

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059725.D
 Acq On : 31 Jul 2018 23:58
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 8/1/2018 4:29:42 PM

Quant Time: Aug 01 07:57:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	159669	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	230053	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	232202	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.64	152	150937	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	155348	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.28%	
35) Dibromofluoromethane	4.30	113	130062	54.43	ug/l	0.01
Spiked Amount 50.000			Recovery	=	108.86%	
50) Toluene-d8	7.71	98	288939	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	11.51	95	173578	56.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.54%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	0.99	85	97088	54.583	ug/l	97
3) Chloromethane	1.08	50	49293	53.508	ug/l	94
4) Vinyl Chloride	1.15	62	49450	49.940	ug/l	95
5) Bromomethane	1.33	94	46231	57.508	ug/l	93
6) Chloroethane	1.42	64	35567	59.920	ug/l	92
7) Trichlorofluoromethane	1.53	101	170372m	57.138	ug/l	
8) Diethyl Ether	1.70	74	23979	47.032	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	1.90	101	89372	57.228	ug/l	97
10) Methyl Iodide	1.95	142	125954	57.848	ug/l	93
11) Tert butyl alcohol	2.68	59	25574	220.862	ug/l	98
12) 1,1-Dichloroethene	1.84	96	62185	50.291	ug/l	88
13) Acrolein	2.09	56	15843	260.685	ug/l	95
14) Allyl chloride	2.19	41	102409	51.873	ug/l	99
15) Acrylonitrile	3.08	53	47493	256.150	ug/l	93
16) Acetone	2.34	43	110833	214.729	ug/l	96
17) Carbon Disulfide	1.88	76	133055m	52.937	ug/l	
18) Methyl Acetate	2.44	43	44470m	56.114	ug/l	
19) Methyl tert-butyl Ether	2.54	73	190330	50.475	ug/l	99
20) Methylene Chloride	2.28	84	61783	55.703	ug/l	90
21) trans-1,2-Dichloroethene	2.41	96	61198	56.887	ug/l	93
22) Diisopropyl ether	2.93	45	210495	50.419	ug/l	100
23) Vinyl Acetate	3.33	43	521730	243.070	ug/l #	96
24) 1,1-Dichloroethane	3.01	63	147940	51.005	ug/l	98
25) 2-Butanone	4.53	43	136812	237.510	ug/l #	83
26) 2,2-Dichloropropane	3.76	77	102829	49.732	ug/l	94
27) cis-1,2-Dichloroethene	3.63	96	74225	47.788	ug/l	96
28) Bromochloromethane	3.88	49	54169	53.982	ug/l	89
29) Tetrahydrofuran	4.25	42	49726	224.607	ug/l	95
30) Chloroform	4.04	83	212182	51.832	ug/l	98
31) Cyclohexane	3.86	56	68161	48.350	ug/l	88
32) 1,1,1-Trichloroethane	4.28	97	170683	53.753	ug/l	99
36) 1,1-Dichloropropene	4.46	75	117773	50.618	ug/l	99
37) Ethyl Acetate	4.30	43	56487	49.121	ug/l #	63
38) Carbon Tetrachloride	4.17	117	183798m	50.250	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.62	83	93367	52.824	ug/l	98
40) Benzene	4.81	78	212063	45.646	ug/l	99
41) Methacrylonitrile	4.92	41	26064	44.708	ug/l #	79
42) 1,2-Dichloroethane	5.12	62	170487	52.435	ug/l	97
43) Isopropyl Acetate	7.12	43	53651	39.002	ug/l #	90
44) Trichloroethene	5.68	130	83465	53.983	ug/l	83
45) 1,2-Dichloropropane	6.41	63	61422	50.062	ug/l	99
46) Dibromomethane	6.25	93	60433	51.881	ug/l	94
47) Bromodichloromethane	6.54	83	160340	50.547	ug/l	97
48) Methyl methacrylate	6.87	41	45303	43.784	ug/l	96
49) 1,4-Dioxane	6.87	88	5813	877.430	ug/l #	83
51) 4-Methyl-2-Pentanone	8.41	43	246657	235.714	ug/l	97
52) Toluene	7.78	92	160084	51.855	ug/l	99
53) t-1,3-Dichloropropene	8.43	75	131364	47.727	ug/l	96
54) cis-1,3-Dichloropropene	7.46	75	125659	47.134	ug/l	98
55) 1,1,2-Trichloroethane	8.64	97	61137	48.589	ug/l	91
56) Ethyl methacrylate	8.76	69	61248	46.676	ug/l	97
57) 1,3-Dichloropropane	9.00	76	102401	47.439	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.78	63	38783	255.987	ug/l #	100
59) 2-Hexanone	9.63	43	180390	215.119	ug/l	96
60) Dibromochloromethane	8.86	129	113511	51.126	ug/l	96
61) 1,2-Dibromoethane	9.14	107	71983	48.993	ug/l	93
64) Tetrachloroethene	8.31	164	85356	54.885	ug/l	99
65) Chlorobenzene	9.95	112	226899	48.848	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.07	131	108300	49.940	ug/l	96
67) Ethyl Benzene	10.04	91	399128	49.663	ug/l	99
68) m/p-Xylenes	10.27	106	266050	106.549	ug/l	93
69) o-Xylene	10.83	106	153566	51.858	ug/l	87
70) Styrene	10.90	104	224646	50.076	ug/l	97
71) Bromoform	10.89	173	71577	50.653	ug/l	95
73) Isopropylbenzene	11.23	105	492155	49.694	ug/l	98
74) N-amyl acetate	11.46	43	107473	43.013	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.79	83	90231	48.400	ug/l	100
76) 1,2,3-Trichloropropane	11.89	75	75484	47.616	ug/l	100
77) Bromobenzene	11.60	156	118701	45.899	ug/l	89
78) n-propylbenzene	11.69	91	559927	55.732	ug/l	99
79) 2-Chlorotoluene	11.82	91	352798	55.723	ug/l	100
80) 1,3,5-Trimethylbenzene	11.92	105	441865	56.774	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.96	75	29701m	45.241	ug/l	
82) 4-Chlorotoluene	11.99	91	372035	54.907	ug/l	98
83) tert-Butylbenzene	12.21	119	451351	50.768	ug/l	96
84) 1,2,4-Trimethylbenzene	12.29	105	448026	56.823	ug/l	97
85) sec-Butylbenzene	12.39	105	586384	58.926	ug/l	97
86) p-Isopropyltoluene	12.54	119	506409	58.358	ug/l	98
87) 1,3-Dichlorobenzene	12.56	146	233999	55.911	ug/l	96
88) 1,4-Dichlorobenzene	12.65	146	228511	53.732	ug/l	99
89) n-Butylbenzene	12.92	91	484612	58.921	ug/l	98
90) Hexachloroethane	12.99	117	132117	52.890	ug/l	94
91) 1,2-Dichlorobenzene	13.02	146	232661	56.918	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.71	75	24048	52.767	ug/l	97

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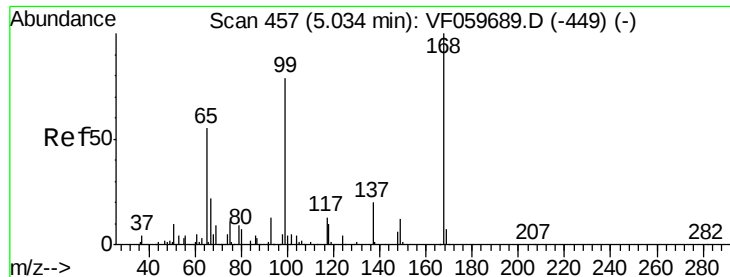
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	179507	55.087	ug/l	99
94) Hexachlorobutadiene	14.25	225	129415	52.274	ug/l	99
95) Naphthalene	14.52	128	331993	51.016	ug/l	97
96) 1,2,3-Trichlorobenzene	14.67	180	185574	51.593	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.01 min

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Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 159669

Ion Ratio Lower Upper

168 100

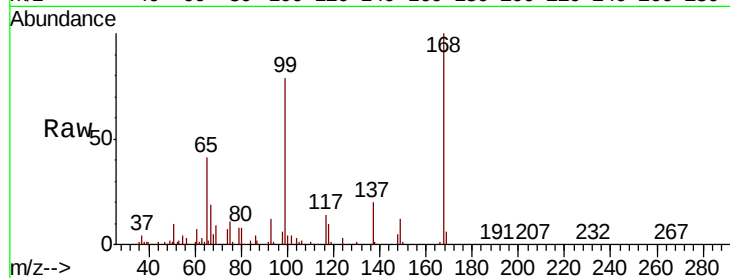
99 78.6 63.3 94.9

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

60000

50000

40000

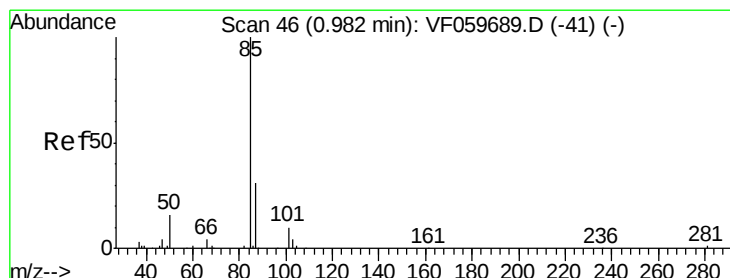
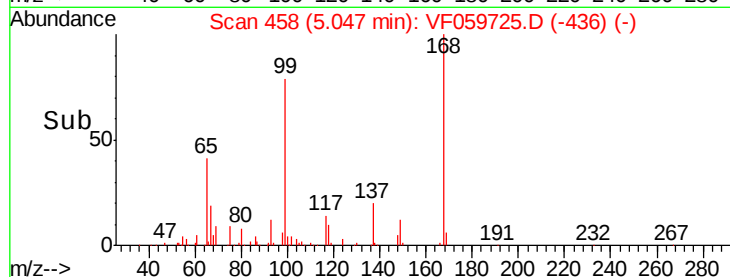
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.583 ug/l

RT: 0.99 min Scan# 46

Delta R.T. 0.00 min

Lab File: VF059725.D

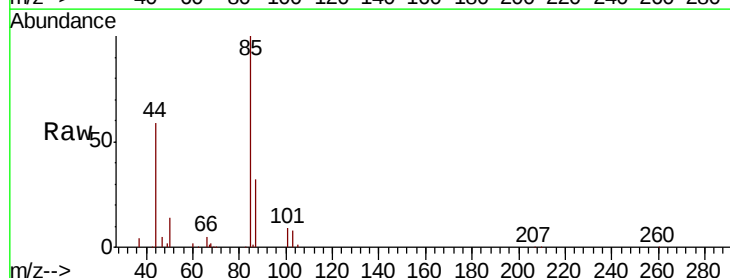
Acq: 31 Jul 2018 23:58

Tgt Ion: 85 Resp: 97088

Ion Ratio Lower Upper

85 100

87 32.0 15.3 45.8



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.99

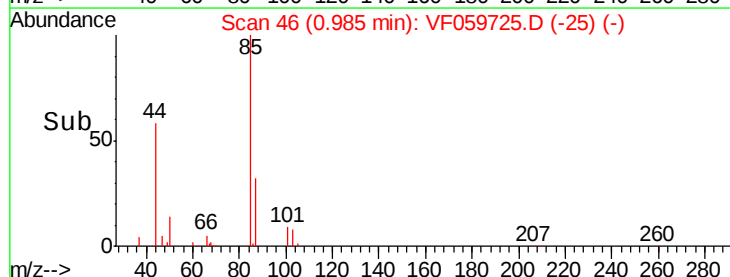
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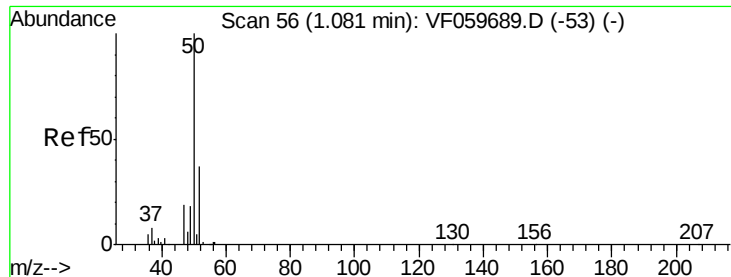
20000

10000

0

Time-->





#3

Chloromethane

Concen: 53.508 ug/l

RT: 1.08 min Scan# 56

Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 49293

Ion Ratio Lower Upper

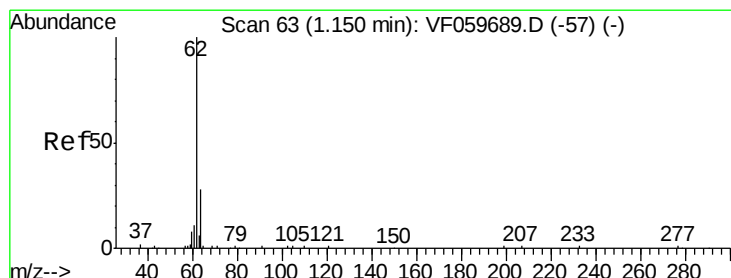
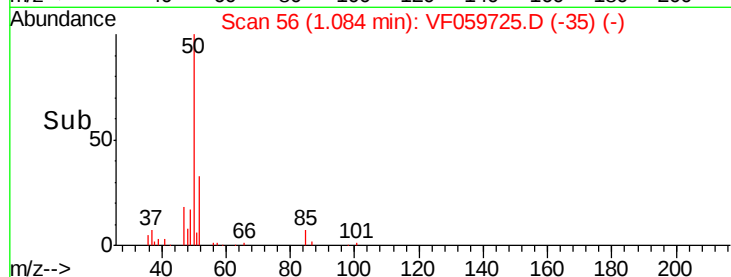
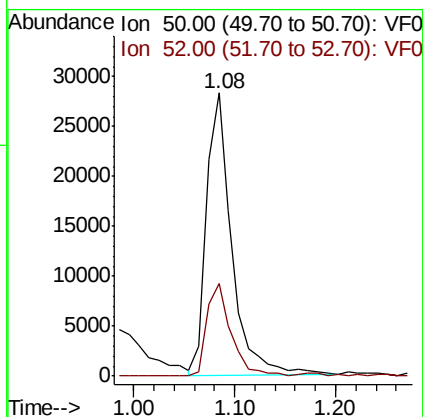
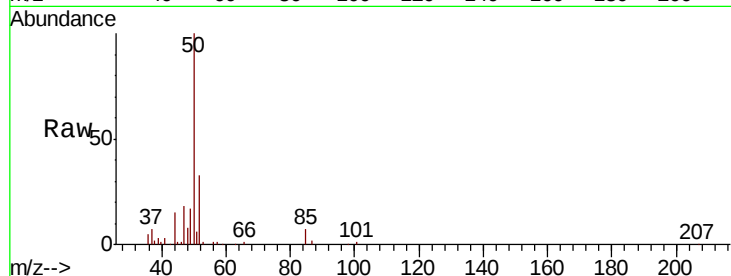
50 100

52 32.9 29.1 43.7

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#4

Vinyl Chloride

Concen: 49.940 ug/l

RT: 1.15 min Scan# 63

Delta R.T. 0.00 min

Lab File: VF059725.D

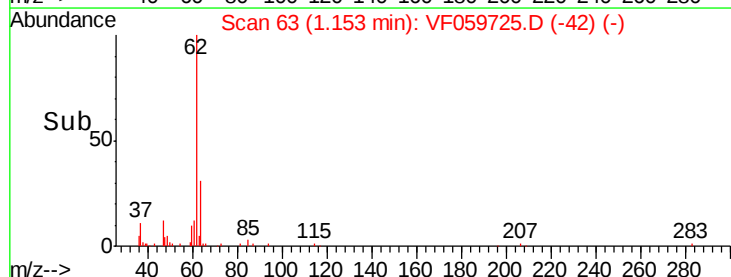
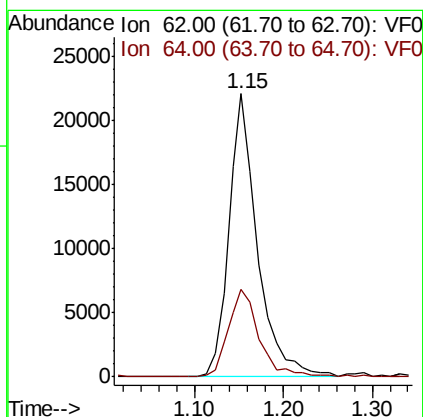
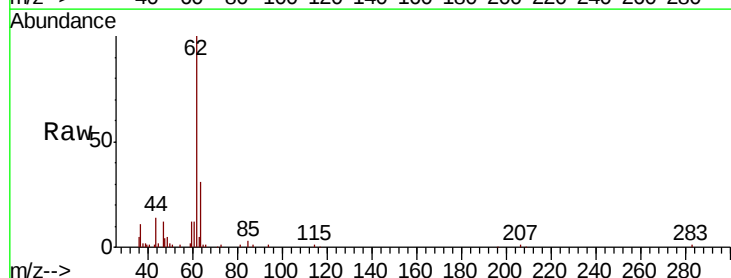
Acq: 31 Jul 2018 23:58

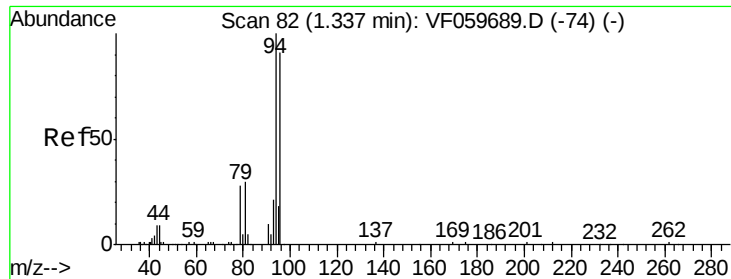
Tgt Ion: 62 Resp: 49450

Ion Ratio Lower Upper

62 100

64 30.9 22.6 33.8





#5

Bromomethane

Concen: 57.508 ug/l

RT: 1.33 min Scan# 81

Delta R.T. -0.01 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 46231

Ion Ratio Lower Upper

94 100

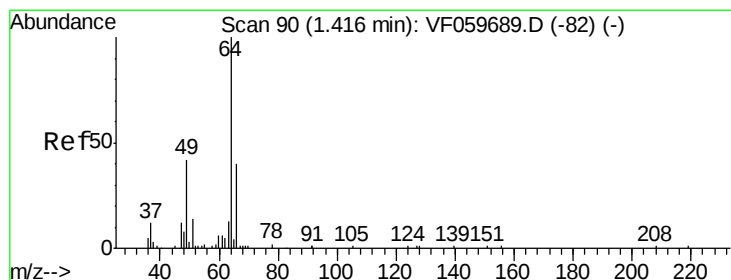
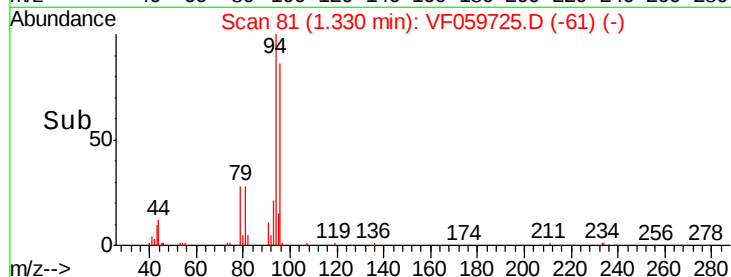
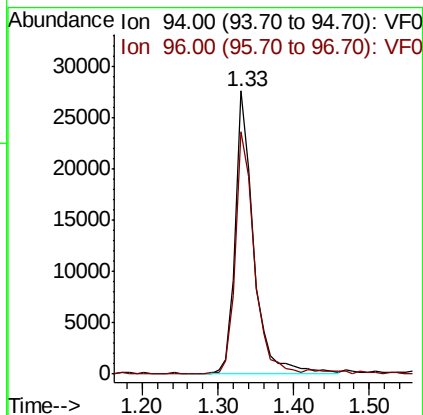
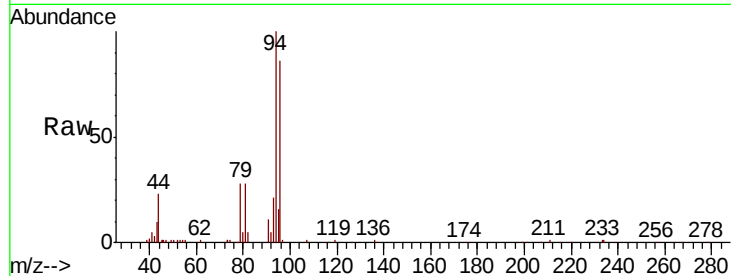
96 85.7 73.6 110.4

Manual Integrations

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#6

Chloroethane

Concen: 59.920 ug/l

RT: 1.42 min Scan# 90

Delta R.T. 0.00 min

Lab File: VF059725.D

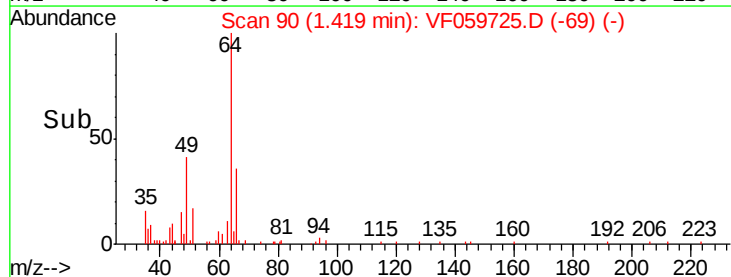
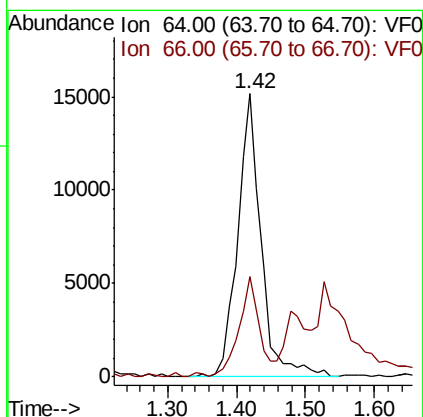
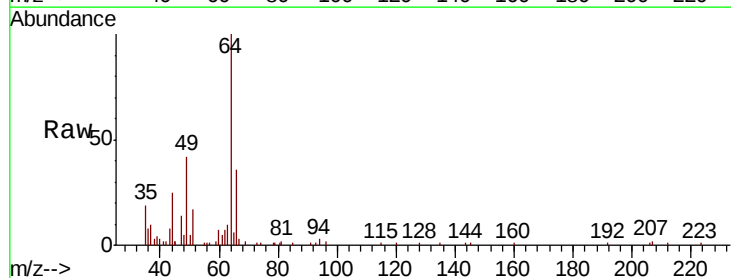
Acq: 31 Jul 2018 23:58

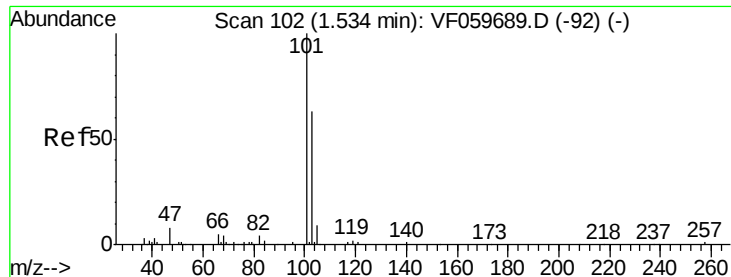
Tgt Ion: 64 Resp: 35567

Ion Ratio Lower Upper

64 100

66 35.6 32.6 49.0





#7

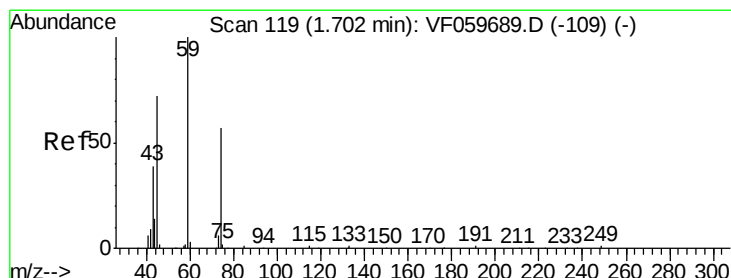
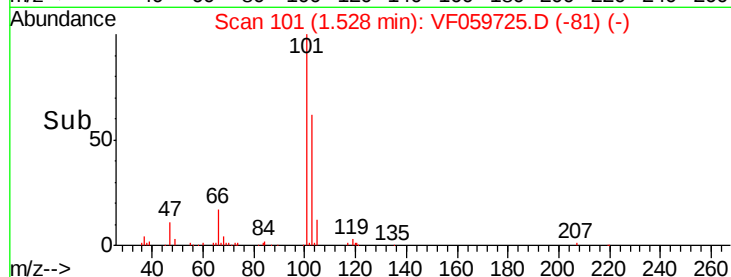
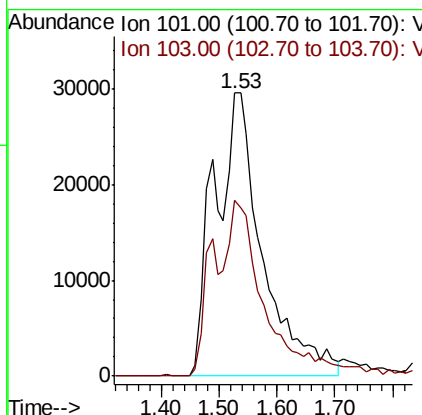
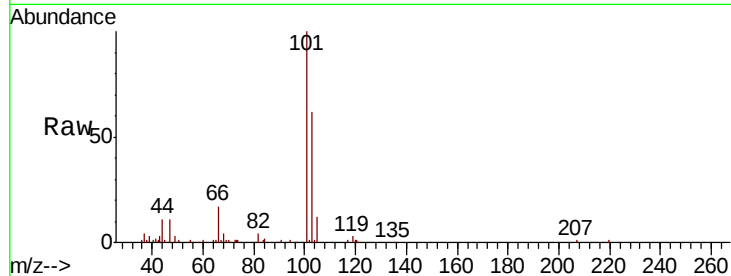
Trichlorofluoromethane
Concen: 57.138 ug/l m
RT: 1.53 min Scan# 101
Delta R.T. -0.01 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.9	50.8	76.2

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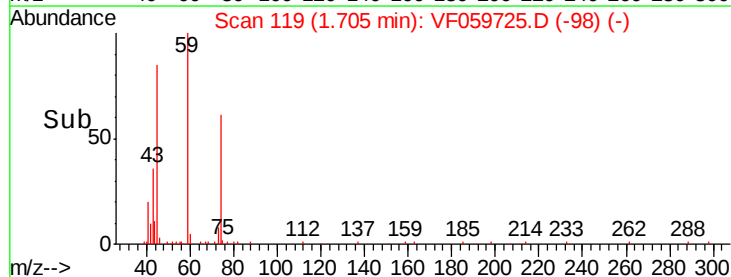
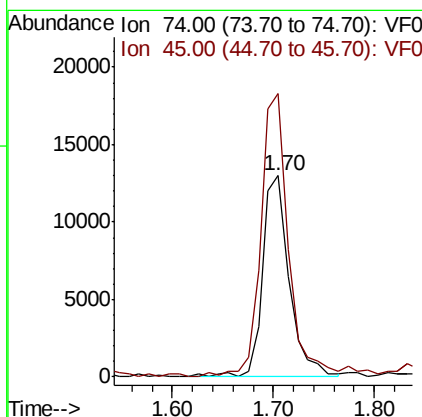
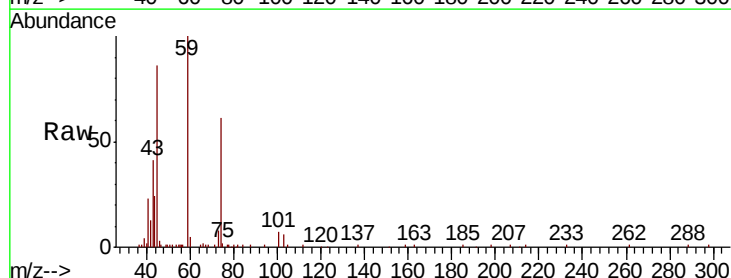
apatel
8/1/2018 4:29:42 PM

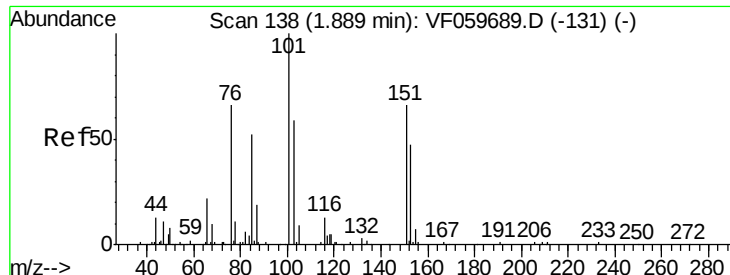


#8

Diethyl Ether
Concen: 47.032 ug/l
RT: 1.70 min Scan# 119
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	140.7	62.7	188.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.228 ug/l

RT: 1.90 min Scan# 139

Delta R.T. 0.01 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

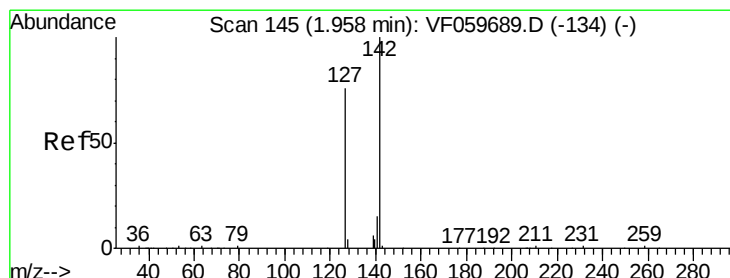
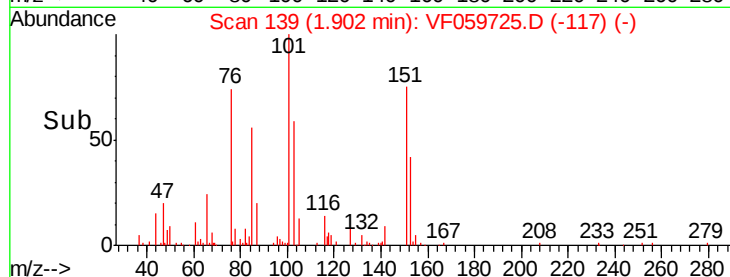
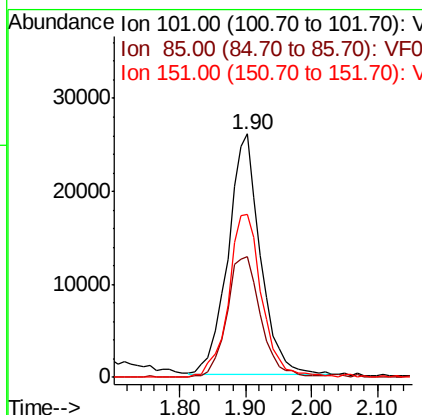
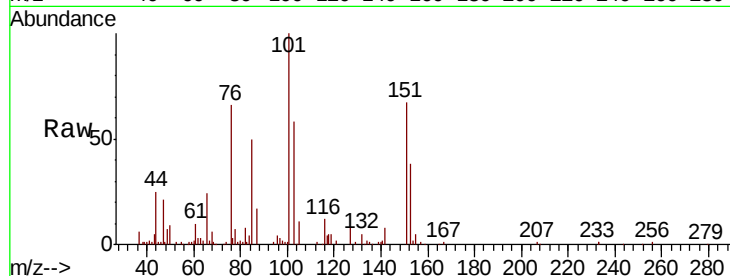
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	89372
Ion Ratio	Lower	Upper	
101	100		
85	49.6	40.7	61.1
151	67.0	51.4	77.2

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#10

Methyl Iodide

Concen: 57.848 ug/l

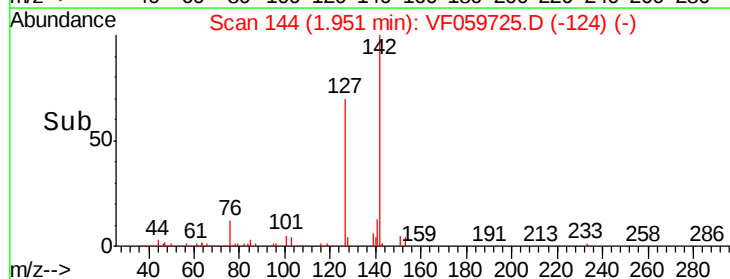
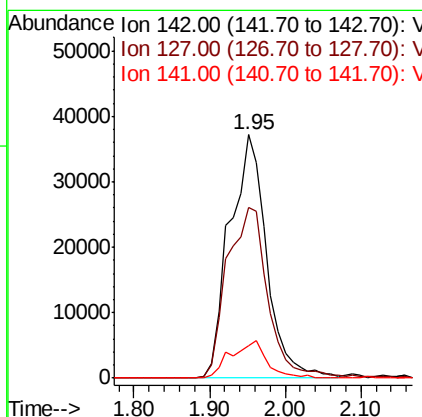
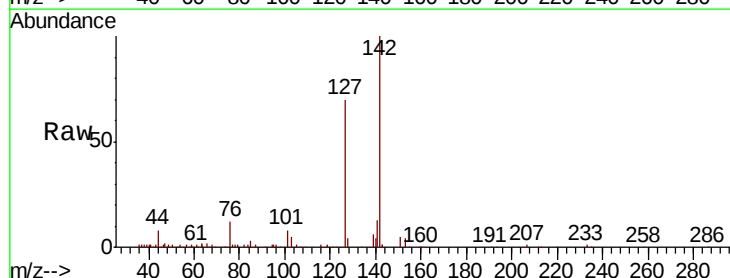
RT: 1.95 min Scan# 144

