

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070518\
 Data File : VU025227.D
 Acq On : 05 Jul 2018 19:54
 Operator : MD/SY
 Sample : J3808-06MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MSD

Manual Integrations
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 7/6/2018 4:22:27 PM

Quant Time: Jul 06 07:09:04 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	154401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	243256	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	223352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	135204	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	124999	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	4.89	113	105025	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
50) Toluene-d8	7.57	98	325920	44.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.52%	
62) 4-Bromofluorobenzene	10.31	95	143917	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	85145	44.057	ug/l	99
3) Chloromethane	1.33	50	101190	51.250	ug/l	99
4) Vinyl Chloride	1.40	62	103013	50.590	ug/l	98
5) Bromomethane	1.62	94	59764	60.715	ug/l	100
6) Chloroethane	1.69	64	65003	57.283	ug/l	97
7) Trichlorofluoromethane	1.89	101	162276	52.221	ug/l	100
8) Diethyl Ether	2.10	74	65198	62.108	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.29	101	97743	50.701	ug/l	97
10) Methyl Iodide	2.41	142	110652	65.936	ug/l	98
11) Tert butyl alcohol	2.82	59	175783	286.740	ug/l	100
12) 1,1-Dichloroethene	2.28	96	91749	52.187	ug/l	97
13) Acrolein	2.19	56	97791	303.771	ug/l	98
14) Allyl chloride	2.59	41	155968	47.780	ug/l	99
15) Acrylonitrile	2.93	53	344619	288.931	ug/l	99
16) Acetone	2.32	43	336577	248.519	ug/l	96
17) Carbon Disulfide	2.48	76	249936	44.398	ug/l	100
18) Methyl Acetate	2.62	43	204558	70.454	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	379465	57.420	ug/l	95
20) Methylene Chloride	2.70	84	113386	53.357	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	104175	53.800	ug/l	97
22) Diisopropyl ether	3.57	45	362038	55.948	ug/l	99
23) Vinyl Acetate	3.53	43	1472686	254.058	ug/l	99
24) 1,1-Dichloroethane	3.45	63	206542	55.484	ug/l	100
25) 2-Butanone	4.26	43	514093	282.597	ug/l	96
26) 2,2-Dichloropropane	4.23	77	141614	40.063	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	140431	63.083	ug/l	97
28) Bromochloromethane	4.55	49	89222	54.415	ug/l	83
29) Tetrahydrofuran	4.64	42	324540	288.082	ug/l	97
30) Chloroform	4.68	83	219903	58.363	ug/l	99
31) Cyclohexane	5.00	56	171972	52.105	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	194465	55.813	ug/l	97
36) 1,1-Dichloropropene	5.14	75	149039	52.140	ug/l	96
37) Ethyl Acetate	4.38	43	176557	56.670	ug/l	97
38) Carbon Tetrachloride	5.14	117	174364	55.471	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	177303	49.705	ug/l	96
40) Benzene	5.39	78	448298	55.040	ug/l	100
41) Methacrylonitrile	4.54	41	104029	61.931	ug/l	99
42) 1,2-Dichloroethane	5.41	62	186964	60.269	ug/l	99
43) Isopropyl Acetate	5.55	43	288366	53.547	ug/l	99
44) Trichloroethene	6.19	130	141192	60.910	ug/l	93
45) 1,2-Dichloropropane	6.44	63	121734	56.014	ug/l	99
46) Dibromomethane	6.56	93	88576	58.024	ug/l	95
47) Bromodichloromethane	6.76	83	166827	54.881	ug/l	97
48) Methyl methacrylate	6.63	41	153840	58.666	ug/l	98
49) 1,4-Dioxane	6.61	88	67005	1306.583	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	983329	290.641	ug/l	98
52) Toluene	7.64	92	288471	55.050	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	176139	51.598	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	184994	50.858	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	123027	57.757	ug/l	97
56) Ethyl methacrylate	8.02	69	192963	54.124	ug/l	100
57) 1,3-Dichloropropane	8.25	76	206145	57.370	ug/l	99
59) 2-Hexanone	8.36	43	781213	282.828	ug/l	99
60) Dibromochloromethane	8.48	129	139671	52.583	ug/l	100
61) 1,2-Dibromoethane	8.59	107	134905	56.902	ug/l	99
64) Tetrachloroethene	8.23	164	104885	49.403	ug/l	99
65) Chlorobenzene	9.12	112	350287	61.391	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	126584	58.394	ug/l	97
67) Ethyl Benzene	9.25	91	562928	56.277	ug/l	97
68) m/p-Xylenes	9.38	106	442421	115.182	ug/l	96
69) o-Xylene	9.78	106	221383	58.238	ug/l	95
70) Styrene	9.80	104	347841	55.682	ug/l	99
71) Bromoform	9.96	173	109331	53.062	ug/l #	99
73) Isopropylbenzene	10.17	105	601720	57.967	ug/l	99
74) N-amyl acetate	10.01	43	255439	51.735	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	209654	60.271	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	186001m	62.486	ug/l	
77) Bromobenzene	10.45	156	154175	58.668	ug/l	94
78) n-propylbenzene	10.59	91	679704	55.586	ug/l	97
79) 2-Chlorotoluene	10.66	91	404216	56.055	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	499131	55.477	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	64431m	50.096	ug/l	
82) 4-Chlorotoluene	10.78	91	457945	54.563	ug/l	98
83) tert-Butylbenzene	11.10	119	569758	65.833	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	514720	56.137	ug/l	100
85) sec-Butylbenzene	11.33	105	692709	63.943	ug/l	96
86) p-Isopropyltoluene	11.48	119	527933	54.413	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	272609	56.149	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	273829	56.035	ug/l	99
89) n-Butylbenzene	11.89	91	443605	51.498	ug/l	97
90) Hexachloroethane	12.15	117	95392	50.400	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	283738	58.346	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	56026	58.371	ug/l	95
93) 1,2,4-Trichlorobenzene	13.51	180	178178	59.333	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	95064	56.242	ug/l	100
95) Naphthalene	13.74	128	629531	63.142	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	192947	64.480	ug/l	99

(#) = 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: VU025227.D

Acq: 05 Jul 2018 19:54

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628MSD

Tot Ion:168 Resp: 154401

Ion Ratio Lower Upper

168 100

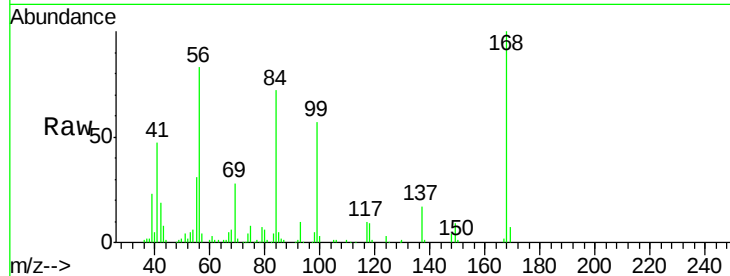
99 56.5 43.2 64.8

Manual Integrations

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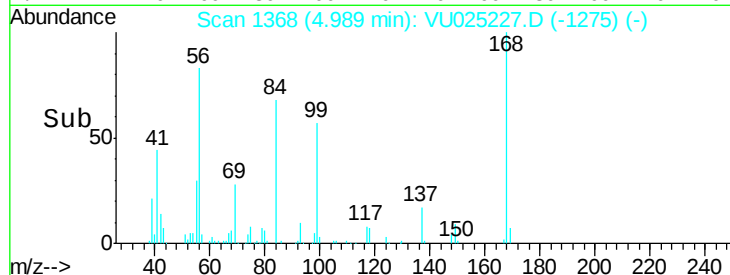
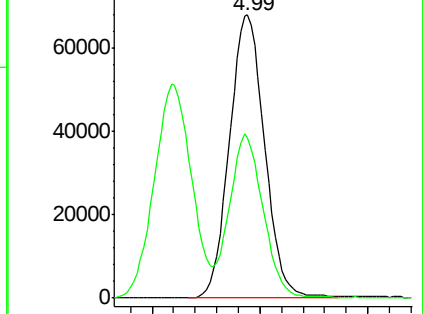
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 44.057 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025227.D

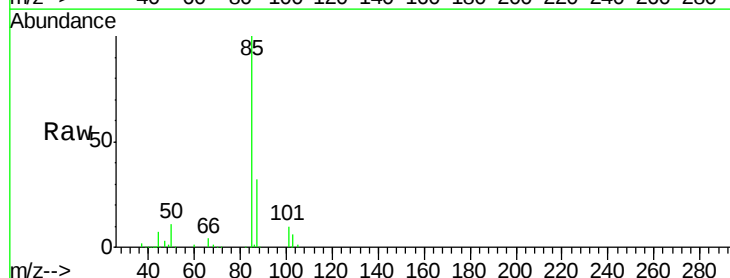
Acq: 05 Jul 2018 19:54

Tgt Ion: 85 Resp: 85145

Ion Ratio Lower Upper

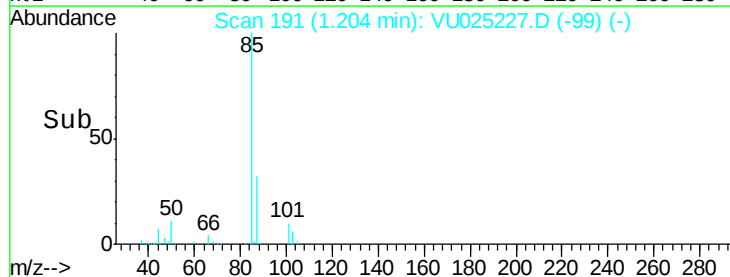
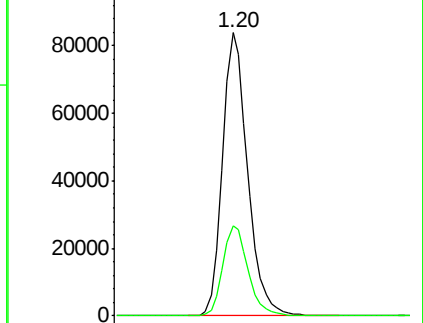
85 100

87 31.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 51.250 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628MSD

Tot Ion: 50 Resp: 101190

Ion Ratio Lower Upper

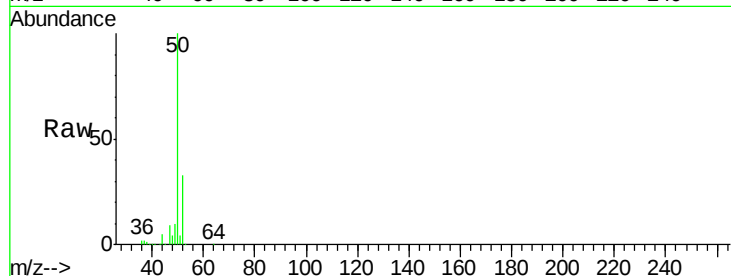
50 100

52 32.7 26.4 39.6

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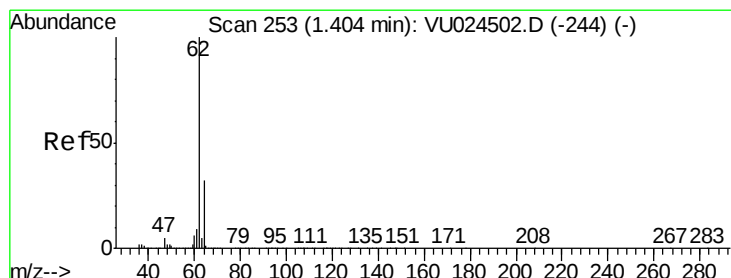
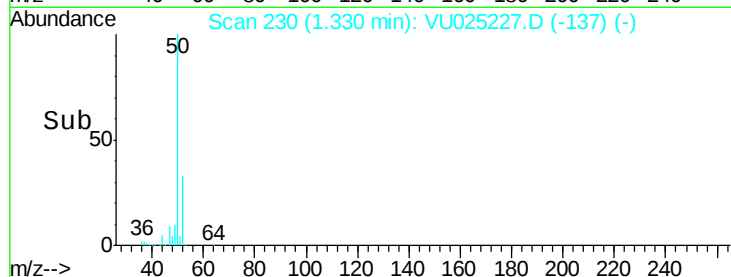
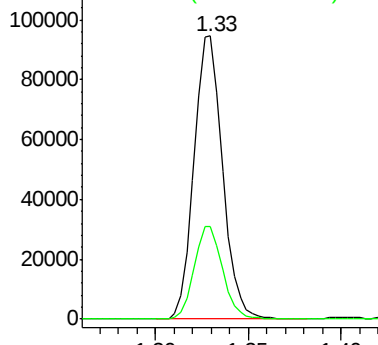
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 50.590 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025227.D

