

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024579.D
 Acq On : 15 Jun 2018 07:08
 Operator : MD/SY
 Sample : J3478-03MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MS

Manual Integrations
 APPROVED

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 6/15/2018 3:16:09 PM

Quant Time: Jun 15 08:39:05 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	167283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	270692	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	259038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	152395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	129456	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
35) Dibromofluoromethane	4.89	113	113624	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	7.57	98	410599	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	10.31	95	159870	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	85972	41.059	ug/l	99
3) Chloromethane	1.33	50	97919	45.774	ug/l	98
4) Vinyl Chloride	1.41	62	113918	51.638	ug/l	97
5) Bromomethane	1.63	94	51199	48.008	ug/l	100
6) Chloroethane	1.70	64	65402	53.119	ug/l	100
7) Trichlorofluoromethane	1.89	101	157184	46.688	ug/l	98
8) Diethyl Ether	2.10	74	59947	52.412	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	88057	42.159	ug/l	97
10) Methyl Iodide	2.41	142	42777	26.929	ug/l	99
11) Tert butyl alcohol	2.82	59	120084	180.799	ug/l	97
12) 1,1-Dichloroethene	2.29	96	86068	45.186	ug/l	91
13) Acrolein	2.20	56	66895	191.796	ug/l	98
14) Allyl chloride	2.60	41	138498	39.161	ug/l	92
15) Acrylonitrile	2.94	53	298873	231.281	ug/l	98
16) Acetone	2.32	43	239826	163.444	ug/l	95
17) Carbon Disulfide	2.48	76	266373	43.674	ug/l	100
18) Methyl Acetate	2.62	43	131806	41.901	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	321794	44.944	ug/l	98
20) Methylene Chloride	2.71	84	99169	43.073	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	96689	46.088	ug/l	92
22) Diisopropyl ether	3.57	45	321083	45.798	ug/l	96
23) Vinyl Acetate	3.53	43	1327031	211.302	ug/l	98
24) 1,1-Dichloroethane	3.45	63	182013	45.129	ug/l	99
25) 2-Butanone	4.26	43	420461	213.329	ug/l	97
26) 2,2-Dichloropropane	4.23	77	97227	25.388	ug/l	90
27) cis-1,2-Dichloroethene	4.23	96	152797	63.352	ug/l	89
28) Bromochloromethane	4.55	49	93941	52.881	ug/l	88
29) Tetrahydrofuran	4.63	42	277962	227.736	ug/l	97
30) Chloroform	4.68	83	187017	45.813	ug/l	100
31) Cyclohexane	5.00	56	164962	45.897	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	166790	44.184	ug/l	96
36) 1,1-Dichloropropene	5.14	75	139756	43.937	ug/l	97
37) Ethyl Acetate	4.38	43	150709	43.471	ug/l	96
38) Carbon Tetrachloride	5.14	117	151855	43.414	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	165486	41.690	ug/l	94
40) Benzene	5.39	78	409278	45.156	ug/l	98
41) Methacrylonitrile	4.54	41	87962	47.058	ug/l	97
42) 1,2-Dichloroethane	5.41	62	147367	42.690	ug/l	98
43) Isopropyl Acetate	5.55	43	254820	42.522	ug/l	98
44) Trichloroethene	6.19	130	118980	46.125	ug/l	93
45) 1,2-Dichloropropane	6.44	63	111225	45.991	ug/l	99
46) Dibromomethane	6.56	93	78622	46.283	ug/l	93
47) Bromodichloromethane	6.76	83	149978	44.338	ug/l	99
48) Methyl methacrylate	6.63	41	129187	44.271	ug/l	98
49) 1,4-Dioxane	6.62	88	43793	767.402	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	855077	227.118	ug/l	98
52) Toluene	7.64	92	260706	44.709	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	155060	40.819	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	165032	40.771	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	108883	45.936	ug/l	99
56) Ethyl methacrylate	8.02	69	178491	44.990	ug/l	98
57) 1,3-Dichloropropane	8.25	76	182555	45.655	ug/l	98
59) 2-Hexanone	8.36	43	657971	214.066	ug/l	98
60) Dibromochloromethane	8.48	129	129976	43.973	ug/l	99
61) 1,2-Dibromoethane	8.59	107	119784	45.403	ug/l	99
64) Tetrachloroethene	8.23	164	103629	42.087	ug/l	98
65) Chlorobenzene	9.12	112	300289	45.378	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.21	131	113605	45.187	ug/l	99
67) Ethyl Benzene	9.25	91	514433	44.344	ug/l	97
68) m/p-Xylenes	9.38	106	401920	90.223	ug/l	96
69) o-Xylene	9.78	106	196670	44.609	ug/l	95
70) Styrene	9.80	104	326677	45.090	ug/l	100
71) Bromoform	9.96	173	108301	45.321	ug/l #	99
73) Isopropylbenzene	10.17	105	521790	44.596	ug/l	98
74) N-amyl acetate	10.01	43	229829	41.297	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	182149	46.457	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	159313m	47.483	ug/l	
77) Bromobenzene	10.45	156	137182	46.313	ug/l	94
78) n-propylbenzene	10.59	91	611135	44.340	ug/l	97
79) 2-Chlorotoluene	10.66	91	358436	44.099	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	445969	43.976	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	51935m	35.825	ug/l	
82) 4-Chlorotoluene	10.78	91	424359	44.858	ug/l	98
83) tert-Butylbenzene	11.10	119	445541	45.673	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	461065	44.613	ug/l	99
85) sec-Butylbenzene	11.33	105	532931	43.645	ug/l	97
86) p-Isopropyltoluene	11.48	119	474161	43.358	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	249470	45.586	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	253475	46.019	ug/l	99
89) n-Butylbenzene	11.89	91	421779	43.441	ug/l	97
90) Hexachloroethane	12.15	117	89663	42.029	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	249268	45.476	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	45728	42.268	ug/l	85
93) 1,2,4-Trichlorobenzene	13.51	180	172062	50.833	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	80065	42.025	ug/l	99
95) Naphthalene	13.74	128	527871	47.147	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	174752	51.812	ug/l	99

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

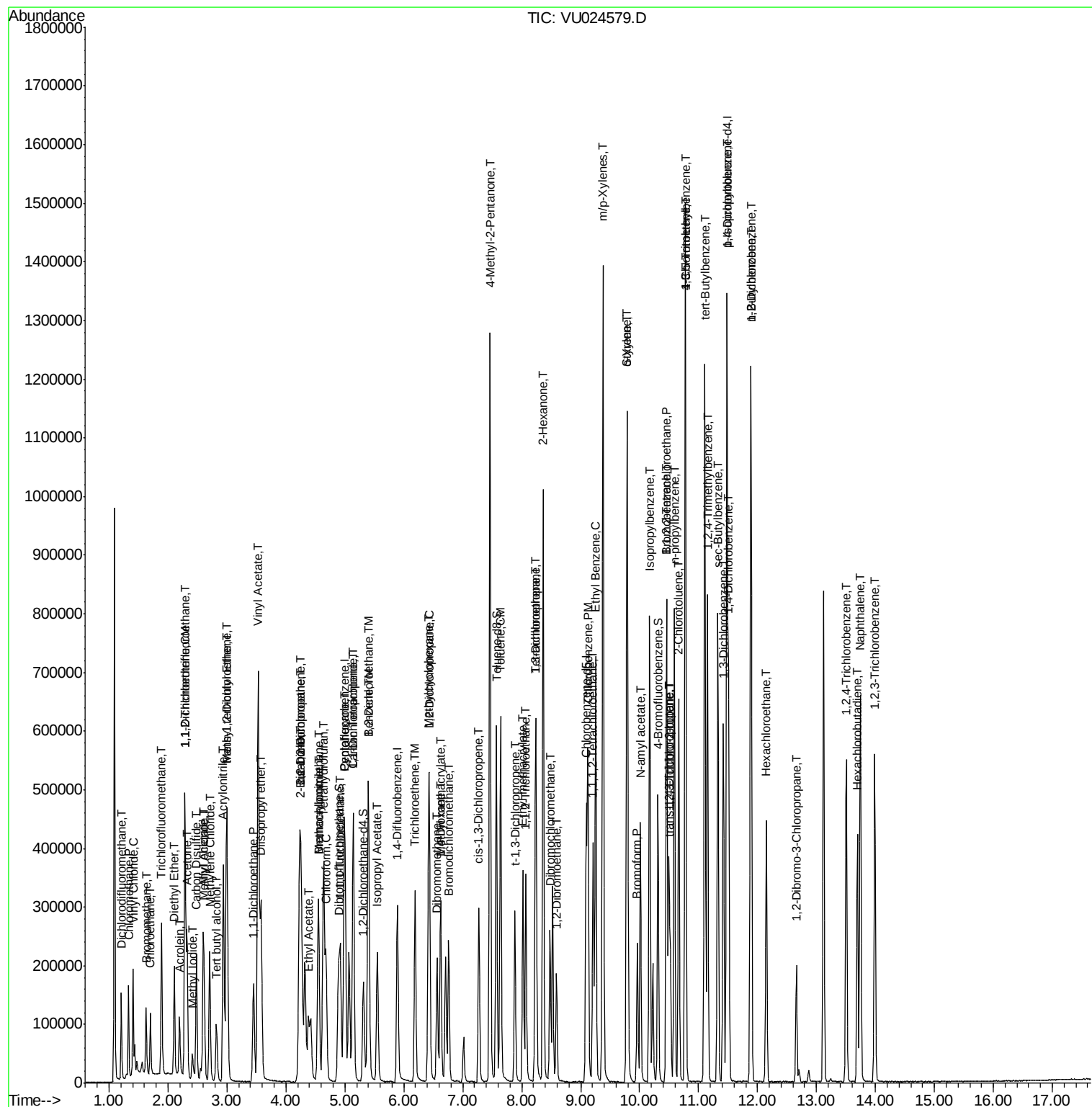
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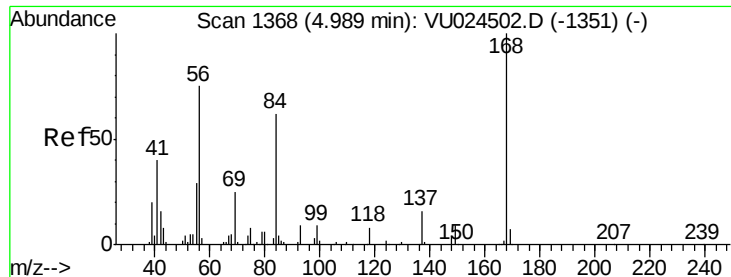
Instrument :
 MSVOA_U
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MS

Tot Ion:168 Resp: 167283

Ion Ratio Lower Upper

168 100

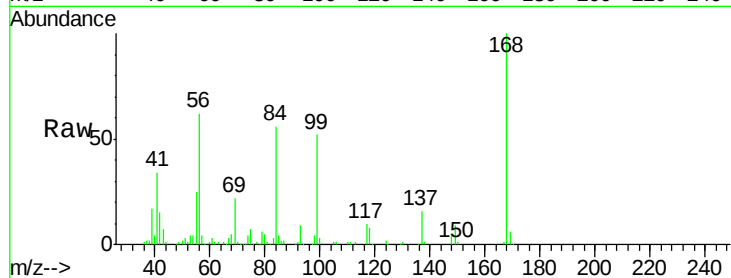
99 51.6 43.2 64.8

Manual Integrations

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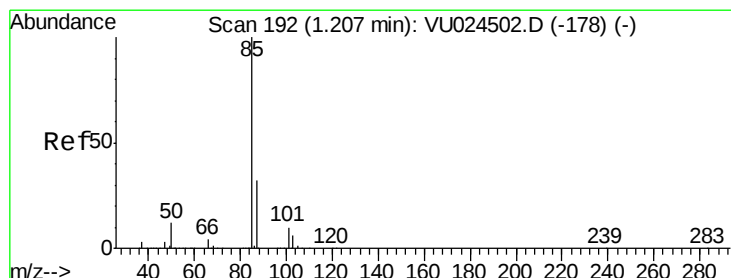
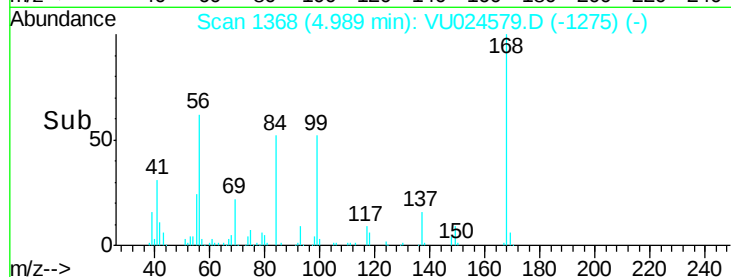
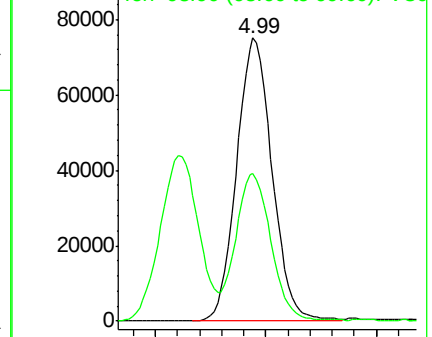
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 41.059 ug/l

RT: 1.21 min Scan# 192

Delta R.T. -0.00 min

Lab File: VU024579.D

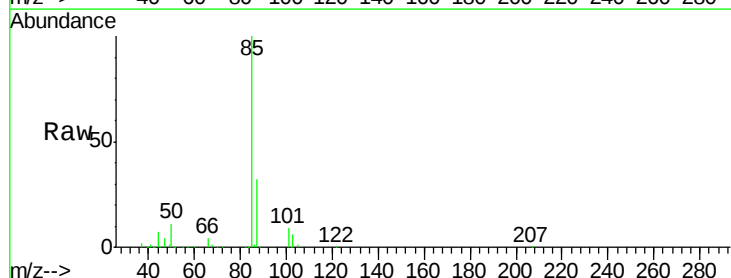
Acq: 15 Jun 2018 07:08

Tgt Ion: 85 Resp: 85972

Ion Ratio Lower Upper

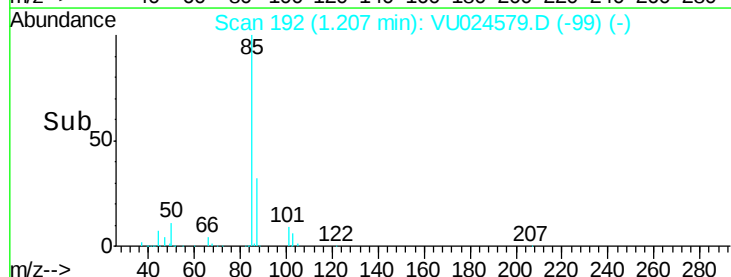
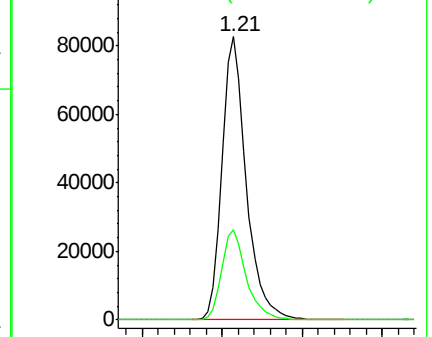
85 100

87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 45.774 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MS

Tot Ion: 50 Resp: 97919

Ion Ratio Lower Upper

50 100

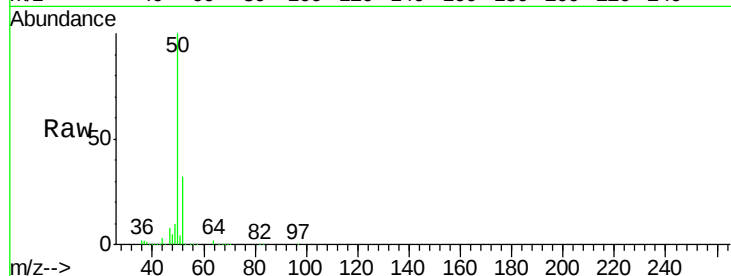
52 31.9 26.4 39.6

Manual Integrations

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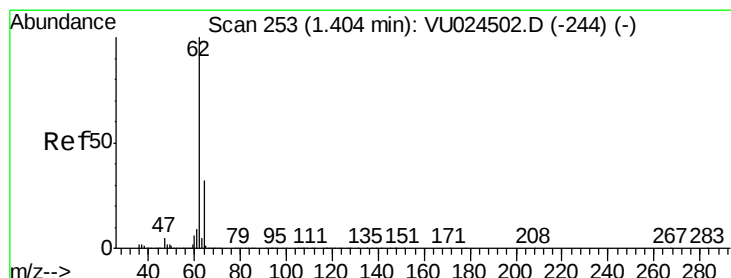
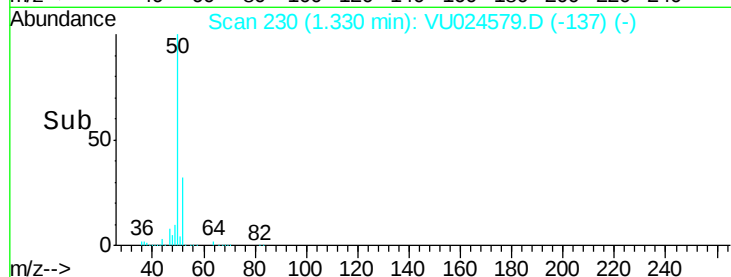
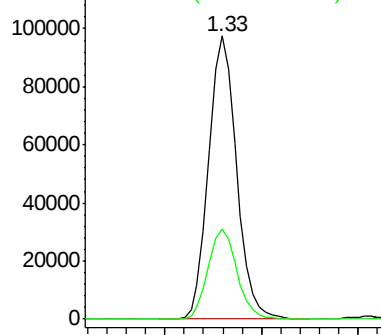
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 51.638 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU024579.D

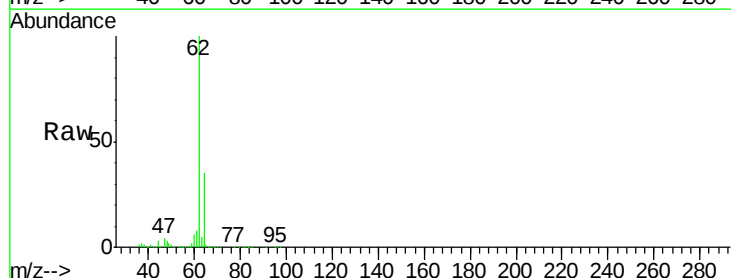
Acq: 15 Jun 2018 07:08

Tgt Ion: 62 Resp: 113918

Ion Ratio Lower Upper

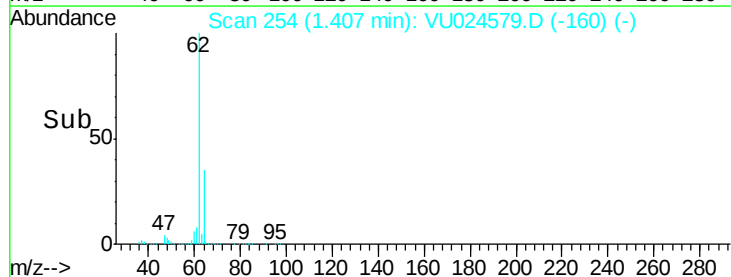
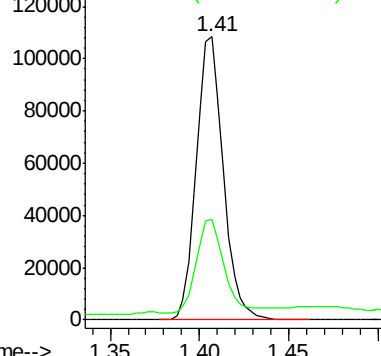
62 100

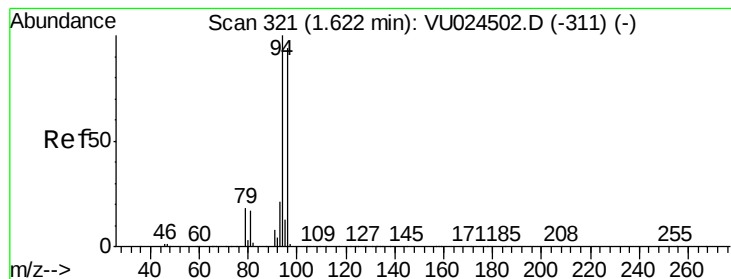
64 32.7 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 48.008 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.01 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Instrument :

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Tot Ion: 94 Resp: 51199

Ion Ratio Lower Upper

94 100

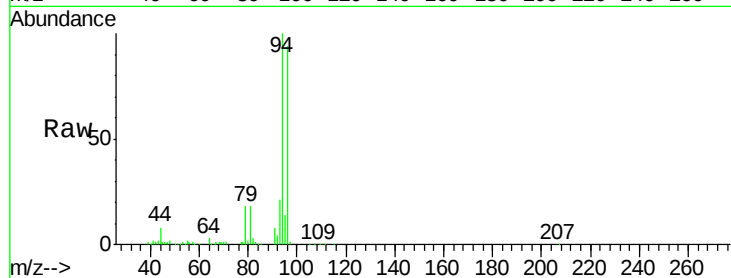
96 93.6 74.5 111.7

Manual Integrations

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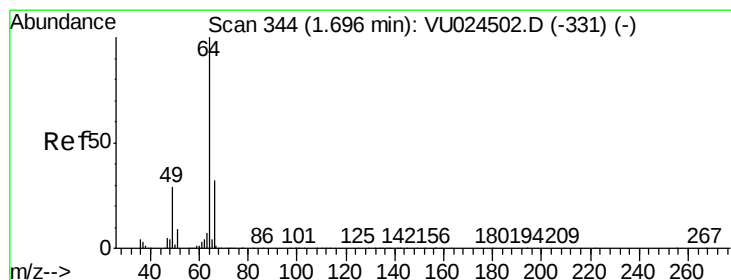
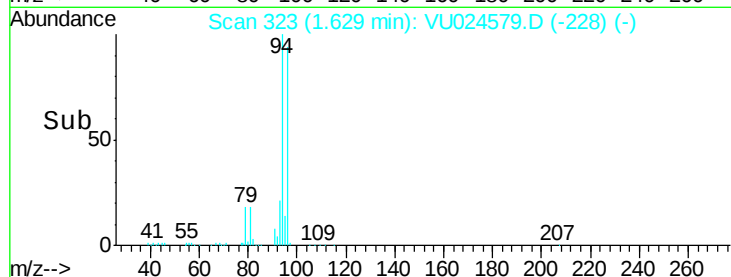
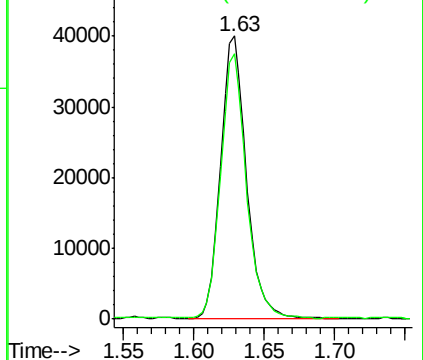
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 53.119 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU024579.D

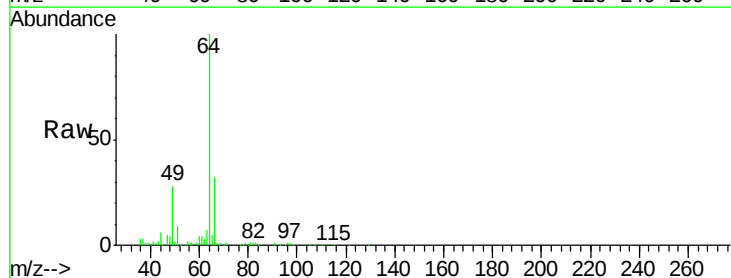
Acq: 15 Jun 2018 07:08

Tgt Ion: 64 Resp: 65402

Ion Ratio Lower Upper

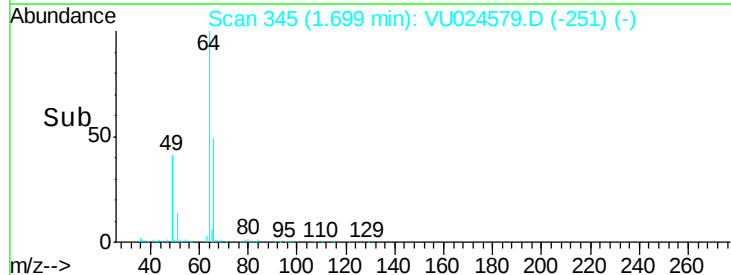
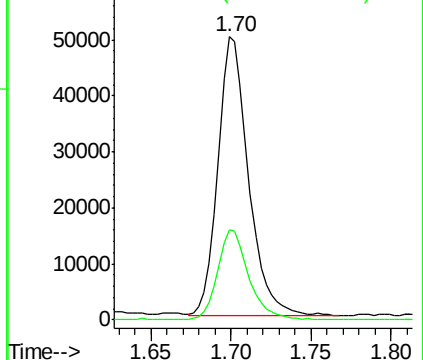
64 100

66 32.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

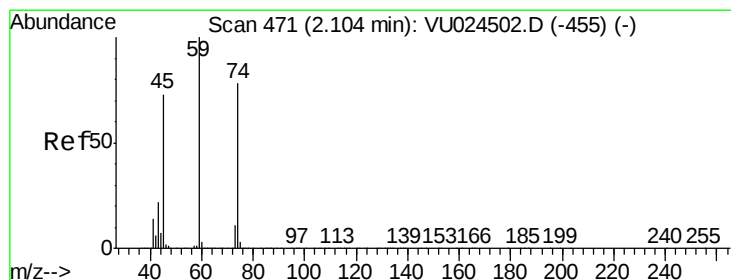
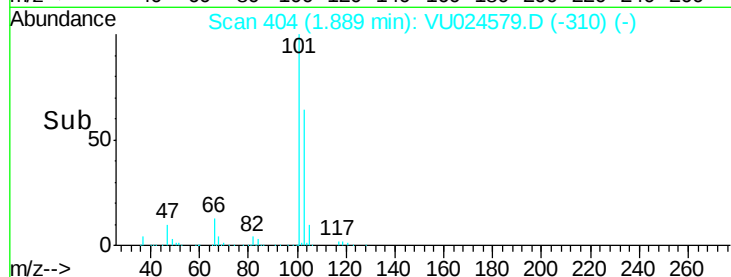
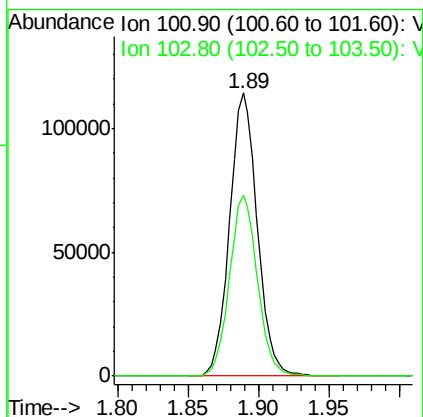
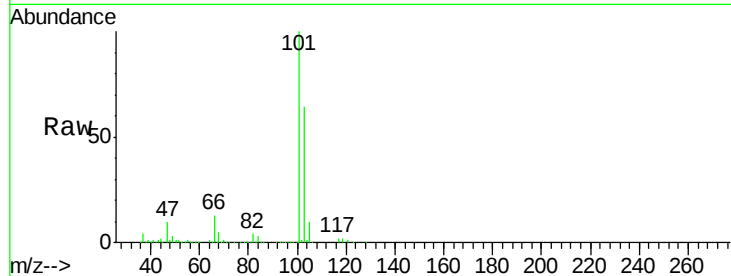
Trichlorofluoromethane
Concen: 46.688 ug/l
RT: 1.89 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU024579.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.3	78.5

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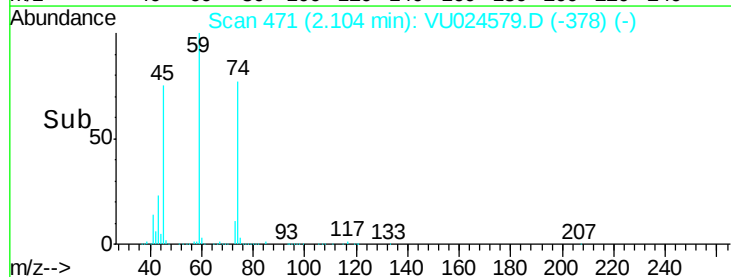
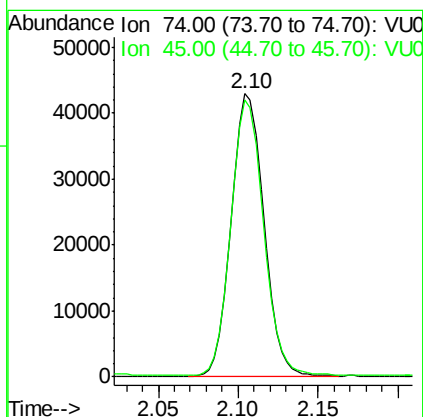
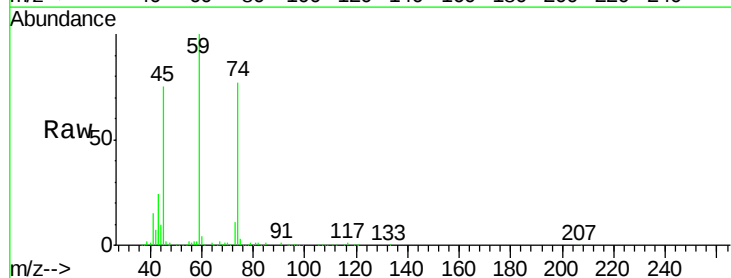
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#8

Diethyl Ether
Concen: 52.412 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.159 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Instrument :