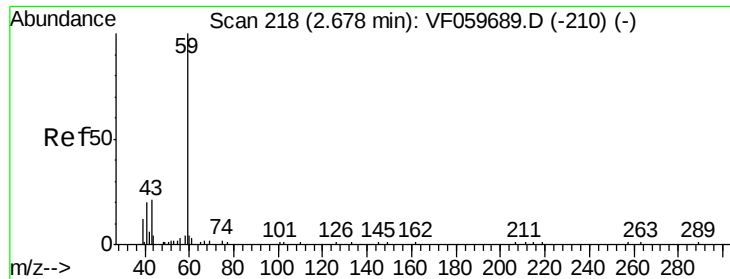
Delta R.T. -0.01 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Tgt Ion:	142	Resp:	125954
Ion Ratio	Lower	Upper	
142	100		
127	69.8	60.6	91.0
141	13.1	12.0	18.0





#11

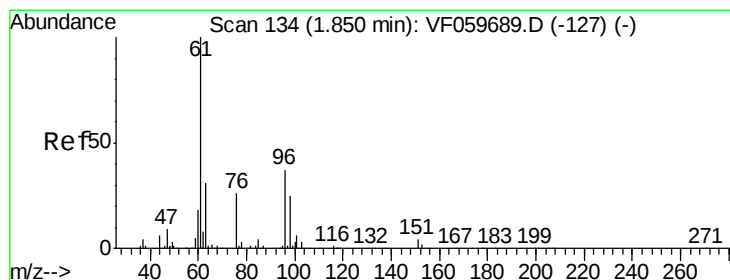
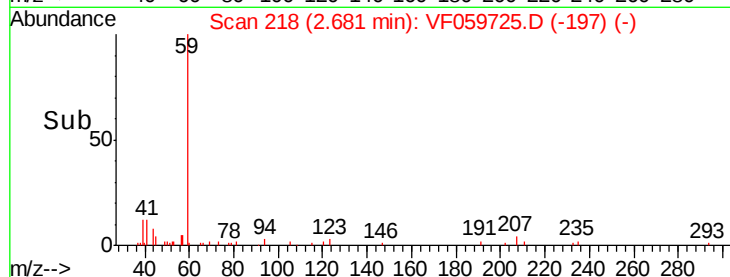
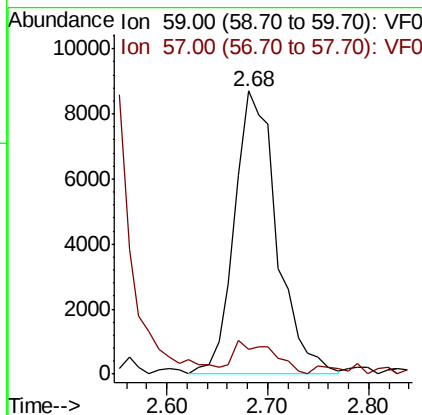
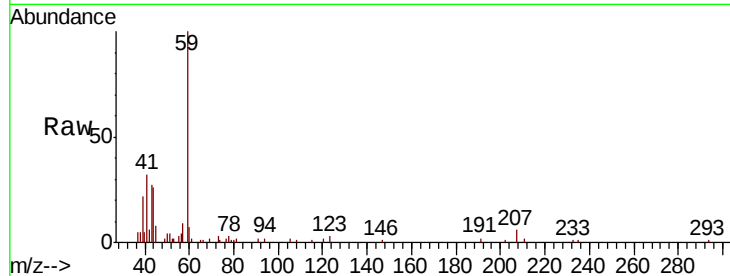
Tert butyl alcohol
 Concen: 220.862 ug/l
 RT: 2.68 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VF059725.D
 Acq: 31 Jul 2018 23:58

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.6	7.6	11.4

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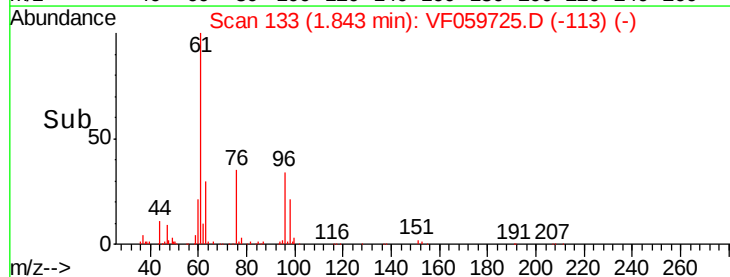
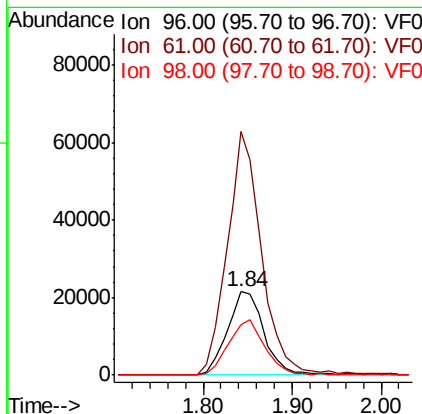
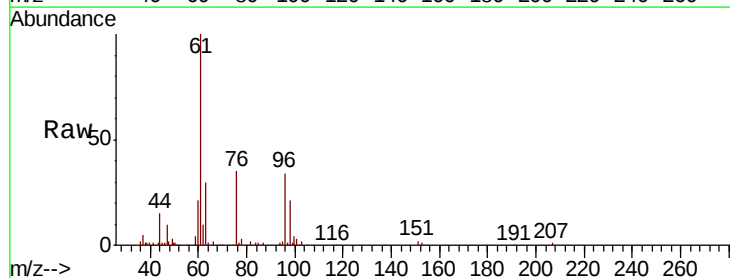
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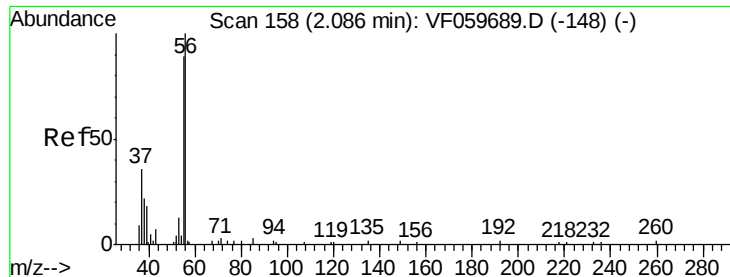


#12

1,1-Dichloroethene
 Concen: 50.291 ug/l
 RT: 1.84 min Scan# 133
 Delta R.T. -0.01 min
 Lab File: VF059725.D
 Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	291.6	215.1	322.7
98	60.8	54.3	81.5





#13

Acrolein

Concen: 260.685 ug/l

RT: 2.09 min Scan# 158

Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 15843

Ion Ratio Lower Upper

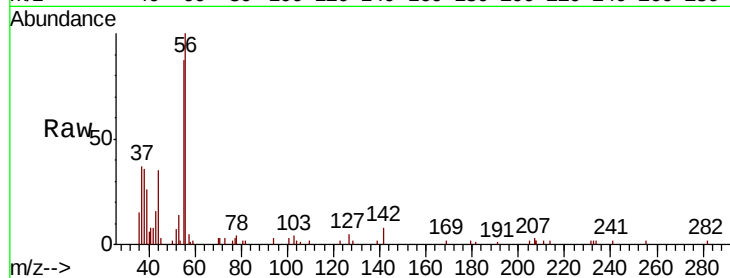
56 100

55 86.7 73.2 109.8

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Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

8000

6000

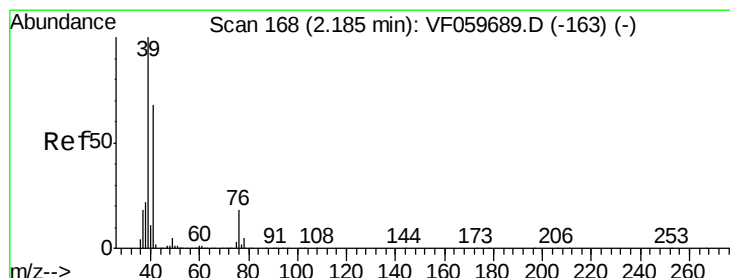
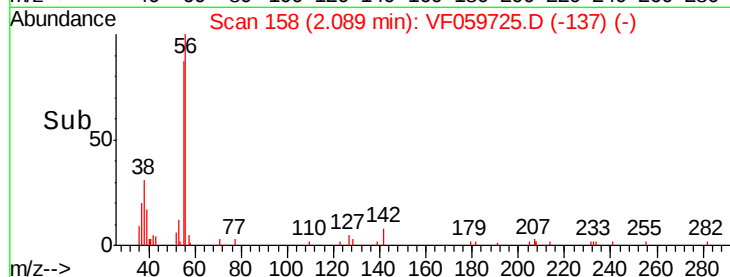
4000

2000

0

2.00 2.10 2.20

Time-->



#14

Allyl chloride

Concen: 51.873 ug/l

RT: 2.19 min Scan# 168

Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

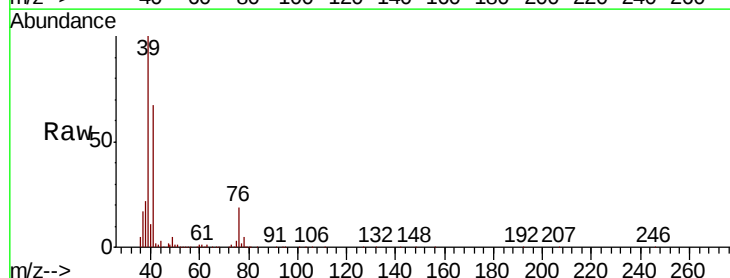
Tgt Ion: 41 Resp: 102409

Ion Ratio Lower Upper

41 100

39 148.7 118.1 177.1

76 28.9 22.0 33.0



Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0

100000

80000

60000

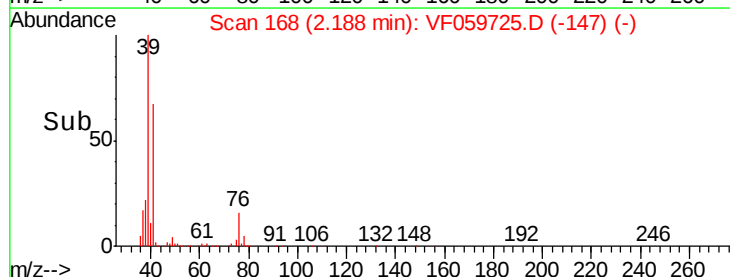
40000

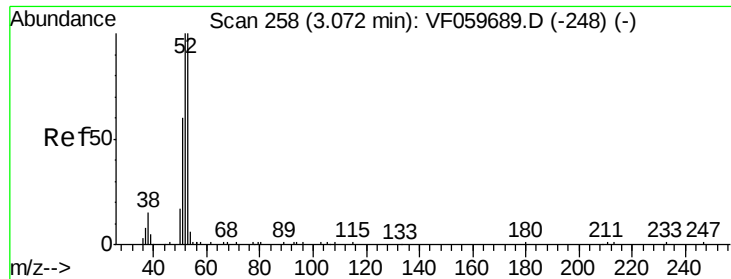
20000

0

2.10 2.20 2.30

Time-->





#15

Acrylonitrile

Concen: 256.150 ug/l

RT: 3.08 min Scan# 258

Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

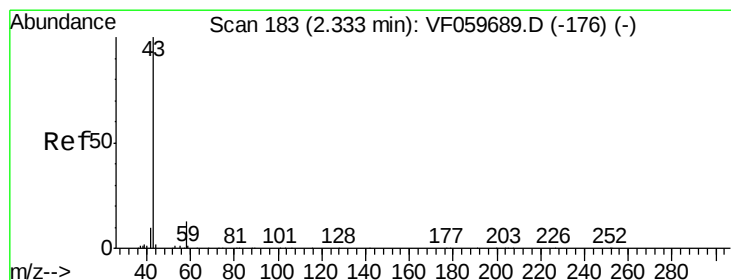
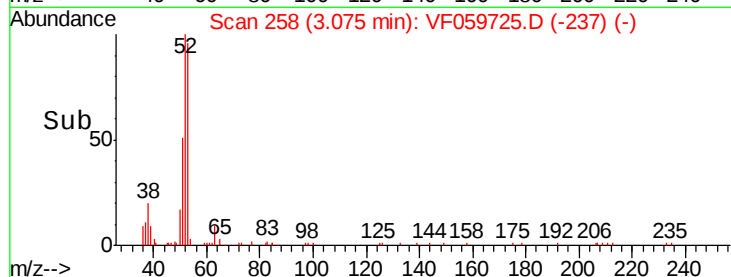
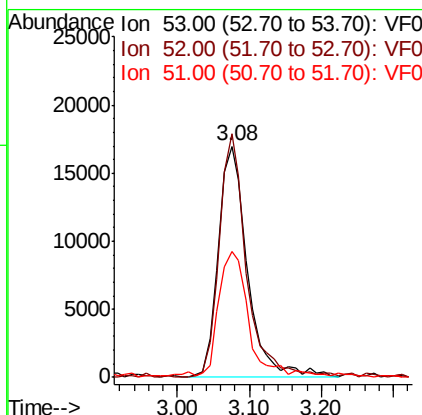
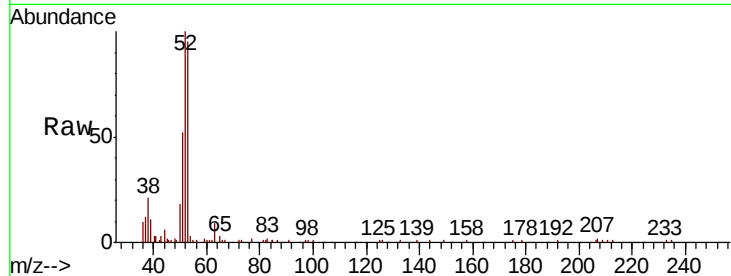
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	47493
Ion	Ratio	Lower	Upper
53	100		
52	105.2	80.3	120.5
51	54.4	49.4	74.0

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#16

Acetone

Concen: 214.729 ug/l

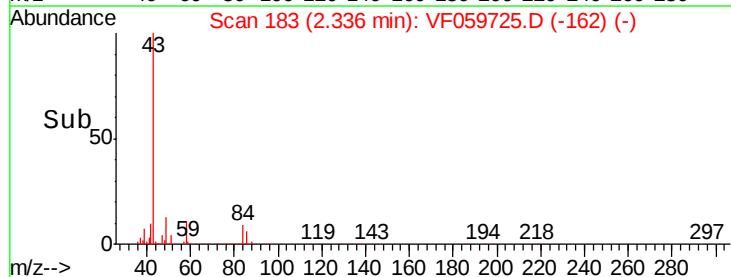
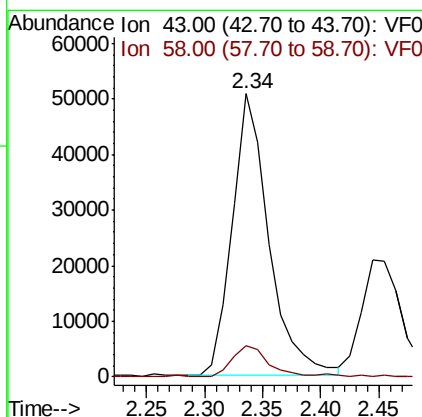
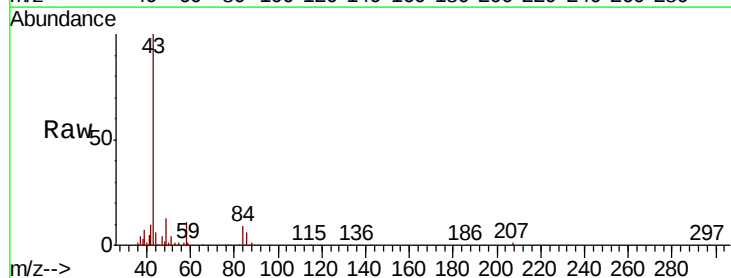
RT: 2.34 min Scan# 183

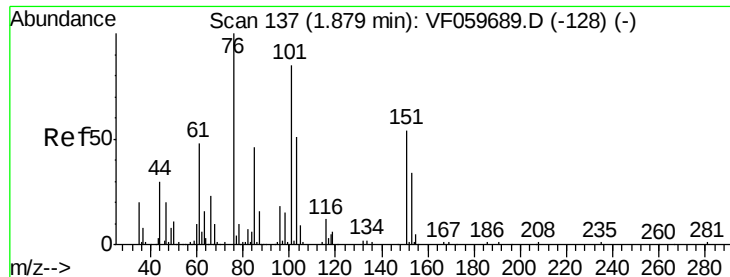
Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Tgt Ion:	43	Resp:	110833
Ion	Ratio	Lower	Upper
43	100		
58	10.8	10.1	15.1





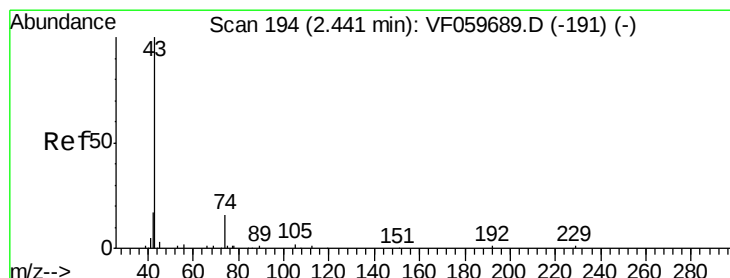
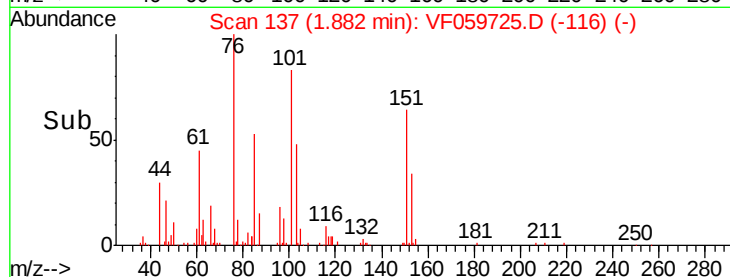
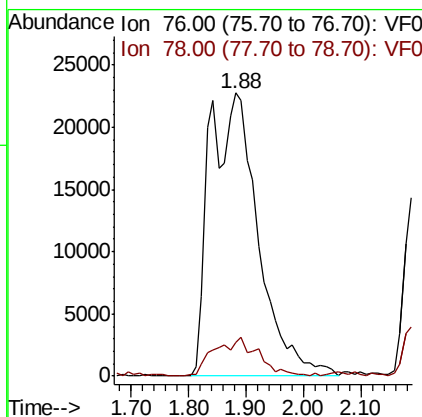
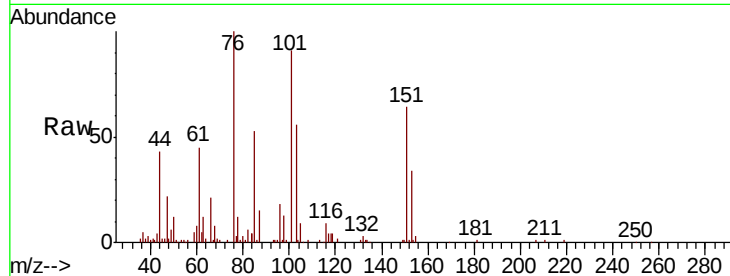
#17
Carbon Disulfide
Concen: 52.937 ug/l m
RT: 1.88 min Scan# 137
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	11.8	8.9	13.3

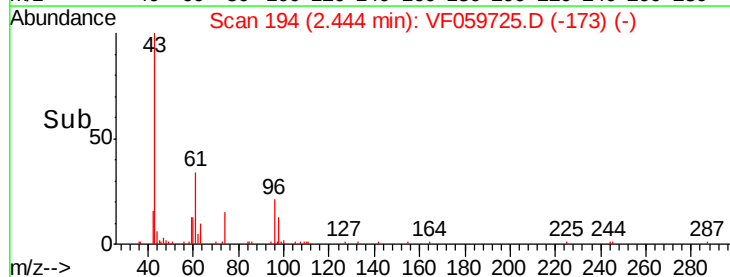
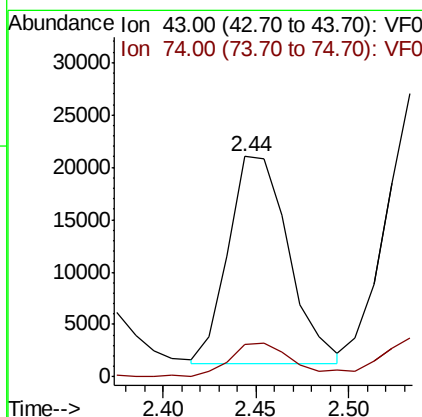
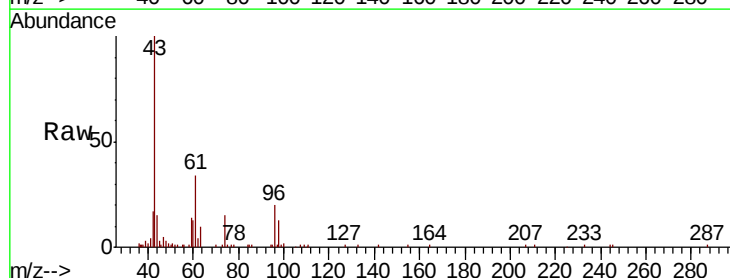
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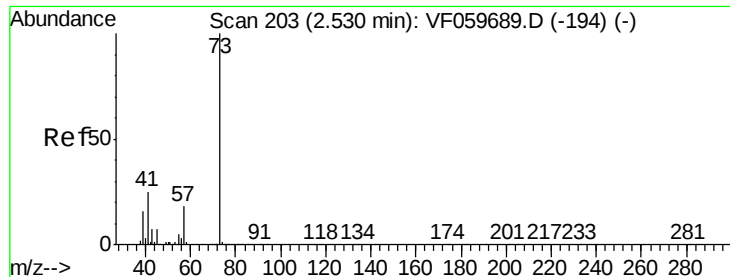
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#18
Methyl Acetate
Concen: 56.114 ug/l m
RT: 2.44 min Scan# 194
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	14.8	11.8	17.6





#19

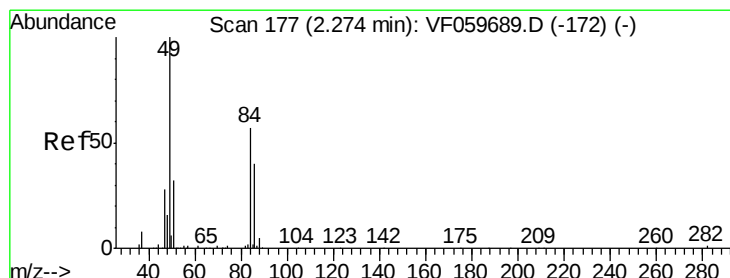
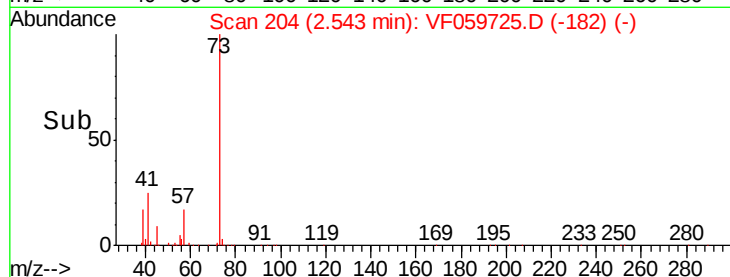
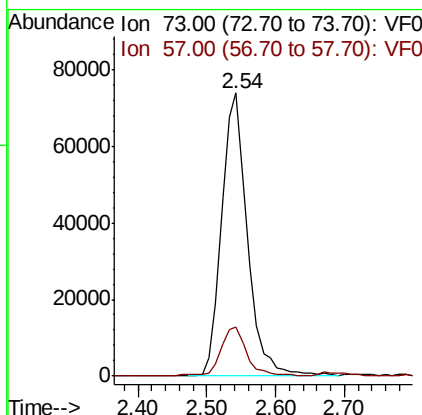
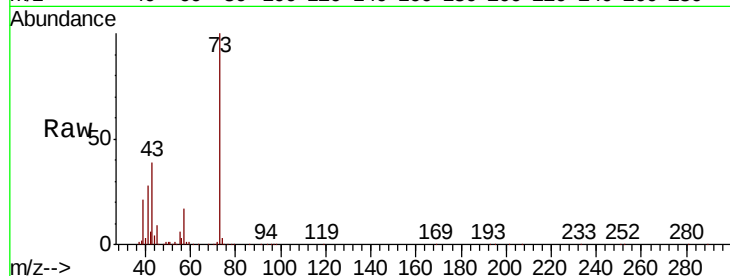
Methyl tert-butyl Ether
 Concen: 50.475 ug/l
 RT: 2.54 min Scan# 204
 Delta R.T. 0.01 min
 Lab File: VF059725.D
 Acq: 31 Jul 2018 23:58

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	17.4	14.2	21.2

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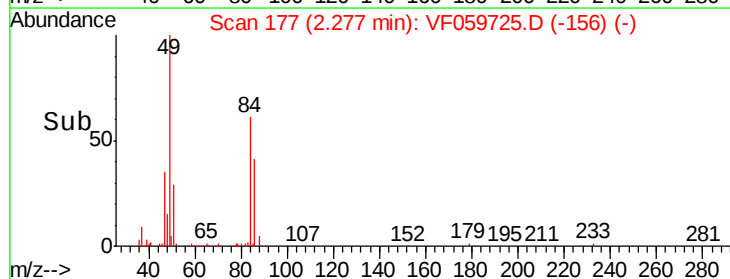
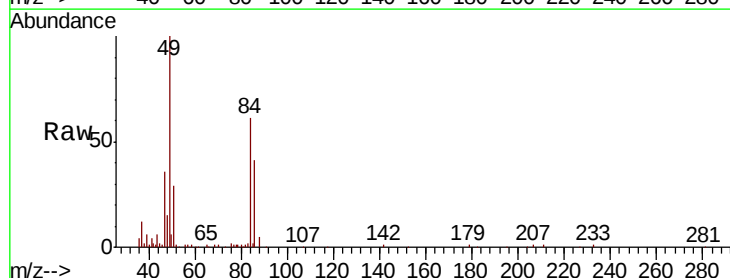
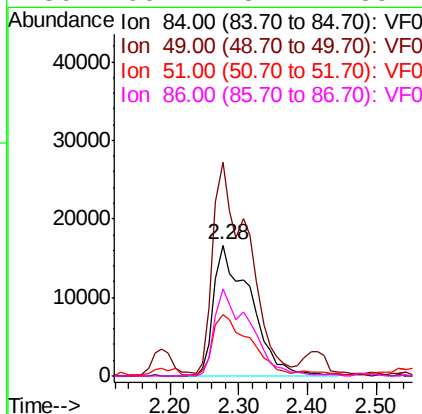
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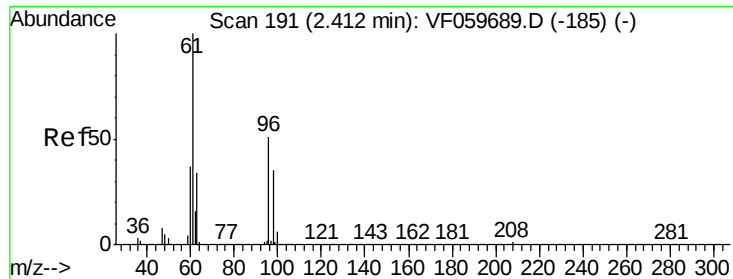


#20

Methylene Chloride
 Concen: 55.703 ug/l
 RT: 2.28 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VF059725.D
 Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	163.5	142.2	213.4
51	46.8	46.2	69.2
86	66.4	57.1	85.7





#21

trans-1,2-Dichloroethene

Concen: 56.887 ug/l

RT: 2.41 min Scan# 191

Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

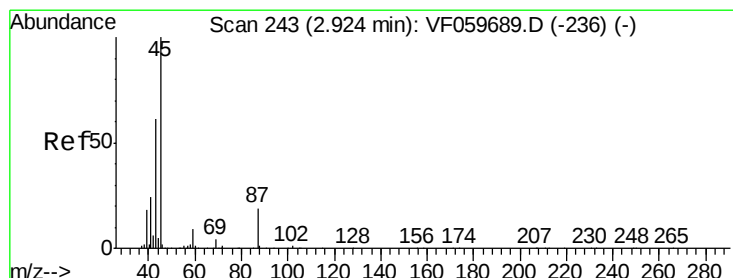
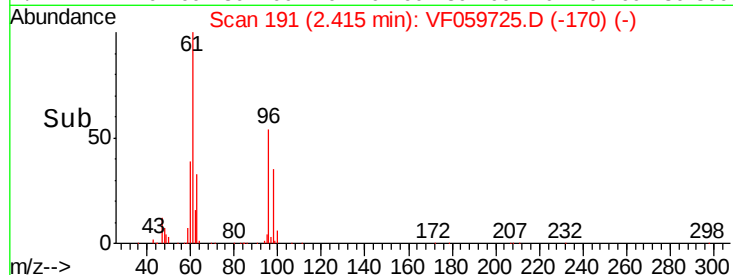
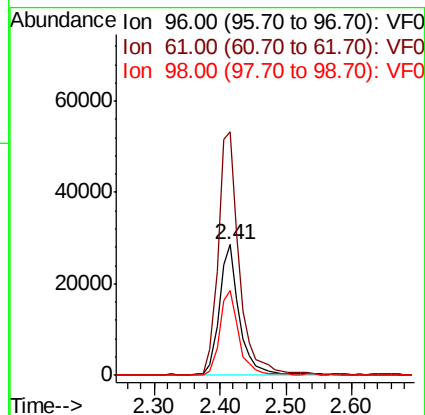
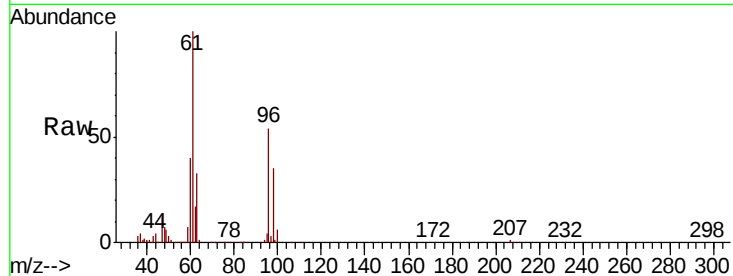
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	61198
Ion	Ratio	Lower	Upper
96	100		
61	186.1	157.4	236.0
98	64.4	55.0	82.4

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#22

Diisopropyl ether

Concen: 50.419 ug/l

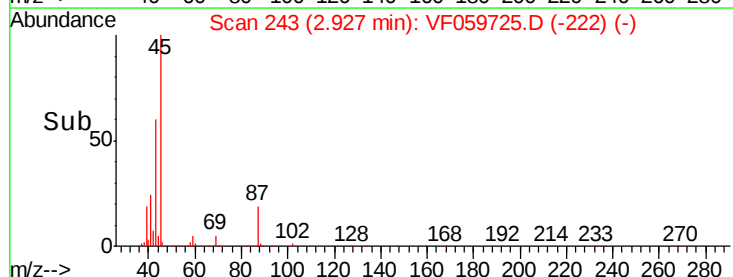
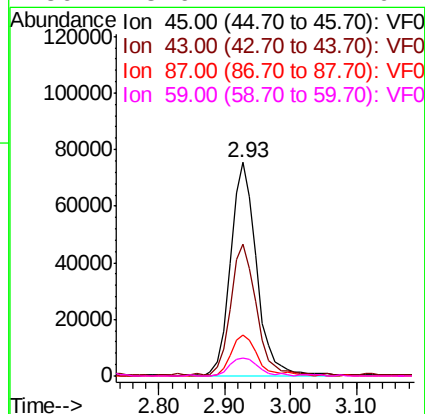
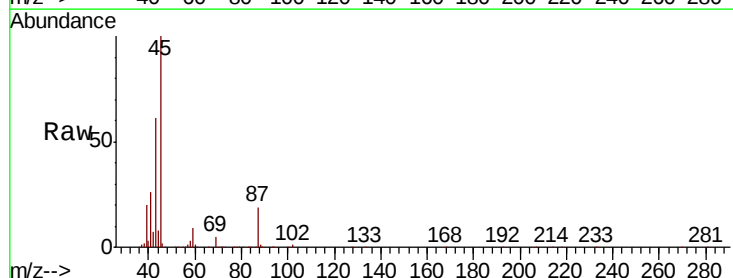
RT: 2.93 min Scan# 243

