

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071818\
 Data File : VF059535.D
 Acq On : 19 Jul 2018 1:50
 Operator : VA/AP
 Sample : J3982-04MSD
 Misc : 12.30g/5mL/MSVOA F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-05-0-2MSD

Manual Integrations
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 7/19/2018 10:18:57 AM

Quant Time: Jul 19 06:53:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	223000	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	324521	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.90	117	325049	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.63	152	182391	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	207200	59.74	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	119.48%	
35) Dibromofluoromethane	4.29	113	157606	56.08	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	112.16%	
50) Toluene-d8	7.70	98	346265	48.91	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.50	95	192420	51.81	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	103.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.98	85	142660	52.21	ug/l	97
3) Chloromethane	1.09	50	72718	48.37	ug/l	91
4) Vinyl Chloride	1.15	62	82041	54.09	ug/l	98
5) Bromomethane	1.34	94	63166	60.09	ug/l	94
6) Chloroethane	1.42	64	44597	58.31	ug/l	95
7) Trichlorofluoromethane	1.49	101	183008m	49.30	ug/l	
8) Diethyl Ether	1.70	74	40998	57.39	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	1.89	101	93382	59.56	ug/l	93
10) Methyl Iodide	1.96	142	173958	63.38	ug/l	97
11) Tert butyl alcohol	2.68	59	52830	367.71	ug/l	95
12) 1,1-Dichloroethene	1.85	96	81926	49.14	ug/l	93
13) Acrolein	2.08	56	10009	138.88	ug/l	98
14) Allyl chloride	2.19	41	150670	72.41	ug/l	97
15) Acrylonitrile	3.06	53	92092	316.49	ug/l	92
16) Acetone	2.33	43	245705	502.12	ug/l	98
17) Carbon Disulfide	1.86	76	198656	46.50	ug/l #	93
18) Methyl Acetate	2.44	43	128208m	125.59	ug/l	
19) Methyl tert-butyl Ether	2.53	73	298530	57.08	ug/l	100
20) Methylene Chloride	2.28	84	87600	56.59	ug/l	92
21) trans-1,2-Dichloroethene	2.40	96	82108	53.26	ug/l	98
22) Diisopropyl ether	2.92	45	308902	52.82	ug/l	94
23) Vinyl Acetate	3.32	43	399876	117.02	ug/l	98
24) 1,1-Dichloroethane	2.99	63	200101	55.41	ug/l	99
25) 2-Butanone	4.50	43	244812	304.03	ug/l	98
26) 2,2-Dichloropropane	3.74	77	130922	54.80	ug/l	95
27) cis-1,2-Dichloroethene	3.63	96	110017	61.32	ug/l	92
28) Bromochloromethane	3.87	49	87891	55.29	ug/l #	93
29) Tetrahydrofuran	4.24	42	108999	340.37	ug/l	97
30) Chloroform	4.03	83	291973	55.97	ug/l	99
31) Cyclohexane	3.85	56	96768	51.73	ug/l	96
32) 1,1,1-Trichloroethane	4.27	97	231475	68.28	ug/l	97
36) 1,1-Dichloropropene	4.44	75	164917	50.77	ug/l	96
37) Ethyl Acetate	4.28	43	95917	55.45	ug/l #	26
38) Carbon Tetrachloride	4.16	117	231446	62.18	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.62	83	90719	36.80	ug/l	94
40) Benzene	4.80	78	289395	45.92	ug/l	96
41) Methacrylonitrile	4.91	41	53168	57.08	ug/l #	89
42) 1,2-Dichloroethane	5.10	62	248128	59.95	ug/l	99
43) Isopropyl Acetate	7.11	43	96407	41.30	ug/l	98
44) Trichloroethene	5.67	130	121384	52.04	ug/l	99
45) 1,2-Dichloropropane	6.40	63	93870	53.67	ug/l	100
46) Dibromomethane	6.24	93	94008	59.02	ug/l	89
47) Bromodichloromethane	6.53	83	229975	56.09	ug/l	98
48) Methyl methacrylate	6.87	41	103221	61.92	ug/l	97
49) 1,4-Dioxane	6.85	88	13784	2074.96	ug/l	93
51) 4-Methyl-2-Pentanone	8.40	43	507588	306.79	ug/l	99
52) Toluene	7.77	92	242959	53.16	ug/l	100
53) t-1,3-Dichloropropene	8.42	75	201854	53.52	ug/l	98
54) cis-1,3-Dichloropropene	7.45	75	201383	53.63	ug/l	98
55) 1,1,2-Trichloroethane	8.62	97	110746	62.54	ug/l	96
56) Ethyl methacrylate	8.75	69	105908	48.23	ug/l	98
57) 1,3-Dichloropropane	8.99	76	187964	60.03	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.77	63	51048	263.30	ug/l	100
59) 2-Hexanone	9.62	43	409209	327.26	ug/l	96
60) Dibromochloromethane	8.85	129	178315	59.75	ug/l	100
61) 1,2-Dibromoethane	9.13	107	130839	59.55	ug/l	93
64) Tetrachloroethene	8.30	164	130542	53.93	ug/l	95
65) Chlorobenzene	9.93	112	318200	52.20	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.06	131	146032	52.59	ug/l	95
67) Ethyl Benzene	10.03	91	510609	47.06	ug/l	100
68) m/p-Xylenes	10.26	106	362821	94.73	ug/l	99
69) o-Xylene	10.82	106	217367	53.30	ug/l	96
70) Styrene	10.89	104	315021	50.25	ug/l	98
71) Bromoform	10.88	173	119004	61.70	ug/l	98
73) Isopropylbenzene	11.22	105	579000	50.31	ug/l	99
74) N-amyl acetate	11.45	43	158619	43.03	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.78	83	163553	65.15	ug/l	97
76) 1,2,3-Trichloropropane	11.88	75	137786	67.22	ug/l	95
77) Bromobenzene	11.59	156	173396	53.75	ug/l	95
78) n-propylbenzene	11.68	91	619314	46.91	ug/l	97
79) 2-Chlorotoluene	11.81	91	420225	51.68	ug/l	100
80) 1,3,5-Trimethylbenzene	11.91	105	460190	47.72	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.95	75	57563m	61.47	ug/l	
82) 4-Chlorotoluene	11.98	91	448992	49.28	ug/l	92
83) tert-Butylbenzene	12.21	119	422169	45.61	ug/l	96
84) 1,2,4-Trimethylbenzene	12.28	105	478757	48.25	ug/l	95
85) sec-Butylbenzene	12.38	105	490248	41.65	ug/l	98
86) p-Isopropyltoluene	12.54	119	435121	42.49	ug/l	97
87) 1,3-Dichlorobenzene	12.55	146	278826	50.38	ug/l	96
88) 1,4-Dichlorobenzene	12.64	146	279068	51.17	ug/l	99
89) n-Butylbenzene	12.91	91	364383	38.02	ug/l	95
90) Hexachloroethane	12.99	117	111912	48.10	ug/l	98
91) 1,2-Dichlorobenzene	13.01	146	277772	52.48	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.71	75	37407	65.78	ug/l	78

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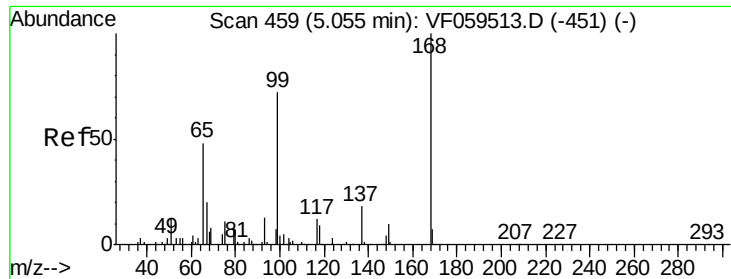
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	153541	47.74	ug/l	98
94) Hexachlorobutadiene	14.25	225	47854	29.04	ug/l	97
95) Naphthalene	14.52	128	410961	61.51	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	149522	51.45	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion: 168 Resp: 223000

Ion Ratio Lower Upper

168 100

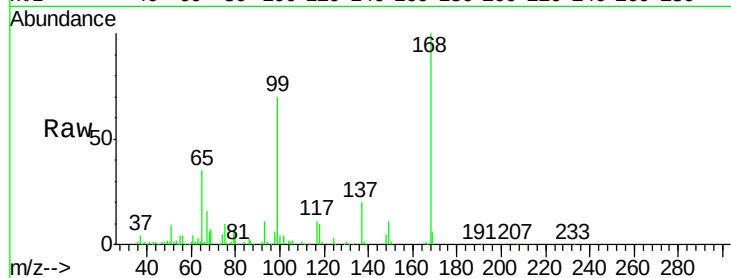
99 69.6 57.6 86.4

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

80000

60000

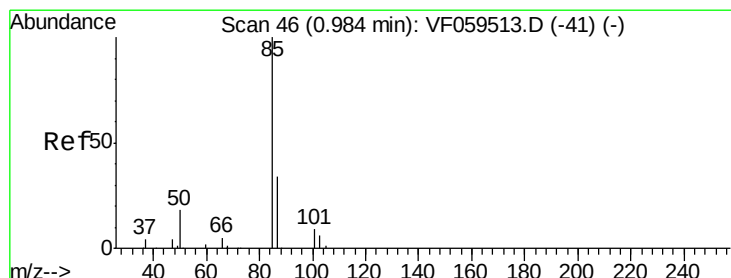
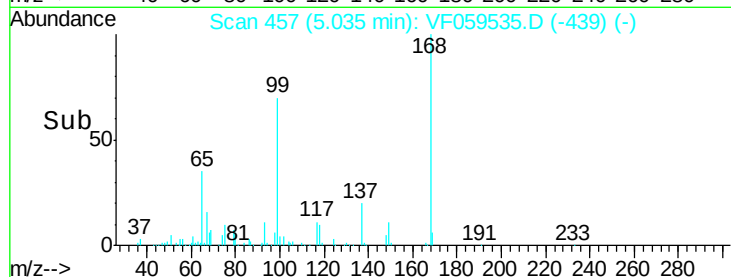
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#2

Dichlorodifluoromethane

Concen: 52.21 ug/l

RT: 0.98 min Scan# 46

Delta R.T. -0.00 min

Lab File: VF059535.D

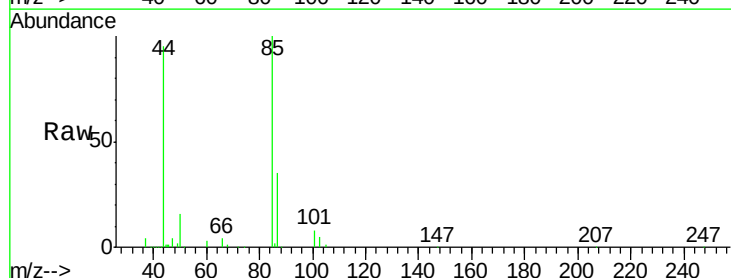
Acq: 19 Jul 2018 1:50

Tgt Ion: 85 Resp: 142660

Ion Ratio Lower Upper

85 100

87 35.2 16.9 50.6



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.98

50000

40000

30000

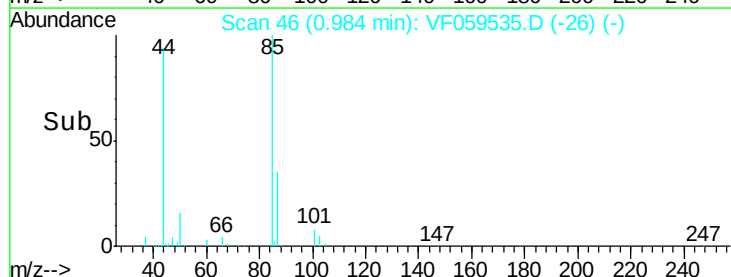
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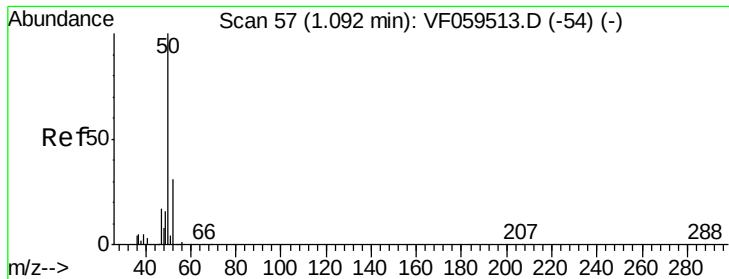
10000

0

0.90 1.00 1.10 1.20

Time-->





#3

Chloromethane

Concen: 48.37 ug/l

RT: 1.09 min Scan# 57

Delta R.T. -0.00 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion: 50 Resp: 72718

Ion Ratio Lower Upper

50 100

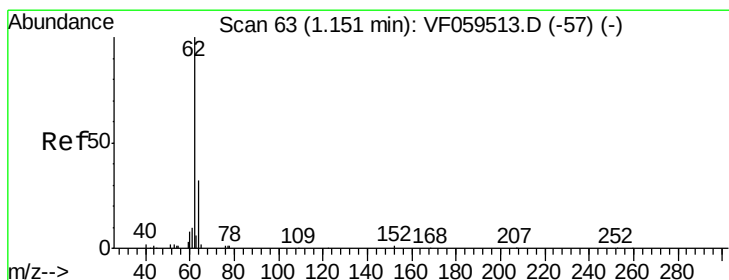
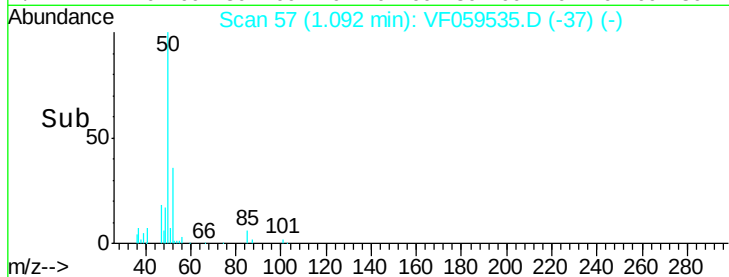
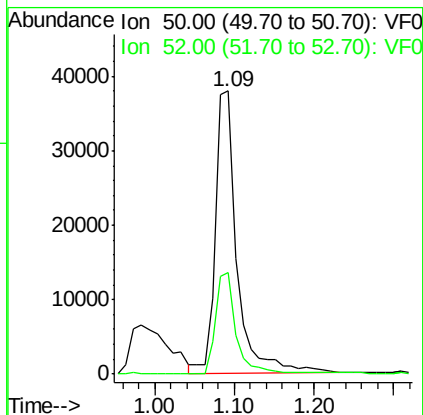
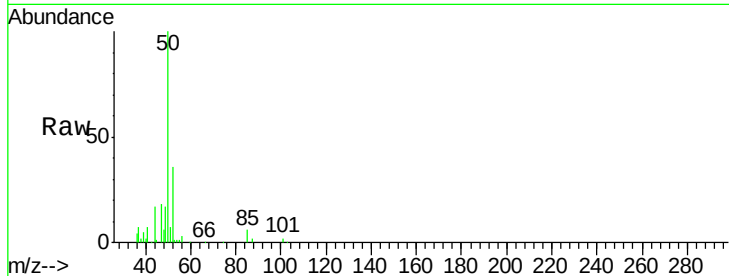
52 36.0 24.6 37.0

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#4

Vinyl Chloride

Concen: 54.09 ug/l

RT: 1.15 min Scan# 63

Delta R.T. -0.00 min

Lab File: VF059535.D

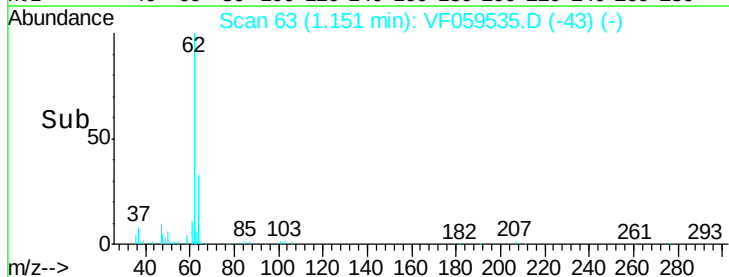
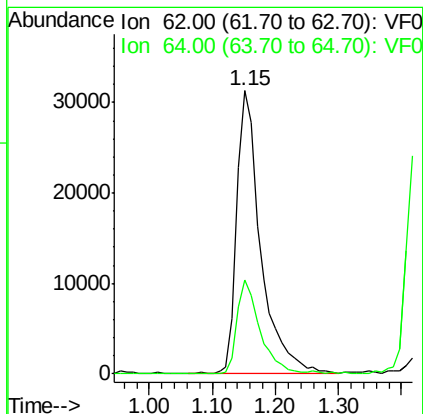
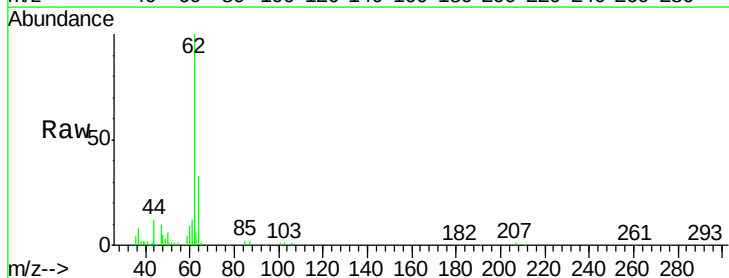
Acq: 19 Jul 2018 1:50

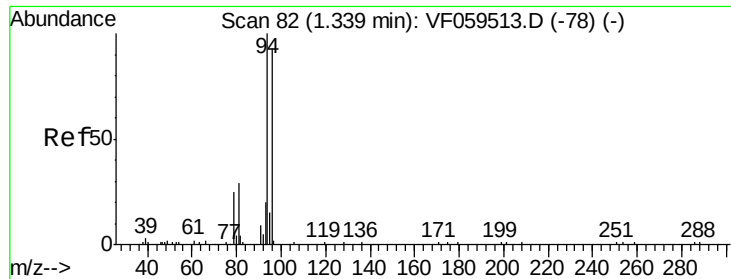
Tgt Ion: 62 Resp: 82041

Ion Ratio Lower Upper

62 100

64 33.0 25.7 38.5





#5

Bromomethane

Concen: 60.09 ug/l

RT: 1.34 min Scan# 82

Delta R.T. -0.00 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion: 94 Resp: 63166

Ion Ratio Lower Upper

94 100

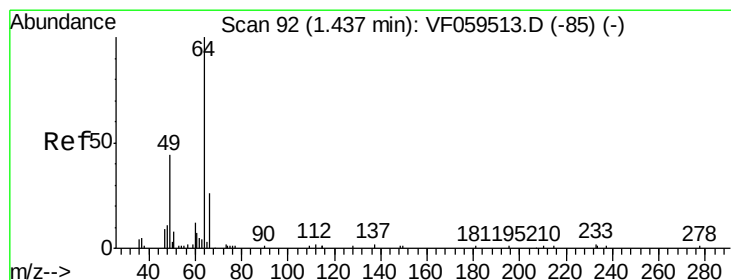
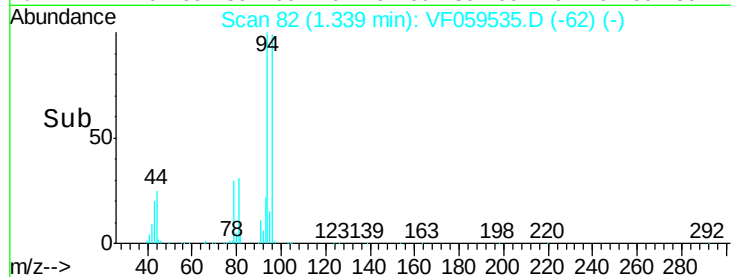
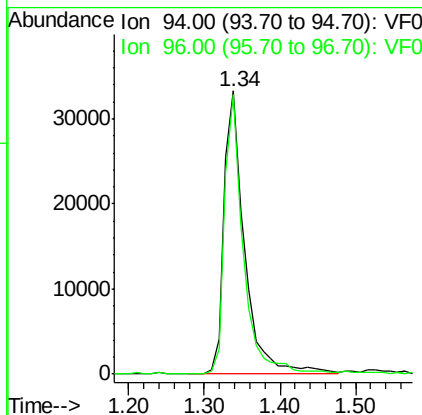
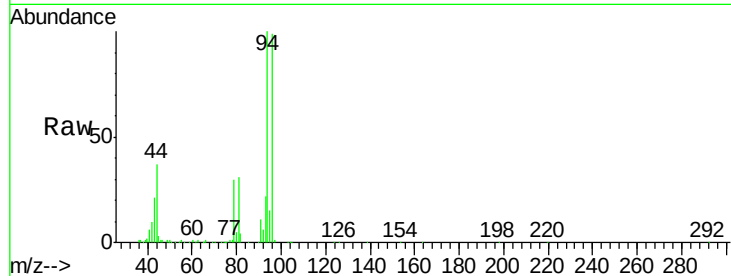
96 98.7 74.2 111.2

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#6

Chloroethane

Concen: 58.31 ug/l

RT: 1.42 min Scan# 90

Delta R.T. -0.02 min

Lab File: VF059535.D

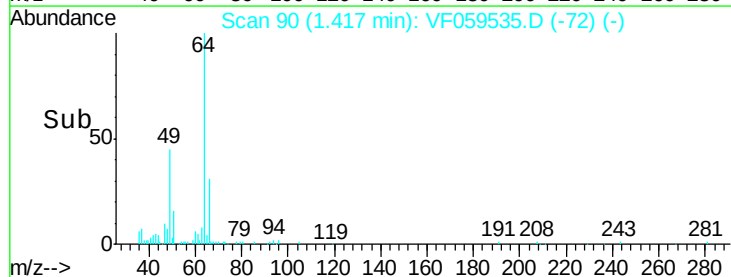
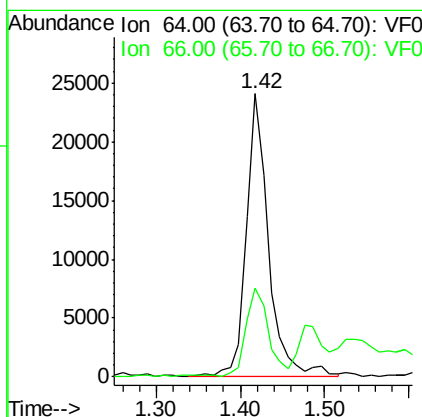
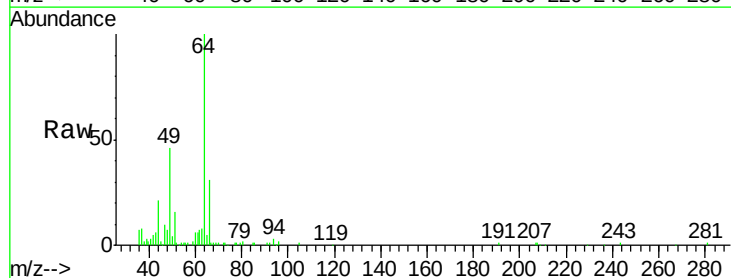
Acq: 19 Jul 2018 1:50

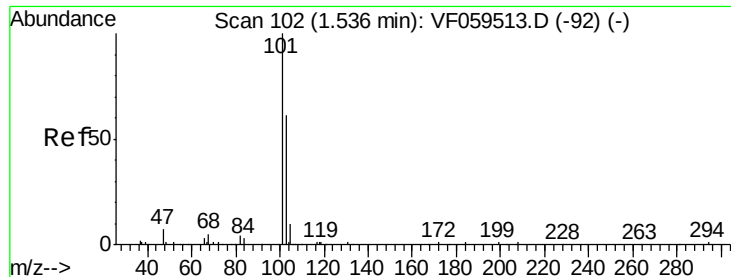
Tgt Ion: 64 Resp: 44597

Ion Ratio Lower Upper

64 100

66 31.4 22.9 34.3





#7

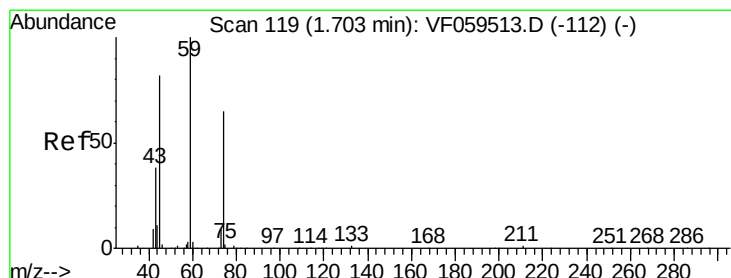
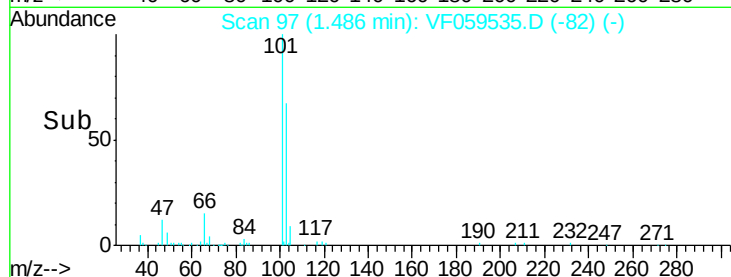
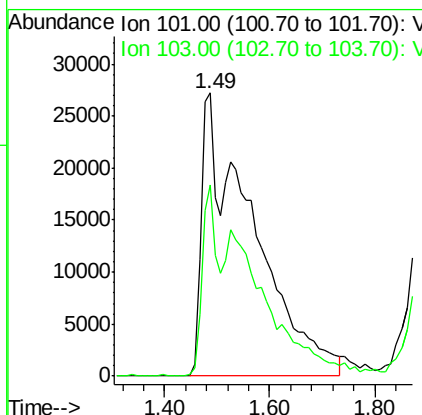
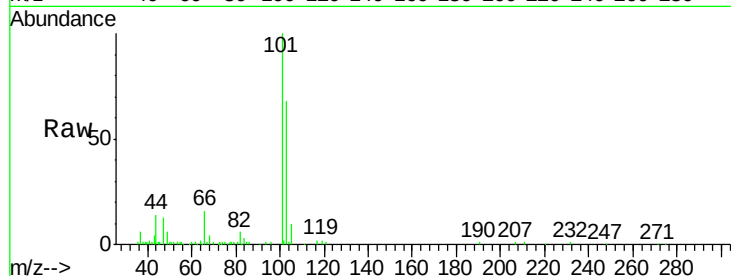
Trichlorofluoromethane
Concen: 49.30 ug/l m
RT: 1.49 min Scan# 97
Delta R.T. -0.05 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

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ClientSampleId :
CON-SB-05-0-2MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.7	48.6	72.8

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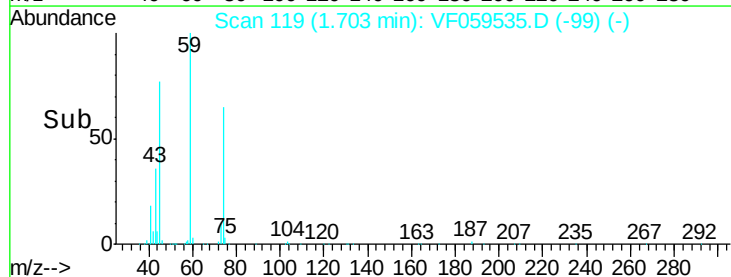
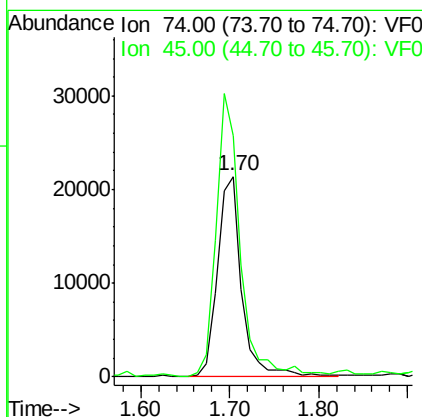
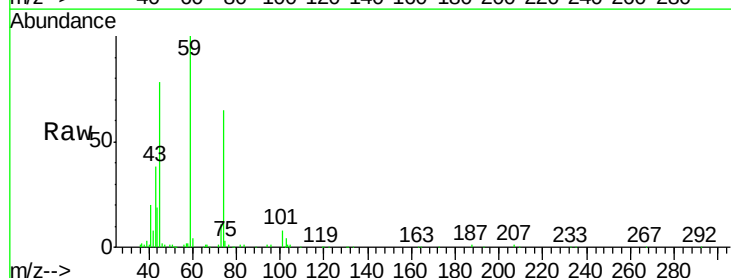
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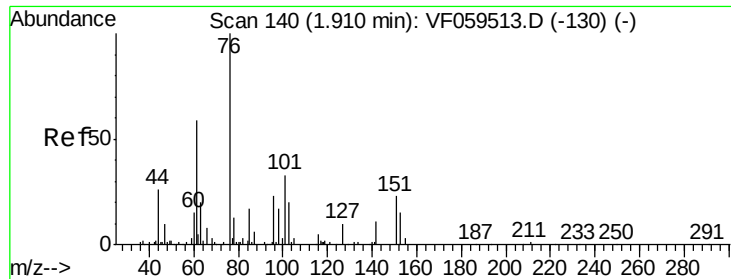


#8

Diethyl Ether
Concen: 57.39 ug/l
RT: 1.70 min Scan# 119
Delta R.T. -0.00 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	120.5	63.6	190.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 59.56 ug/l

RT: 1.89 min Scan# 138

Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

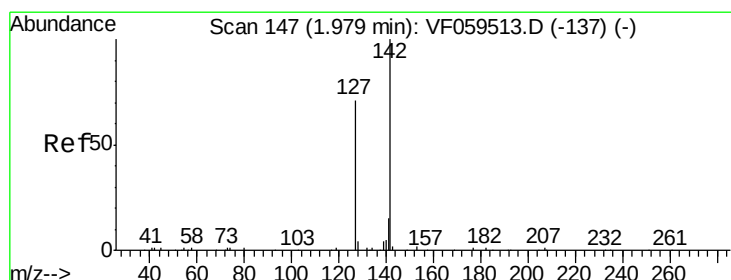
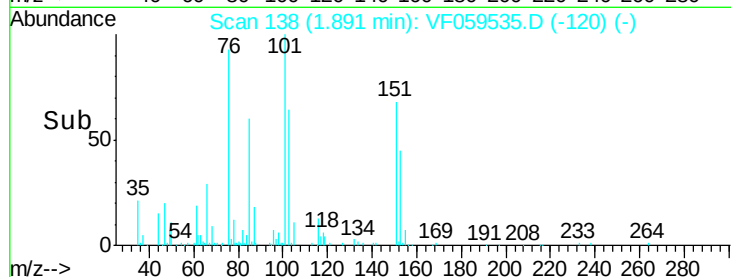
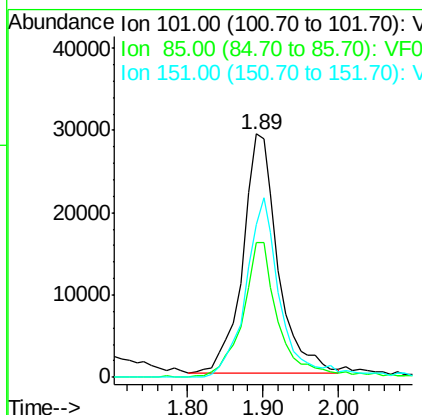
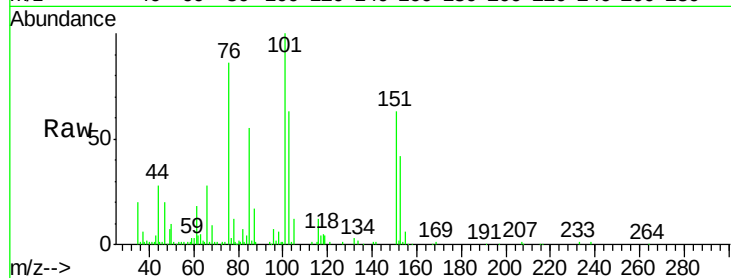
ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion:	101	Resp:	93382
Ion Ratio	Lower	Upper	
101	100		
85	55.4	39.8	59.6
151	62.7	54.2	81.2

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#10

Methyl Iodide

Concen: 63.38 ug/l

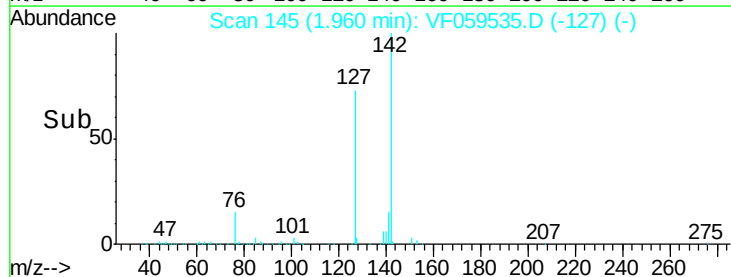
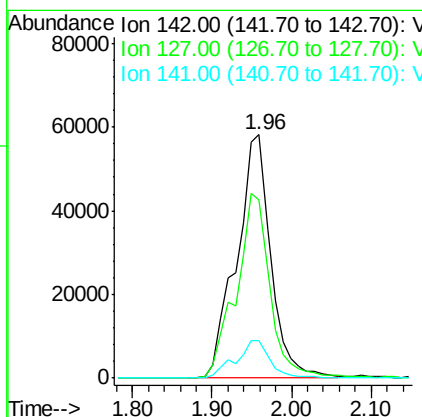
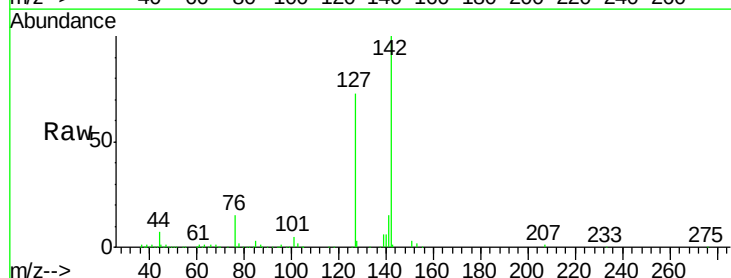
RT: 1.96 min Scan# 145