MSVOA_U

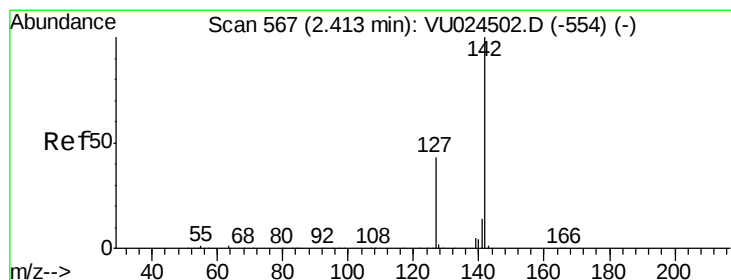
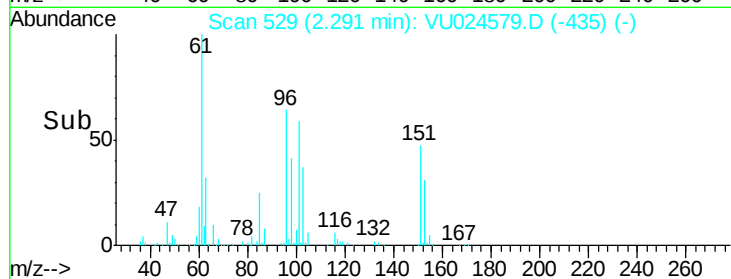
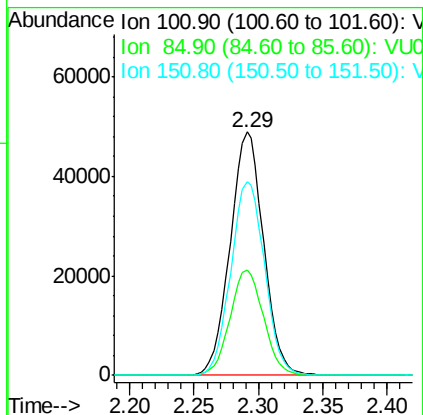
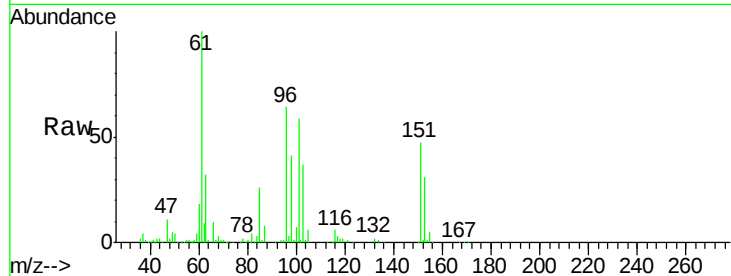
ClientSampleId :

SS050MW047-180610MS

Tot Ion:	101	Resp:	88057
Ion Ratio	Lower	Upper	
101	100		
85	43.5	36.0	54.0
151	80.5	62.3	93.5

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#10

Methyl Iodide

Concen: 26.929 ug/l

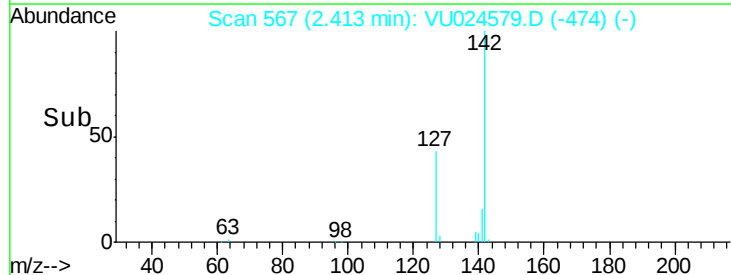
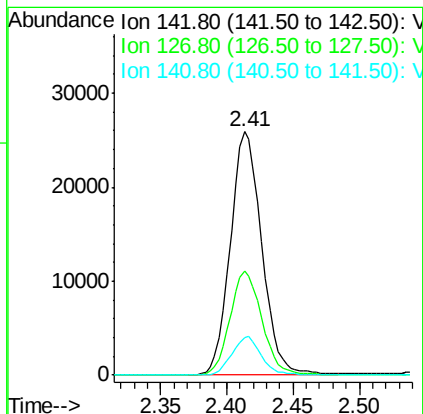
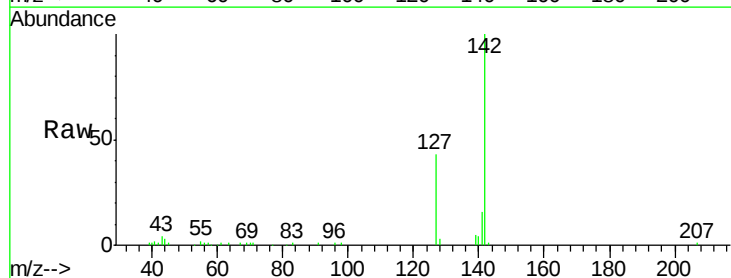
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Tgt Ion:	142	Resp:	42777
Ion Ratio	Lower	Upper	
142	100		
127	43.3	35.6	53.4
141	14.7	11.7	17.5





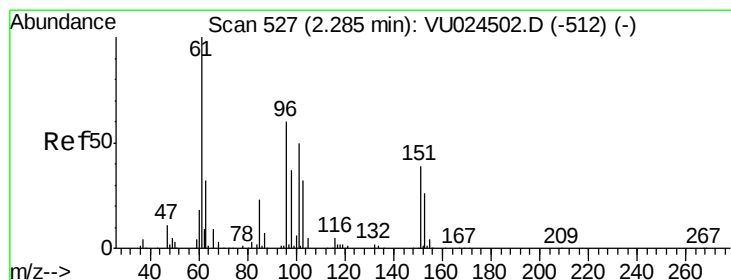
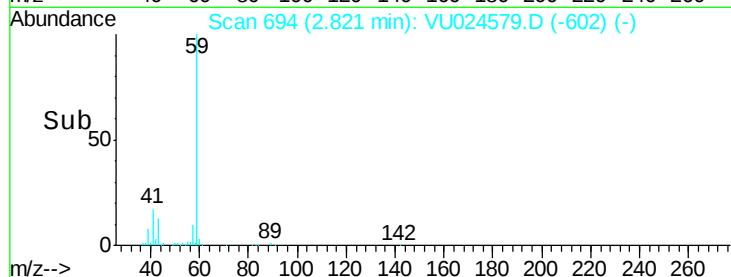
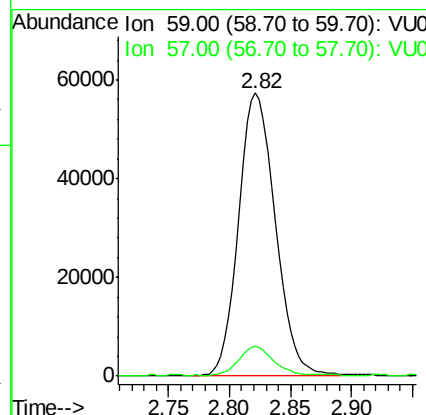
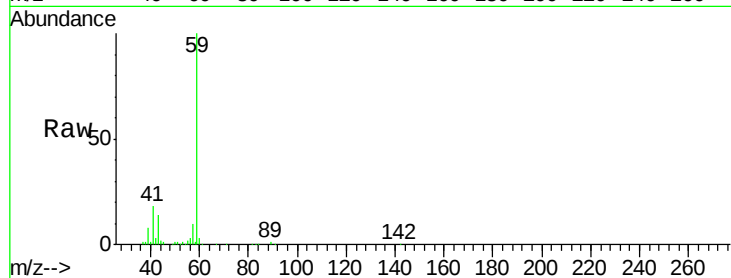
#11
Tert butyl alcohol
Concen: 180.799 ug/l
RT: 2.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.5	12.7

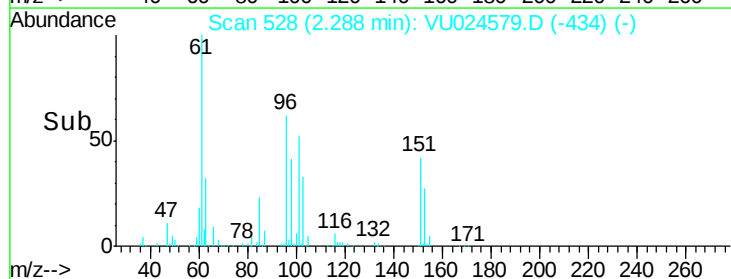
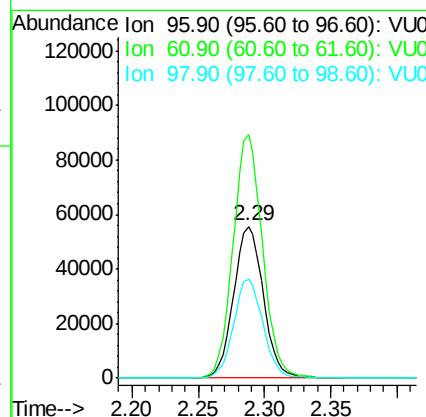
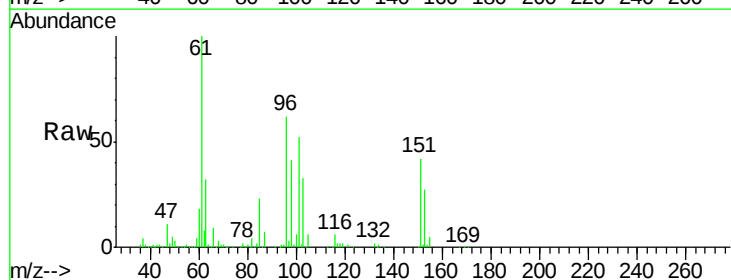
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#12
1,1-Dichloroethene
Concen: 45.186 ug/l
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.8	141.7	212.5
98	65.5	51.6	77.4





#13

Acrolein

Concen: 191.796 ug/l

RT: 2.20 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MS

Tot Ion: 56 Resp: 66895

Ion Ratio Lower Upper

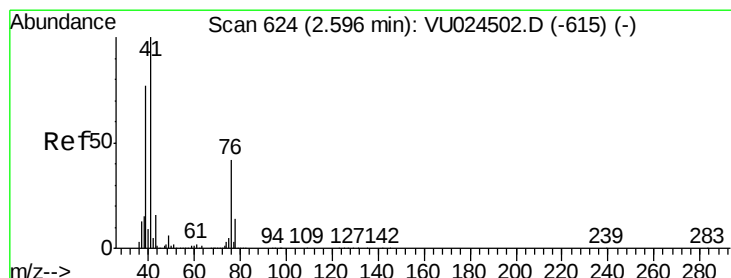
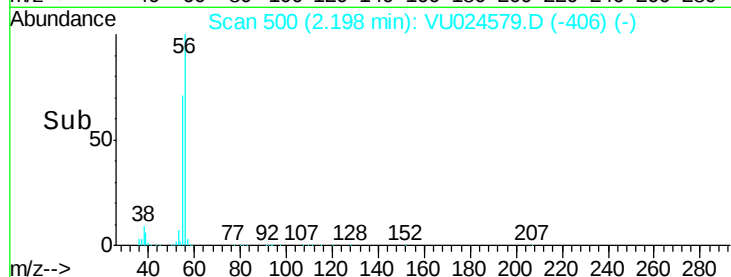
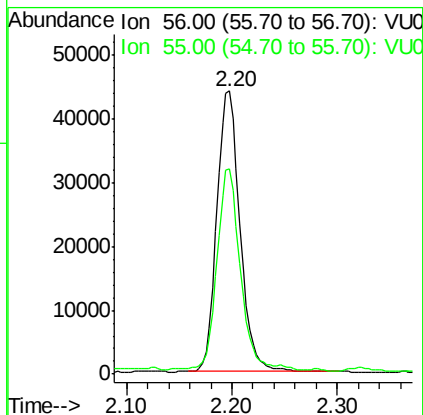
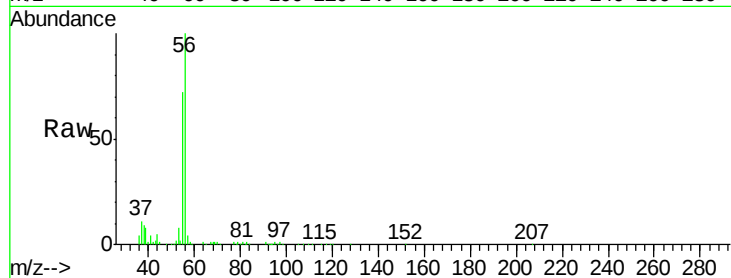
56 100

55 71.1 58.4 87.6

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#14

Allyl chloride

Concen: 39.161 ug/l

RT: 2.60 min Scan# 624

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

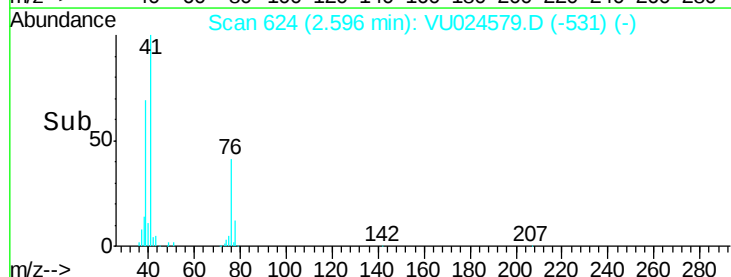
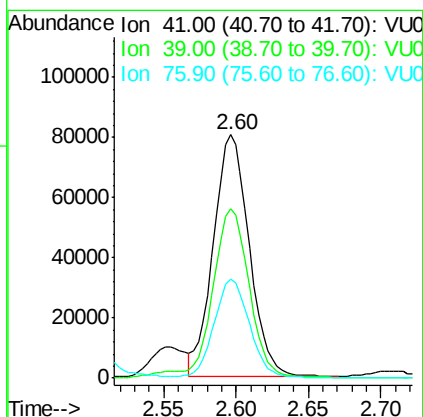
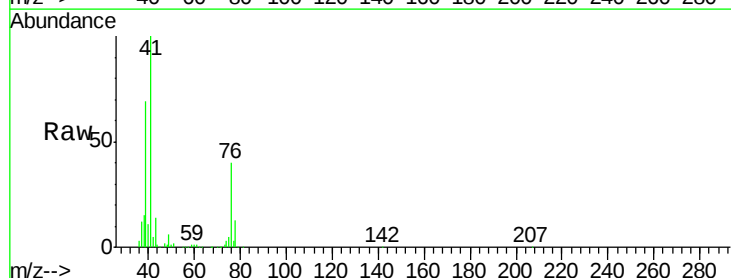
Tgt Ion: 41 Resp: 138498

Ion Ratio Lower Upper

41 100

39 68.3 61.6 92.4

76 39.6 29.7 44.5





#15

Acrylonitrile

Concen: 231.281 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Instrument :

MSVOA_U

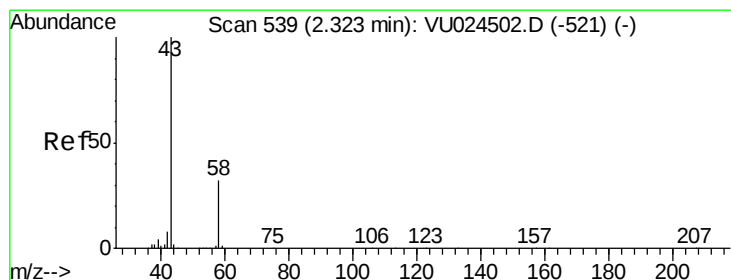
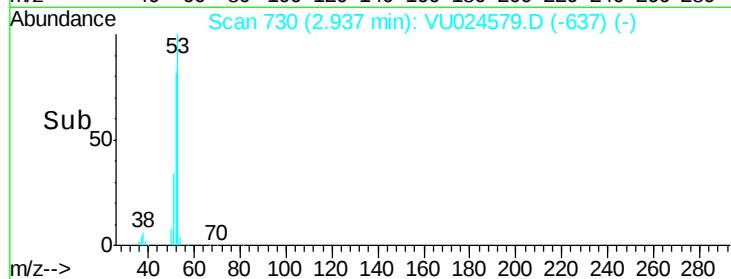
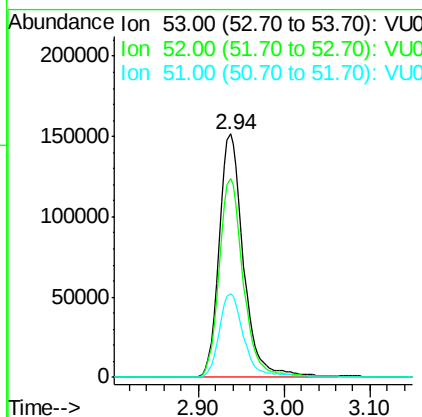
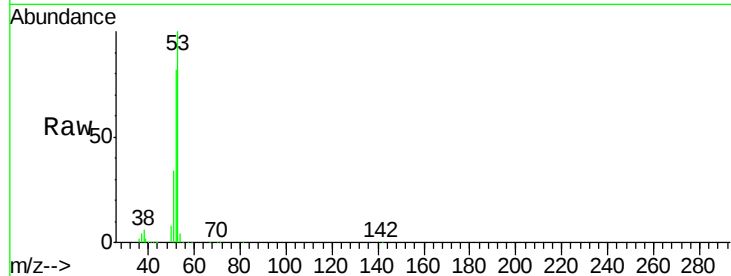
ClientSampleId :

SS050MW047-180610MS

Tot Ion:	53	Resp:	298873
Ion Ratio	Lower	Upper	
53	100		
52	81.3	67.1	100.7
51	35.2	28.4	42.6

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#16

Acetone

Concen: 163.444 ug/l

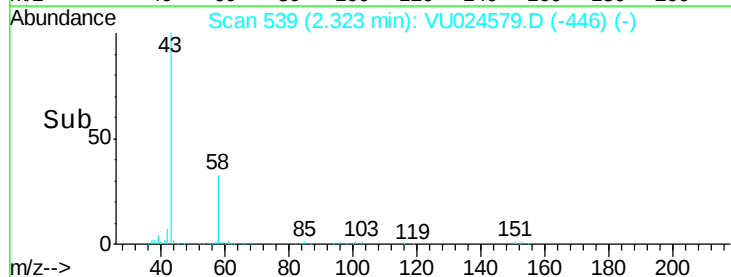
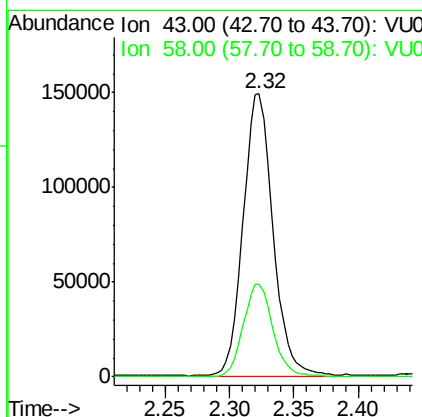
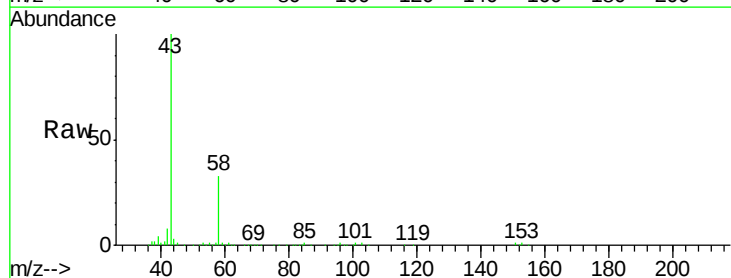
RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Tgt Ion:	43	Resp:	239826
Ion Ratio	Lower	Upper	
43	100		
58	33.1	24.4	36.6





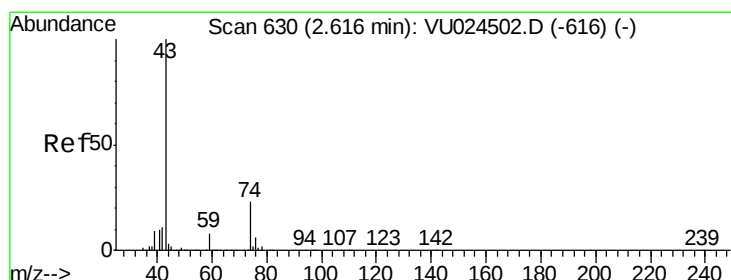
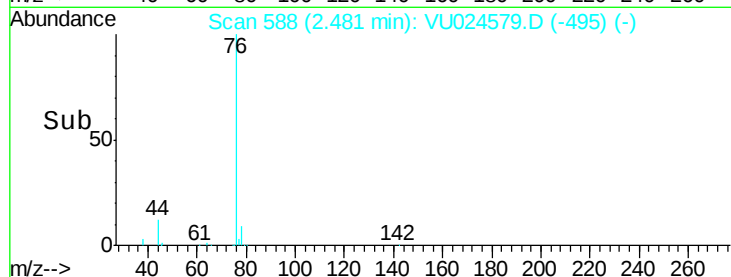
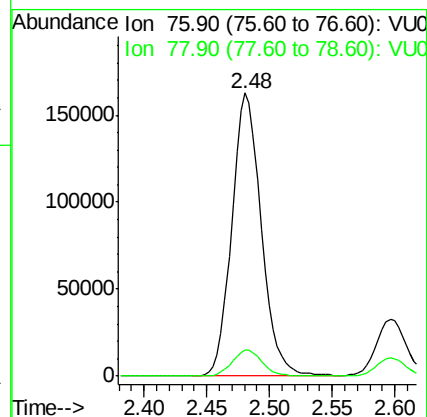
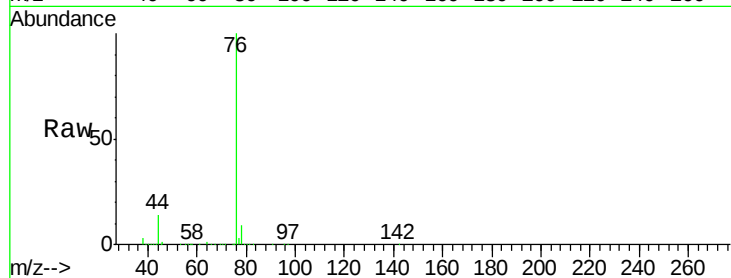
#17
Carbon Disulfide
Concen: 43.674 ug/l
RT: 2.48 min Scan# 588
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

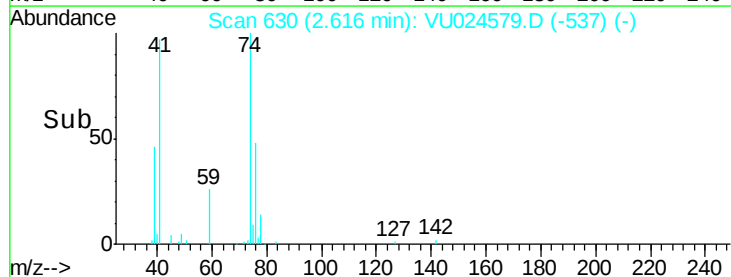
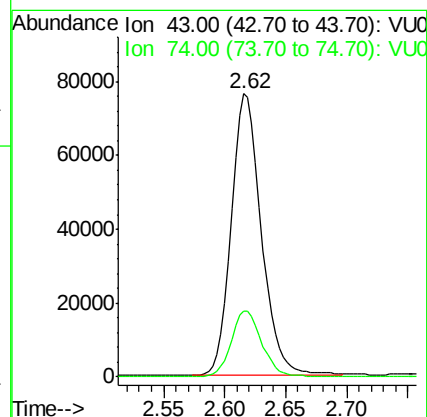
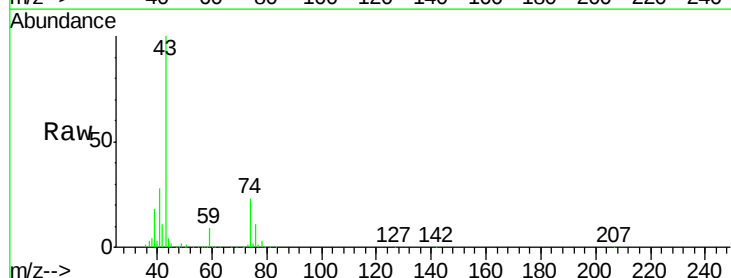
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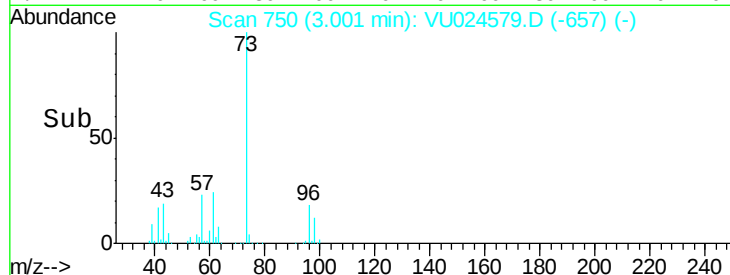
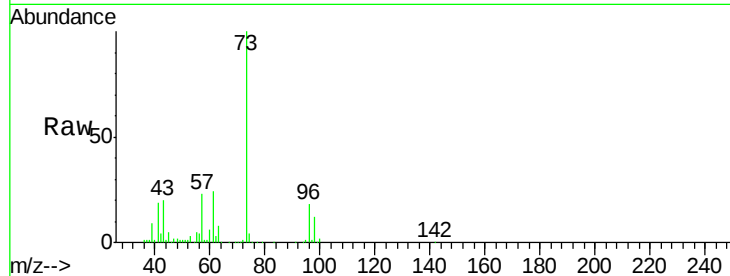
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#18
Methyl Acetate
Concen: 41.901 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	18.0	27.0





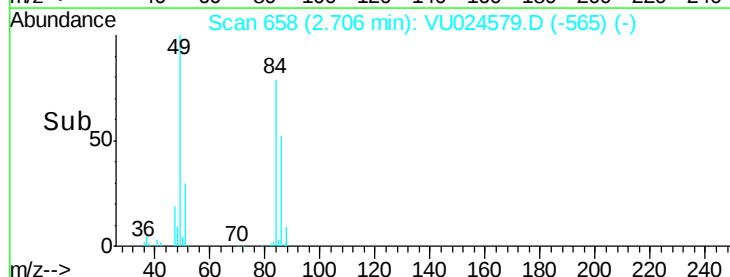
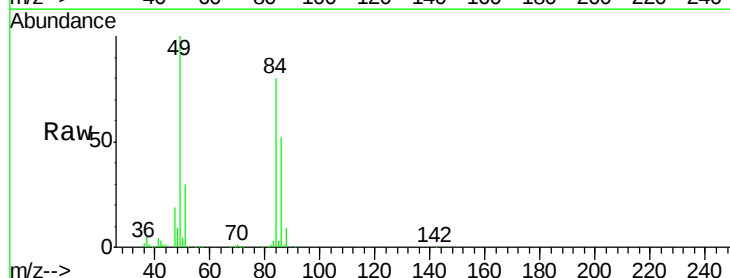
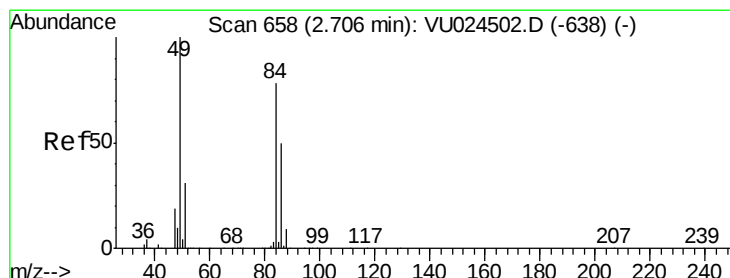
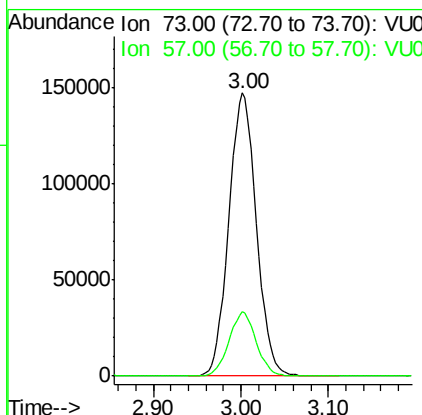
#19
Methyl tert-butyl Ether
Concen: 44.944 ug/l
RT: 3.00 min Scan# 750
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.8	28.2

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MS

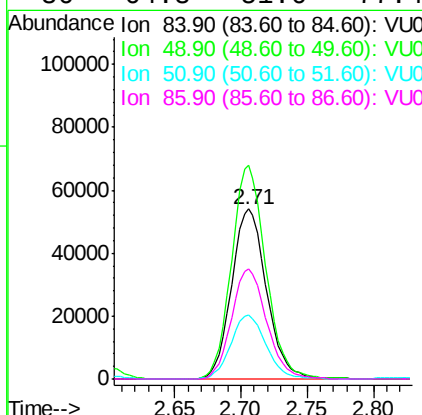
Manual Integrations
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#20
Methylene Chloride
Concen: 43.073 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.5	103.8	155.8
51	37.5	32.0	48.0
86	64.8	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 46.088 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Instrument :

MSVOA_U

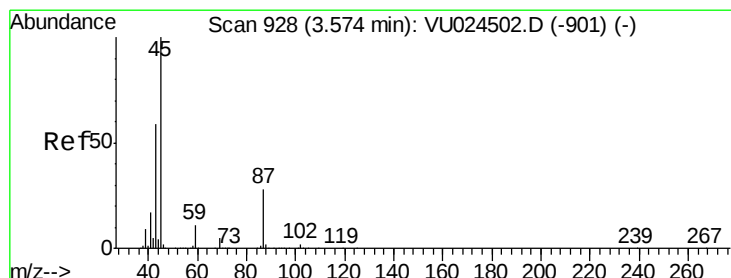
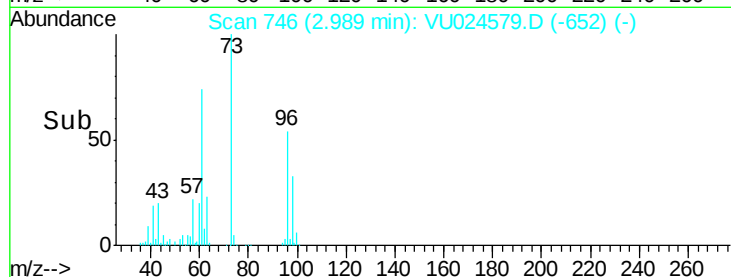
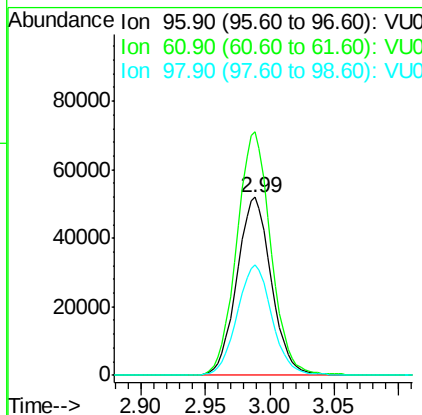
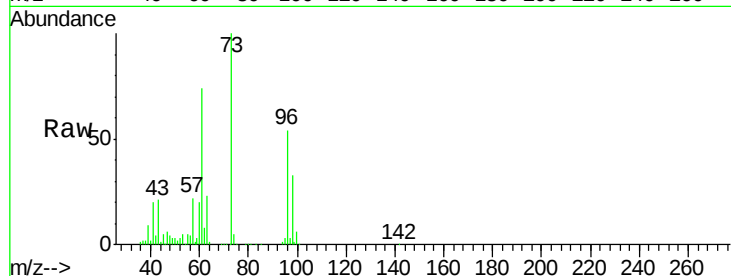
ClientSampleId :

SS050MW047-180610MS

Tot Ion:	96	Resp:	96689
Ion	Ratio	Lower	Upper
96	100		
61	136.6	119.4	179.0
98	61.6	51.1	76.7