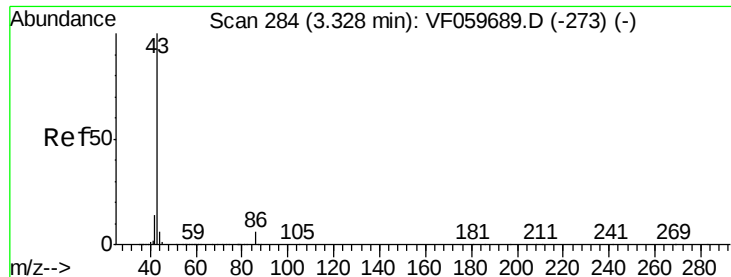
Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Tgt Ion:	45	Resp:	210495
Ion	Ratio	Lower	Upper
45	100		
43	61.5	49.3	73.9
87	19.0	15.3	22.9
59	8.6	7.1	10.7





#23

Vinyl Acetate

Concen: 243.070 ug/l

RT: 3.33 min Scan# 284

Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 521730

Ion Ratio Lower Upper

43 100

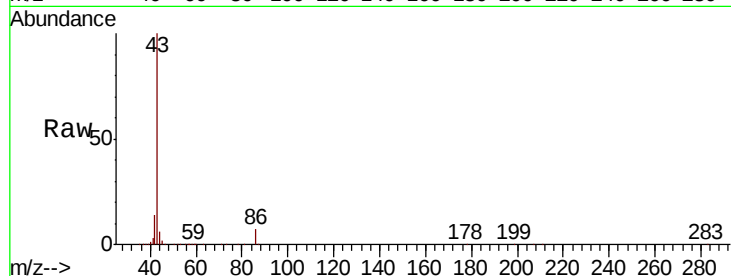
86 7.0 4.6 6.8#

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

250000

200000

150000

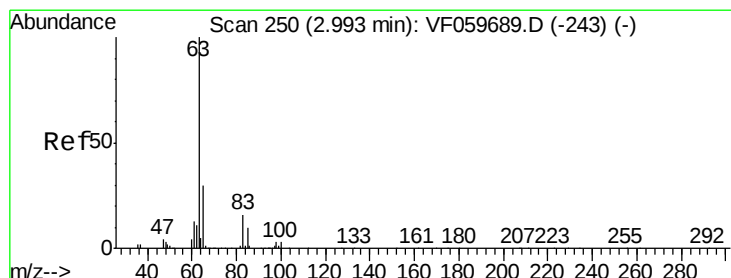
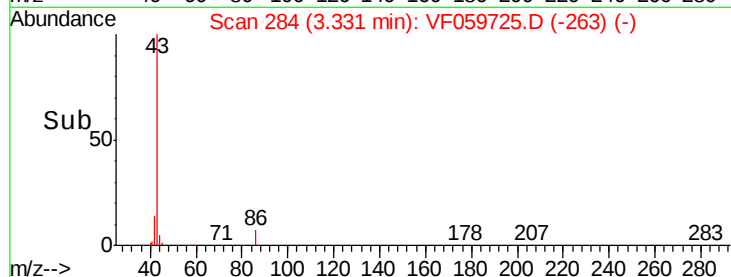
100000

50000

0

3.20 3.30 3.40 3.50

Time-->



#24

1,1-Dichloroethane

Concen: 51.005 ug/l

RT: 3.01 min Scan# 251

Delta R.T. 0.01 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

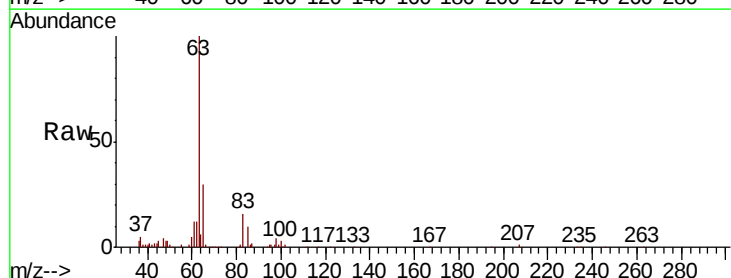
Tgt Ion: 63 Resp: 147940

Ion Ratio Lower Upper

63 100

98 3.8 1.4 4.2

100 2.8 1.6 4.7



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

60000

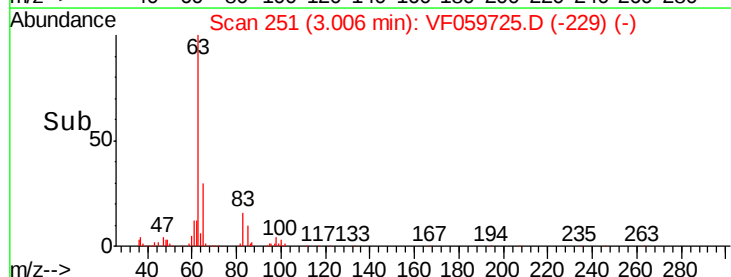
40000

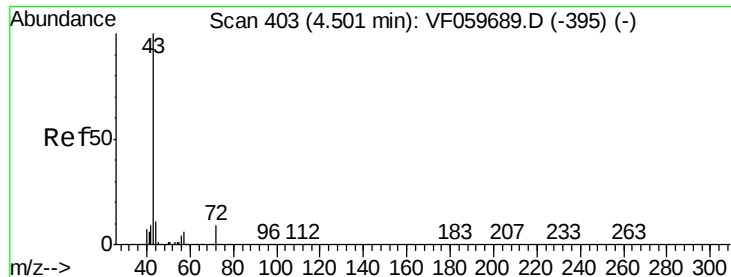
20000

0

2.90 3.00 3.10 3.20

Time-->





#25

2-Butanone

Concen: 237.510 ug/l

RT: 4.53 min Scan# 406

Delta R.T. 0.03 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 136812

Ion Ratio Lower Upper

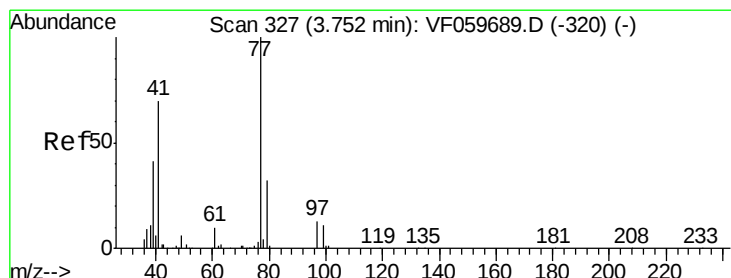
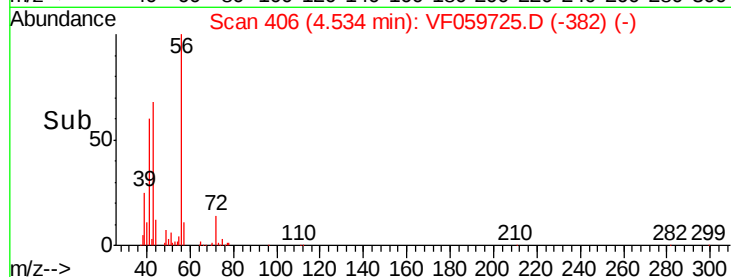
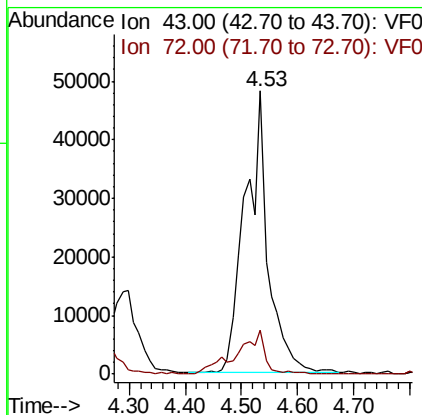
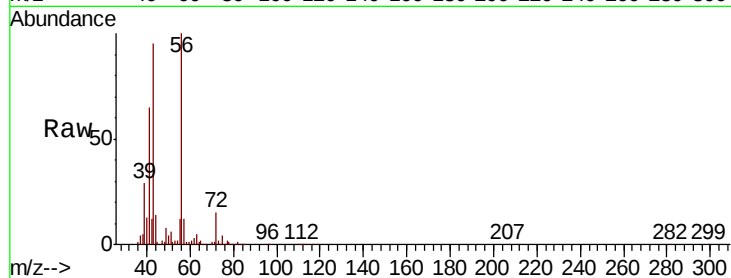
43 100

72 15.7 7.7 11.5#

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#26

2,2-Dichloropropane

Concen: 49.732 ug/l

RT: 3.76 min Scan# 327

Delta R.T. 0.00 min

Lab File: VF059725.D

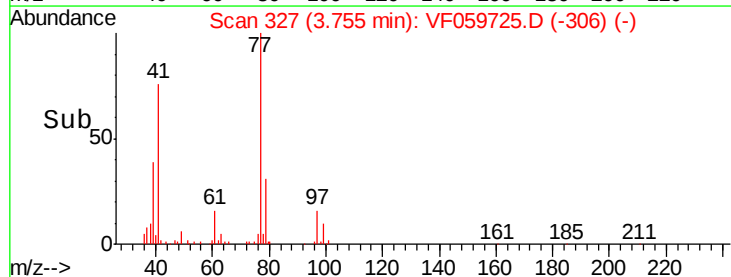
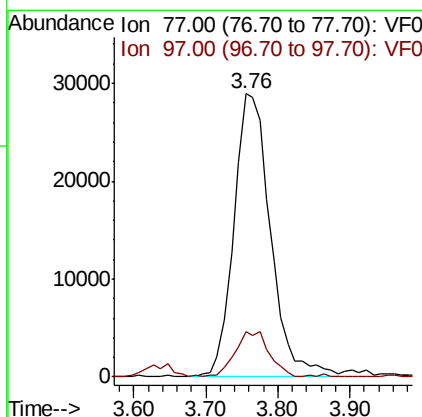
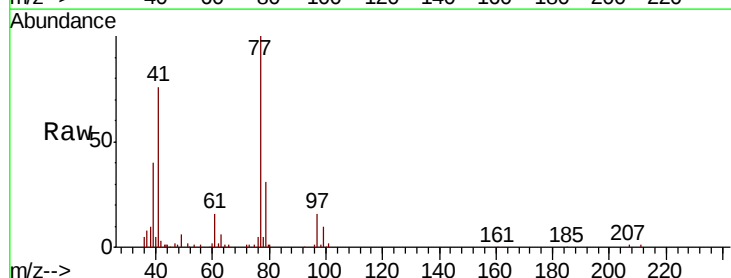
Acq: 31 Jul 2018 23:58

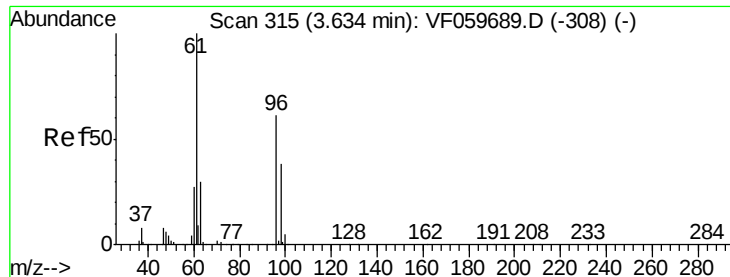
Tgt Ion: 77 Resp: 102829

Ion Ratio Lower Upper

77 100

97 16.0 6.8 20.4





#27

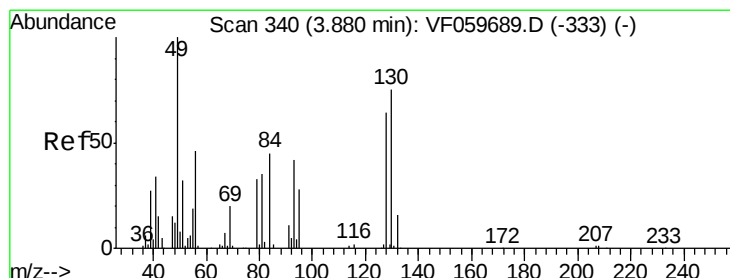
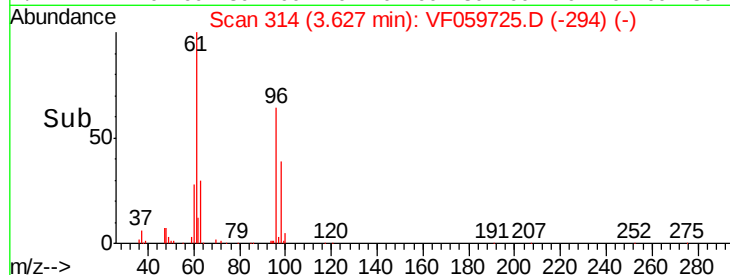
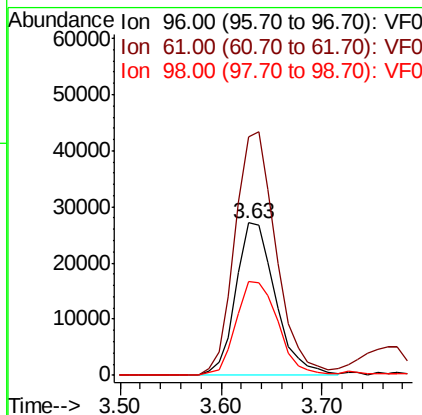
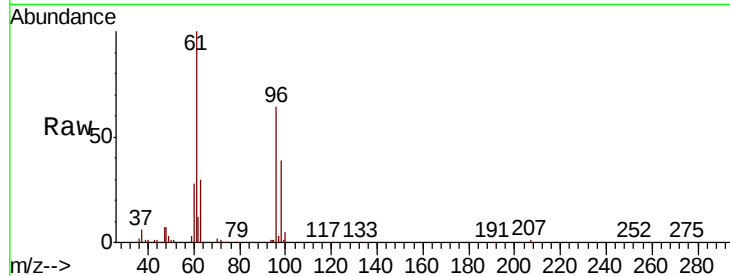
cis-1,2-Dichloroethene
Concen: 47.788 ug/l
RT: 3.63 min Scan# 314
Delta R.T. -0.01 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	74225		
61	156.6		0.0	326.8
98	61.7		0.0	125.2

Manual Integrations
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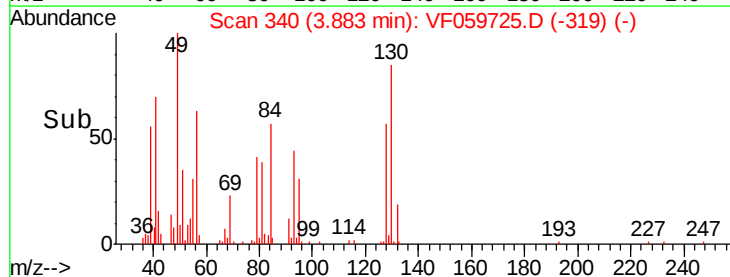
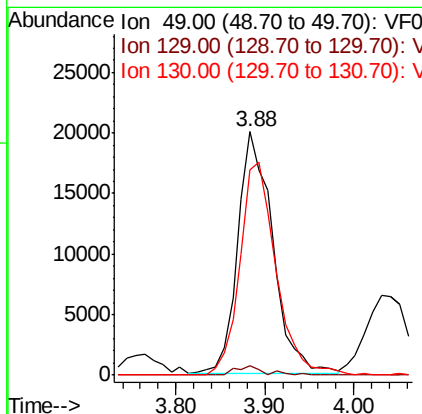
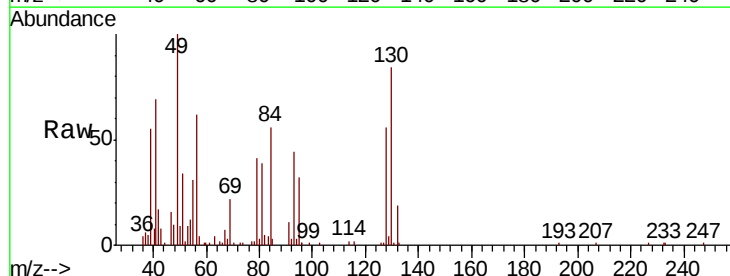
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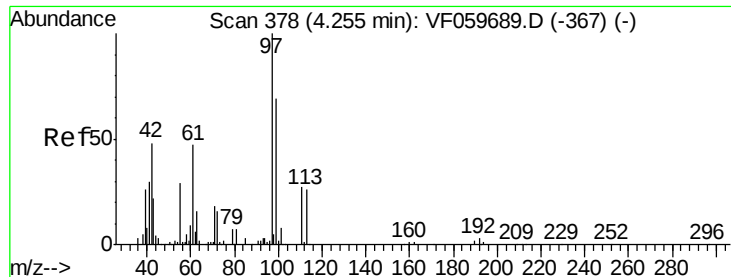


#28

Bromochloromethane
Concen: 53.982 ug/l
RT: 3.88 min Scan# 340
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	54169		
129	3.8		0.0	4.8
130	84.1		59.6	89.4





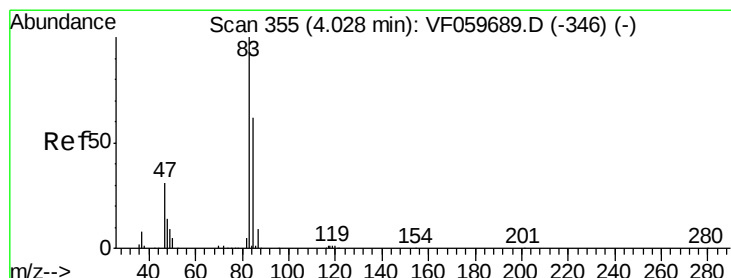
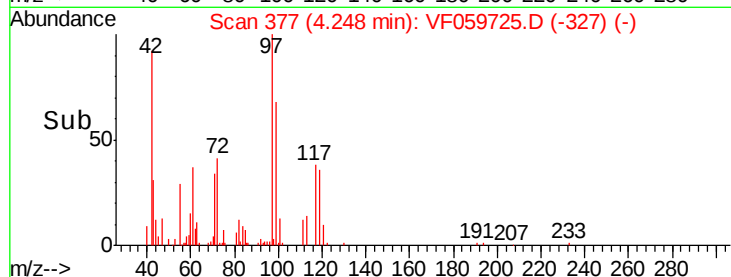
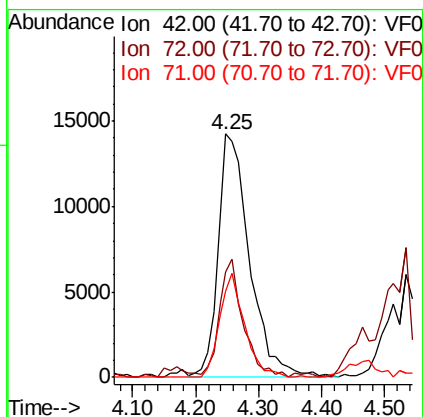
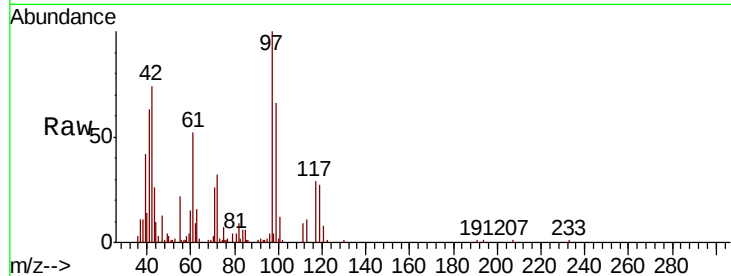
#29
Tetrahydrofuran
Concen: 224.607 ug/l
RT: 4.25 min Scan# 377
Delta R.T. -0.01 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.7	27.0	40.6
71	34.0	29.7	44.5

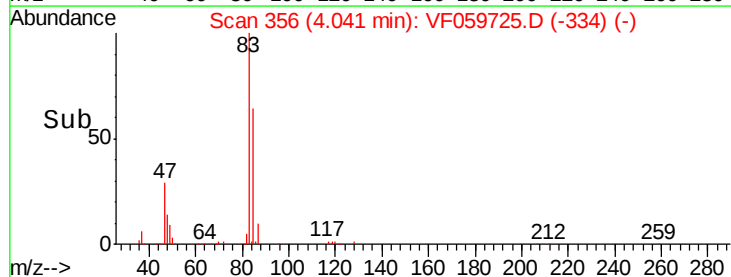
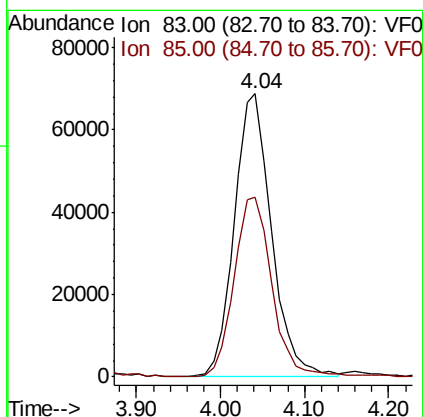
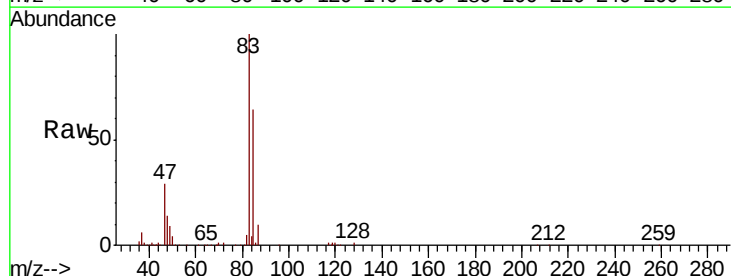
Manual Integrations
APPROVED

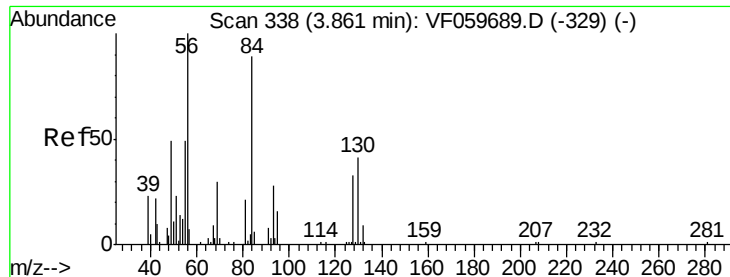
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#30
Chloroform
Concen: 51.832 ug/l
RT: 4.04 min Scan# 356
Delta R.T. 0.01 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	49.4	74.0





#31

Cyclohexane

Concen: 48.350 ug/l

RT: 3.86 min Scan# 338

Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

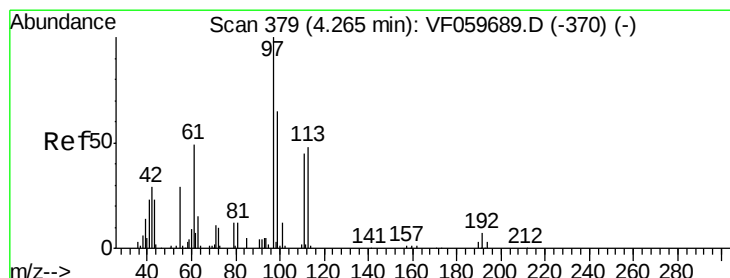
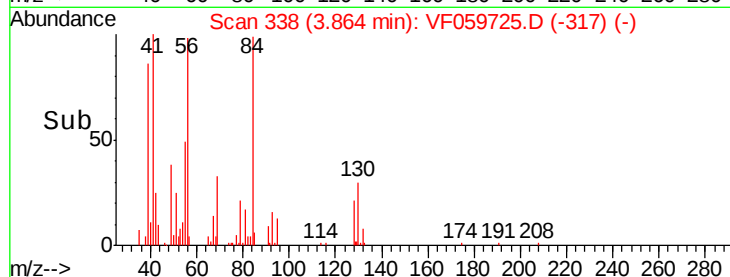
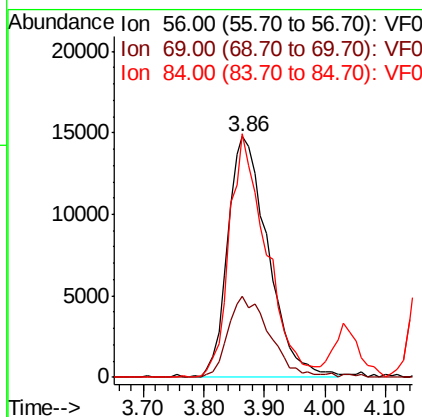
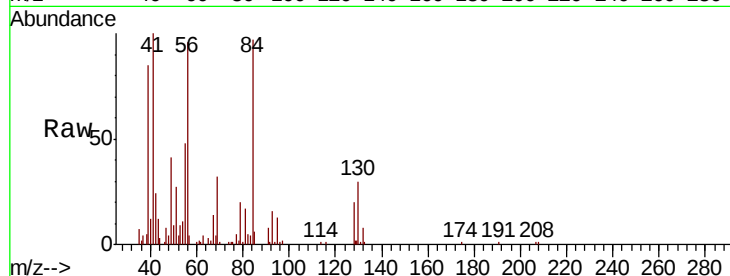
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	68161
Ion	Ratio	Lower	Upper
56	100		
69	33.8	23.7	35.5
84	101.1	71.1	106.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.753 ug/l

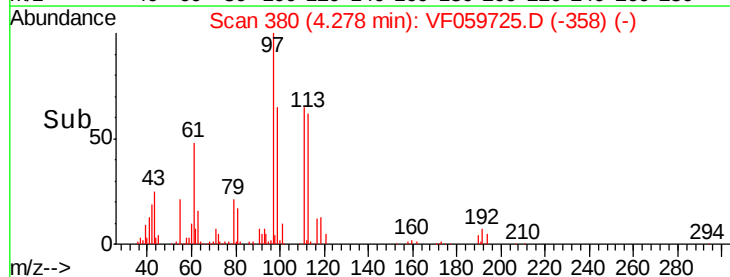
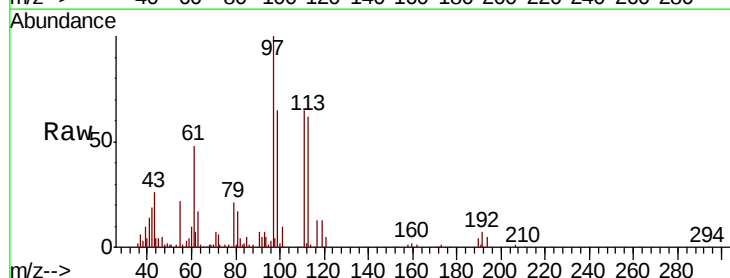
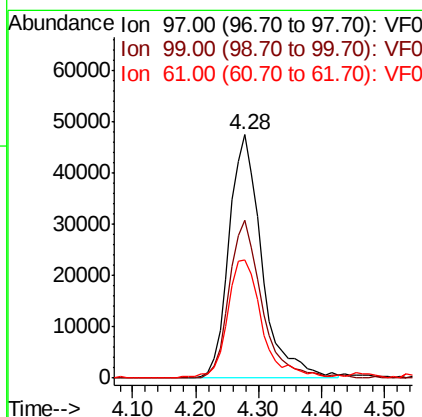
RT: 4.28 min Scan# 380

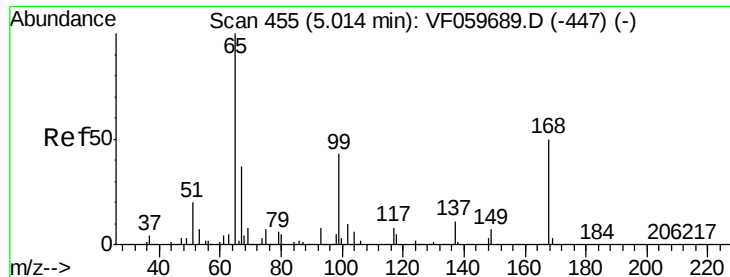
Delta R.T. 0.01 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Tgt Ion:	97	Resp:	170683
Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.4	78.6
61	48.3	39.7	59.5





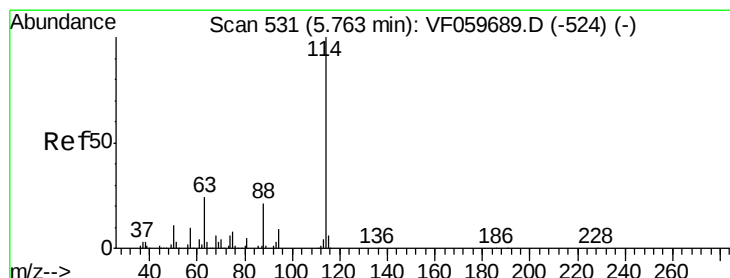
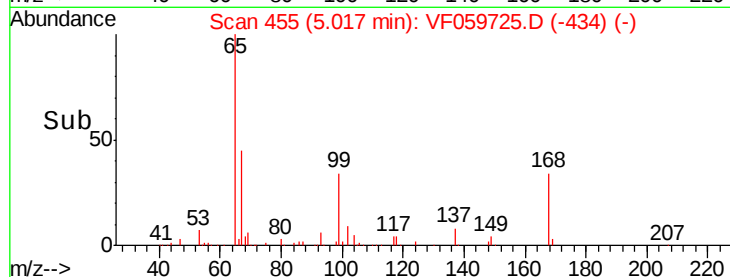
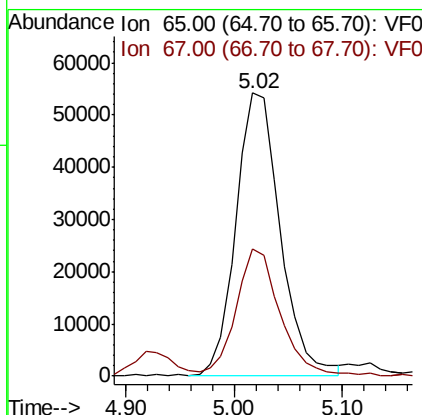
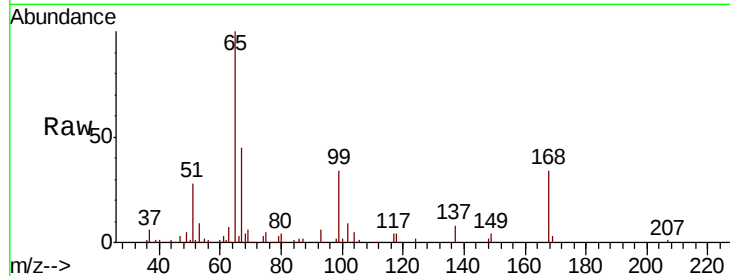
#33
 1,2-Dichloroethane-d4
 Concen: 54.137 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: VF059725.D
 Acq: 31 Jul 2018 23:58

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	44.9	0.0	84.6

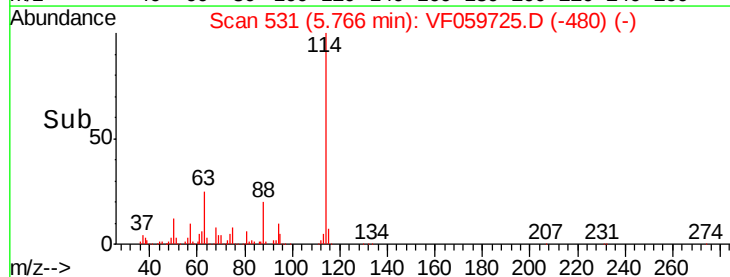
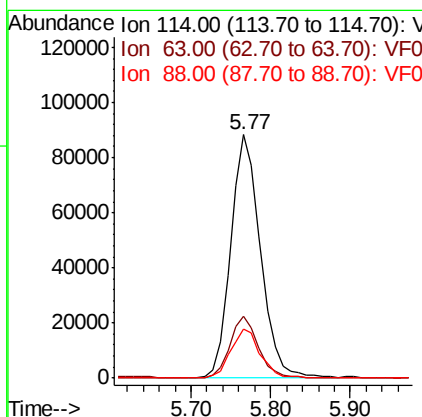
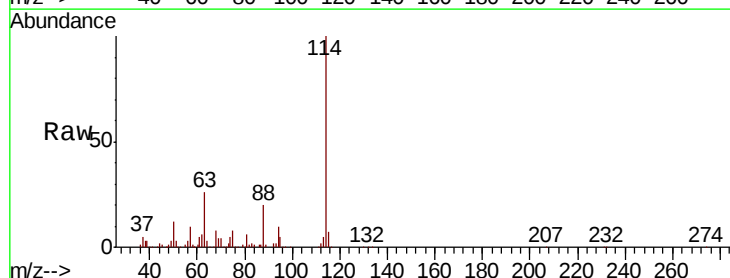
Manual Integrations
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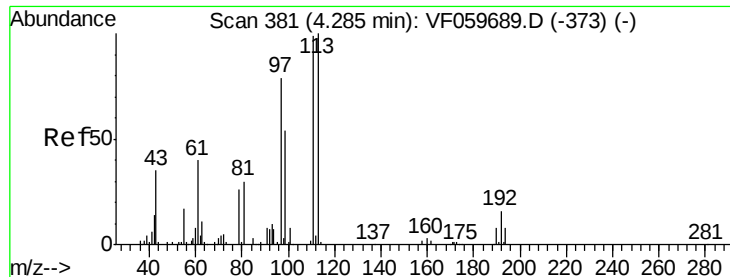
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VF059725.D
 Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.6	0.0	47.4
88	20.1	0.0	41.2





