

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110918\
 Data File : VF060667.D
 Acq On : 9 Nov 2018 11:28
 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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 11/12/2018 2:40:56 PM

Quant Time: Nov 12 04:19:26 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	4.87	168	258921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	456414	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	397420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	224688	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.84	65	138241	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
35) Dibromofluoromethane	4.11	113	160699	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	
50) Toluene-d8	7.55	98	487970	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
62) 4-Bromofluorobenzene	11.41	95	221947	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.96	85	143079	53.137	ug/l	98
3) Chloromethane	1.09	50	114394	50.481	ug/l	98
4) Vinyl Chloride	1.13	62	105054	50.310	ug/l	93
5) Bromomethane	1.30	94	59732	50.962	ug/l	91
6) Chloroethane	1.37	64	40337	53.832	ug/l	95
7) Trichlorofluoromethane	1.48	101	220161	56.333	ug/l	92
8) Diethyl Ether	1.62	74	32186	44.435	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	1.80	101	111575	49.960	ug/l	97
10) Methyl Iodide	1.87	142	181292	49.329	ug/l	92
11) Tert butyl alcohol	2.56	59	29805	216.643	ug/l #	81
12) 1,1-Dichloroethene	1.77	96	85605	45.511	ug/l	88
13) Acrolein	2.00	56	18815	214.492	ug/l	99
14) Allyl chloride	2.10	41	164254	53.480	ug/l	97
15) Acrylonitrile	2.94	53	61990	198.826	ug/l	90
16) Acetone	2.23	43	176024	285.547	ug/l	99
17) Carbon Disulfide	1.76	76	252700	47.693	ug/l	95
18) Methyl Acetate	2.33	43	47629	49.743	ug/l	100
19) Methyl tert-butyl Ether	2.42	73	213459	48.546	ug/l	99
20) Methylene Chloride	2.18	84	92950	50.960	ug/l	93
21) trans-1,2-Dichloroethene	2.30	96	100770	51.065	ug/l	96
22) Diisopropyl ether	2.79	45	331590	50.957	ug/l	99
23) Vinyl Acetate	3.18	43	747943	191.300	ug/l	99
24) 1,1-Dichloroethane	2.87	63	189076	50.206	ug/l	99
25) 2-Butanone	4.32	43	285232	245.426	ug/l	99
26) 2,2-Dichloropropane	3.60	77	168023	59.627	ug/l	98
27) cis-1,2-Dichloroethene	3.47	96	189070	50.189	ug/l	97
28) Bromochloromethane	3.71	49	124182	52.544	ug/l	99
29) Tetrahydrofuran	4.06	42	103017	224.744	ug/l	99
30) Chloroform	3.85	83	322780	54.174	ug/l	98
31) Cyclohexane	3.69	56	260534	50.131	ug/l	97
32) 1,1,1-Trichloroethane	4.09	97	248467	59.708	ug/l	97
36) 1,1-Dichloropropene	4.27	75	242953	48.345	ug/l	100
37) Ethyl Acetate	4.10	43	95406	39.548	ug/l #	68
38) Carbon Tetrachloride	3.98	117	231310	53.866	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.45	83	300700	49.032	ug/l	97
40) Benzene	4.62	78	571457	46.846	ug/l	99
41) Methacrylonitrile	4.73	41	56201	41.138	ug/l #	95
42) 1,2-Dichloroethane	4.94	62	177653	50.742	ug/l	98
43) Isopropyl Acetate	6.95	43	135350	44.356	ug/l #	96
44) Trichloroethene	5.50	130	159839	43.599	ug/l	98
45) 1,2-Dichloropropane	6.23	63	156052	50.020	ug/l	98
46) Dibromomethane	6.08	93	91698	46.330	ug/l	94
47) Bromodichloromethane	6.38	83	231684	48.531	ug/l	98
48) Methyl methacrylate	6.71	41	86518	45.113	ug/l	96
49) 1,4-Dioxane	6.69	88	14924	743.888	ug/l #	78
51) 4-Methyl-2-Pentanone	8.25	43	447111	217.889	ug/l	100
52) Toluene	7.62	92	372562	46.886	ug/l	100
53) t-1,3-Dichloropropene	8.27	75	189692	45.718	ug/l	97
54) cis-1,3-Dichloropropene	7.30	75	262158	50.008	ug/l	99
55) 1,1,2-Trichloroethane	8.49	97	110984	47.997	ug/l	98
56) Ethyl methacrylate	8.62	69	124390	41.811	ug/l	95
57) 1,3-Dichloropropane	8.84	76	190271	46.896	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.62	63	51449	272.214	ug/l	100
59) 2-Hexanone	9.49	43	358452	265.387	ug/l	96
60) Dibromochloromethane	8.71	129	146158	45.196	ug/l	99
61) 1,2-Dibromoethane	8.98	107	112079	46.092	ug/l	97
64) Tetrachloroethene	8.14	164	150015	48.165	ug/l	96
65) Chlorobenzene	9.79	112	398564	49.041	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.93	131	155803	45.370	ug/l	99
67) Ethyl Benzene	9.90	91	711218	48.224	ug/l	100
68) m/p-Xylenes	10.13	106	542288	97.612	ug/l	98
69) o-Xylene	10.71	106	304648	50.220	ug/l	99
70) Styrene	10.79	104	415276	47.252	ug/l	98
71) Bromoform	10.77	173	75652	42.654	ug/l	97
73) Isopropylbenzene	11.12	105	860514	49.108	ug/l	100
74) N-amyl acetate	11.37	43	193902	43.176	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.69	83	149958	46.885	ug/l	97
76) 1,2,3-Trichloropropane	11.86	75	70758	45.015	ug/l	94
77) Bromobenzene	11.49	156	187934	49.015	ug/l	96
78) n-propylbenzene	11.60	91	986666	48.125	ug/l	95
79) 2-Chlorotoluene	11.71	91	580218	49.555	ug/l	100
80) 1,3,5-Trimethylbenzene	11.82	105	672712	46.575	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.86	75	53922m	43.649	ug/l	
82) 4-Chlorotoluene	11.89	91	572343	46.853	ug/l	99
83) tert-Butylbenzene	12.13	119	687880	46.618	ug/l	100
84) 1,2,4-Trimethylbenzene	12.20	105	692242	48.940	ug/l	99
85) sec-Butylbenzene	12.31	105	983638	48.459	ug/l	96
86) p-Isopropyltoluene	12.45	119	776734	46.468	ug/l	98
87) 1,3-Dichlorobenzene	12.47	146	347020	46.111	ug/l	98
88) 1,4-Dichlorobenzene	12.56	146	355052	49.740	ug/l	89
89) n-Butylbenzene	12.84	91	819355	50.626	ug/l	99
90) Hexachloroethane	12.92	117	202462	47.628	ug/l	97
91) 1,2-Dichlorobenzene	12.94	146	321116	45.608	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.64	75	27337	49.195	ug/l	96

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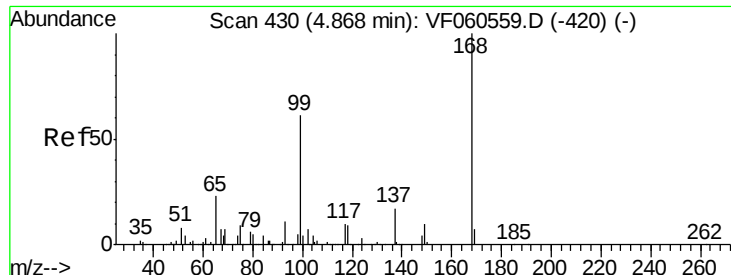
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.20	180	215229	44.997	ug/l	99
94) Hexachlorobutadiene	14.19	225	142927	46.113	ug/l	98
95) Naphthalene	14.45	128	411140	42.945	ug/l	97
96) 1,2,3-Trichlorobenzene	14.59	180	206413	45.683	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 258921

Ion Ratio Lower Upper

168 100

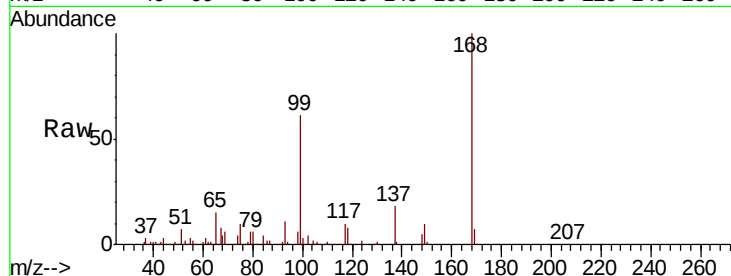
99 60.8 48.6 72.8

Manual Integrations

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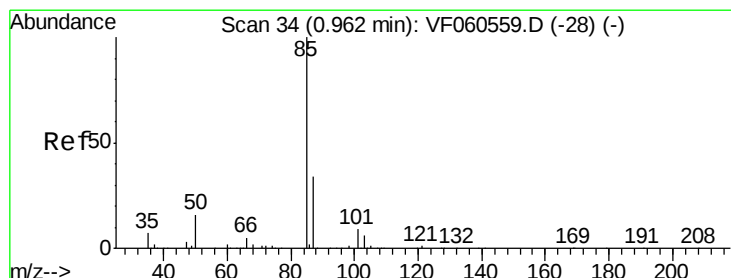
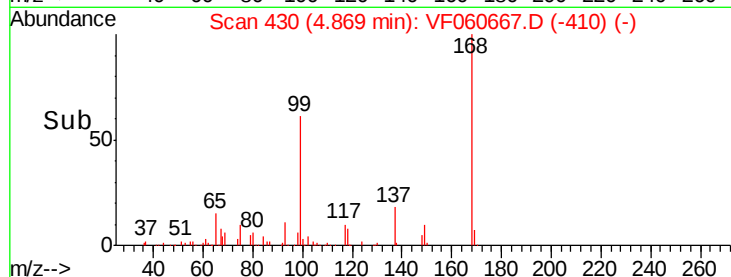
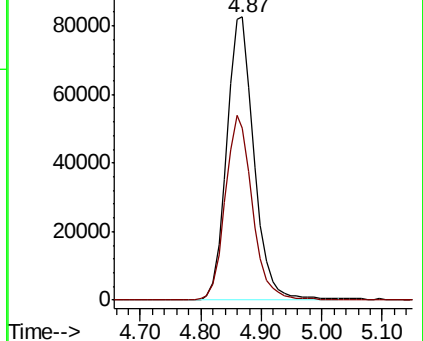
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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 53.137 ug/l

RT: 0.96 min Scan# 34

Delta R.T. 0.00 min

Lab File: VF060667.D

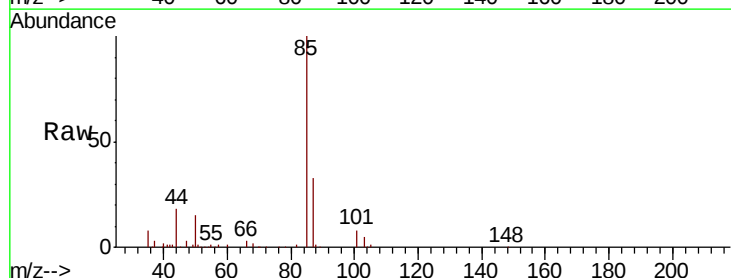
Acq: 9 Nov 2018 11:28

Tgt Ion: 85 Resp: 143079

Ion Ratio Lower Upper

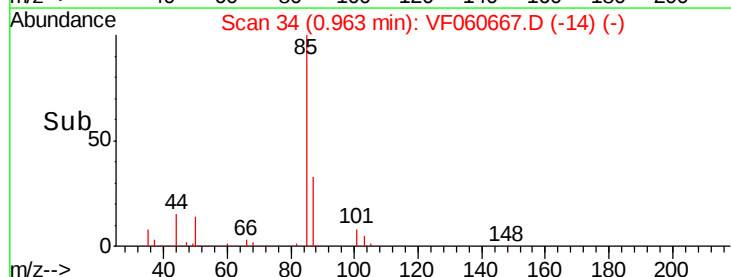
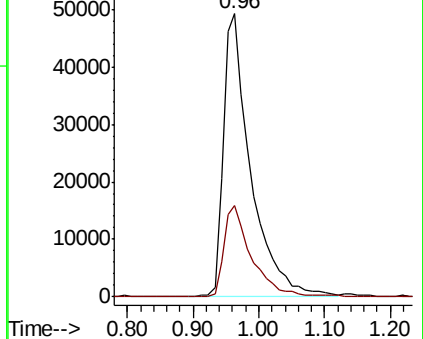
85 100

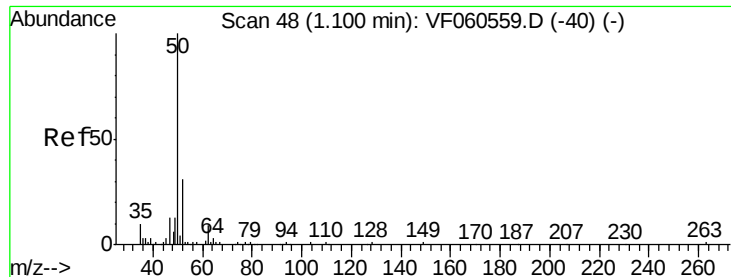
87 32.5 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 50.481 ug/l

RT: 1.09 min Scan# 47

Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 114394

Ion Ratio Lower Upper

50 100

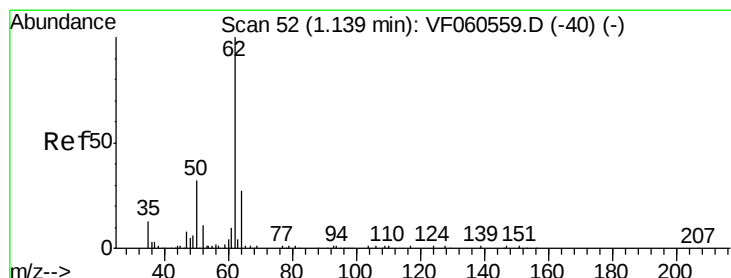
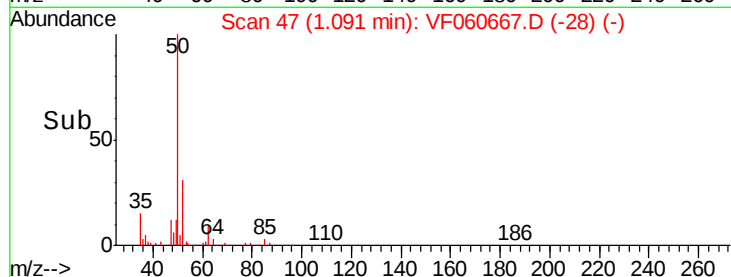
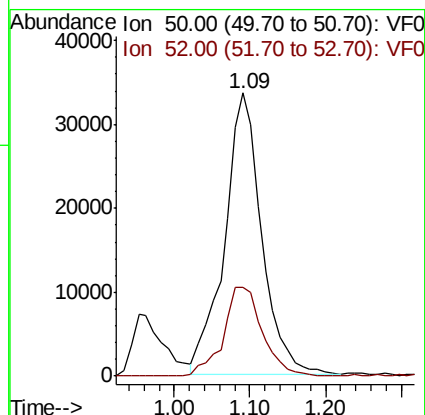
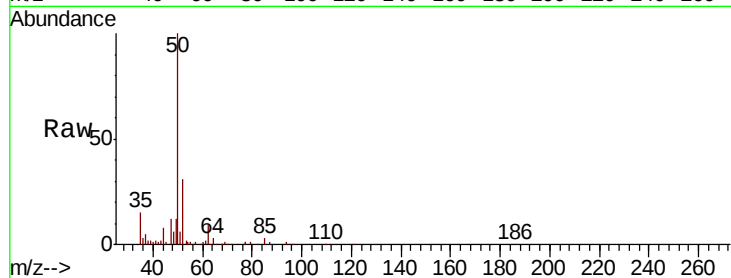
52 31.3 24.0 36.0

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#4

Vinyl Chloride

Concen: 50.310 ug/l

RT: 1.13 min Scan# 51

Delta R.T. -0.01 min

Lab File: VF060667.D

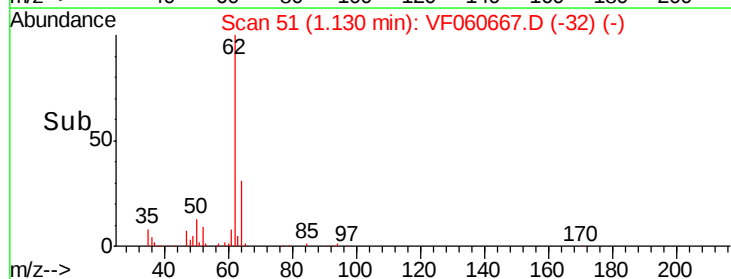
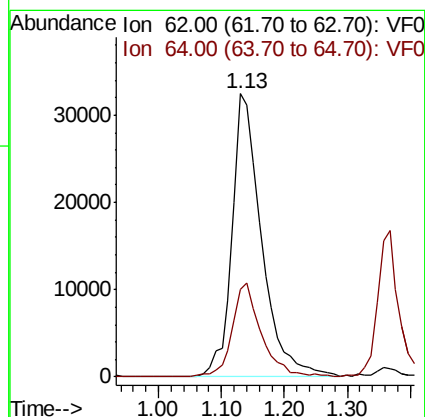
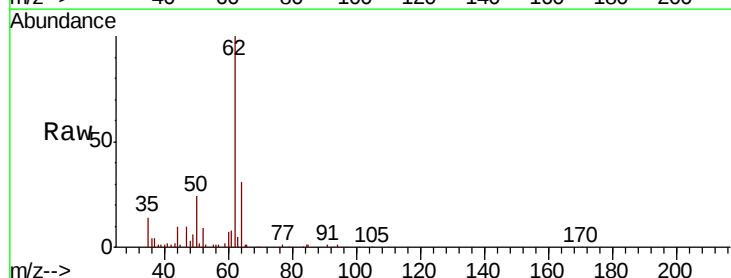
Acq: 9 Nov 2018 11:28

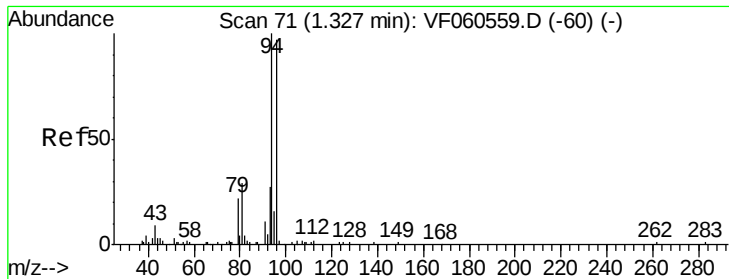
Tgt Ion: 62 Resp: 105054

Ion Ratio Lower Upper

62 100

64 30.7 21.8 32.6





#5

Bromomethane

Concen: 50.962 ug/l

RT: 1.30 min Scan# 68

Delta R.T. -0.03 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 59732

Ion Ratio Lower Upper

94 100

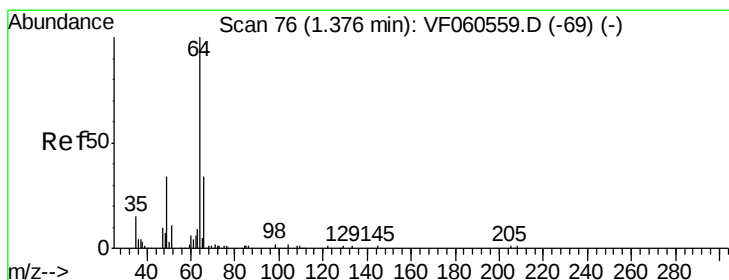
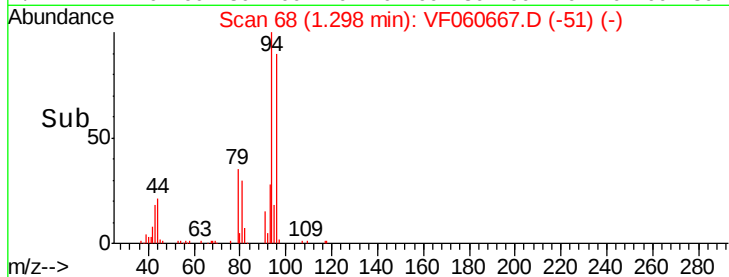
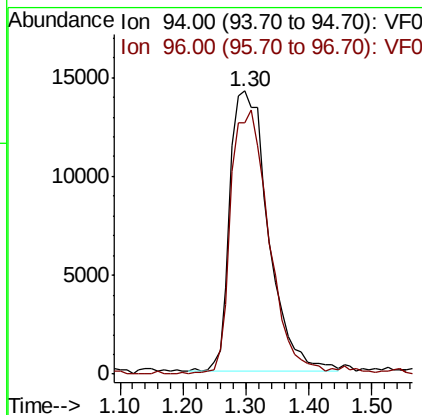
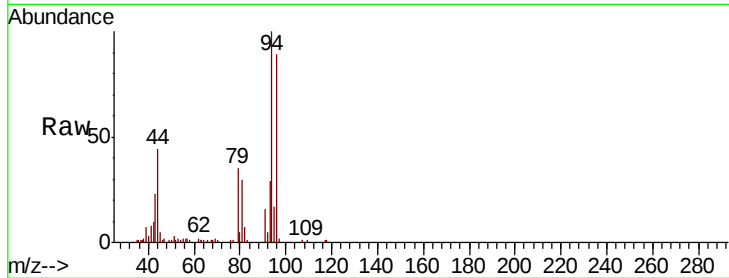
96 89.0 77.9 116.9

Manual Integrations

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#6

Chloroethane

Concen: 53.832 ug/l

RT: 1.37 min Scan# 75

Delta R.T. -0.01 min

Lab File: VF060667.D

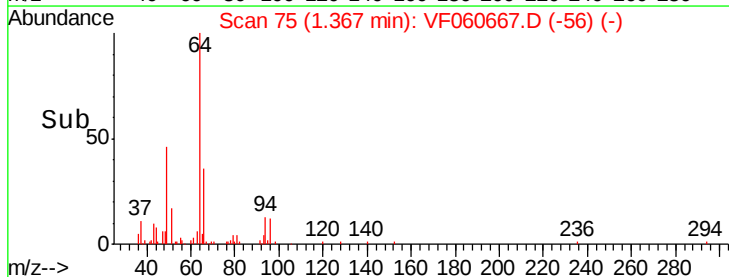
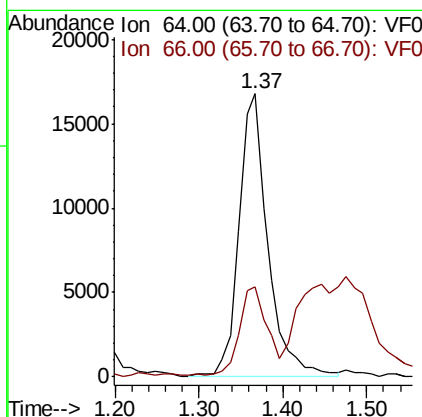
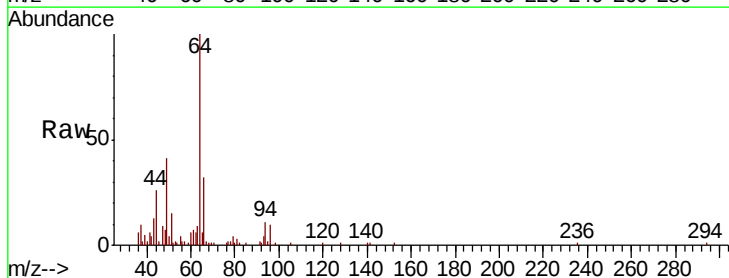
Acq: 9 Nov 2018 11:28

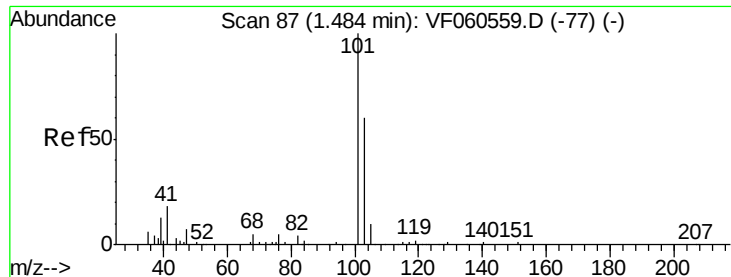
Tgt Ion: 64 Resp: 40337

Ion Ratio Lower Upper

64 100

66 31.9 27.8 41.8





#7

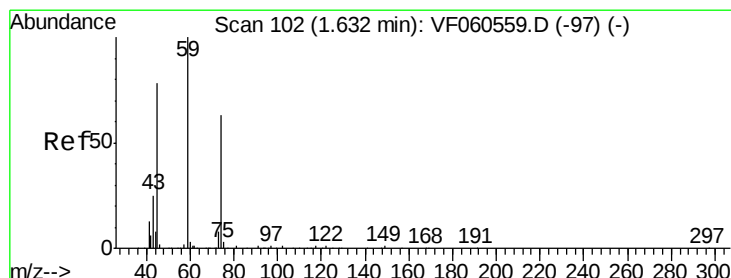
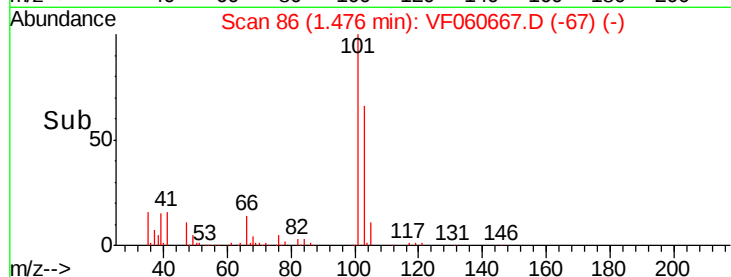
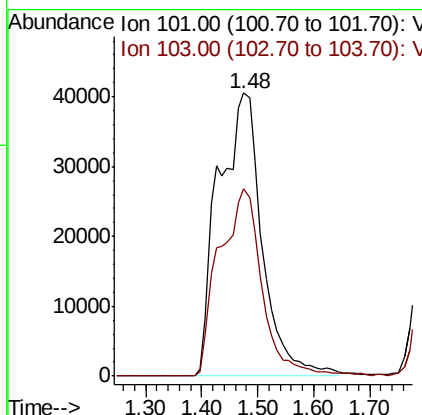
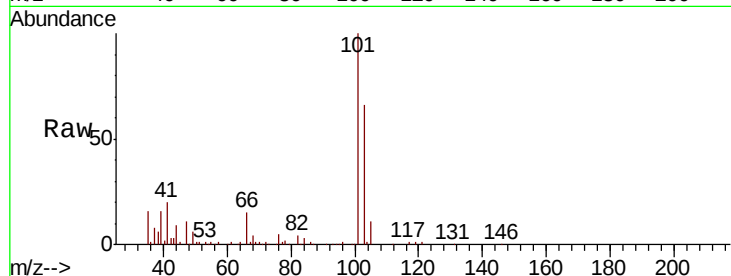
Trichlorofluoromethane
 Concen: 56.333 ug/l
 RT: 1.48 min Scan# 86
 Delta R.T. -0.01 min
 Lab File: VF060667.D
 Acq: 9 Nov 2018 11:28

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.3	48.0	72.0

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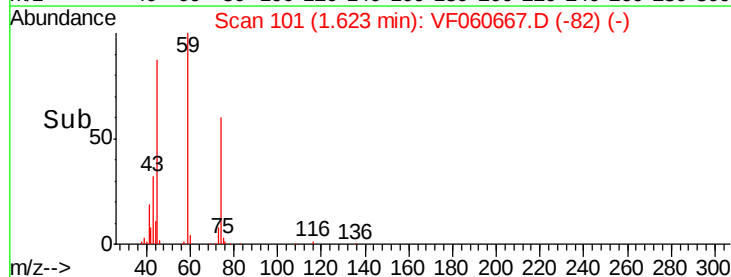
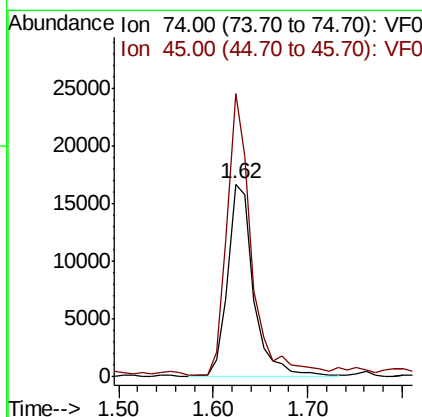
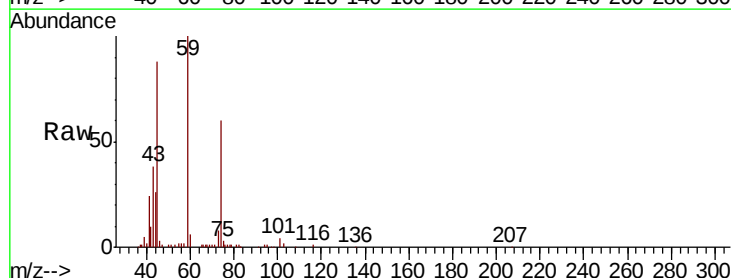
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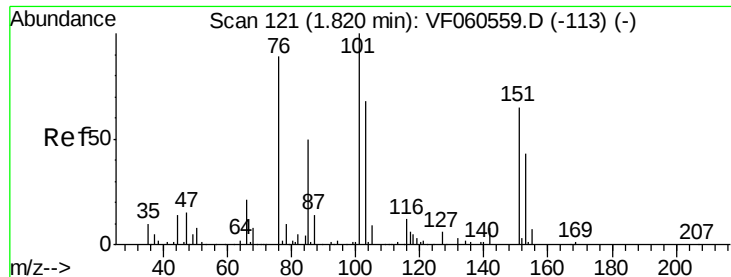


#8

Diethyl Ether
 Concen: 44.435 ug/l
 RT: 1.62 min Scan# 101
 Delta R.T. -0.01 min
 Lab File: VF060667.D
 Acq: 9 Nov 2018 11:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	146.8	63.8	191.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.960 ug/l

RT: 1.80 min Scan# 119

Delta R.T. -0.02 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

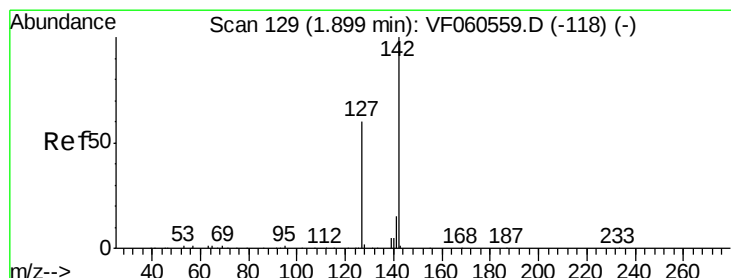
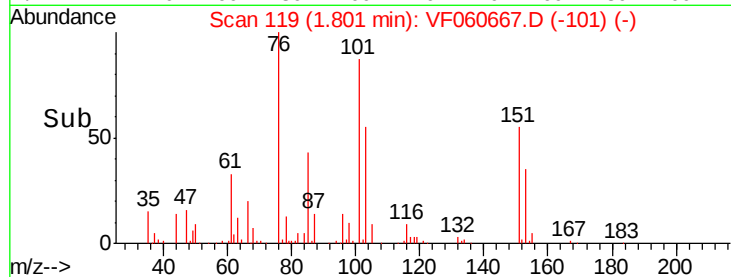
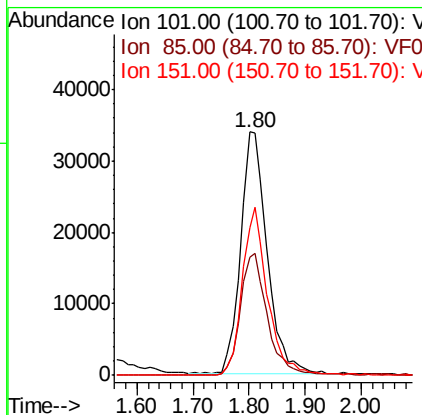
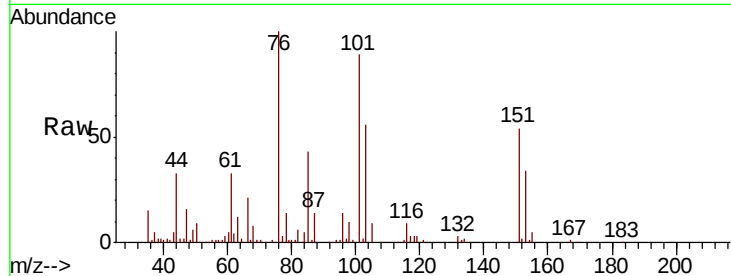
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	111575
Ion Ratio	Lower	Upper	
101	100		
85	48.3	39.8	59.6
151	60.8	50.8	76.2

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#10

Methyl Iodide

Concen: 49.329 ug/l

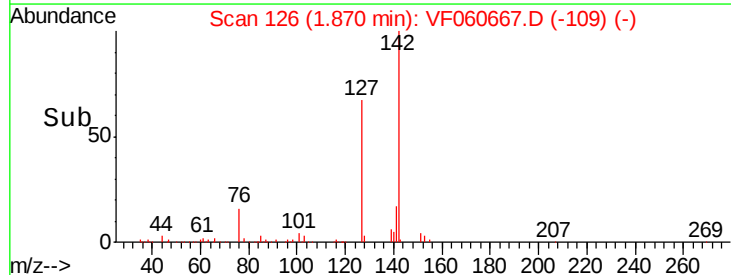
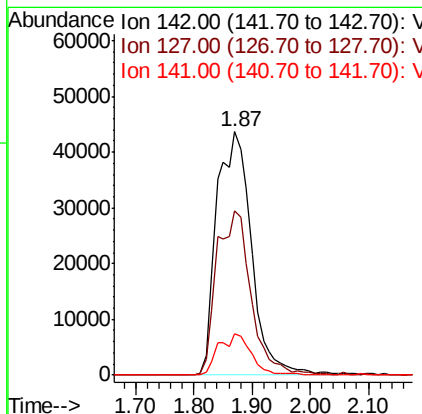
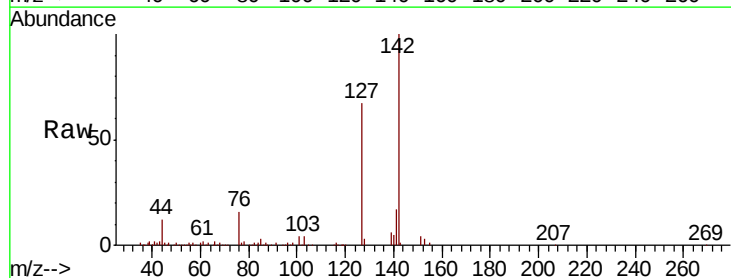
RT: 1.87 min Scan# 126

