

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070218\
 Data File : VU025178.D
 Acq On : 03 Jul 2018 06:40
 Operator : MD/SY
 Sample : J3809-15MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

Manual Integrations
 APPROVED

sam
 7/3/2018 3:53:07 PM

Quant Time: Jul 03 08:14:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	154628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	243367	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	240292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	158095	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	126105	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	4.89	113	104198	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
50) Toluene-d8	7.57	98	338957	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
62) 4-Bromofluorobenzene	10.31	95	151636	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	82803	42.78	ug/l	99
3) Chloromethane	1.33	50	90948	45.99	ug/l	98
4) Vinyl Chloride	1.40	62	98788	48.44	ug/l	99
5) Bromomethane	1.61	94	54246	55.03	ug/l	99
6) Chloroethane	1.69	64	66168	58.24	ug/l	100
7) Trichlorofluoromethane	1.88	101	155241	49.88	ug/l	98
8) Diethyl Ether	2.10	74	62088	58.96	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.28	101	91052	47.16	ug/l	96
10) Methyl Iodide	2.41	142	107762	64.27	ug/l	97
11) Tert butyl alcohol	2.83	59	199502	324.95	ug/l	100
12) 1,1-Dichloroethene	2.28	96	89519	50.84	ug/l	96
13) Acrolein	2.19	56	46463	144.12	ug/l #	42
14) Allyl chloride	2.59	41	142430	43.57	ug/l	97
15) Acrylonitrile	2.93	53	339655	284.35	ug/l	99
16) Acetone	2.32	43	370359	273.06	ug/l	97
17) Carbon Disulfide	2.47	76	241844	42.90	ug/l	99
18) Methyl Acetate	2.62	43	176716	60.78	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	441725	66.74	ug/l #	80
20) Methylene Chloride	2.70	84	109852	51.62	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	101460	52.32	ug/l	99
22) Diisopropyl ether	3.57	45	357483	55.16	ug/l	98
23) Vinyl Acetate	3.53	43	1322497	227.81	ug/l	99
24) 1,1-Dichloroethane	3.45	63	201007	53.92	ug/l	99
25) 2-Butanone	4.26	43	530327	291.09	ug/l	99
26) 2,2-Dichloropropane	4.23	77	92164	26.04	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	120870	54.22	ug/l	95
28) Bromochloromethane	4.55	49	75341	45.88	ug/l	84
29) Tetrahydrofuran	4.64	42	316876	280.87	ug/l	96
30) Chloroform	4.68	83	217854	57.73	ug/l	100
31) Cyclohexane	5.00	56	243266	74.45	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	191694	54.94	ug/l	96
36) 1,1-Dichloropropene	5.14	75	150382	52.59	ug/l	97
37) Ethyl Acetate	4.38	43	157826	50.64	ug/l	97
38) Carbon Tetrachloride	5.14	117	170237	54.13	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	295650	82.84	ug/l	98
40) Benzene	5.39	78	1349555	165.62	ug/l	100
41) Methacrylonitrile	4.55	41	100810	59.99	ug/l	98
42) 1,2-Dichloroethane	5.41	62	191145	61.59	ug/l	99
43) Isopropyl Acetate	5.55	43	308975	57.35	ug/l	97
44) Trichloroethene	6.19	130	122981	53.03	ug/l	99
45) 1,2-Dichloropropane	6.44	63	121440	55.85	ug/l	98
46) Dibromomethane	6.56	93	87673	57.41	ug/l	93
47) Bromodichloromethane	6.76	83	167870	55.20	ug/l	99
48) Methyl methacrylate	6.63	41	179639	68.47	ug/l	95
49) 1,4-Dioxane	6.62	88	71277	1389.25	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	986639	291.49	ug/l	98
52) Toluene	7.64	92	597612	113.99	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	171015	50.07	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	173505	47.68	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	190033	89.17	ug/l	89
56) Ethyl methacrylate	8.02	69	212372	59.54	ug/l	92
57) 1,3-Dichloropropane	8.25	76	206853	57.54	ug/l	98
59) 2-Hexanone	8.36	43	822334	297.58	ug/l	99
60) Dibromochloromethane	8.48	129	138445	52.10	ug/l	99
61) 1,2-Dibromoethane	8.59	107	136646	57.61	ug/l	99
64) Tetrachloroethene	8.23	164	109110	47.77	ug/l	99
65) Chlorobenzene	9.12	112	338311	55.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	123129	52.80	ug/l	96
67) Ethyl Benzene	9.26	91	12026942	1117.60	ug/l	95
68) m/p-Xylenes	9.39	106	4929269	1192.84	ug/l	94
69) o-Xylene	9.78	106	350570	85.72	ug/l	96
70) Styrene	9.80	104	374245	55.69	ug/l	94
71) Bromoform	9.96	173	110023	49.63	ug/l #	99
73) Isopropylbenzene	10.17	105	1339015	110.32	ug/l	99
74) N-amyl acetate	10.01	43	264304	45.78	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	10.46	83	216696	53.28	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	175809m	50.51	ug/l	
77) Bromobenzene	10.45	156	162201	52.78	ug/l	94
78) n-propylbenzene	10.59	91	2879420	201.38	ug/l	97
79) 2-Chlorotoluene	10.66	91	465404	55.20	ug/l	95
80) 1,3,5-Trimethylbenzene	10.78	105	600055	57.04	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	62483m	41.55	ug/l	
82) 4-Chlorotoluene	10.78	91	495364	50.48	ug/l	100
83) tert-Butylbenzene	11.11	119	499078	49.32	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	17151481m	1599.76	ug/l	
85) sec-Butylbenzene	11.33	105	756923	59.75	ug/l	98
86) p-Isopropyltoluene	11.48	119	654848	57.72	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	299067	52.68	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	304492	53.29	ug/l	99
89) n-Butylbenzene	11.89	91	681245m	67.64	ug/l	
90) Hexachloroethane	12.15	117	244225	110.35	ug/l #	44
91) 1,2-Dichlorobenzene	11.88	146	312747	55.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	71723	63.91	ug/l	92
93) 1,2,4-Trichlorobenzene	13.51	180	212118	60.41	ug/l	96

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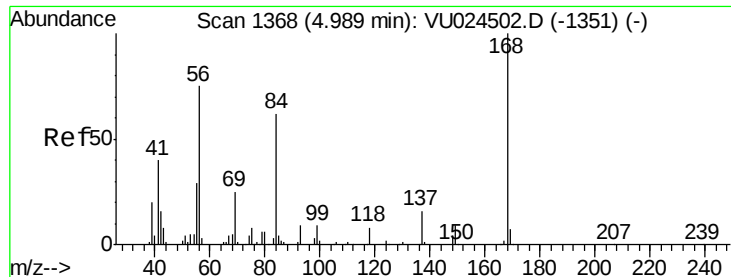
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	71372	36.11	ug/l	100
95) Naphthalene	13.75	128	2678028	227.92	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	219757	62.81	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

Tot Ion:168 Resp: 154628

Ion Ratio Lower Upper

168 100

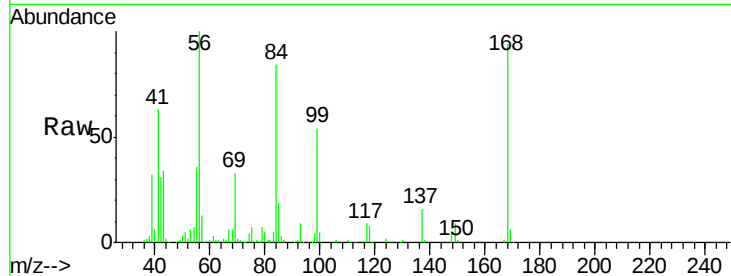
99 57.2 43.2 64.8

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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.99

60000

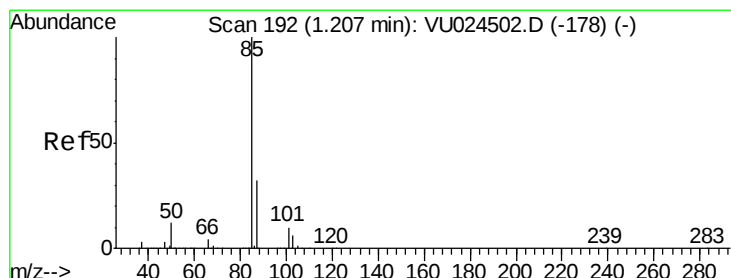
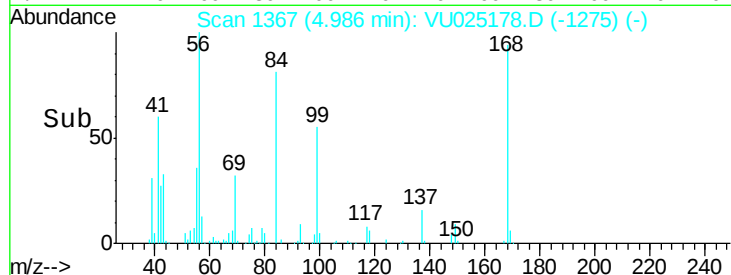
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 42.78 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025178.D

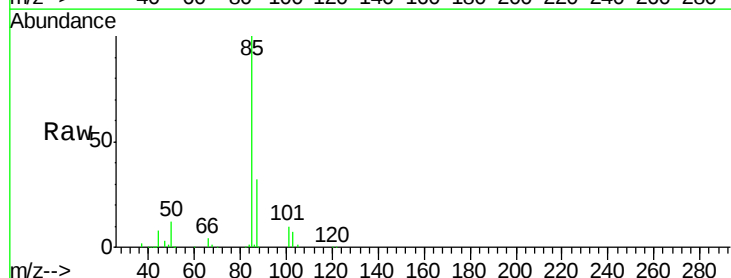
Acq: 03 Jul 2018 06:40

Tgt Ion: 85 Resp: 82803

Ion Ratio Lower Upper

85 100

87 31.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024502.D (-178) (-)

Ion 86.90 (86.60 to 87.60): VU024502.D (-178) (-)

1.20

80000

60000

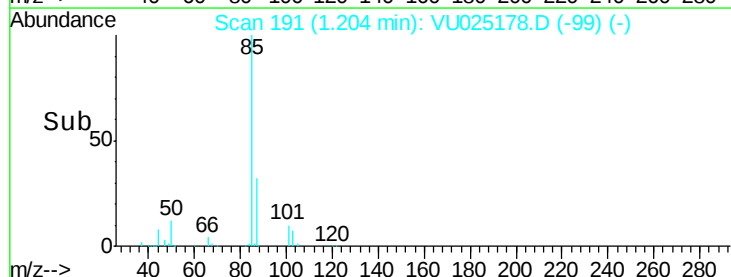
40000

20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 45.99 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

Tot Ion: 50 Resp: 90948

Ion Ratio Lower Upper

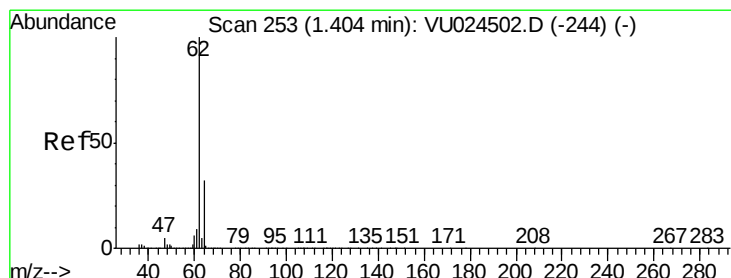
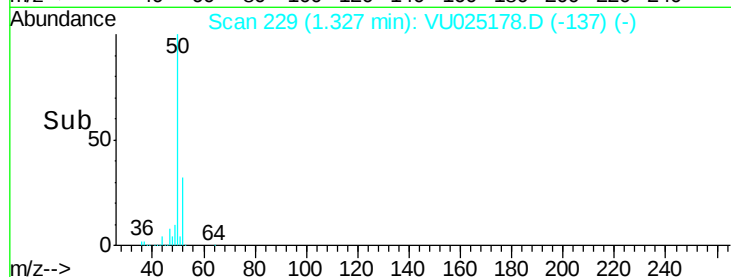
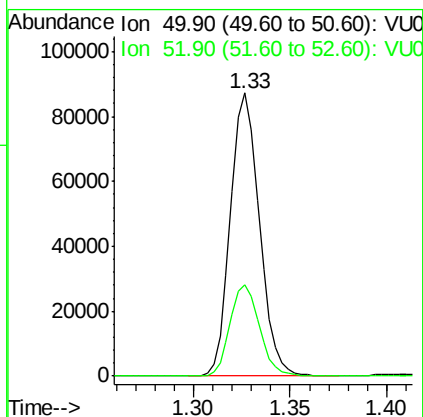
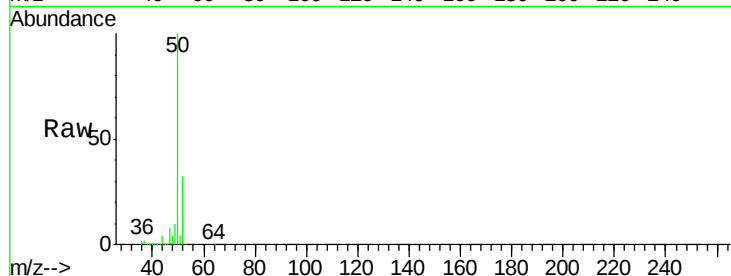
50 100

52 32.1 26.4 39.6

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#4

Vinyl Chloride

Concen: 48.44 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU025178.D

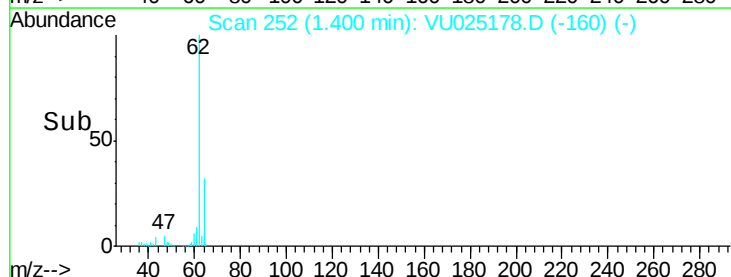
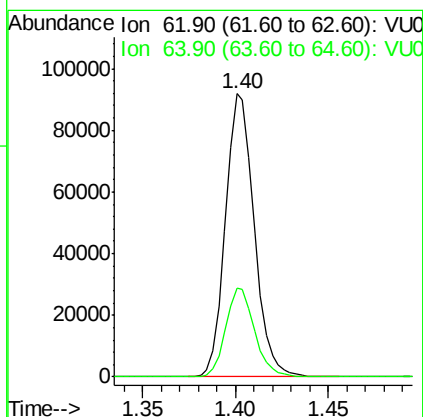
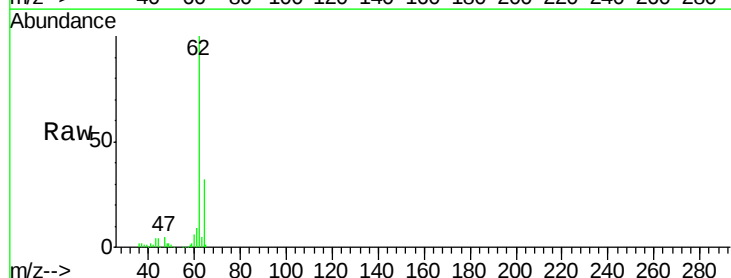
Acq: 03 Jul 2018 06:40

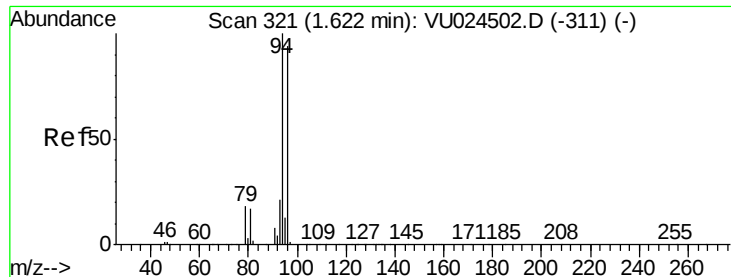
Tgt Ion: 62 Resp: 98788

Ion Ratio Lower Upper

62 100

64 31.4 24.8 37.2





#5

Bromomethane

Concen: 55.03 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

Tot Ion: 94 Resp: 54246

Ion Ratio Lower Upper

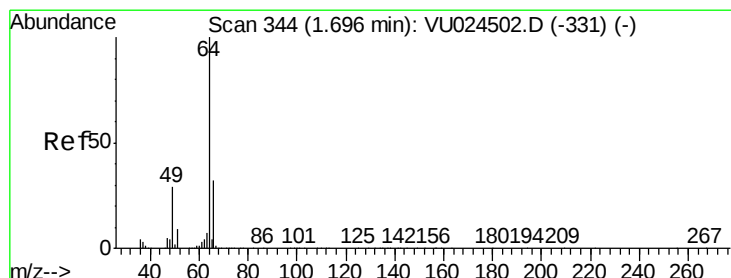
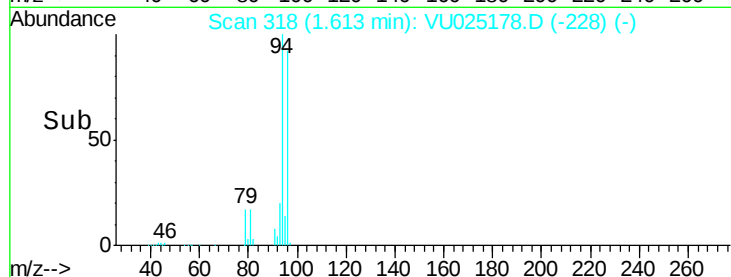
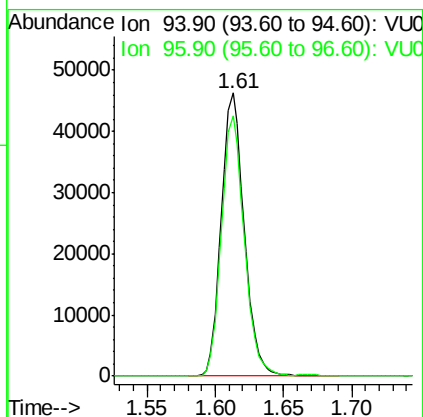
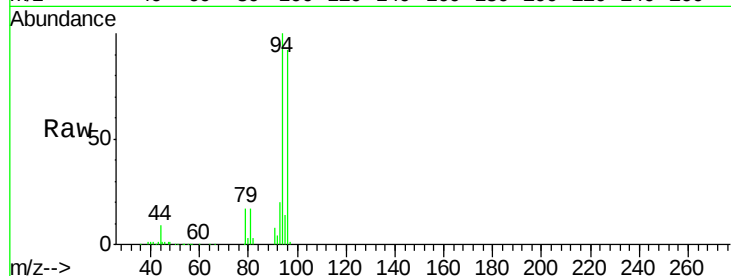
94 100

96 91.9 74.5 111.7

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#6

Chloroethane

Concen: 58.24 ug/l

RT: 1.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU025178.D

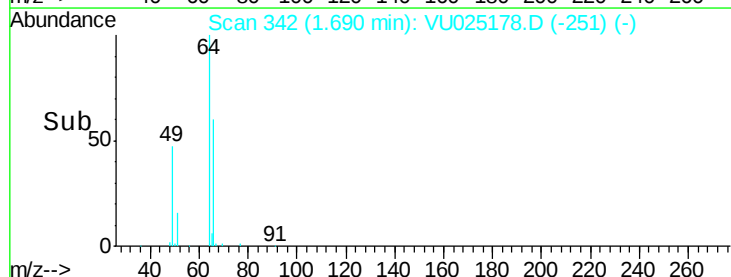
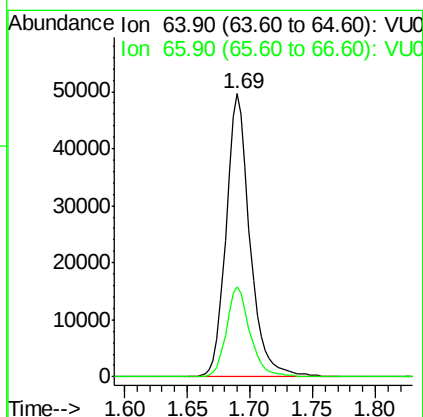
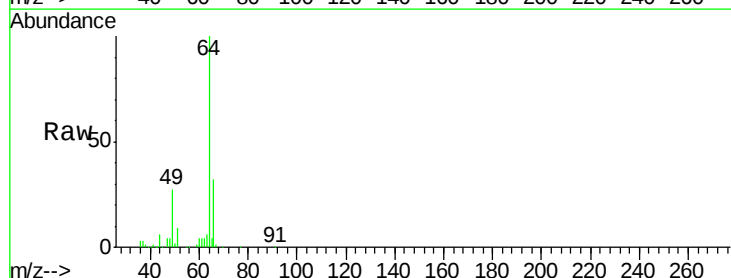
Acq: 03 Jul 2018 06:40

Tgt Ion: 64 Resp: 66168

Ion Ratio Lower Upper

64 100

66 32.0 25.5 38.3





#7

Trichlorofluoromethane

Concen: 49.88 ug/l

RT: 1.88 min Scan# 402

Delta R.T. -0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

Tot Ion:101 Resp: 155241

Ion Ratio Lower Upper

101 100

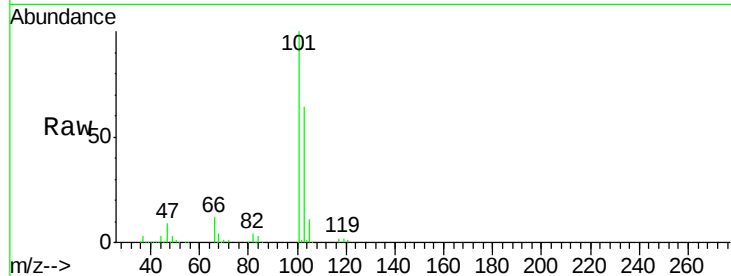
103 63.6 52.3 78.5

Manual Integrations

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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

120000

100000

80000

60000

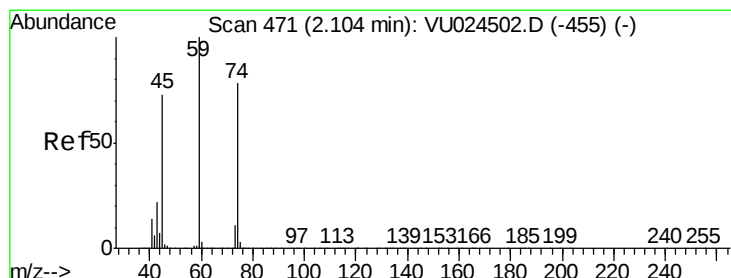
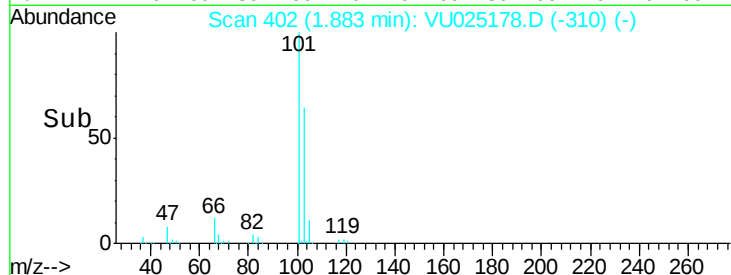
40000

20000

0

1.80 1.85 1.90 1.95 2.00

Time-->



#8

Diethyl Ether

Concen: 58.96 ug/l

RT: 2.10 min Scan# 470

Delta R.T. -0.00 min

Lab File: VU025178.D

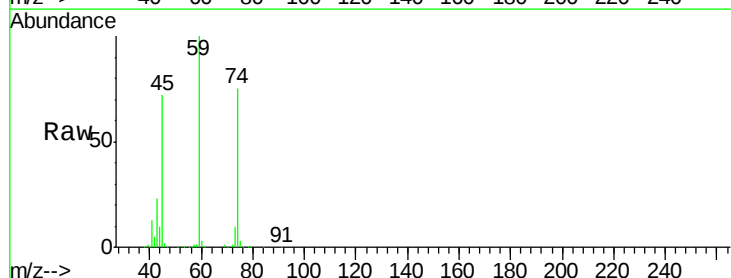
Acq: 03 Jul 2018 06:40

Tgt Ion: 74 Resp: 62088

Ion Ratio Lower Upper

74 100

45 98.1 55.0 165.0



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

50000

40000

30000

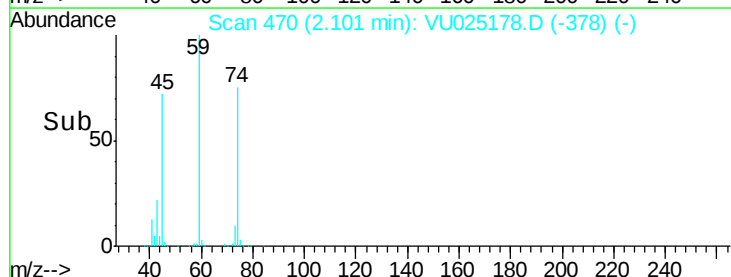
20000

10000

0

2.05 2.10 2.15 2.20

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.16 ug/l

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

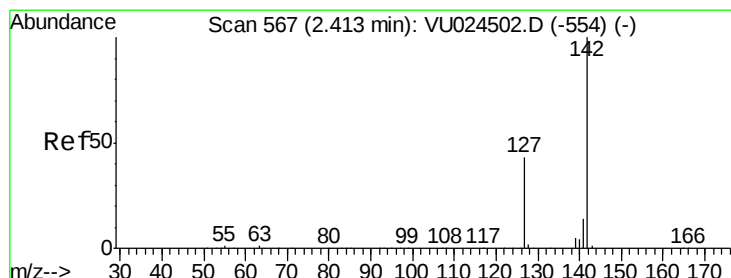
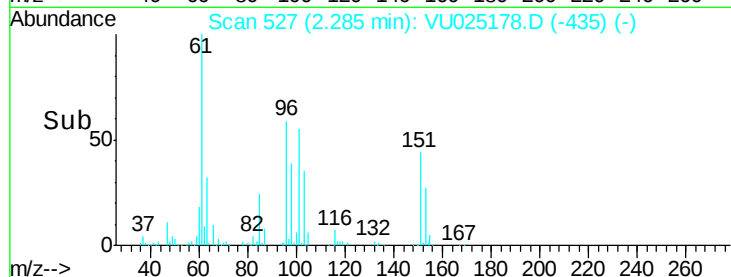
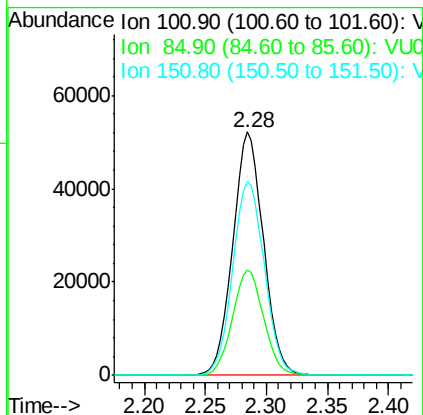
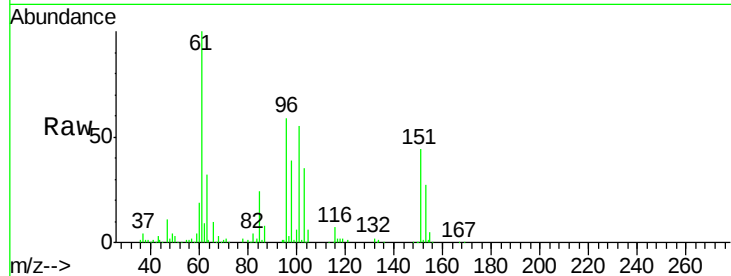
ClientSampleId :

MW-1-062818MS

Tot Ion:	101	Resp:	91052
Ion Ratio	Lower	Upper	
101	100		
85	44.0	36.0	54.0
151	82.6	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 64.27 ug/l

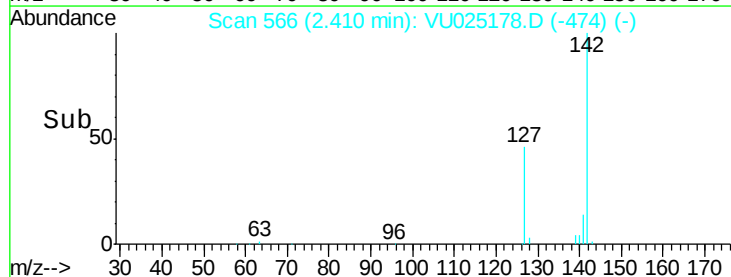
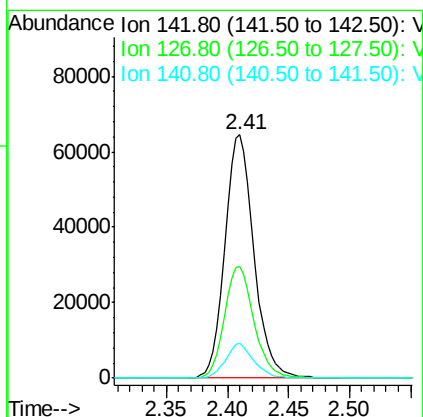
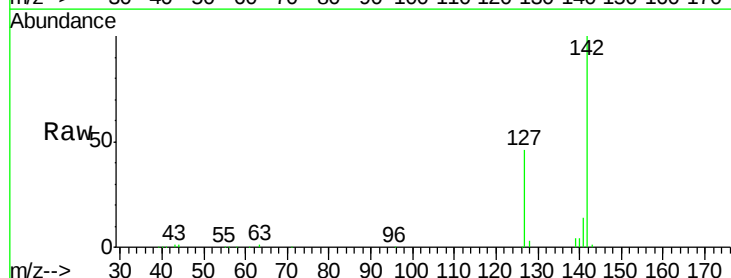
RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Tgt Ion:	142	Resp:	107762
Ion Ratio	Lower	Upper	
142	100		
127	46.5	35.6	53.4
141	13.9	11.7	17.5