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#22

Diisopropyl ether

Concen: 45.798 ug/l

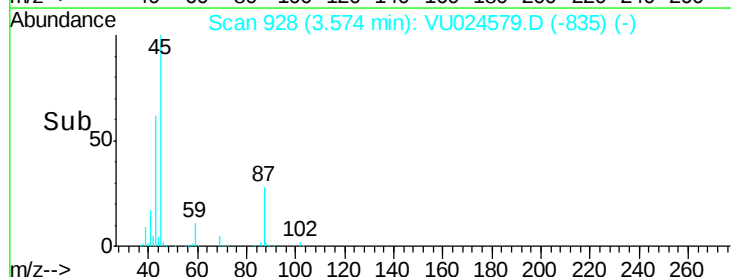
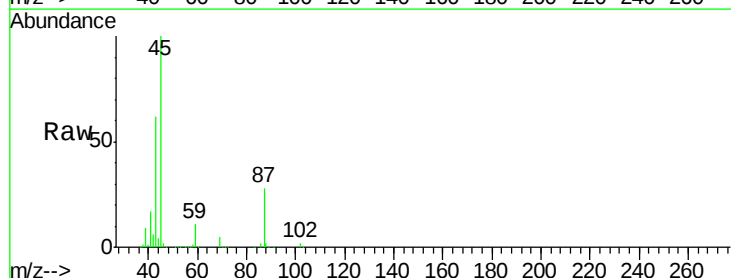
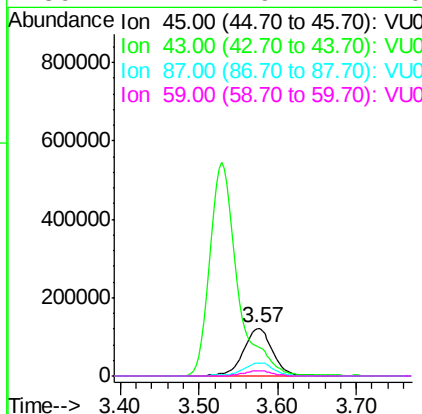
RT: 3.57 min Scan# 928

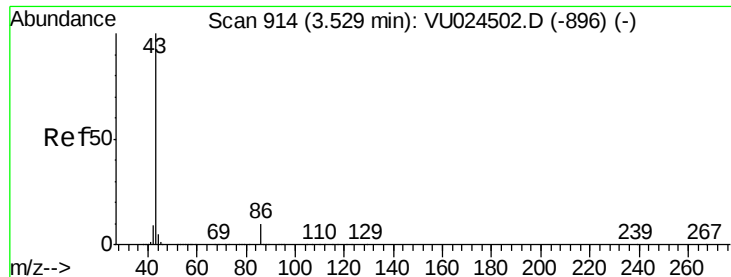
Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Tgt Ion:	45	Resp:	321083
Ion	Ratio	Lower	Upper
45	100		
43	60.8	45.8	68.6
87	27.7	20.6	31.0
59	11.4	9.4	14.0





#23

Vinyl Acetate

Concen: 211.302 ug/l

RT: 3.53 min Scan# 914

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MS

Tot Ion: 43 Resp: 1327031

Ion Ratio Lower Upper

43 100

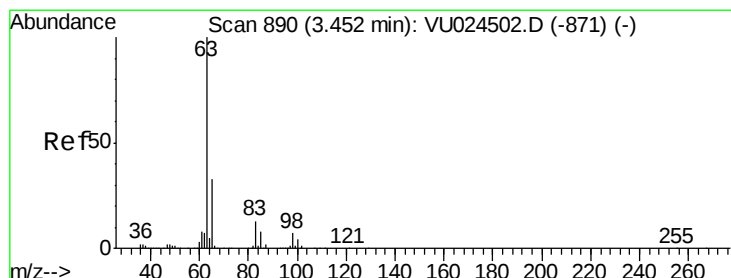
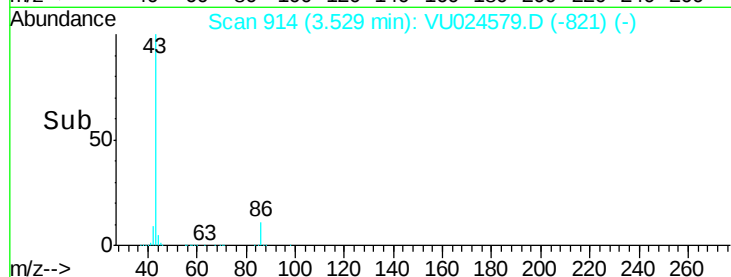
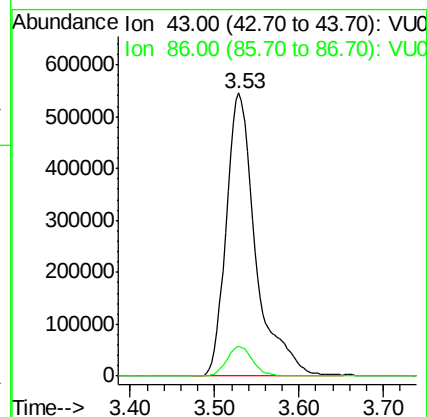
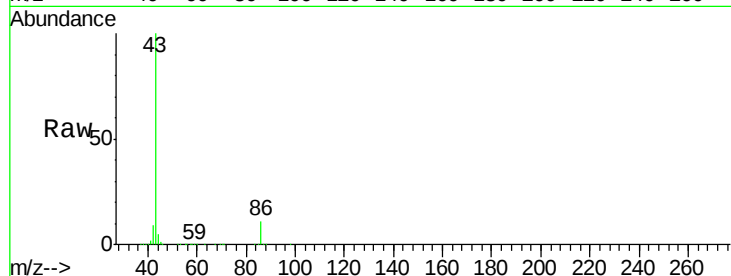
86 10.6 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 45.129 ug/l

RT: 3.45 min Scan# 890

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

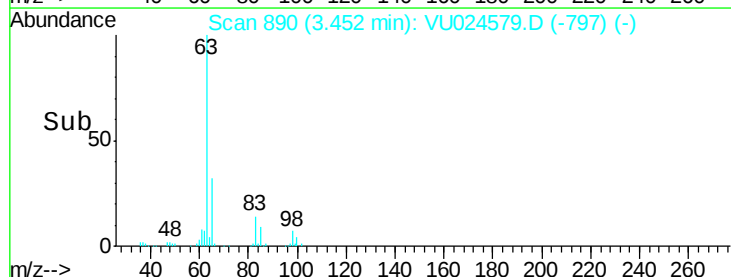
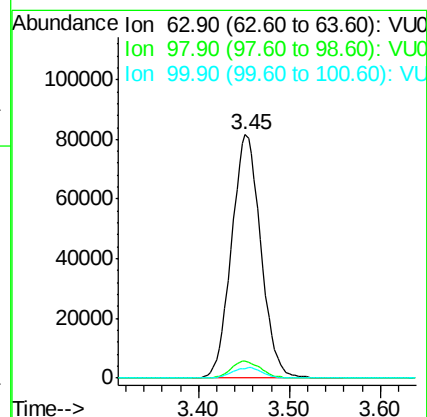
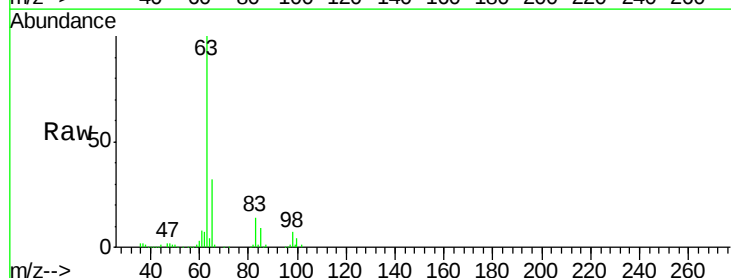
Tgt Ion: 63 Resp: 182013

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.0 1.8 5.5





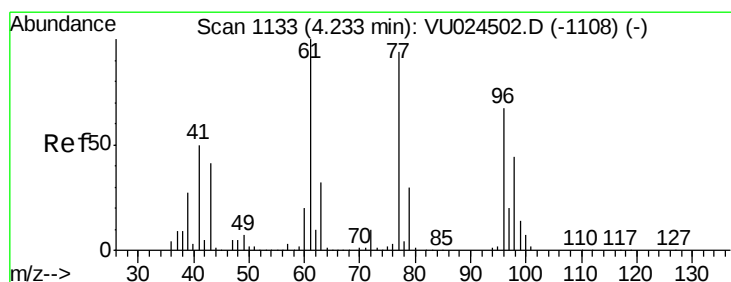
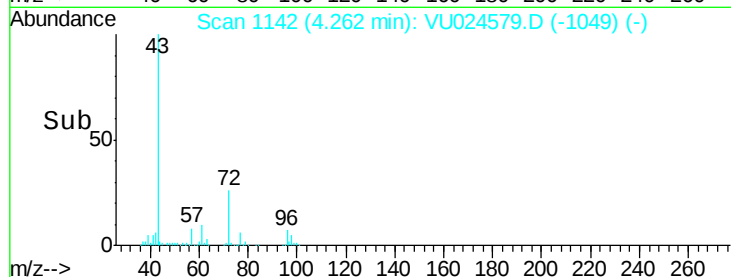
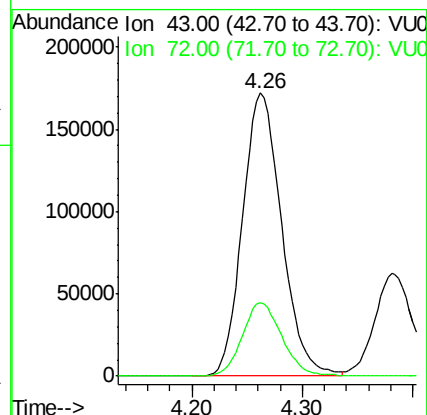
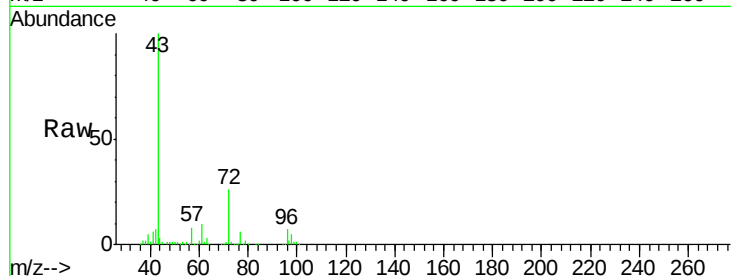
#25
2-Butanone
Concen: 213.329 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MS

Tot Ion	Ratio	Lower	Upper
43	100		
72	26.0	19.6	29.4

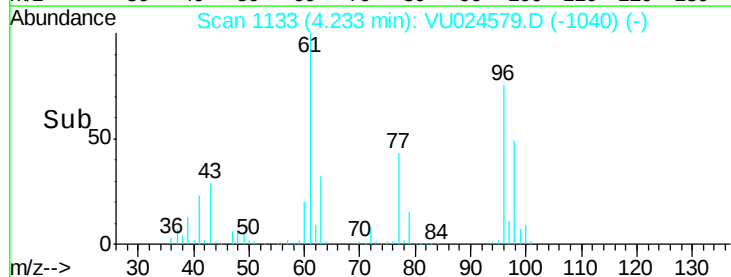
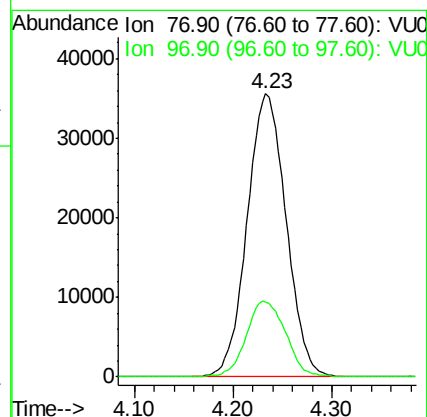
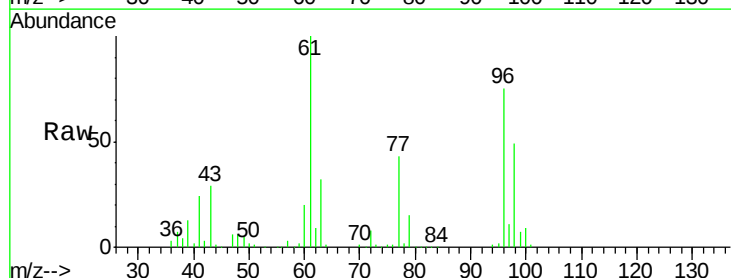
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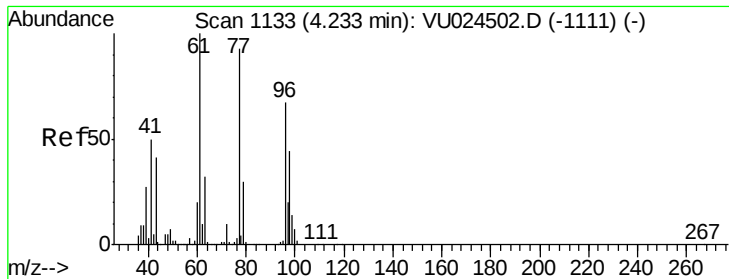
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#26
2,2-Dichloropropane
Concen: 25.388 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Tgt Ion	Ratio	Lower	Upper
77	100		
97	27.2	11.3	33.8





#27

cis-1,2-Dichloroethene

Concen: 63.352 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Instrument :

MSVOA_U

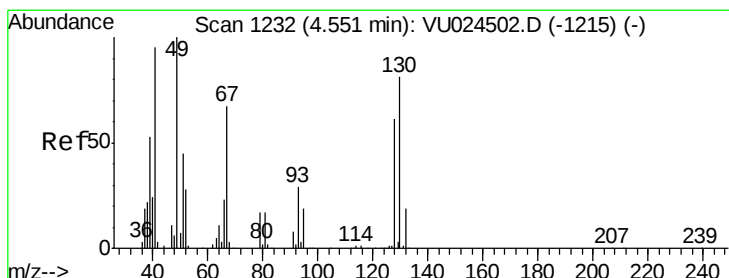
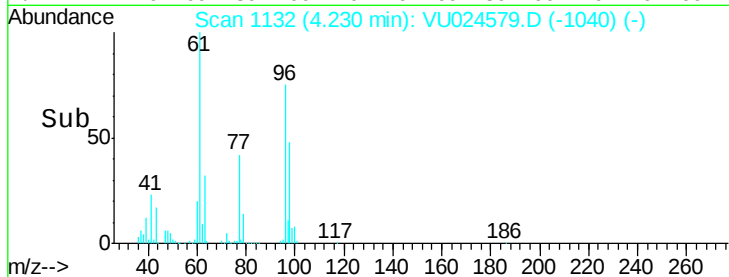
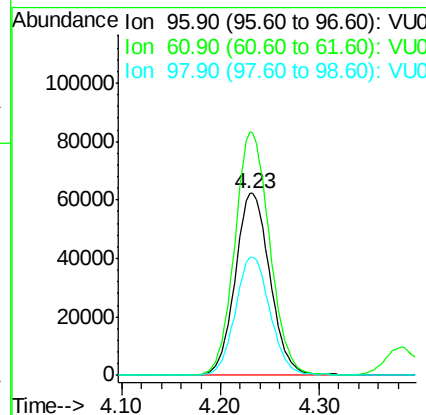
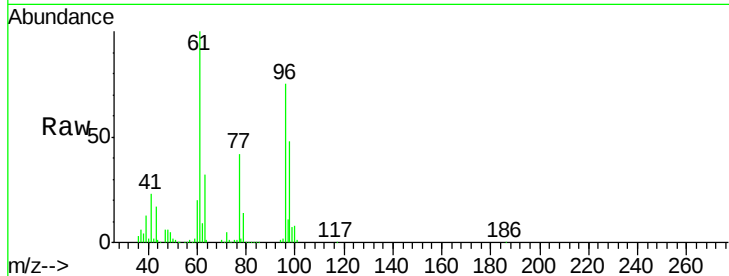
ClientSampleId :

SS050MW047-180610MS

Tot Ion:	96	Resp:	152797
Ion Ratio	Lower	Upper	
96	100		
61	134.3	0.0	306.6
98	64.7	0.0	128.8

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#28

Bromochloromethane

Concen: 52.881 ug/l

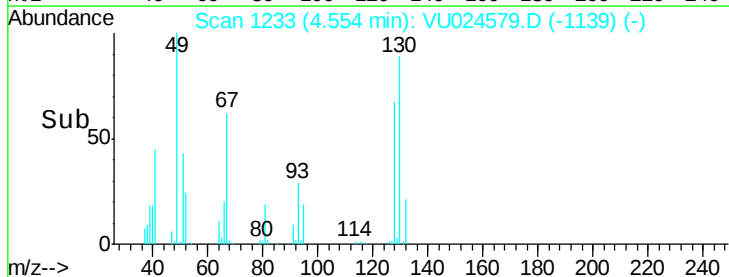
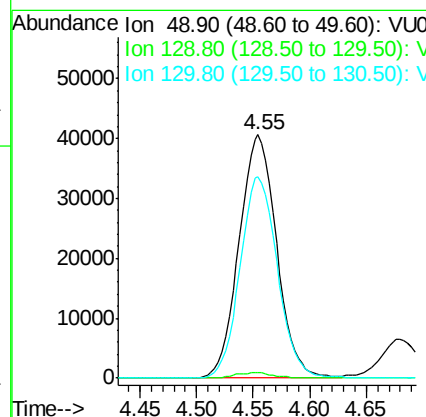
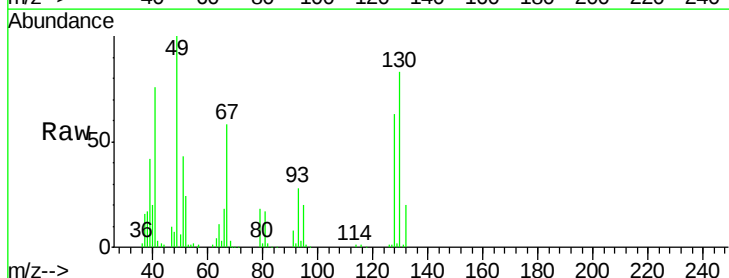
RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Tgt Ion:	49	Resp:	93941
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	3.8
130	82.4	57.8	86.6





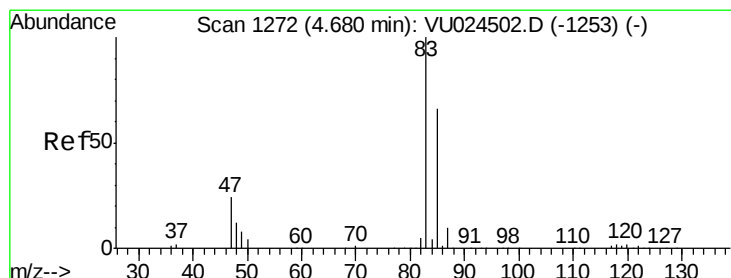
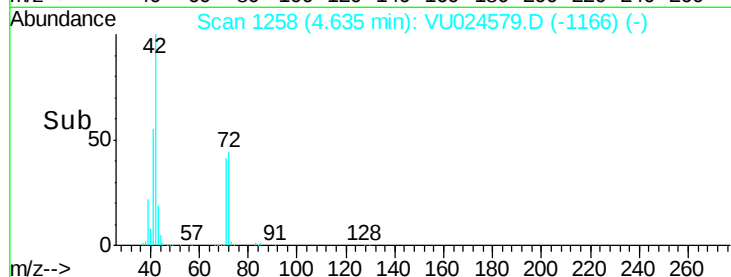
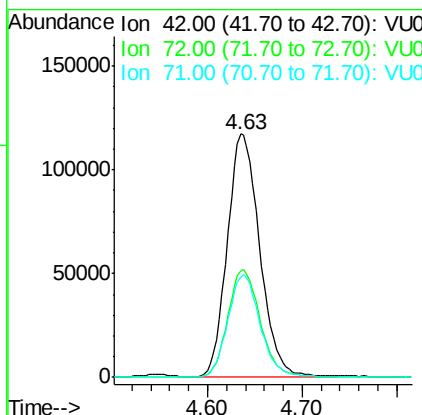
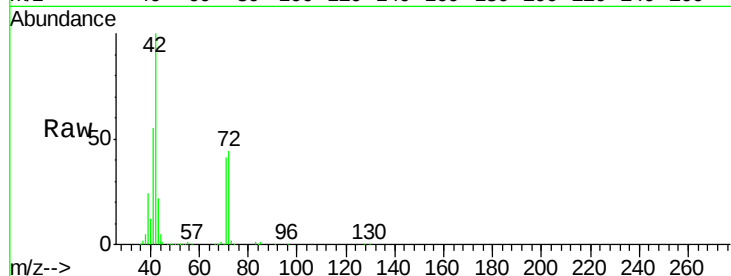
#29
Tetrahydrofuran
Concen: 227.736 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	34.5	51.7
71	42.5	32.2	48.4

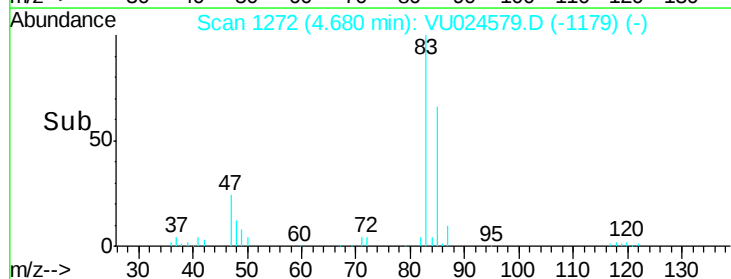
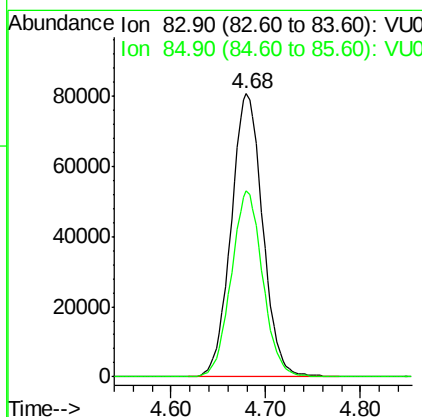
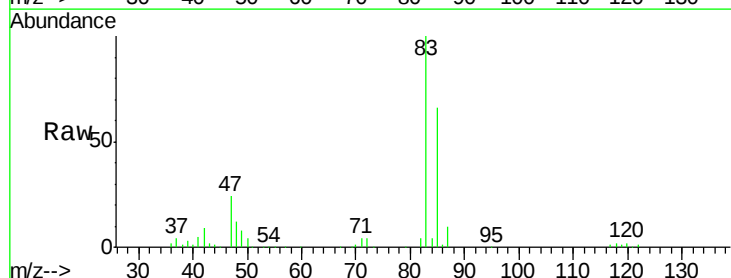
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#30
Chloroform
Concen: 45.813 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.4	78.6





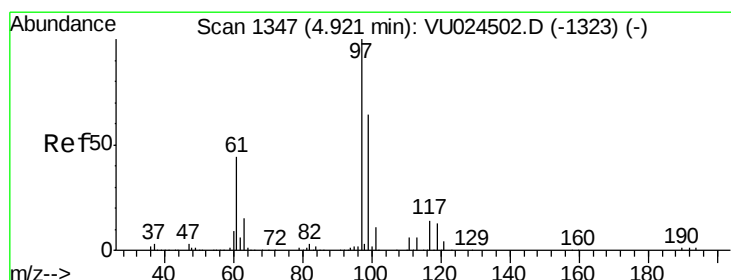
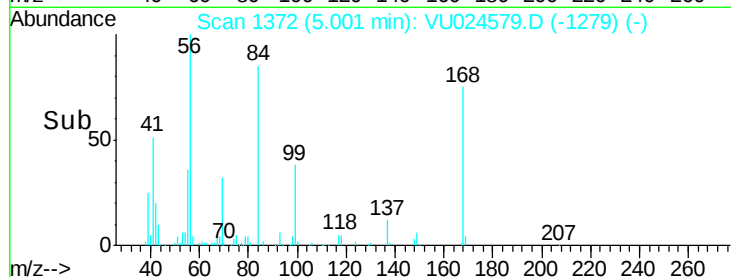
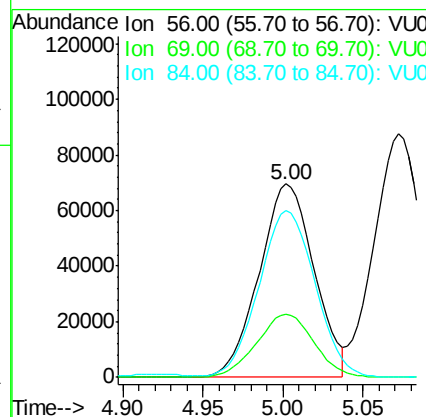
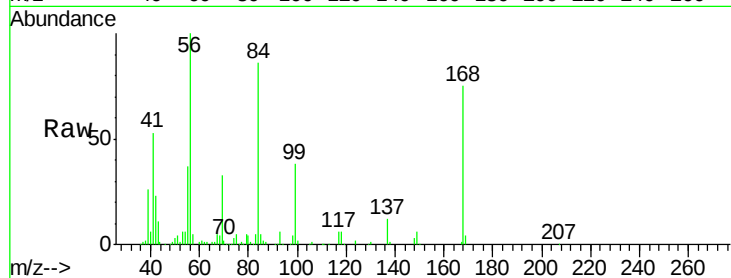
#31
Cyclohexane
Concen: 45.897 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	24.8	37.2
84	85.6	65.2	97.8

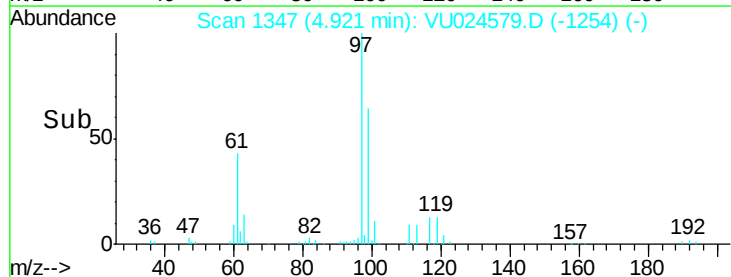
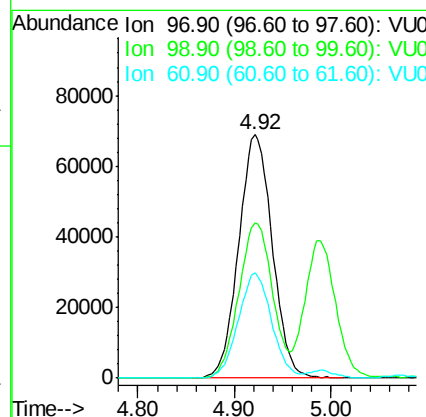
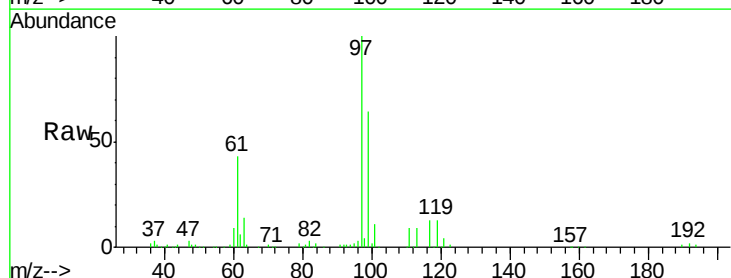
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#32
1,1,1-Trichloroethane
Concen: 44.184 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.6
61	42.7	39.4	59.0





#33

1,2-Dichloroethane-d4

Concen: 47.404 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MS

Tot Ion: 65 Resp: 129456

Ion Ratio Lower Upper

65 100

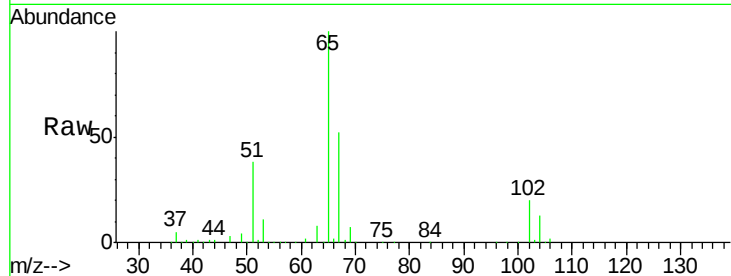
67 52.9 0.0 107.0

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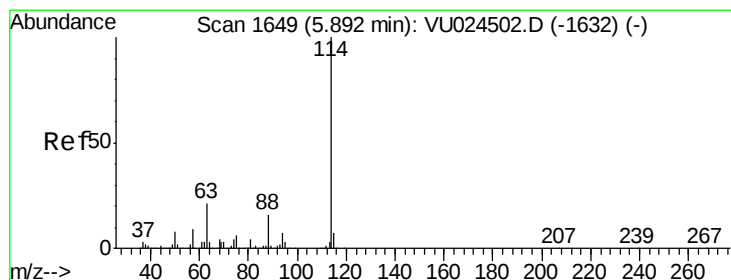
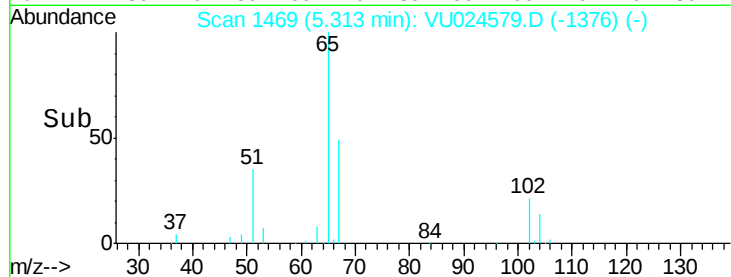
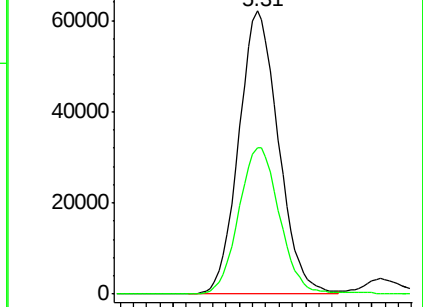
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Abundance Ion 64.90 (64.60 to 65.60): VU024579.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024579.D (-1376) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