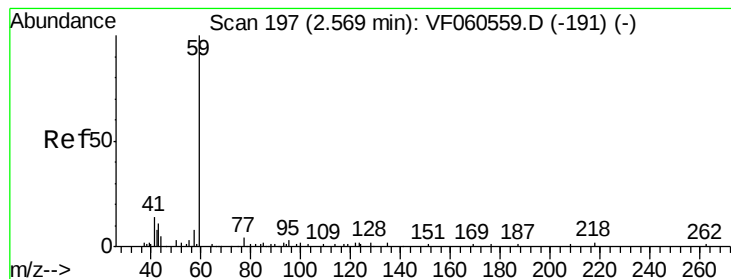
Delta R.T. -0.03 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Tgt Ion:	142	Resp:	181292
Ion Ratio	Lower	Upper	
142	100		
127	67.3	47.8	71.6
141	16.9	12.7	19.1





#11

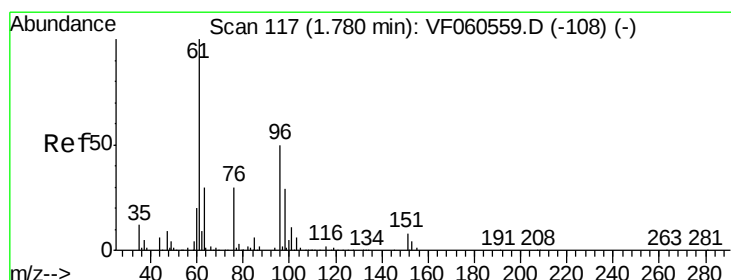
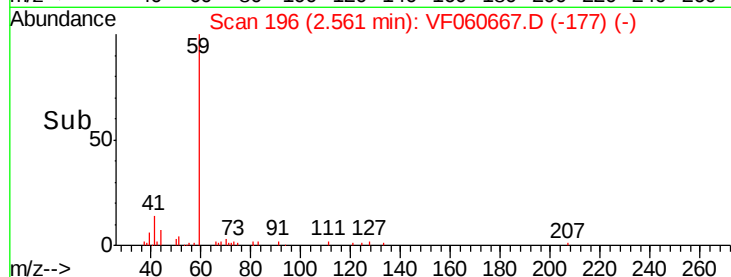
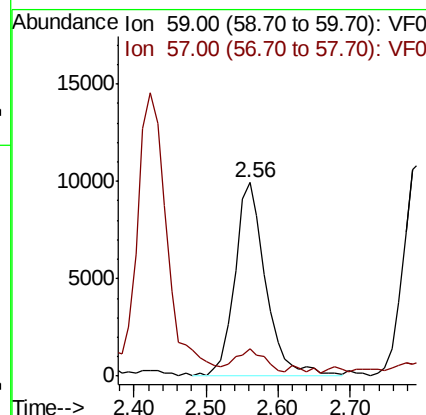
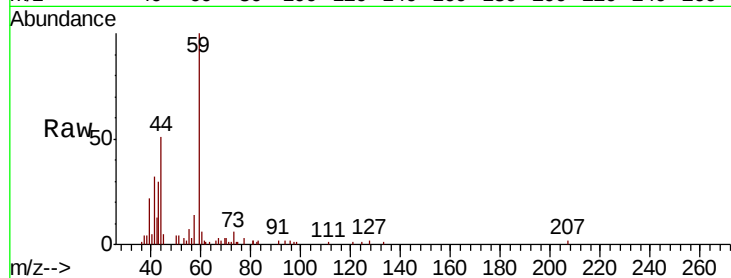
Tert butyl alcohol
Concen: 216.643 ug/l
RT: 2.56 min Scan# 196
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 29805
Ion Ratio Lower Upper
59 100
57 14.5 19.0 28.4#

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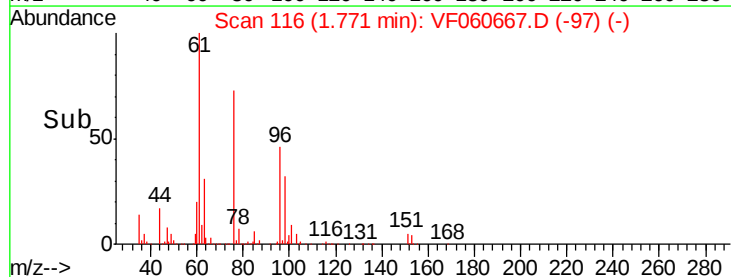
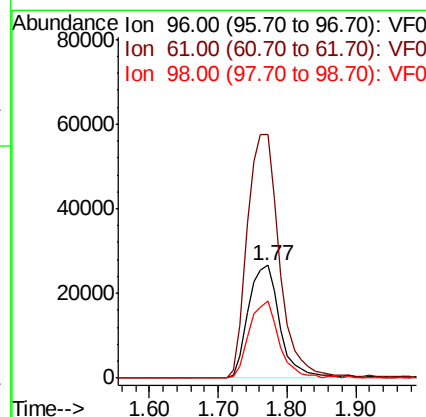
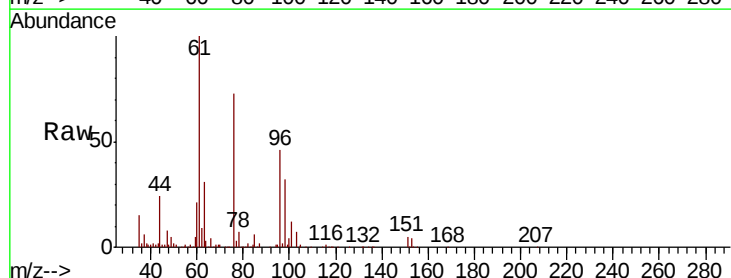
apatel
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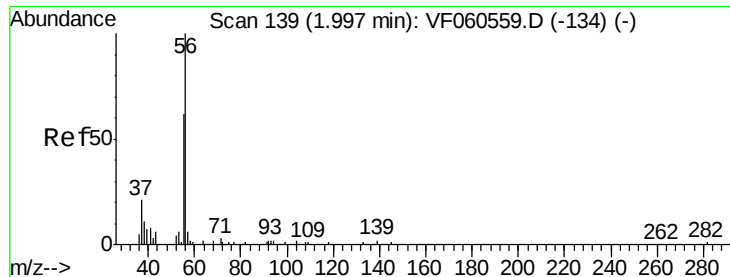


#12

1,1-Dichloroethene
Concen: 45.511 ug/l
RT: 1.77 min Scan# 116
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Tgt Ion: 96 Resp: 85605
Ion Ratio Lower Upper
96 100
61 215.7 158.1 237.1
98 68.8 47.0 70.6





#13

Acrolein

Concen: 214.492 ug/l

RT: 2.00 min Scan# 139

Delta R.T. 0.00 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 18815

Ion Ratio Lower Upper

56 100

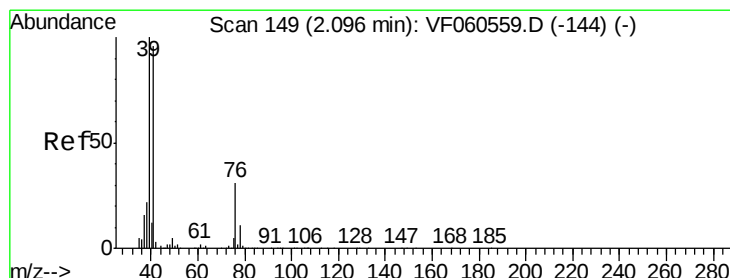
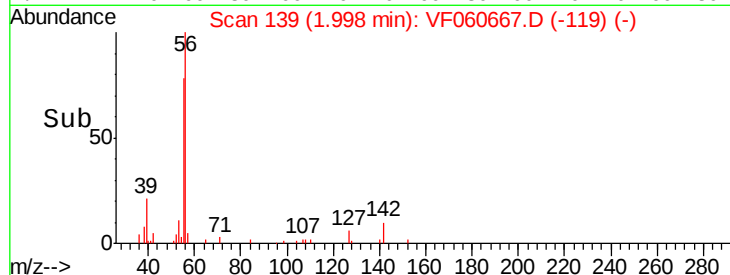
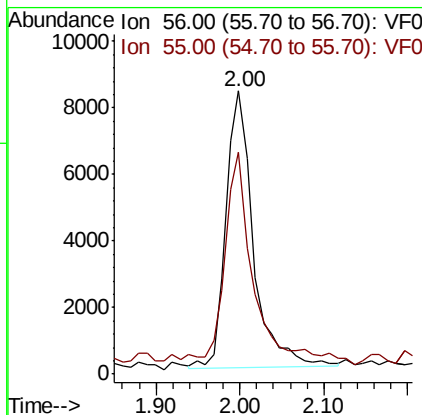
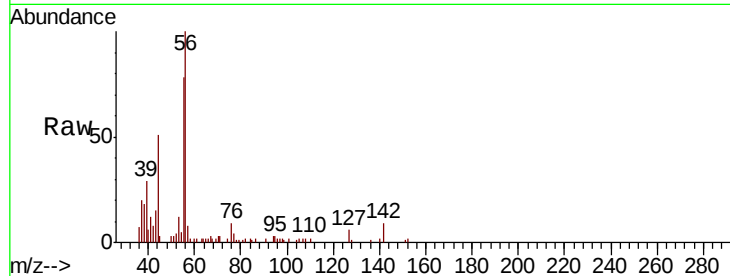
55 78.4 61.8 92.6

Manual Integrations

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#14

Allyl chloride

Concen: 53.480 ug/l

RT: 2.10 min Scan# 149

Delta R.T. 0.00 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

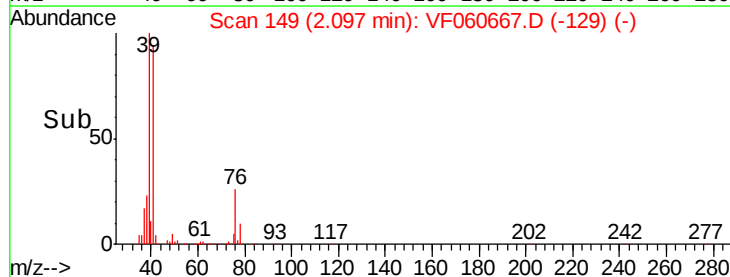
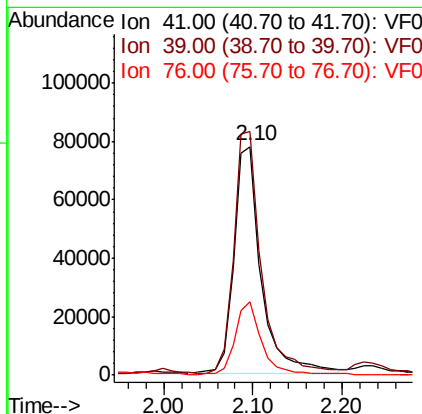
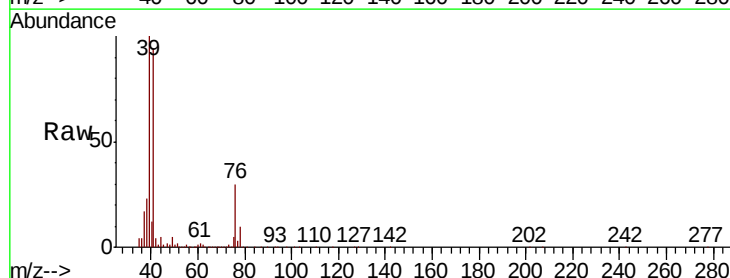
Tgt Ion: 41 Resp: 164254

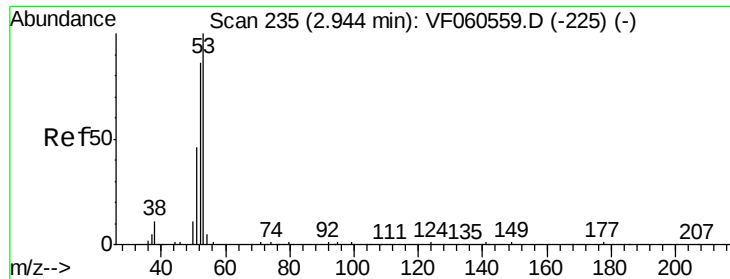
Ion Ratio Lower Upper

41 100

39 106.5 82.6 124.0

76 32.0 26.7 40.1





#15

Acrylonitrile

Concen: 198.826 ug/l

RT: 2.94 min Scan# 234

Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

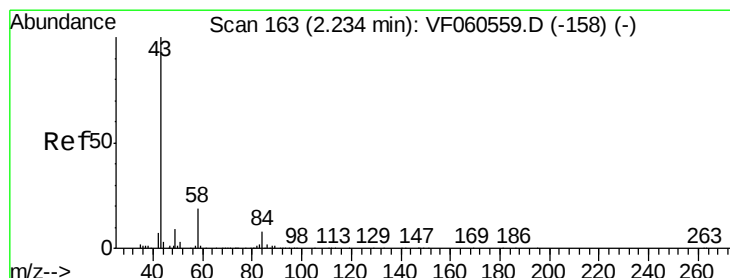
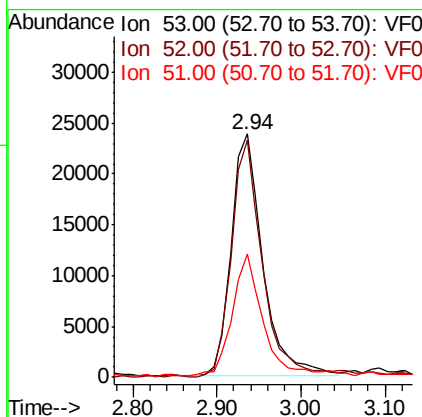
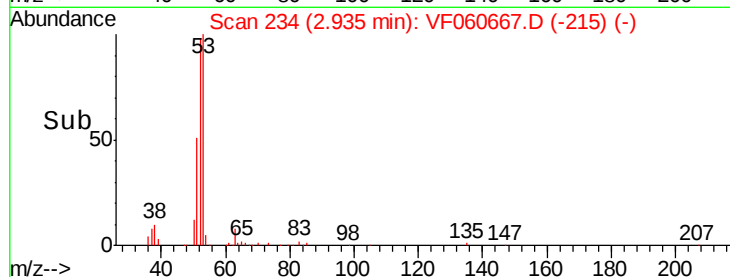
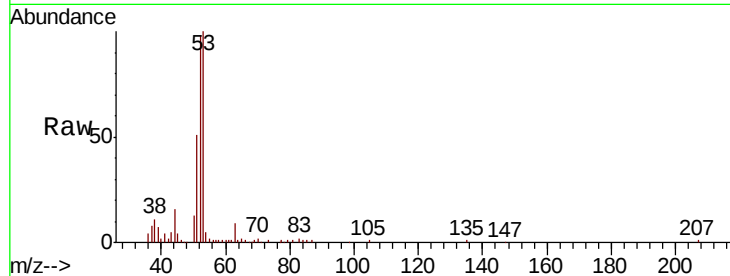
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	61990
Ion	Ratio	Lower	Upper
53	100		
52	97.7	68.5	102.7
51	50.8	38.2	57.2

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#16

Acetone

Concen: 285.547 ug/l

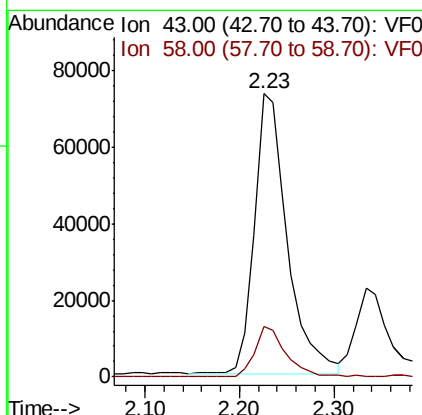
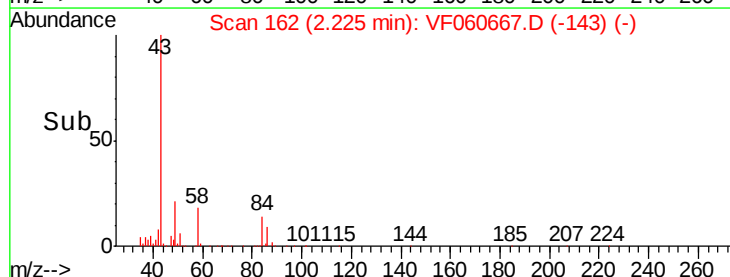
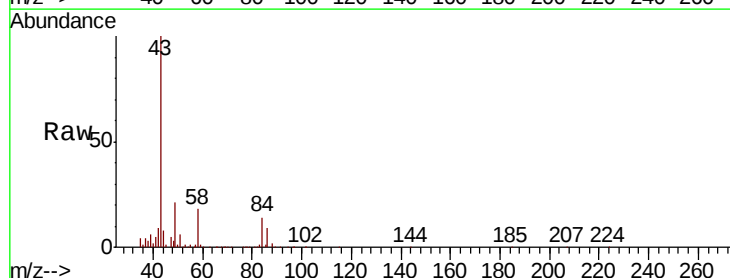
RT: 2.23 min Scan# 162

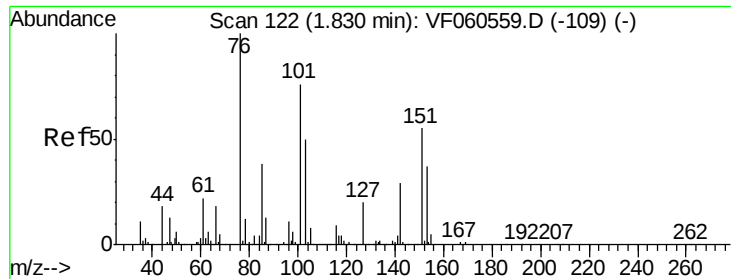
Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Tgt Ion:	43	Resp:	176024
Ion	Ratio	Lower	Upper
43	100		
58	17.9	14.6	22.0





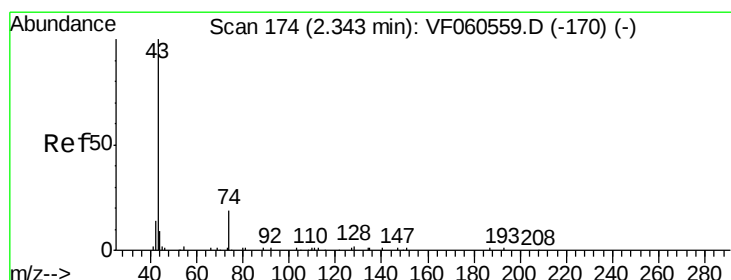
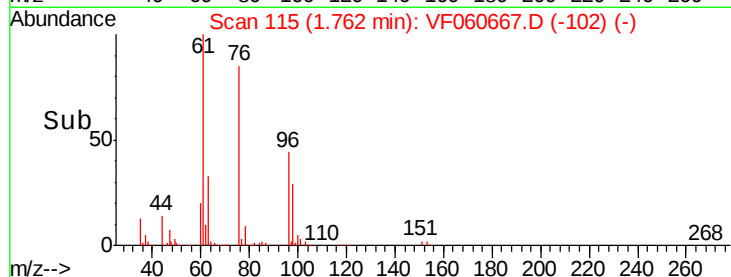
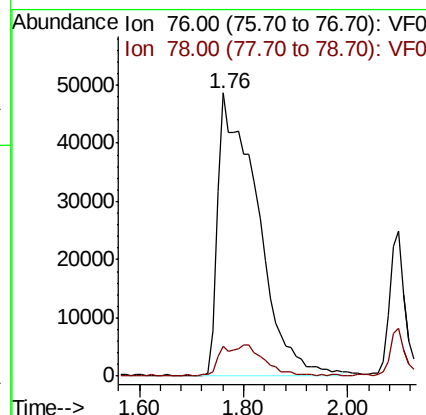
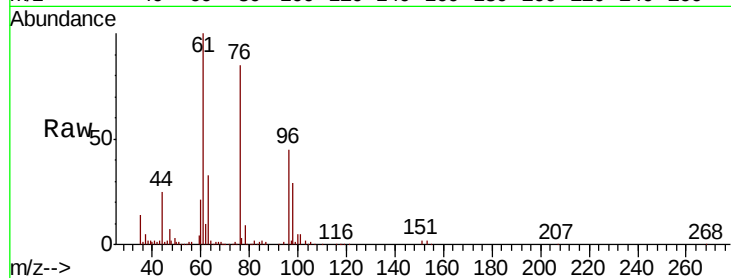
#17
Carbon Disulfide
Concen: 47.693 ug/l
RT: 1.76 min Scan# 115
Delta R.T. -0.07 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.4	9.9	14.9

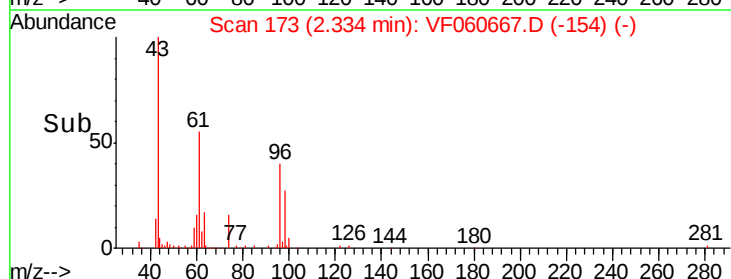
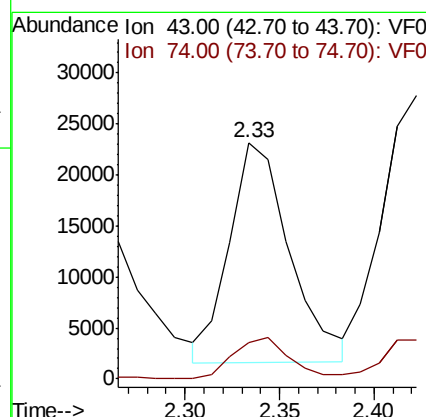
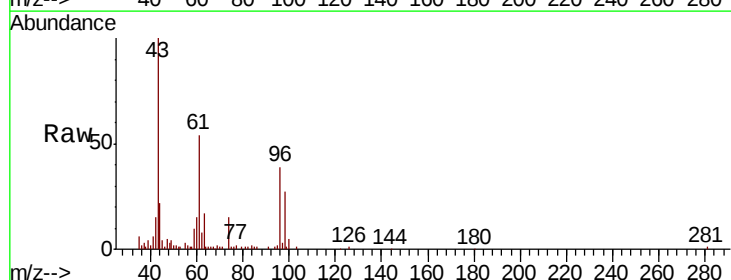
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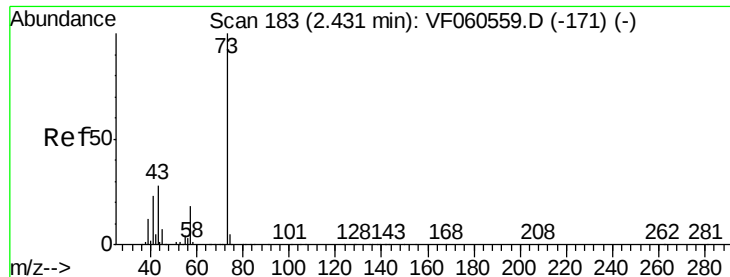
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#18
Methyl Acetate
Concen: 49.743 ug/l
RT: 2.33 min Scan# 173
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	15.3	12.1	18.1





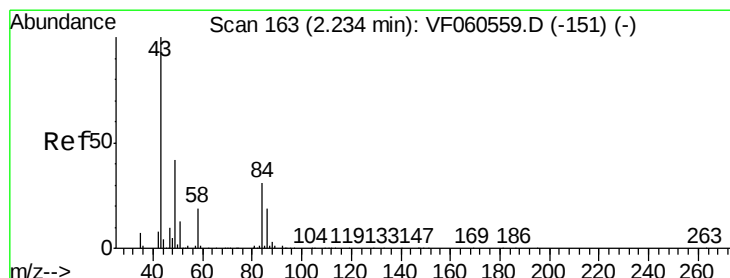
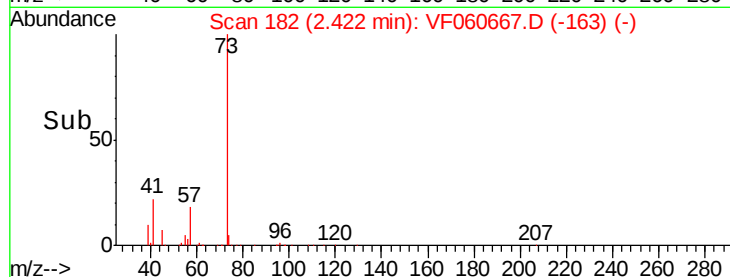
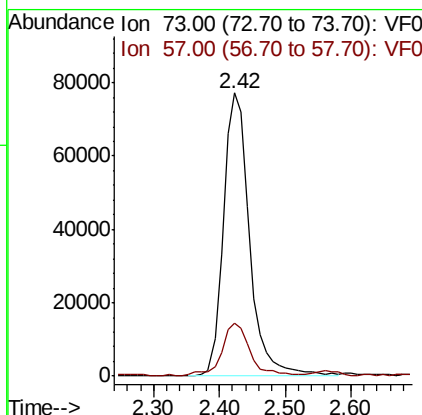
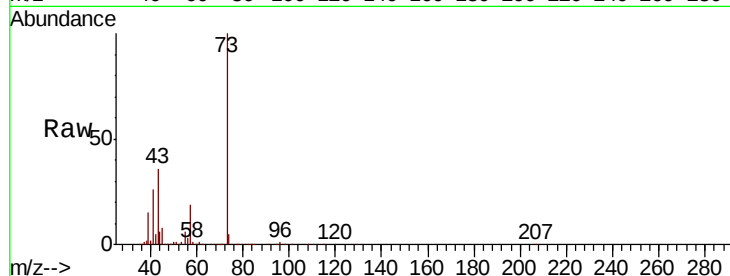
#19
Methvl tert-butvl Ether
Concen: 48.546 ug/l
RT: 2.42 min Scan# 182
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	18.8	15.4	23.0

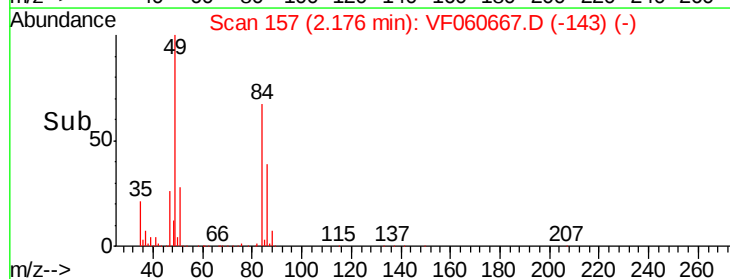
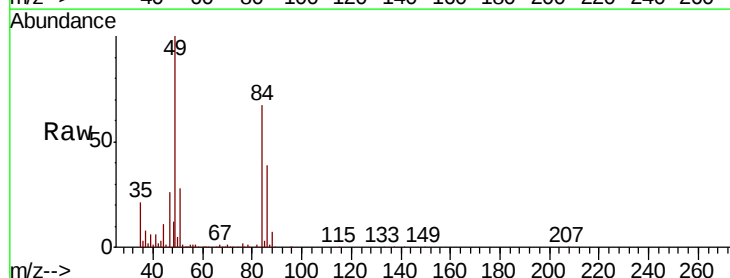
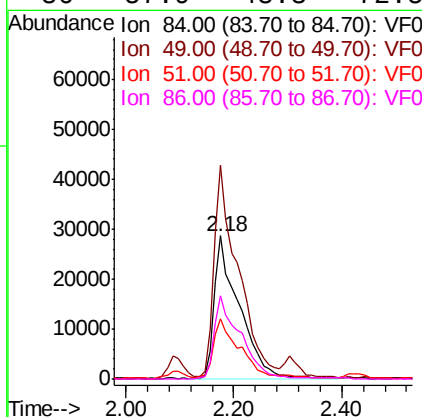
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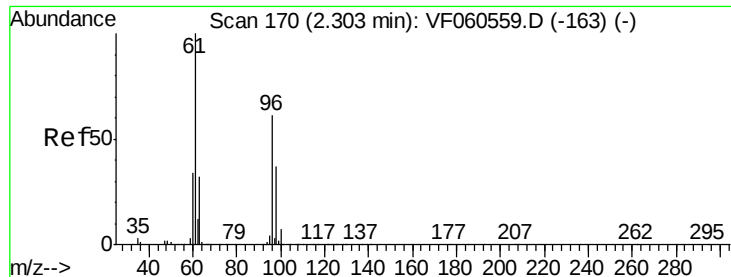
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#20
Methylene Chloride
Concen: 50.960 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.06 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	149.5	109.9	164.9
51	42.1	35.8	53.8
86	57.9	48.3	72.5





#21

trans-1,2-Dichloroethene

Concen: 51.065 ug/l

RT: 2.30 min Scan# 170

Delta R.T. 0.00 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

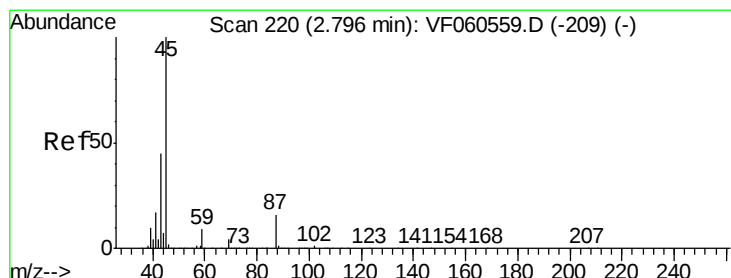
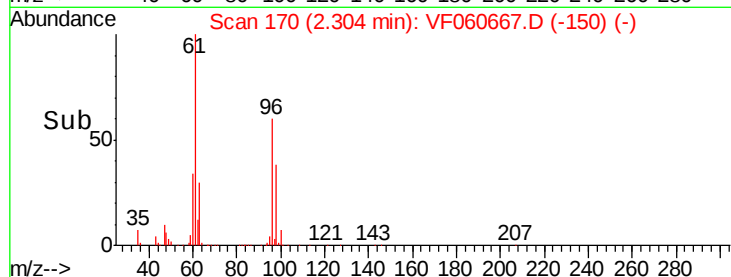
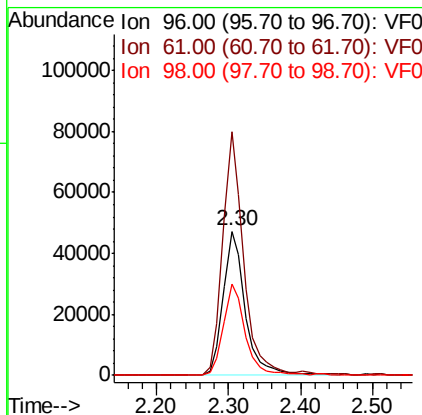
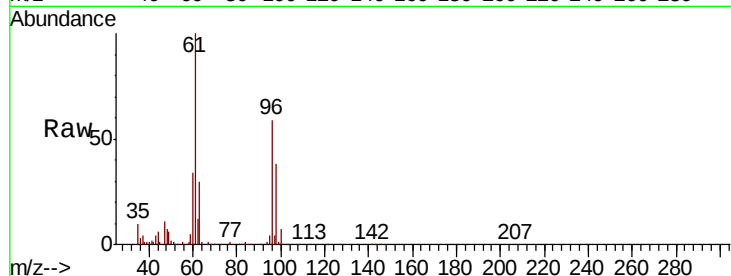
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	100770
Ion	Ratio	Lower	Upper
96	100		
61	168.8	131.3	196.9
98	63.6	48.6	73.0

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#22

Diisopropyl ether

Concen: 50.957 ug/l

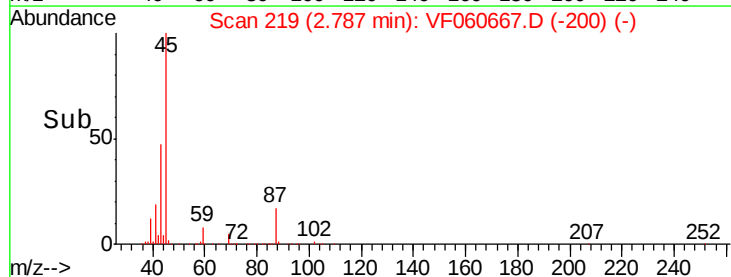
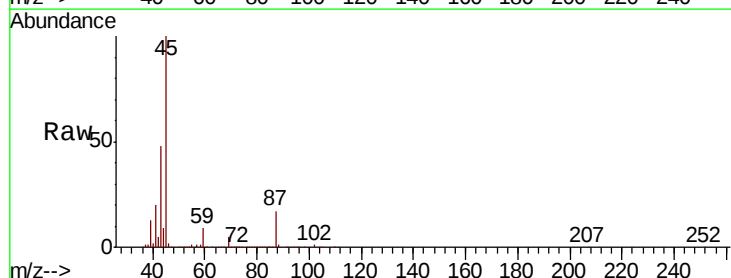
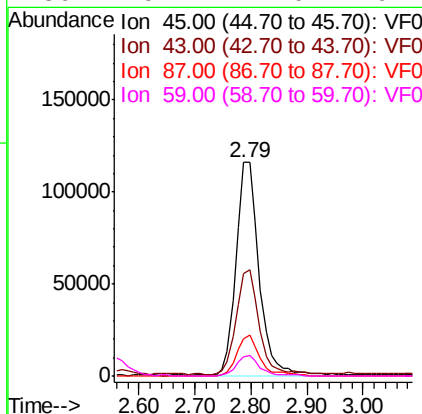
RT: 2.79 min Scan# 219

