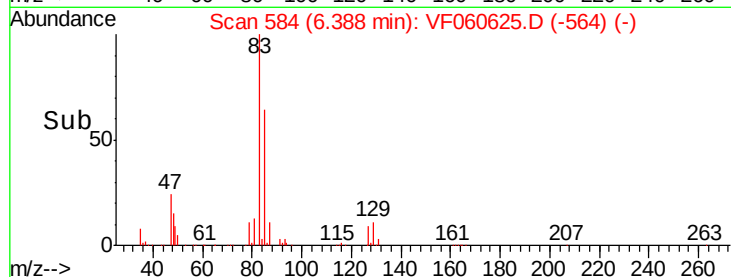
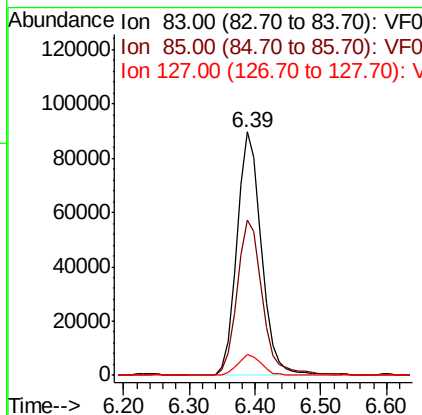
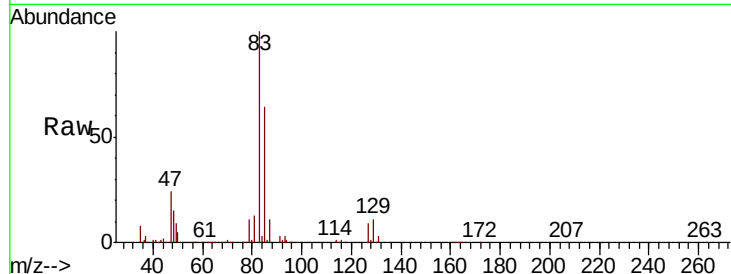
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	235328
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.6
127	8.6	7.0	10.4

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#48

Methyl methacrylate

Concen: 46.052 ug/l

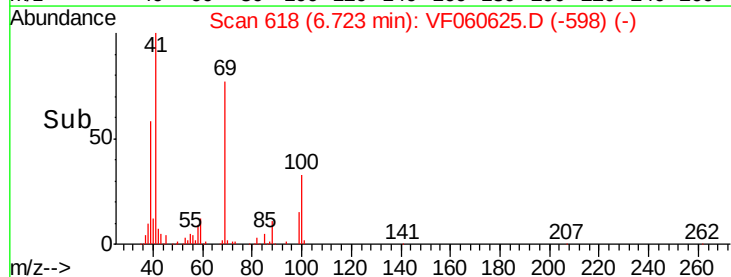
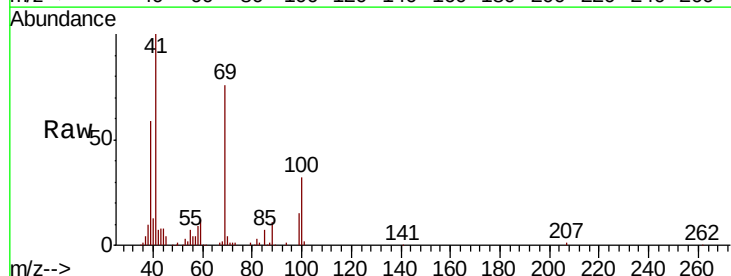
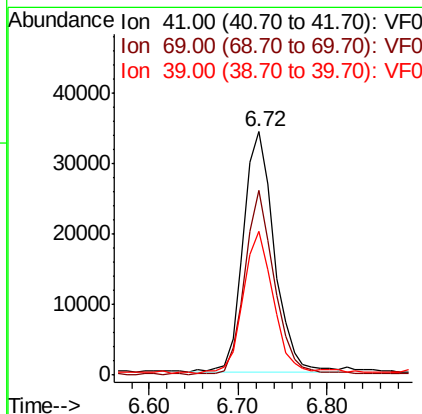
RT: 6.72 min Scan# 618

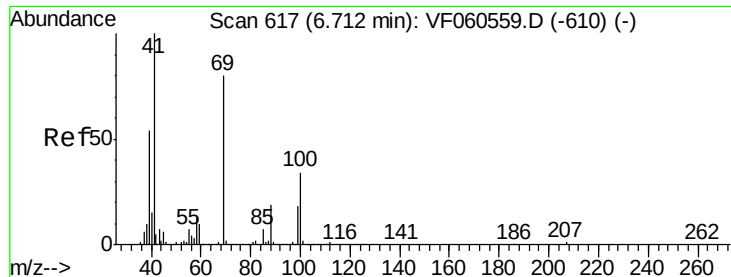
Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Tgt Ion:	41	Resp:	82161
Ion	Ratio	Lower	Upper
41	100		
69	75.8	61.1	91.7
39	59.0	43.0	64.6





#49

1,4-Dioxane

Concen: 853.128 ug/l

RT: 6.71 min Scan# 617

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

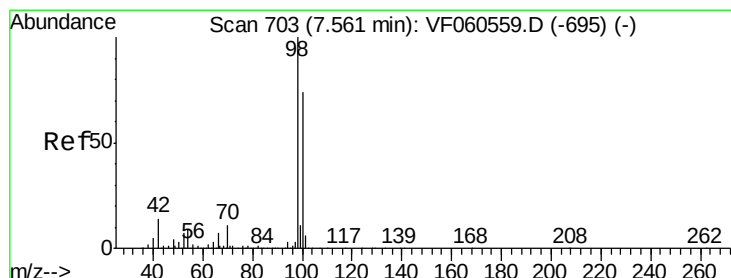
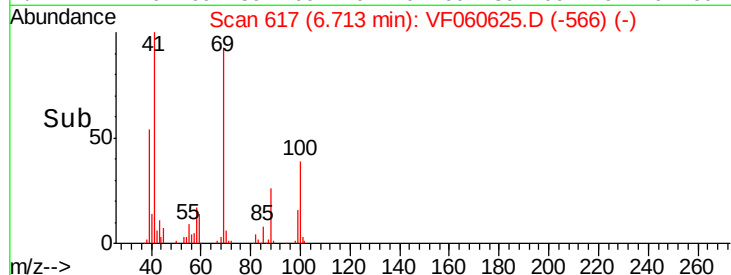
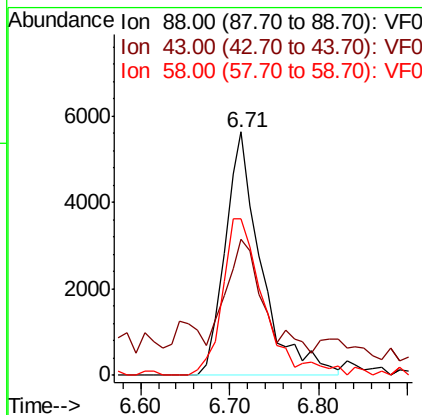
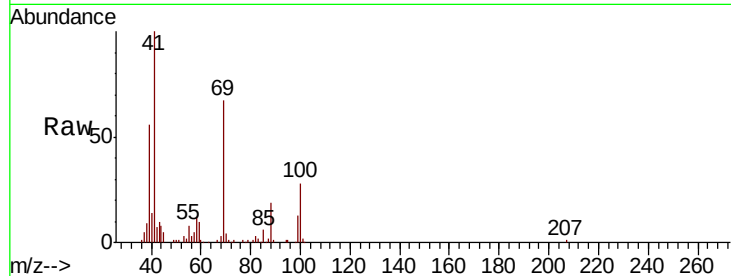
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	15922
Ion Ratio	Lower	Upper	
88	100		
43	55.8	61.2	91.8#
58	64.5	56.9	85.3

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#50

Toluene-d8

Concen: 51.741 ug/l

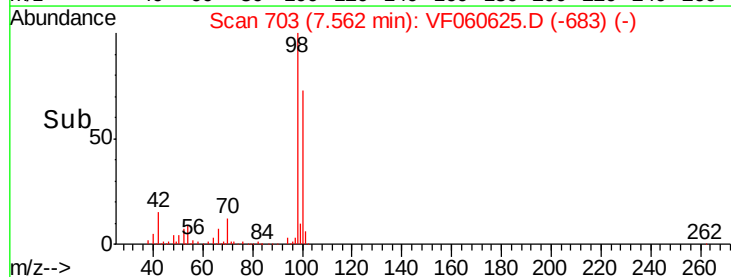
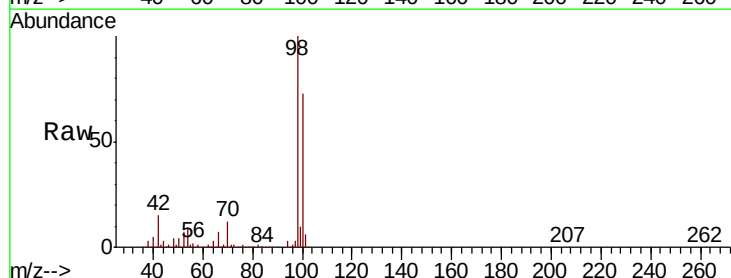
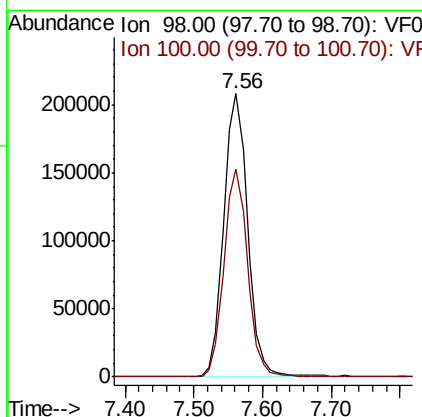
RT: 7.56 min Scan# 703

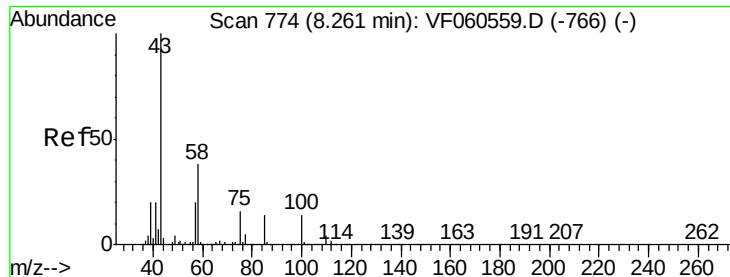
Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Tgt Ion:	98	Resp:	502786
Ion Ratio	Lower	Upper	
98	100		
100	73.3	59.4	89.2





#51

4-Methyl-2-Pentanone

Concen: 244.625 ug/l

RT: 8.26 min Scan# 774

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 466967

Ion Ratio Lower Upper

43 100

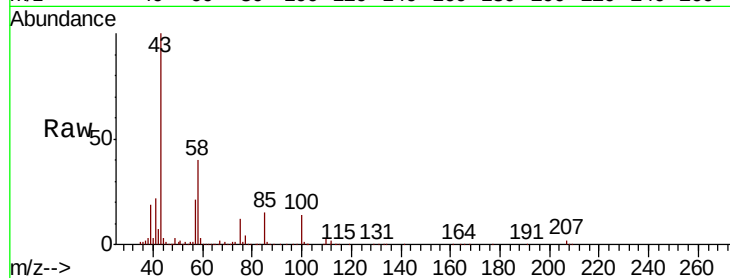
58 40.0 30.1 45.1

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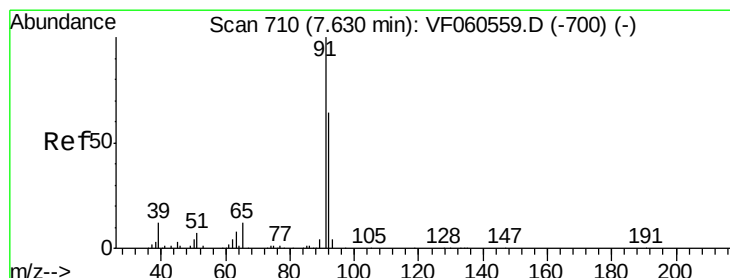
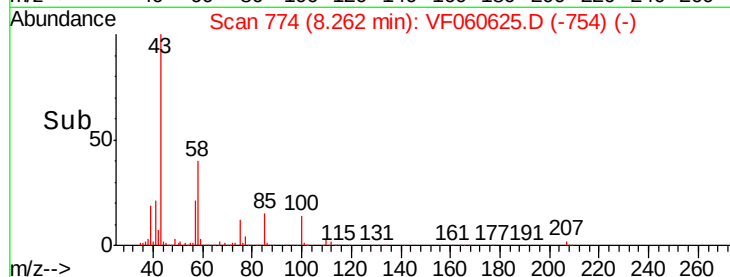
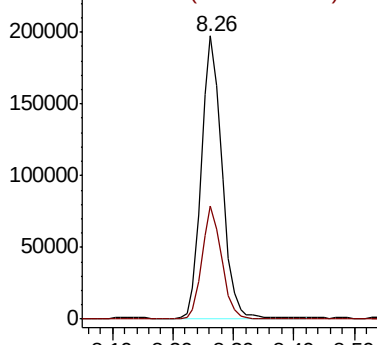
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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 48.600 ug/l

RT: 7.63 min Scan# 710

Delta R.T. 0.00 min

Lab File: VF060625.D

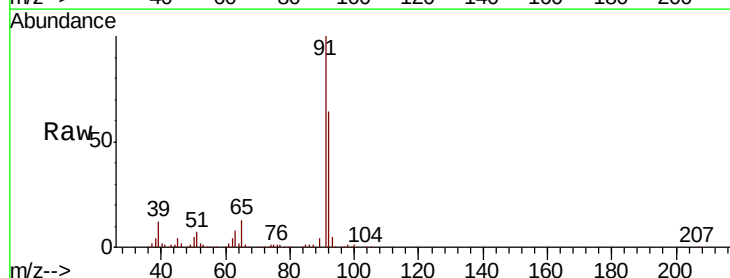
Acq: 7 Nov 2018 12:06

Tgt Ion: 92 Resp: 359252

Ion Ratio Lower Upper

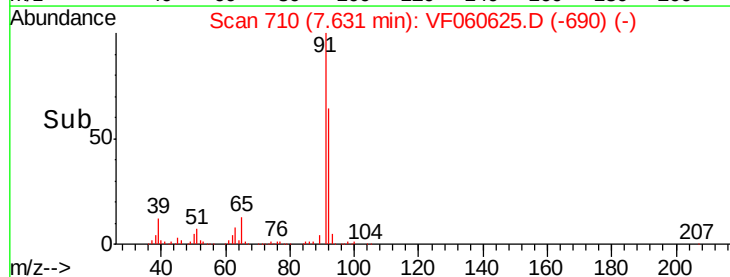
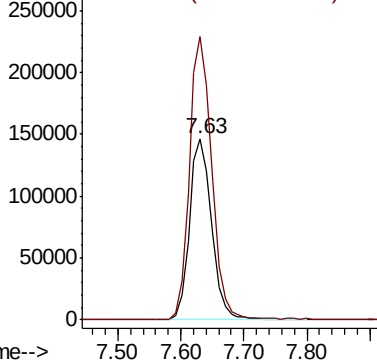
92 100