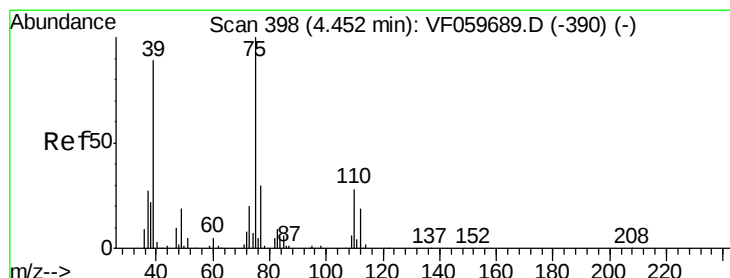
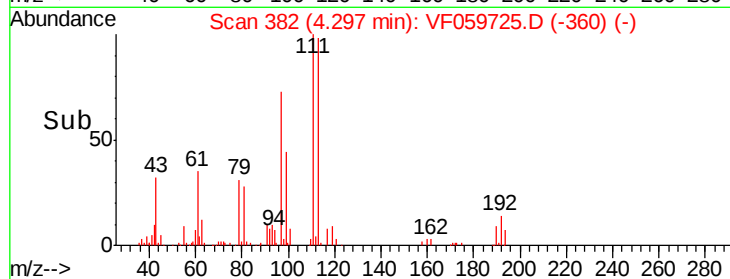
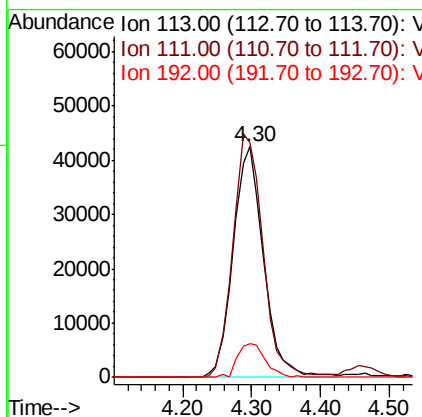
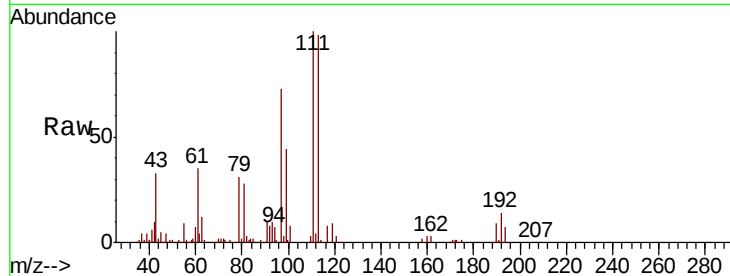
#35
Dibromofluoromethane
Concen: 54.432 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.01 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	106.3	79.0	118.4
192	14.8	13.2	19.8

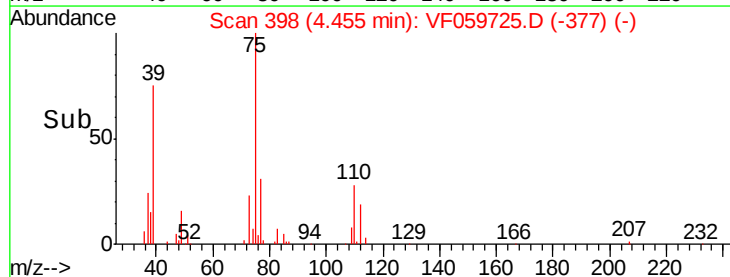
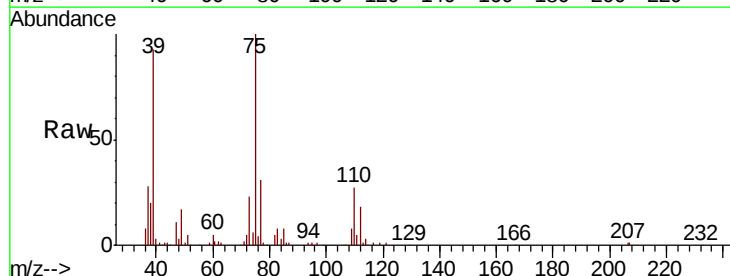
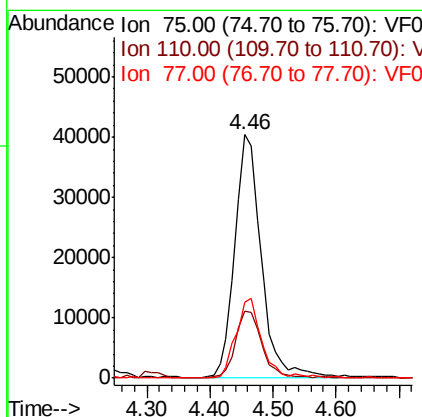
Manual Integrations
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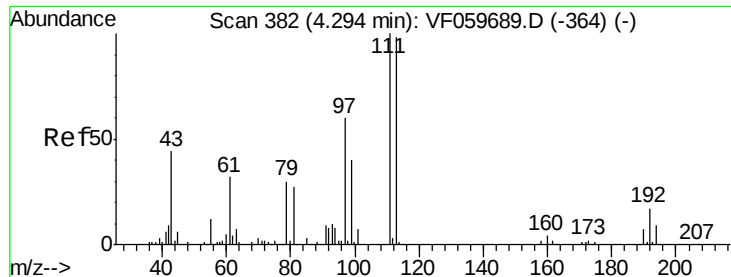
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#36
1,1-Dichloropropene
Concen: 50.618 ug/l
RT: 4.46 min Scan# 398
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	27.5	14.0	41.9
77	31.3	24.2	36.2





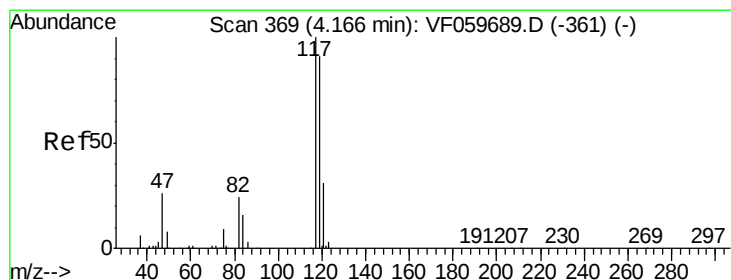
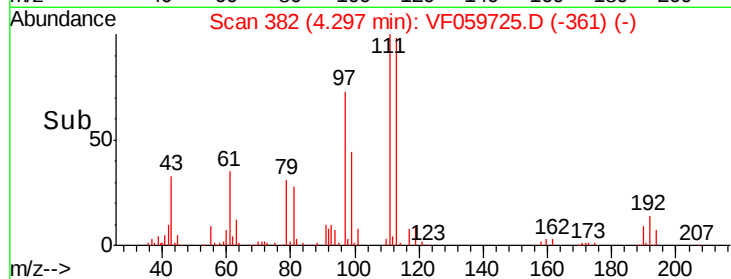
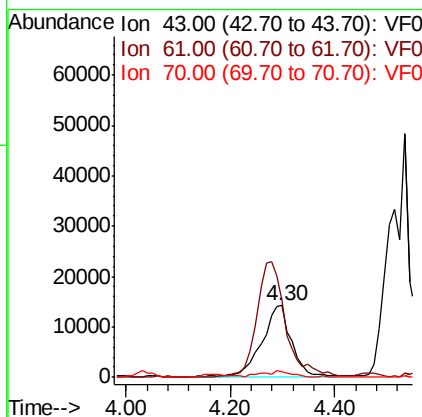
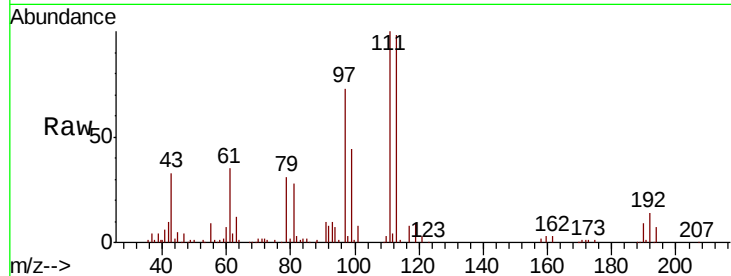
#37
Ethyl Acetate
Concen: 49.121 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	107.2	58.2	87.2#
70	7.5	6.0	9.0

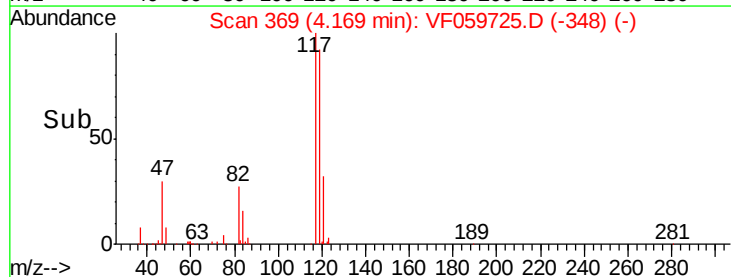
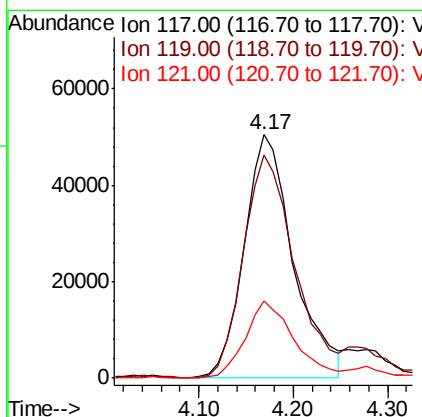
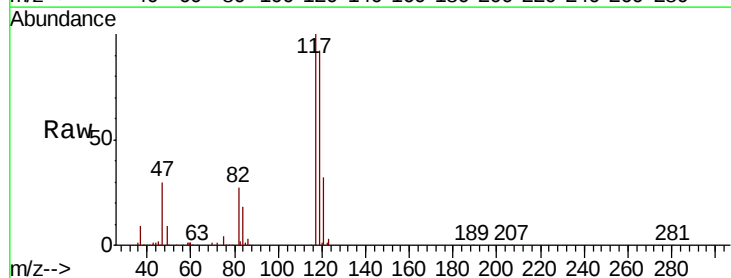
Manual Integrations
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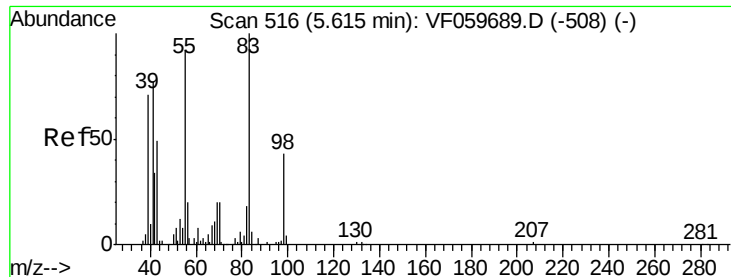
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#38
Carbon Tetrachloride
Concen: 50.250 ug/l m
RT: 4.17 min Scan# 369
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	72.9	109.3
121	31.6	25.0	37.4





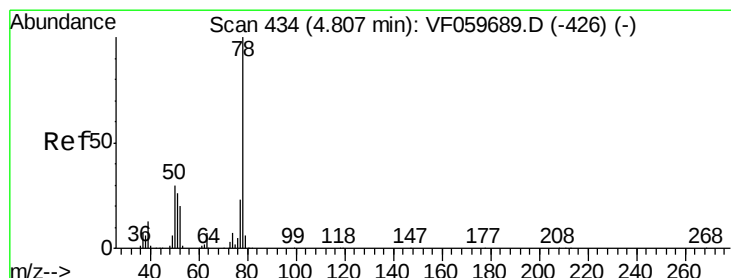
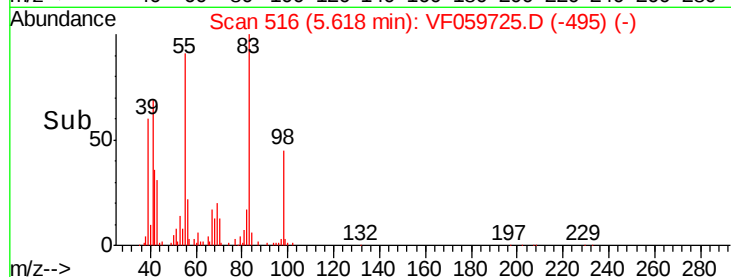
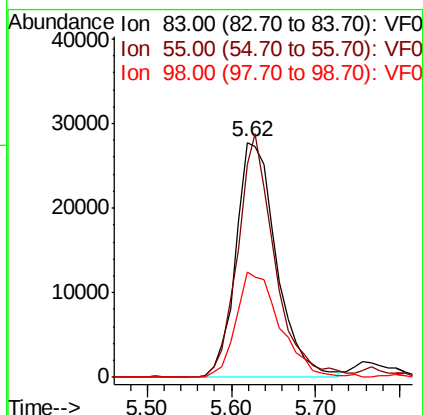
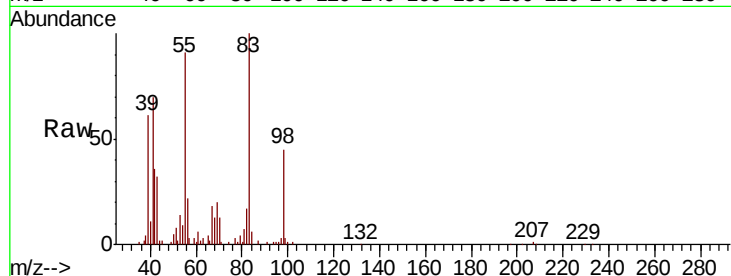
#39
Methvlcvclohexane
Concen: 52.824 ug/l
RT: 5.62 min Scan# 516
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.8	73.4	110.2
98	44.7	34.2	51.4

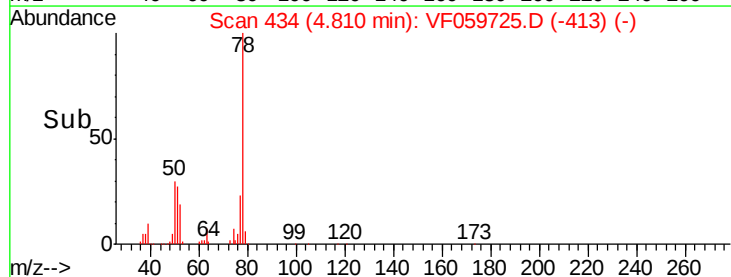
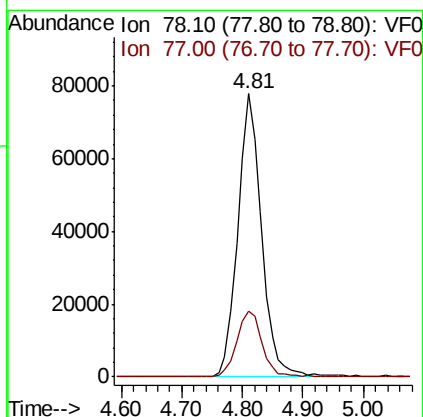
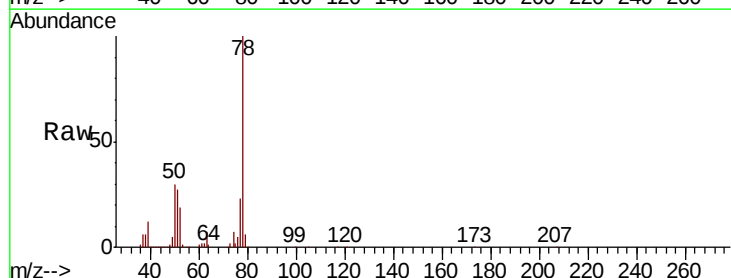
Manual Integrations
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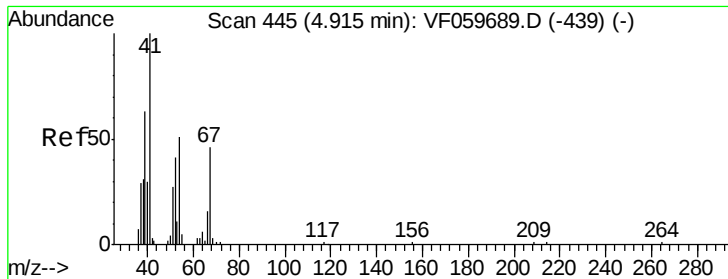
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#40
Benzene
Concen: 45.646 ug/l
RT: 4.81 min Scan# 434
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.9	28.3





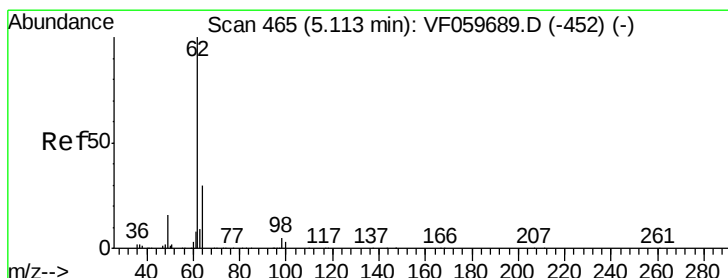
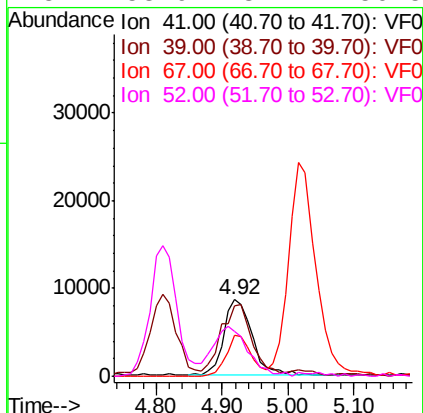
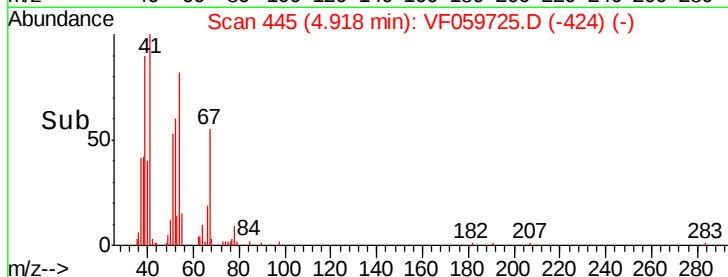
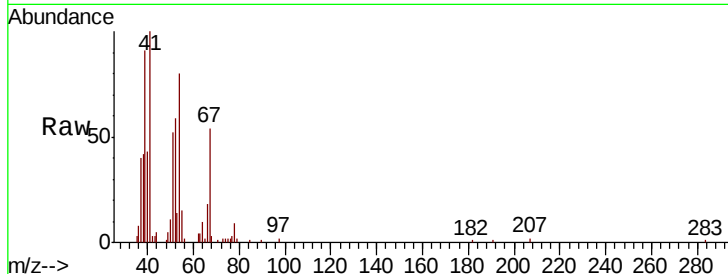
#41
Methacrylonitrile
Concen: 44.708 ug/l
RT: 4.92 min Scan# 445
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
26064	41	100		
	39	91.4	55.2	82.8#
	67	53.6	36.2	54.2
	52	58.9	37.7	56.5#

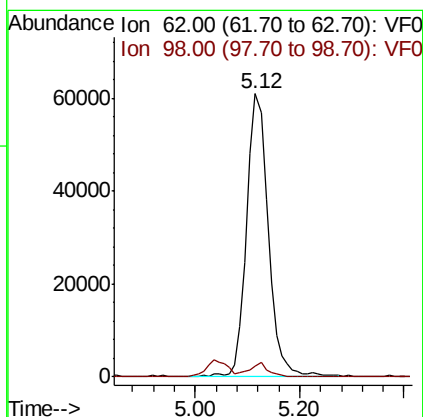
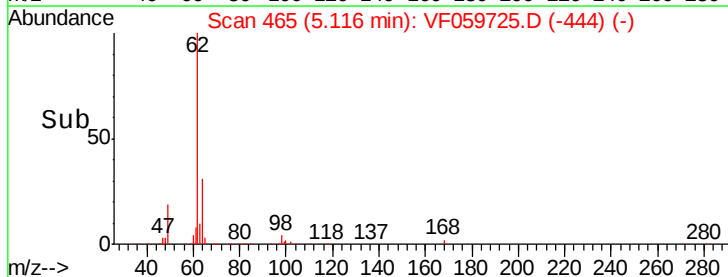
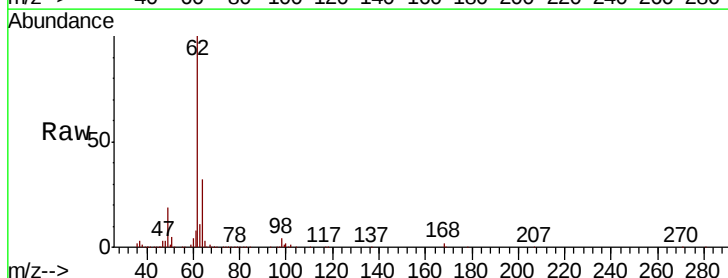
Manual Integrations
APPROVED

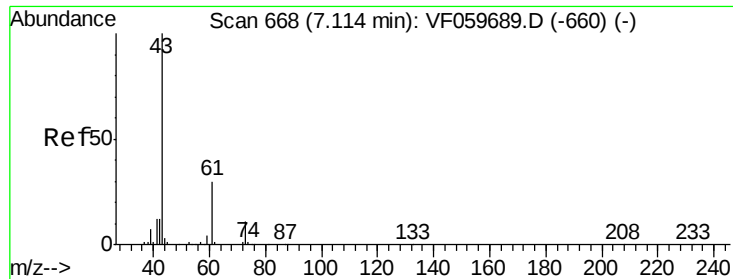
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#42
1,2-Dichloroethane
Concen: 52.435 ug/l
RT: 5.12 min Scan# 465
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Tgt Ion	Ion	Ratio	Lower	Upper
170487	62	100		
	98	3.7	0.0	9.6





#43

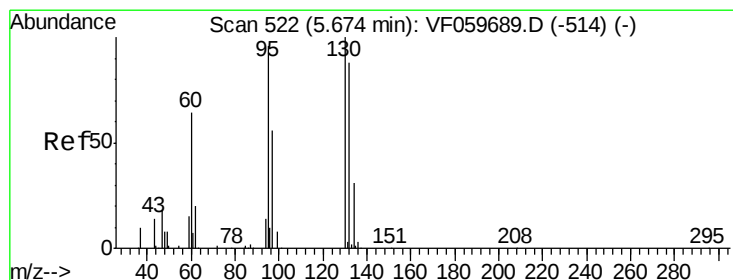
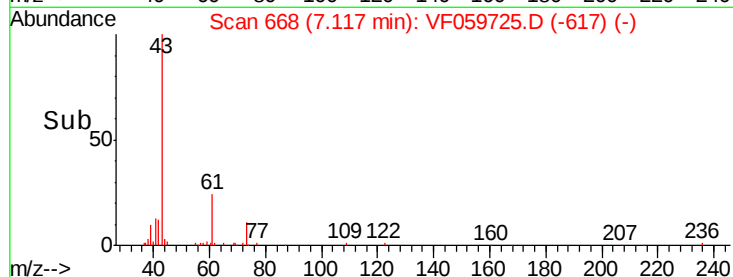
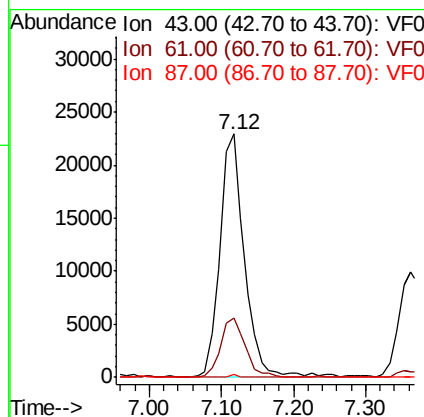
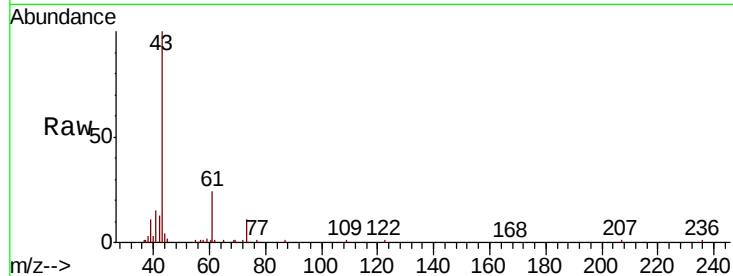
Isopropyl Acetate
 Concen: 39.002 ug/l
 RT: 7.12 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: VF059725.D
 Acq: 31 Jul 2018 23:58

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.5	23.8	35.8
87	1.1	0.6	1.0

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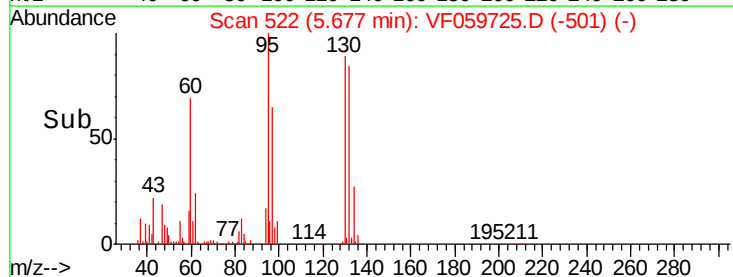
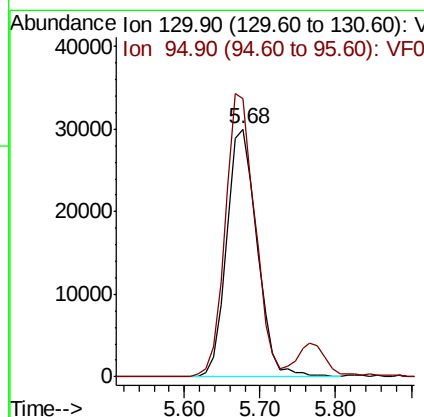
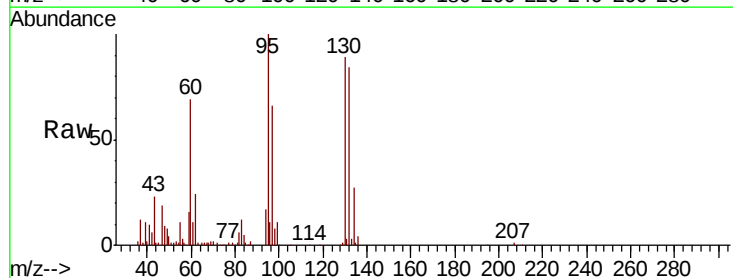
apatel
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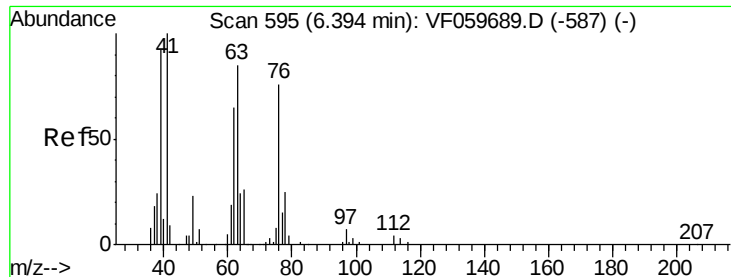


#44

Trichloroethene
 Concen: 53.983 ug/l
 RT: 5.68 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: VF059725.D
 Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	112.3	0.0	191.0





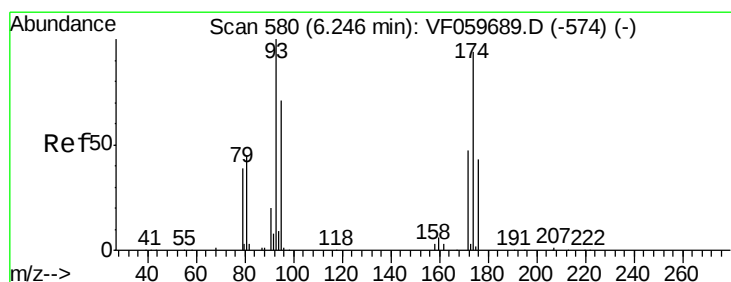
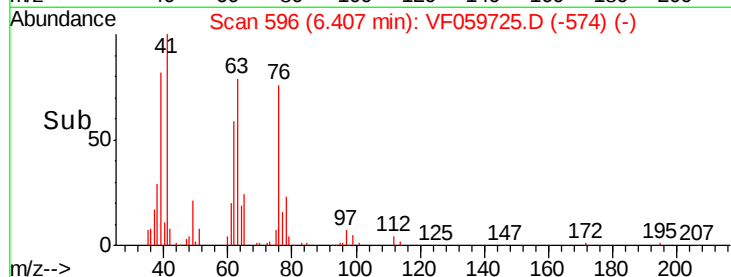
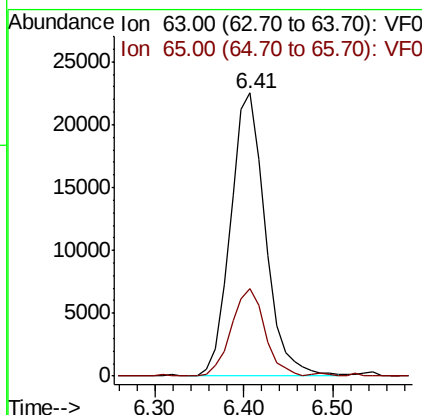
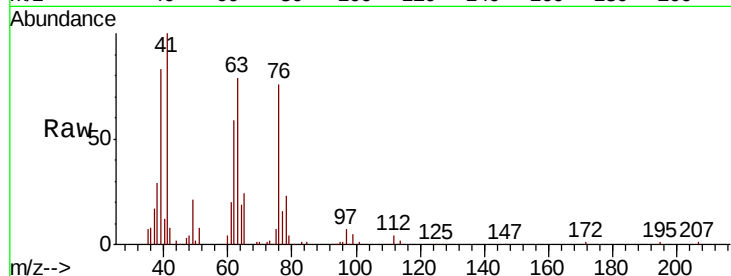
#45
 1,2-Dichloropropane
 Concen: 50.062 ug/l
 RT: 6.41 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: VF059725.D
 Acq: 31 Jul 2018 23:58

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	25.2	37.8

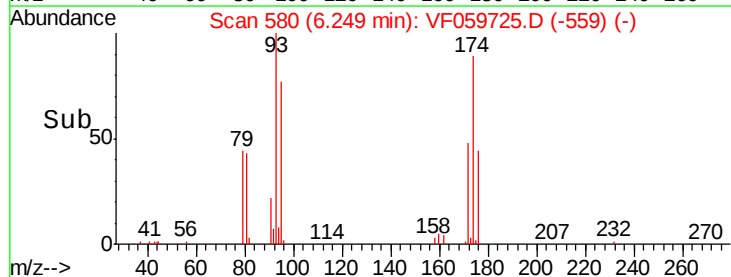
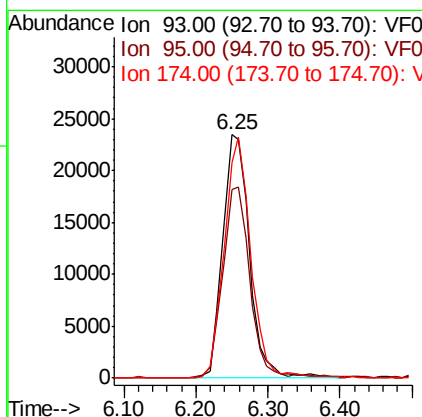
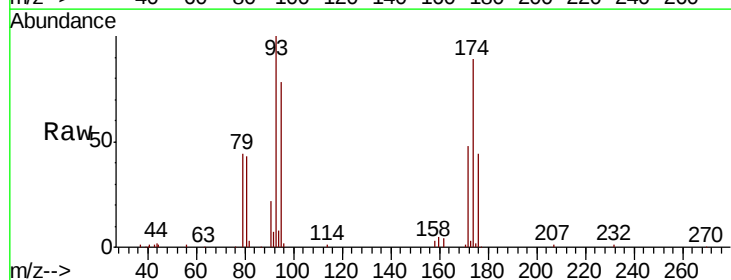
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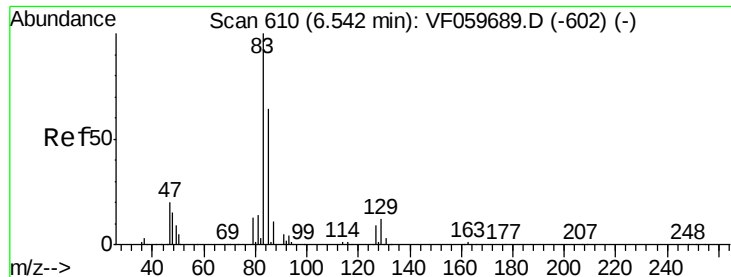
apatel
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#46
 Dibromomethane
 Concen: 51.881 ug/l
 RT: 6.25 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: VF059725.D
 Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	77.7	57.1	85.7
174	88.5	74.8	112.2