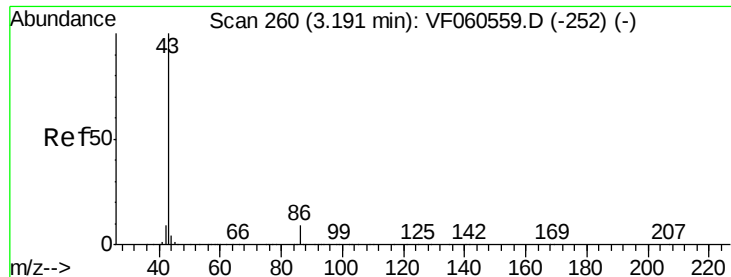
Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Tgt Ion:	45	Resp:	331590
Ion	Ratio	Lower	Upper
45	100		
43	48.2	38.1	57.1
87	17.3	12.7	19.1
59	9.1	7.0	10.4





#23

Vinyl Acetate

Concen: 191.300 ug/l

RT: 3.18 min Scan# 259

Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 747943

Ion Ratio Lower Upper

43 100

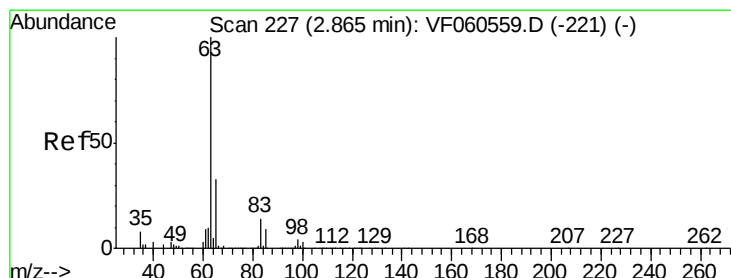
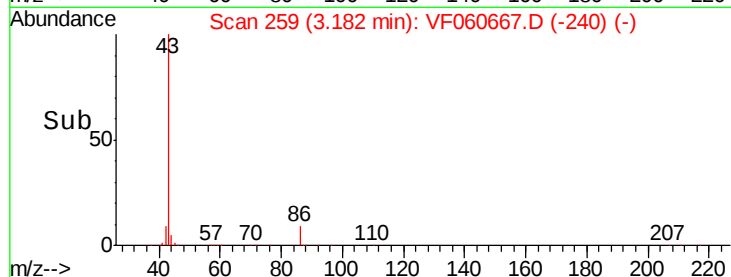
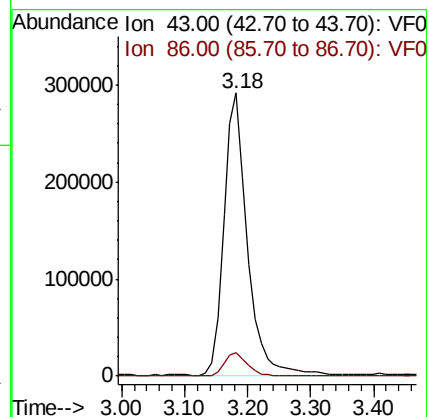
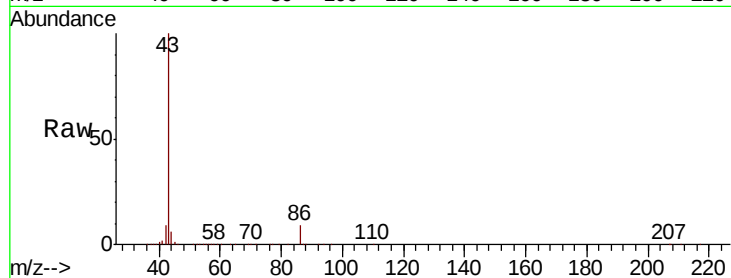
86 8.5 7.1 10.7

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#24

1,1-Dichloroethane

Concen: 50.206 ug/l

RT: 2.87 min Scan# 227

Delta R.T. 0.00 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

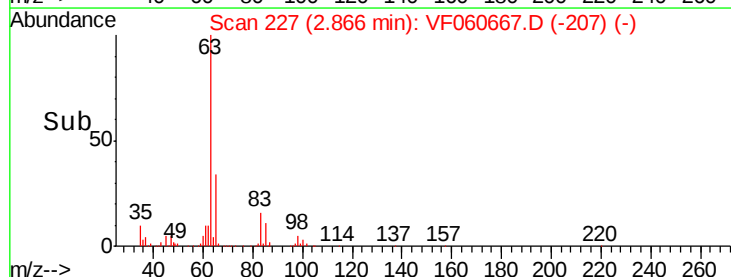
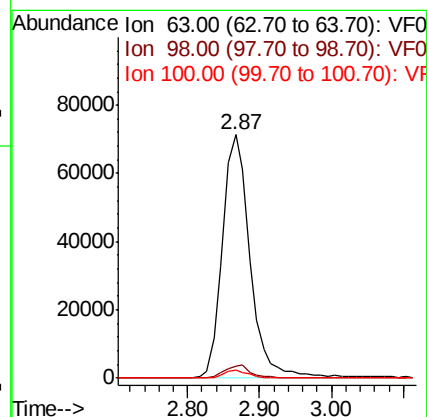
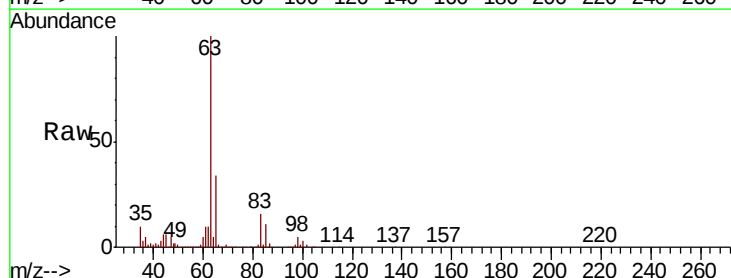
Tgt Ion: 63 Resp: 189076

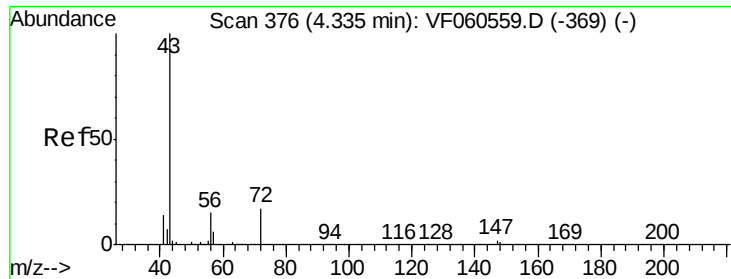
Ion Ratio Lower Upper

63 100

98 4.8 2.2 6.6

100 3.1 1.4 4.0





#25

2-Butanone

Concen: 245.426 ug/l

RT: 4.32 min Scan# 374

Delta R.T. -0.02 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 285232

Ion Ratio Lower Upper

43 100

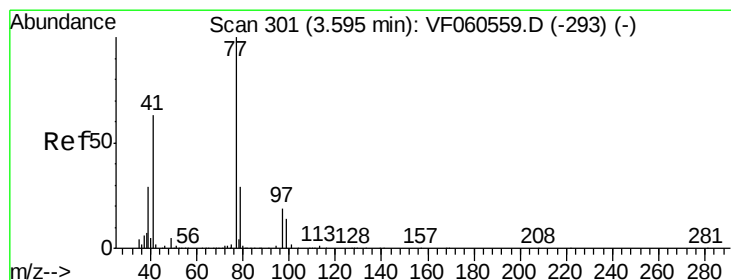
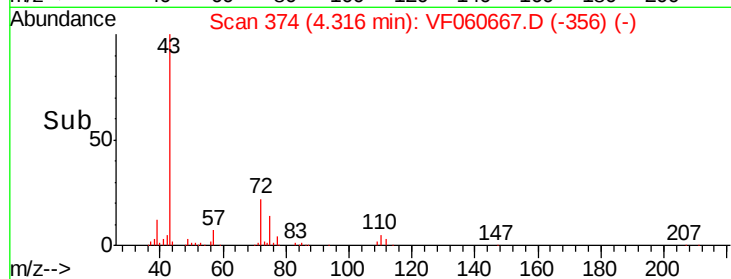
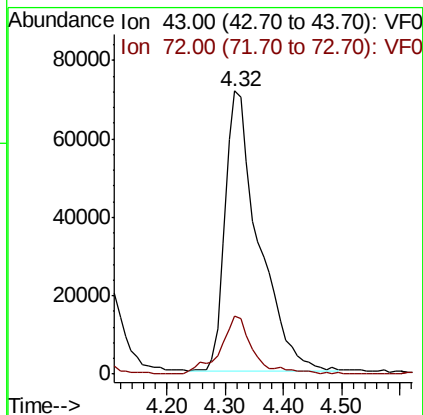
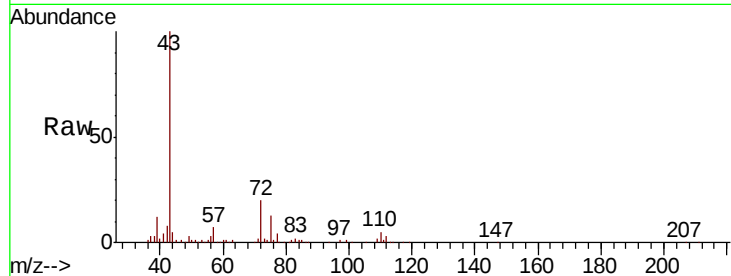
72 20.4 16.2 24.2

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#26

2,2-Dichloropropane

Concen: 59.627 ug/l

RT: 3.60 min Scan# 301

Delta R.T. 0.00 min

Lab File: VF060667.D

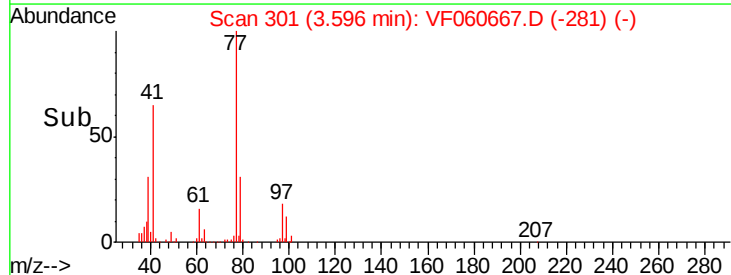
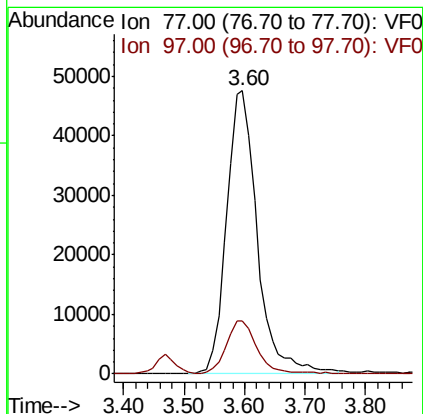
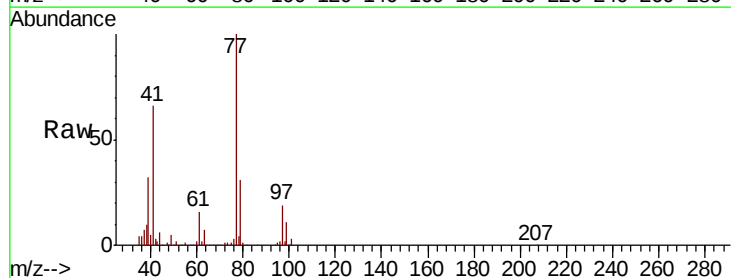
Acq: 9 Nov 2018 11:28

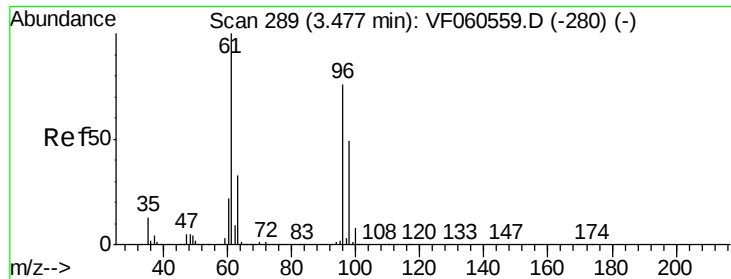
Tgt Ion: 77 Resp: 168023

Ion Ratio Lower Upper

77 100

97 18.5 9.8 29.3





#27

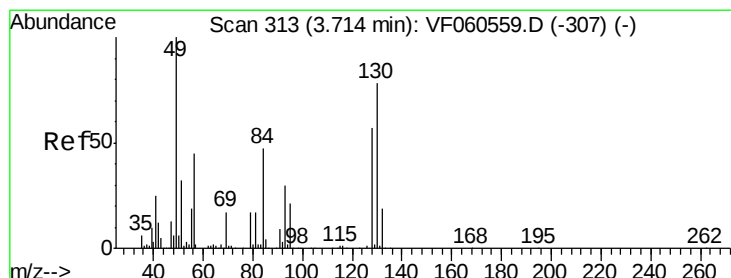
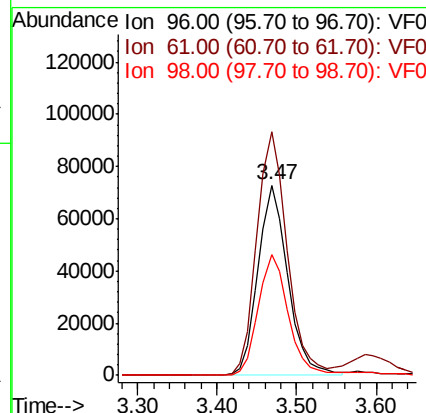
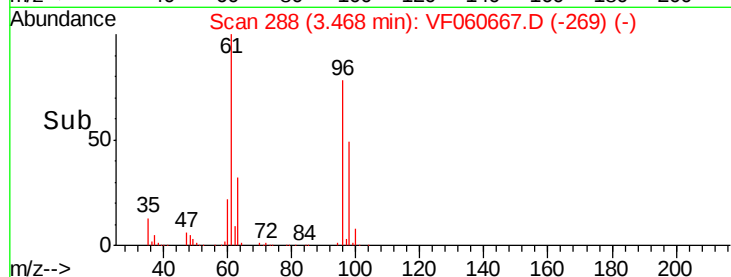
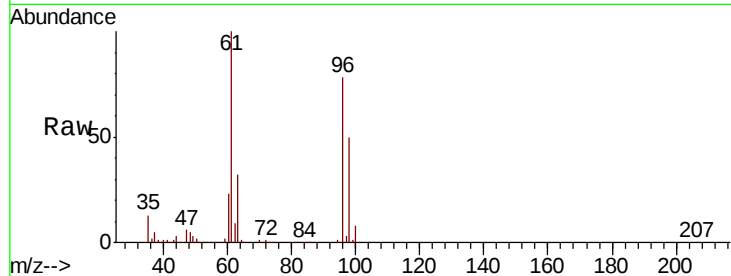
cis-1,2-Dichloroethene
Concen: 50.189 ug/l
RT: 3.47 min Scan# 288
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	189070		
61	127.9	0.0	263.0	
98	63.3	0.0	130.6	

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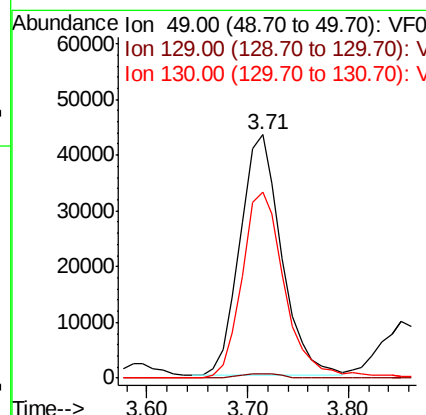
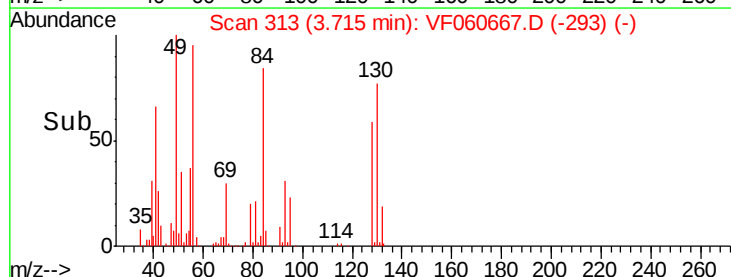
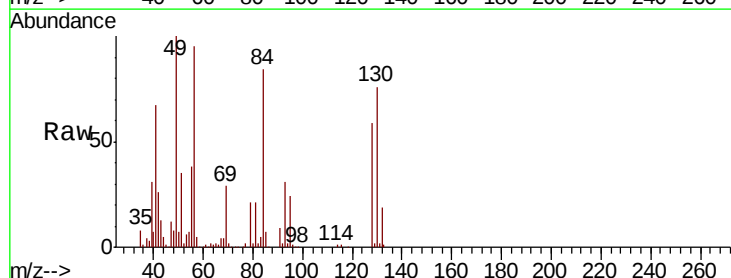
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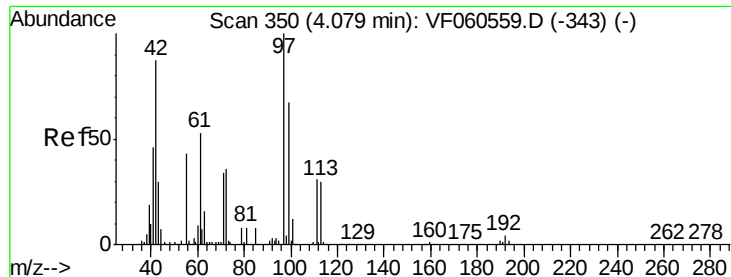


#28

Bromochloromethane
Concen: 52.544 ug/l
RT: 3.71 min Scan# 313
Delta R.T. 0.00 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	124182		
129	1.9	0.0	4.6	
130	76.4	61.8	92.8	





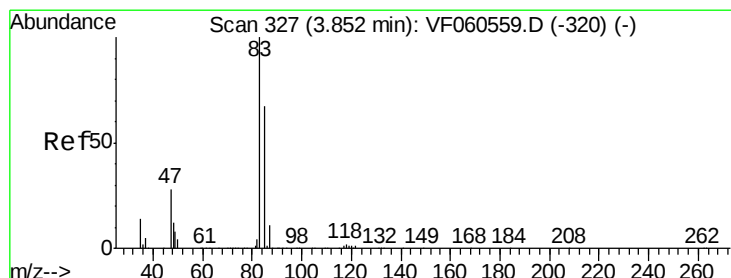
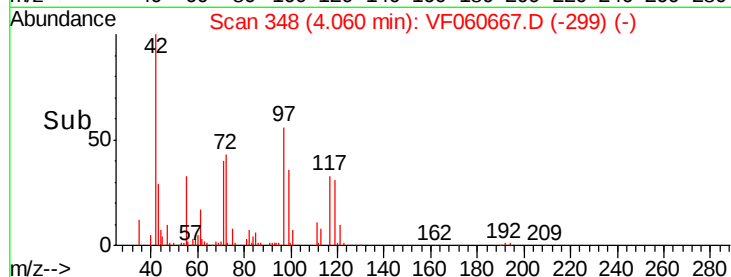
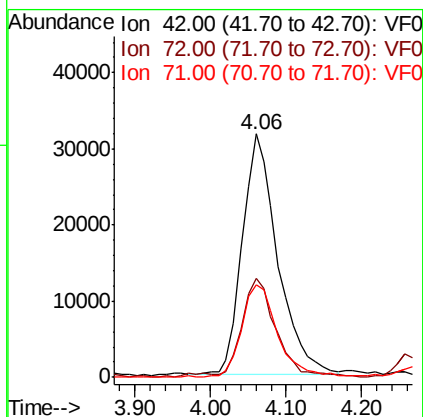
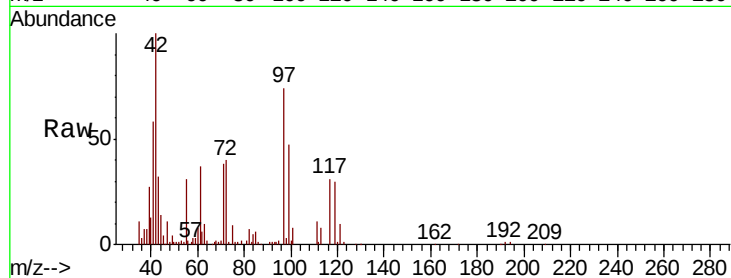
#29
Tetrahydrofuran
Concen: 224.744 ug/l
RT: 4.06 min Scan# 348
Delta R.T. -0.02 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	103017
Ion Ratio		Lower	Upper
42	100		
72	38.3	31.4	47.0
71	39.0	31.8	47.6

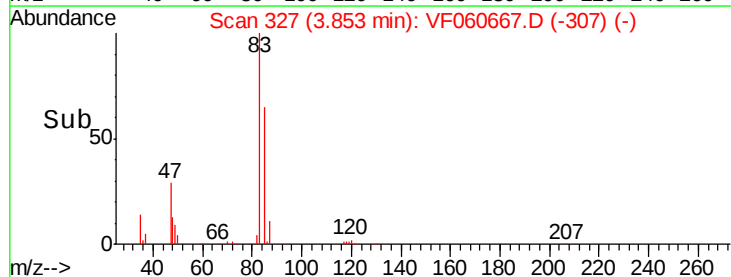
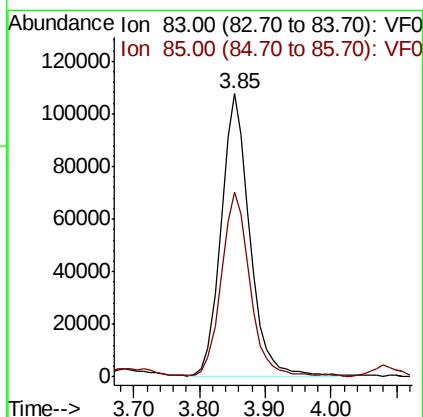
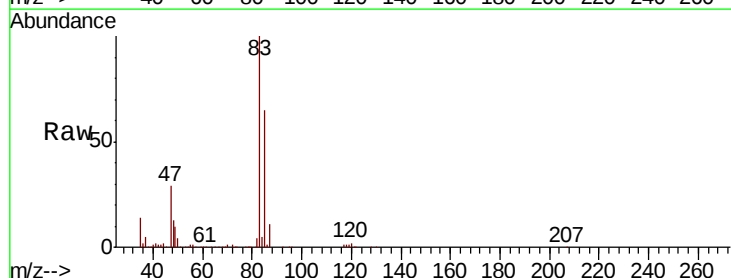
Manual Integrations
APPROVED

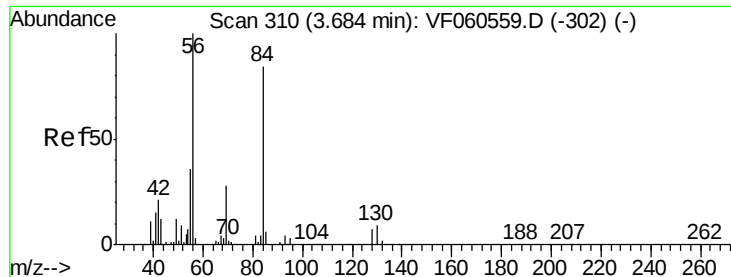
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#30
Chloroform
Concen: 54.174 ug/l
RT: 3.85 min Scan# 327
Delta R.T. 0.00 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Tgt Ion:	83	Resp:	322780
Ion Ratio		Lower	Upper
83	100		
85	65.5	53.7	80.5





#31

Cyclohexane

Concen: 50.131 ug/l

RT: 3.69 min Scan# 310

Delta R.T. 0.00 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

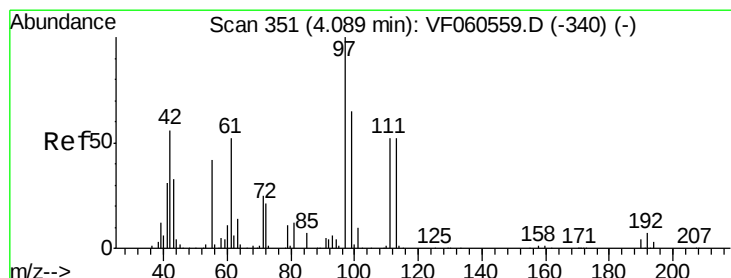
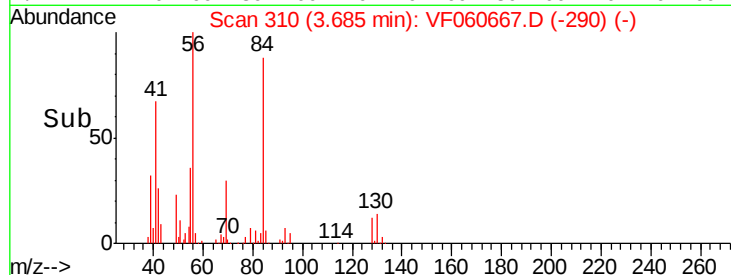
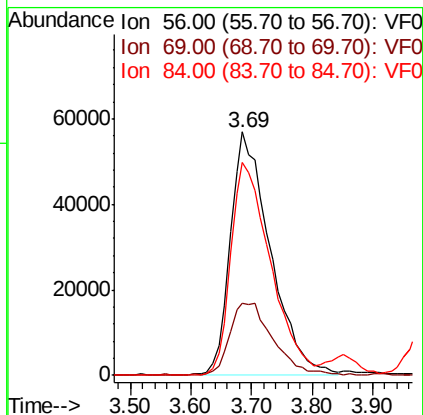
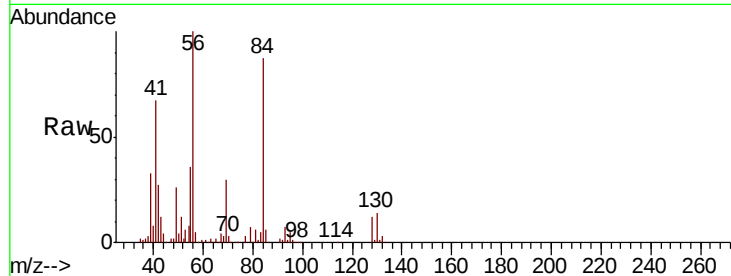
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	260534
Ion Ratio	Lower	Upper	
56	100		
69	29.9	23.0	34.4
84	87.4	67.1	100.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 59.708 ug/l

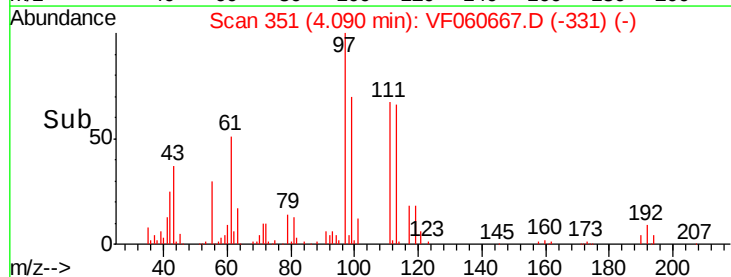
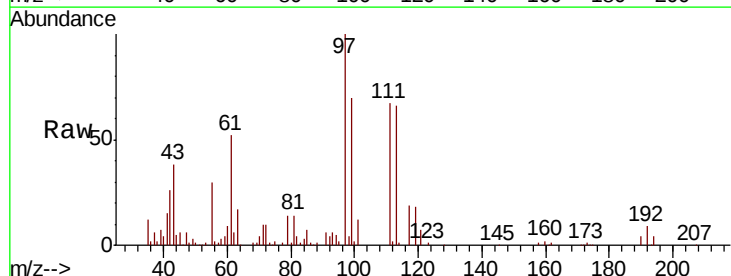
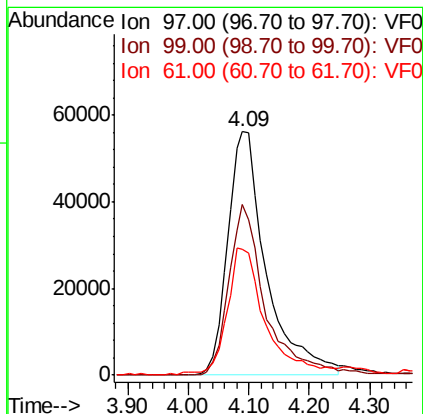
RT: 4.09 min Scan# 351

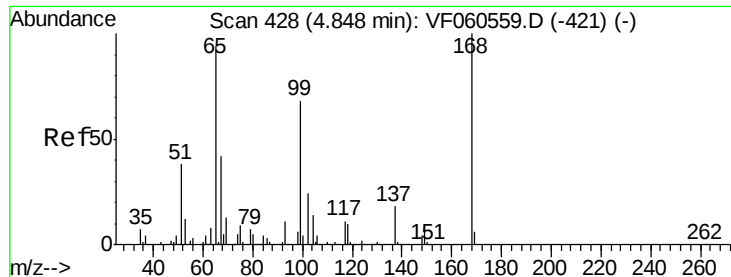
Delta R.T. 0.00 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Tgt Ion:	97	Resp:	248467
Ion Ratio	Lower	Upper	
97	100		
99	70.0	52.4	78.6
61	51.6	41.5	62.3





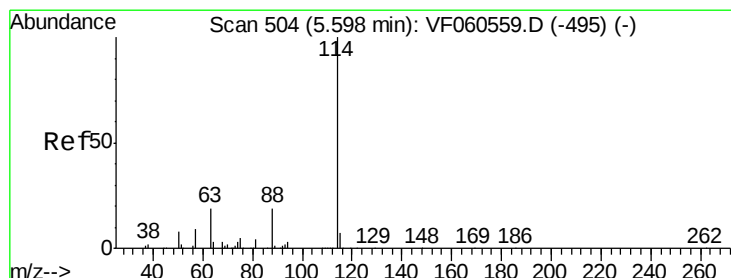
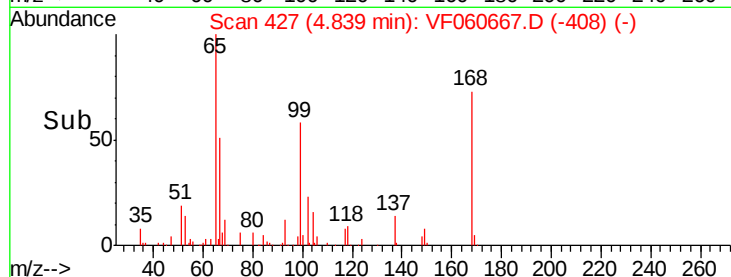
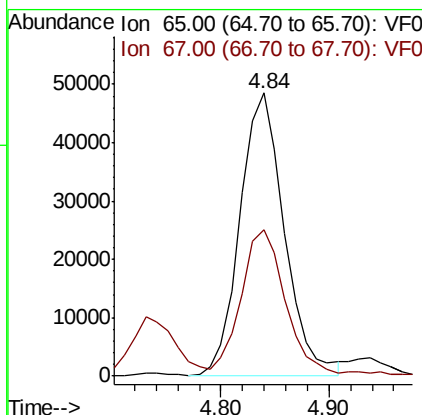
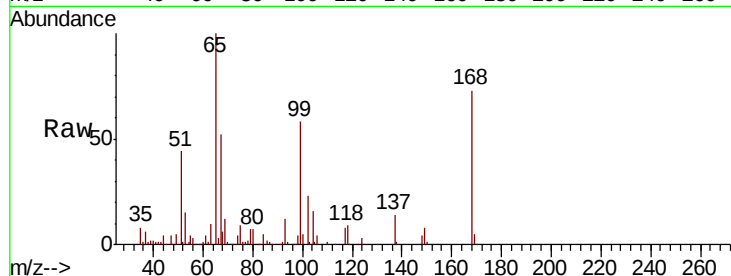
#33
 1,2-Dichloroethane-d4
 Concen: 52.843 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: VF060667.D
 Acq: 9 Nov 2018 11:28

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	101.8

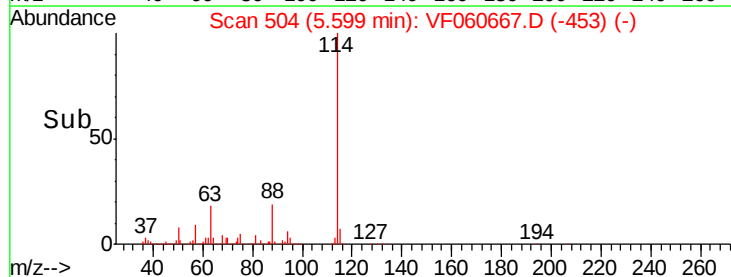
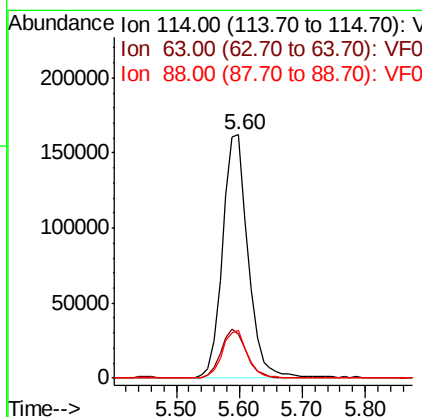
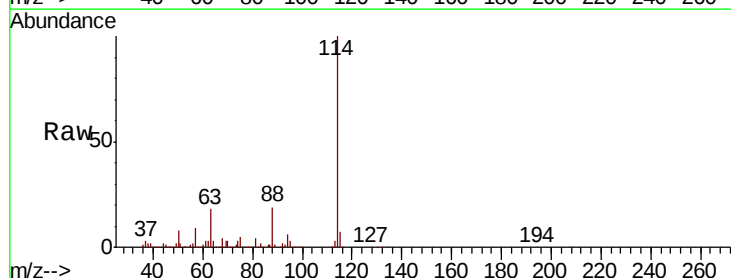
Manual Integrations
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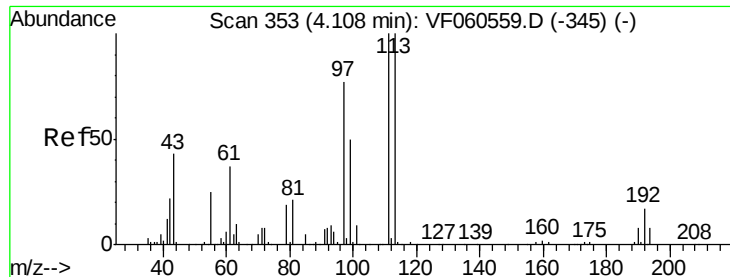
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: VF060667.D
 Acq: 9 Nov 2018 11:28