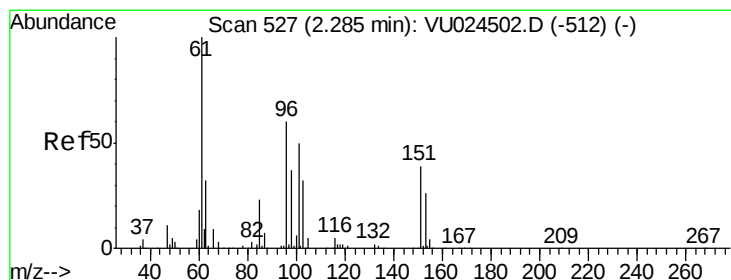
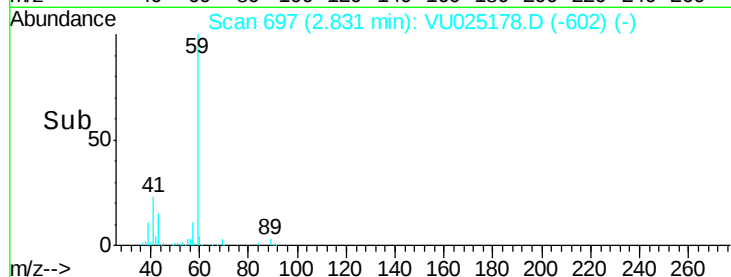
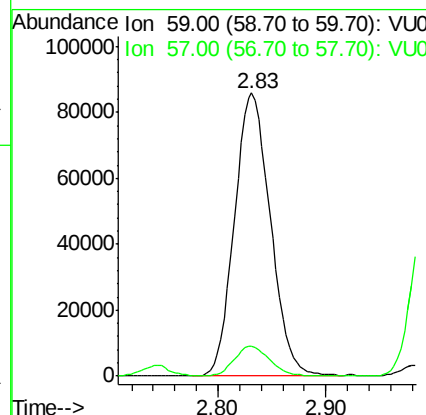
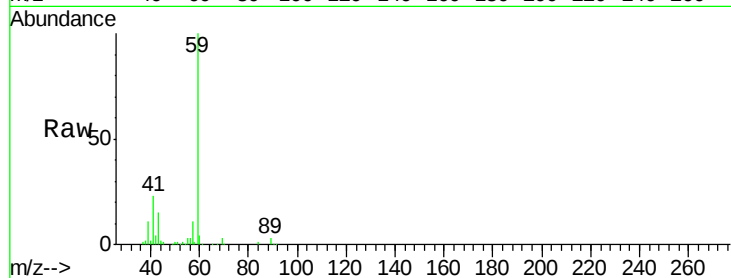
#11
Tert butyl alcohol
Concen: 324.95 ug/l
RT: 2.83 min Scan# 697
Delta R.T. 0.01 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.5	12.7

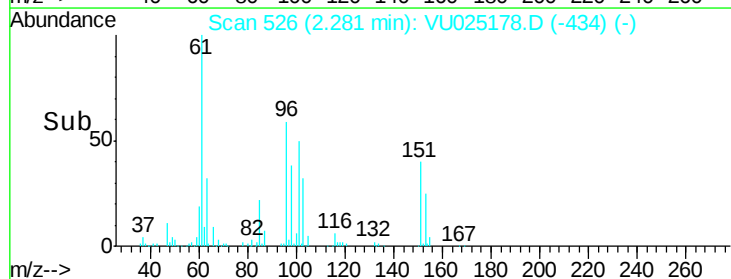
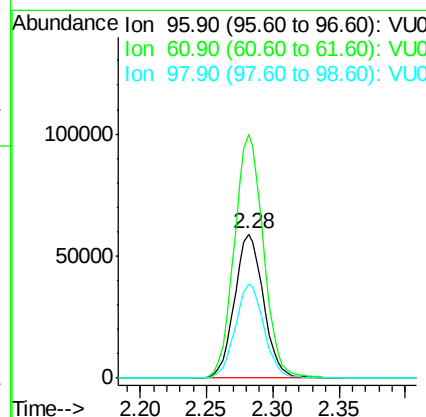
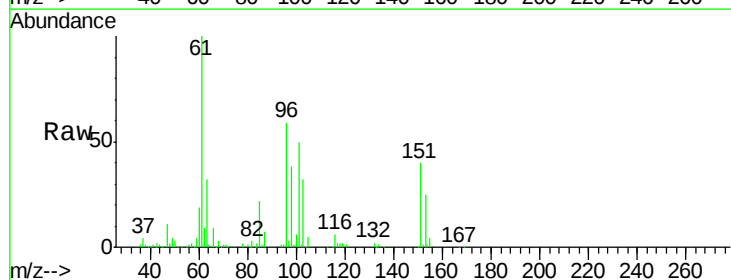
Manual Integrations
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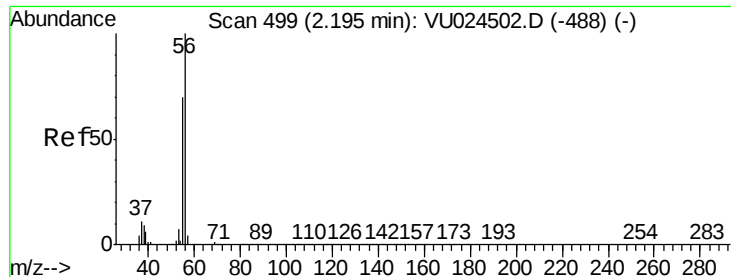
sam
7/3/2018 3:53:07 PM



#12
1,1-Dichloroethene
Concen: 50.84 ug/l
RT: 2.28 min Scan# 526
Delta R.T. -0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.4	141.7	212.5
98	65.1	51.6	77.4





#13

Acrolein

Concen: 144.12 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

Tot Ion: 56 Resp: 46463

Ion Ratio Lower Upper

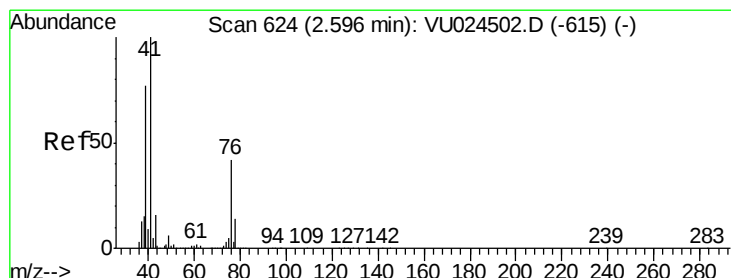
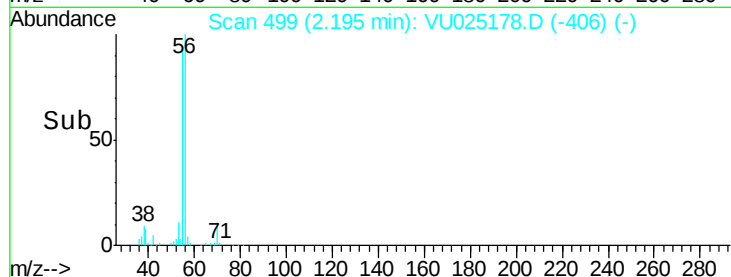
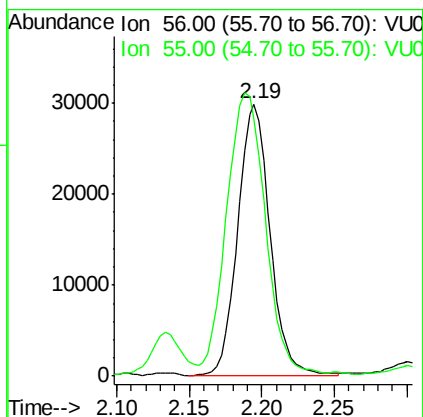
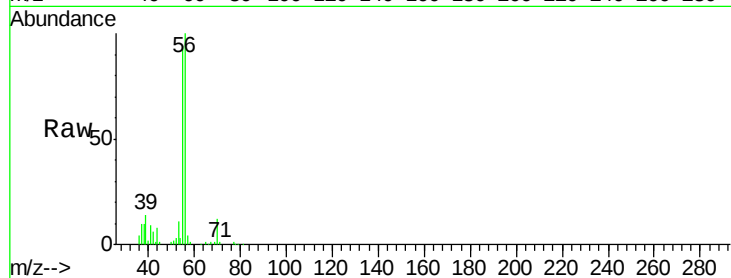
56 100

55 121.6 58.4 87.6#

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#14

Allyl chloride

Concen: 43.57 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

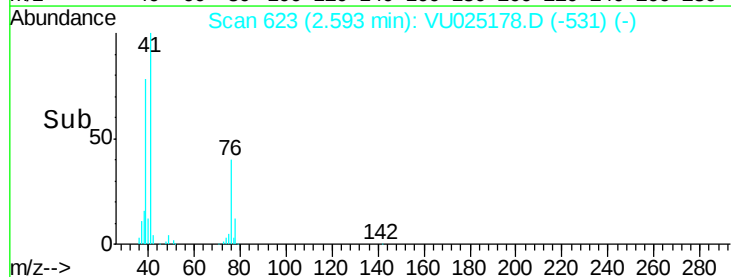
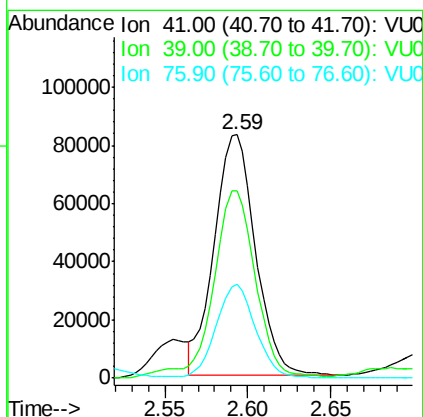
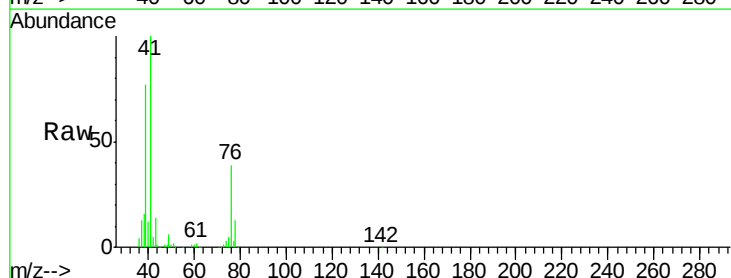
Tgt Ion: 41 Resp: 142430

Ion Ratio Lower Upper

41 100

39 79.8 61.6 92.4

76 37.8 29.7 44.5





#15

Acrylonitrile

Concen: 284.35 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

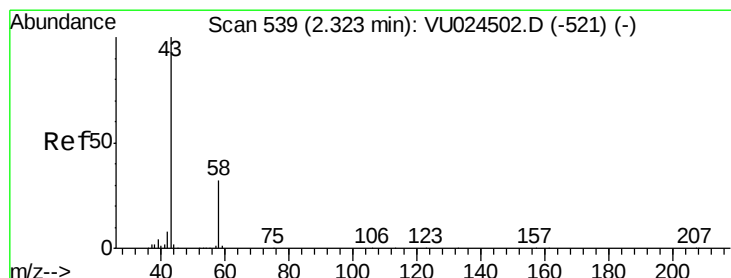
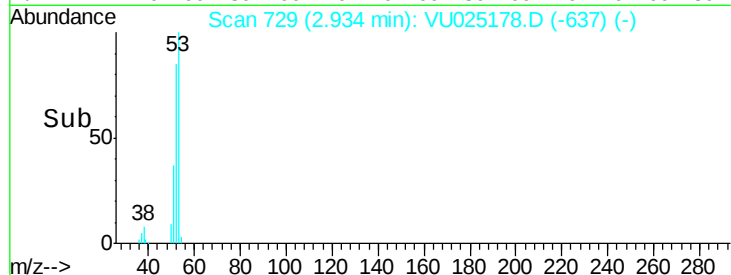
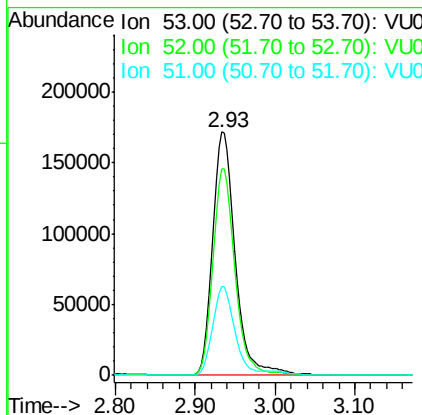
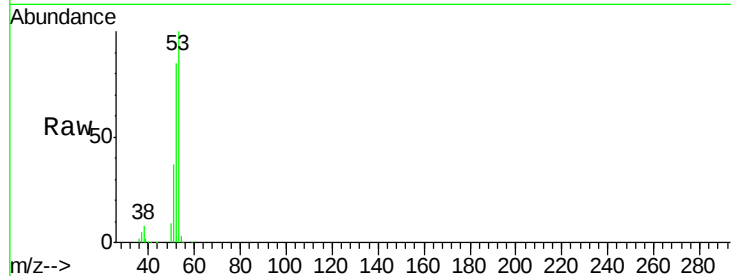
ClientSampleId :

MW-1-062818MS

Tot Ion:	53	Resp:	339655
Ion	Ratio	Lower	Upper
53	100		
52	82.8	67.1	100.7
51	35.2	28.4	42.6

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#16

Acetone

Concen: 273.06 ug/l

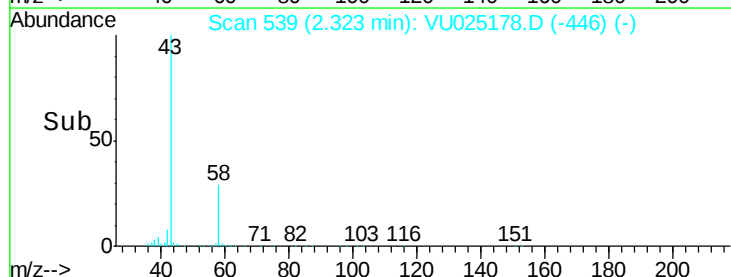
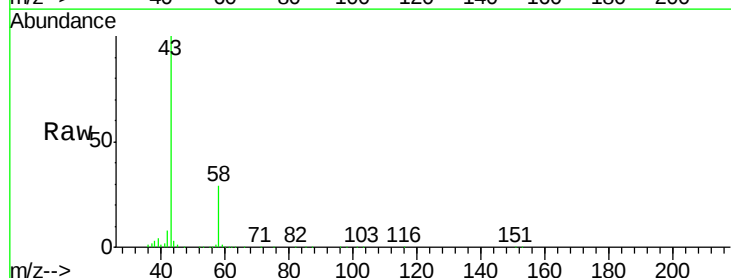
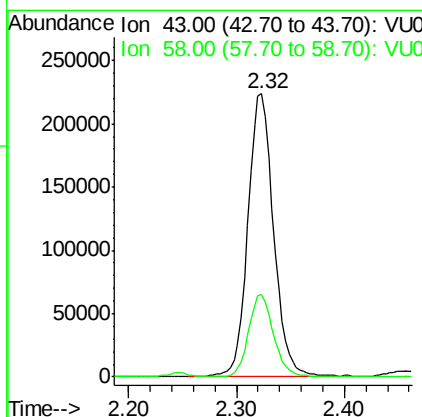
RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Tgt Ion:	43	Resp:	370359
Ion	Ratio	Lower	Upper
43	100		
58	28.9	24.4	36.6





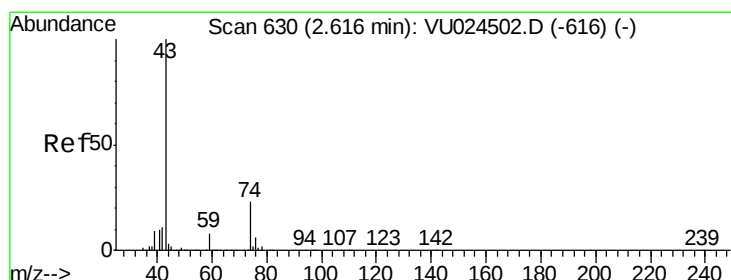
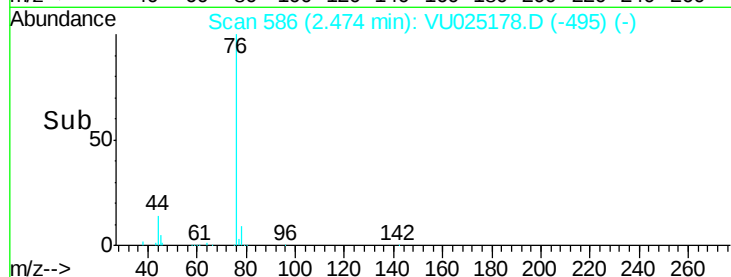
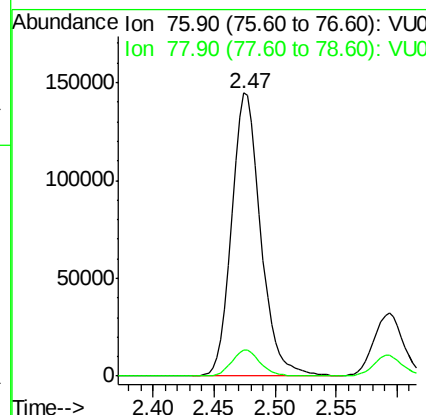
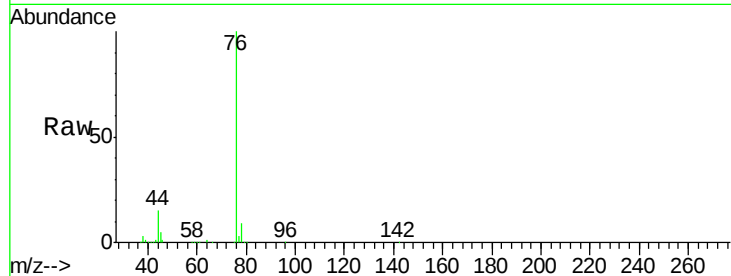
#17
Carbon Disulfide
Concen: 42.90 ug/l
RT: 2.47 min Scan# 586
Delta R.T. -0.01 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

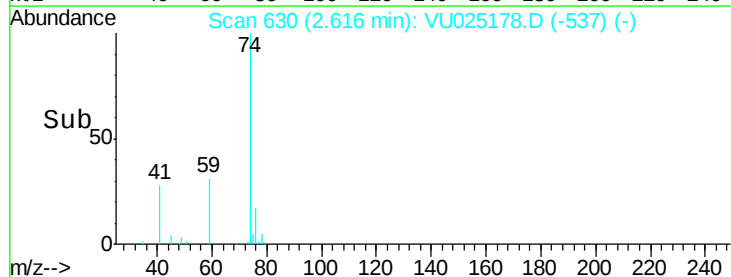
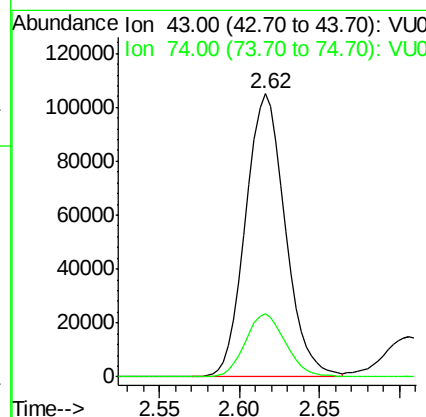
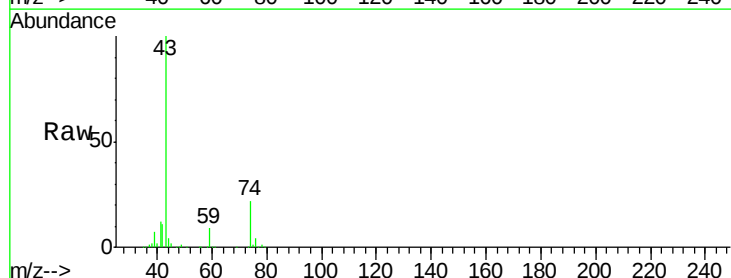
Manual Integrations
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#18
Methyl Acetate
Concen: 60.78 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	18.0	27.0





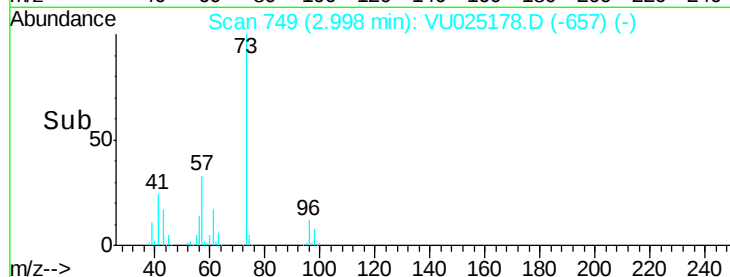
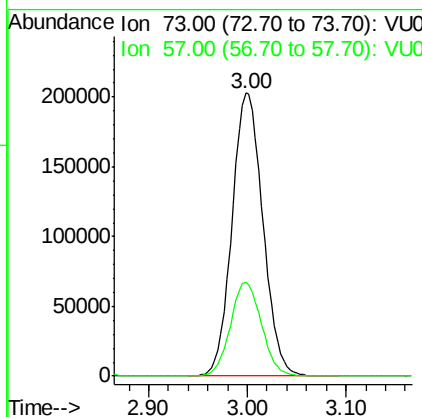
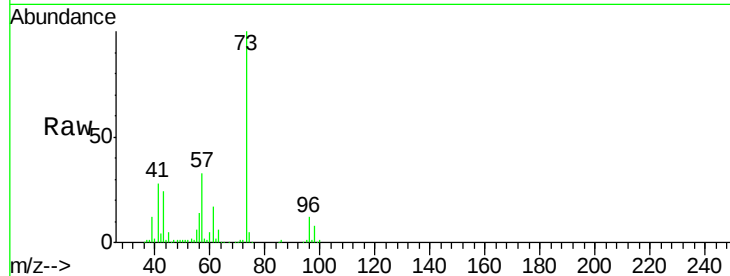
#19
Methvl tert-butvl Ether
Concen: 66.74 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	33.1	18.8	28.2#

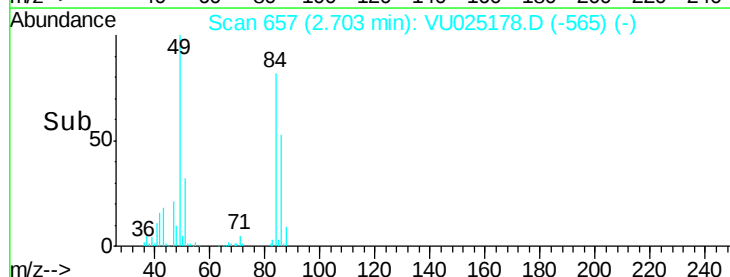
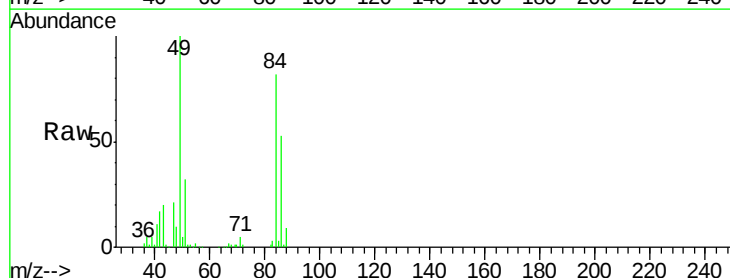
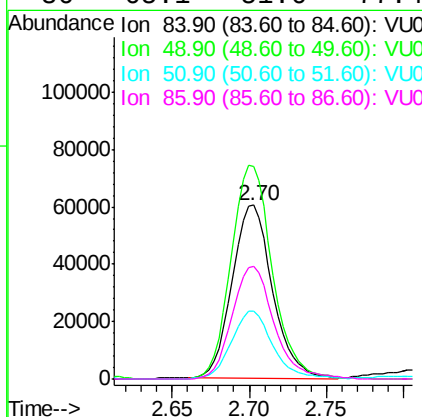
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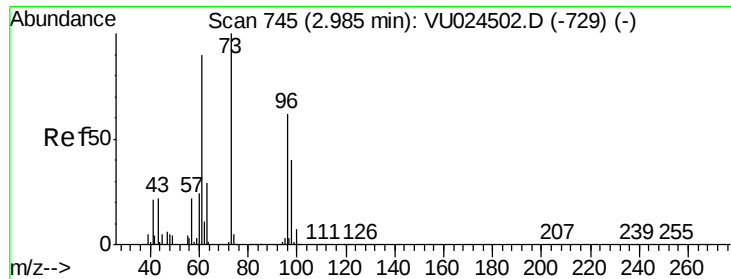
sam
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#20
Methylene Chloride
Concen: 51.62 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.8	103.8	155.8
51	39.1	32.0	48.0
86	65.1	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 52.32 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

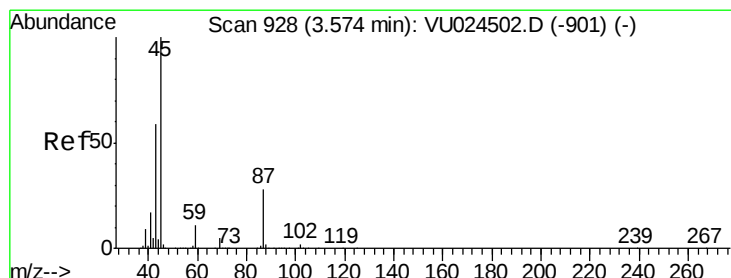
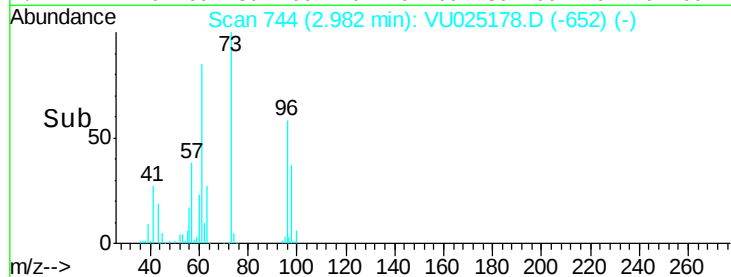
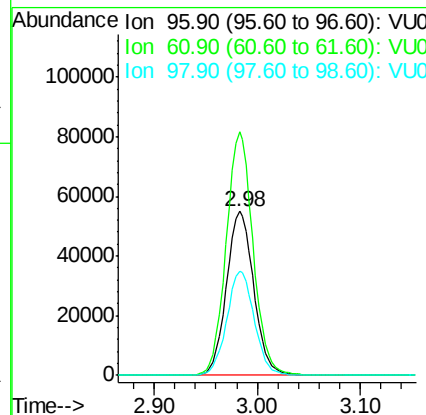
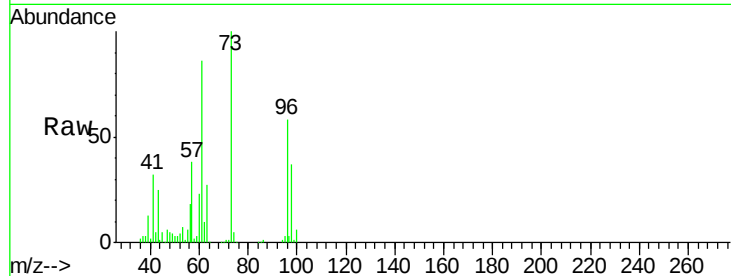
ClientSampleId :

MW-1-062818MS

Tot Ion:	96	Resp:	101460
Ion	Ratio	Lower	Upper
96	100		
61	148.3	119.4	179.0
98	63.8	51.1	76.7

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#22

Diisopropyl ether

Concen: 55.16 ug/l

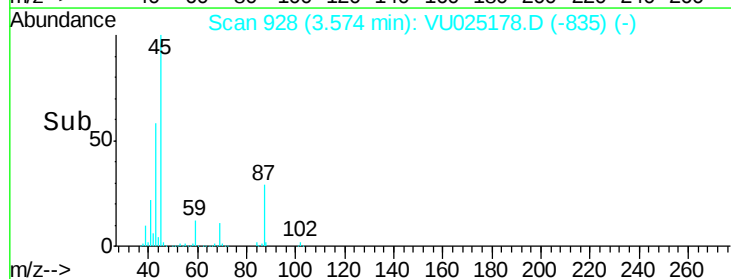
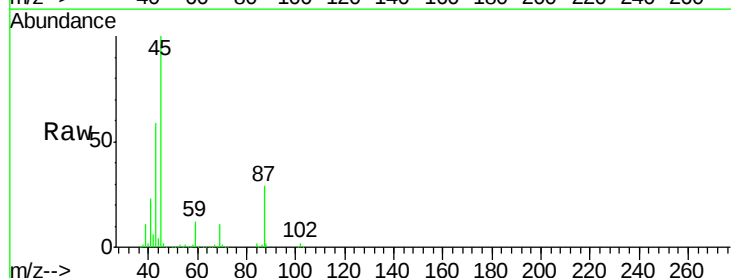
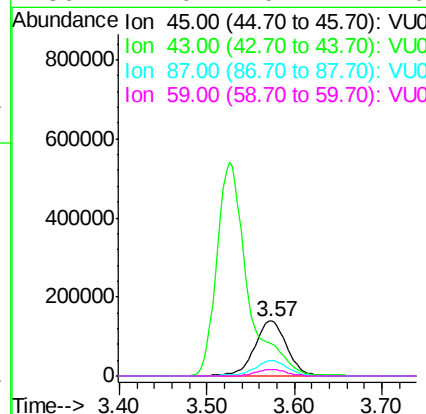
RT: 3.57 min Scan# 928

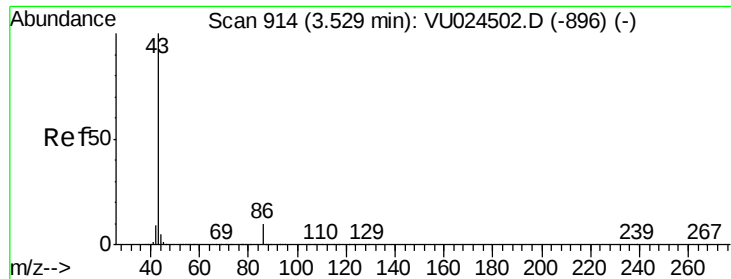
Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Tgt Ion:	45	Resp:	357483
Ion	Ratio	Lower	Upper
45	100		
43	57.2	45.8	68.6
87	28.8	20.6	31.0
59	12.0	9.4	14.0





