

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070718\
 Data File : VU025260.D
 Acq On : 06 Jul 2018 23:20
 Operator : MD/SY
 Sample : J3808-08MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MS

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 12:58:02 PM

Quant Time: Jul 07 01:03:52 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	158262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	243083	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	234051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	144295	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	138025	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	
35) Dibromofluoromethane	4.89	113	109902	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
50) Toluene-d8	7.57	98	367183	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	10.31	95	151537	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81105	40.943	ug/l	100
3) Chloromethane	1.33	50	88256	43.609	ug/l	97
4) Vinyl Chloride	1.40	62	99136	47.499	ug/l	97
5) Bromomethane	1.61	94	55042	54.553	ug/l	100
6) Chloroethane	1.69	64	63323	54.388	ug/l	97
7) Trichlorofluoromethane	1.88	101	151237	47.482	ug/l	100
8) Diethyl Ether	2.10	74	58610	54.230	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	89838	45.463	ug/l	98
10) Methyl Iodide	2.41	142	110251	64.242	ug/l	98
11) Tert butyl alcohol	2.82	59	157713	250.988	ug/l	100
12) 1,1-Dichloroethene	2.28	96	83432	46.298	ug/l	96
13) Acrolein	2.19	56	83715	253.703	ug/l	97
14) Allyl chloride	2.59	41	147001	43.934	ug/l	100
15) Acrylonitrile	2.93	53	316695	259.041	ug/l	99
16) Acetone	2.32	43	303979	218.974	ug/l	98
17) Carbon Disulfide	2.48	76	219956	38.119	ug/l	99
18) Methyl Acetate	2.62	43	143668	48.275	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	350235	51.704	ug/l	97
20) Methylene Chloride	2.70	84	104511	47.981	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	92948	46.831	ug/l	97
22) Diisopropyl ether	3.57	45	335911	50.644	ug/l	98
23) Vinyl Acetate	3.53	43	1410157	237.336	ug/l	99
24) 1,1-Dichloroethane	3.45	63	189461	49.654	ug/l	99
25) 2-Butanone	4.26	43	470358	252.248	ug/l	98
26) 2,2-Dichloropropane	4.23	77	141545	39.067	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	134152	58.792	ug/l	97
28) Bromochloromethane	4.55	49	99915	59.450	ug/l	85
29) Tetrahydrofuran	4.63	42	298447	258.457	ug/l	97
30) Chloroform	4.68	83	202703	52.486	ug/l	100
31) Cyclohexane	5.00	56	156223	45.945	ug/l	93
32) 1,1,1-Trichloroethane	4.92	97	178460	49.970	ug/l	97
36) 1,1-Dichloropropene	5.14	75	138373	48.443	ug/l	97
37) Ethyl Acetate	4.38	43	161923	52.010	ug/l	97
38) Carbon Tetrachloride	5.14	117	158854	50.573	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	160322	44.976	ug/l	95
40) Benzene	5.39	78	459776	56.489	ug/l	99
41) Methacrylonitrile	4.54	41	94955	56.569	ug/l	98
42) 1,2-Dichloroethane	5.41	62	175062	56.473	ug/l	99
43) Isopropyl Acetate	5.55	43	264023	49.062	ug/l	99
44) Trichloroethene	6.19	130	120969	52.223	ug/l	93
45) 1,2-Dichloropropane	6.44	63	111867	51.510	ug/l	99
46) Dibromomethane	6.56	93	81803	53.625	ug/l	96
47) Bromodichloromethane	6.76	83	154556	50.881	ug/l	100
48) Methyl methacrylate	6.62	41	140162	53.488	ug/l	97
49) 1,4-Dioxane	6.62	88	65006	1268.505	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	899824	266.149	ug/l	99
52) Toluene	7.64	92	269717	51.507	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	160917	47.172	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	168490	46.353	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	115996	54.495	ug/l	97
56) Ethyl methacrylate	8.02	69	181034	50.814	ug/l	100
57) 1,3-Dichloropropane	8.25	76	190204	52.971	ug/l	99
59) 2-Hexanone	8.36	43	708735	256.771	ug/l	99
60) Dibromochloromethane	8.48	129	128949	48.581	ug/l	99
61) 1,2-Dibromoethane	8.59	107	123911	52.302	ug/l	99
64) Tetrachloroethene	8.23	164	102163	45.921	ug/l	98
65) Chlorobenzene	9.12	112	488474	81.696	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	117753	51.837	ug/l	97
67) Ethyl Benzene	9.25	91	523763	49.968	ug/l	98
68) m/p-Xylenes	9.38	106	411939	102.344	ug/l	97
69) o-Xylene	9.78	106	205839	51.674	ug/l	97
70) Styrene	9.80	104	333733	50.982	ug/l	99
71) Bromoform	9.96	173	99372	46.024	ug/l #	99
73) Isopropylbenzene	10.17	105	554141	50.020	ug/l	99
74) N-amyl acetate	10.01	43	228048	43.278	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	195360	52.624	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	164497m	51.780	ug/l	
77) Bromobenzene	10.45	156	143217	51.064	ug/l	93
78) n-propylbenzene	10.59	91	617716	47.334	ug/l	97
79) 2-Chlorotoluene	10.66	91	379089	49.258	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	475101	49.479	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	59744m	43.525	ug/l	
82) 4-Chlorotoluene	10.78	91	432409	48.274	ug/l	99
83) tert-Butylbenzene	11.10	119	491542	53.217	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	480751	49.129	ug/l	100
85) sec-Butylbenzene	11.33	105	597270	51.659	ug/l	94
86) p-Isopropyltoluene	11.48	119	493075	47.618	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	260619	50.297	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	265641	50.935	ug/l	99
89) n-Butylbenzene	11.89	91	393368	42.789	ug/l	97
90) Hexachloroethane	12.15	117	86928	43.034	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	325820	62.778	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	49900	48.713	ug/l	93
93) 1,2,4-Trichlorobenzene	13.51	180	160283	50.011	ug/l	99

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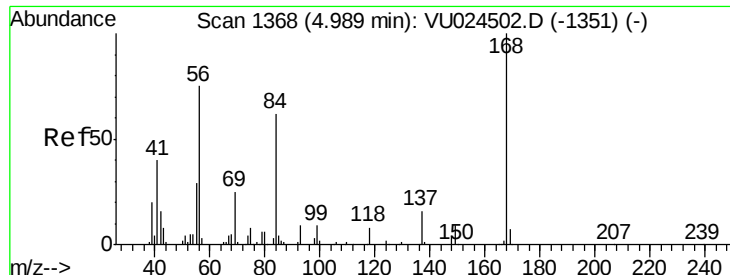
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	88666	49.152	ug/l	98
95) Naphthalene	13.74	128	539756	50.860	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	173250	54.250	ug/l	98

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



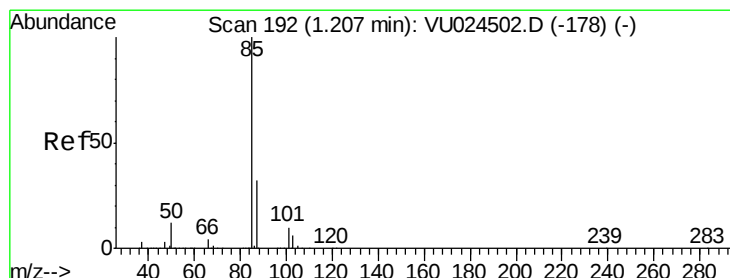
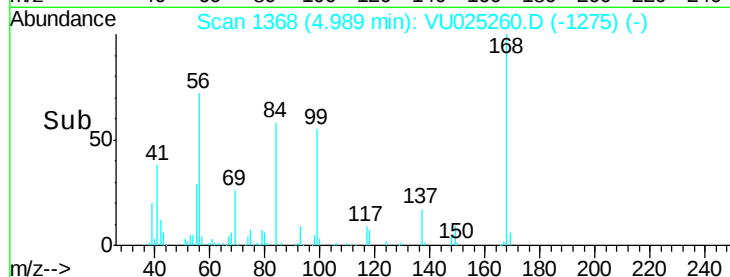
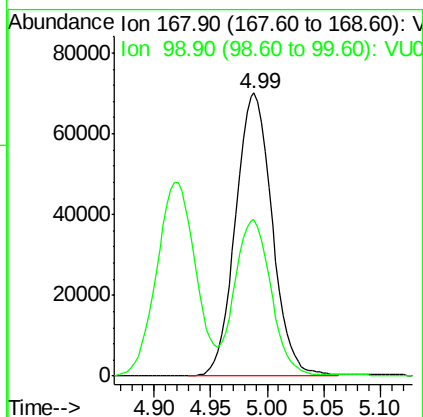
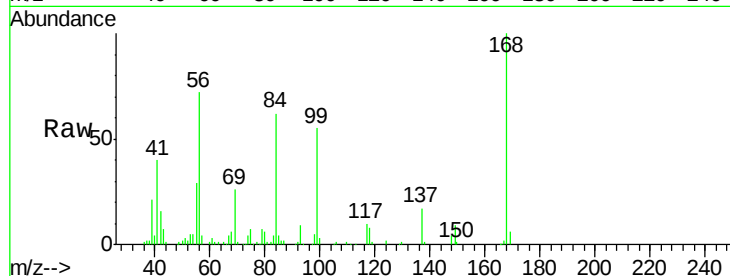
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MS

Tot Ion	Ratio	Lower	Upper
168	100		
99	54.6	43.2	64.8

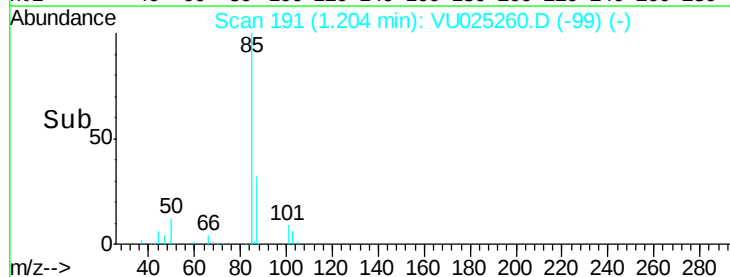
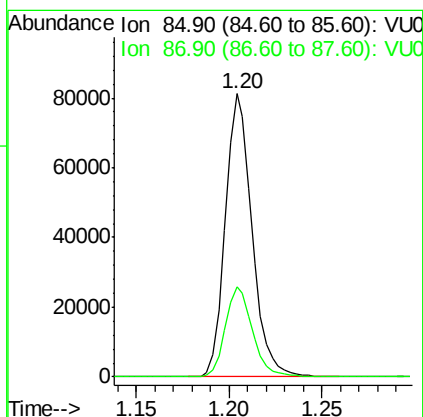
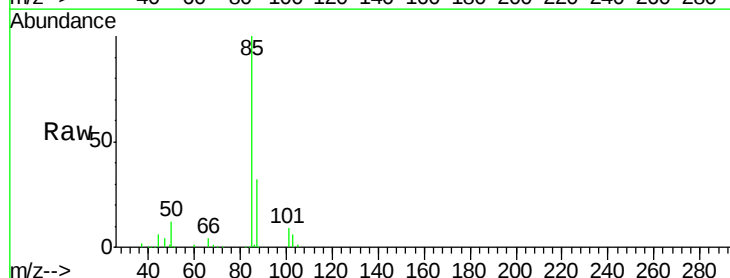
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#2
Dichlorodifluoromethane
Concen: 40.943 ug/l
RT: 1.20 min Scan# 191
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.1	48.2





#3

Chloromethane

Concen: 43.609 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628MS

Tot Ion: 50 Resp: 88256

Ion Ratio Lower Upper

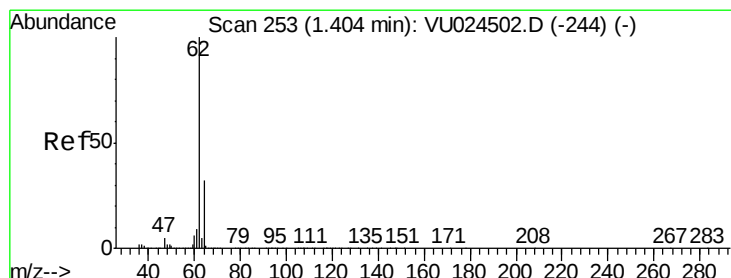
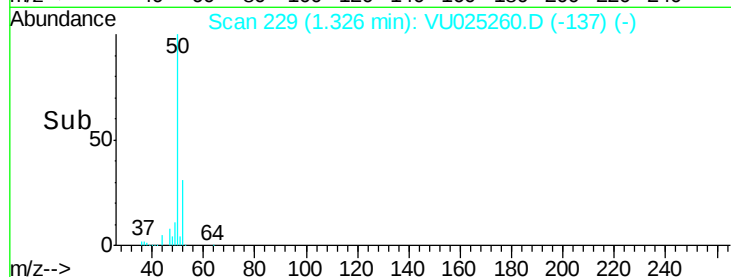
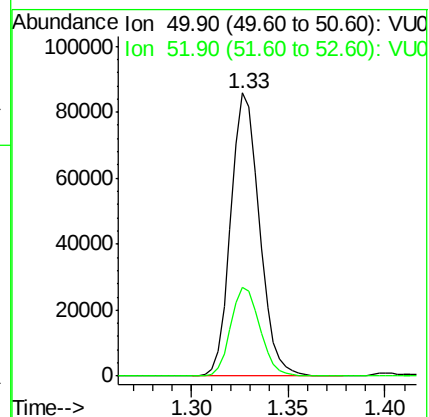
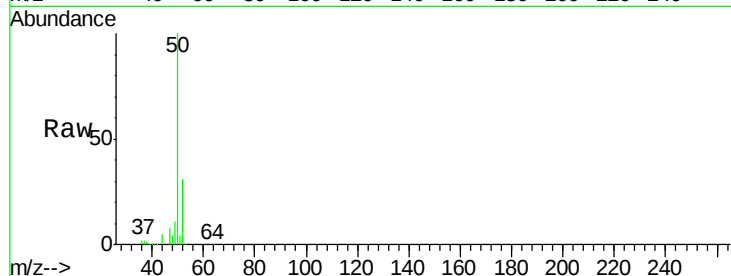
50 100

52 31.4 26.4 39.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 47.499 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025260.D

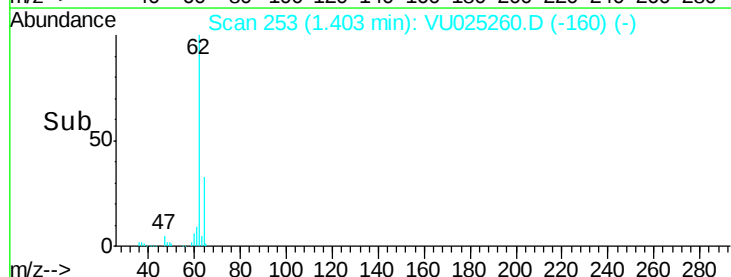
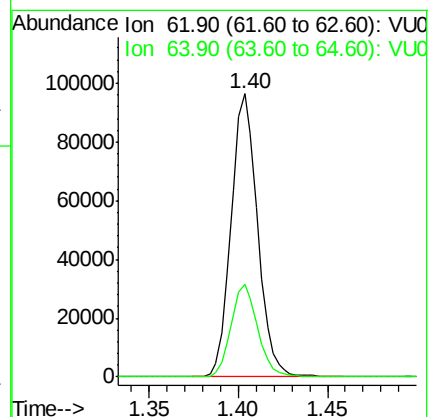
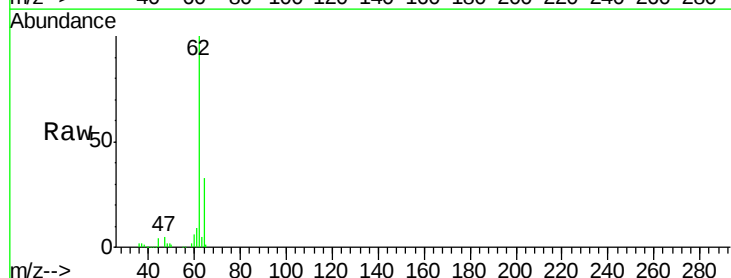
Acq: 06 Jul 2018 23:20

Tgt Ion: 62 Resp: 99136

Ion Ratio Lower Upper

62 100

64 32.4 24.8 37.2





#5

Bromomethane

Concen: 54.553 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628MS

Tot Ion: 94 Resp: 55042

Ion Ratio Lower Upper

94 100

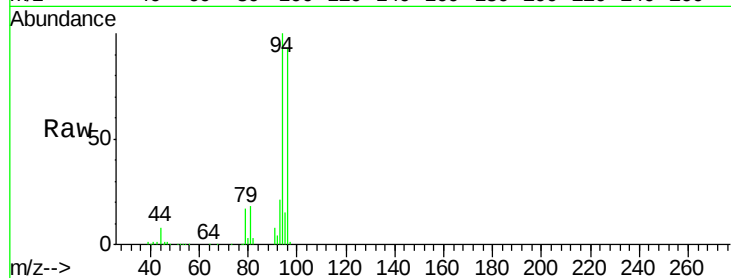
96 93.0 74.5 111.7

Manual Integrations

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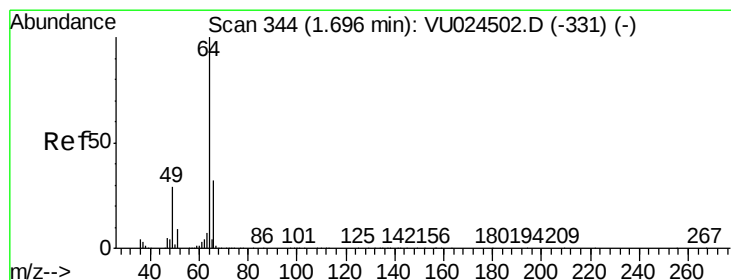
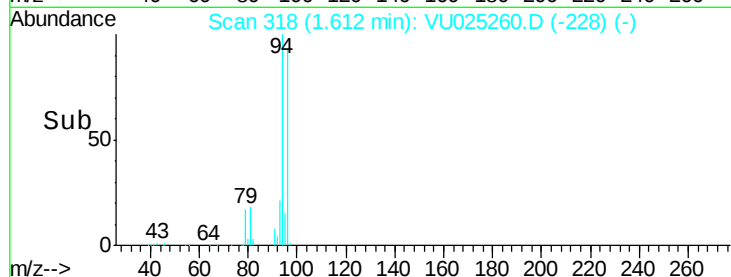
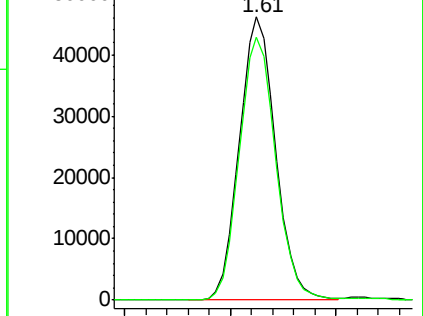
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 54.388 ug/l

RT: 1.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU025260.D

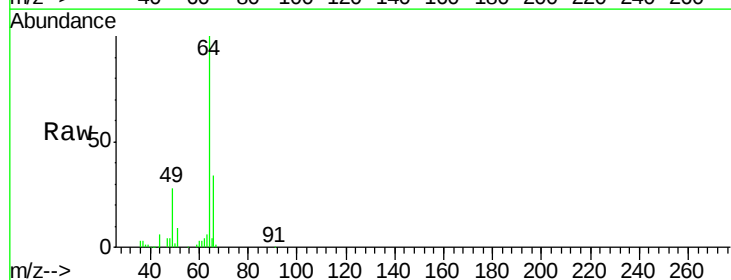
Acq: 06 Jul 2018 23:20

Tgt Ion: 64 Resp: 63323

Ion Ratio Lower Upper

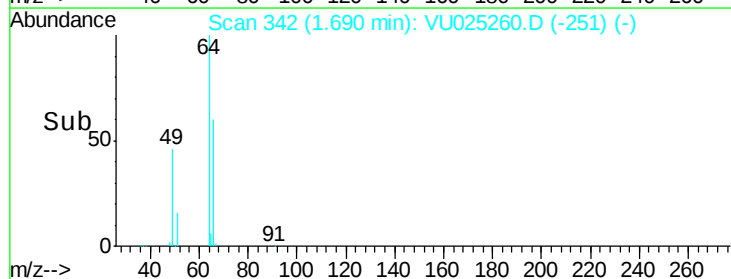
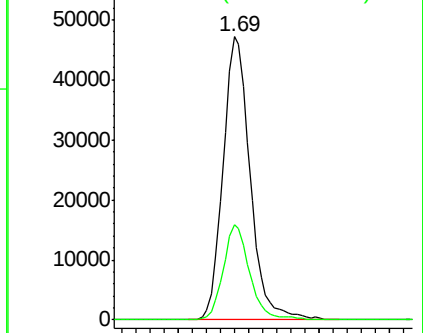
64 100

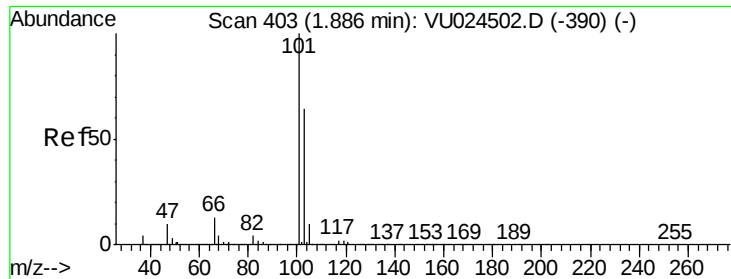
66 33.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

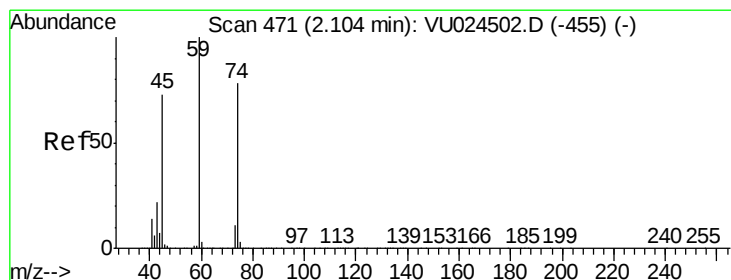
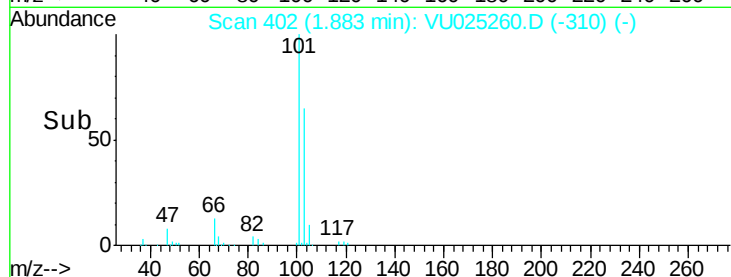
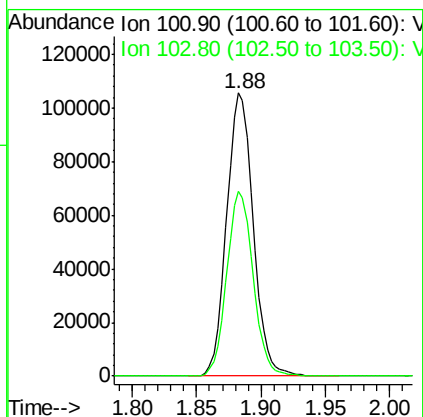
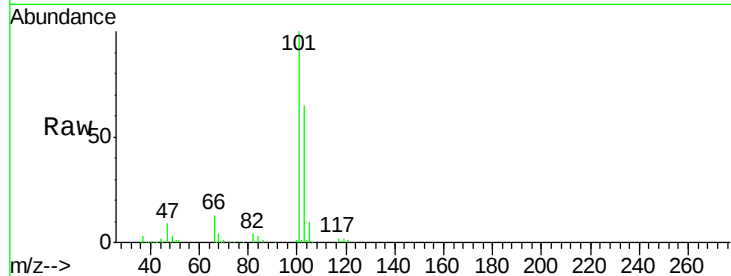
Trichlorofluoromethane
 Concen: 47.482 ug/l
 RT: 1.88 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.3	78.5

Manual Integrations
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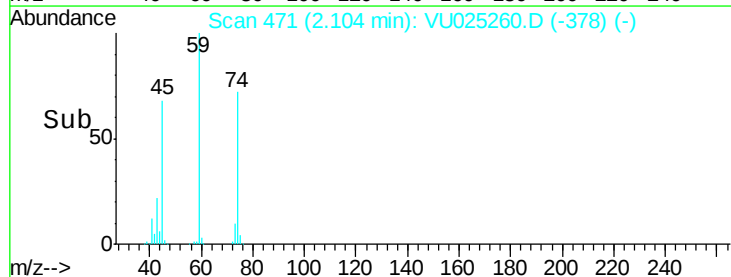
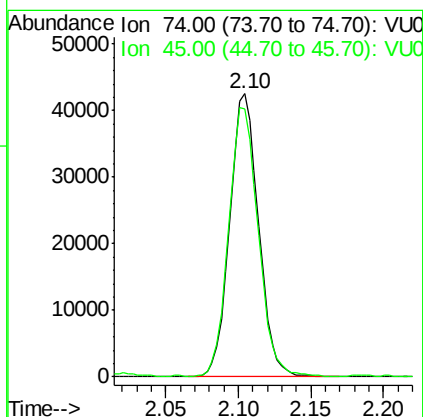
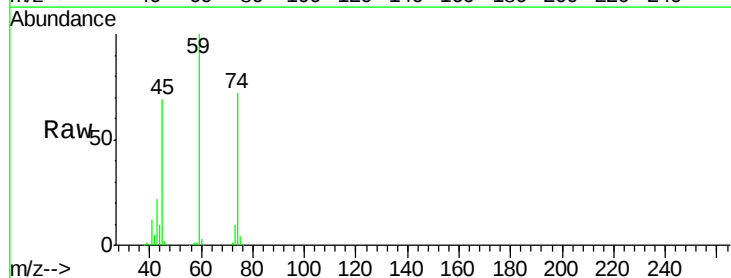
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#8

Diethyl Ether
 Concen: 54.230 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.1	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.463 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

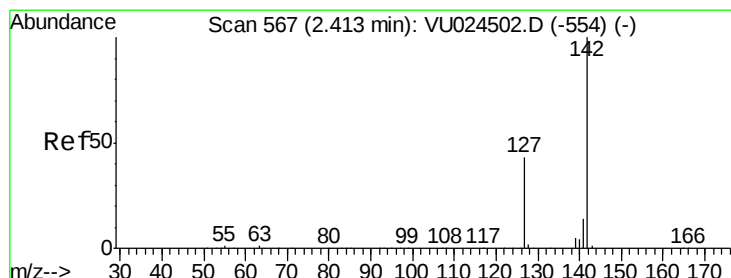
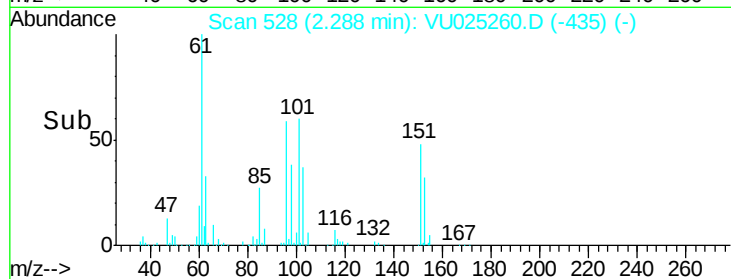
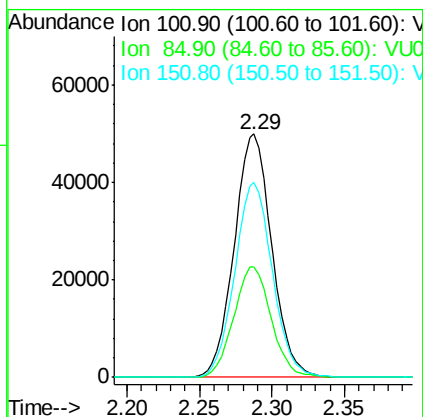
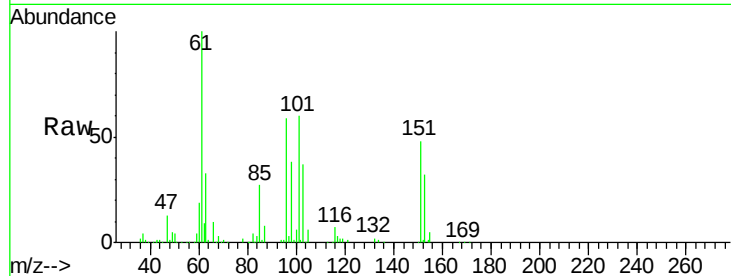
ClientSampleId :

WP021MW470-180628MS

Tot Ion:	101	Resp:	89838
Ion Ratio	Lower	Upper	
101	100		
85	45.1	36.0	54.0
151	80.4	62.3	93.5

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#10

Methyl Iodide

Concen: 64.242 ug/l

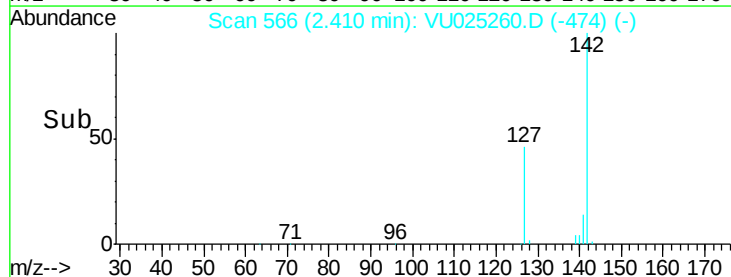
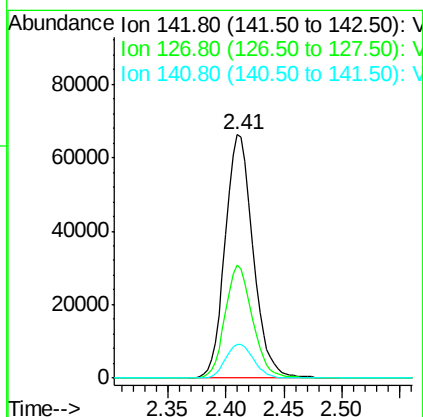
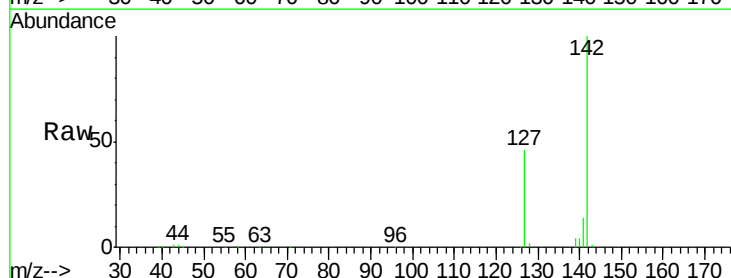
RT: 2.41 min Scan# 566