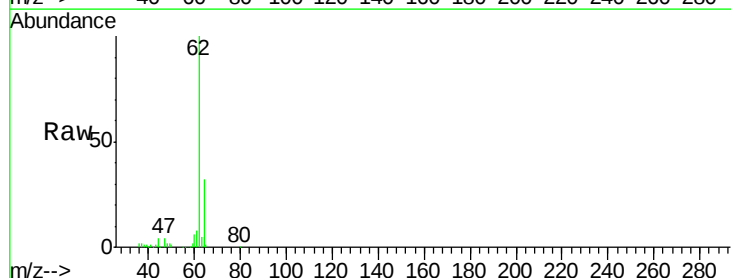
Acq: 05 Jul 2018 19:54

Tgt Ion: 62 Resp: 103013

Ion Ratio Lower Upper

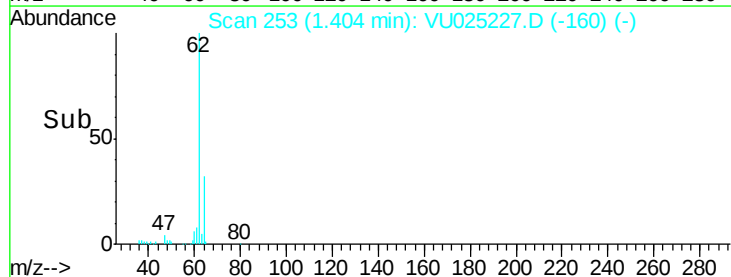
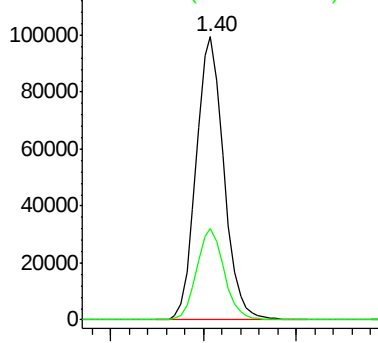
62 100

64 32.2 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 60.715 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628MSD

Tot Ion: 94 Resp: 59764

Ion Ratio Lower Upper

94 100

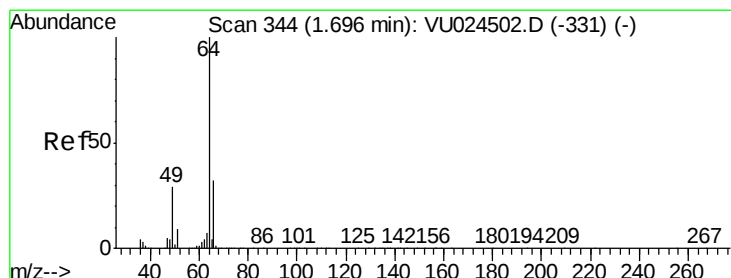
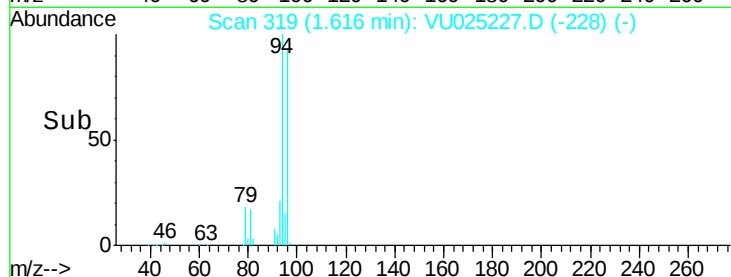
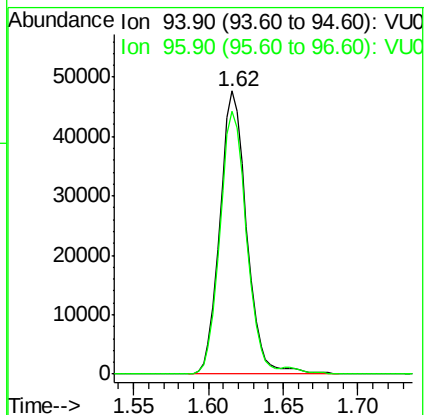
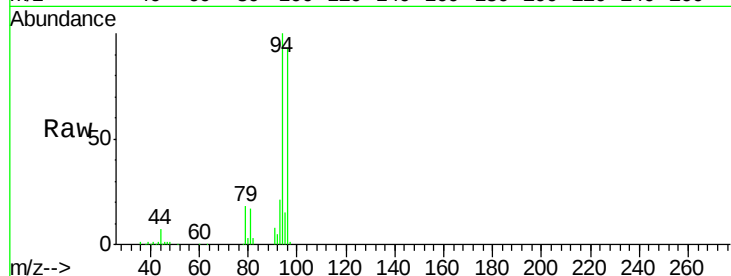
96 93.1 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 57.283 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU025227.D

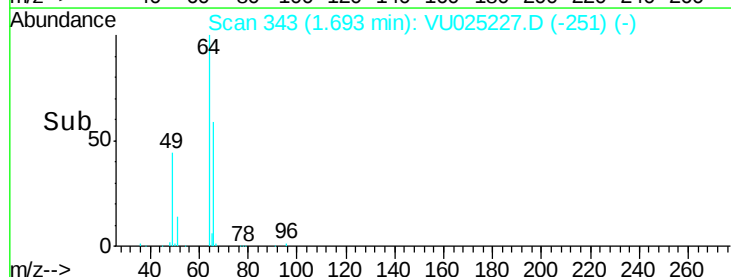
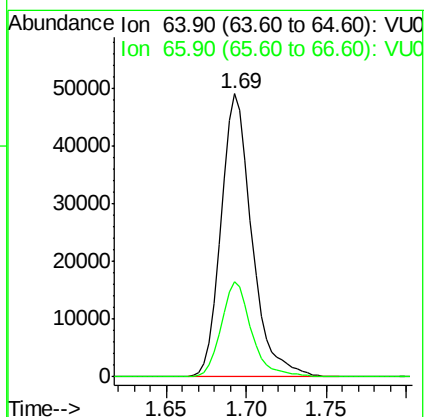
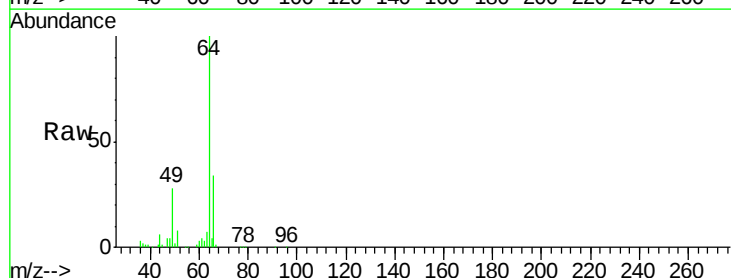
Acq: 05 Jul 2018 19:54

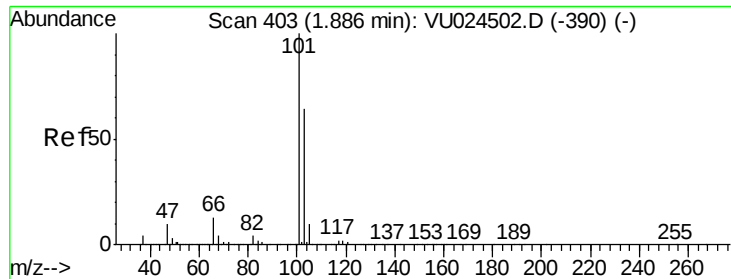
Tgt Ion: 64 Resp: 65003

Ion Ratio Lower Upper

64 100

66 33.6 25.5 38.3





#7

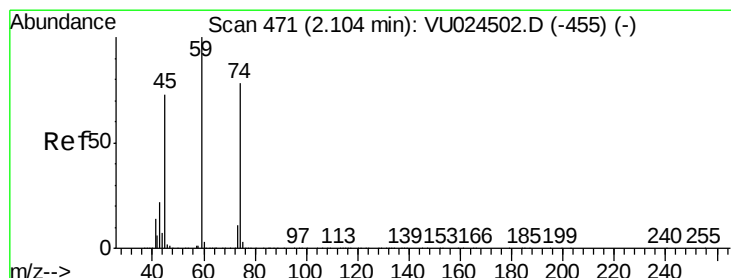
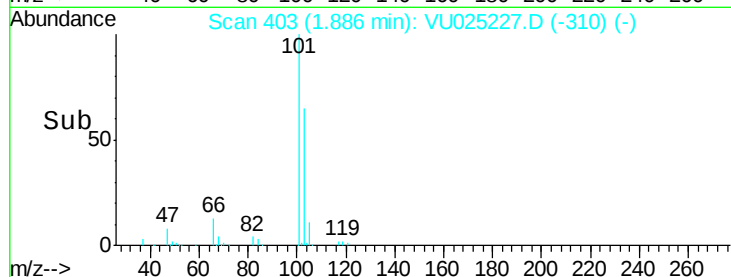
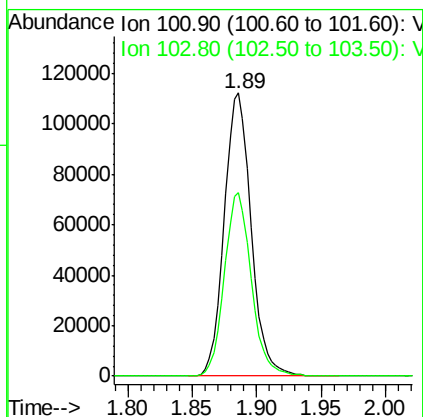
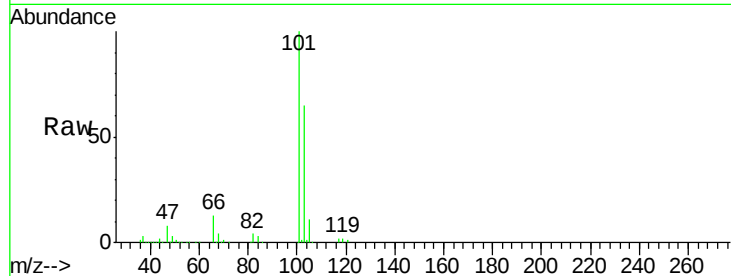
Trichlorofluoromethane
Concen: 52.221 ug/l
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU025227.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.3	78.5

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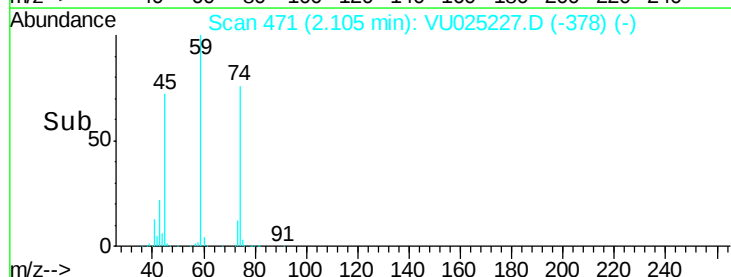
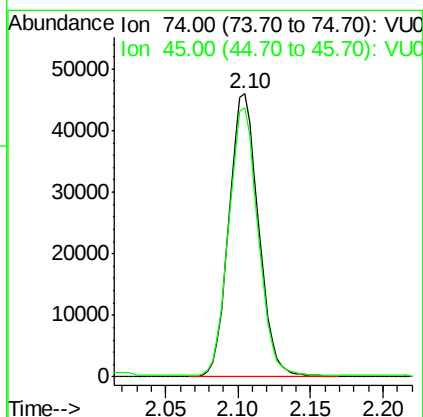
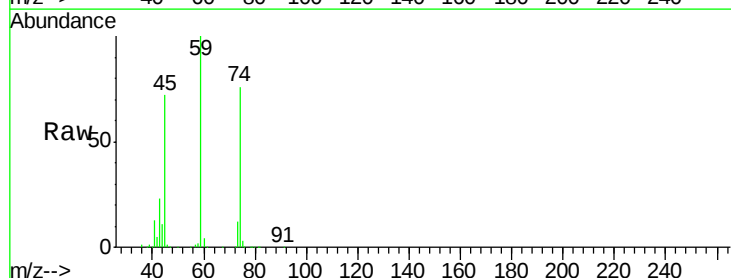
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#8

Diethyl Ether
Concen: 62.108 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.1	55.0	165.0