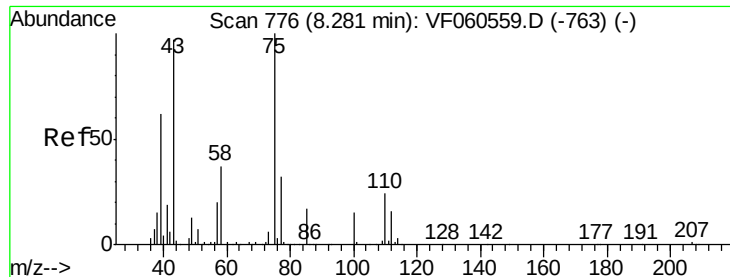
91 155.9 124.5 186.7



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 47.587 ug/l

RT: 8.28 min Scan# 776

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 183676

Ion Ratio Lower Upper

75 100

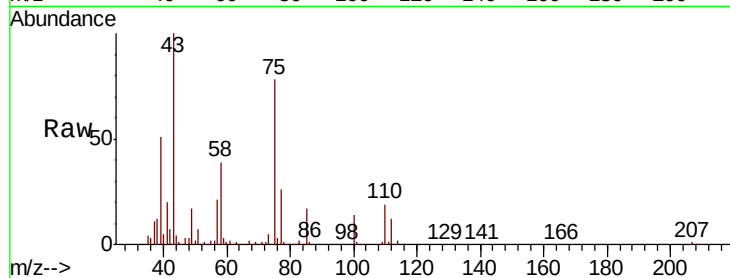
77 33.0 25.7 38.5

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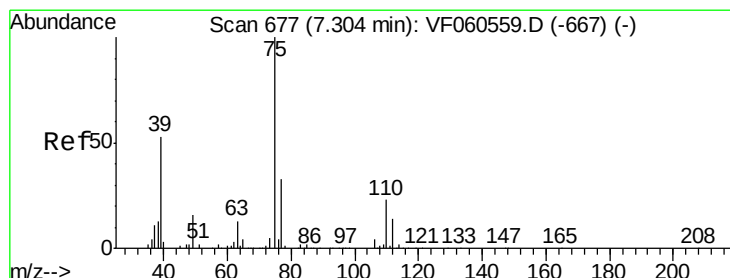
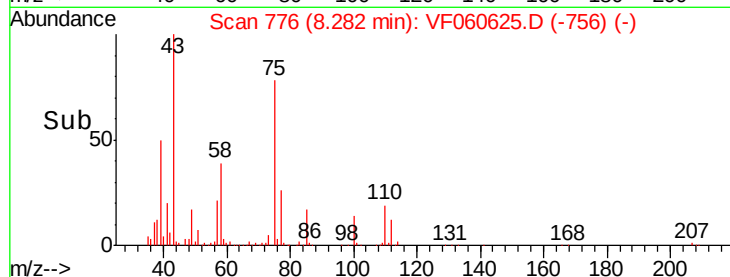
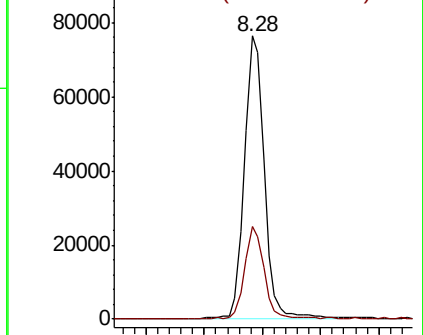
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Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#54

cis-1,3-Dichloropropene

Concen: 50.846 ug/l

RT: 7.31 min Scan# 677

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

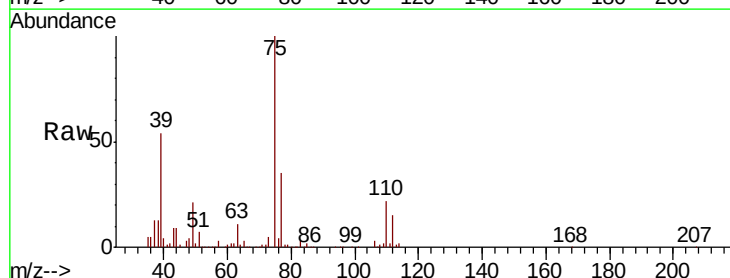
Tgt Ion: 75 Resp: 247964

Ion Ratio Lower Upper

75 100

77 35.4 26.7 40.1

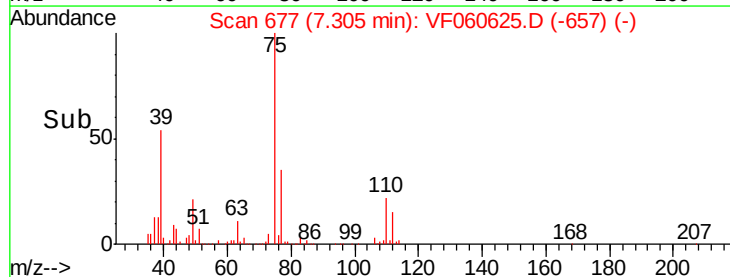
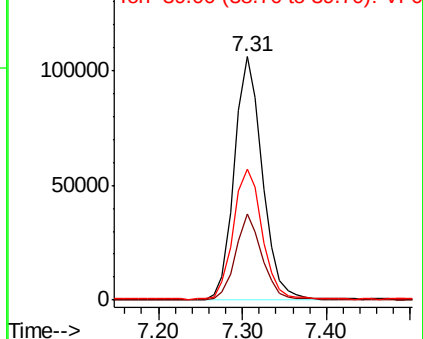
39 54.0 43.0 64.4

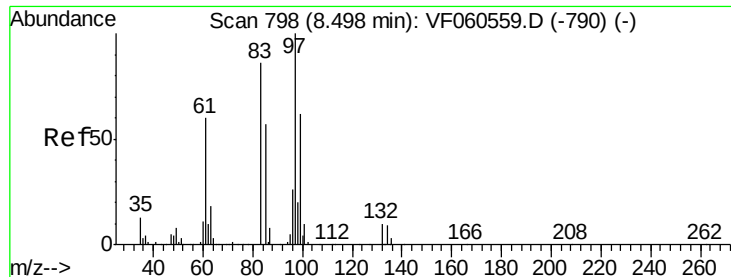


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#55

1,1,2-Trichloroethane

Concen: 51.148 ug/l

RT: 8.50 min Scan# 798

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

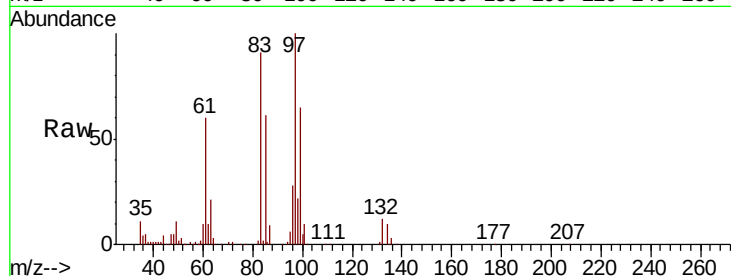
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	110022
Ion Ratio	Lower	Upper	
97	100		
83	90.5	69.4	104.0
85	61.0	46.6	69.8
99	64.9	50.0	75.0

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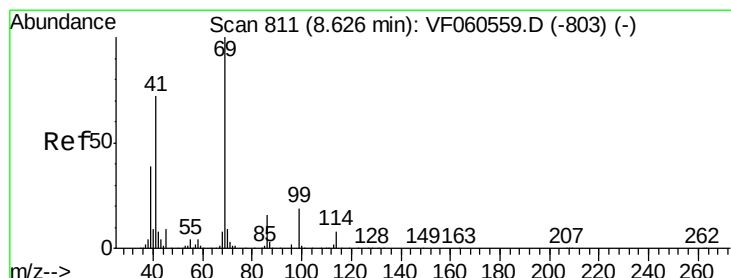
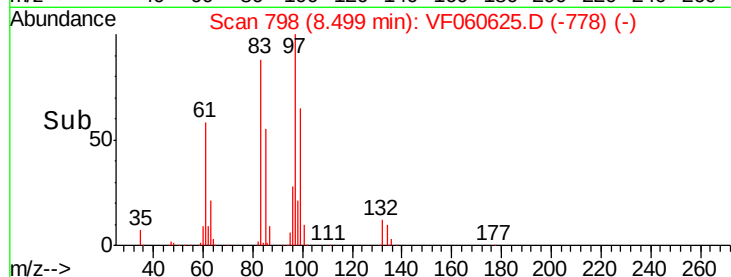
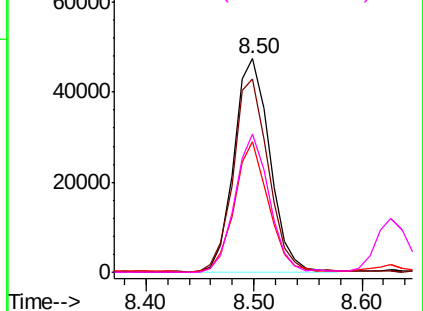


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 48.943 ug/l

RT: 8.63 min Scan# 811

Delta R.T. 0.00 min

Lab File: VF060625.D

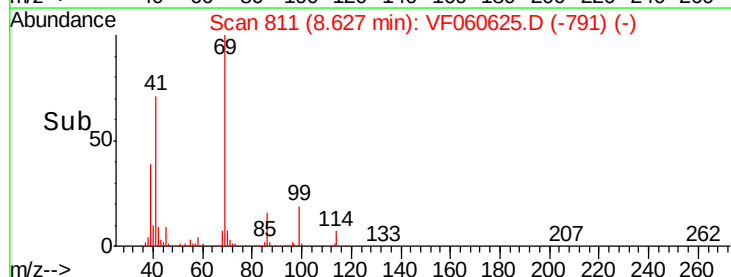
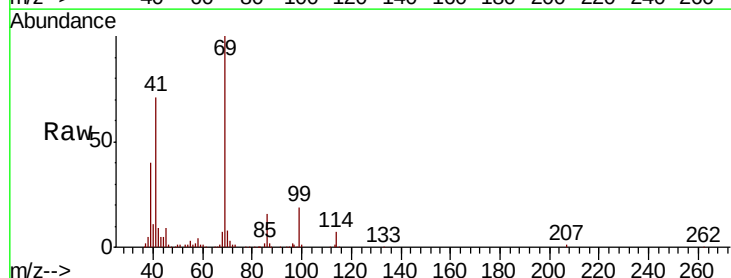
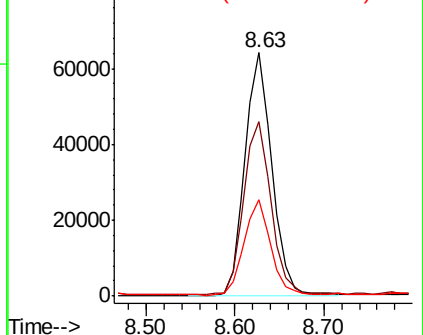
Acq: 7 Nov 2018 12:06

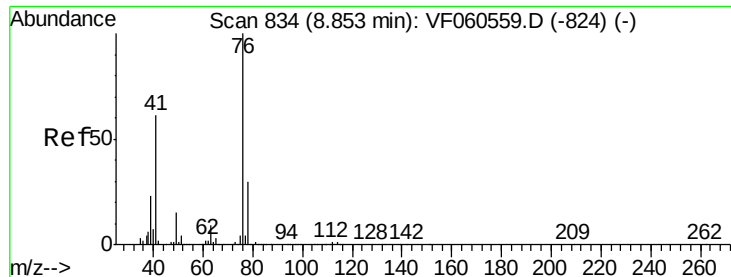
Tgt Ion:	69	Resp:	135454
Ion Ratio	Lower	Upper	
69	100		
41	71.4	59.2	88.8
39	39.5	32.3	48.5

Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





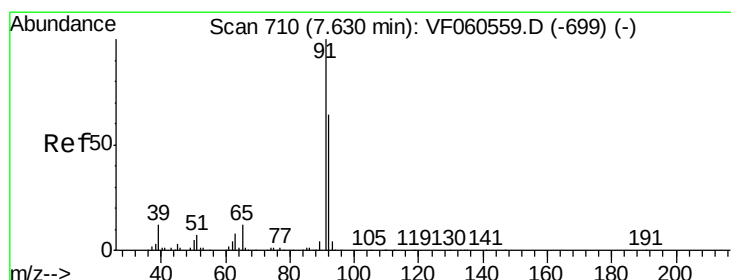
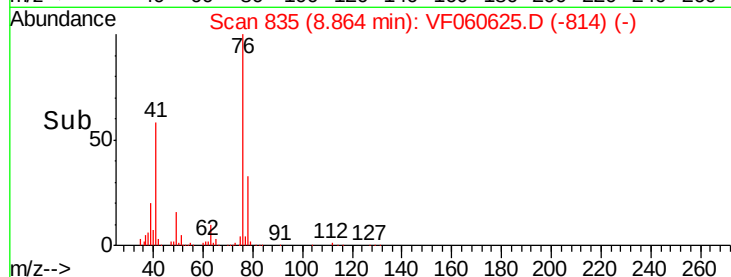
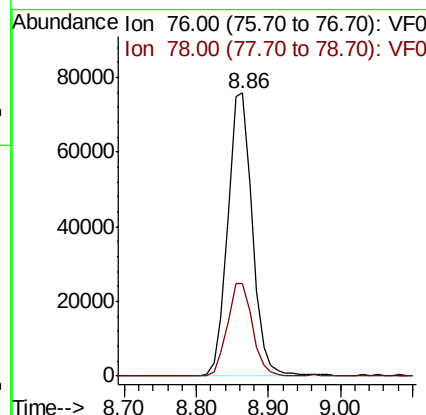
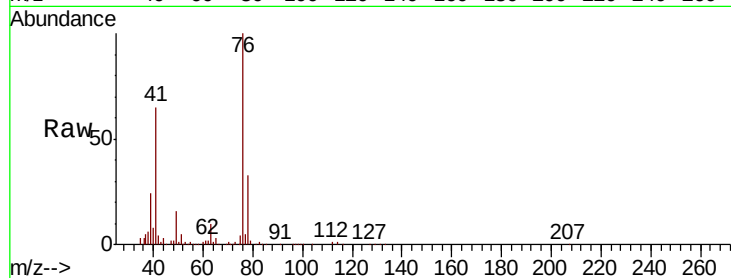
#57
 1,3-Dichloropropane
 Concen: 47.594 ug/l
 RT: 8.86 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: VF060625.D
 Acq: 7 Nov 2018 12:06

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	24.2	36.4

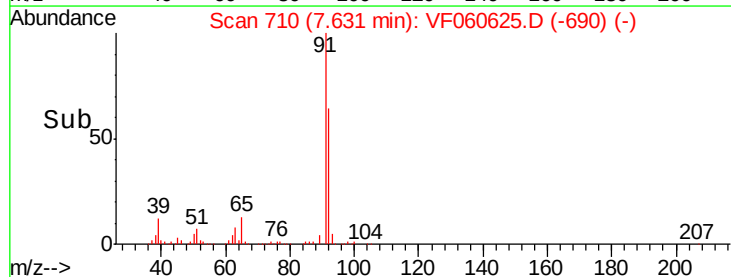
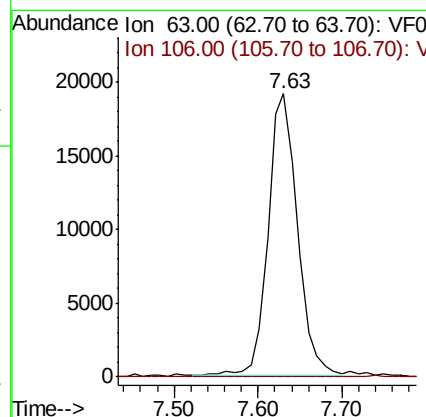
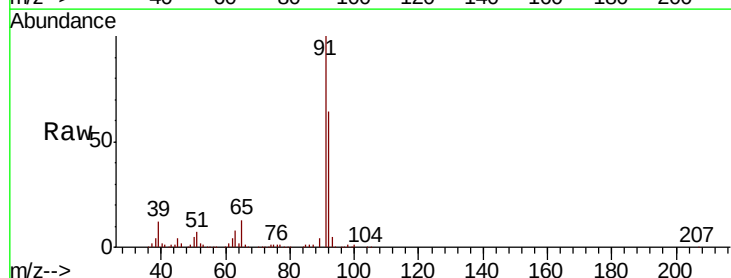
Manual Integrations
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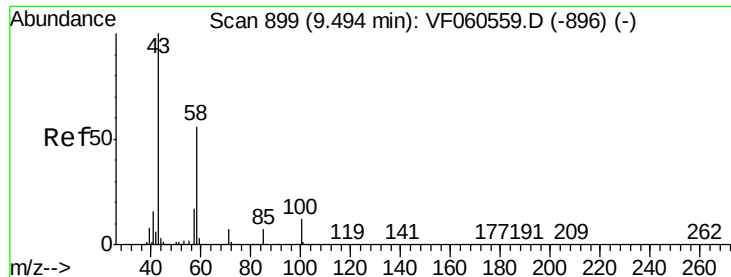
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#58
 2-Chloroethyl Vinyl ether
 Concen: 263.739 ug/l
 RT: 7.63 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: VF060625.D
 Acq: 7 Nov 2018 12:06

Tgt Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0





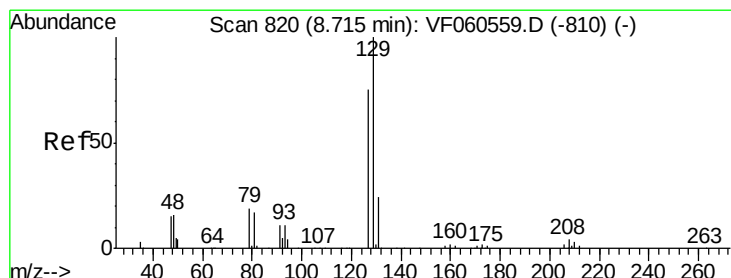
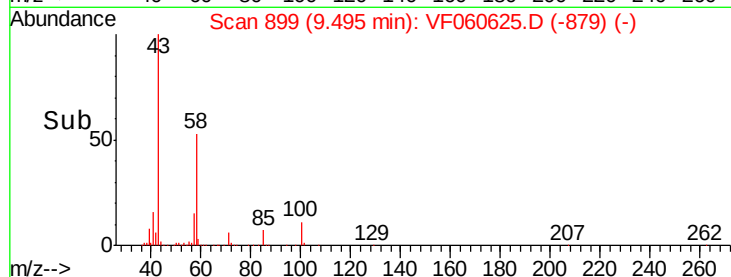
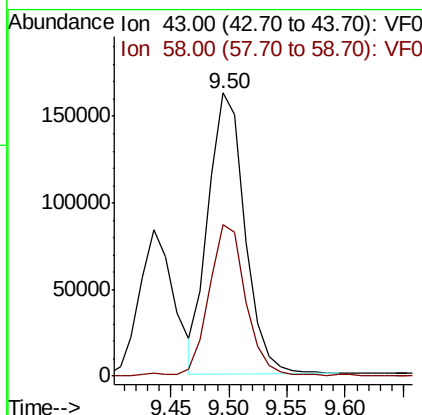
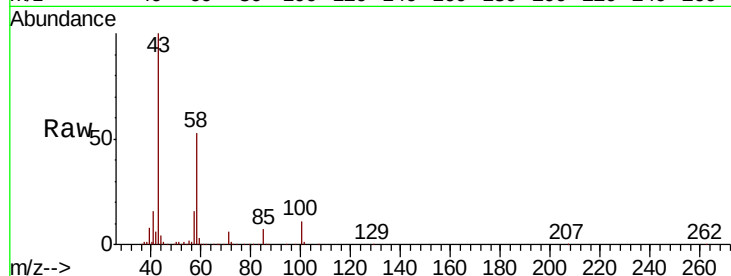
#59
2-Hexanone
Concen: 284.481 ug/l
RT: 9.50 min Scan# 899
Delta R.T. 0.00 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.4	26.1	78.3