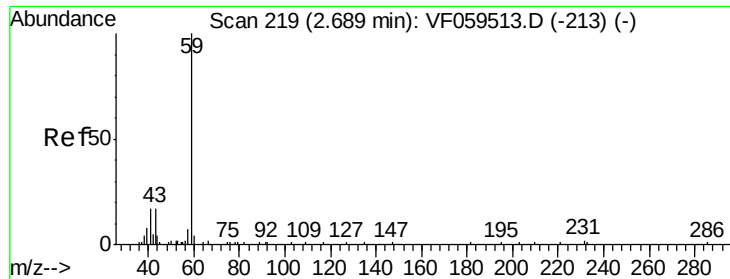
Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Tgt Ion:	142	Resp:	173958
Ion Ratio	Lower	Upper	
142	100		
127	73.4	56.4	84.6
141	15.2	12.0	18.0





#11

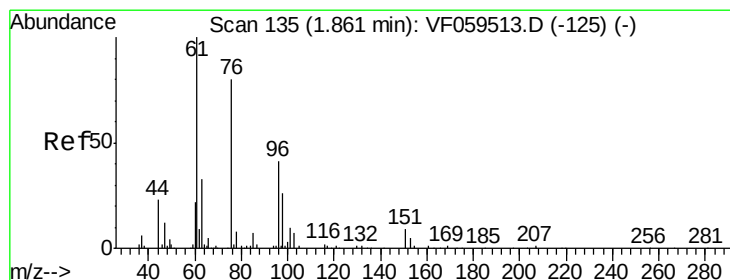
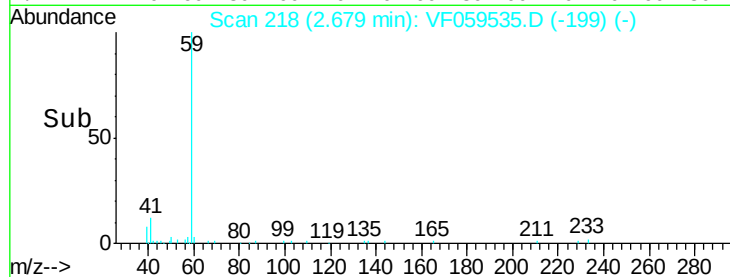
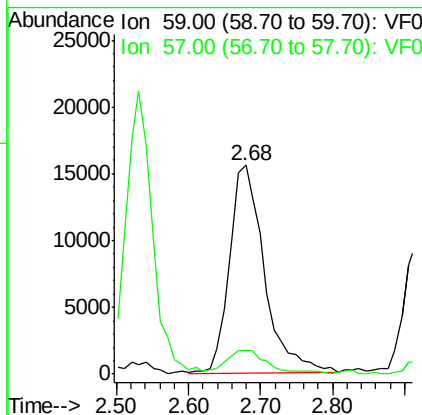
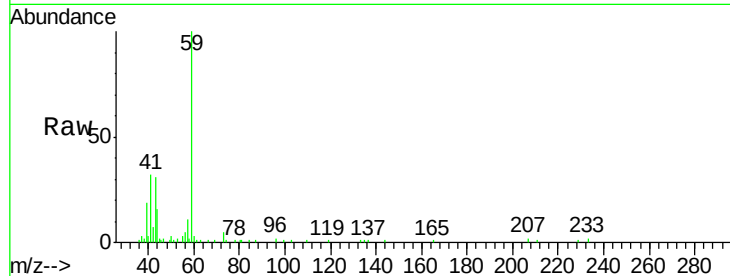
Tert butyl alcohol
Concen: 367.71 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.01 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Instrument :
MSVOA_F
ClientSampleId :
CON-SB-05-0-2MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	7.7	11.5

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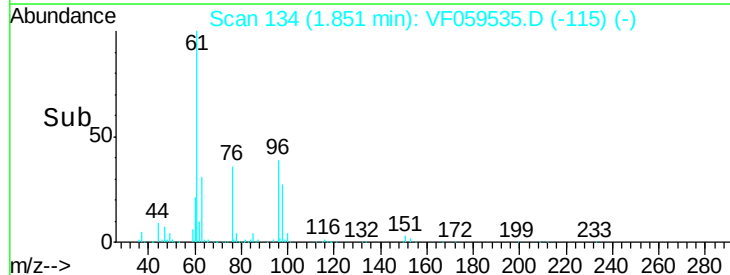
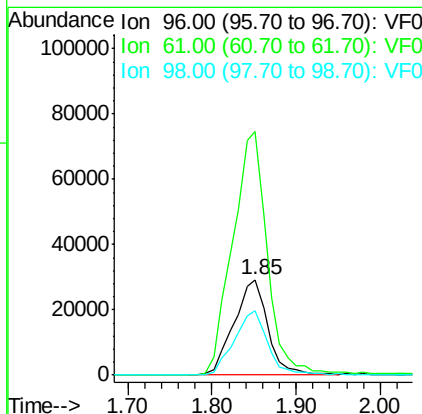
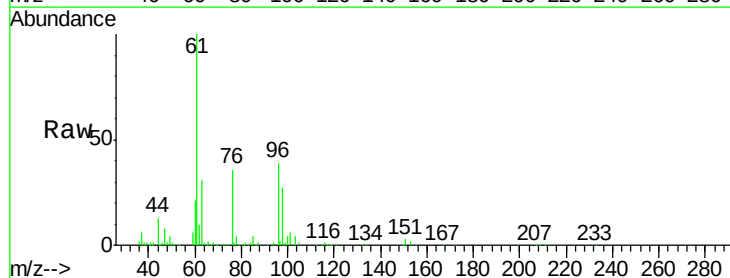
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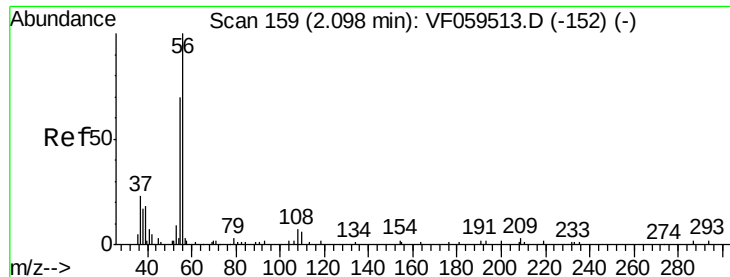


#12

1,1-Dichloroethene
Concen: 49.14 ug/l
RT: 1.85 min Scan# 134
Delta R.T. -0.01 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	254.4	194.3	291.5
98	67.4	50.3	75.5





#13

Acrolein

Concen: 138.88 ug/l

RT: 2.08 min Scan# 157

Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion: 56 Resp: 10009

Ion Ratio Lower Upper

56 100

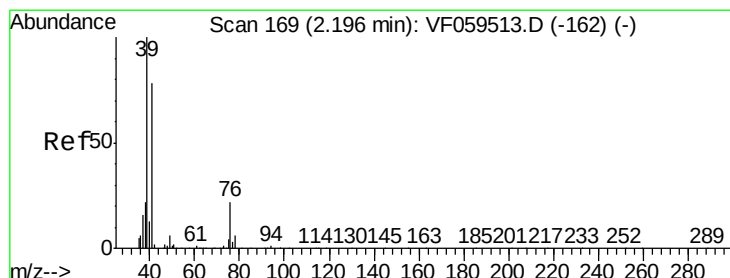
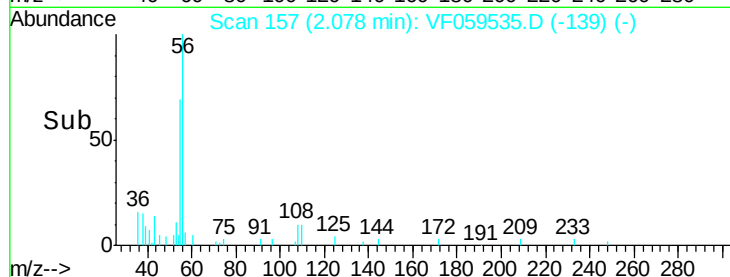
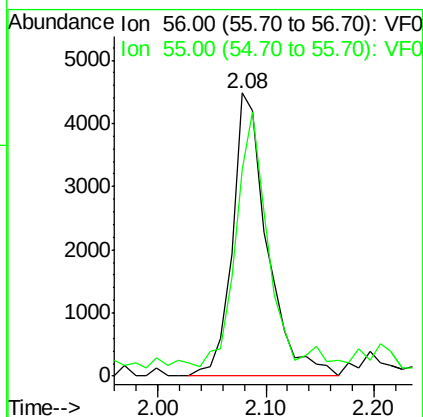
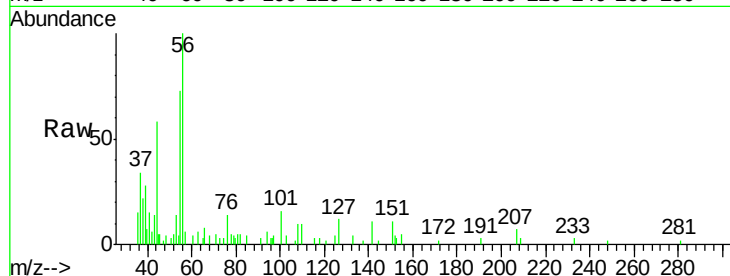
55 73.0 59.4 89.2

Manual Integrations

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#14

Allyl chloride

Concen: 72.41 ug/l

RT: 2.19 min Scan# 168

Delta R.T. -0.01 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

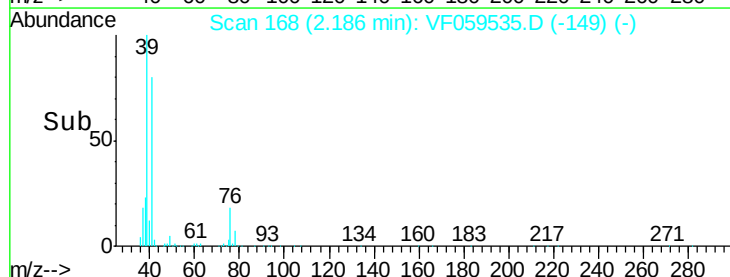
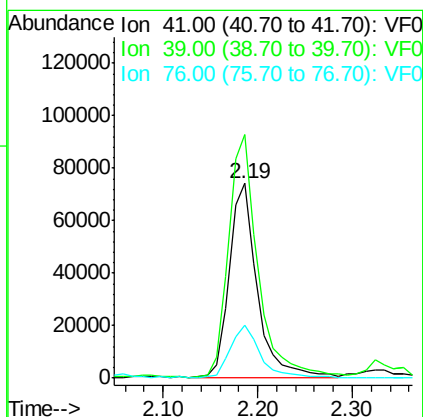
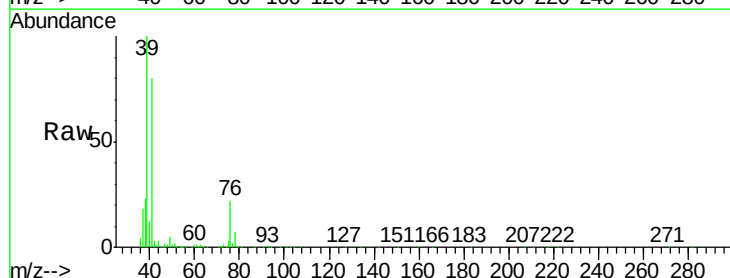
Tgt Ion: 41 Resp: 150670

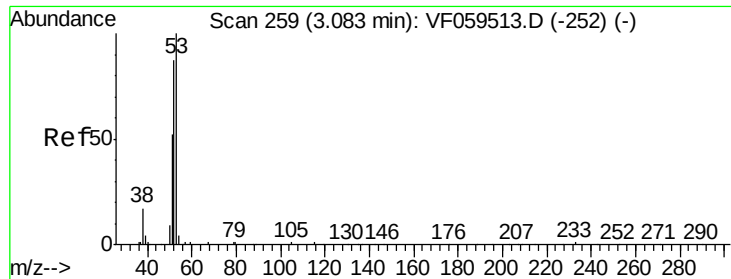
Ion Ratio Lower Upper

41 100

39 125.2 103.0 154.4

76 27.3 22.6 34.0





#15

Acrylonitrile

Concen: 316.49 ug/l

RT: 3.06 min Scan# 257

Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Tot Ion:	53	Resp:	92092
Ion Ratio	Lower	Upper	
53	100		
52	96.3	70.1	105.1
51	57.5	42.5	63.7

Instrument :

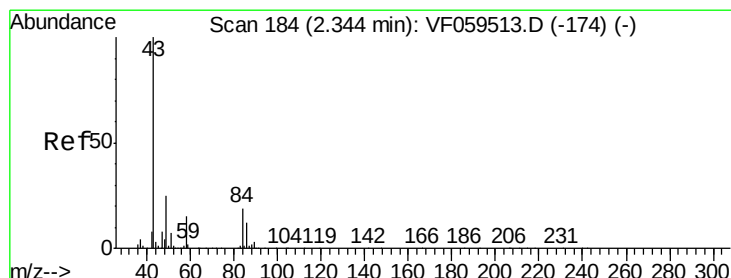
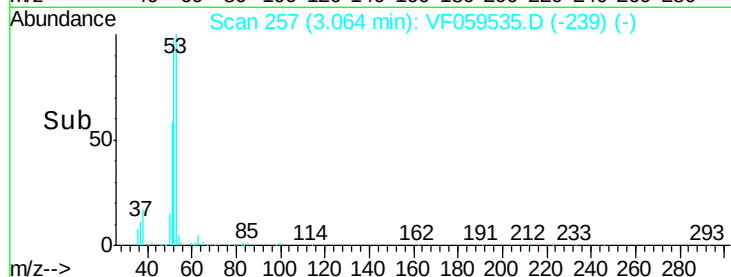
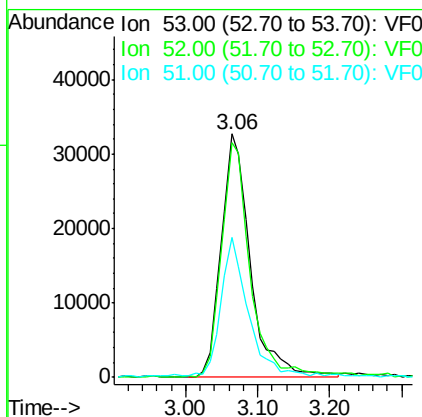
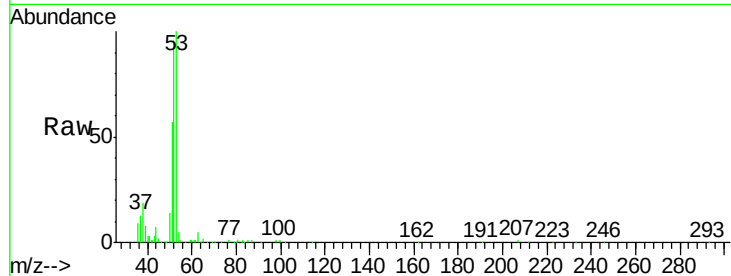
MSVOA_F

ClientSampleId :

CON-SB-05-0-2MSD

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#16

Acetone

Concen: 502.12 ug/l

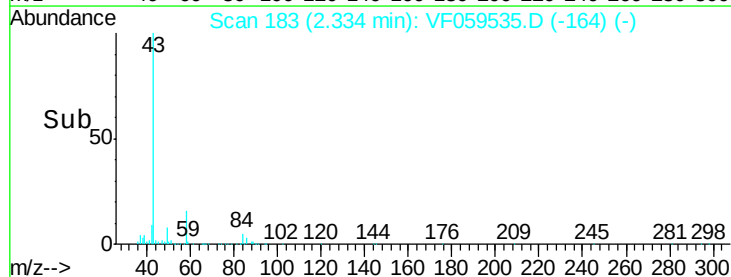
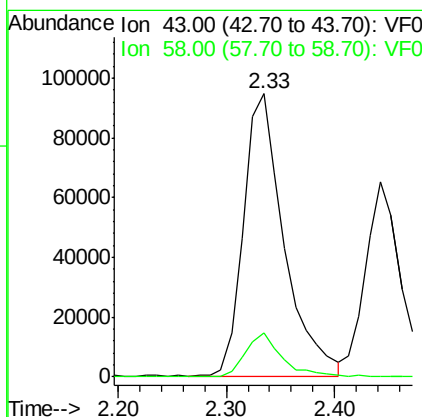
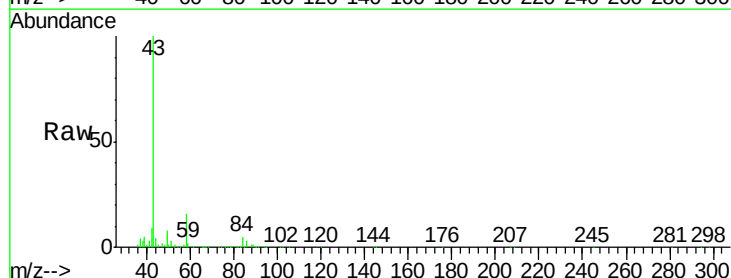
RT: 2.33 min Scan# 183

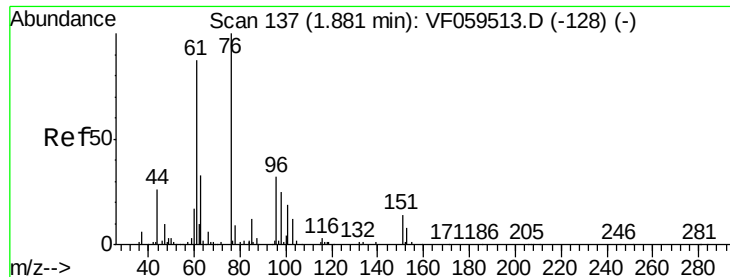
Delta R.T. -0.01 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Tgt Ion:	43	Resp:	245705
Ion Ratio	Lower	Upper	
43	100		
58	15.6	11.8	17.6





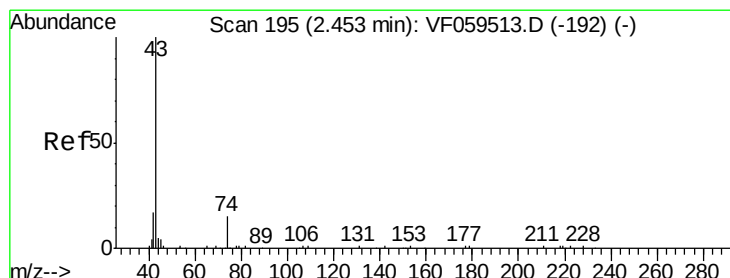
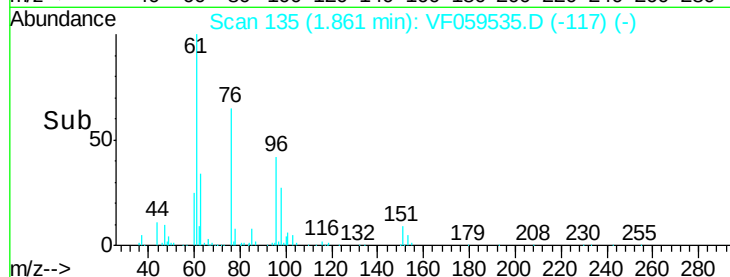
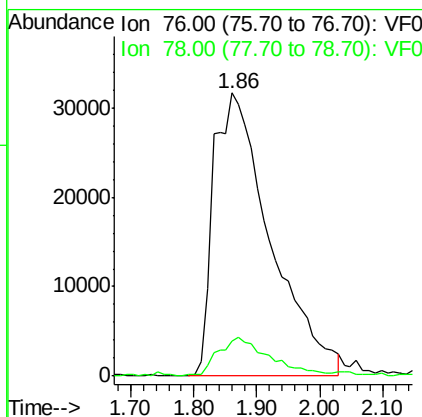
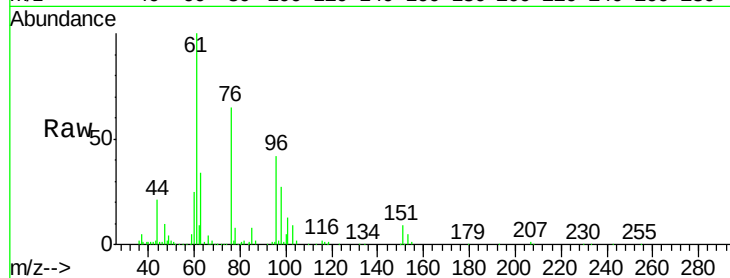
#17
Carbon Disulfide
Concen: 46.50 ug/l
RT: 1.86 min Scan# 135
Delta R.T. -0.02 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Instrument :
MSVOA_F
ClientSampleId :
CON-SB-05-0-2MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	12.3	7.8	11.6#

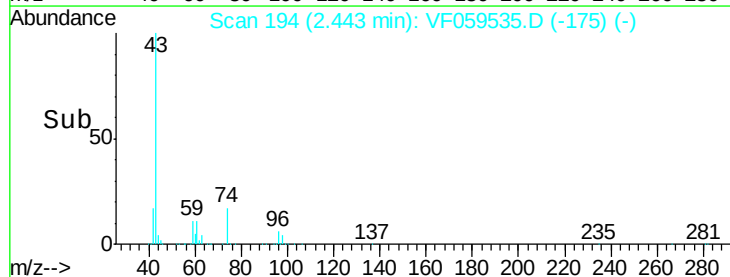
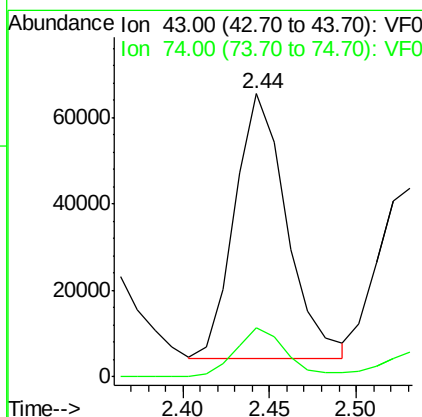
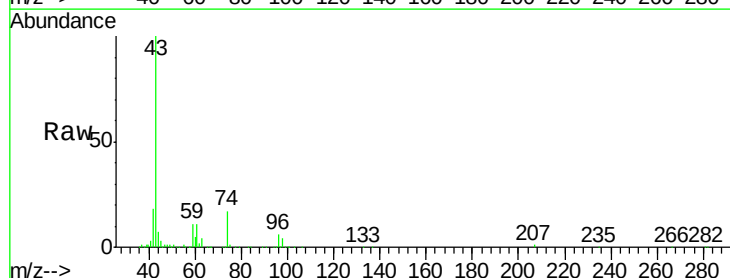
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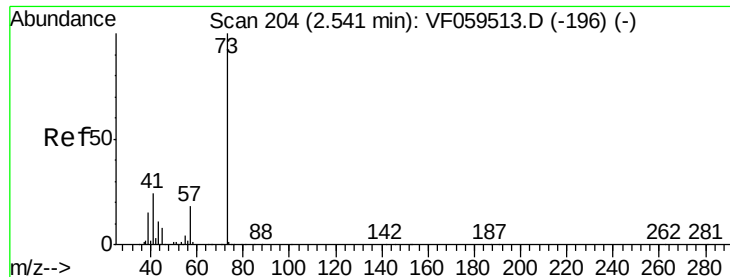
apatel
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#18
Methyl Acetate
Concen: 125.59 ug/l m
RT: 2.44 min Scan# 194
Delta R.T. -0.01 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	17.2	10.6	15.8#





#19

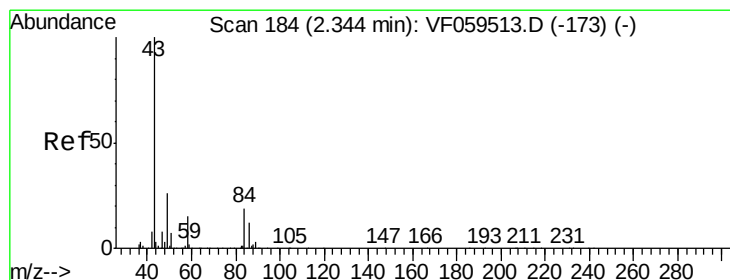
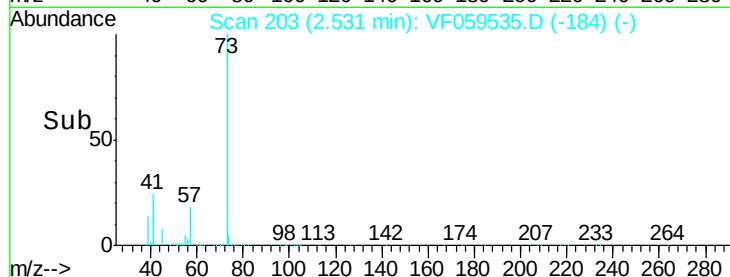
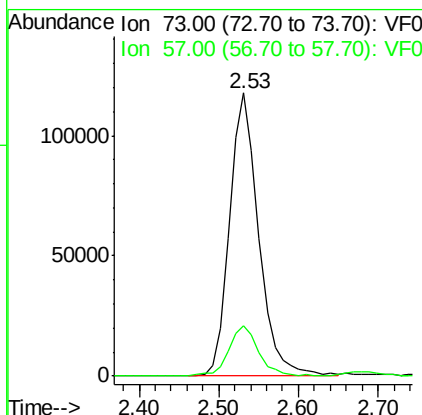
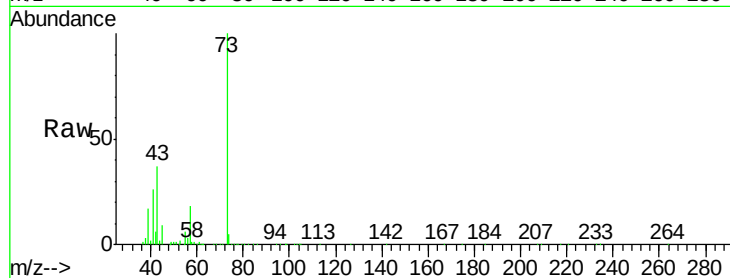
Methyl tert-butyl Ether
 Concen: 57.08 ug/l
 RT: 2.53 min Scan# 203
 Delta R.T. -0.01 min
 Lab File: VF059535.D
 Acq: 19 Jul 2018 1:50

Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-05-0-2MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	18.0	14.3	21.5

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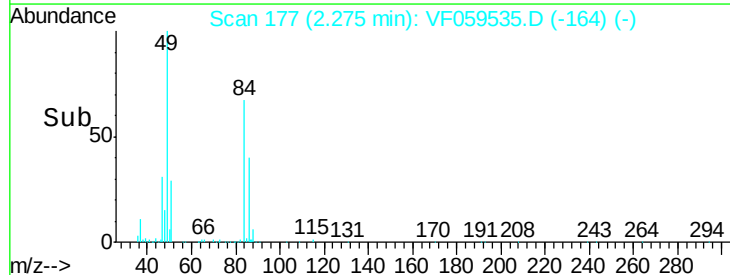
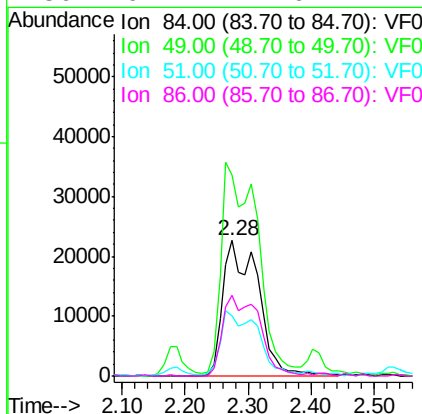
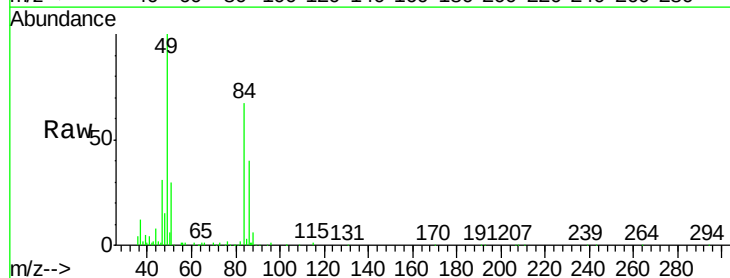
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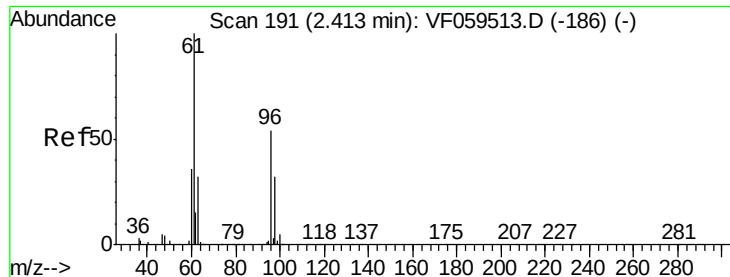


#20

Methylene Chloride
 Concen: 56.59 ug/l
 RT: 2.28 min Scan# 177
 Delta R.T. -0.07 min
 Lab File: VF059535.D
 Acq: 19 Jul 2018 1:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	148.4	109.4	164.2
51	44.1	30.5	45.7
86	61.2	47.6	71.4





#21

trans-1,2-Dichloroethene

Concen: 53.26 ug/l

RT: 2.40 min Scan# 190

Delta R.T. -0.01 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

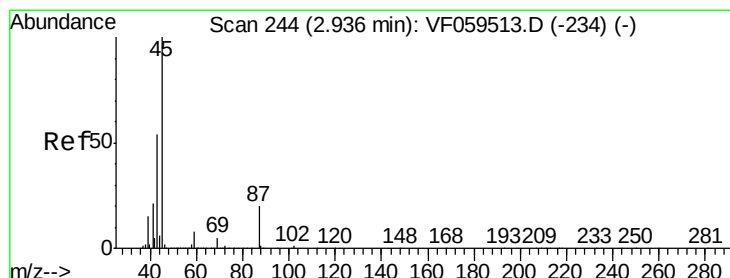
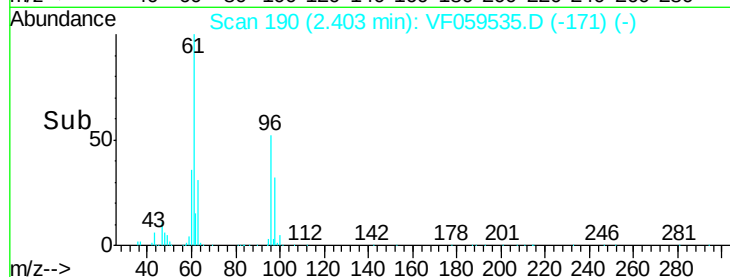
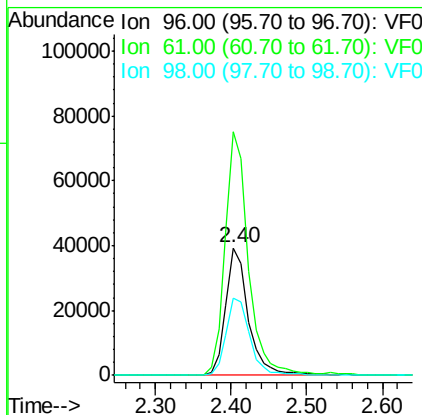
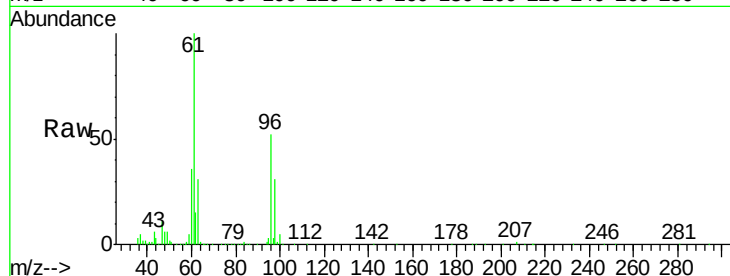
ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion:	96	Resp:	82108
Ion	Ratio	Lower	Upper
96	100		
61	191.2	149.8	224.8
98	60.2	47.8	71.8

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#22

Diisopropyl ether

Concen: 52.82 ug/l

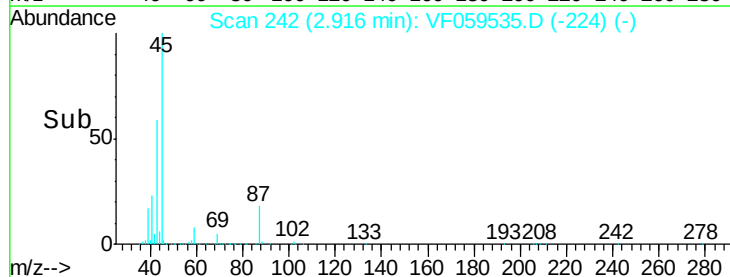
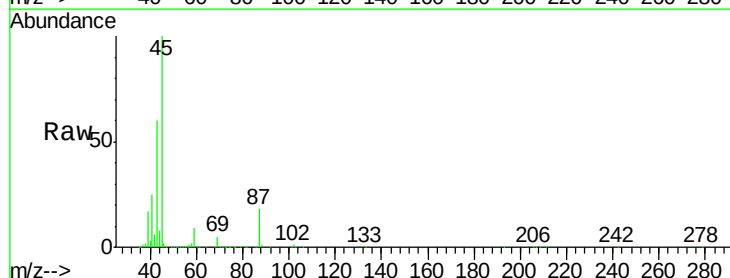
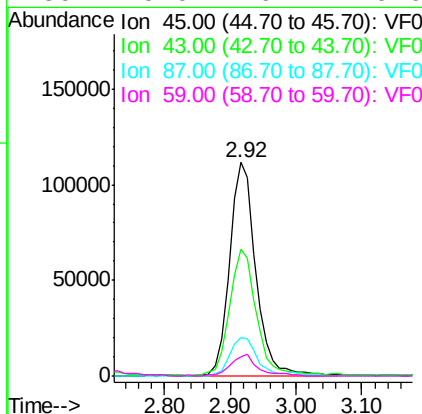
RT: 2.92 min Scan# 242