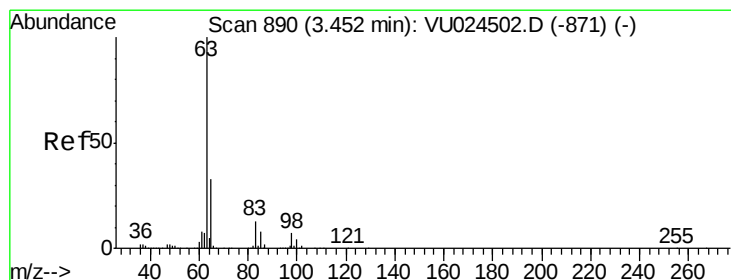
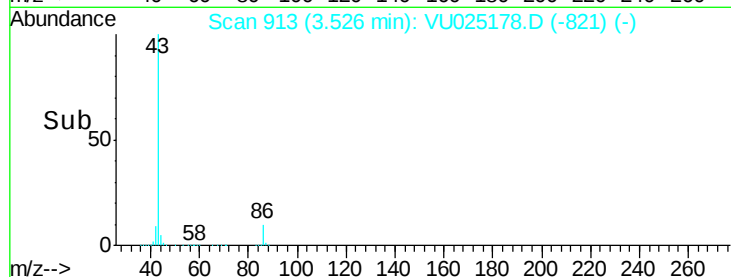
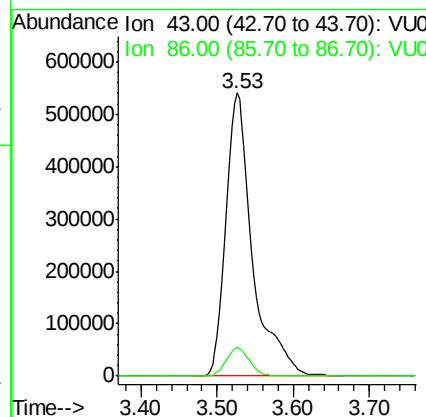
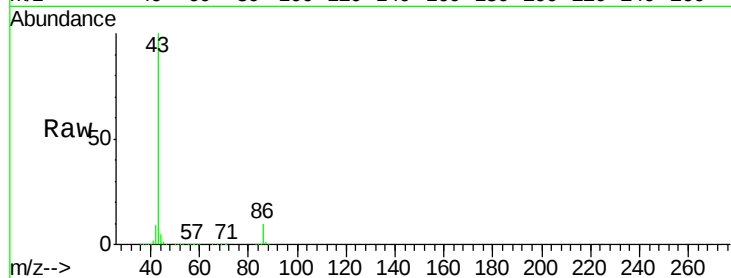
#23
 Vinyl Acetate
 Concen: 227.81 ug/l
 RT: 3.53 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

Tot Ion: 43 Resp: 1322497
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

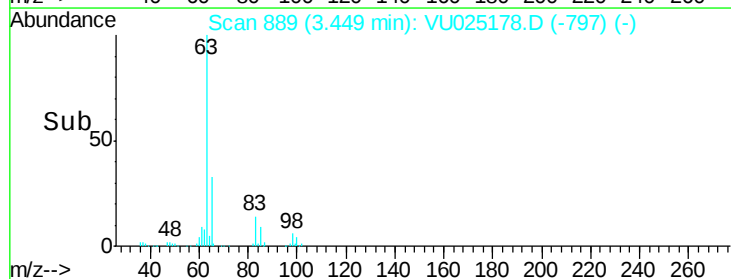
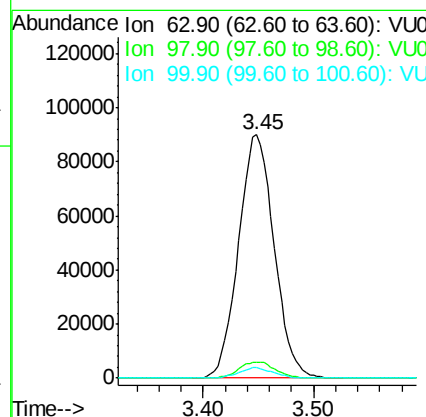
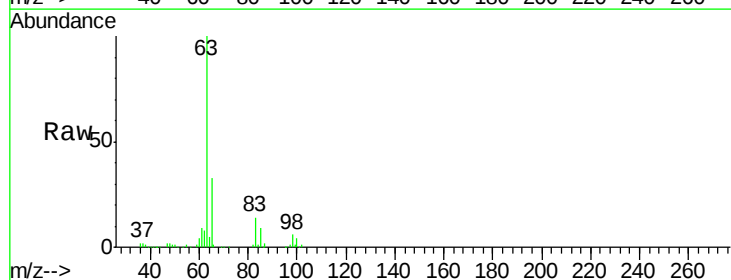
Manual Integrations
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#24
 1,1-Dichloroethane
 Concen: 53.92 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion: 63 Resp: 201007
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.4
 100 4.2 1.8 5.5





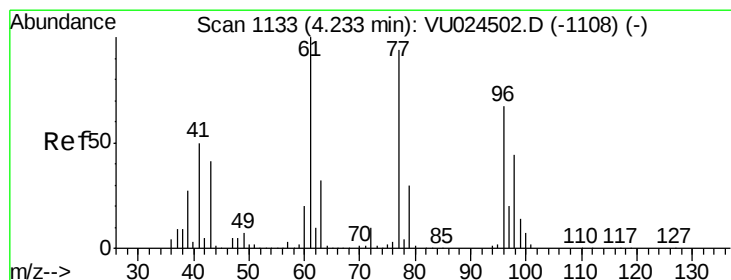
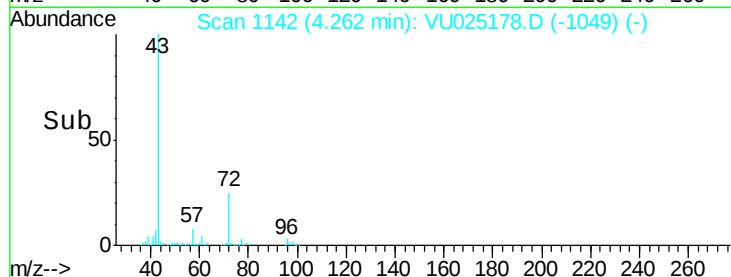
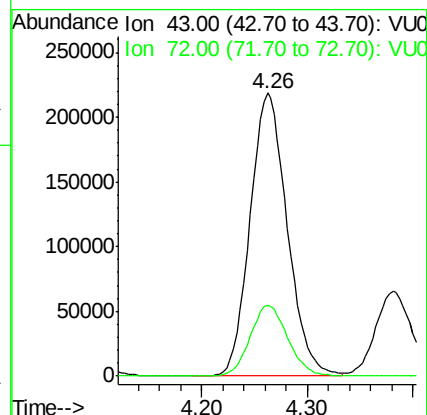
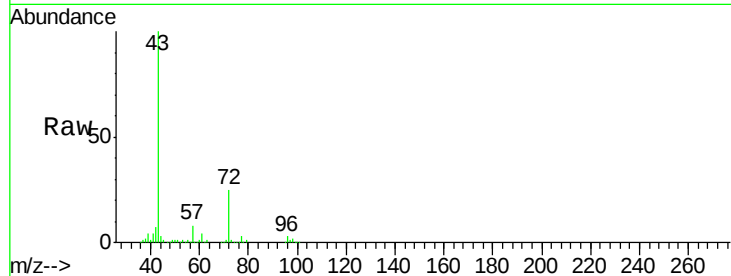
#25
2-Butanone
Concen: 291.09 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.2	19.6	29.4

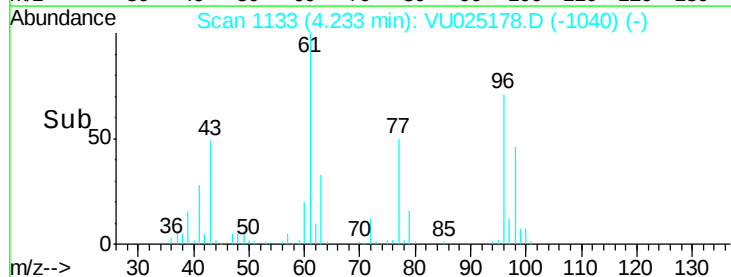
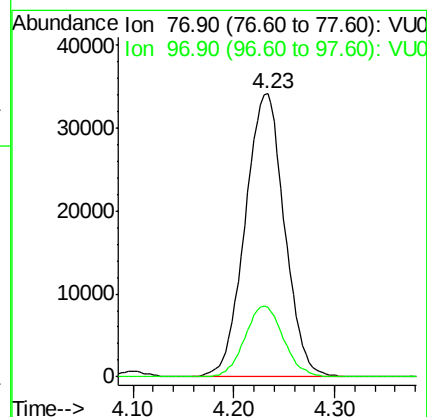
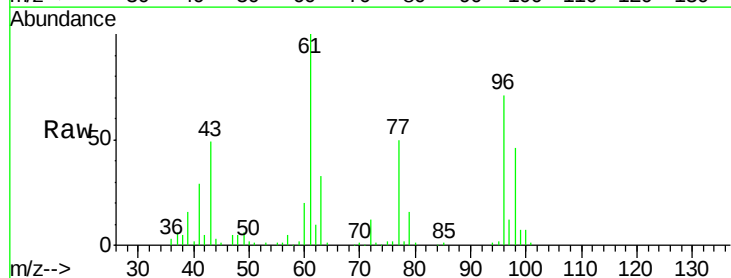
Manual Integrations
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#26
2,2-Dichloropropane
Concen: 26.04 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Tgt Ion	Ratio	Lower	Upper
77	100		
97	24.5	11.3	33.8





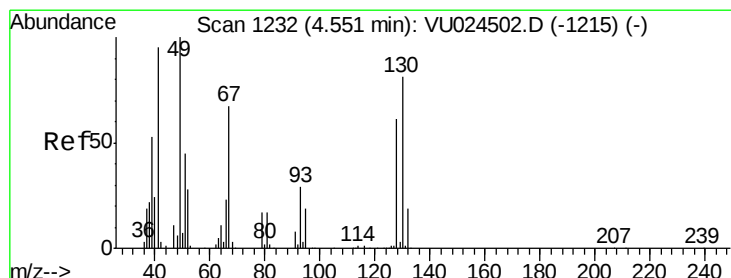
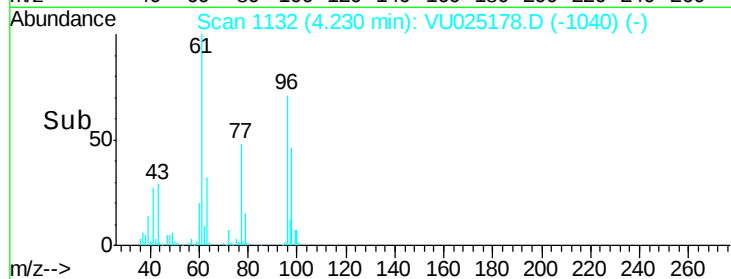
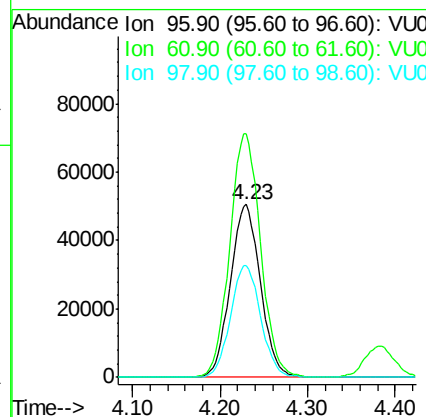
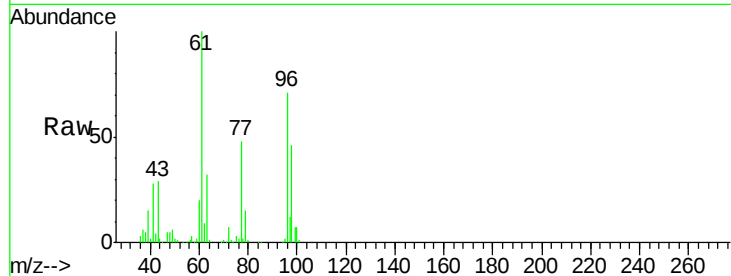
#27
 cis-1,2-Dichloroethene
 Concen: 54.22 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		120870		
61	144.0	0.0	306.6		
98	64.9	0.0	128.8		

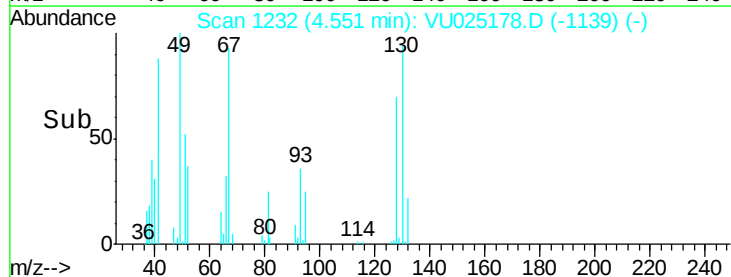
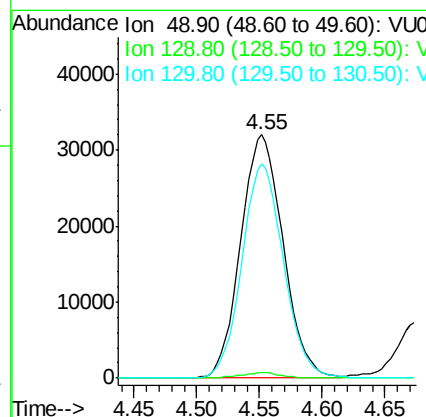
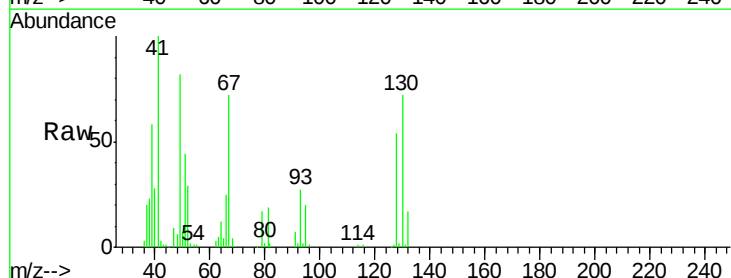
Manual Integrations
 APPROVED

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#28
 Bromochloromethane
 Concen: 45.88 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		75341		
129	2.1	0.0	3.8		
130	86.3	57.8	86.6		





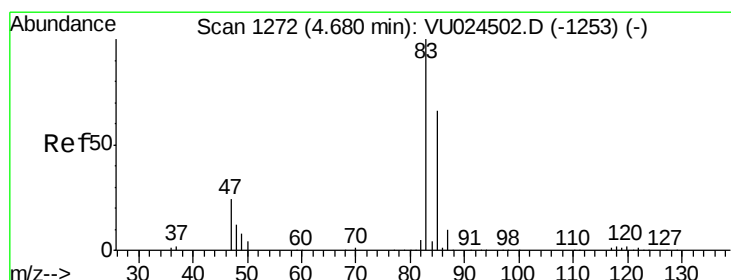
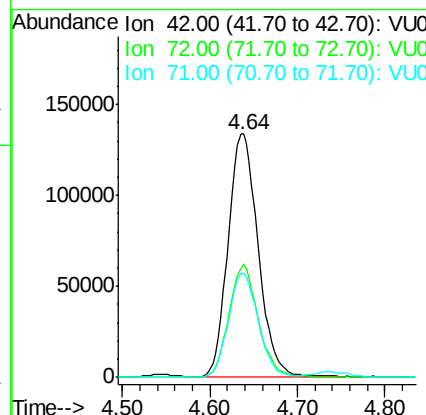
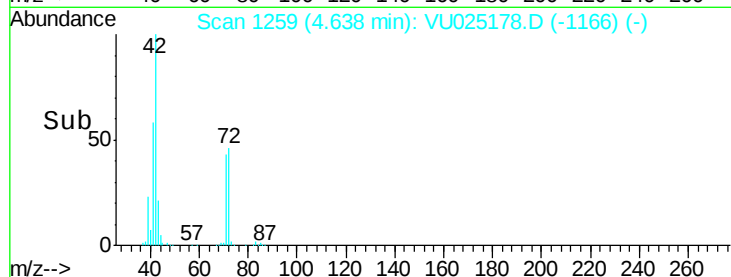
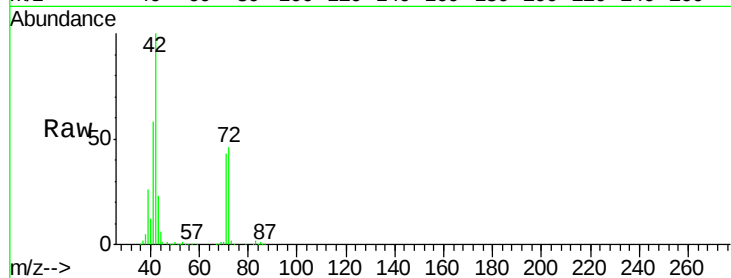
#29
Tetrahydrofuran
Concen: 280.87 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	34.5	51.7
71	42.6	32.2	48.4

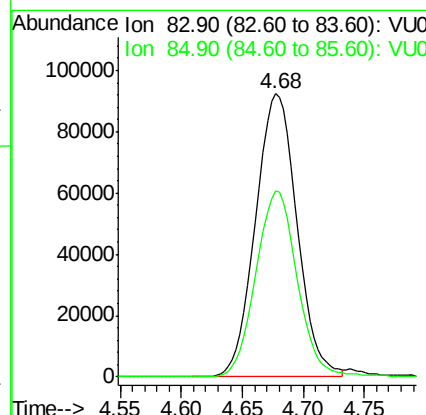
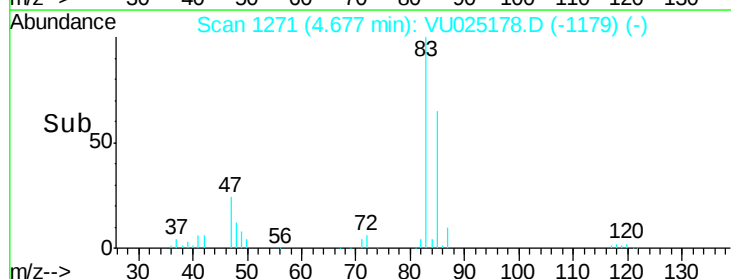
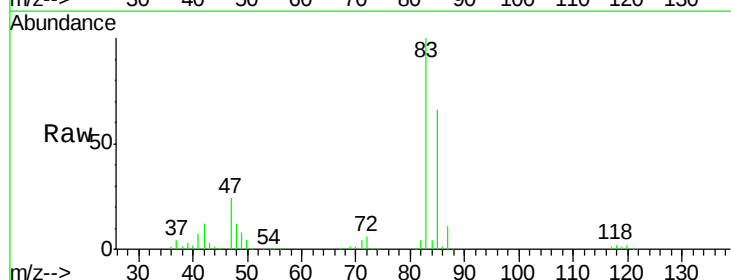
Manual Integrations
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#30
Chloroform
Concen: 57.73 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.4	78.6





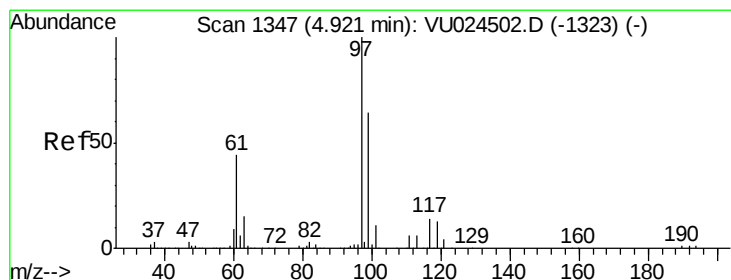
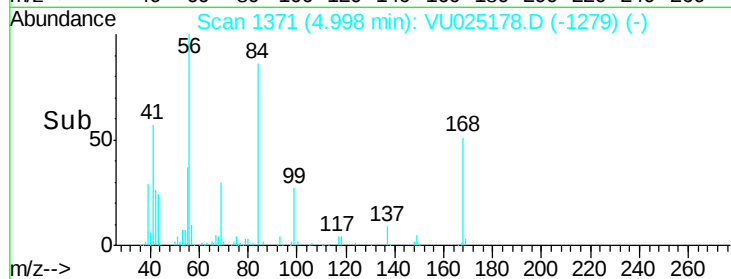
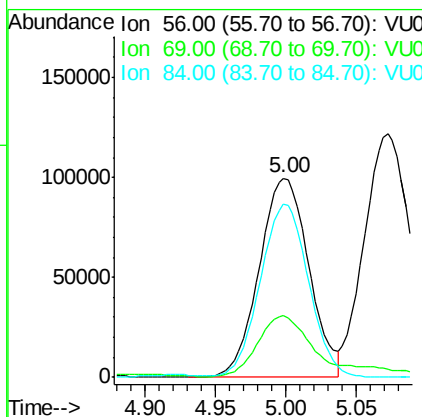
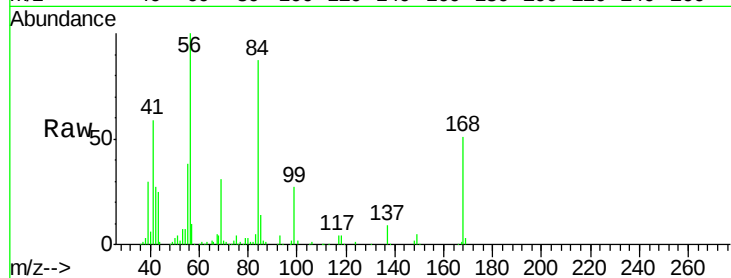
#31
Cyclohexane
Concen: 74.45 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.8	37.2
84	85.8	65.2	97.8

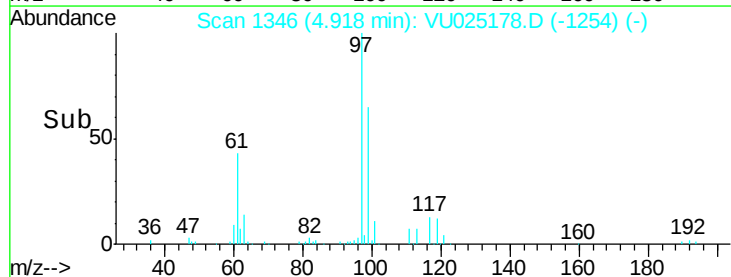
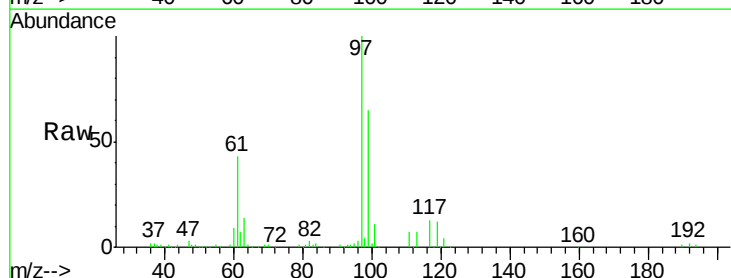
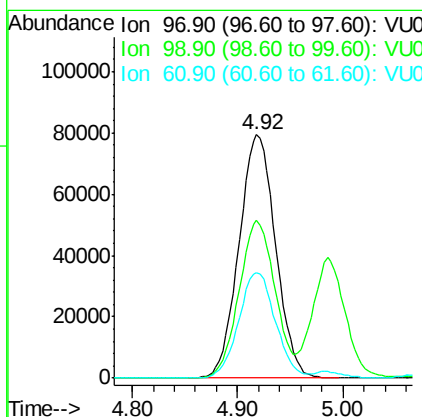
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 54.94 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.6
61	43.5	39.4	59.0





#33

1,2-Dichloroethane-d4

Concen: 49.96 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Tot Ion: 65 Resp: 126105

Ion Ratio Lower Upper

65 100

67 50.2 0.0 107.0

Instrument :

MSVOA_U

ClientSampleId :

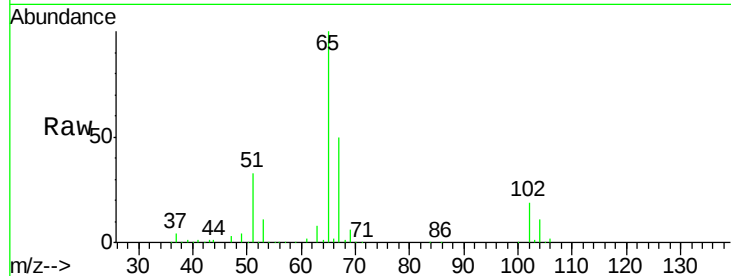
MW-1-062818MS

Manual Integrations

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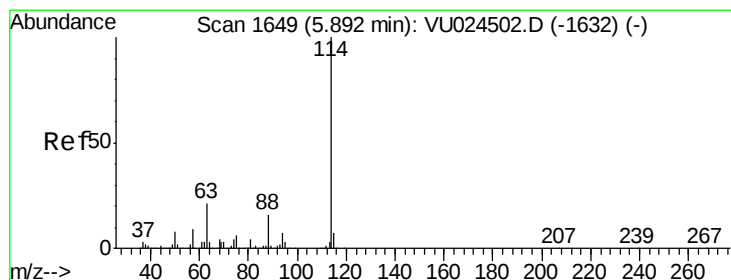
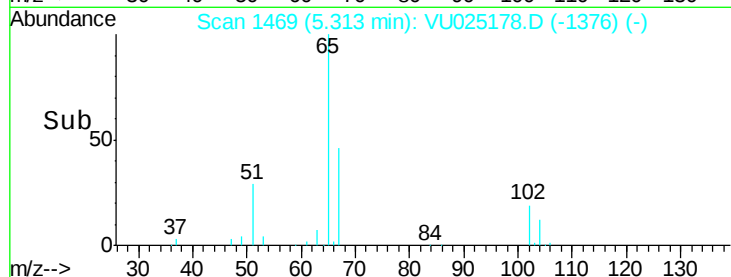
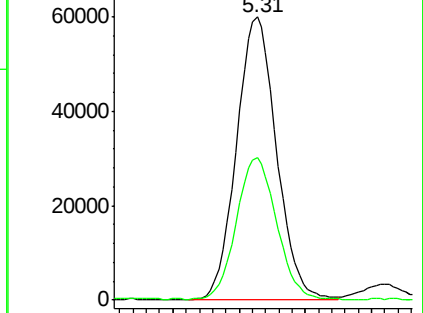
sam

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Abundance Ion 64.90 (64.60 to 65.60): VU025178.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU025178.D (-1376) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

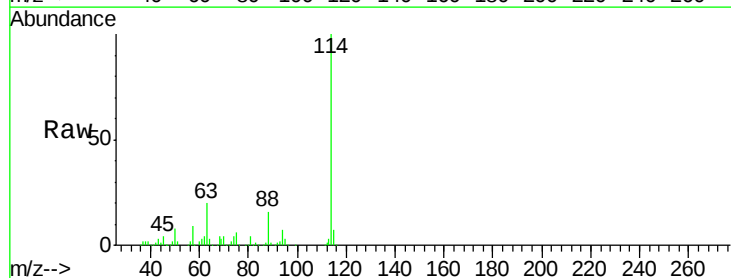
Tgt Ion: 114 Resp: 243367

Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.4

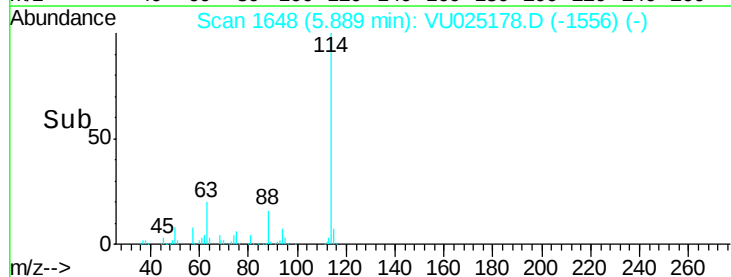
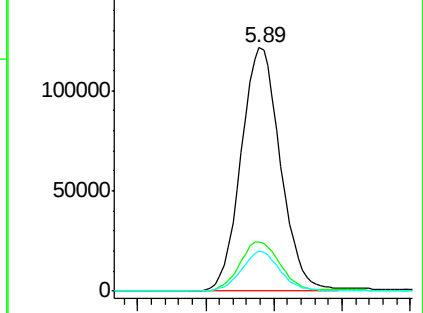
88 16.3 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VU025178.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU025178.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU025178.D (-1556) (-)





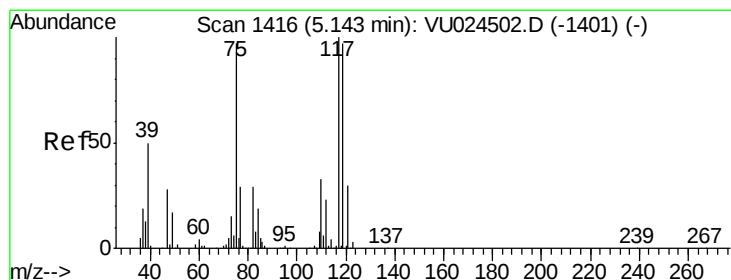
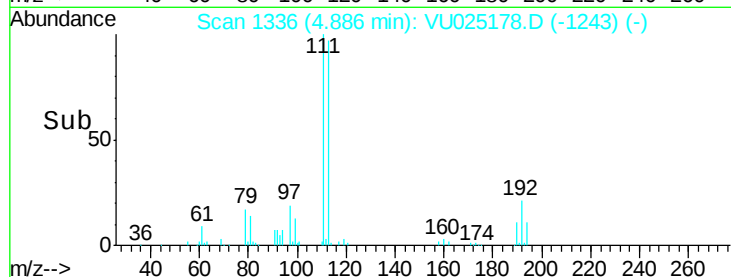
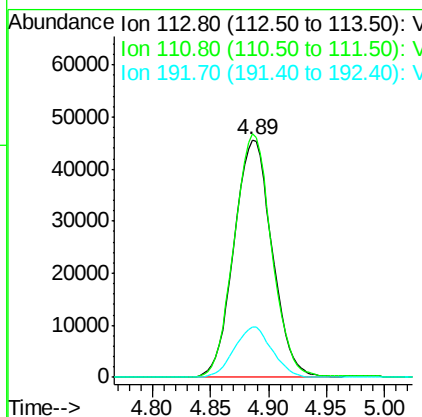
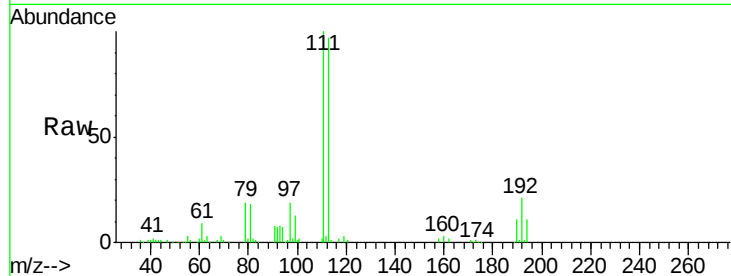
#35
 Dibromofluoromethane
 Concen: 51.59 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	104198		
111	100.8	82.2	123.4	
192	21.1	16.2	24.4	