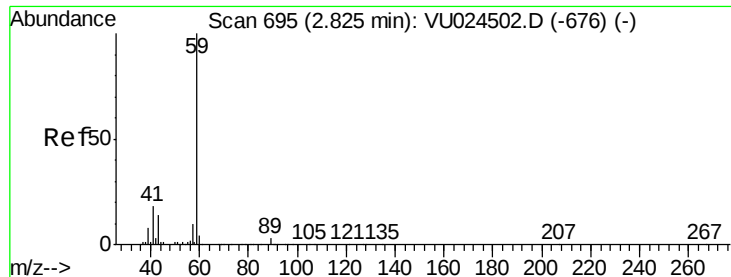
Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Tgt Ion:	142	Resp:	110251
Ion Ratio	Lower	Upper	
142	100		
127	45.6	35.6	53.4
141	14.1	11.7	17.5





#11

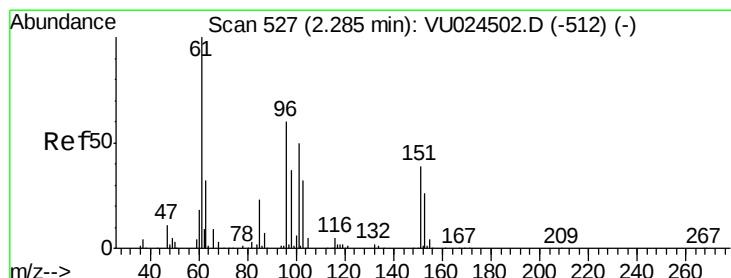
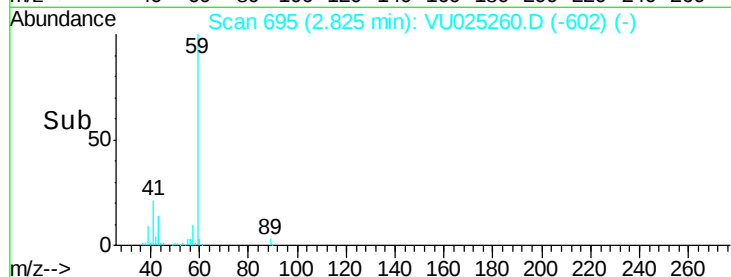
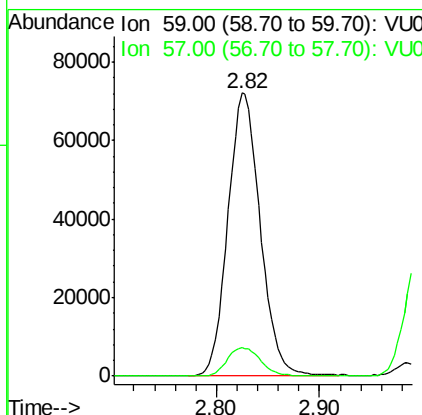
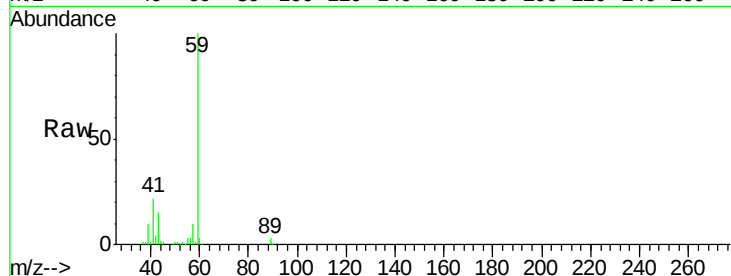
Tert butyl alcohol
 Concen: 250.988 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.5	12.7

Manual Integrations
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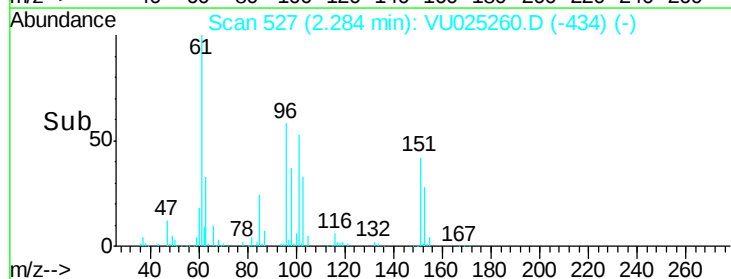
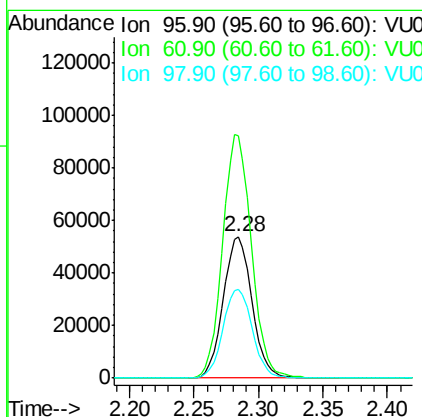
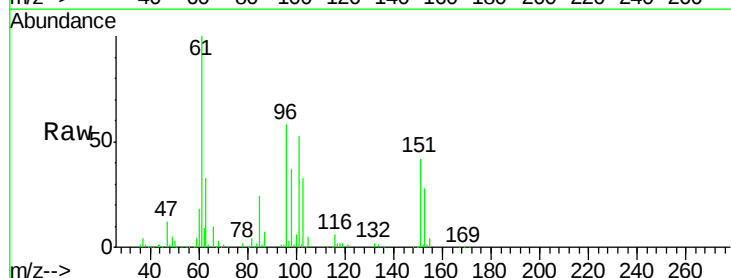
MMDadoda
 7/9/2018 12:58:02 PM



#12

1,1-Dichloroethene
 Concen: 46.298 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.3	141.7	212.5
98	62.9	51.6	77.4





#13

Acrolein

Concen: 253.703 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628MS

Tot Ion: 56 Resp: 83715

Ion Ratio Lower Upper

56 100

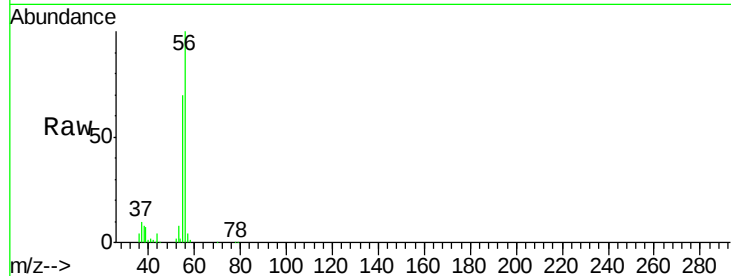
55 70.4 58.4 87.6

Manual Integrations

APPROVED

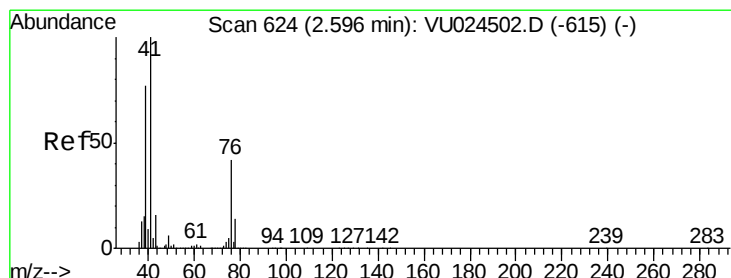
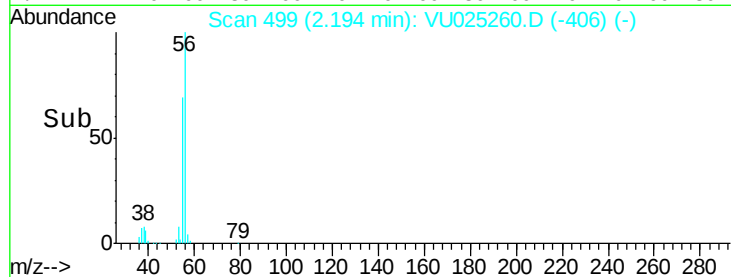
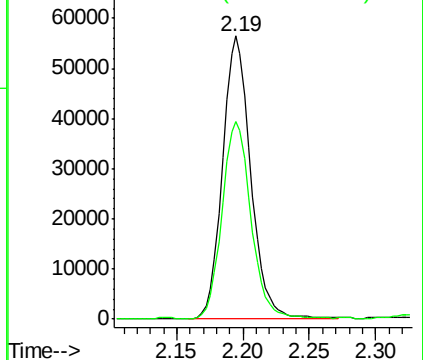
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Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 43.934 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

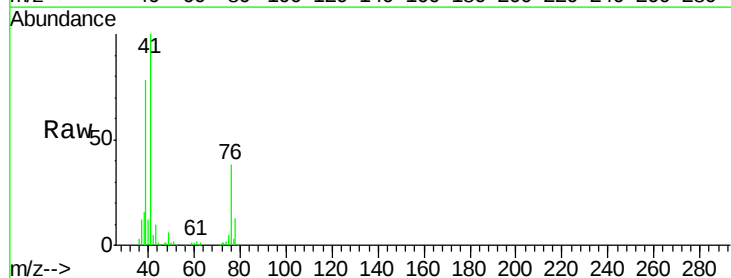
Tgt Ion: 41 Resp: 147001

Ion Ratio Lower Upper

41 100

39 77.1 61.6 92.4

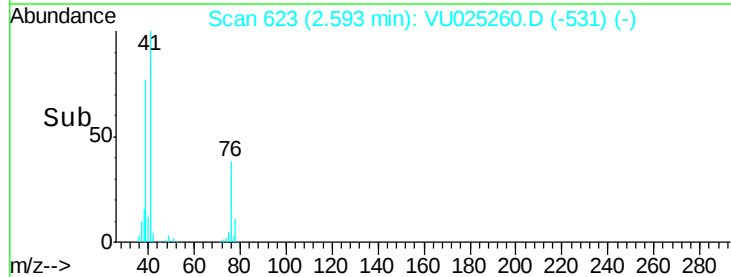
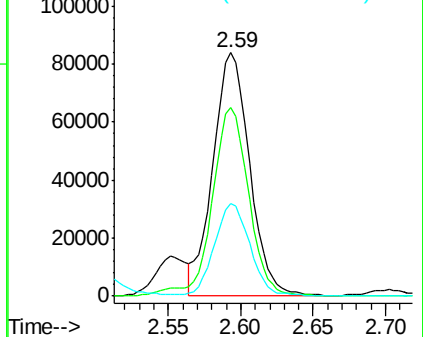
76 37.1 29.7 44.5

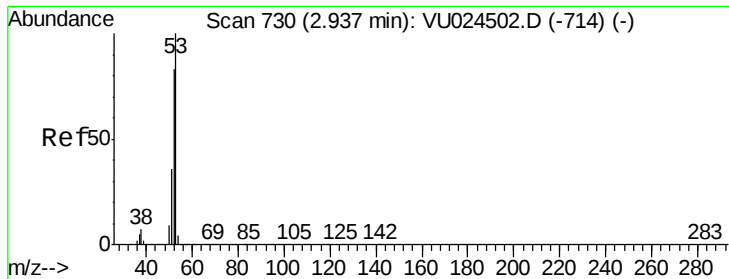


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 259.041 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

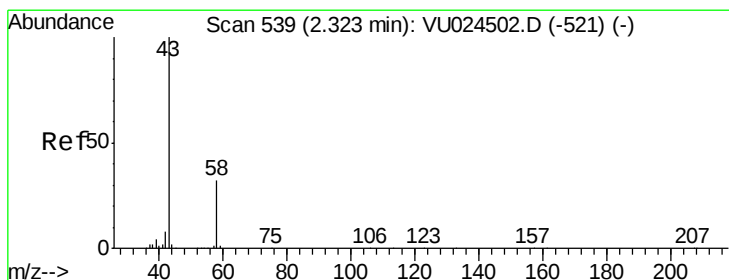
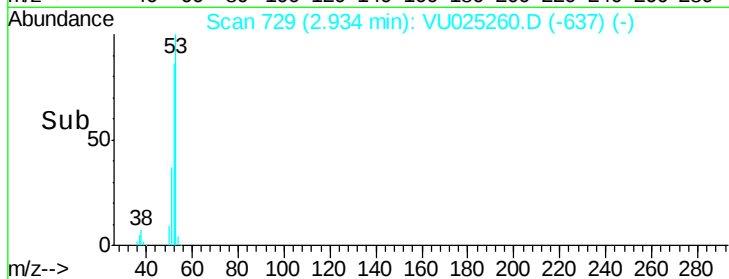
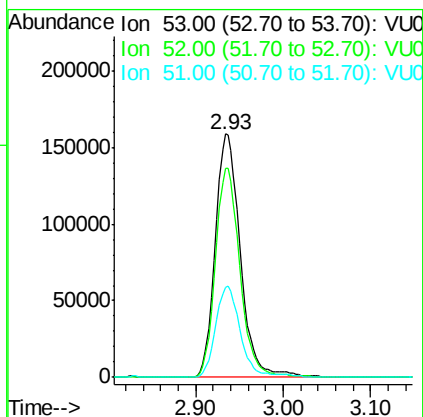
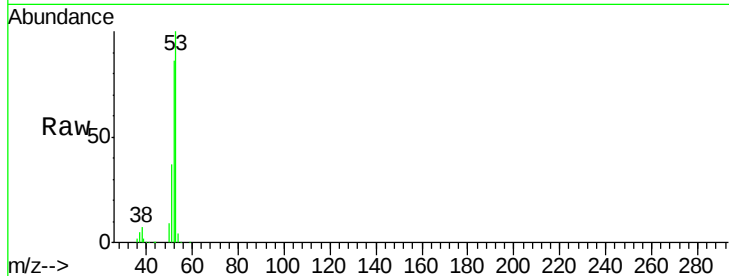
ClientSampleId :

WP021MW470-180628MS

Tot Ion:	53	Resp:	316695
Ion	Ratio	Lower	Upper
53	100		
52	84.4	67.1	100.7
51	37.7	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 218.974 ug/l

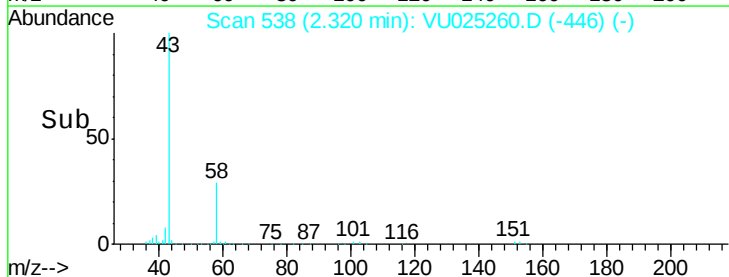
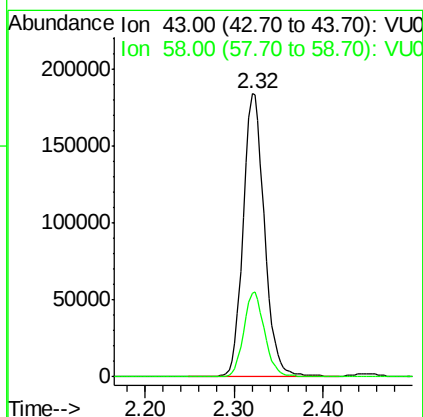
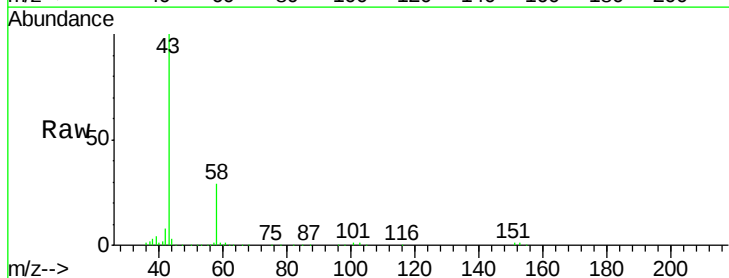
RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Tgt Ion:	43	Resp:	303979
Ion	Ratio	Lower	Upper
43	100		
58	29.3	24.4	36.6





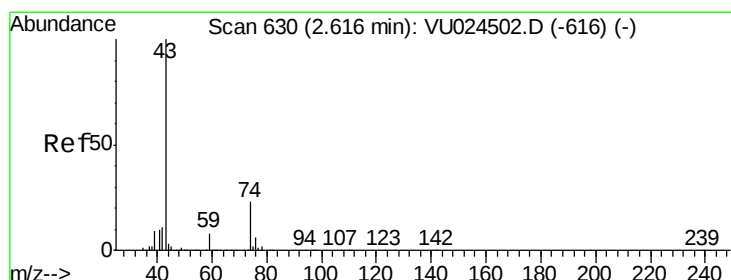
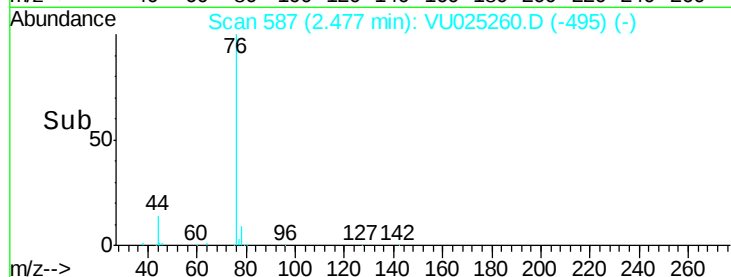
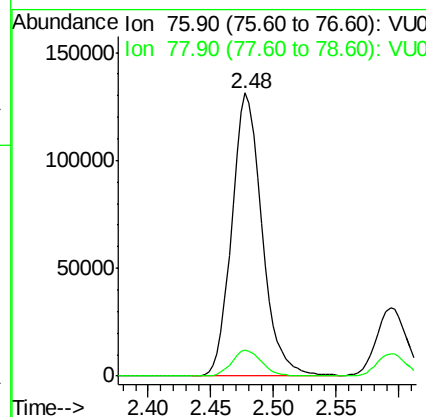
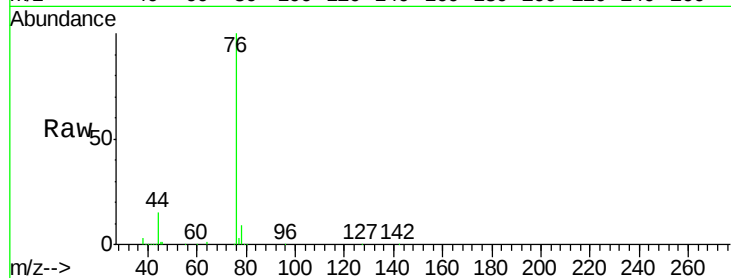
#17
Carbon Disulfide
Concen: 38.119 ug/l
RT: 2.48 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

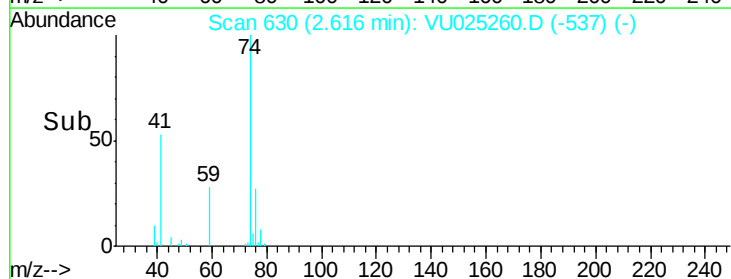
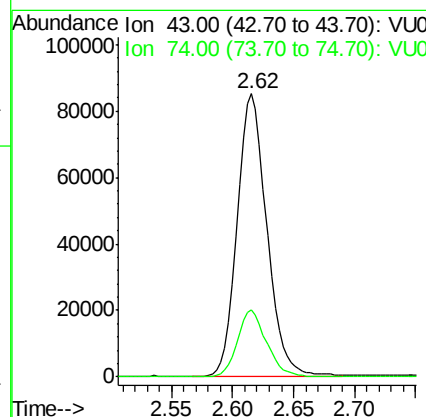
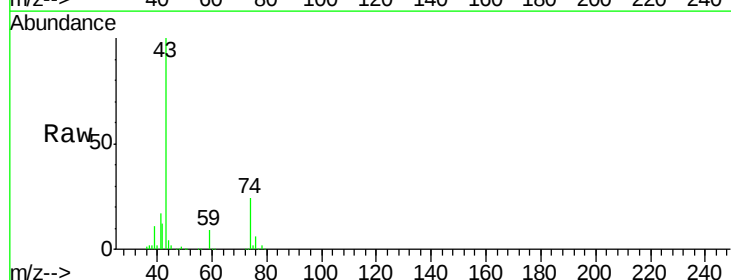
Manual Integrations
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#18
Methyl Acetate
Concen: 48.275 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	18.0	27.0





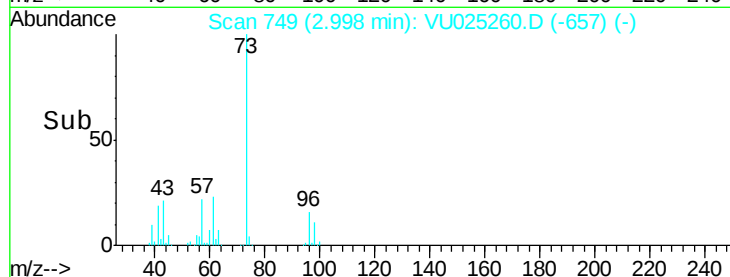
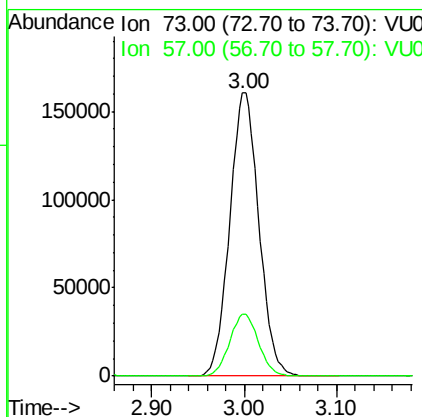
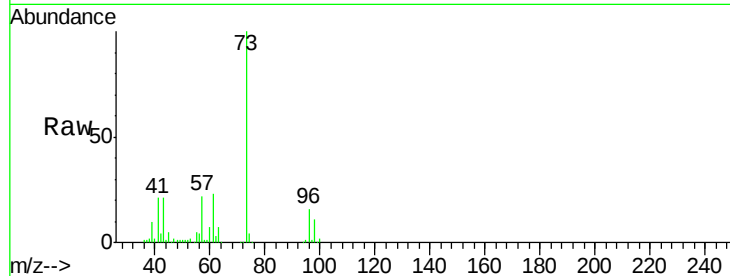
#19
Methyl tert-butyl Ether
Concen: 51.704 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.8	28.2

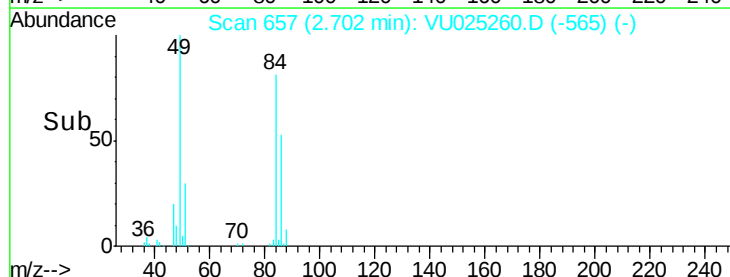
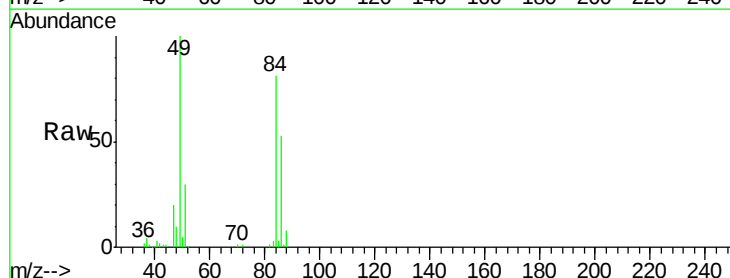
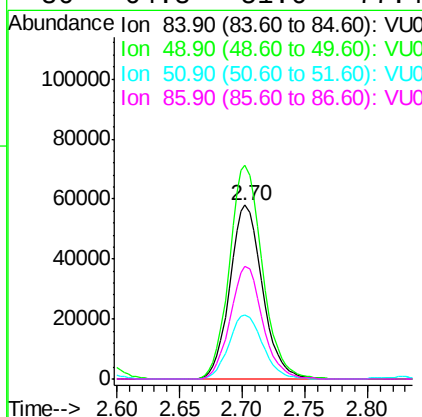
Manual Integrations
APPROVED

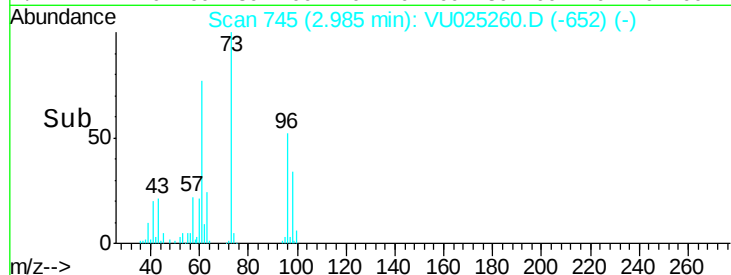
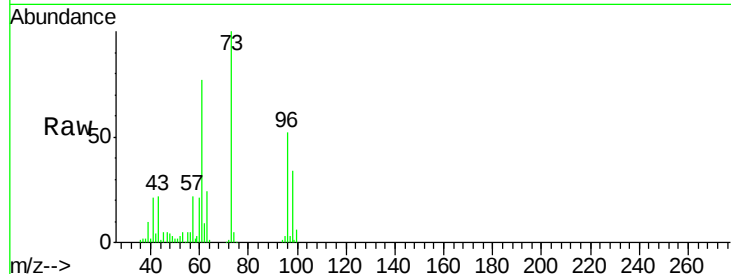
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#20
Methylene Chloride
Concen: 47.981 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.8	103.8	155.8
51	36.9	32.0	48.0
86	64.8	51.6	77.4





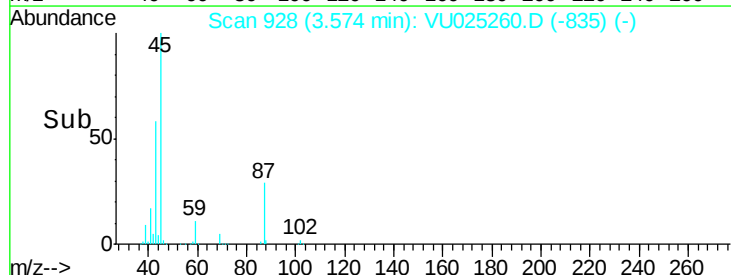
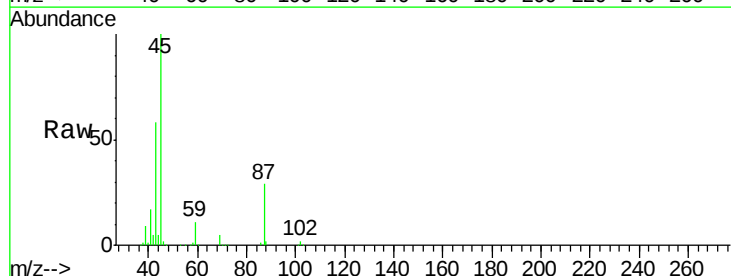
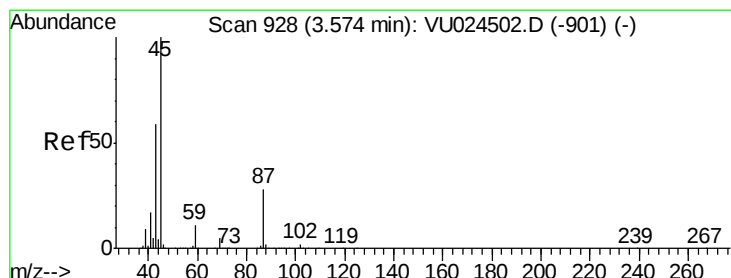
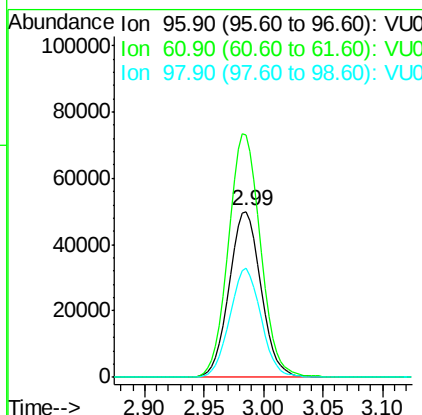
#21
trans-1,2-Dichloroethene
Concen: 46.831 ug/l
RT: 2.99 min Scan# 745
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.8	119.4	179.0
98	65.7	51.1	76.7

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MS

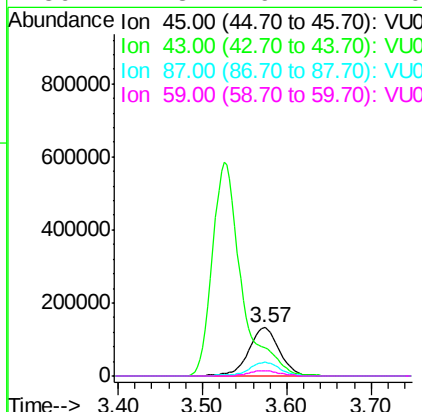
Manual Integrations
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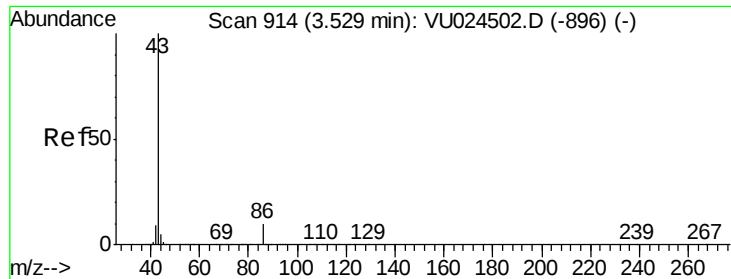
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#22
Diisopropyl ether
Concen: 50.644 ug/l
RT: 3.57 min Scan# 928
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.3	45.8	68.6
87	28.5	20.6	31.0
59	11.3	9.4	14.0