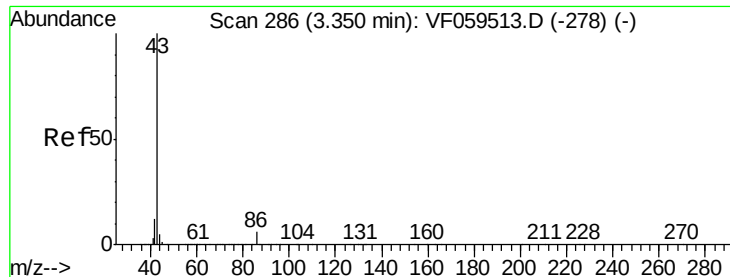
Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Tgt Ion:	45	Resp:	308902
Ion	Ratio	Lower	Upper
45	100		
43	59.5	43.6	65.4
87	18.2	15.6	23.4
59	9.0	6.4	9.6





#23

Vinyl Acetate

Concen: 117.02 ug/l

RT: 3.32 min Scan# 283

Delta R.T. -0.03 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion: 43 Resp: 399876

Ion Ratio Lower Upper

43 100

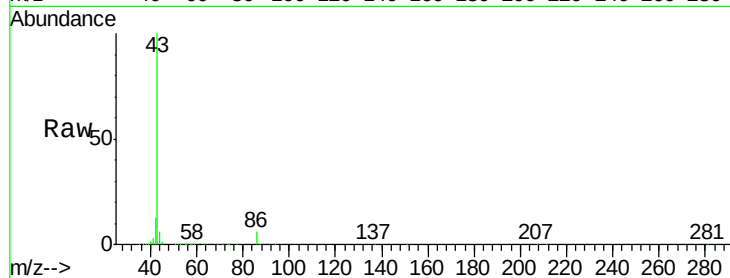
86 6.3 4.4 6.6

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

3.32

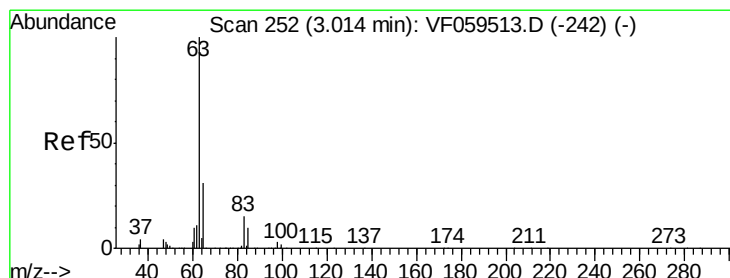
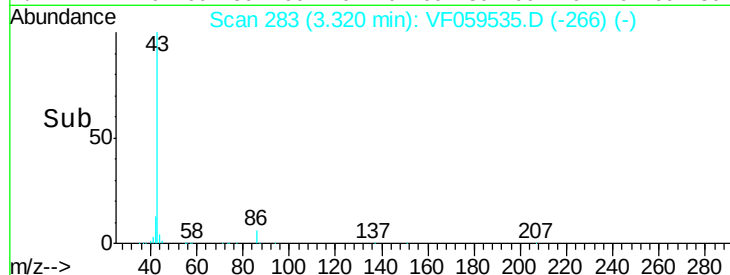
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 55.41 ug/l

RT: 2.99 min Scan# 250

Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

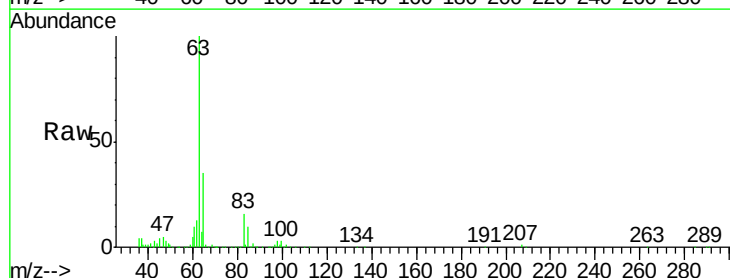
Tgt Ion: 63 Resp: 200101

Ion Ratio Lower Upper

63 100

98 3.3 1.8 5.4

100 2.6 1.3 3.8



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

2.99

100000

80000

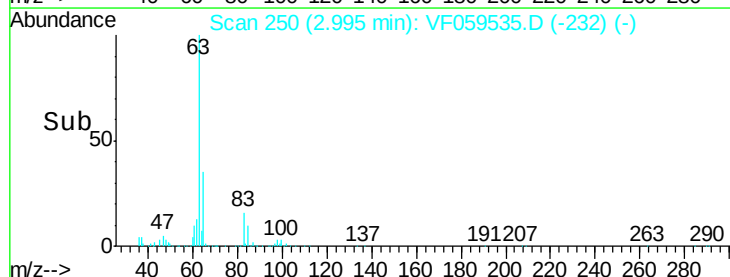
60000

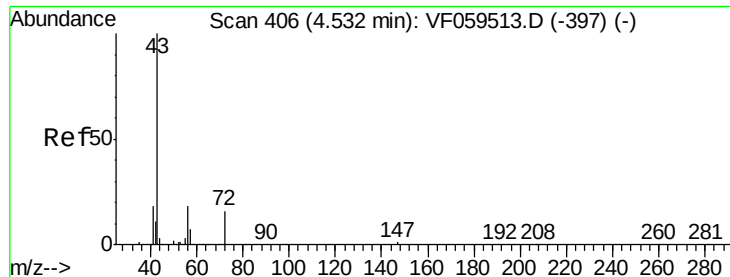
40000

20000

0

Time-->





#25

2-Butanone

Concen: 304.03 ug/l

RT: 4.50 min Scan# 403

Delta R.T. -0.03 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion: 43 Resp: 244812

Ion Ratio Lower Upper

43 100

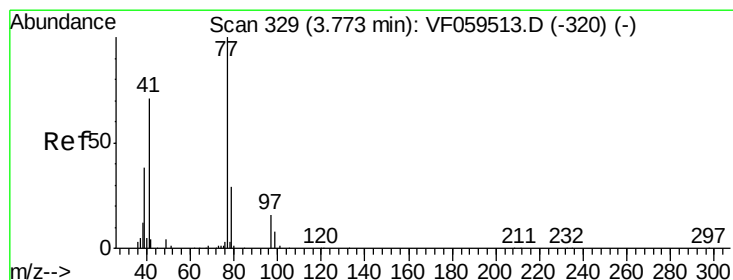
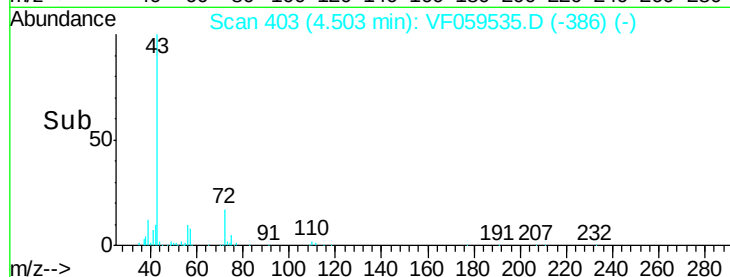
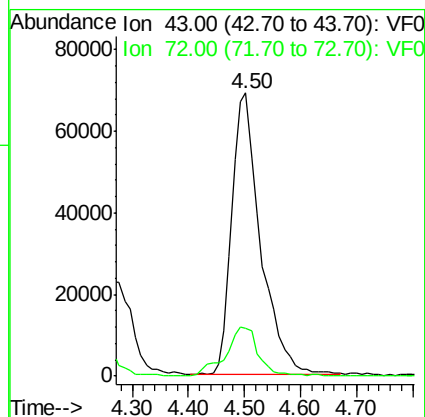
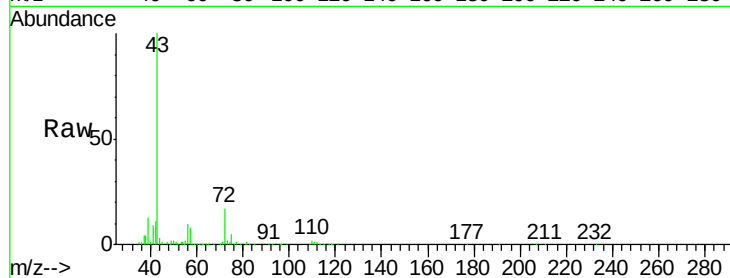
72 16.9 14.2 21.4

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#26

2,2-Dichloropropane

Concen: 54.80 ug/l

RT: 3.74 min Scan# 326

Delta R.T. -0.03 min

Lab File: VF059535.D

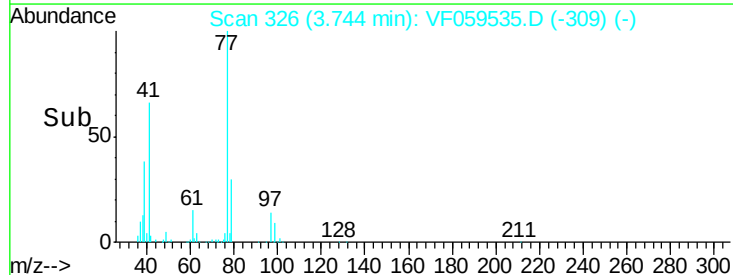
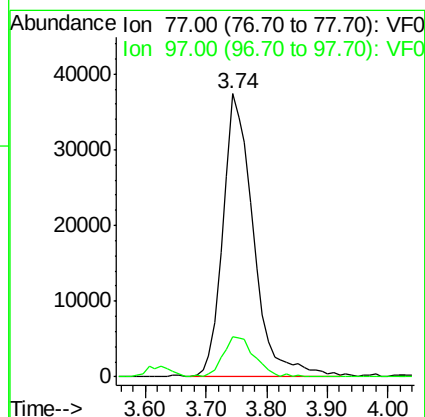
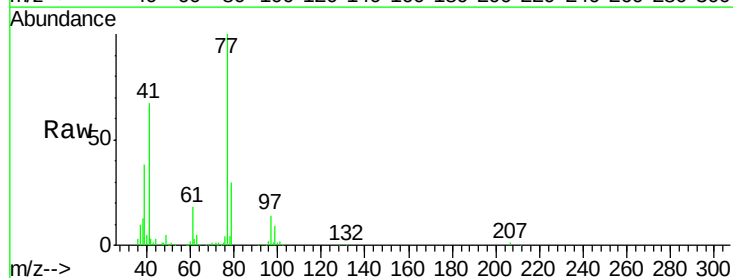
Acq: 19 Jul 2018 1:50

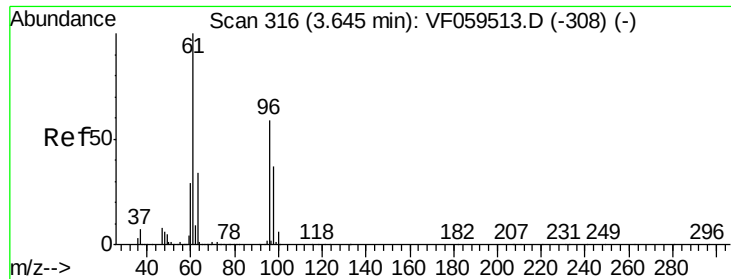
Tgt Ion: 77 Resp: 130922

Ion Ratio Lower Upper

77 100

97 14.2 8.1 24.3





#27

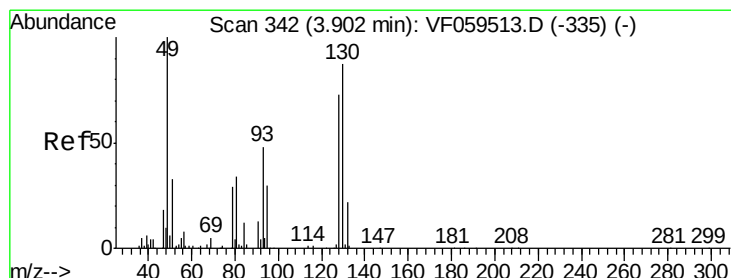
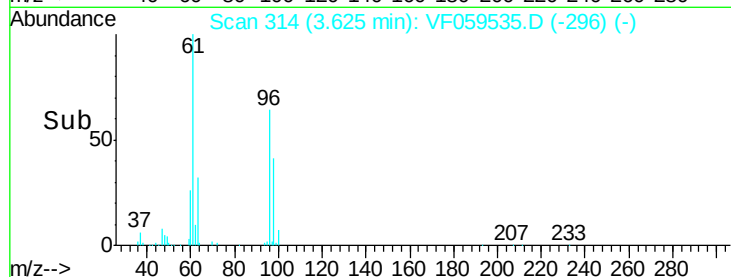
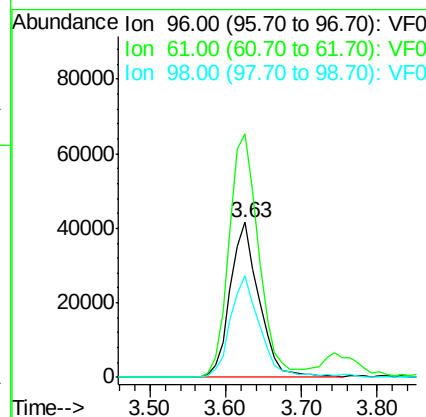
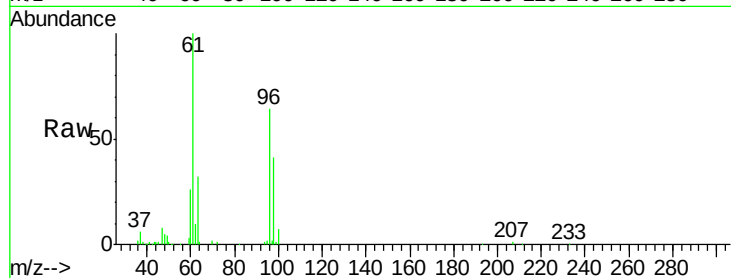
cis-1,2-Dichloroethene
Concen: 61.32 ug/l
RT: 3.63 min Scan# 314
Delta R.T. -0.02 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Instrument :
MSVOA_F
ClientSampleId :
CON-SB-05-0-2MSD

Tot Ion	Ratio	Resp Lower	Upper
96	100		
61	156.9	0.0	339.0
98	66.1	0.0	125.4

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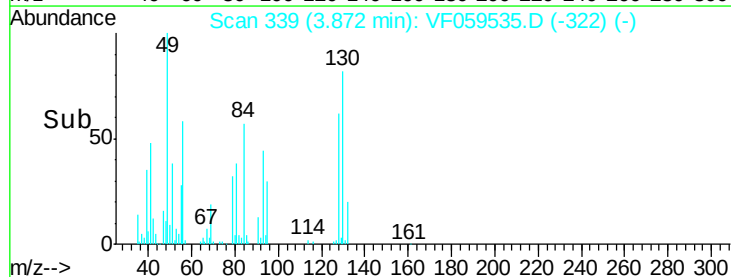
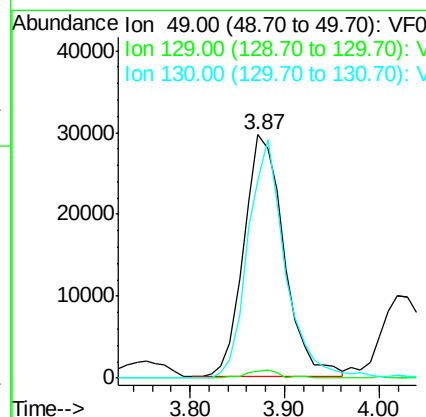
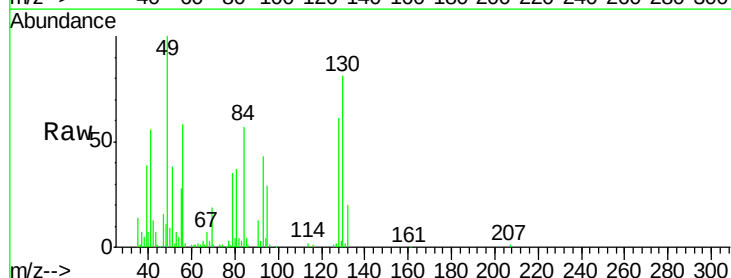
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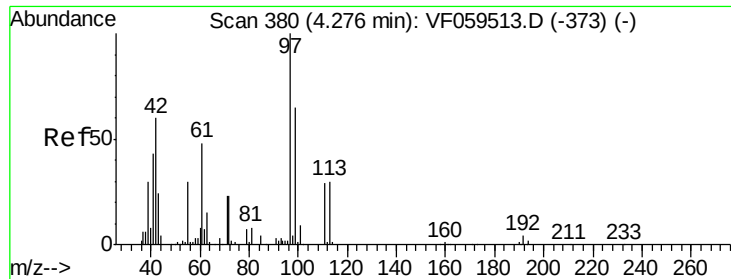


#28

Bromochloromethane
Concen: 55.29 ug/l
RT: 3.87 min Scan# 339
Delta R.T. -0.03 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	2.8	0.0	0.0#
130	81.0	69.8	104.6





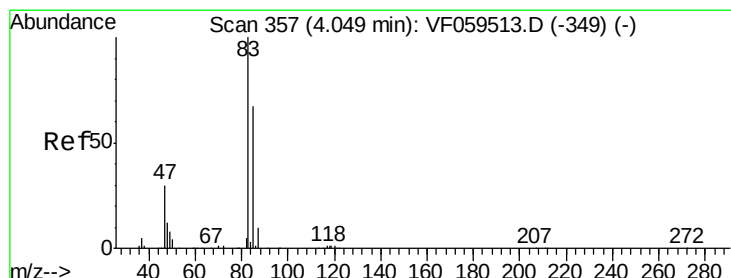
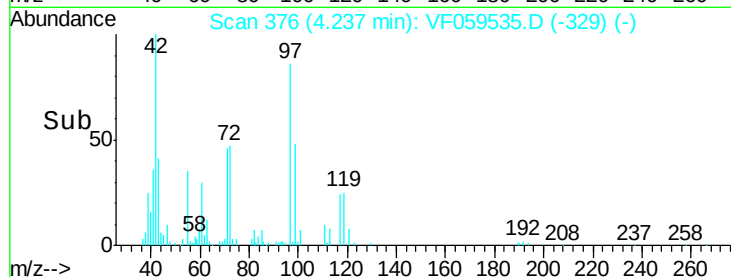
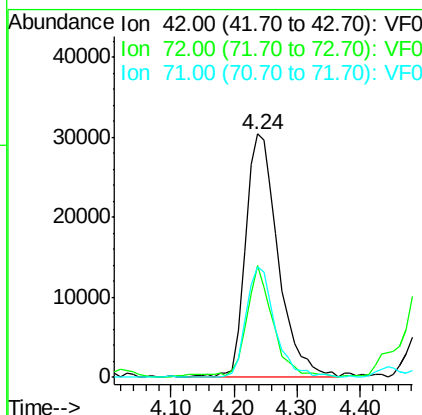
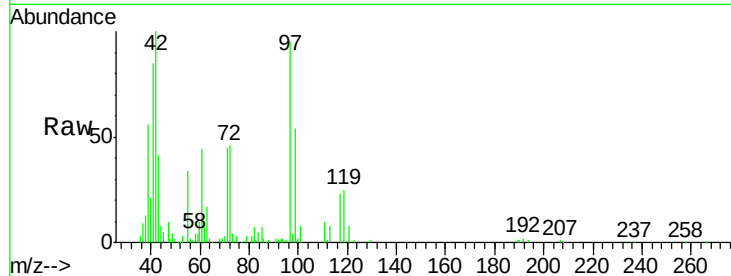
#29
Tetrahydrofuran
Concen: 340.37 ug/l
RT: 4.24 min Scan# 376
Delta R.T. -0.04 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Instrument :
MSVOA_F
ClientSampleId :
CON-SB-05-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
72	36.9	28.7	43.1	
71	40.5	30.8	46.2	

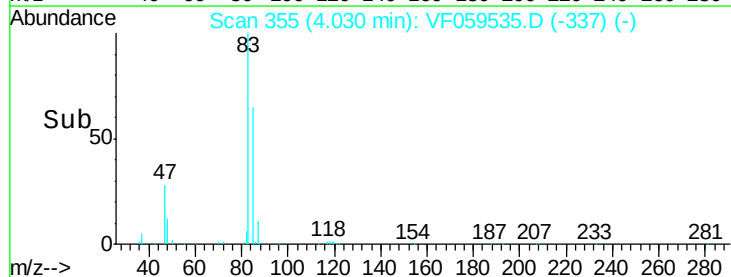
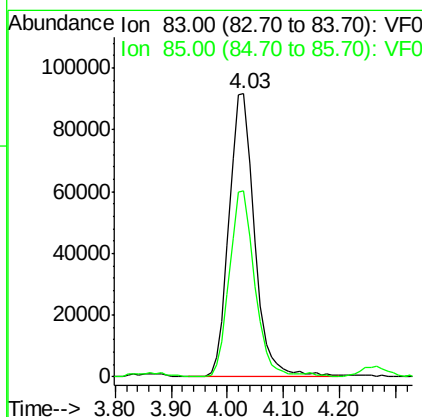
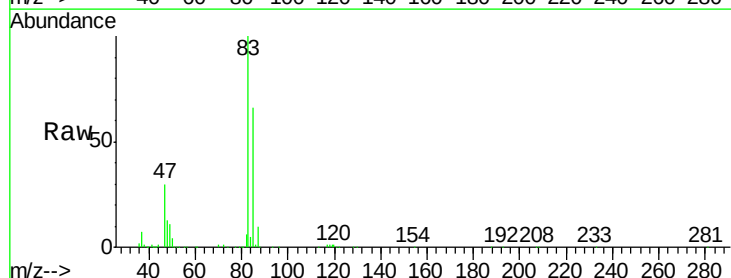
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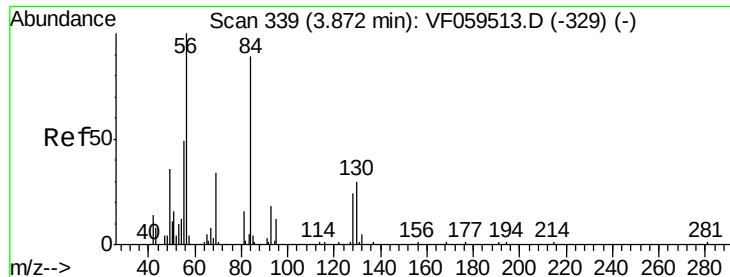
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#30
Chloroform
Concen: 55.97 ug/l
RT: 4.03 min Scan# 355
Delta R.T. -0.02 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	65.5	53.2	79.8	





#31

Cyclohexane

Concen: 51.73 ug/l

RT: 3.85 min Scan# 337

Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

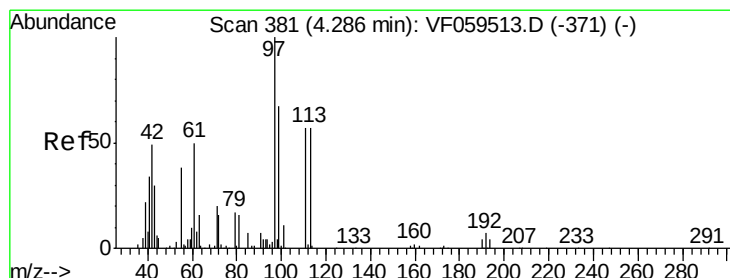
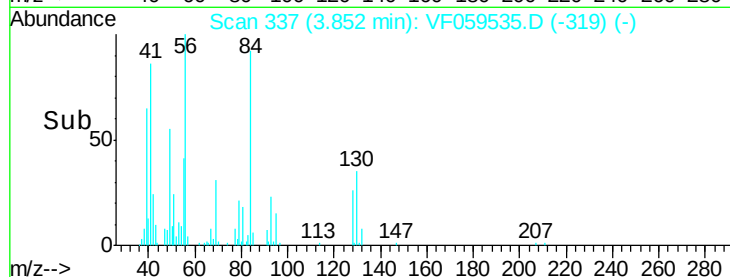
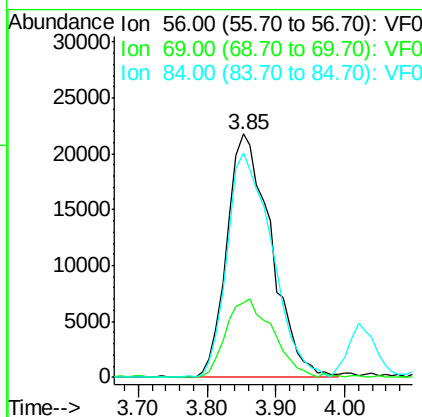
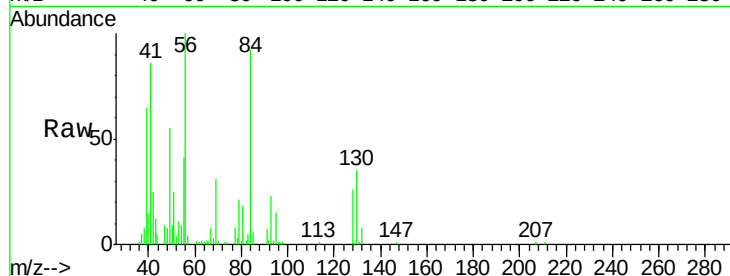
ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion:	56	Resp:	96768
Ion Ratio	Lower	Upper	
56	100		
69	30.8	27.6	41.4
84	92.0	71.4	107.2

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#32

1,1,1-Trichloroethane

Concen: 68.28 ug/l

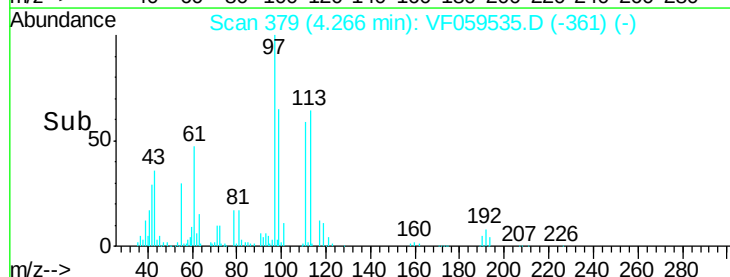
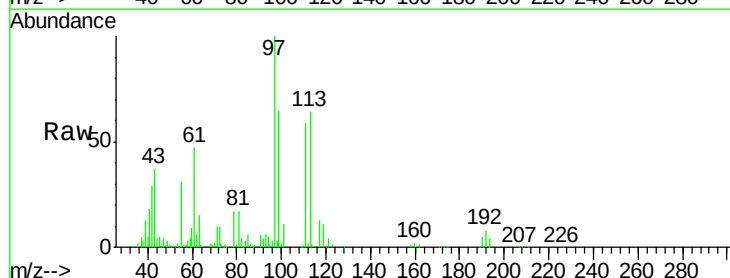
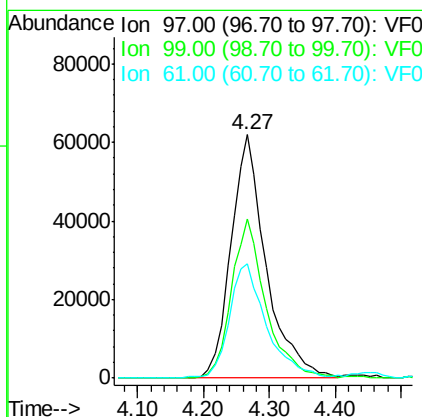
RT: 4.27 min Scan# 379

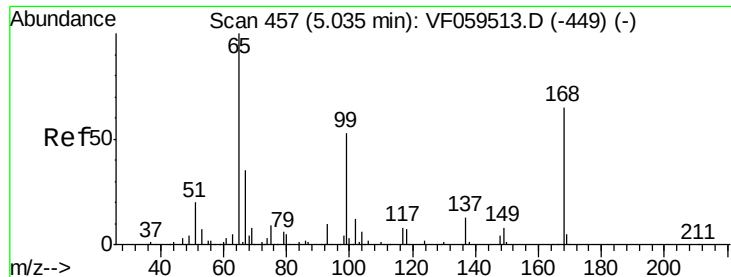
Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Tgt Ion:	97	Resp:	231475
Ion Ratio	Lower	Upper	
97	100		
99	65.1	53.5	80.3
61	46.8	39.7	59.5





#33

1,2-Dichloroethane-d4

Concen: 59.74 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion: 65 Resp: 207200

Ion Ratio Lower Upper

65 100

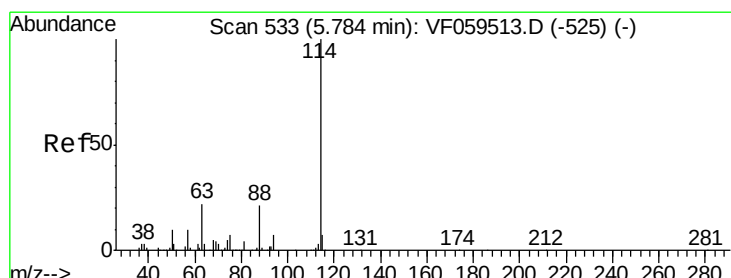
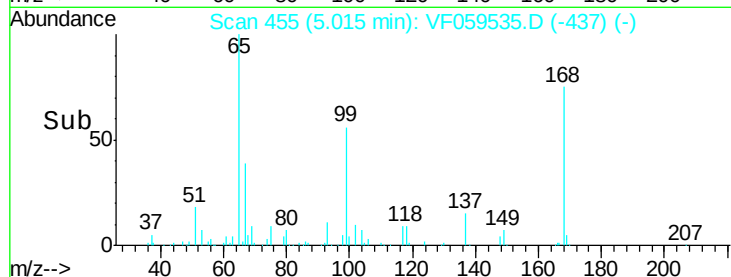
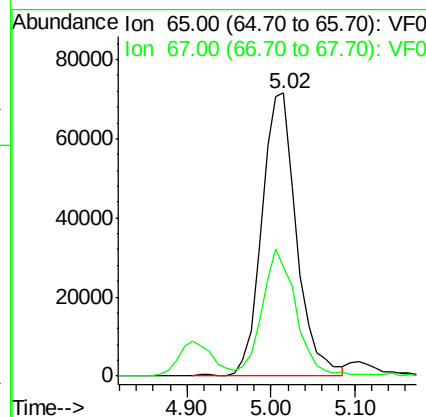
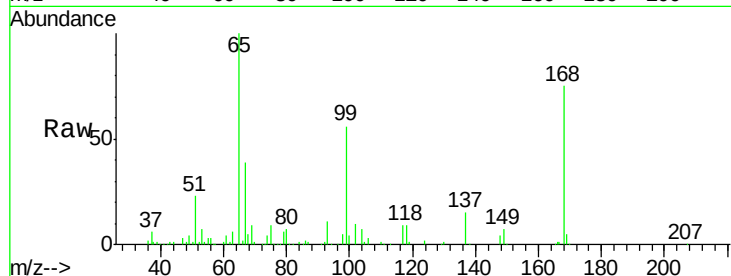
67 38.6 0.0 91.2

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.03 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

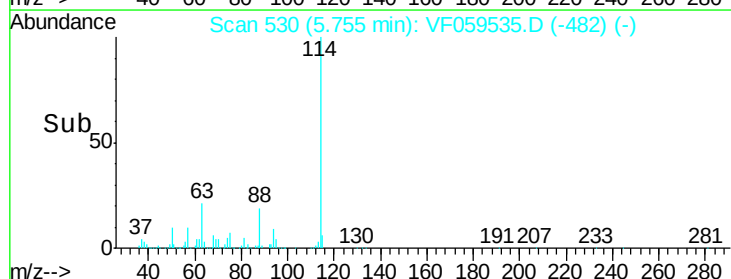
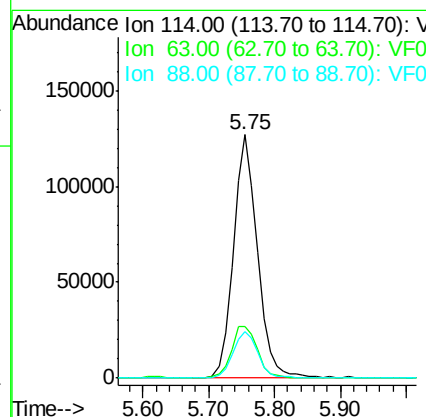
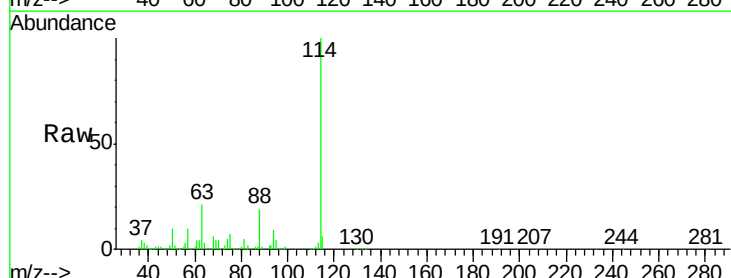
Tgt Ion: 114 Resp: 324521

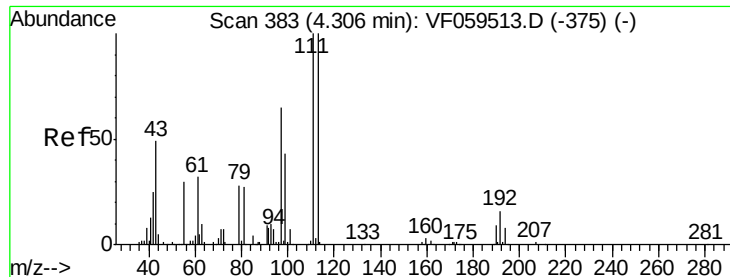
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.8