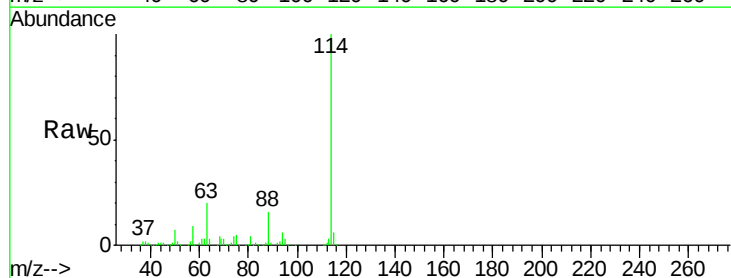
Tgt Ion: 114 Resp: 270692

Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.4

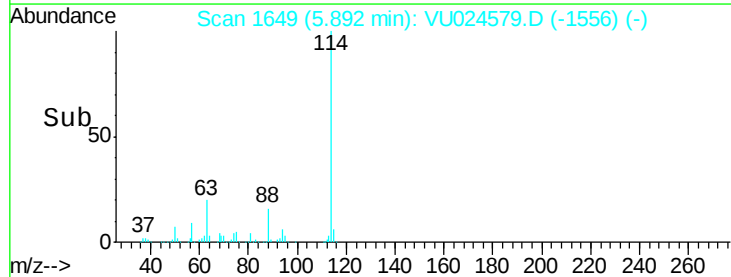
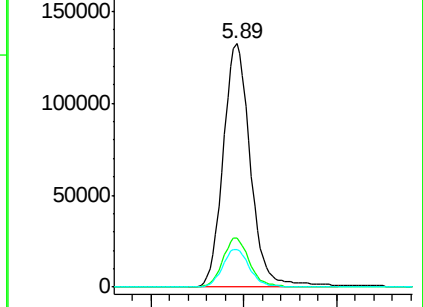
88 15.5 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VU024579.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU024579.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU024579.D (-1556) (-)





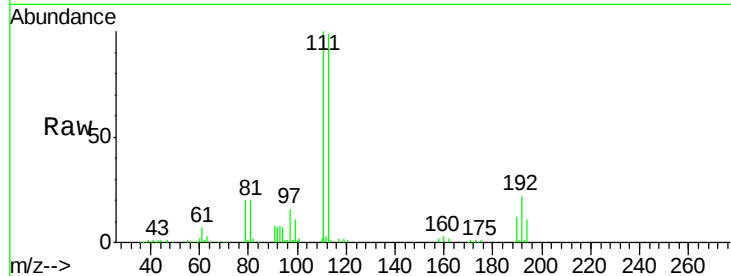
#35
 Dibromofluoromethane
 Concen: 50.577 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024579.D
 Acq: 15 Jun 2018 07:08

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MS

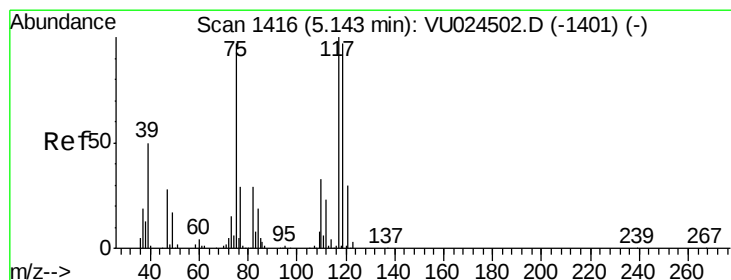
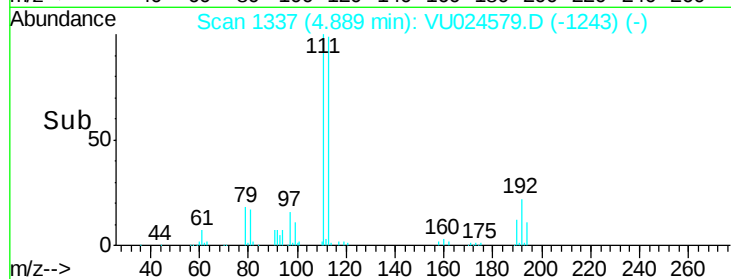
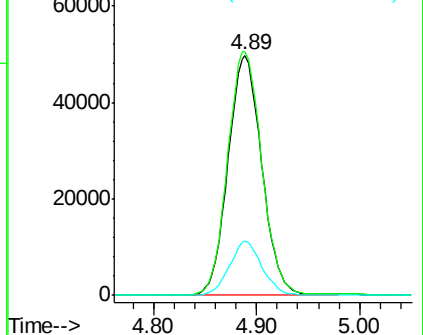
Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.5	82.2	123.4	
192	21.9	16.2	24.4	

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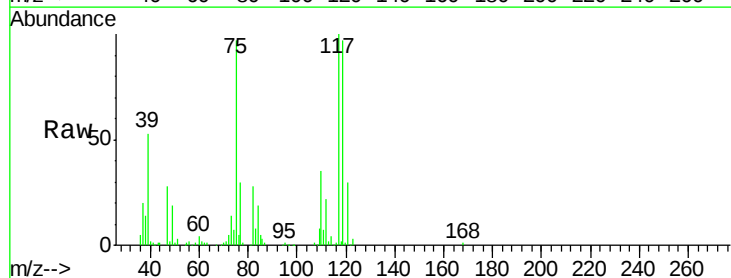


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

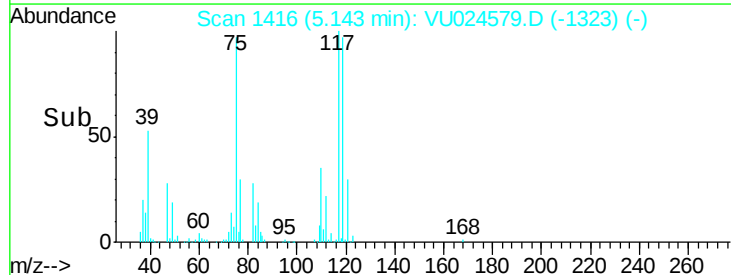
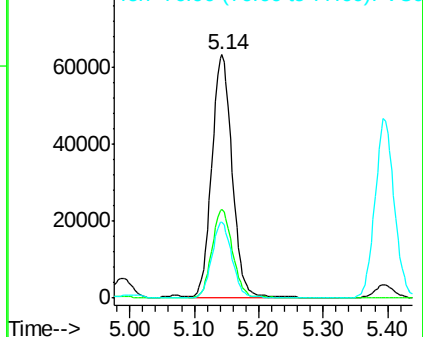


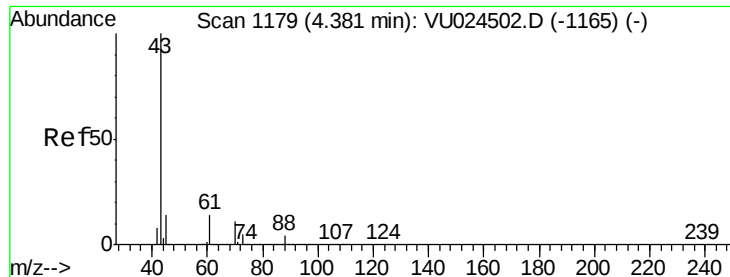
#36
 1,1-Dichloropropene
 Concen: 43.937 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VU024579.D
 Acq: 15 Jun 2018 07:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	37.0	17.0	50.9	
77	29.7	24.2	36.4	



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0





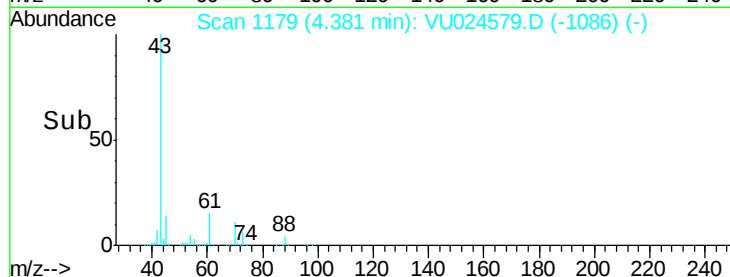
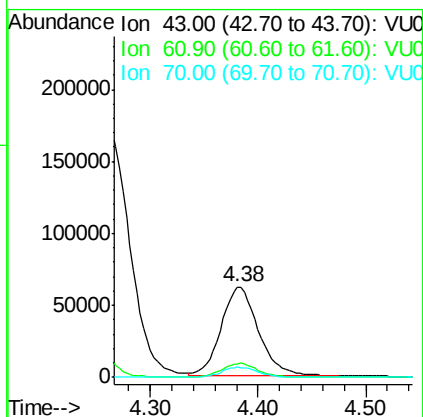
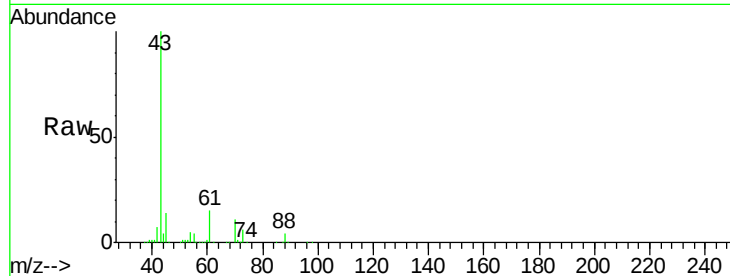
#37
Ethyl Acetate
Concen: 43.471 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.5	15.7
70	11.1	7.4	11.2

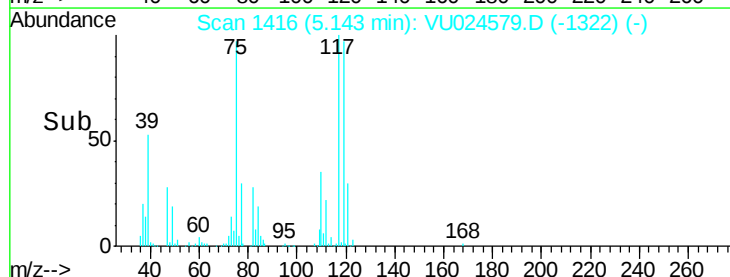
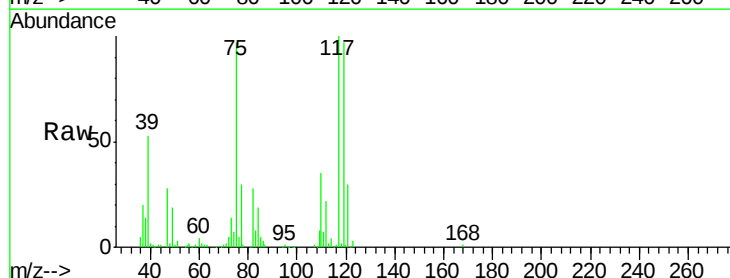
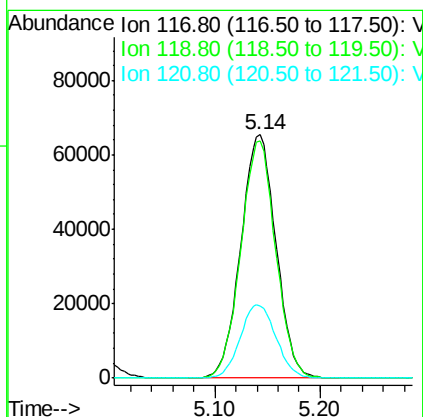
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#38
Carbon Tetrachloride
Concen: 43.414 ug/l
RT: 5.14 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.1	114.1
121	29.6	23.7	35.5





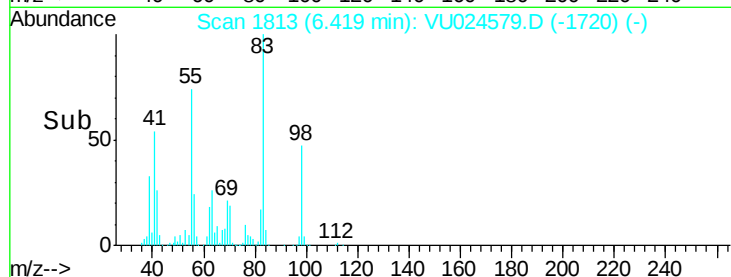
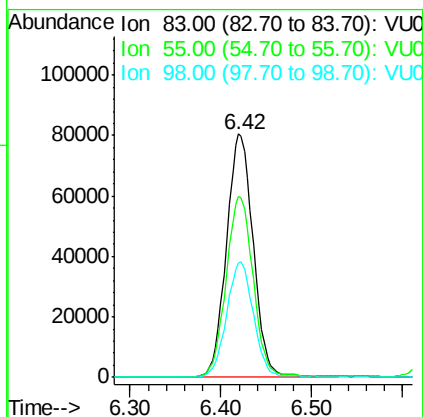
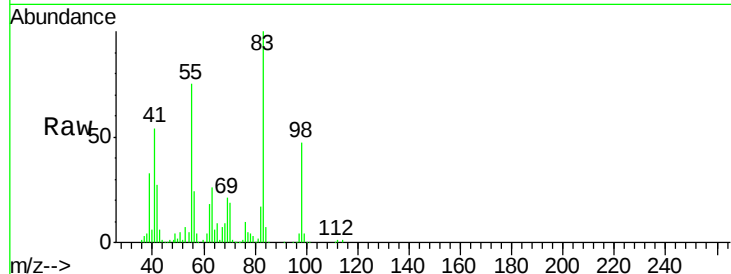
#39
Methvlcvclohexane
Concen: 41.690 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.3	65.8	98.6
98	47.1	36.7	55.1

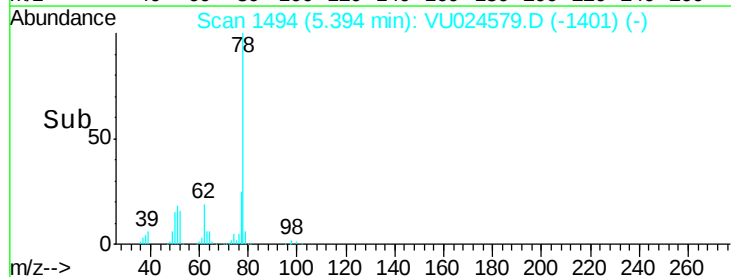
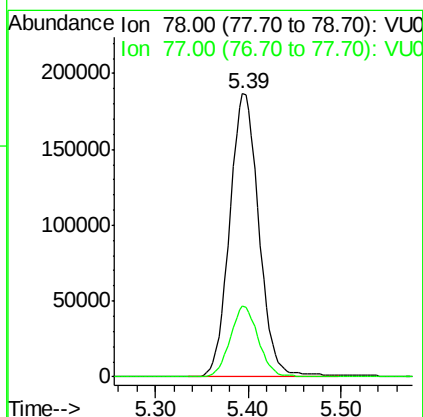
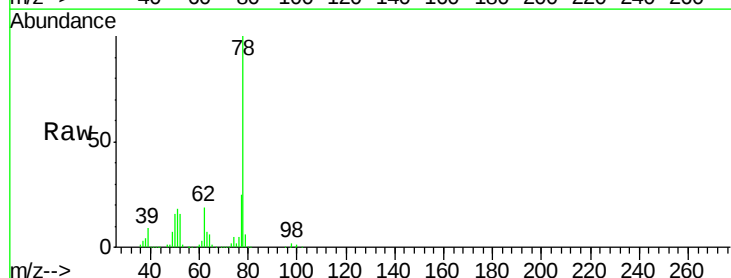
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#40
Benzene
Concen: 45.156 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.2	28.8





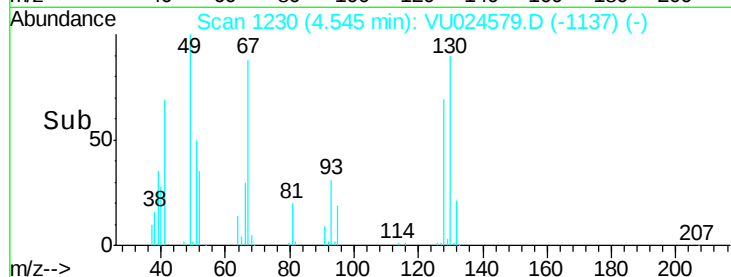
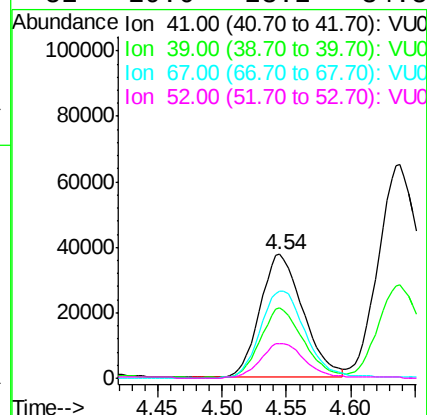
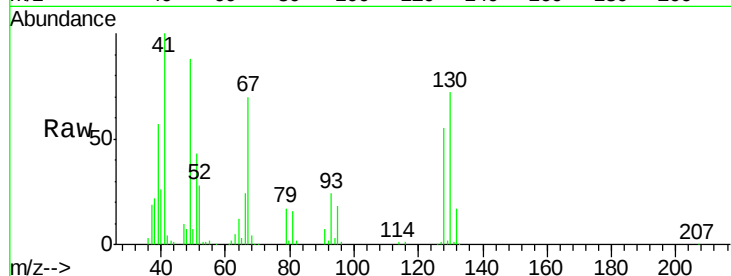
#41
Methacrylonitrile
Concen: 47.058 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.8	43.8	65.6	
67	73.8	56.3	84.5	
52	29.6	23.2	34.8	

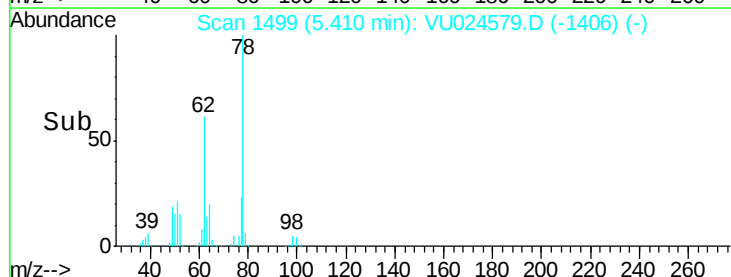
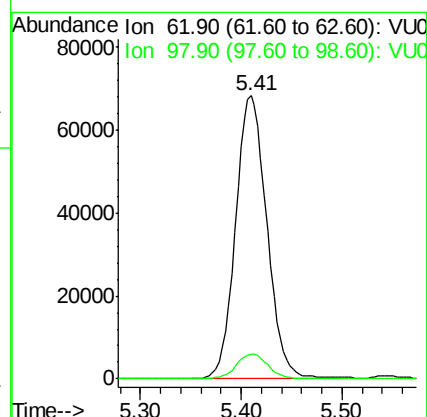
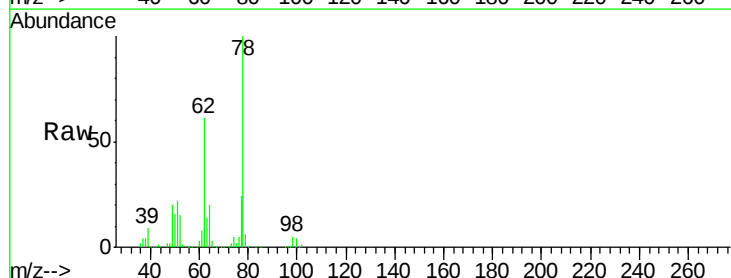
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#42
1,2-Dichloroethane
Concen: 42.690 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	16.6	





#43

Isopropyl Acetate

Concen: 42.522 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Instrument :

MSVOA_U

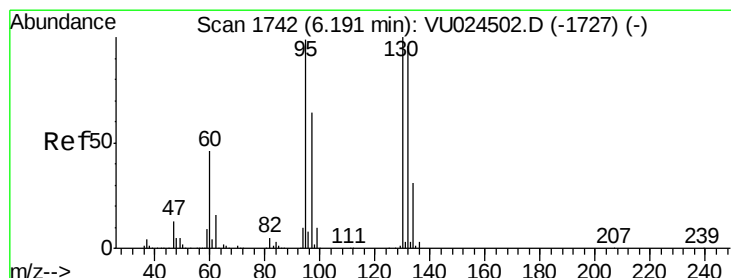
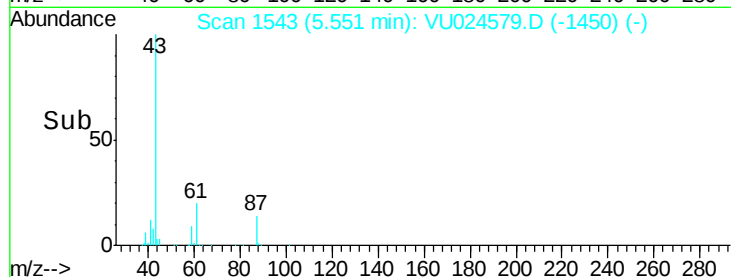
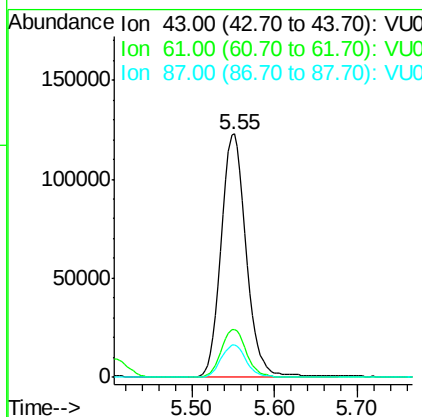
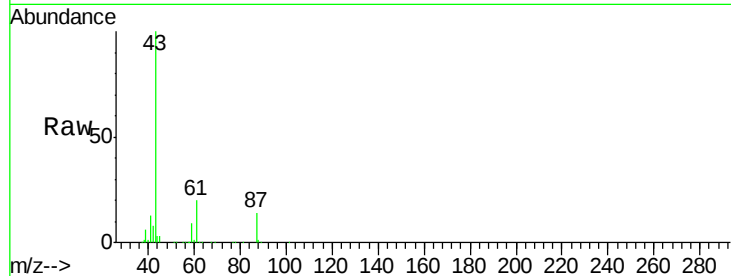
ClientSampleId :

SS050MW047-180610MS

Tot Ion:	43	Resp:	254820
Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.4	23.0
87	13.4	10.0	15.0

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#44

Trichloroethene

Concen: 46.125 ug/l

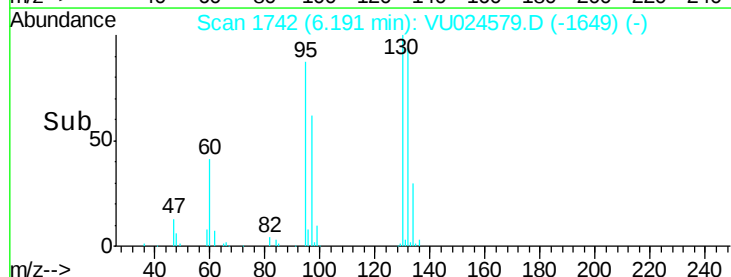
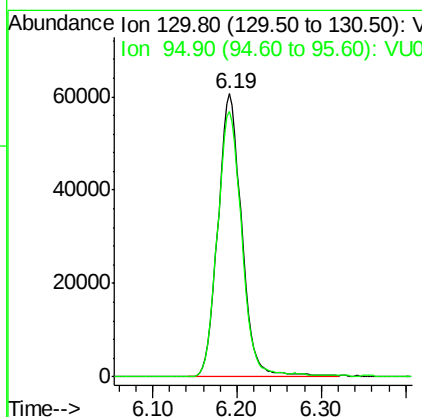
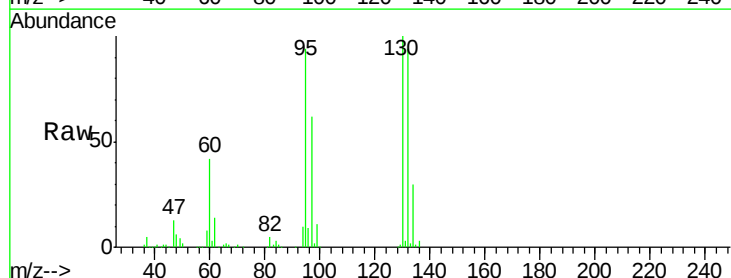
RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Tgt Ion:	130	Resp:	118980
Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	202.4





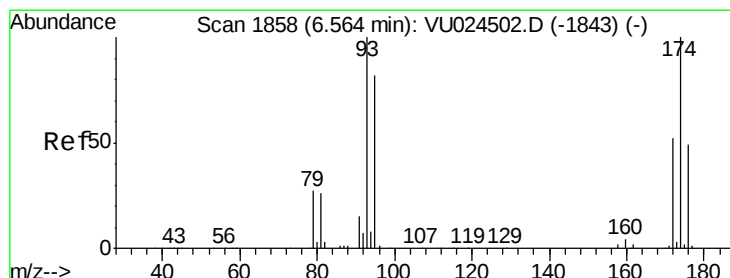
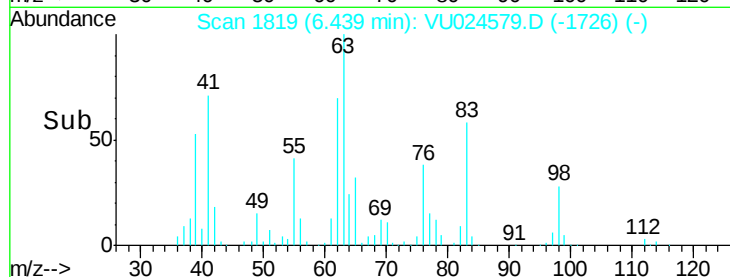
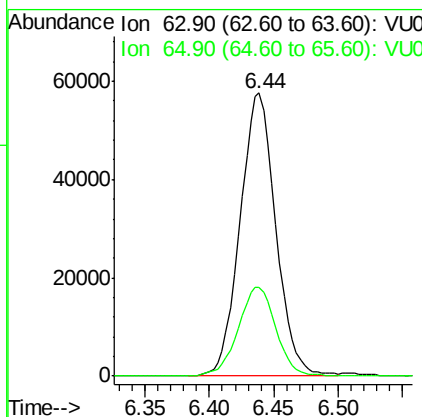
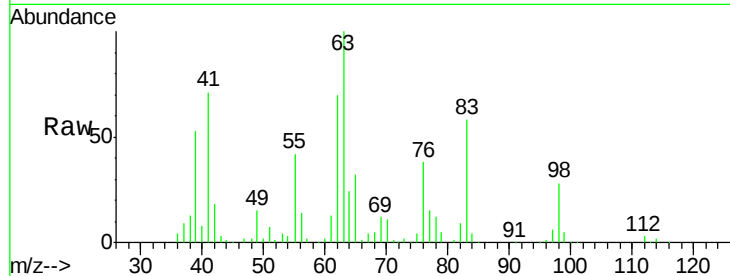
#45
 1,2-Dichloropropane
 Concen: 45.991 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU024579.D
 Acq: 15 Jun 2018 07:08

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MS

Tot Ion: 63 Resp: 111225
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.8 37.2

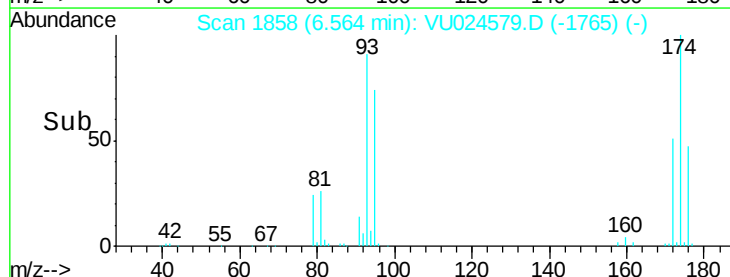
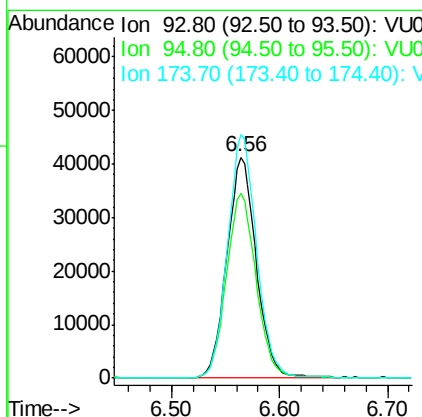
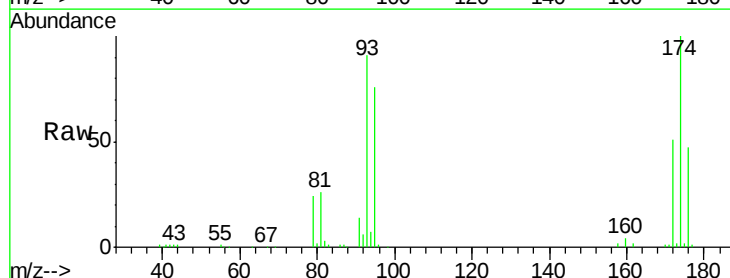
Manual Integrations
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#46
 Dibromomethane
 Concen: 46.283 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU024579.D
 Acq: 15 Jun 2018 07:08

Tgt Ion: 93 Resp: 78622
 Ion Ratio Lower Upper
 93 100
 95 84.4 65.5 98.3
 174 108.7 78.7 118.1





#47

Bromodichloromethane

Concen: 44.338 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Instrument :

MSVOA_U

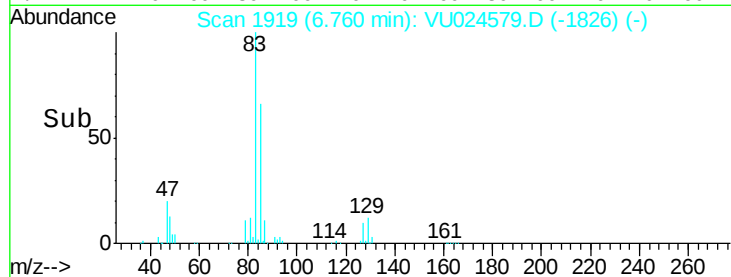
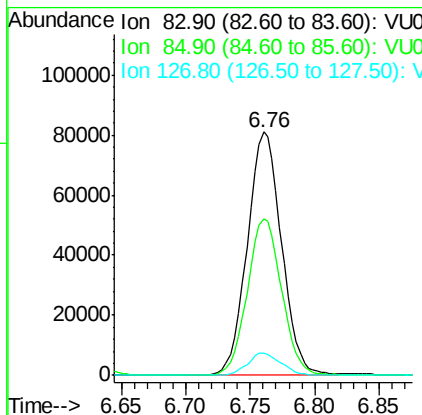
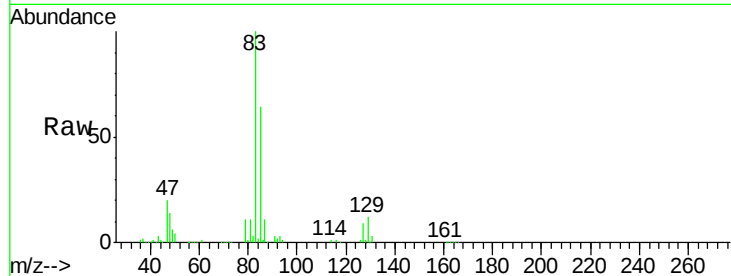
ClientSampleId :