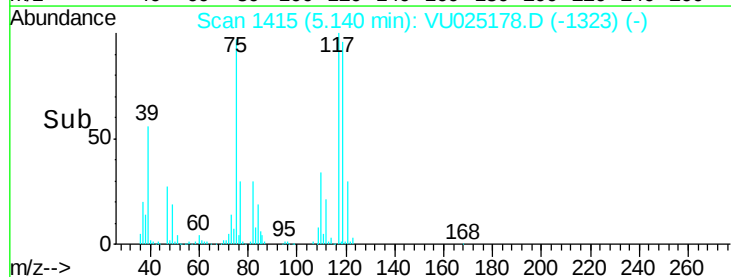
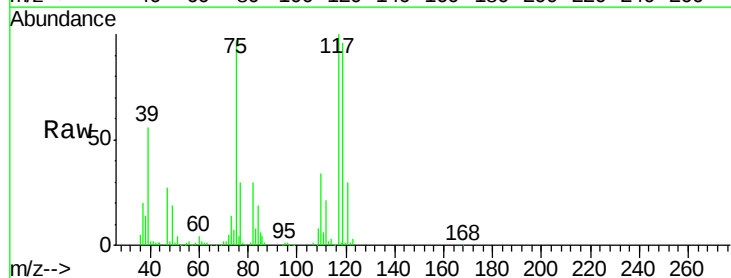
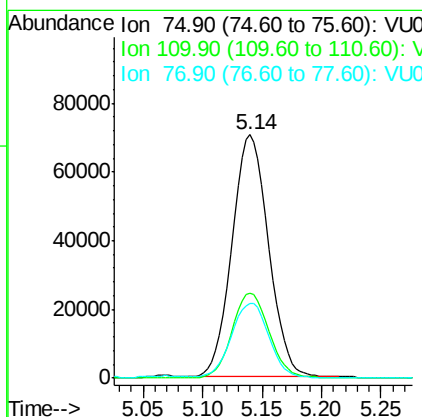
Manual Integrations
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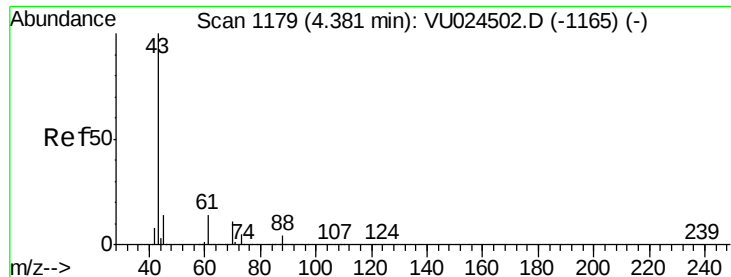
sam
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#36
 1,1-Dichloropropene
 Concen: 52.59 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	150382		
110	35.7	17.0	50.9	
77	31.5	24.2	36.4	





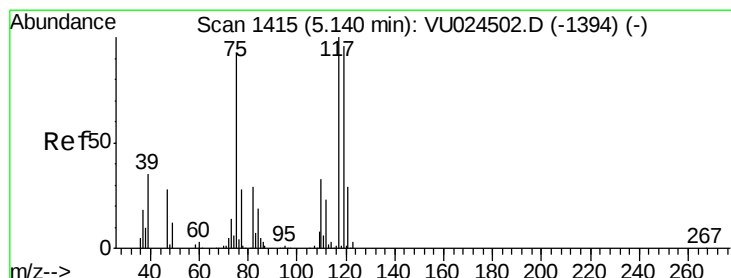
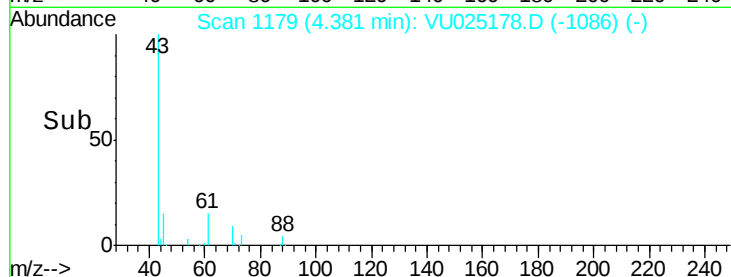
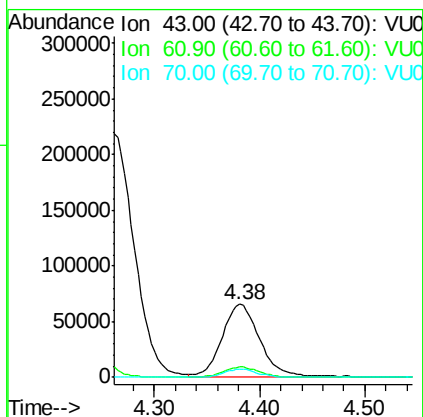
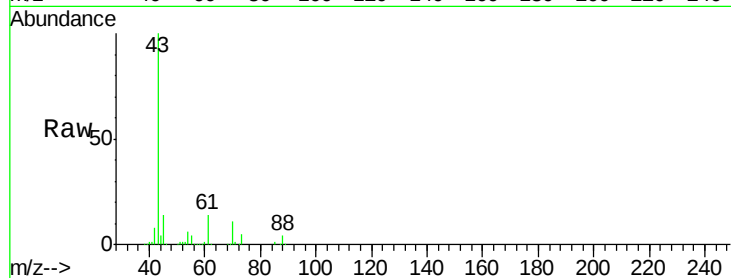
#37
Ethyl Acetate
Concen: 50.64 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.5	15.7
70	10.5	7.4	11.2

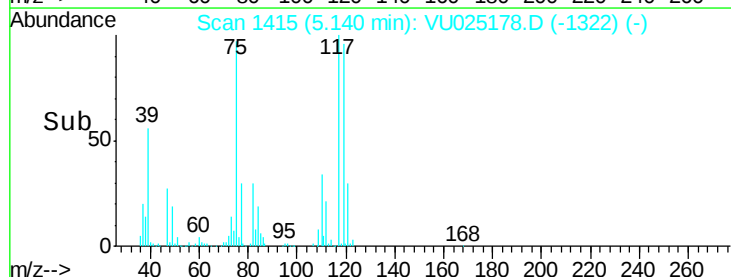
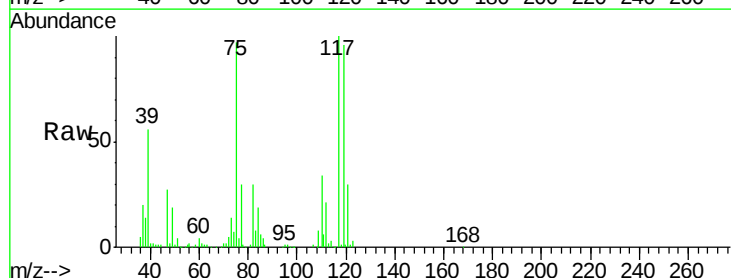
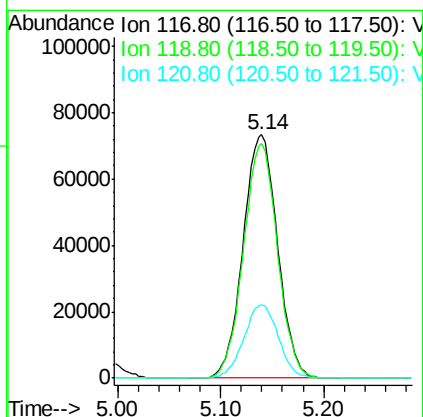
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 54.13 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.1	114.1
121	30.2	23.7	35.5





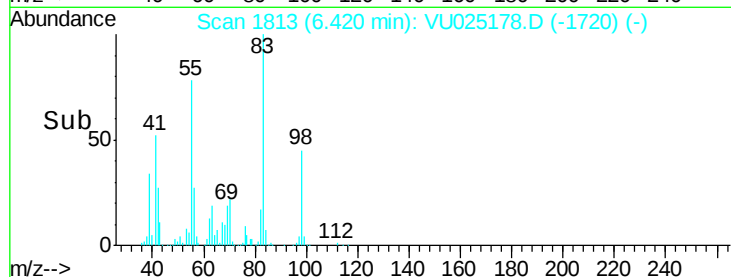
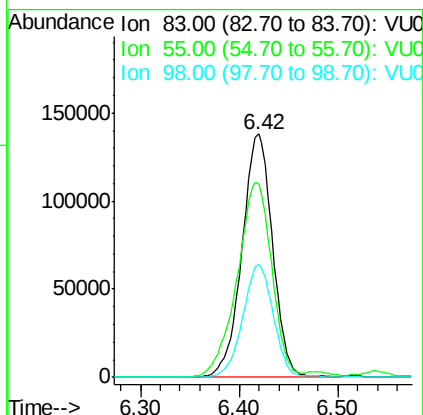
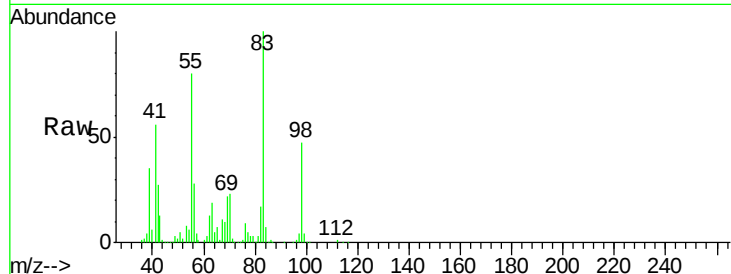
#39
Methvlcvclohexane
Concen: 82.84 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.5	65.8	98.6
98	46.5	36.7	55.1

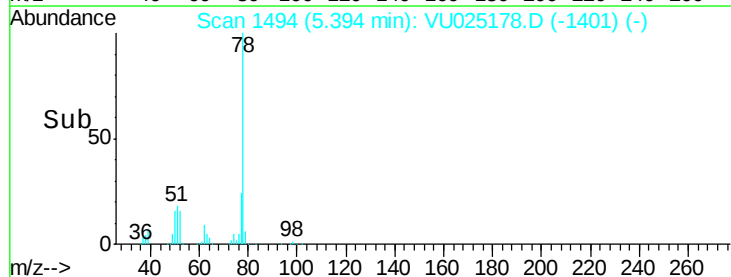
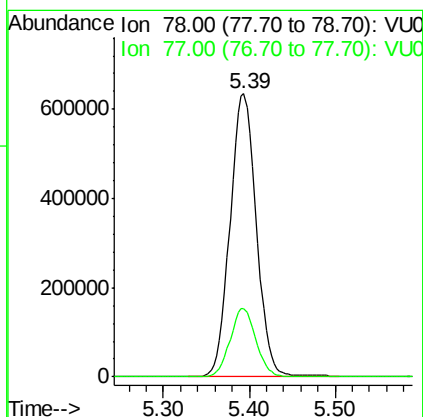
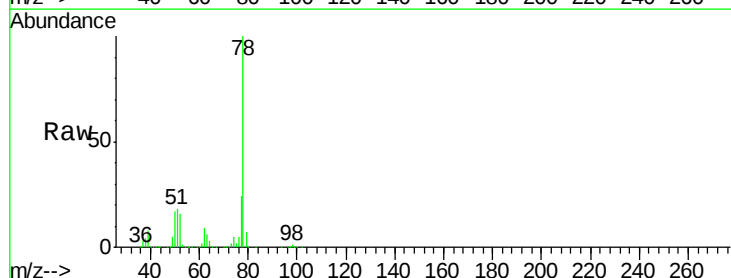
Manual Integrations
APPROVED

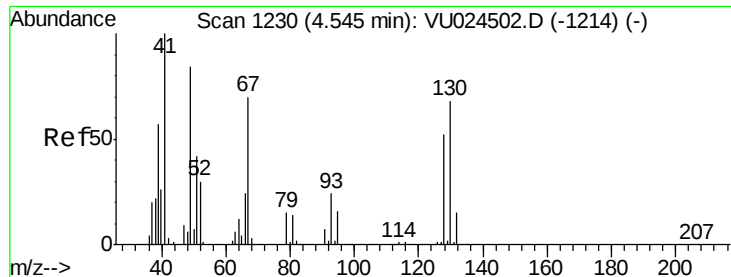
sam
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#40
Benzene
Concen: 165.62 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8





#41

Methacrylonitrile

Concen: 59.99 ug/l

RT: 4.55 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

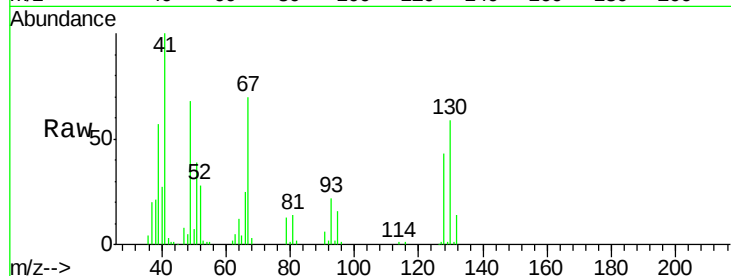
ClientSampleId :

MW-1-062818MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.3	43.8	65.6	
67	71.1	56.3	84.5	
52	29.5	23.2	34.8	

Manual Integrations
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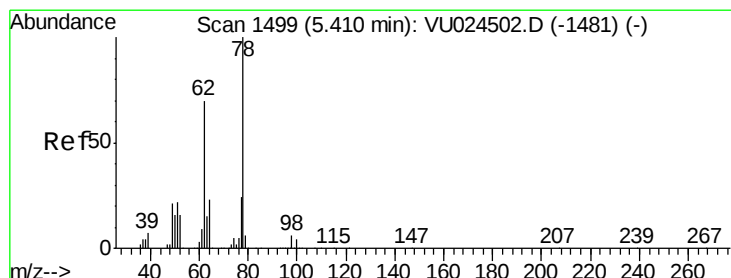
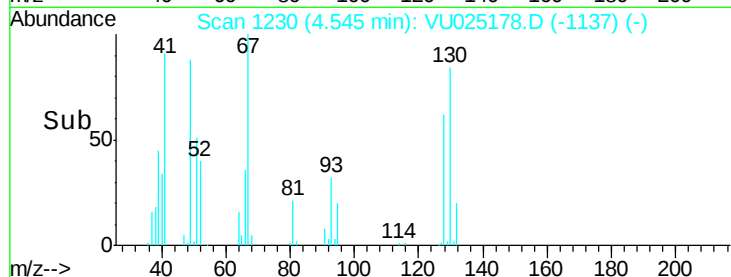
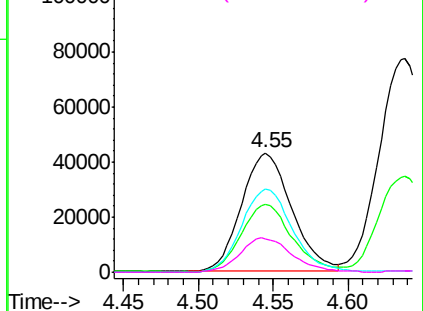
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 61.59 ug/l

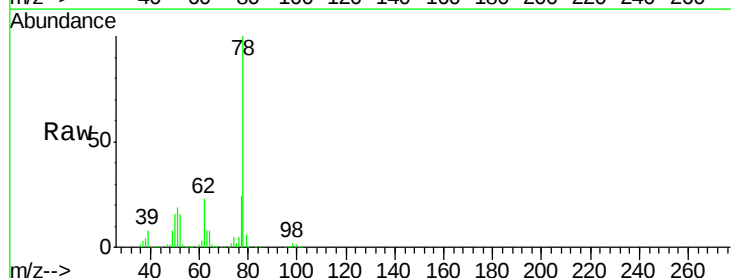
RT: 5.41 min Scan# 1498

Delta R.T. -0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

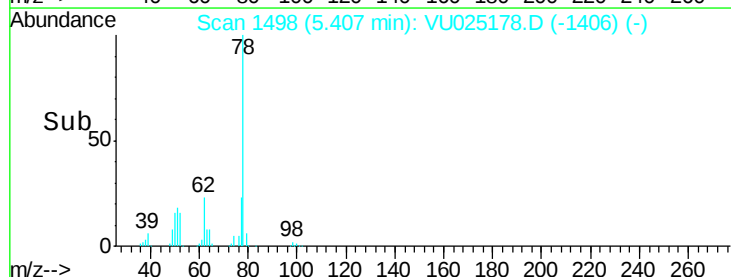
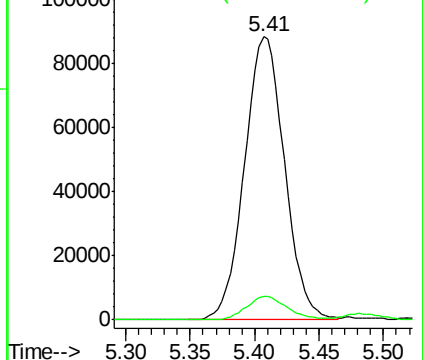
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	16.6	



Abundance

Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

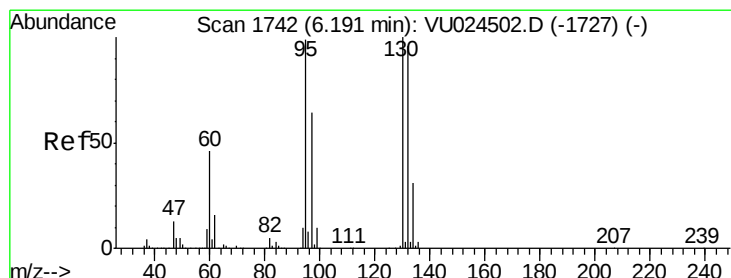
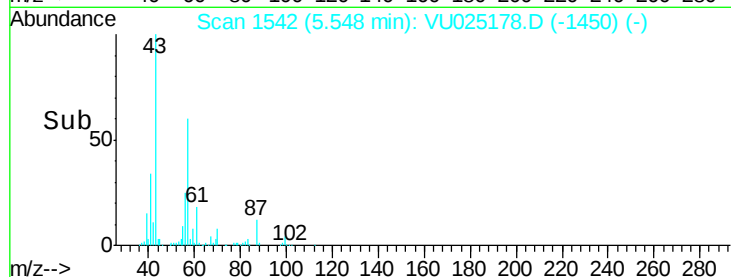
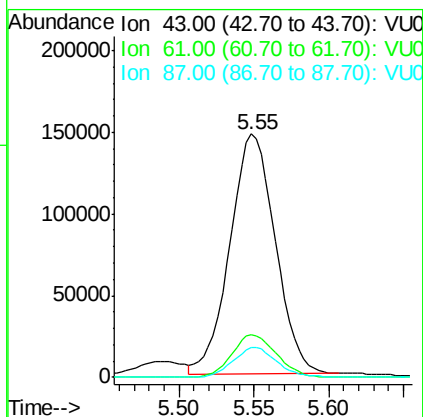
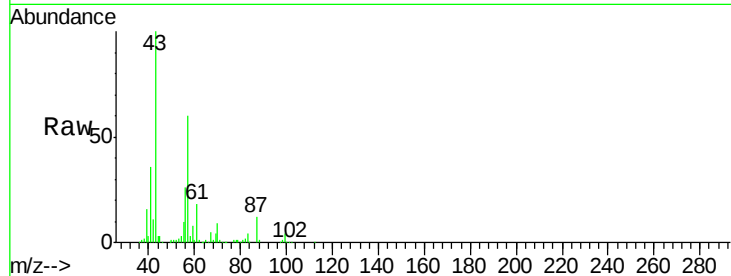
Isopropyl Acetate
 Concen: 57.35 ug/l
 RT: 5.55 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.5	15.4	23.0
87	12.1	10.0	15.0

Manual Integrations
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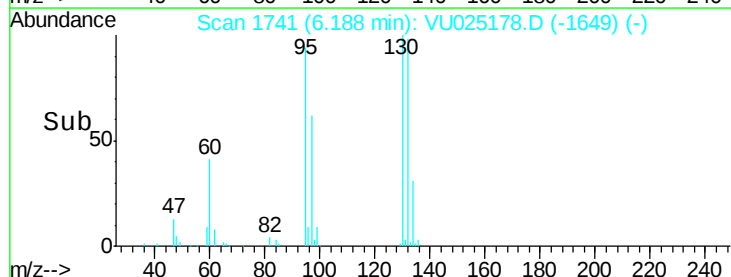
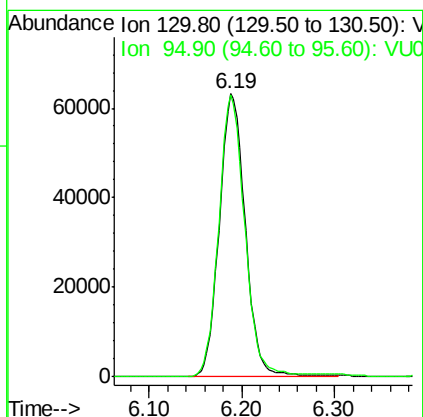
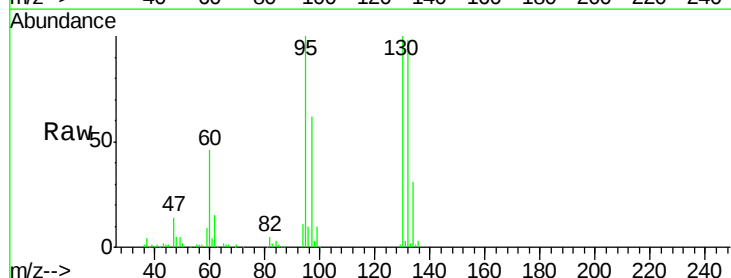
sam
 7/3/2018 3:53:07 PM



#44

Trichloroethene
 Concen: 53.03 ug/l
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	202.4





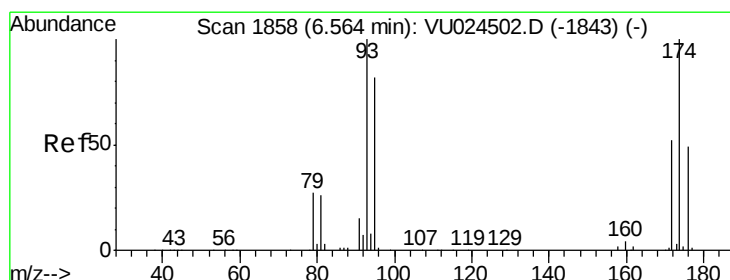
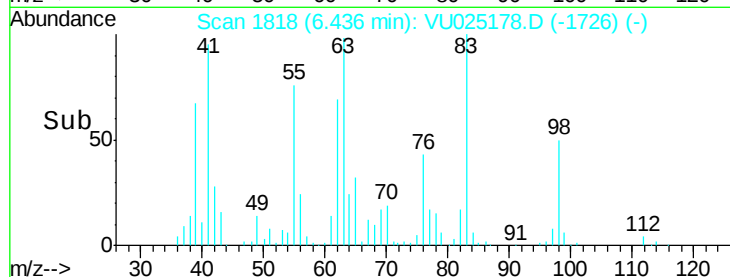
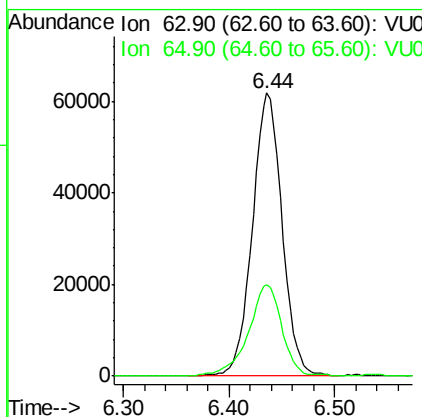
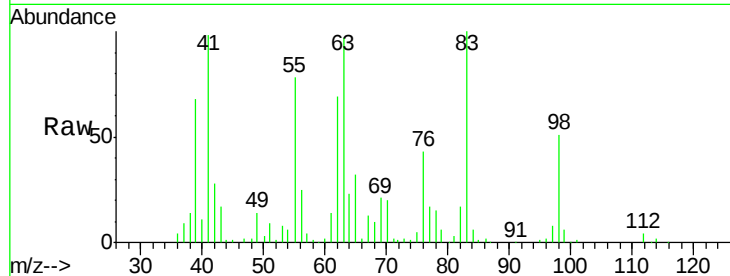
#45
 1,2-Dichloropropane
 Concen: 55.85 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

Tot Ion: 63 Resp: 121440
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.8 37.2

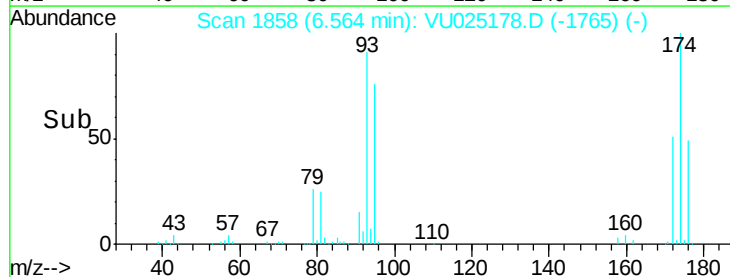
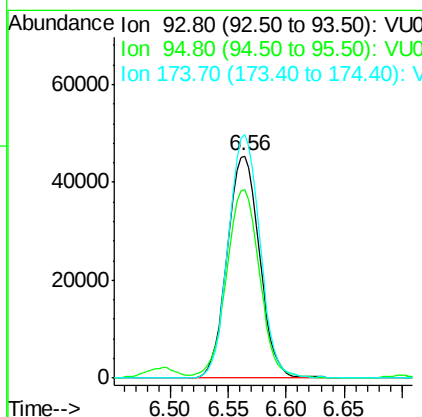
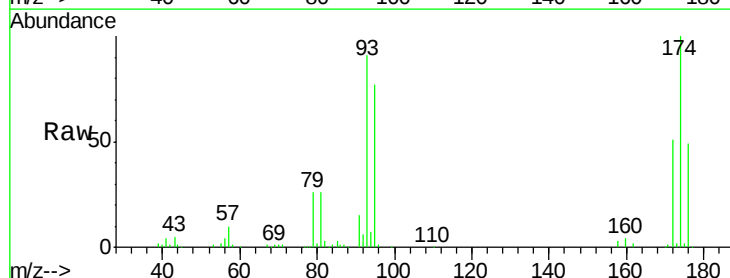
Manual Integrations
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#46
 Dibromomethane
 Concen: 57.41 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion: 93 Resp: 87673
 Ion Ratio Lower Upper
 93 100
 95 85.6 65.5 98.3
 174 106.9 78.7 118.1





#47

Bromodichloromethane

Concen: 55.20 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

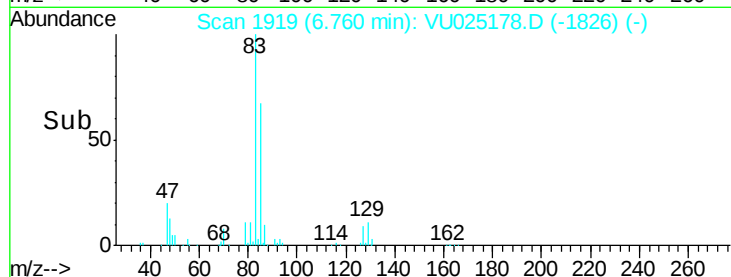
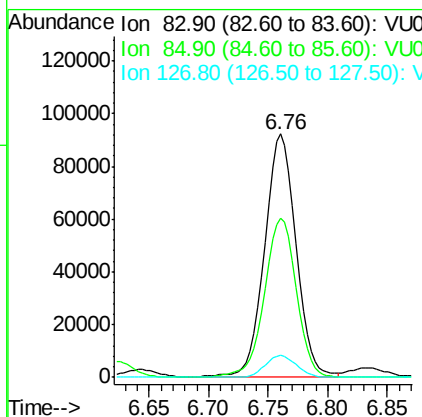
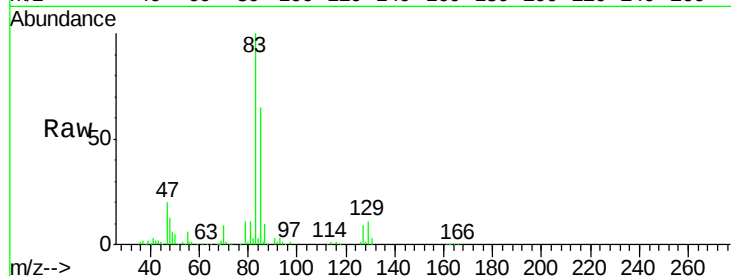
ClientSampleId :

MW-1-062818MS

Tot Ion:	83	Resp:	167870
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.9	77.9
127	9.2	6.6	9.8

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#48

Methyl methacrylate

Concen: 68.47 ug/l

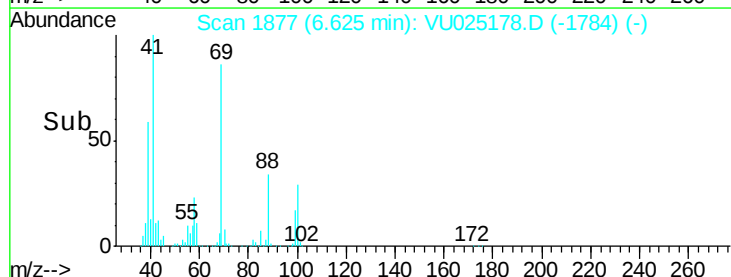
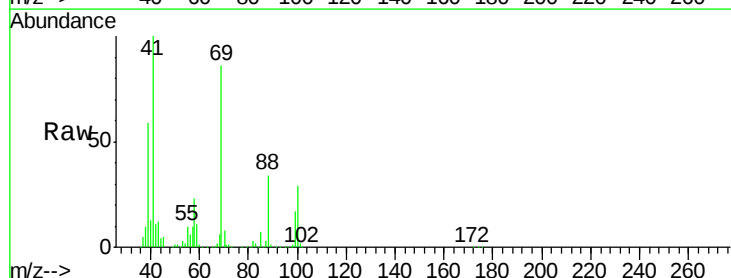
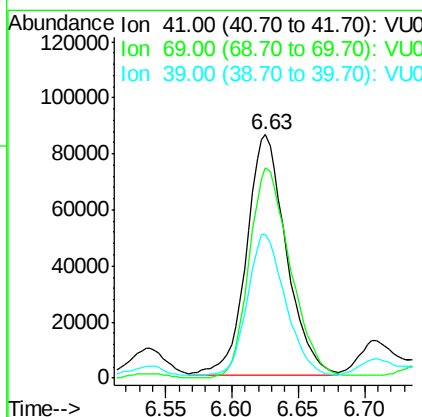
RT: 6.63 min Scan# 1877