88 18.9 0.0 42.6





#35

Dibromofluoromethane

Concen: 56.08 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

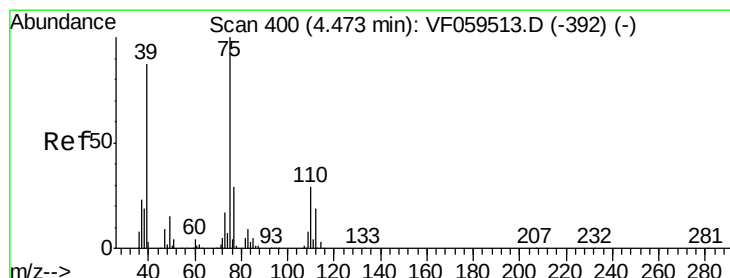
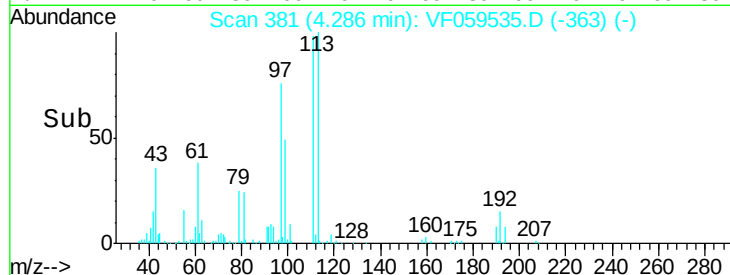
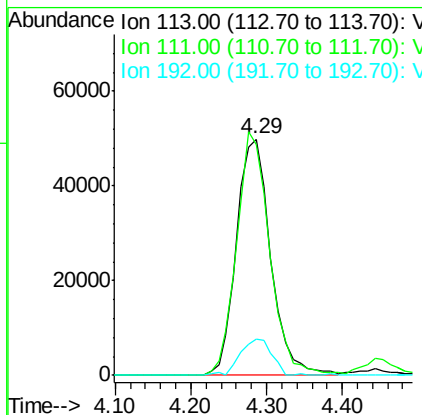
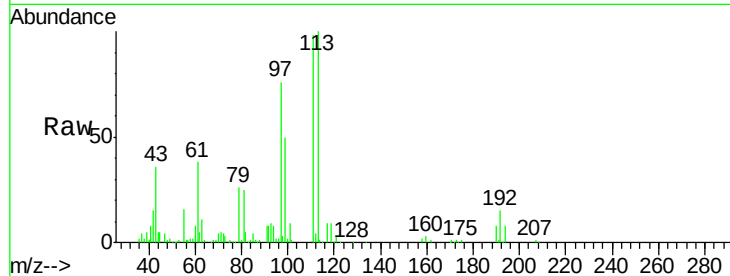
ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion:	113	Resp:	157606
Ion Ratio	Lower	Upper	
113	100		
111	96.3	80.3	120.5
192	15.3	13.1	19.7

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#36

1,1-Dichloropropene

Concen: 50.77 ug/l

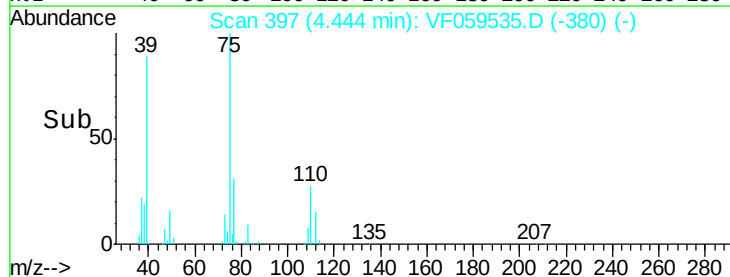
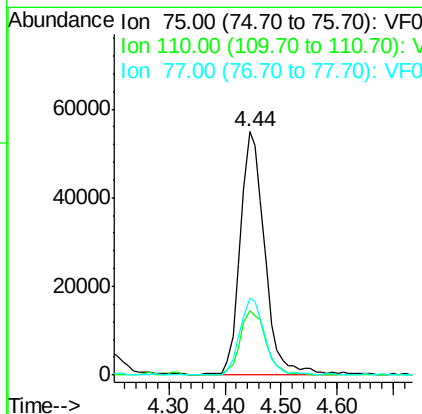
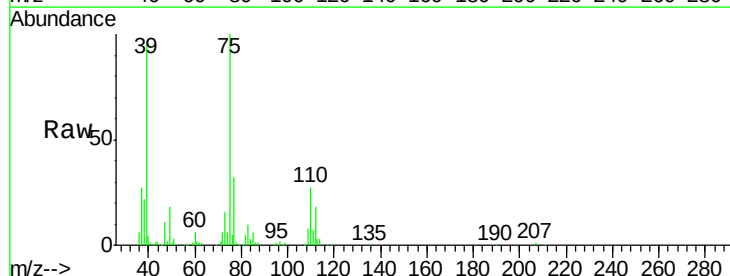
RT: 4.44 min Scan# 397

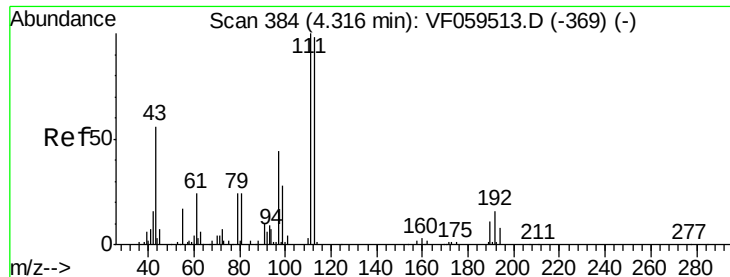
Delta R.T. -0.03 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Tgt Ion:	75	Resp:	164917
Ion Ratio	Lower	Upper	
75	100		
110	26.6	14.6	43.8
77	31.7	23.7	35.5





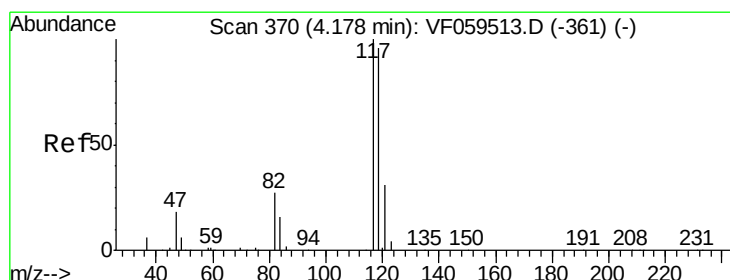
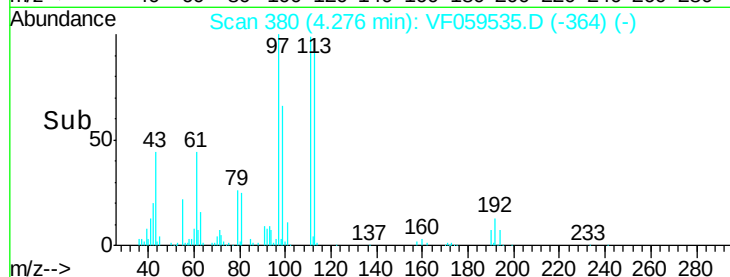
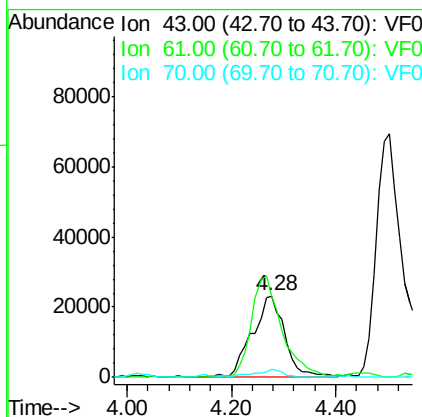
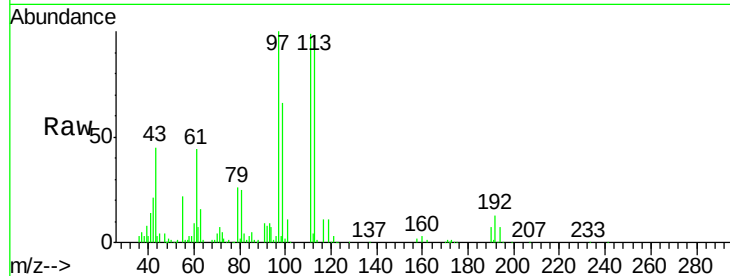
#37
Ethyl Acetate
Concen: 55.45 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.04 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Instrument :
MSVOA_F
ClientSampleId :
CON-SB-05-0-2MSD

Tot Ion	43	Resp	95917
Ion Ratio	100	Lower	Upper
43	100		
61	99.4	33.7	50.5#
70	9.2	7.4	11.0

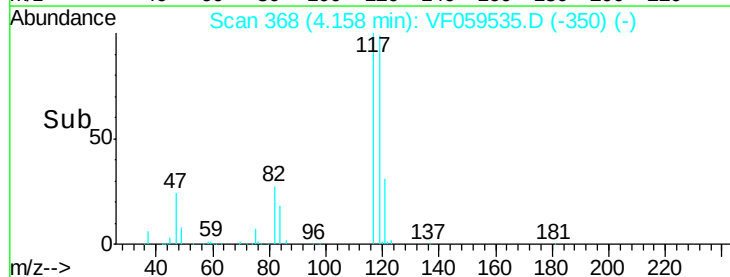
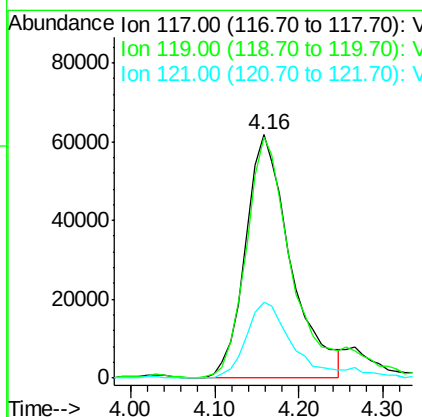
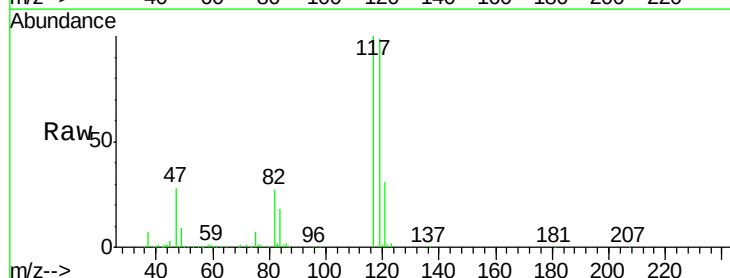
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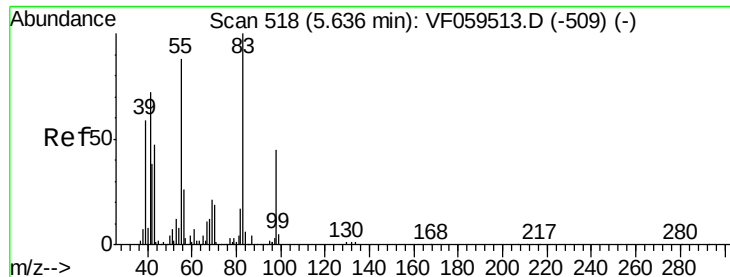
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#38
Carbon Tetrachloride
Concen: 62.18 ug/l
RT: 4.16 min Scan# 368
Delta R.T. -0.02 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Tgt Ion	117	Resp	231446
Ion Ratio	100	Lower	Upper
117	100		
119	99.1	77.6	116.4
121	31.2	24.9	37.3





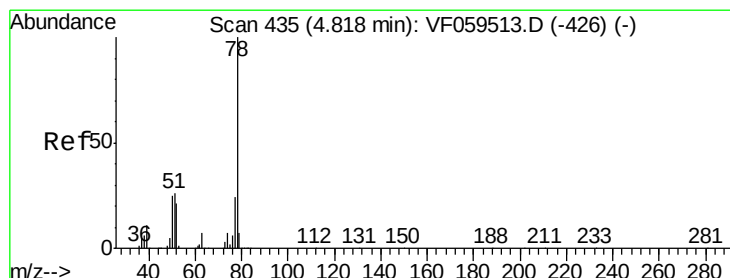
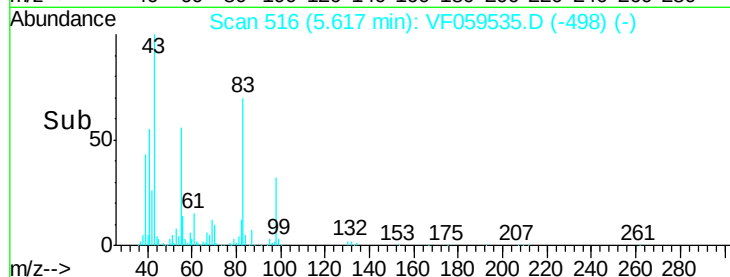
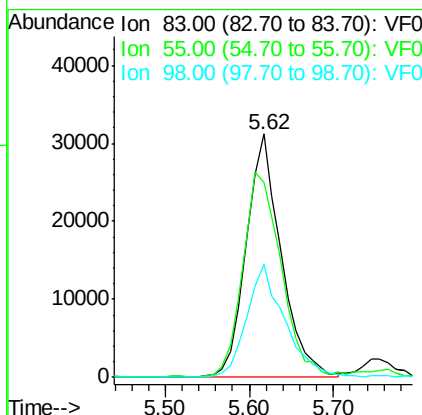
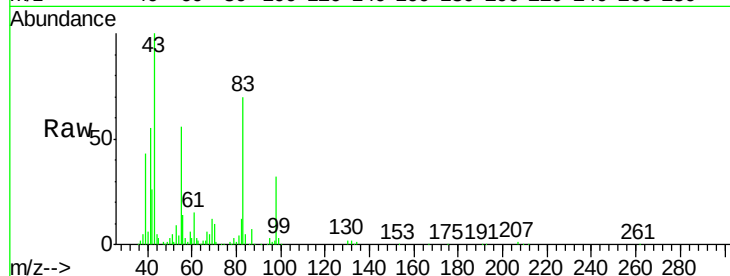
#39
Methylvlcyclohexane
Concen: 36.80 ug/l
RT: 5.62 min Scan# 516
Delta R.T. -0.02 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Instrument :
MSVOA_F
ClientSampleId :
CON-SB-05-0-2MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.0	70.2	105.4
98	46.3	36.2	54.2

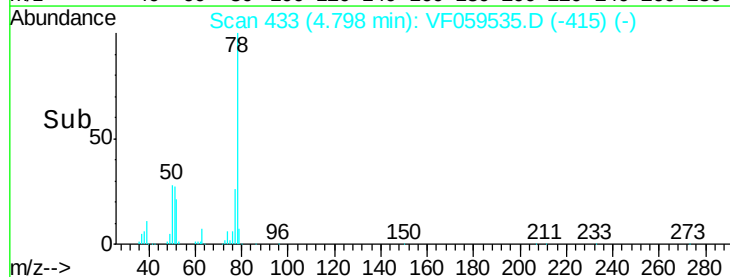
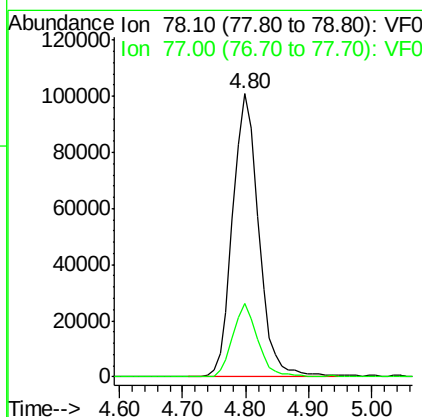
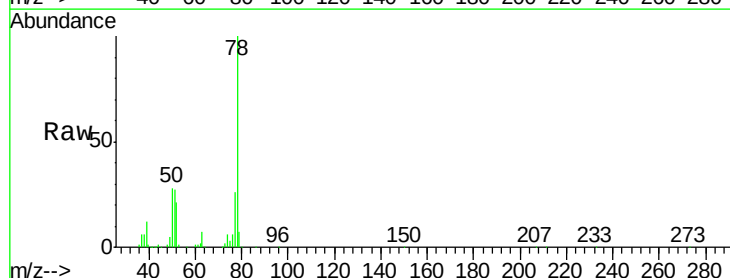
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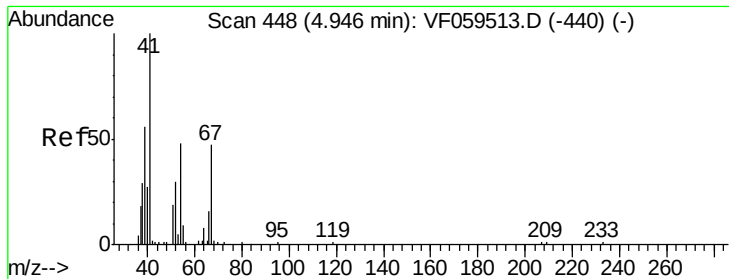
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#40
Benzene
Concen: 45.92 ug/l
RT: 4.80 min Scan# 433
Delta R.T. -0.02 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.1	19.4	29.0





#41

Methacrylonitrile

Concen: 57.08 ug/l

RT: 4.91 min Scan# 444

Delta R.T. -0.04 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

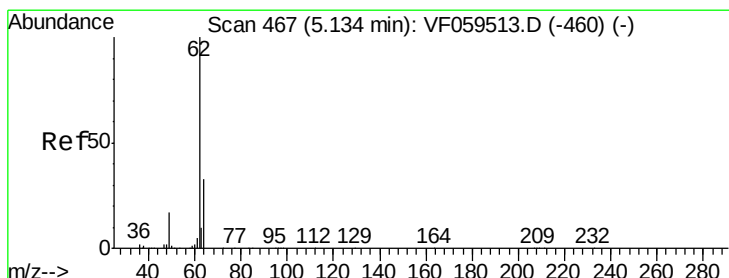
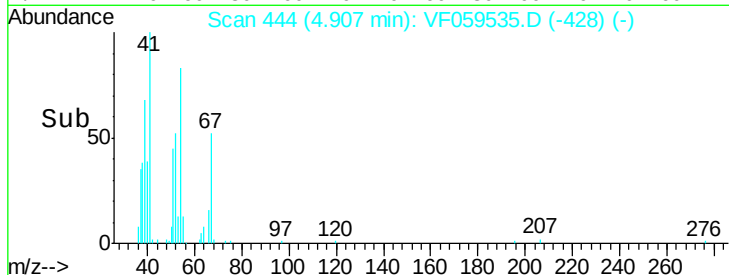
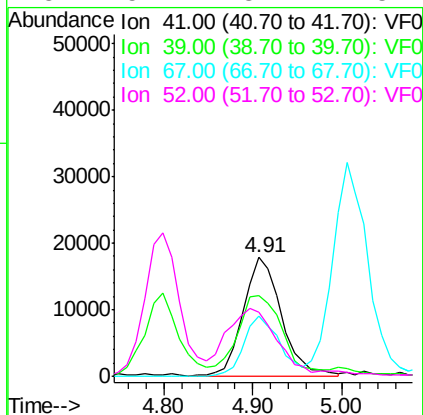
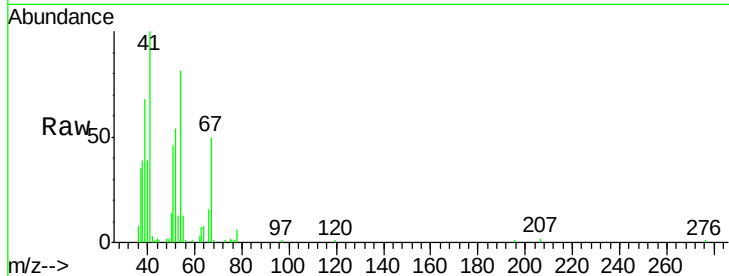
ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	67.8	49.4	74.0
67	50.4	37.4	56.2
52	54.2	32.1	48.1#

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#42

1,2-Dichloroethane

Concen: 59.95 ug/l

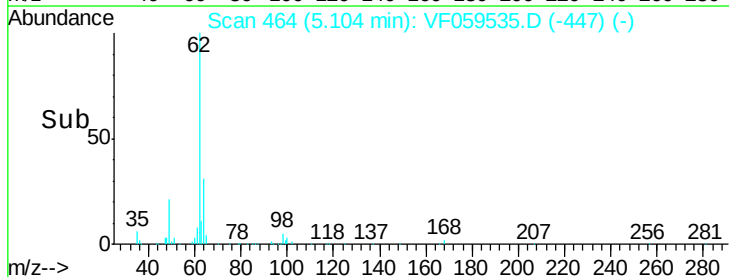
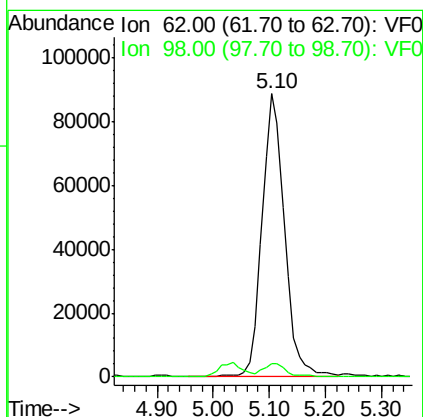
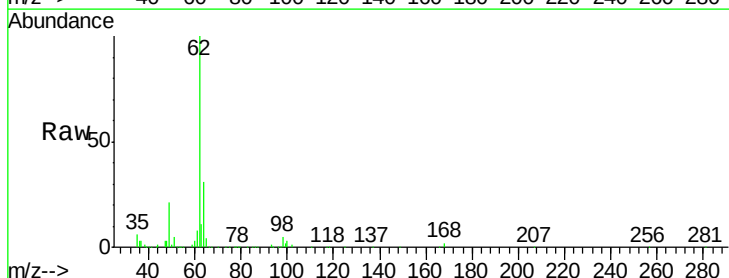
RT: 5.10 min Scan# 464

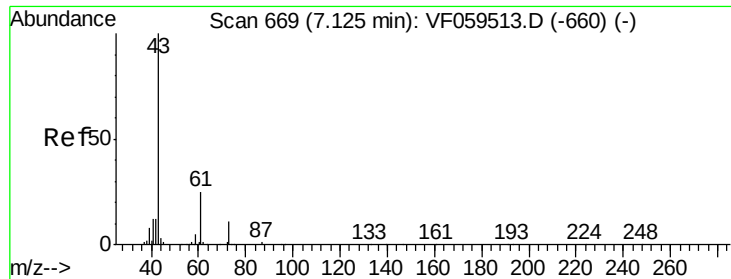
Delta R.T. -0.03 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.6	0.0	9.6





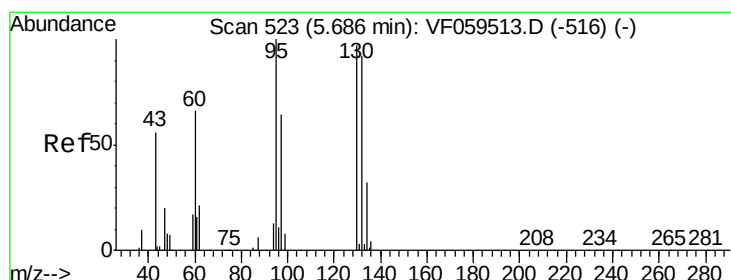
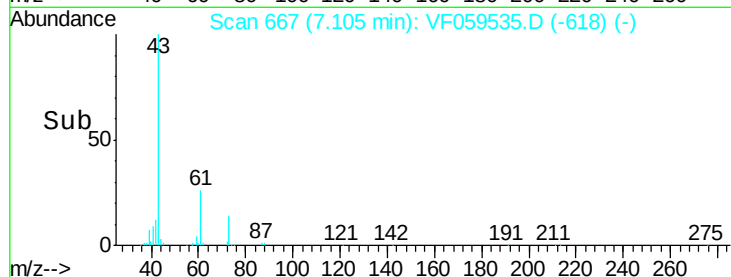
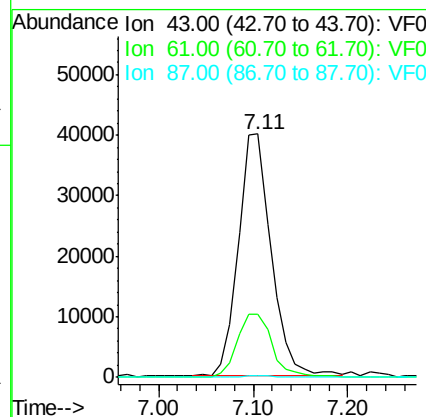
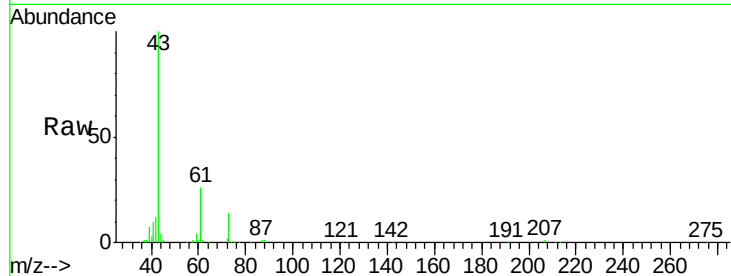
#43
Isopropyl Acetate
Concen: 41.30 ug/l
RT: 7.11 min Scan# 667
Delta R.T. -0.02 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Instrument :
MSVOA_F
ClientSampleId :
CON-SB-05-0-2MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.2	20.3	30.5
87	0.5	0.4	0.6

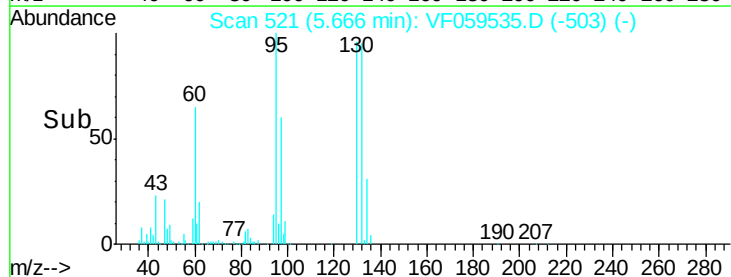
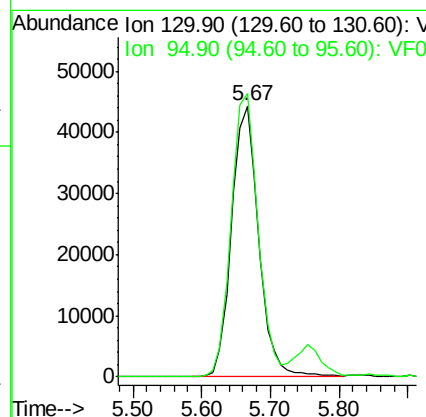
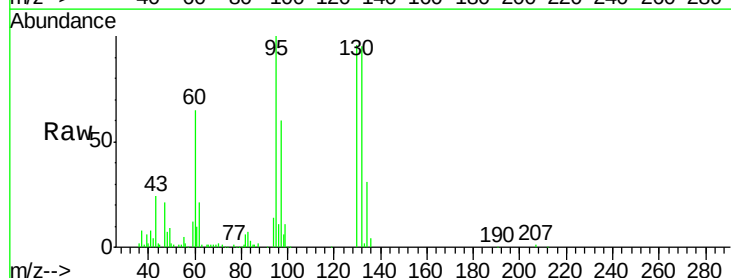
Manual Integrations
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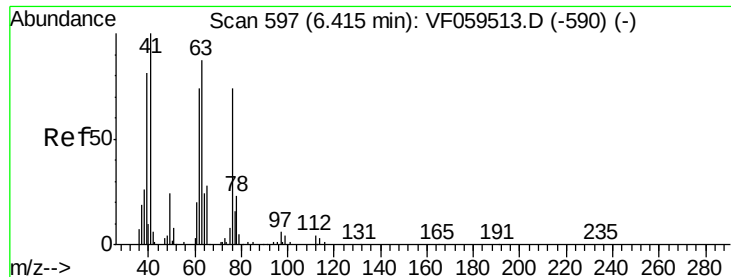
apatel
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#44
Trichloroethene
Concen: 52.04 ug/l
RT: 5.67 min Scan# 521
Delta R.T. -0.02 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.5	0.0	206.6





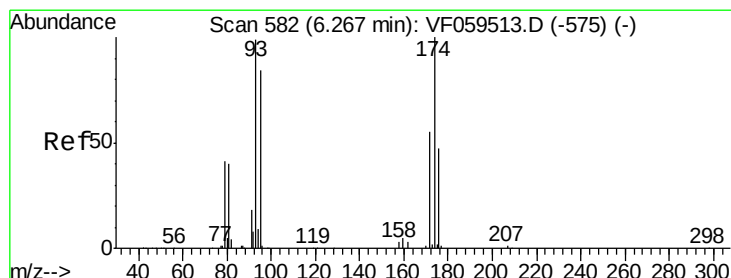
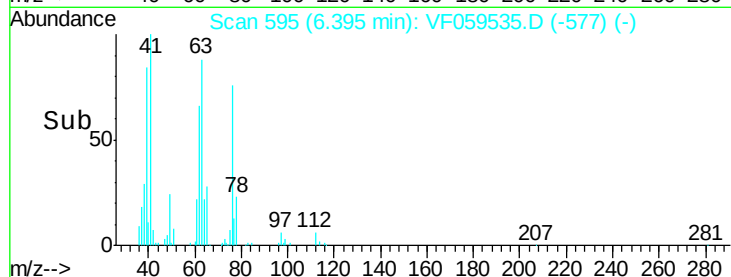
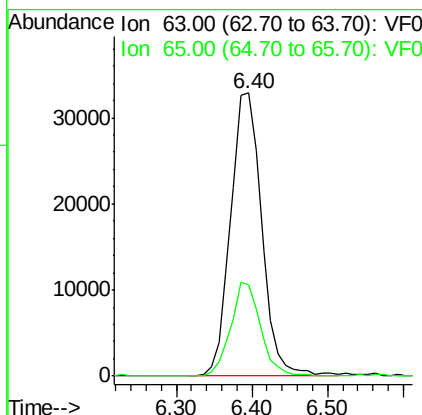
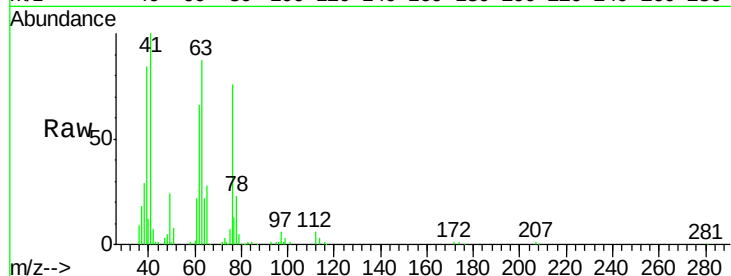
#45
 1,2-Dichloropropane
 Concen: 53.67 ug/l
 RT: 6.40 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: VF059535.D
 Acq: 19 Jul 2018 1:50

Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-05-0-2MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	26.1	39.1

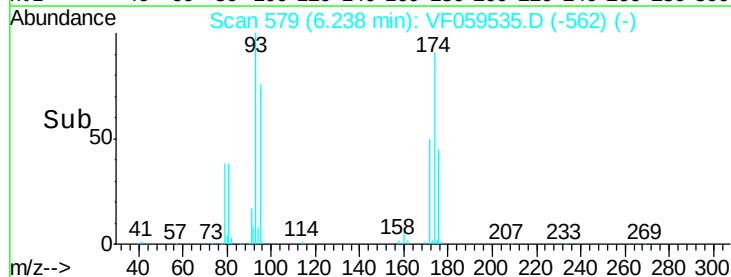
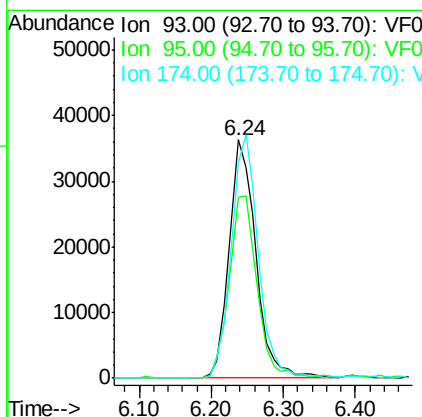
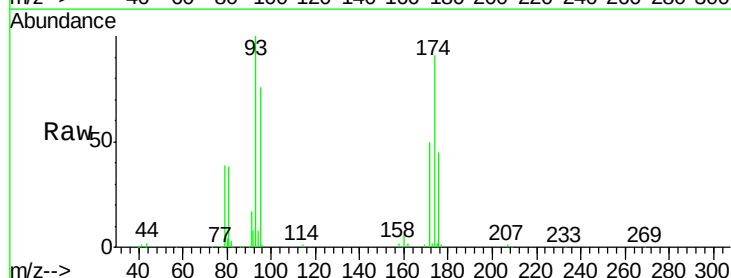
Manual Integrations
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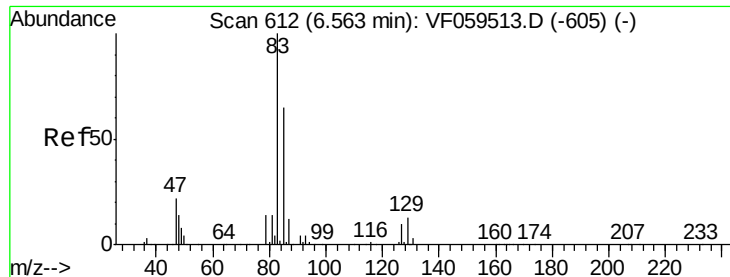
apatel
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#46
 Dibromomethane
 Concen: 59.02 ug/l
 RT: 6.24 min Scan# 579
 Delta R.T. -0.03 min
 Lab File: VF059535.D
 Acq: 19 Jul 2018 1:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	76.0	68.3	102.5
174	90.6	81.2	121.8