#47

Bromodichloromethane

Concen: 50.547 ug/l

RT: 6.54 min Scan# 610

Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

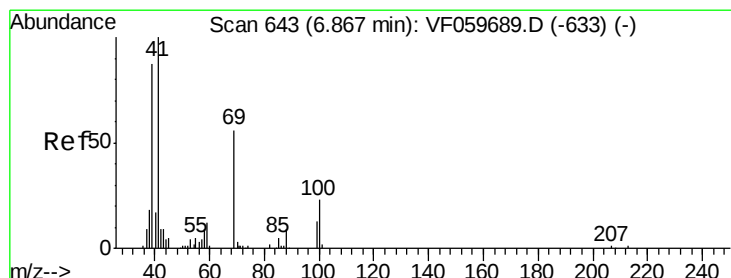
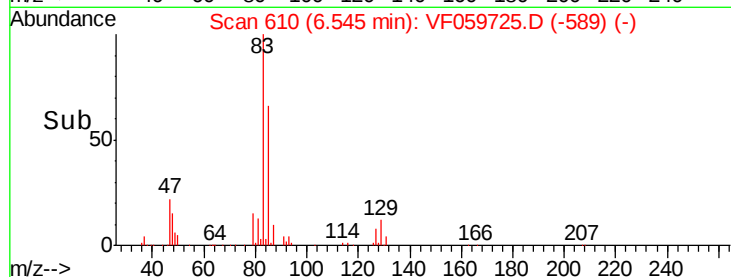
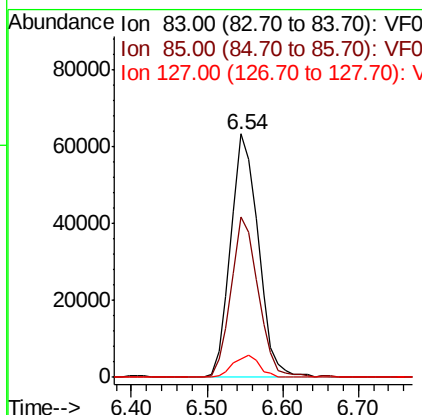
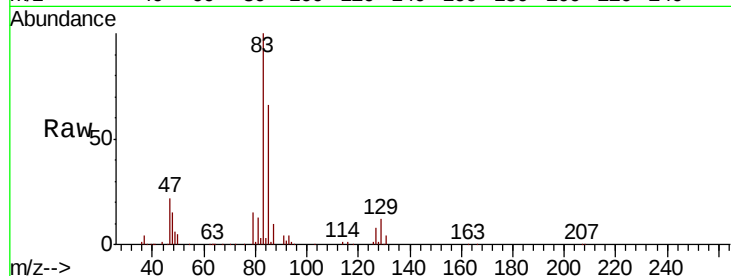
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	160340
Ion Ratio	Lower	Upper	
83	100		
85	66.0	51.0	76.6
127	8.7	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 43.784 ug/l

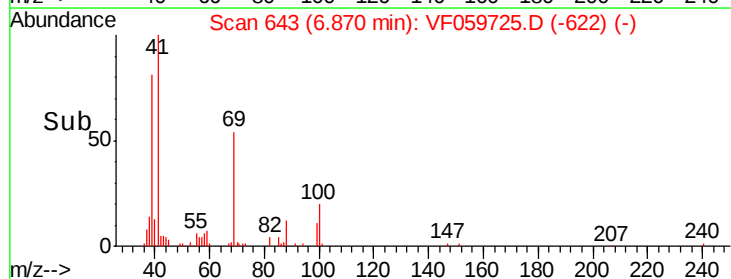
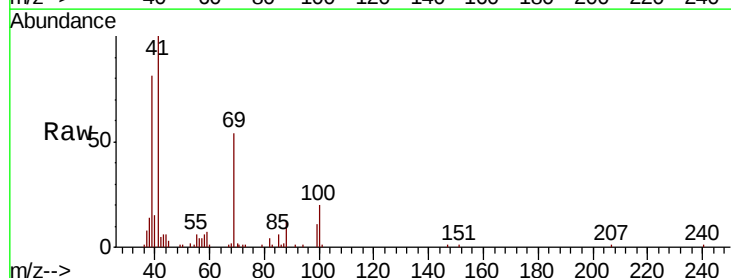
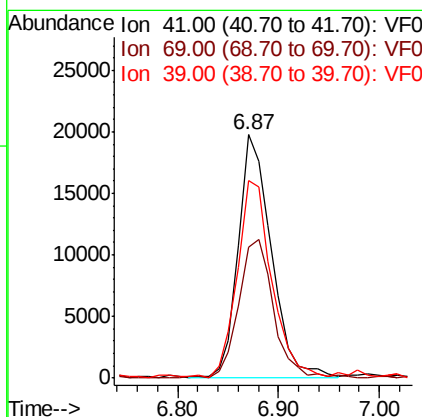
RT: 6.87 min Scan# 643

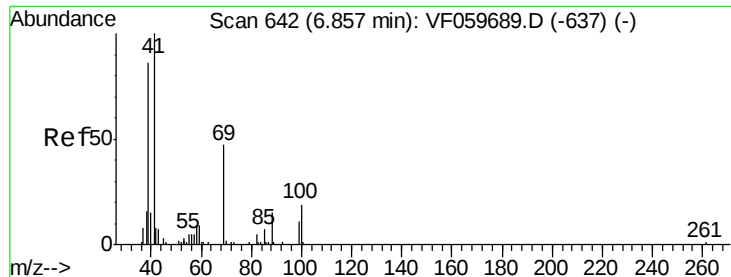
Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Tgt Ion:	41	Resp:	45303
Ion Ratio	Lower	Upper	
41	100		
69	53.8	44.4	66.6
39	81.4	69.4	104.2





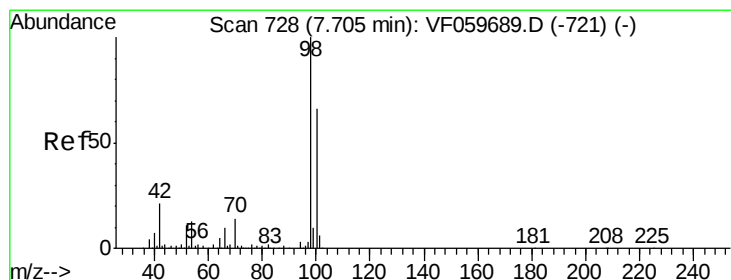
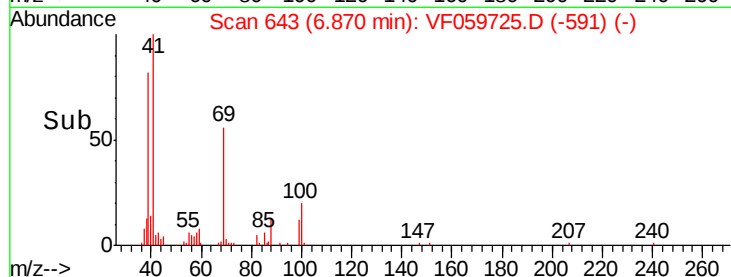
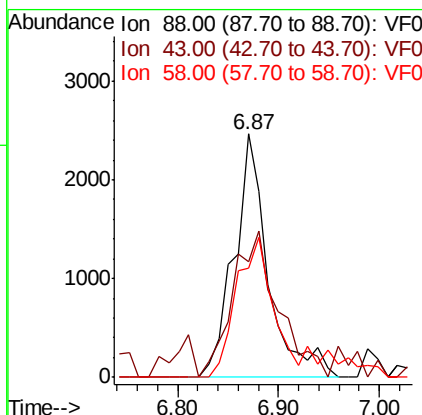
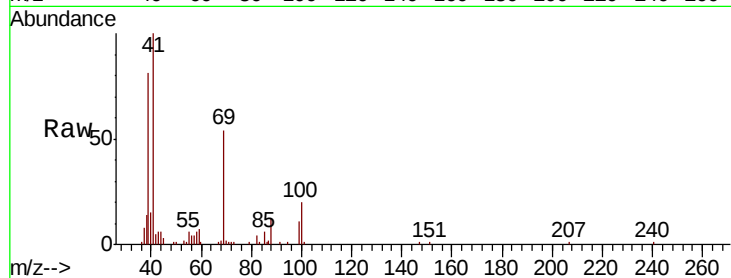
#49
1,4-Dioxane
Concen: 877.430 ug/l
RT: 6.87 min Scan# 643
Delta R.T. 0.01 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	47.6	45.2	67.8
58	45.0	49.0	73.6

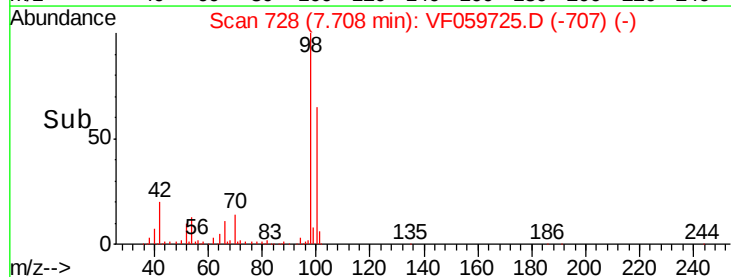
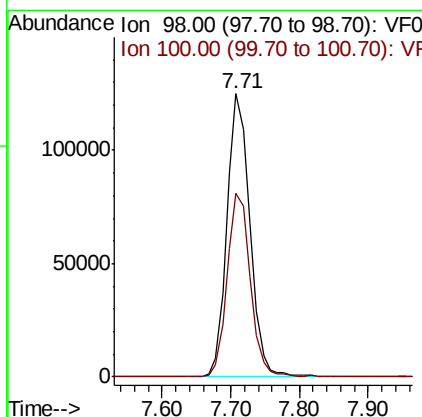
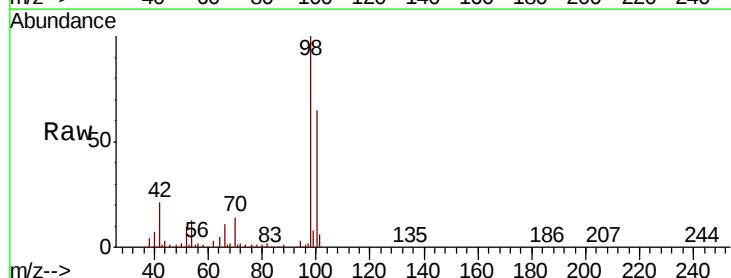
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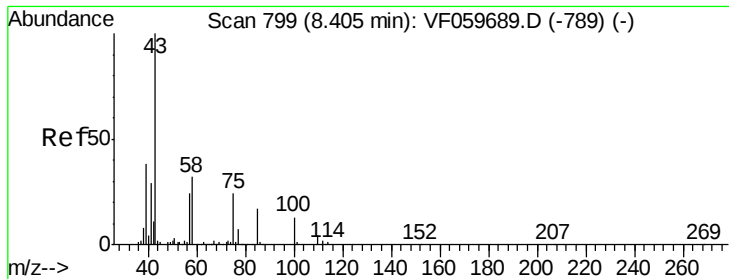
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#50
Toluene-d8
Concen: 51.855 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 235.714 ug/l

RT: 8.41 min Scan# 799

Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 246657

Ion Ratio Lower Upper

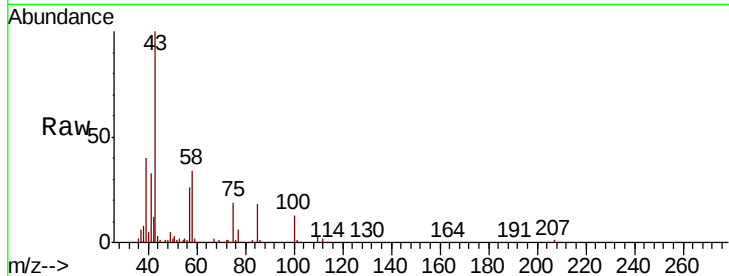
43 100

58 34.2 25.9 38.9

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.41

100000

80000

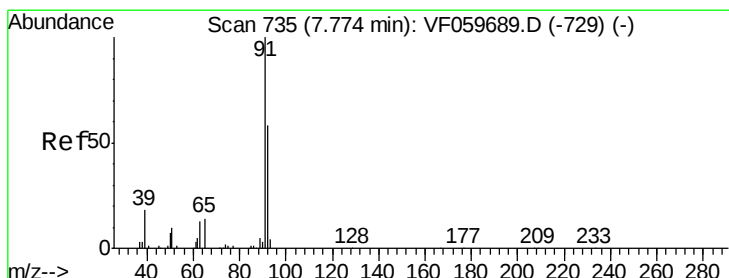
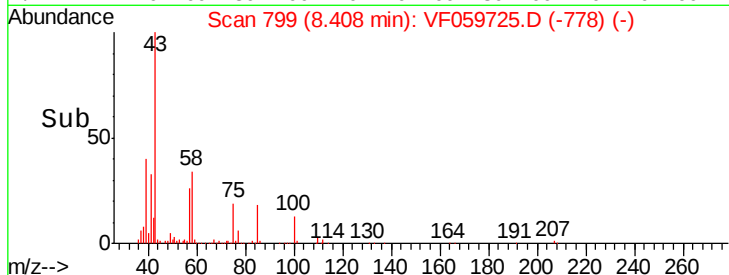
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 51.855 ug/l

RT: 7.78 min Scan# 735

Delta R.T. 0.00 min

Lab File: VF059725.D

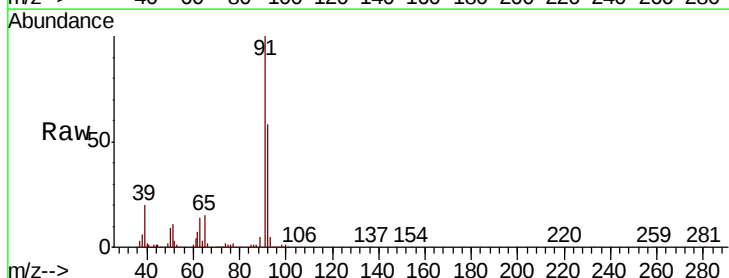
Acq: 31 Jul 2018 23:58

Tgt Ion: 92 Resp: 160084

Ion Ratio Lower Upper

92 100

91 173.0 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

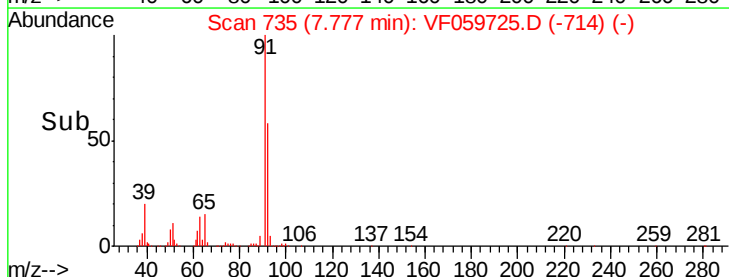
7.78

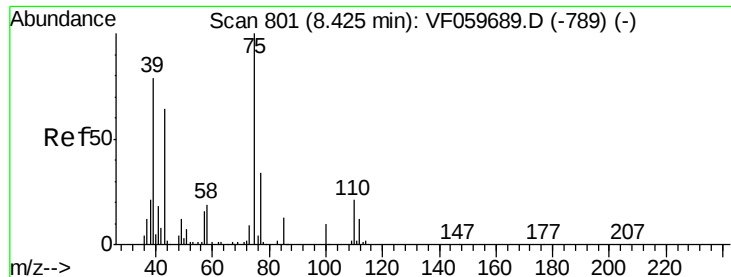
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.727 ug/l

RT: 8.43 min Scan# 801

Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 131364

Ion Ratio Lower Upper

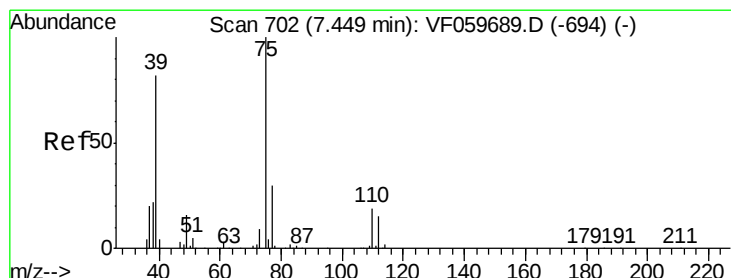
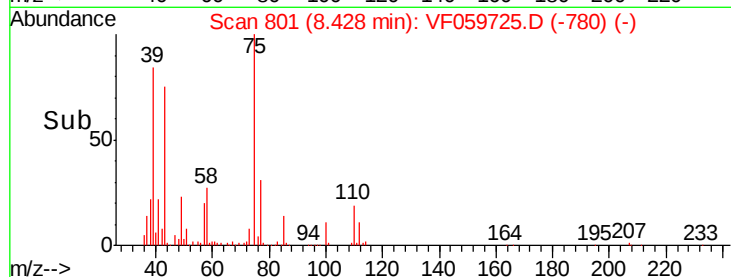
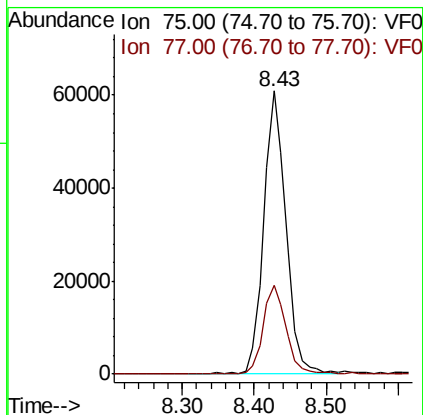
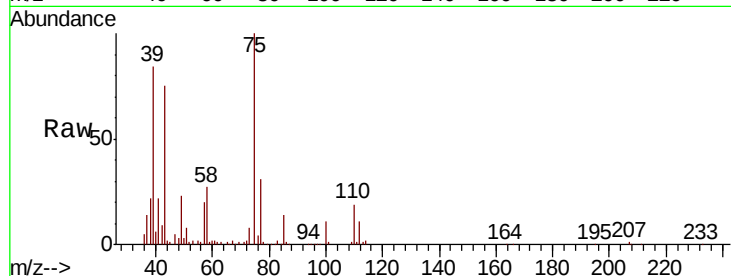
75 100

77 31.5 27.0 40.4

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#54

cis-1,3-Dichloropropene

Concen: 47.134 ug/l

RT: 7.46 min Scan# 703

Delta R.T. 0.01 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

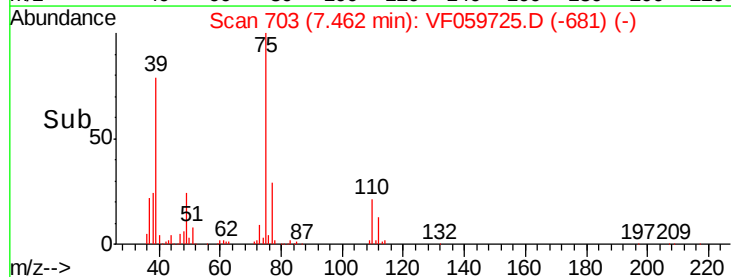
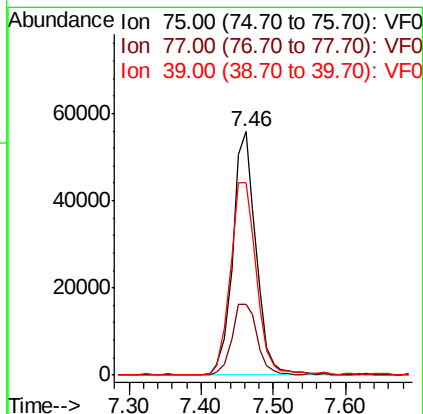
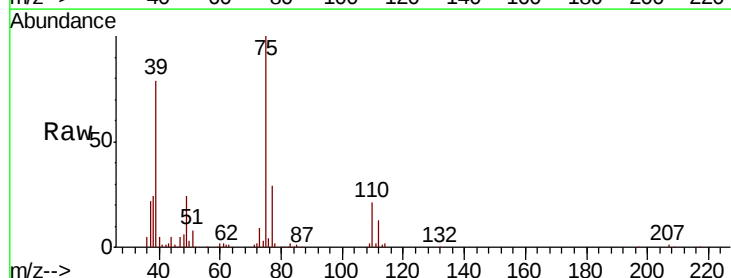
Tgt Ion: 75 Resp: 125659

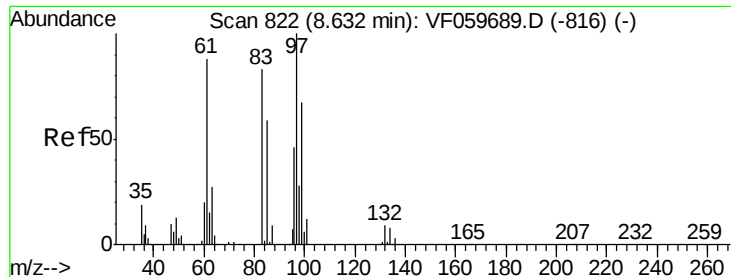
Ion Ratio Lower Upper

75 100

77 29.3 24.0 36.0

39 79.2 65.4 98.2





#55

1,1,2-Trichloroethane

Concen: 48.589 ug/l

RT: 8.64 min Scan# 823

Delta R.T. 0.01 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

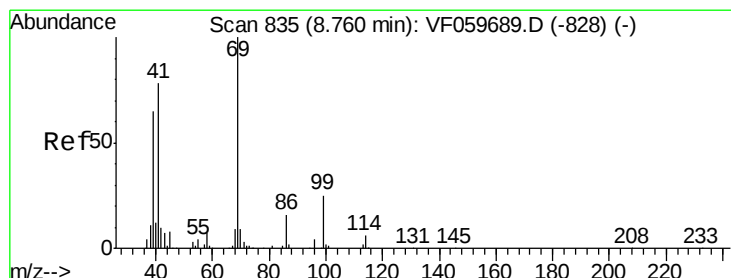
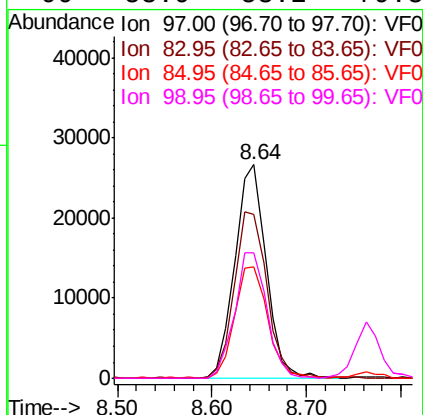
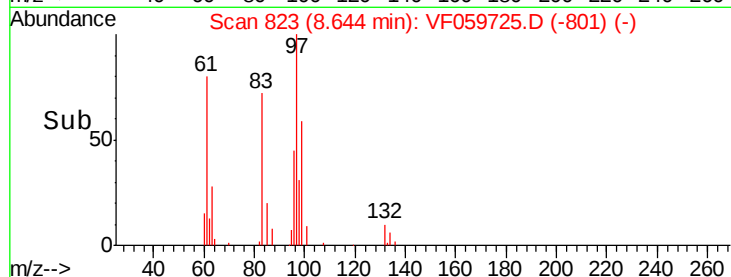
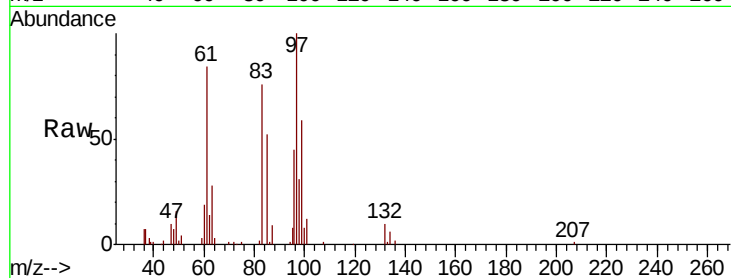
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	61137
Ion	Ratio	Lower	Upper
97	100		
83	76.5	66.6	100.0
85	52.2	47.4	71.0
99	58.9	53.2	79.8

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#56

Ethyl methacrylate

Concen: 46.676 ug/l

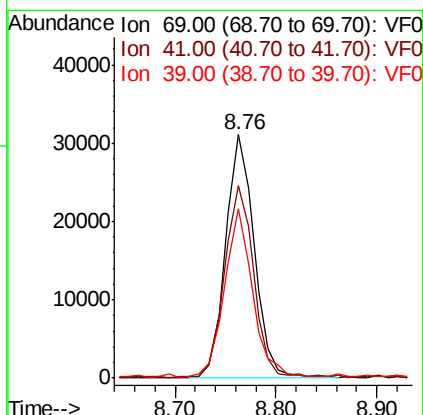
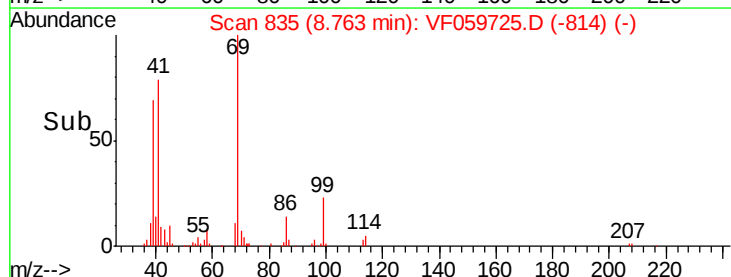
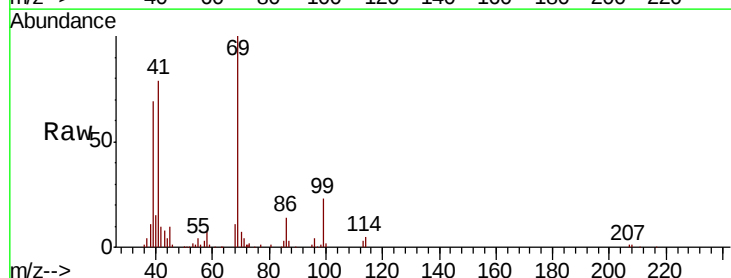
RT: 8.76 min Scan# 835

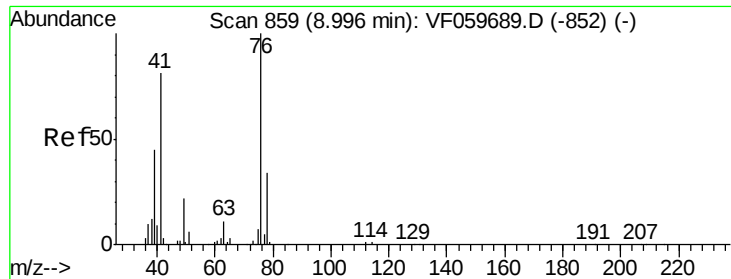
Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Tgt Ion:	69	Resp:	61248
Ion	Ratio	Lower	Upper
69	100		
41	79.1	62.3	93.5
39	69.4	52.4	78.6





#57

1,3-Dichloropropane

Concen: 47.439 ug/l

RT: 9.00 min Scan# 859

Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 102401

Ion Ratio Lower Upper

76 100

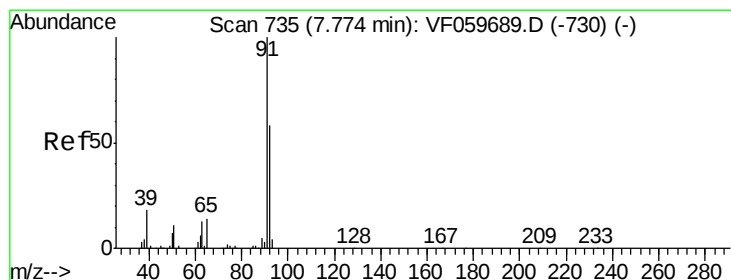
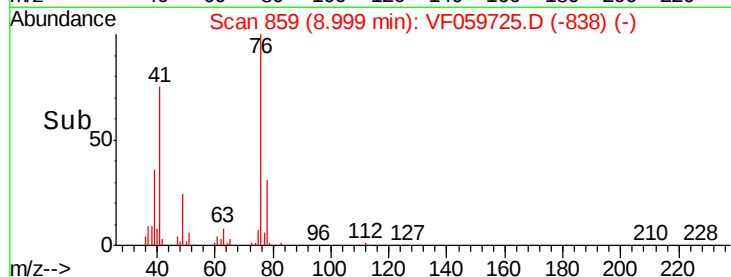
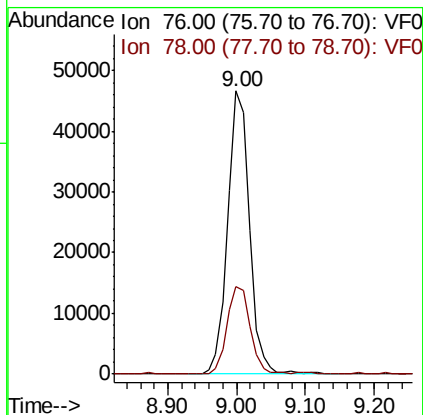
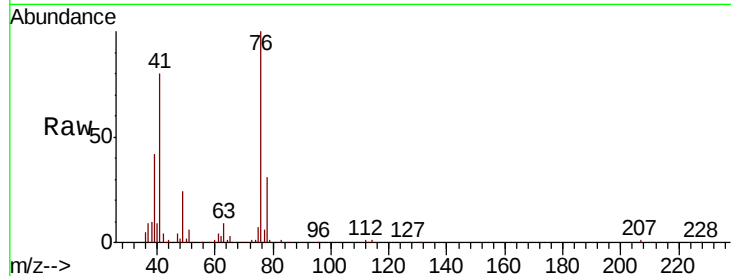
78 31.1 27.2 40.8

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#58

2-Chloroethyl Vinyl ether

Concen: 255.987 ug/l

RT: 7.78 min Scan# 735

Delta R.T. 0.00 min

Lab File: VF059725.D

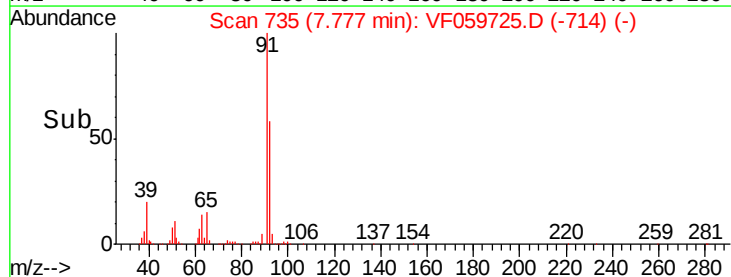
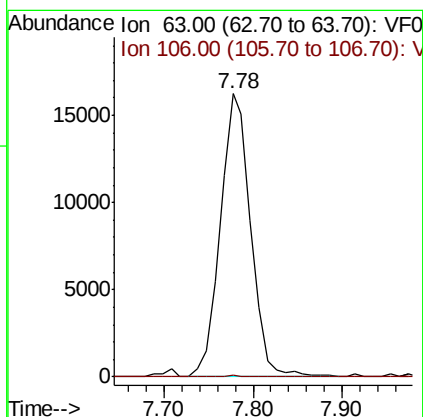
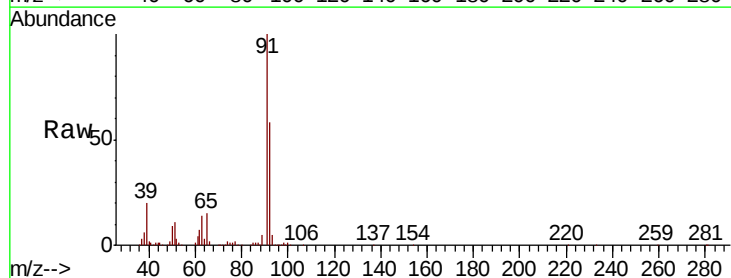
Acq: 31 Jul 2018 23:58