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	39.0
88	19.5	0.0	38.2





#35

Dibromofluoromethane

Concen: 45.572 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.00 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

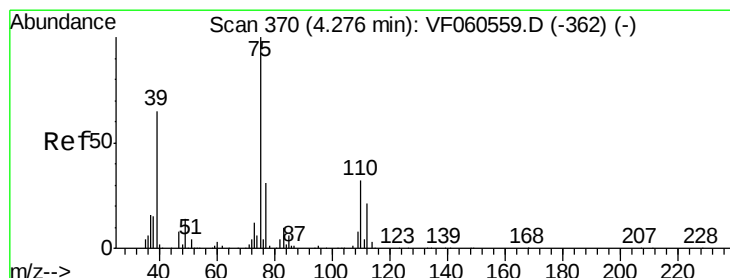
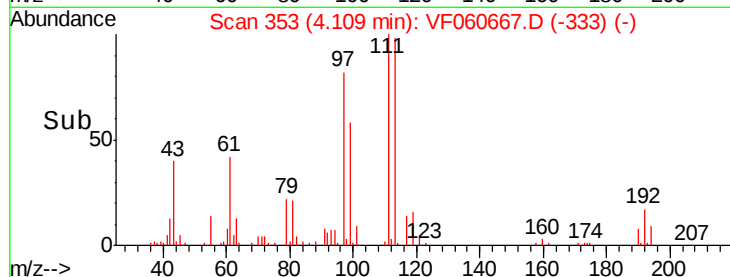
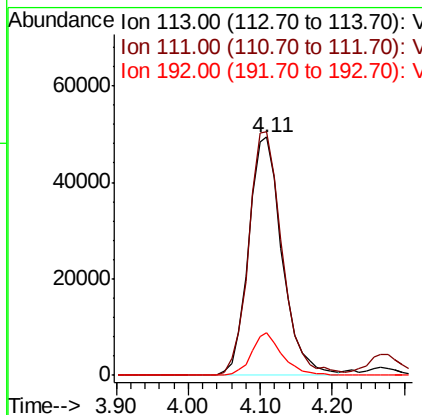
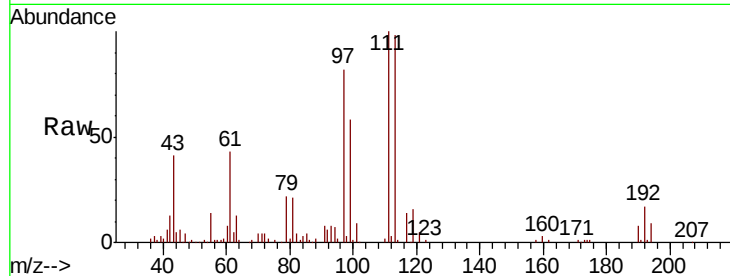
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	160699
Ion Ratio	Lower	Upper	
113	100		
111	102.2	79.9	119.9
192	17.9	13.3	19.9

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#36

1,1-Dichloropropene

Concen: 48.345 ug/l

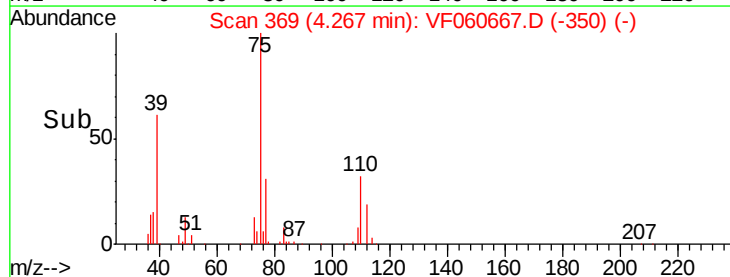
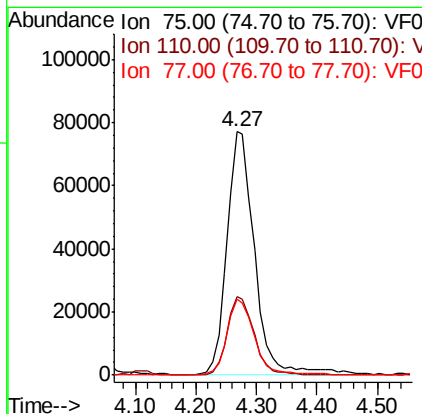
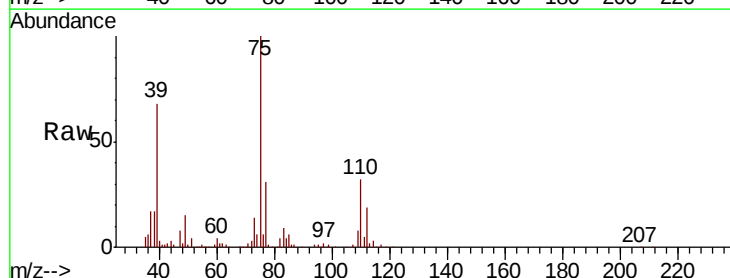
RT: 4.27 min Scan# 369

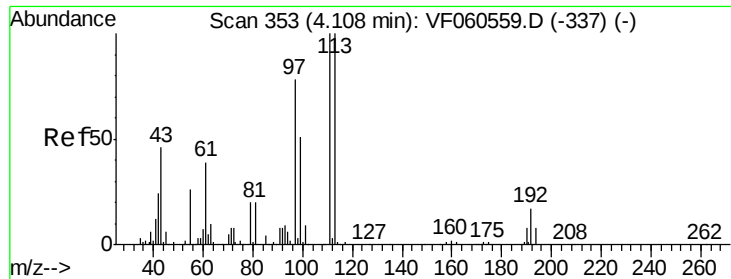
Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Tgt Ion:	75	Resp:	242953
Ion Ratio	Lower	Upper	
75	100		
110	32.1	16.2	48.6
77	31.1	25.0	37.6





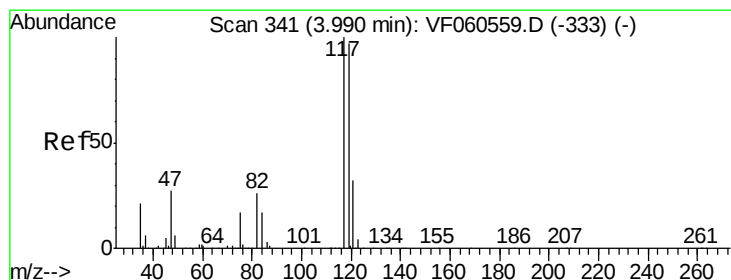
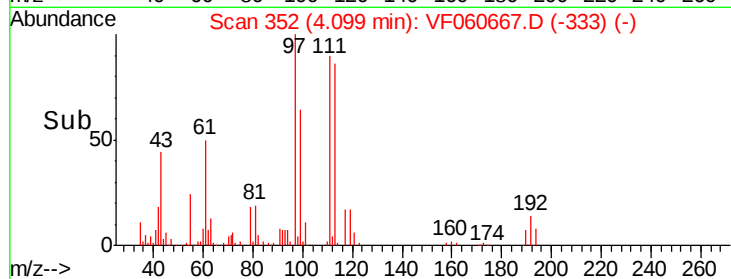
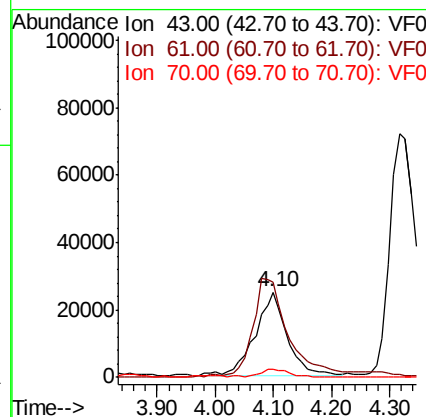
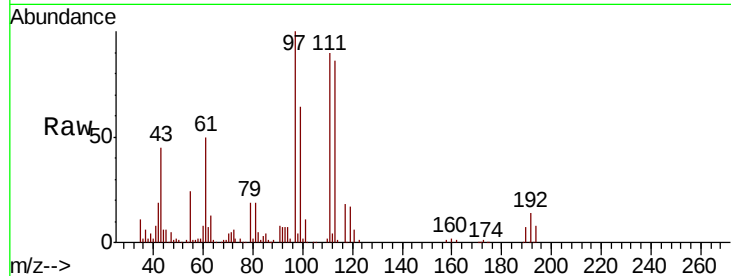
#37
Ethyl Acetate
Concen: 39.548 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	111.1	63.4	95.2#
70	8.9	9.3	13.9#

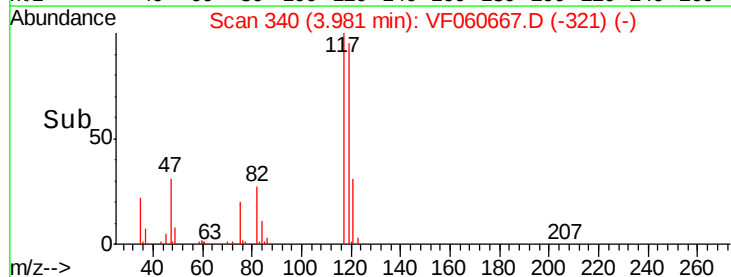
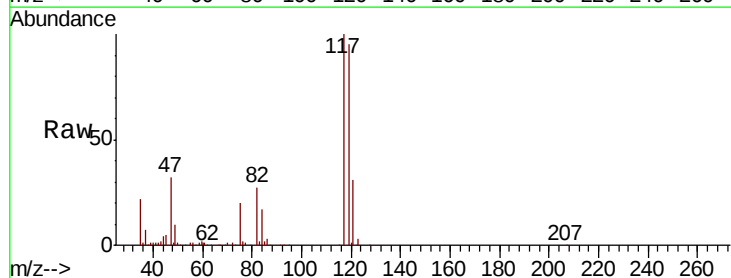
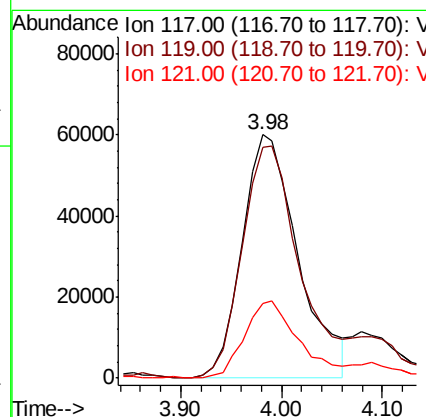
Manual Integrations
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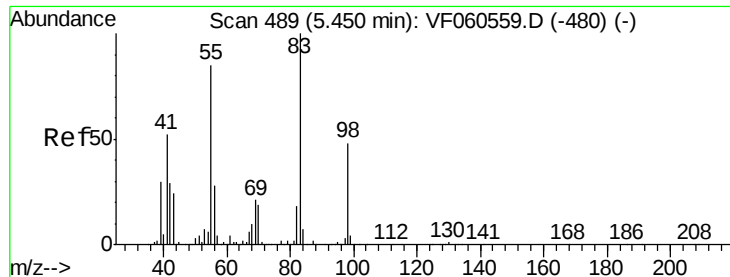
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#38
Carbon Tetrachloride
Concen: 53.866 ug/l
RT: 3.98 min Scan# 340
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.8	116.6
121	30.9	25.6	38.4





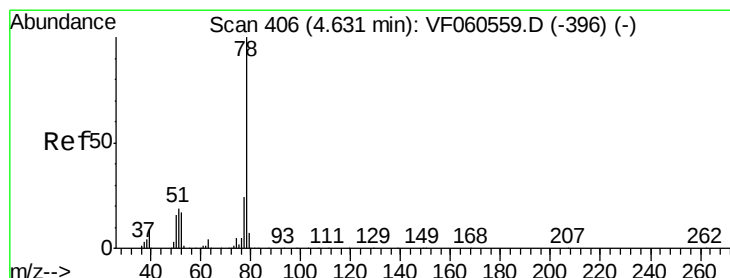
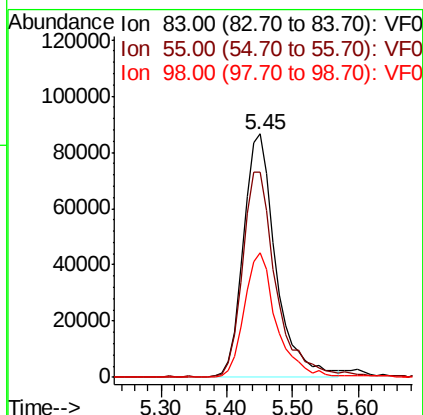
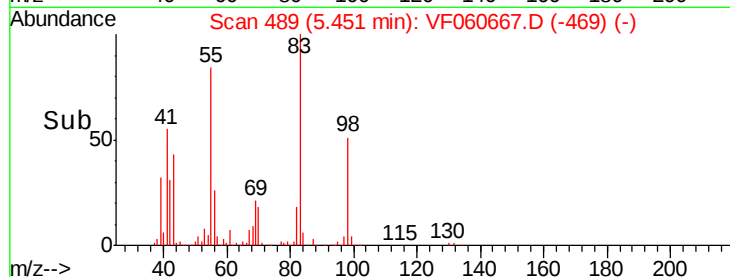
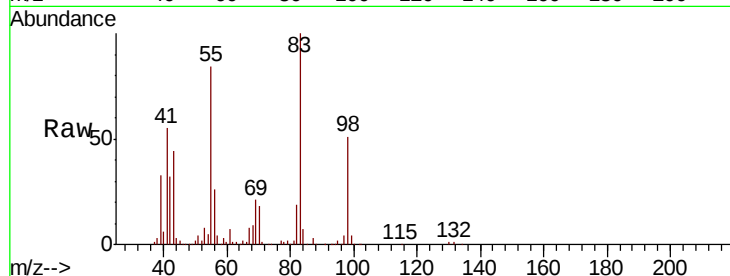
#39
Methvlcvclohexane
Concen: 49.032 ug/l
RT: 5.45 min Scan# 489
Delta R.T. 0.00 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.2	69.1	103.7
98	51.2	38.6	57.8

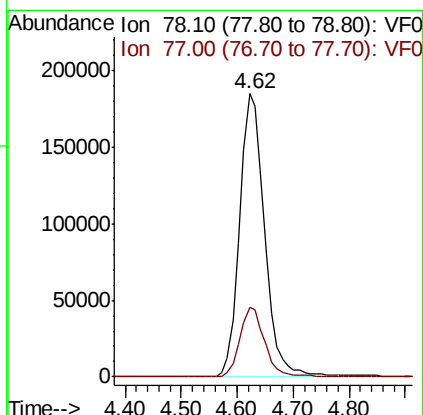
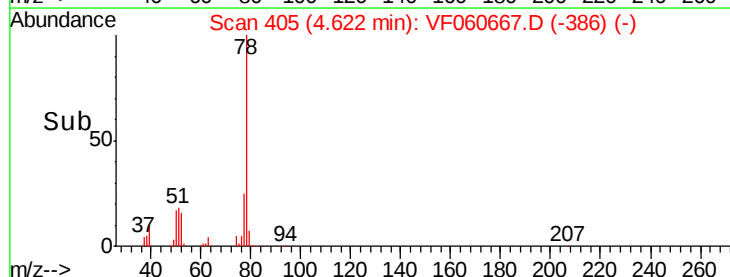
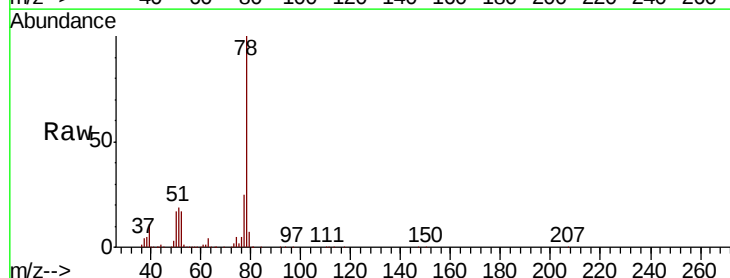
Manual Integrations
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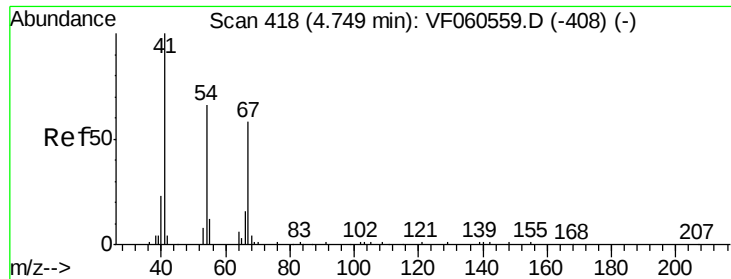
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#40
Benzene
Concen: 46.846 ug/l
RT: 4.62 min Scan# 405
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9





#41

Methacrylonitrile

Concen: 41.138 ug/l

RT: 4.73 min Scan# 416

Delta R.T. -0.02 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

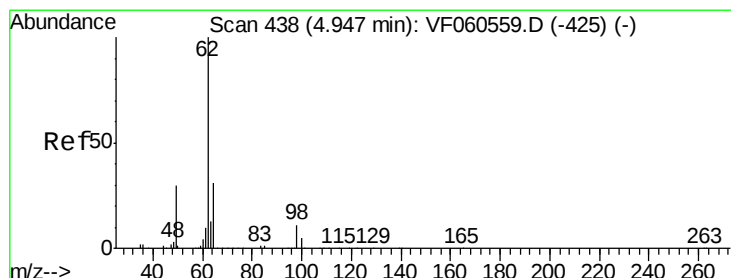
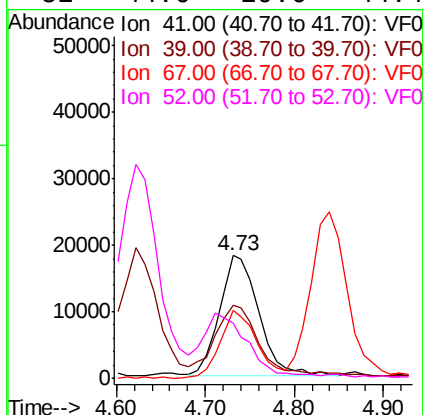
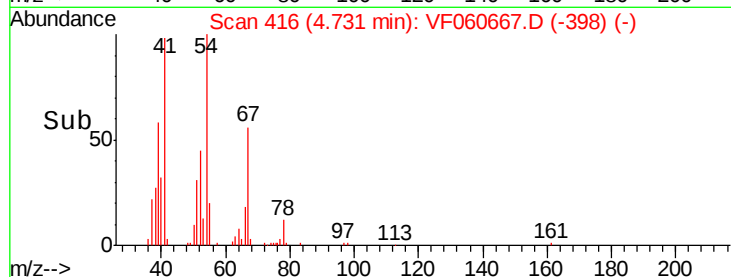
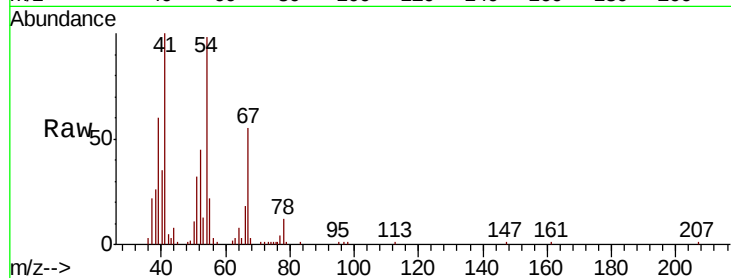
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56201	41	100		
	39	59.7	45.6	68.4
	67	55.3	45.3	67.9
	52	44.6	29.6	44.4

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.742 ug/l

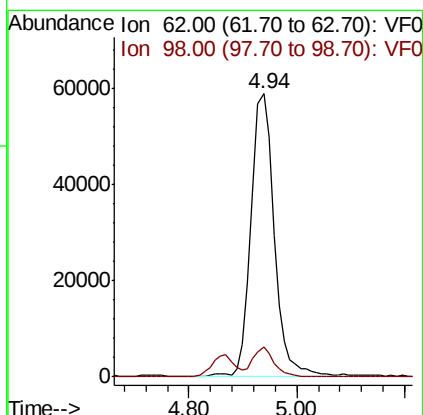
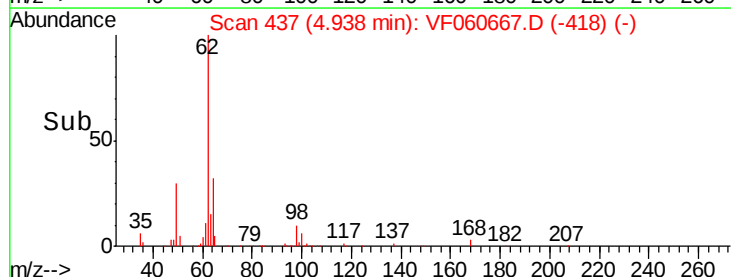
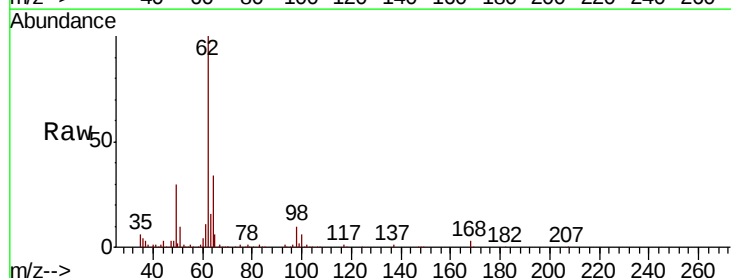
RT: 4.94 min Scan# 437

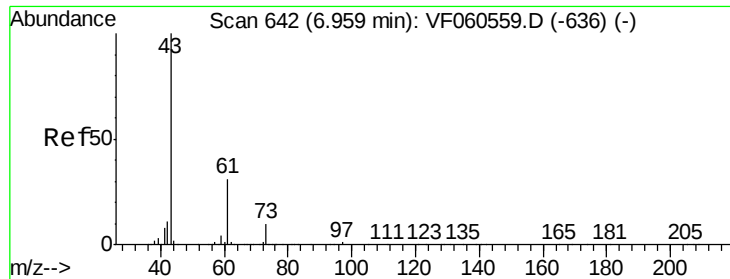
Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Tgt Ion	Ion	Ratio	Lower	Upper
177653	62	100		
	98	10.4	0.0	22.4





#43

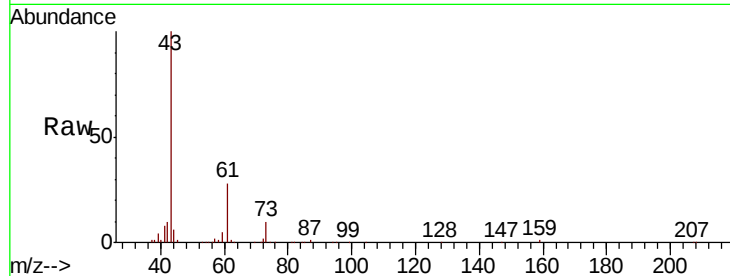
Isopropyl Acetate
 Concen: 44.356 ug/l
 RT: 6.95 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: VF060667.D
 Acq: 9 Nov 2018 11:28

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

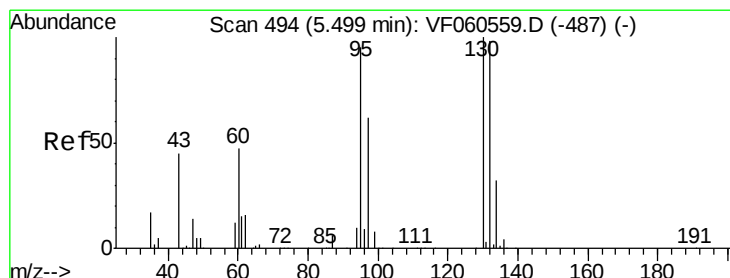
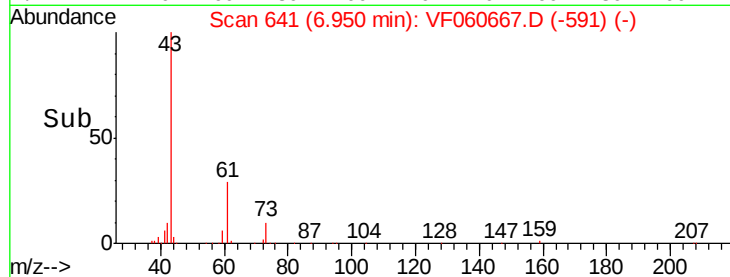
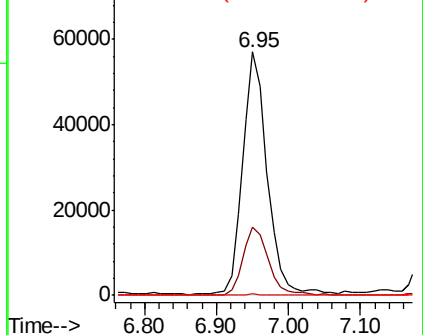
Tot Ion	Ratio	Lower	Upper
43	100		
61	28.0	24.2	36.2
87	0.6	0.2	0.4

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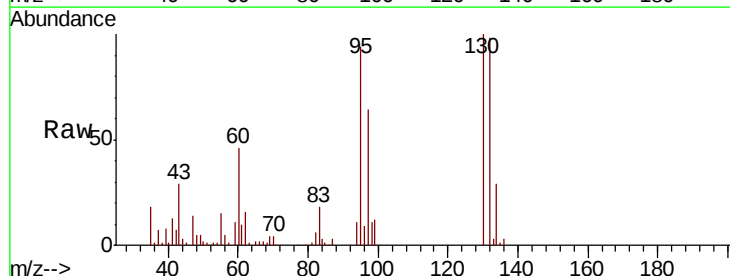
Abundance Ion 43.00 (42.70 to 43.70): VF0
 Ion 61.00 (60.70 to 61.70): VF0
 Ion 87.00 (86.70 to 87.70): VF0



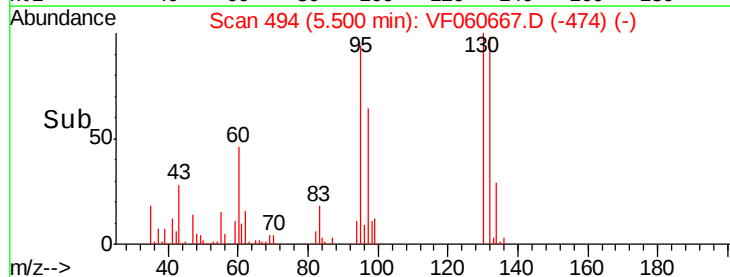
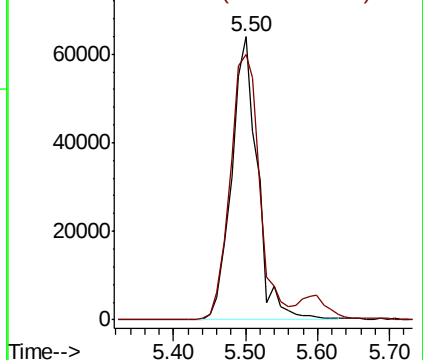
#44

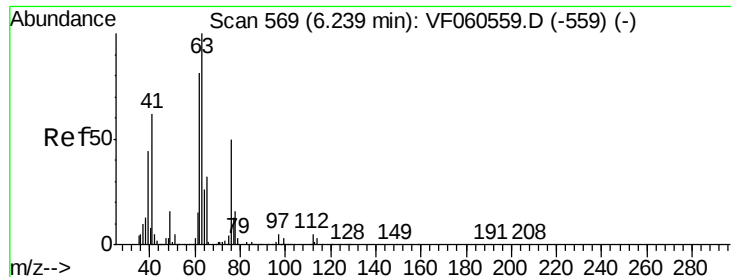
Trichloroethene
 Concen: 43.599 ug/l
 RT: 5.50 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VF060667.D
 Acq: 9 Nov 2018 11:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	191.0



Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 50.020 ug/l

RT: 6.23 min Scan# 568

Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 156052

Ion Ratio Lower Upper

63 100

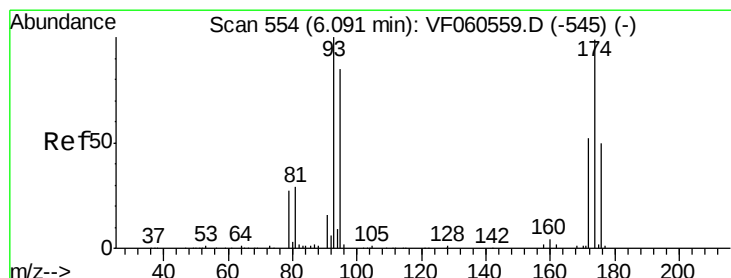
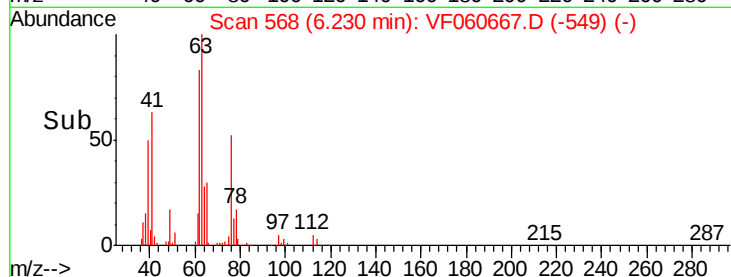
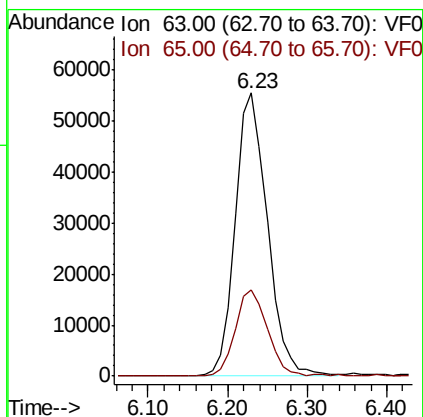
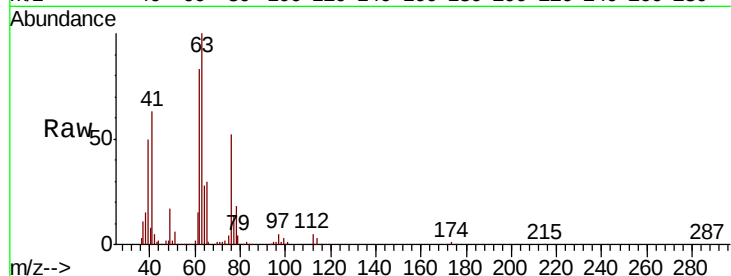
65 30.3 25.4 38.0

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#46

Dibromomethane

Concen: 46.330 ug/l

RT: 6.08 min Scan# 553

Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

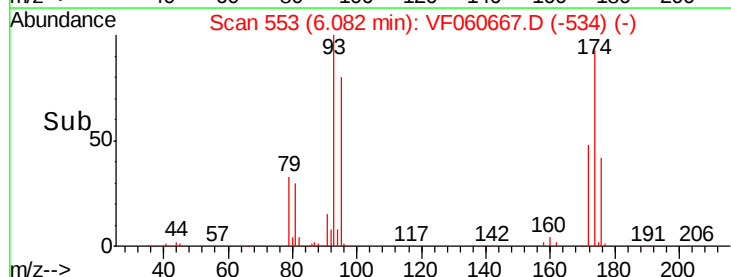
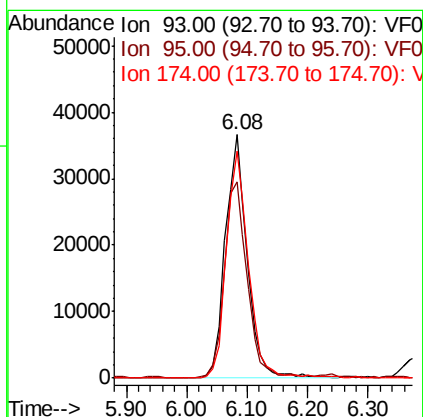
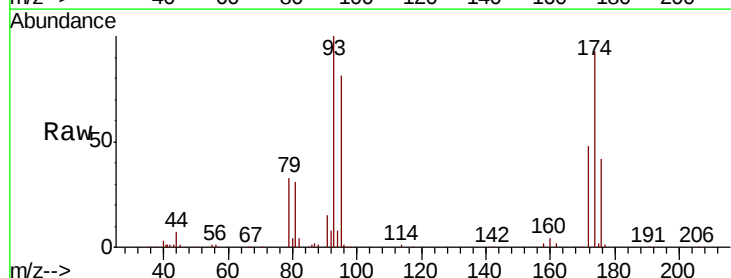
Tgt Ion: 93 Resp: 91698