#23

Vinyl Acetate

Concen: 237.336 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628MS

Tot Ion: 43 Resp: 1410157

Ion Ratio Lower Upper

43 100

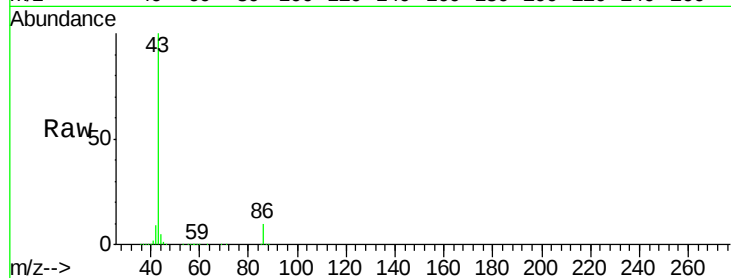
86 10.2 7.8 11.8

Manual Integrations

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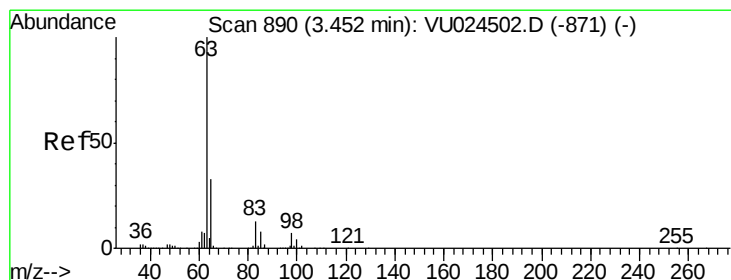
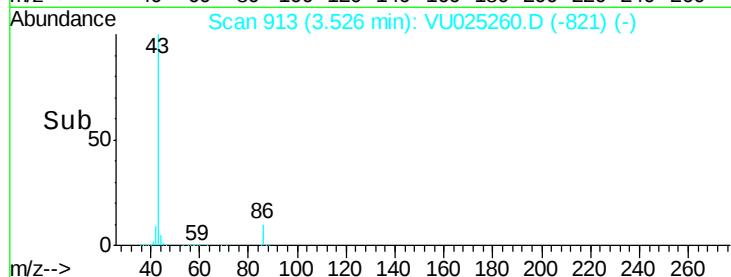
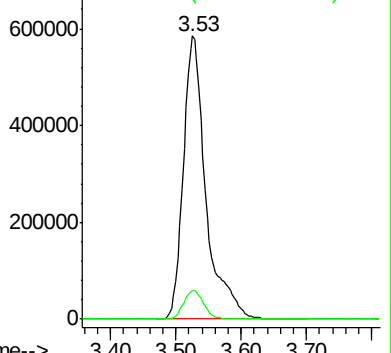
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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 49.654 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

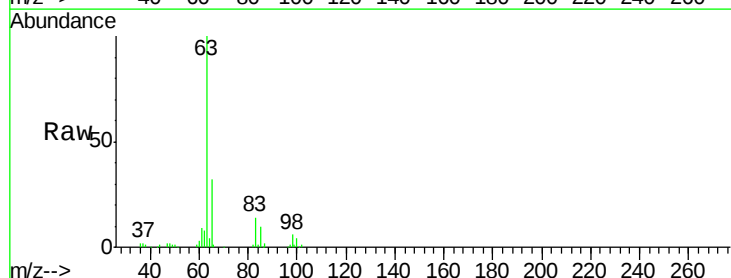
Tgt Ion: 63 Resp: 189461

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

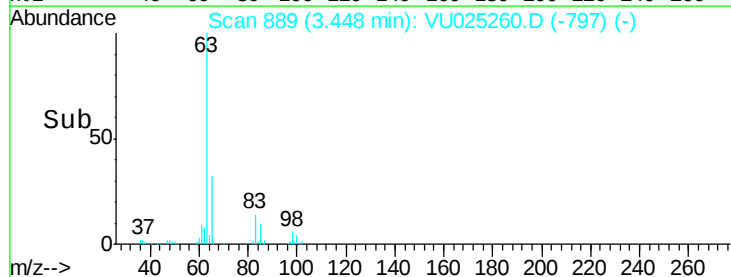
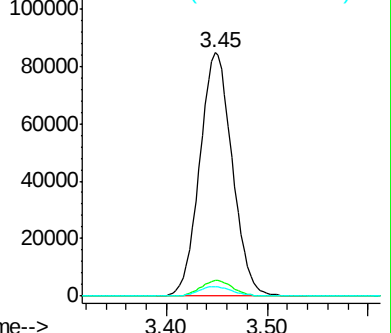
100 3.9 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 252.248 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Tot Ion: 43 Resp: 470358

Ion Ratio Lower Upper

43 100

72 25.5 19.6 29.4

Instrument :

MSVOA_U

ClientSampleId :

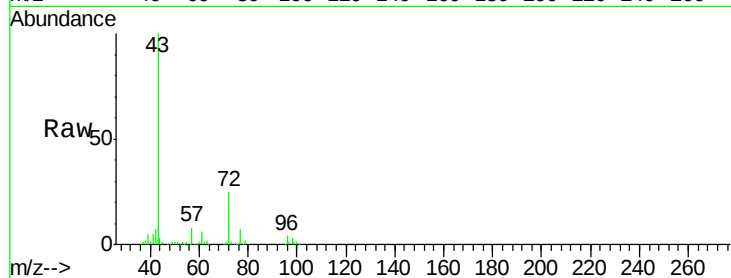
WP021MW470-180628MS

Manual Integrations

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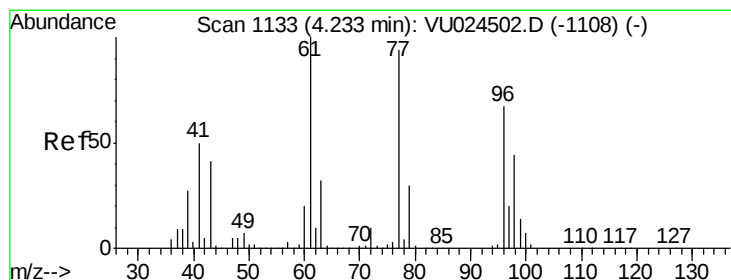
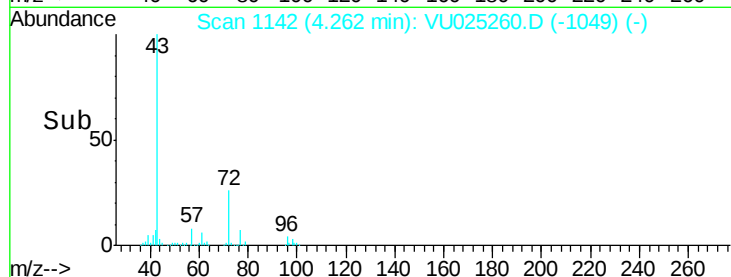
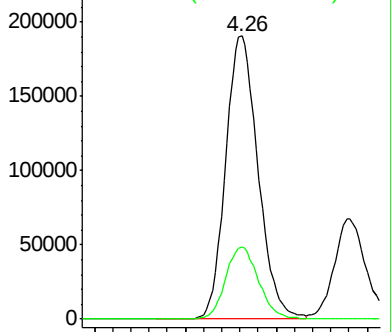
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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 39.067 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025260.D

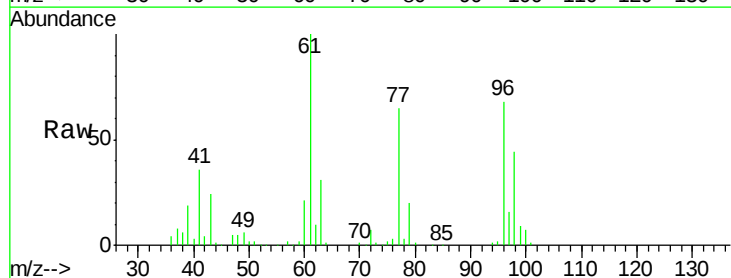
Acq: 06 Jul 2018 23:20

Tgt Ion: 77 Resp: 141545

Ion Ratio Lower Upper

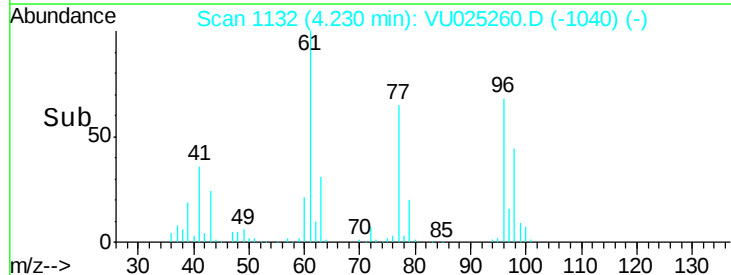
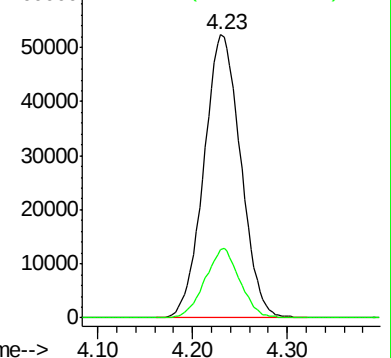
77 100

97 23.3 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0





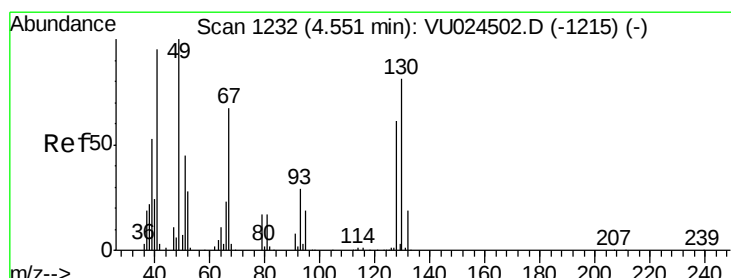
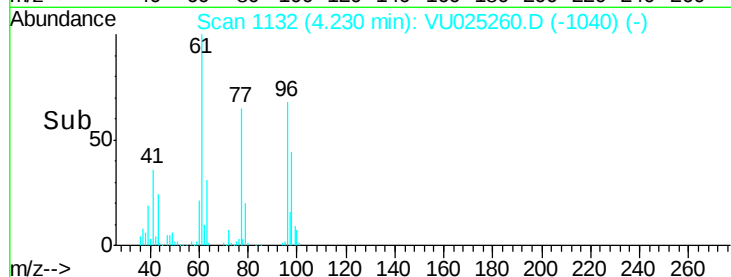
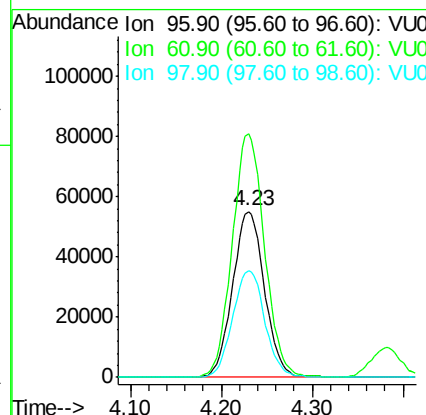
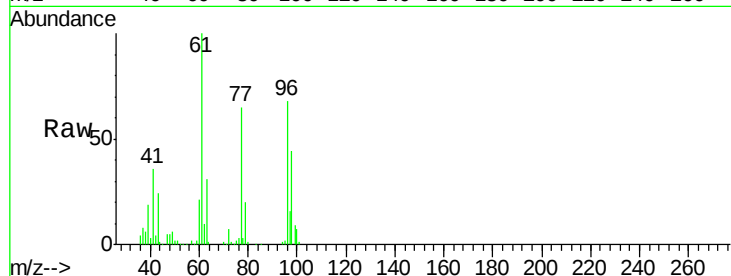
#27
 cis-1,2-Dichloroethene
 Concen: 58.792 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	306.6
98	65.0	0.0	128.8

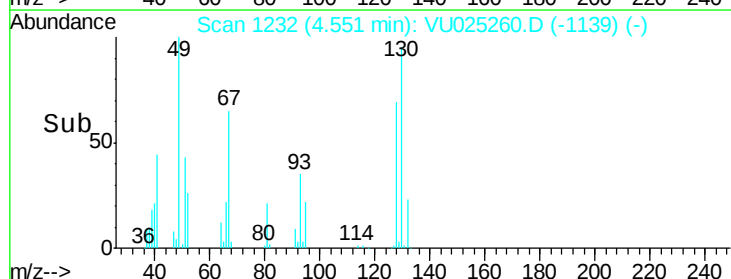
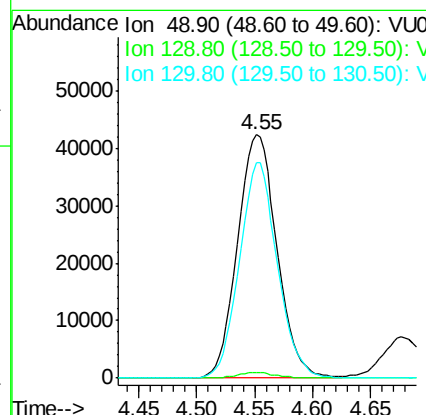
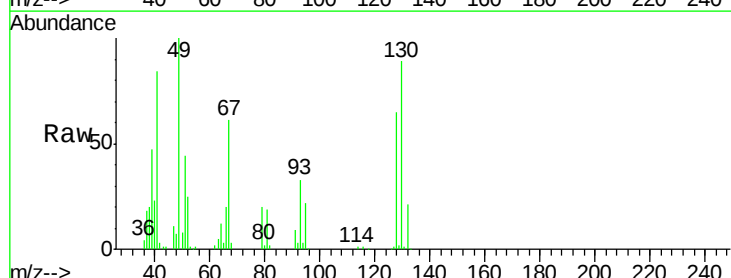
Manual Integrations
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#28
 Bromochloromethane
 Concen: 59.450 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	85.2	57.8	86.6





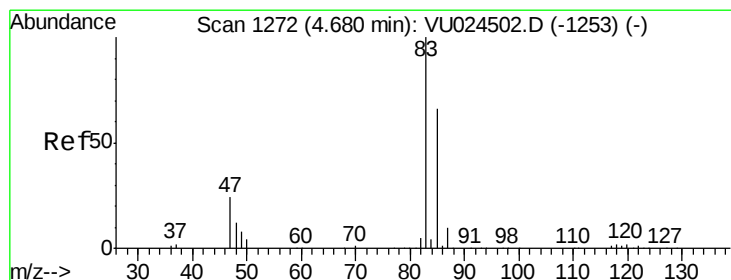
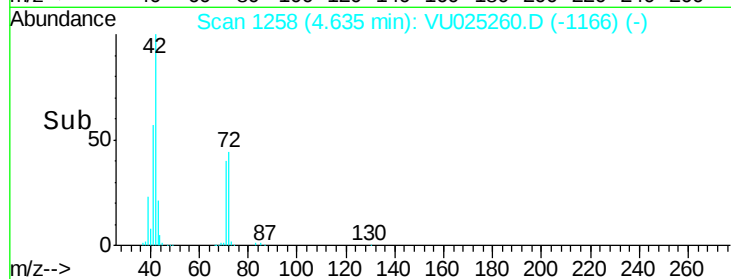
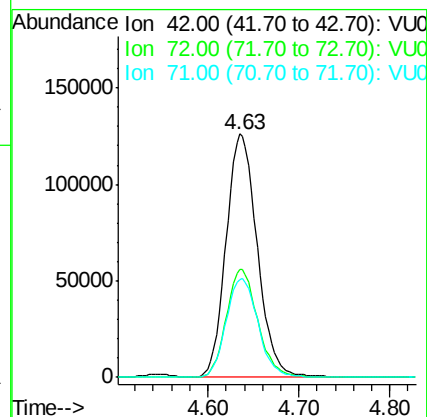
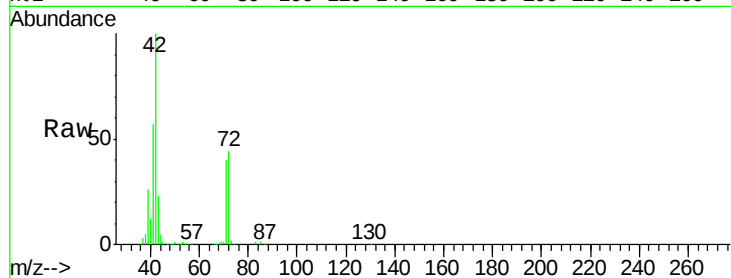
#29
Tetrahydrofuran
Concen: 258.457 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	34.5	51.7
71	41.8	32.2	48.4

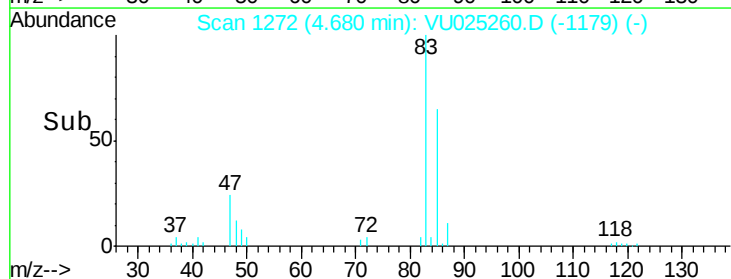
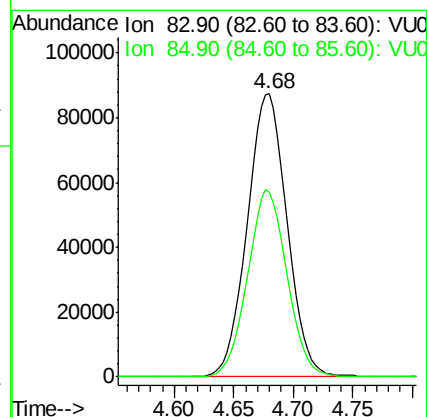
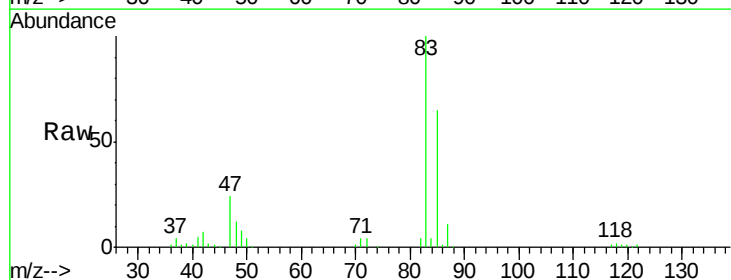
Manual Integrations
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#30
Chloroform
Concen: 52.486 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.4	78.6





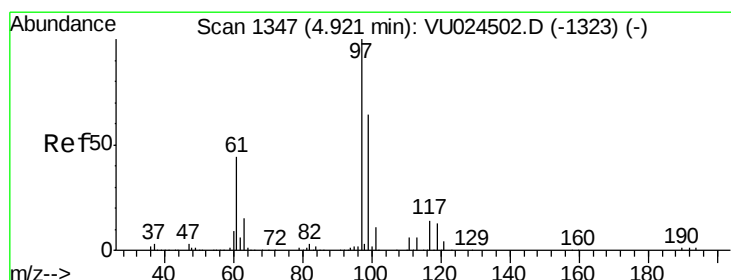
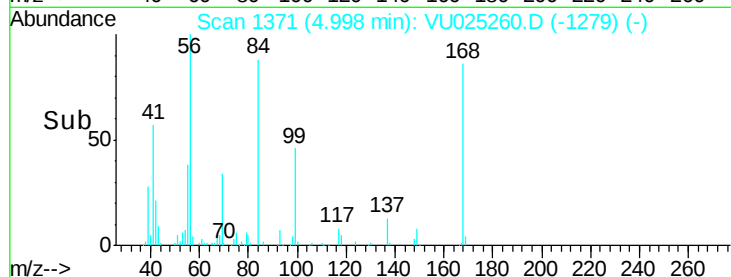
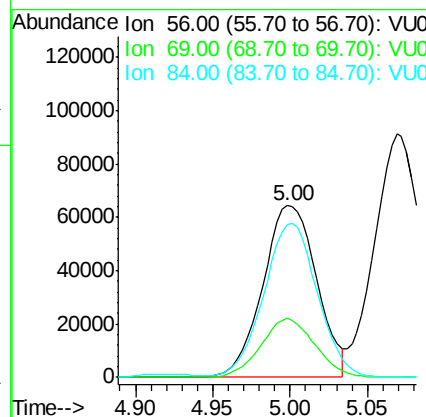
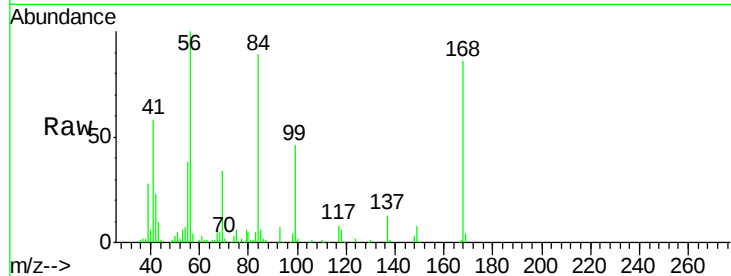
#31
Cyclohexane
Concen: 45.945 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.3	24.8	37.2
84	87.9	65.2	97.8

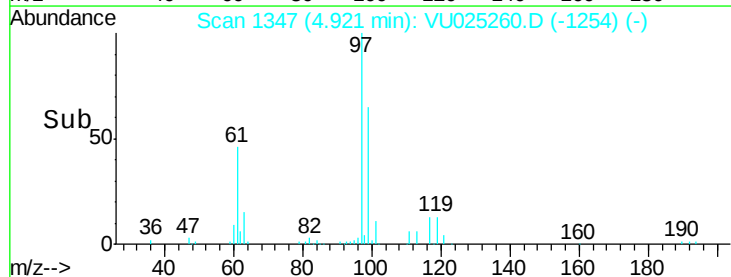
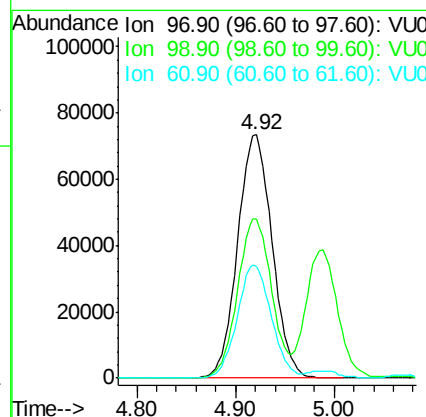
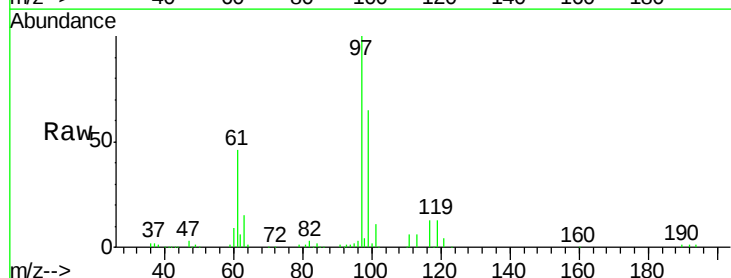
Manual Integrations
APPROVED

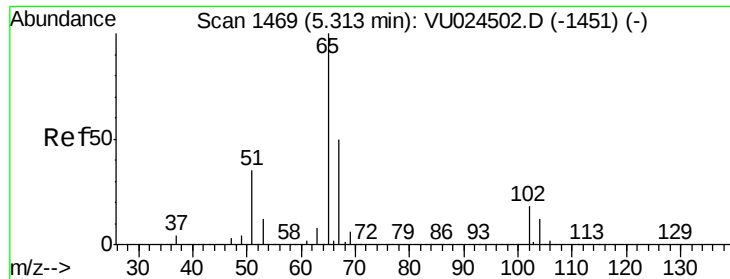
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#32
1,1,1-Trichloroethane
Concen: 49.970 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.0	76.6
61	45.9	39.4	59.0





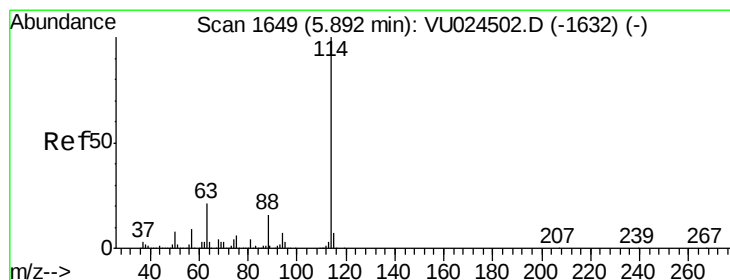
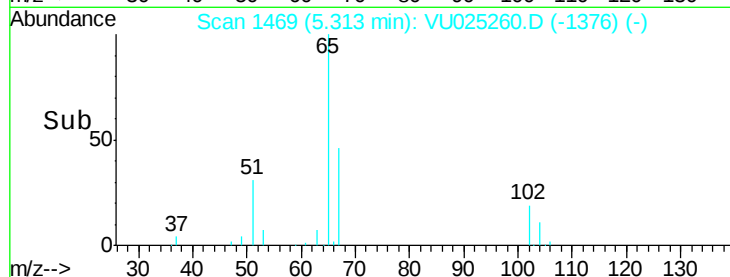
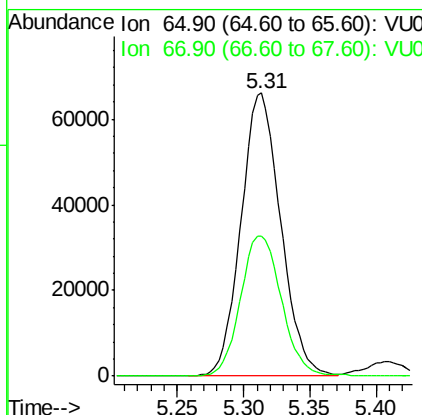
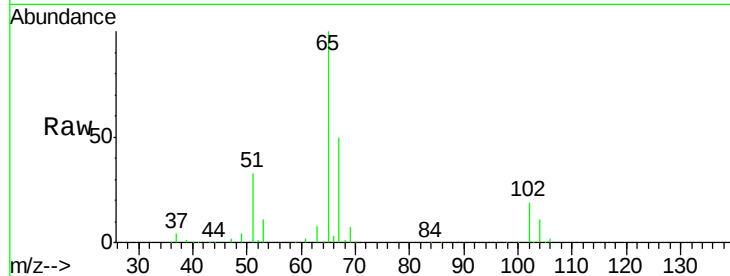
#33
 1,2-Dichloroethane-d4
 Concen: 53.422 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	107.0

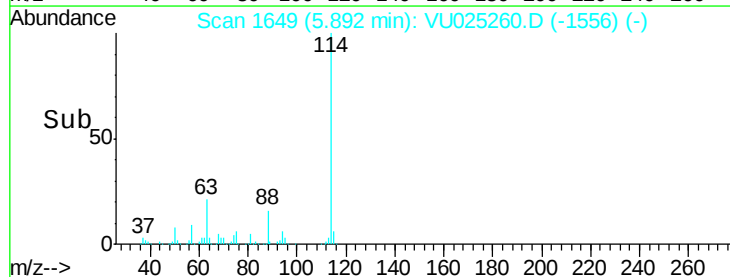
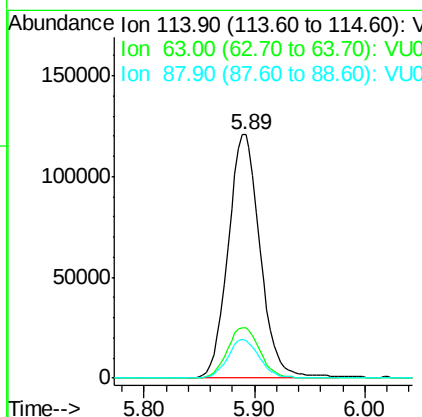
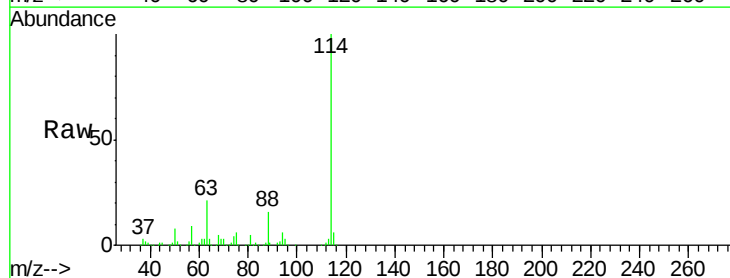
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	45.4
88	15.6	0.0	31.0





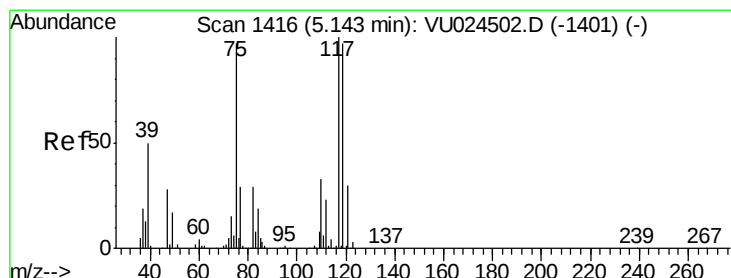
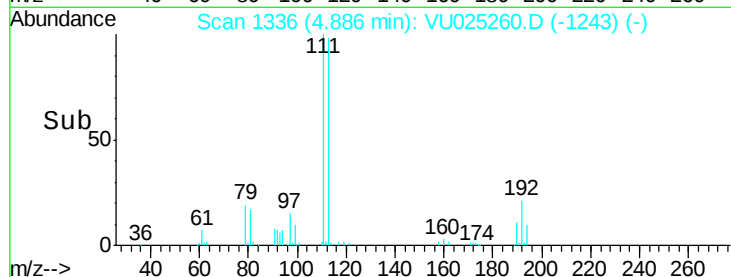
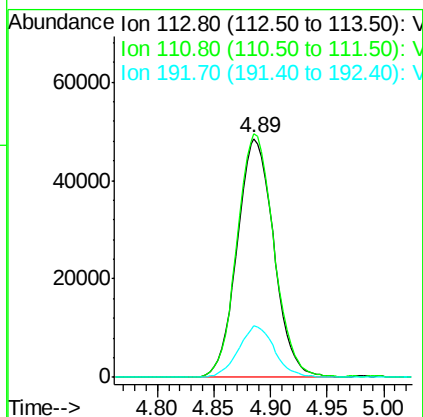
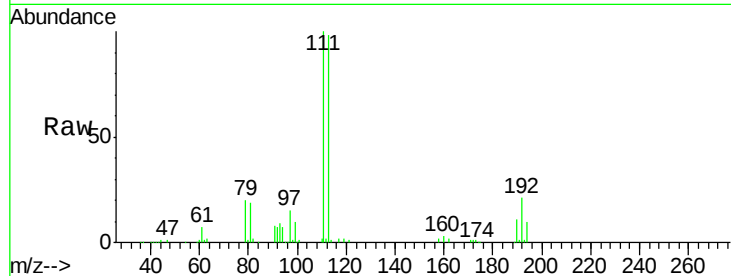
#35
 Dibromofluoromethane
 Concen: 54.477 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	21.1	16.2	24.4