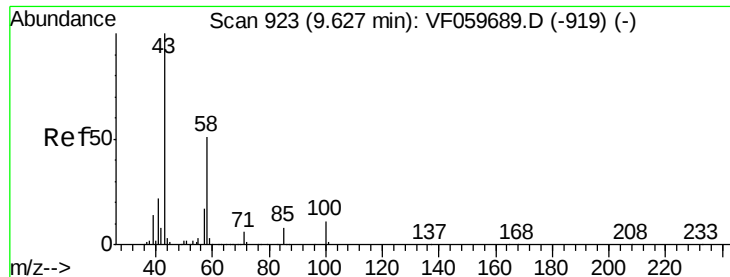
Tgt Ion: 63 Resp: 38783

Ion Ratio Lower Upper

63 100

106 0.7 0.0 0.0#





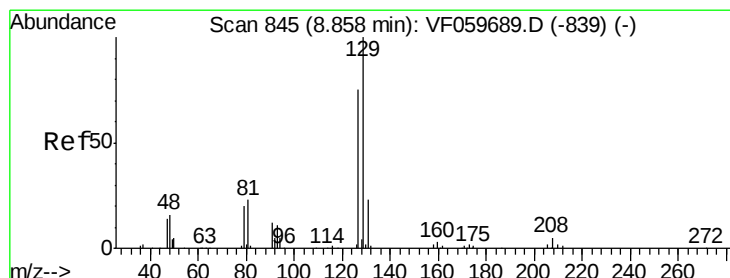
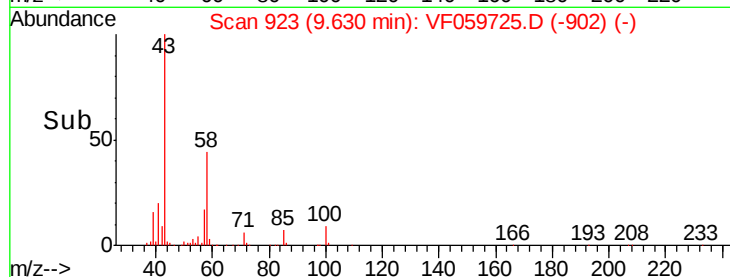
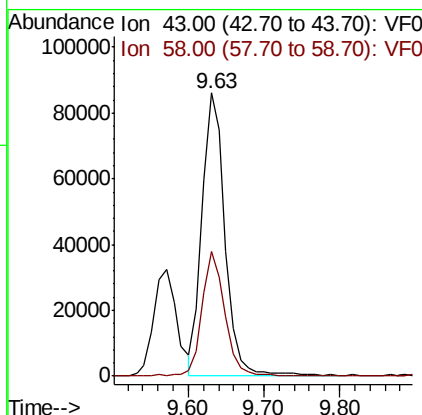
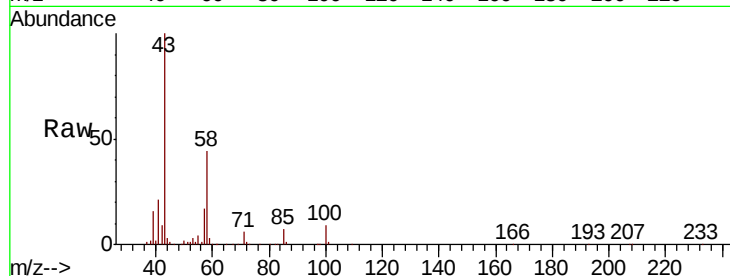
#59
2-Hexanone
Concen: 215.119 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.9	23.3	69.8

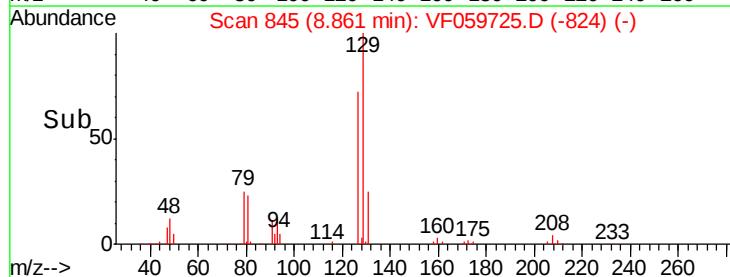
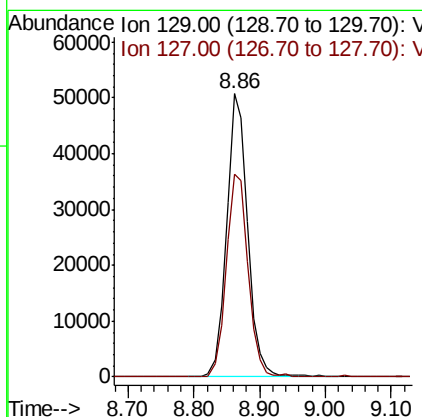
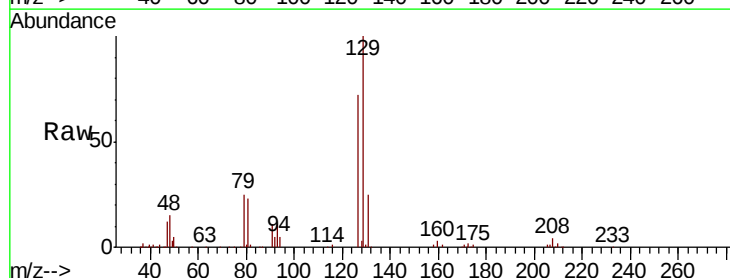
Manual Integrations
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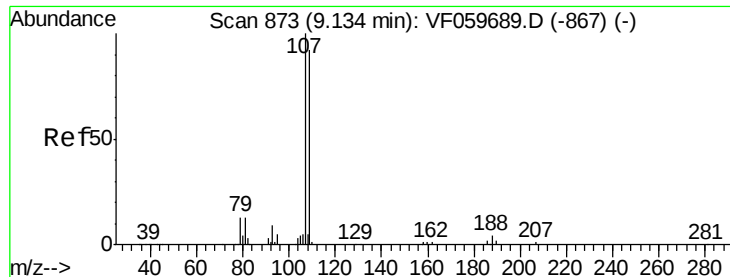
apatel
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#60
Dibromochloromethane
Concen: 51.126 ug/l
RT: 8.86 min Scan# 845
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
129	100		
127	71.8	37.7	113.1





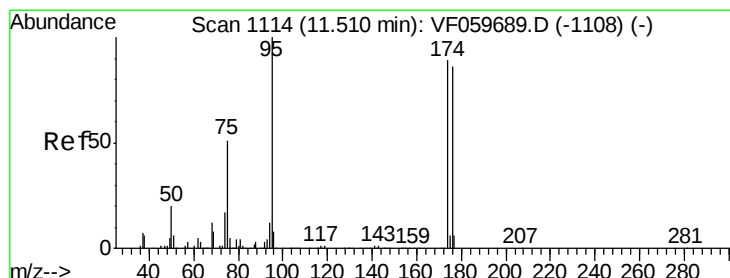
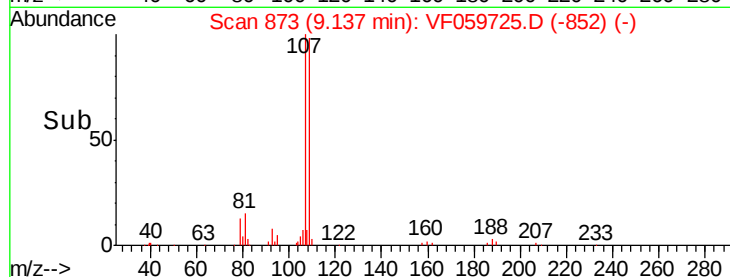
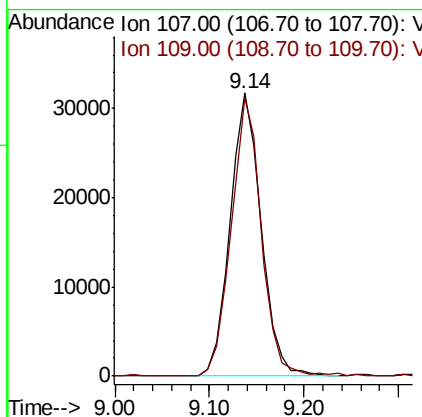
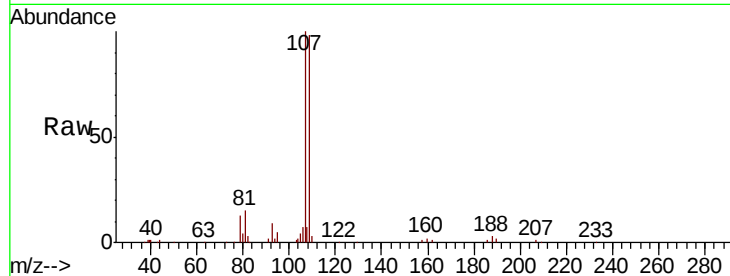
#61
 1,2-Dibromoethane
 Concen: 48.993 ug/l
 RT: 9.14 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: VF059725.D
 Acq: 31 Jul 2018 23:58

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	98.3	73.6	110.4

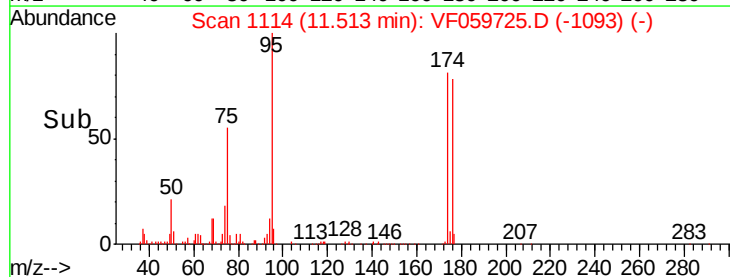
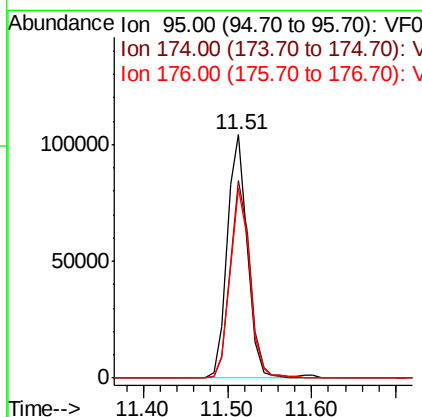
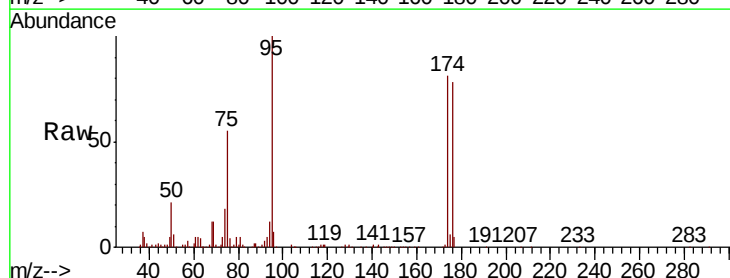
Manual Integrations
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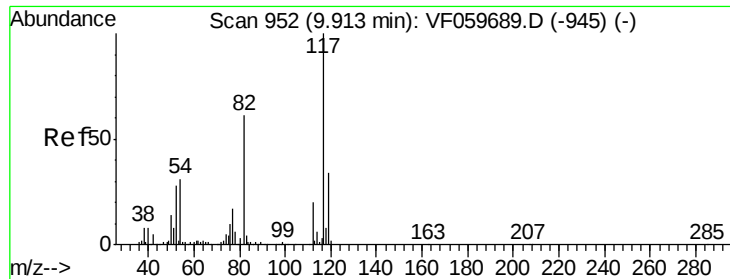
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#62
 4-Bromofluorobenzene
 Concen: 56.270 ug/l
 RT: 11.51 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: VF059725.D
 Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	178.4
176	77.9	0.0	173.0





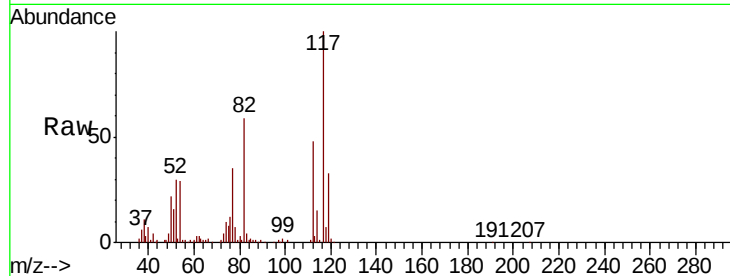
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	49.0	73.4
119	32.6	27.3	40.9

Manual Integrations
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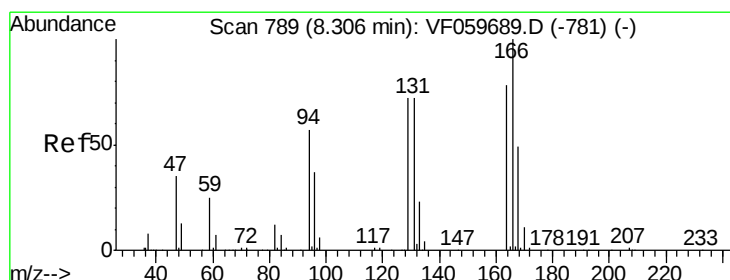
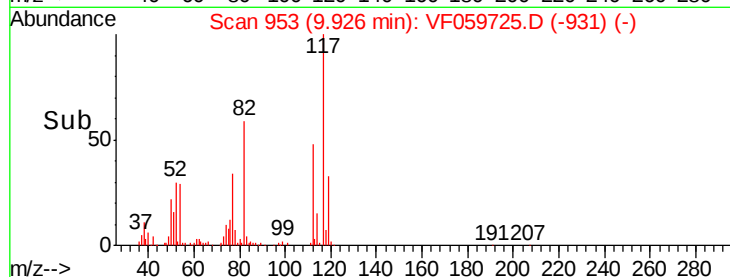
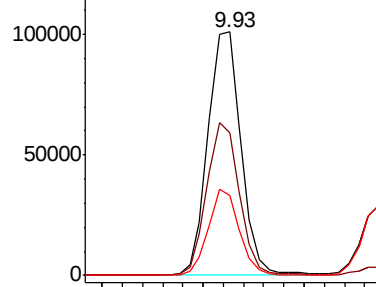


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#64
Tetrachloroethene
Concen: 54.885 ug/l
RT: 8.31 min Scan# 789
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	102.1	153.1
129	96.3	73.8	110.6
131	91.6	73.1	109.7

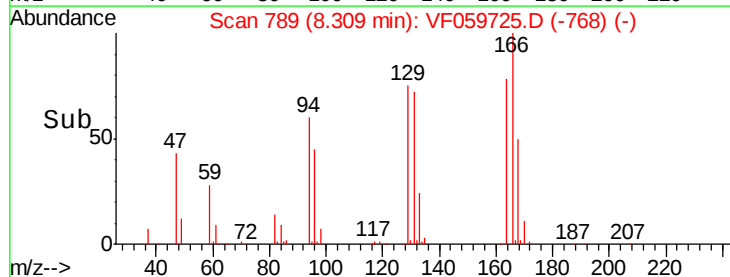
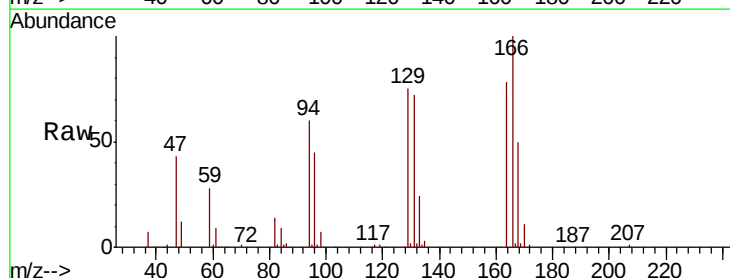
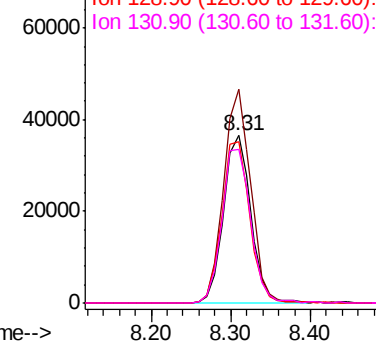
Abundance

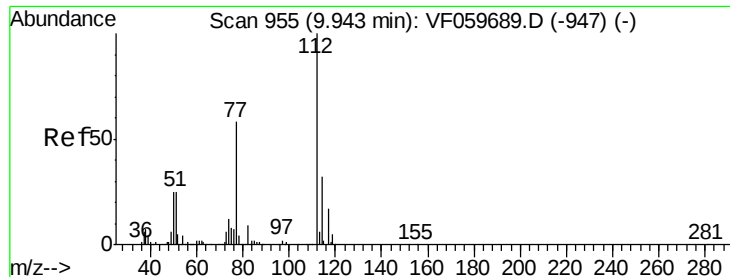
Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V





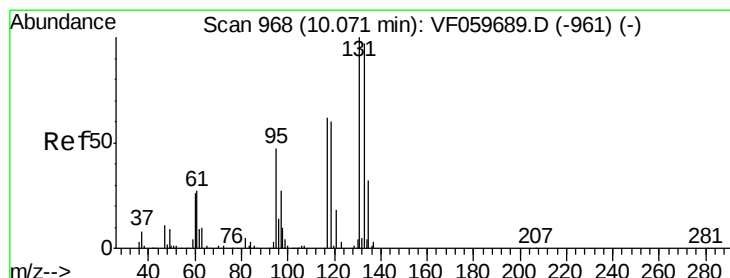
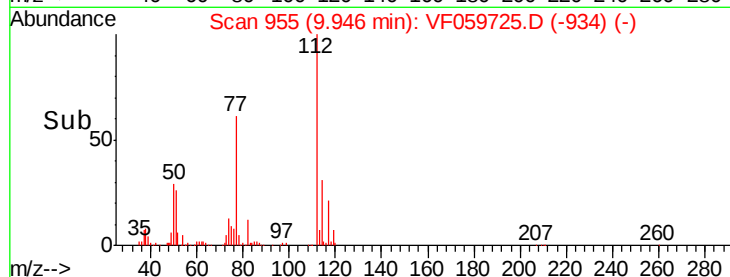
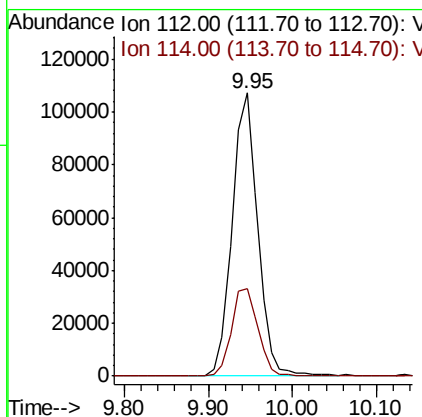
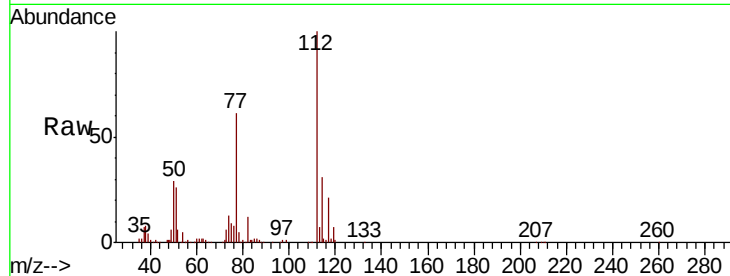
#65
Chlorobenzene
Concen: 48.848 ug/l
RT: 9.95 min Scan# 955
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.6	38.4

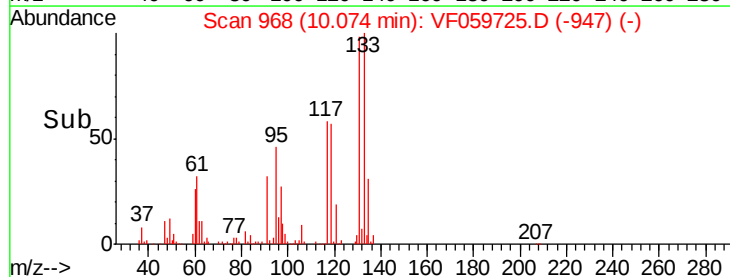
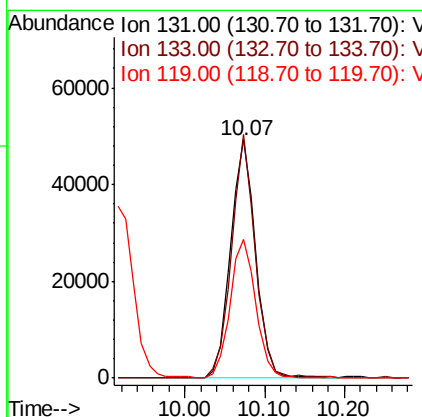
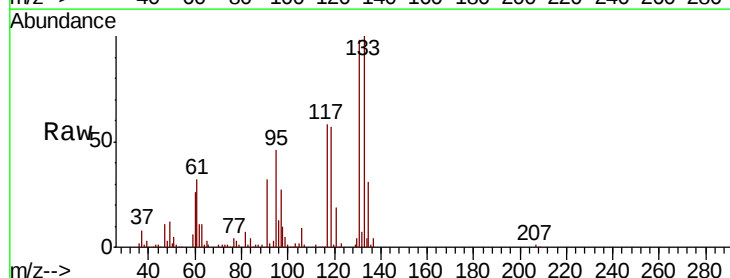
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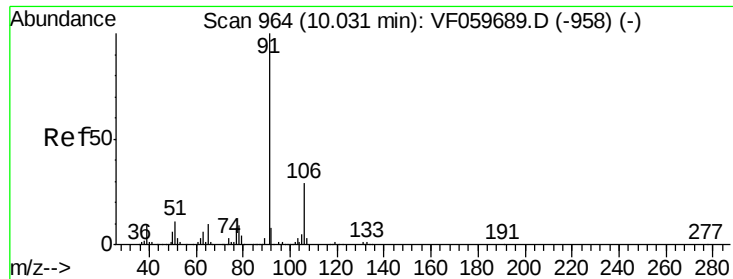
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.940 ug/l
RT: 10.07 min Scan# 968
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
131	100		
133	102.3	48.5	145.5
119	58.3	30.3	90.8





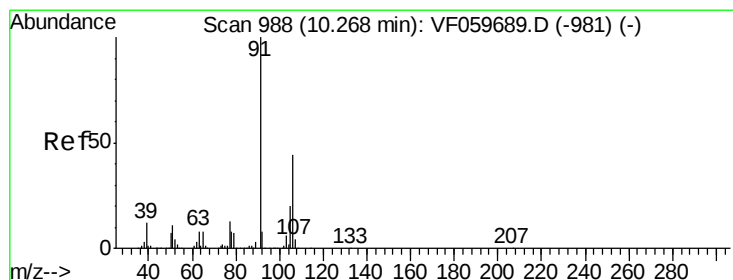
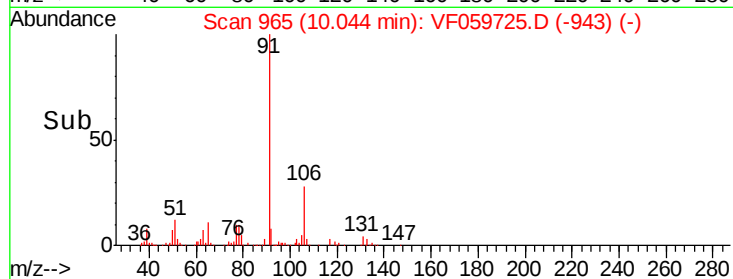
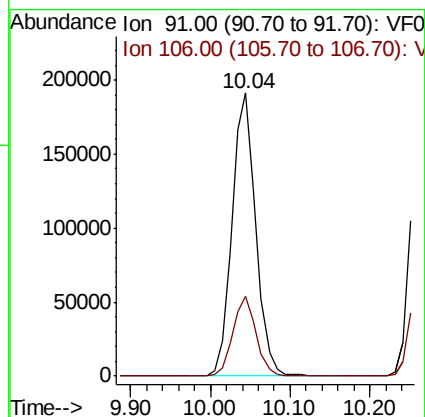
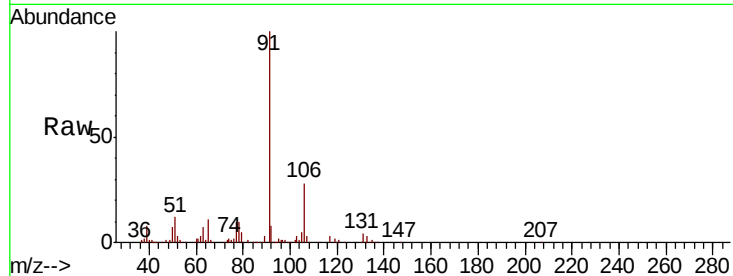
#67
Ethyl Benzene
Concen: 49.663 ug/l
RT: 10.04 min Scan# 965
Delta R.T. 0.01 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 399128
Ion Ratio Lower Upper
91 100
106 28.1 22.9 34.3

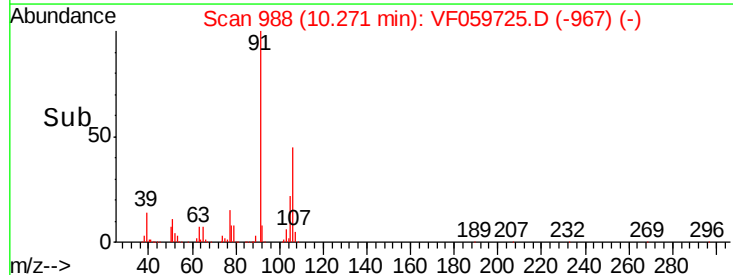
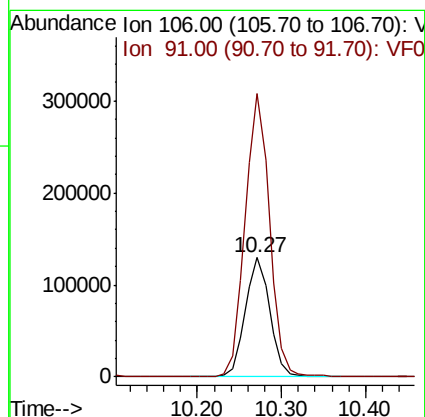
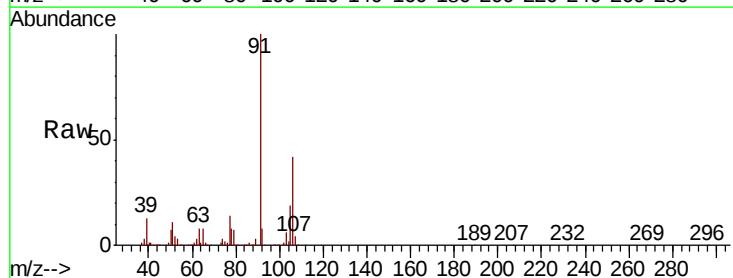
Manual Integrations
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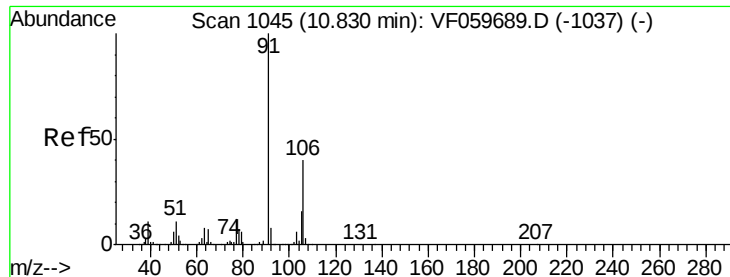
apatel
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#68
m/p-Xylenes
Concen: 106.549 ug/l
RT: 10.27 min Scan# 988
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Tgt Ion:106 Resp: 266050
Ion Ratio Lower Upper
106 100
91 237.8 181.7 272.5





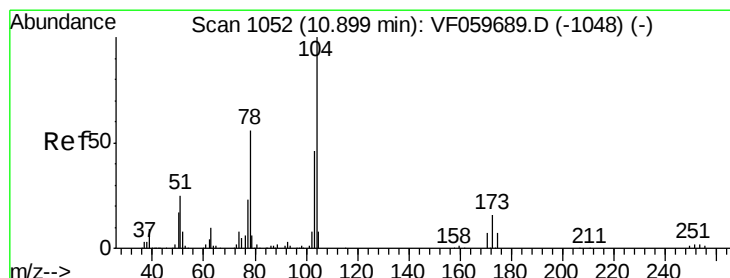
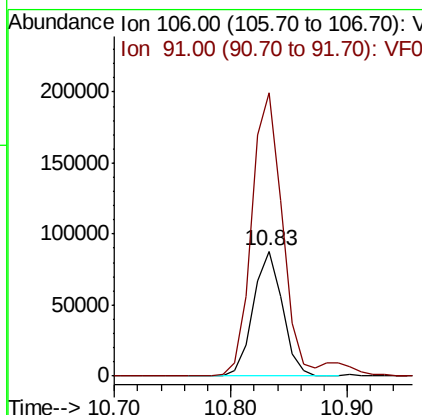
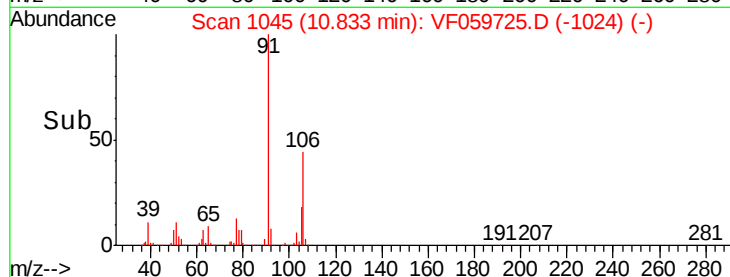
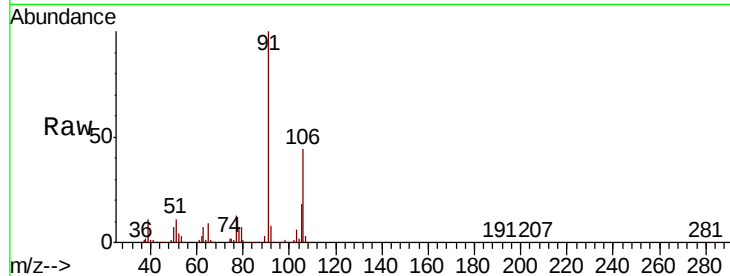
#69
o-Xylene
Concen: 51.858 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 153566
Ion Ratio Lower Upper
106 100
91 226.0 124.6 373.7

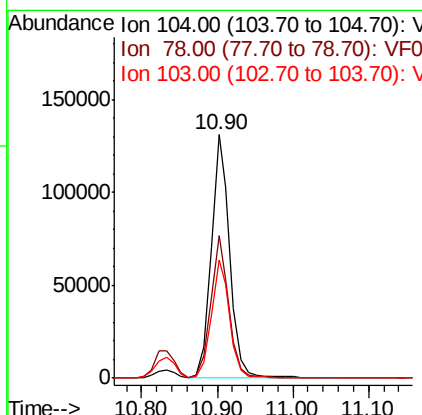
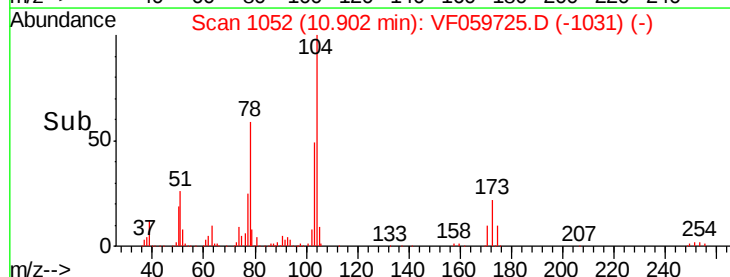
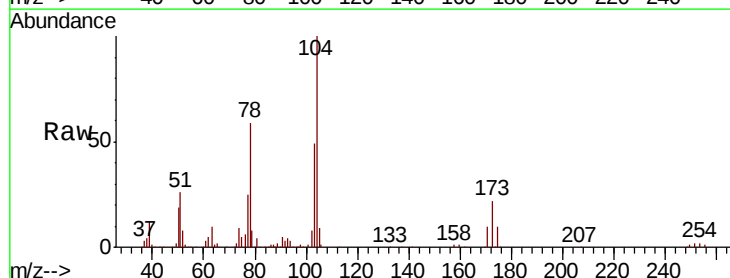
Manual Integrations
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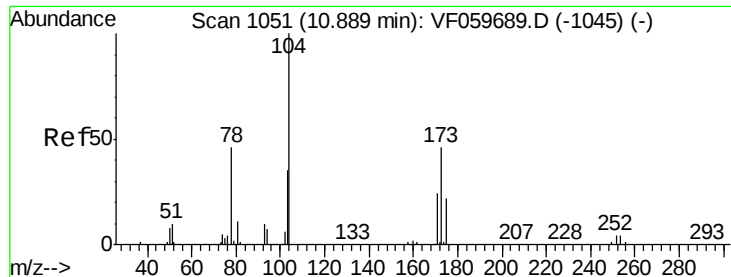
apatel
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#70
Styrene
Concen: 50.076 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Tgt Ion:104 Resp: 224646
Ion Ratio Lower Upper
104 100
78 58.6 45.3 67.9
103 48.6 36.6 54.8