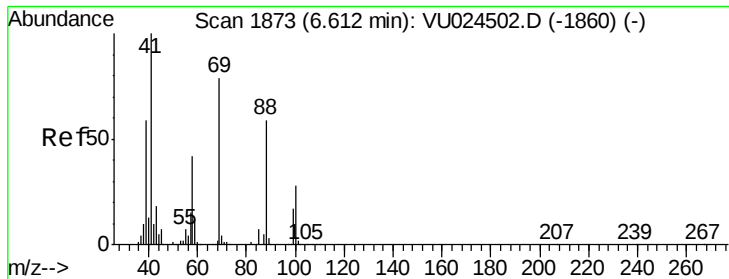
Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Tgt Ion:	41	Resp:	179639
Ion	Ratio	Lower	Upper
41	100		
69	91.0	67.3	100.9
39	56.7	46.5	69.7





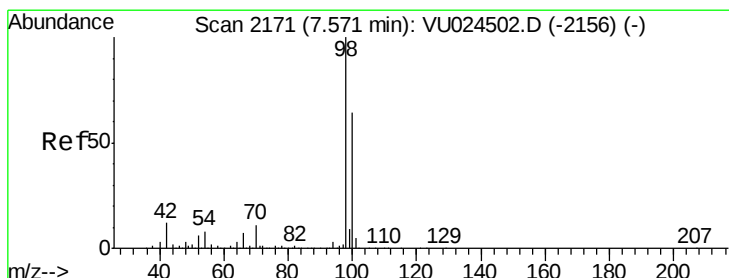
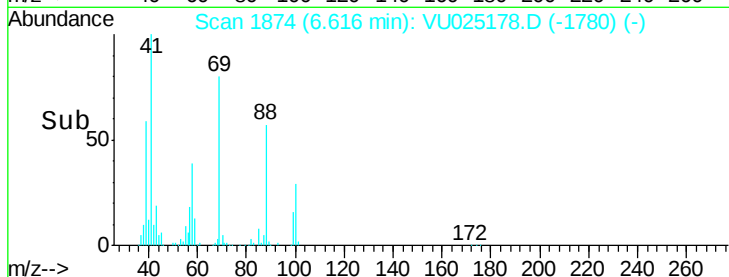
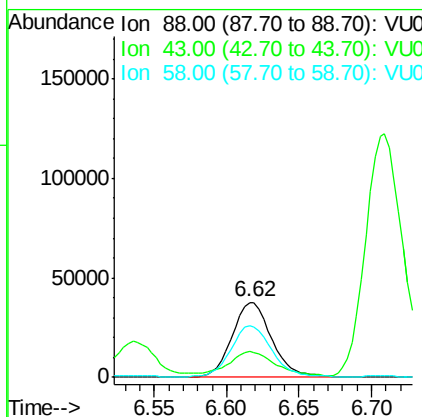
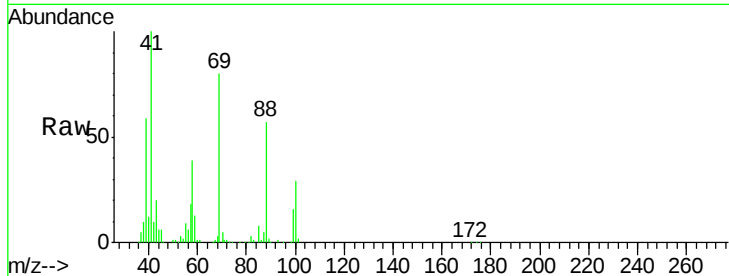
#49
 1,4-Dioxane
 Concen: 1389.25 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.8	28.6	42.8
58	71.5	58.2	87.4

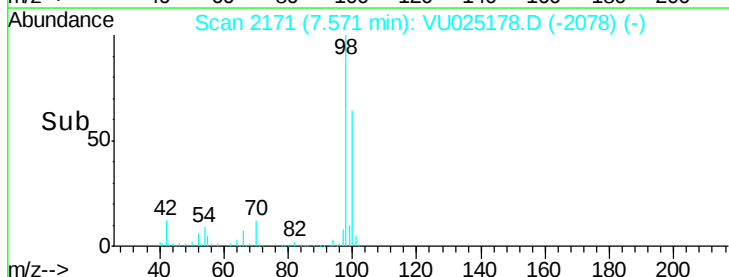
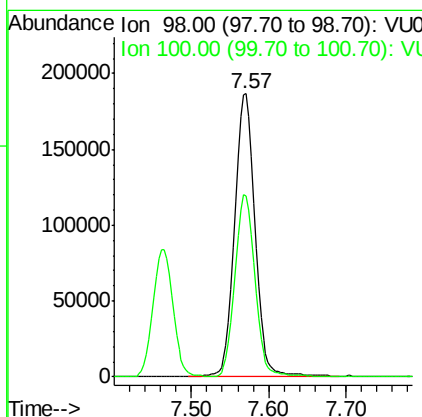
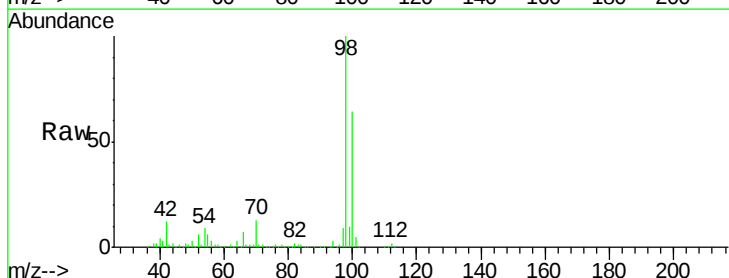
Manual Integrations
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#50
 Toluene-d8
 Concen: 46.01 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.6	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 291.49 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

Tot Ion: 43 Resp: 986639

Ion Ratio Lower Upper

43 100

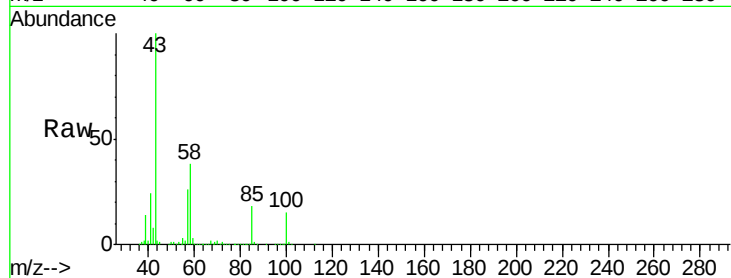
58 38.7 30.0 45.0

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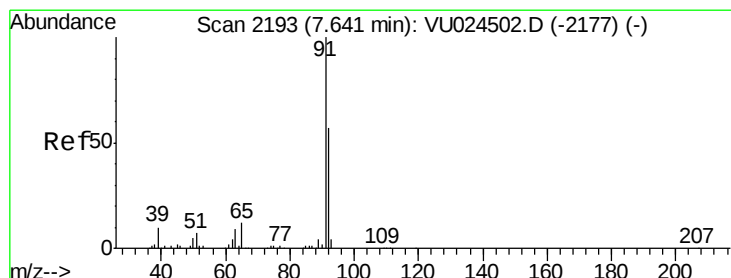
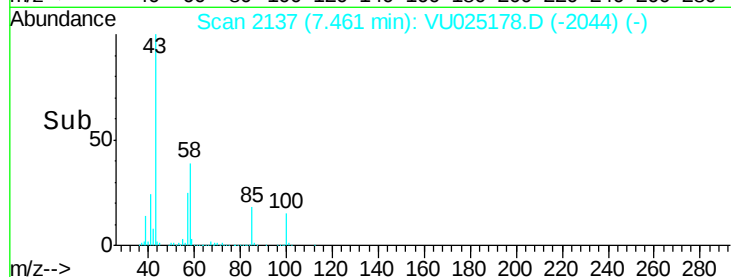
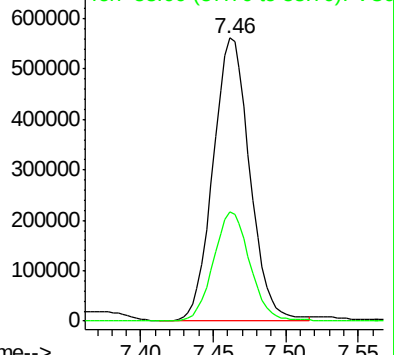
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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 113.99 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025178.D

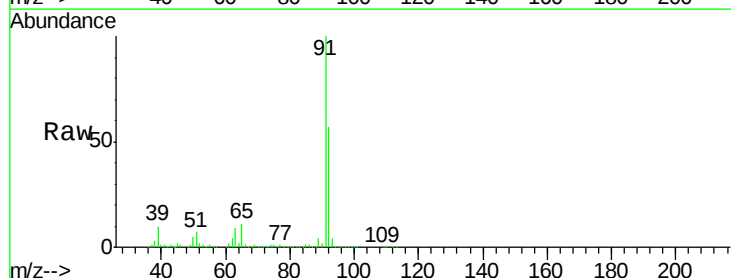
Acq: 03 Jul 2018 06:40

Tgt Ion: 92 Resp: 597612

Ion Ratio Lower Upper

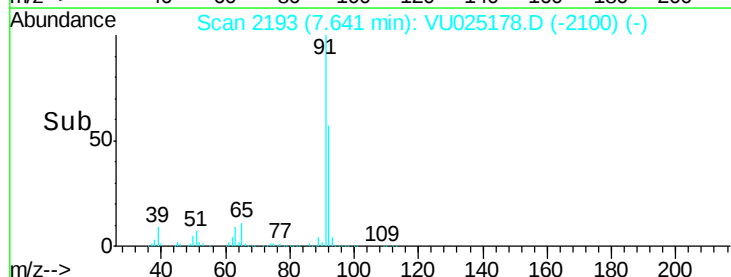
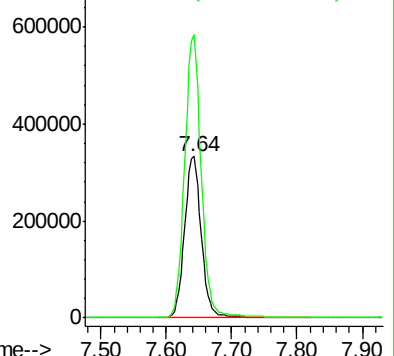
92 100

91 174.2 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0





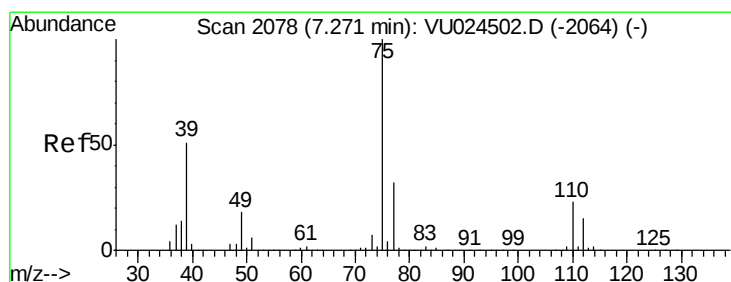
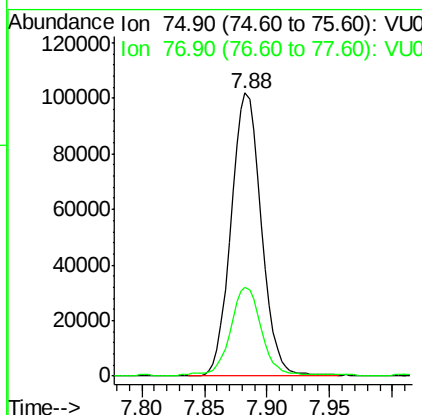
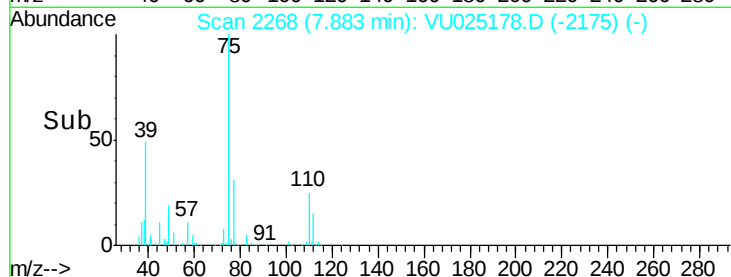
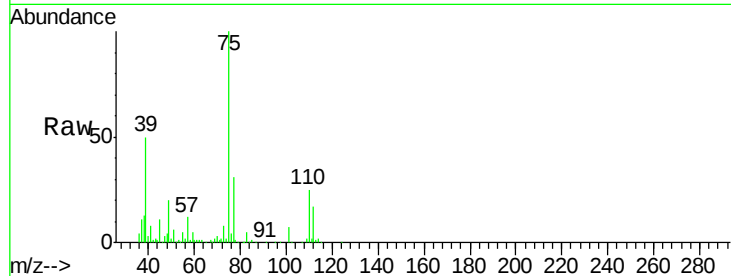
#53
t-1,3-Dichloropropene
Concen: 50.07 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.8	37.2

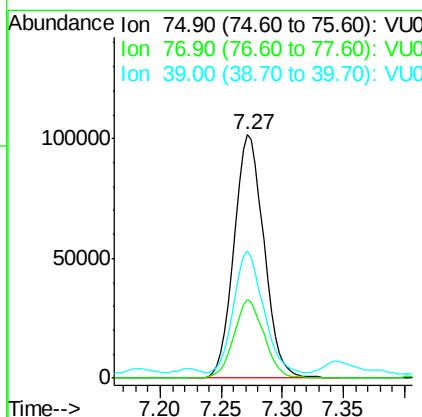
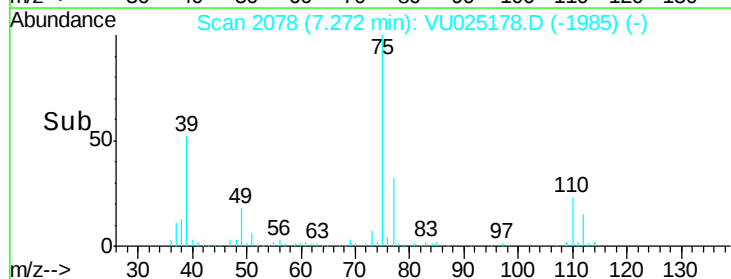
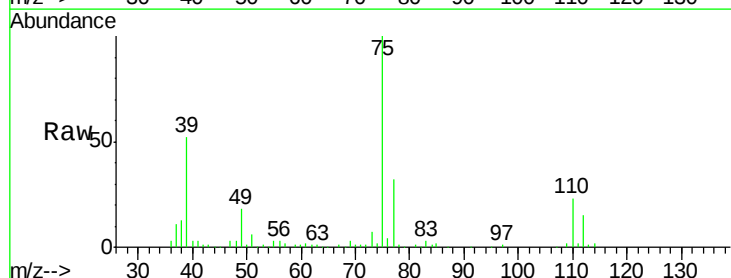
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#54
cis-1,3-Dichloropropene
Concen: 47.68 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.6	36.8
39	48.3	39.8	59.6





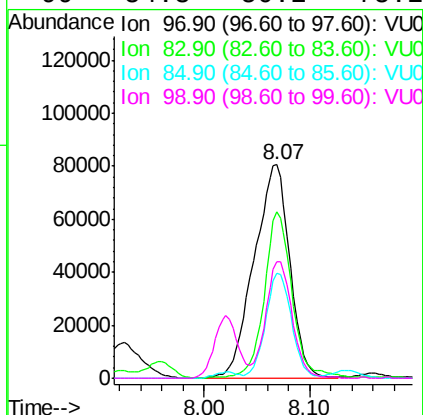
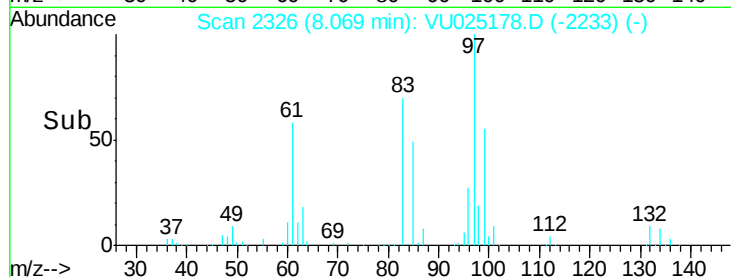
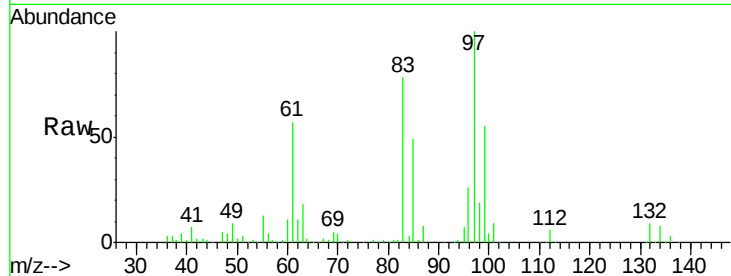
#55
 1,1,2-Trichloroethane
 Concen: 89.17 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		190033		
83	77.1		70.5	105.7	
85	49.0		46.4	69.6	
99	54.8		50.2	75.2	

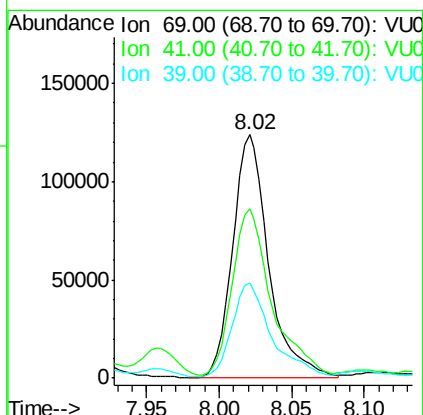
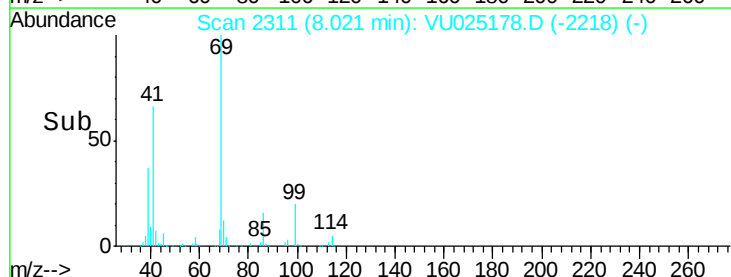
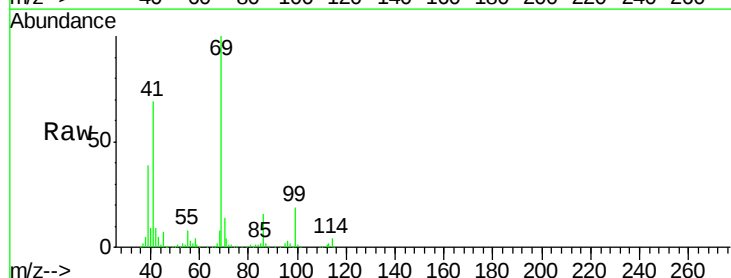
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 59.54 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		212372		
41	74.3		54.1	81.1	
39	42.1		30.3	45.5	





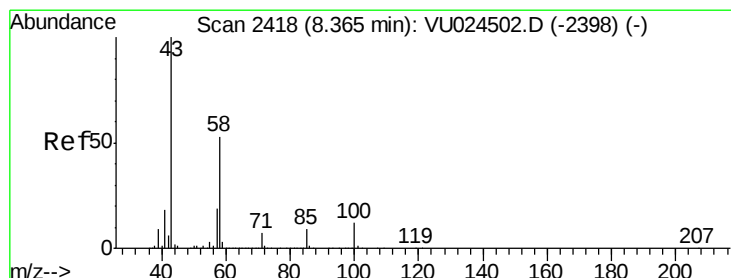
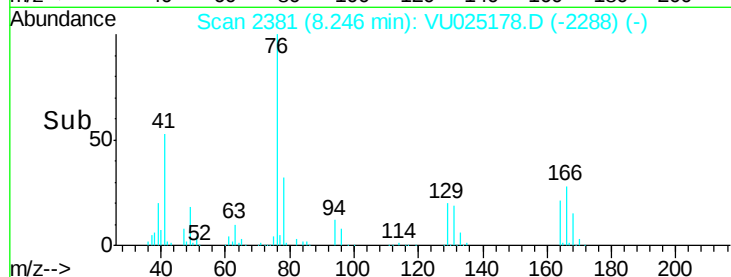
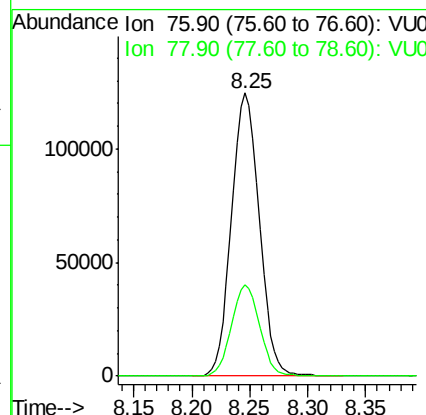
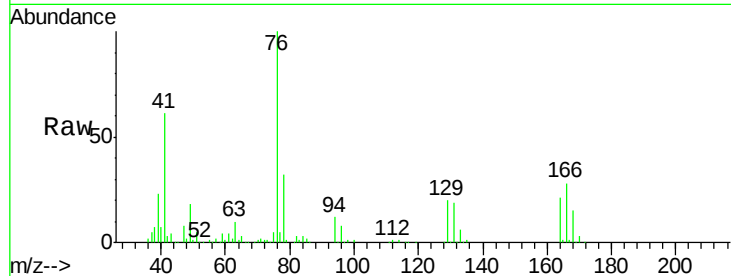
#57
 1,3-Dichloropropane
 Concen: 57.54 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.2	37.8

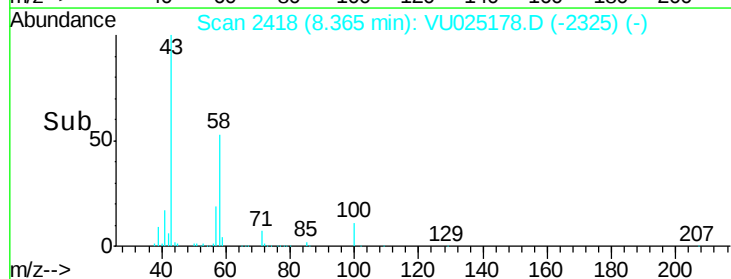
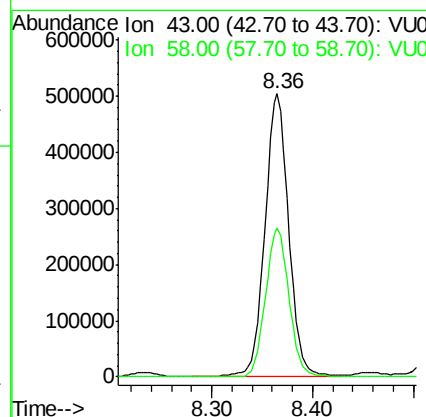
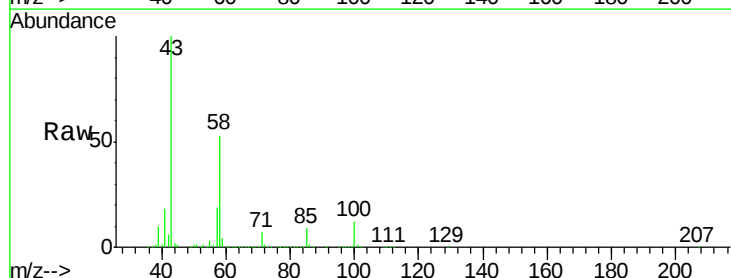
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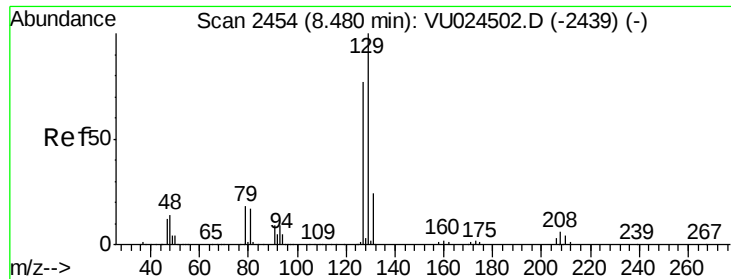
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#59
 2-Hexanone
 Concen: 297.58 ug/l
 RT: 8.36 min Scan# 2418
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.1	26.4	79.0





#60

Dibromochloromethane

Concen: 52.10 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

Tot Ion:129 Resp: 138445

Ion Ratio Lower Upper

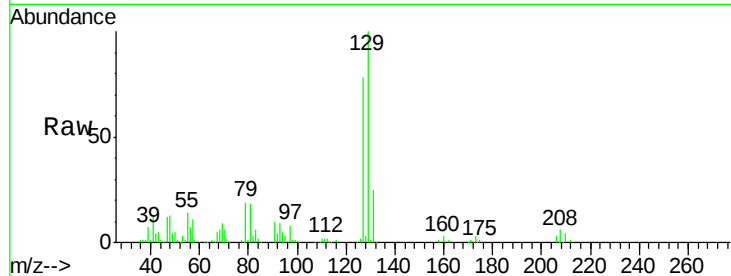
129 100

127 77.9 38.6 116.0

Manual Integrations
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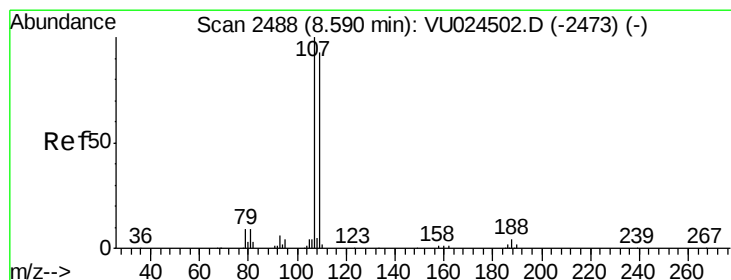
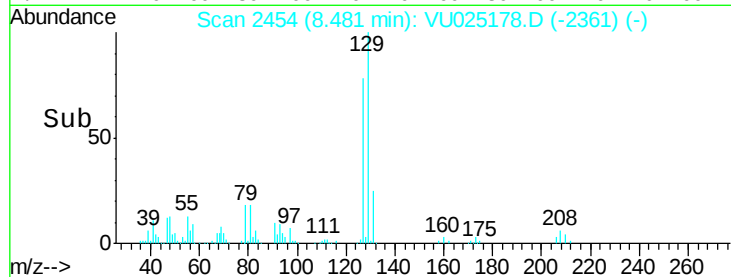
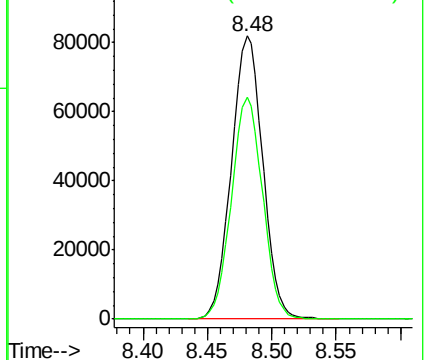
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 57.61 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025178.D

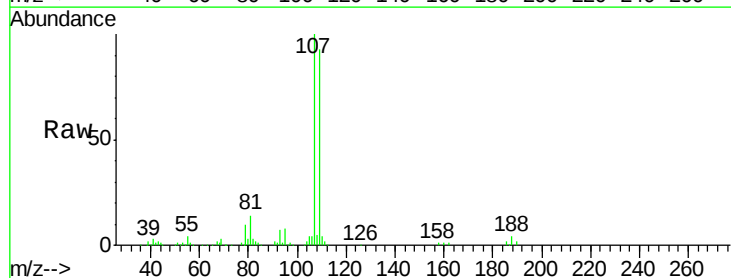
Acq: 03 Jul 2018 06:40

Tgt Ion:107 Resp: 136646

Ion Ratio Lower Upper

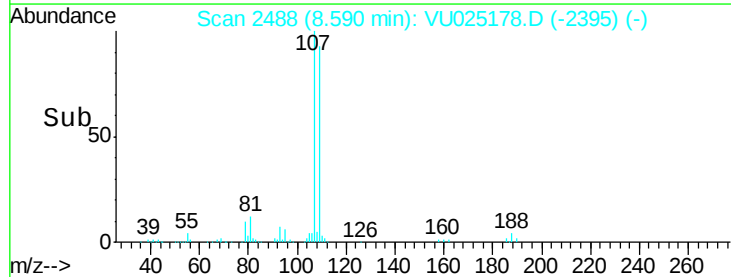
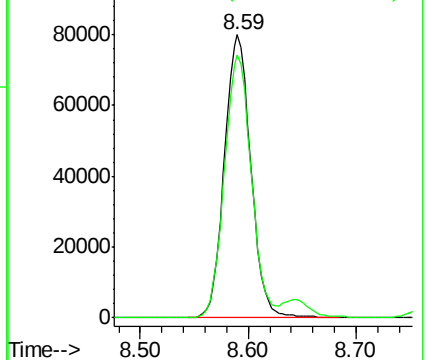
107 100

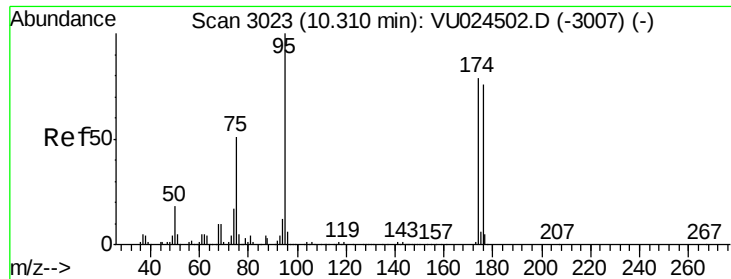
109 94.4 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 51.84 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