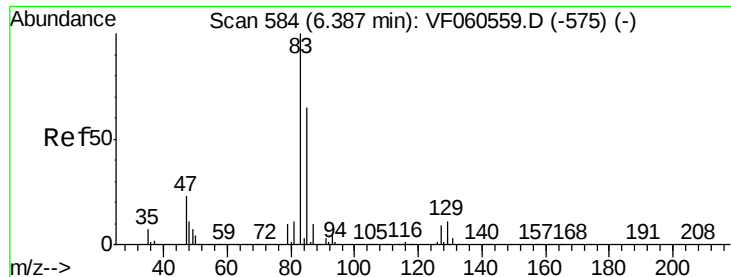
Ion Ratio Lower Upper

93 100

95 80.6 68.6 102.8

174 93.1 79.0 118.4





#47

Bromodichloromethane

Concen: 48.531 ug/l

RT: 6.38 min Scan# 583

Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

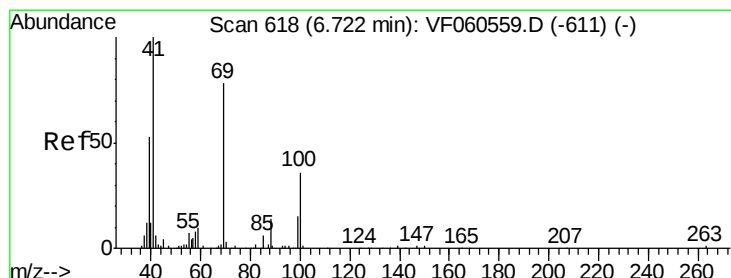
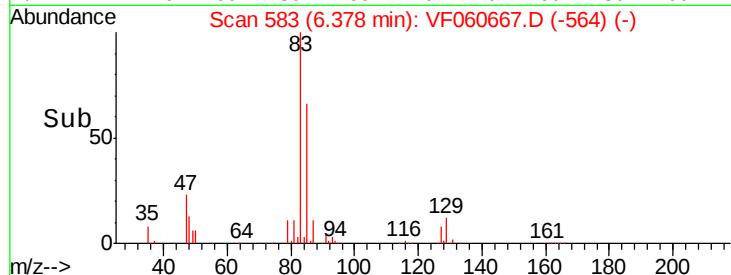
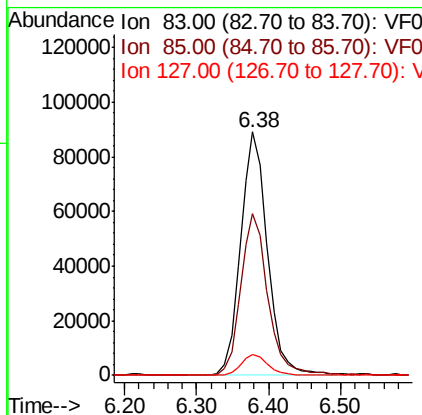
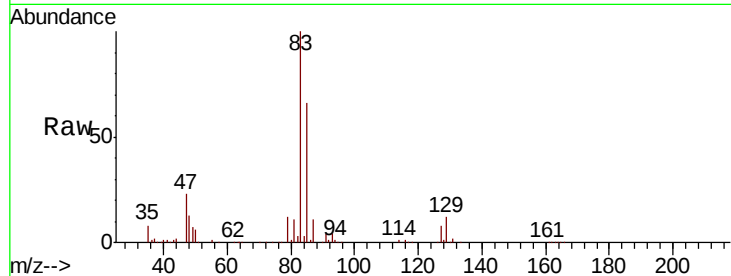
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	231684
Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.8	77.6
127	8.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 45.113 ug/l

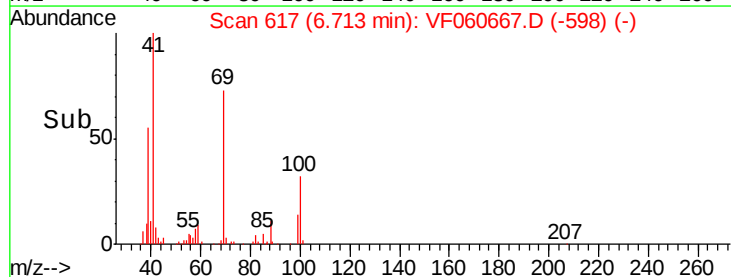
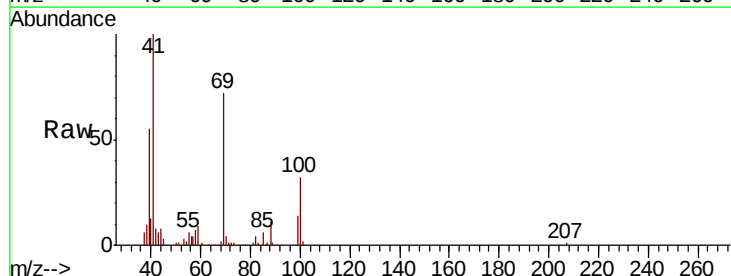
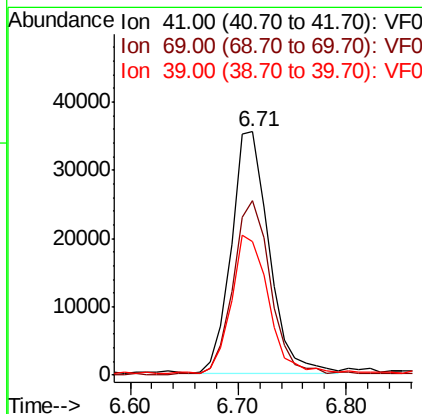
RT: 6.71 min Scan# 617

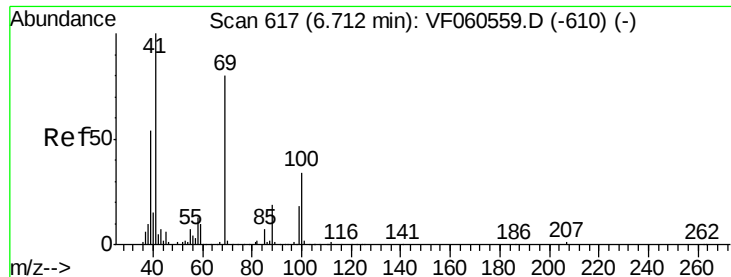
Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Tgt Ion:	41	Resp:	86518
Ion	Ratio	Lower	Upper
41	100		
69	71.7	61.1	91.7
39	55.0	43.0	64.6





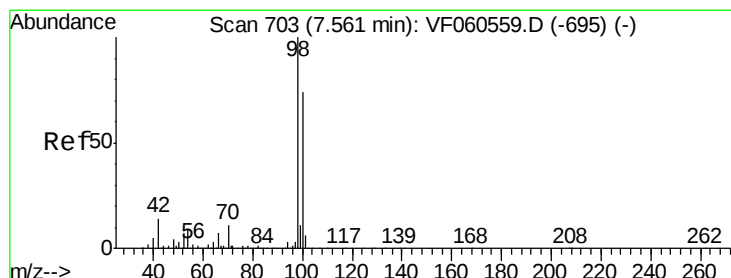
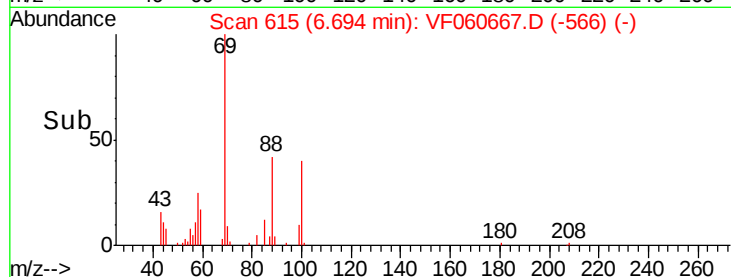
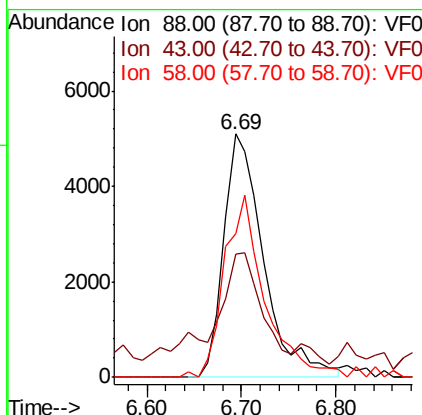
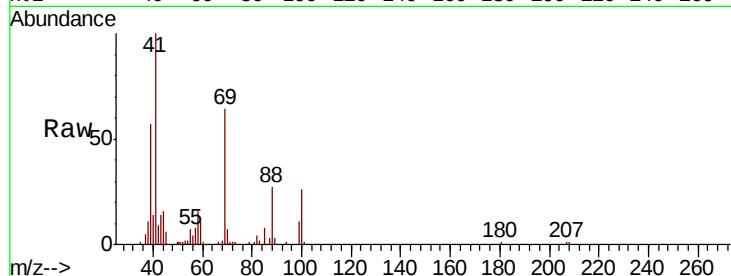
#49
1,4-Dioxane
Concen: 743.888 ug/l
RT: 6.69 min Scan# 615
Delta R.T. -0.02 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	50.8	61.2	91.8#
58	59.0	56.9	85.3

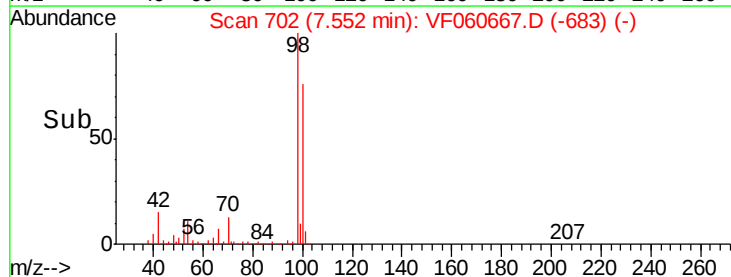
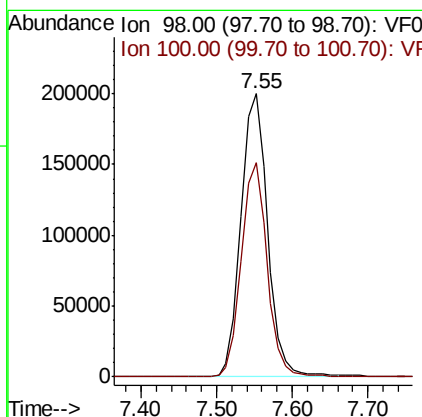
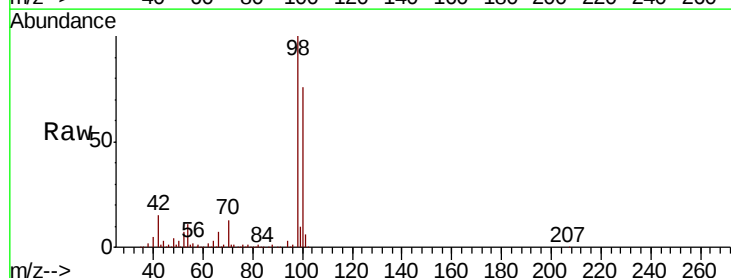
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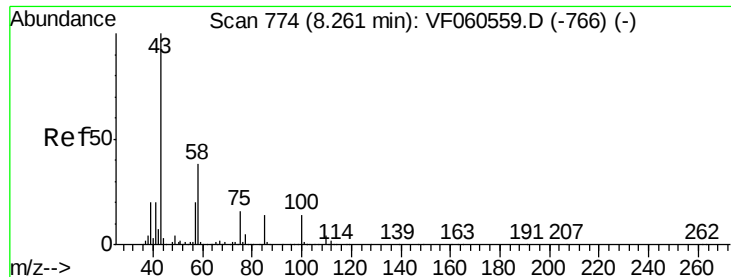
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#50
Toluene-d8
Concen: 46.715 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	75.6	59.4	89.2





#51

4-Methyl-2-Pentanone

Concen: 217.889 ug/l

RT: 8.25 min Scan# 773

Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 447111

Ion Ratio Lower Upper

43 100

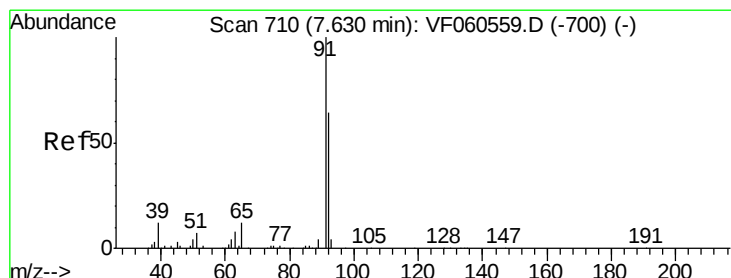
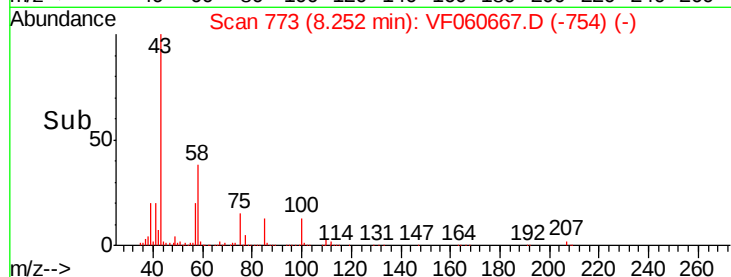
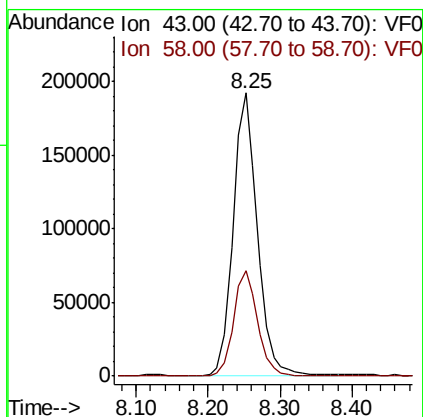
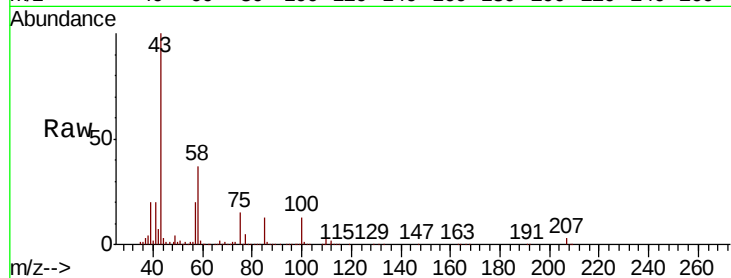
58 37.4 30.1 45.1

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#52

Toluene

Concen: 46.886 ug/l

RT: 7.62 min Scan# 709

Delta R.T. -0.01 min

Lab File: VF060667.D

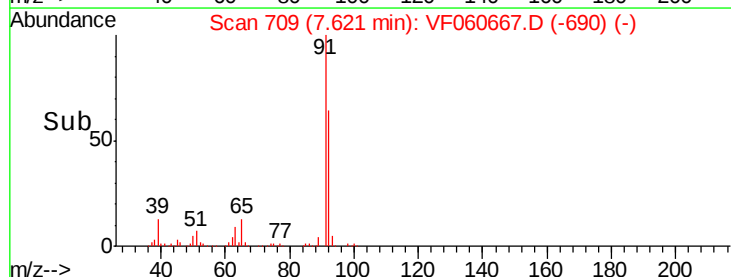
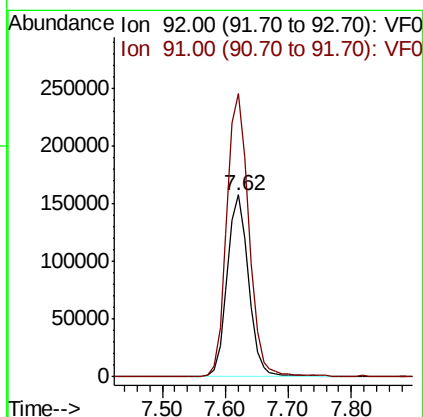
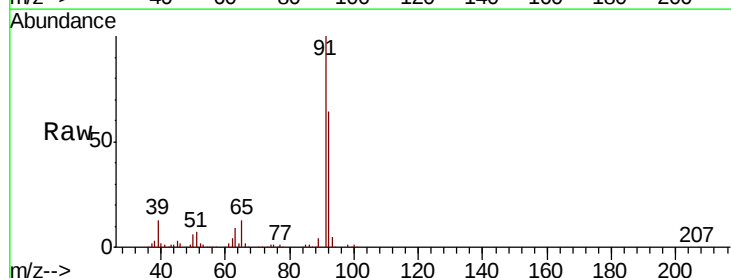
Acq: 9 Nov 2018 11:28

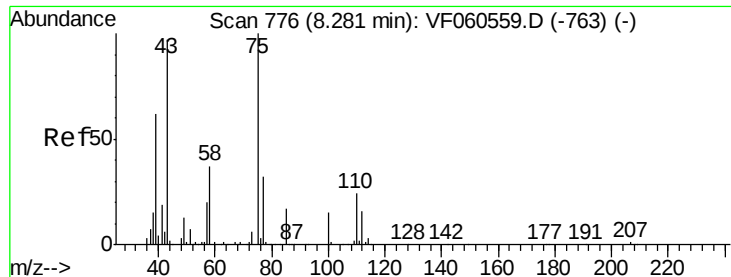
Tgt Ion: 92 Resp: 372562

Ion Ratio Lower Upper

92 100

91 155.4 124.5 186.7





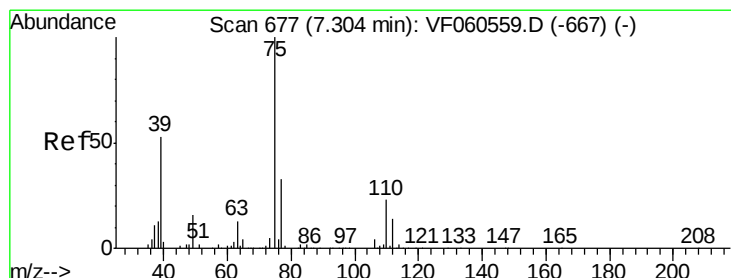
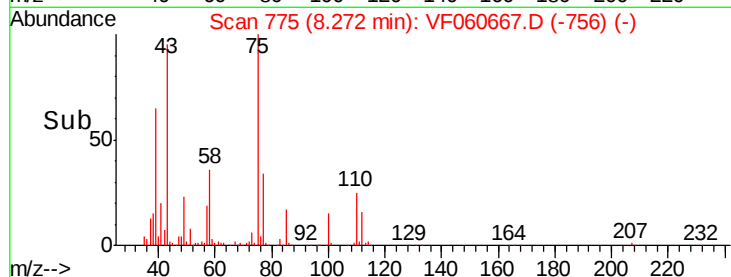
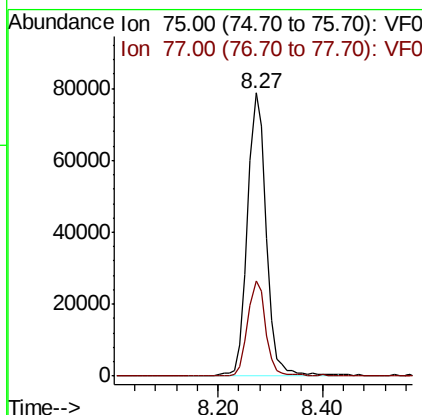
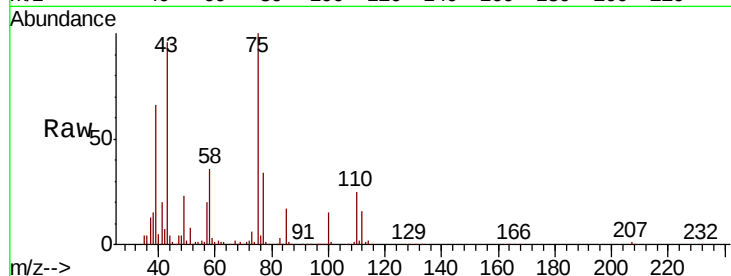
#53
t-1,3-Dichloropropene
Concen: 45.718 ug/l
RT: 8.27 min Scan# 775
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 189692
Ion Ratio Lower Upper
75 100
77 33.6 25.7 38.5

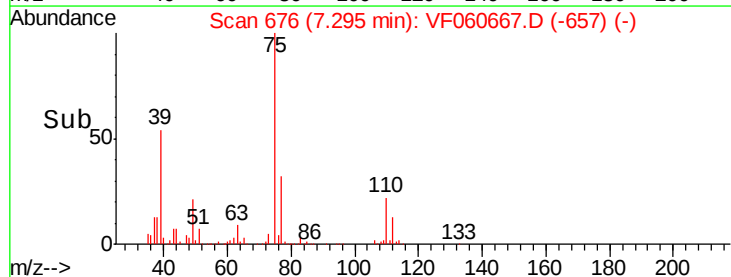
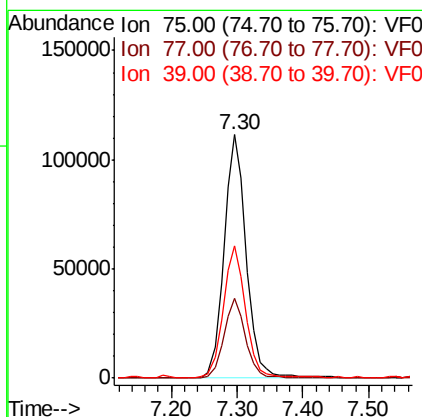
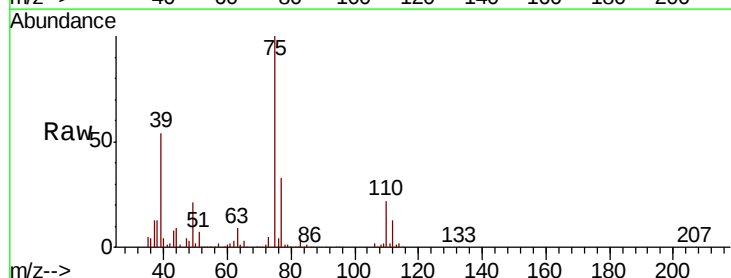
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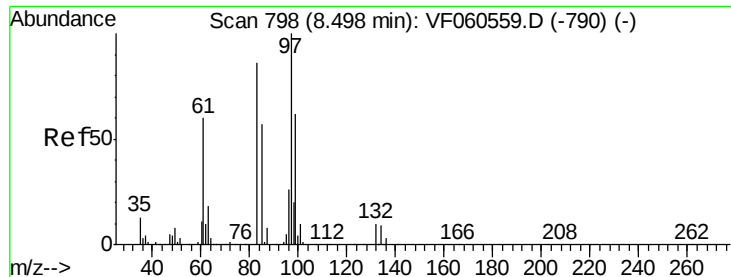
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#54
cis-1,3-Dichloropropene
Concen: 50.008 ug/l
RT: 7.30 min Scan# 676
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Tgt Ion: 75 Resp: 262158
Ion Ratio Lower Upper
75 100
77 32.6 26.7 40.1
39 54.4 43.0 64.4





#55

1,1,2-Trichloroethane

Concen: 47.997 ug/l

RT: 8.49 min Scan# 797

Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

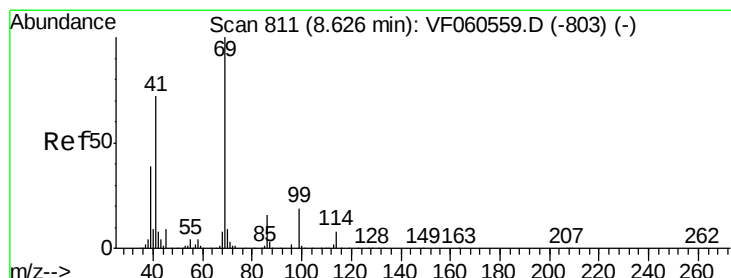
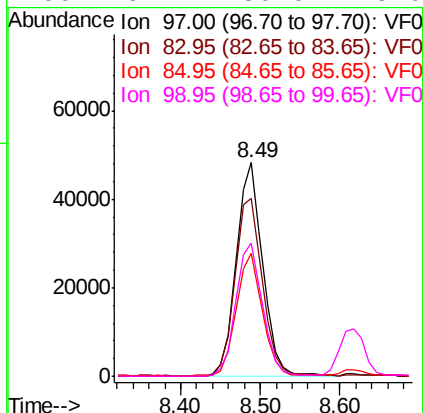
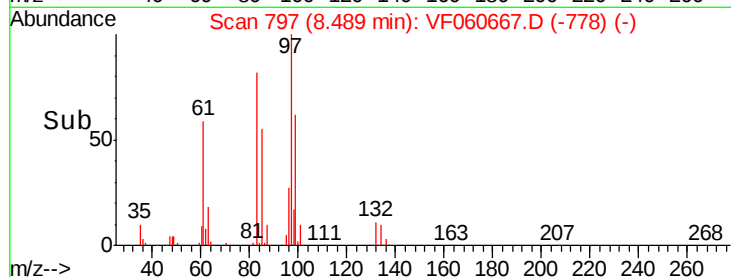
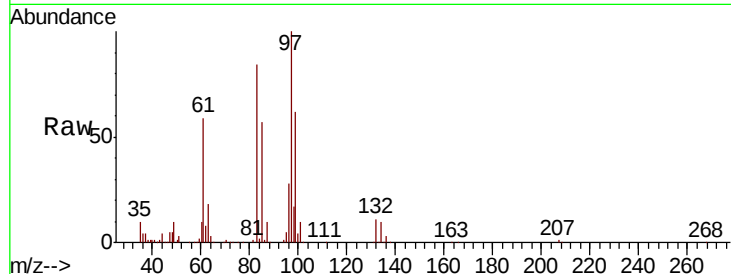
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	110984
Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.4	104.0
85	57.5	46.6	69.8
99	62.2	50.0	75.0

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#56

Ethyl methacrylate

Concen: 41.811 ug/l

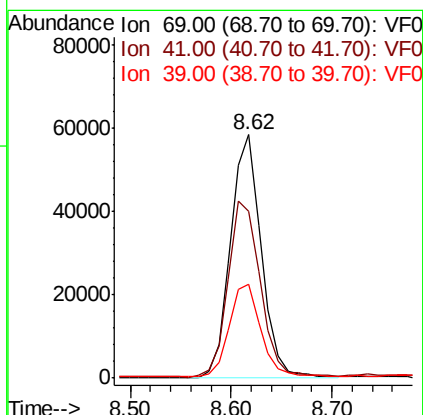
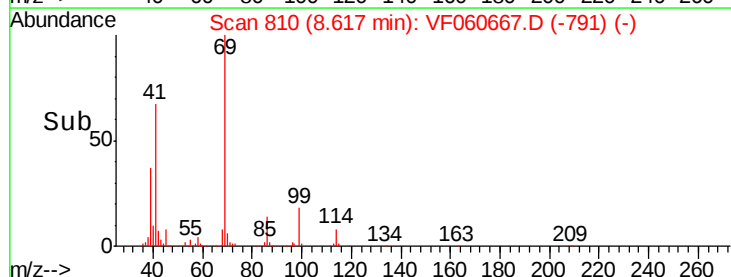
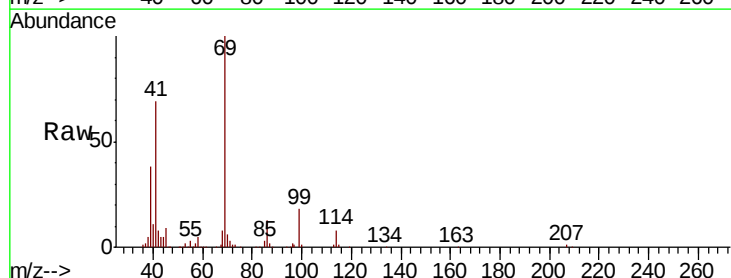
RT: 8.62 min Scan# 810

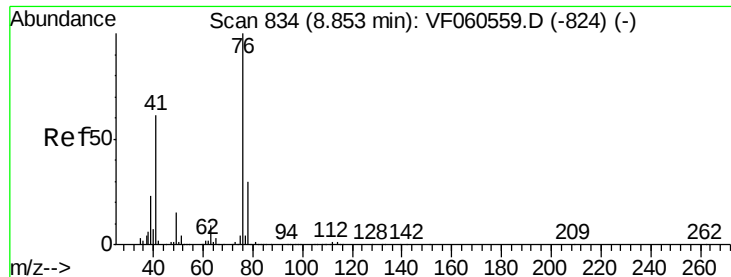
Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Tgt Ion:	69	Resp:	124390
Ion	Ratio	Lower	Upper
69	100		
41	68.5	59.2	88.8
39	38.4	32.3	48.5





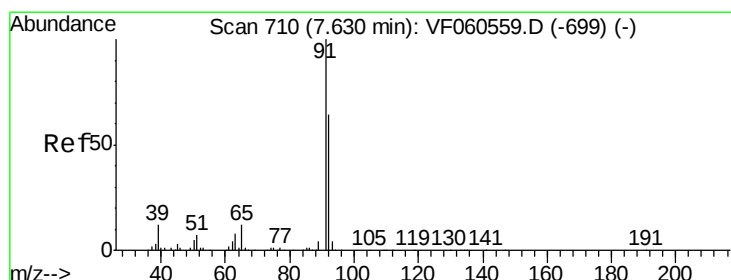
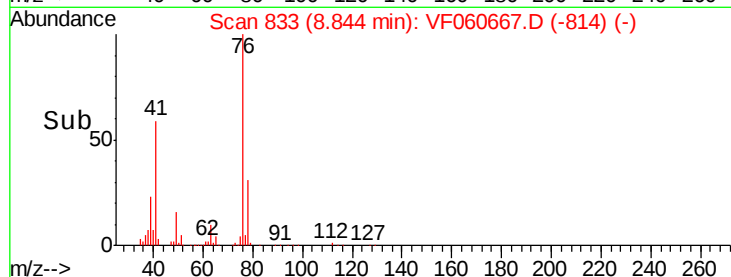
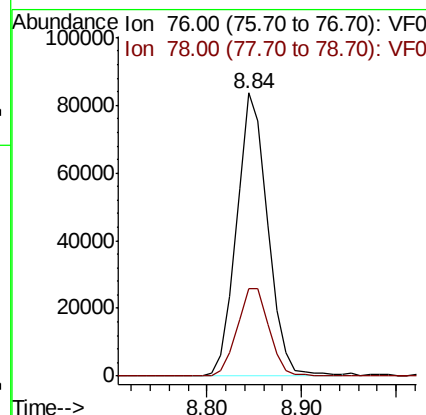
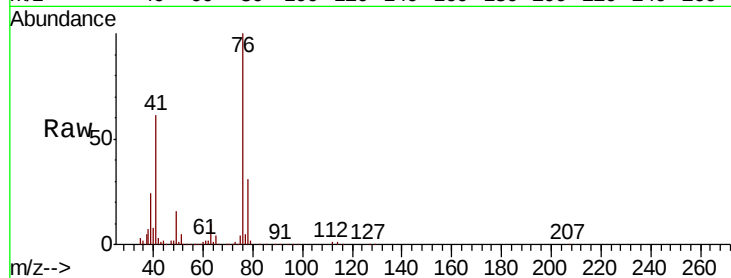
#57
 1,3-Dichloropropane
 Concen: 46.896 ug/l
 RT: 8.84 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: VF060667.D
 Acq: 9 Nov 2018 11:28

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	30.8	24.2	36.4

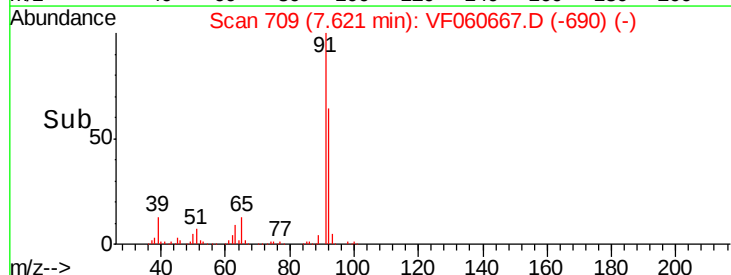
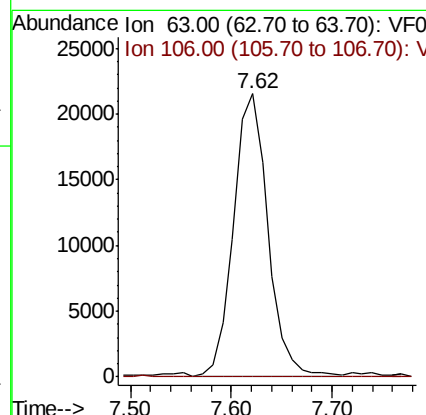
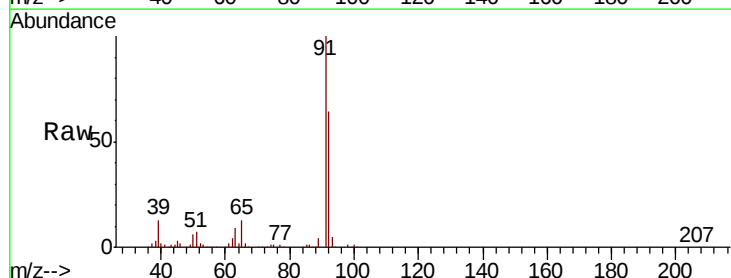
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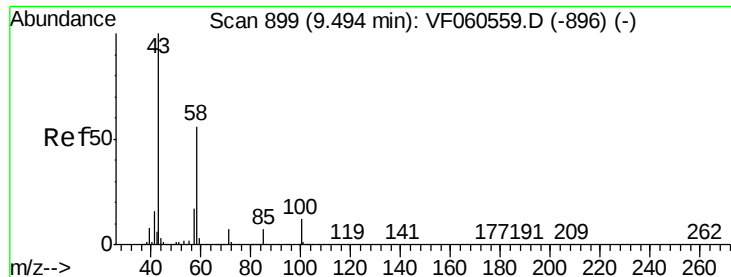
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#58
 2-Chloroethyl Vinyl ether
 Concen: 272.214 ug/l
 RT: 7.62 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: VF060667.D
 Acq: 9 Nov 2018 11:28