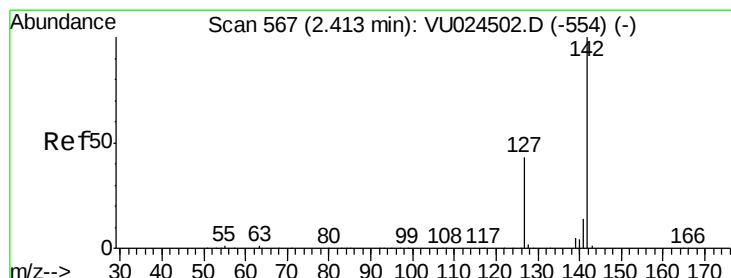
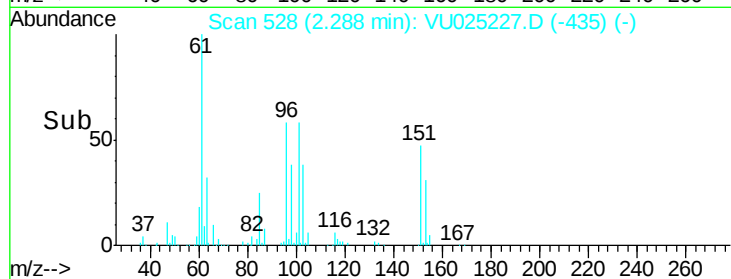
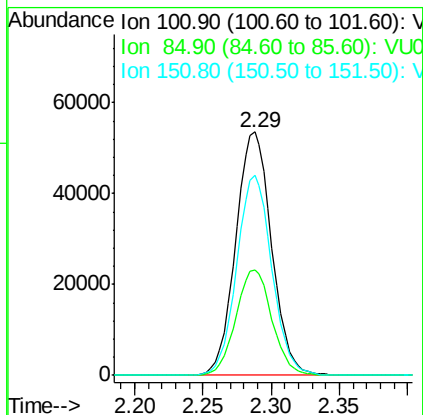
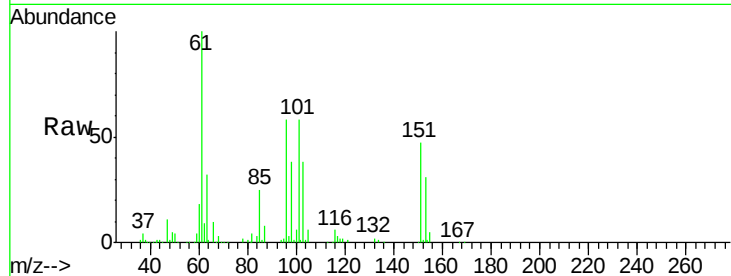
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.701 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU025227.D
 Acq: 05 Jul 2018 19:54

Instrument :
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 WP021MW472-180628MSD

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

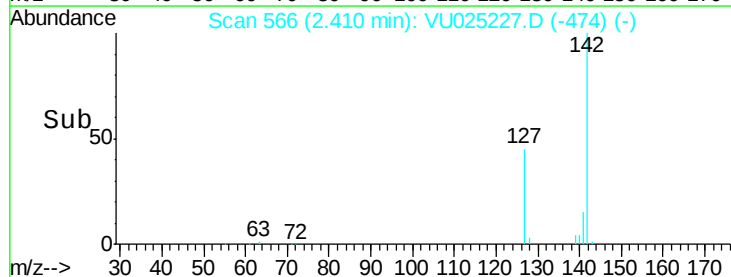
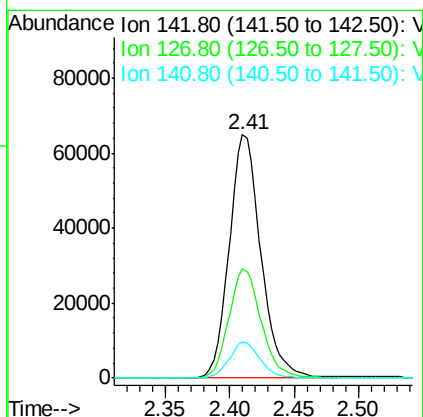
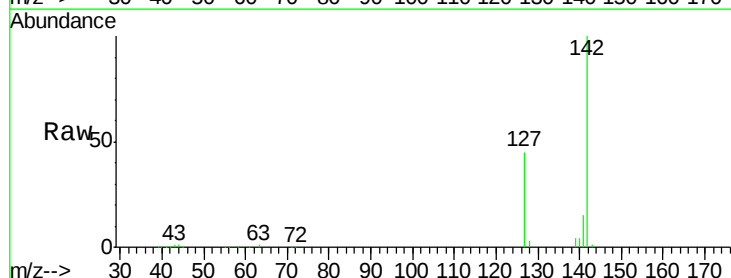
Manual Integrations
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#10
 Methyl Iodide
 Concen: 65.936 ug/l
 RT: 2.41 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VU025227.D
 Acq: 05 Jul 2018 19:54

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.0	35.6	53.4
141	14.5	11.7	17.5





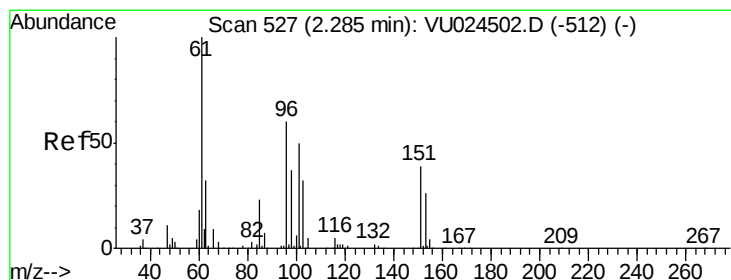
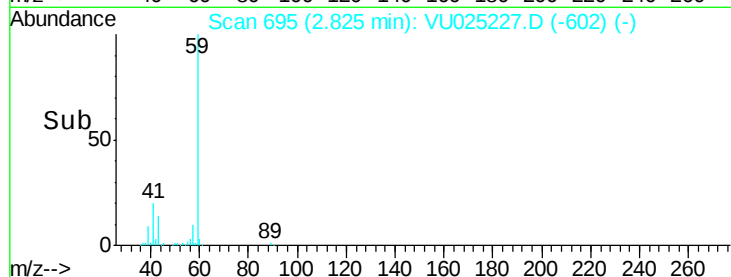
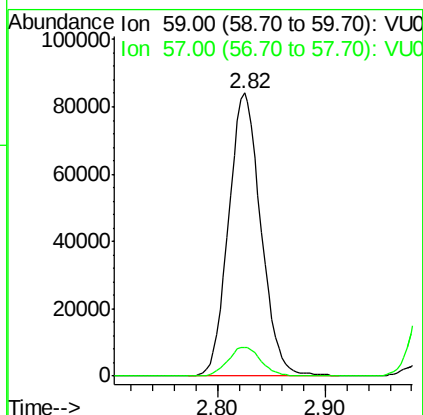
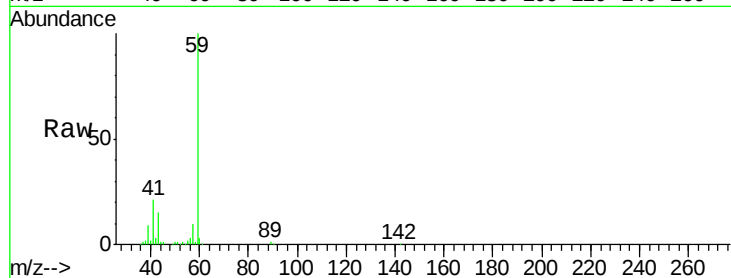
#11
Tert butyl alcohol
Concen: 286.740 ug/l
RT: 2.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MSD

Tot Ion: 59 Resp: 175783
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

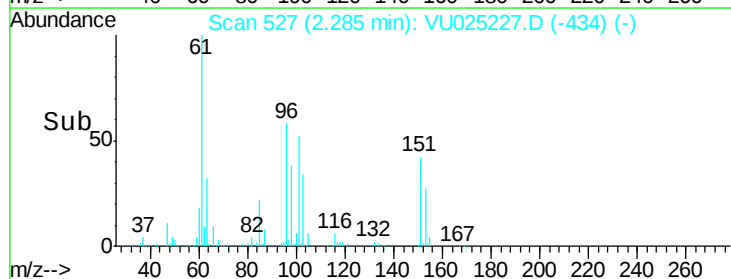
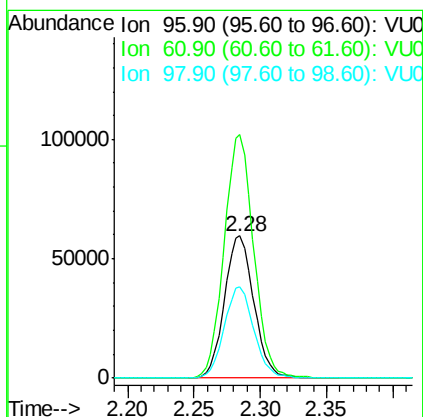
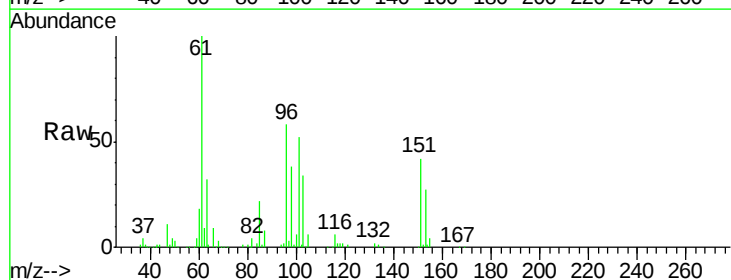
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 52.187 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Tgt Ion: 96 Resp: 91749
Ion Ratio Lower Upper
96 100
61 171.6 141.7 212.5
98 64.5 51.6 77.4





#13

Acrolein

Concen: 303.771 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628MSD

Tot Ion: 56 Resp: 97791

Ion Ratio Lower Upper

56 100

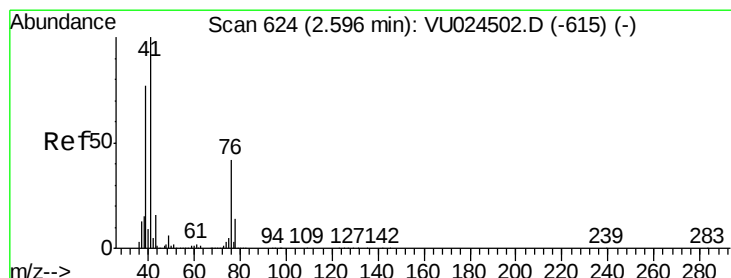
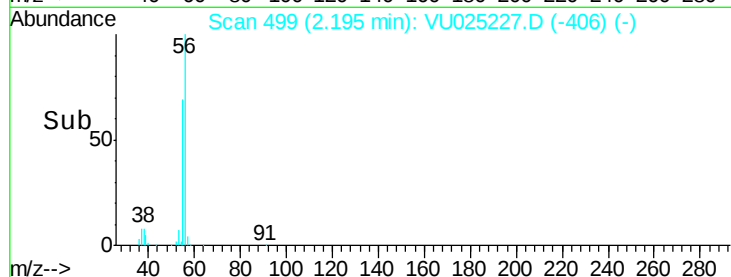
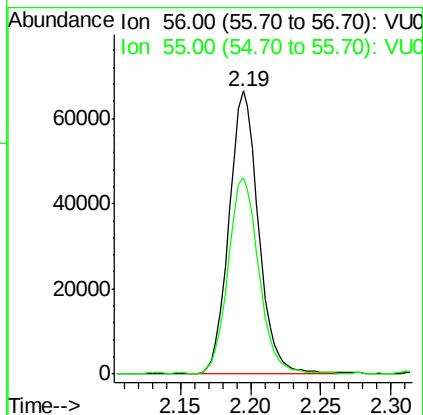
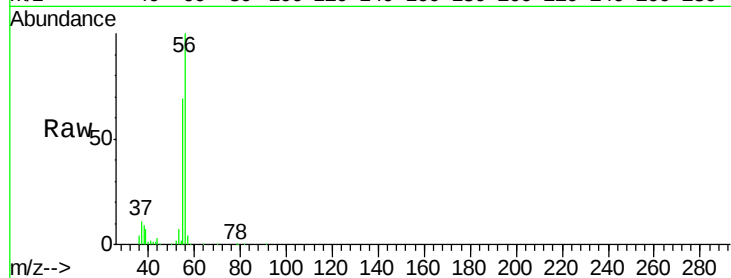
55 71.0 58.4 87.6