#71

Bromoform

Concen: 50.653 ug/l

RT: 10.89 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

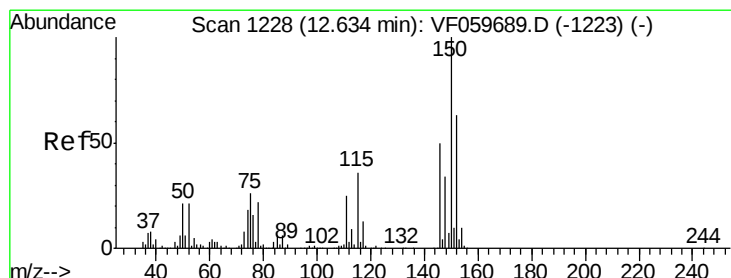
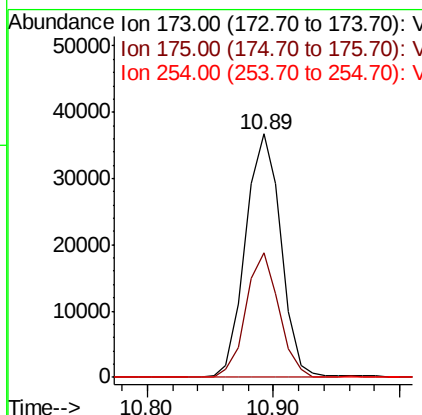
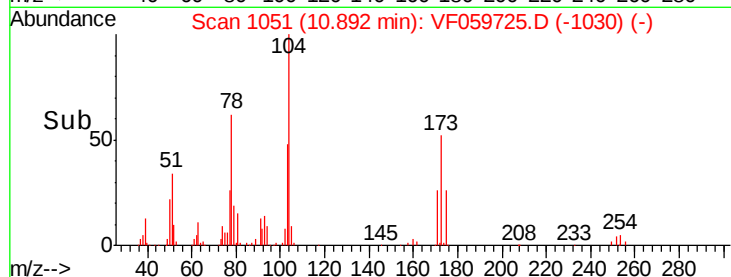
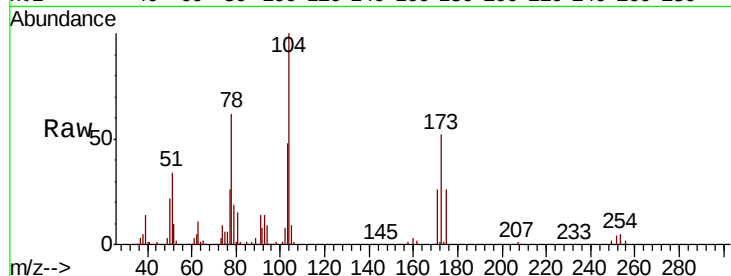
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	71577
Ion Ratio	Lower	Upper	
173	100		
175	50.0	23.4	70.0
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

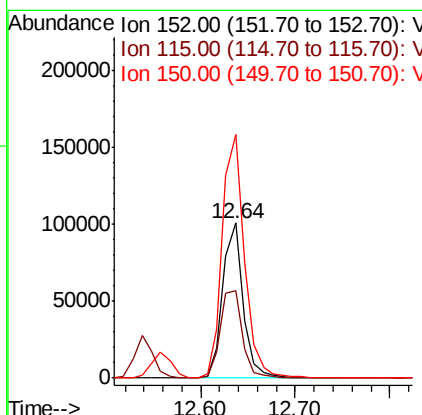
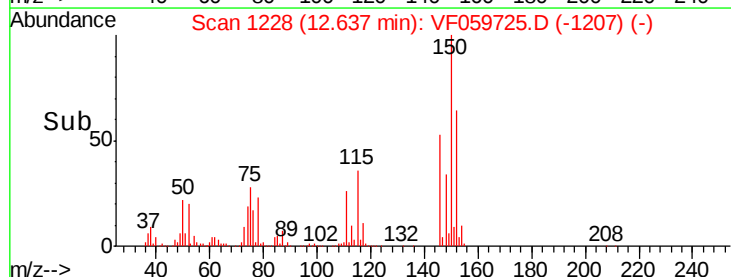
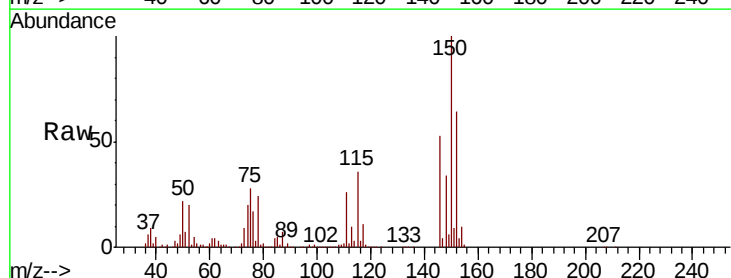
RT: 12.64 min Scan# 1228

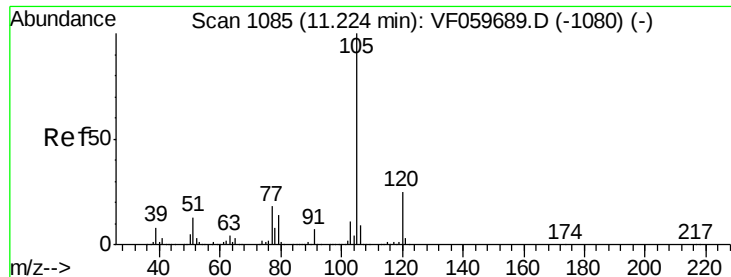
Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Tgt Ion:	152	Resp:	150937
Ion Ratio	Lower	Upper	
152	100		
115	56.6	28.2	84.6
150	157.0	0.0	316.2





#73

Isopropylbenzene

Concen: 49.694 ug/l

RT: 11.23 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 492155

Ion Ratio Lower Upper

105 100

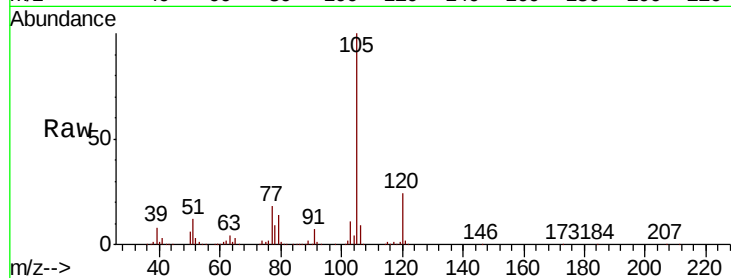
120 23.8 12.4 37.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.23

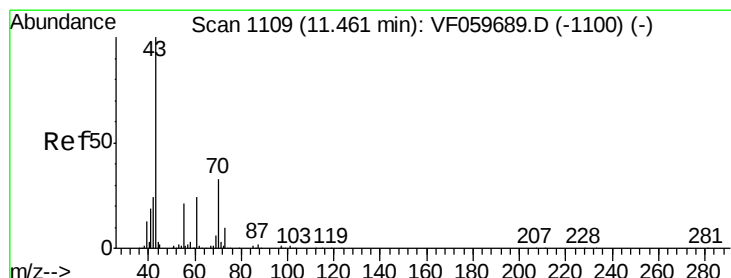
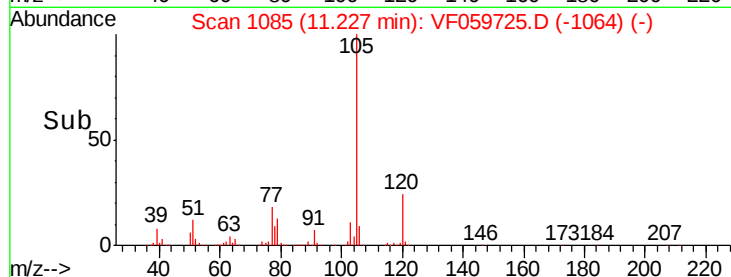
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 43.013 ug/l

RT: 11.46 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Tgt Ion: 43 Resp: 107473

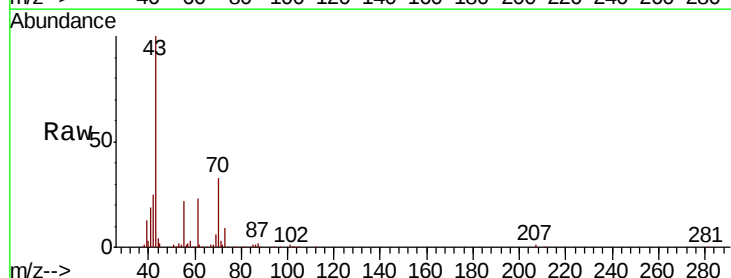
Ion Ratio Lower Upper

43 100

70 33.4 26.3 39.5

55 22.5 16.6 25.0

61 22.9 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

11.46

80000

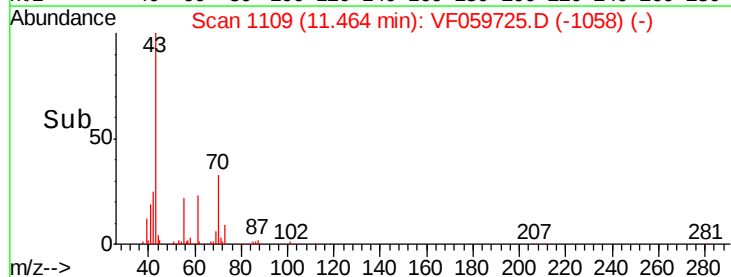
60000

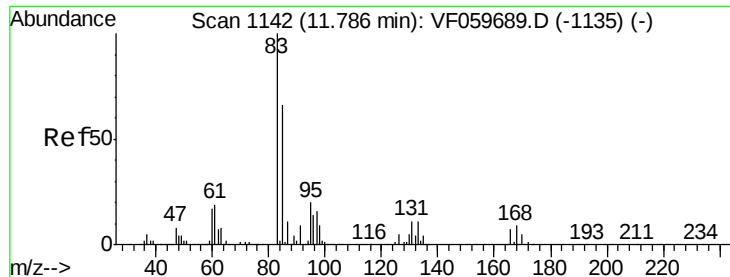
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.400 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

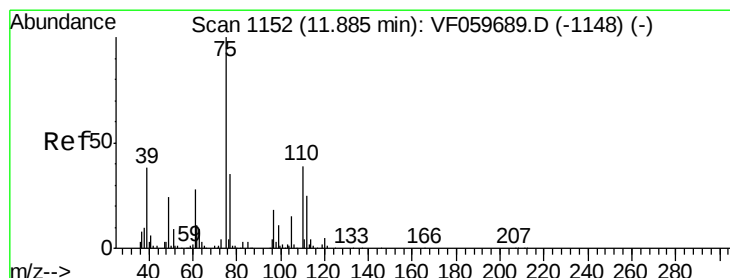
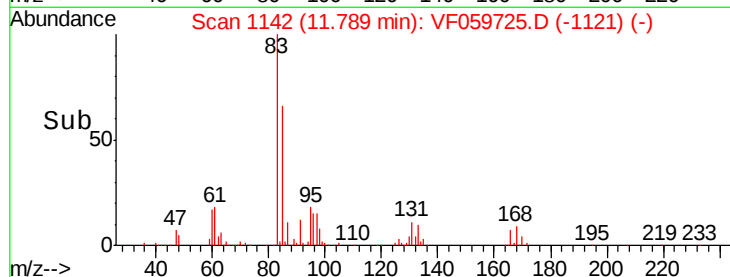
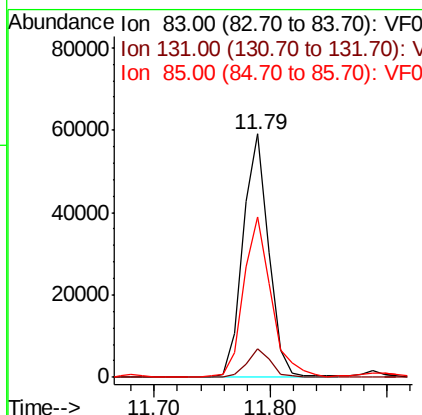
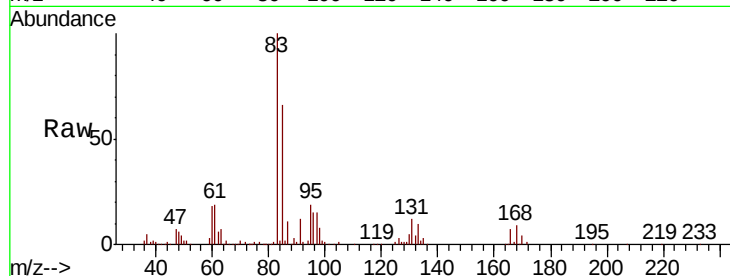
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	90231
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.8	17.3
85	65.9	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.616 ug/l

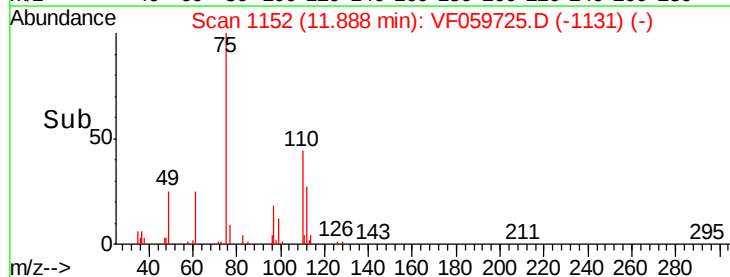
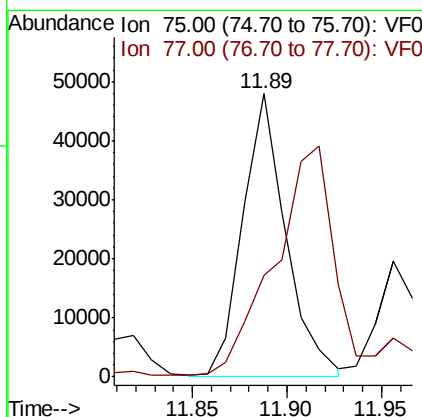
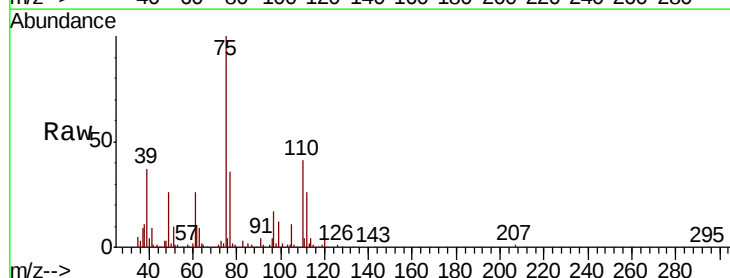
RT: 11.89 min Scan# 1152

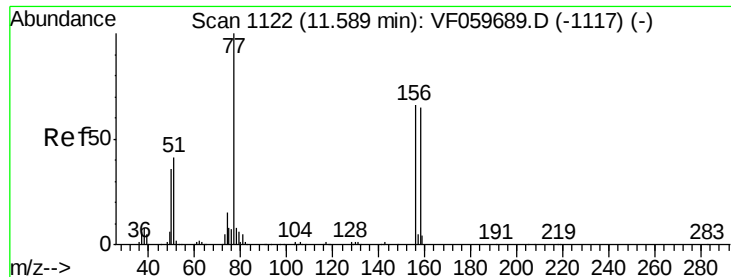
Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Tgt Ion:	75	Resp:	75484
Ion Ratio	Lower	Upper	
75	100		
77	35.8	18.0	54.0





#77

Bromobenzene

Concen: 45.899 ug/l

RT: 11.60 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

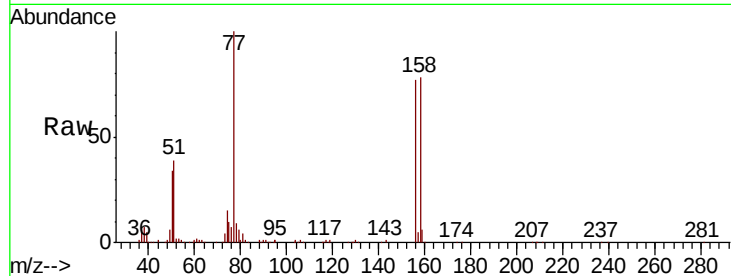
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	129.3	75.2	225.6
158	100.9	49.1	147.3

Manual Integrations
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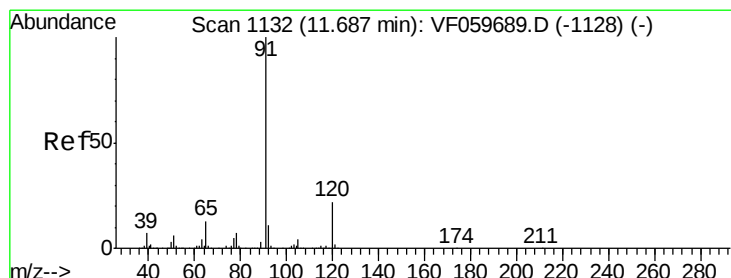
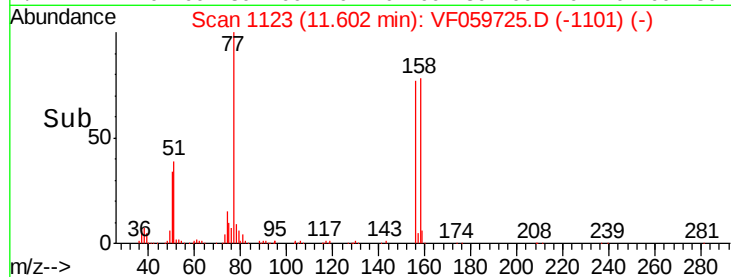
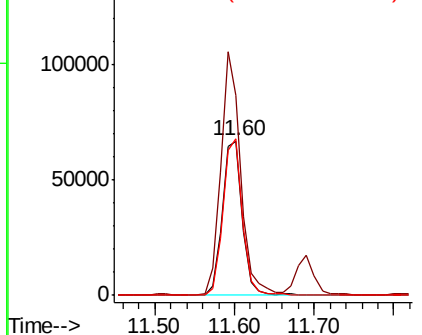
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 55.732 ug/l

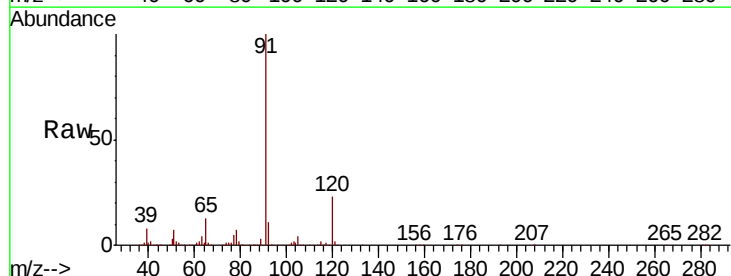
RT: 11.69 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VF059725.D

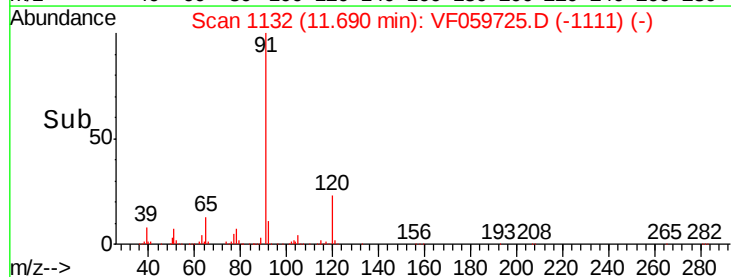
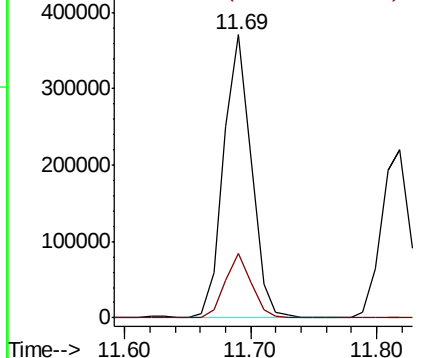
Acq: 31 Jul 2018 23:58

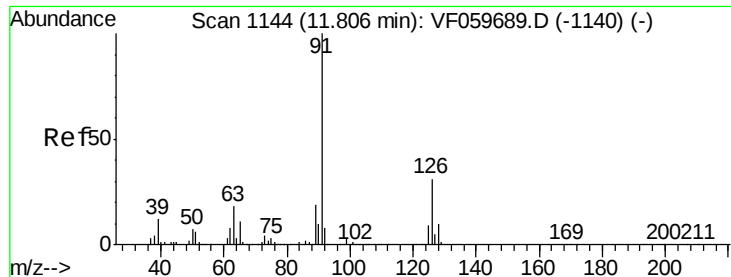
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.0	33.0



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





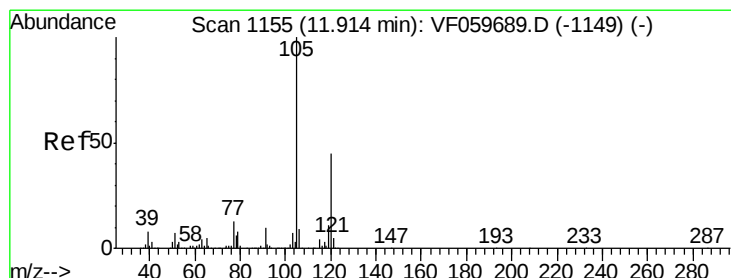
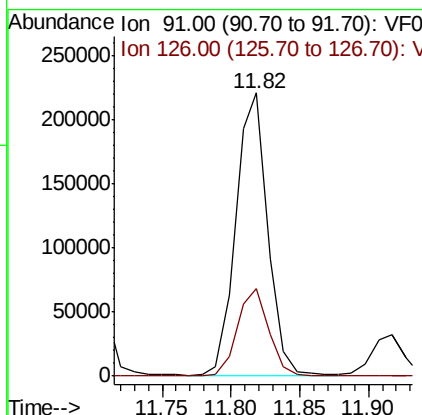
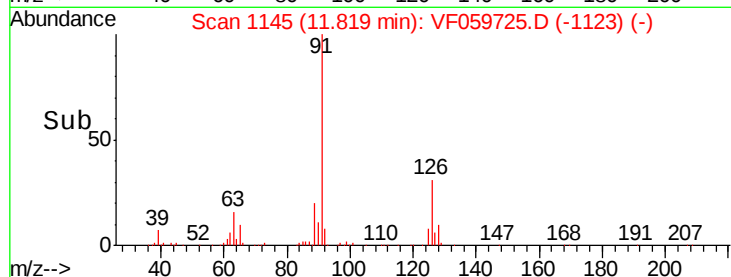
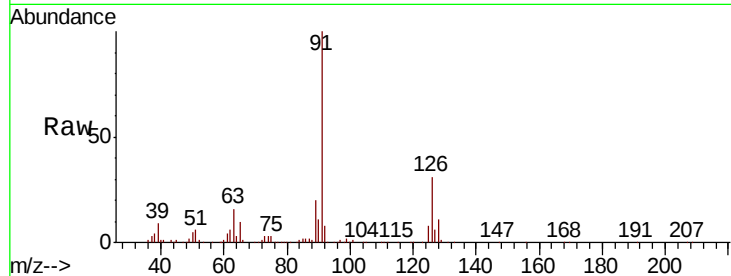
#79
 2-Chlorotoluene
 Concen: 55.723 ug/l
 RT: 11.82 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VF059725.D
 Acq: 31 Jul 2018 23:58

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 352798
 Ion Ratio Lower Upper
 91 100
 126 31.0 15.4 46.2

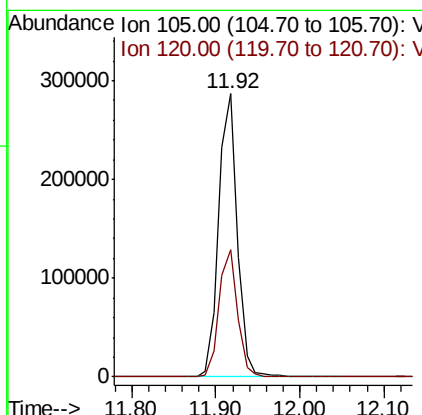
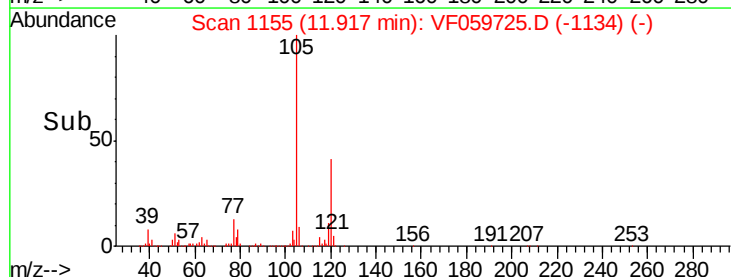
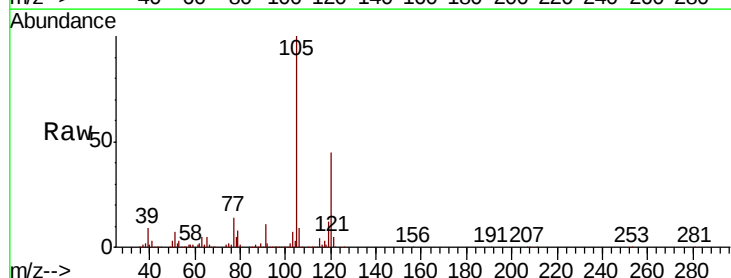
Manual Integrations
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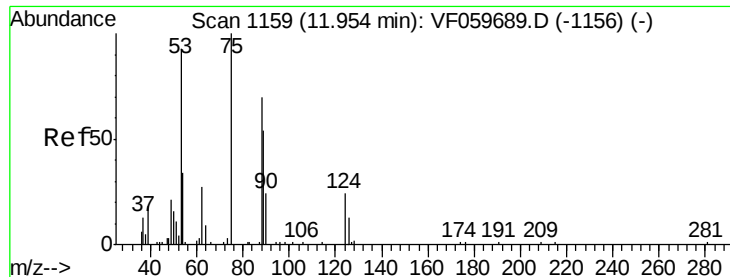
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 56.774 ug/l
 RT: 11.92 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VF059725.D
 Acq: 31 Jul 2018 23:58

Tgt Ion: 105 Resp: 441865
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.7 68.0





#81

trans-1,4-Dichloro-2-butene

Concen: 45.241 ug/l m

RT: 11.96 min Scan# 1159

Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

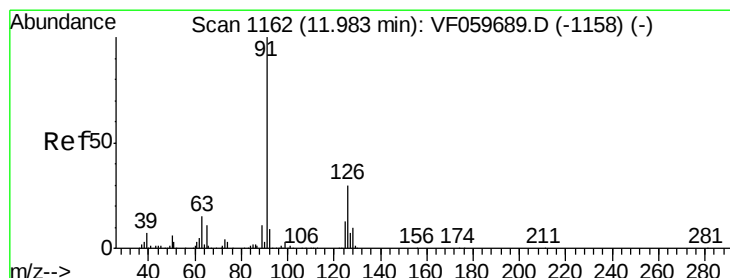
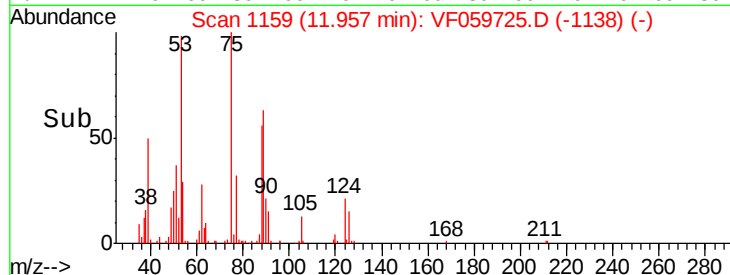
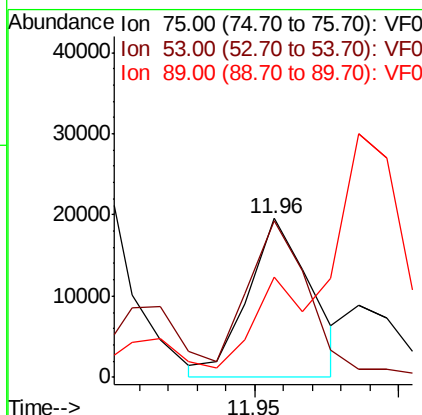
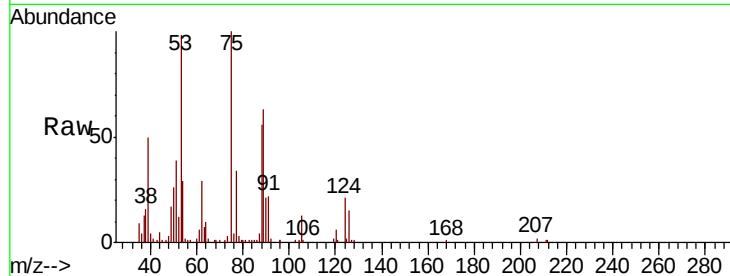
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	29701
Ion	Ratio	Lower	Upper
75	100		
53	98.4	78.3	117.5
89	63.1	45.4	68.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 54.907 ug/l

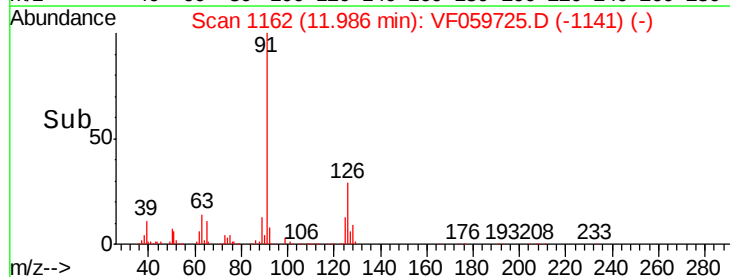
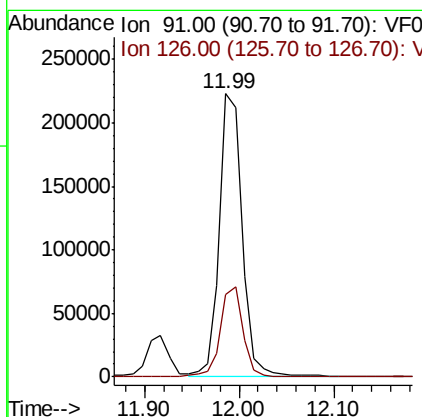
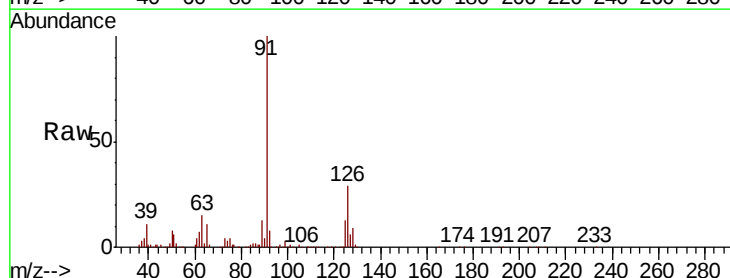
RT: 11.99 min Scan# 1162

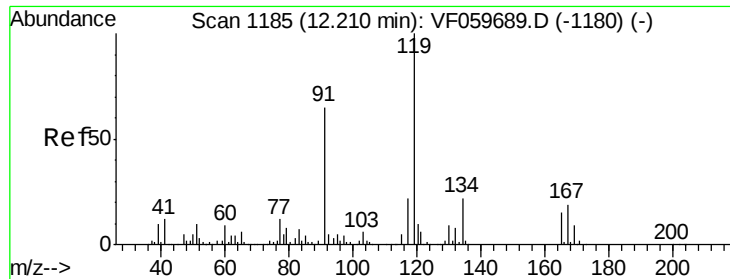
Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Tgt Ion:	91	Resp:	372035
Ion	Ratio	Lower	Upper
91	100		
126	29.1	15.2	45.6





#83

tert-Butylbenzene

Concen: 50.768 ug/l

RT: 12.21 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

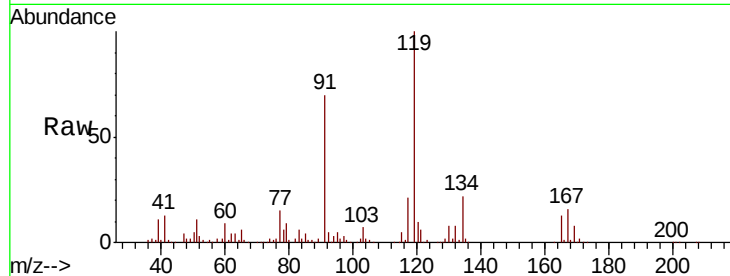
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	451351
Ion Ratio	Lower	Upper	
119	100		
91	69.8	32.8	98.4
134	21.9	10.9	32.7

Manual Integrations
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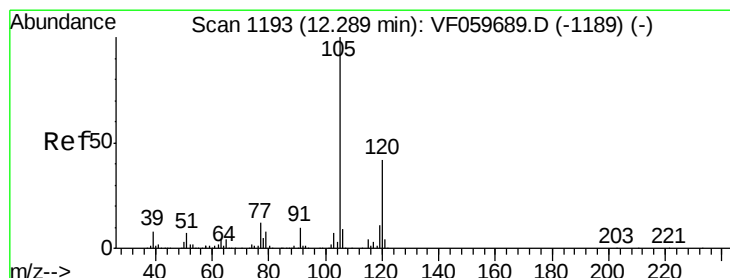
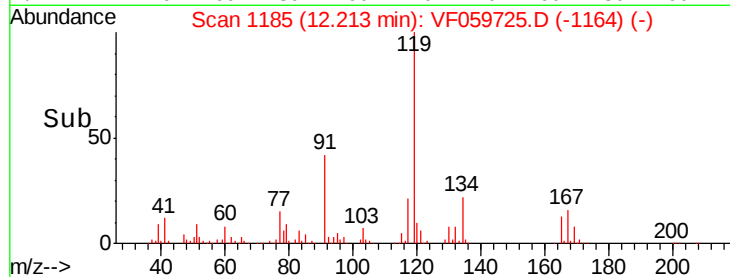
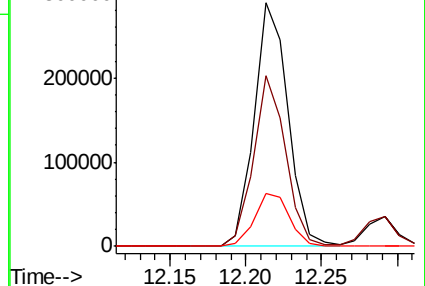
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 56.823 ug/l