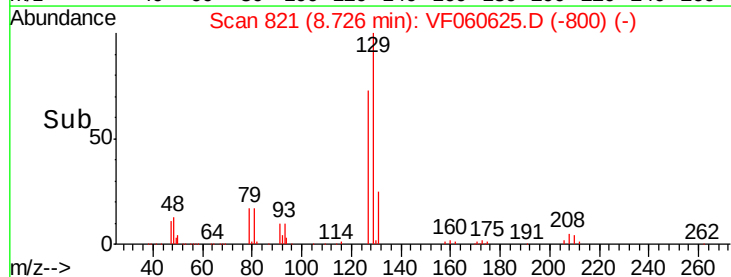
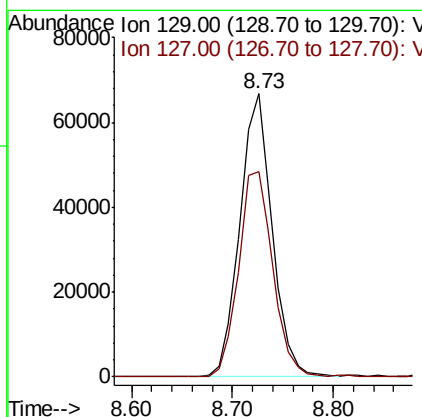
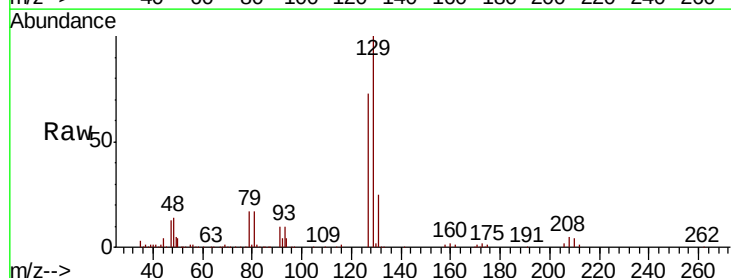
Manual Integrations
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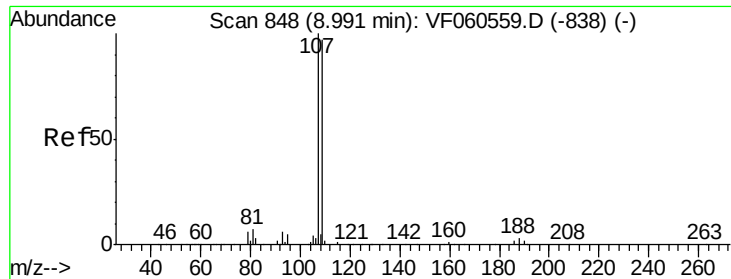
apatel
11/8/2018 10:28:30 AM



#60
Dibromochloromethane
Concen: 49.520 ug/l
RT: 8.73 min Scan# 821
Delta R.T. 0.01 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Tgt Ion	Ratio	Lower	Upper
129	100		
127	72.7	37.8	113.3





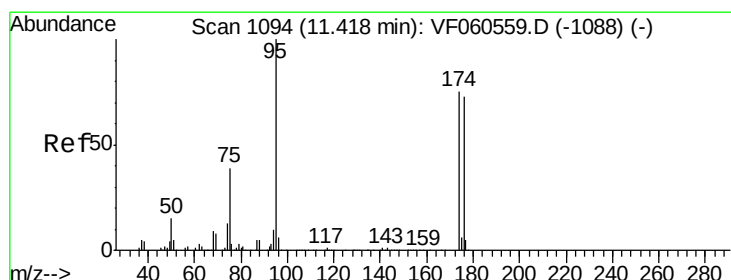
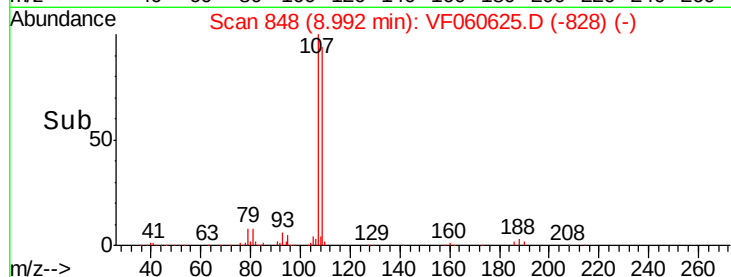
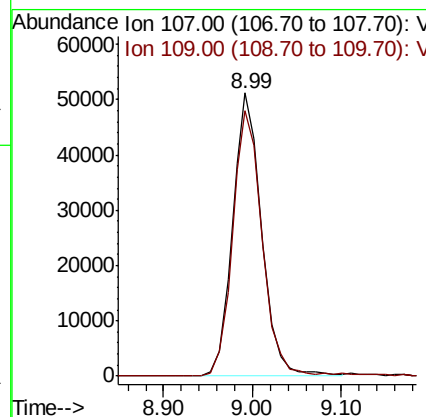
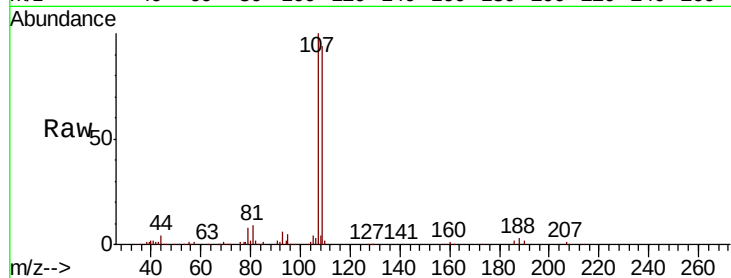
#61
 1,2-Dibromoethane
 Concen: 51.568 ug/l
 RT: 8.99 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VF060625.D
 Acq: 7 Nov 2018 12:06

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	116652		
109	93.8	77.5	116.3	

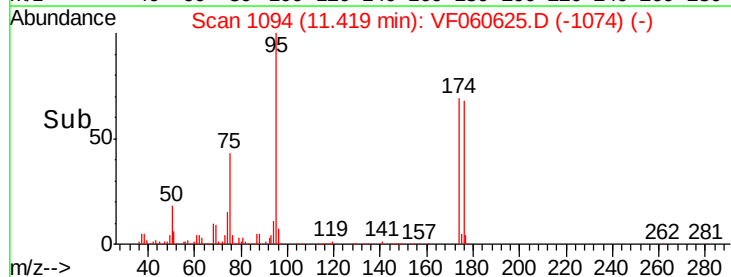
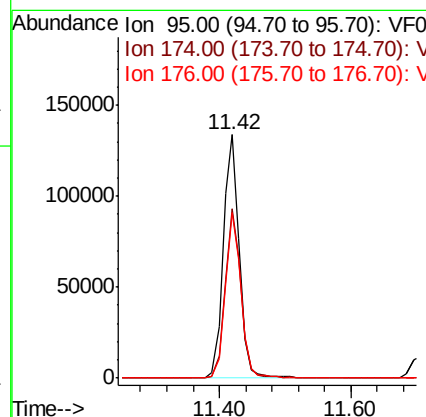
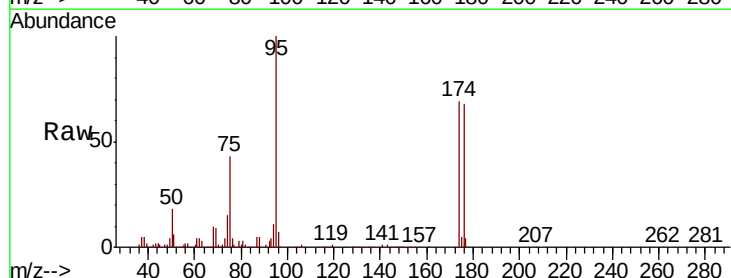
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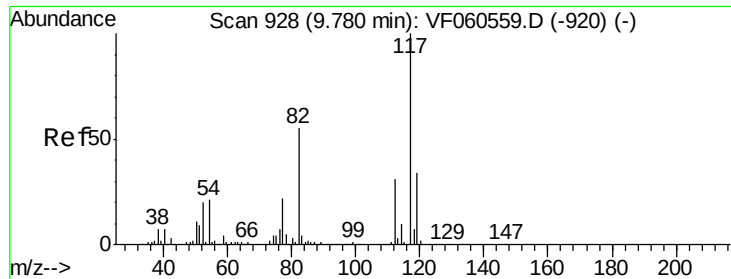
apatel
 11/8/2018 10:28:30 AM



#62
 4-Bromofluorobenzene
 Concen: 53.077 ug/l
 RT: 11.42 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: VF060625.D
 Acq: 7 Nov 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	225605		
174	69.3	0.0	149.0	
176	68.2	0.0	145.6	





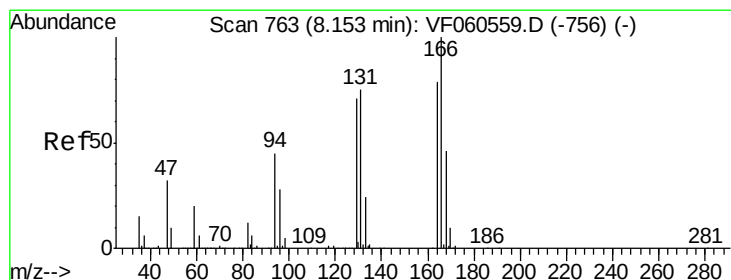
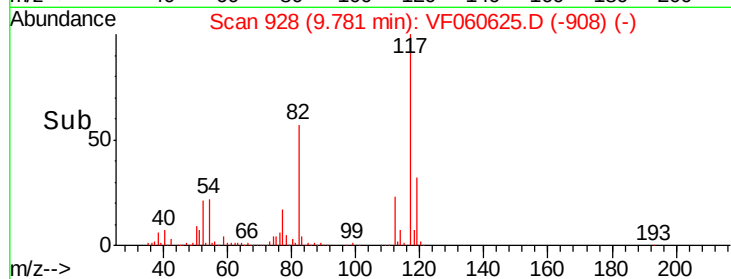
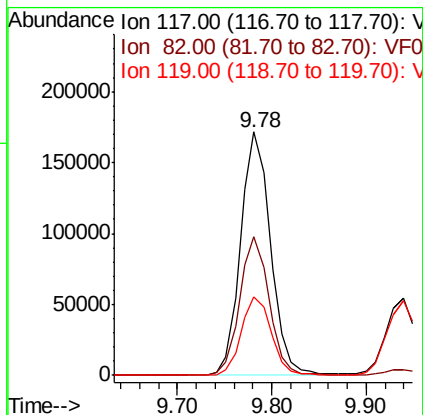
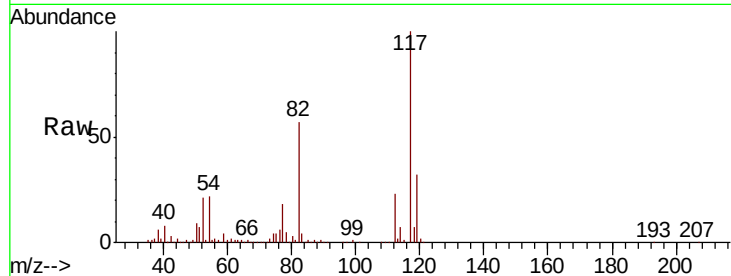
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	43.9	65.9
119	32.0	27.4	41.0

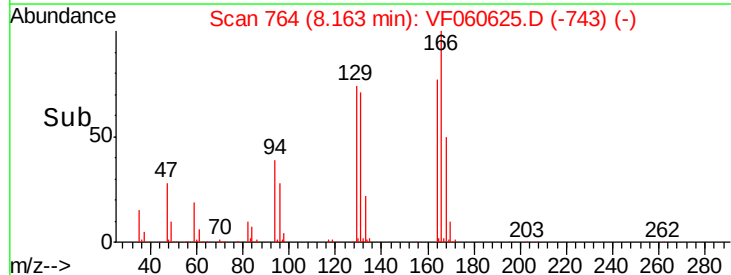
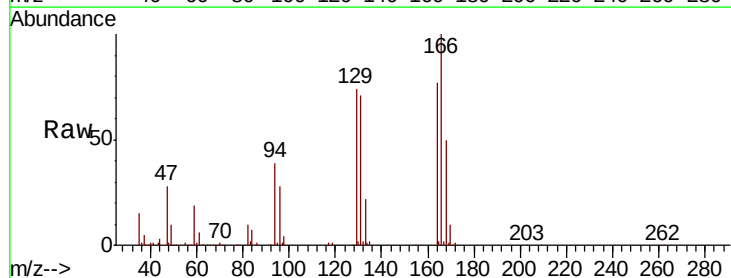
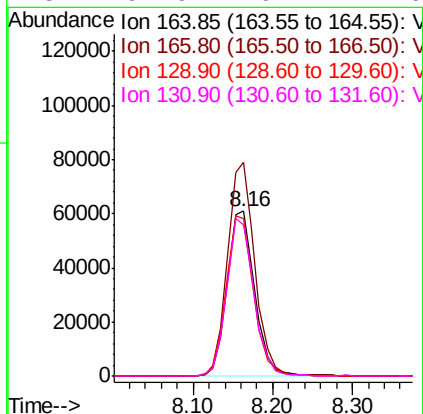
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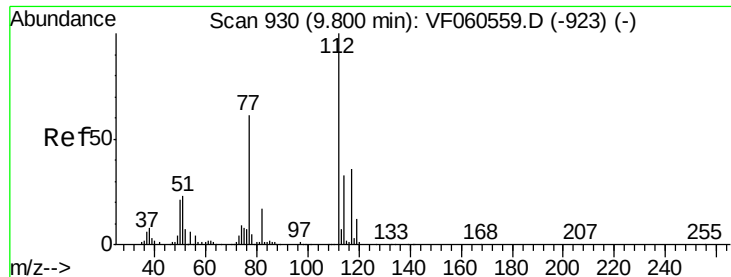
apatel
11/8/2018 10:28:30 AM



#64
Tetrachloroethene
Concen: 50.172 ug/l
RT: 8.16 min Scan# 764
Delta R.T. 0.01 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	101.5	152.3
129	95.9	72.5	108.7
131	91.9	76.4	114.6





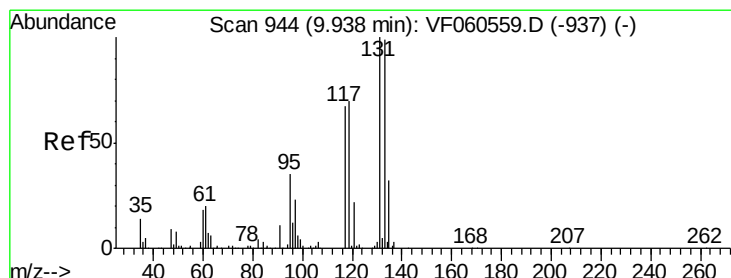
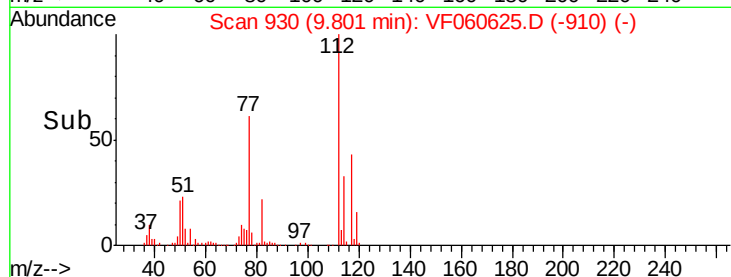
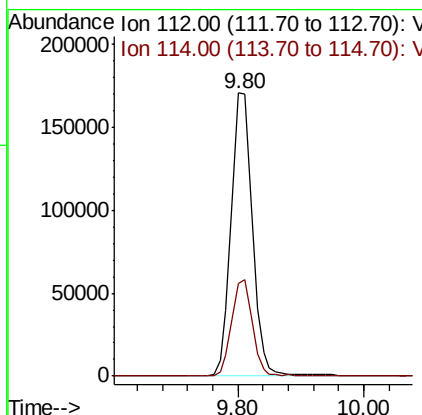
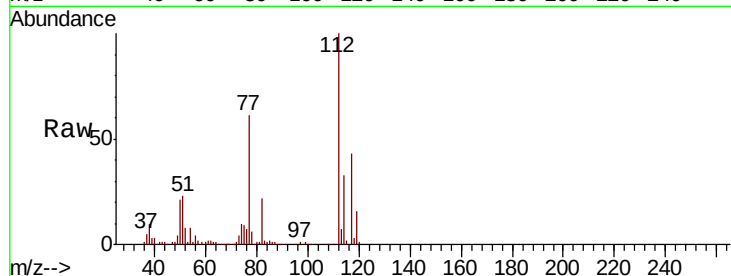
#65
Chlorobenzene
Concen: 51.587 ug/l
RT: 9.80 min Scan# 930
Delta R.T. 0.00 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.6	40.0