Manual Integrations

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#14

Allyl chloride

Concen: 47.780 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

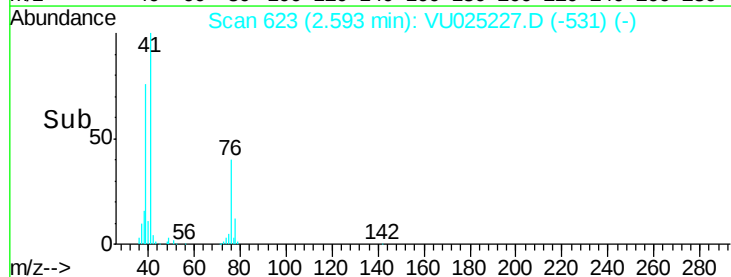
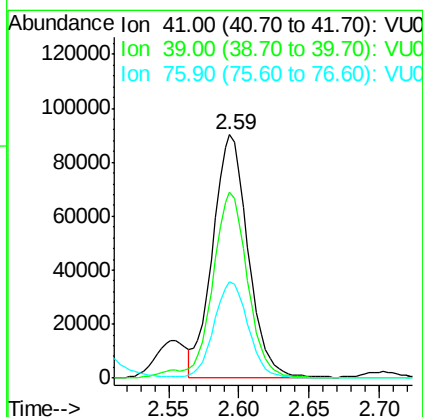
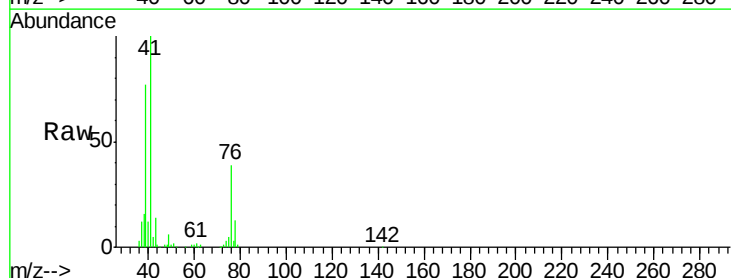
Tgt Ion: 41 Resp: 155968

Ion Ratio Lower Upper

41 100

39 77.3 61.6 92.4

76 38.6 29.7 44.5





#15

Acrylonitrile

Concen: 288.931 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Instrument :

MSVOA_U

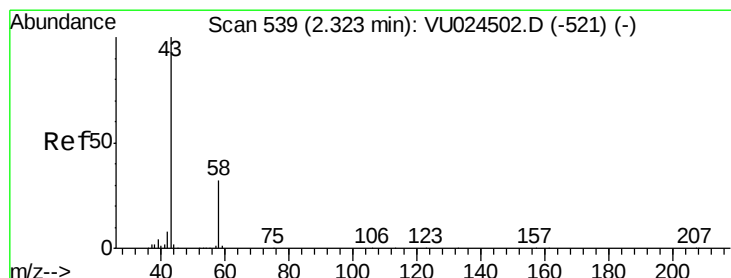
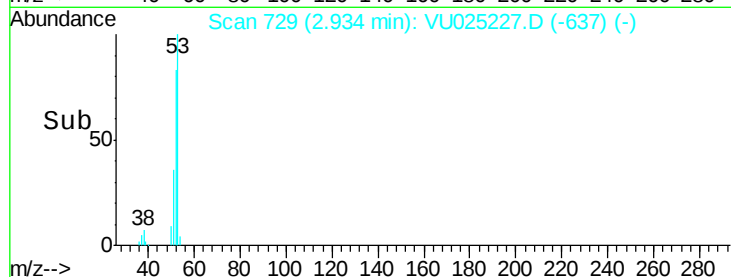
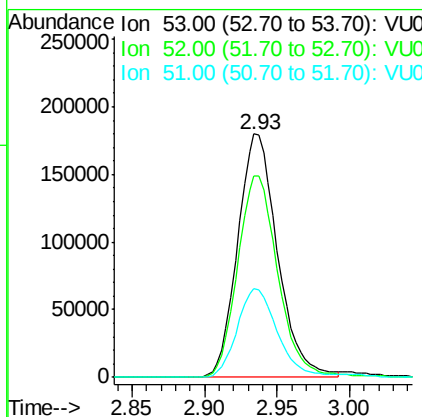
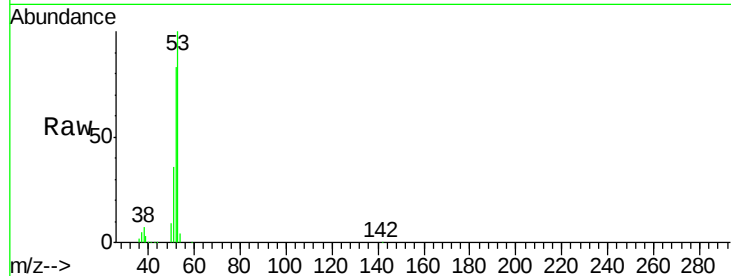
ClientSampleId :

WP021MW472-180628MSD

Tot Ion:	53	Resp:	344619
Ion	Ratio	Lower	Upper
53	100		
52	83.8	67.1	100.7
51	36.5	28.4	42.6

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#16

Acetone

Concen: 248.519 ug/l

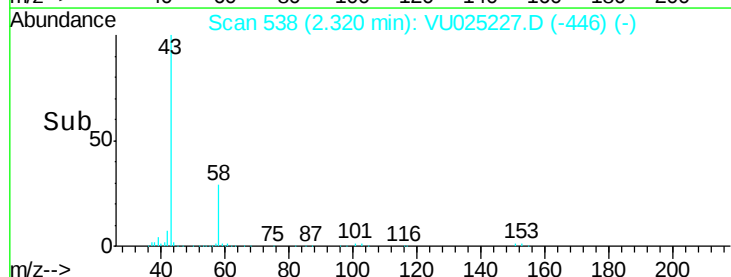
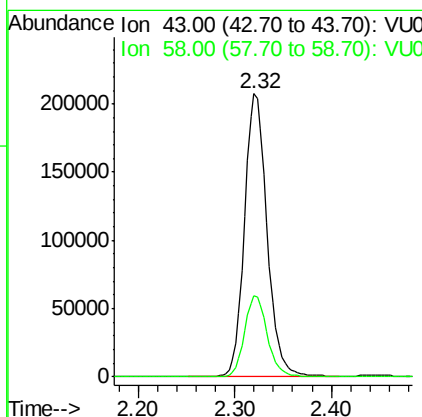
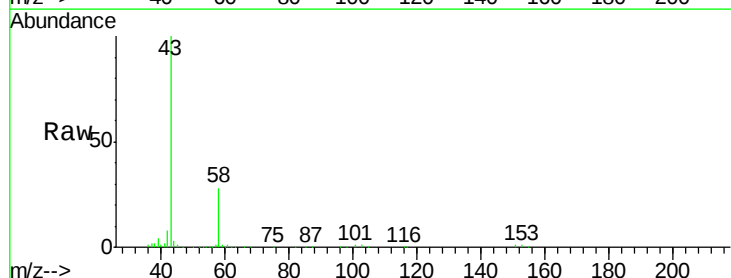
RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Tgt Ion:	43	Resp:	336577
Ion	Ratio	Lower	Upper
43	100		
58	28.5	24.4	36.6





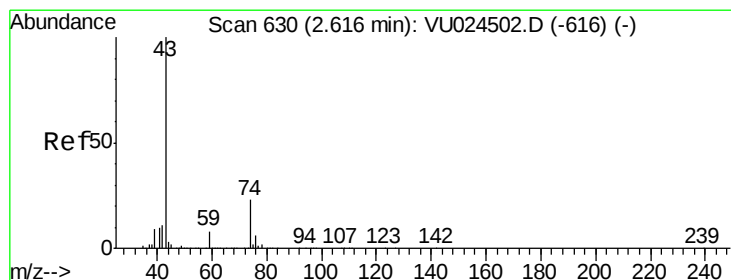
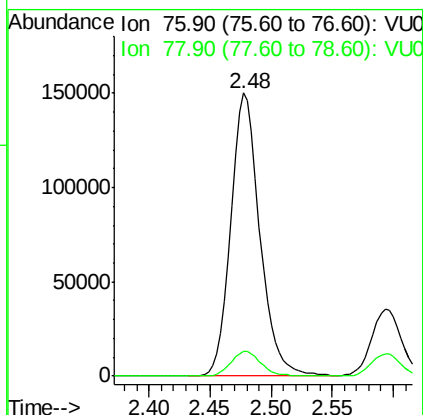
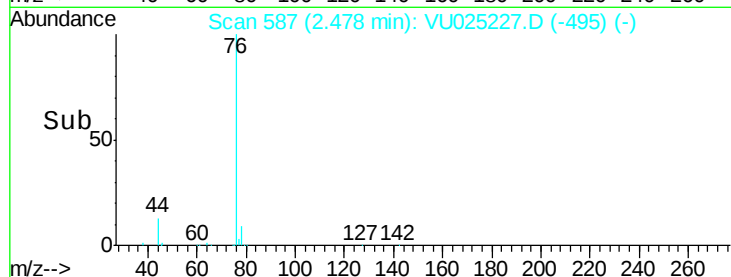
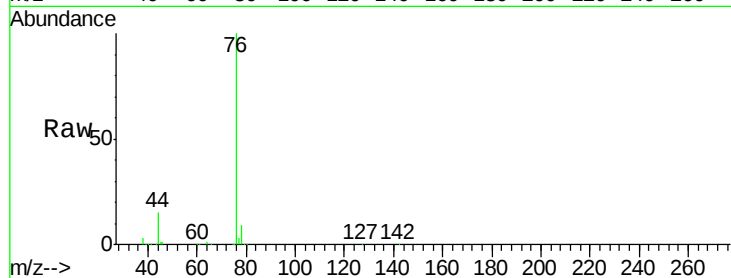
#17
Carbon Disulfide
Concen: 44.398 ug/l
RT: 2.48 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

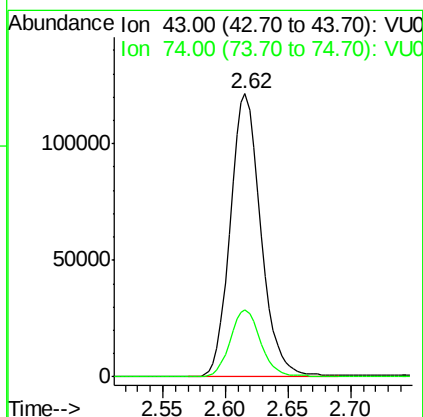
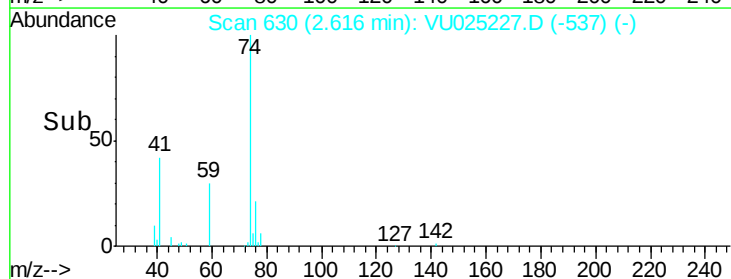
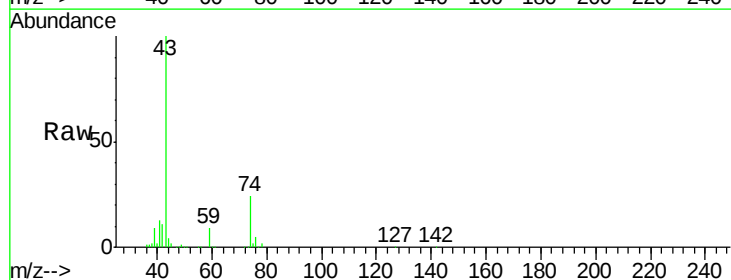
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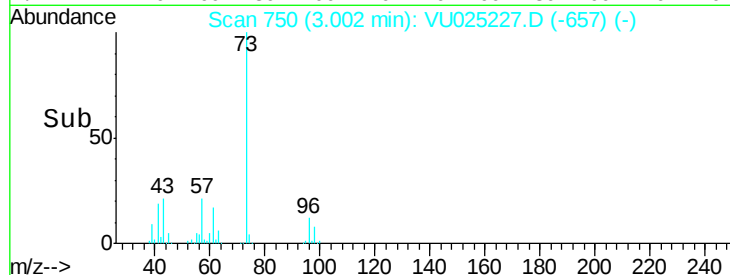
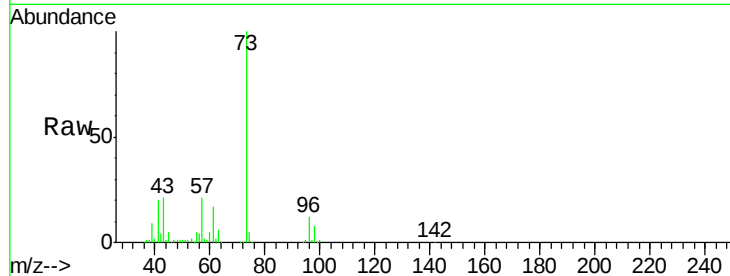
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#18
Methyl Acetate
Concen: 70.454 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	18.0	27.0