Tgt Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0





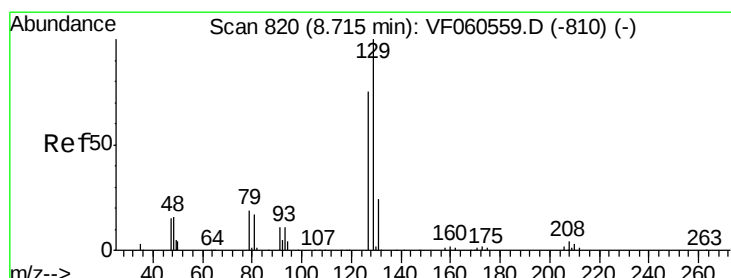
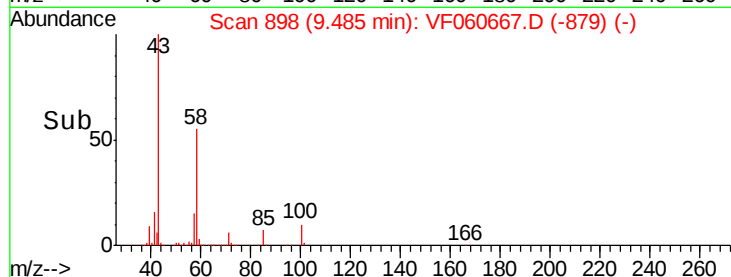
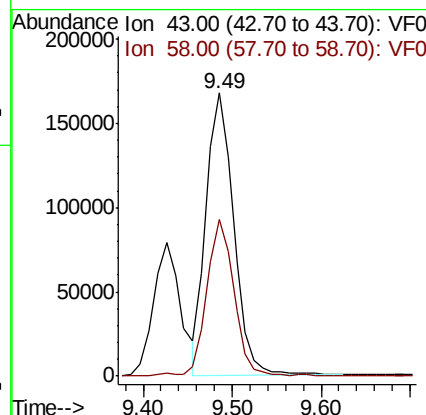
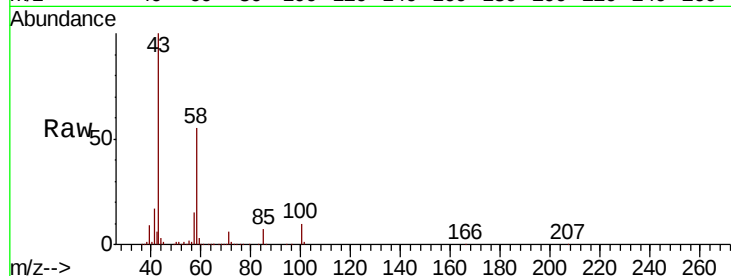
#59
2-Hexanone
Concen: 265.387 ug/l
RT: 9.49 min Scan# 898
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 358452
Ion Ratio Lower Upper
43 100
58 55.3 26.1 78.3

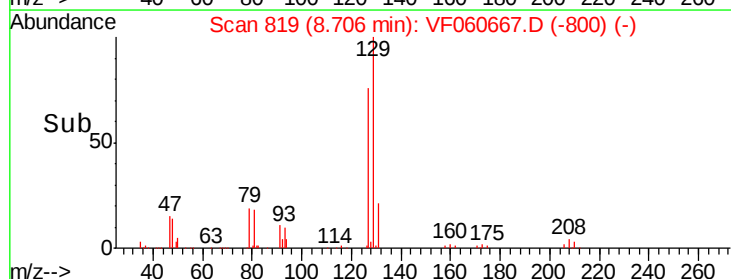
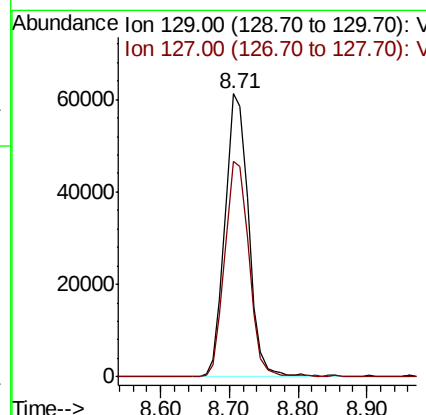
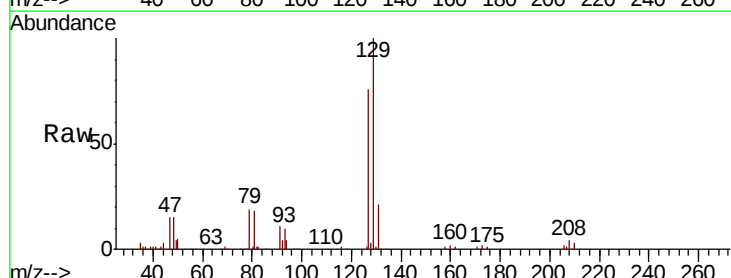
Manual Integrations
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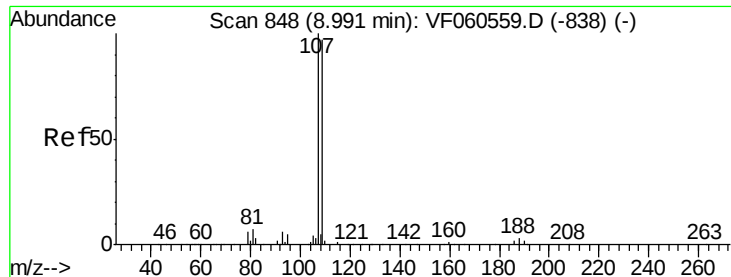
apatel
11/12/2018 2:40:56 PM



#60
Dibromochloromethane
Concen: 45.196 ug/l
RT: 8.71 min Scan# 819
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Tgt Ion: 129 Resp: 146158
Ion Ratio Lower Upper
129 100
127 76.3 37.8 113.3





#61

1,2-Dibromoethane

Concen: 46.092 ug/l

RT: 8.98 min Scan# 847

Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 112079

Ion Ratio Lower Upper

107 100

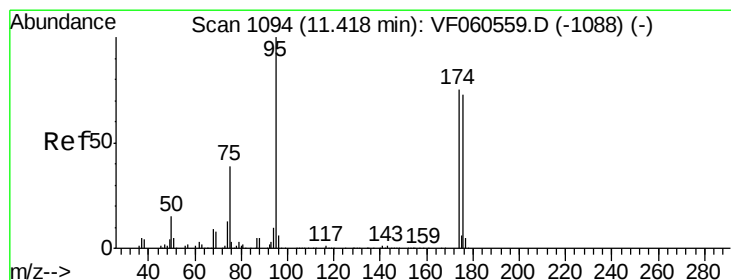
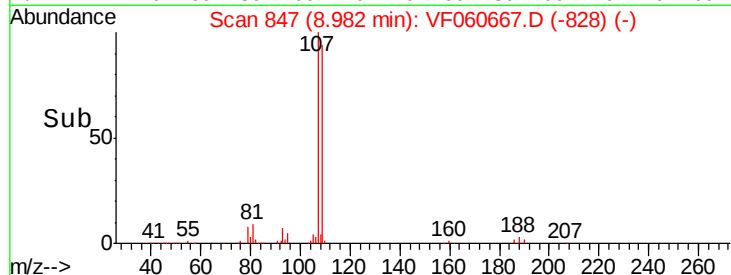
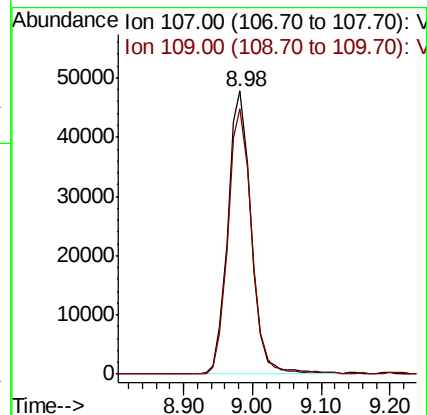
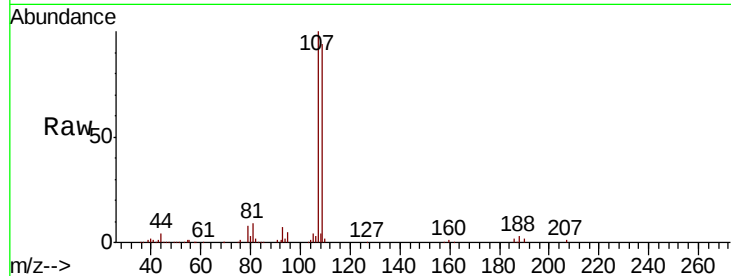
109 93.8 77.5 116.3

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 48.575 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

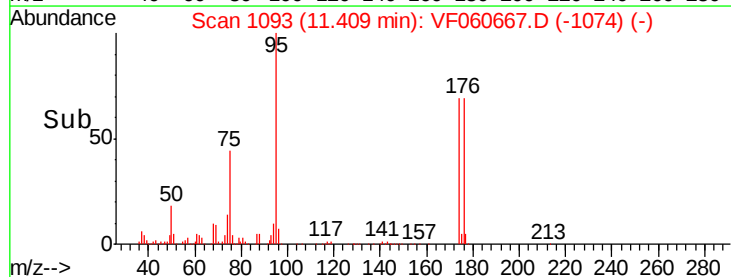
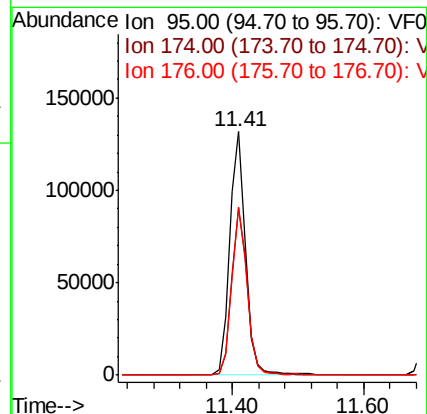
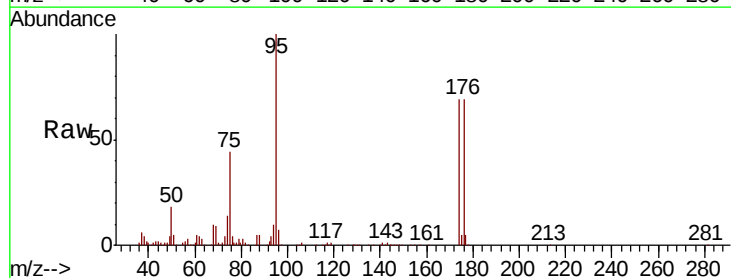
Tgt Ion: 95 Resp: 221947

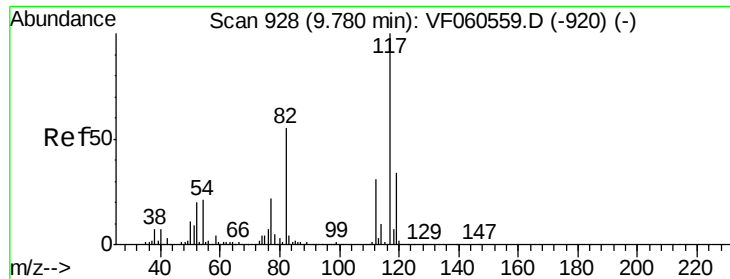
Ion Ratio Lower Upper

95 100

174 68.8 0.0 149.0

176 68.9 0.0 145.6





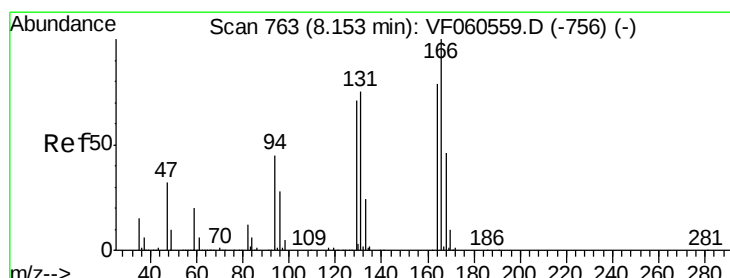
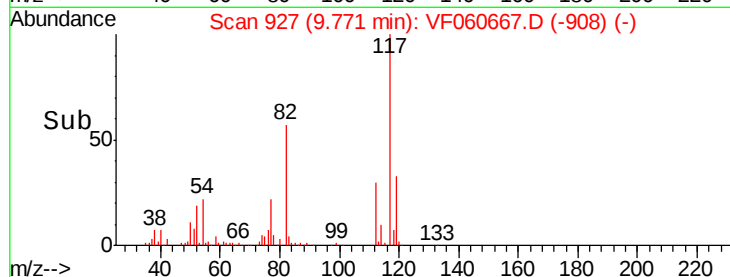
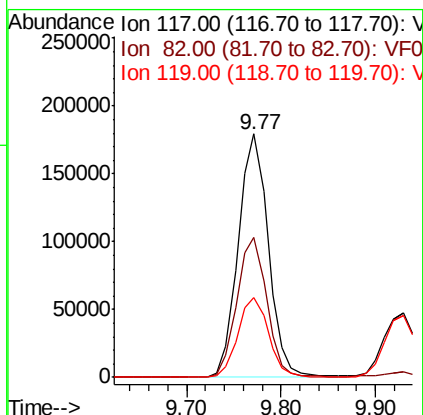
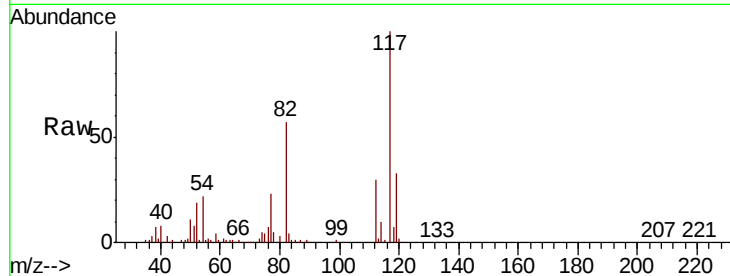
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion:	117	Resp:	397420
Ion Ratio	Lower	Upper	
117	100		
82	57.3	43.9	65.9
119	32.6	27.4	41.0

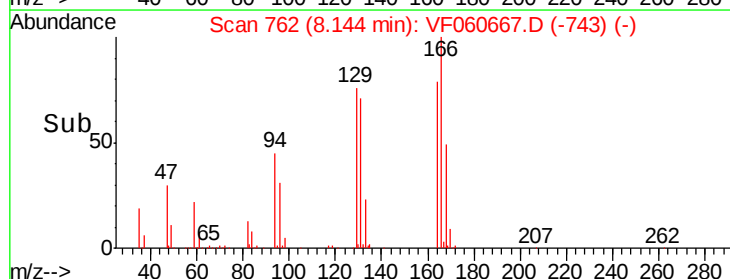
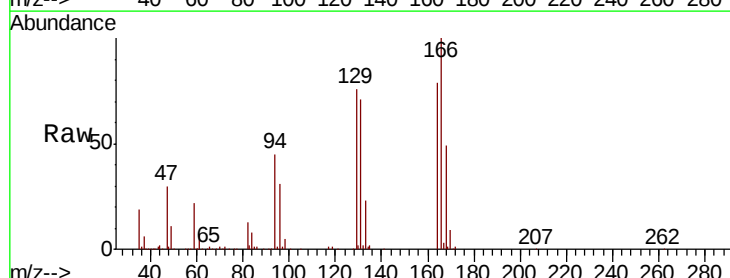
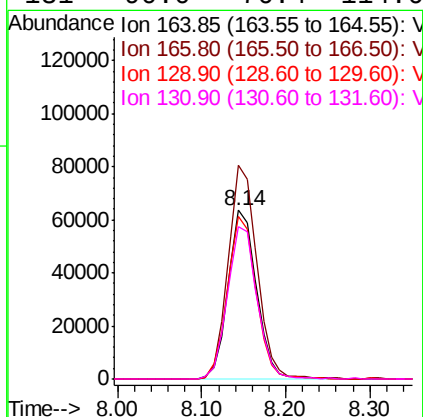
Manual Integrations
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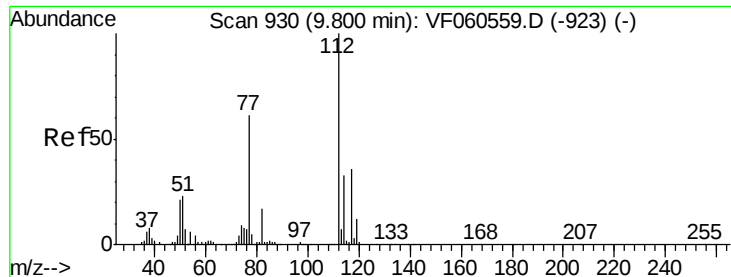
apatel
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#64
Tetrachloroethene
Concen: 48.165 ug/l
RT: 8.14 min Scan# 762
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Tgt Ion:	164	Resp:	150015
Ion Ratio	Lower	Upper	
164	100		
166	126.5	101.5	152.3
129	96.6	72.5	108.7
131	90.0	76.4	114.6





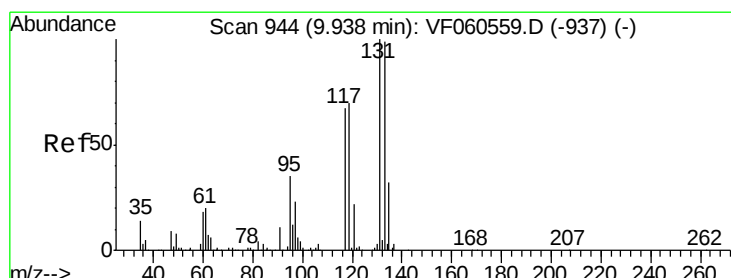
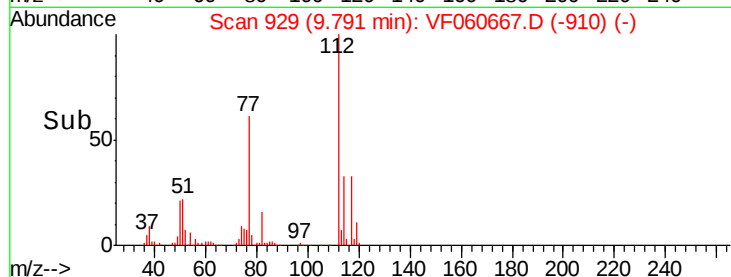
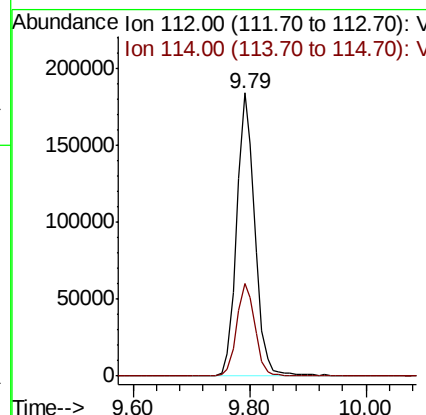
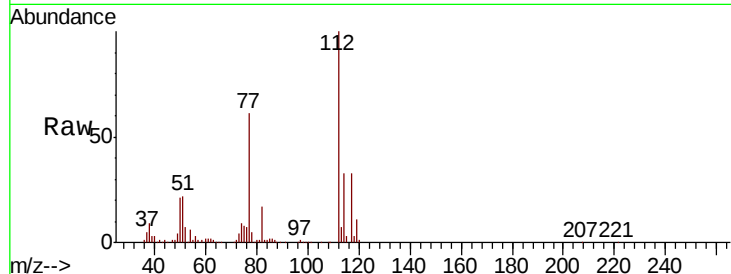
#65
Chlorobenzene
Concen: 49.041 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	26.6	40.0

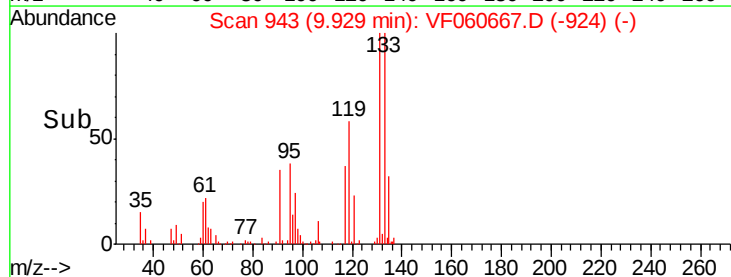
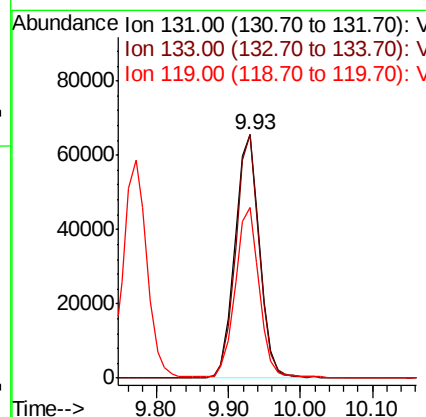
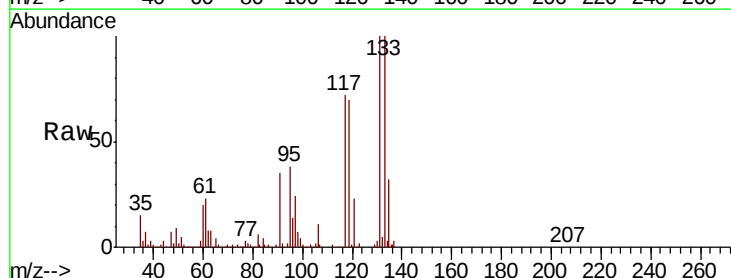
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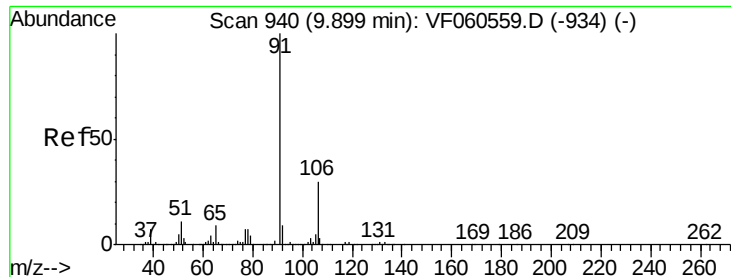
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#66
1,1,1,2-Tetrachloroethane
Concen: 45.370 ug/l
RT: 9.93 min Scan# 943
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	99.9	49.5	148.7
119	70.1	35.2	105.6





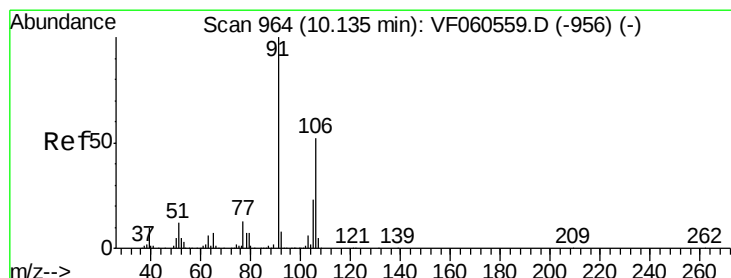
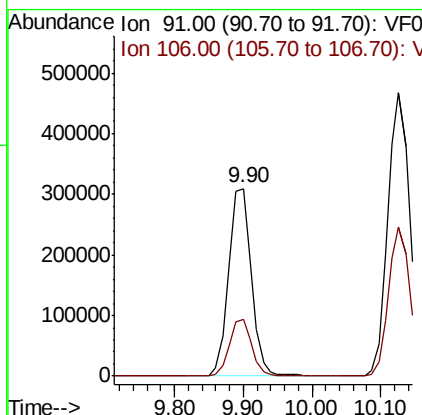
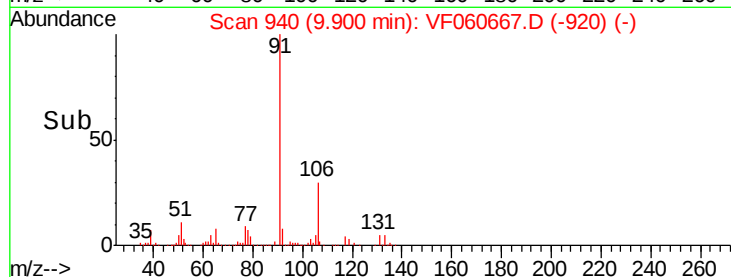
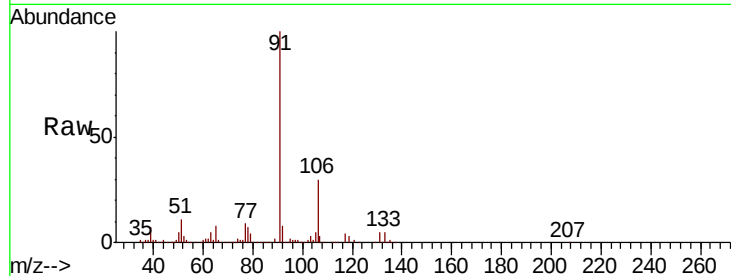
#67
Ethyl Benzene
Concen: 48.224 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.00 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 711218
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4

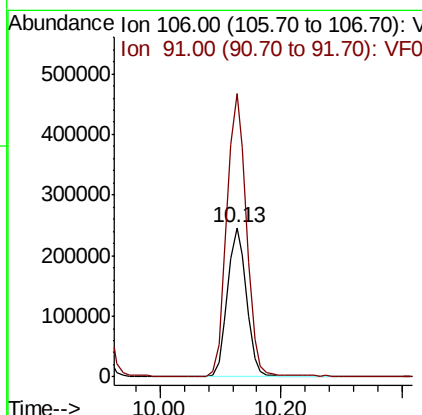
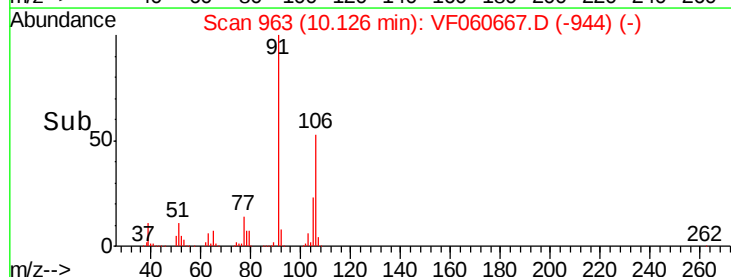
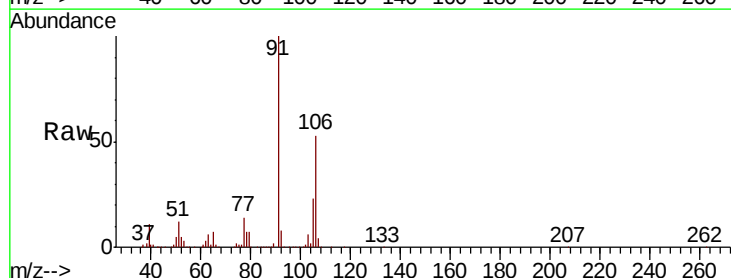
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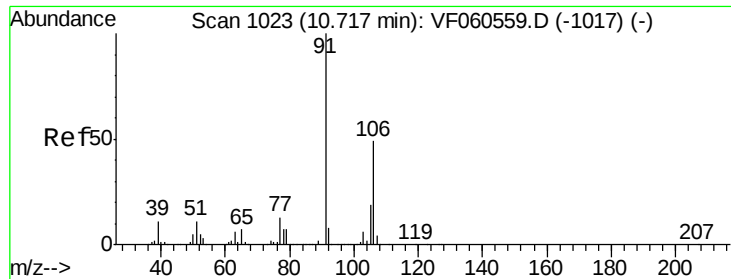
apatel
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#68
m/p-Xylenes
Concen: 97.612 ug/l
RT: 10.13 min Scan# 963
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Tgt Ion: 106 Resp: 542288
Ion Ratio Lower Upper
106 100
91 189.8 153.9 230.9





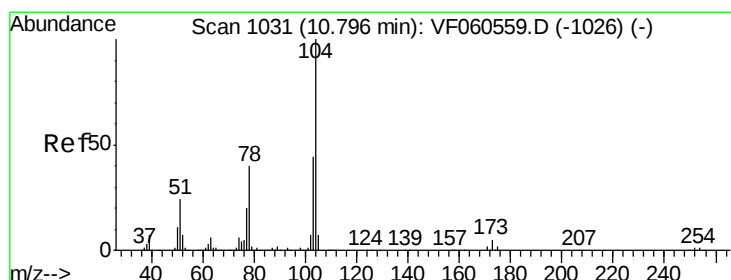
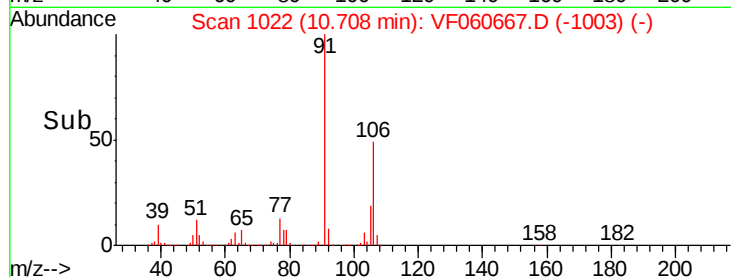
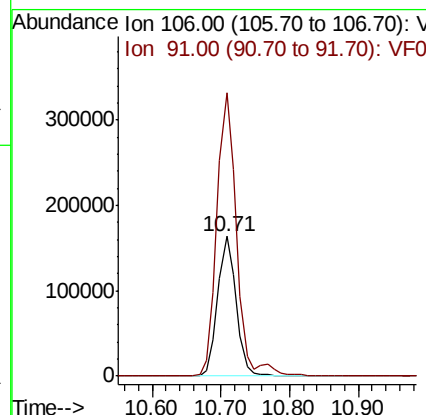
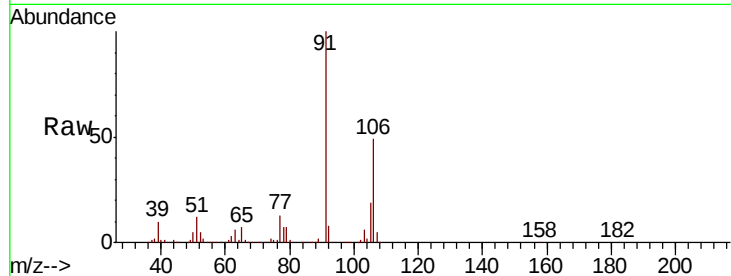
#69
o-Xylene
Concen: 50.220 ug/l
RT: 10.71 min Scan# 1022
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.5	101.8	305.3

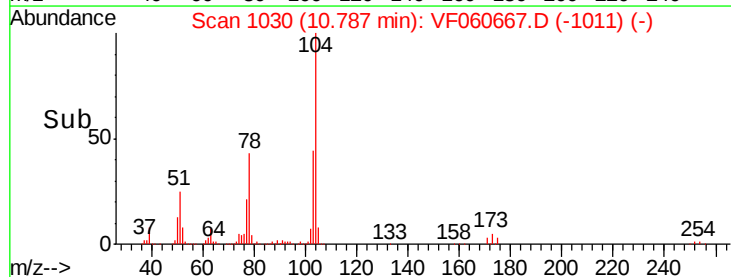
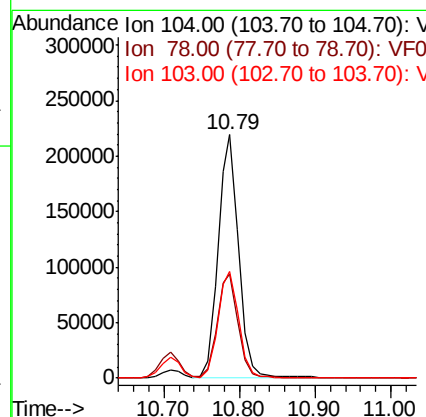
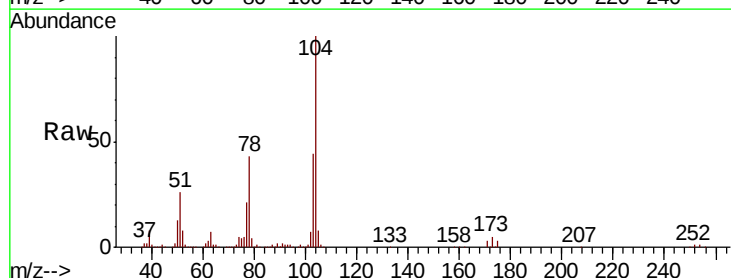
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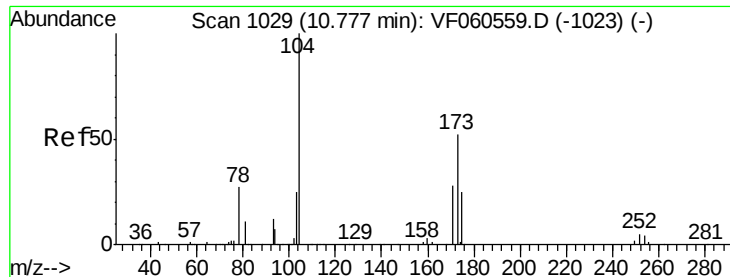
apatel
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#70
Styrene
Concen: 47.252 ug/l
RT: 10.79 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Tgt Ion	Ratio	Lower	Upper
104	100		
78	42.8	32.6	49.0
103	43.7	35.2	52.8