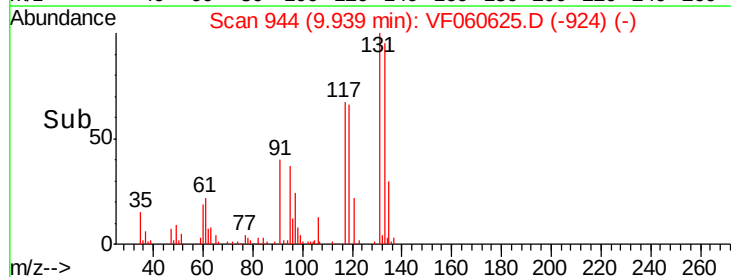
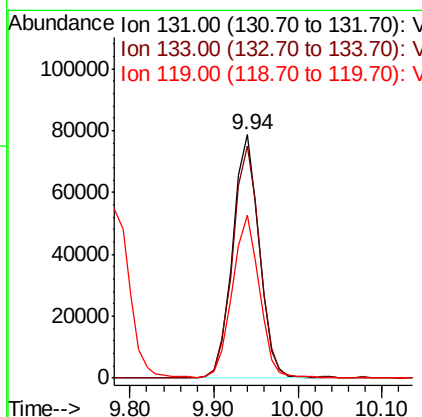
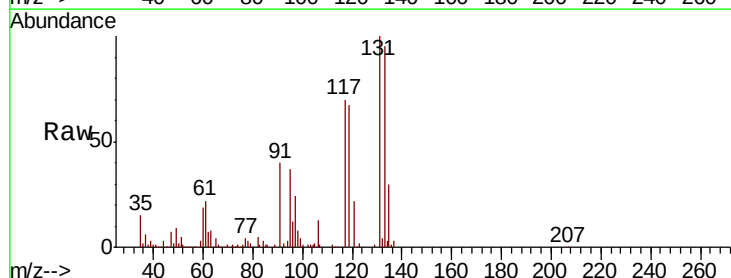
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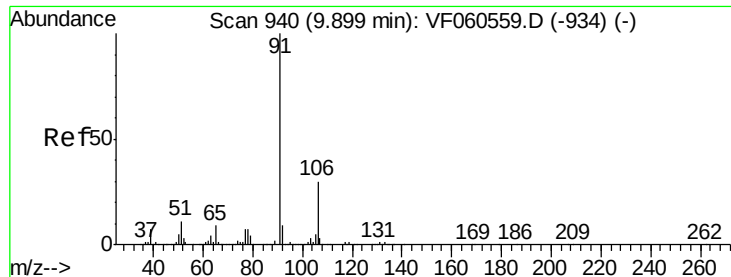
apatel
11/8/2018 10:28:30 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.052 ug/l
RT: 9.94 min Scan# 944
Delta R.T. 0.00 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	49.5	148.7
119	66.7	35.2	105.6





#67

Ethyl Benzene

Concen: 51.657 ug/l

RT: 9.91 min Scan# 941

Delta R.T. 0.01 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 723034

Ion Ratio Lower Upper

91 100

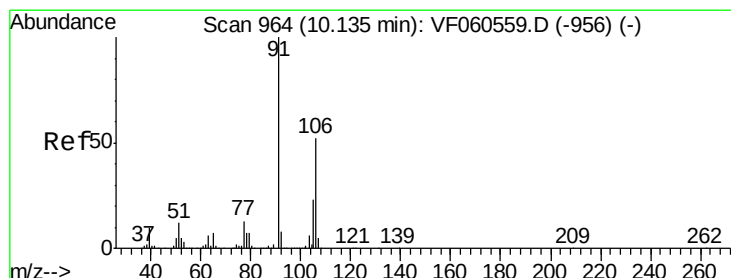
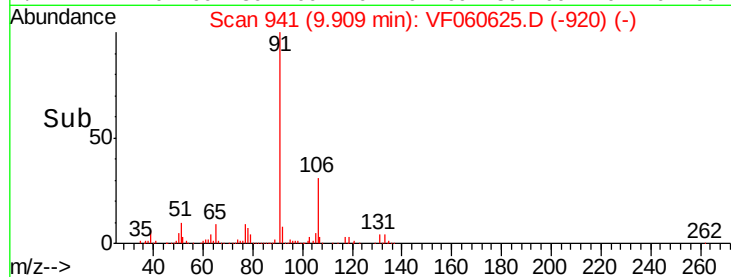
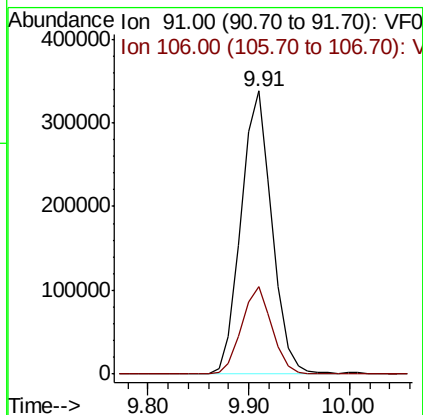
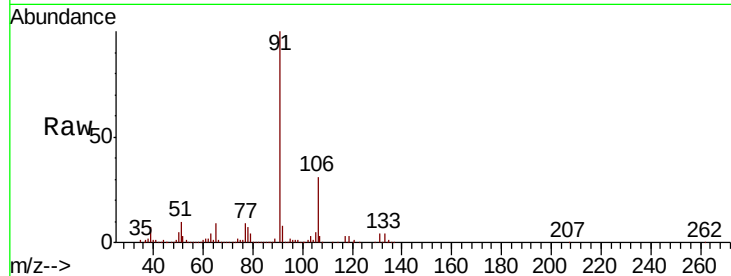
106 30.8 24.2 36.4

Manual Integrations

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#68

m/p-Xylenes

Concen: 99.577 ug/l

RT: 10.14 min Scan# 964

Delta R.T. 0.00 min

Lab File: VF060625.D

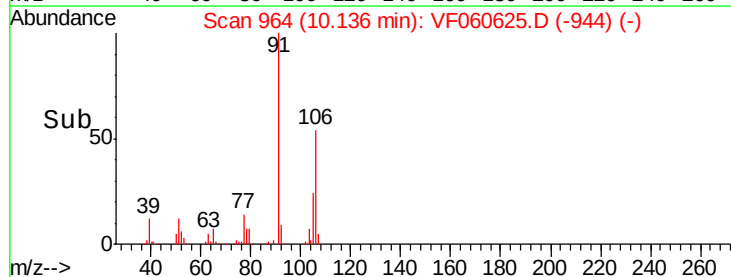
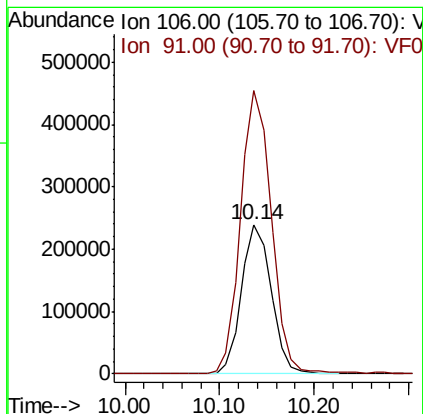
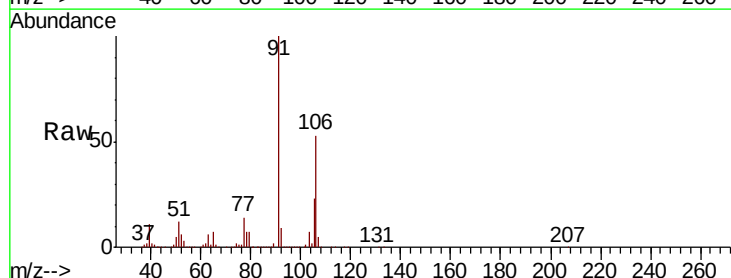
Acq: 7 Nov 2018 12:06

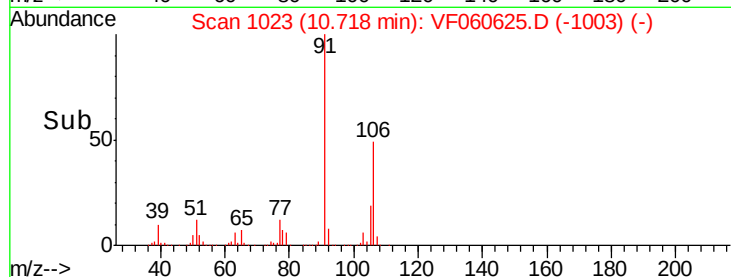
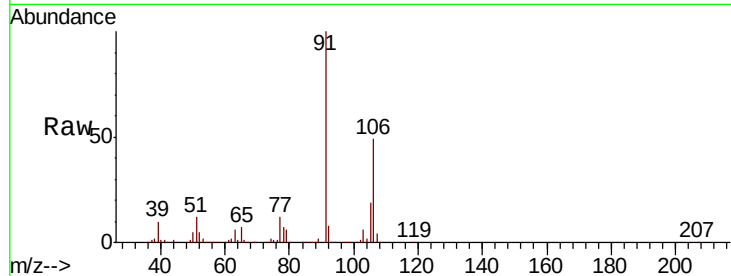
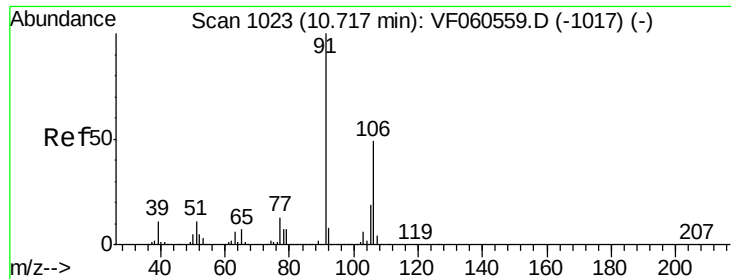
Tgt Ion: 106 Resp: 525016

Ion Ratio Lower Upper

106 100

91 189.8 153.9 230.9





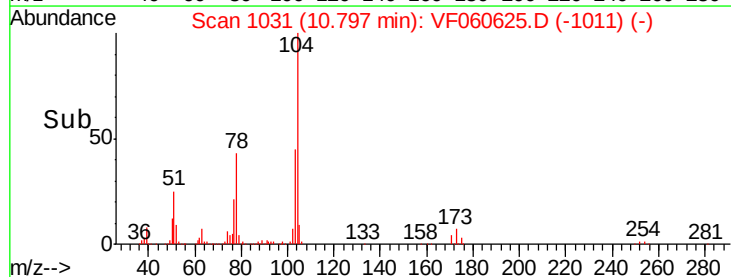
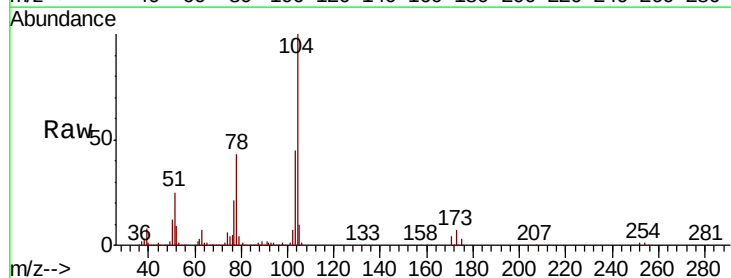
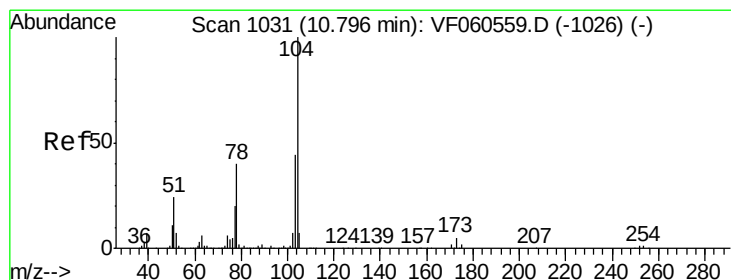
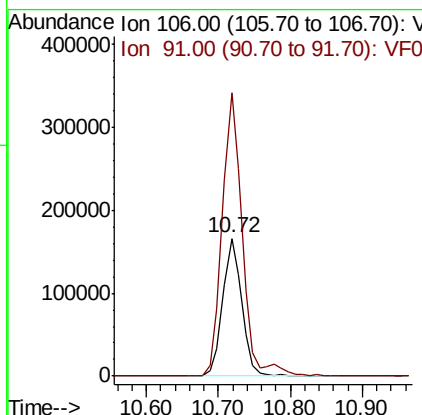
#69
o-Xylene
Concen: 53.077 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. 0.00 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.0	101.8	305.3

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

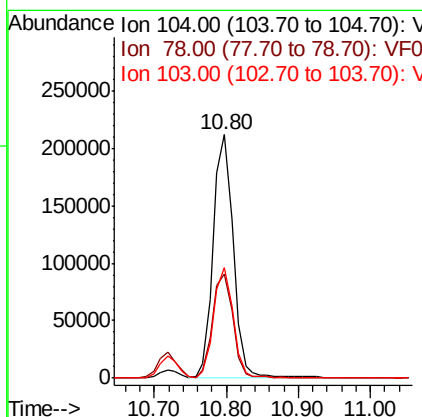
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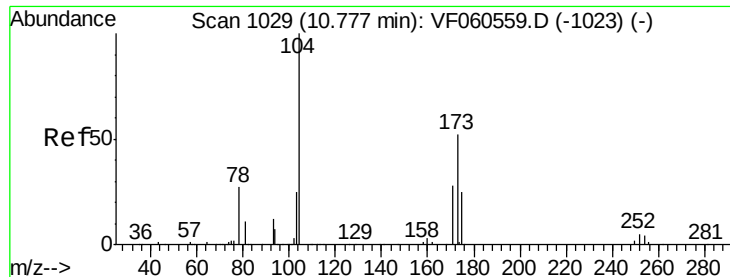
apatel
11/8/2018 10:28:30 AM



#70
Styrene
Concen: 48.432 ug/l
RT: 10.80 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Tgt Ion	Ratio	Lower	Upper
104	100		
78	42.8	32.6	49.0
103	45.5	35.2	52.8





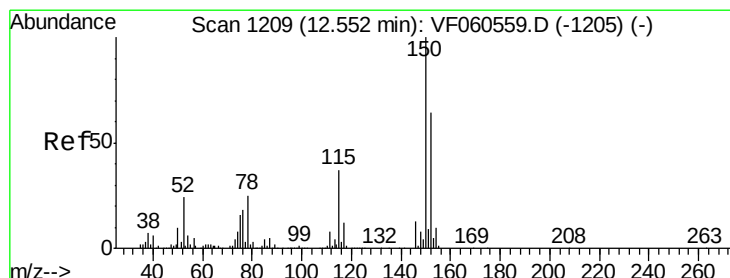
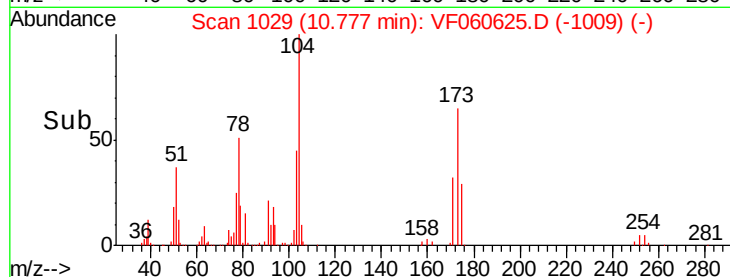
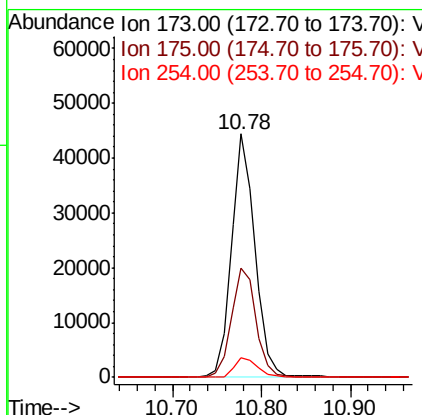
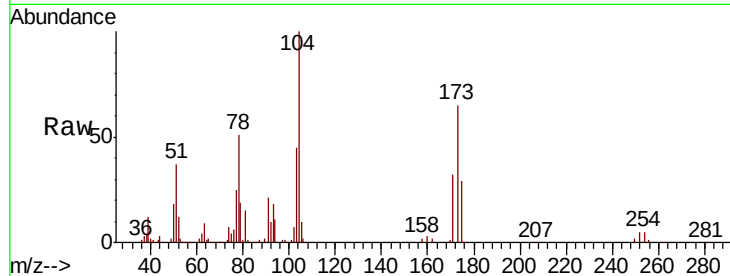
#71
Bromoform
Concen: 48.820 ug/l
RT: 10.78 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	45.0	24.3	72.9
254	8.0	6.7	10.1