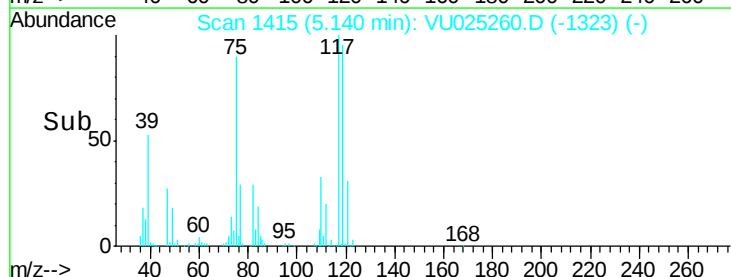
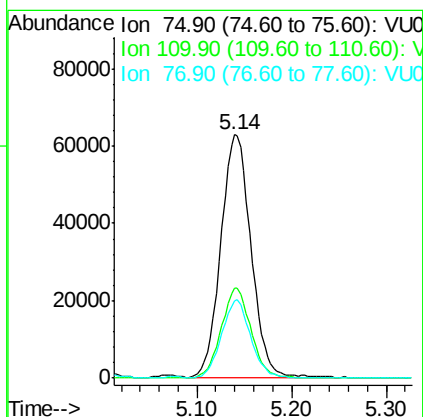
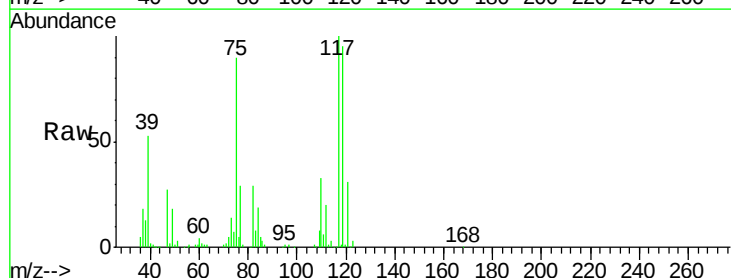
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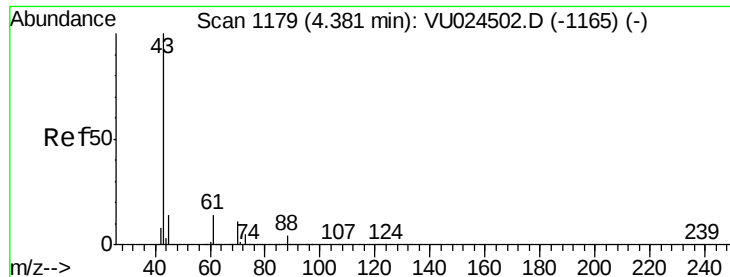
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#36
 1,1-Dichloropropene
 Concen: 48.443 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	17.0	50.9
77	30.7	24.2	36.4





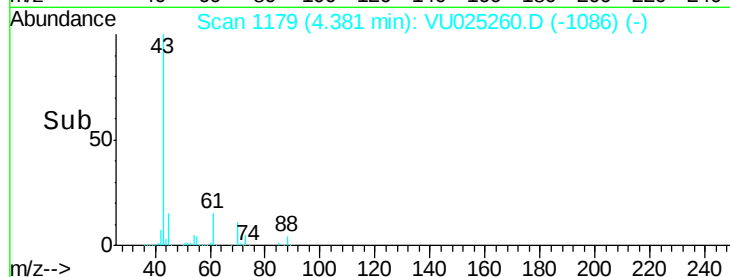
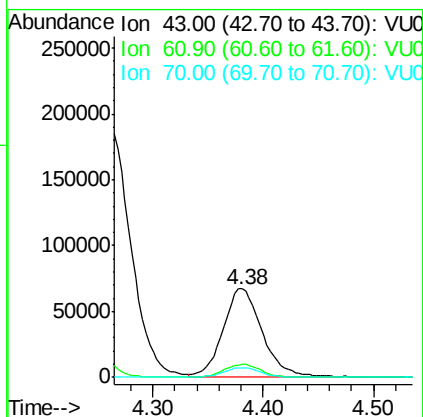
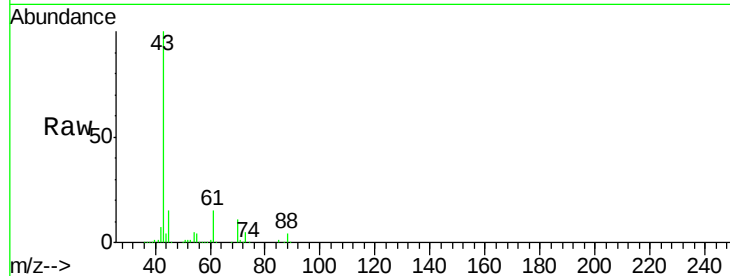
#37
Ethyl Acetate
Concen: 52.010 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.5	15.7
70	10.7	7.4	11.2

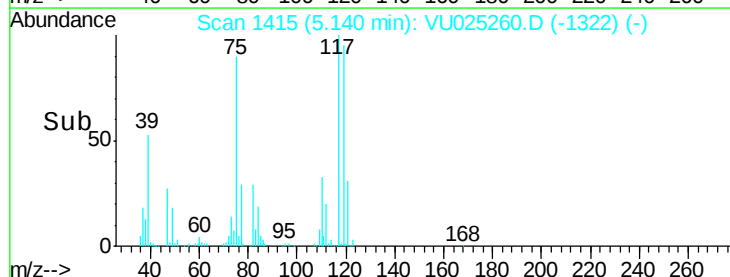
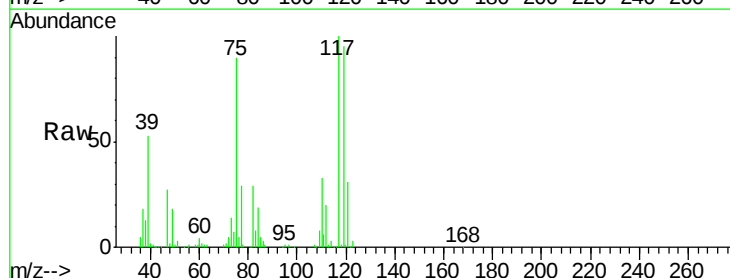
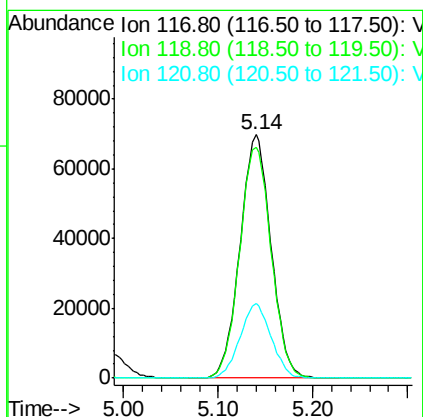
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 50.573 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.1	114.1
121	30.6	23.7	35.5





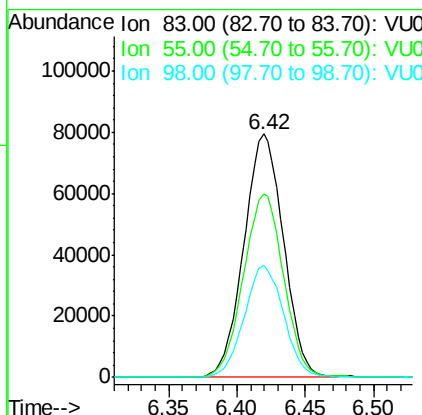
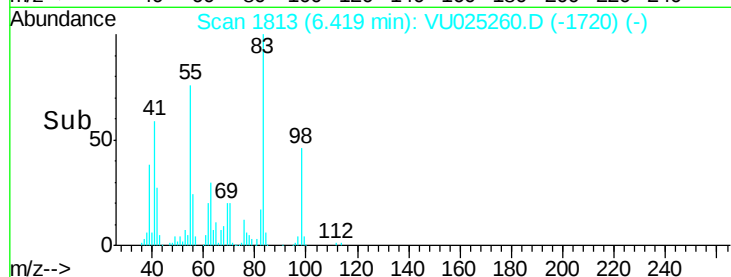
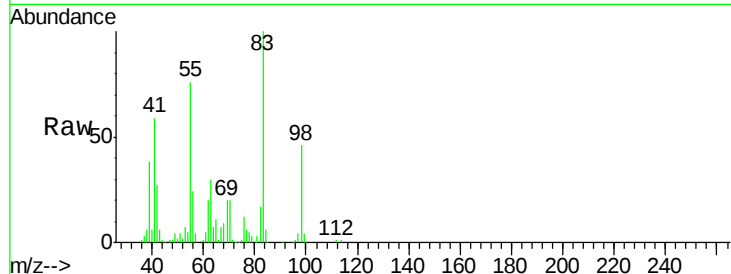
#39
Methvlcvclohexane
Concen: 44.976 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	65.8	98.6
98	45.7	36.7	55.1

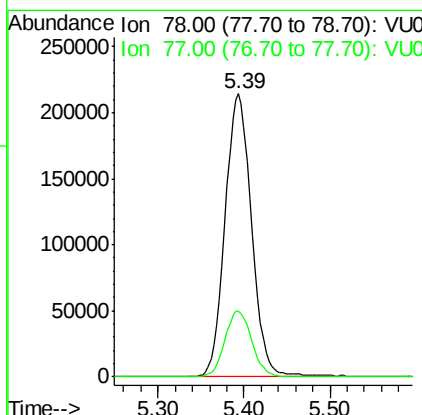
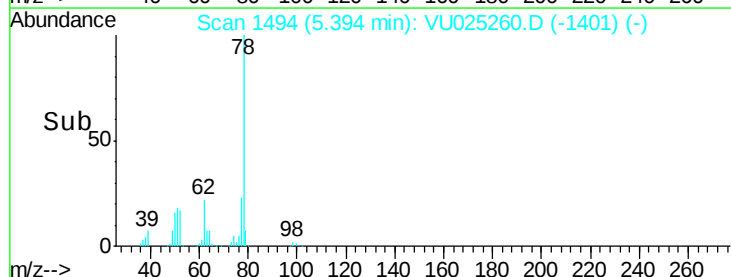
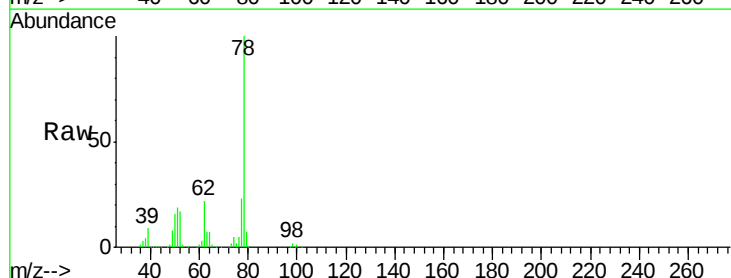
Manual Integrations
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#40
Benzene
Concen: 56.489 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.2	28.8





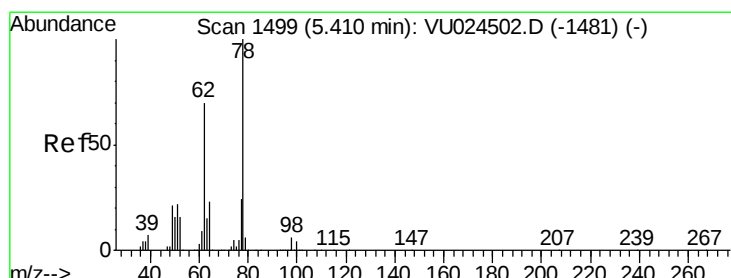
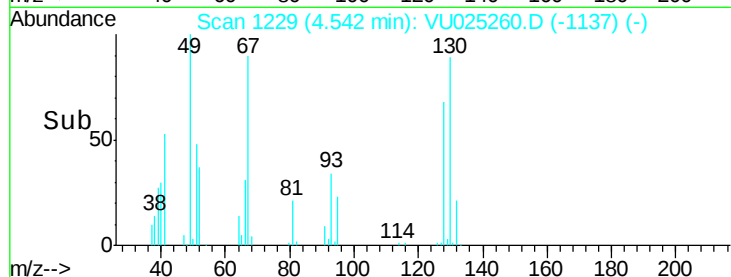
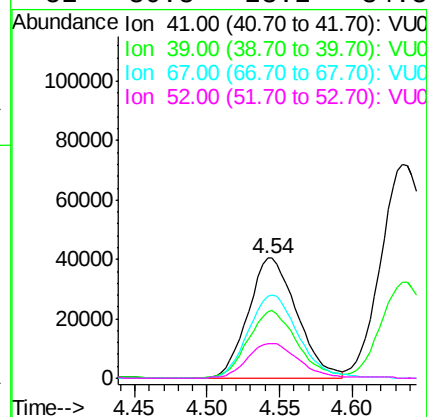
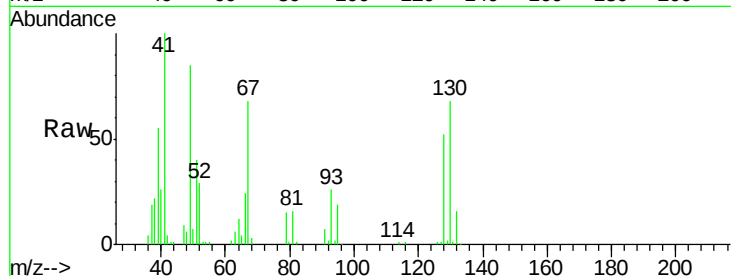
#41
Methacrylonitrile
Concen: 56.569 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		94955		
39	56.2	43.8	65.6		
67	71.2	56.3	84.5		
52	30.8	23.2	34.8		

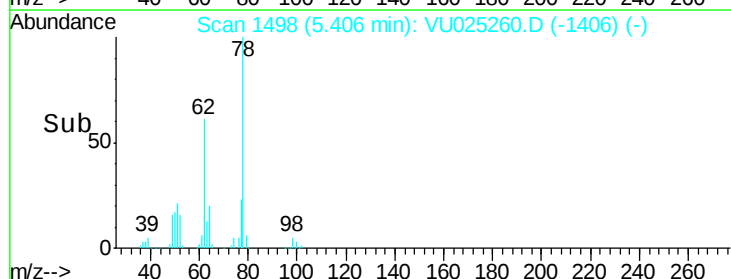
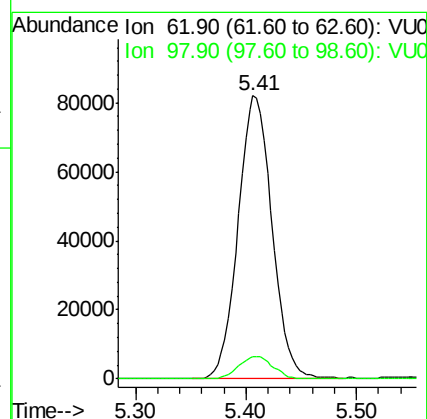
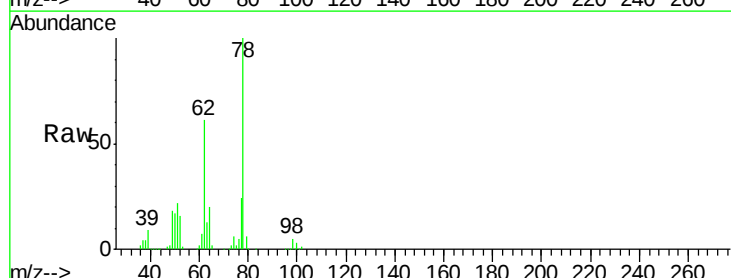
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 56.473 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		175062		
98	8.0	0.0	16.6		





#43

Isopropyl Acetate

Concen: 49.062 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

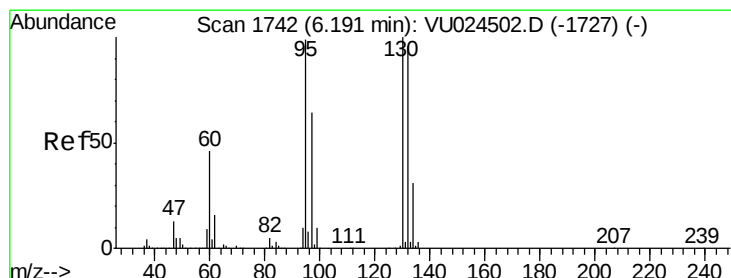
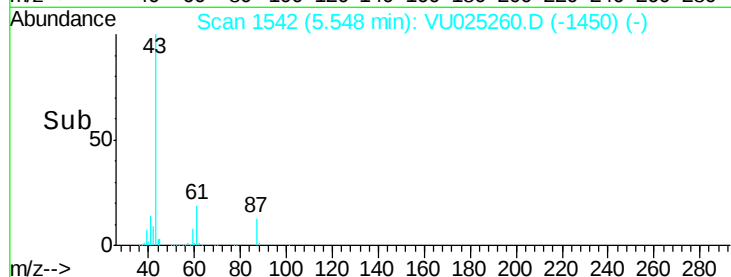
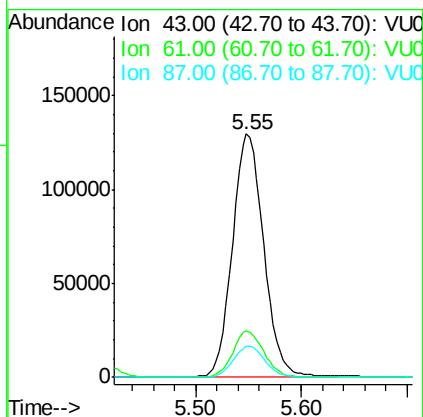
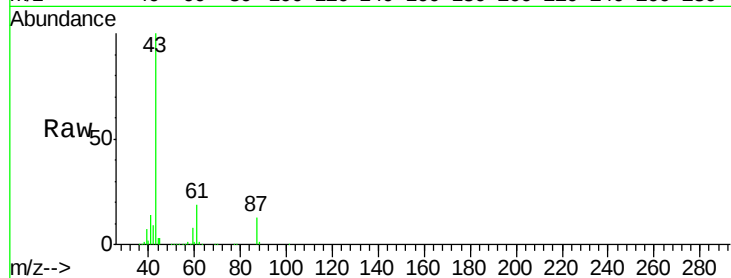
ClientSampleId :

WP021MW470-180628MS

Tot Ion:	43	Resp:	264023
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.4	23.0
87	13.1	10.0	15.0

Manual Integrations
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#44

Trichloroethene

Concen: 52.223 ug/l

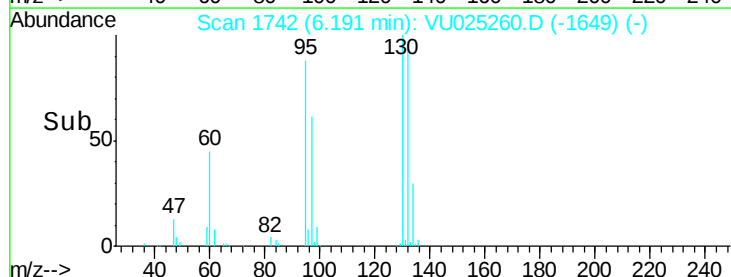
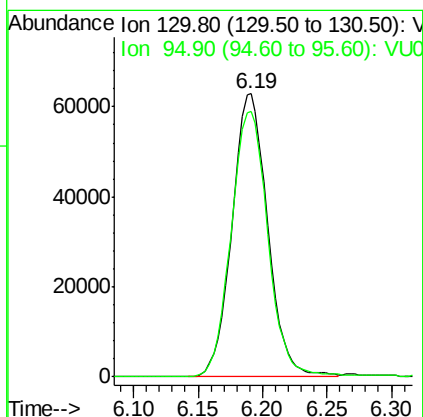
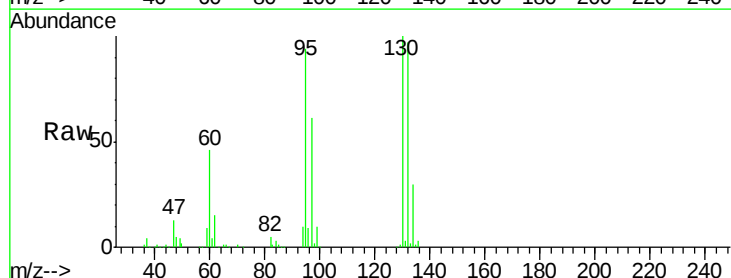
RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Tgt Ion:	130	Resp:	120969
Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	202.4





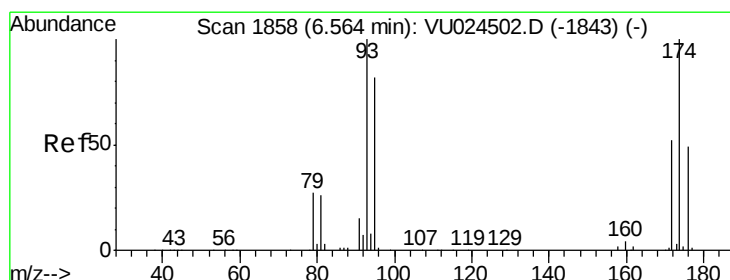
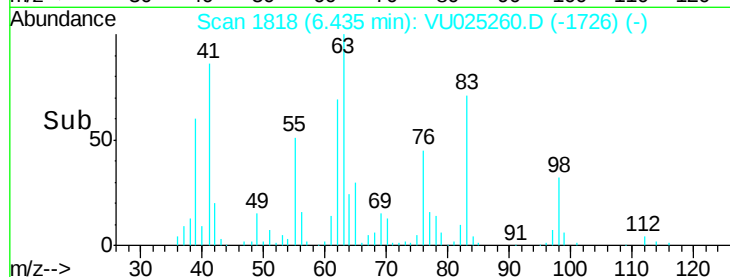
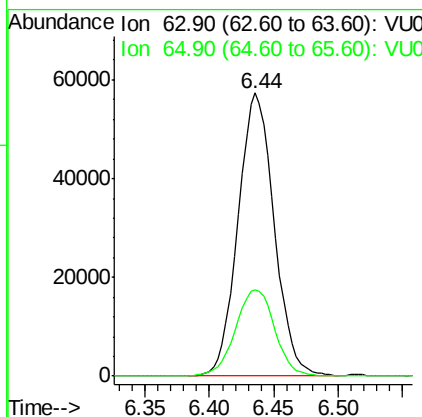
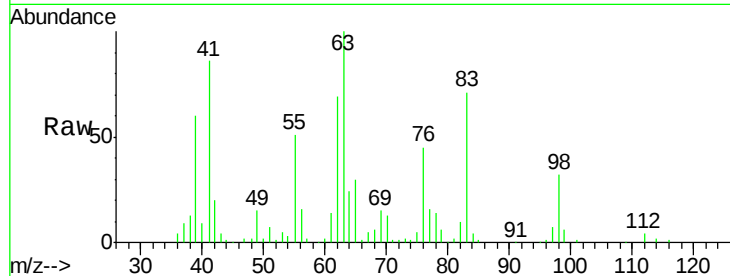
#45
 1,2-Dichloropropane
 Concen: 51.510 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MS

Tot Ion: 63 Resp: 111867
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.8 37.2

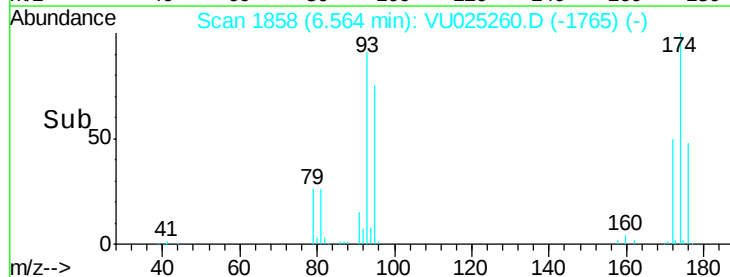
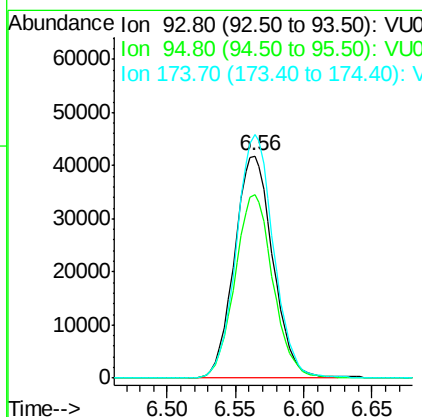
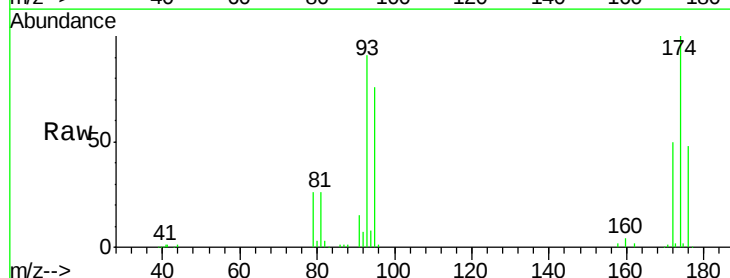
Manual Integrations
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 7/9/2018 12:58:02 PM



#46
 Dibromomethane
 Concen: 53.625 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion: 93 Resp: 81803
 Ion Ratio Lower Upper
 93 100
 95 81.9 65.5 98.3
 174 106.1 78.7 118.1





#47

Bromodichloromethane

Concen: 50.881 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

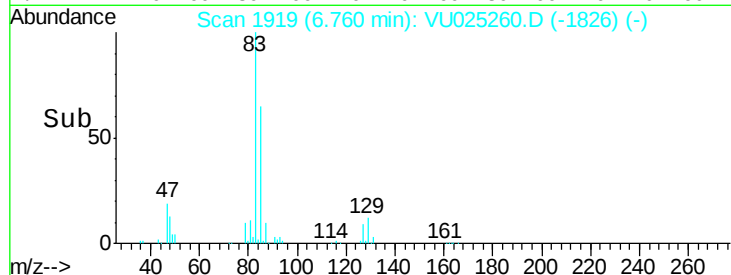
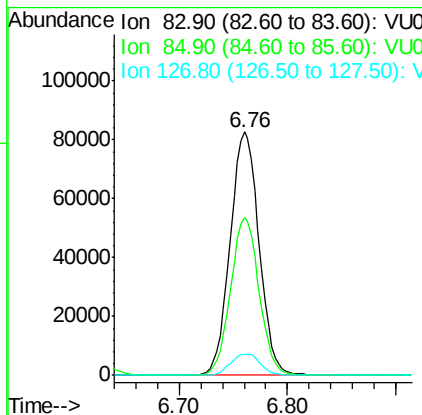
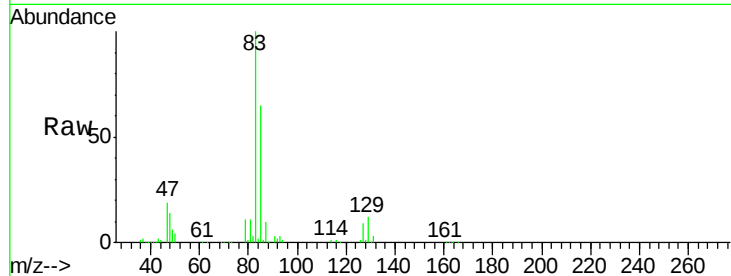
ClientSampleId :

WP021MW470-180628MS

Tot Ion:	83	Resp:	154556
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.9	77.9
127	8.8	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.488 ug/l

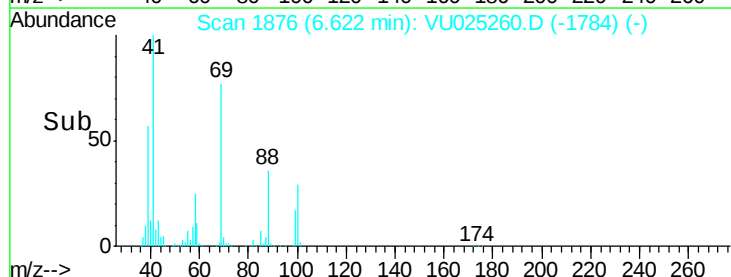
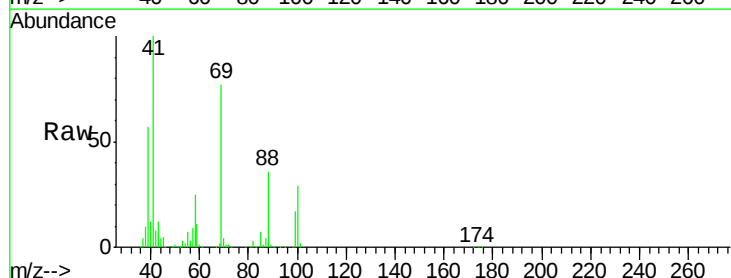
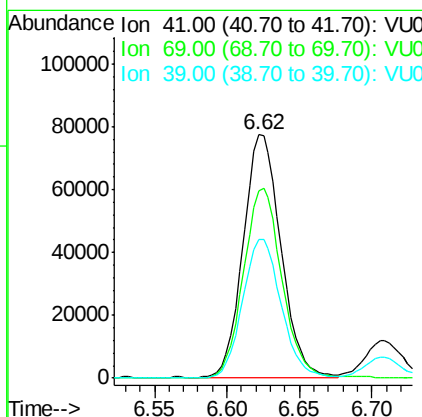
RT: 6.62 min Scan# 1876

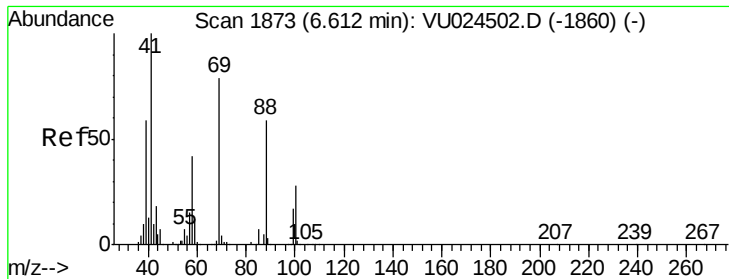
Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Tgt Ion:	41	Resp:	140162
Ion Ratio	Lower	Upper	
41	100		
69	79.5	67.3	100.9
39	58.0	46.5	69.7