#47

Bromodichloromethane

Concen: 56.09 ug/l

RT: 6.53 min Scan# 609

Delta R.T. -0.03 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

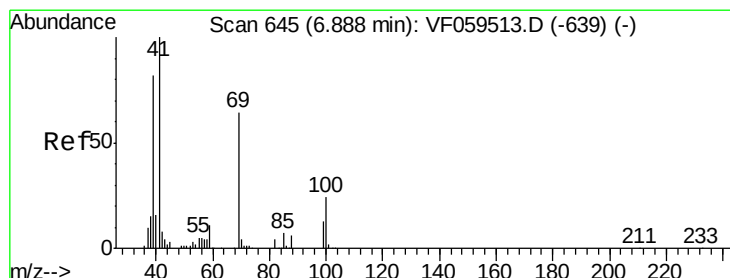
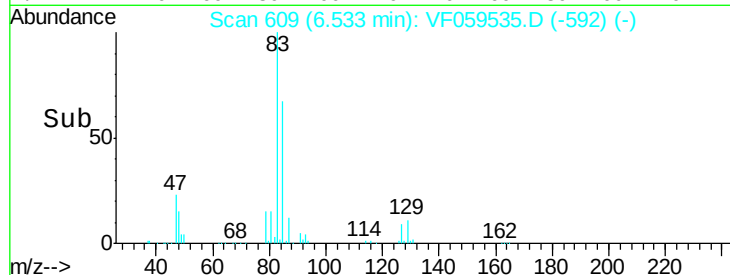
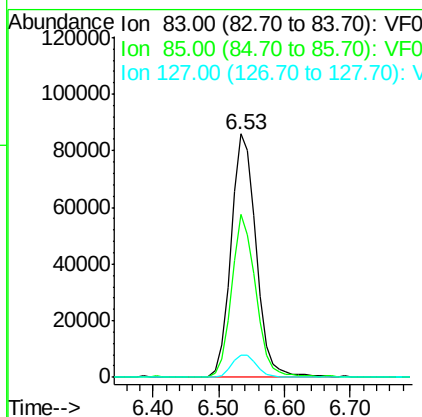
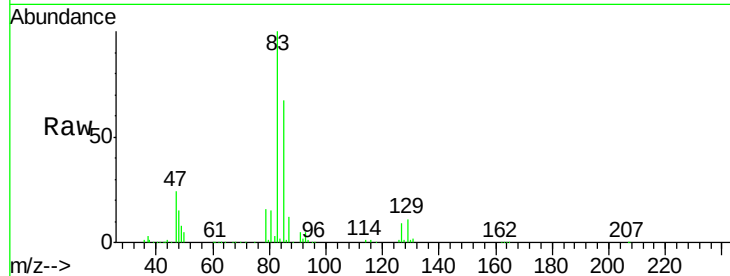
ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion:	83	Resp:	229975
Ion	Ratio	Lower	Upper
83	100		
85	66.9	52.4	78.6
127	9.3	8.2	12.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 61.92 ug/l

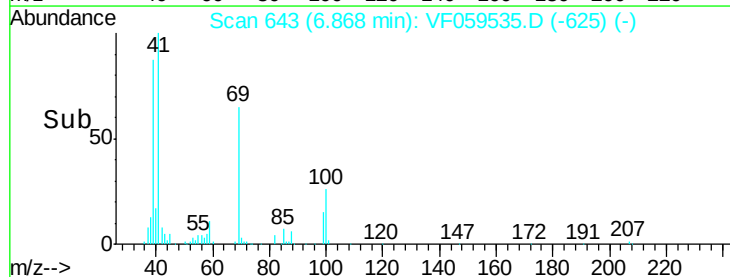
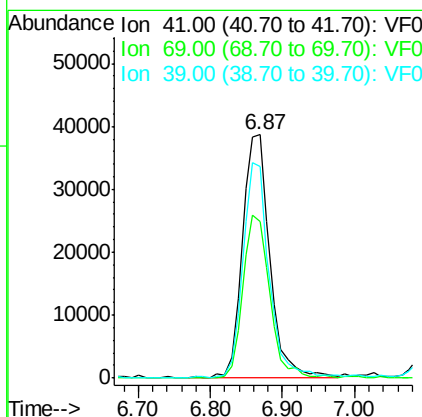
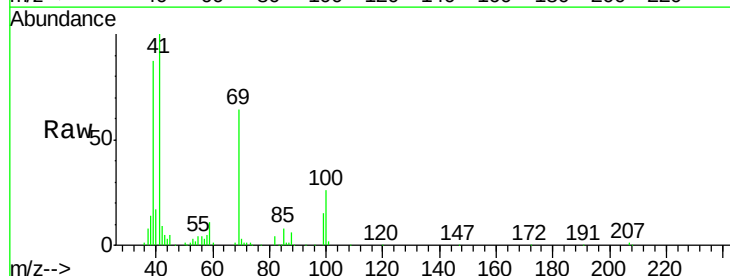
RT: 6.87 min Scan# 643

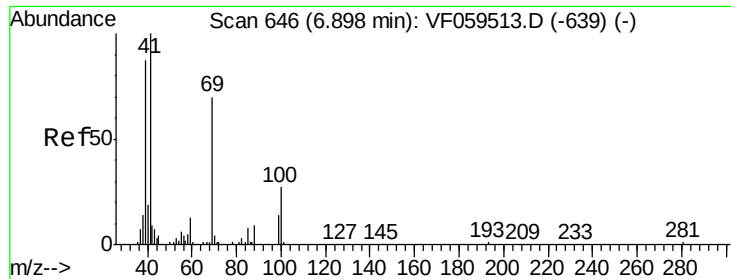
Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Tgt Ion:	41	Resp:	103221
Ion	Ratio	Lower	Upper
41	100		
69	64.4	51.3	76.9
39	86.8	65.3	97.9





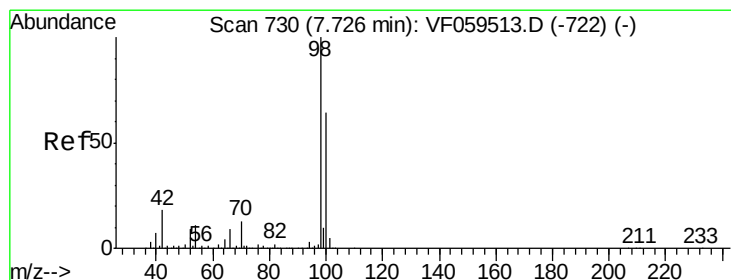
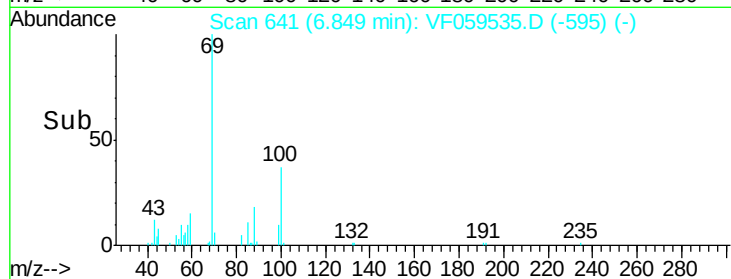
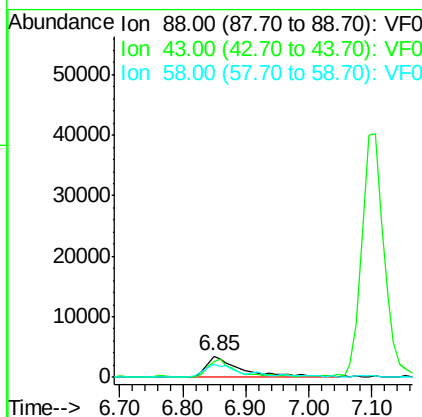
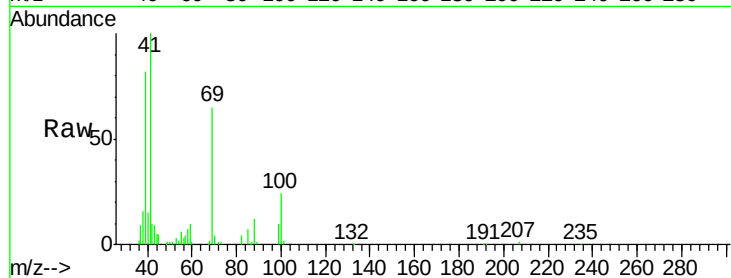
#49
1,4-Dioxane
Concen: 2074.96 ug/l
RT: 6.85 min Scan# 641
Delta R.T. -0.05 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Instrument :
MSVOA_F
ClientSampleId :
CON-SB-05-0-2MSD

Tot Ion	88	Resp	13784
Ion	Ratio	Lower	Upper
88	100		
43	76.5	64.8	97.2
58	62.1	44.1	66.1

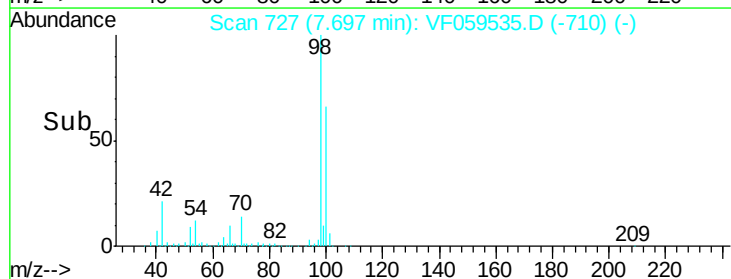
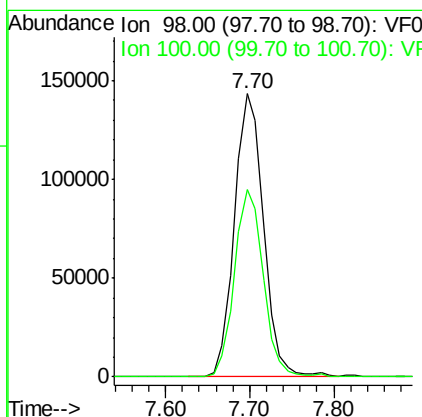
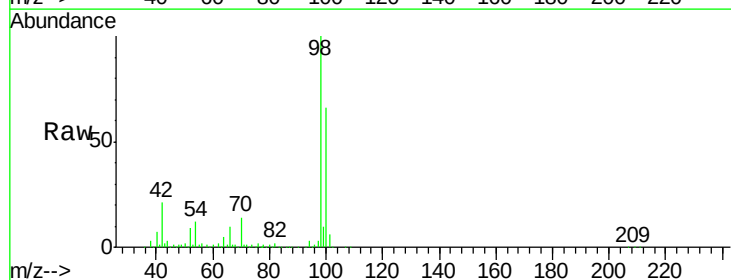
Manual Integrations
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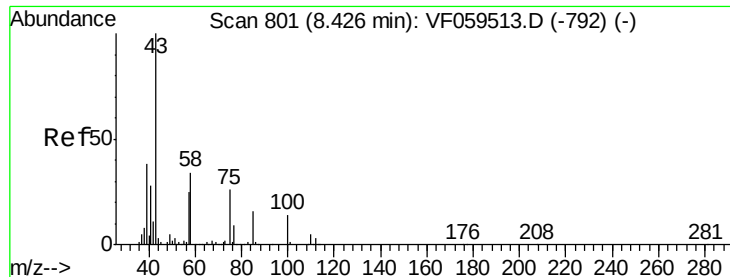
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#50
Toluene-d8
Concen: 48.91 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.03 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Tgt Ion	98	Resp	346265
Ion	Ratio	Lower	Upper
98	100		
100	66.2	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 306.79 ug/l

RT: 8.40 min Scan# 798

Delta R.T. -0.03 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion: 43 Resp: 507588

Ion Ratio Lower Upper

43 100

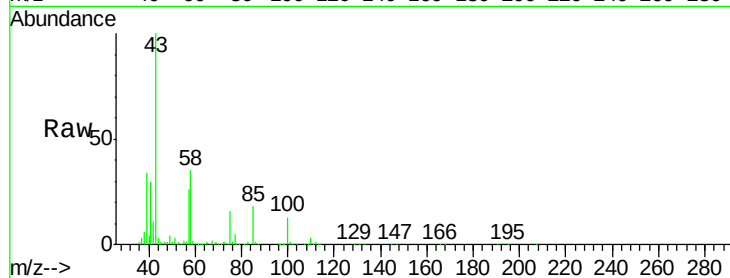
58 35.1 27.4 41.2

Manual Integrations

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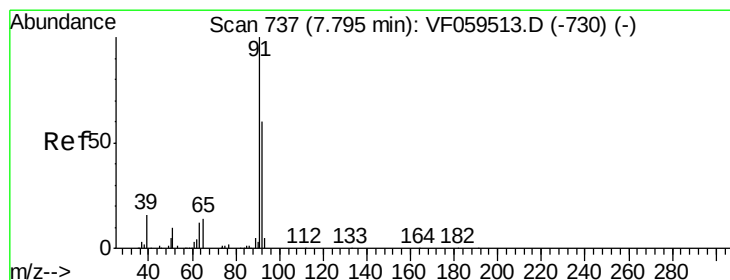
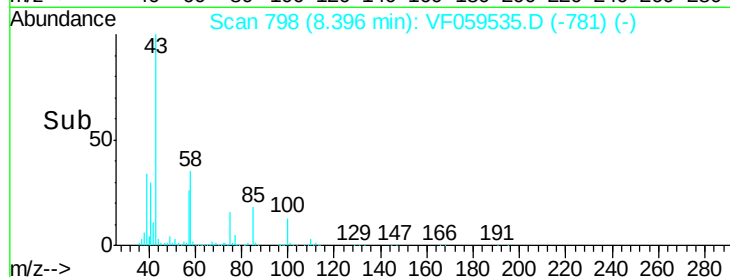
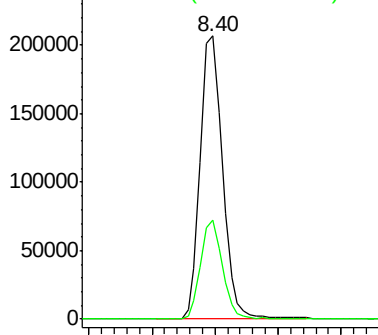
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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 53.16 ug/l

RT: 7.77 min Scan# 734

Delta R.T. -0.03 min

Lab File: VF059535.D

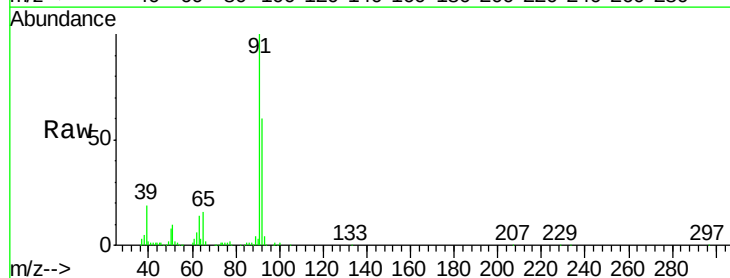
Acq: 19 Jul 2018 1:50

Tgt Ion: 92 Resp: 242959

Ion Ratio Lower Upper

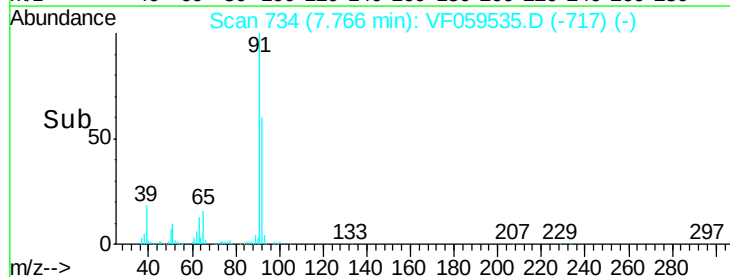
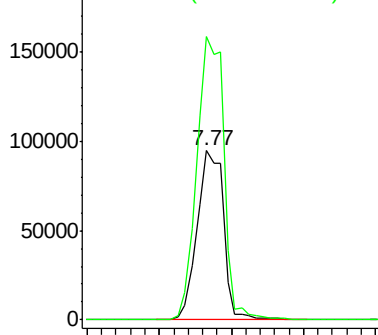
92 100

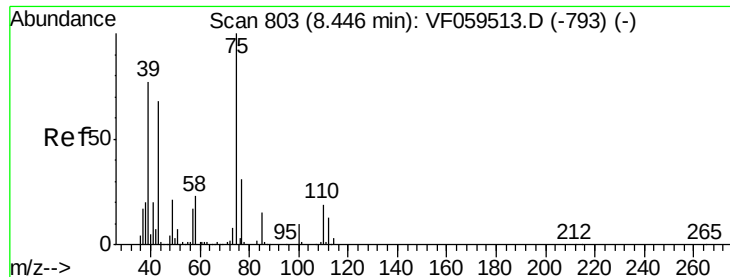
91 167.2 134.2 201.4



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 53.52 ug/l

RT: 8.42 min Scan# 800

Delta R.T. -0.03 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion: 75 Resp: 201854

Ion Ratio Lower Upper

75 100

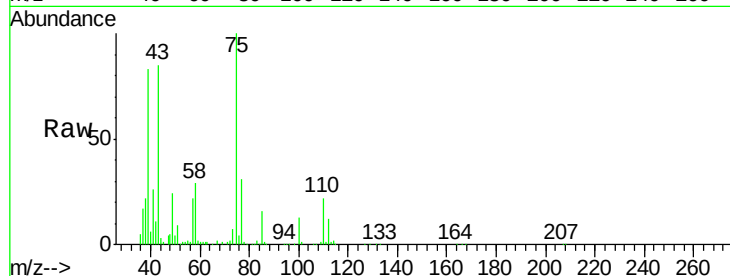
77 30.7 25.3 37.9

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Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

8.42

100000

80000

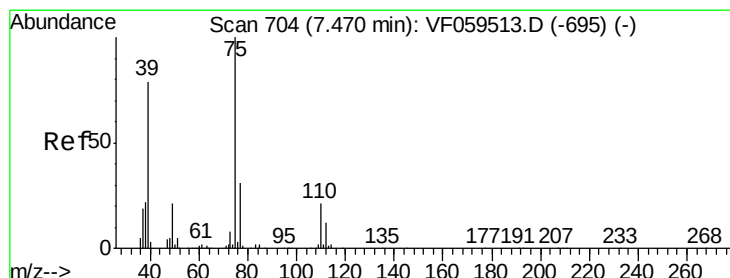
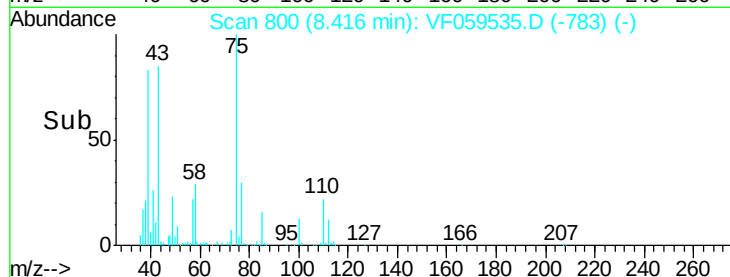
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.63 ug/l

RT: 7.45 min Scan# 702

Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

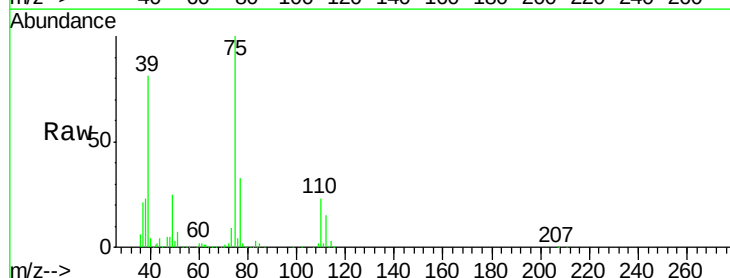
Tgt Ion: 75 Resp: 201383

Ion Ratio Lower Upper

75 100

77 33.3 25.0 37.6

39 81.5 63.8 95.6



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

7.45

100000

80000

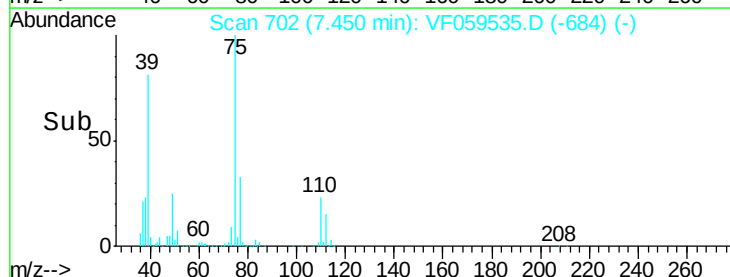
60000

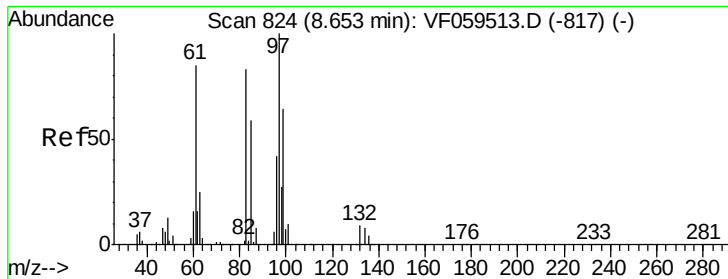
40000

20000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 62.54 ug/l

RT: 8.62 min Scan# 821

Delta R.T. -0.03 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

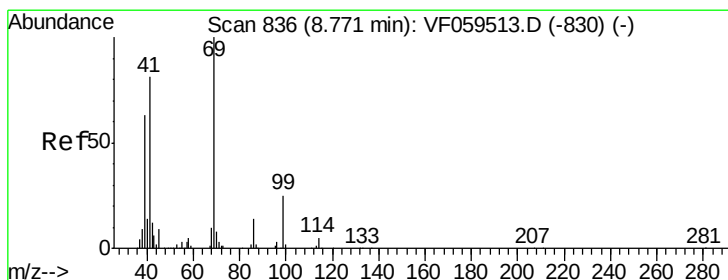
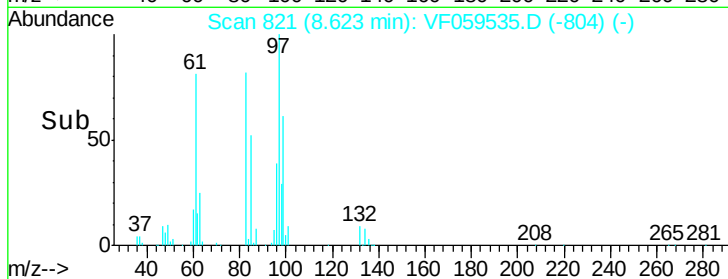
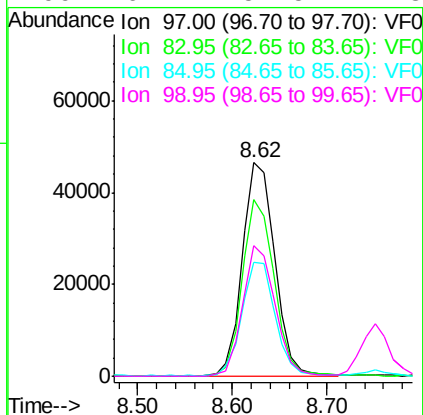
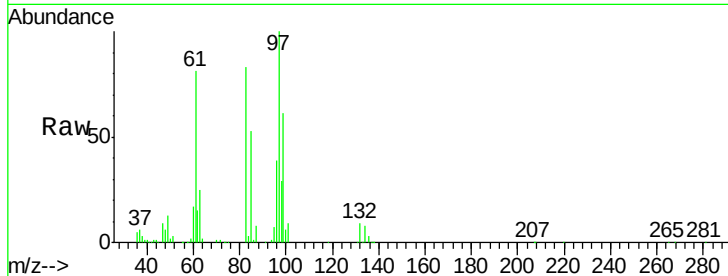
ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	82.6	66.9	100.3	
85	53.1	46.9	70.3	
99	61.1	51.5	77.3	

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#56

Ethyl methacrylate

Concen: 48.23 ug/l

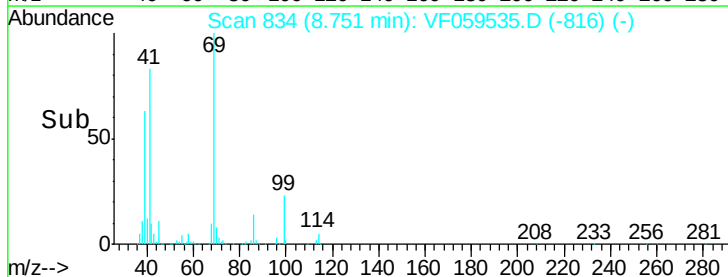
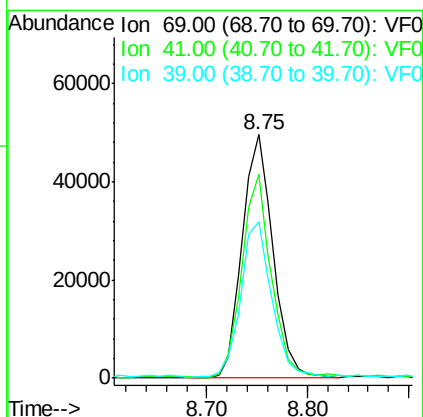
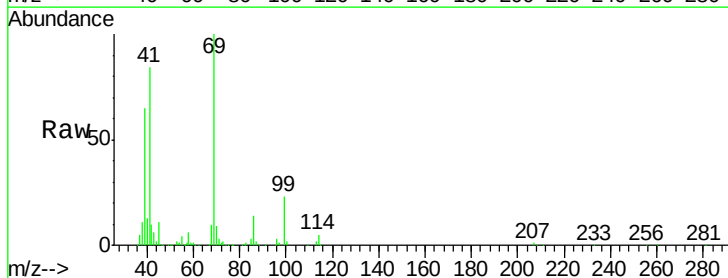
RT: 8.75 min Scan# 834

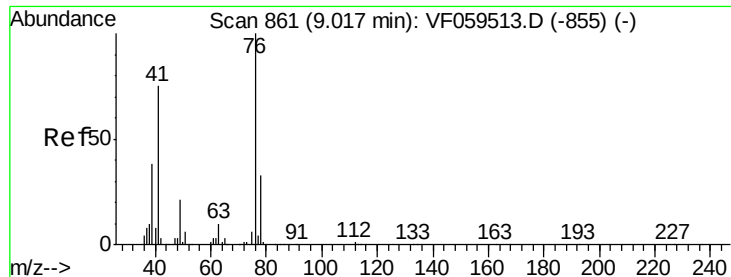
Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	83.9	65.4	98.2	
39	64.5	51.0	76.4	





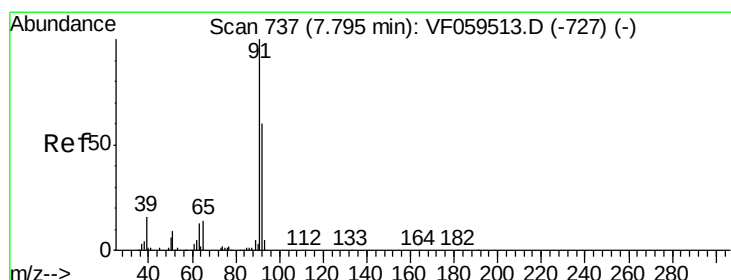
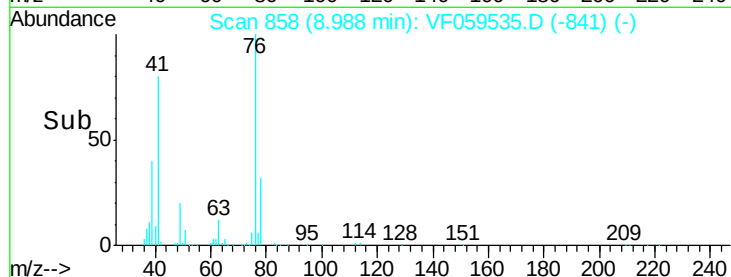
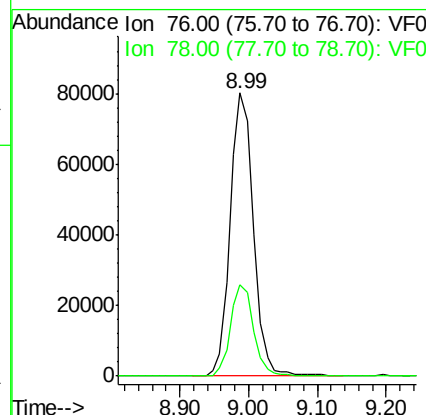
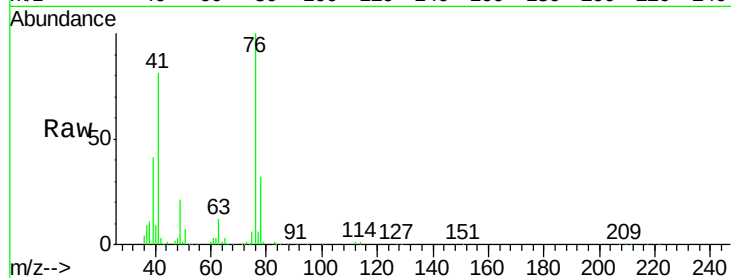
#57
 1,3-Dichloropropane
 Concen: 60.03 ug/l
 RT: 8.99 min Scan# 858
 Delta R.T. -0.03 min
 Lab File: VF059535.D
 Acq: 19 Jul 2018 1:50

Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-05-0-2MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.4	39.6

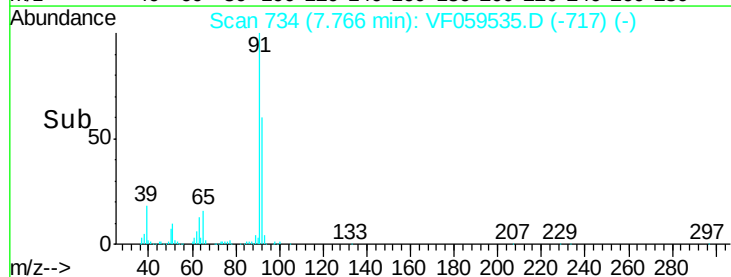
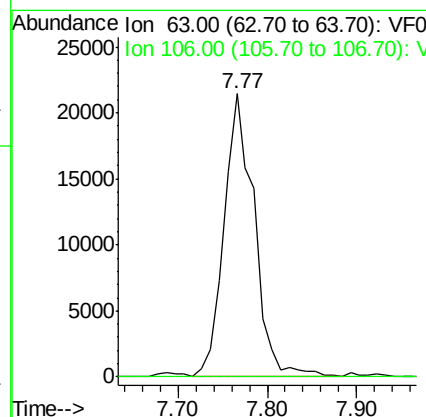
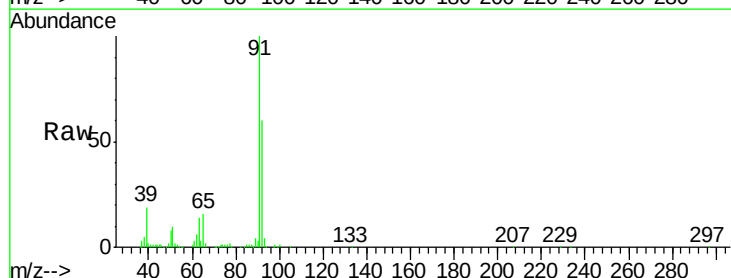
Manual Integrations
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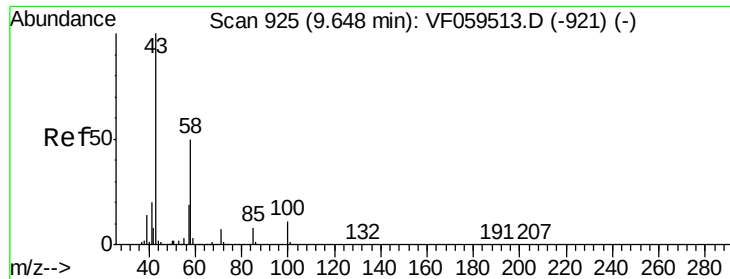
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#58
 2-Chloroethyl Vinyl ether
 Concen: 263.30 ug/l
 RT: 7.77 min Scan# 734
 Delta R.T. -0.03 min
 Lab File: VF059535.D
 Acq: 19 Jul 2018 1:50