#19

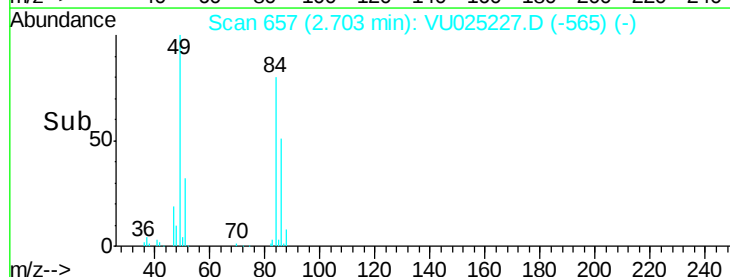
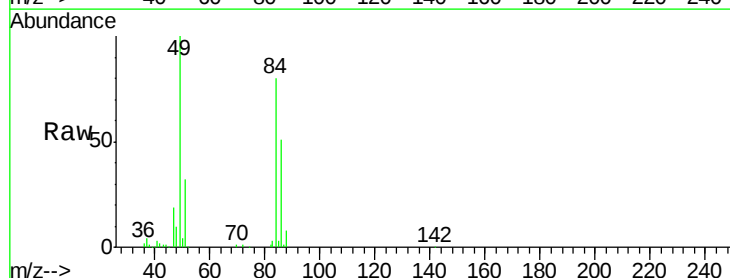
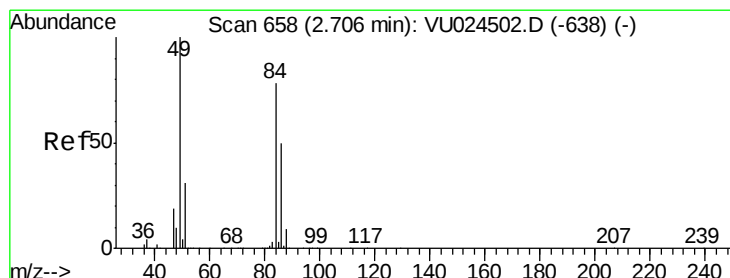
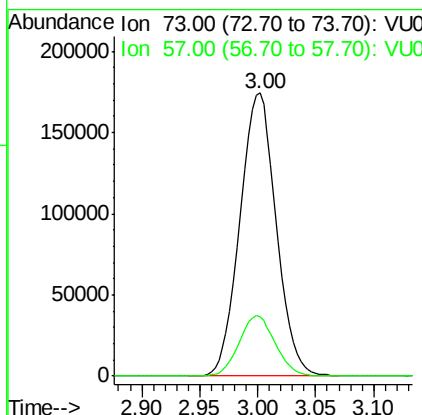
Methyl tert-butyl Ether
Concen: 57.420 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	18.8	28.2

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MSD

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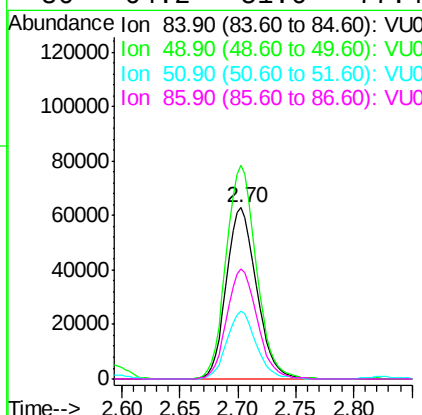
sam
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#20

Methylene Chloride
Concen: 53.357 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.9	103.8	155.8
51	39.6	32.0	48.0
86	64.2	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 53.800 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Instrument :

MSVOA_U

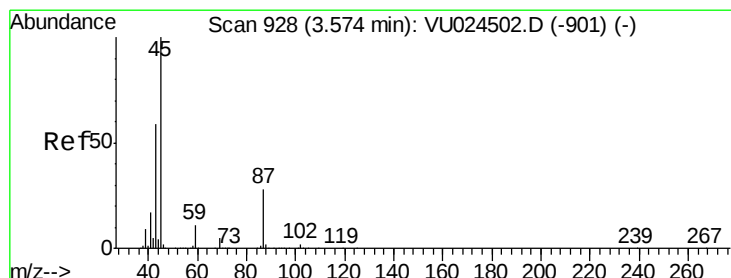
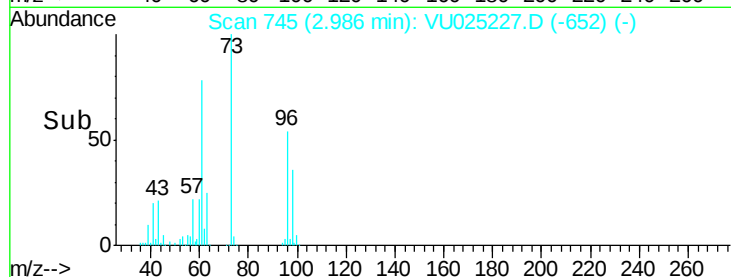
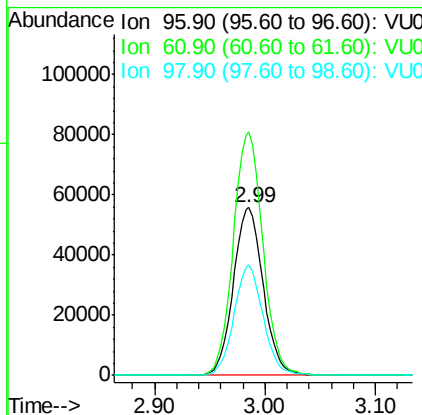
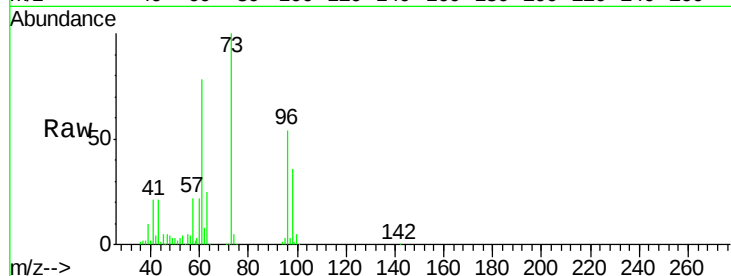
ClientSampleId :

WP021MW472-180628MSD

Tot Ion:	96	Resp:	104175
Ion	Ratio	Lower	Upper
96	100		
61	145.1	119.4	179.0
98	66.1	51.1	76.7

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#22

Diisopropyl ether

Concen: 55.948 ug/l

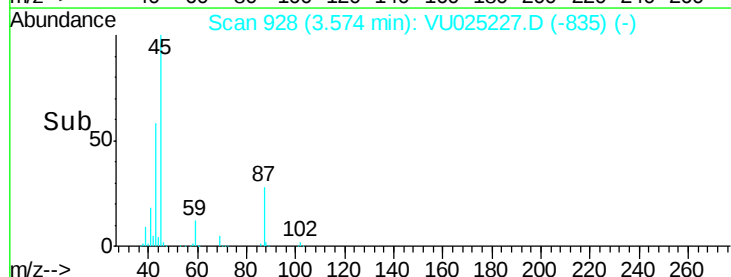
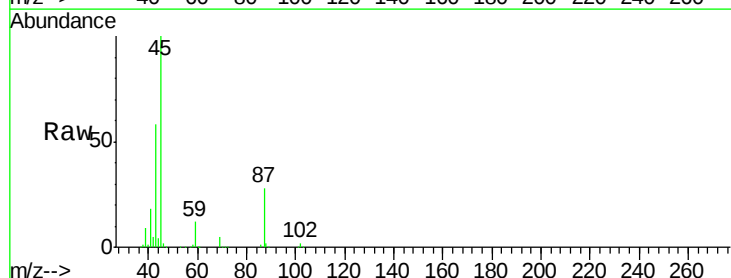
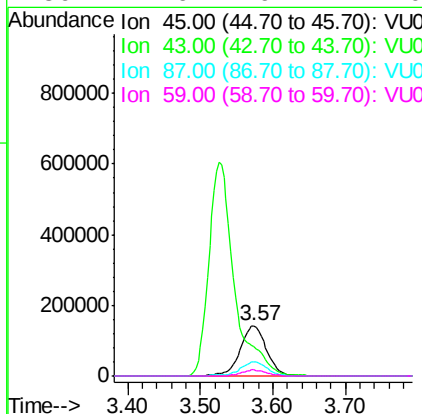
RT: 3.57 min Scan# 928

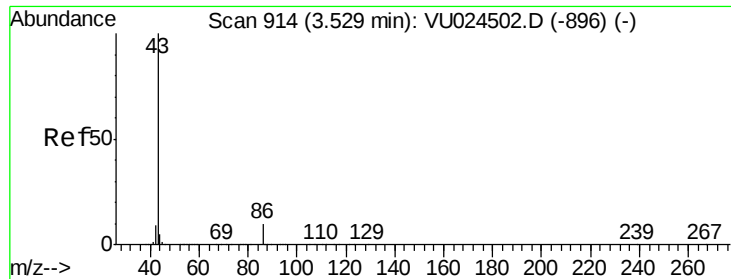
Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Tgt Ion:	45	Resp:	362038
Ion	Ratio	Lower	Upper
45	100		
43	56.9	45.8	68.6
87	28.2	20.6	31.0
59	11.6	9.4	14.0





#23

Vinyl Acetate

Concen: 254.058 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628MSD

Tot Ion: 43 Resp: 1472686

Ion Ratio Lower Upper

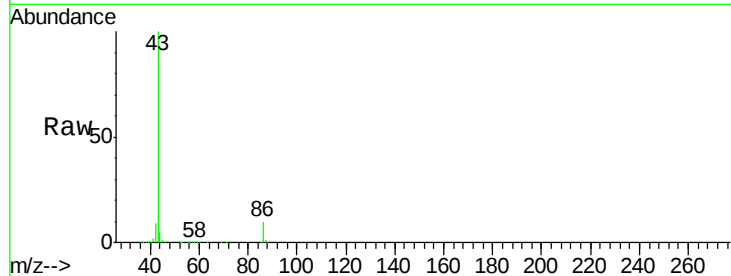
43 100

86 10.2 7.8 11.8

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

600000

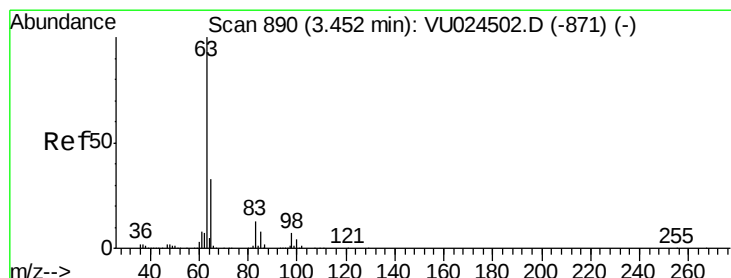
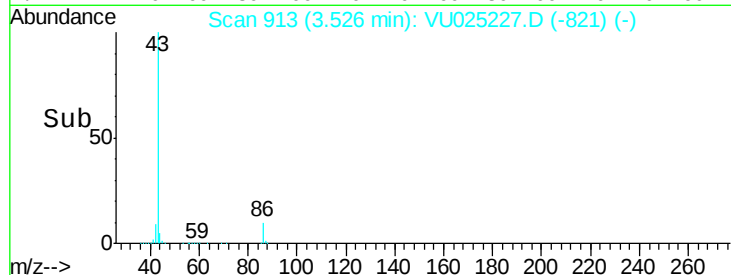
400000