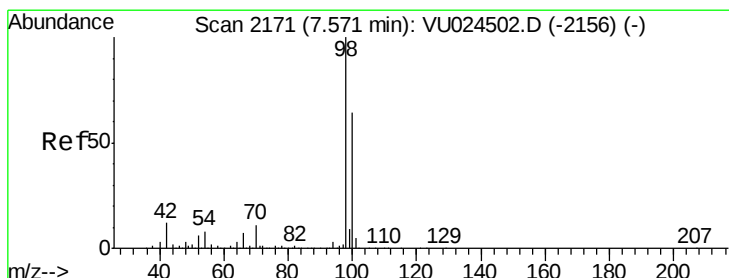
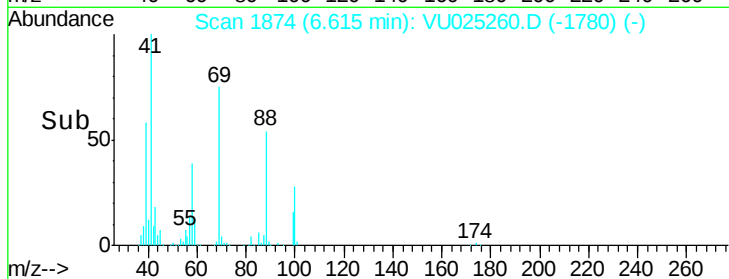
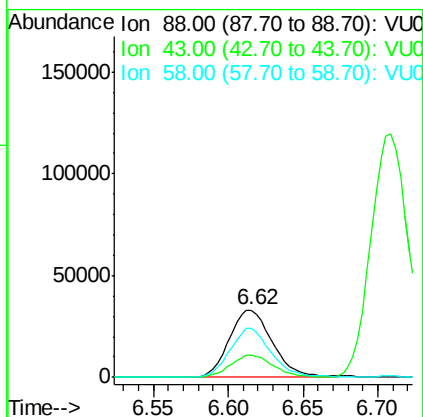
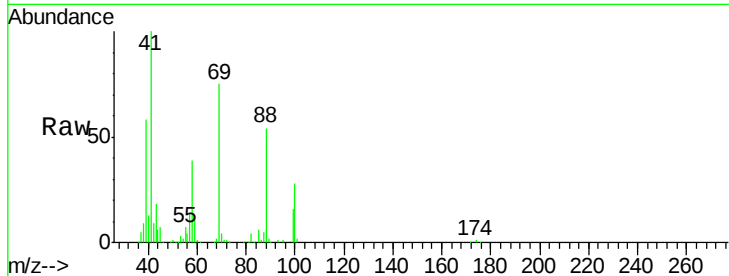
#49
1,4-Dioxane
Concen: 1268.505 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.8	28.6	42.8
58	71.3	58.2	87.4

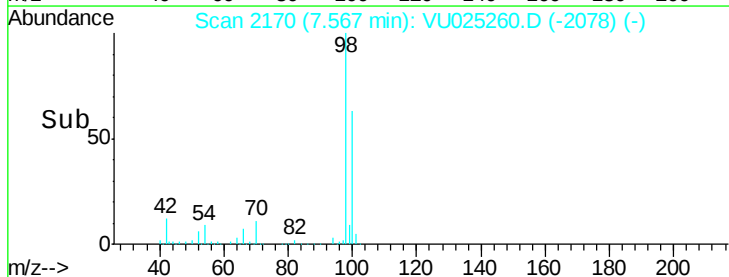
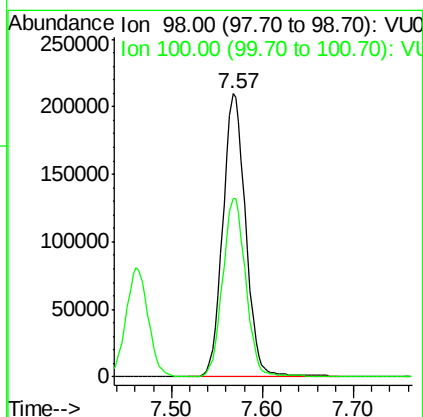
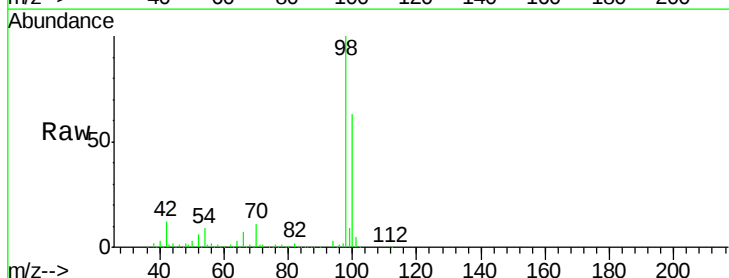
Manual Integrations
APPROVED

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#50
Toluene-d8
Concen: 49.898 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.1	76.7





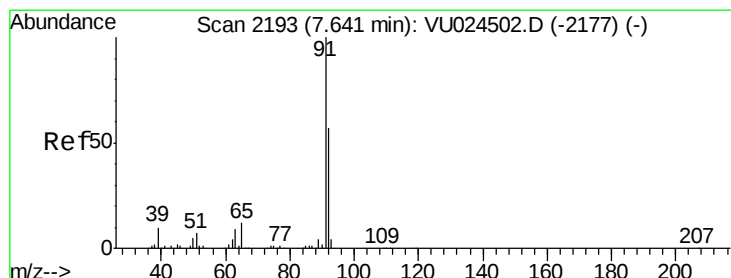
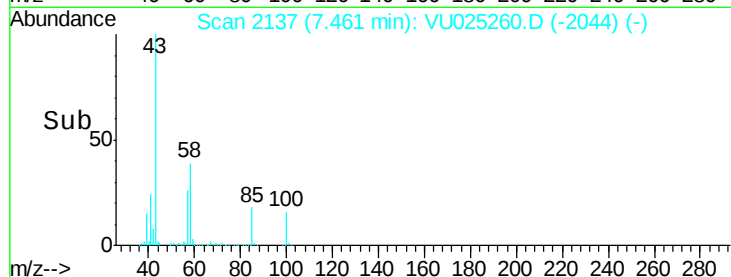
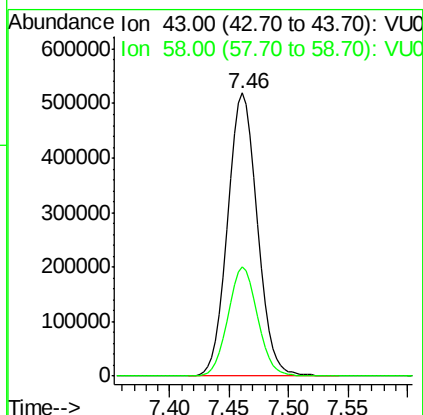
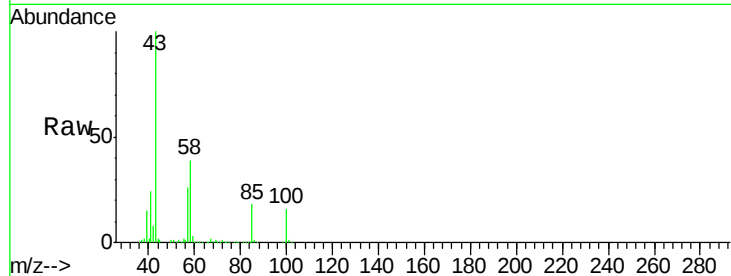
#51
4-Methyl-2-Pentanone
Concen: 266.149 ug/l
RT: 7.46 min Scan# 2137
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.4	30.0	45.0

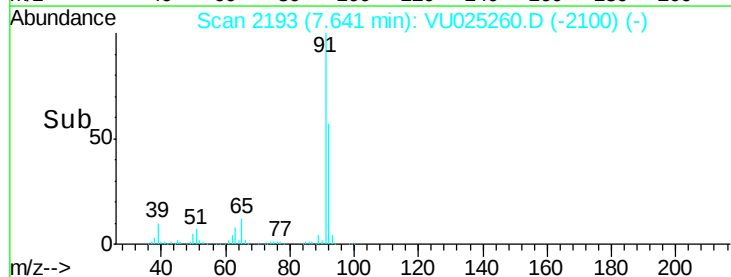
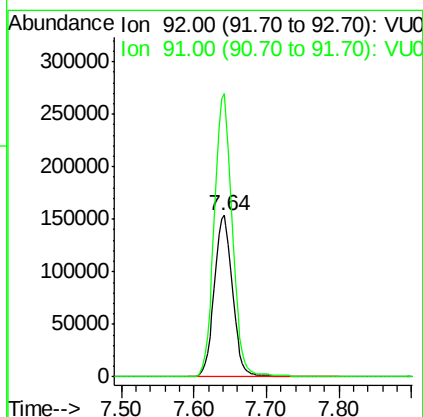
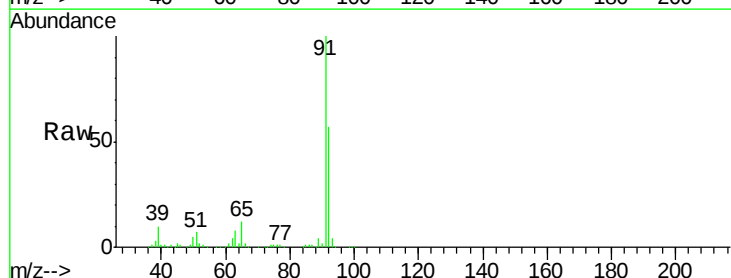
Manual Integrations
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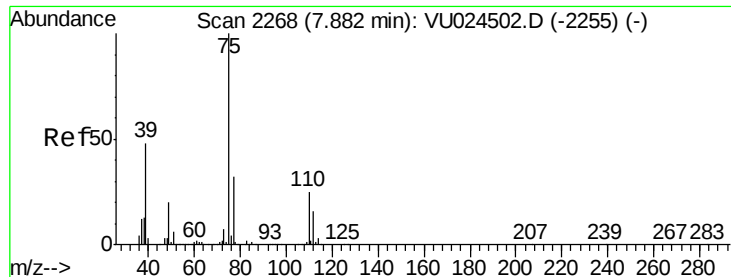
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#52
Toluene
Concen: 51.507 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.1	140.5	210.7





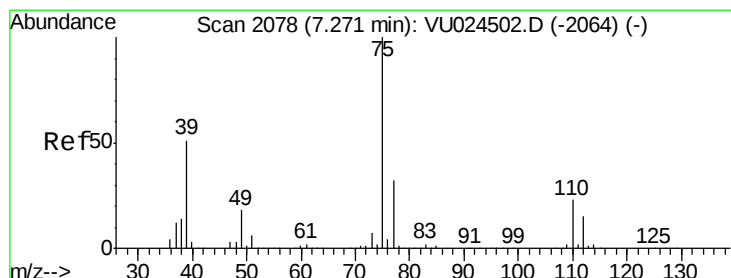
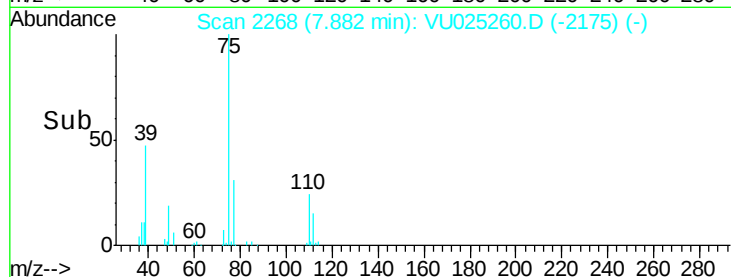
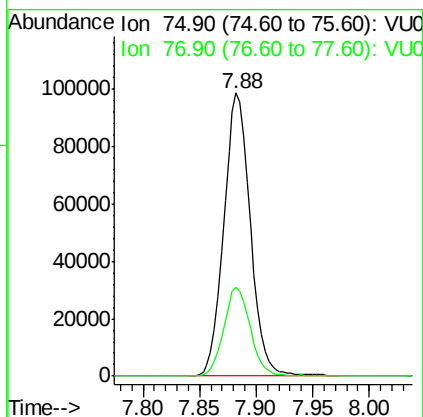
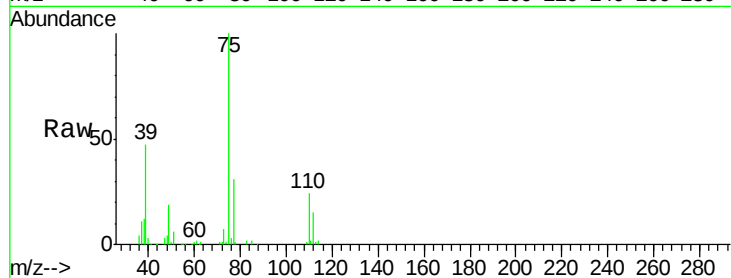
#53
t-1,3-Dichloropropene
Concen: 47.172 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.8	37.2

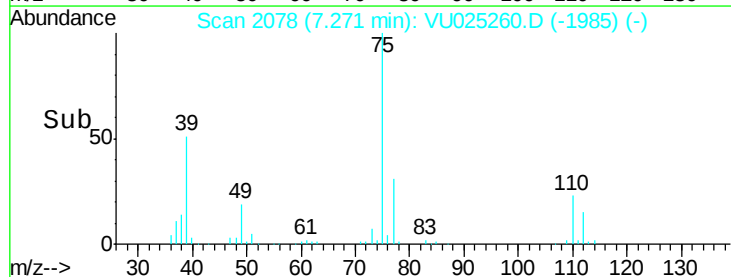
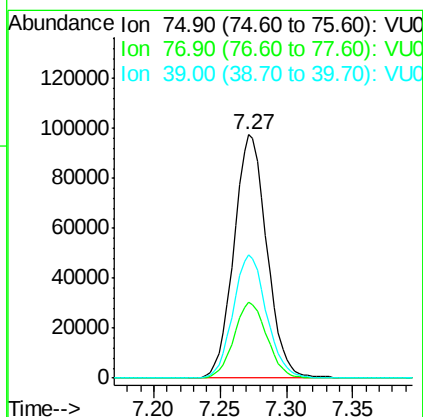
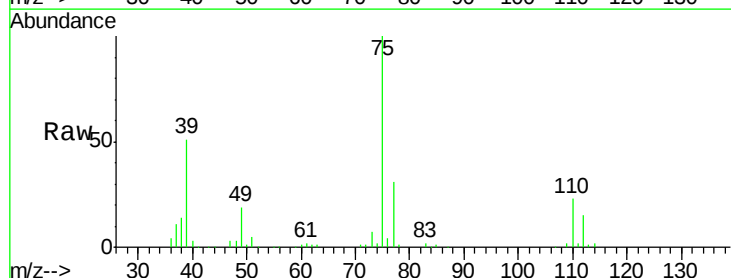
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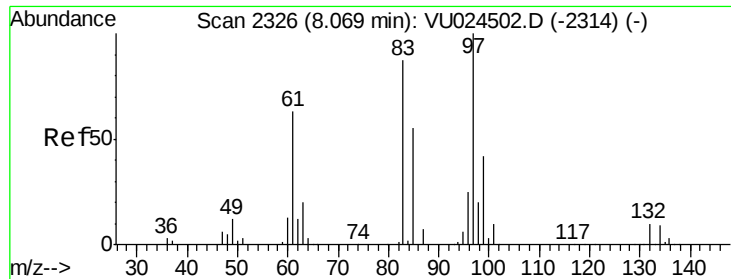
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#54
cis-1,3-Dichloropropene
Concen: 46.353 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.6	36.8
39	50.7	39.8	59.6





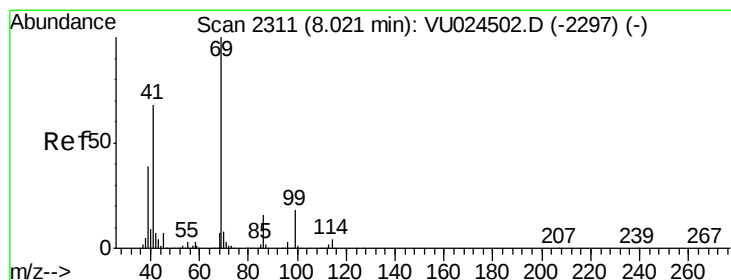
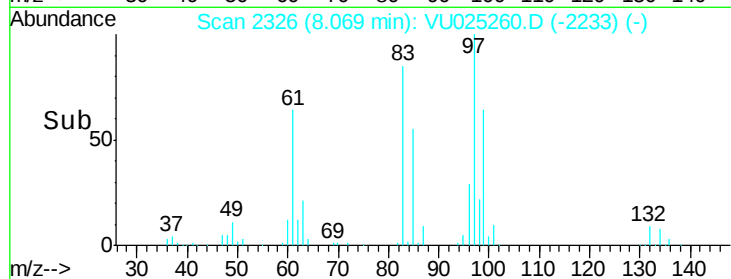
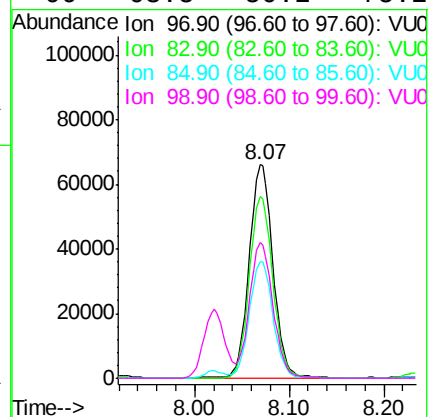
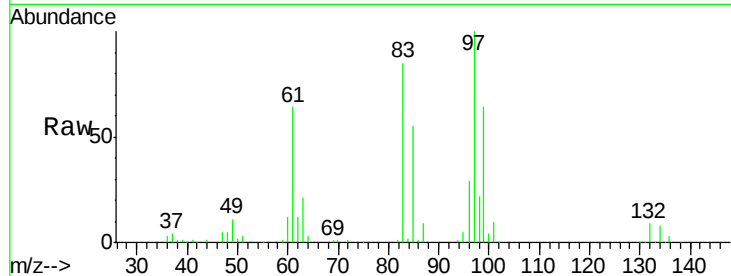
#55
 1,1,2-Trichloroethane
 Concen: 54.495 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MS

Tot Ion:	97	Resp:	115996
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.5	105.7
85	54.4	46.4	69.6
99	63.5	50.2	75.2

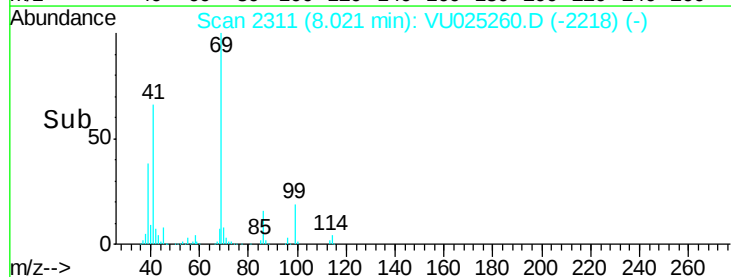
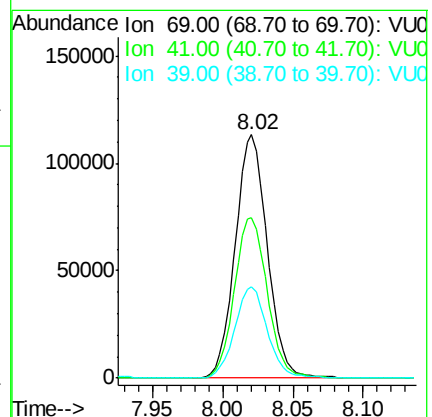
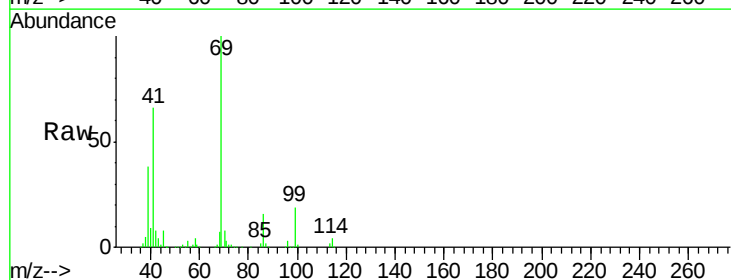
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 50.814 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion:	69	Resp:	181034
Ion	Ratio	Lower	Upper
69	100		
41	67.5	54.1	81.1
39	38.0	30.3	45.5





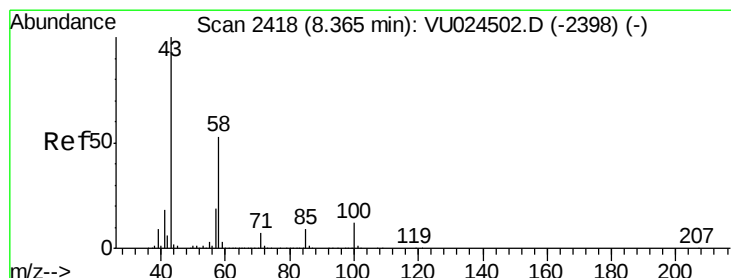
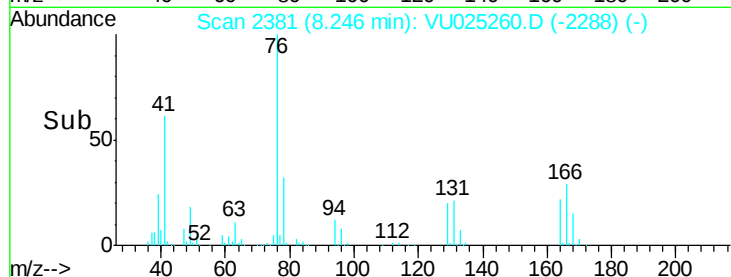
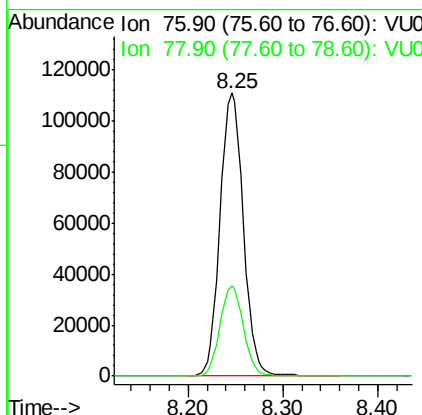
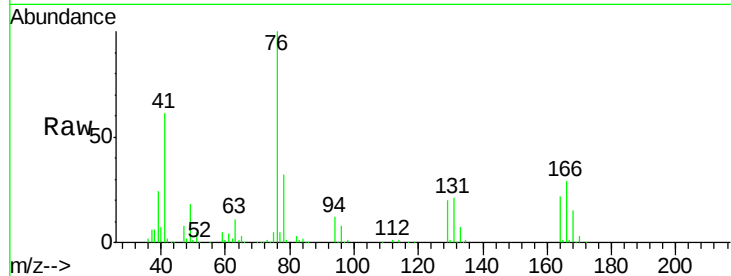
#57
 1,3-Dichloropropane
 Concen: 52.971 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MS

Tot Ion: 76 Resp: 190204
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.2 37.8

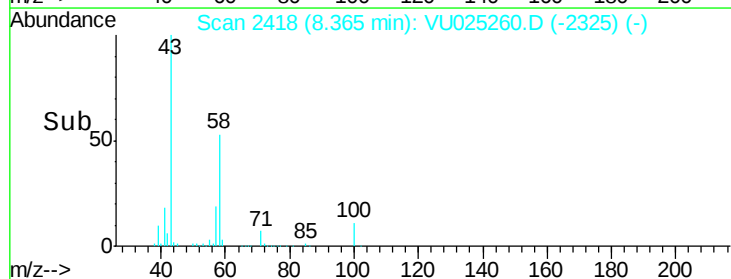
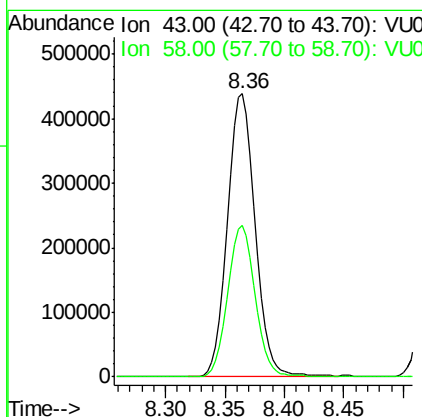
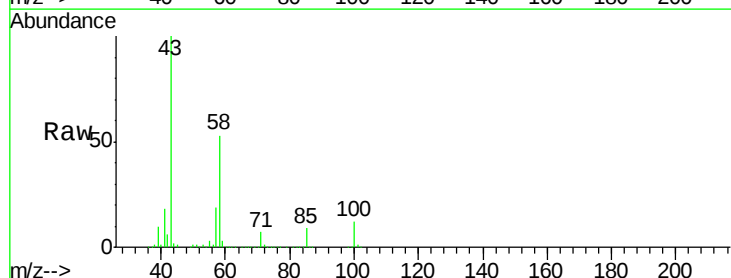
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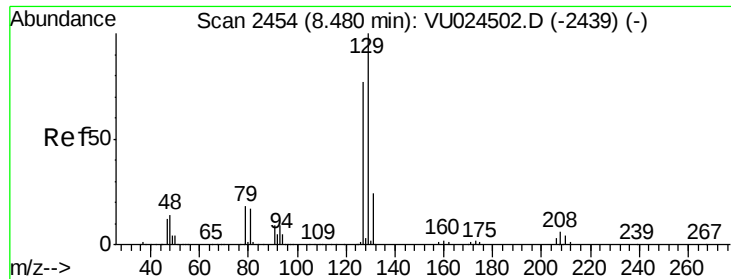
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#59
 2-Hexanone
 Concen: 256.771 ug/l
 RT: 8.36 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion: 43 Resp: 708735
 Ion Ratio Lower Upper
 43 100
 58 53.2 26.4 79.0





#60

Dibromochloromethane

Concen: 48.581 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628MS

Tot Ion:129 Resp: 128949

Ion Ratio Lower Upper

129 100

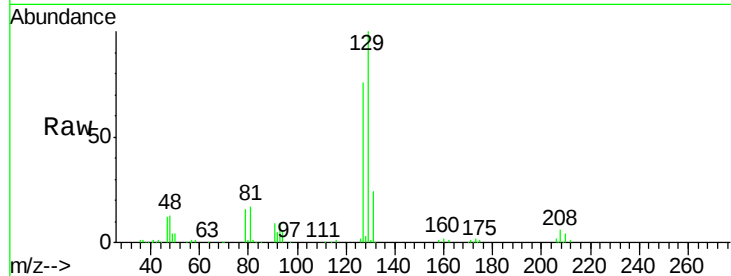
127 76.4 38.6 116.0

Manual Integrations

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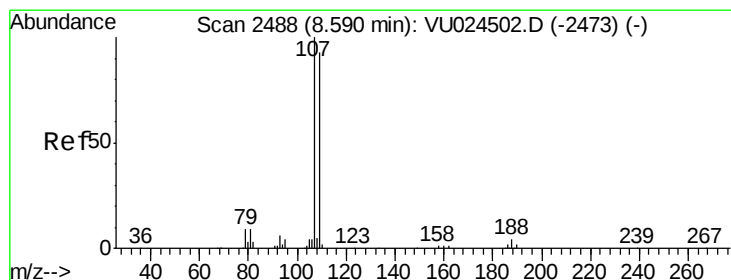
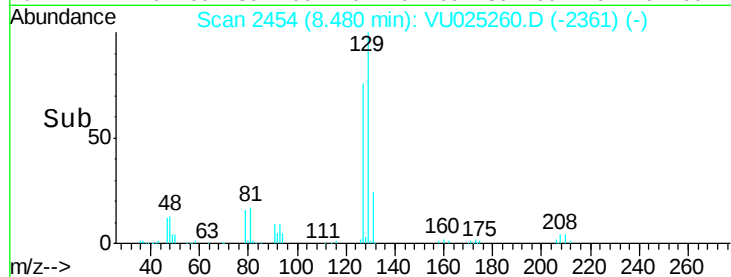
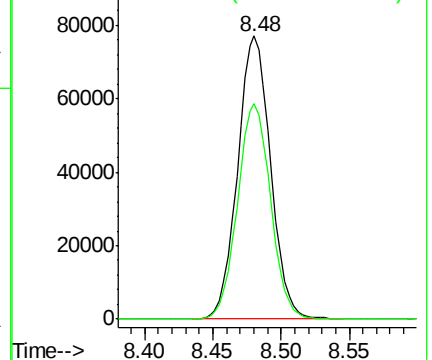
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.302 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025260.D

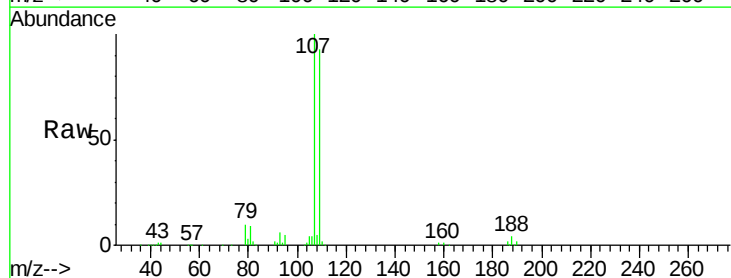
Acq: 06 Jul 2018 23:20

Tgt Ion:107 Resp: 123911

Ion Ratio Lower Upper

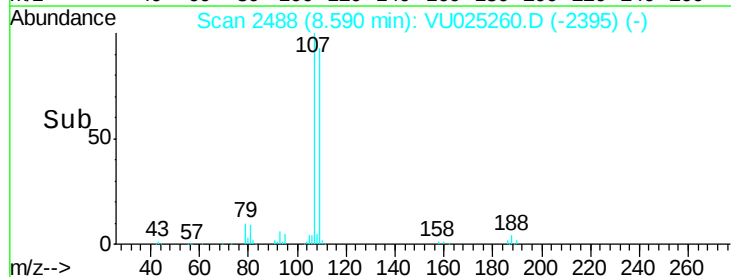
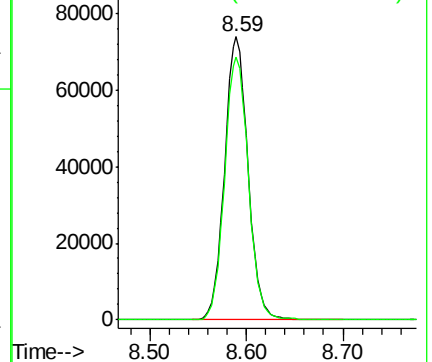
107 100

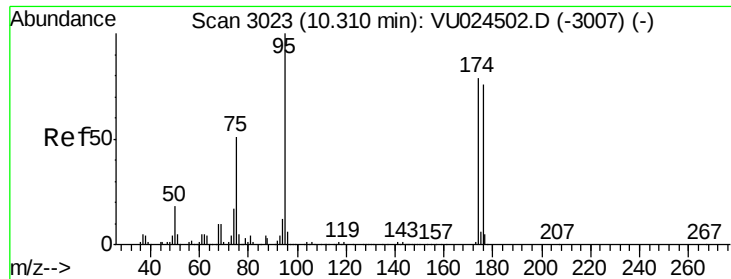
109 94.4 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