Tgt Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0





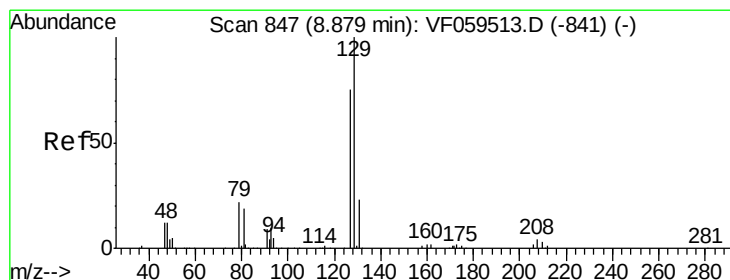
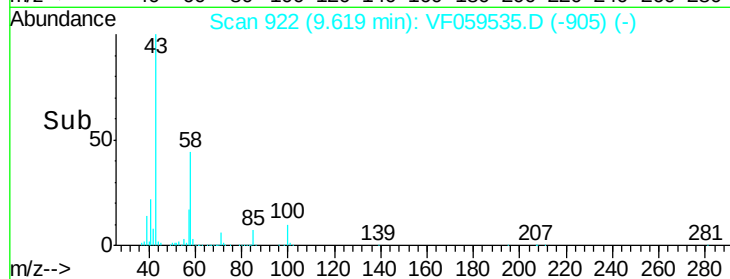
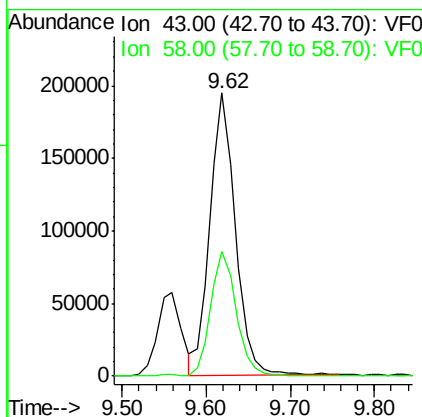
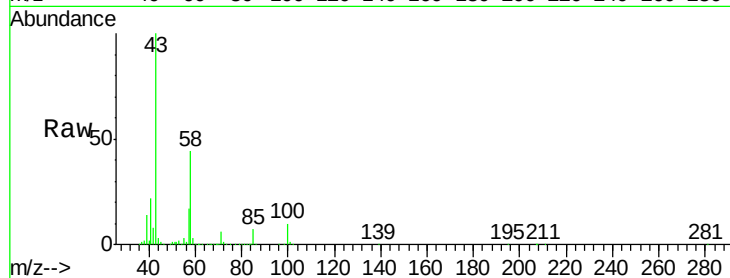
#59
2-Hexanone
Concen: 327.26 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.03 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Instrument :
MSVOA_F
ClientSampleId :
CON-SB-05-0-2MSD

Tot Ion: 43 Resp: 409209
Ion Ratio Lower Upper
43 100
58 44.0 23.3 69.9

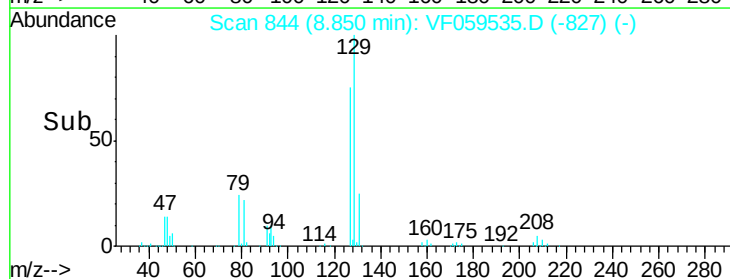
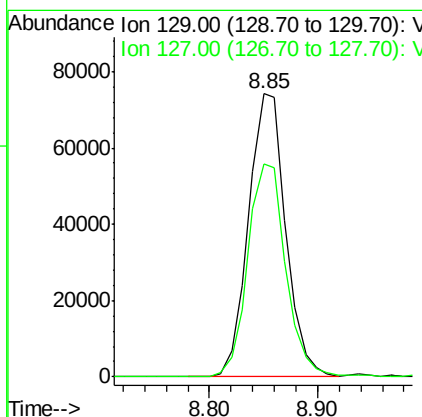
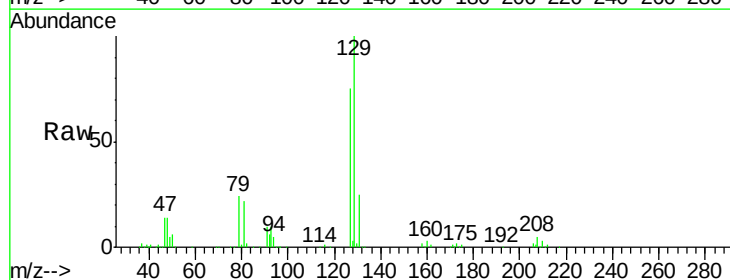
Manual Integrations
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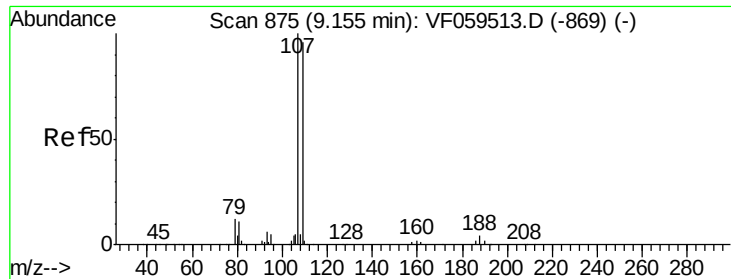
apatel
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#60
Dibromochloromethane
Concen: 59.75 ug/l
RT: 8.85 min Scan# 844
Delta R.T. -0.03 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Tgt Ion: 129 Resp: 178315
Ion Ratio Lower Upper
129 100
127 75.4 37.6 112.8





#61

1,2-Dibromoethane

Concen: 59.55 ug/l

RT: 9.13 min Scan# 872

Delta R.T. -0.03 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion: 107 Resp: 130839

Ion Ratio Lower Upper

107 100

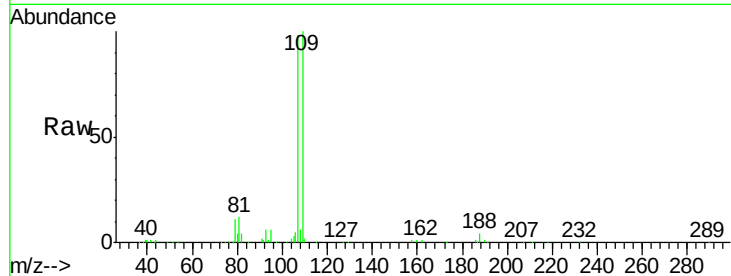
109 102.5 76.5 114.7

Manual Integrations

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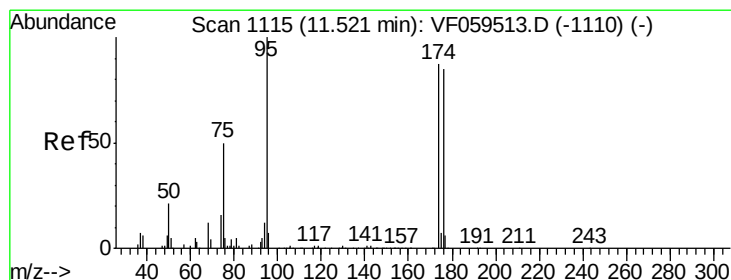
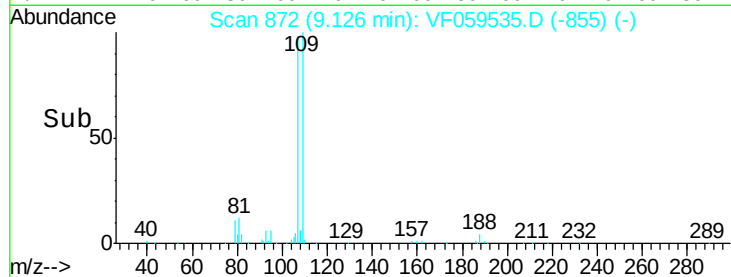
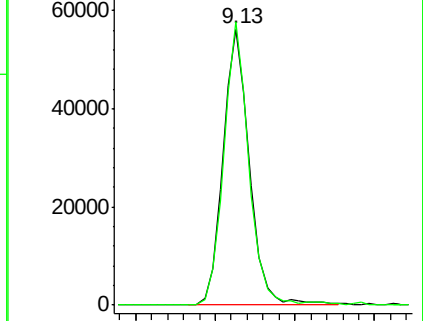
apatel

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Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 51.81 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

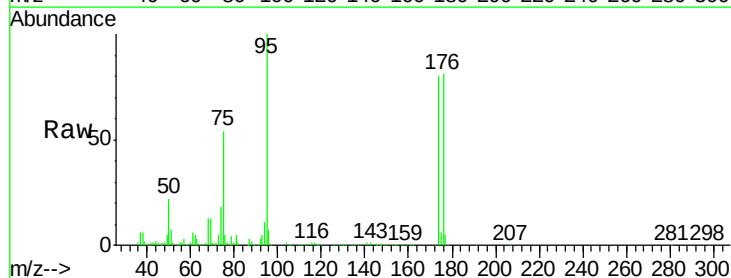
Tgt Ion: 95 Resp: 192420

Ion Ratio Lower Upper

95 100

174 79.7 0.0 174.4

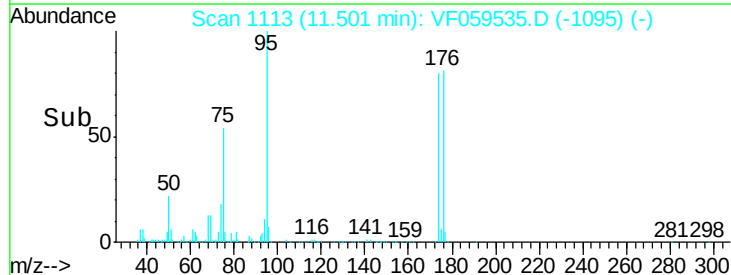
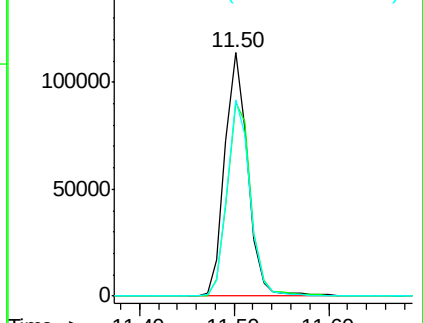
176 80.6 0.0 169.4

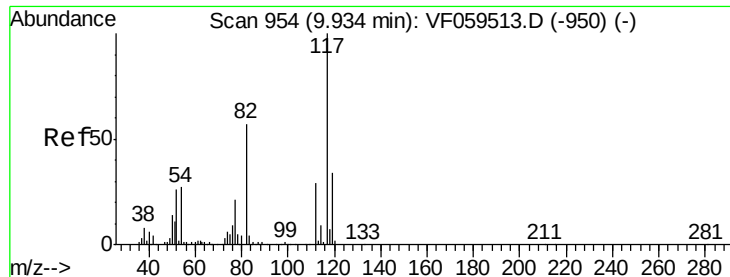


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





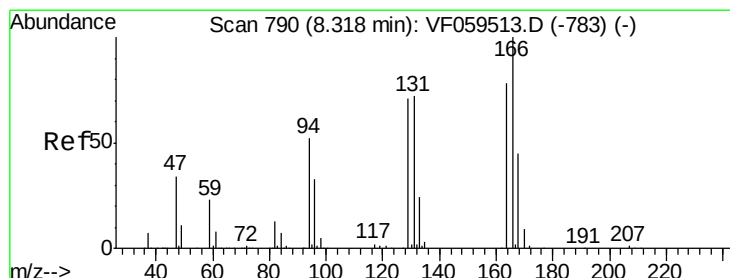
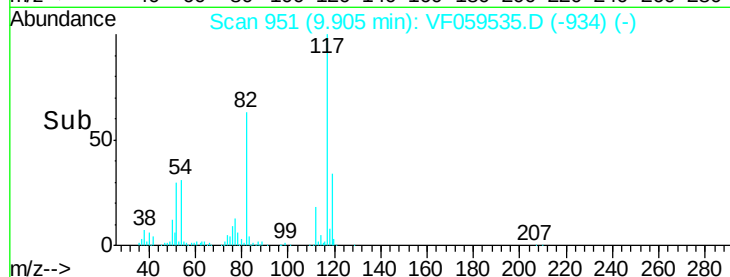
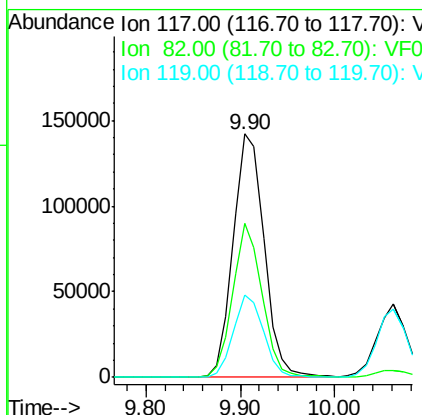
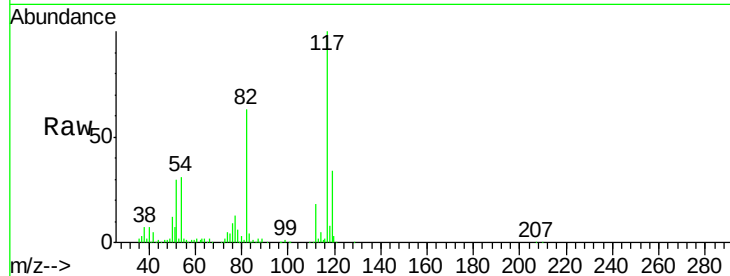
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.03 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Instrument :
MSVOA_F
ClientSampleId :
CON-SB-05-0-2MSD

Tot Ion	Ratio	Lower	Upper
117	100		
82	63.3	46.1	69.1
119	33.7	27.2	40.8

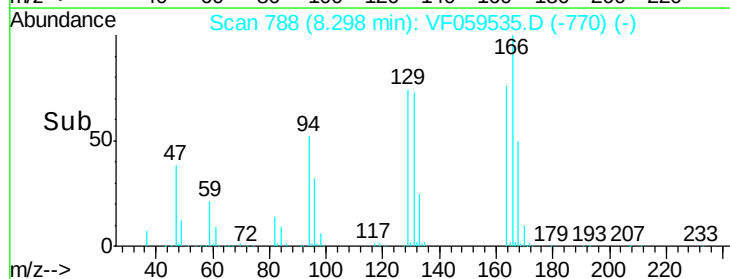
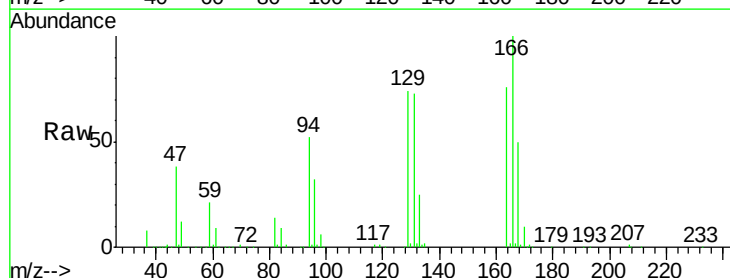
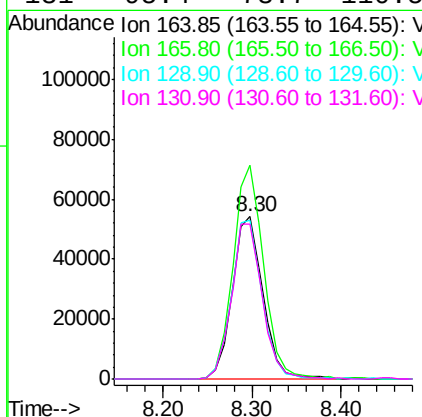
Manual Integrations
APPROVED

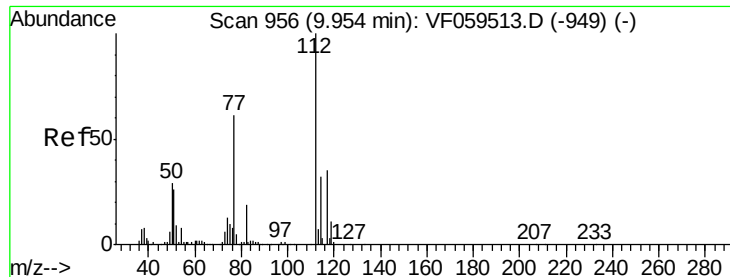
apatel
7/19/2018 10:18:57 AM



#64
Tetrachloroethene
Concen: 53.93 ug/l
RT: 8.30 min Scan# 788
Delta R.T. -0.02 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.5	102.3	153.5
129	97.7	72.4	108.6
131	95.4	73.7	110.5





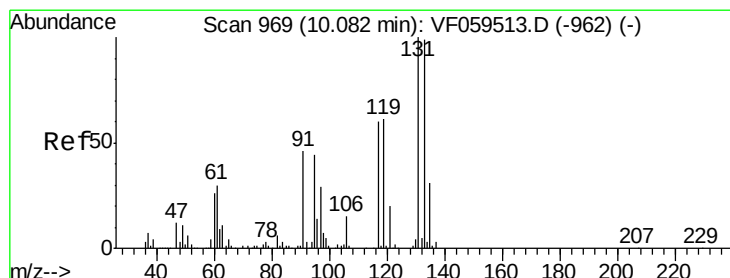
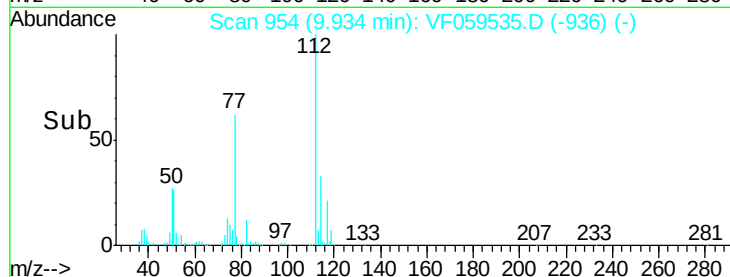
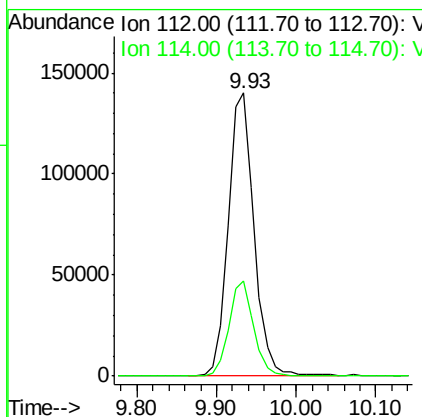
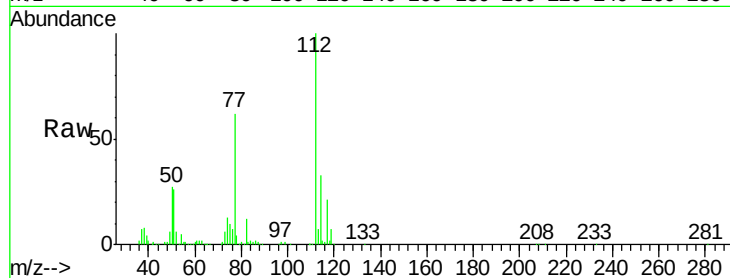
#65
Chlorobenzene
Concen: 52.20 ug/l
RT: 9.93 min Scan# 954
Delta R.T. -0.02 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Instrument :
MSVOA_F
ClientSampleId :
CON-SB-05-0-2MSD

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.5	25.4	38.2

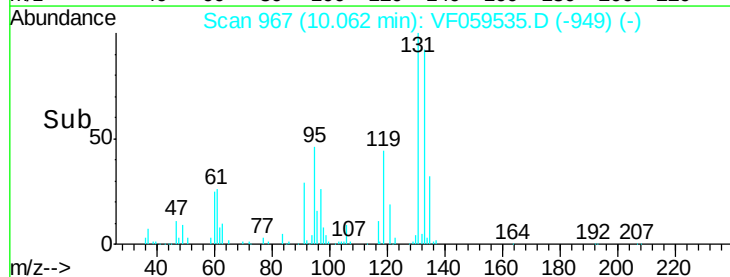
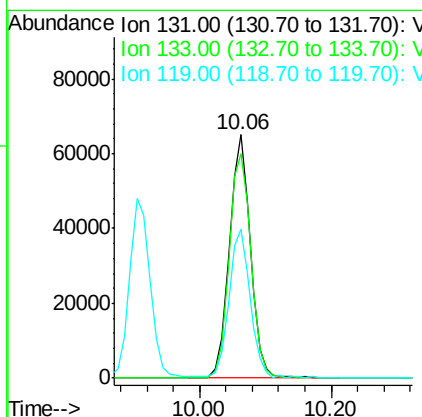
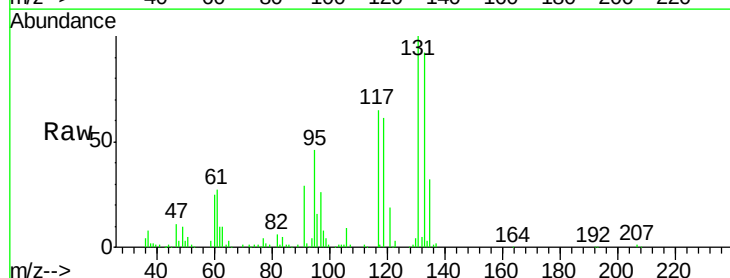
Manual Integrations
APPROVED

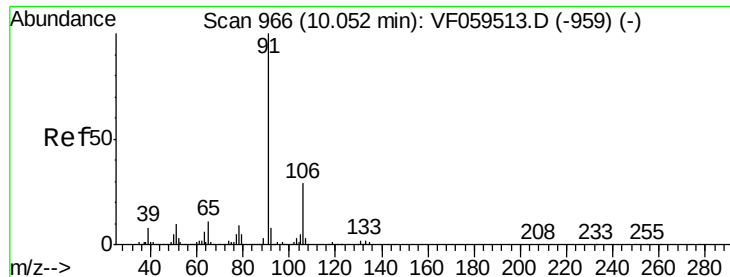
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.59 ug/l
RT: 10.06 min Scan# 967
Delta R.T. -0.02 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.0	49.6	148.8
119	61.0	31.4	94.3





#67

Ethyl Benzene

Concen: 47.06 ug/l

RT: 10.03 min Scan# 964

Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion: 91 Resp: 510609

Ion Ratio Lower Upper

91 100

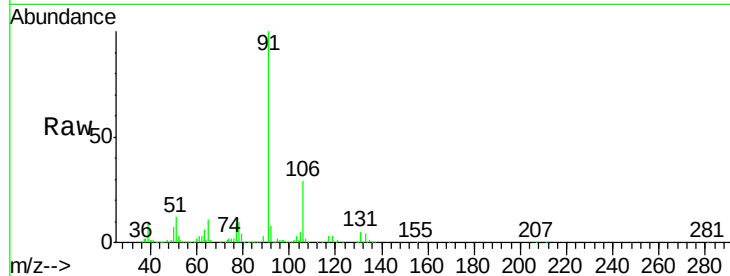
106 29.4 23.4 35.2

Manual Integrations

APPROVED

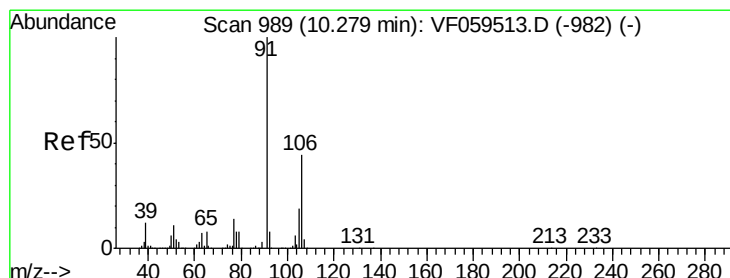
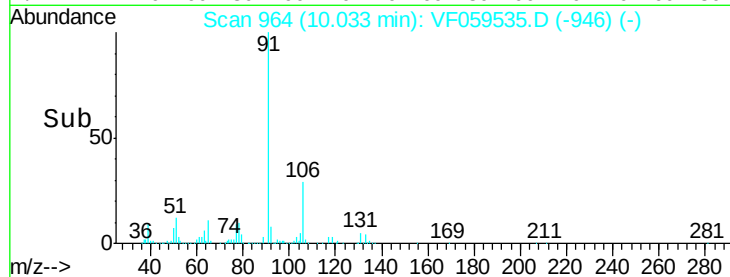
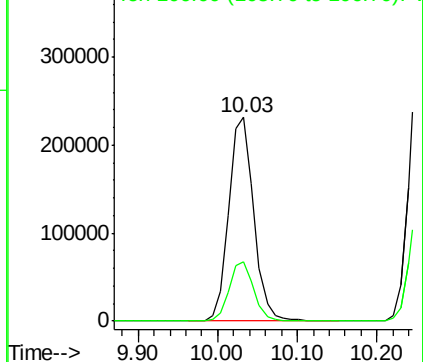
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 94.73 ug/l

RT: 10.26 min Scan# 987

Delta R.T. -0.02 min

Lab File: VF059535.D

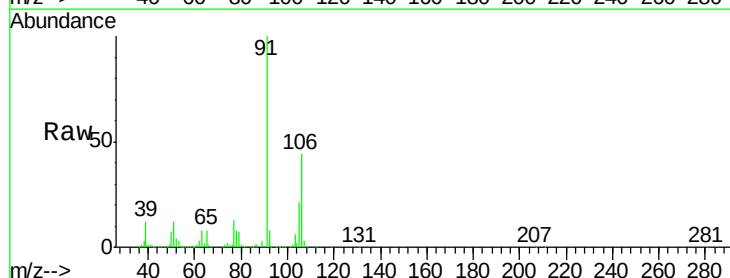
Acq: 19 Jul 2018 1:50

Tgt Ion: 106 Resp: 362821

Ion Ratio Lower Upper

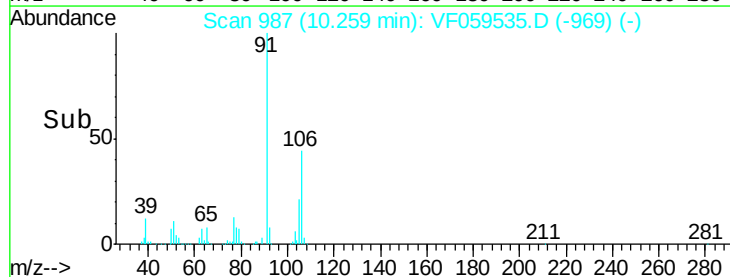
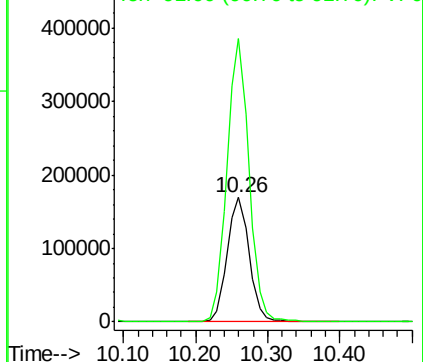
106 100

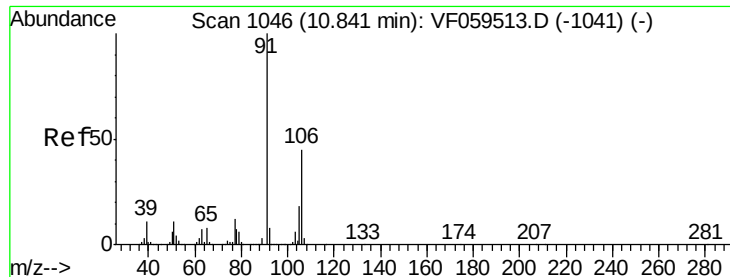
91 227.3 181.0 271.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0





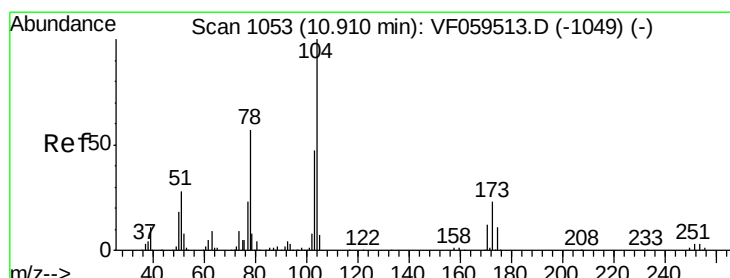
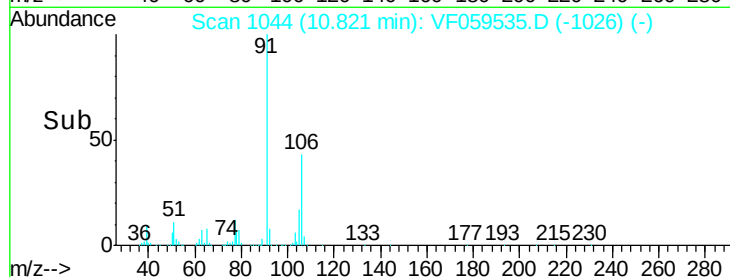
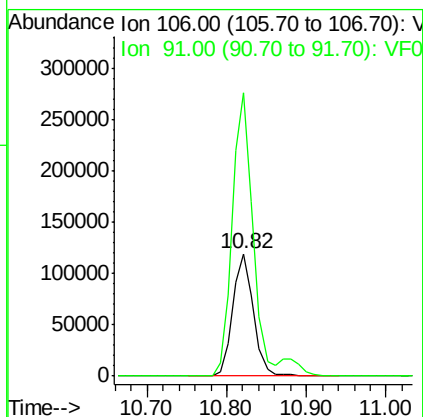
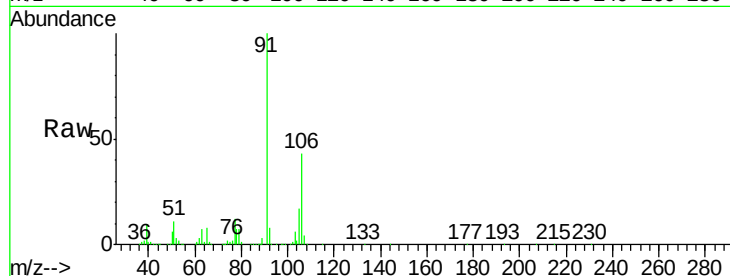
#69
o-Xylene
Concen: 53.30 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.02 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Instrument :
MSVOA_F
ClientSampleId :
CON-SB-05-0-2MSD

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	230.9	112.3	336.9	

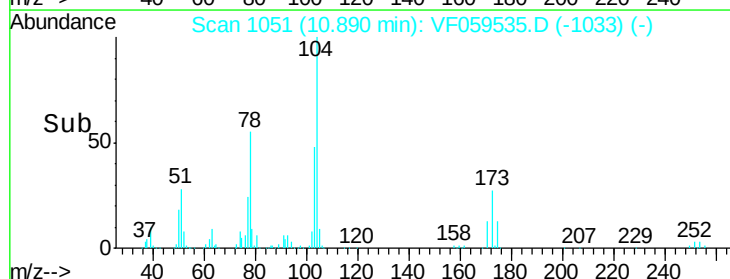
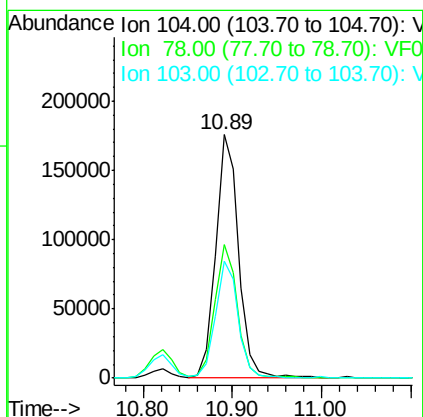
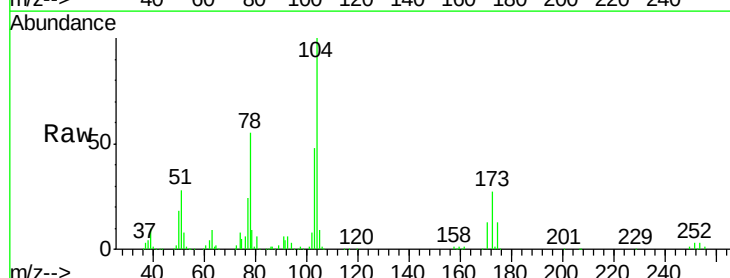
Manual Integrations
APPROVED

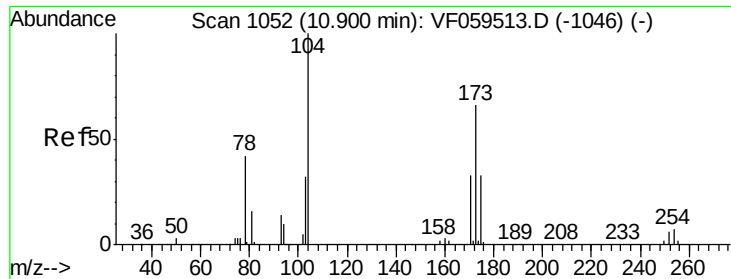
apatel
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#70
Styrene
Concen: 50.25 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. -0.02 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	55.0	45.7	68.5	
103	47.9	38.1	57.1	





#71

Bromoform

Concen: 61.70 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

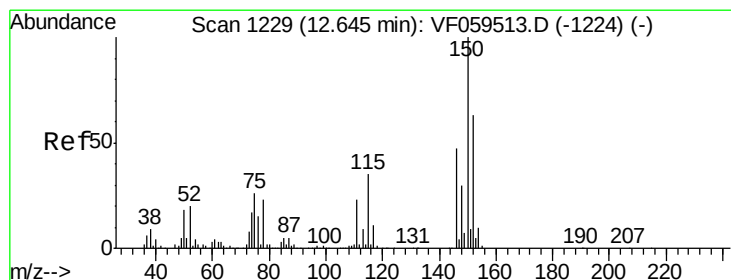
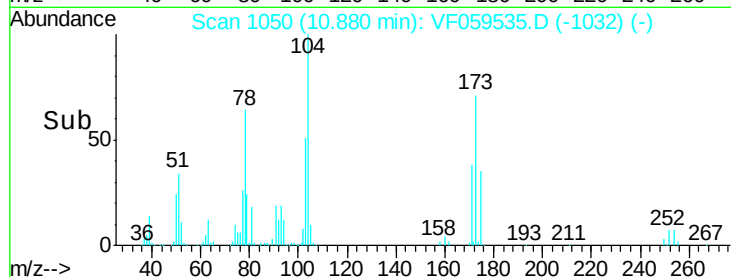
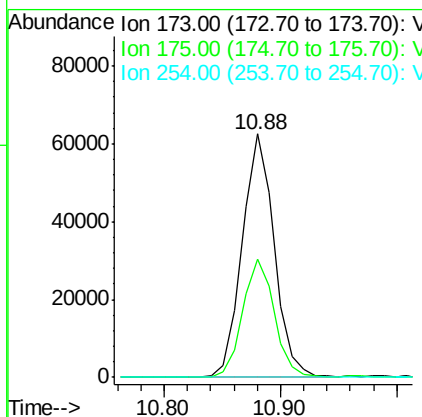
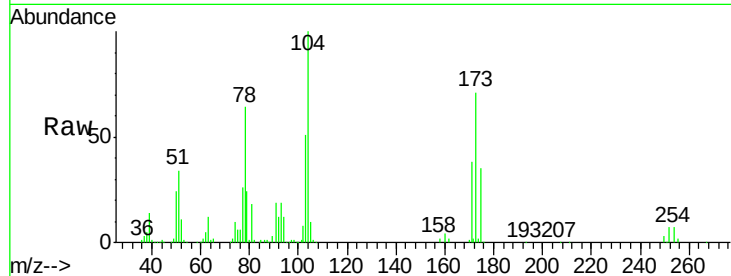
ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion:	173	Resp:	119004
Ion Ratio	Lower	Upper	
173	100		
175	49.3	25.3	75.8
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