200000

0

3.40 3.50 3.60 3.70

Time-->



#24

1,1-Dichloroethane

Concen: 55.484 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

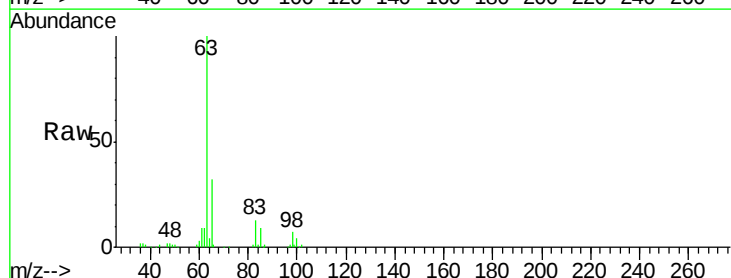
Tgt Ion: 63 Resp: 206542

Ion Ratio Lower Upper

63 100

98 6.9 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

120000

100000

80000

60000

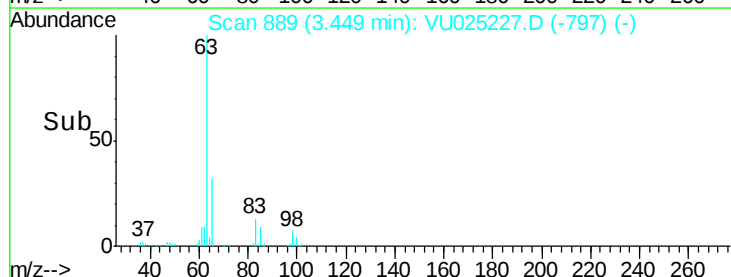
40000

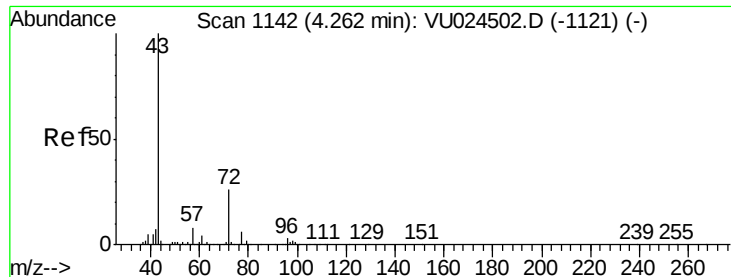
20000

0

3.40 3.50

Time-->





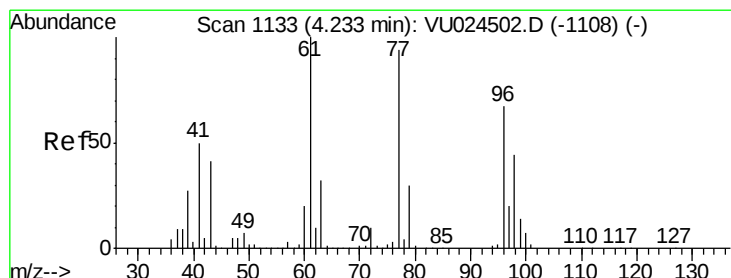
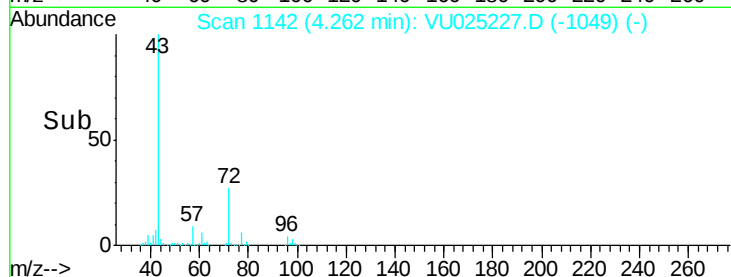
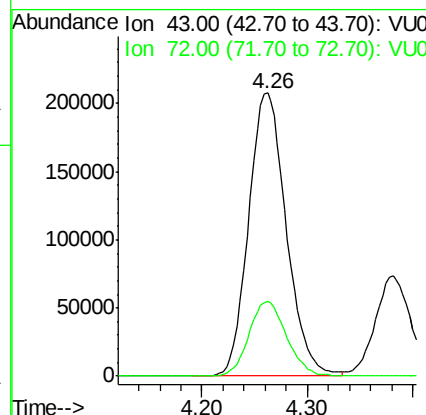
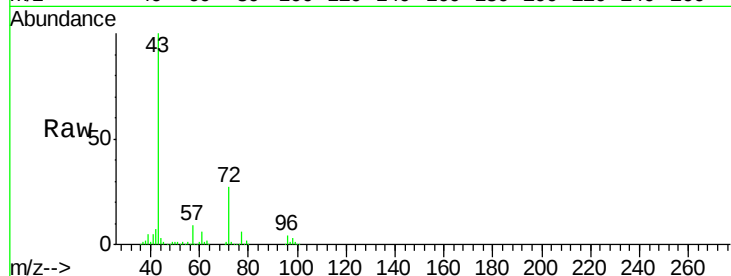
#25
2-Butanone
Concen: 282.597 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MSD

Tot Ion: 43 Resp: 514093
Ion Ratio Lower Upper
43 100
72 26.6 19.6 29.4

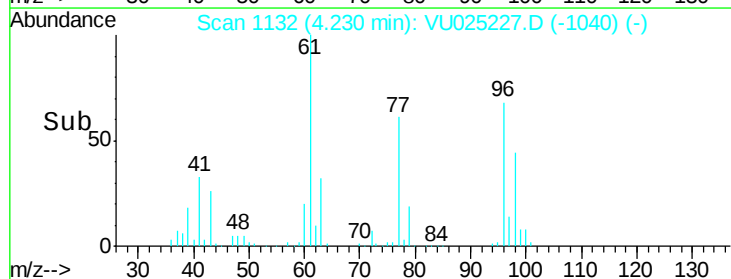
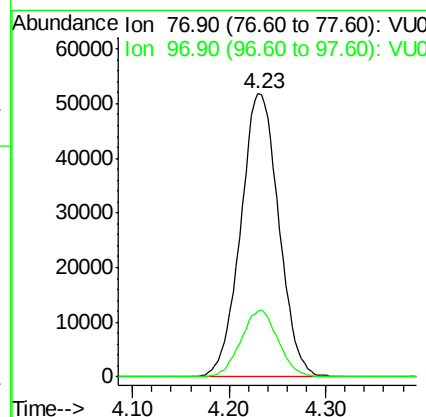
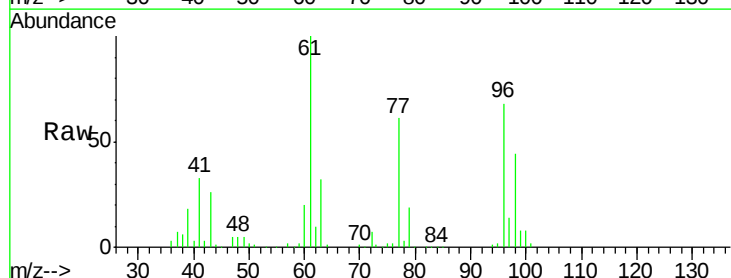
Manual Integrations
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#26
2,2-Dichloropropane
Concen: 40.063 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Tgt Ion: 77 Resp: 141614
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.8





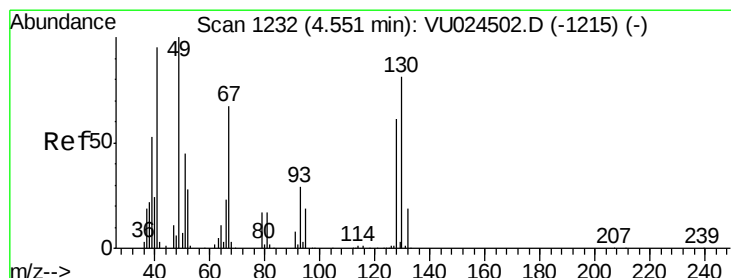
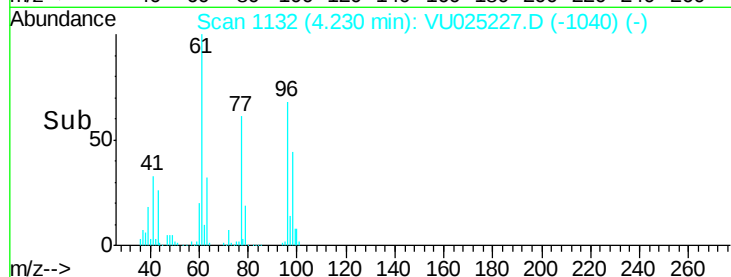
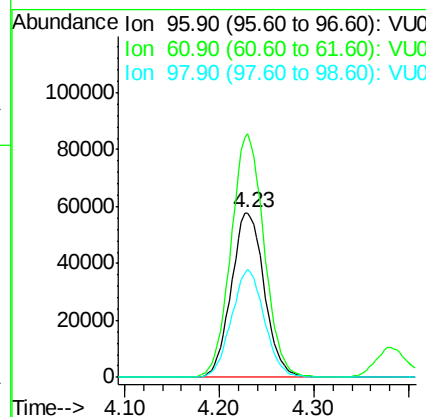
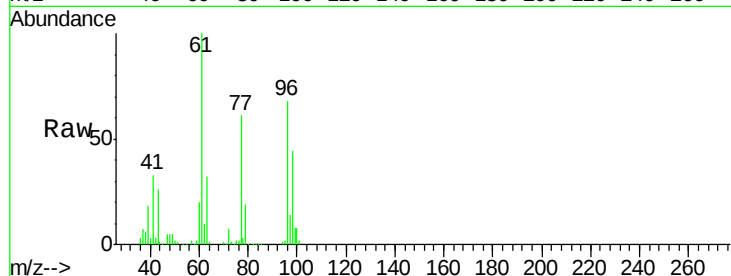
#27
 cis-1,2-Dichloroethene
 Concen: 63.083 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025227.D
 Acq: 05 Jul 2018 19:54

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.8	0.0	306.6
98	65.1	0.0	128.8

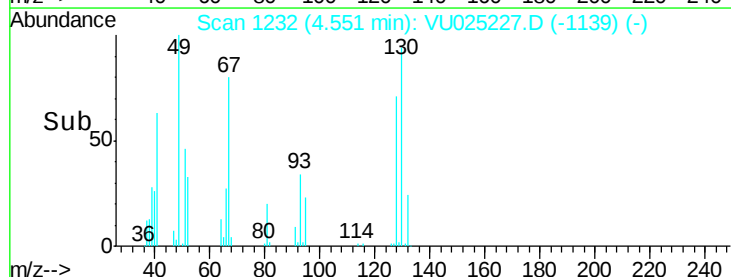
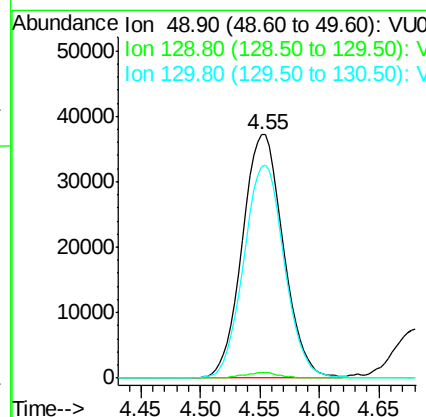
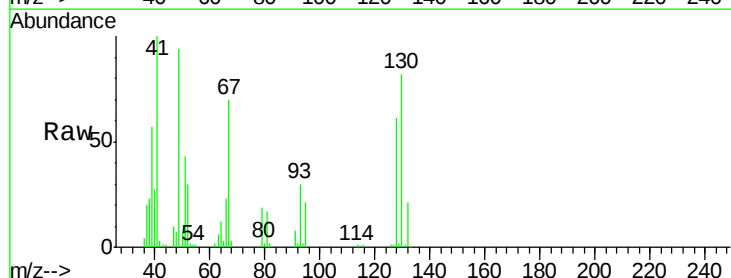
Manual Integrations
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#28
 Bromochloromethane
 Concen: 54.415 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU025227.D
 Acq: 05 Jul 2018 19:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	86.5	57.8	86.6





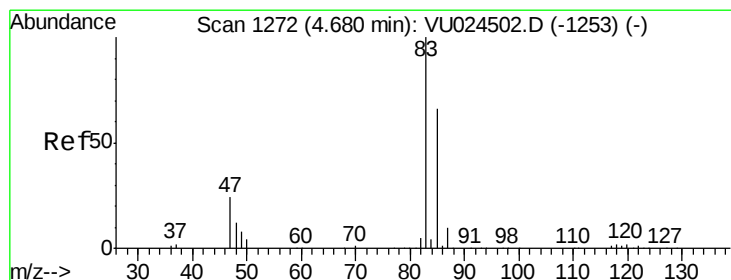
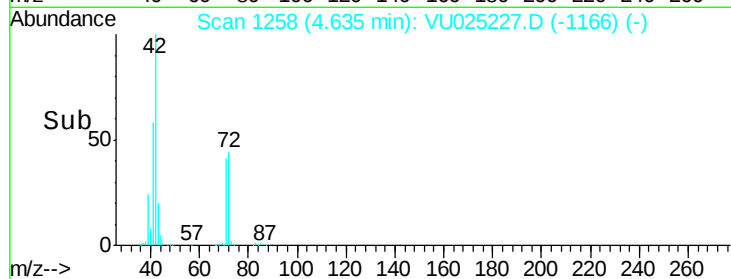
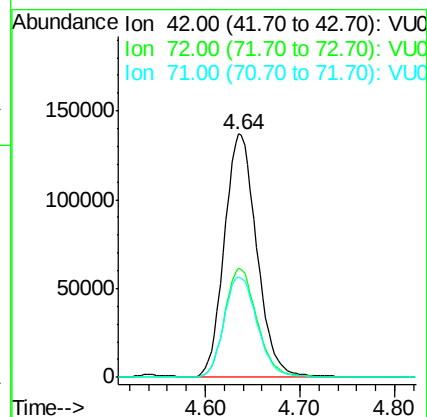
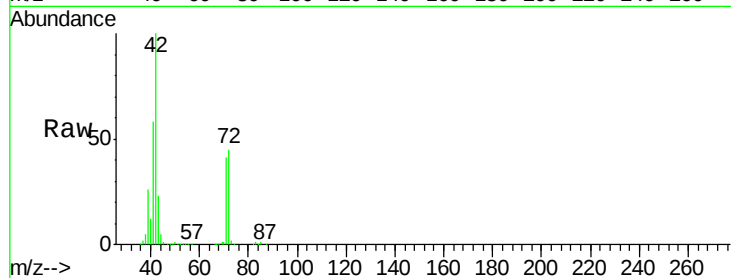
#29
Tetrahydrofuran
Concen: 288.082 ug/l
RT: 4.64 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	34.5	51.7
71	42.5	32.2	48.4