#71

Bromoform

Concen: 42.654 ug/l

RT: 10.77 min Scan# 1028

Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

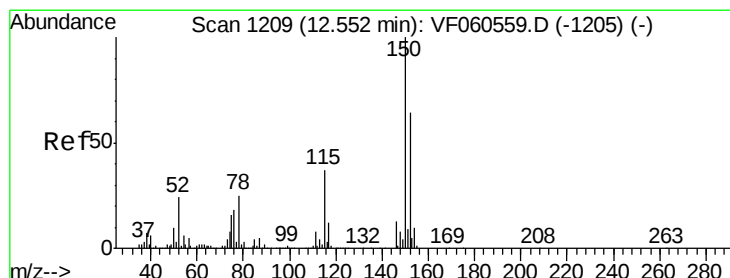
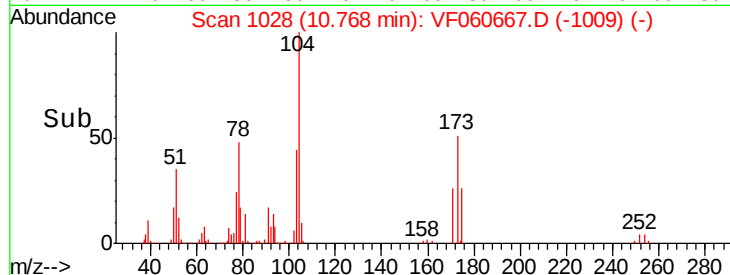
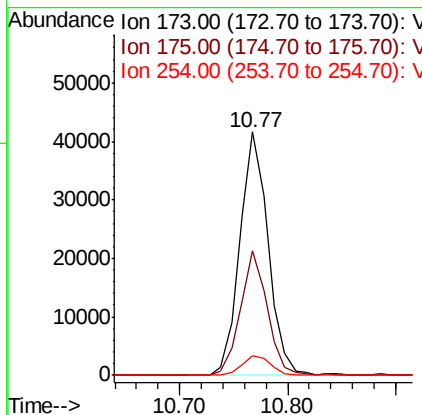
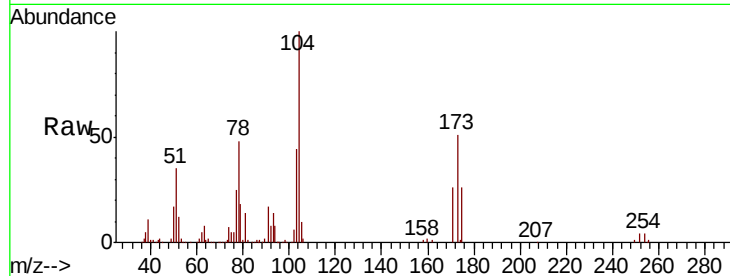
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.2	24.3	72.9
254	8.2	6.7	10.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

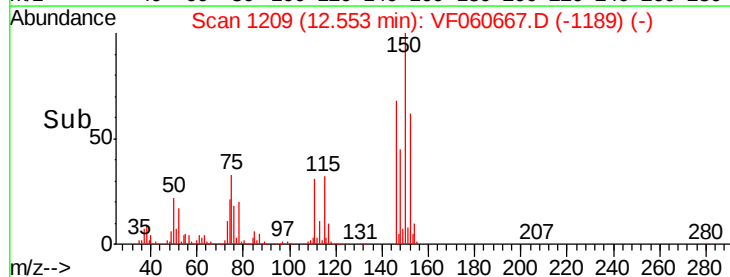
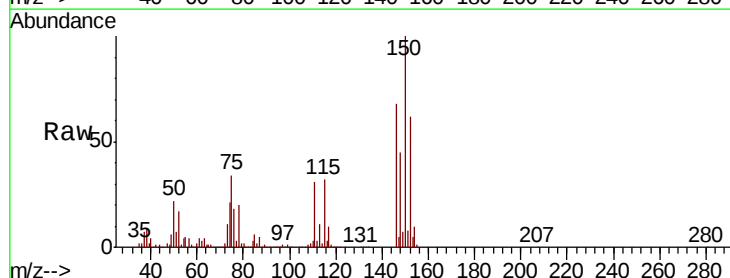
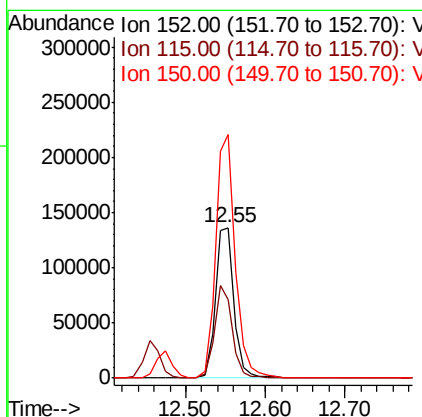
RT: 12.55 min Scan# 1209

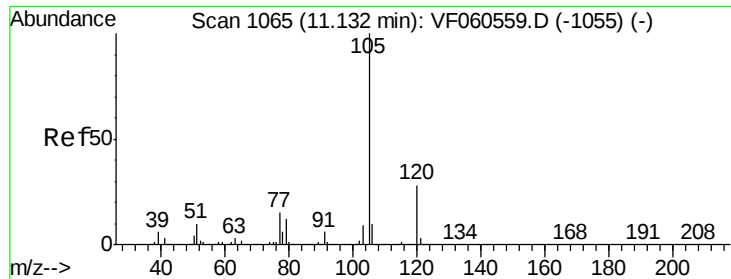
Delta R.T. 0.00 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.1	29.6	88.8
150	161.9	0.0	315.6





#73

Isopropylbenzene

Concen: 49.108 ug/l

RT: 11.12 min Scan# 1064

Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 860514

Ion Ratio Lower Upper

105 100

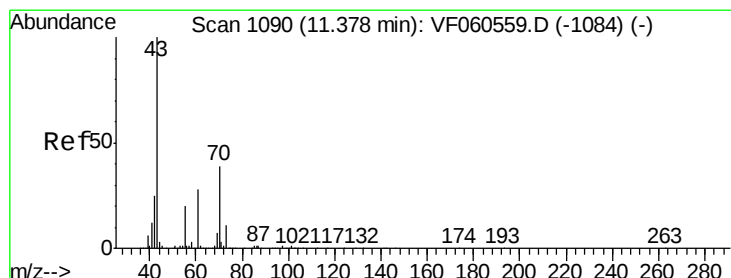
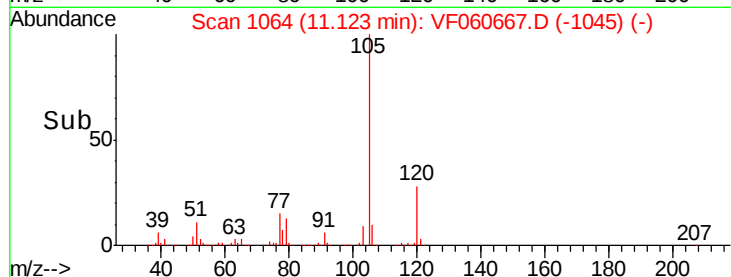
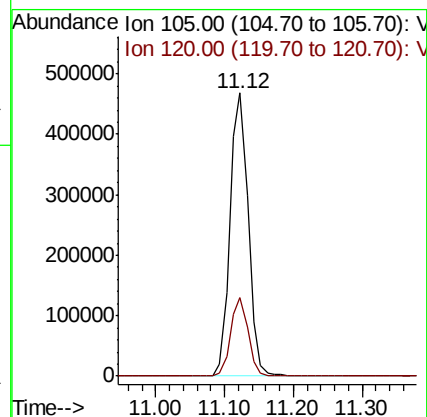
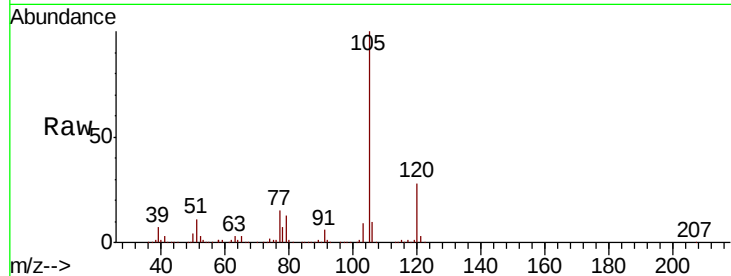
120 27.7 13.9 41.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 43.176 ug/l

RT: 11.37 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Tgt Ion: 43 Resp: 193902

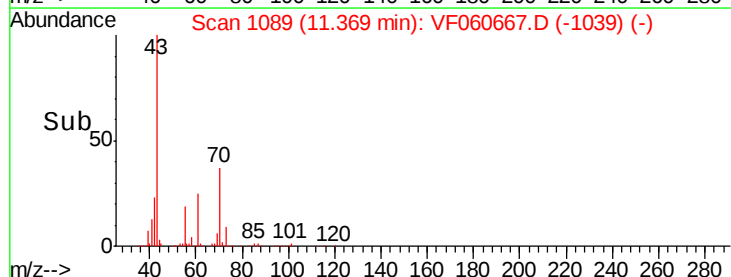
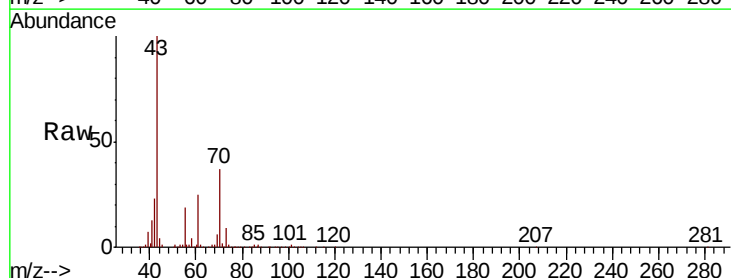
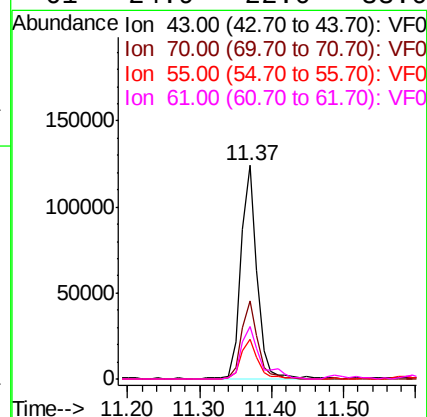
Ion Ratio Lower Upper

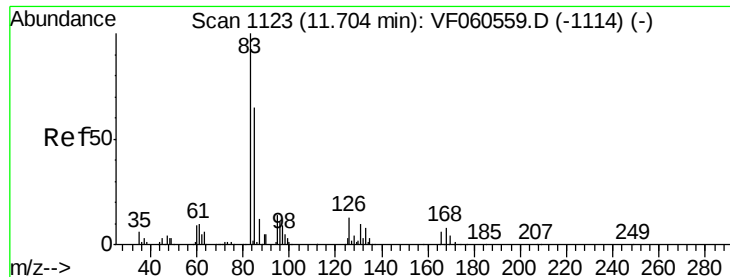
43 100

70 36.6 30.9 46.3

55 18.6 16.6 24.8

61 24.9 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.885 ug/l

RT: 11.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

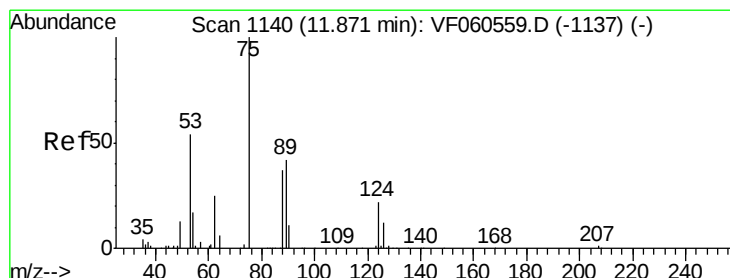
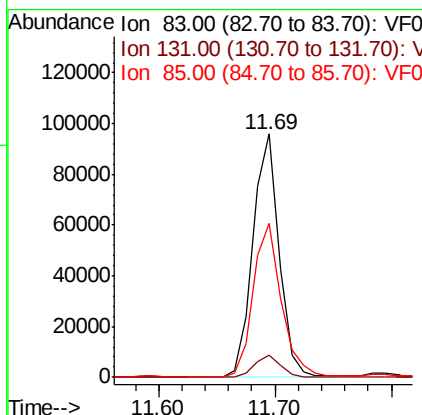
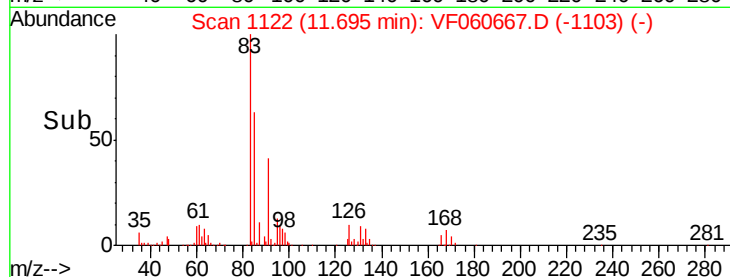
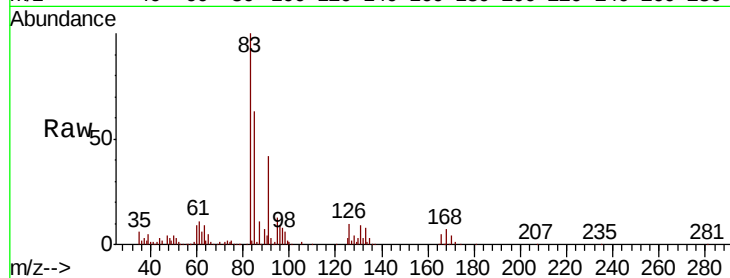
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	149958
Ion Ratio	Lower	Upper	
83	100		
131	9.0	5.0	14.9
85	63.3	32.9	98.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.015 ug/l

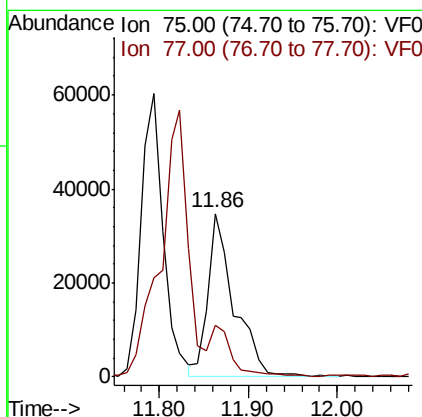
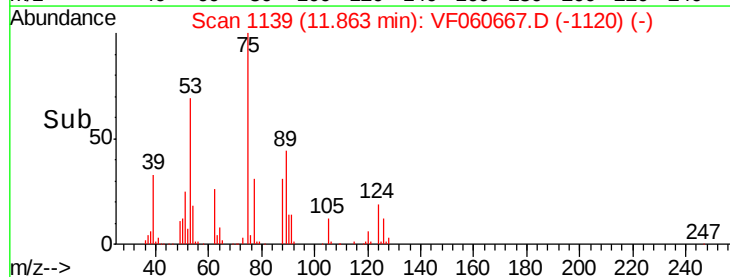
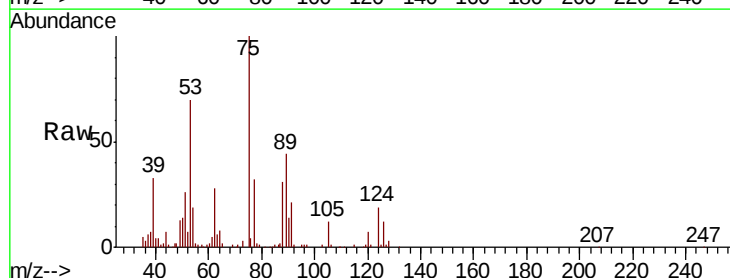
RT: 11.86 min Scan# 1139

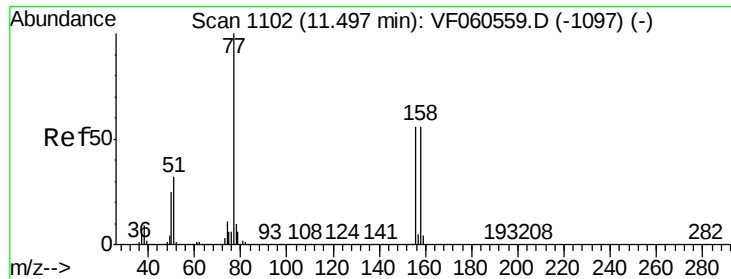
Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Tgt Ion:	75	Resp:	70758
Ion Ratio	Lower	Upper	
75	100		
77	31.6	17.4	52.3





#77

Bromobenzene

Concen: 49.015 ug/l

RT: 11.49 min Scan# 1101

Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

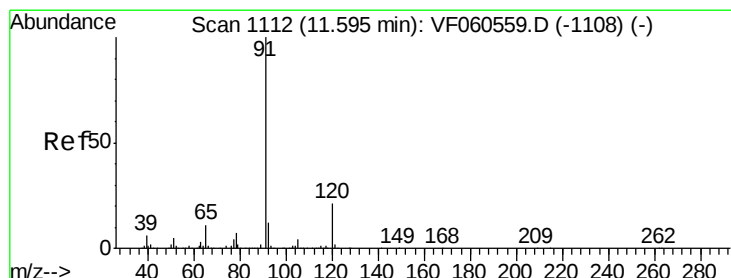
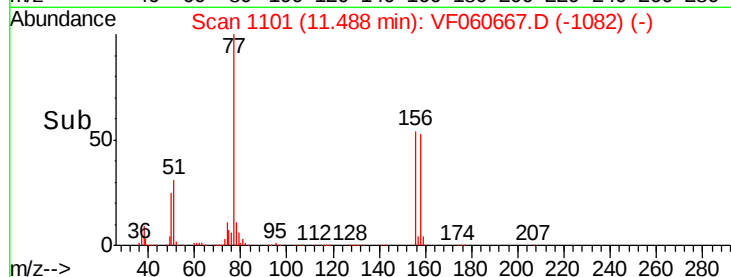
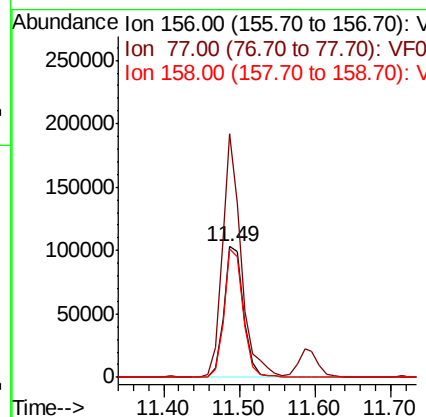
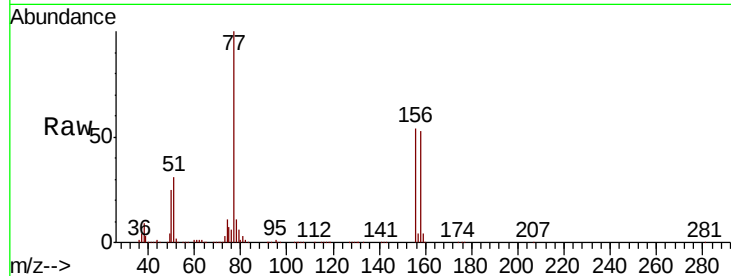
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	187934
Ion Ratio	Lower	Upper	
156	100		
77	186.1	89.3	268.1
158	97.9	50.0	150.1

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#78

n-propylbenzene

Concen: 48.125 ug/l

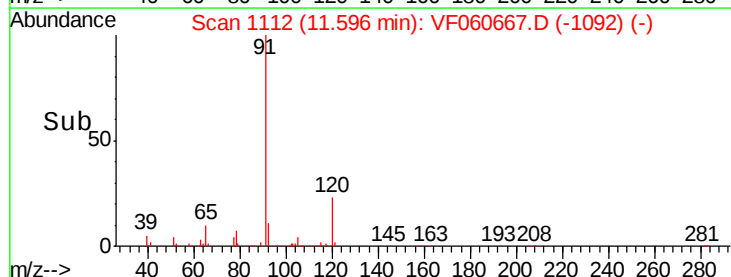
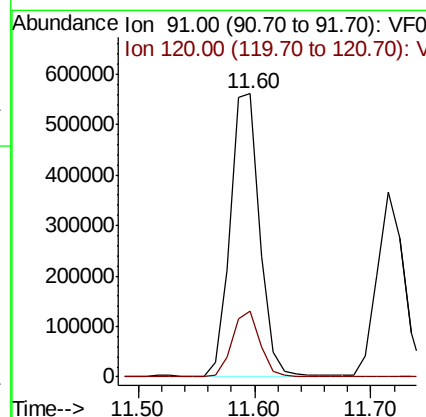
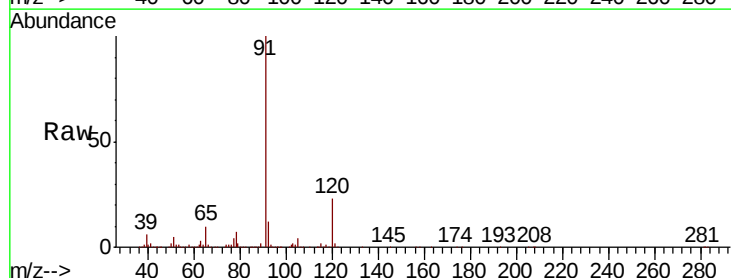
RT: 11.60 min Scan# 1112

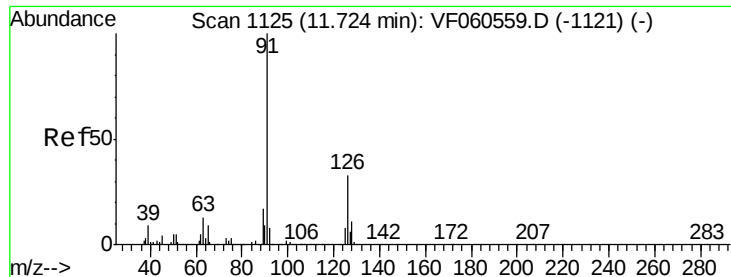
Delta R.T. 0.00 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Tgt Ion:	91	Resp:	986666
Ion Ratio	Lower	Upper	
91	100		
120	23.4	10.5	31.6





#79

2-Chlorotoluene

Concen: 49.555 ug/l

RT: 11.71 min Scan# 1124

Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 580218

Ion Ratio Lower Upper

91 100

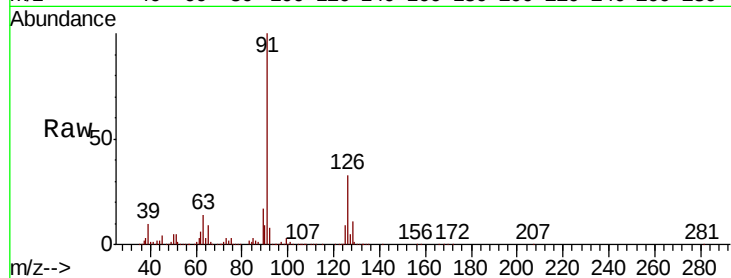
126 33.2 16.5 49.5

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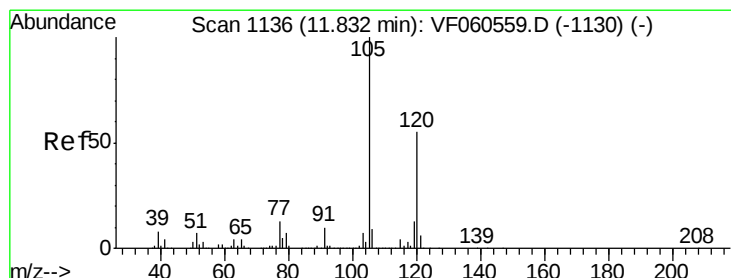
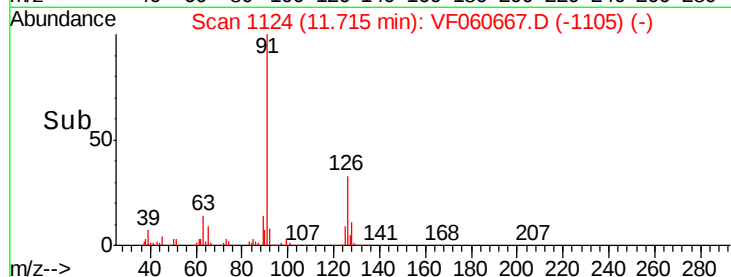
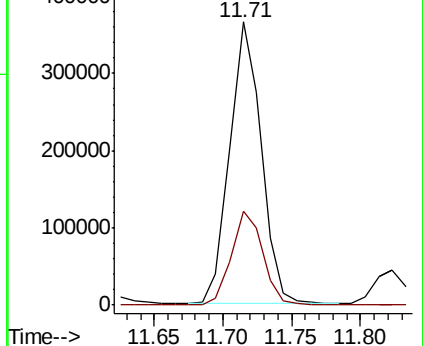
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Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#80

1,3,5-Trimethylbenzene

Concen: 46.575 ug/l

RT: 11.82 min Scan# 1135

Delta R.T. -0.01 min

Lab File: VF060667.D

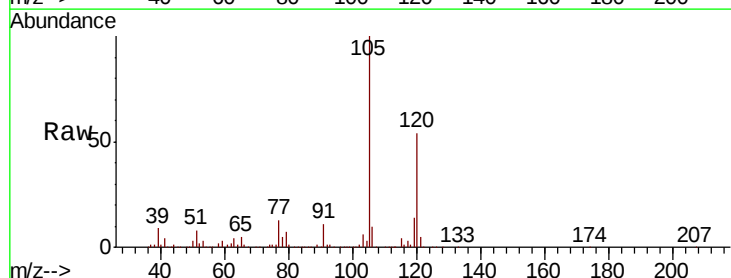
Acq: 9 Nov 2018 11:28

Tgt Ion: 105 Resp: 672712

Ion Ratio Lower Upper

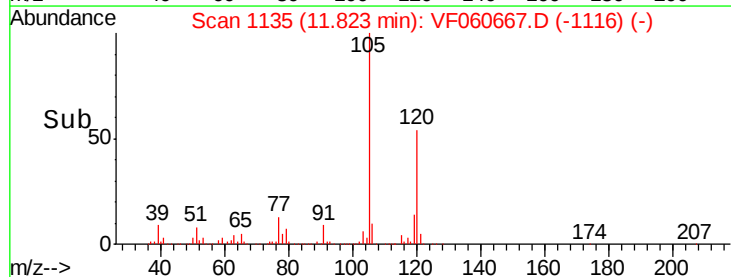
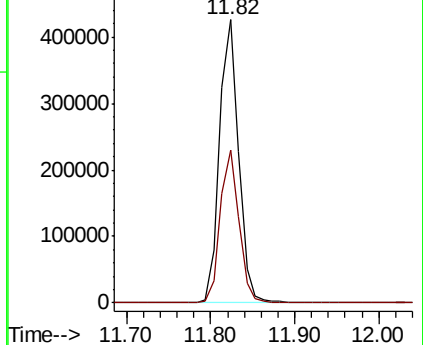
105 100

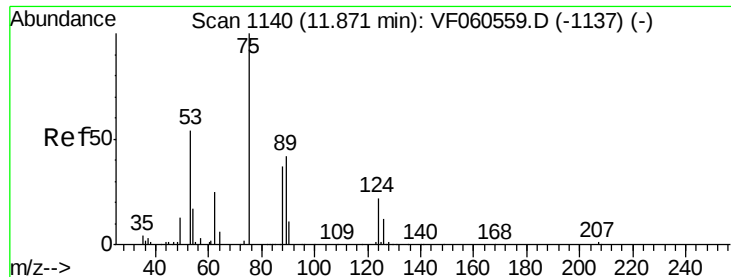
120 54.1 27.6 82.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 43.649 ug/l m

RT: 11.86 min Scan# 1139

Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

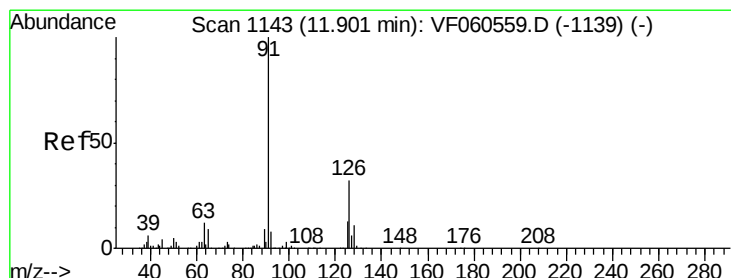
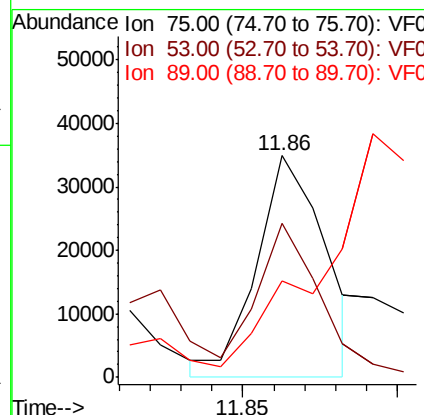
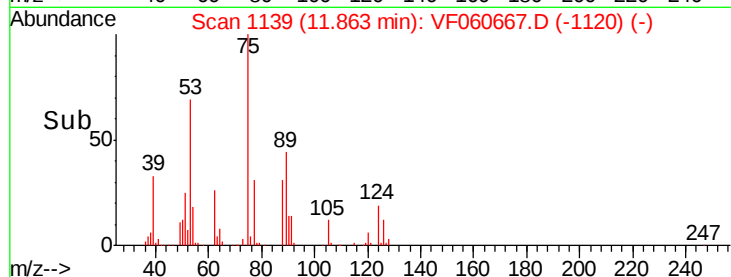
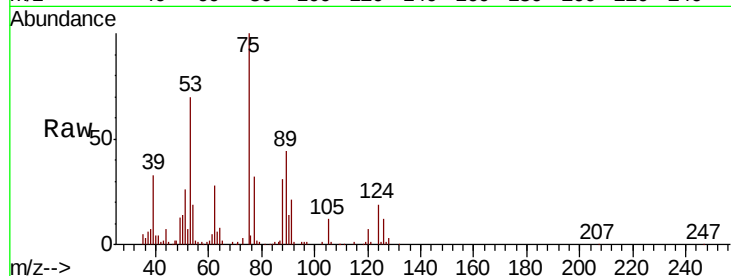
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	53922
Ion Ratio	Lower	Upper	
75	100		
53	69.5	51.6	77.4
89	43.5	36.7	55.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 46.853 ug/l

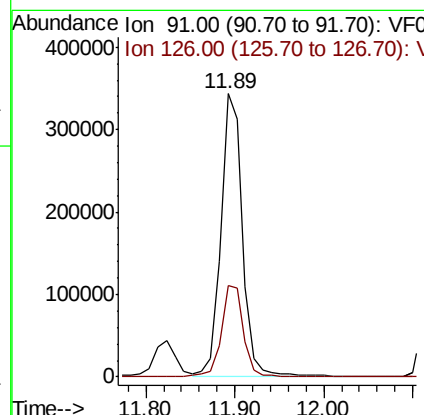
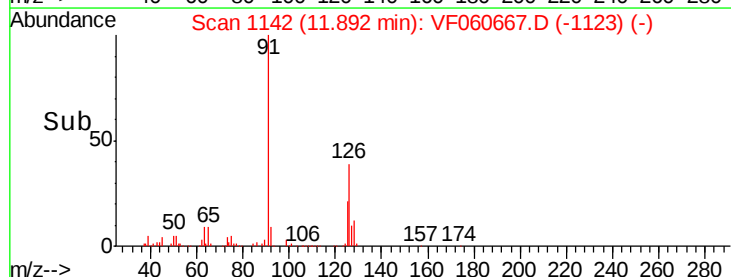
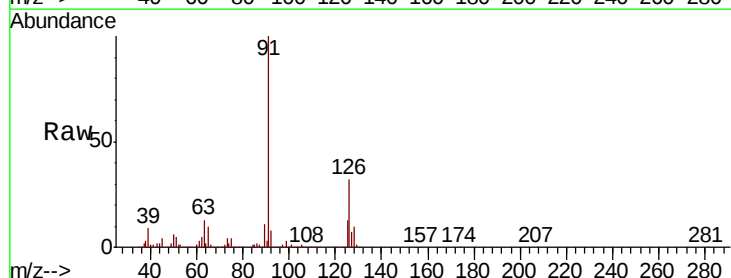
RT: 11.89 min Scan# 1142

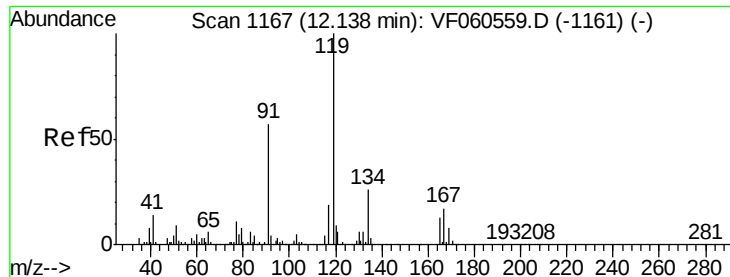
Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Tgt Ion:	91	Resp:	572343
Ion Ratio	Lower	Upper	
91	100		
126	32.2	15.9	47.7





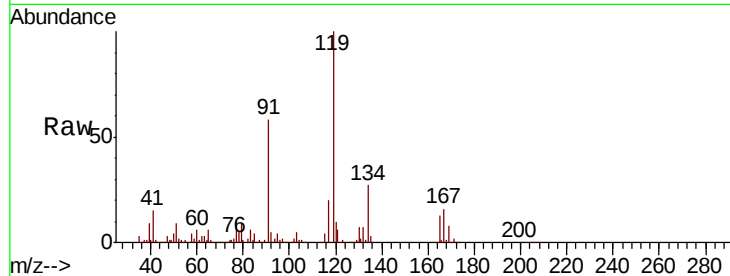
#83
tert-Butylbenzene
Concen: 46.618 ug/l
RT: 12.13 min Scan# 1166
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.9	28.8	86.4
134	26.8	13.2	39.6

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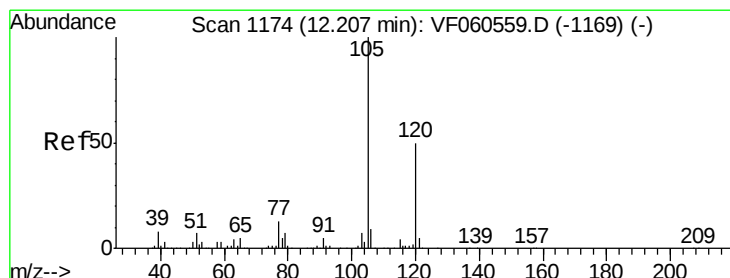
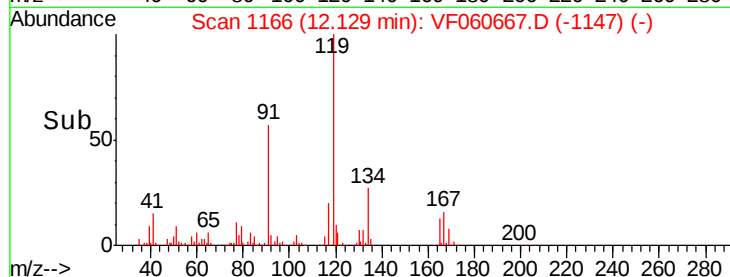
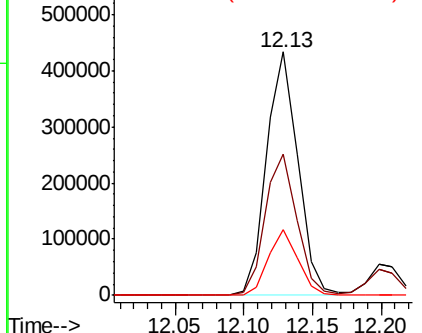