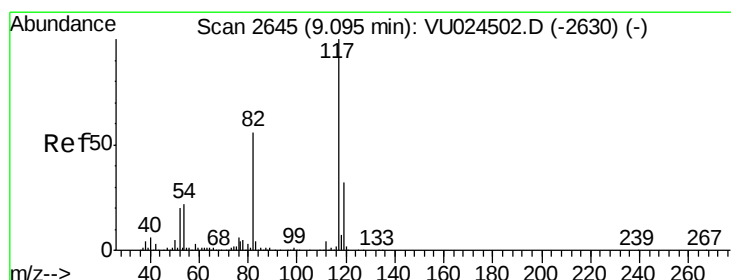
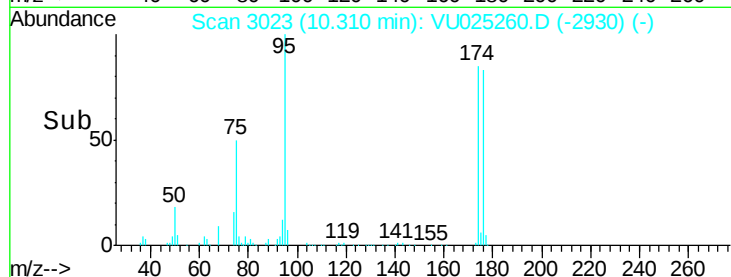
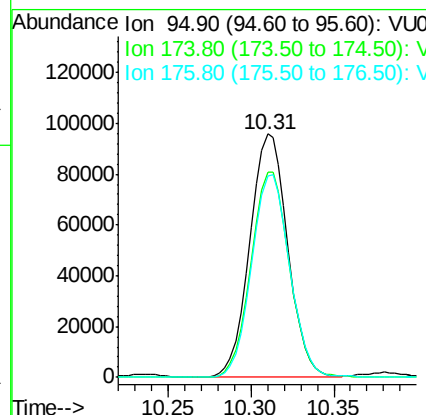
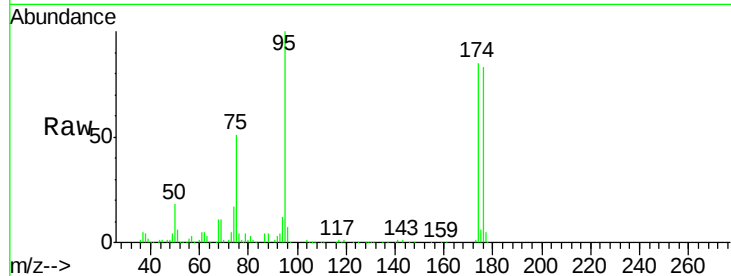
#62
4-Bromofluorobenzene
Concen: 51.866 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	151537		
174	86.3	0.0	165.8	
176	84.3	0.0	159.4	

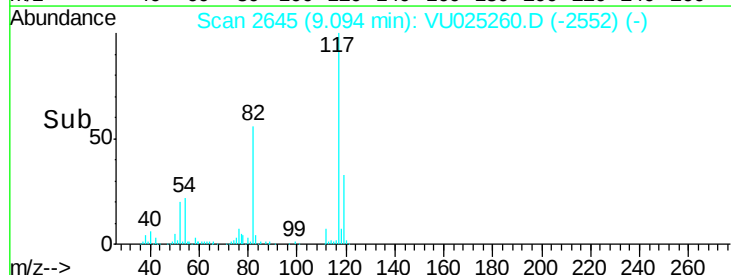
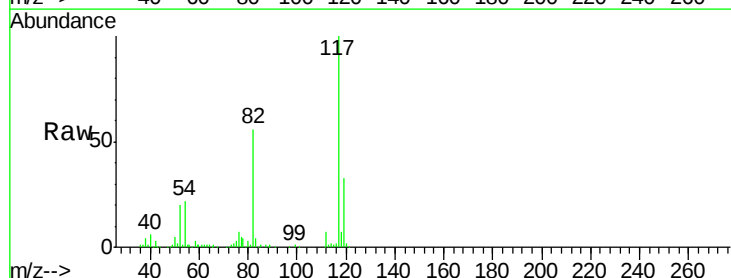
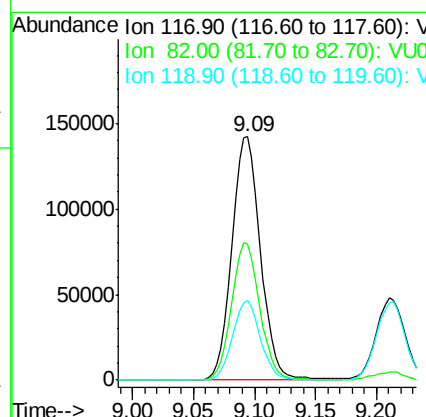
Manual Integrations
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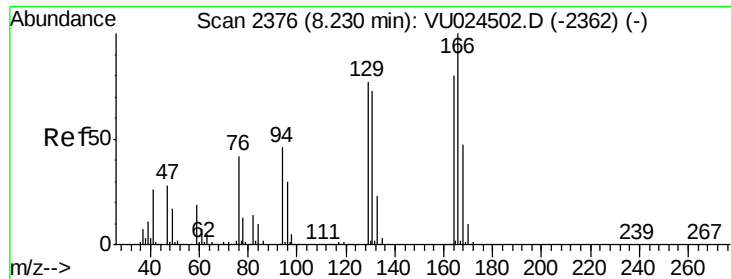
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	234051		
82	55.7	44.3	66.5	
119	32.7	25.4	38.2	





#64

Tetrachloroethene

Concen: 45.921 ug/l

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628MS

Tot Ion:164 Resp: 102163

Ion Ratio Lower Upper

164 100

166 126.8 101.7 152.5

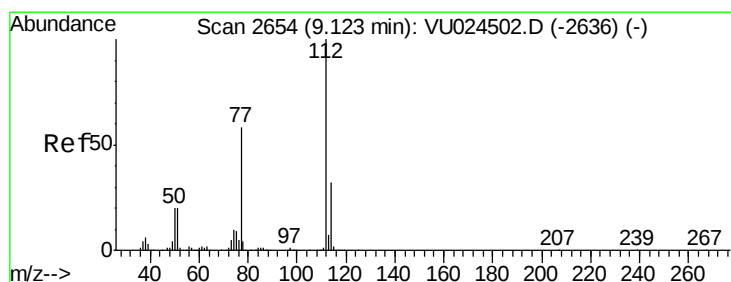
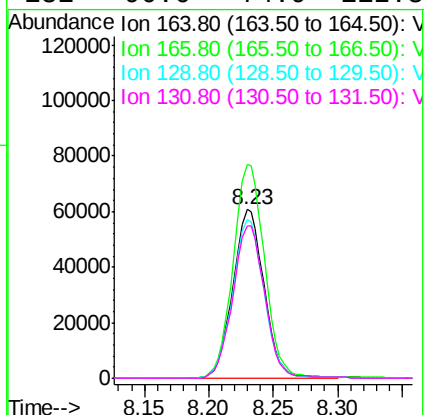
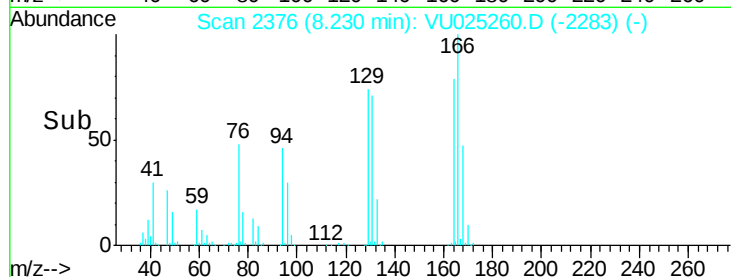
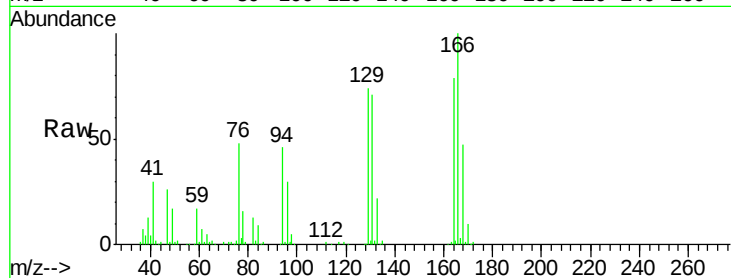
129 94.2 76.9 115.3

131 90.6 74.9 112.3

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#65

Chlorobenzene

Concen: 81.696 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU025260.D

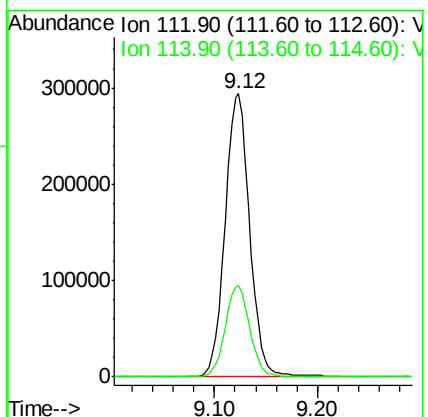
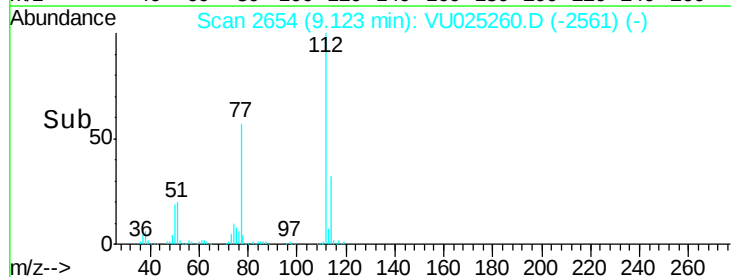
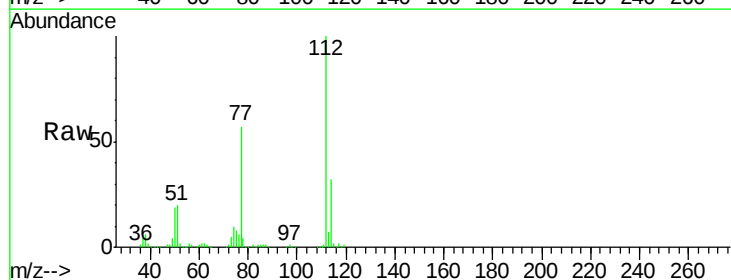
Acq: 06 Jul 2018 23:20

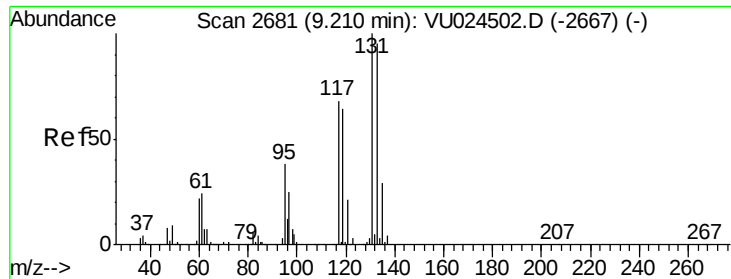
Tgt Ion:112 Resp: 488474

Ion Ratio Lower Upper

112 100

114 32.2 25.6 38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 51.837 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

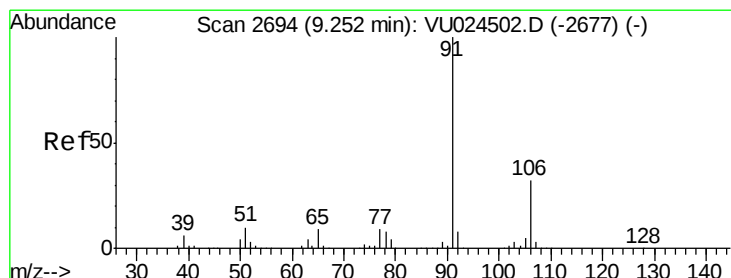
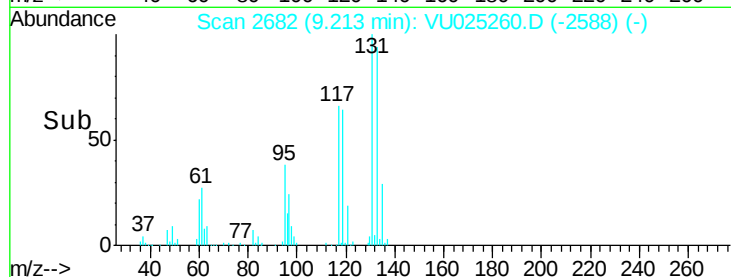
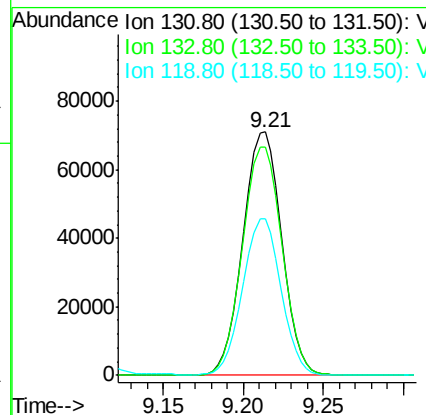
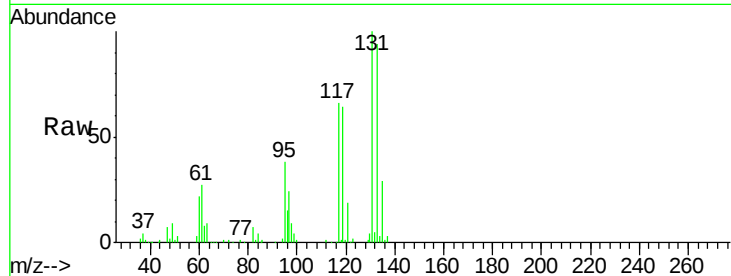
ClientSampleId :

WP021MW470-180628MS

Tot Ion:	131	Resp:	117753
Ion Ratio	Lower	Upper	
131	100		
133	95.9	46.9	140.8
119	63.8	33.5	100.4

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#67

Ethyl Benzene

Concen: 49.968 ug/l

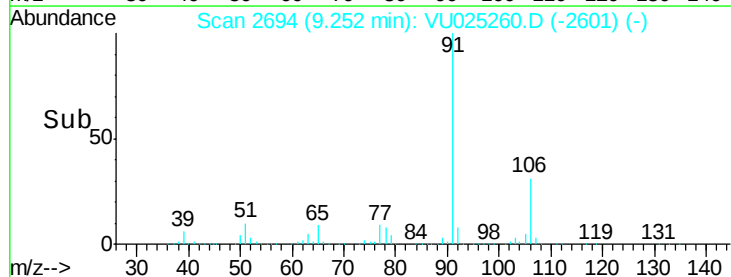
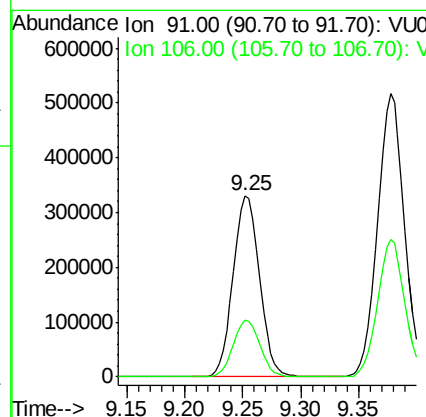
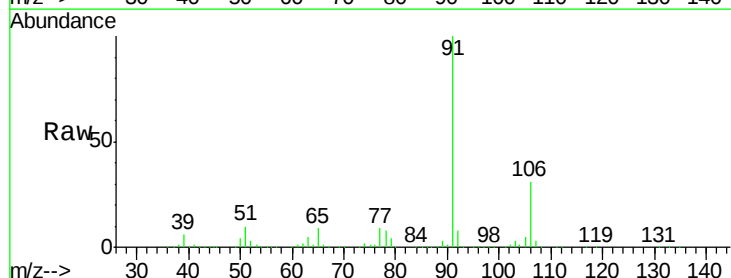
RT: 9.25 min Scan# 2694

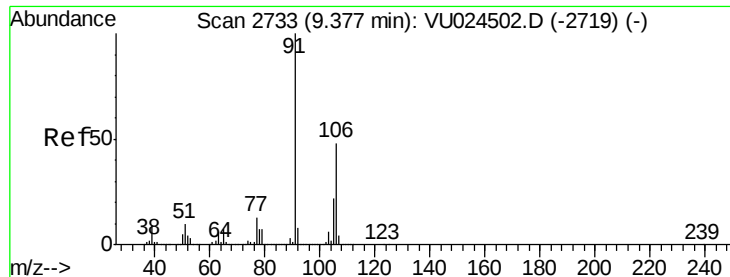
Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Tgt Ion:	91	Resp:	523763
Ion Ratio	Lower	Upper	
91	100		
106	31.3	24.2	36.4





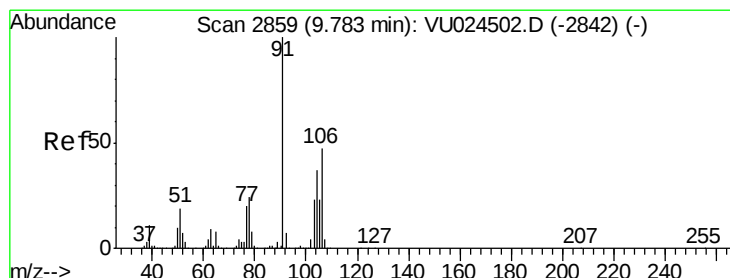
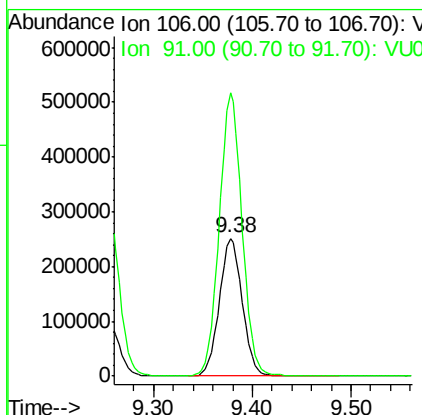
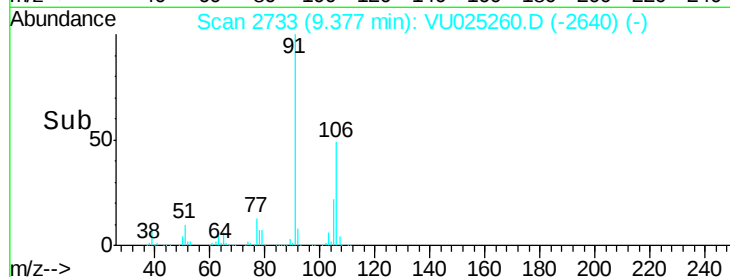
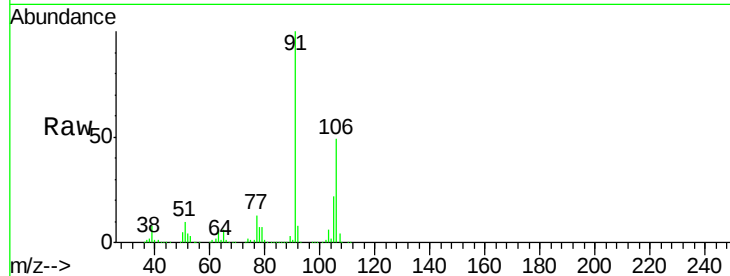
#68
m/p-Xylenes
Concen: 102.344 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MS

Tot Ion:106 Resp: 411939
Ion Ratio Lower Upper
106 100
91 203.3 166.5 249.7

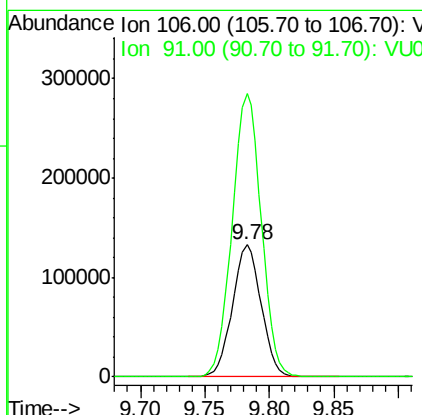
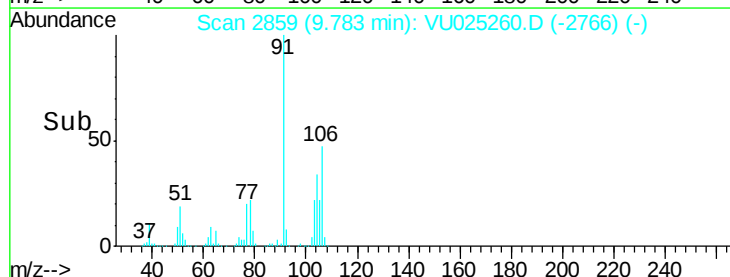
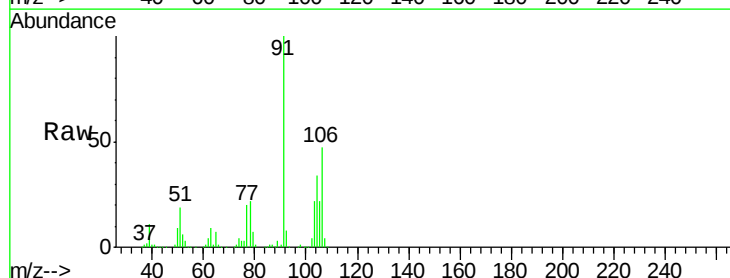
Manual Integrations
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#69
o-Xylene
Concen: 51.674 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Tgt Ion:106 Resp: 205839
Ion Ratio Lower Upper
106 100
91 217.3 110.7 331.9





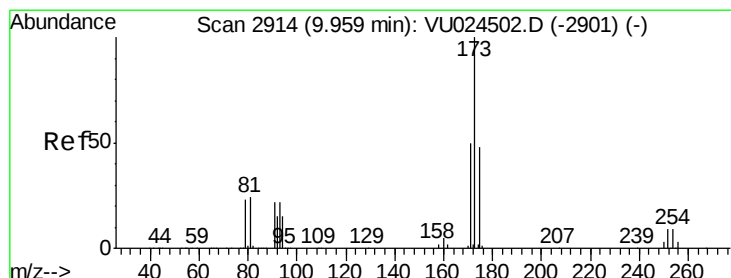
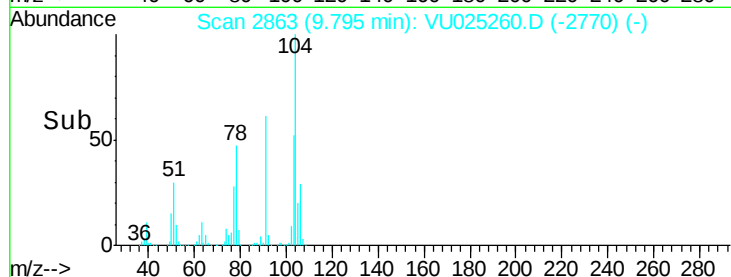
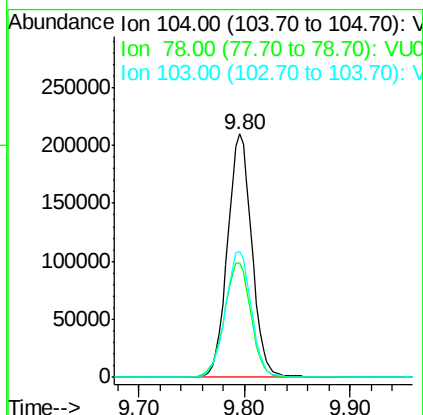
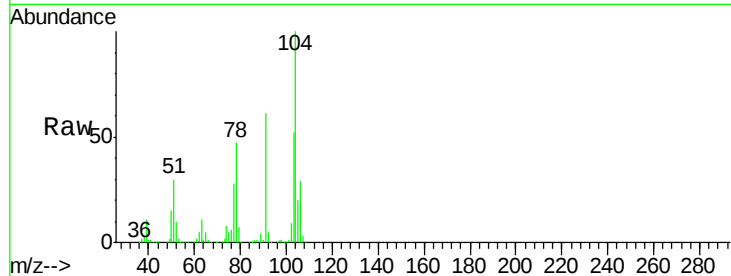
#70
Stvrene
Concen: 50.982 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

Instrument :
MSVOA_U
ClientSampleId :
WP021MW470-180628MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.8	40.6	60.8
103	55.7	44.7	67.1

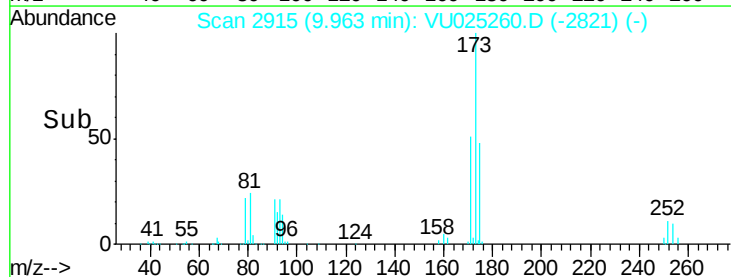
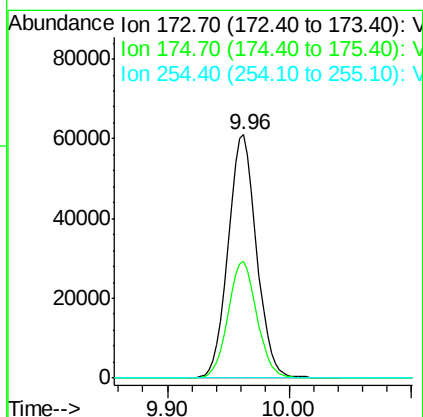
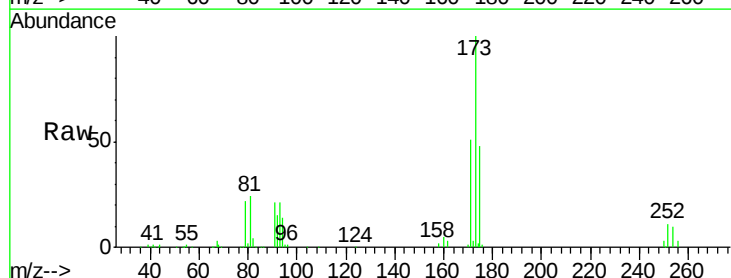
Manual Integrations
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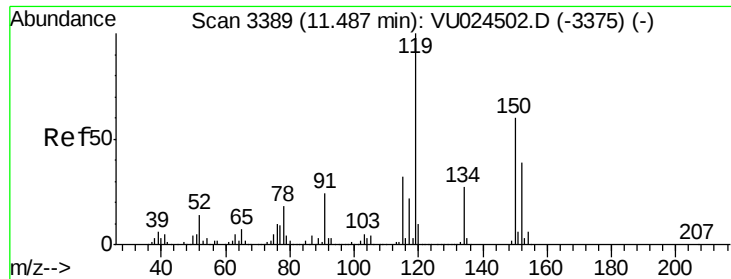
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#71
Bromoform
Concen: 46.024 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025260.D
Acq: 06 Jul 2018 23:20

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: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

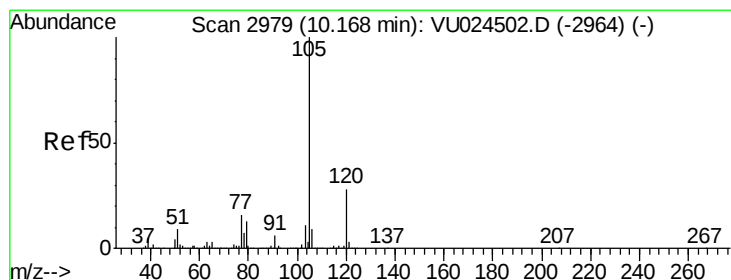
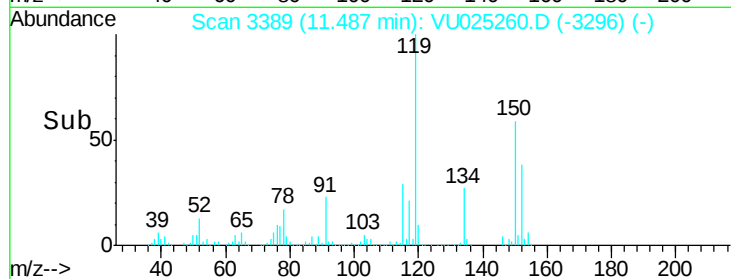
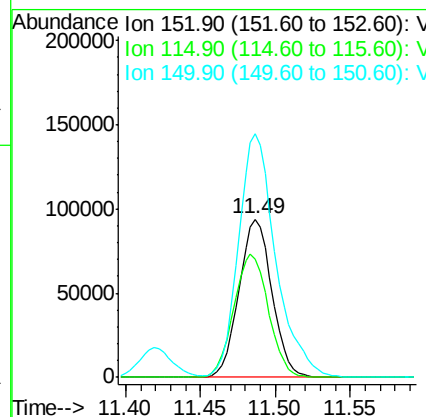
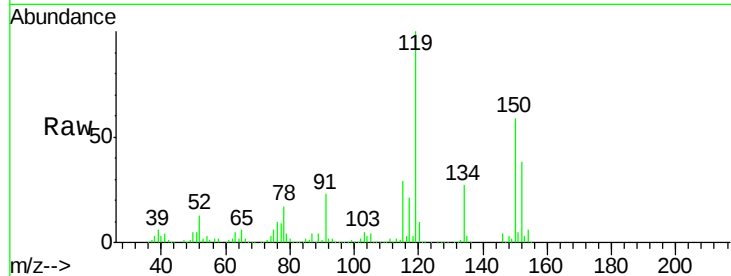
ClientSampleId :

WP021MW470-180628MS

Tot Ion:	152	Resp:	144295
Ion Ratio	Lower	Upper	
152	100		
115	81.5	43.0	129.0
150	174.2	0.0	354.0

Manual Integrations
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#73

Isopropylbenzene

Concen: 50.020 ug/l

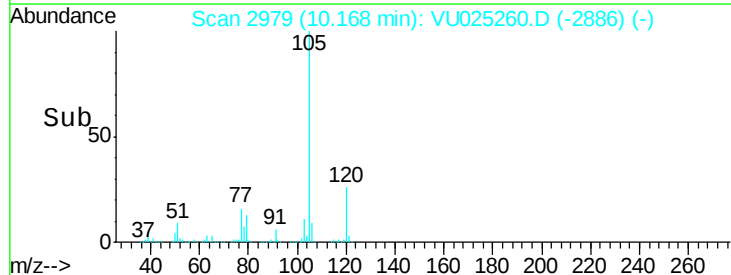
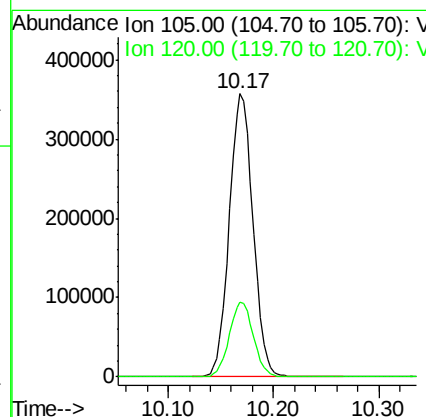
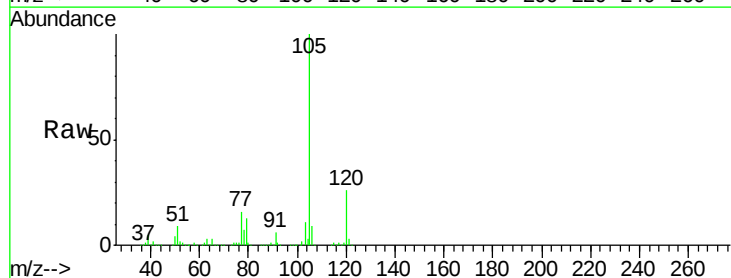
RT: 10.17 min Scan# 2979