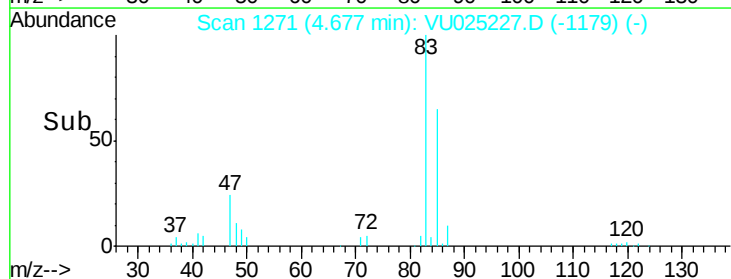
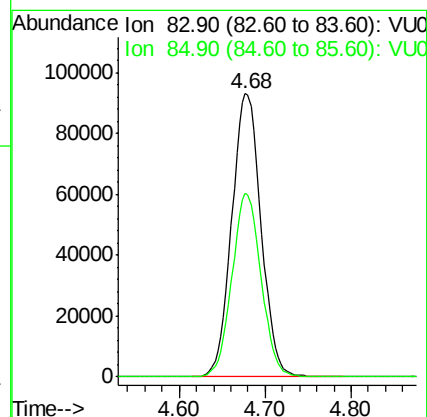
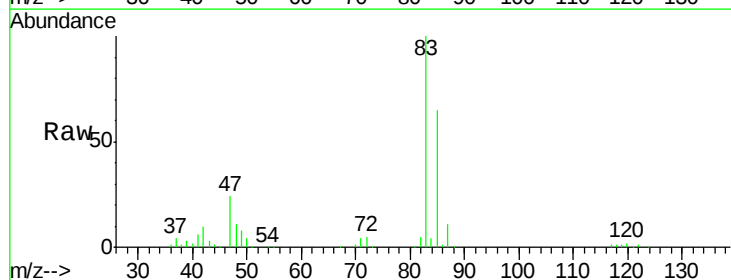
Manual Integrations
APPROVED

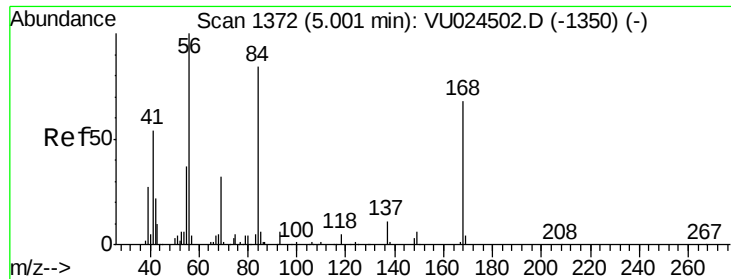
sam
7/6/2018 4:22:27 PM



#30
Chloroform
Concen: 58.363 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.4	78.6





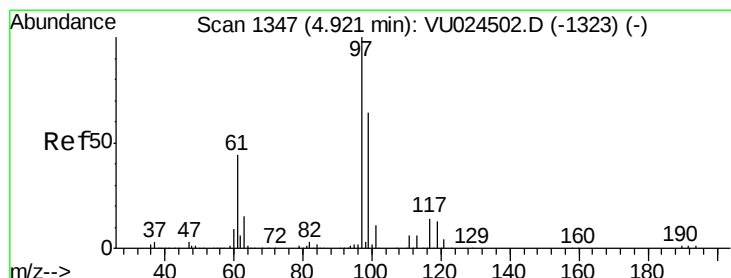
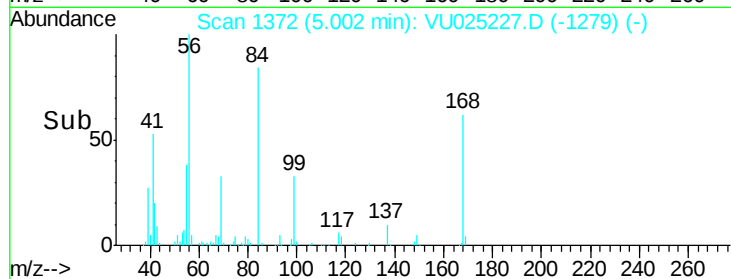
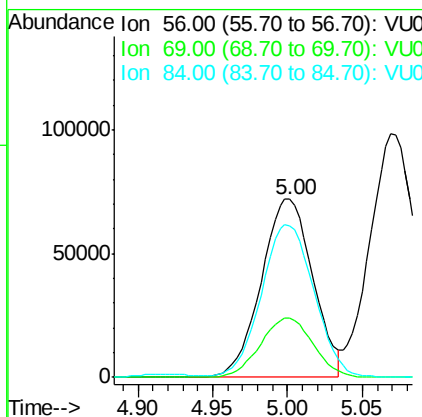
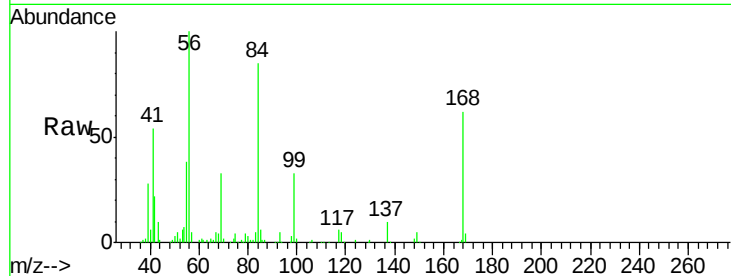
#31
Cyclohexane
Concen: 52.105 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.1	24.8	37.2
84	84.0	65.2	97.8

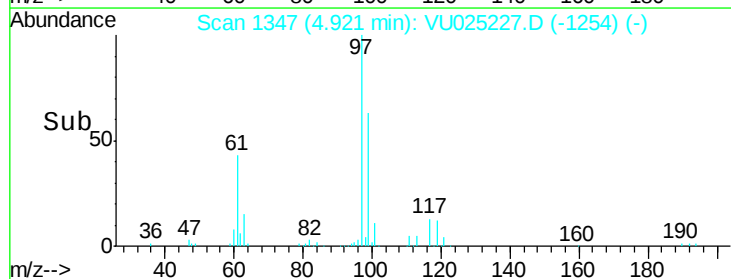
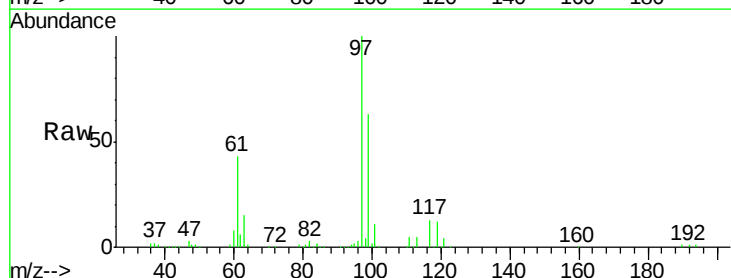
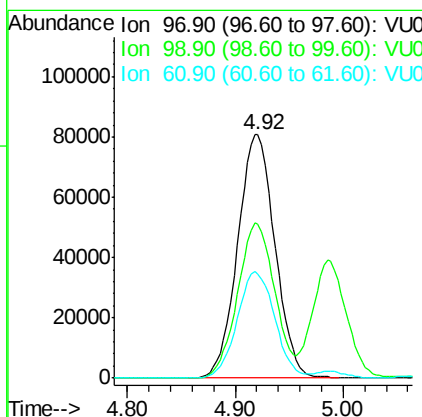
Manual Integrations
APPROVED

sam
7/6/2018 4:22:27 PM



#32
1,1,1-Trichloroethane
Concen: 55.813 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.6
61	44.2	39.4	59.0





#33

1,2-Dichloroethane-d4

Concen: 49.590 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Tot Ion: 65 Resp: 124999

Ion Ratio Lower Upper

65 100

67 51.2 0.0 107.0

Instrument :

MSVOA_U

ClientSampleId :

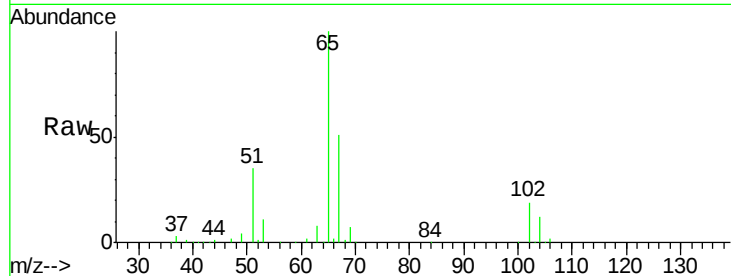
WP021MW472-180628MSD

Manual Integrations

APPROVED

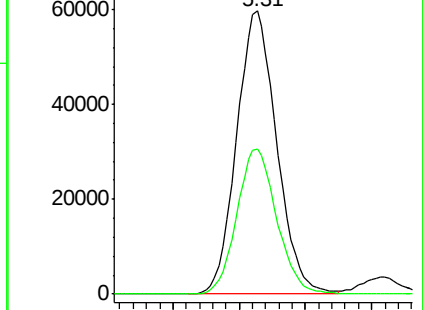
sam

7/6/2018 4:22:27 PM

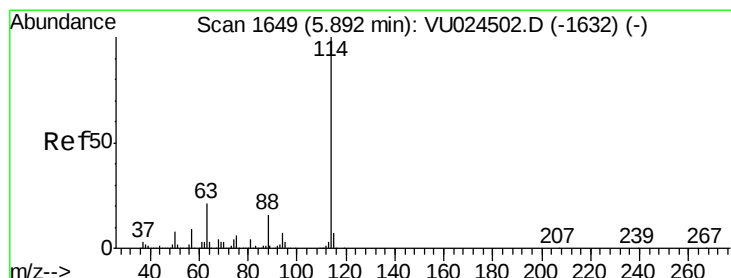
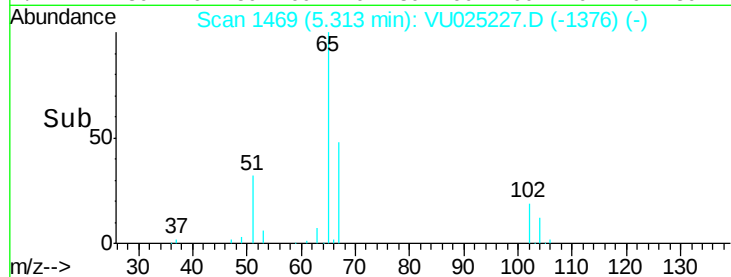


Abundance Ion 64.90 (64.60 to 65.60): VU024502.D (-1451) (-)

Ion 66.90 (66.60 to 67.60): VU024502.D (-1451) (-)



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

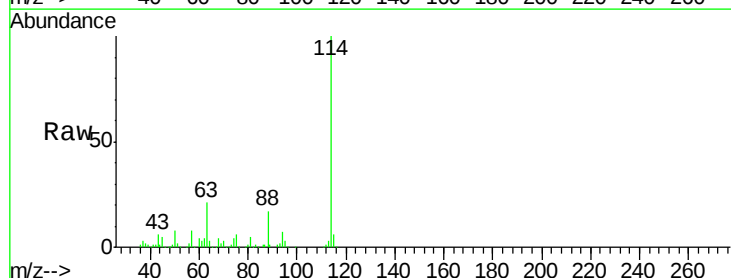
Tgt Ion: 114 Resp: 243256

Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.4

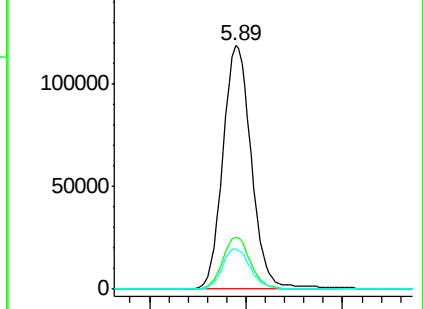
88 16.6 0.0 31.0



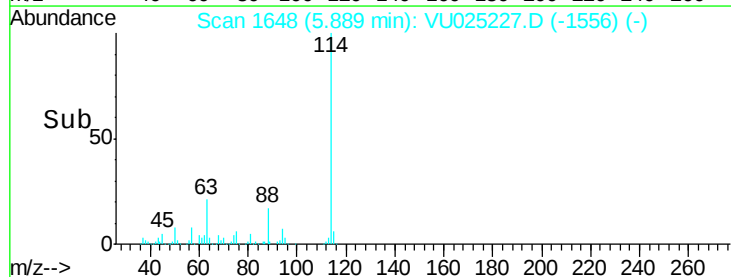
Abundance Ion 113.90 (113.60 to 114.60): VU024502.D (-1632) (-)