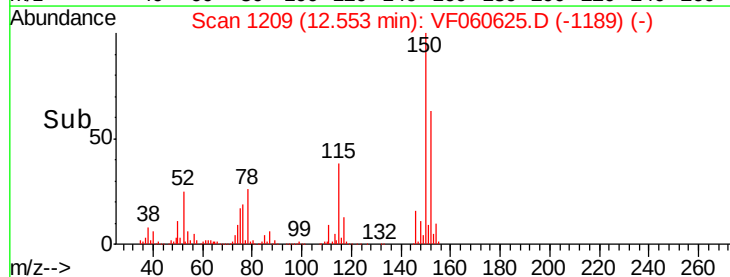
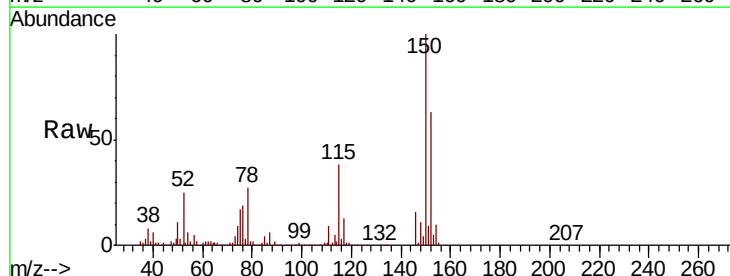
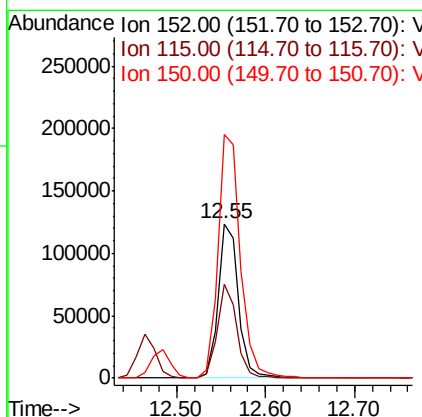
Manual Integrations
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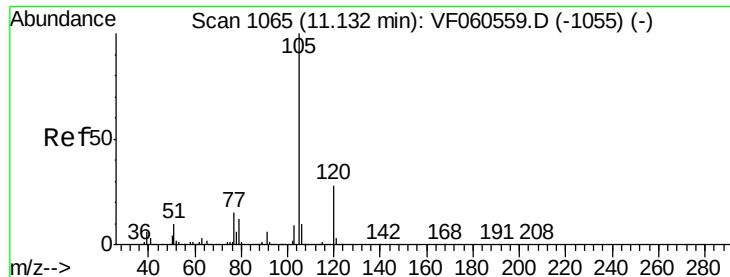
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	29.6	88.8
150	157.8	0.0	315.6





#73

Isopropylbenzene

Concen: 54.699 ug/l

RT: 11.13 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 845140

Ion Ratio Lower Upper

105 100

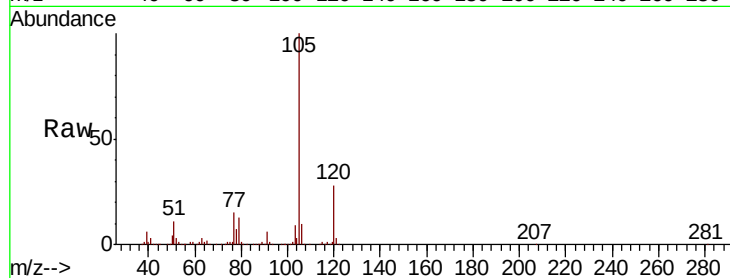
120 27.6 13.9 41.6

Manual Integrations

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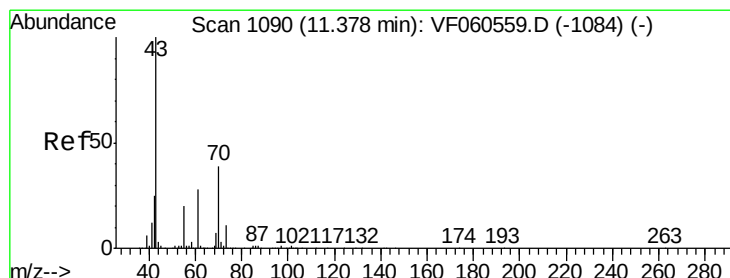
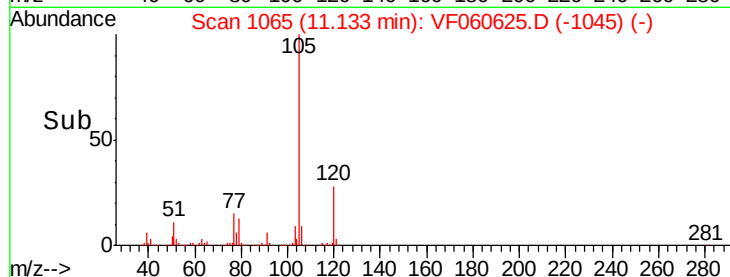
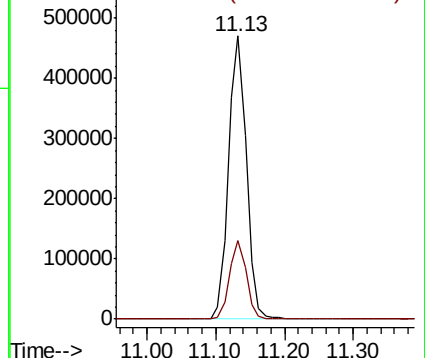
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 58.930 ug/l

RT: 11.38 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Tgt Ion: 43 Resp: 228273

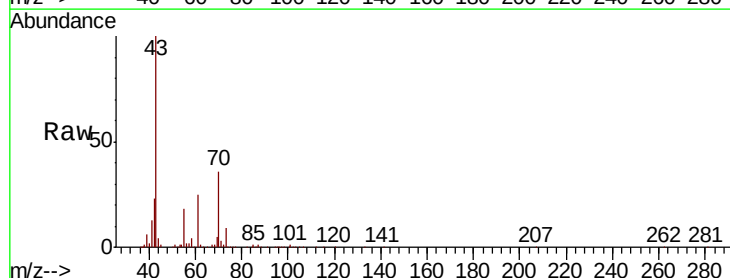
Ion Ratio Lower Upper

43 100

70 35.6 30.9 46.3

55 18.4 16.6 24.8

61 25.5 22.0 33.0

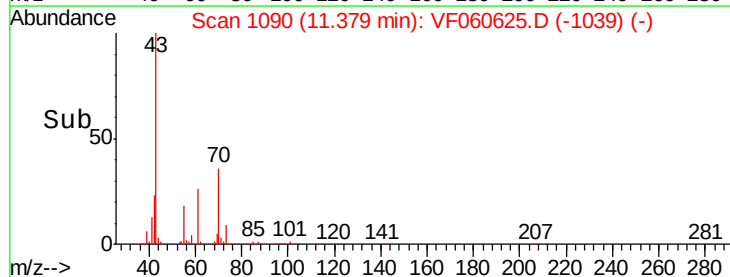
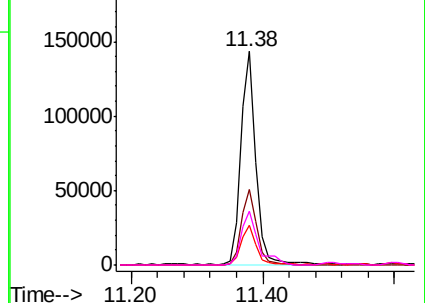


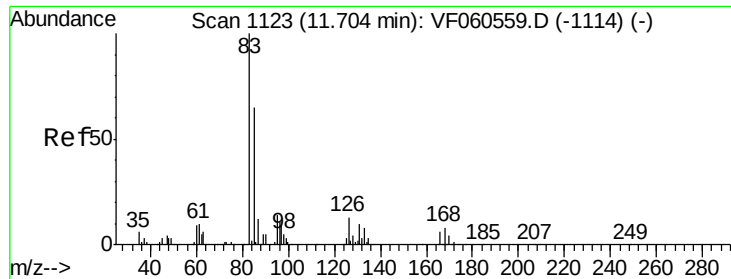
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.220 ug/l

RT: 11.70 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

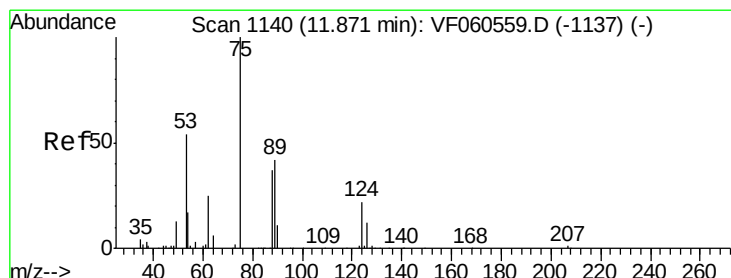
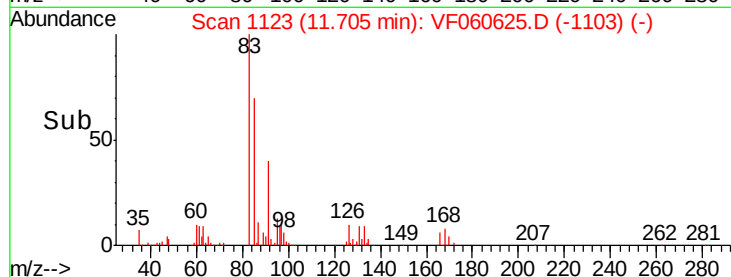
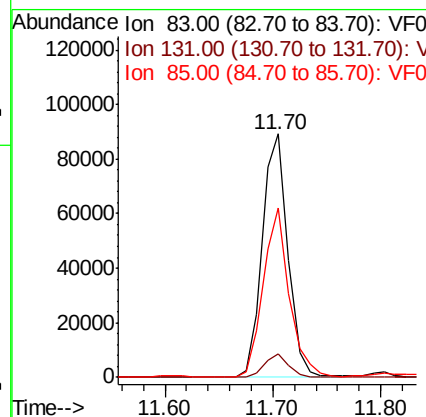
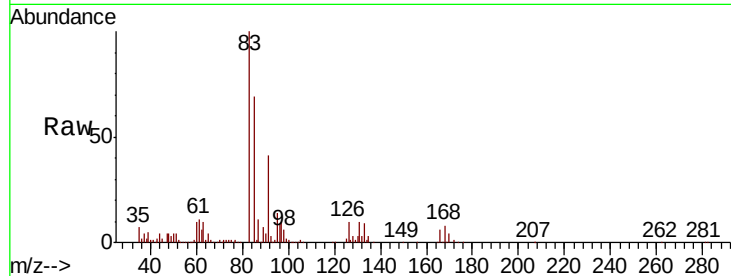
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	147269
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.0	14.9
85	69.4	32.9	98.7

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#76

1,2,3-Trichloropropane

Concen: 49.878 ug/l

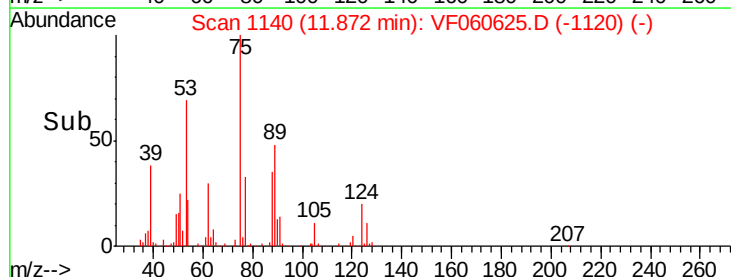
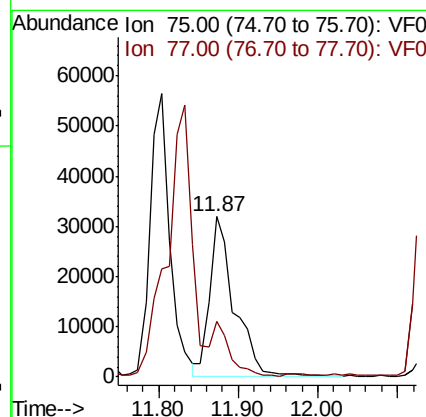
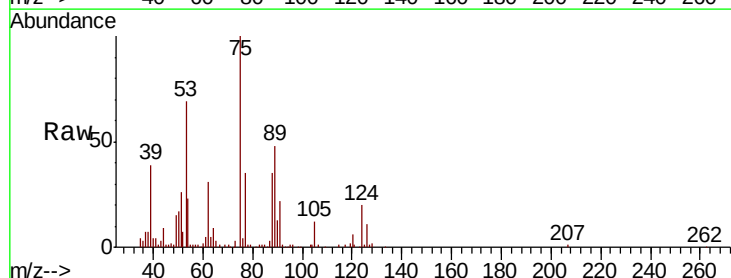
RT: 11.87 min Scan# 1140

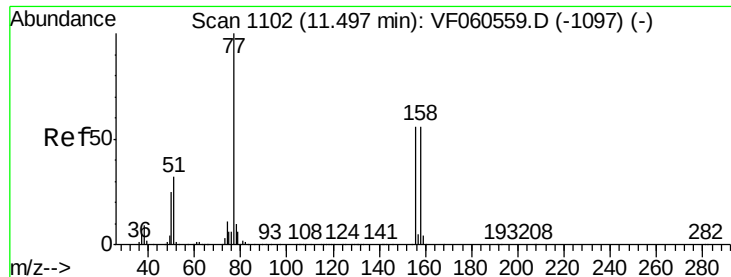
Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Tgt Ion:	75	Resp:	69130
Ion Ratio	Lower	Upper	
75	100		
77	34.7	17.4	52.3





#77

Bromobenzene

Concen: 51.892 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

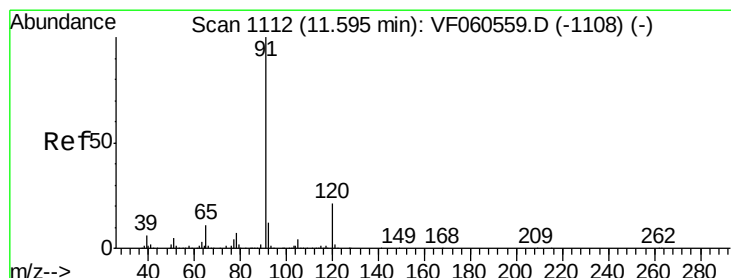
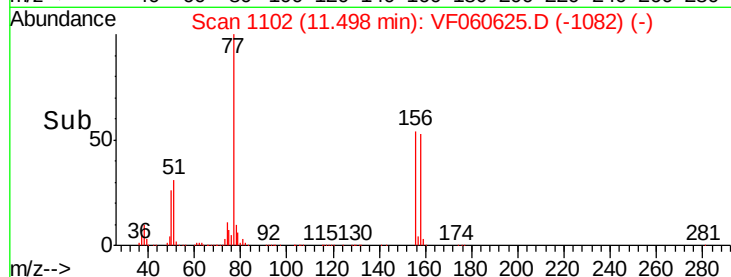
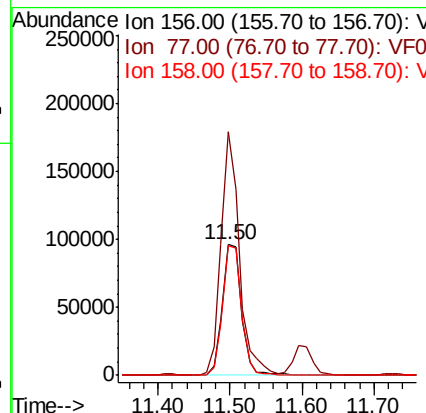
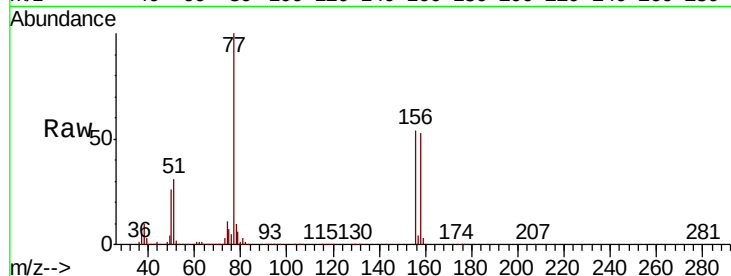
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	175435
Ion Ratio	Lower	Upper	
156	100		
77	186.4	89.3	268.1
158	99.2	50.0	150.1