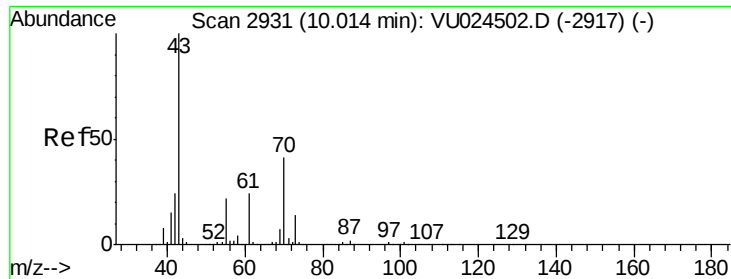
Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Tgt Ion:	105	Resp:	554141
Ion Ratio	Lower	Upper	
105	100		
120	26.7	13.2	39.6





#74

N-amvl acetate

Concen: 43.278 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

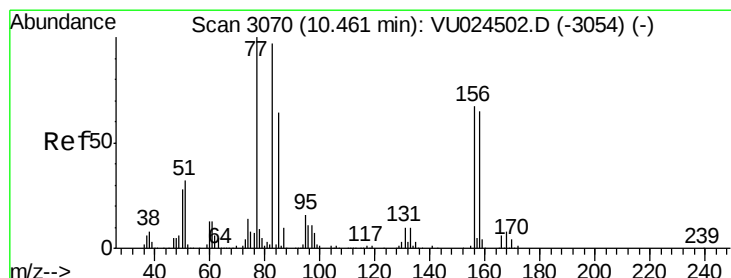
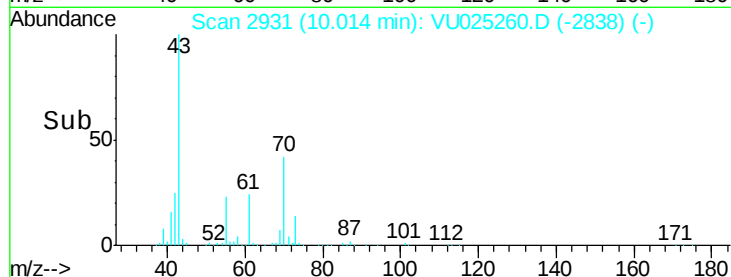
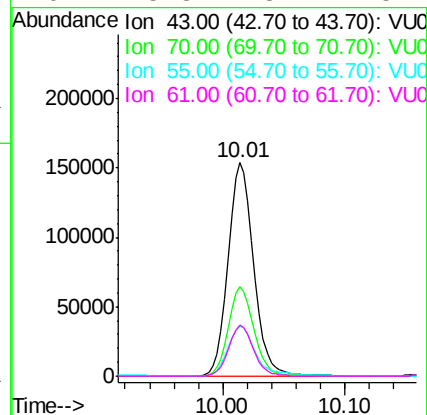
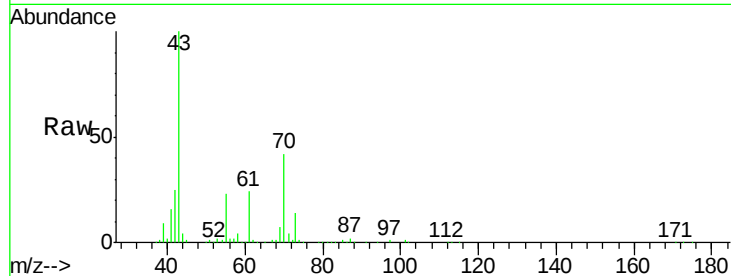
ClientSampleId :

WP021MW470-180628MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	41.6	32.2	48.4	
55	25.8	20.5	30.7	
61	23.3	18.7	28.1	

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#75

1,1,2,2-Tetrachloroethane

Concen: 52.624 ug/l

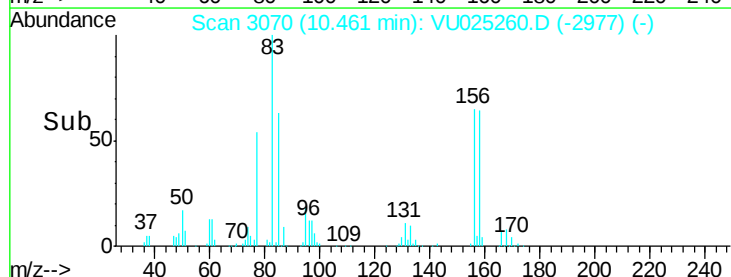
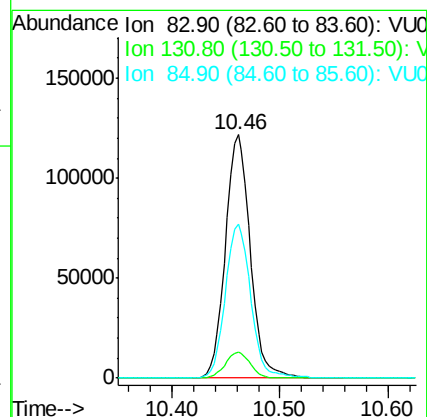
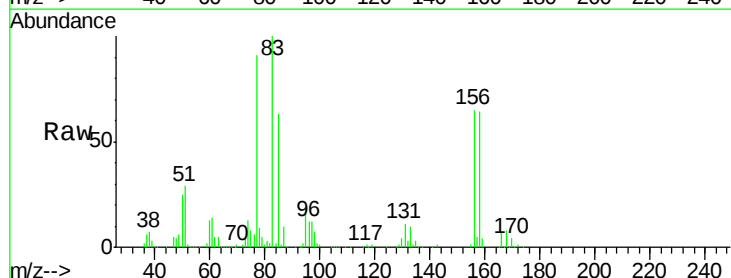
RT: 10.46 min Scan# 3070

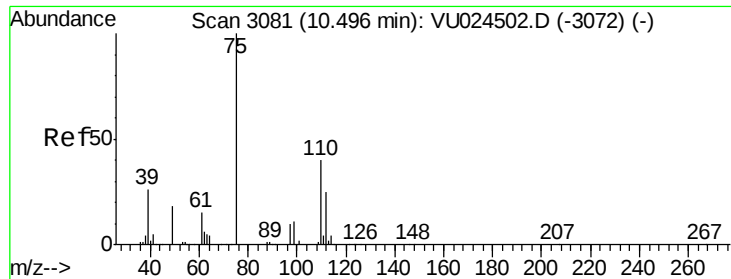
Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.6	4.7	14.1	
85	64.8	32.5	97.5	





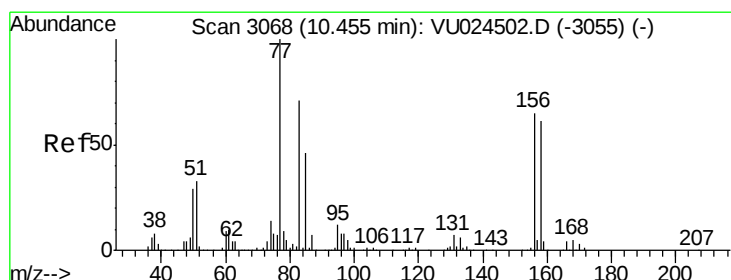
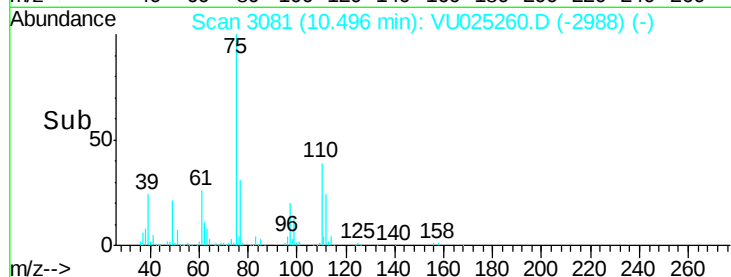
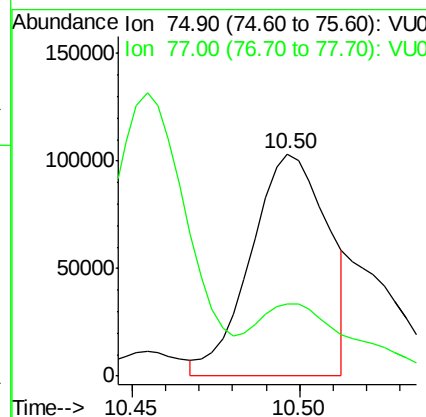
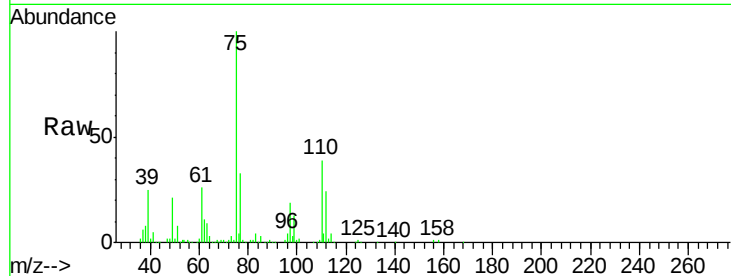
#76
 1,2,3-Trichloropropane
 Concen: 51.780 ug/l m
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MS

Tot Ion: 75 Resp: 164497
 Ion Ratio Lower Upper
 75 100
 77 43.4 20.9 62.7

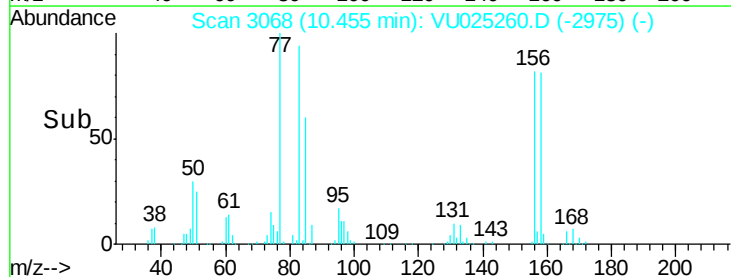
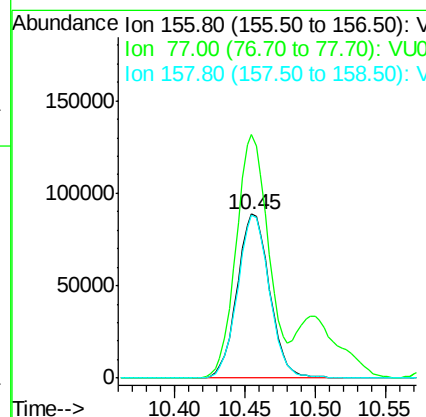
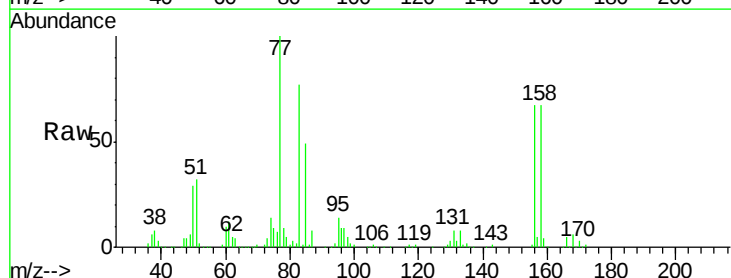
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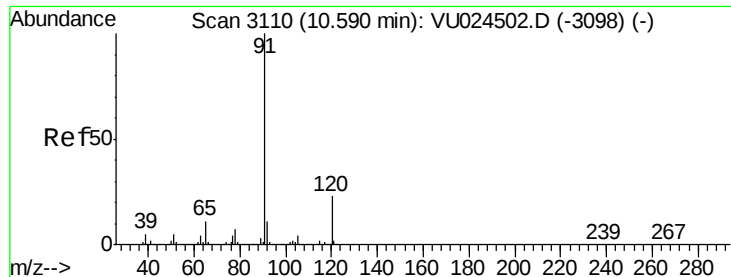
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 7/9/2018 12:58:02 PM



#77
 Bromobenzene
 Concen: 51.064 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion: 156 Resp: 143217
 Ion Ratio Lower Upper
 156 100
 77 148.0 80.5 241.3
 158 98.0 48.2 144.6





#78

n-propylbenzene

Concen: 47.334 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628MS

Tot Ion: 91 Resp: 617716

Ion Ratio Lower Upper

91 100

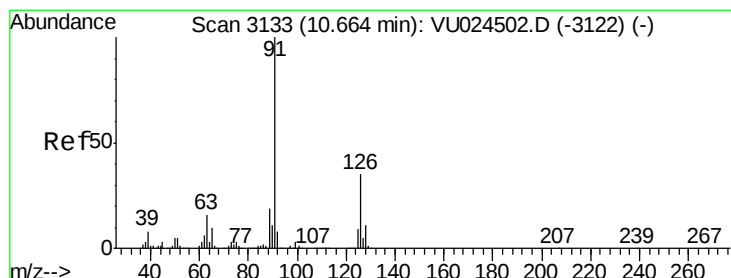
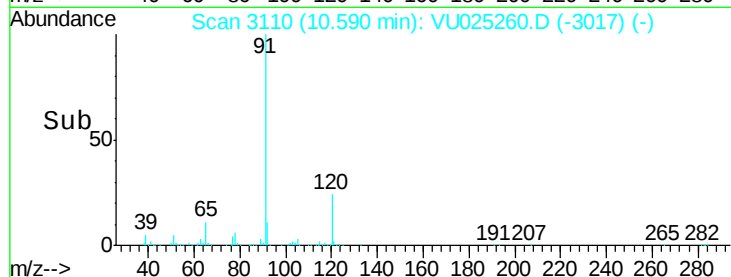
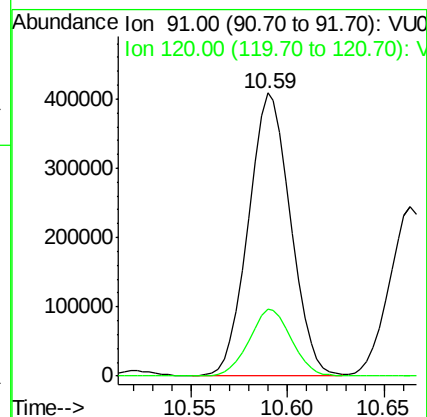
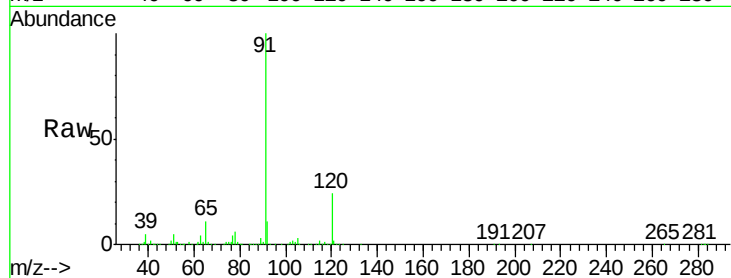
120 23.7 11.2 33.5

Manual Integrations

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#79

2-Chlorotoluene

Concen: 49.258 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU025260.D

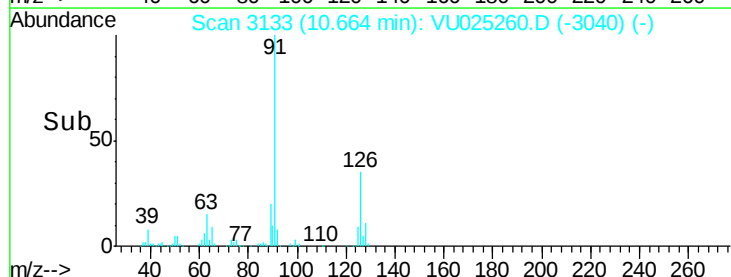
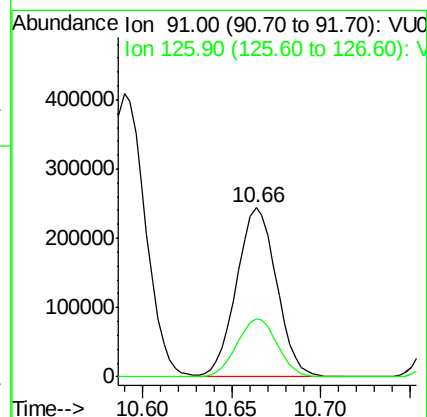
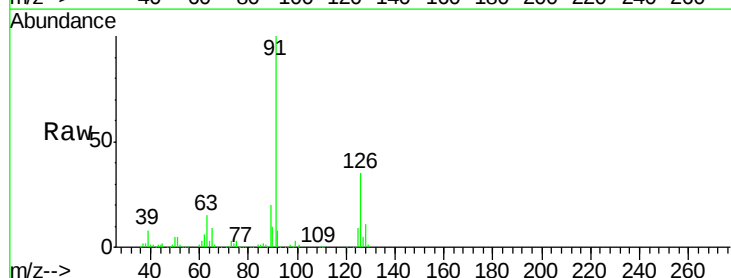
Acq: 06 Jul 2018 23:20

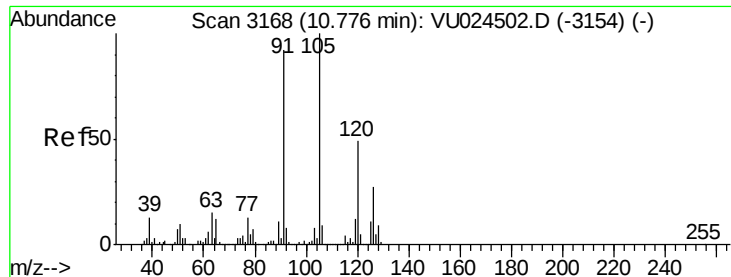
Tgt Ion: 91 Resp: 379089

Ion Ratio Lower Upper

91 100

126 35.3 16.9 50.7





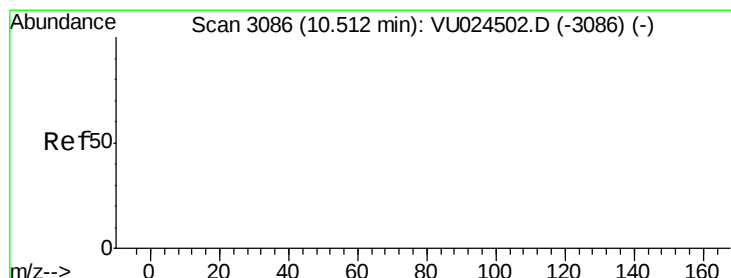
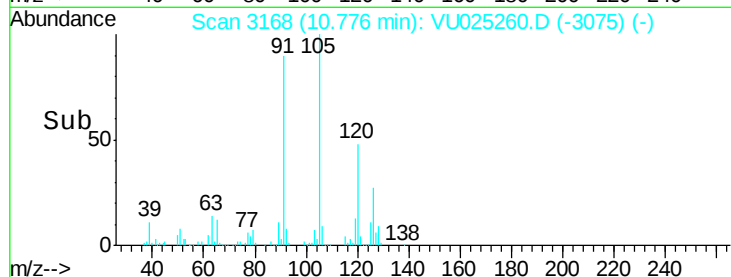
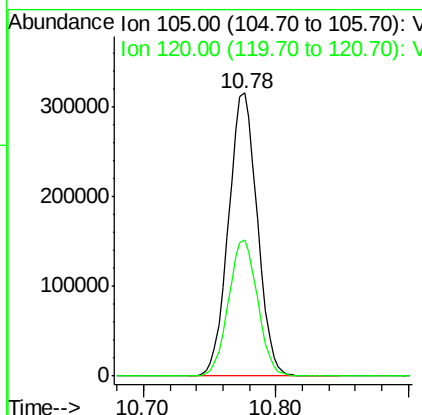
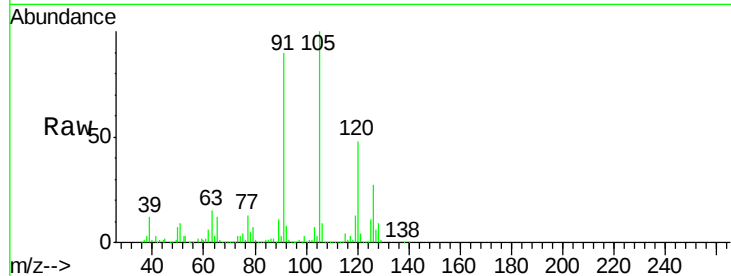
#80
 1,3,5-Trimethylbenzene
 Concen: 49.479 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.1	72.2

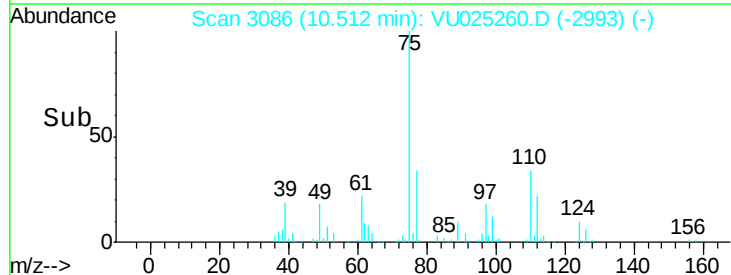
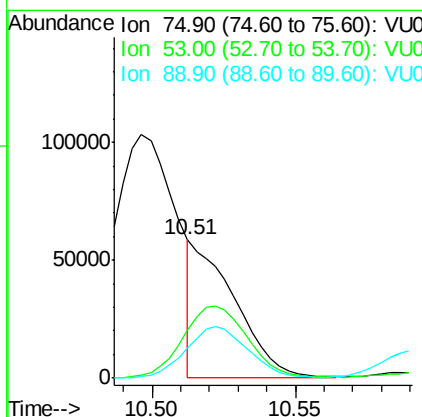
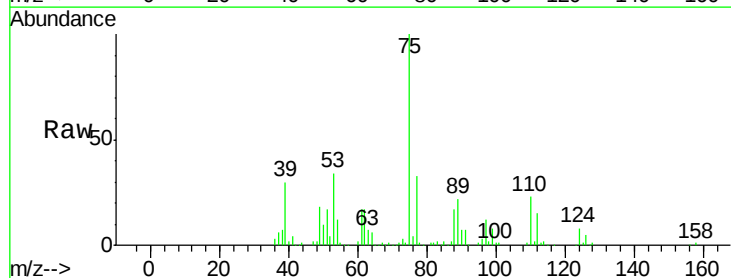
Manual Integrations
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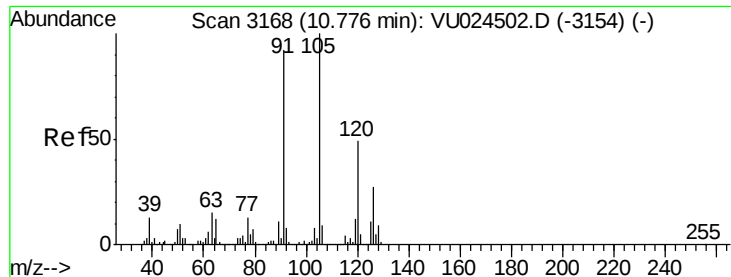
MMDadoda
 7/9/2018 12:58:02 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.525 ug/l m
 RT: 10.51 min Scan# 3086
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0





#82

4-Chlorotoluene

Concen: 48.274 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628MS

Tot Ion: 91 Resp: 432409

Ion Ratio Lower Upper

91 100

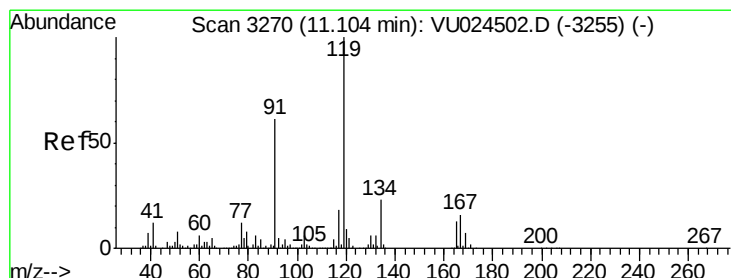
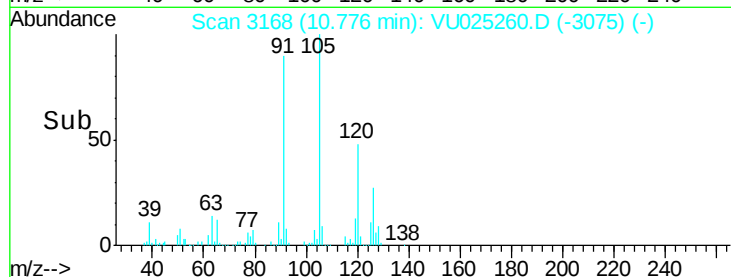
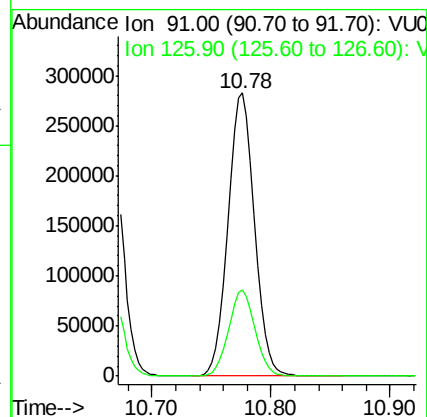
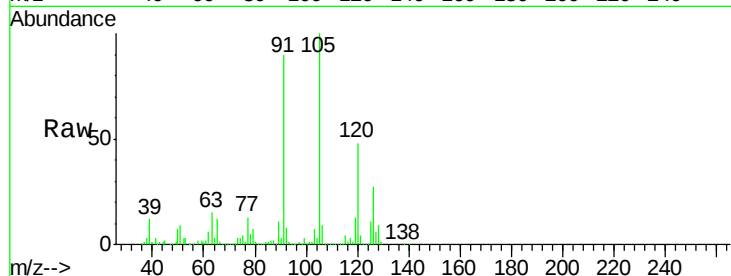
126 30.6 14.9 44.9

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#83

tert-Butylbenzene

Concen: 53.217 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

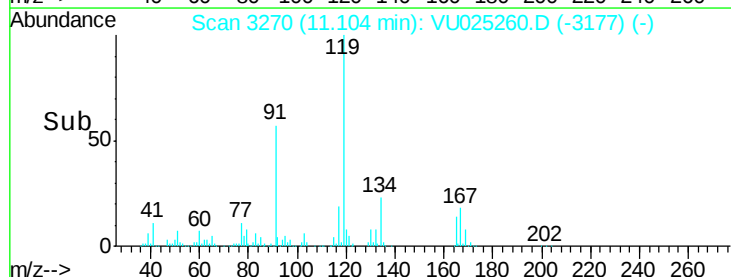
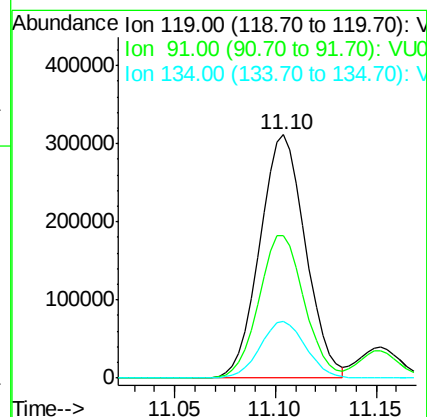
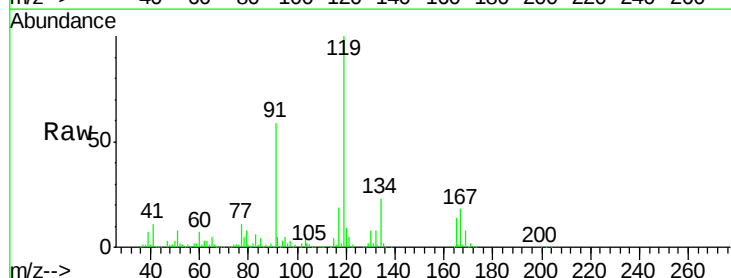
Tgt Ion: 119 Resp: 491542

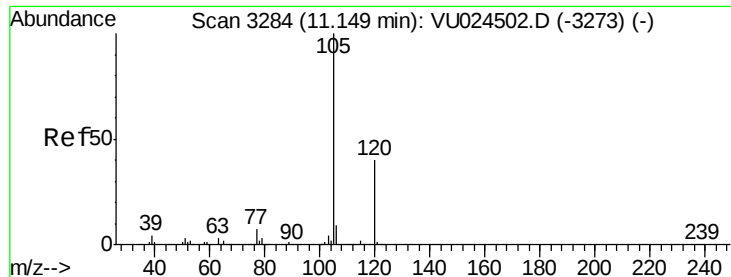
Ion Ratio Lower Upper

119 100

91 58.6 29.7 89.1

134 23.1 11.6 34.7





#84

1,2,4-Trimethylbenzene

Concen: 49.129 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628MS

Tot Ion:105 Resp: 480751

Ion Ratio Lower Upper

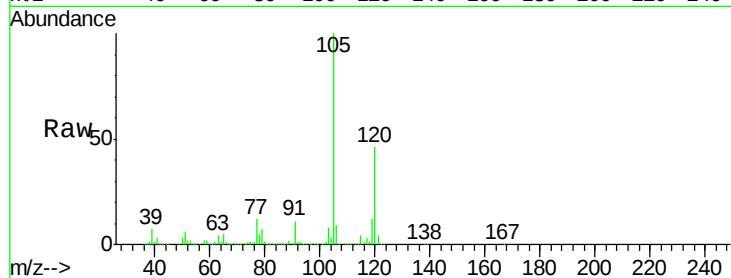
105 100

120 45.3 22.6 67.8

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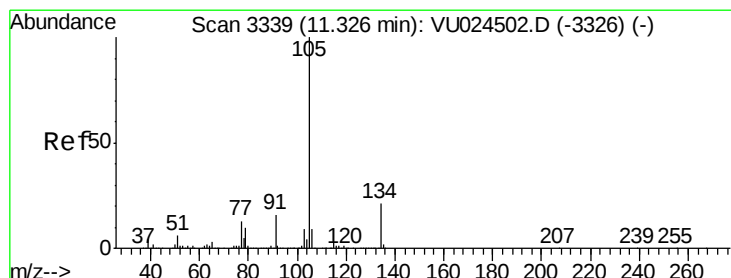
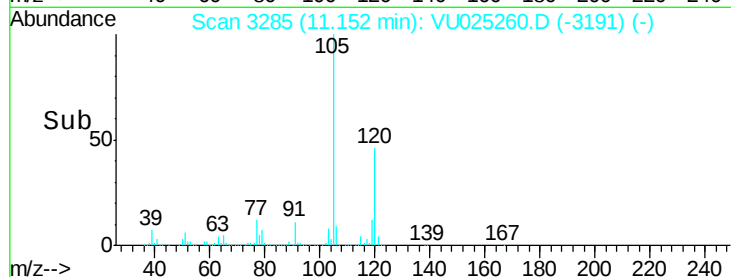
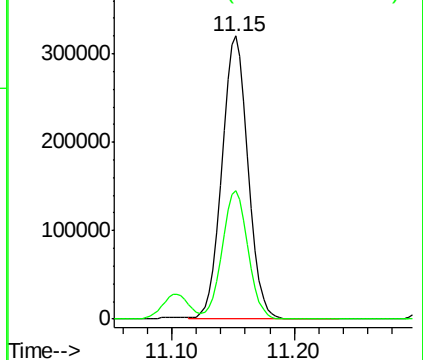
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 51.659 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU025260.D