SS050MW047-180610MS

Tot Ion:	83	Resp:	149978
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.9	77.9
127	9.3	6.6	9.8

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#48

Methyl methacrylate

Concen: 44.271 ug/l

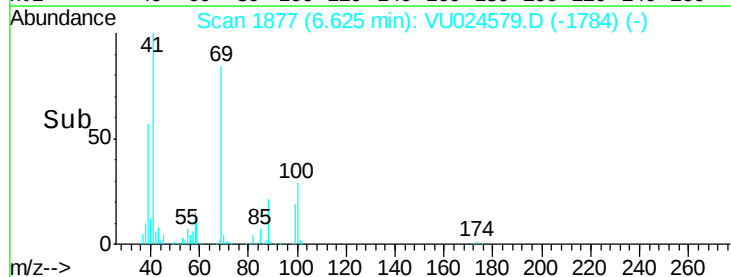
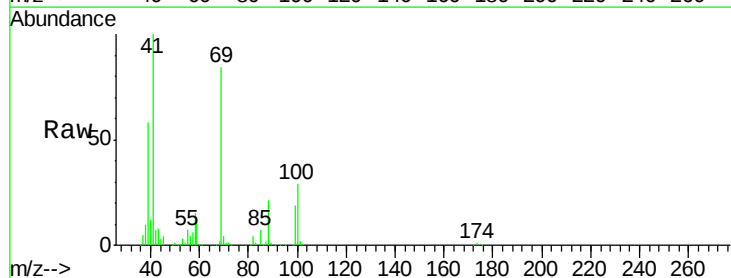
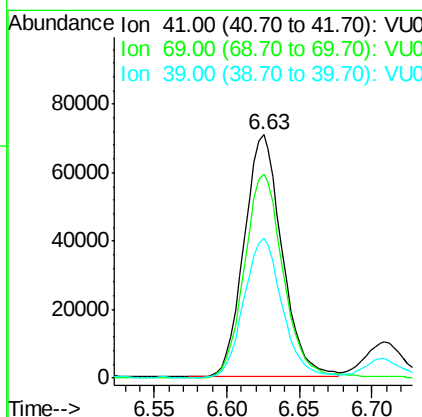
RT: 6.63 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Tgt Ion:	41	Resp:	129187
Ion	Ratio	Lower	Upper
41	100		
69	86.1	67.3	100.9
39	57.5	46.5	69.7





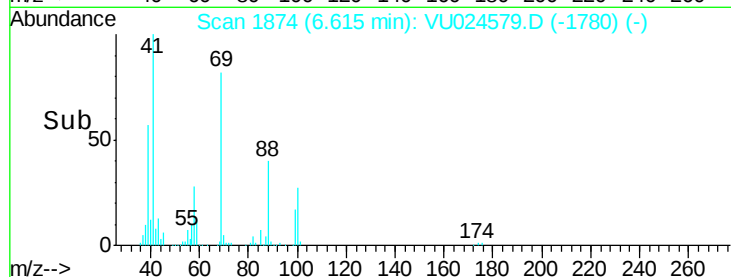
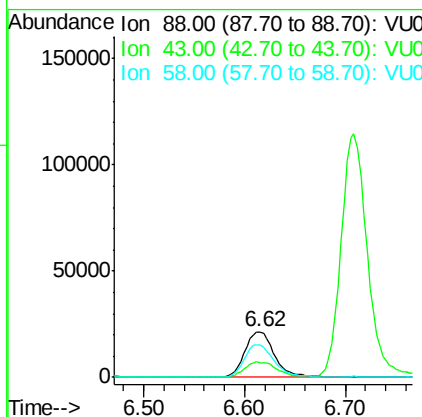
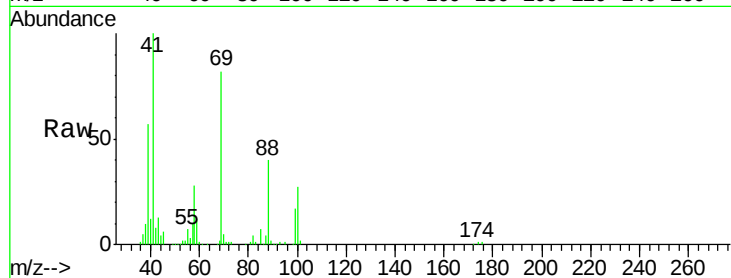
#49
1,4-Dioxane
Concen: 767.402 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.7	28.6	42.8
58	71.3	58.2	87.4

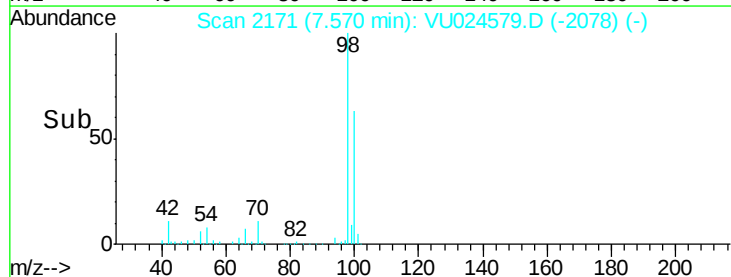
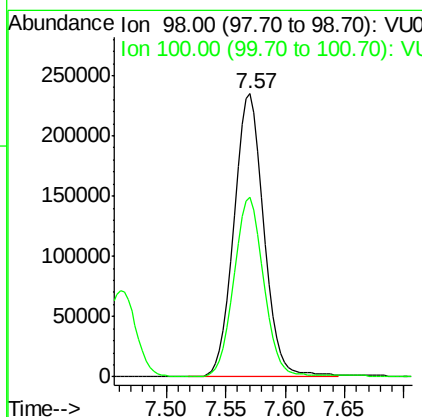
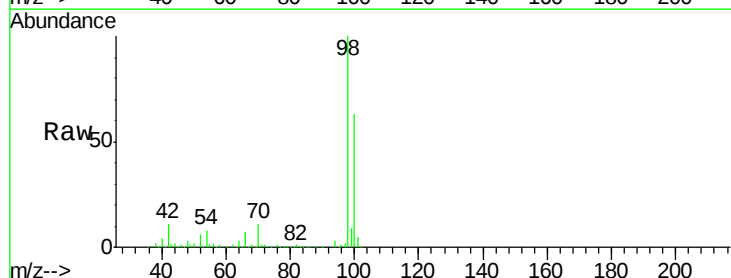
Manual Integrations
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#50
Toluene-d8
Concen: 50.107 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.1	76.7





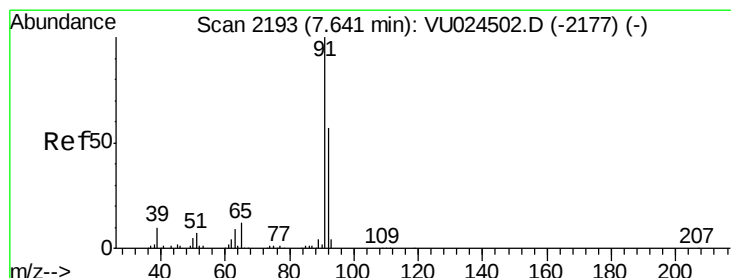
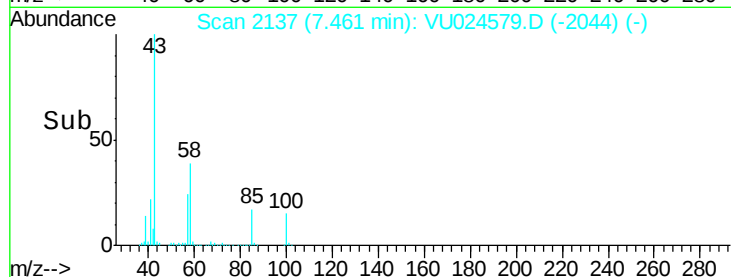
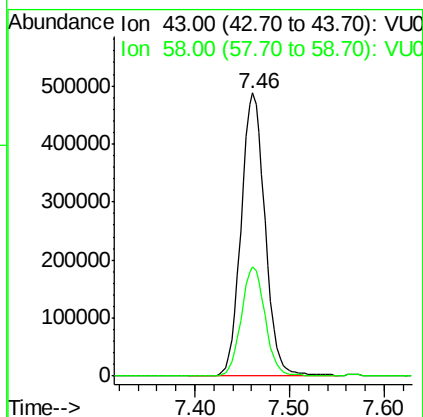
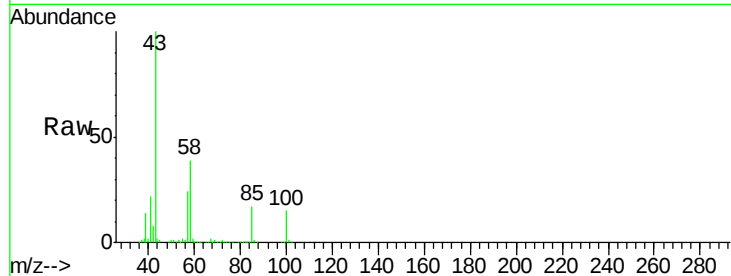
#51
4-Methyl-2-Pentanone
Concen: 227.118 ug/l
RT: 7.46 min Scan# 2137
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.7	30.0	45.0

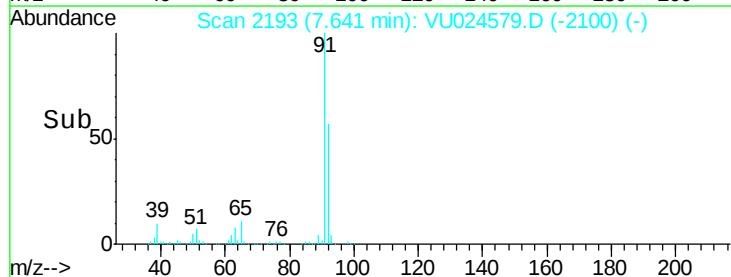
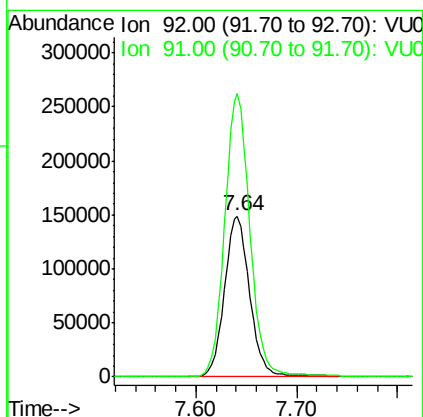
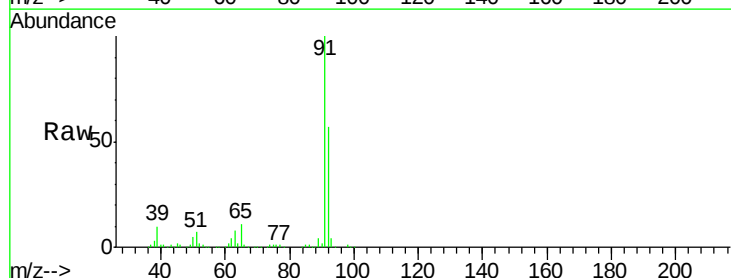
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#52
Toluene
Concen: 44.709 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.7	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 40.819 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MS

Tot Ion: 75 Resp: 155060

Ion Ratio Lower Upper

75 100

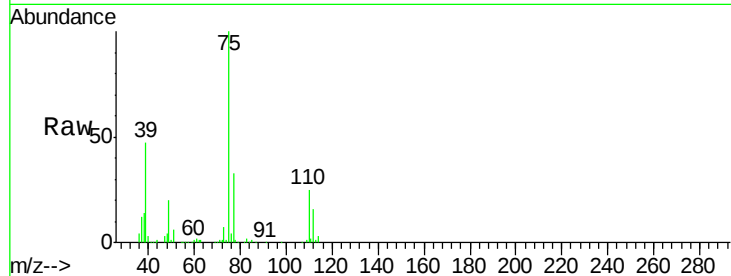
77 32.9 24.8 37.2

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

7.88

100000

80000

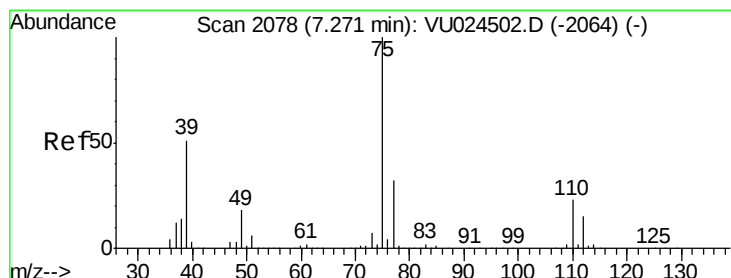
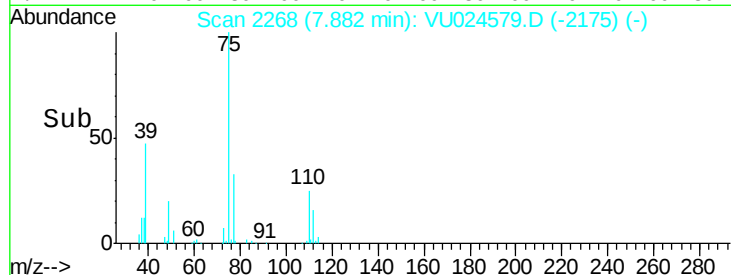
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 40.771 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

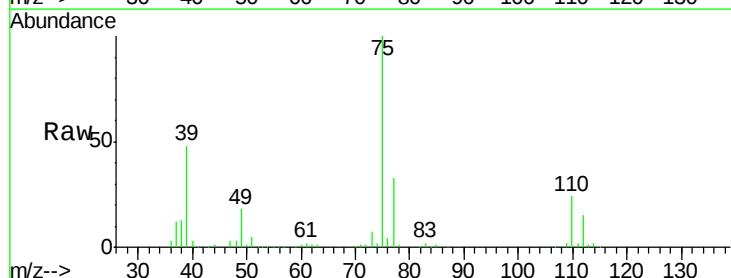
Tgt Ion: 75 Resp: 165032

Ion Ratio Lower Upper

75 100

77 32.9 24.6 36.8

39 48.1 39.8 59.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

120000

100000

80000

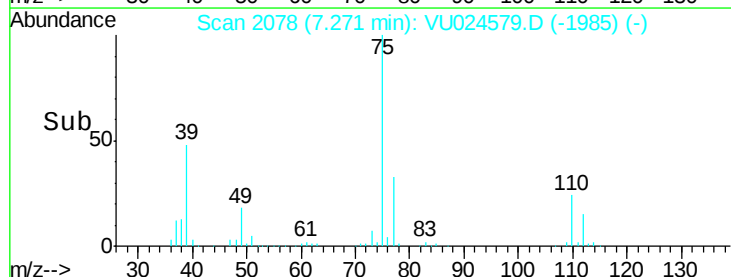
60000

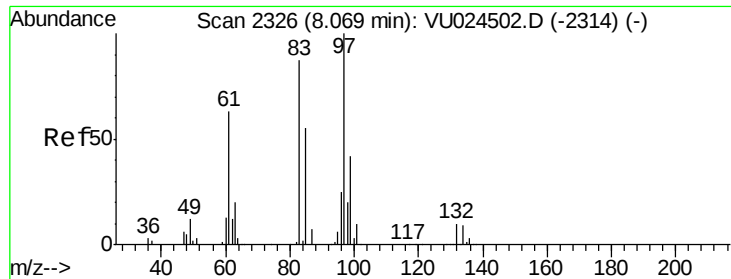
40000

20000

0

Time-->





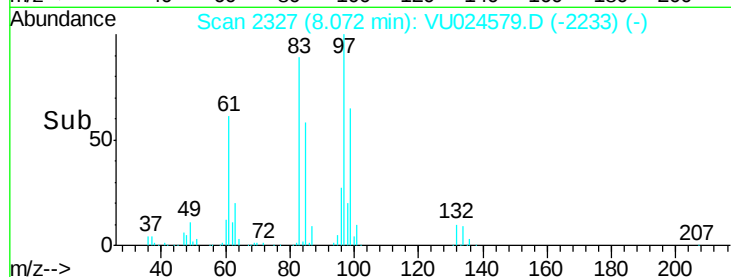
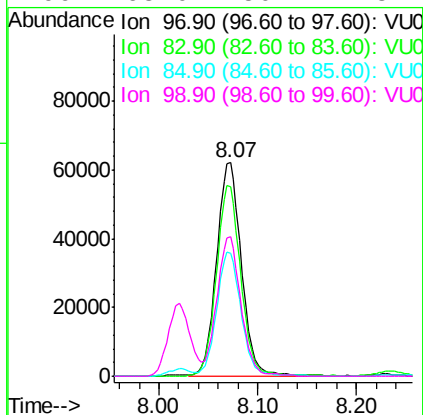
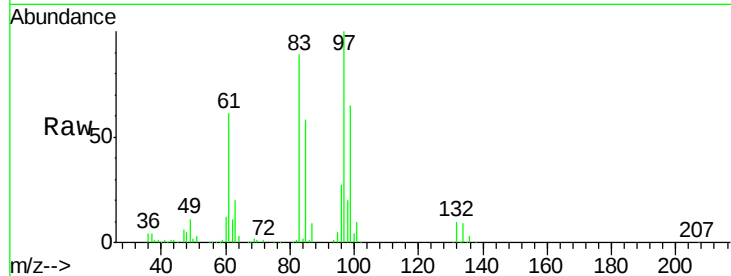
#55
 1,1,2-Trichloroethane
 Concen: 45.936 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024579.D
 Acq: 15 Jun 2018 07:08

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		108883		
83	88.4	70.5	105.7		
85	57.8	46.4	69.6		
99	65.0	50.2	75.2		

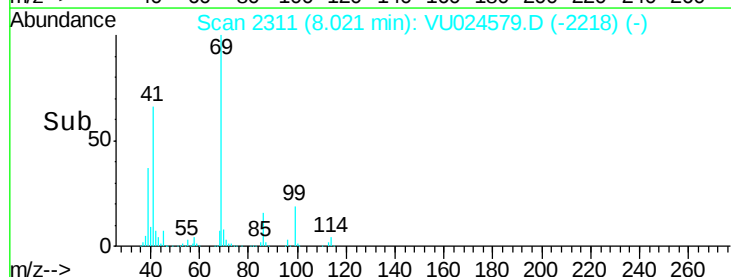
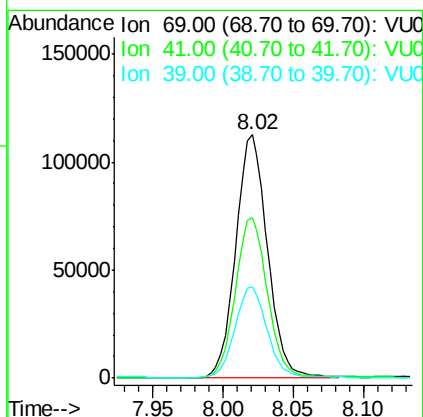
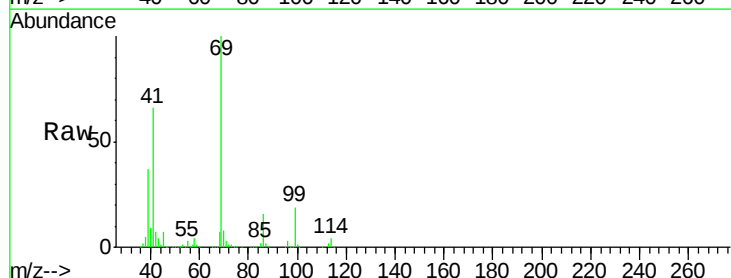
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 44.990 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024579.D
 Acq: 15 Jun 2018 07:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		178491		
41	66.2	54.1	81.1		
39	37.1	30.3	45.5		





#57

1,3-Dichloropropane

Concen: 45.655 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MS

Tot Ion: 76 Resp: 182555

Ion Ratio Lower Upper

76 100

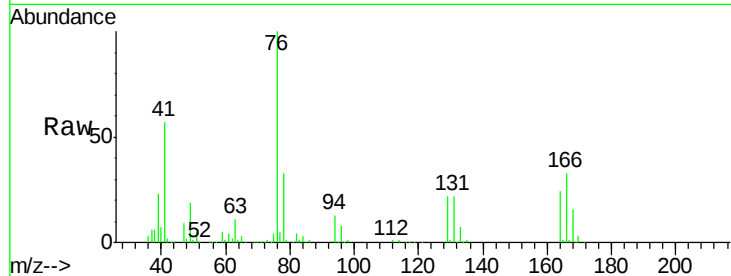
78 32.8 25.2 37.8

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

8.25

120000

100000

80000

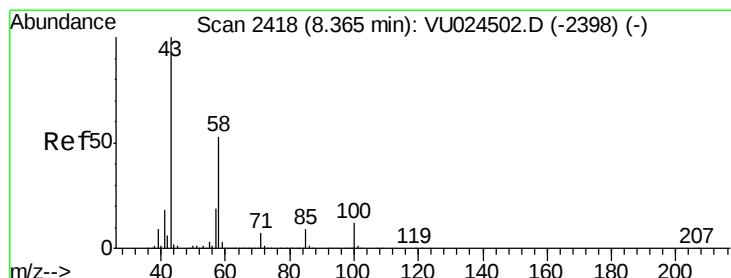
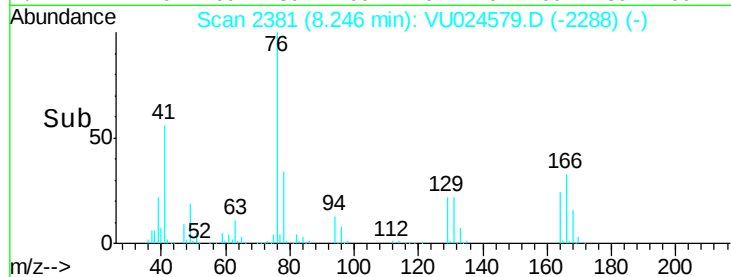
60000

40000

20000

0

Time-->



#59

2-Hexanone

Concen: 214.066 ug/l

RT: 8.36 min Scan# 2418

Delta R.T. -0.00 min

Lab File: VU024579.D

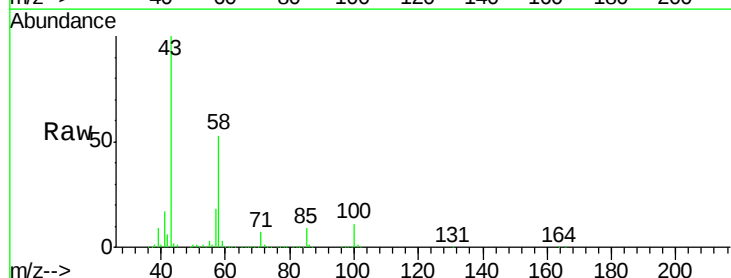
Acq: 15 Jun 2018 07:08

Tgt Ion: 43 Resp: 657971

Ion Ratio Lower Upper

43 100

58 53.9 26.4 79.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

8.36

400000

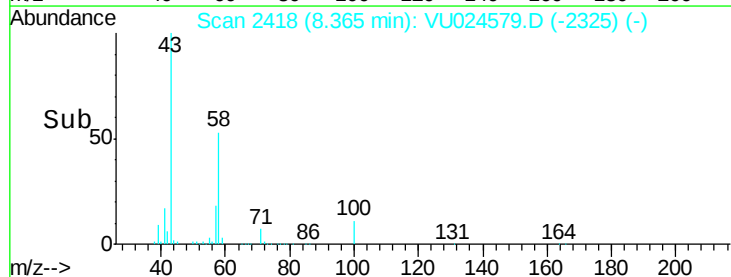
300000

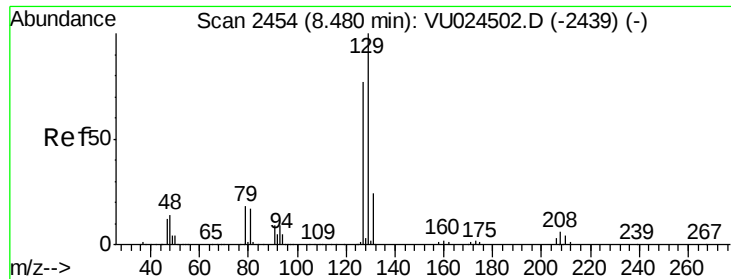
200000

100000

0

Time-->





#60

Dibromochloromethane

Concen: 43.973 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MS

Tot Ion:129 Resp: 129976

Ion Ratio Lower Upper

129 100

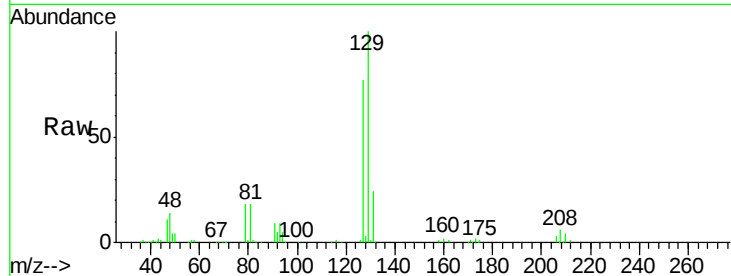
127 78.1 38.6 116.0

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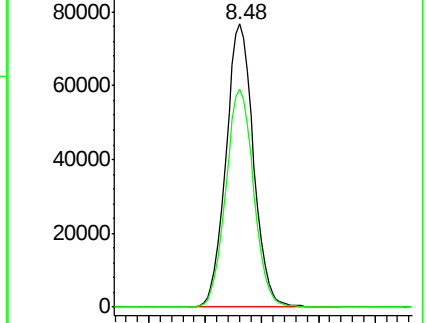
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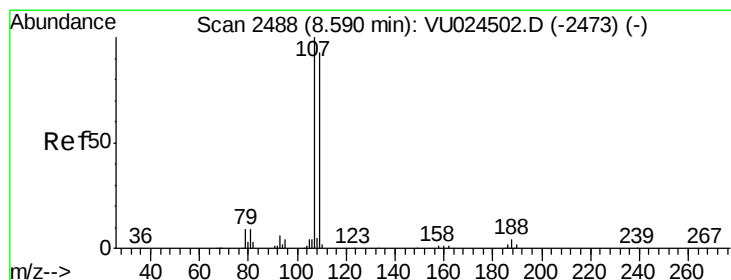
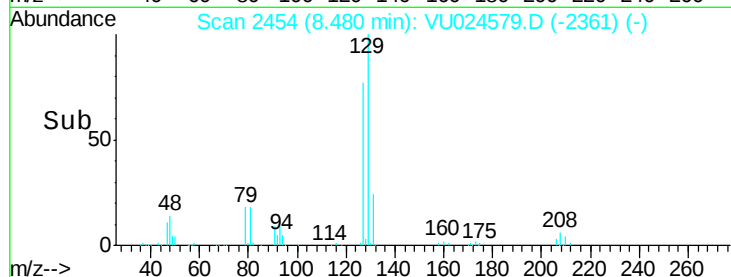


Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



Time-->



#61

1,2-Dibromoethane

Concen: 45.403 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024579.D

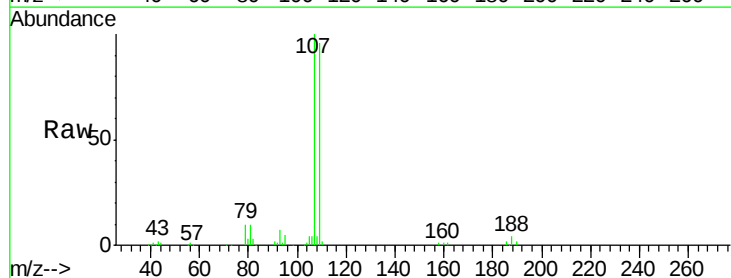
Acq: 15 Jun 2018 07:08

Tgt Ion:107 Resp: 119784

Ion Ratio Lower Upper

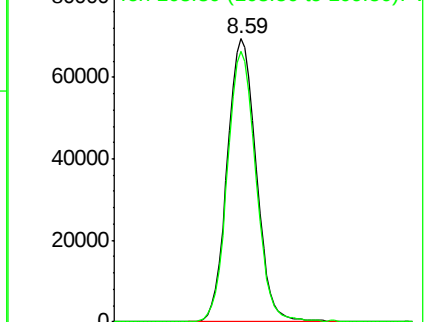
107 100

109 94.3 74.5 111.7

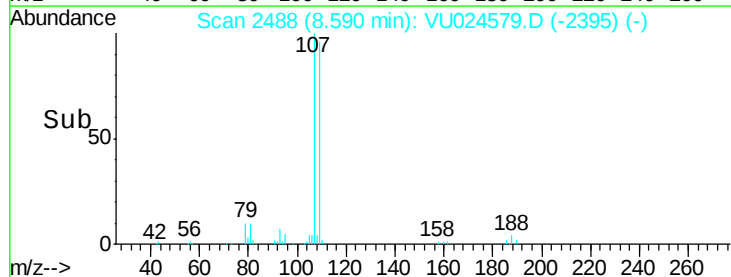


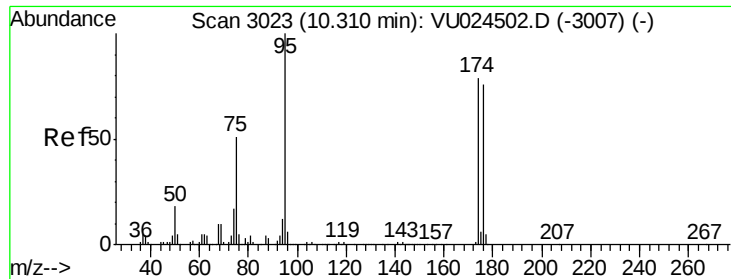
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->