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#78

n-propylbenzene

Concen: 53.580 ug/l

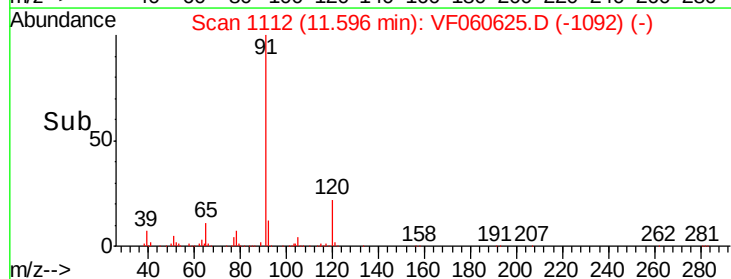
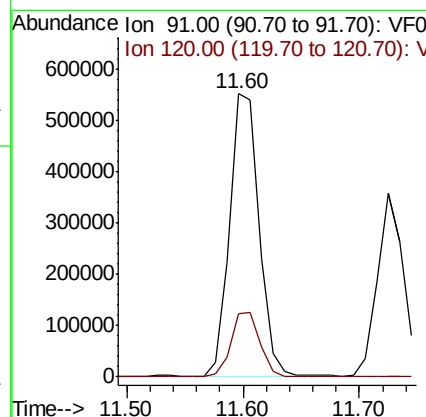
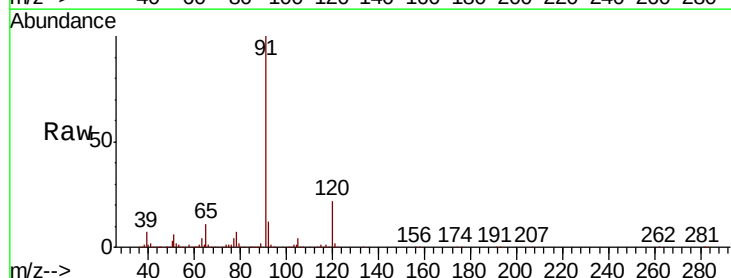
RT: 11.60 min Scan# 1112

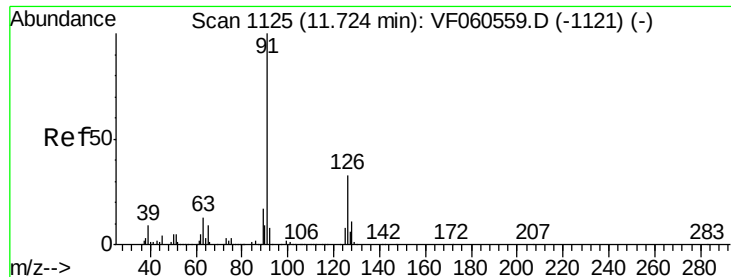
Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Tgt Ion:	91	Resp:	968576
Ion Ratio	Lower	Upper	
91	100		
120	22.2	10.5	31.6





#79

2-Chlorotoluene

Concen: 53.637 ug/l

RT: 11.72 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 553735

Ion Ratio Lower Upper

91 100

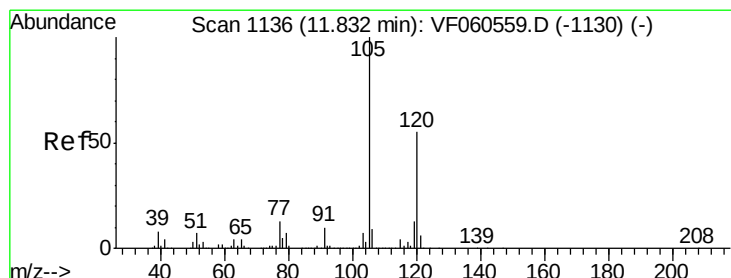
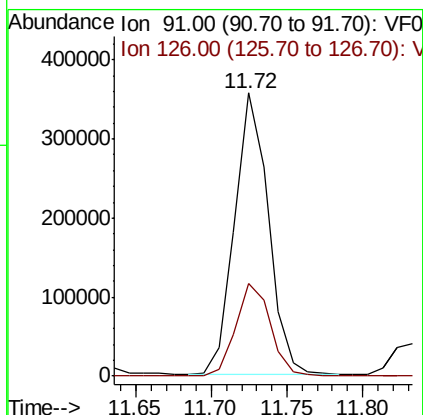
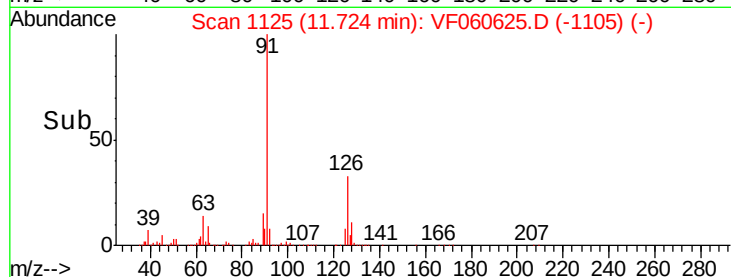
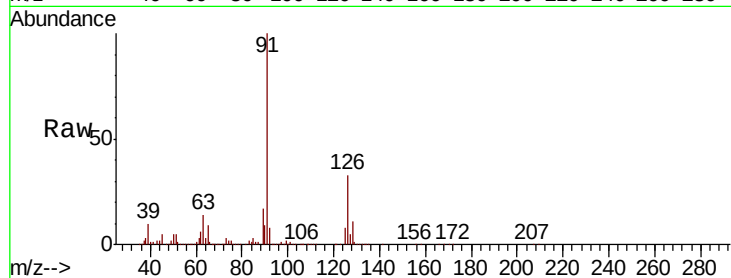
126 32.5 16.5 49.5

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#80

1,3,5-Trimethylbenzene

Concen: 51.095 ug/l

RT: 11.83 min Scan# 1136

Delta R.T. 0.00 min

Lab File: VF060625.D

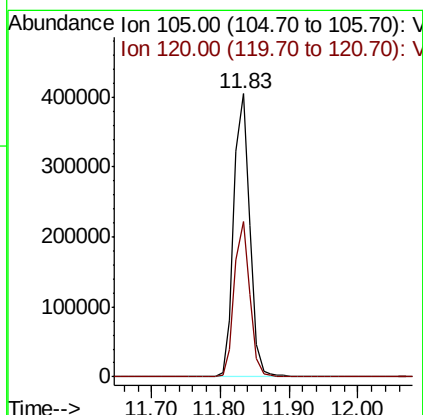
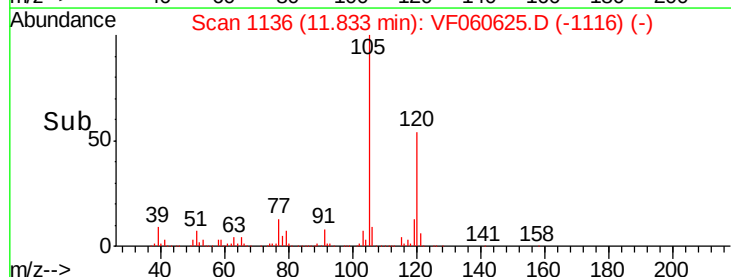
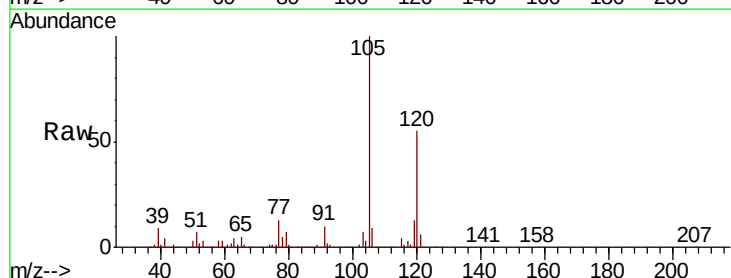
Acq: 7 Nov 2018 12:06

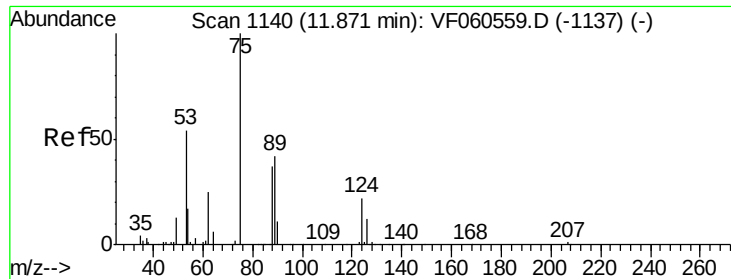
Tgt Ion: 105 Resp: 650711

Ion Ratio Lower Upper

105 100

120 54.7 27.6 82.8





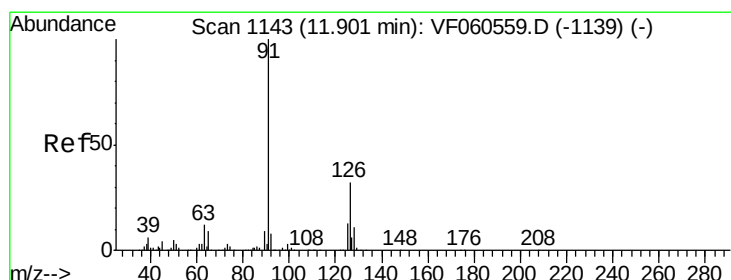
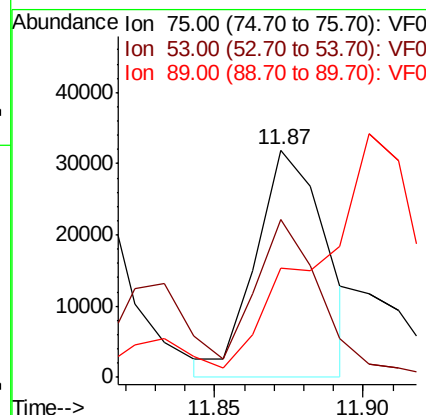
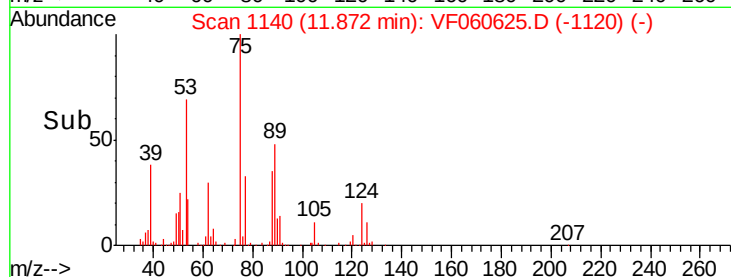
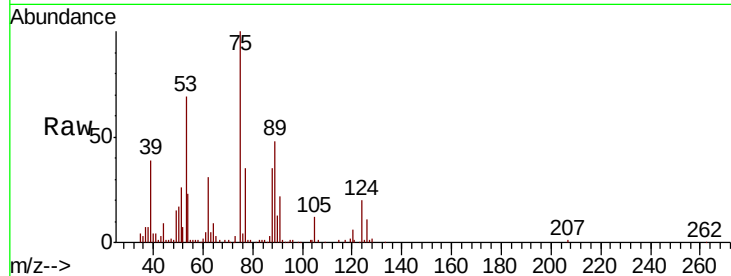
#81
trans-1,4-Dichloro-2-butene
Concen: 48.499 ug/l m
RT: 11.87 min Scan# 1140
Delta R.T. 0.00 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	69.4	51.6	77.4
89	47.8	36.7	55.1

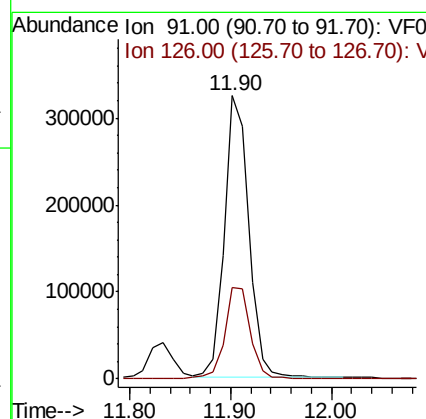
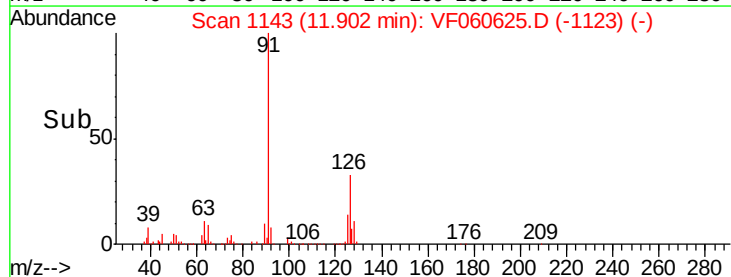
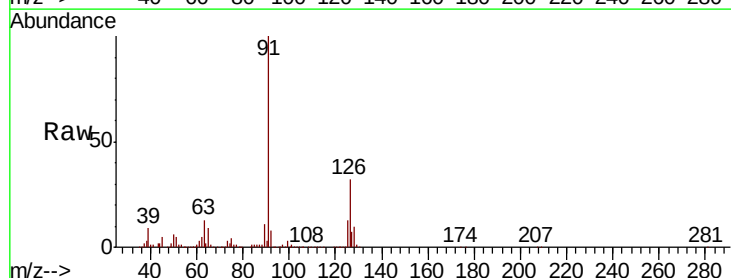
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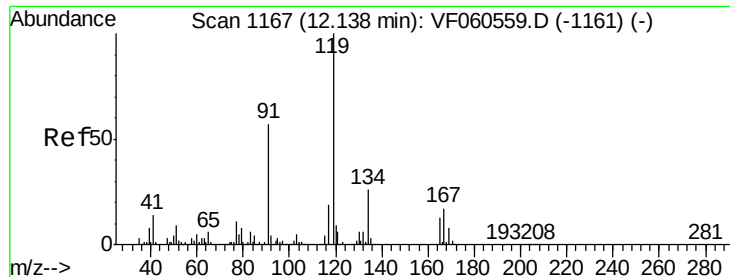
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#82
4-Chlorotoluene
Concen: 50.878 ug/l
RT: 11.90 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	15.9	47.7





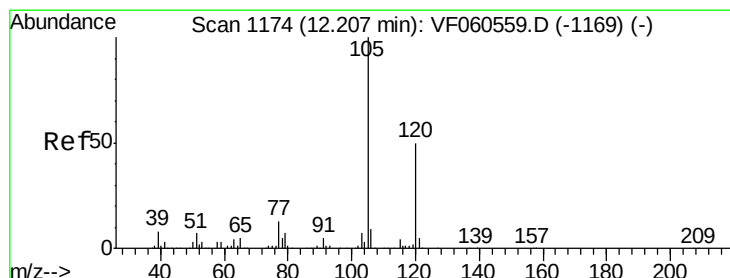
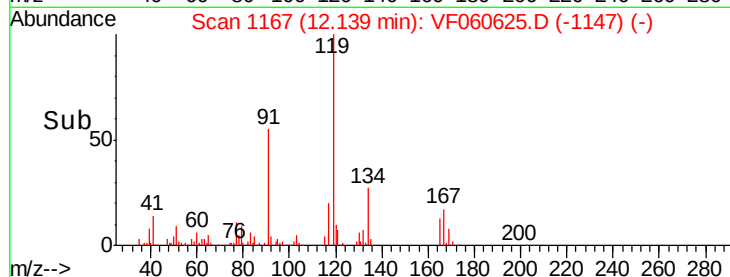
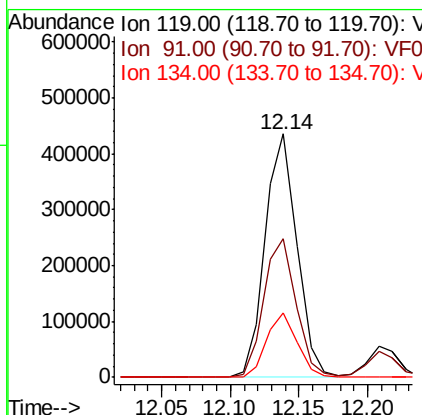
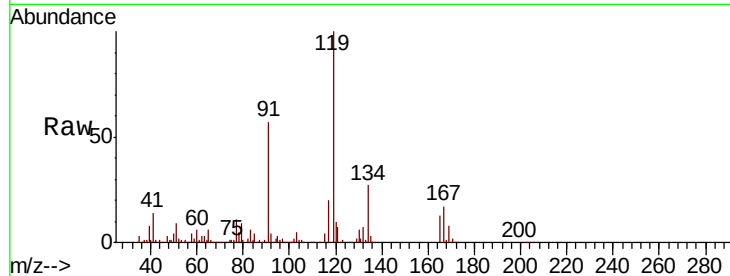
#83
 tert-Butylbenzene
 Concen: 54.127 ug/l
 RT: 12.14 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: VF060625.D
 Acq: 7 Nov 2018 12:06