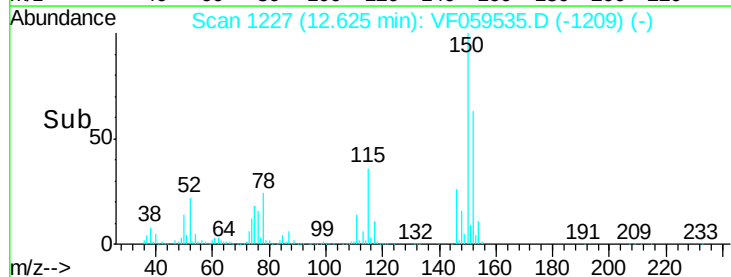
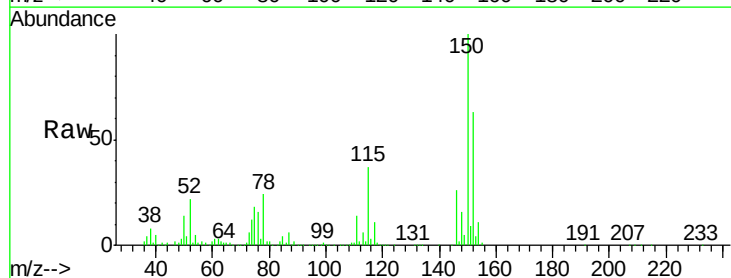
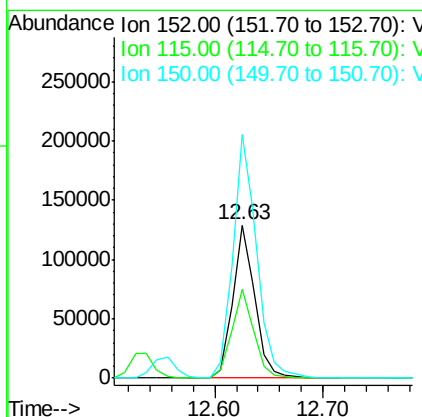
RT: 12.63 min Scan# 1227

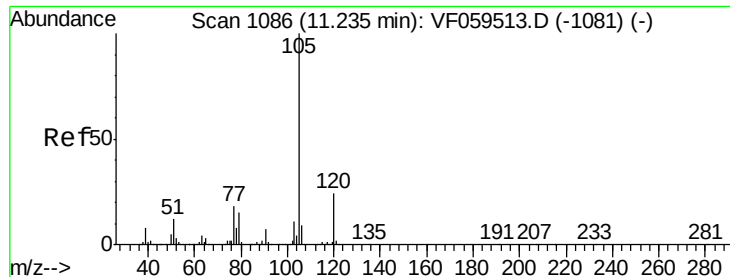
Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Tgt Ion:	152	Resp:	182391
Ion Ratio	Lower	Upper	
152	100		
115	58.1	27.8	83.3
150	159.1	0.0	318.4





#73

Isopropylbenzene

Concen: 50.31 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion: 105 Resp: 579000

Ion Ratio Lower Upper

105 100

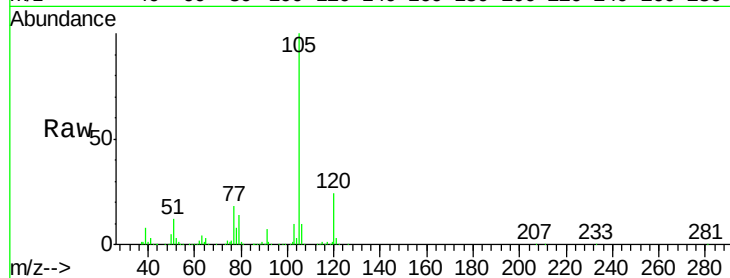
120 24.5 12.0 36.0

Manual Integrations

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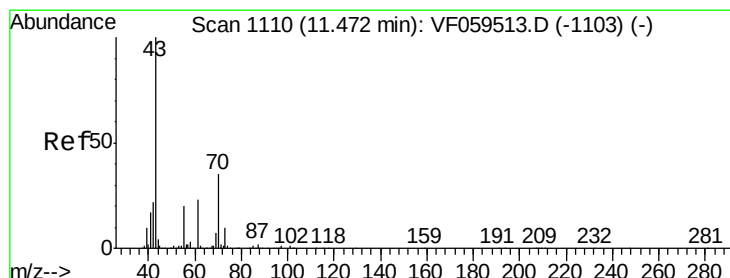
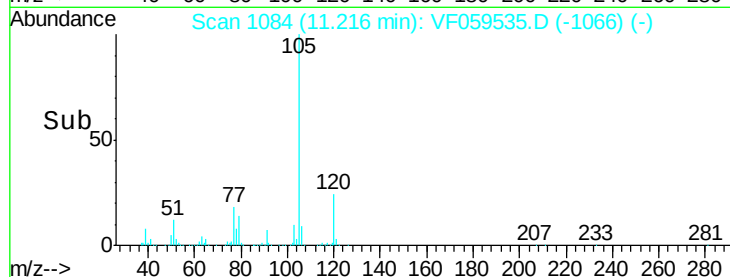
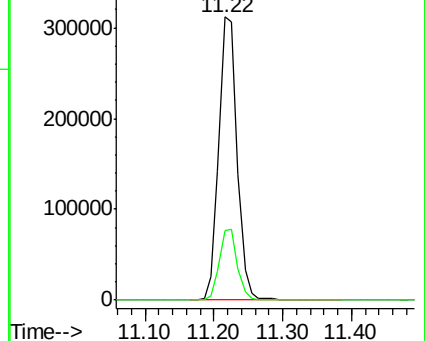
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.03 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Tgt Ion: 43 Resp: 158619

Ion Ratio Lower Upper

43 100

70 33.2 27.9 41.9

55 22.0 16.2 24.2

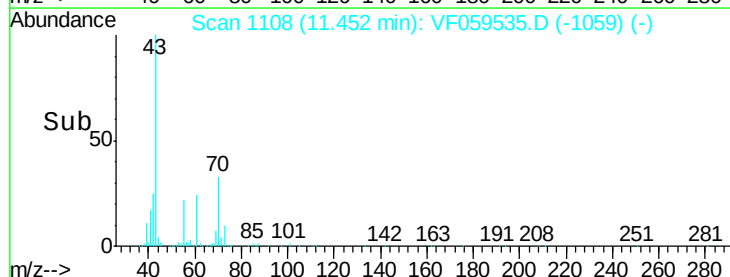
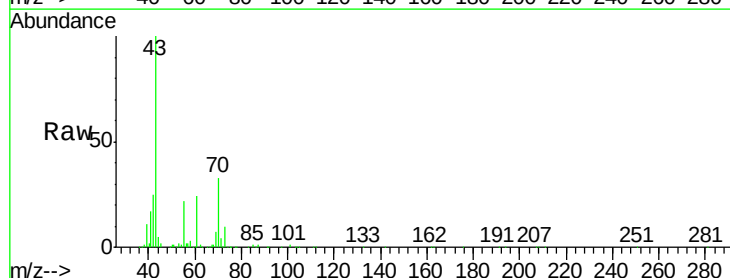
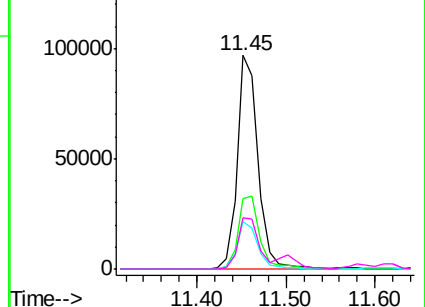
61 24.0 18.6 27.8

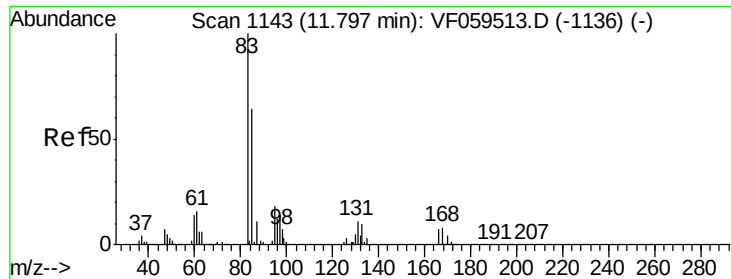
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 65.15 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

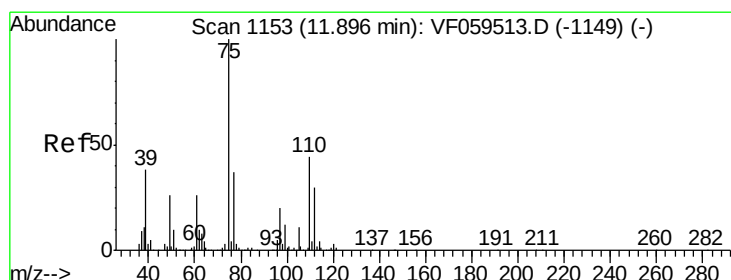
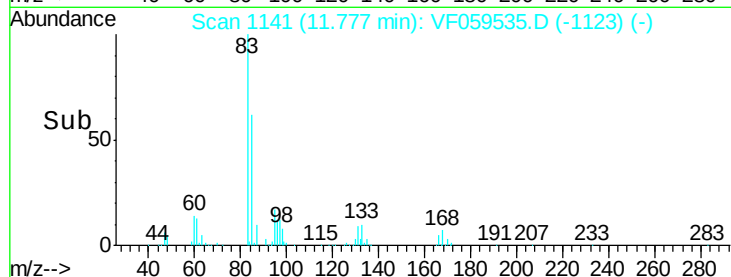
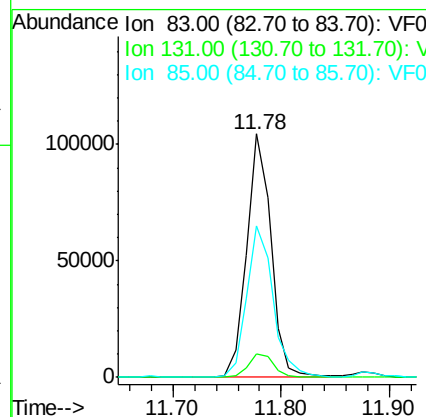
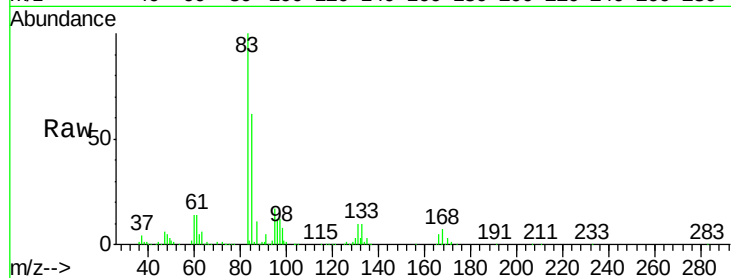
ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion:	83	Resp:	163553
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.7	17.1
85	62.0	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 67.22 ug/l

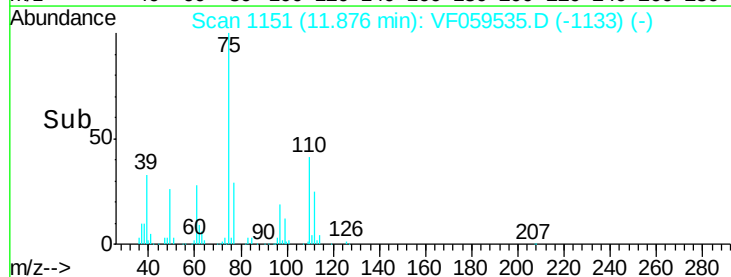
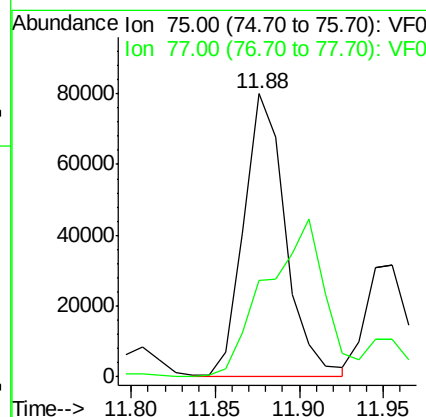
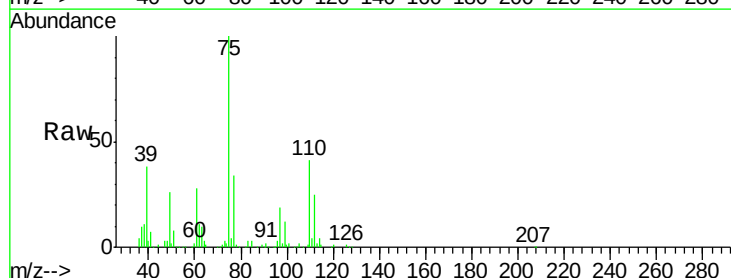
RT: 11.88 min Scan# 1151

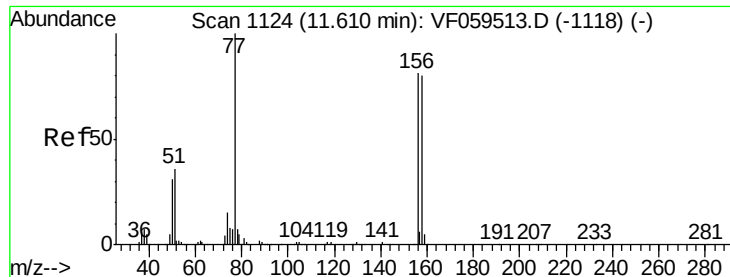
Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Tgt Ion:	75	Resp:	137786
Ion Ratio	Lower	Upper	
75	100		
77	34.2	18.7	56.1





#77

Bromobenzene

Concen: 53.75 ug/l

RT: 11.59 min Scan# 1122

Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

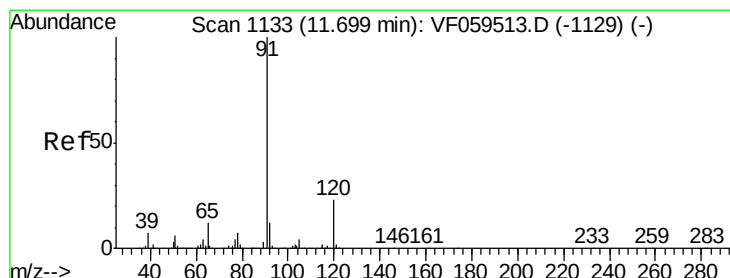
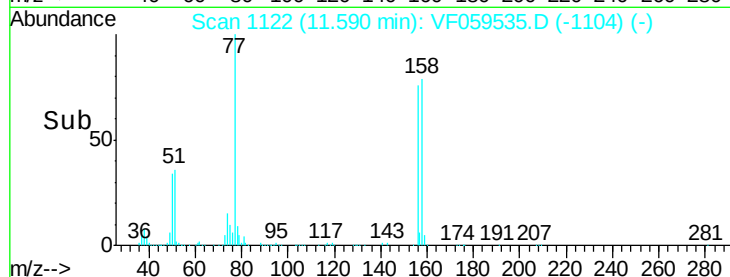
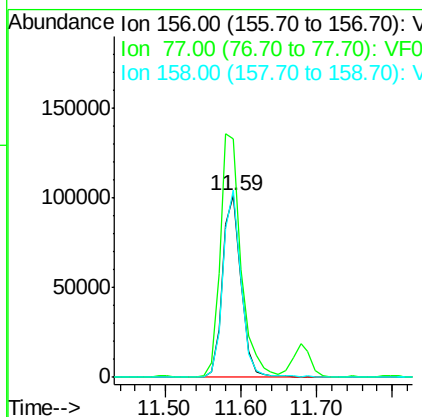
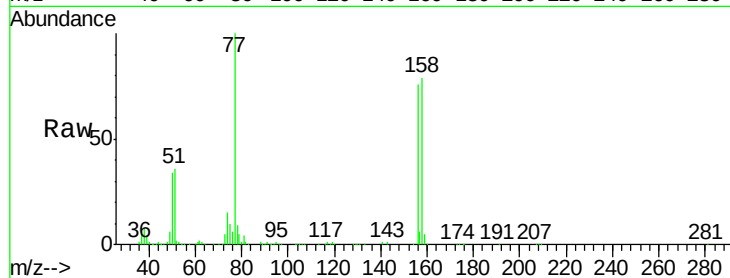
ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion:	156	Resp:	173396
Ion Ratio	Lower	Upper	
156	100		
77	131.3	62.0	186.0
158	103.2	49.8	149.3

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#78

n-propylbenzene

Concen: 46.91 ug/l

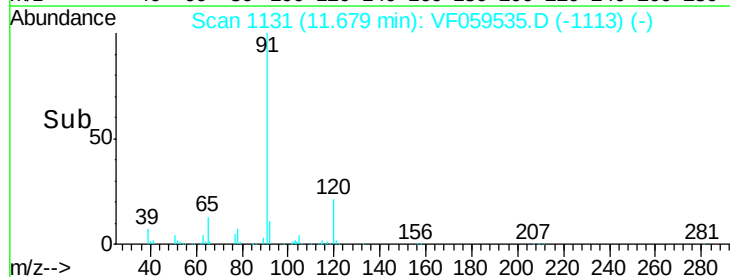
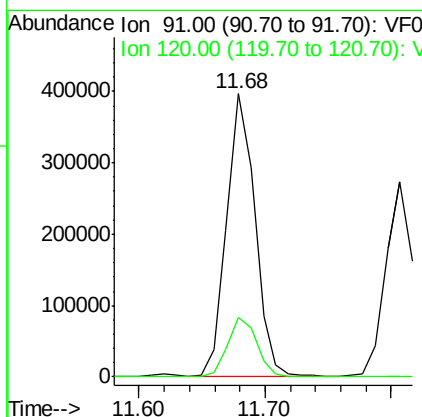
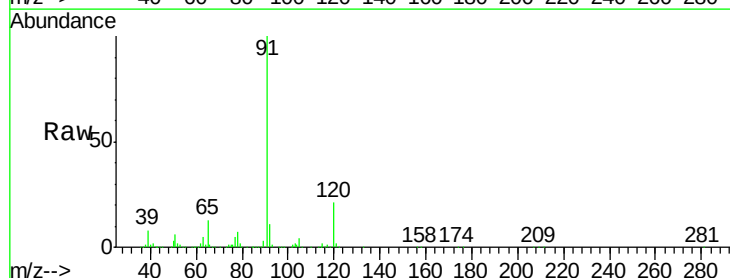
RT: 11.68 min Scan# 1131

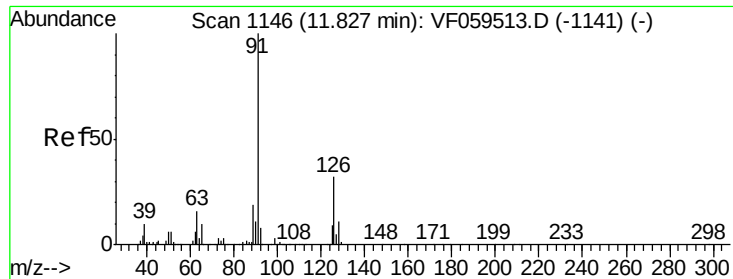
Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Tgt Ion:	91	Resp:	619314
Ion Ratio	Lower	Upper	
91	100		
120	21.2	11.3	33.9





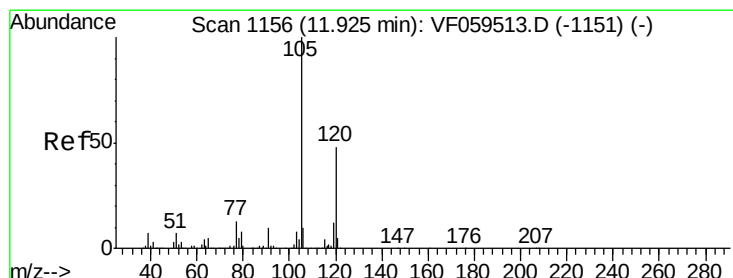
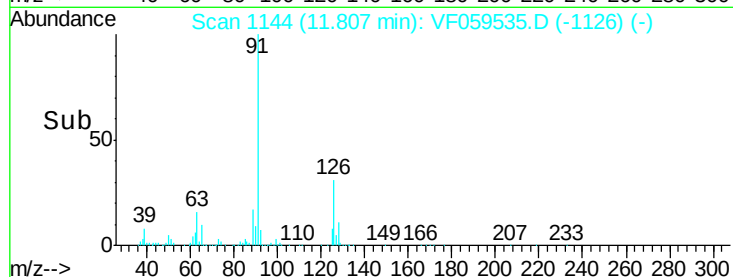
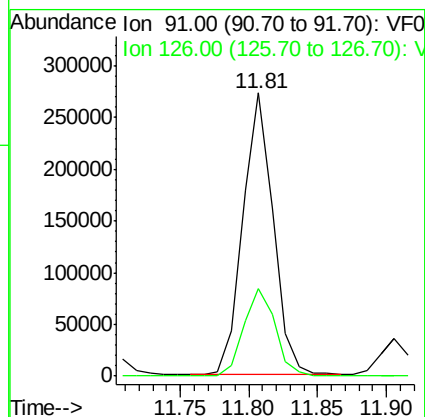
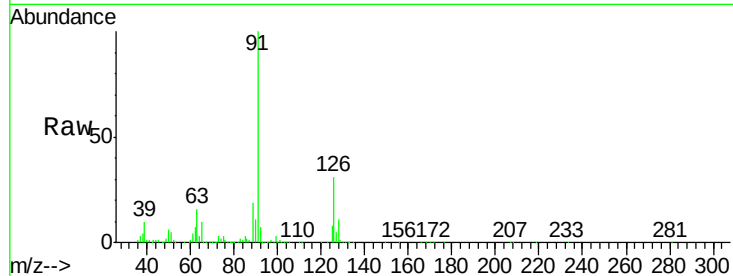
#79
 2-Chlorotoluene
 Concen: 51.68 ug/l
 RT: 11.81 min Scan# 1144
 Delta R.T. -0.02 min
 Lab File: VF059535.D
 Acq: 19 Jul 2018 1:50

Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-05-0-2MSD

Tot Ion: 91 Resp: 420225
 Ion Ratio Lower Upper
 91 100
 126 31.1 15.7 47.1

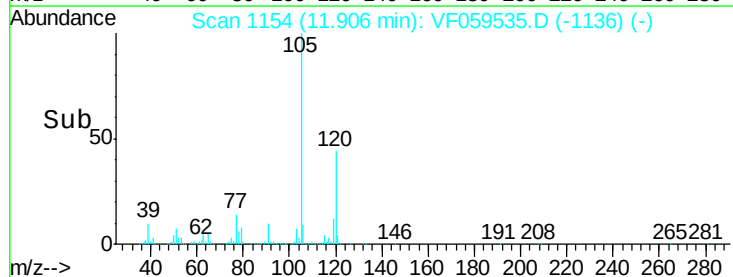
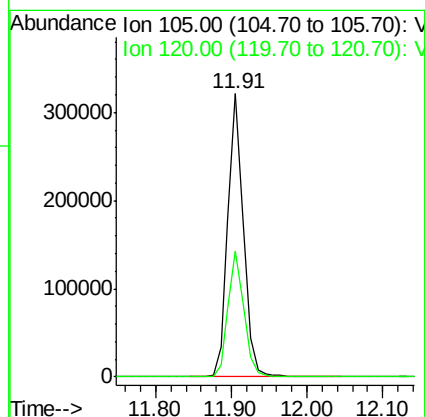
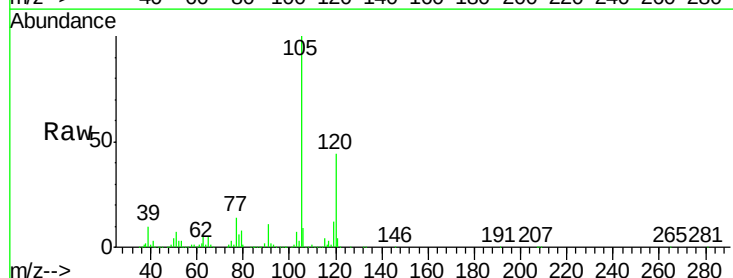
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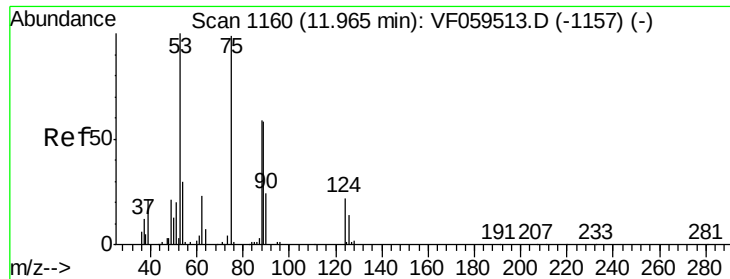
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#80
 1,3,5-Trimethylbenzene
 Concen: 47.72 ug/l
 RT: 11.91 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: VF059535.D
 Acq: 19 Jul 2018 1:50

Tgt Ion: 105 Resp: 460190
 Ion Ratio Lower Upper
 105 100
 120 44.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 61.47 ug/l m

RT: 11.95 min Scan# 1159

Delta R.T. -0.01 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

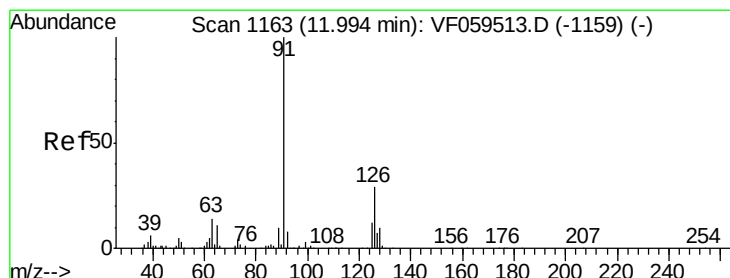
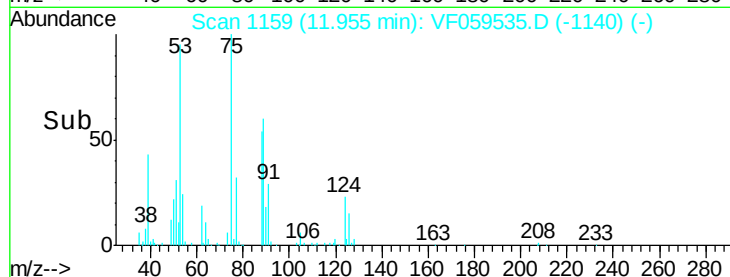
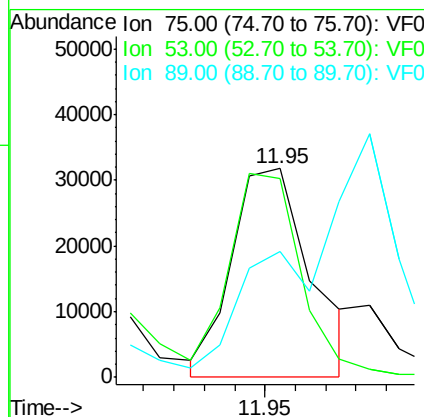
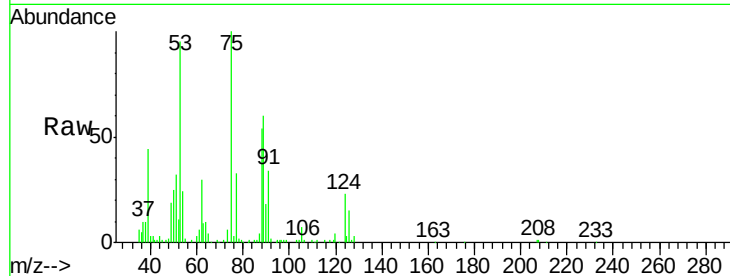
ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion:	75	Resp:	57563
Ion Ratio	Lower	Upper	
75	100		
53	95.0	84.6	127.0
89	60.1	48.2	72.4

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#82

4-Chlorotoluene

Concen: 49.28 ug/l

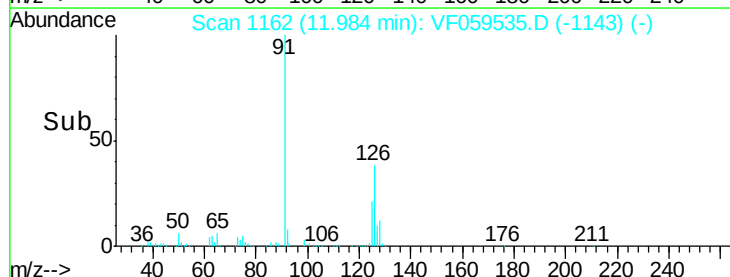
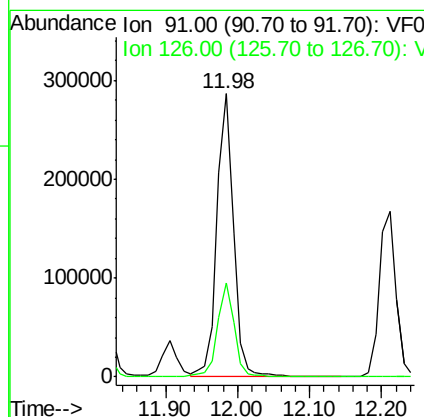
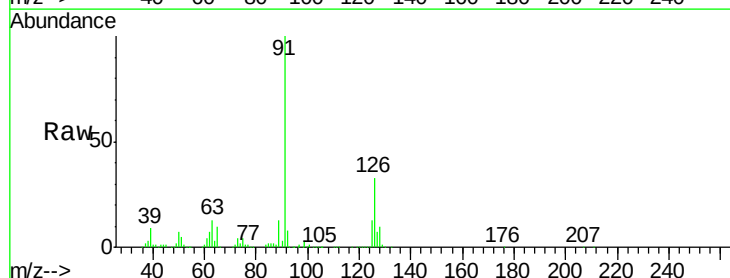
RT: 11.98 min Scan# 1162

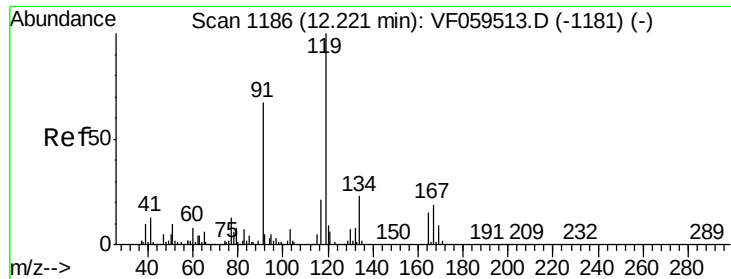
Delta R.T. -0.01 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Tgt Ion:	91	Resp:	448992
Ion Ratio	Lower	Upper	
91	100		
126	33.0	14.4	43.4





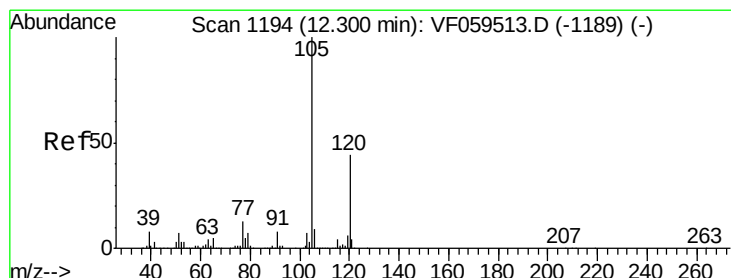
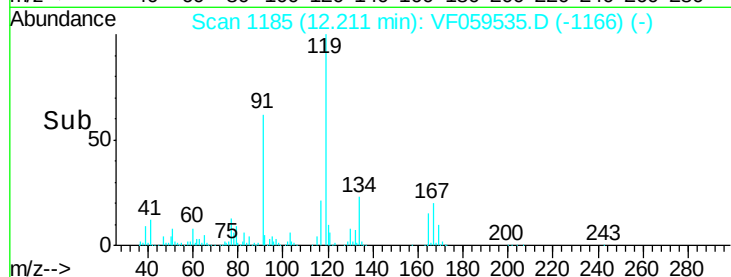
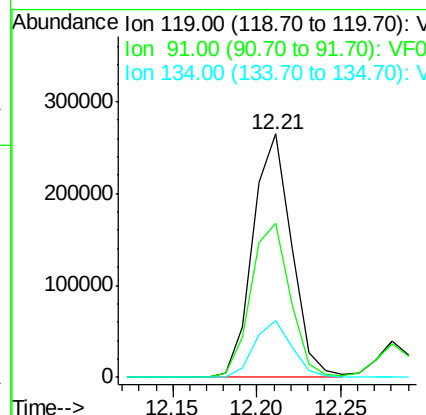
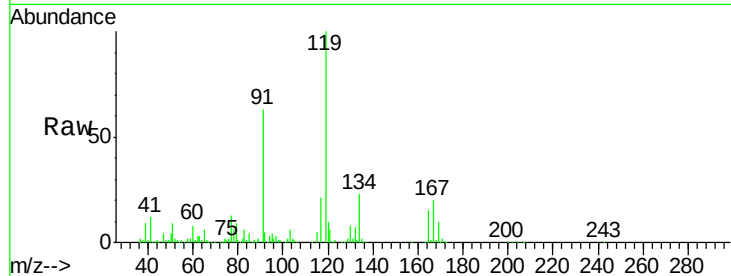
#83
 tert-Butylbenzene
 Concen: 45.61 ug/l
 RT: 12.21 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: VF059535.D
 Acq: 19 Jul 2018 1:50

Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-05-0-2MSD

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.2	33.5	100.5
134	23.4	11.3	33.8

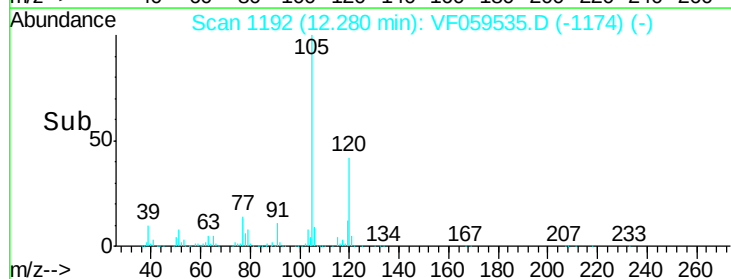
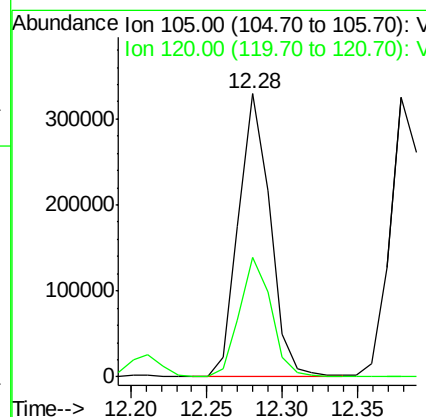
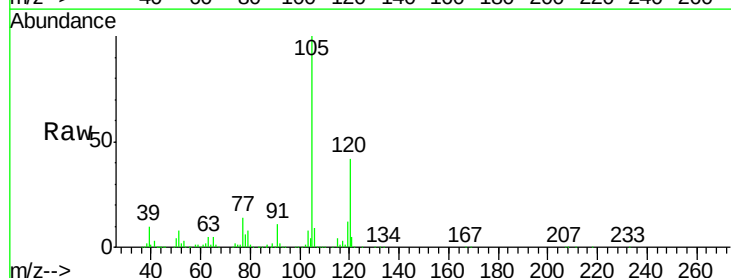
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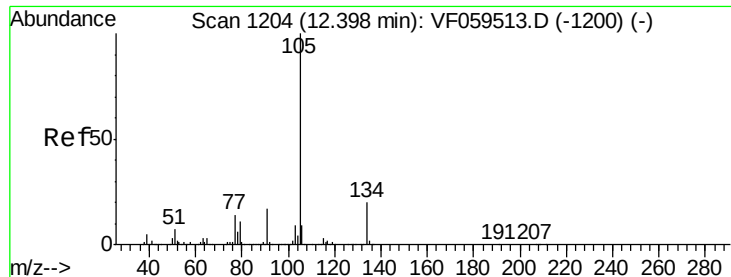
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.25 ug/l
 RT: 12.28 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: VF059535.D
 Acq: 19 Jul 2018 1:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.0	22.5	67.5





#85

sec-Butylbenzene

Concen: 41.65 ug/l

RT: 12.38 min Scan# 1202

Delta R.T. -0.02 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-05-0-2MSD

Tot Ion:105 Resp: 490248

Ion Ratio Lower Upper

105 100

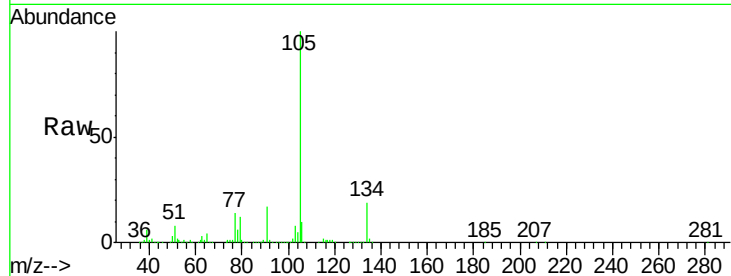
134 19.1 10.1 30.1

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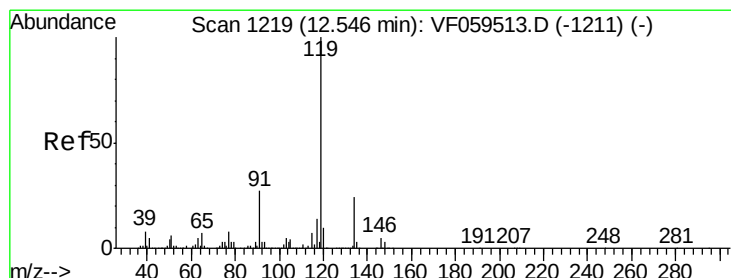
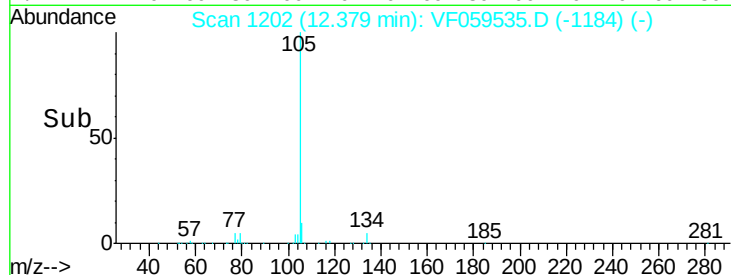
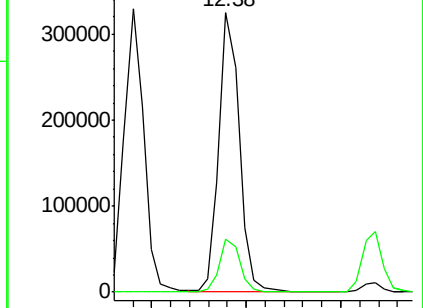
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 42.49 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VF059535.D

Acq: 19 Jul 2018 1:50

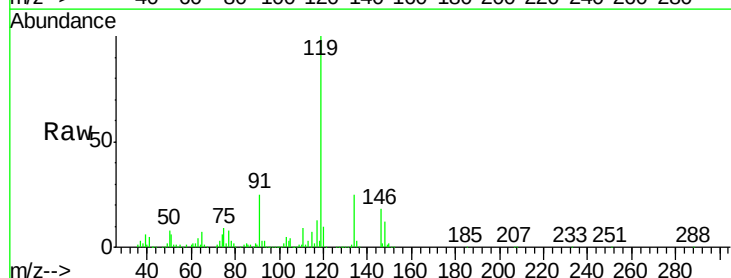
Tgt Ion:119 Resp: 435121

Ion Ratio Lower Upper

119 100

134 24.9 12.0 36.0

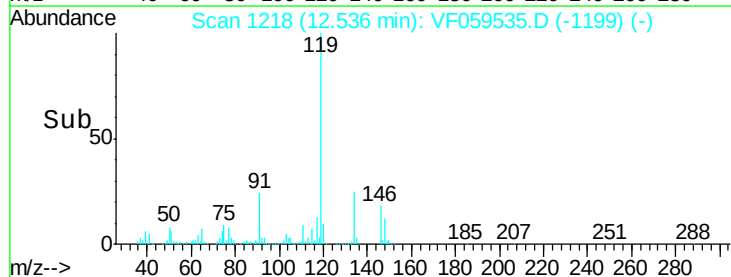
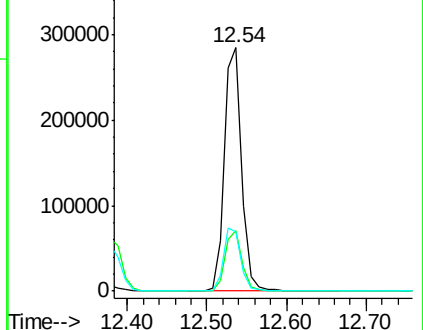
91 24.5 13.5 40.4

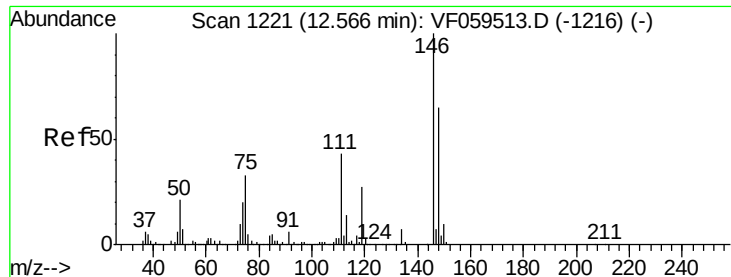


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0





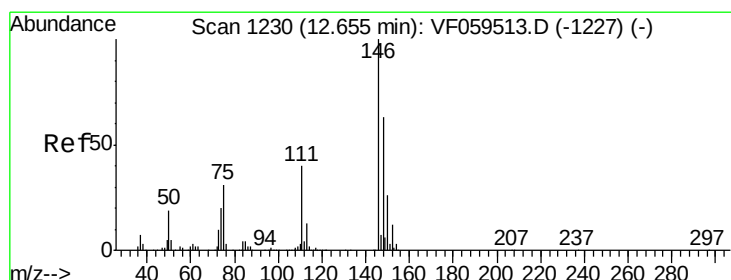
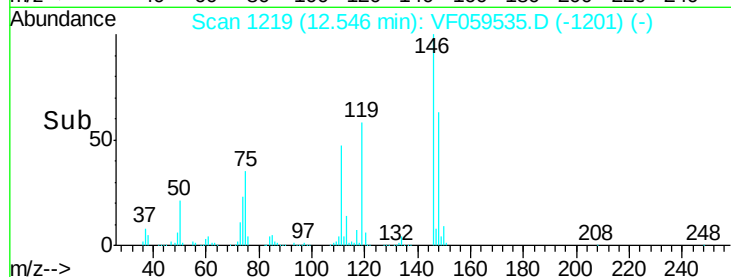
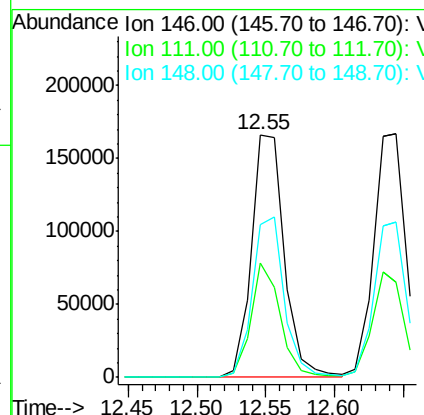
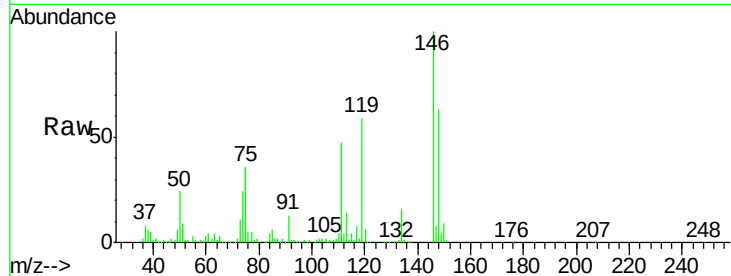
#87
 1,3-Dichlorobenzene
 Concen: 50.38 ug/l
 RT: 12.55 min Scan# 1219
 Delta R.T. -0.02 min
 Lab File: VF059535.D
 Acq: 19 Jul 2018 1:50

Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-05-0-2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.8	21.4	64.3
148	63.0	32.7	98.1

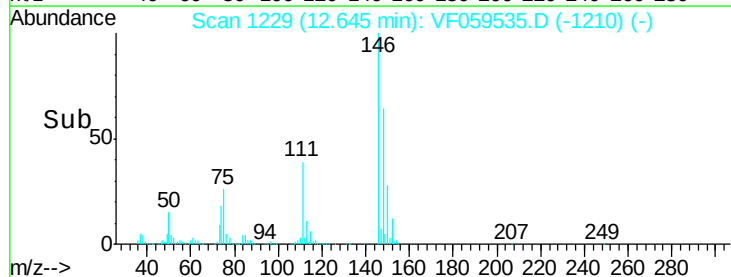
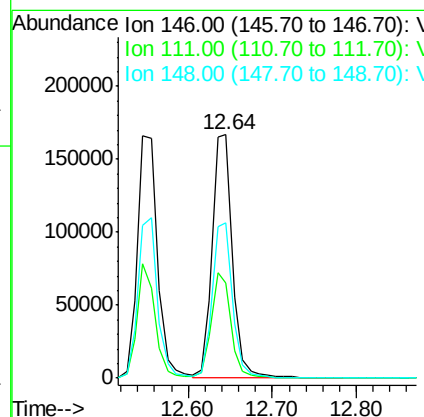
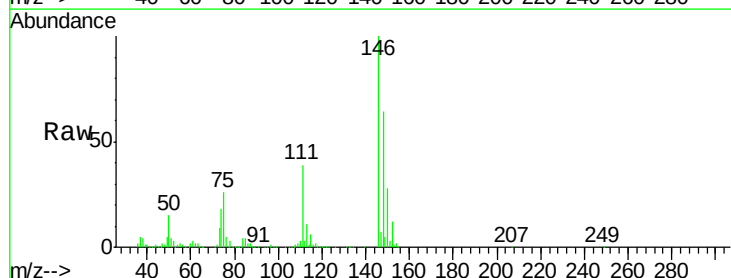
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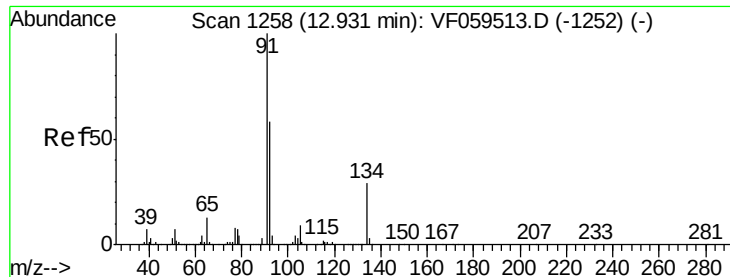
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#88
 1,4-Dichlorobenzene
 Concen: 51.17 ug/l
 RT: 12.64 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VF059535.D
 Acq: 19 Jul 2018 1:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.0	59.9
148	63.9	31.5	94.5





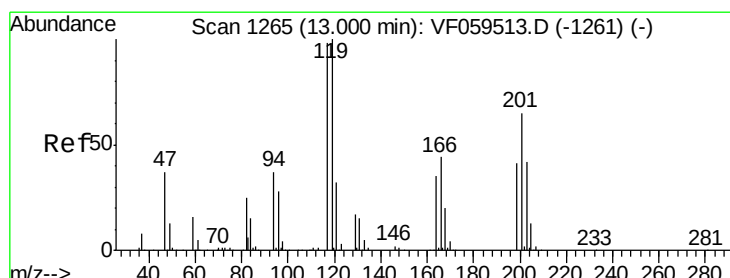
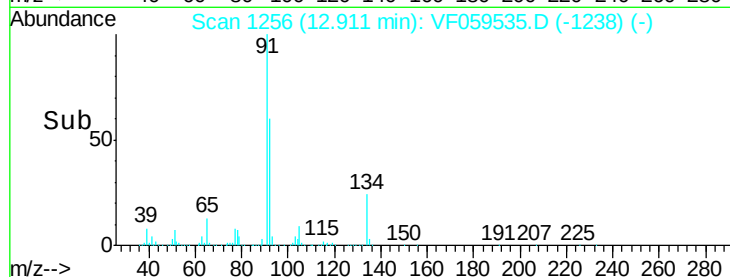
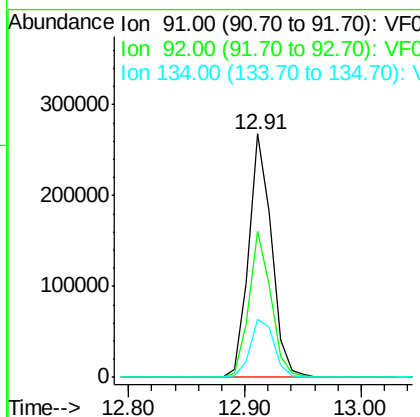
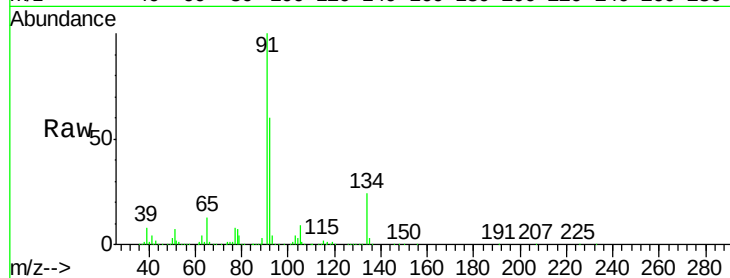
#89
n-Butylbenzene
Concen: 38.02 ug/l
RT: 12.91 min Scan# 1256
Delta R.T. -0.02 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Instrument :
MSVOA_F
ClientSampleId :
CON-SB-05-0-2MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	60.3	29.1	87.3
134	23.8	14.3	42.9

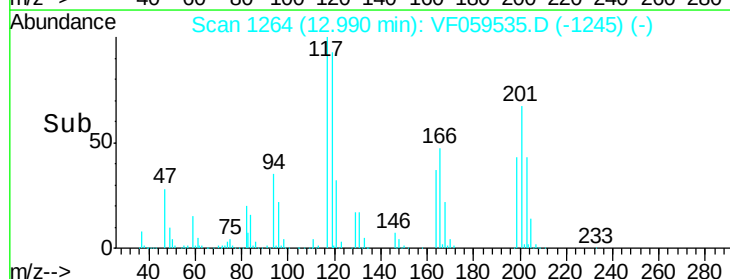
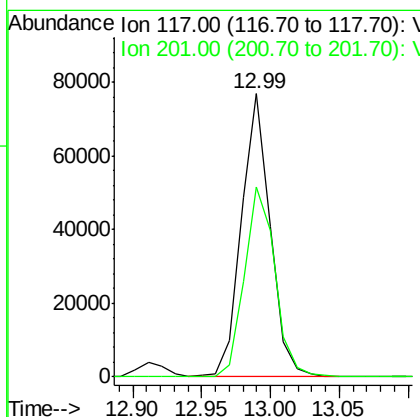
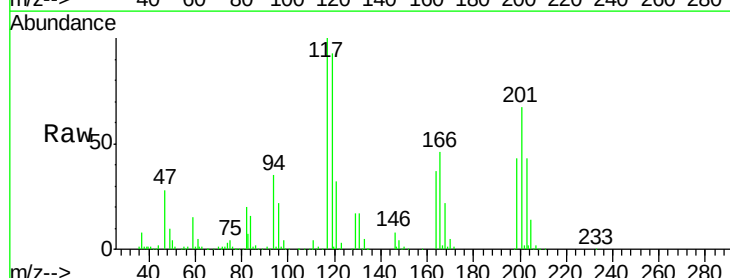
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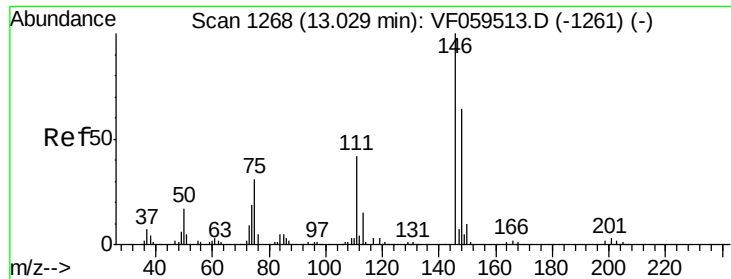
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#90
Hexachloroethane
Concen: 48.10 ug/l
RT: 12.99 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.1	32.6	98.0





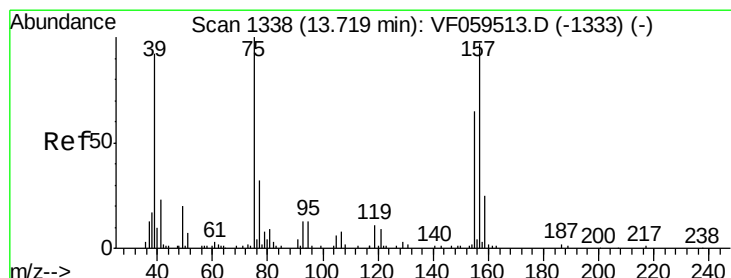
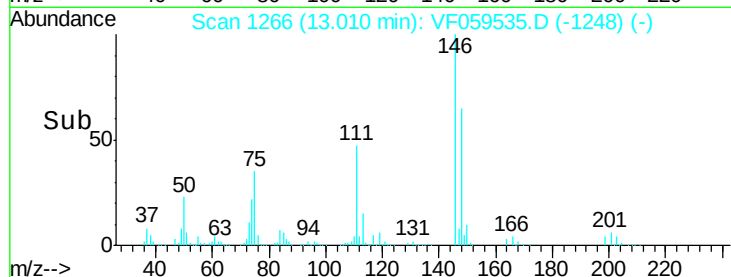
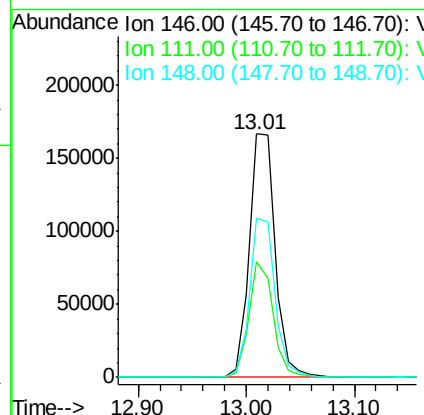
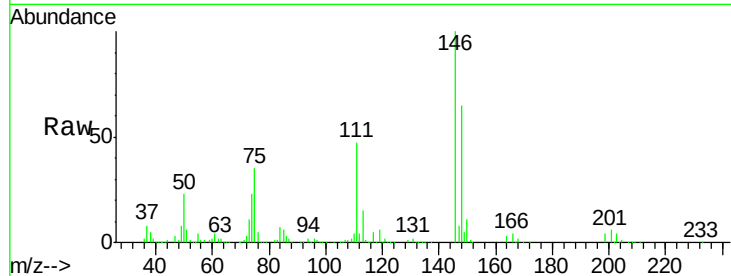
#91
 1,2-Dichlorobenzene
 Concen: 52.48 ug/l
 RT: 13.01 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: VF059535.D
 Acq: 19 Jul 2018 1:50

Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-05-0-2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.2	21.1	63.1
148	65.1	32.3	96.8

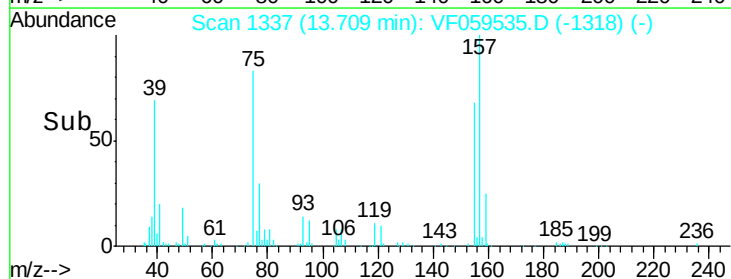
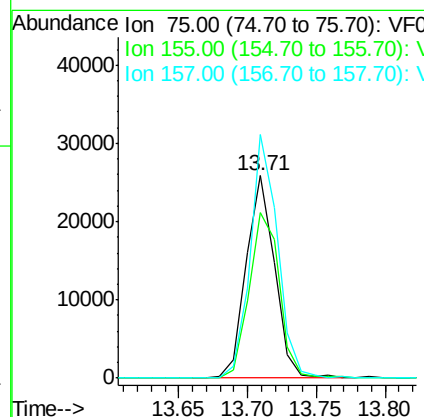
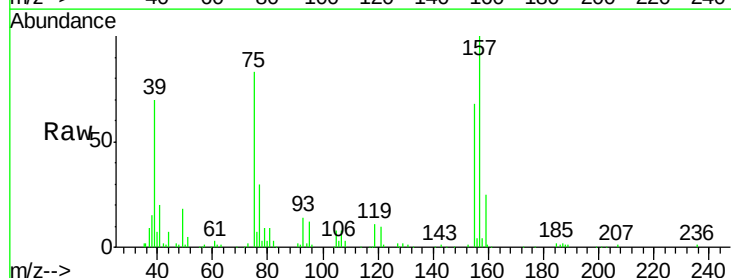
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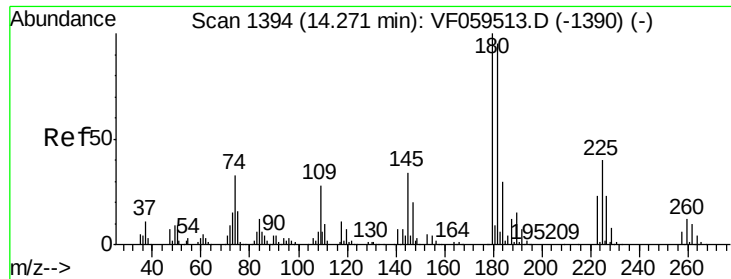
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 65.78 ug/l
 RT: 13.71 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: VF059535.D
 Acq: 19 Jul 2018 1:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.9	32.8	98.3
157	120.3	48.5	145.5





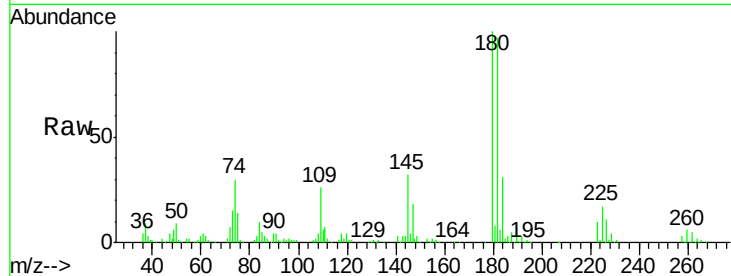
#93
 1,2,4-Trichlorobenzene
 Concen: 47.74 ug/l
 RT: 14.26 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: VF059535.D
 Acq: 19 Jul 2018 1:50

Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-05-0-2MSD

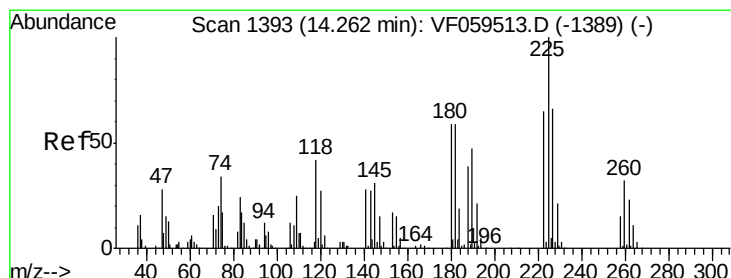
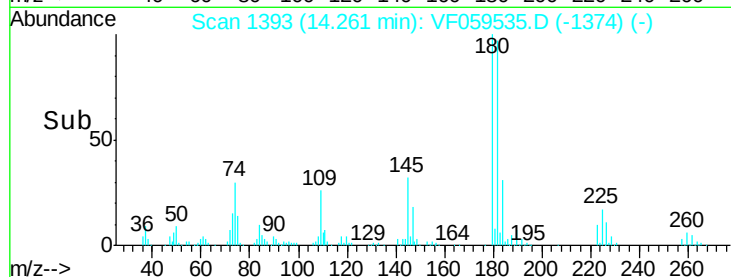
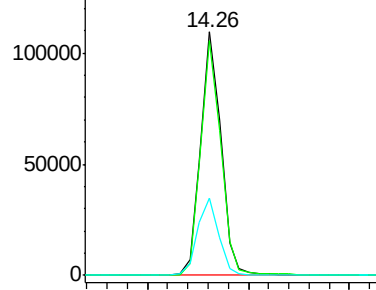
Tot Ion	Ratio	Resp	Lower	Upper
180	100	153541		
182	96.5	47.5	142.5	
145	31.9	17.3	51.7	

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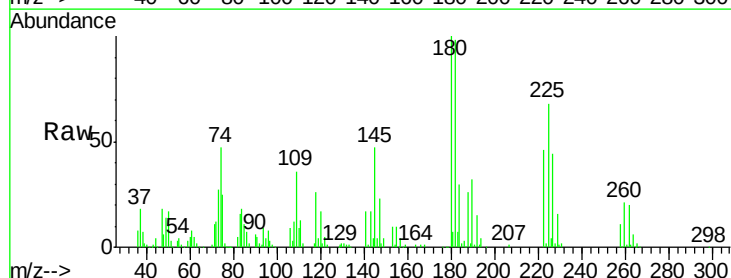


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

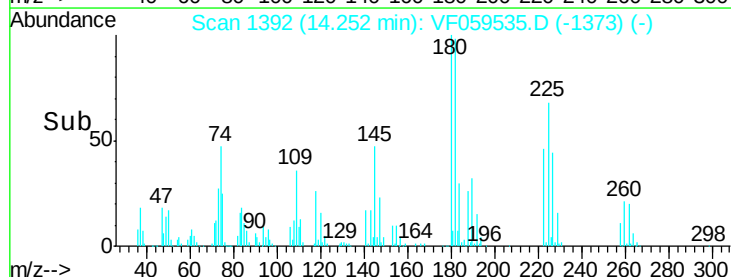
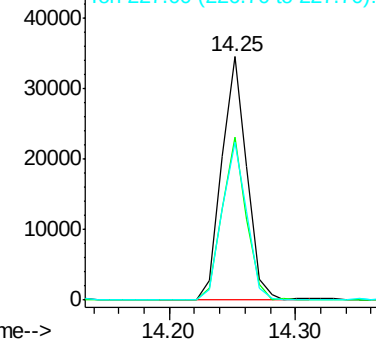


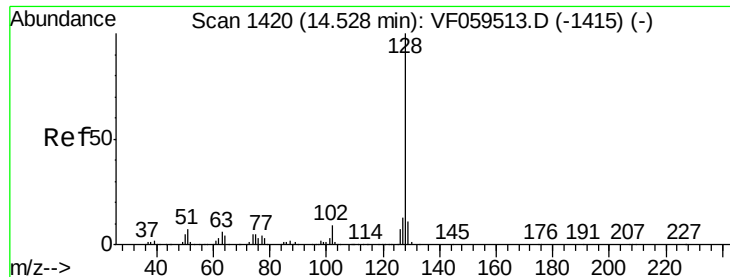
#94
 Hexachlorobutadiene
 Concen: 29.04 ug/l
 RT: 14.25 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: VF059535.D
 Acq: 19 Jul 2018 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	47854		
223	67.0	32.3	96.8	
227	64.6	33.2	99.6	



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





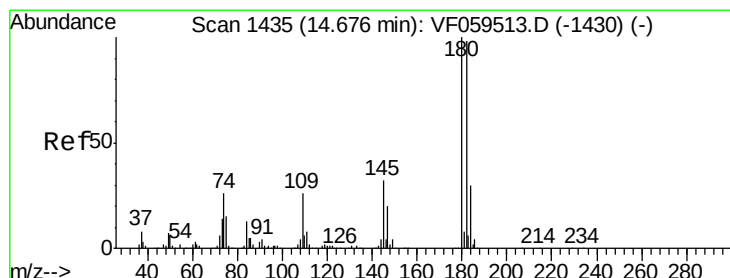
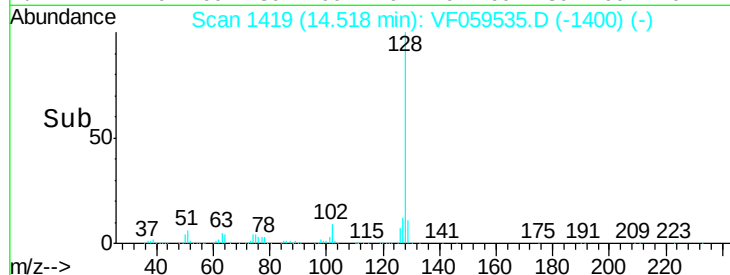
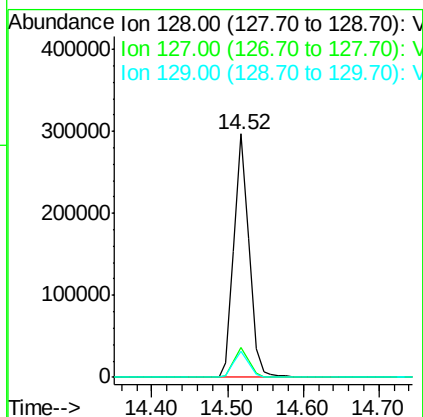
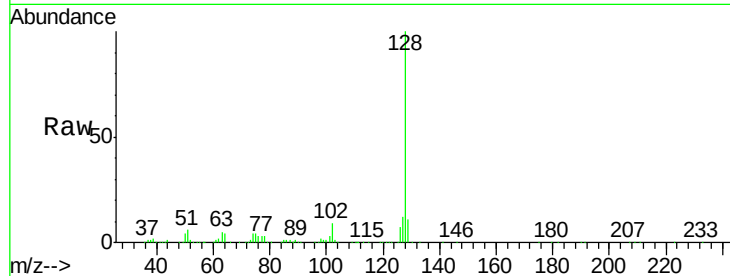
#95
Naphthalene
Concen: 61.51 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. -0.01 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Instrument :
MSVOA_F
ClientSampleId :
CON-SB-05-0-2MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	10.7	9.0	13.4

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 51.45 ug/l
RT: 14.67 min Scan# 1434
Delta R.T. -0.01 min
Lab File: VF059535.D
Acq: 19 Jul 2018 1:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.8	146.4
145	29.2	16.2	48.6