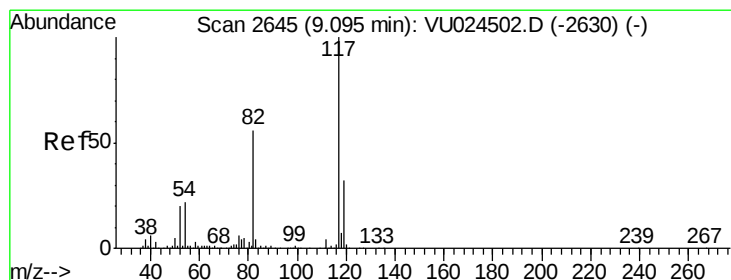
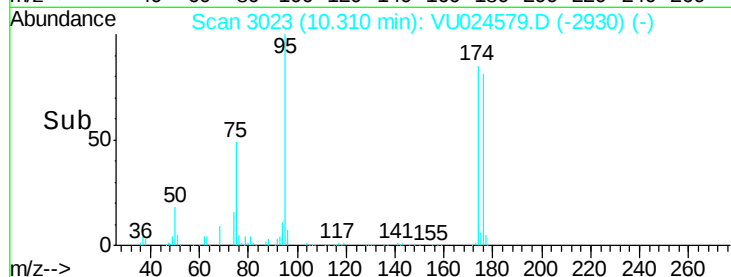
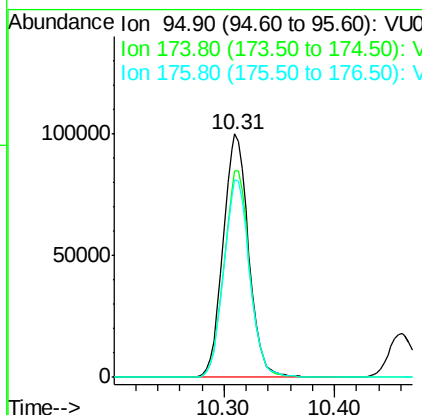
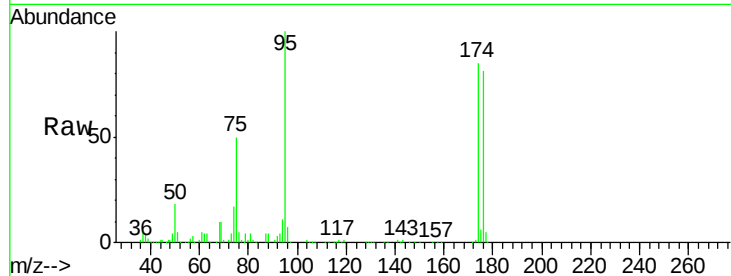
#62
4-Bromofluorobenzene
Concen: 49.137 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	159870		
174	85.2	0.0	165.8	
176	82.3	0.0	159.4	

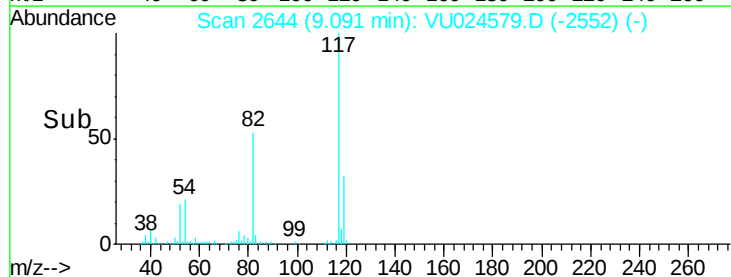
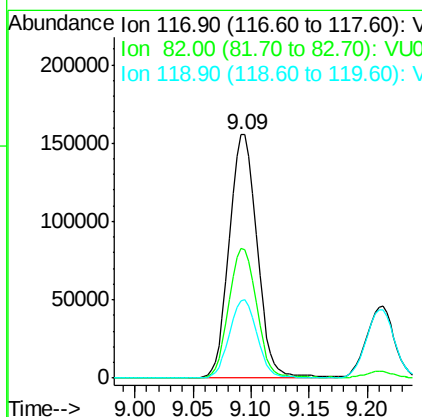
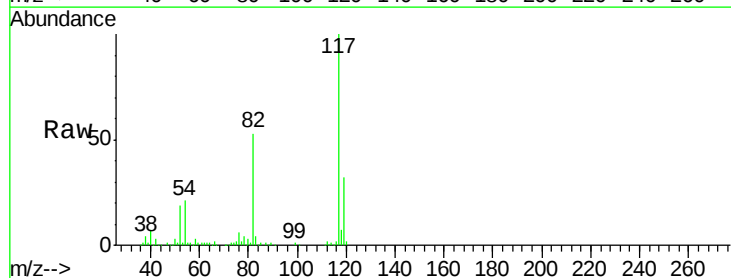
Manual Integrations
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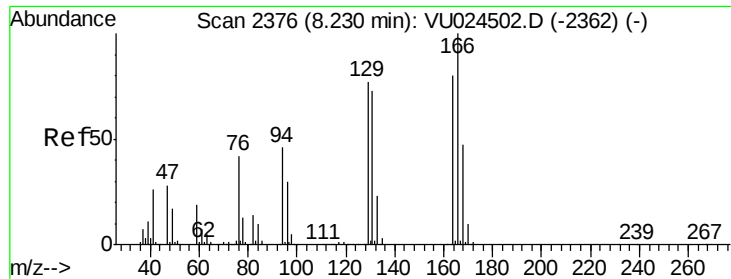
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	259038		
82	53.2	44.3	66.5	
119	31.8	25.4	38.2	





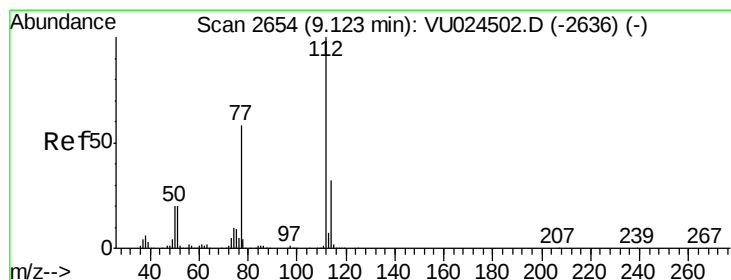
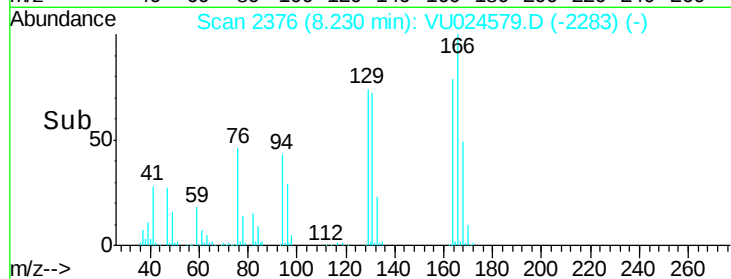
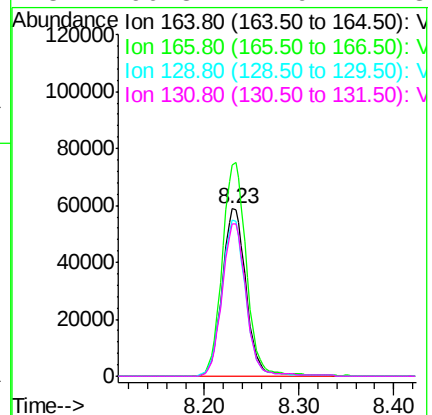
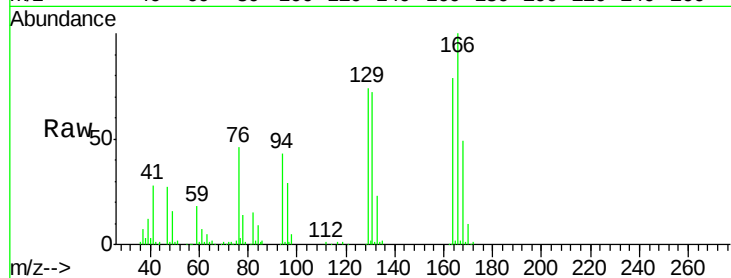
#64
Tetrachloroethene
Concen: 42.087 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	126.5	101.7	152.5	
129	93.4	76.9	115.3	
131	90.8	74.9	112.3	

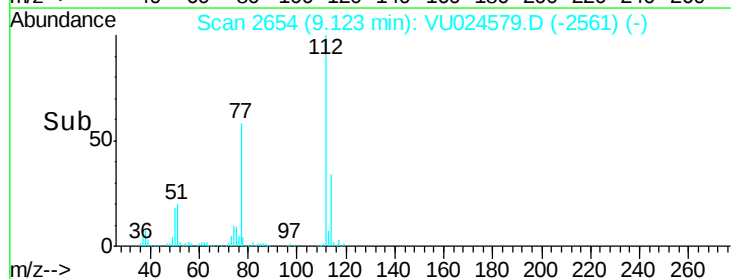
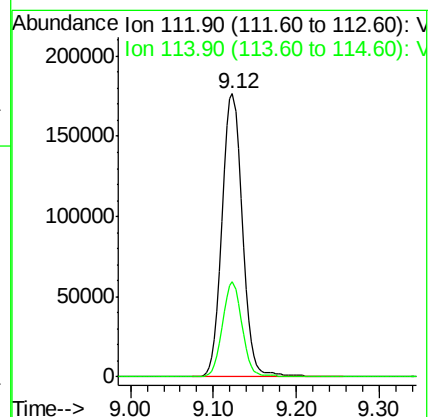
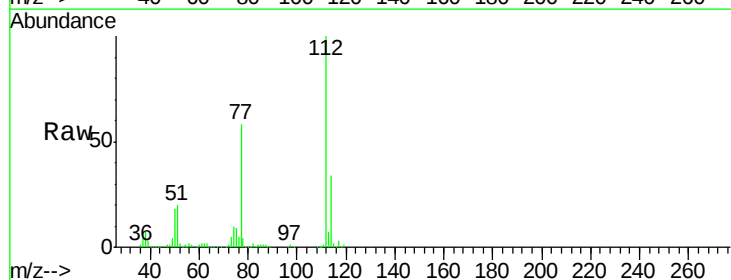
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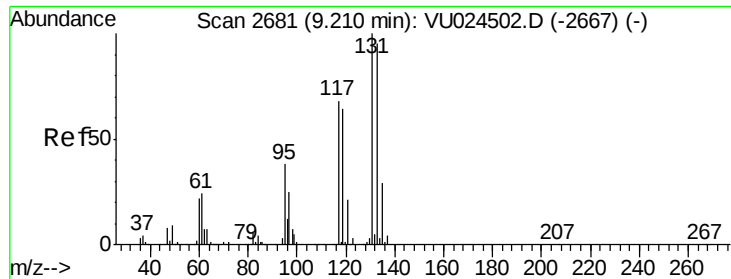
apatel
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#65
Chlorobenzene
Concen: 45.378 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	33.6	25.6	38.4	





#66

1,1,1,2-Tetrachloroethane

Concen: 45.187 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Instrument :

MSVOA_U

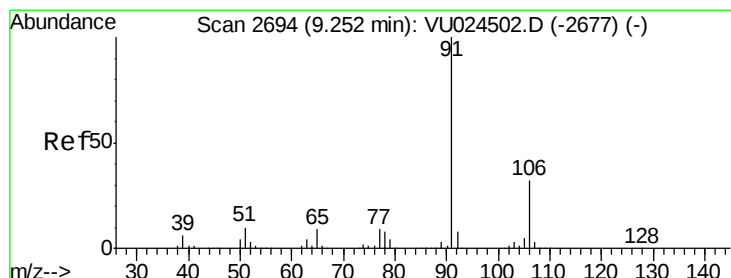
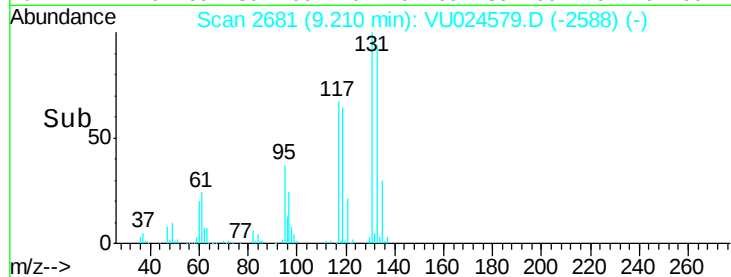
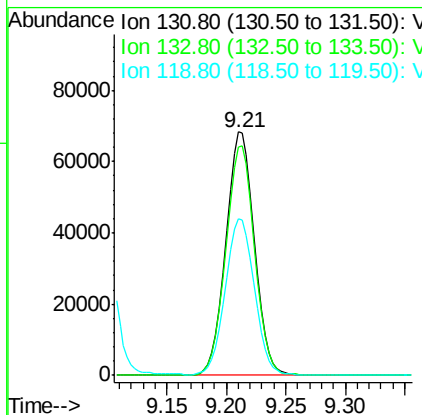
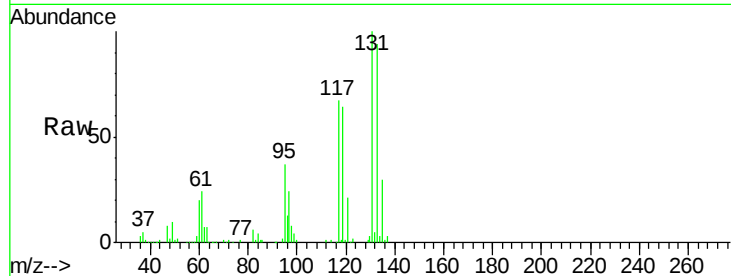
ClientSampleId :

SS050MW047-180610MS

Tot Ion:	131	Resp:	113605
Ion Ratio	Lower	Upper	
131	100		
133	94.9	46.9	140.8
119	65.8	33.5	100.4

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#67

Ethyl Benzene

Concen: 44.344 ug/l

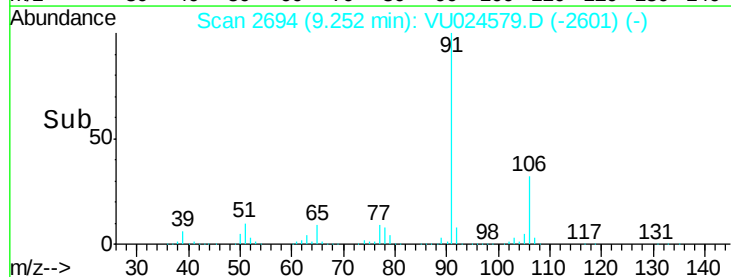
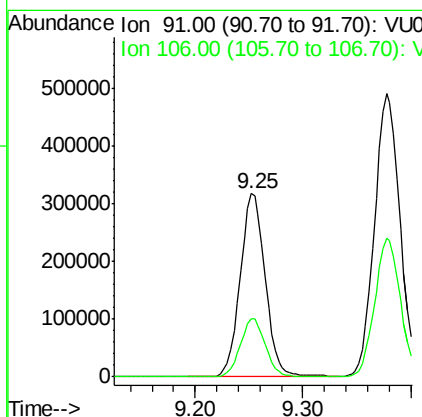
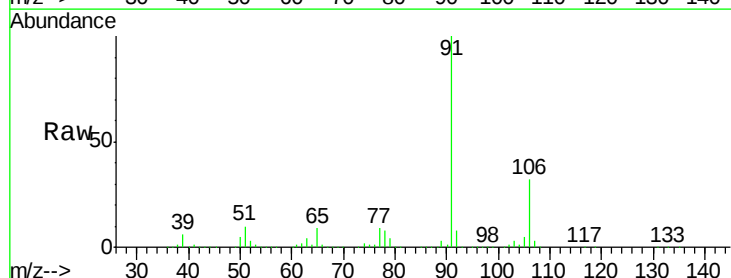
RT: 9.25 min Scan# 2694

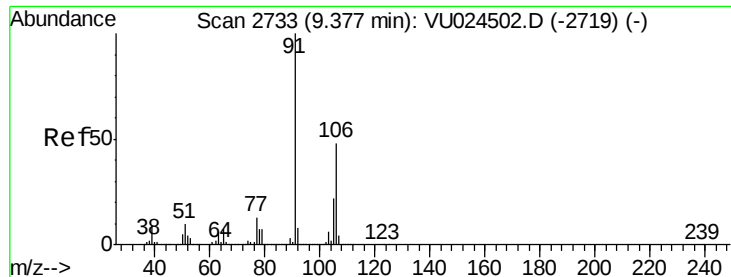
Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Tgt Ion:	91	Resp:	514433
Ion Ratio	Lower	Upper	
91	100		
106	31.8	24.2	36.4





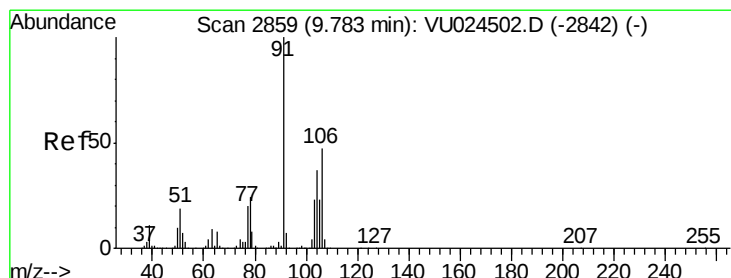
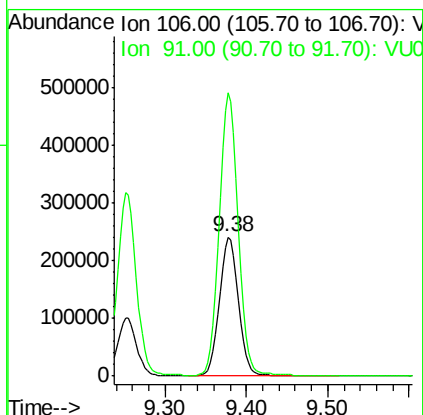
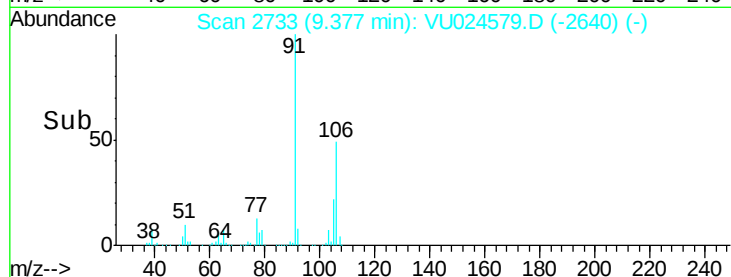
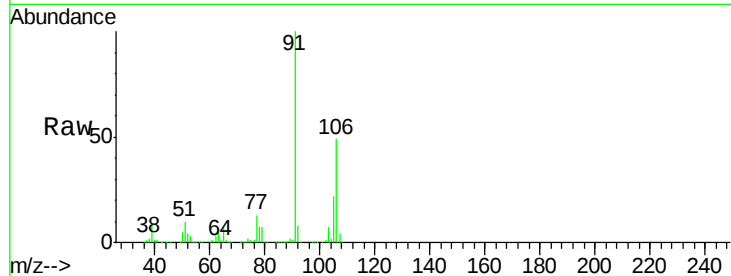
#68
m/p-Xylenes
Concen: 90.223 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MS

Tot Ion:106 Resp: 401920
Ion Ratio Lower Upper
106 100
91 202.0 166.5 249.7

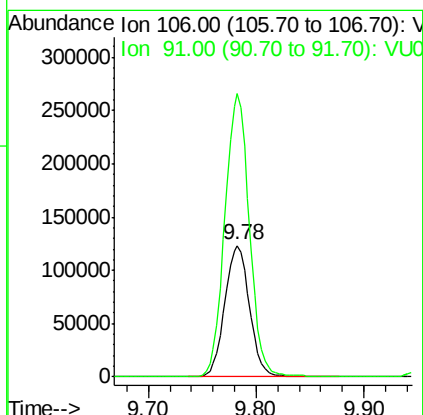
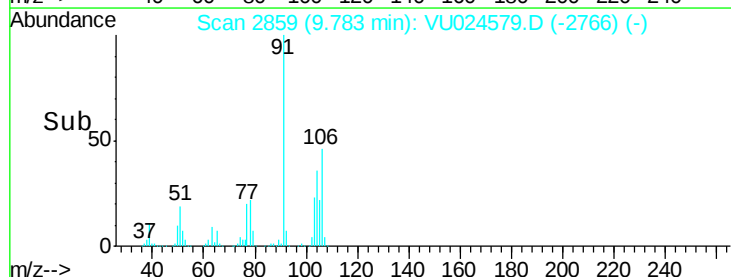
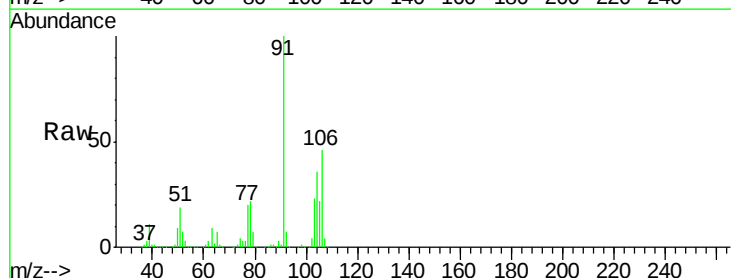
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#69
o-Xylene
Concen: 44.609 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Tgt Ion:106 Resp: 196670
Ion Ratio Lower Upper
106 100
91 213.7 110.7 331.9





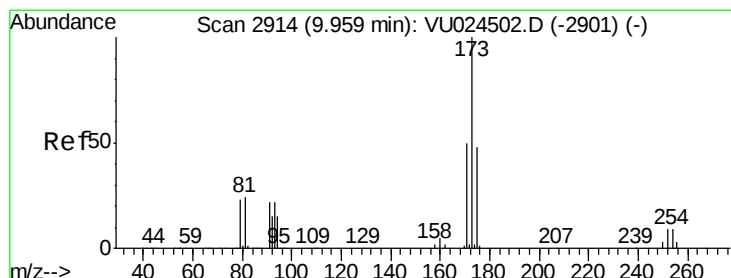
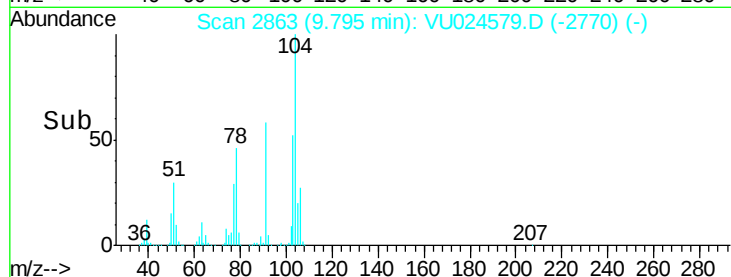
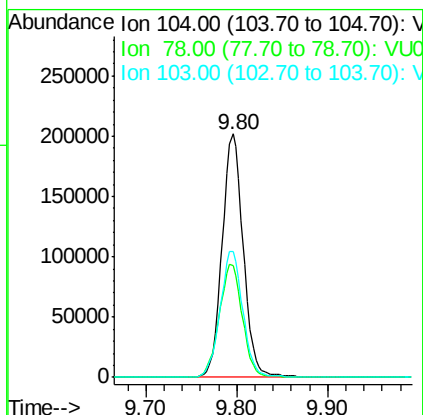
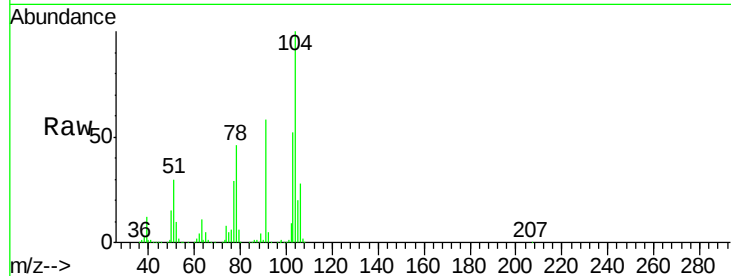
#70
Stvrene
Concen: 45.090 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.8	40.6	60.8
103	55.8	44.7	67.1

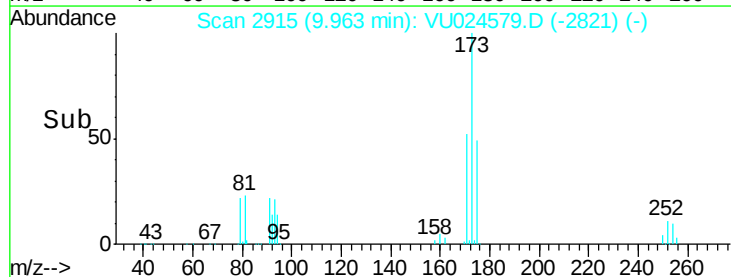
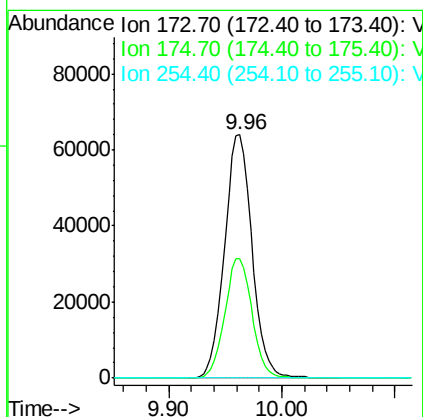
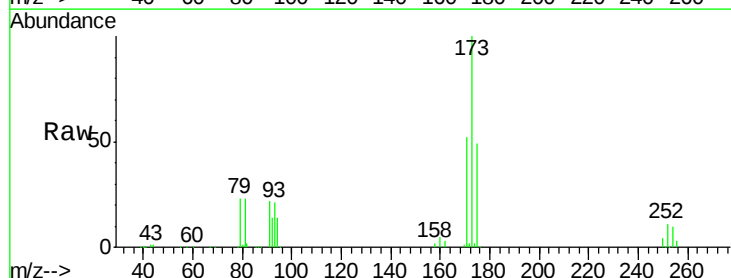
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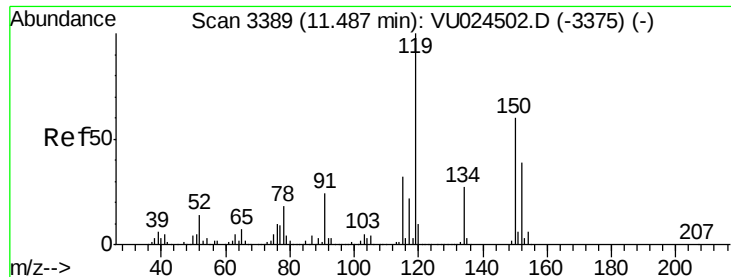
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#71
Bromoform
Concen: 45.321 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.6	74.0
254	0.0	0.0	0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Instrument :

MSVOA_U

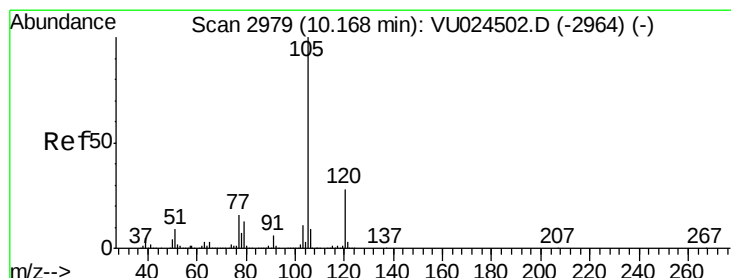
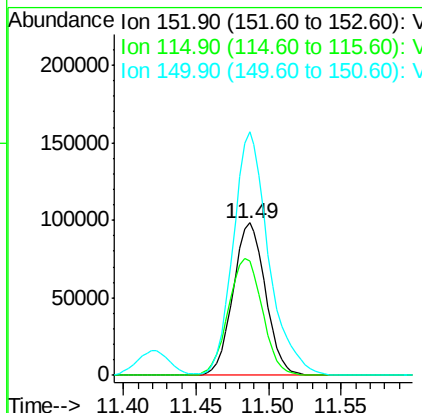
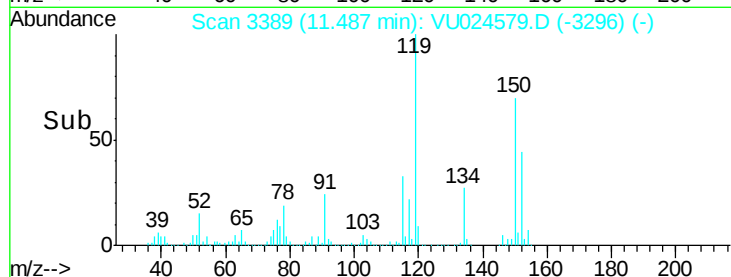
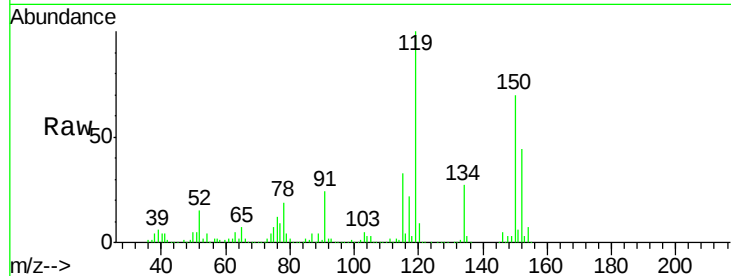
ClientSampleId :

SS050MW047-180610MS

Tot Ion:	152	Resp:	152395
Ion Ratio	Lower	Upper	
152	100		
115	80.9	43.0	129.0
150	174.4	0.0	354.0

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#73

Isopropylbenzene

Concen: 44.596 ug/l

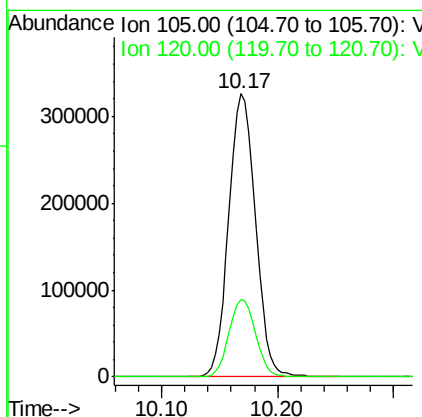
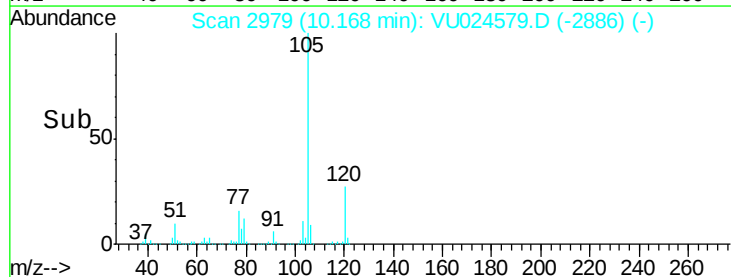
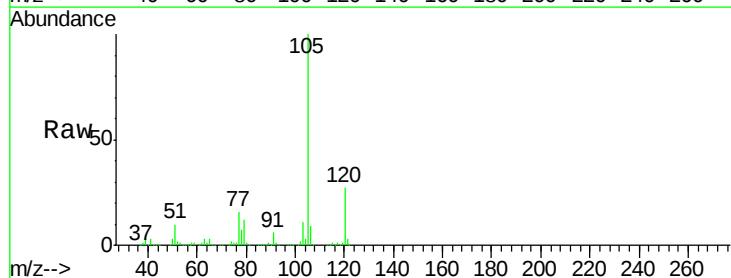
RT: 10.17 min Scan# 2979