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion:119	Resp:	704216
Ion Ratio	Lower	Upper
119 100		
91 56.7	28.8	86.4
134 26.6	13.2	39.6

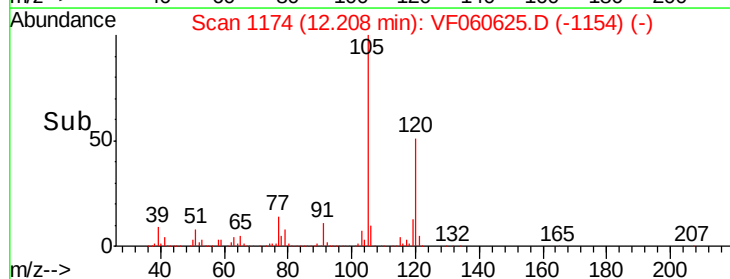
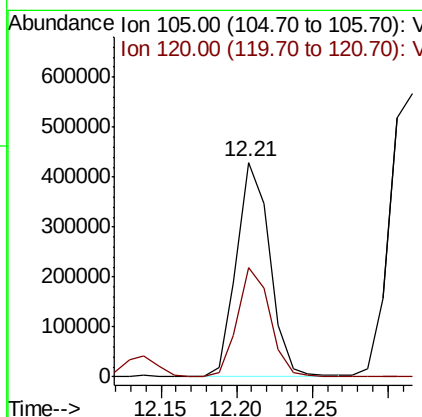
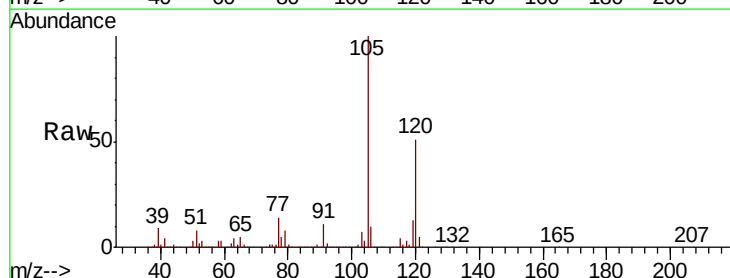
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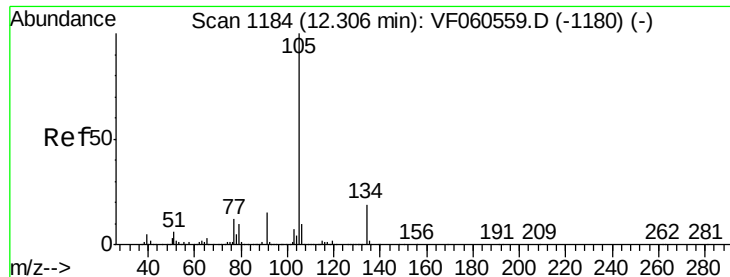
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.950 ug/l
 RT: 12.21 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VF060625.D
 Acq: 7 Nov 2018 12:06

Tgt Ion:105	Resp:	660376
Ion Ratio	Lower	Upper
105 100		
120 50.8	25.6	76.8





#85

sec-Butylbenzene

Concen: 51.662 ug/l

RT: 12.32 min Scan# 1185

Delta R.T. 0.01 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 924621

Ion Ratio Lower Upper

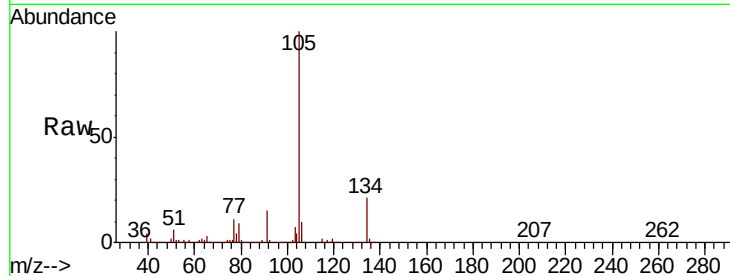
105 100

134 20.9 9.7 29.1

Manual Integrations
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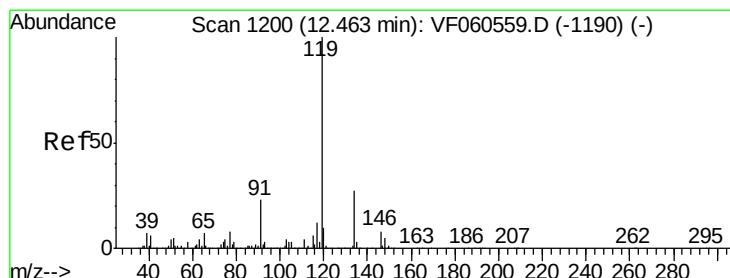
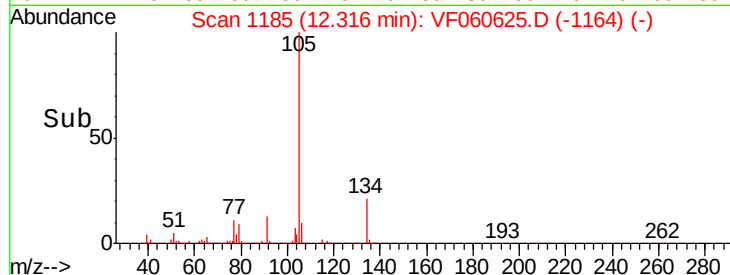
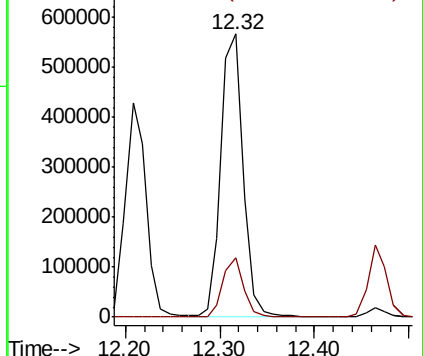
apatel

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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: 52.141 ug/l

RT: 12.46 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

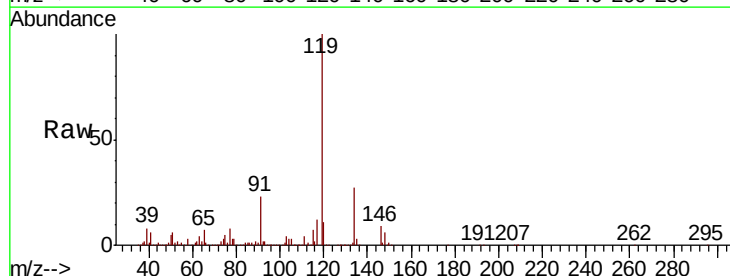
Tgt Ion:119 Resp: 768486

Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.7

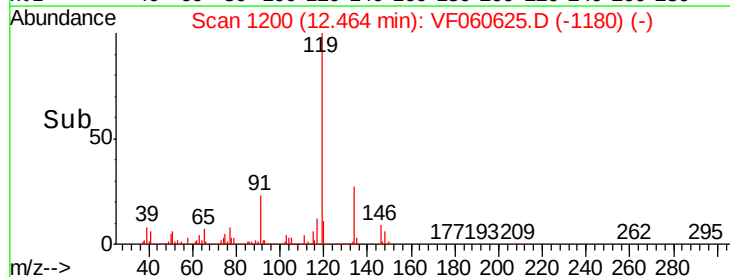
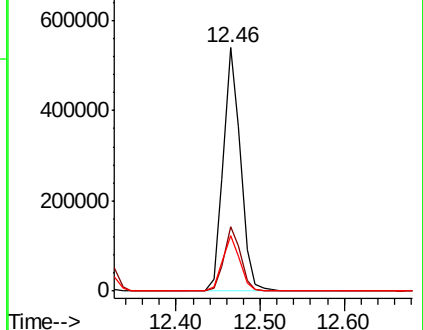
91 22.8 11.4 34.2

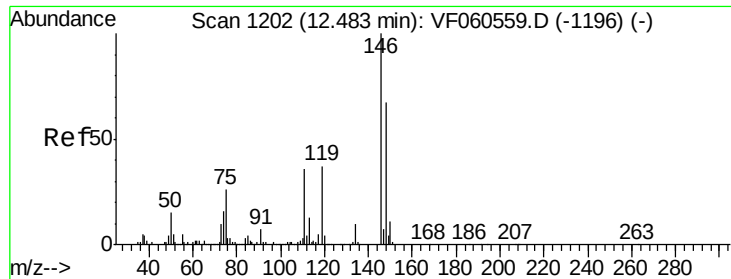


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





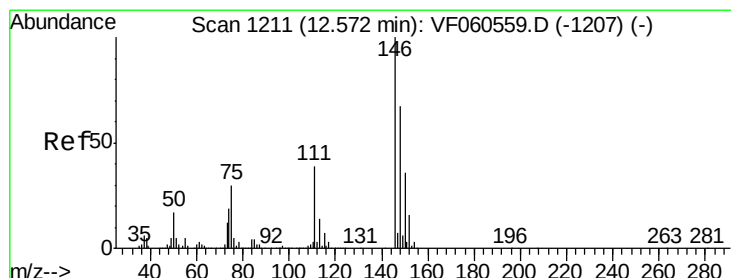
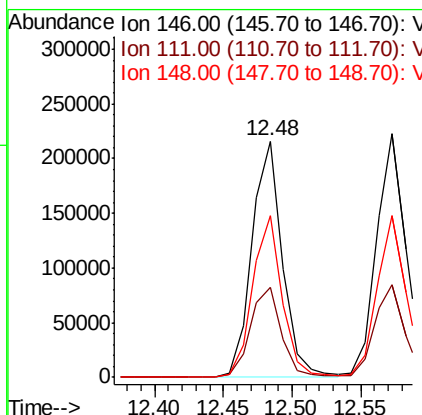
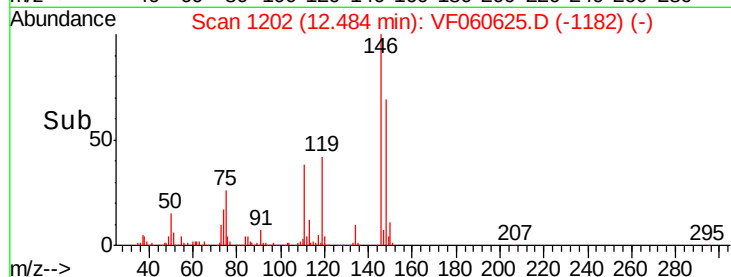
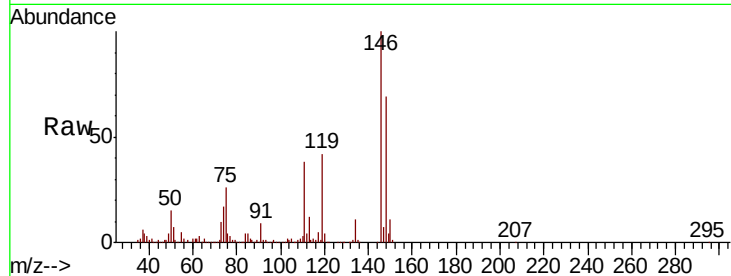
#87
 1,3-Dichlorobenzene
 Concen: 50.331 ug/l
 RT: 12.48 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VF060625.D
 Acq: 7 Nov 2018 12:06

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.3	54.8
148	68.7	33.5	100.4

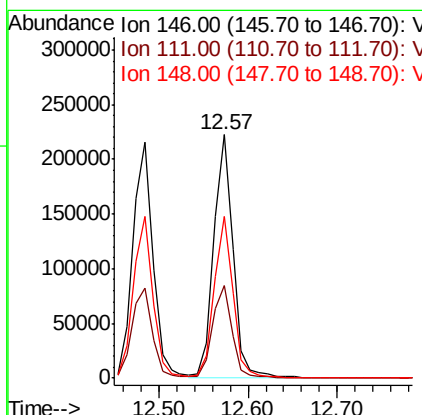
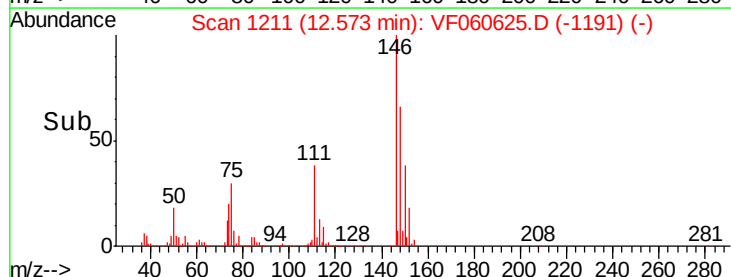
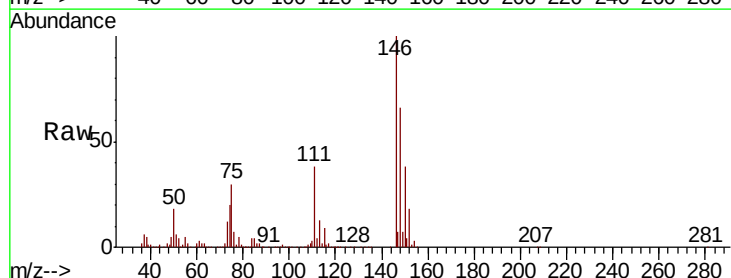
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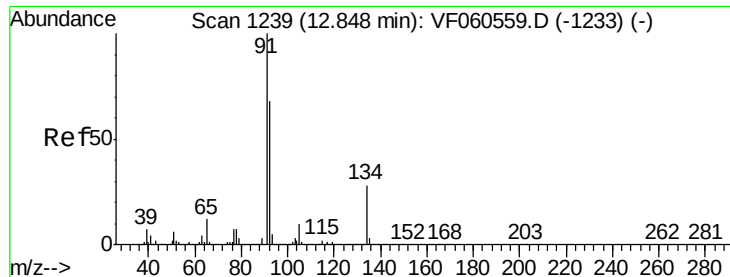
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#88
 1,4-Dichlorobenzene
 Concen: 53.137 ug/l
 RT: 12.57 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: VF060625.D
 Acq: 7 Nov 2018 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.7	59.1
148	66.4	33.7	101.1





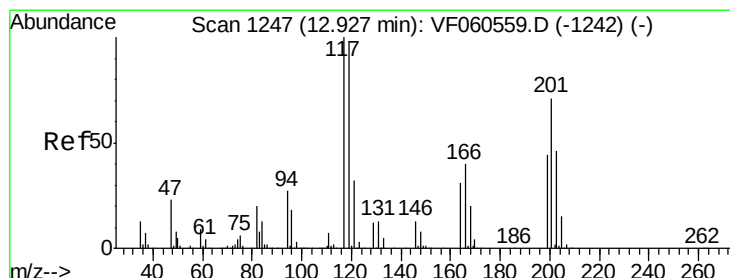
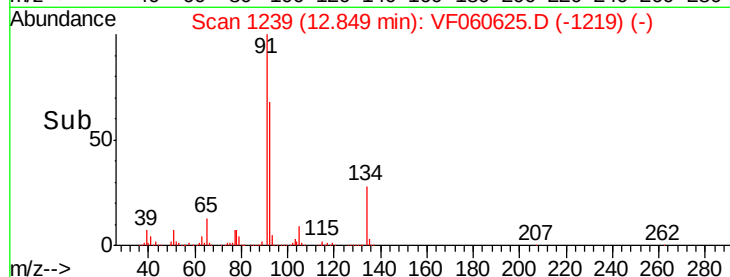
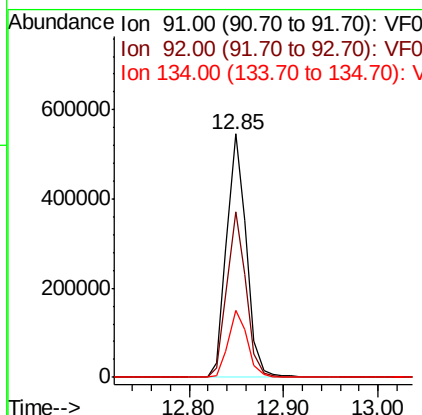
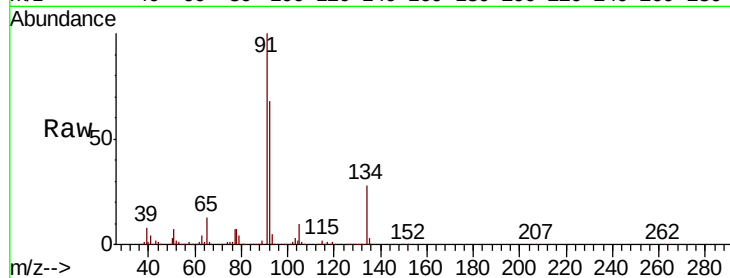
#89
n-Butylbenzene
Concen: 56.504 ug/l
RT: 12.85 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	67.8	34.1	102.2
134	27.6	13.9	41.6