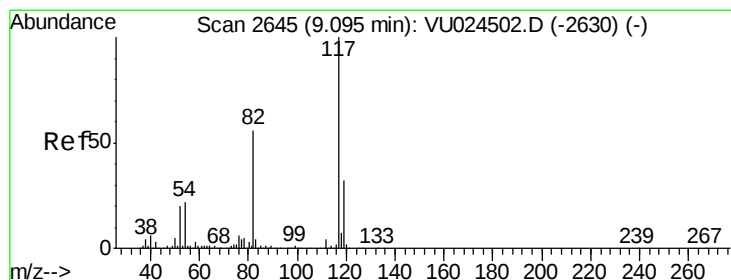
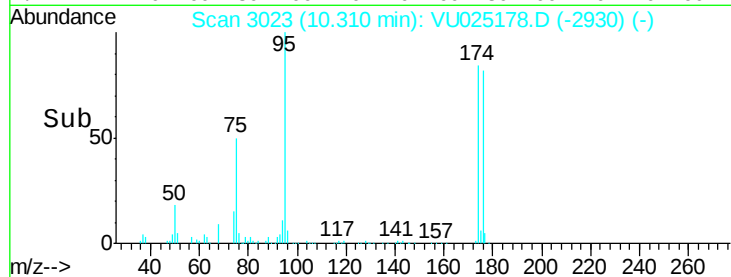
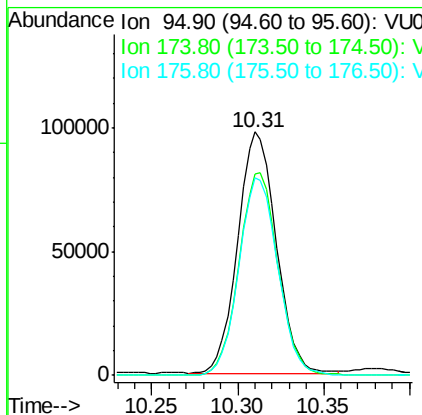
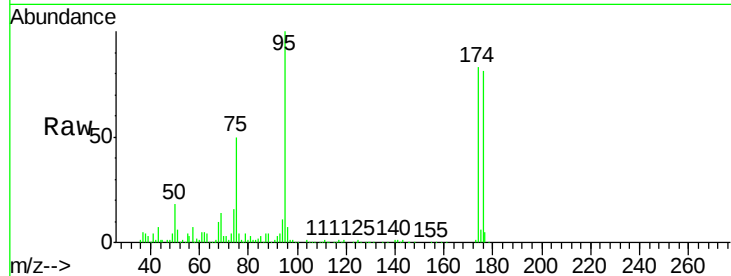
ClientSampleId :

MW-1-062818MS

Tot Ion:	95	Resp:	151636
Ion Ratio	Lower	Upper	
95	100		
174	85.4	0.0	165.8
176	83.3	0.0	159.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

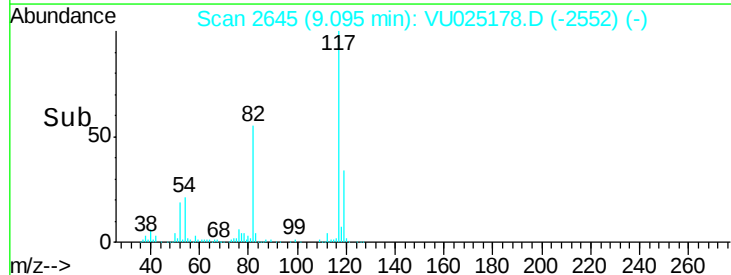
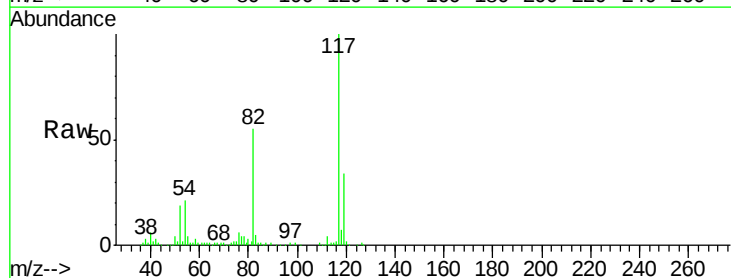
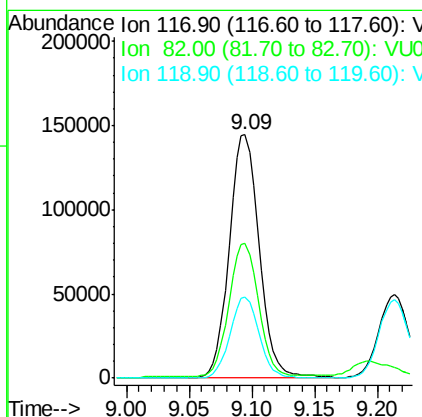
RT: 9.09 min Scan# 2645

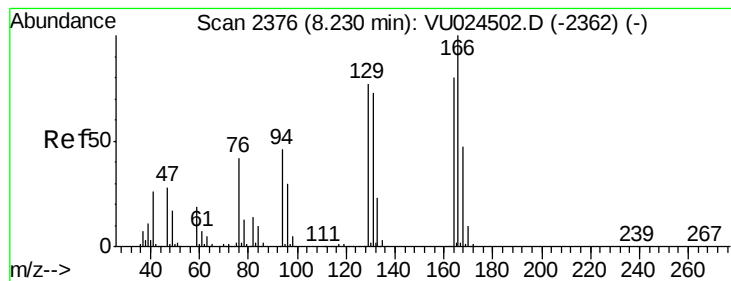
Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Tgt Ion:	117	Resp:	240292
Ion Ratio	Lower	Upper	
117	100		
82	54.2	44.3	66.5
119	33.5	25.4	38.2





#64

Tetrachloroethene

Concen: 47.77 ug/l

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

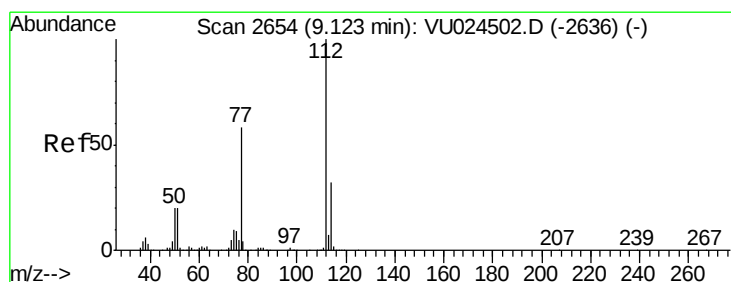
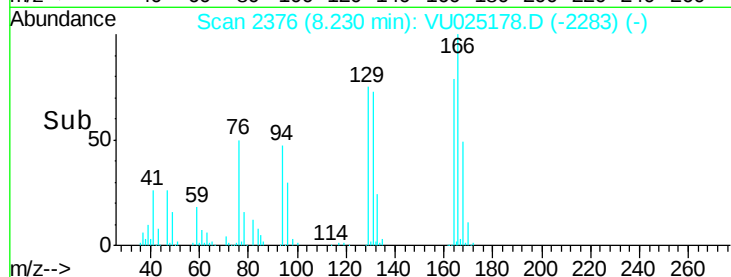
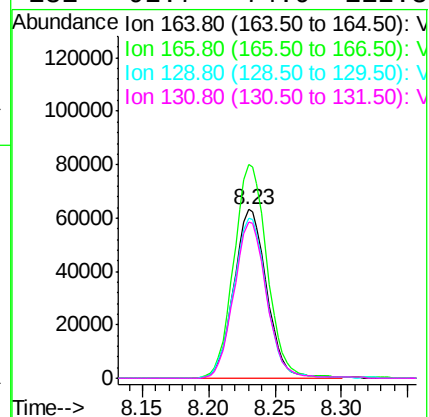
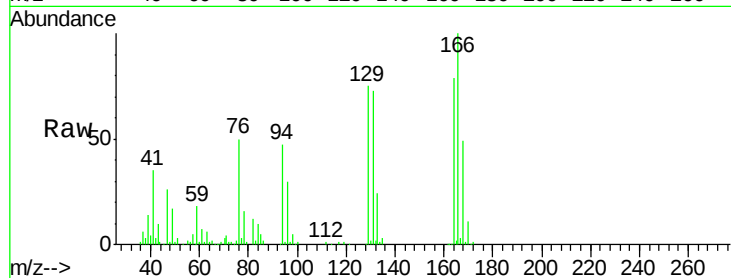
ClientSampleId :

MW-1-062818MS

Tot Ion	164	Resp	109110
Ion Ratio	Lower	Upper	
164	100		
166	126.6	101.7	152.5
129	94.8	76.9	115.3
131	92.7	74.9	112.3

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#65

Chlorobenzene

Concen: 55.11 ug/l

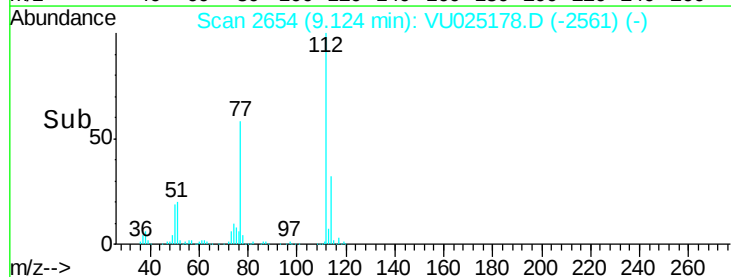
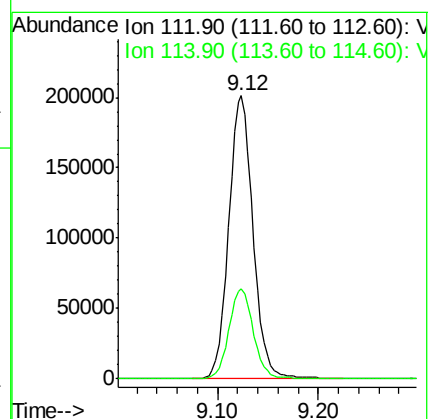
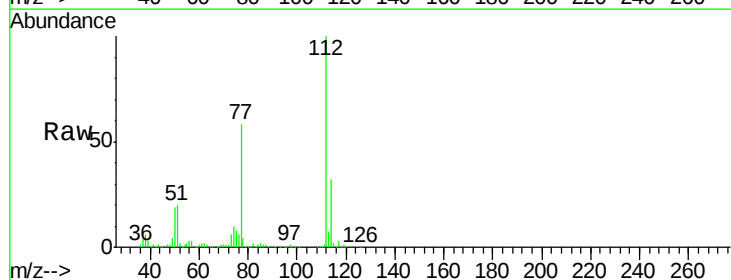
RT: 9.12 min Scan# 2654

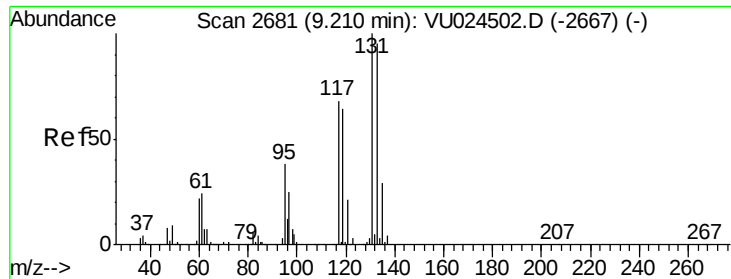
Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Tgt Ion	112	Resp	338311
Ion Ratio	Lower	Upper	
112	100		
114	31.6	25.6	38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 52.80 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

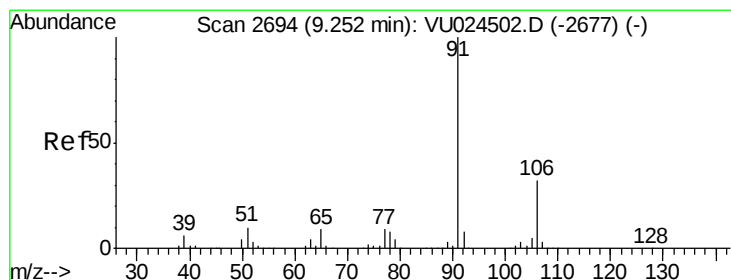
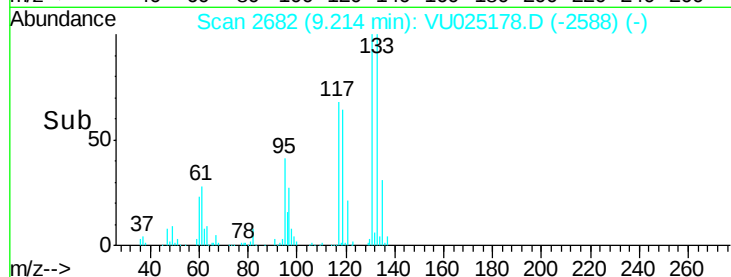
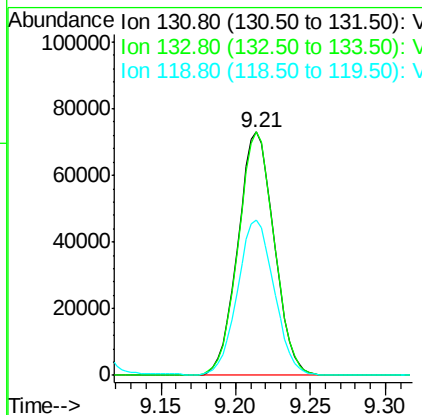
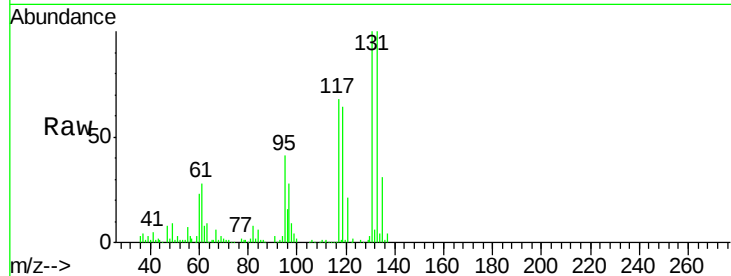
ClientSampleId :

MW-1-062818MS

Tot Ion:	131	Resp:	123129
Ion Ratio	Lower	Upper	
131	100		
133	99.3	46.9	140.8
119	64.7	33.5	100.4

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#67

Ethyl Benzene

Concen: 1117.60 ug/l

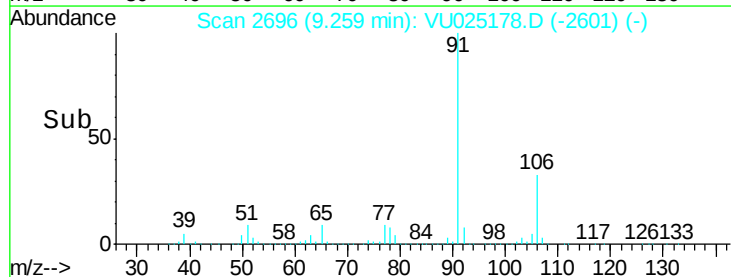
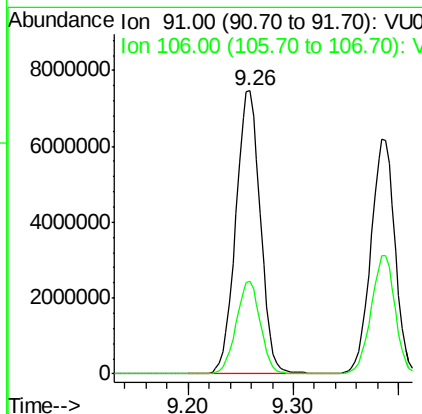
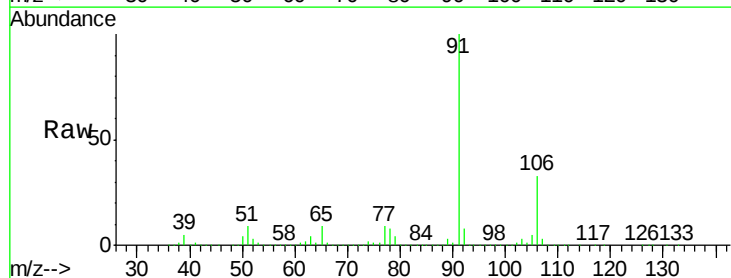
RT: 9.26 min Scan# 2696

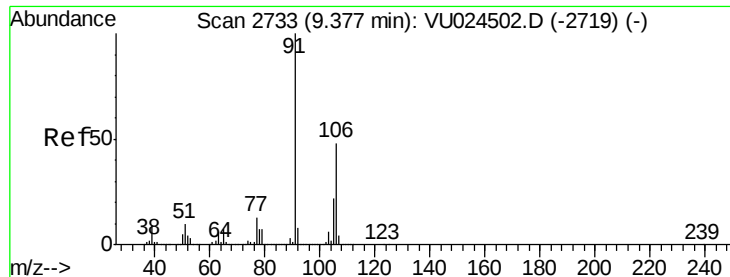
Delta R.T. 0.01 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Tgt Ion:	91	Resp:	12026942
Ion Ratio	Lower	Upper	
91	100		
106	32.8	24.2	36.4





#68

m/p-Xylenes

Concen: 1192.84 ug/l

RT: 9.39 min Scan# 2736

Delta R.T. 0.01 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

Tot Ion:106 Resp: 4929269

Ion Ratio Lower Upper

106 100

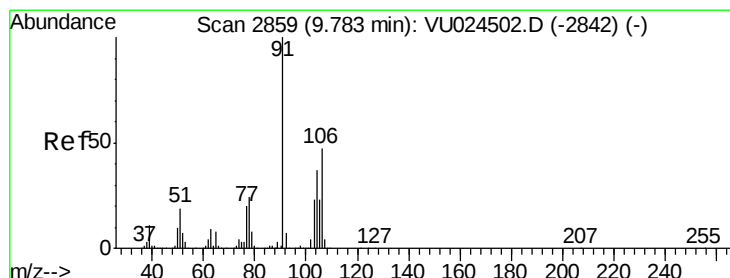
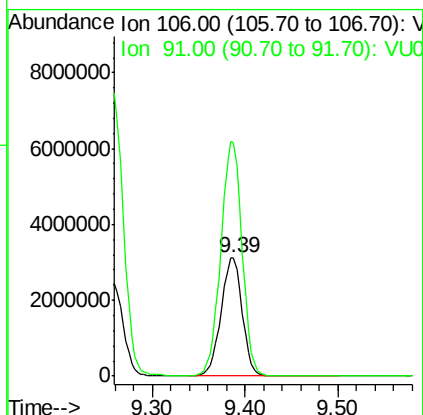
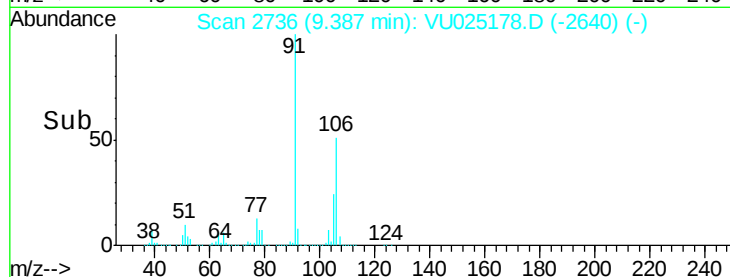
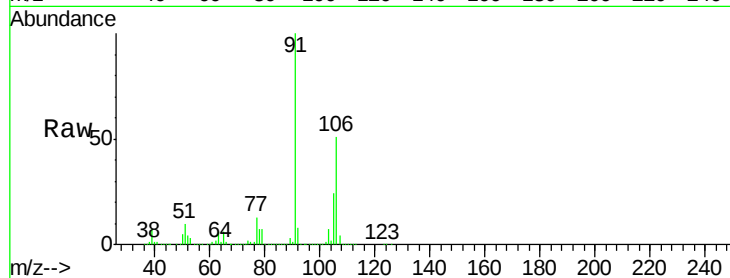
91 199.1 166.5 249.7

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#69

o-Xylene

Concen: 85.72 ug/l

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU025178.D

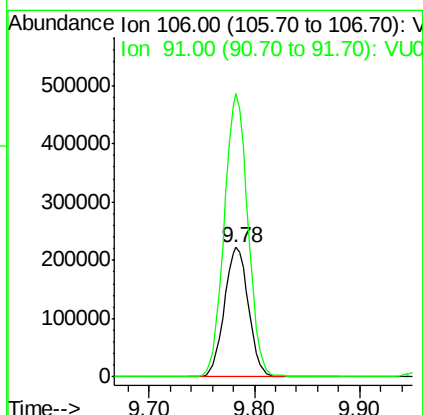
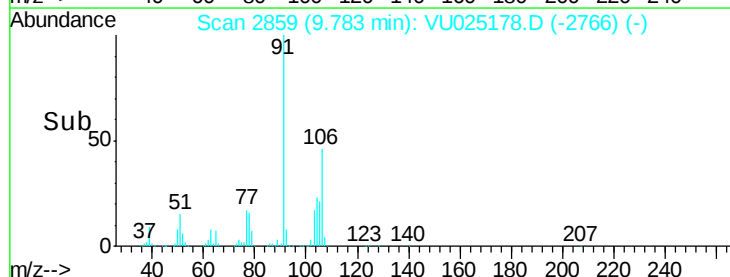
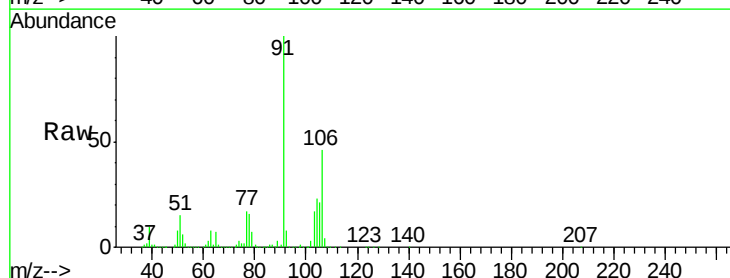
Acq: 03 Jul 2018 06:40

Tgt Ion:106 Resp: 350570

Ion Ratio Lower Upper

106 100

91 214.5 110.7 331.9





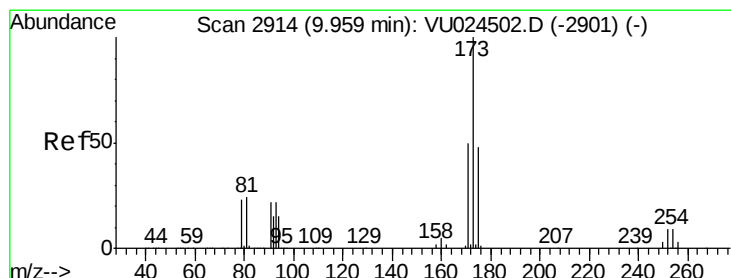
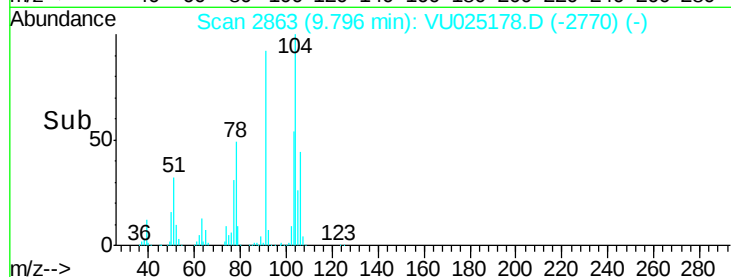
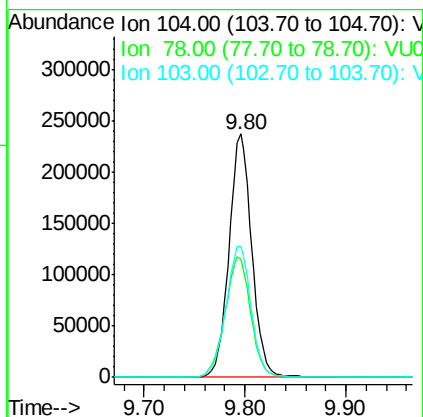
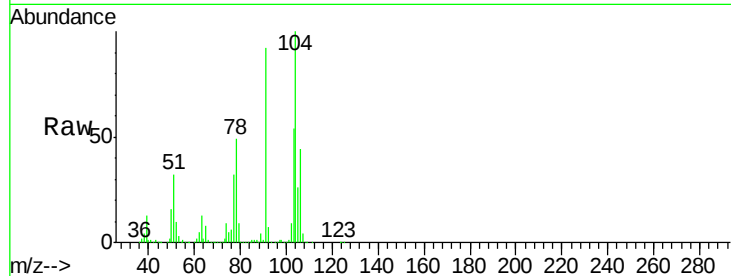
#70
Stvrene
Concen: 55.69 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	56.0	40.6	60.8
103	59.7	44.7	67.1

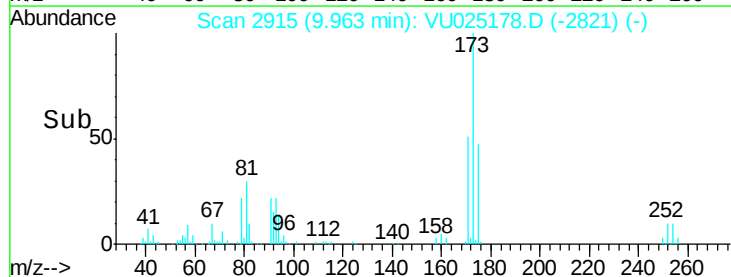
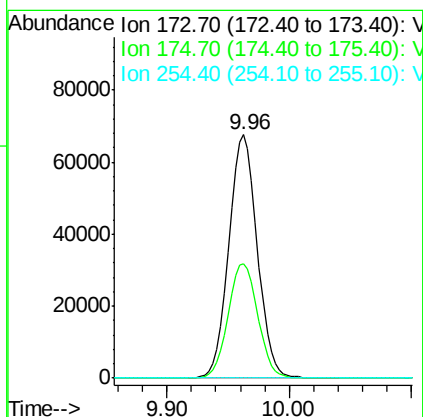
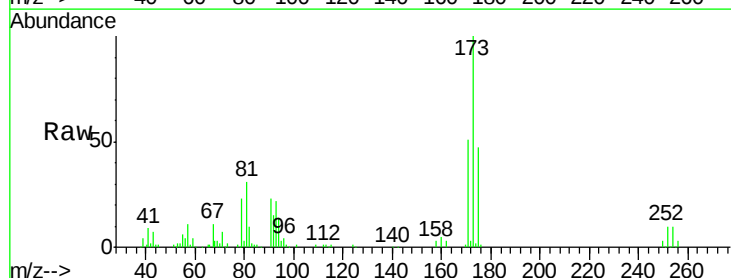
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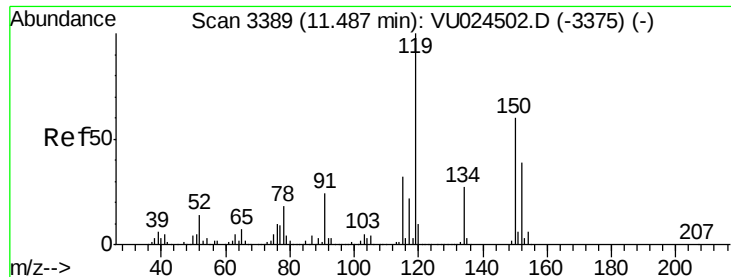
sam
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#71
Bromoform
Concen: 49.63 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.6	74.0
254	0.1	0.0	0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

Tot Ion:152 Resp: 158095

Ion Ratio Lower Upper

152 100

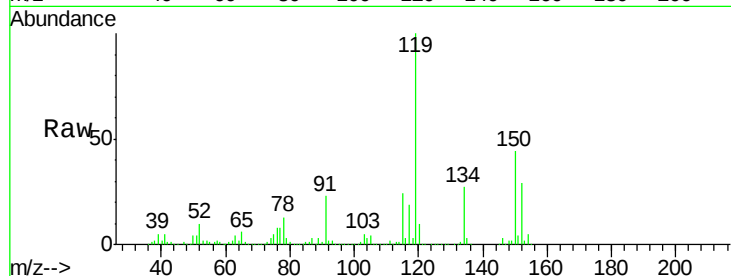
115 87.1 43.0 129.0

150 175.9 0.0 354.0

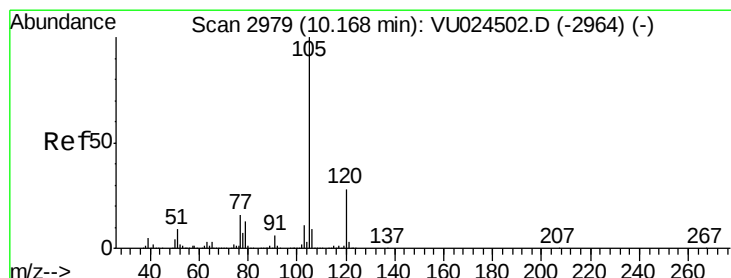
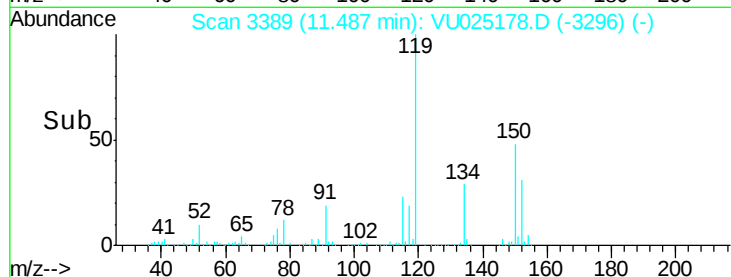
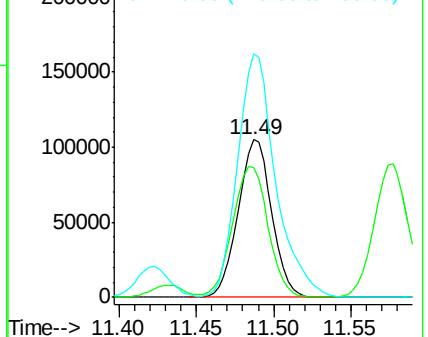
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 110.32 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025178.D

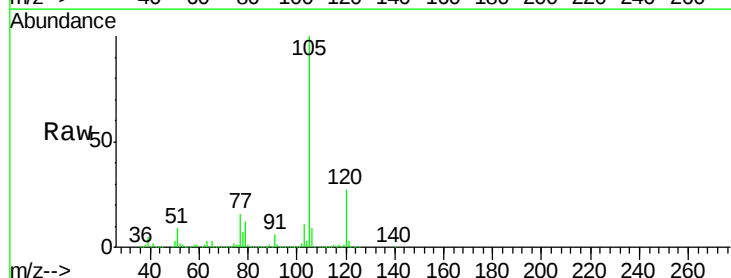
Acq: 03 Jul 2018 06:40

Tgt Ion:105 Resp: 1339015

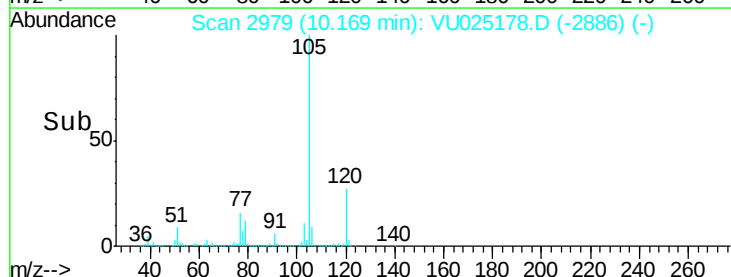
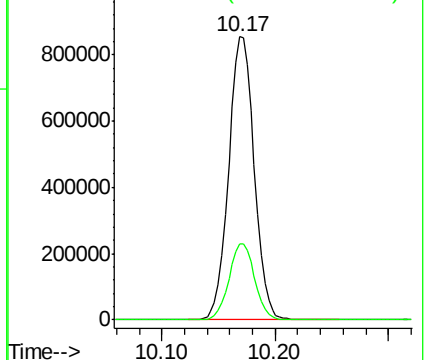
Ion Ratio Lower Upper