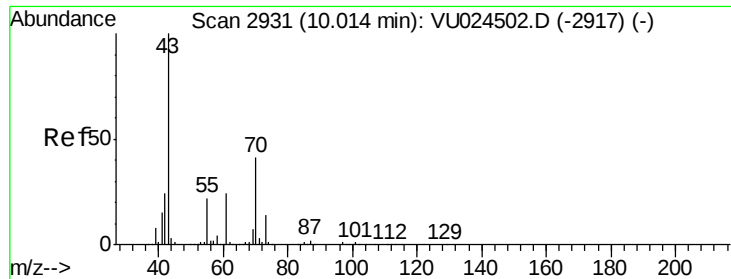
Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Tgt Ion:	105	Resp:	521790
Ion Ratio	Lower	Upper	
105	100		
120	27.3	13.2	39.6





#74

N-amvl acetate

Concen: 41.297 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Instrument :

MSVOA_U

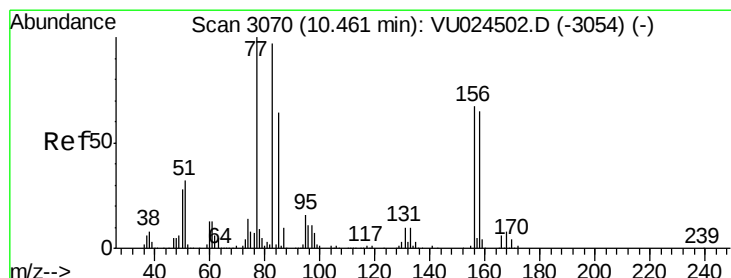
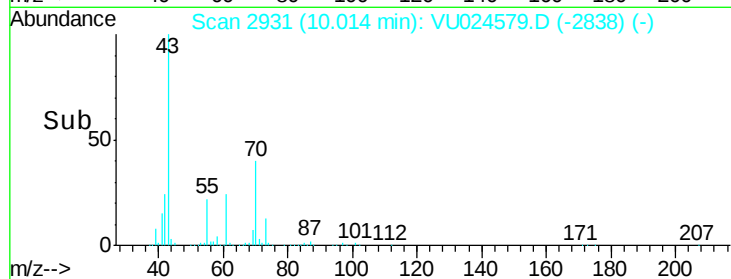
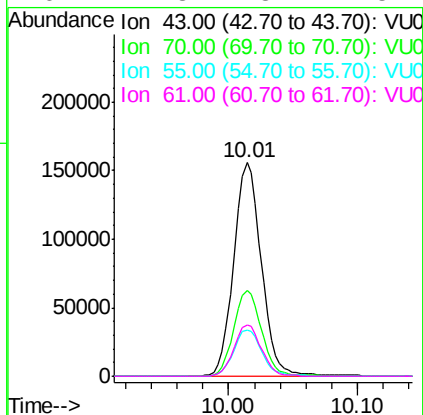
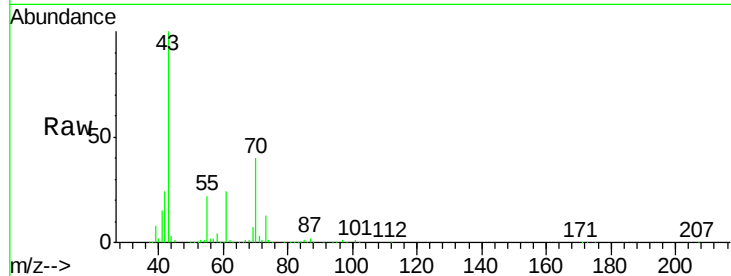
ClientSampleId :

SS050MW047-180610MS

Tot Ion:	43	Resp:	229829
Ion	Ratio	Lower	Upper
43	100		
70	41.0	32.2	48.4
55	22.2	20.5	30.7
61	24.3	18.7	28.1

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#75

1,1,2,2-Tetrachloroethane

Concen: 46.457 ug/l

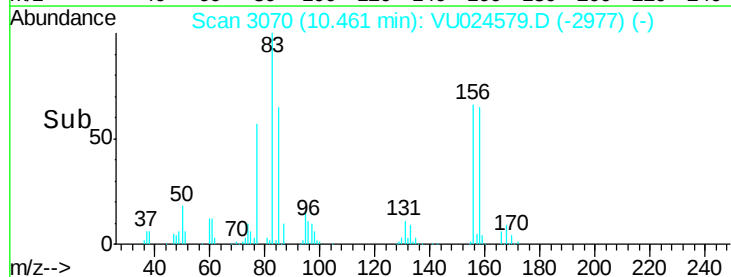
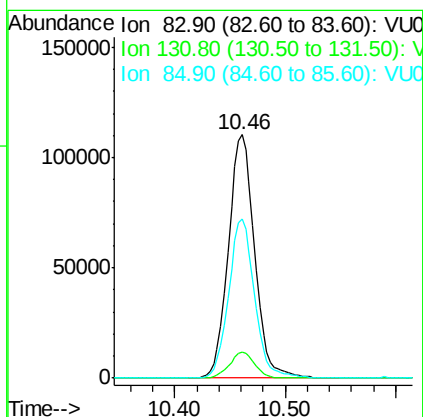
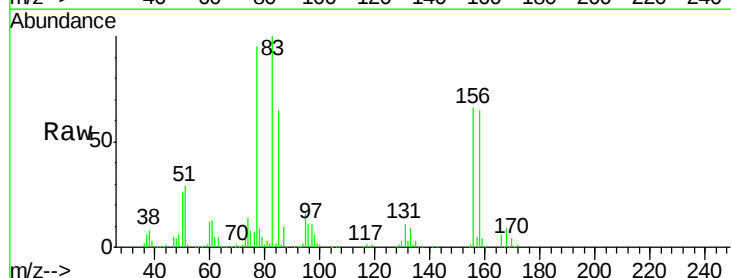
RT: 10.46 min Scan# 3070

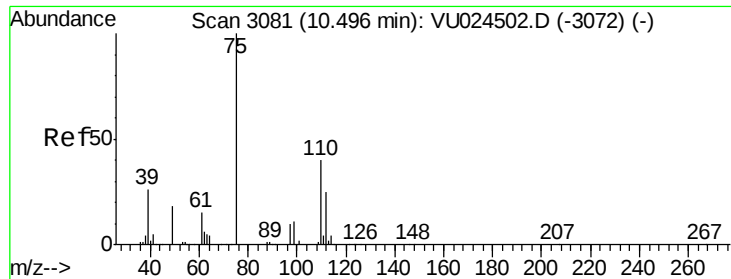
Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Tgt Ion:	83	Resp:	182149
Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.7	14.1
85	64.7	32.5	97.5





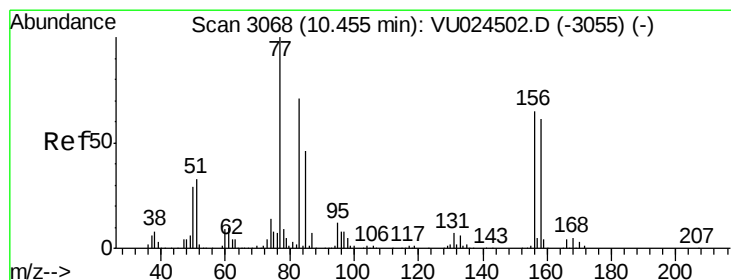
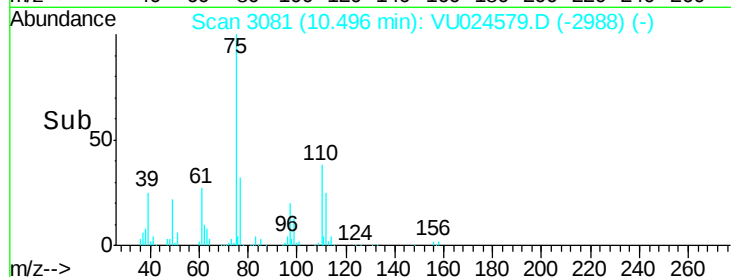
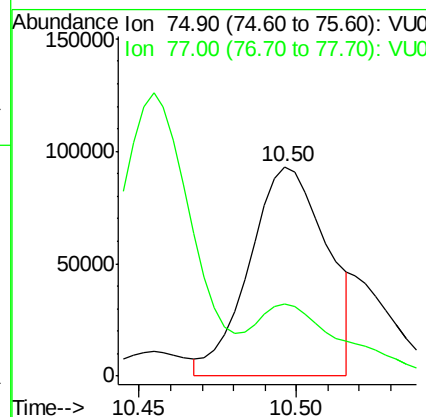
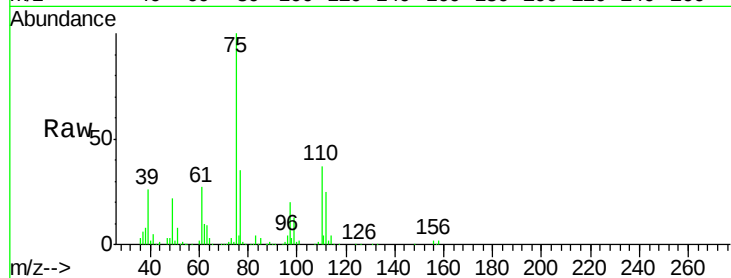
#76
1,2,3-Trichloropropane
Concen: 47.483 ug/l m
RT: 10.50 min Scan# 3081
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MS

Tot Ion: 75 Resp: 159313
Ion Ratio Lower Upper
75 100
77 38.8 20.9 62.7

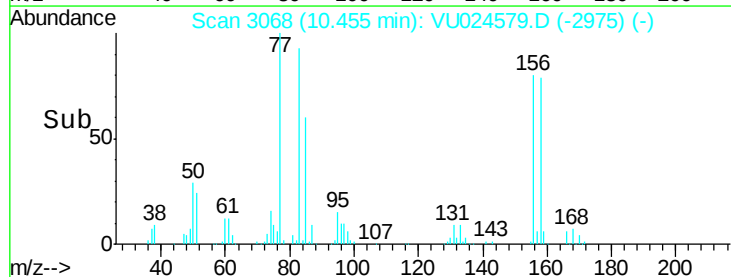
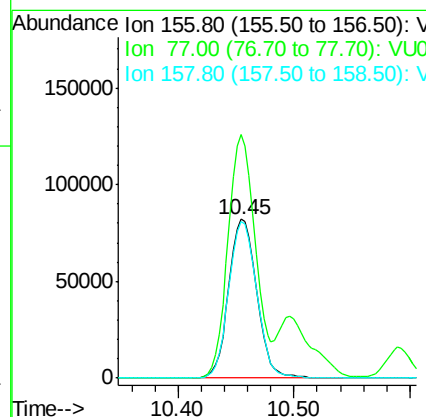
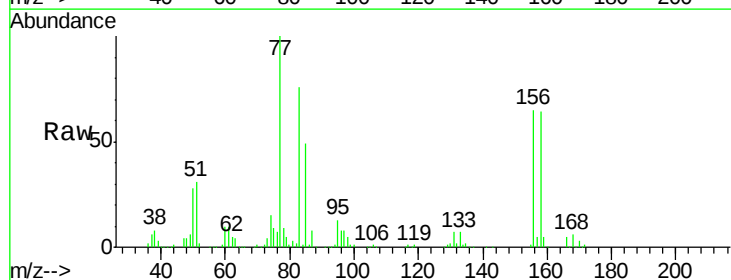
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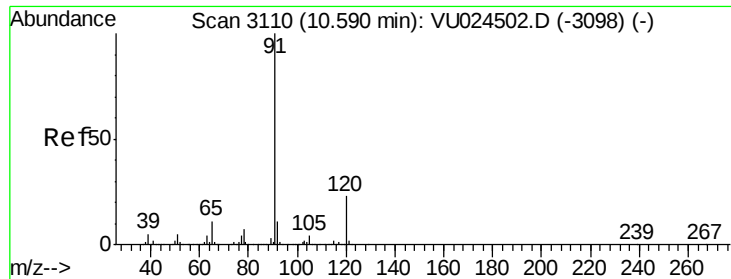
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#77
Bromobenzene
Concen: 46.313 ug/l
RT: 10.45 min Scan# 3068
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Tgt Ion: 156 Resp: 137182
Ion Ratio Lower Upper
156 100
77 149.4 80.5 241.3
158 98.8 48.2 144.6





#78

n-propylbenzene

Concen: 44.340 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MS

Tot Ion: 91 Resp: 611135

Ion Ratio Lower Upper

91 100

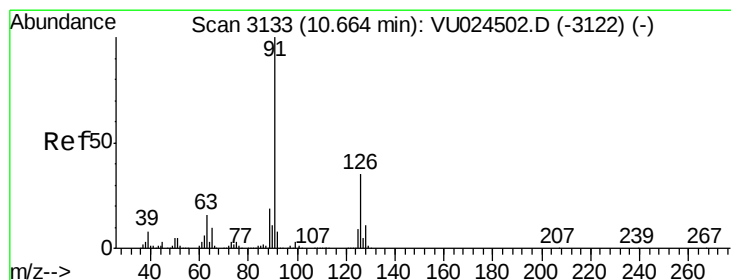
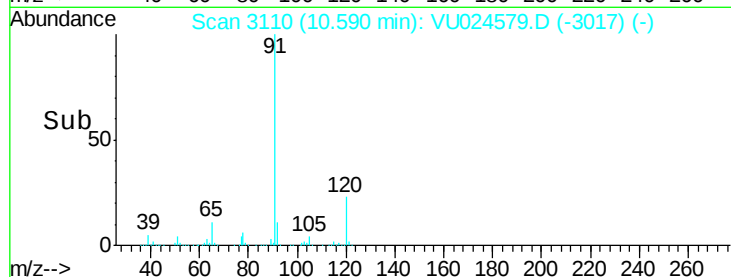
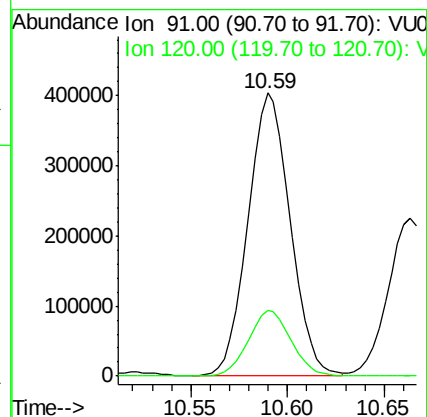
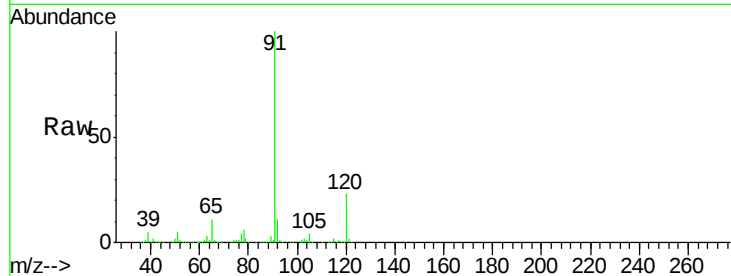
120 23.6 11.2 33.5

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#79

2-Chlorotoluene

Concen: 44.099 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024579.D

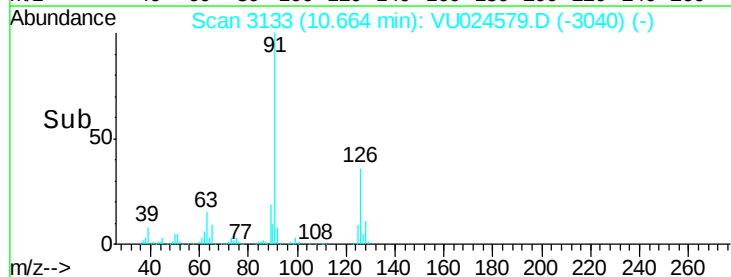
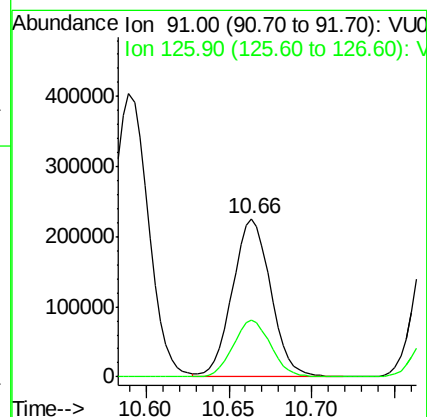
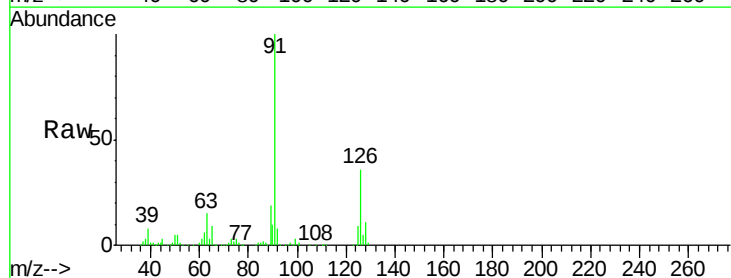
Acq: 15 Jun 2018 07:08

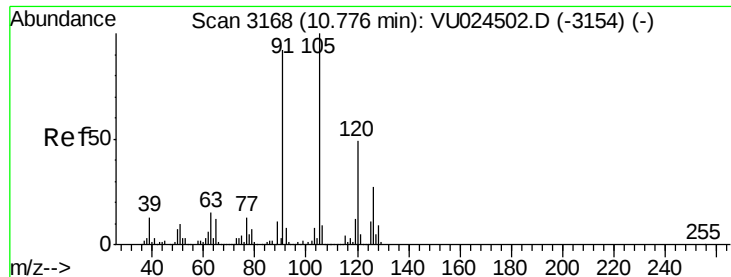
Tgt Ion: 91 Resp: 358436

Ion Ratio Lower Upper

91 100

126 35.6 16.9 50.7





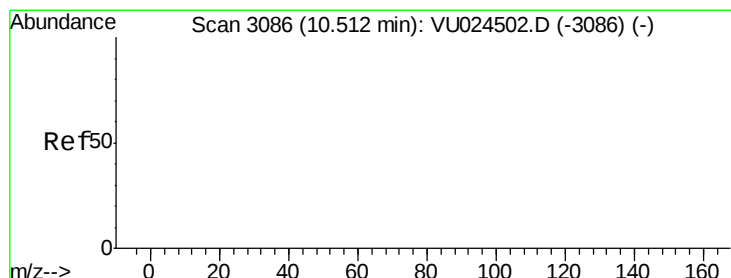
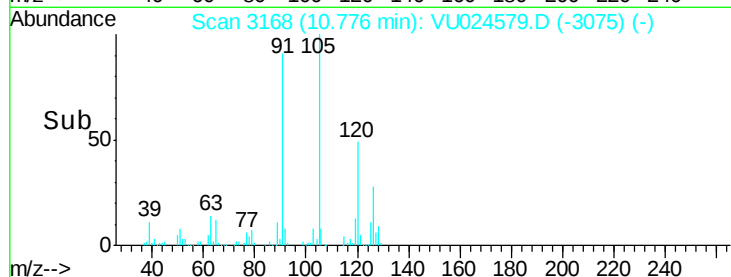
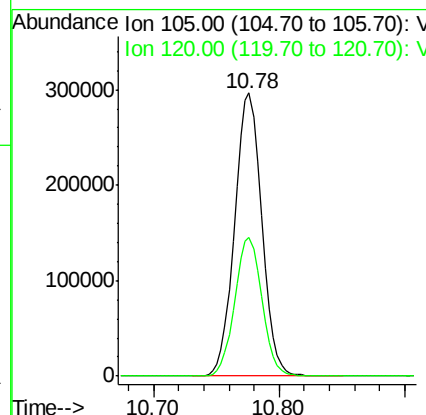
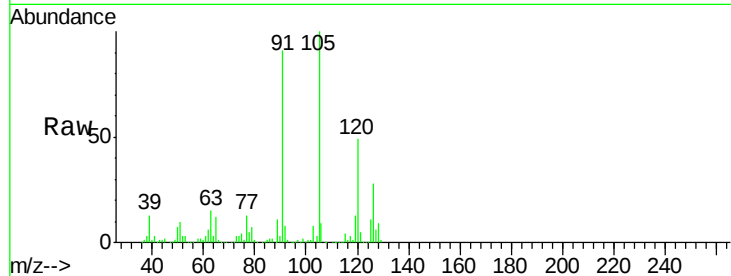
#80
 1,3,5-Trimethylbenzene
 Concen: 43.976 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: VU024579.D
 Acq: 15 Jun 2018 07:08

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MS

Tot Ion:105 Resp: 445969
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.1 72.2

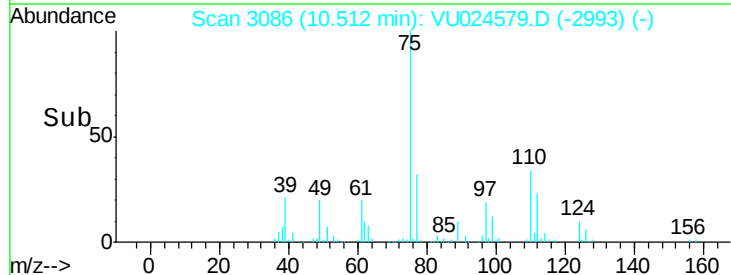
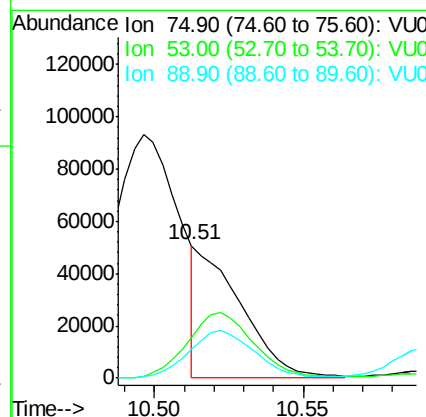
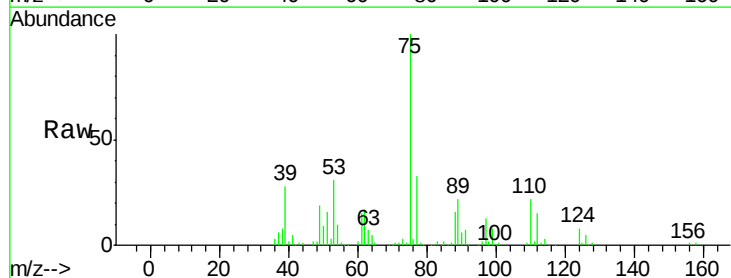
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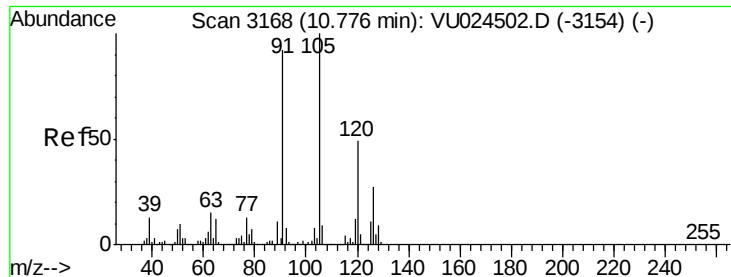
apatel
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 35.825 ug/l m
 RT: 10.51 min Scan# 3086
 Delta R.T. -0.00 min
 Lab File: VU024579.D
 Acq: 15 Jun 2018 07:08

Tgt Ion: 75 Resp: 51935
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 44.858 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MS

Tot Ion: 91 Resp: 424359

Ion Ratio Lower Upper

91 100

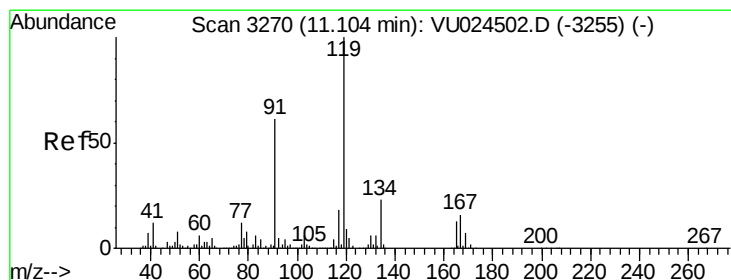
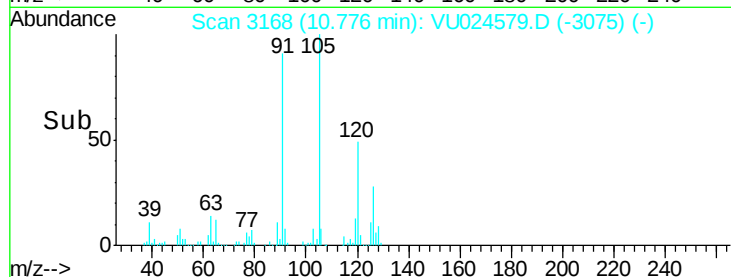
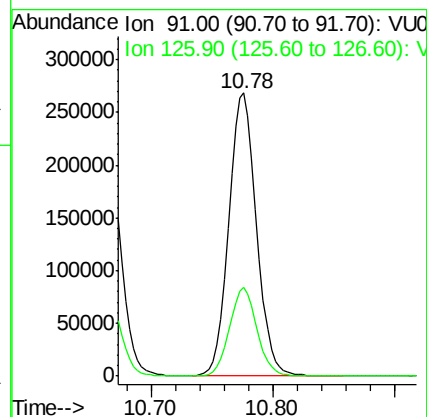
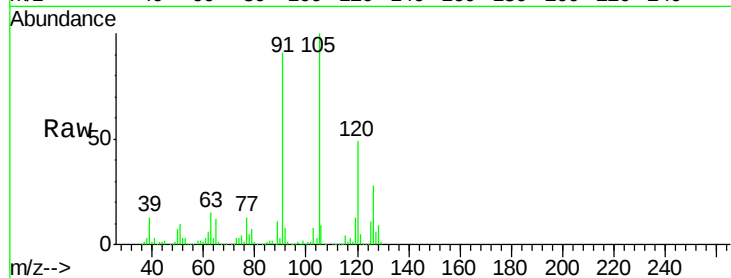
126 31.2 14.9 44.9

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#83

tert-Butylbenzene

Concen: 45.673 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

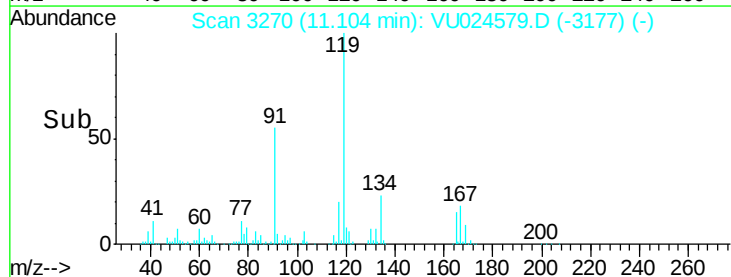
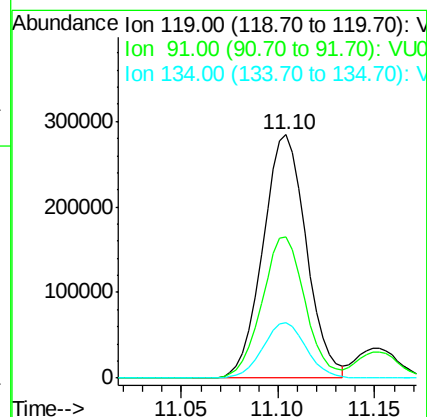
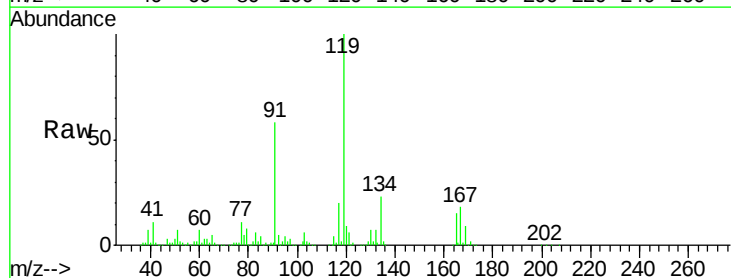
Tgt Ion: 119 Resp: 445541

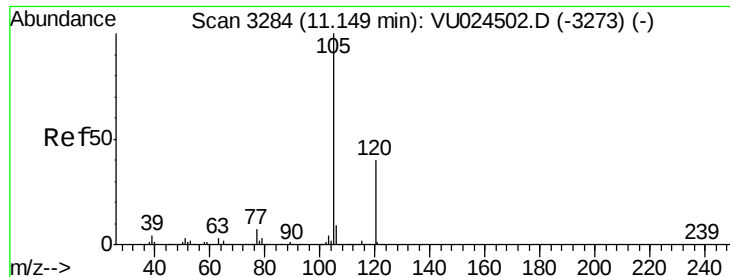
Ion Ratio Lower Upper

119 100

91 57.6 29.7 89.1

134 22.8 11.6 34.7





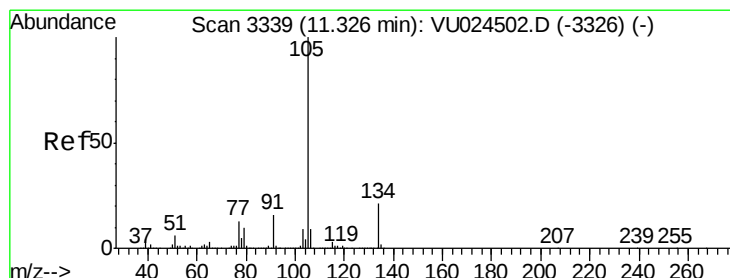
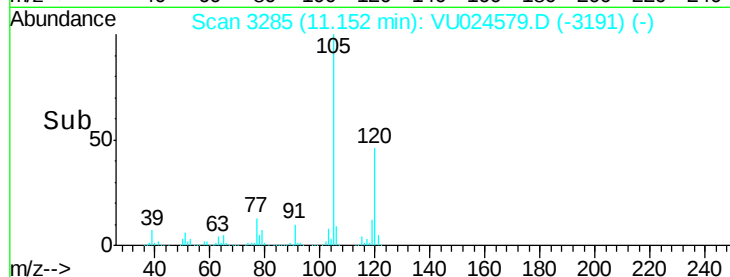
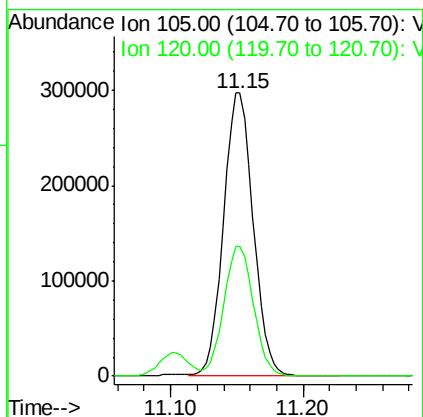
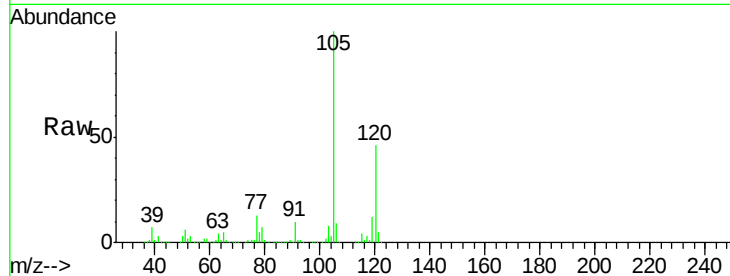
#84
 1,2,4-Trimethylbenzene
 Concen: 44.613 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024579.D
 Acq: 15 Jun 2018 07:08