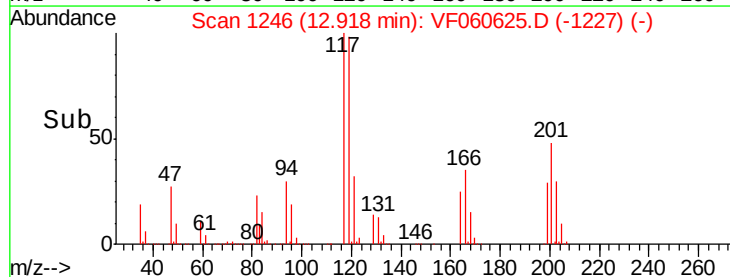
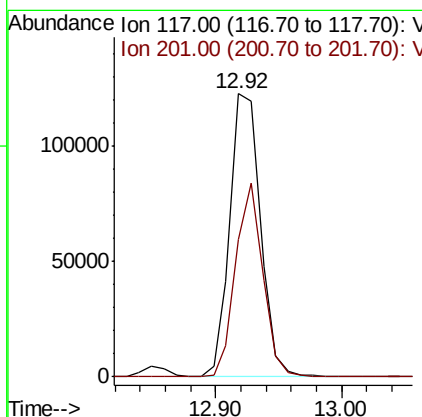
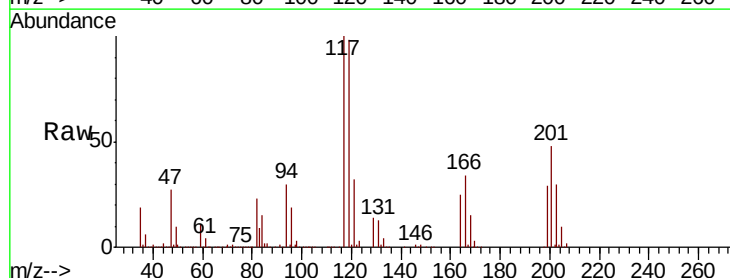
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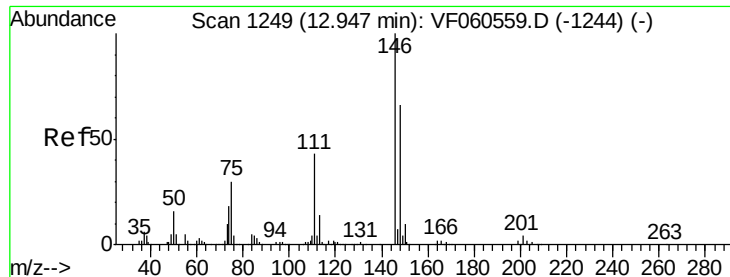
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#90
Hexachloroethane
Concen: 54.792 ug/l
RT: 12.92 min Scan# 1246
Delta R.T. -0.01 min
Lab File: VF060625.D
Acq: 7 Nov 2018 12:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	48.3	35.2	105.6





#91

1,2-Dichlorobenzene

Concen: 50.760 ug/l

RT: 12.95 min Scan# 1249

Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

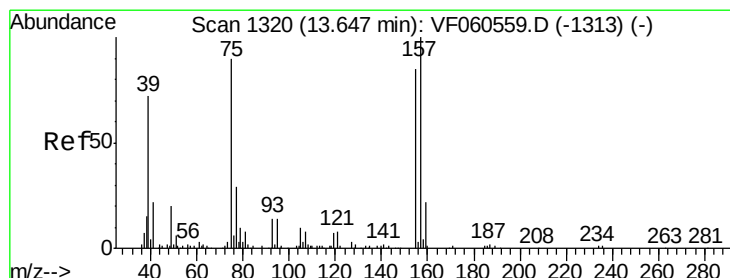
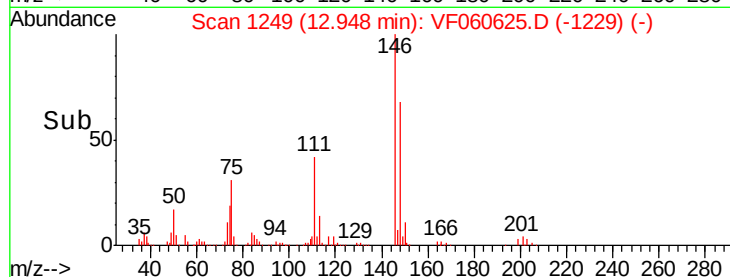
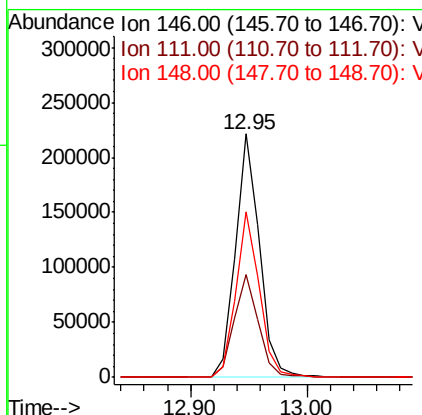
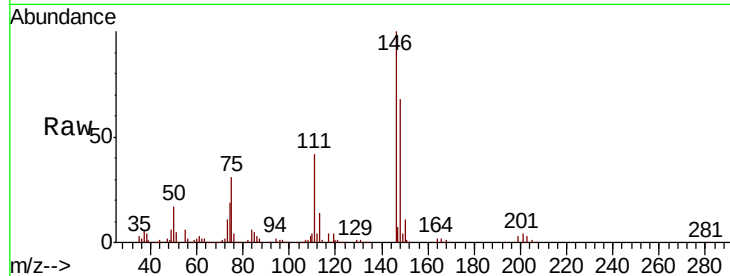
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	315119
Ion Ratio	Lower	Upper	
146	100		
111	42.3	21.3	64.0
148	68.2	32.9	98.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 52.483 ug/l

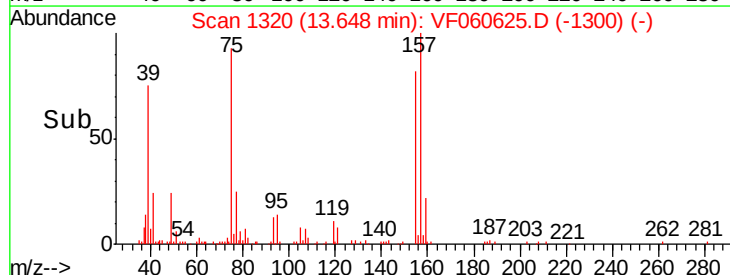
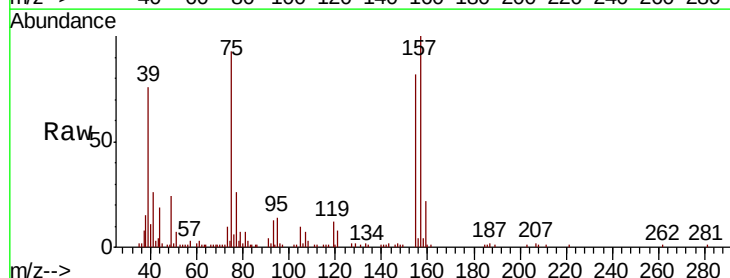
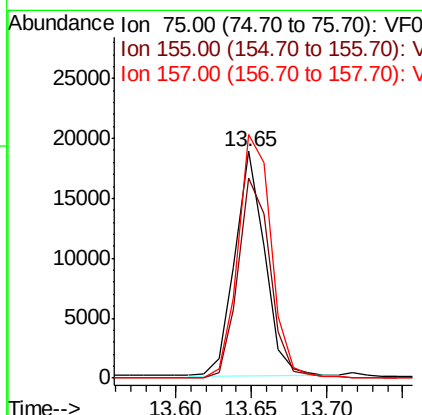
RT: 13.65 min Scan# 1320

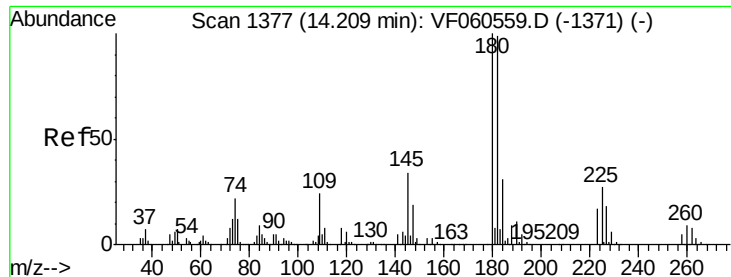
Delta R.T. 0.00 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Tgt Ion:	75	Resp:	25715
Ion Ratio	Lower	Upper	
75	100		
155	88.1	47.3	141.8
157	107.3	55.3	165.9





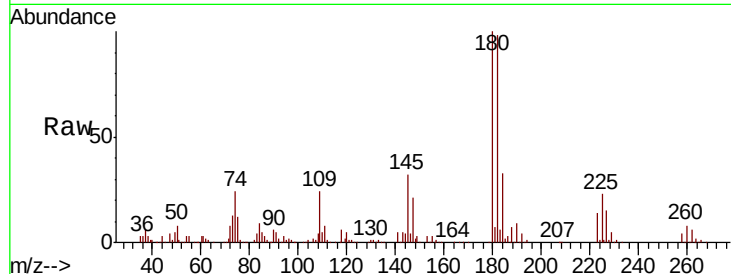
#93
 1,2,4-Trichlorobenzene
 Concen: 54.035 ug/l
 RT: 14.21 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: VF060625.D
 Acq: 7 Nov 2018 12:06

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	227895		
182	97.8	49.7	149.1	
145	32.1	16.9	50.7	

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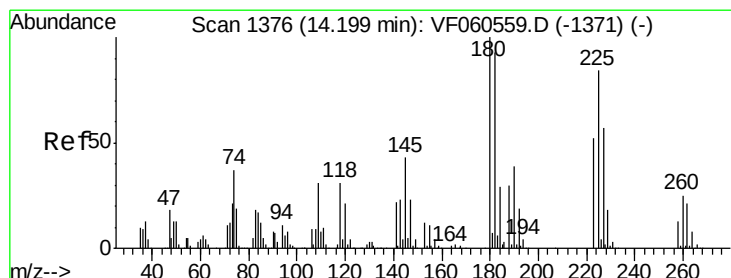
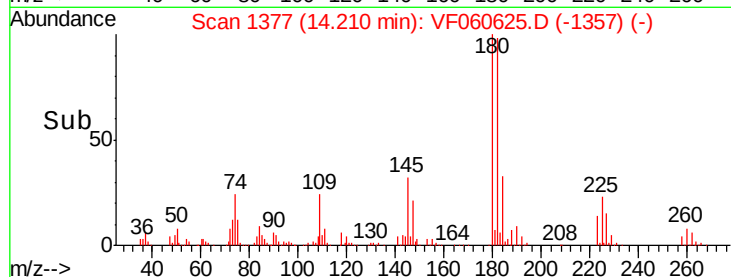
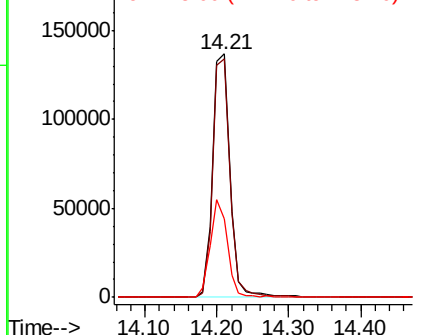


Abundance

Ion 180.00 (179.70 to 180.70): V

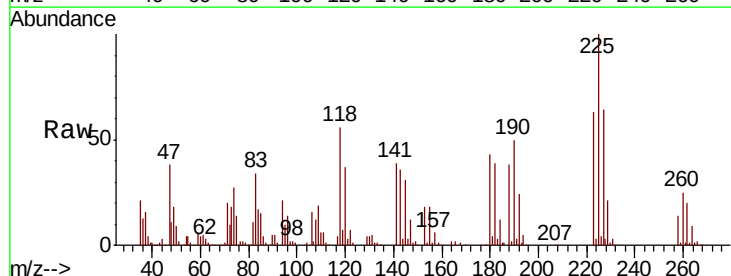
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#94
 Hexachlorobutadiene
 Concen: 55.131 ug/l
 RT: 14.19 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: VF060625.D
 Acq: 7 Nov 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	150667		
223	63.4	30.9	92.5	
227	63.7	33.9	101.6	

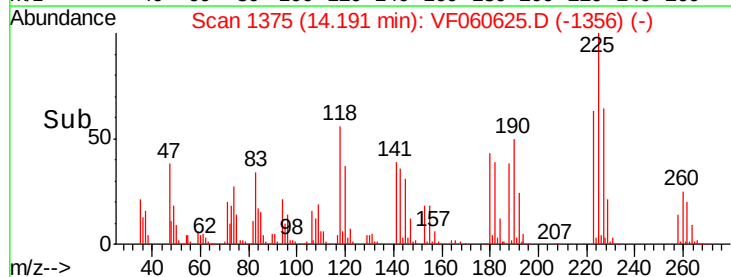
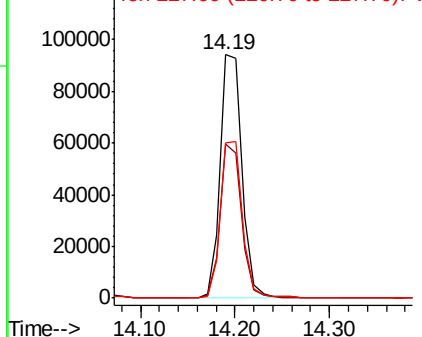


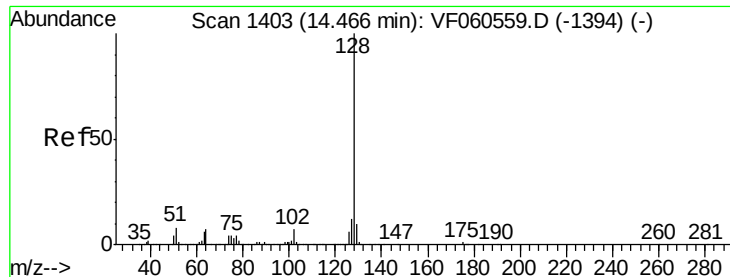
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#95

Naphthalene

Concen: 54.138 ug/l

RT: 14.46 min Scan# 1402

Delta R.T. -0.01 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Instrument :

MSVOA_F

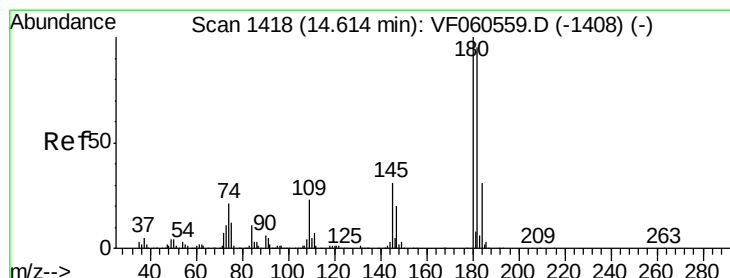
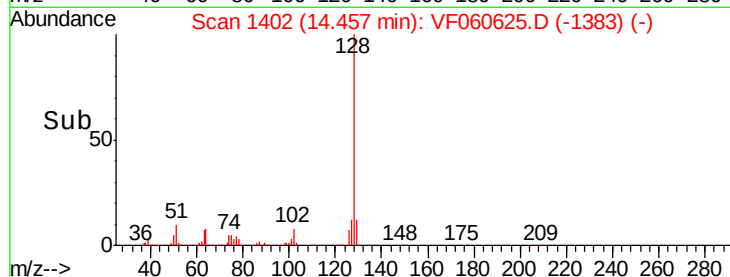
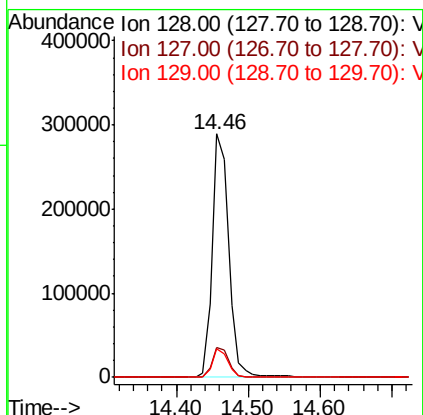
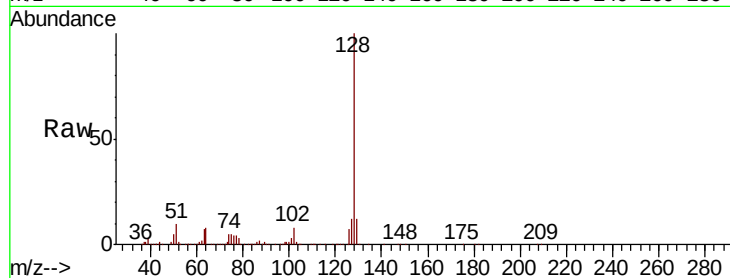
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	456997
Ion Ratio	Lower	Upper	
128	100		
127	12.4	9.4	14.0
129	11.7	8.4	12.6

Manual Integrations
APPROVED

apatel
11/8/2018 10:28:30 AM



#96

1,2,3-Trichlorobenzene

Concen: 53.858 ug/l

RT: 14.60 min Scan# 1417

Delta R.T. -0.01 min

Lab File: VF060625.D

Acq: 7 Nov 2018 12:06

Tgt Ion:	180	Resp:	214571
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.3	142.0
145	37.1	15.6	46.8