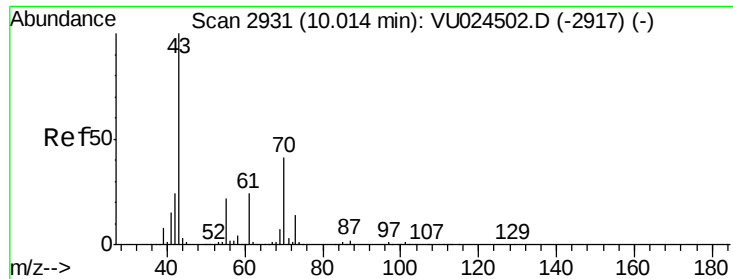
105 100

120 27.0 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.78 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

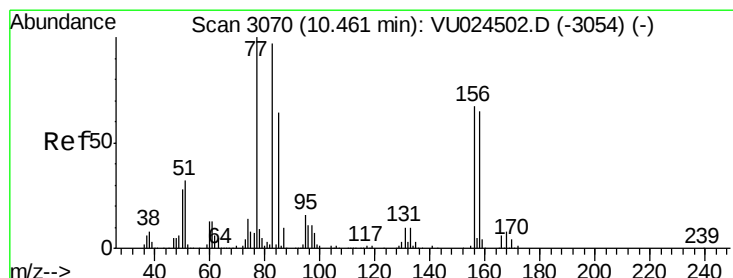
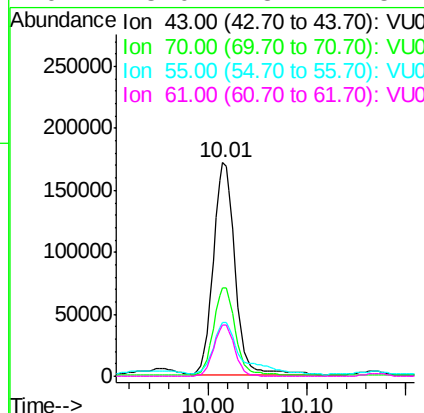
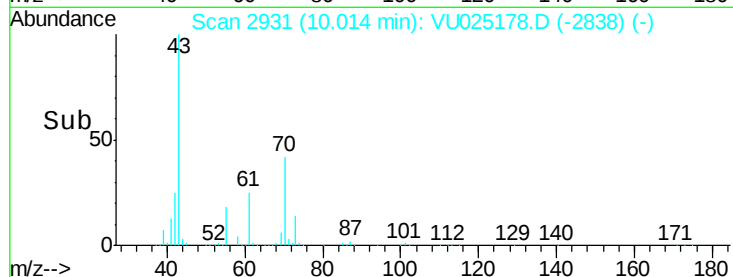
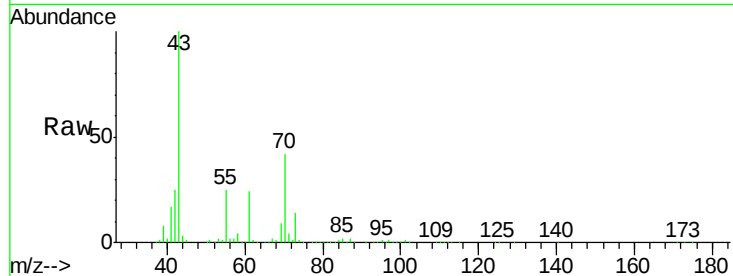
ClientSampleId :

MW-1-062818MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	41.4	32.2	48.4	
55	31.1	20.5	30.7	
61	23.0	18.7	28.1	

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#75

1,1,2,2-Tetrachloroethane

Concen: 53.28 ug/l

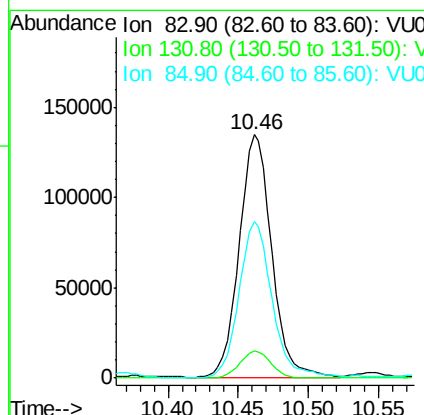
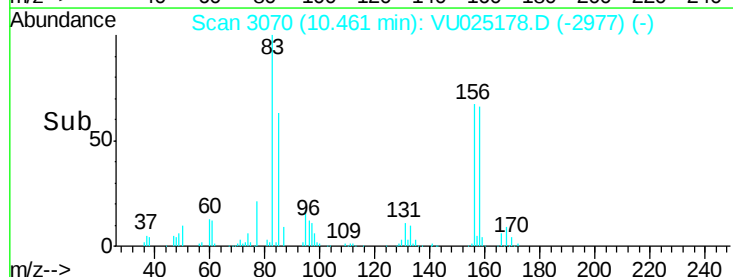
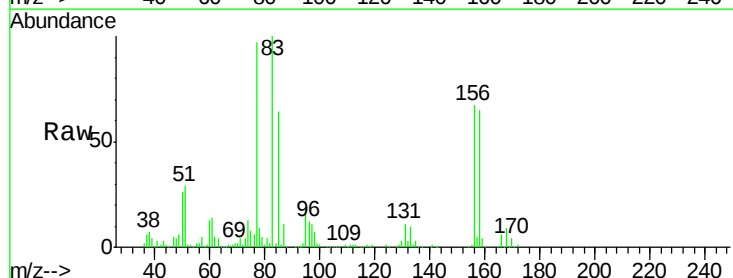
RT: 10.46 min Scan# 3070

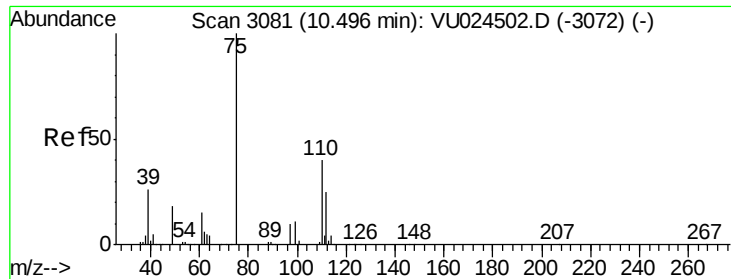
Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.8	4.7	14.1	
85	65.7	32.5	97.5	





#76

1,2,3-Trichloropropane

Concen: 50.51 ug/l m

RT: 10.50 min Scan# 3082

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

Tot Ion: 75 Resp: 175809

Ion Ratio Lower Upper

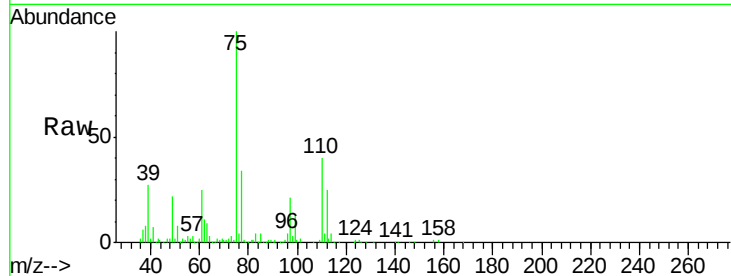
75 100

77 40.6 20.9 62.7

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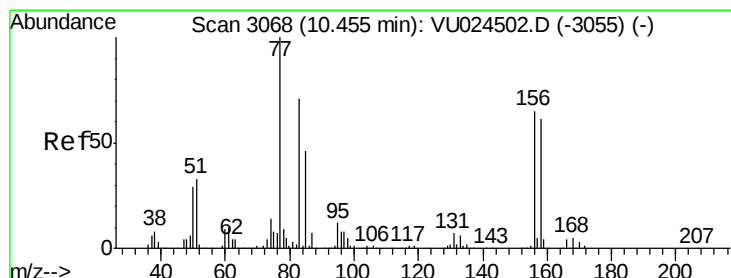
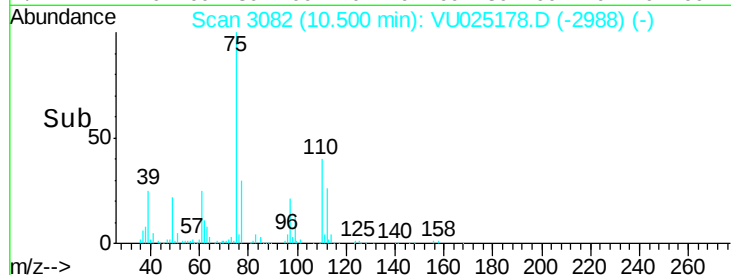
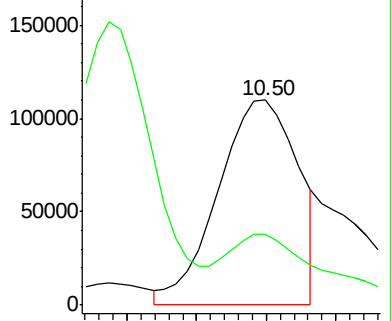
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Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#77

Bromobenzene

Concen: 52.78 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

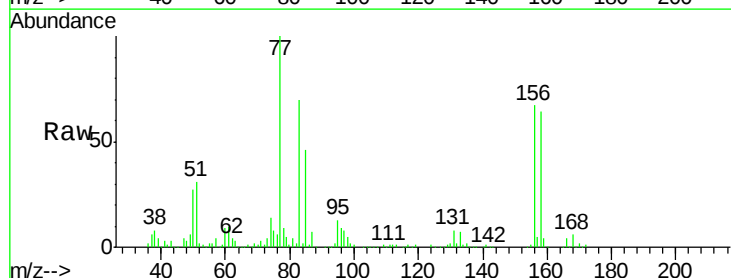
Tgt Ion: 156 Resp: 162201

Ion Ratio Lower Upper

156 100

77 148.6 80.5 241.3

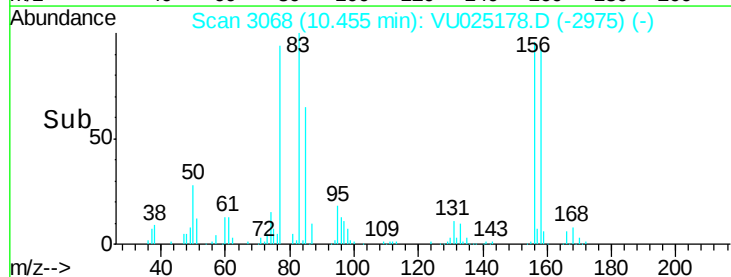
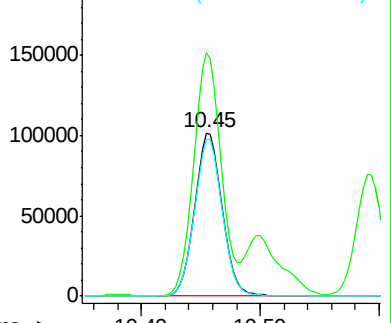
158 96.7 48.2 144.6

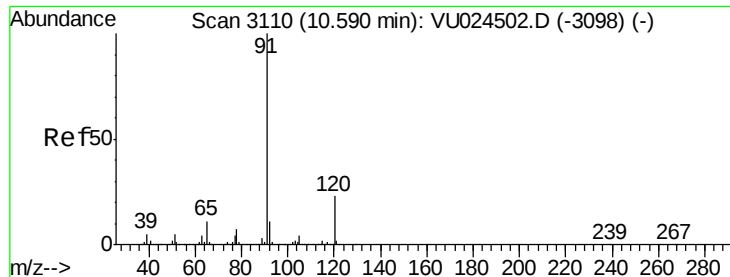


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 201.38 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

Tot Ion: 91 Resp: 2879420

Ion Ratio Lower Upper

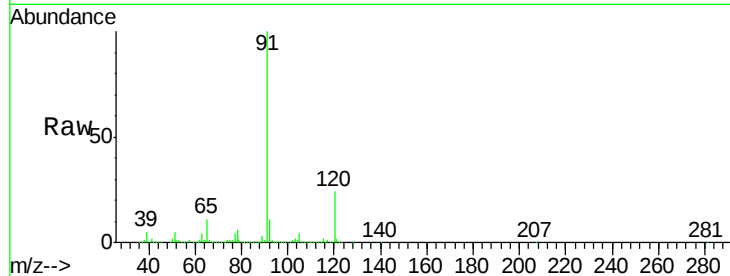
91 100

120 23.9 11.2 33.5

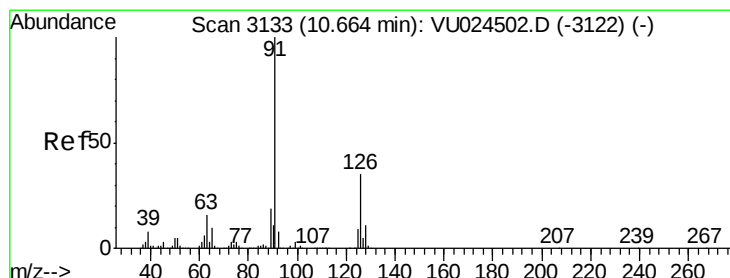
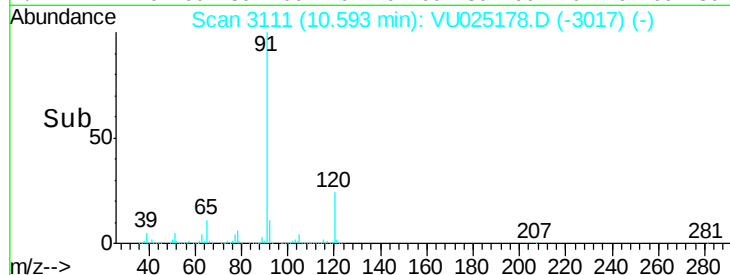
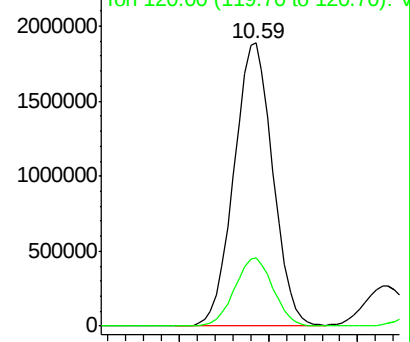
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3098) (-)



#79

2-Chlorotoluene

Concen: 55.20 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025178.D

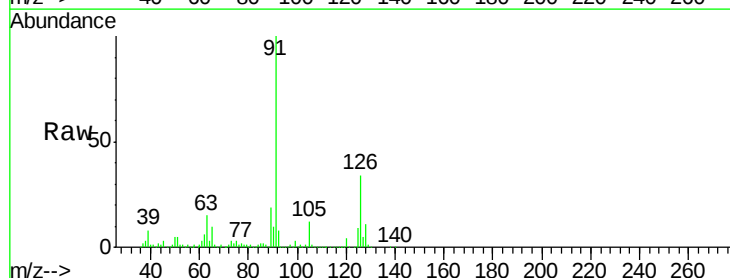
Acq: 03 Jul 2018 06:40

Tgt Ion: 91 Resp: 465404

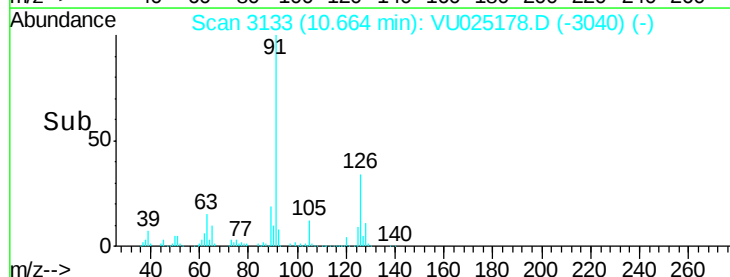
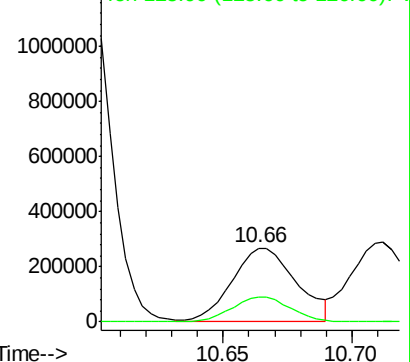
Ion Ratio Lower Upper

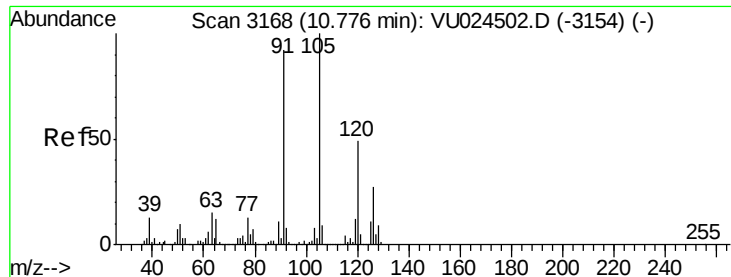
91 100

126 31.1 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3122) (-)





#80

1,3,5-Trimethylbenzene

Concen: 57.04 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

Tot Ion: 105 Resp: 600055

Ion Ratio Lower Upper

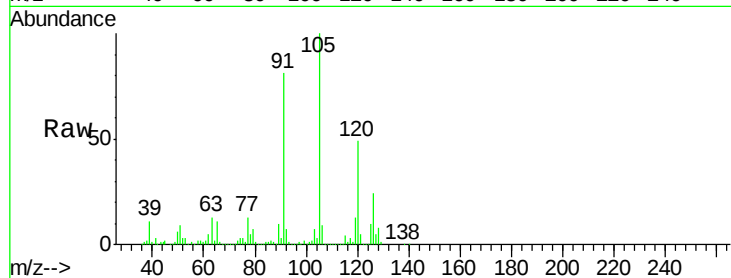
105 100

120 48.7 24.1 72.2

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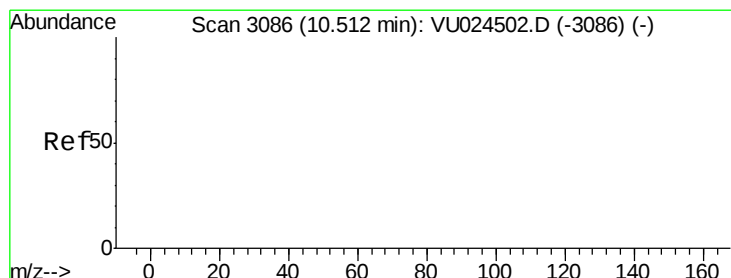
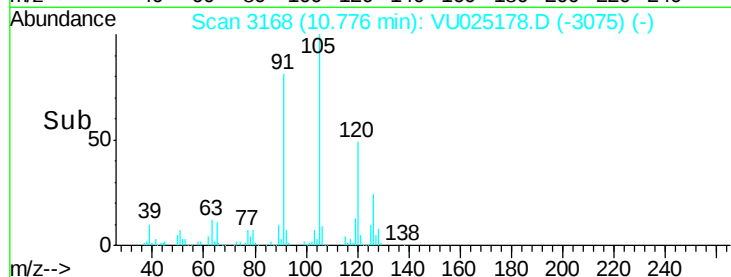
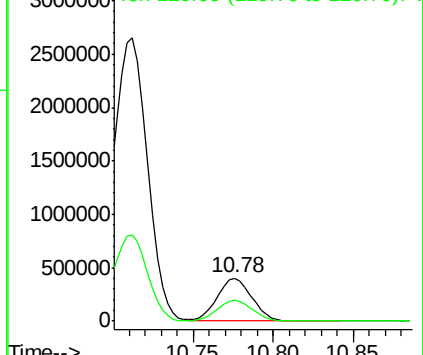
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 41.55 ug/l m

RT: 10.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

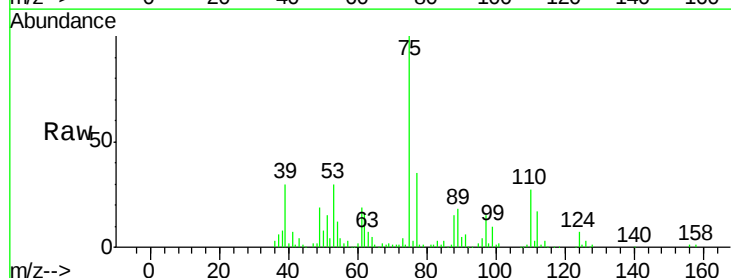
Tgt Ion: 75 Resp: 62483

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

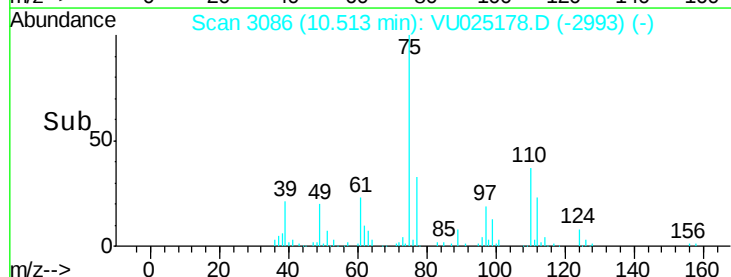
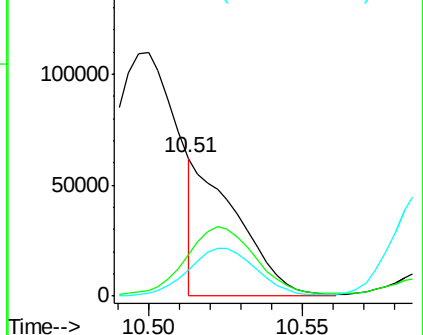
89 0.0 0.0 0.0

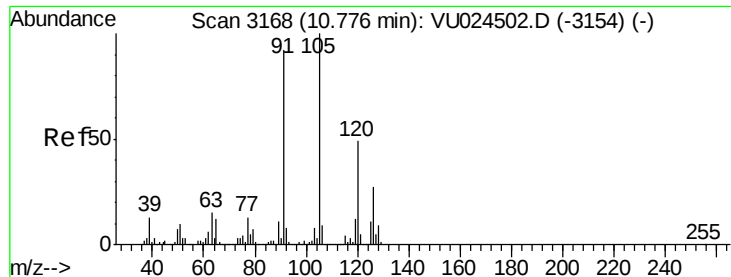


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#82

4-Chlorotoluene

Concen: 50.48 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

Tot Ion: 91 Resp: 495364

Ion Ratio Lower Upper

91 100

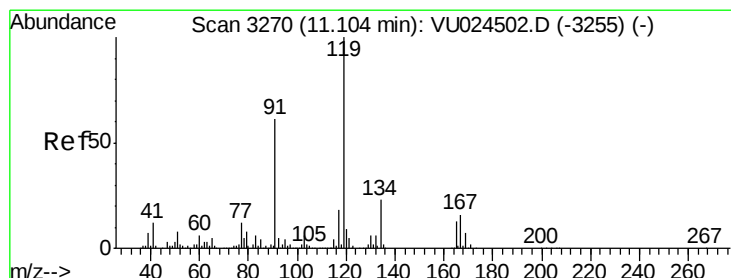
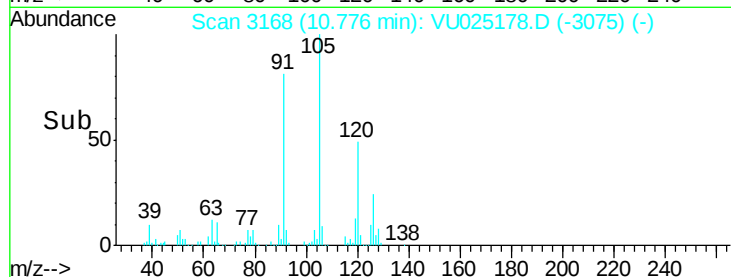
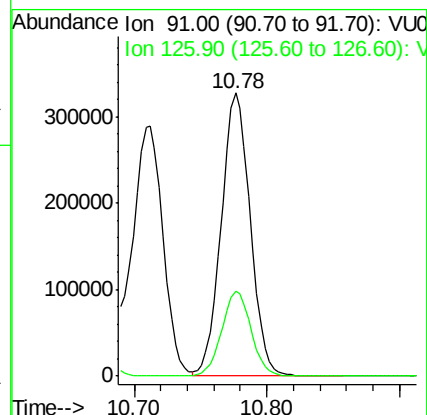
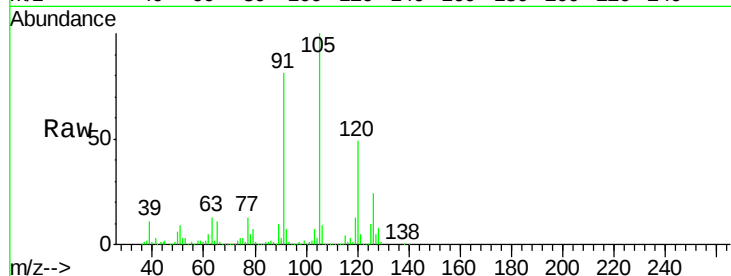
126 30.2 14.9 44.9

Manual Integrations

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#83

tert-Butylbenzene

Concen: 49.32 ug/l

RT: 11.11 min Scan# 3271

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

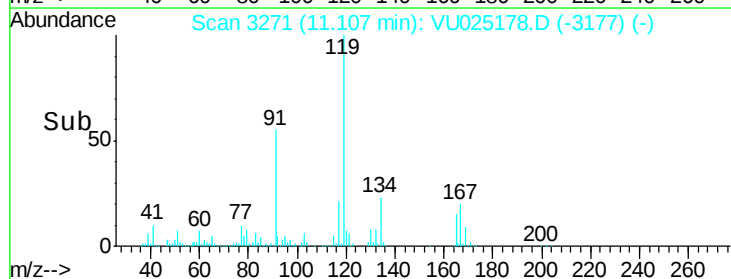
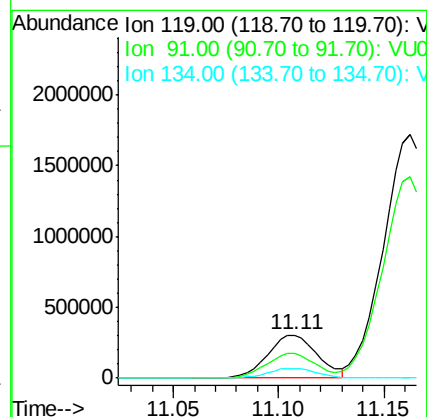
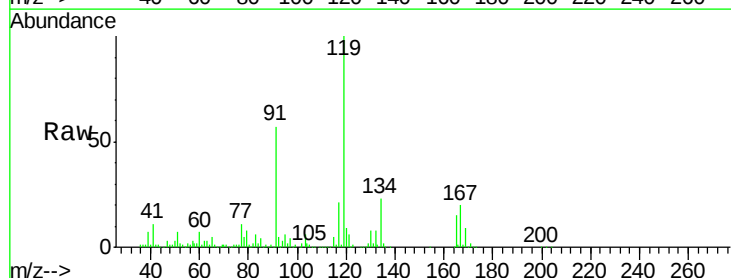
Tgt Ion: 119 Resp: 499078

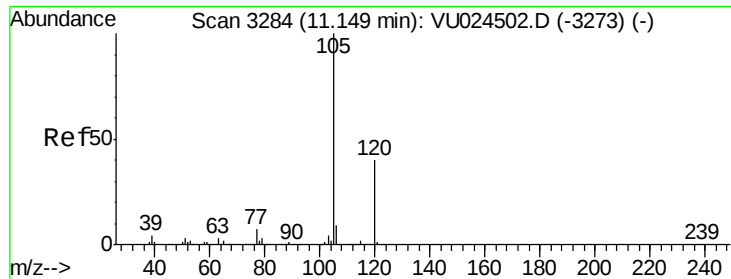
Ion Ratio Lower Upper

119 100

91 56.7 29.7 89.1

134 22.8 11.6 34.7





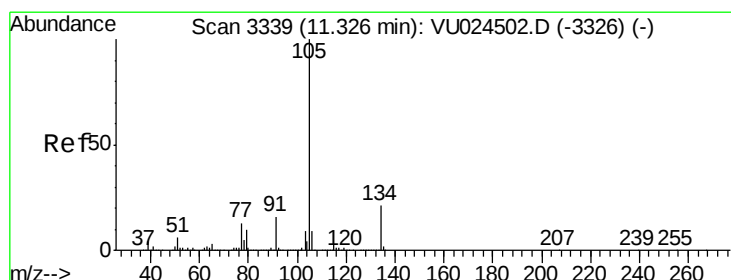
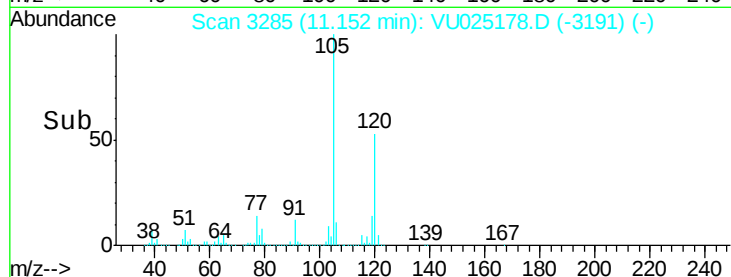
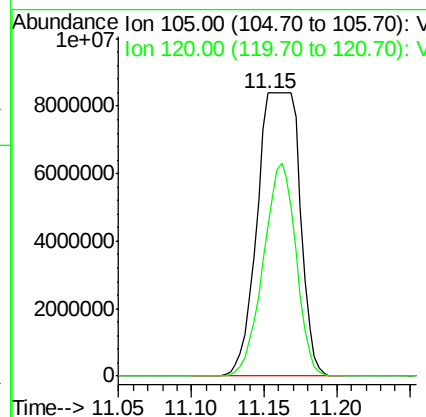
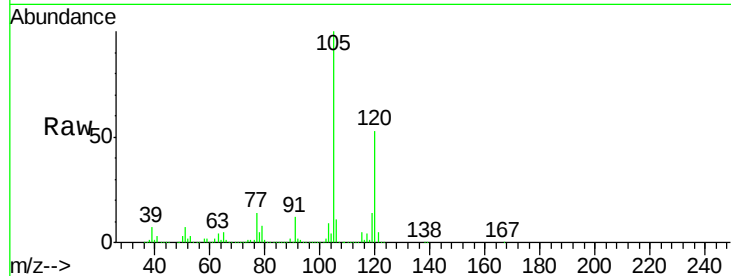
#84
 1,2,4-Trimethylbenzene
 Concen: 1599.76 ug/l m
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