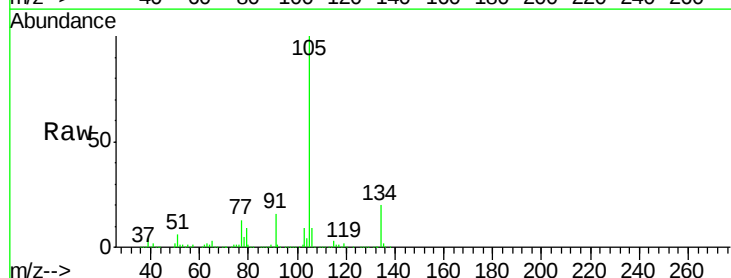
Acq: 06 Jul 2018 23:20

Tgt Ion:105 Resp: 597270

Ion Ratio Lower Upper

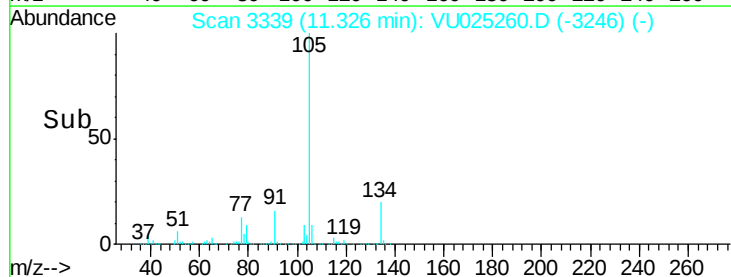
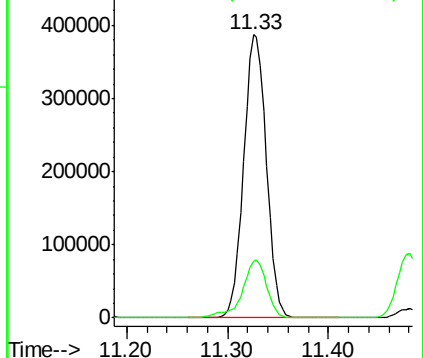
105 100

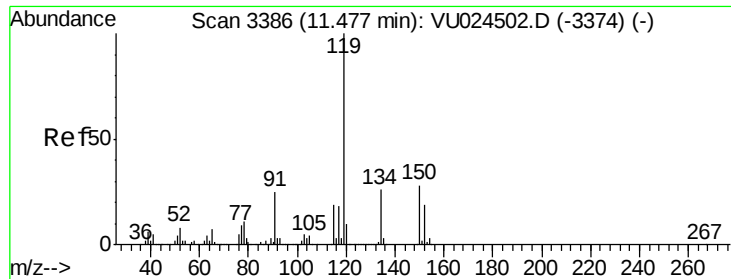
134 22.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





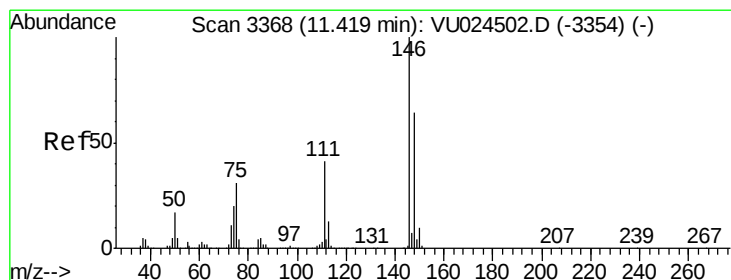
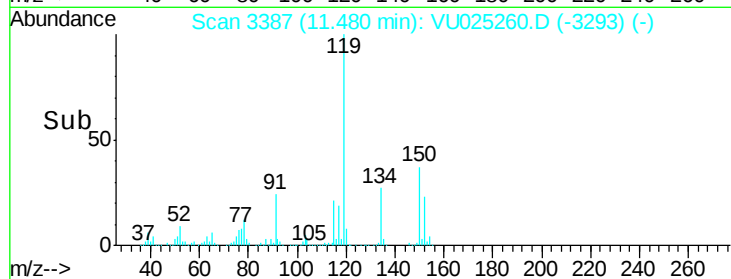
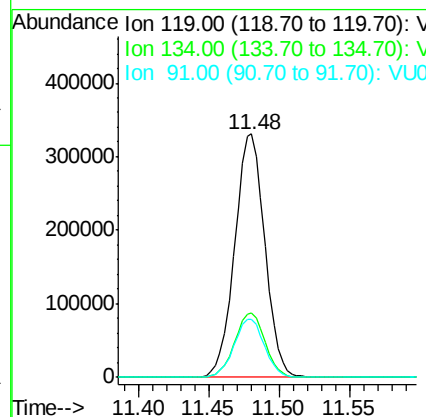
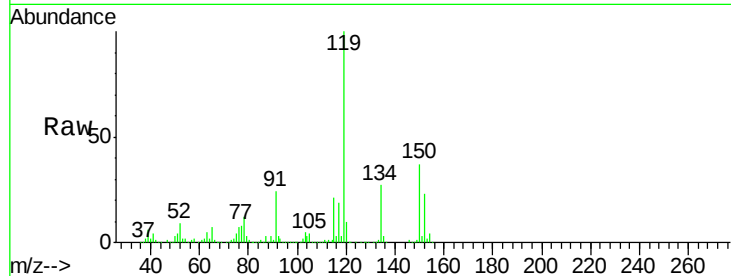
#86
 p-Isopropyltoluene
 Concen: 47.618 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	493075		
134	26.8		12.9	38.6
91	24.0		12.0	36.1

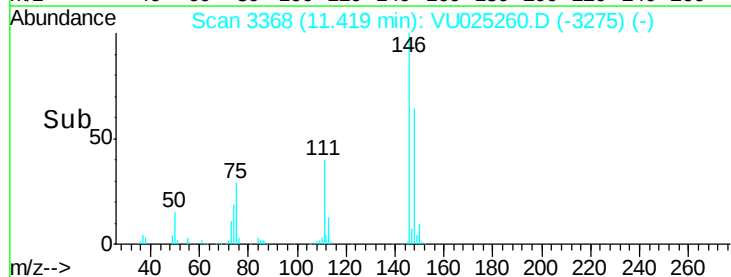
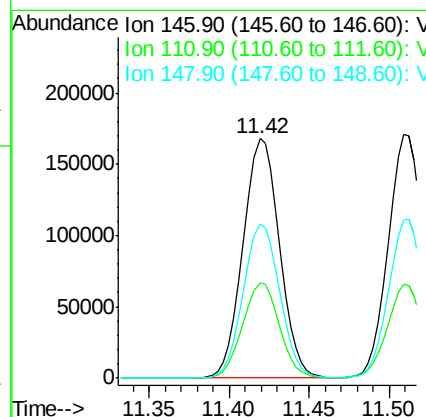
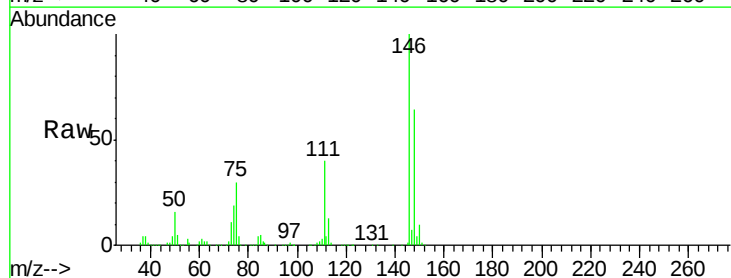
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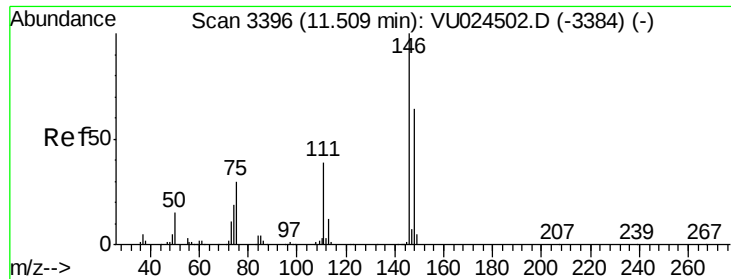
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#87
 1,3-Dichlorobenzene
 Concen: 50.297 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	260619		
111	40.2		20.0	60.0
148	64.6		32.1	96.5





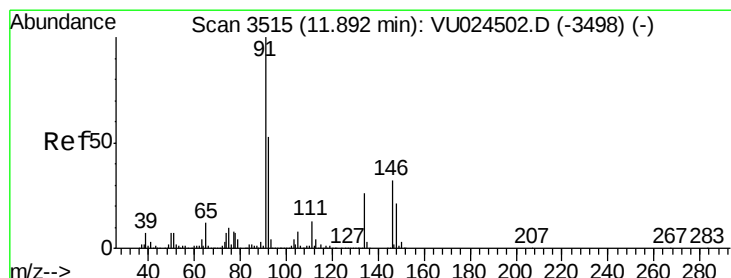
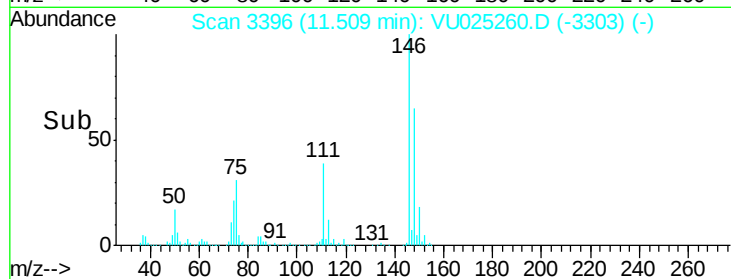
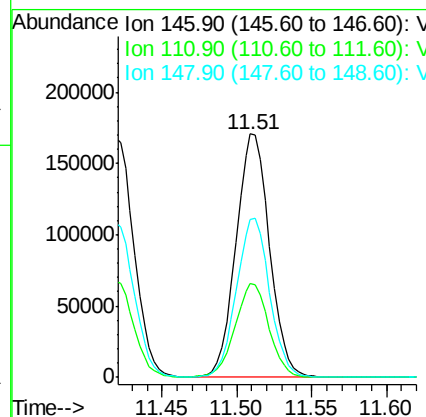
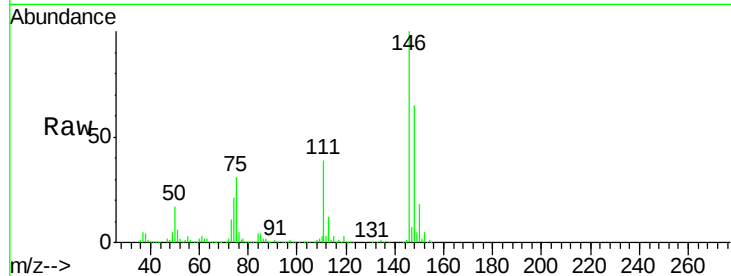
#88
 1,4-Dichlorobenzene
 Concen: 50.935 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.5	58.5
148	65.2	32.4	97.0

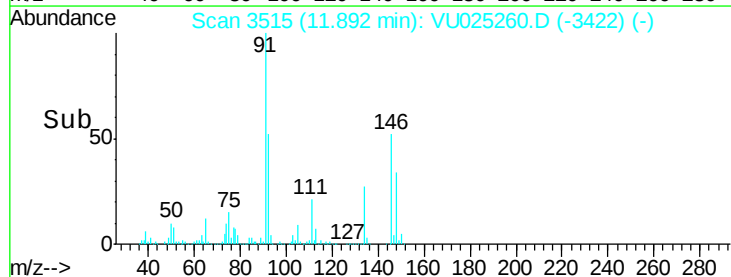
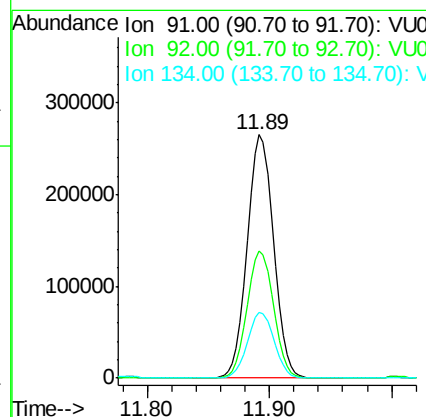
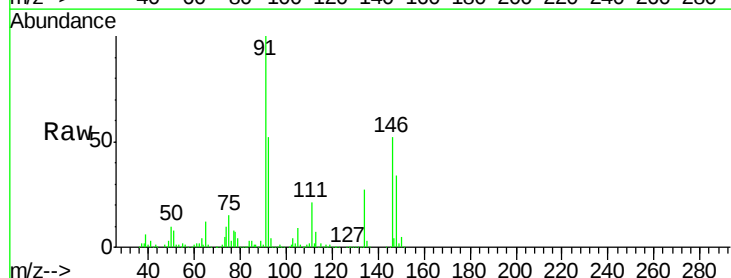
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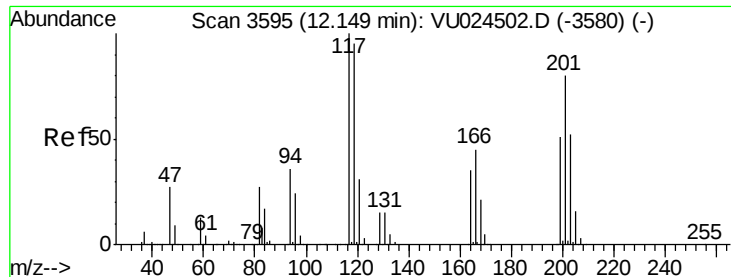
MMDadoda
 7/9/2018 12:58:02 PM



#89
 n-Butylbenzene
 Concen: 42.789 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	25.6	76.8
134	27.6	12.3	36.8





#90

Hexachloroethane

Concen: 43.034 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

ClientSampleId :

WP021MW470-180628MS

Tot Ion:117 Resp: 86928

Ion Ratio Lower Upper

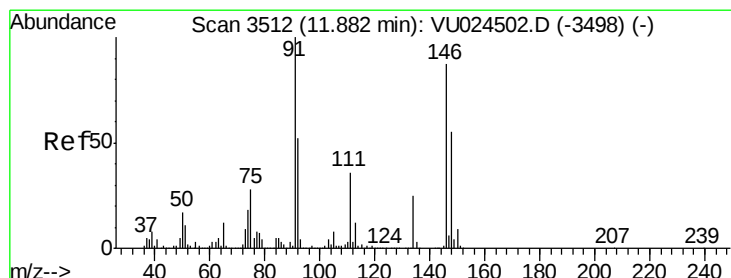
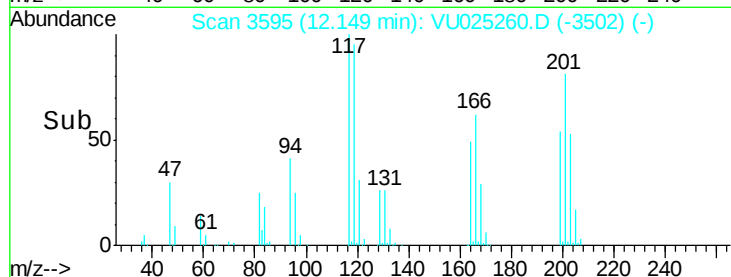
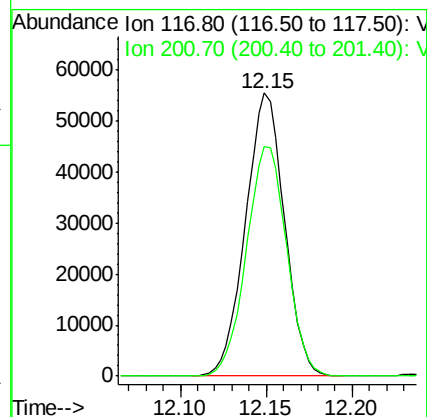
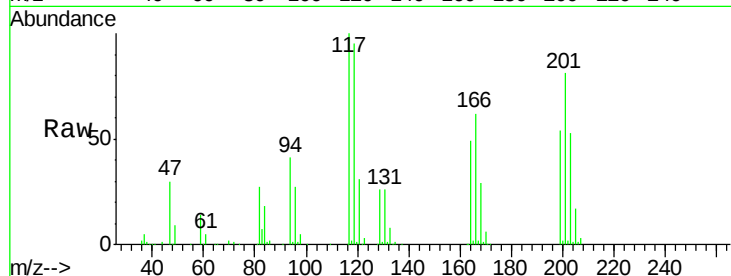
117 100

201 83.8 41.1 123.3

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#91

1,2-Dichlorobenzene

Concen: 62.778 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

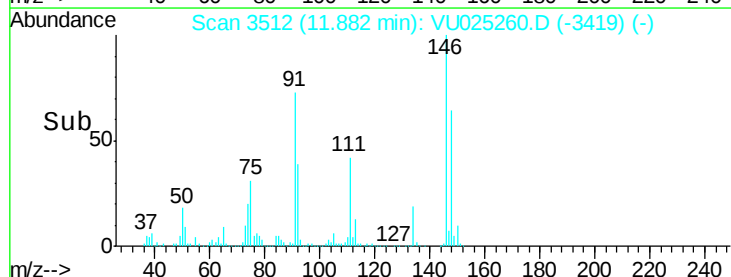
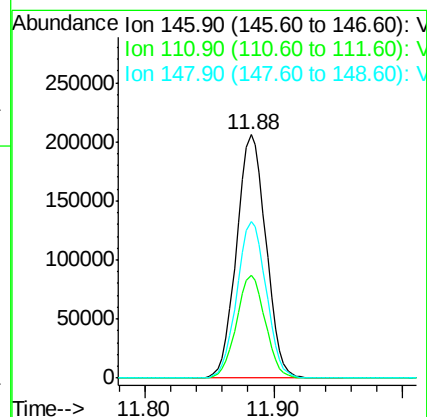
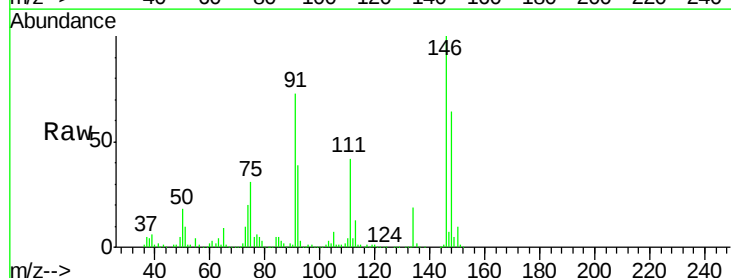
Tgt Ion:146 Resp: 325820

Ion Ratio Lower Upper

146 100

111 41.3 20.5 61.6

148 64.3 31.9 95.7





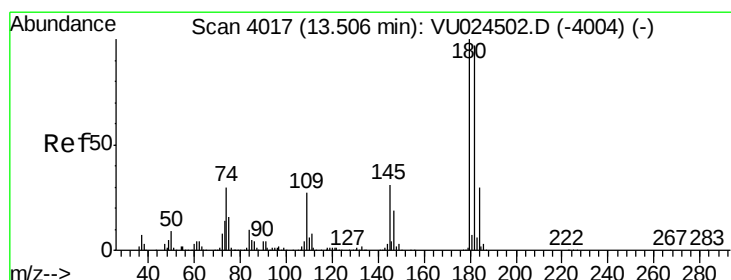
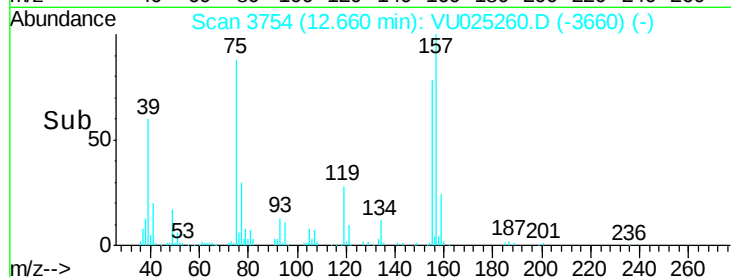
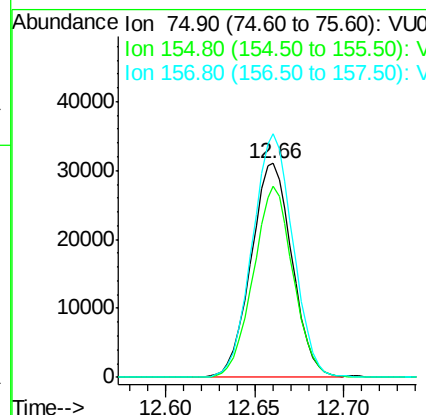
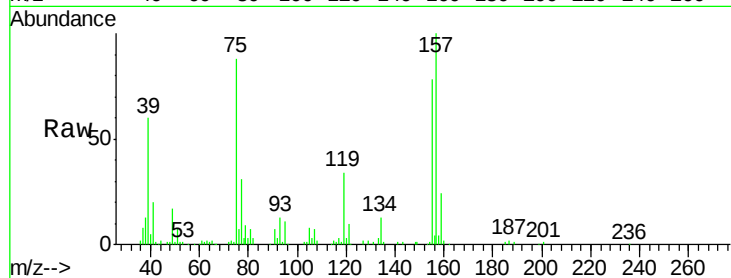
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.713 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	86.3	40.4	121.2
157	112.6	52.3	156.8

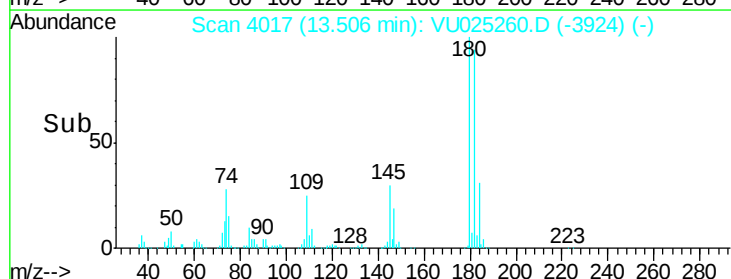
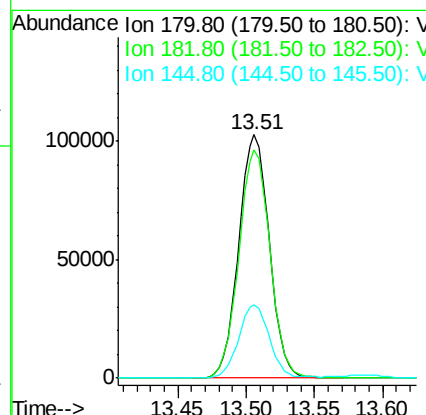
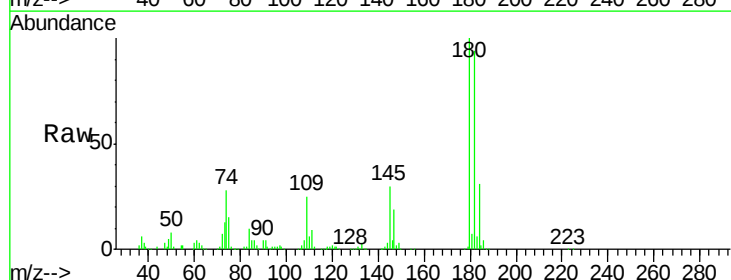
Manual Integrations
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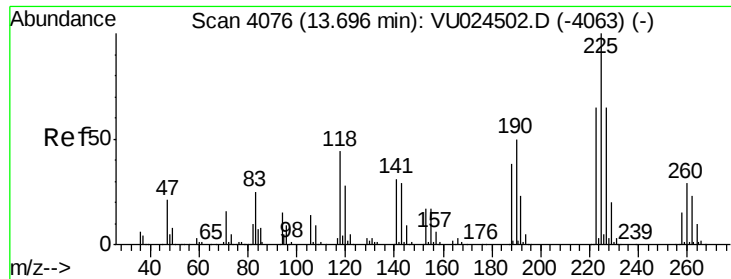
MMDadoda
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#93
 1,2,4-Trichlorobenzene
 Concen: 50.011 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.0	144.2
145	30.5	14.7	44.1





#94

Hexachlorobutadiene

Concen: 49.152 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. -0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_U

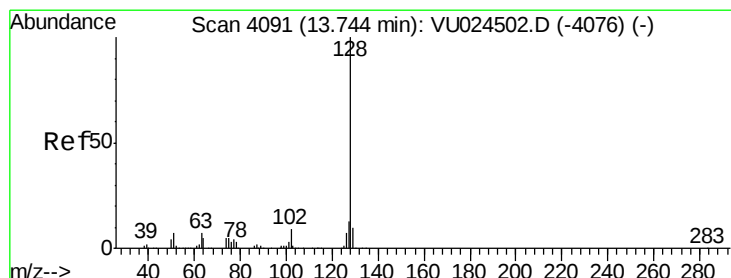
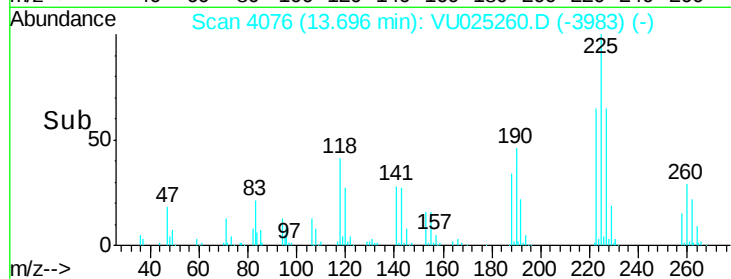
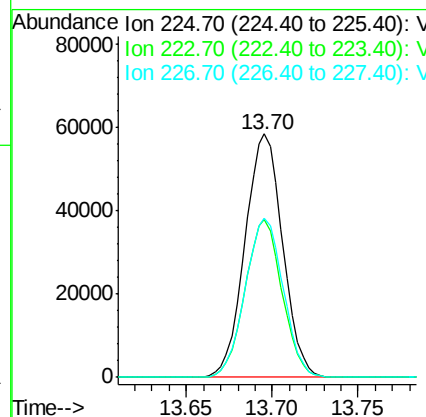
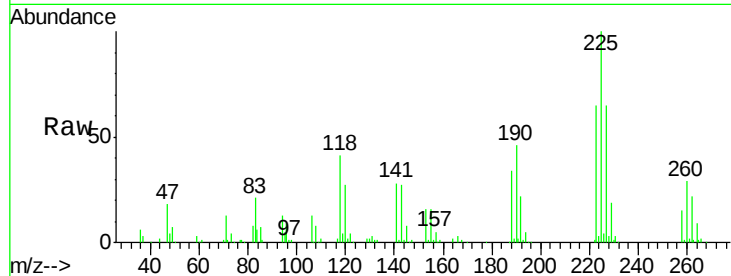
ClientSampleId :

WP021MW470-180628MS

Tot Ion:	225	Resp:	88666
Ion Ratio	Lower	Upper	
225	100		
223	63.6	31.3	93.8
227	65.9	31.8	95.4

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#95

Naphthalene

Concen: 50.860 ug/l

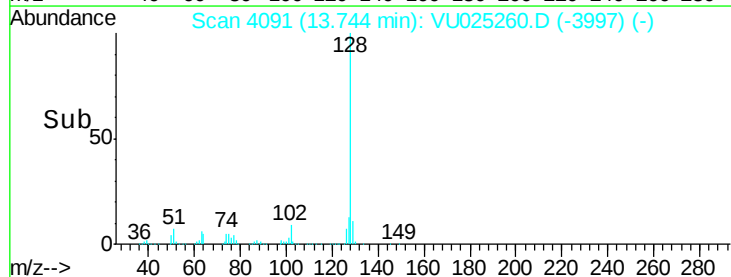
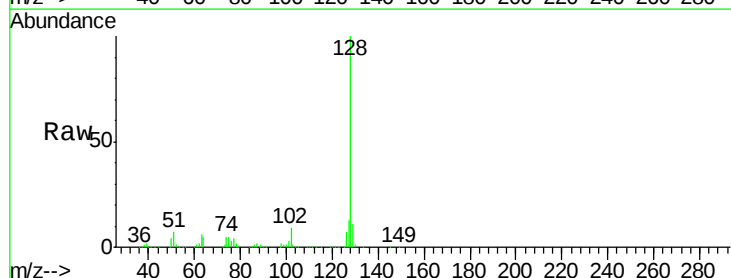
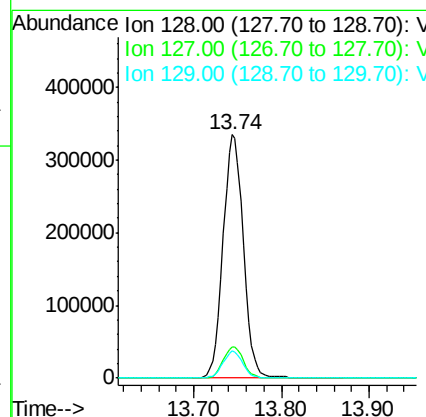
RT: 13.74 min Scan# 4091

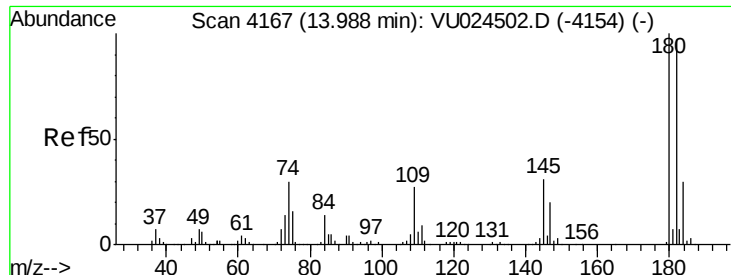
Delta R.T. 0.00 min

Lab File: VU025260.D

Acq: 06 Jul 2018 23:20

Tgt Ion:	128	Resp:	539756
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	11.0	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 54.250 ug/l
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU025260.D
 Acq: 06 Jul 2018 23:20

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.3	47.9	143.7
145	32.1	15.4	46.1

Manual Integrations
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