Abundance

Ion 119.00 (118.70 to 119.70): V

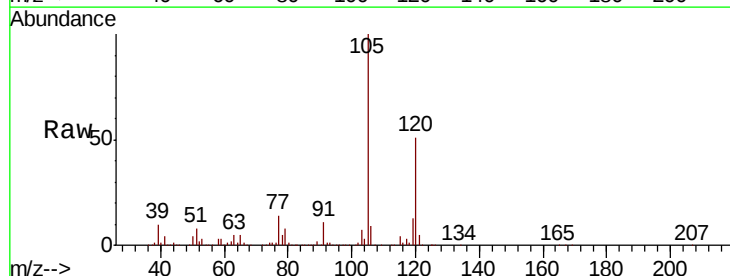
Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84
1,2,4-Trimethylbenzene
Concen: 48.940 ug/l
RT: 12.20 min Scan# 1173
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

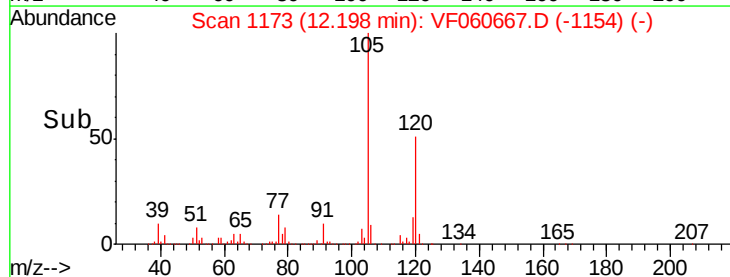
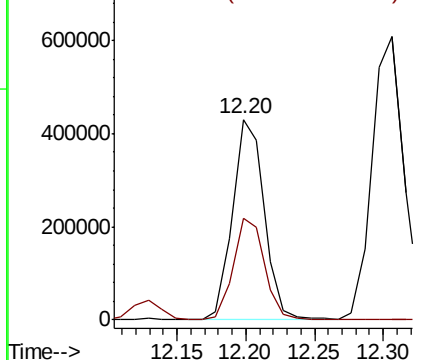
Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.7	25.6	76.8

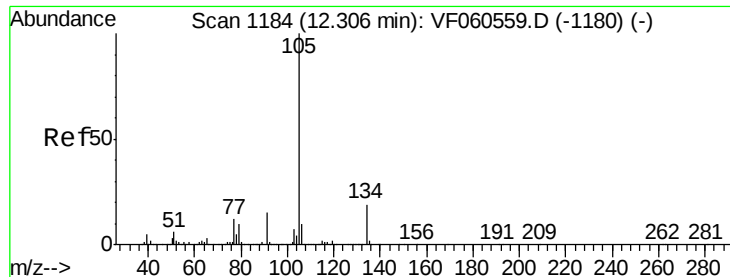


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.459 ug/l

RT: 12.31 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 983638

Ion Ratio Lower Upper

105 100

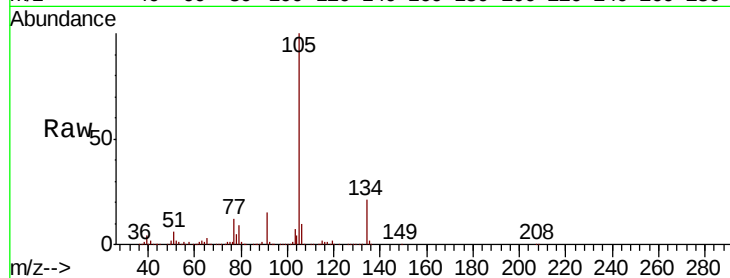
134 21.2 9.7 29.1

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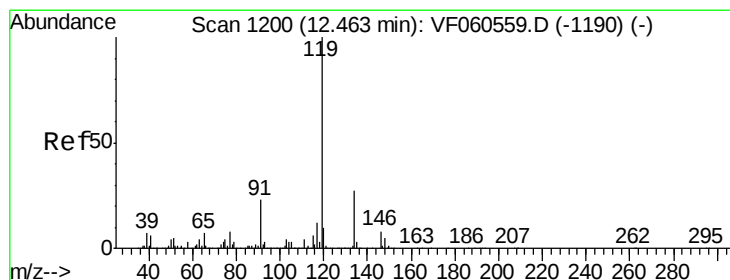
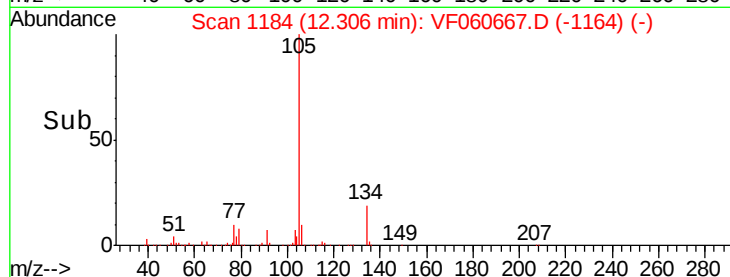
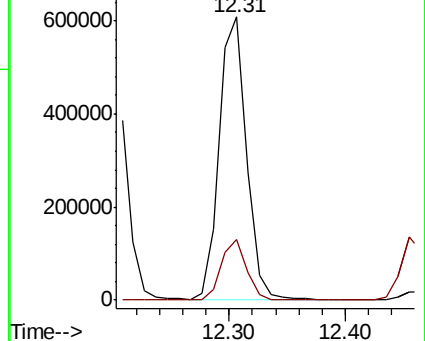
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.468 ug/l

RT: 12.45 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

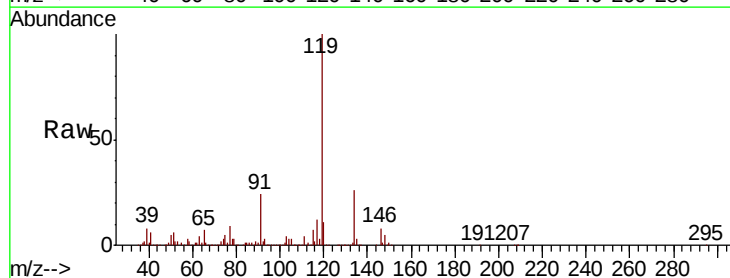
Tgt Ion:119 Resp: 776734

Ion Ratio Lower Upper

119 100

134 26.2 13.6 40.7

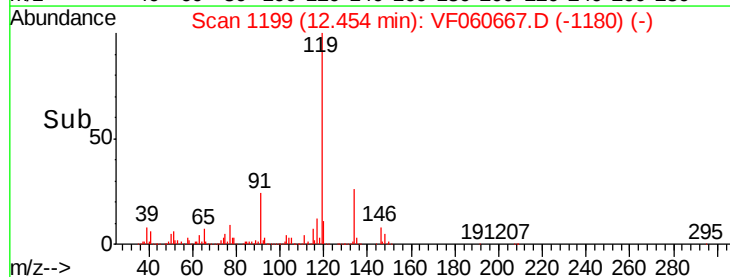
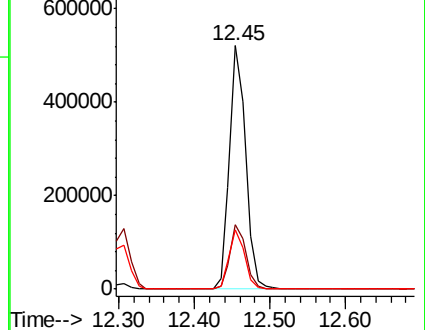
91 24.1 11.4 34.2

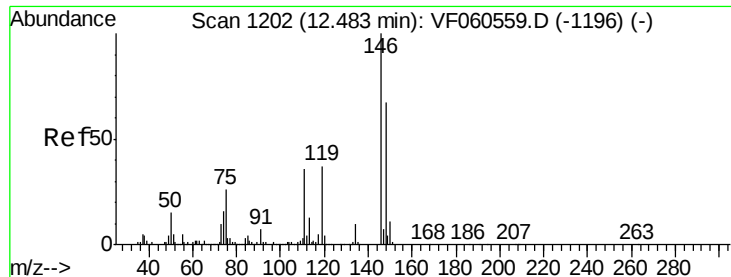


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





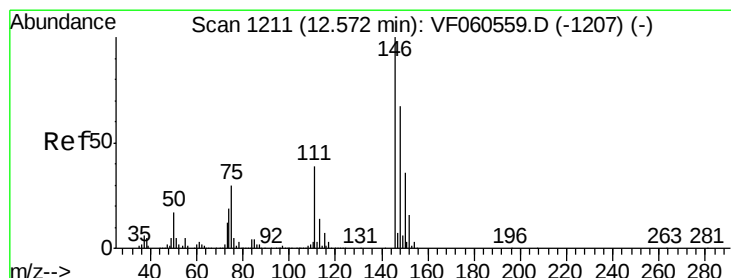
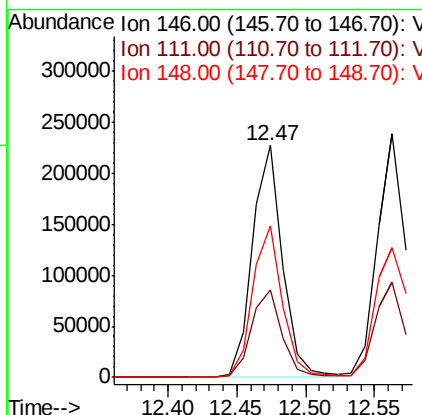
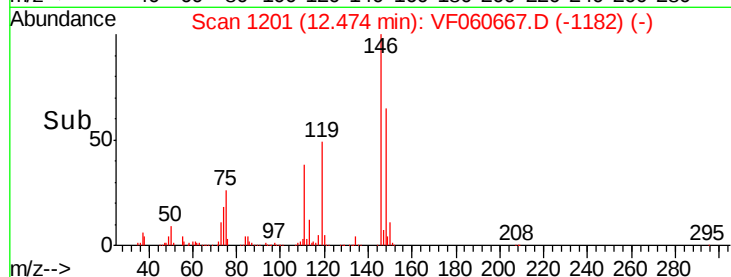
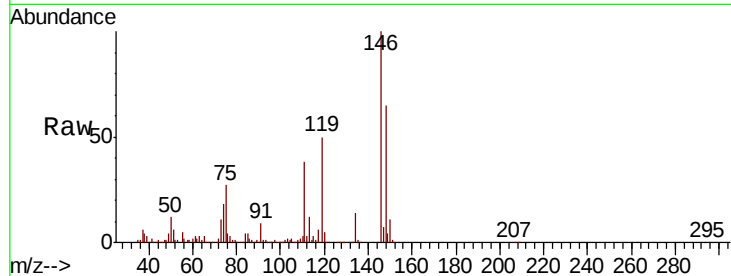
#87
 1,3-Dichlorobenzene
 Concen: 46.111 ug/l
 RT: 12.47 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VF060667.D
 Acq: 9 Nov 2018 11:28

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.3	54.8
148	65.3	33.5	100.4

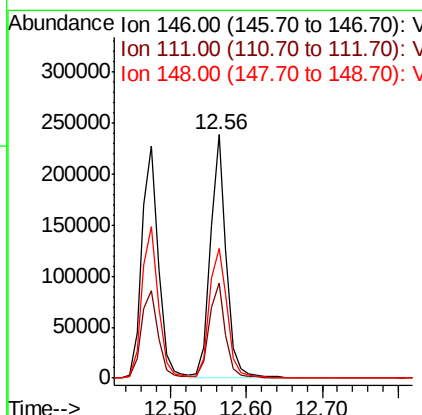
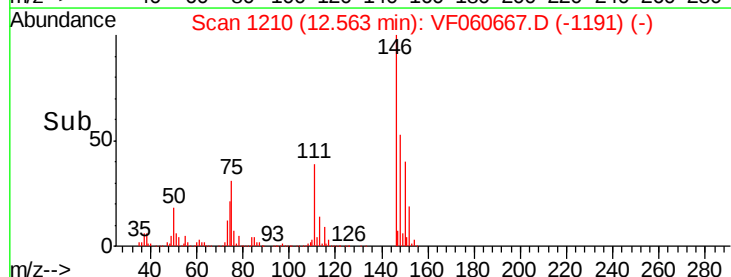
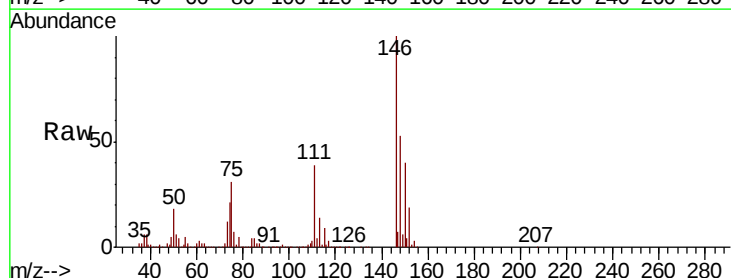
Manual Integrations
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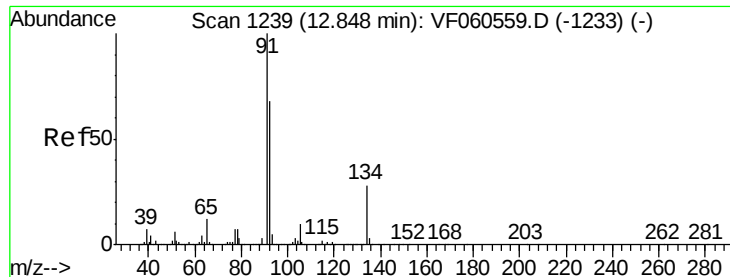
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 49.740 ug/l
 RT: 12.56 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: VF060667.D
 Acq: 9 Nov 2018 11:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.1
148	53.3	33.7	101.1





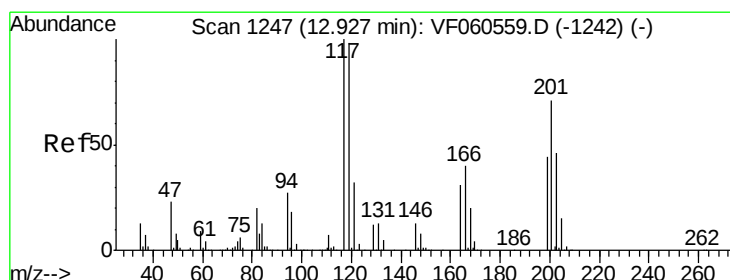
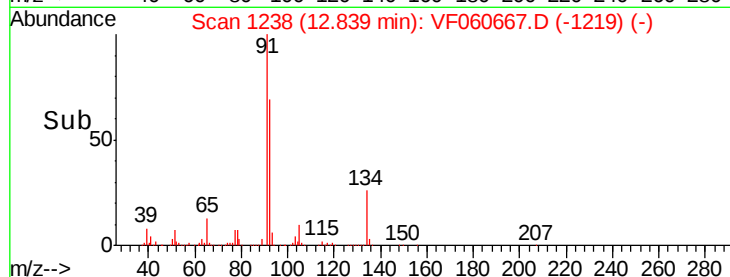
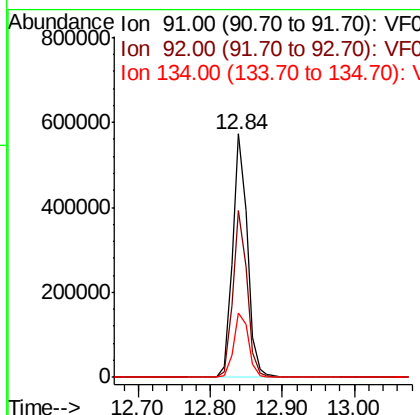
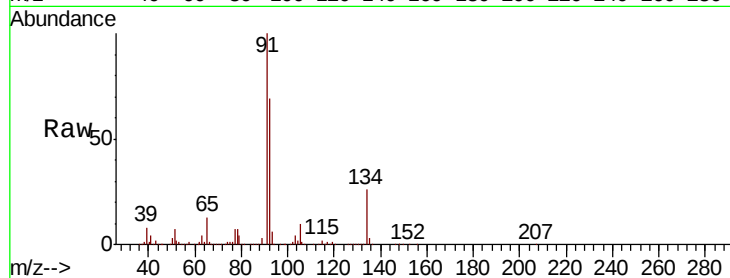
#89
n-Butylbenzene
Concen: 50.626 ug/l
RT: 12.84 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	68.8	34.1	102.2
134	26.5	13.9	41.6

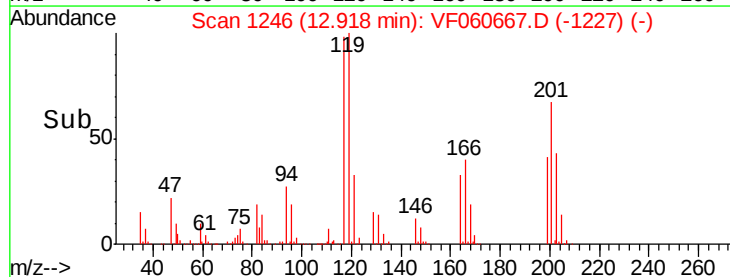
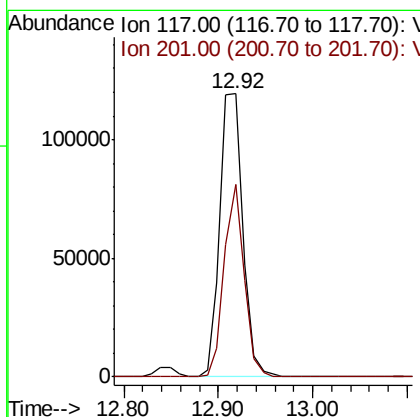
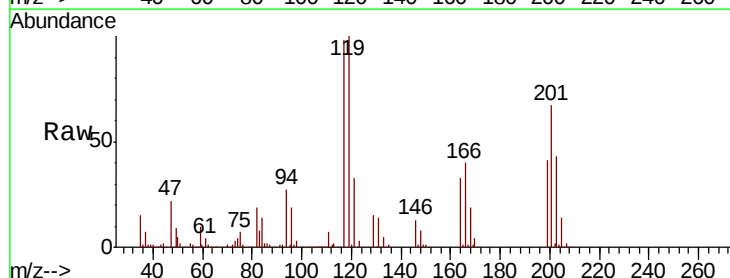
Manual Integrations
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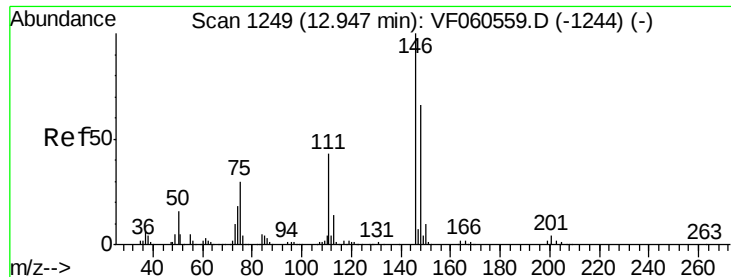
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#90
Hexachloroethane
Concen: 47.628 ug/l
RT: 12.92 min Scan# 1246
Delta R.T. -0.01 min
Lab File: VF060667.D
Acq: 9 Nov 2018 11:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.0	35.2	105.6





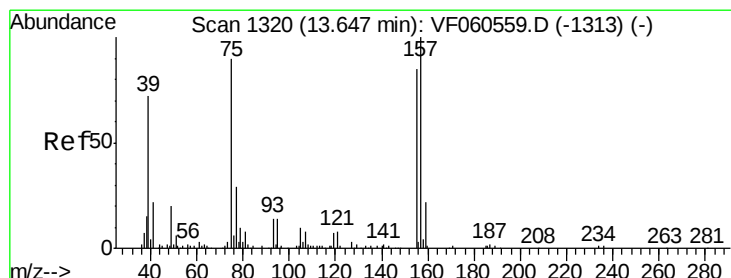
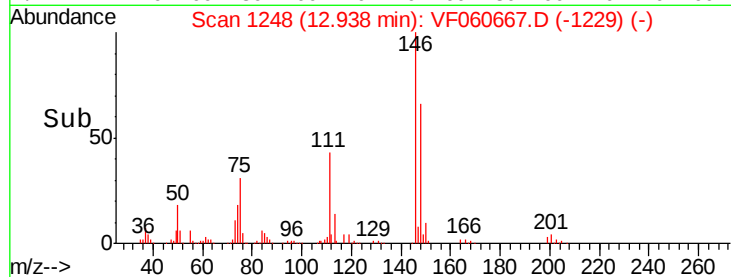
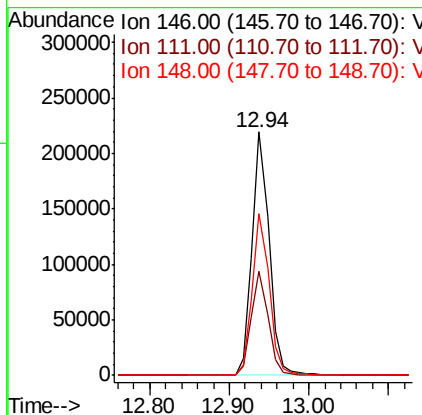
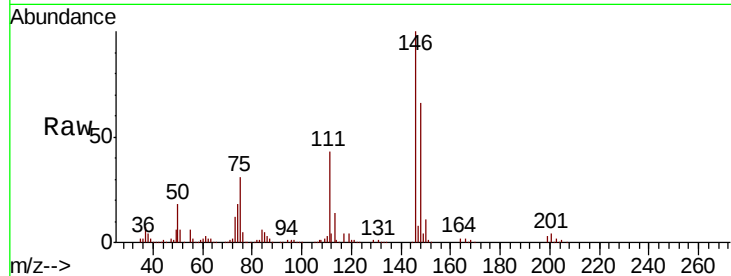
#91
 1,2-Dichlorobenzene
 Concen: 45.608 ug/l
 RT: 12.94 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: VF060667.D
 Acq: 9 Nov 2018 11:28

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.3	64.0
148	66.5	32.9	98.7

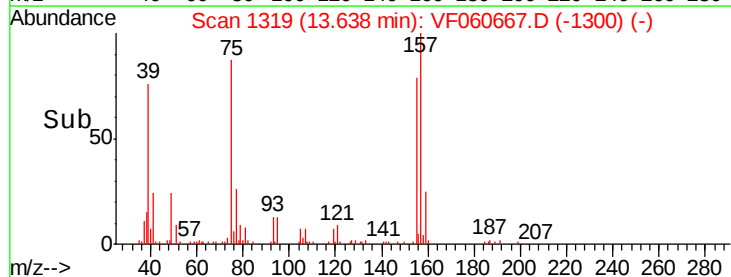
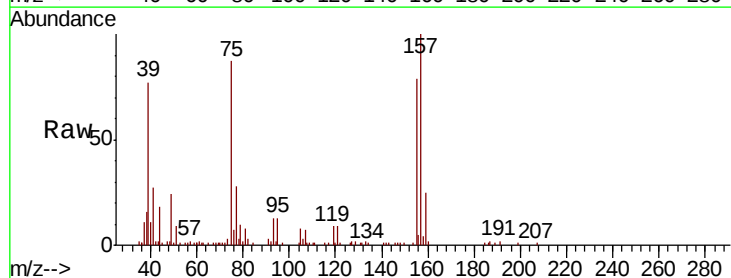
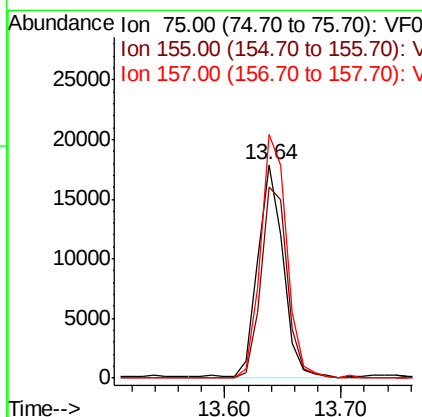
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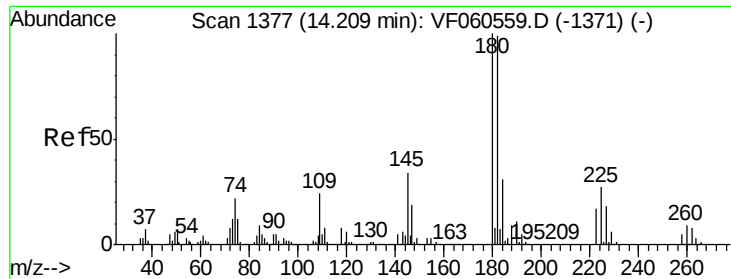
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.195 ug/l
 RT: 13.64 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: VF060667.D
 Acq: 9 Nov 2018 11:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.9	47.3	141.8
157	114.3	55.3	165.9





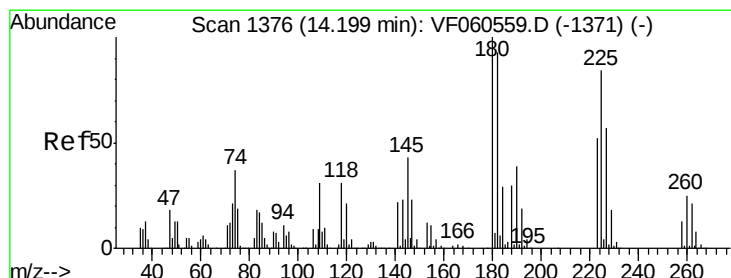
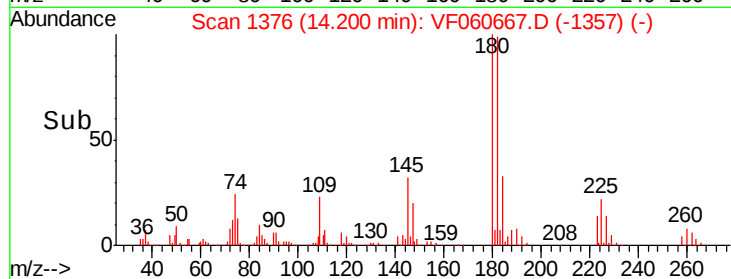
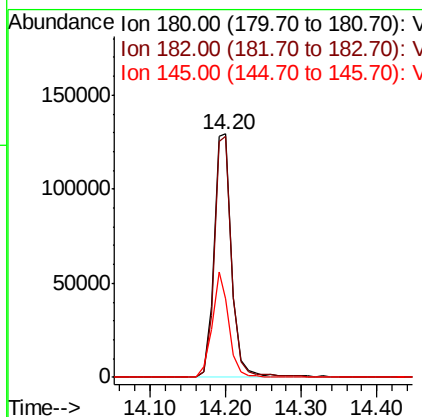
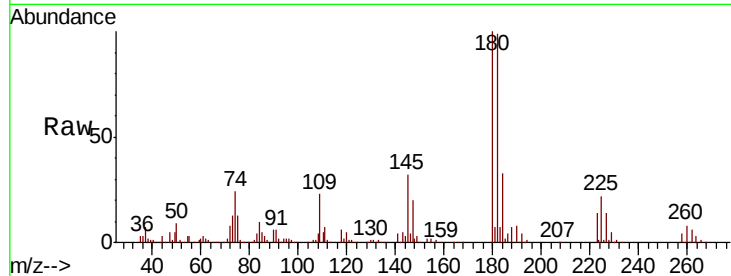
#93
 1,2,4-Trichlorobenzene
 Concen: 44.997 ug/l
 RT: 14.20 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: VF060667.D
 Acq: 9 Nov 2018 11:28

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	215229		
182	99.2	49.7	149.1	
145	32.0	16.9	50.7	

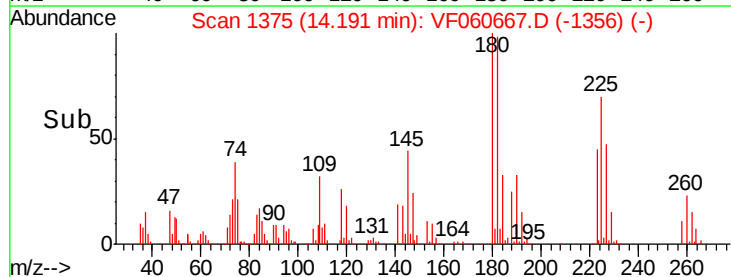
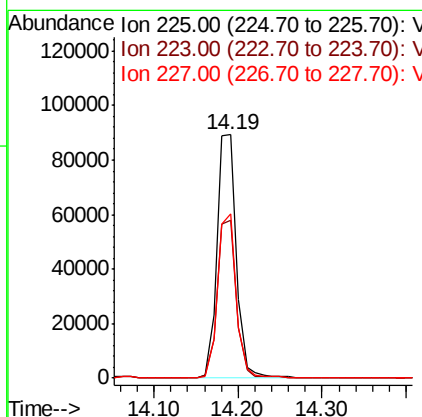
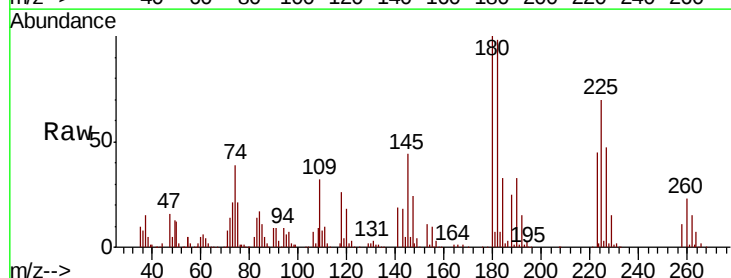
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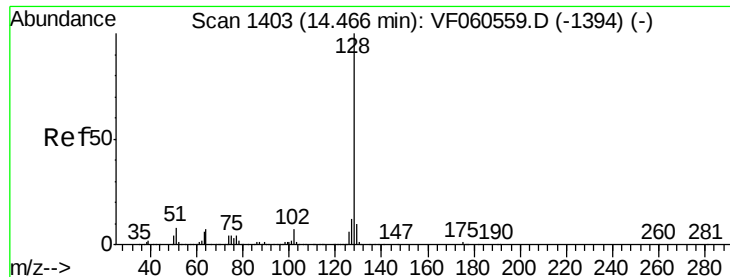
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#94
 Hexachlorobutadiene
 Concen: 46.113 ug/l
 RT: 14.19 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: VF060667.D
 Acq: 9 Nov 2018 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	142927		
223	64.8	30.9	92.5	
227	67.3	33.9	101.6	





#95

Naphthalene

Concen: 42.945 ug/l

RT: 14.45 min Scan# 1401

Delta R.T. -0.02 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Instrument :

MSVOA_F

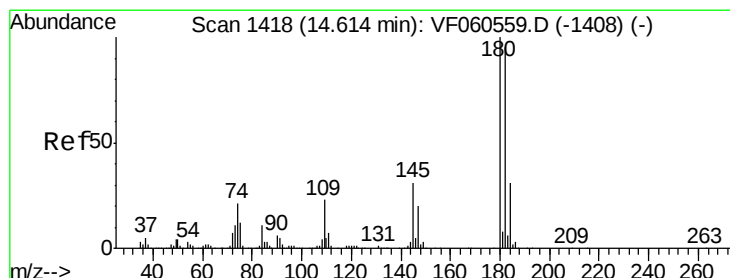
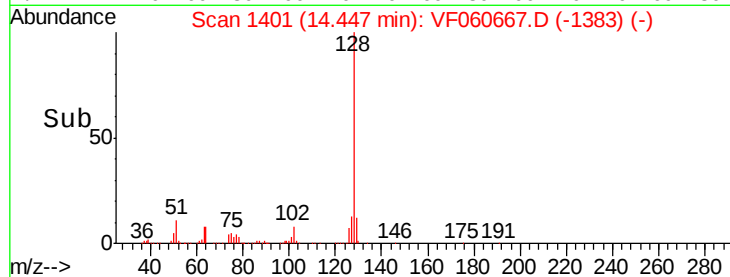
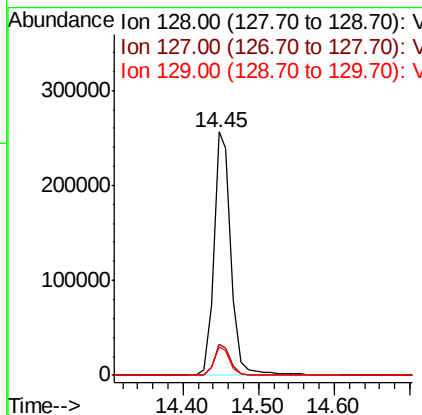
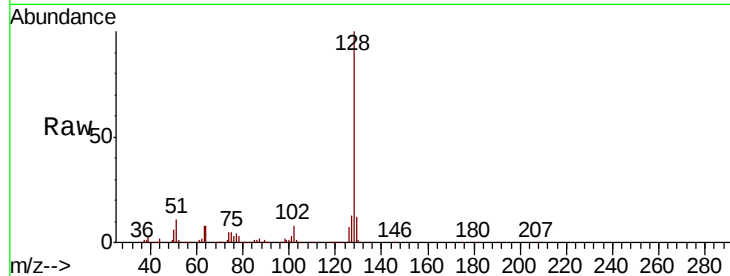
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	411140
Ion Ratio	Lower	Upper	
128	100		
127	13.0	9.4	14.0
129	11.6	8.4	12.6

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 45.683 ug/l

RT: 14.59 min Scan# 1416

Delta R.T. -0.02 min

Lab File: VF060667.D

Acq: 9 Nov 2018 11:28

Tgt Ion:	180	Resp:	206413
Ion Ratio	Lower	Upper	
180	100		
182	97.8	47.3	142.0
145	37.6	15.6	46.8