Tot Ion:105 Resp:17151481
 Ion Ratio Lower Upper
 105 100
 120 11.7 22.6 67.8#

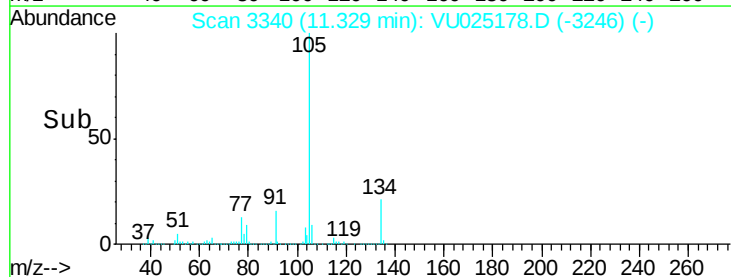
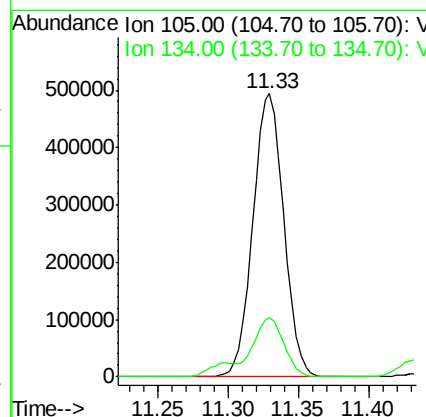
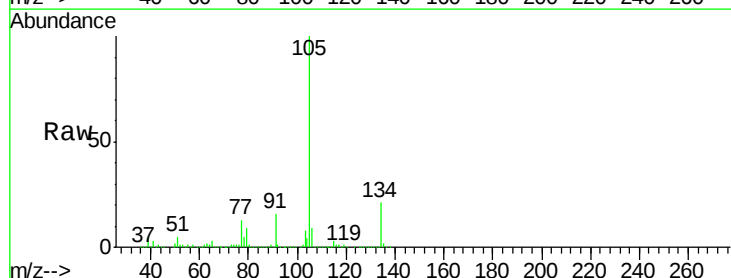
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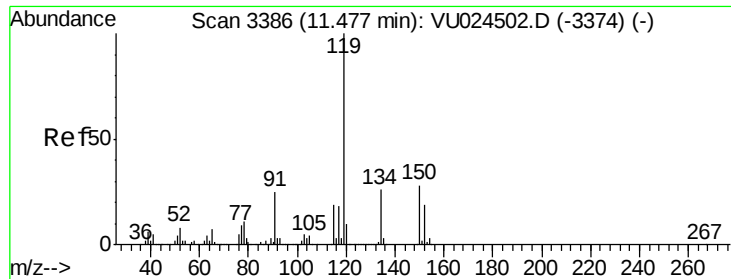
sam
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#85
 sec-Butylbenzene
 Concen: 59.75 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion:105 Resp: 756923
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.7 29.1





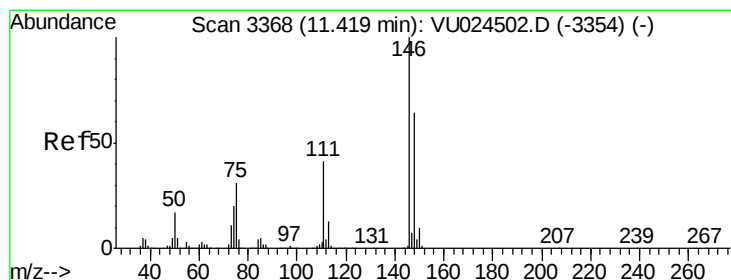
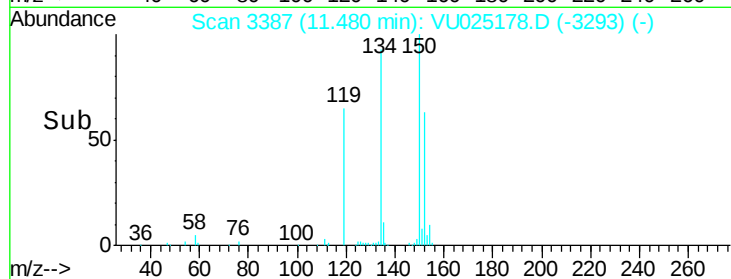
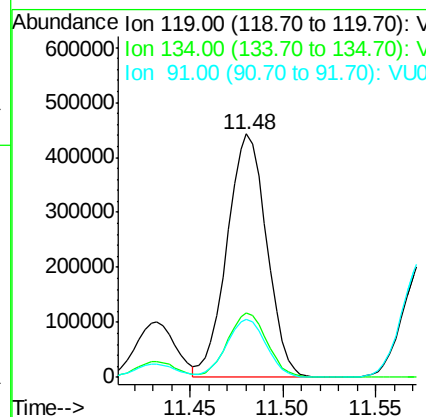
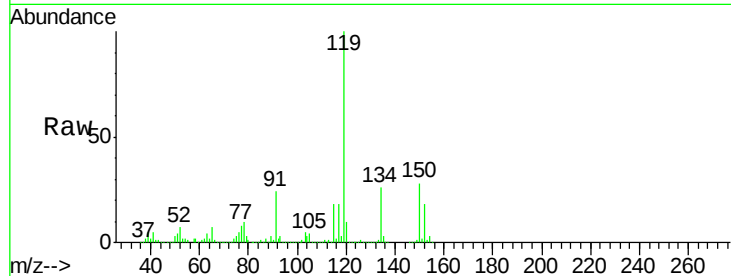
#86
p-Isopropyltoluene
Concen: 57.72 ug/l
RT: 11.48 min Scan# 3387
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.9	38.6
91	23.9	12.0	36.1

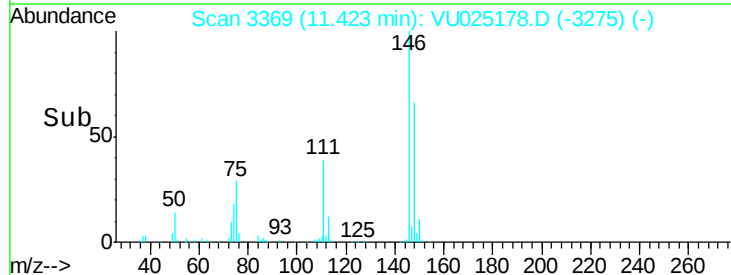
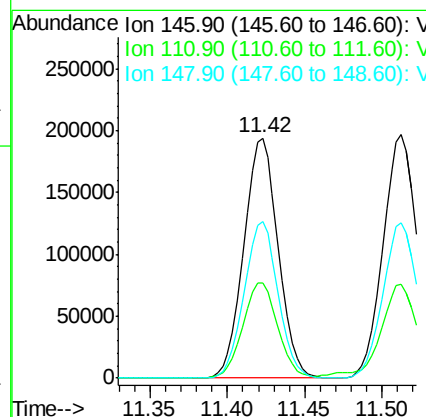
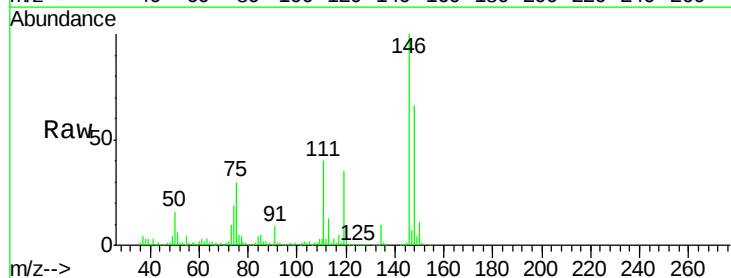
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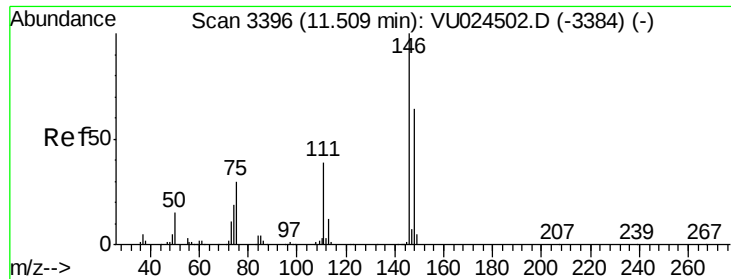
sam
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#87
1,3-Dichlorobenzene
Concen: 52.68 ug/l
RT: 11.42 min Scan# 3369
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	64.3	32.1	96.5





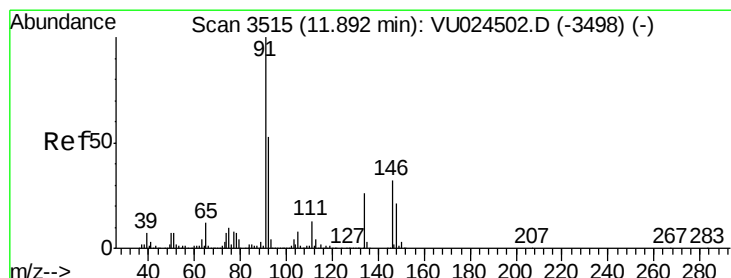
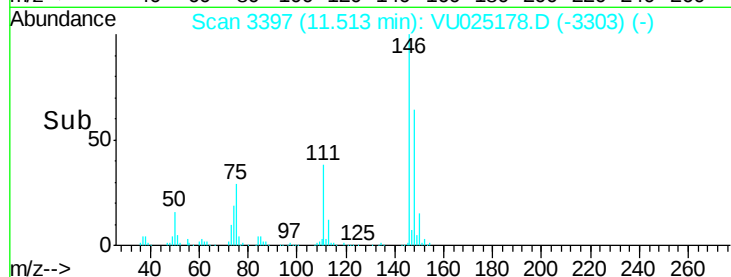
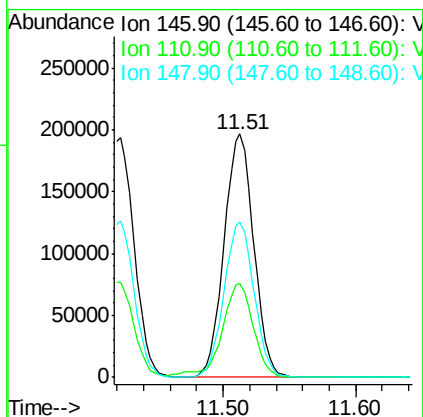
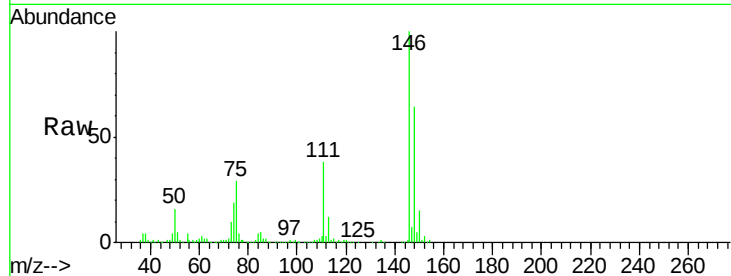
#88
 1,4-Dichlorobenzene
 Concen: 53.29 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.5	58.5
148	64.6	32.4	97.0

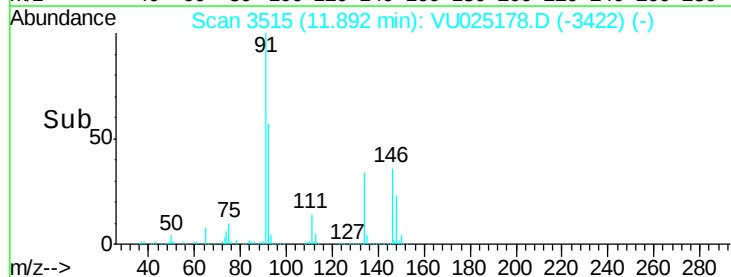
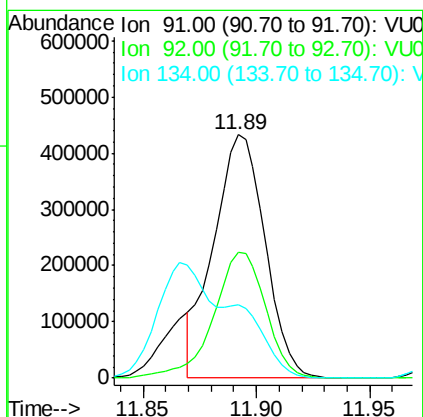
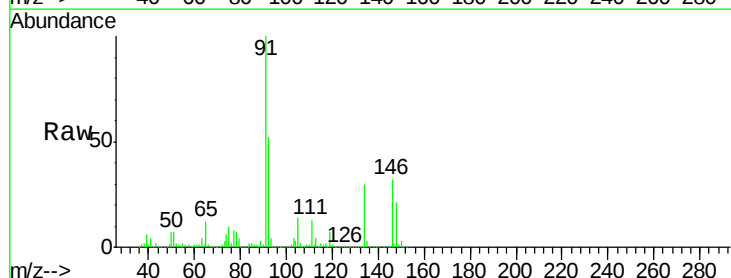
Manual Integrations
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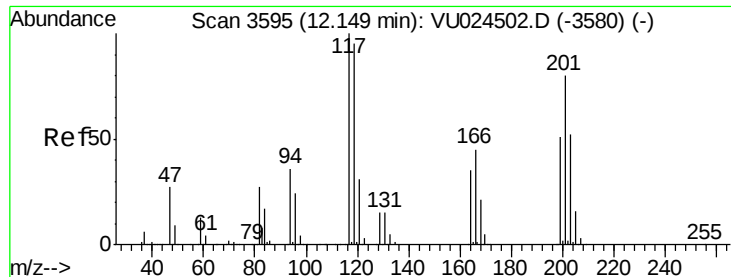
sam
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#89
 n-Butylbenzene
 Concen: 67.64 ug/l m
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.3	25.6	76.8
134	0.0	12.3	36.8#





#90

Hexachloroethane

Concen: 110.35 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

Tot Ion:117 Resp: 244225

Ion Ratio Lower Upper

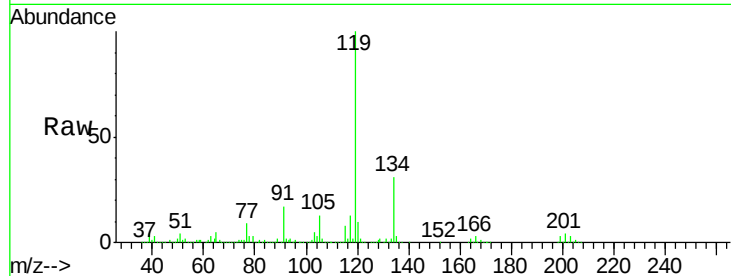
117 100

201 31.6 41.1 123.3#

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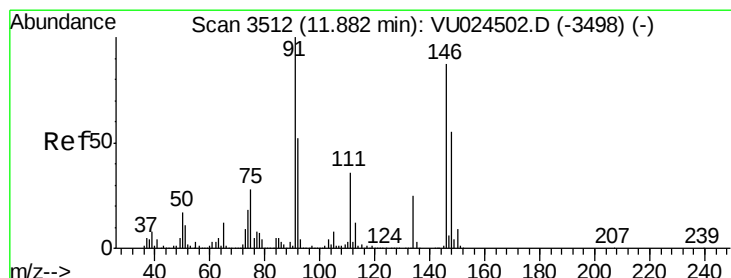
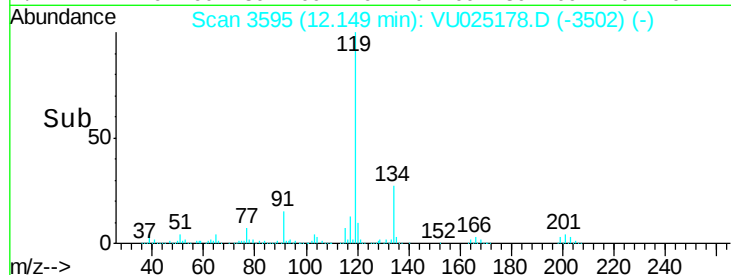
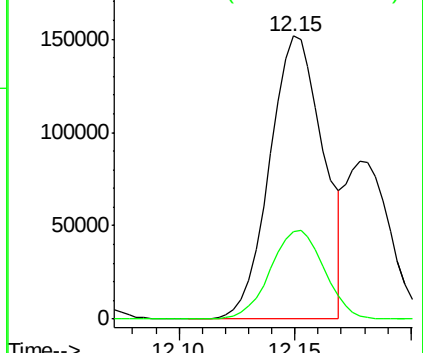
sam

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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 55.00 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

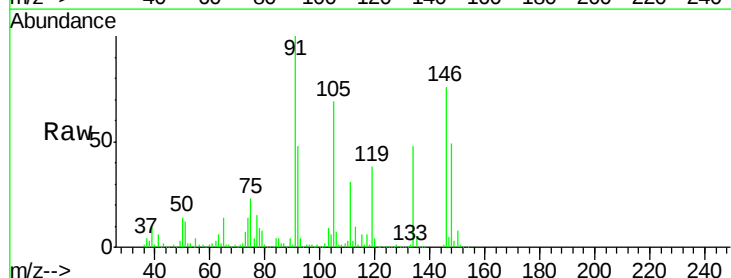
Tgt Ion:146 Resp: 312747

Ion Ratio Lower Upper

146 100

111 40.5 20.5 61.6

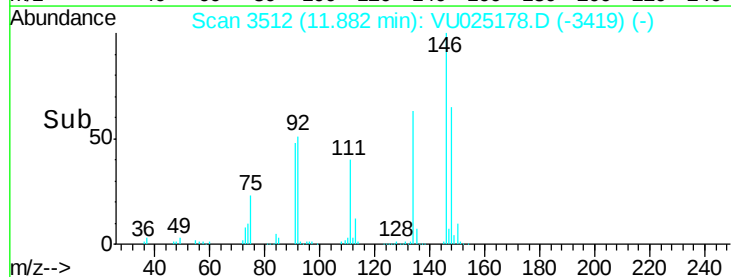
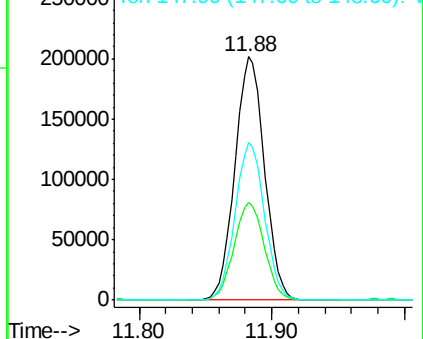
148 64.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





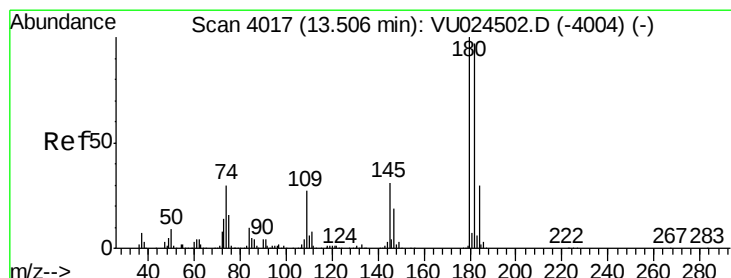
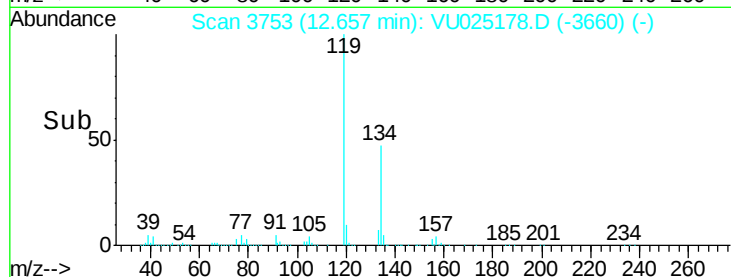
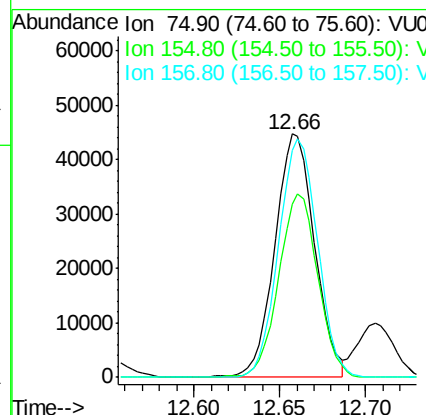
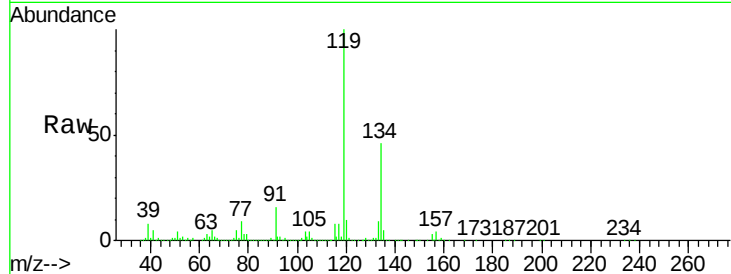
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 63.91 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	74.2	40.4	121.2
157	96.1	52.3	156.8

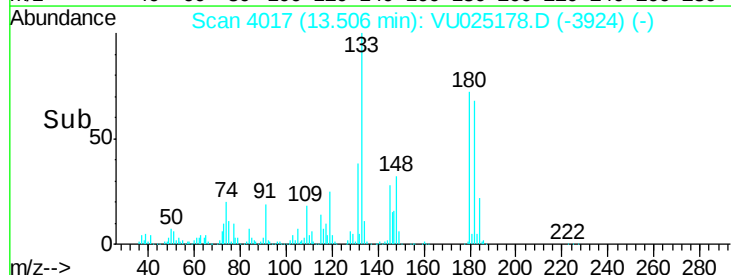
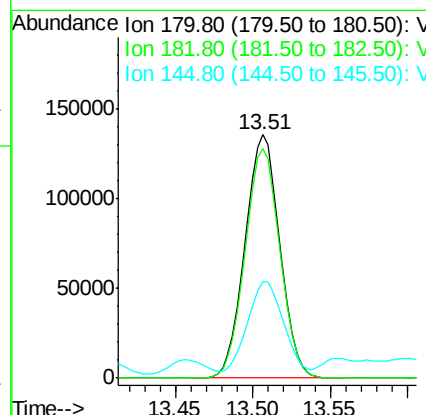
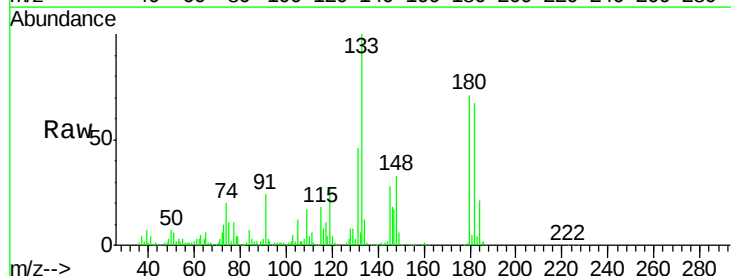
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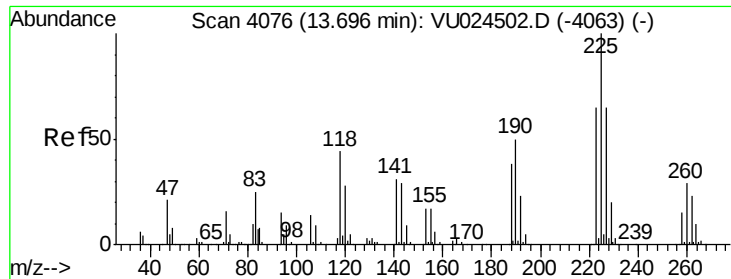
sam
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#93
 1,2,4-Trichlorobenzene
 Concen: 60.41 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.0	144.2
145	37.1	14.7	44.1





#94

Hexachlorobutadiene

Concen: 36.11 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

Tot Ion:225 Resp: 71372

Ion Ratio Lower Upper

225 100

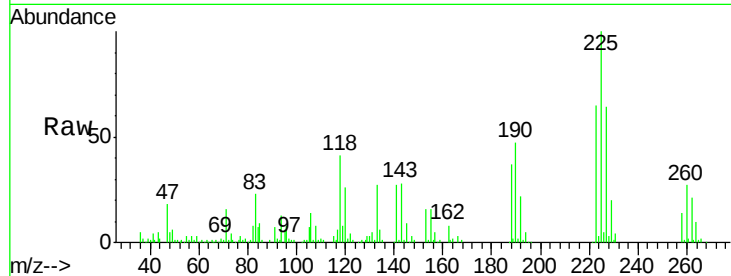
223 63.2 31.3 93.8

227 63.6 31.8 95.4

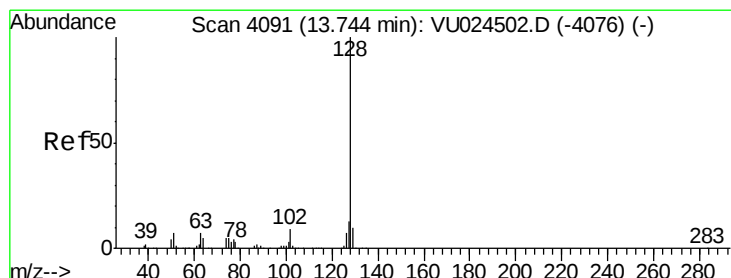
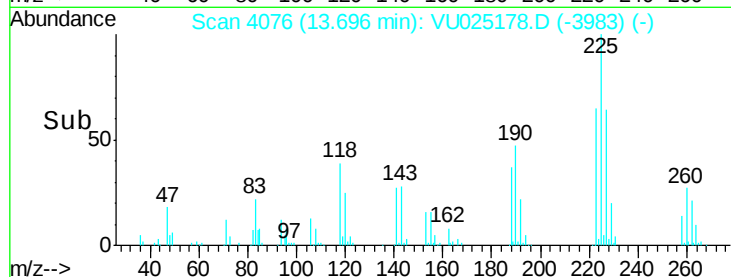
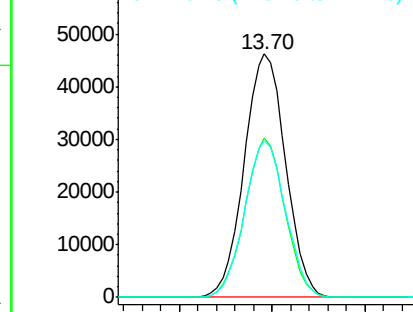
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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 227.92 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

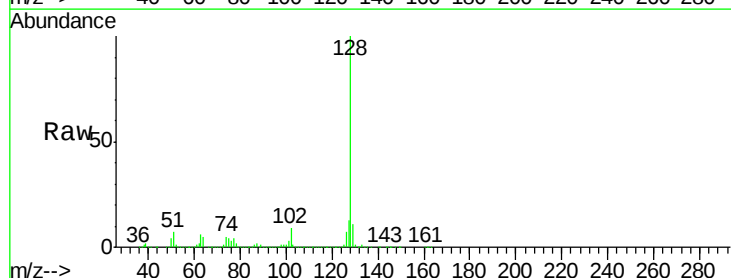
Tgt Ion:128 Resp: 2678028

Ion Ratio Lower Upper

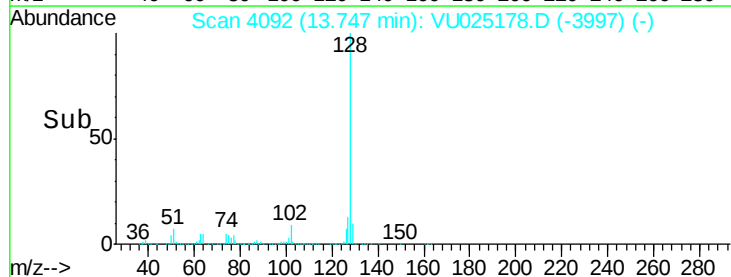
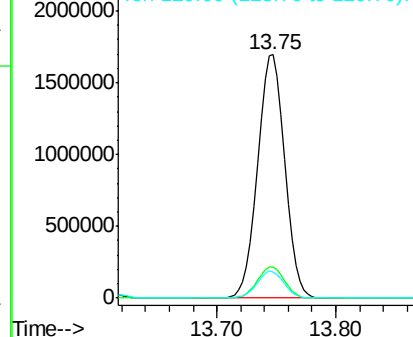
128 100

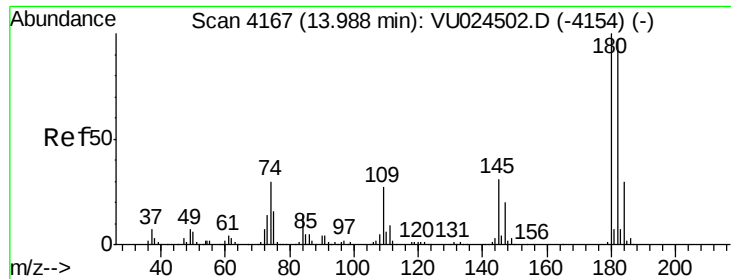
127 12.9 10.6 16.0

129 11.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





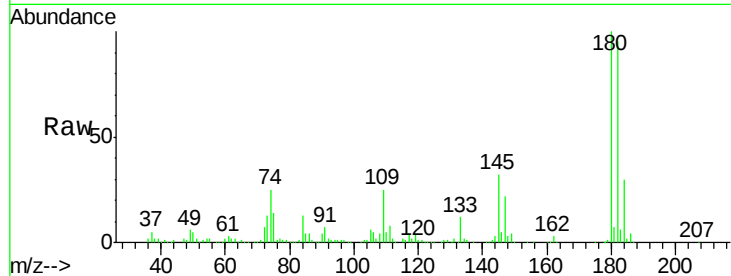
#96
 1,2,3-Trichlorobenzene
 Concen: 62.81 ug/l
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.7
145	44.6	15.4	46.1

Manual Integrations
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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