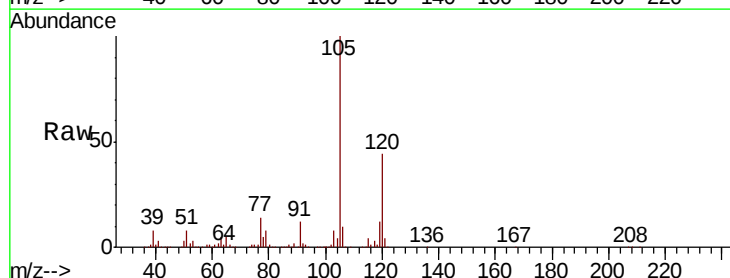
RT: 12.29 min Scan# 1193

Delta R.T. 0.00 min

Lab File: VF059725.D

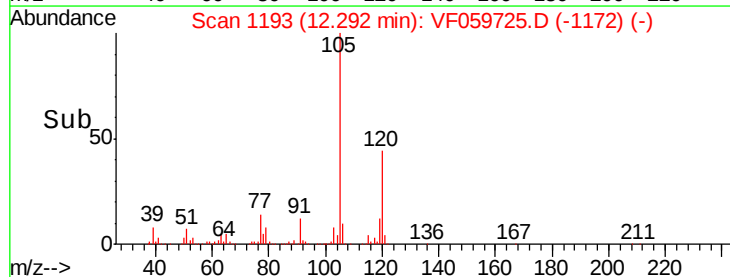
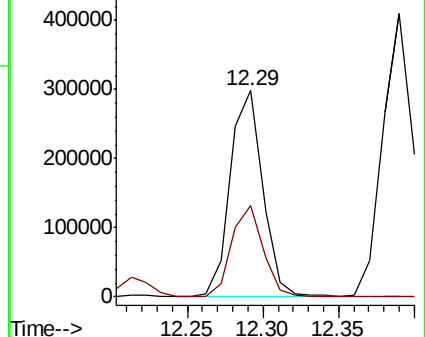
Acq: 31 Jul 2018 23:58

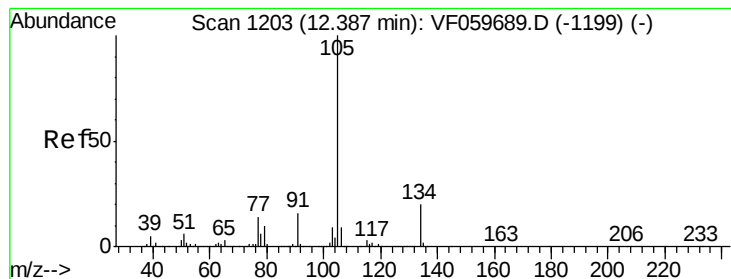
Tgt Ion:	105	Resp:	448026
Ion Ratio	Lower	Upper	
105	100		
120	44.3	21.1	63.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 58.926 ug/l

RT: 12.39 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 586384

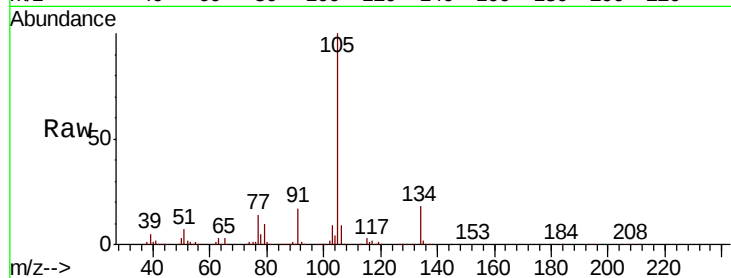
Ion Ratio Lower Upper

105 100

134 18.4 9.8 29.3

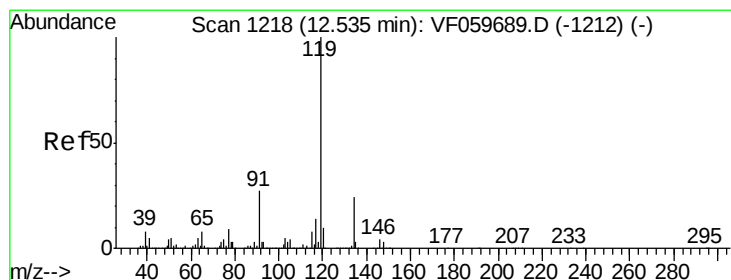
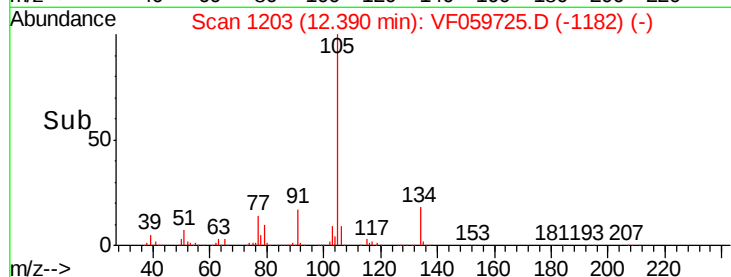
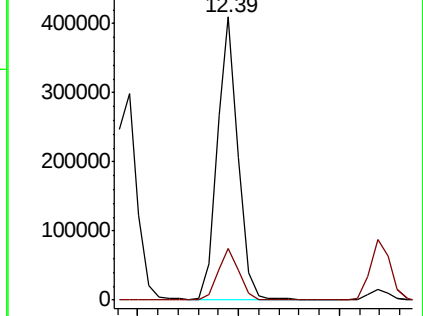
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 58.358 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. 0.00 min

Lab File: VF059725.D

Acq: 31 Jul 2018 23:58

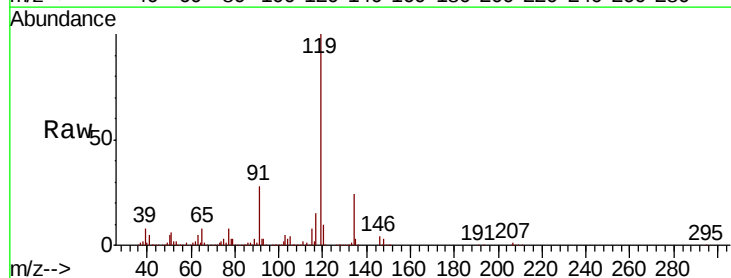
Tgt Ion:119 Resp: 506409

Ion Ratio Lower Upper

119 100

134 24.3 12.2 36.6

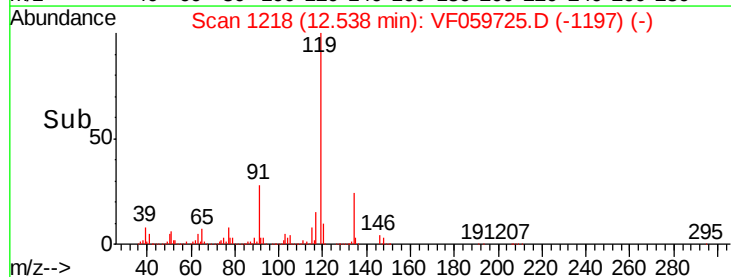
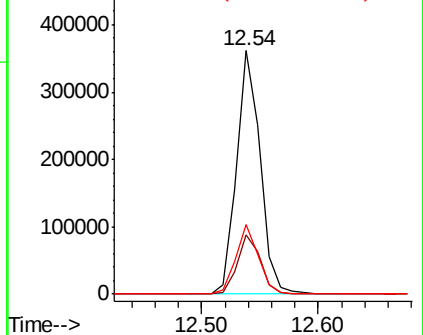
91 28.3 13.4 40.2

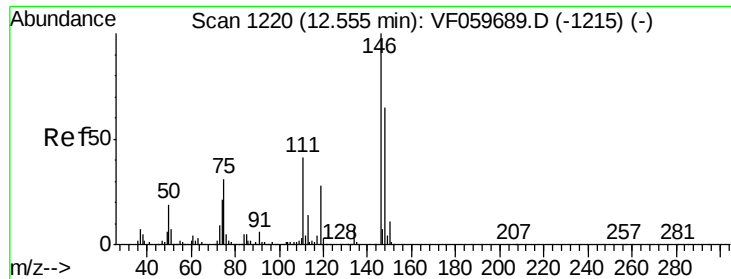


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0





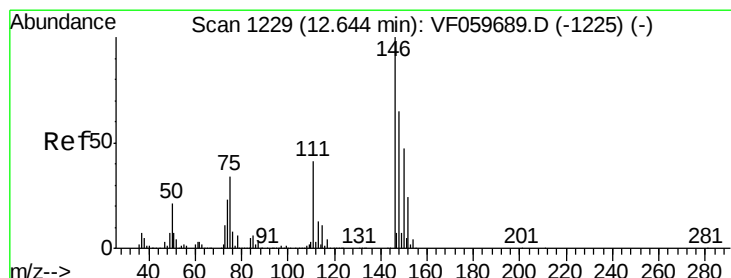
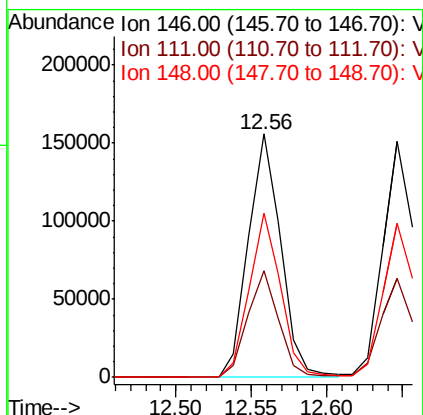
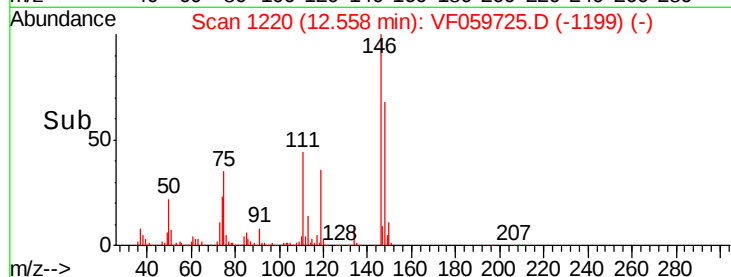
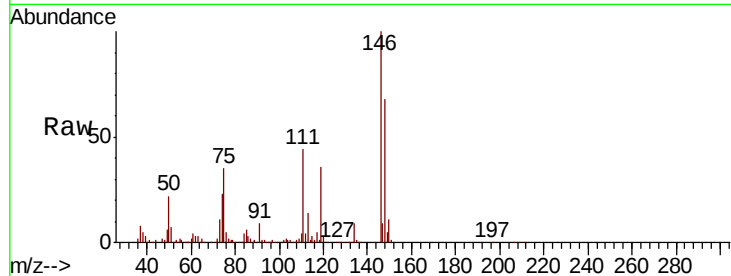
#87
 1,3-Dichlorobenzene
 Concen: 55.911 ug/l
 RT: 12.56 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: VF059725.D
 Acq: 31 Jul 2018 23:58

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	20.7	62.1
148	67.6	32.3	96.8

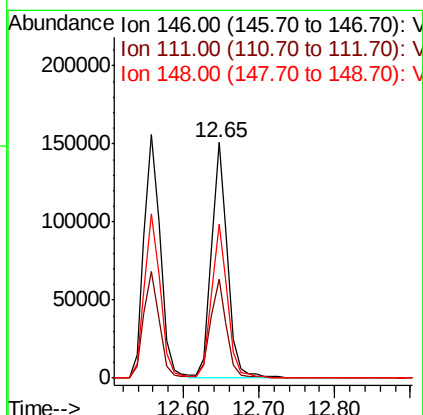
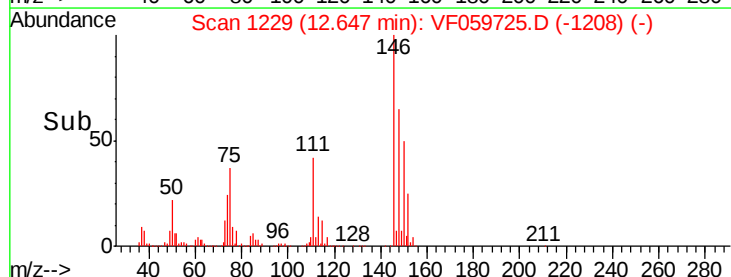
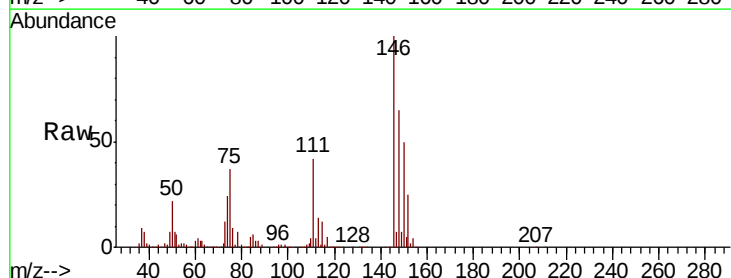
Manual Integrations
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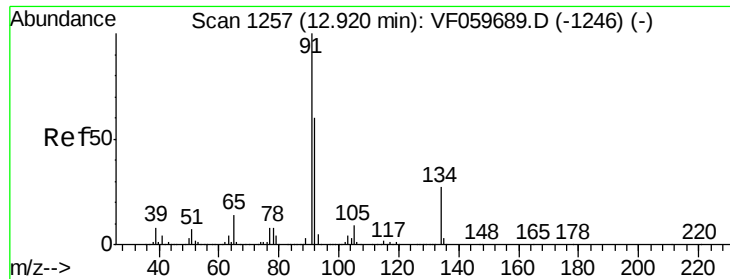
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#88
 1,4-Dichlorobenzene
 Concen: 53.732 ug/l
 RT: 12.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VF059725.D
 Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.8	62.2
148	65.4	32.3	96.9





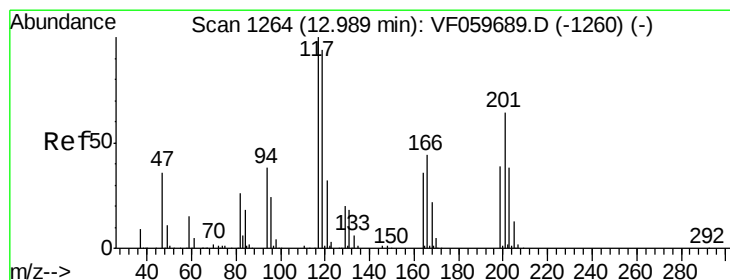
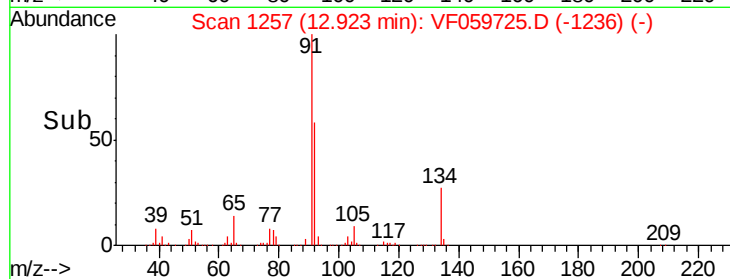
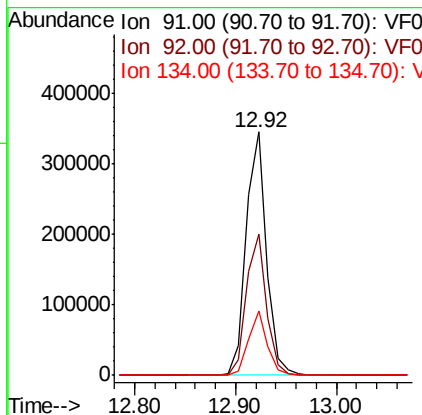
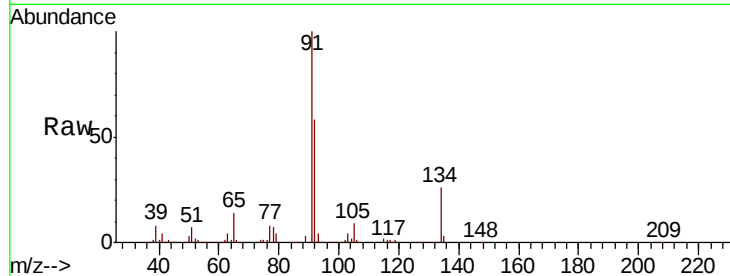
#89
n-Butylbenzene
Concen: 58.921 ug/l
RT: 12.92 min Scan# 1257
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	484612		
92	58.1	30.1	90.3	
134	26.5	13.7	41.0	

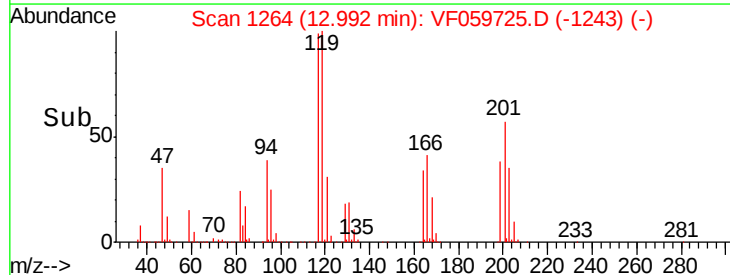
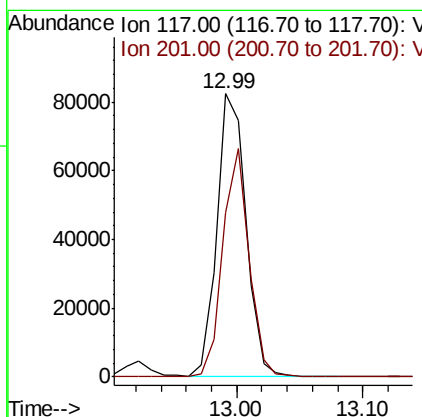
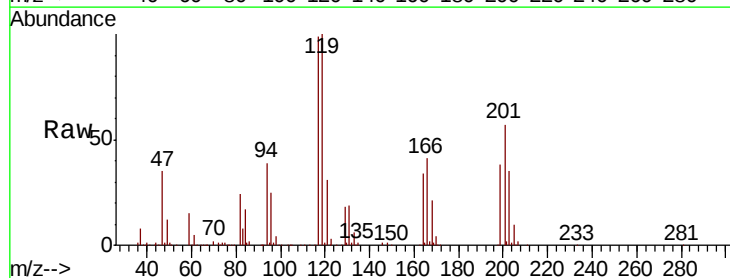
Manual Integrations
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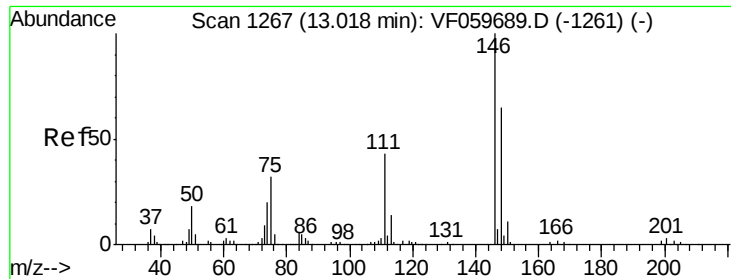
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#90
Hexachloroethane
Concen: 52.890 ug/l
RT: 12.99 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	132117		
201	59.4	31.9	95.5	





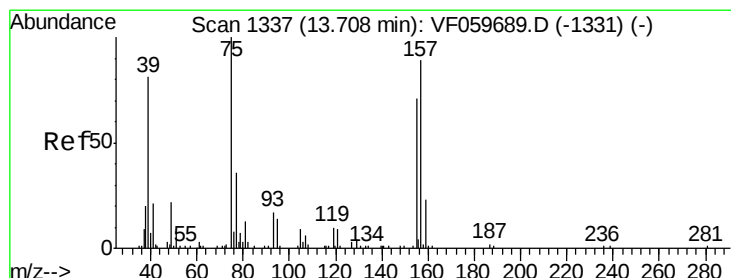
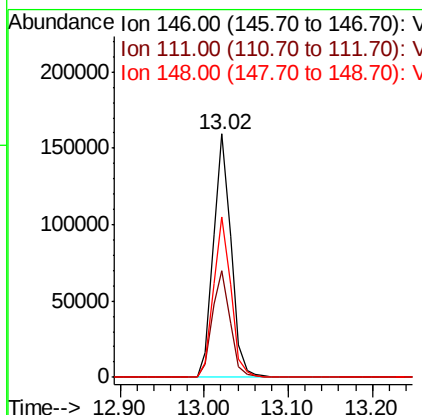
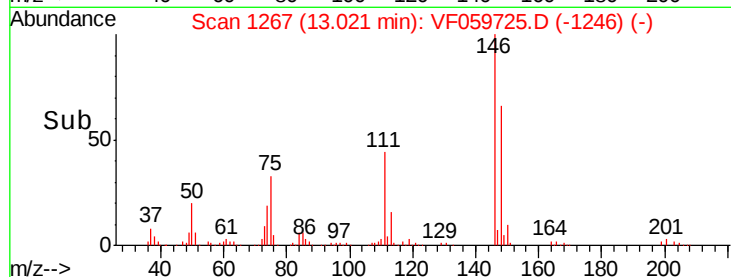
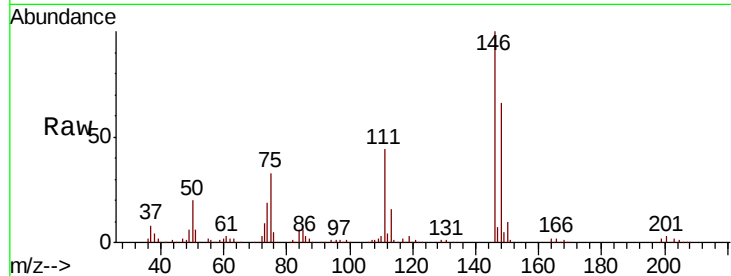
#91
 1,2-Dichlorobenzene
 Concen: 56.918 ug/l
 RT: 13.02 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VF059725.D
 Acq: 31 Jul 2018 23:58

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.6	65.0
148	65.9	32.3	96.9

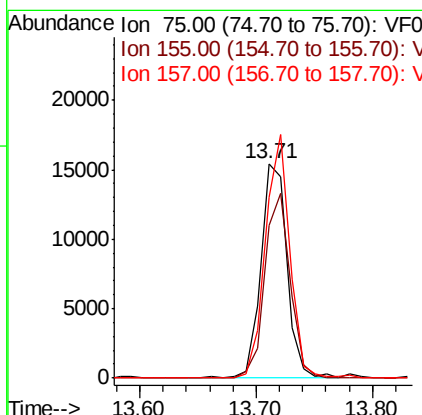
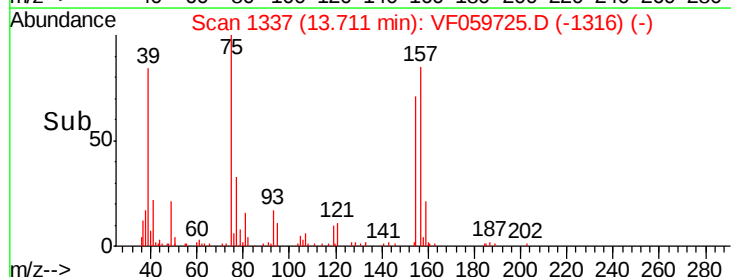
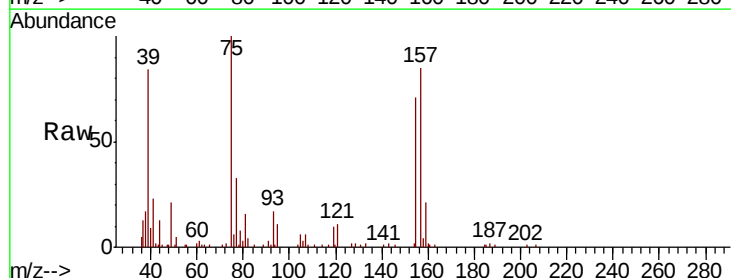
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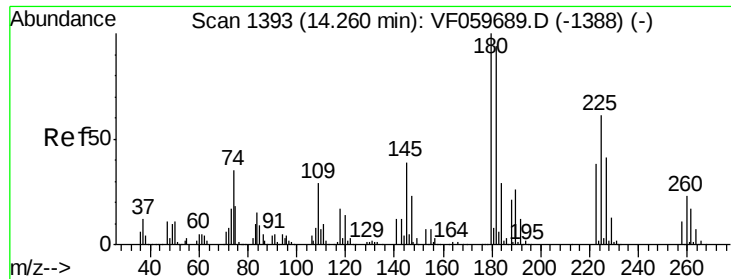
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.767 ug/l
 RT: 13.71 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VF059725.D
 Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.1	35.4	106.2
157	84.6	44.4	133.2





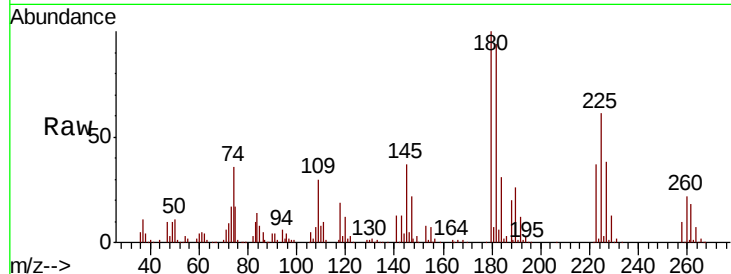
#93
 1,2,4-Trichlorobenzene
 Concen: 55.087 ug/l
 RT: 14.26 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VF059725.D
 Acq: 31 Jul 2018 23:58

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	179507		
182	94.1	47.2	141.6	
145	36.7	19.3	57.9	

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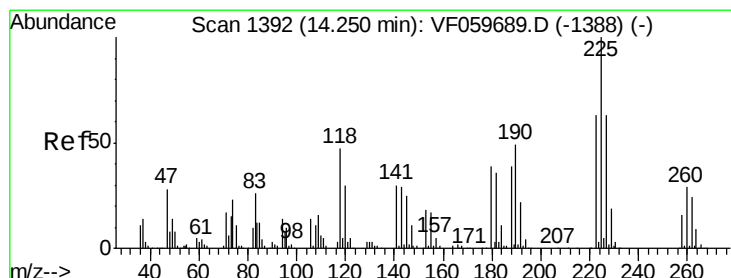
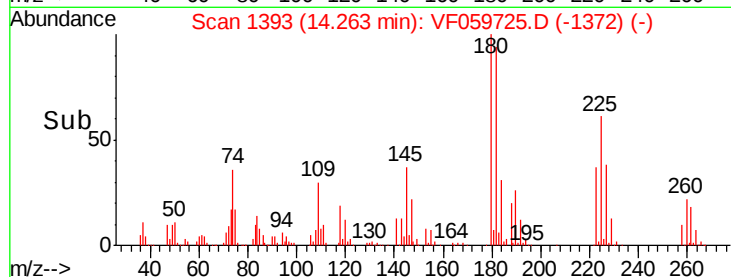
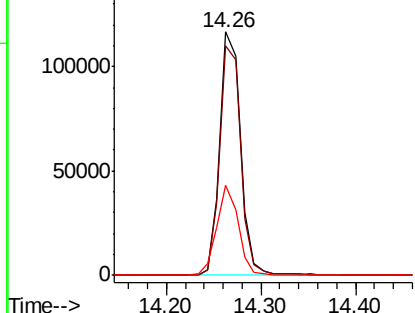


Abundance

Ion 180.00 (179.70 to 180.70): V

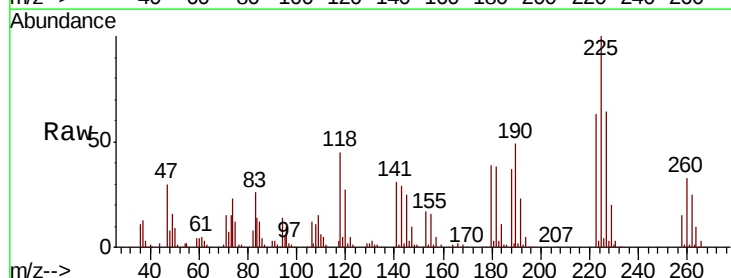
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#94
 Hexachlorobutadiene
 Concen: 52.274 ug/l
 RT: 14.25 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VF059725.D
 Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	129415		
223	63.5	31.4	94.2	
227	64.0	31.5	94.5	

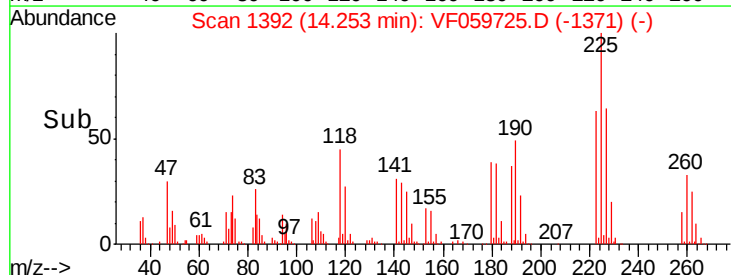
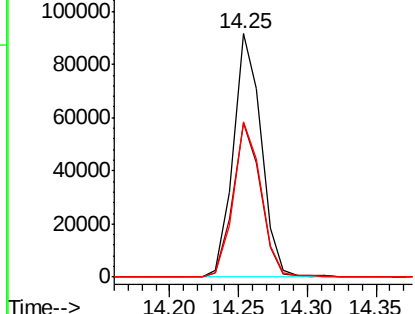


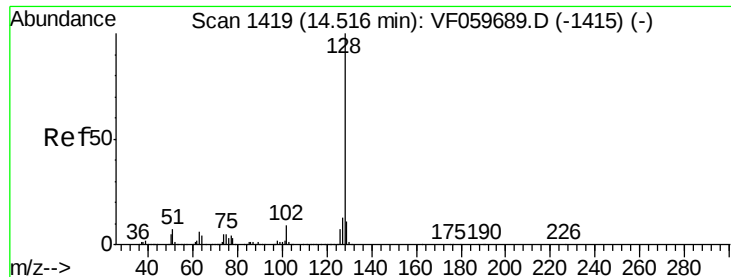
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





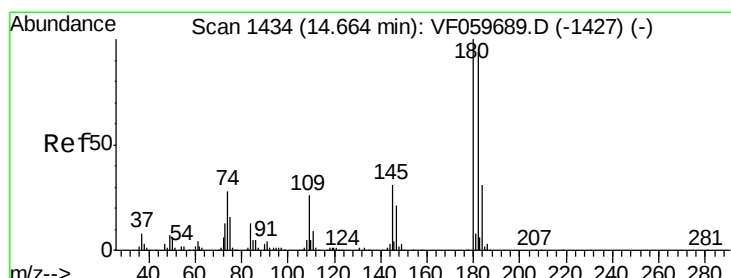
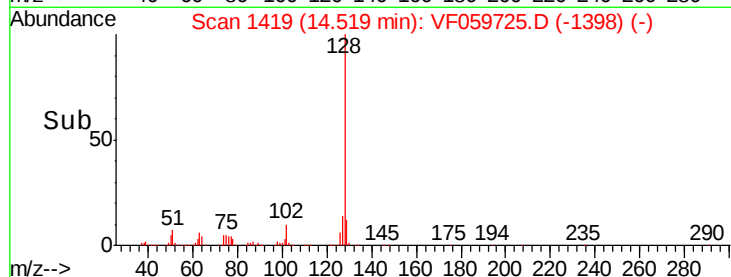
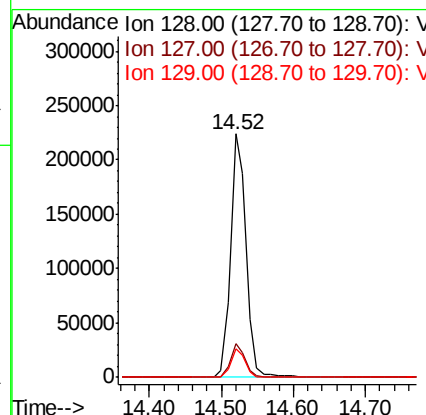
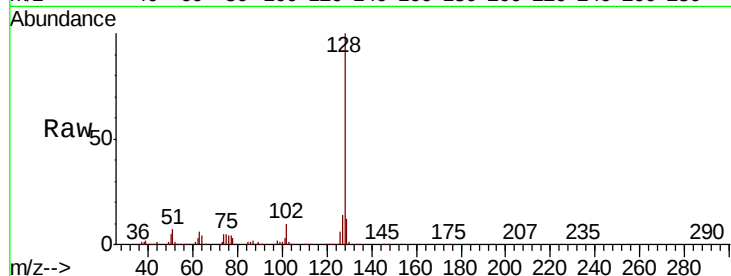
#95
Naphthalene
Concen: 51.016 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.0	15.0
129	11.7	8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 51.593 ug/l
RT: 14.67 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VF059725.D
Acq: 31 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.2	141.6
145	32.0	15.6	46.7