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.6	67.8

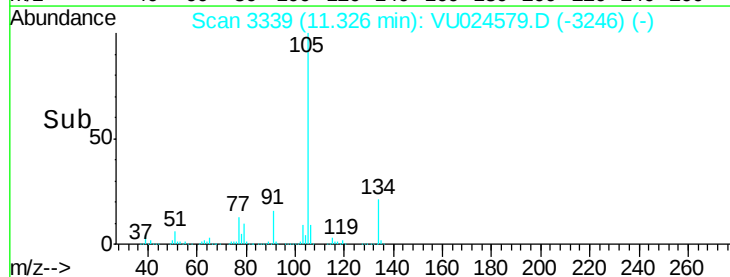
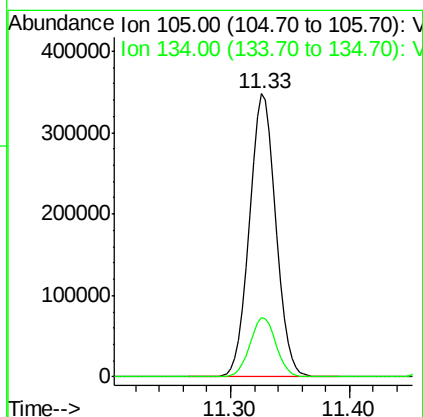
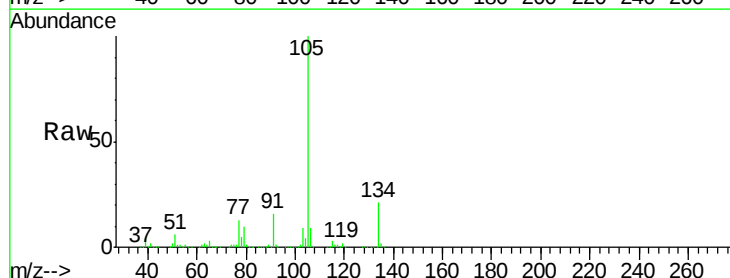
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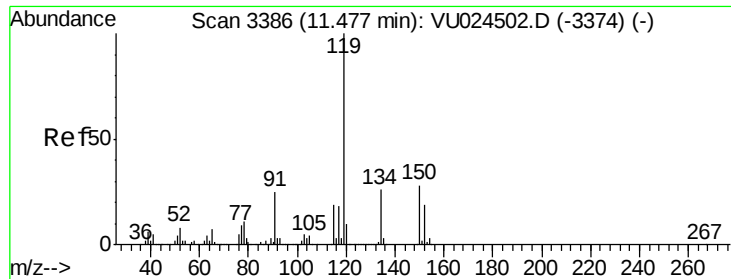
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#85
 sec-Butylbenzene
 Concen: 43.645 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VU024579.D
 Acq: 15 Jun 2018 07:08

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.7	9.7	29.1





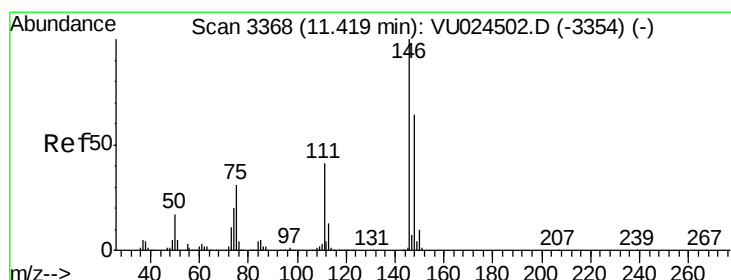
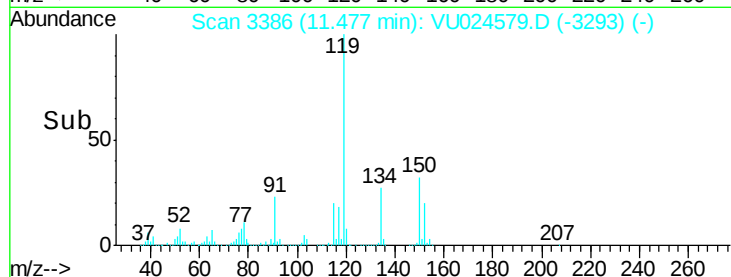
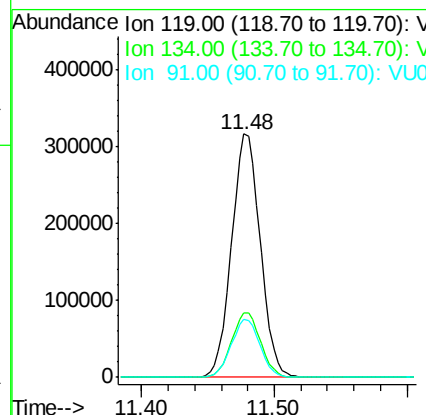
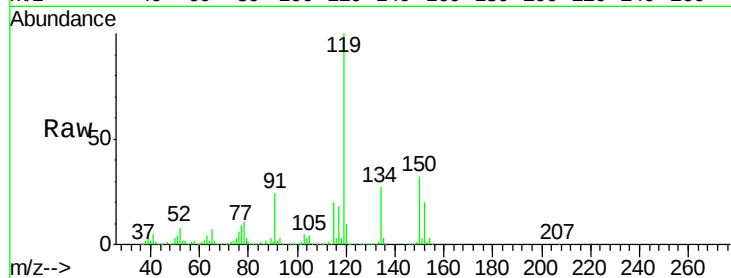
#86
 p-Isopropyltoluene
 Concen: 43.358 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU024579.D
 Acq: 15 Jun 2018 07:08

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.0	12.9	38.6
91	23.9	12.0	36.1

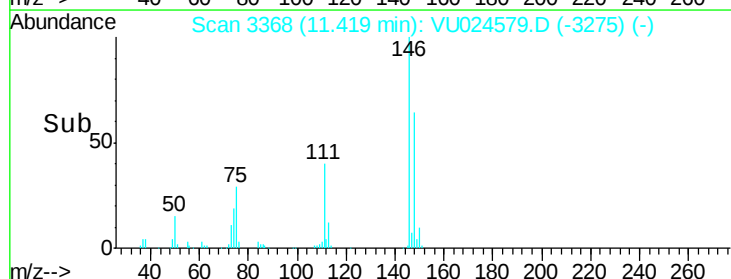
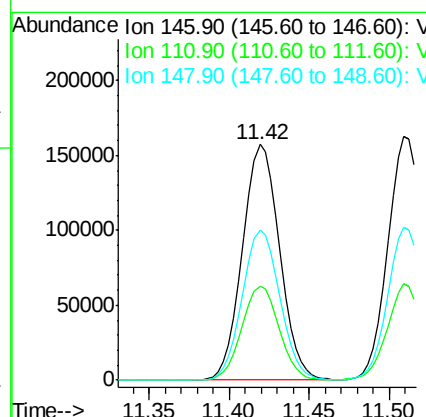
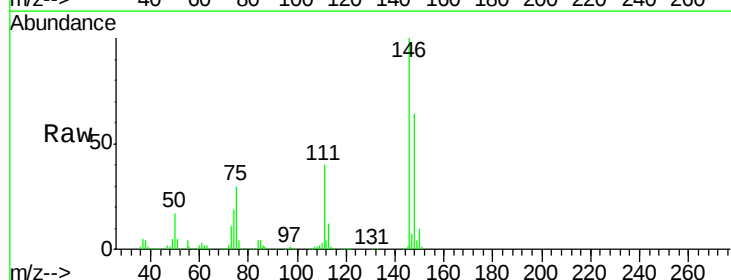
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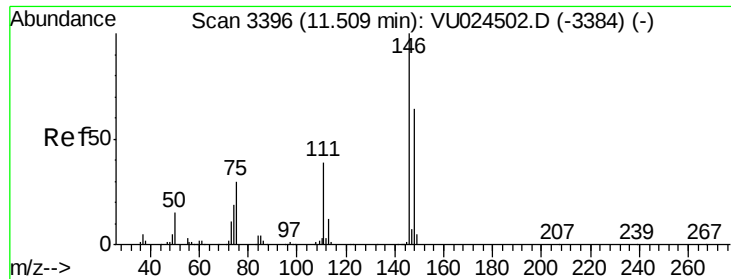
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#87
 1,3-Dichlorobenzene
 Concen: 45.586 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024579.D
 Acq: 15 Jun 2018 07:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	64.2	32.1	96.5





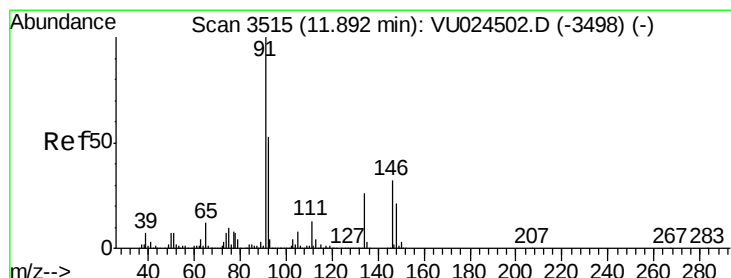
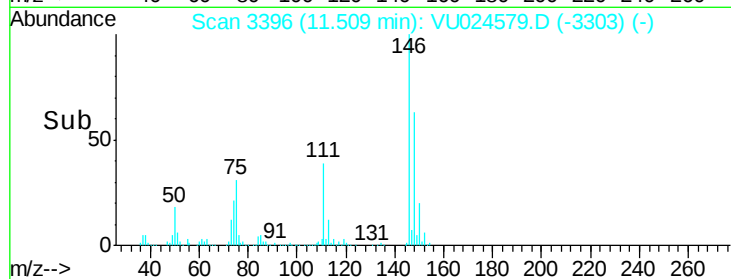
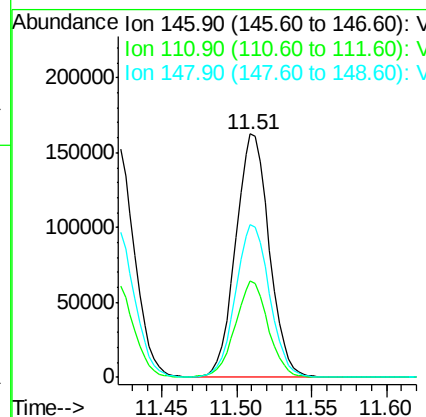
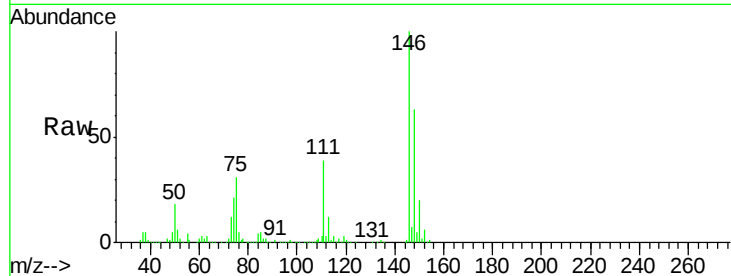
#88
 1,4-Dichlorobenzene
 Concen: 46.019 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024579.D
 Acq: 15 Jun 2018 07:08

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.5	58.5
148	63.9	32.4	97.0

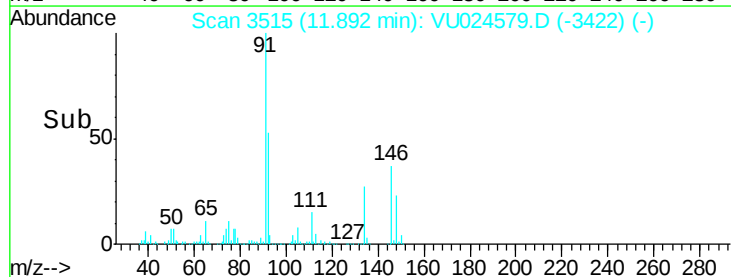
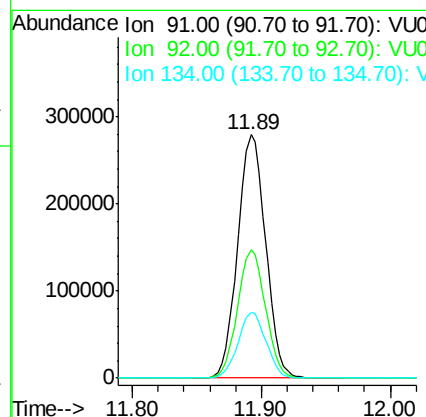
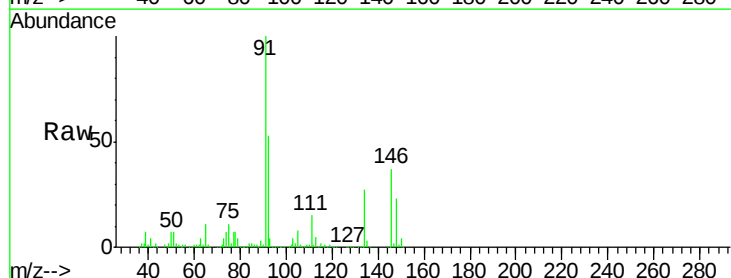
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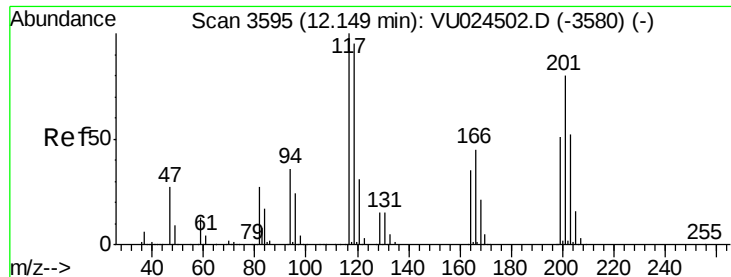
apatel
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#89
 n-Butylbenzene
 Concen: 43.441 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. -0.00 min
 Lab File: VU024579.D
 Acq: 15 Jun 2018 07:08

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	25.6	76.8
134	26.9	12.3	36.8





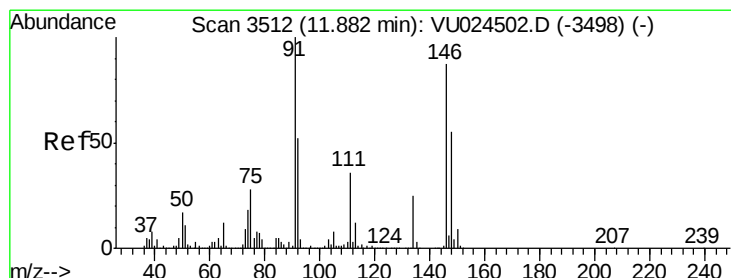
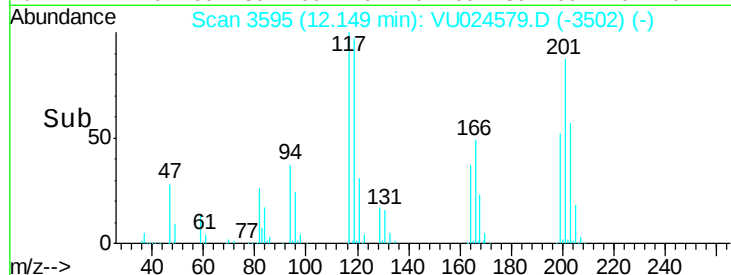
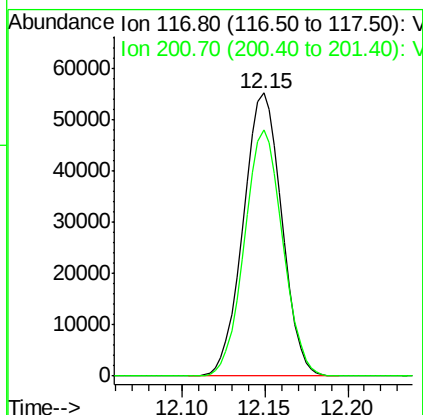
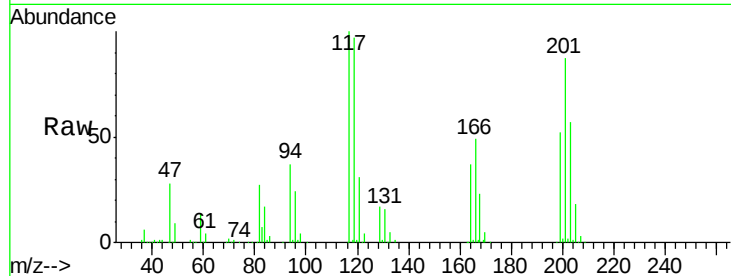
#90
Hexachloroethane
Concen: 42.029 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MS

Tot Ion:117 Resp: 89663
Ion Ratio Lower Upper
117 100
201 86.3 41.1 123.3

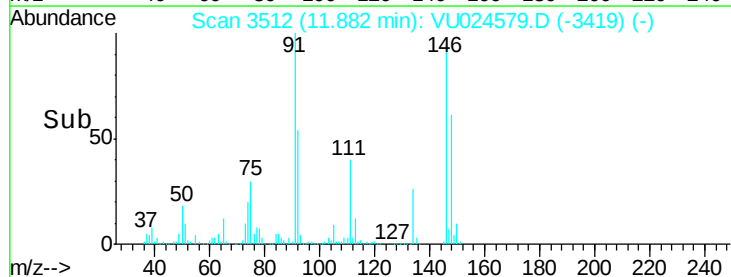
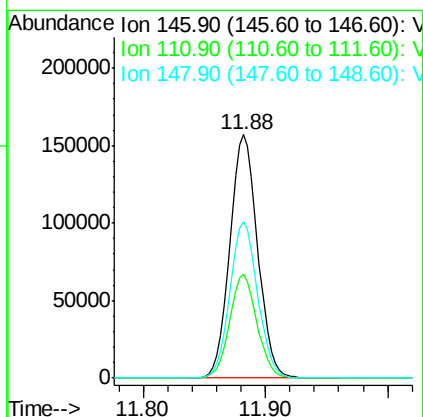
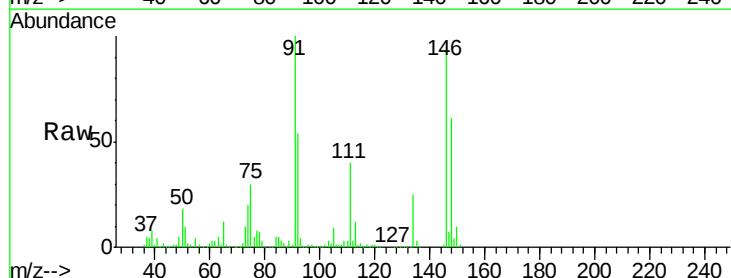
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#91
1,2-Dichlorobenzene
Concen: 45.476 ug/l
RT: 11.88 min Scan# 3512
Delta R.T. -0.00 min
Lab File: VU024579.D
Acq: 15 Jun 2018 07:08

Tgt Ion:146 Resp: 249268
Ion Ratio Lower Upper
146 100
111 42.0 20.5 61.6
148 64.1 31.9 95.7





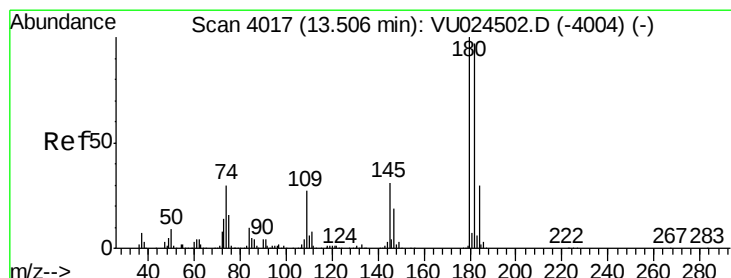
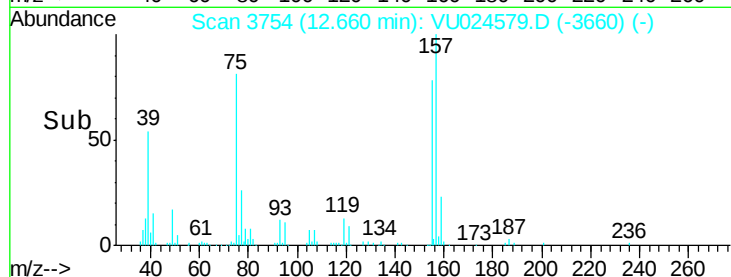
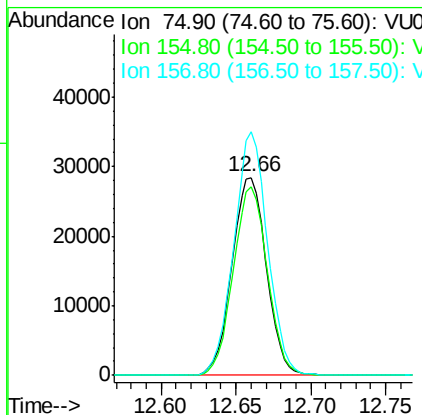
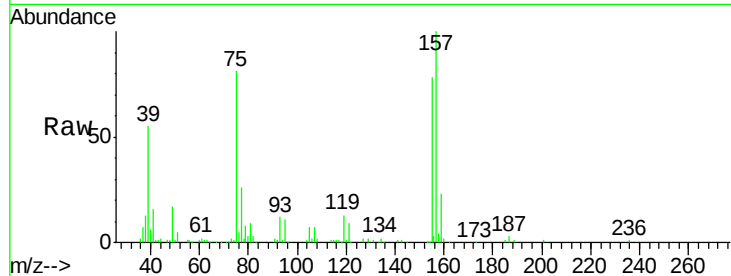
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.268 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024579.D
 Acq: 15 Jun 2018 07:08

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	94.5	40.4	121.2
157	120.3	52.3	156.8

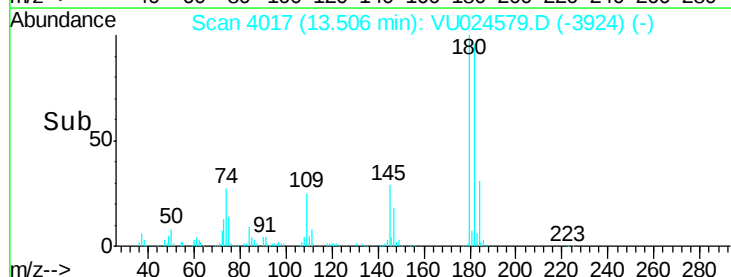
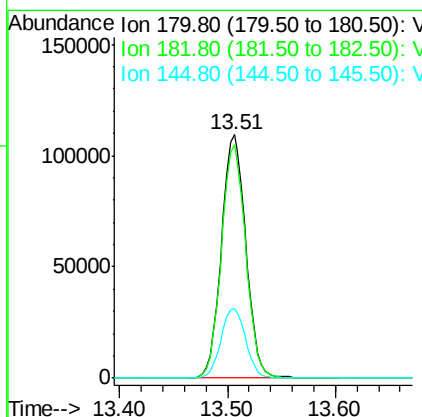
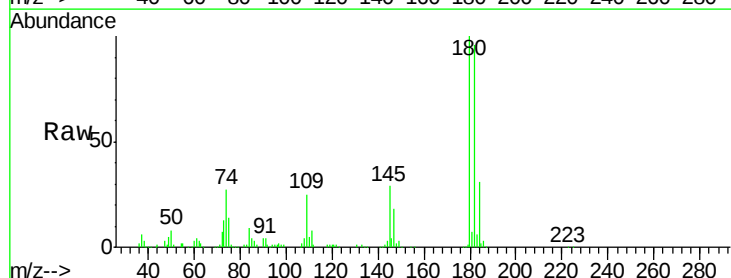
Manual Integrations
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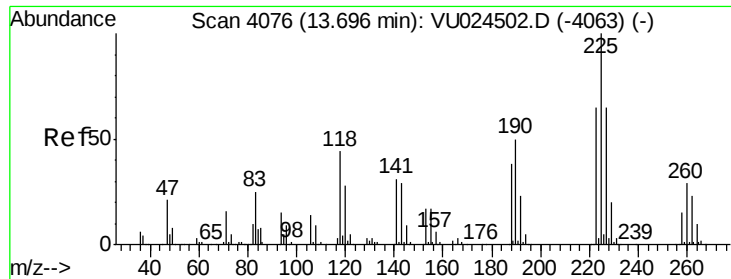
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#93
 1,2,4-Trichlorobenzene
 Concen: 50.833 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024579.D
 Acq: 15 Jun 2018 07:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.0	144.2
145	28.9	14.7	44.1





#94

Hexachlorobutadiene

Concen: 42.025 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. -0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Instrument :

MSVOA_U

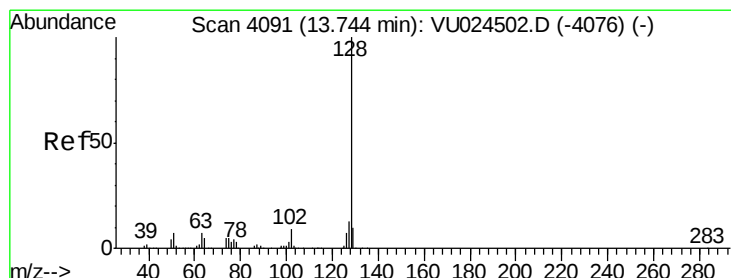
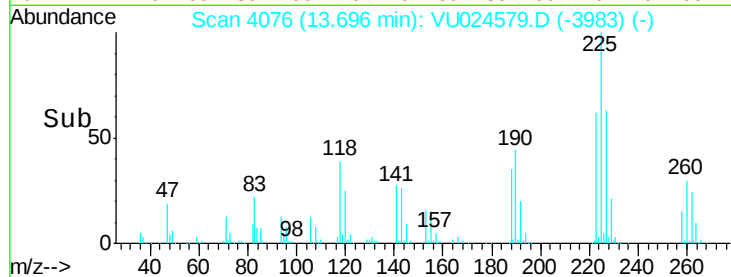
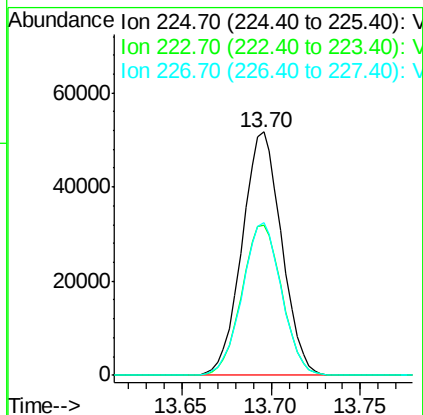
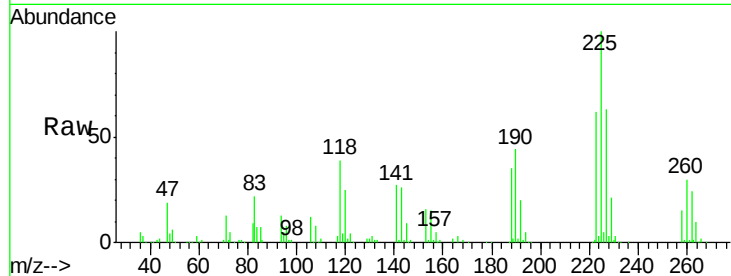
ClientSampleId :

SS050MW047-180610MS

Tot Ion:	225	Resp:	80065
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.3	93.8
227	62.5	31.8	95.4

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#95

Naphthalene

Concen: 47.147 ug/l

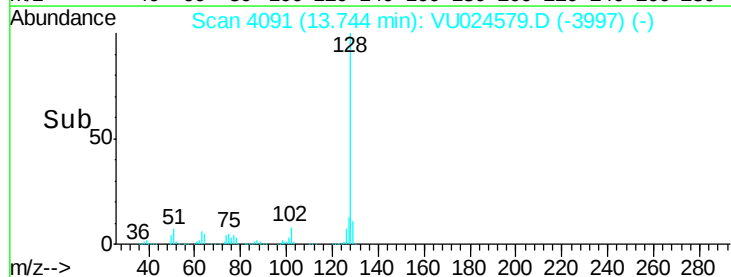
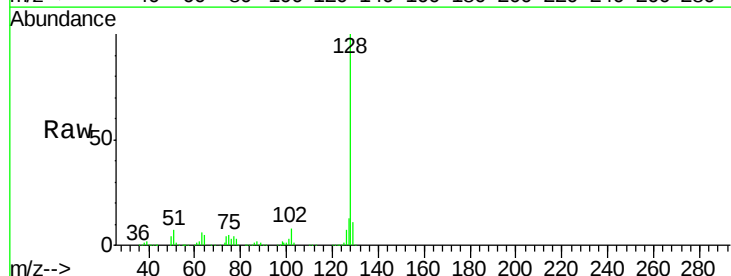
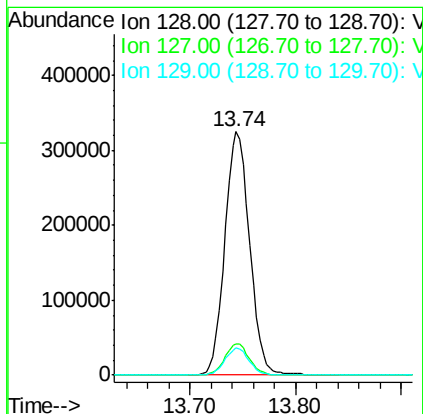
RT: 13.74 min Scan# 4091

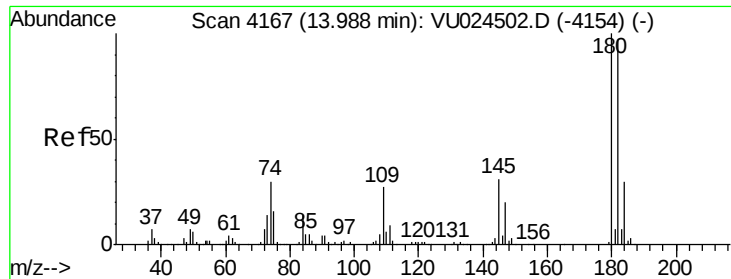
Delta R.T. 0.00 min

Lab File: VU024579.D

Acq: 15 Jun 2018 07:08

Tgt Ion:	128	Resp:	527871
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	10.7	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 51.812 ug/l
 RT: 13.99 min Scan# 4167
 Delta R.T. -0.00 min
 Lab File: VU024579.D
 Acq: 15 Jun 2018 07:08

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MS

Tot Ion:	180	Resp:	174752
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.9	143.7
145	30.9	15.4	46.1

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