Ion 63.00 (62.70 to 63.70): VU024502.D (-1632) (-)

Ion 87.90 (87.60 to 88.60): VU024502.D (-1632) (-)



Time-->





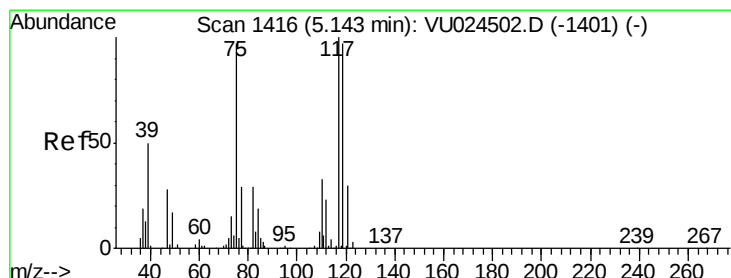
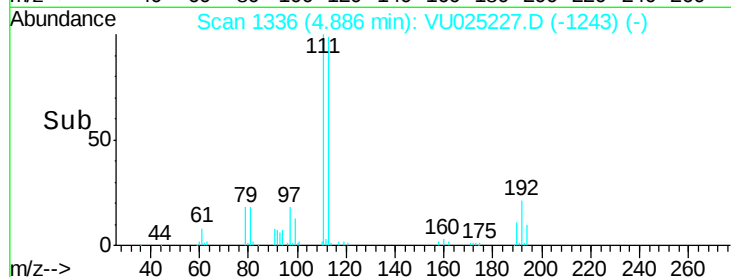
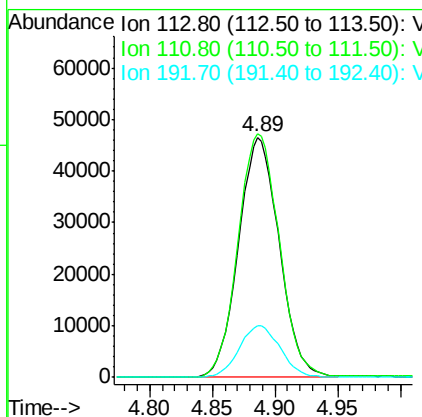
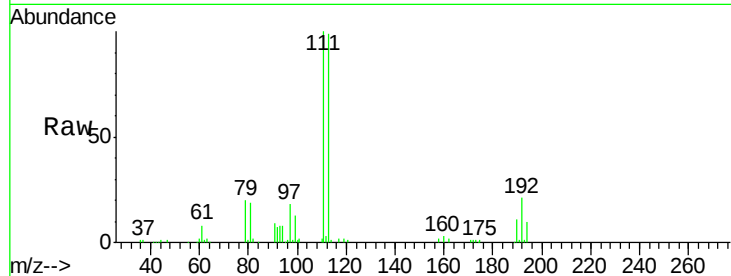
#35
Dibromofluoromethane
Concen: 52.023 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	105025		
111	102.6	82.2	123.4	
192	21.7	16.2	24.4	

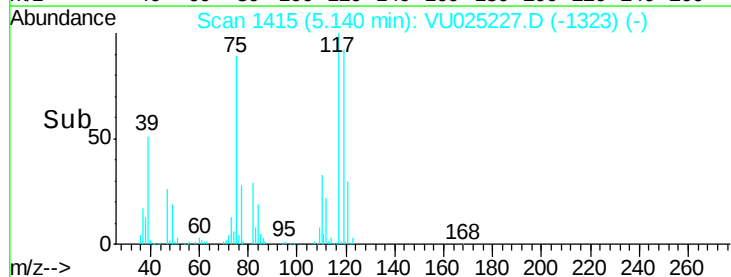
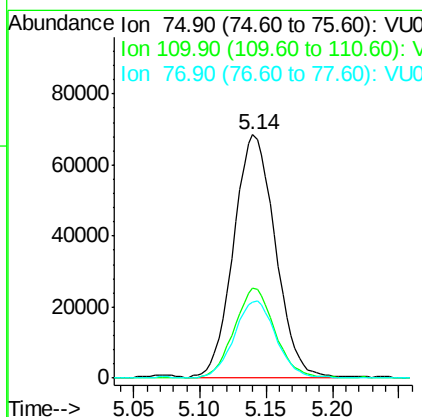
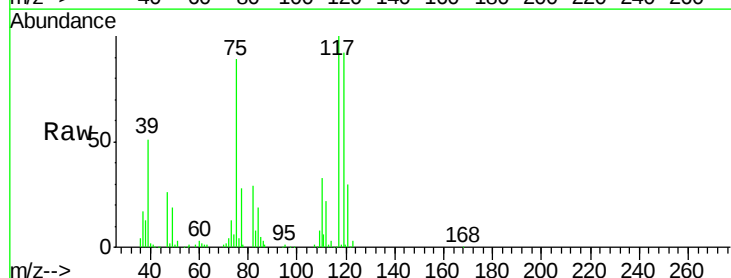
Manual Integrations
APPROVED

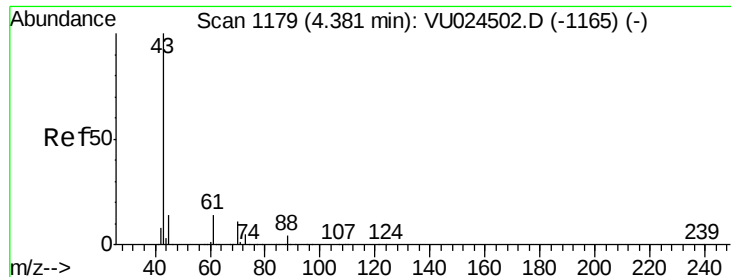
sam
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#36
1,1-Dichloropropene
Concen: 52.140 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	149039		
110	36.4	17.0	50.9	
77	32.1	24.2	36.4	





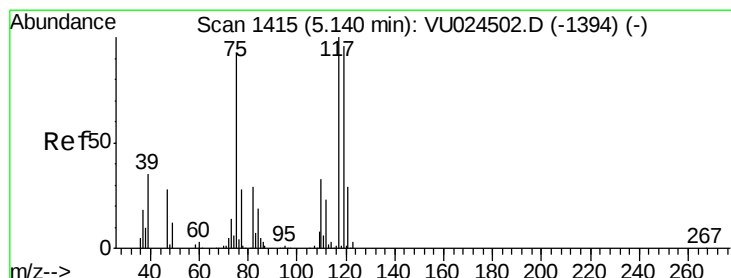
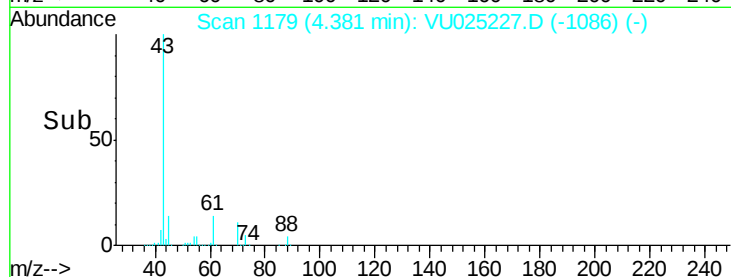
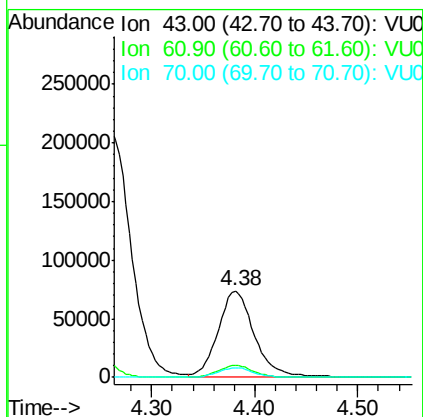
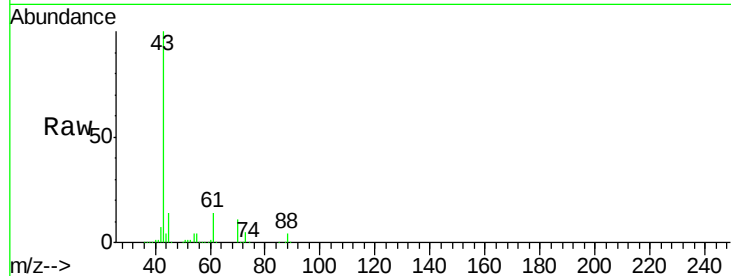
#37
Ethyl Acetate
Concen: 56.670 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.5	15.7
70	10.9	7.4	11.2

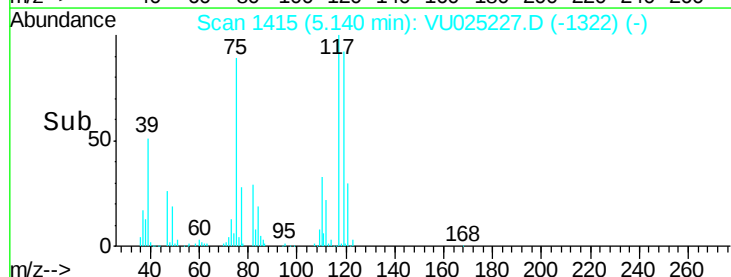
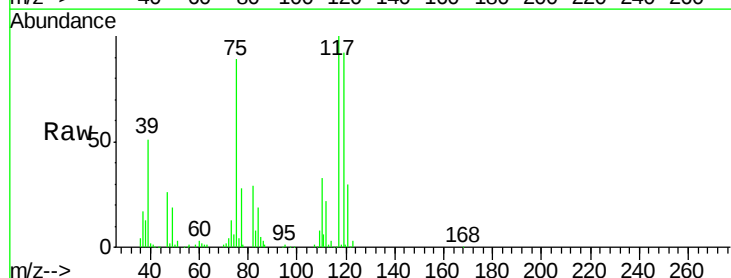
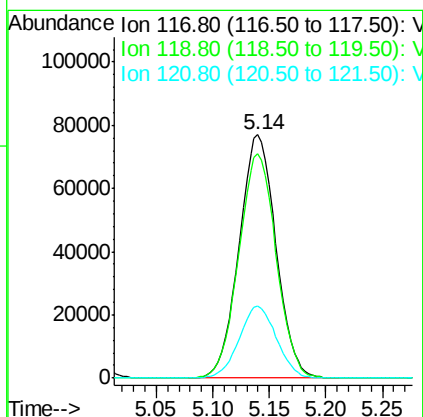
Manual Integrations
APPROVED

sam
7/6/2018 4:22:27 PM



#38
Carbon Tetrachloride
Concen: 55.471 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.3	76.1	114.1
121	29.7	23.7	35.5





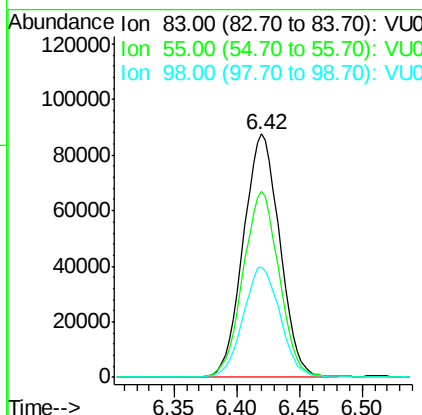
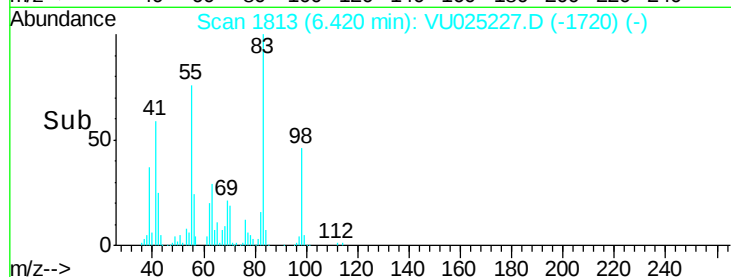
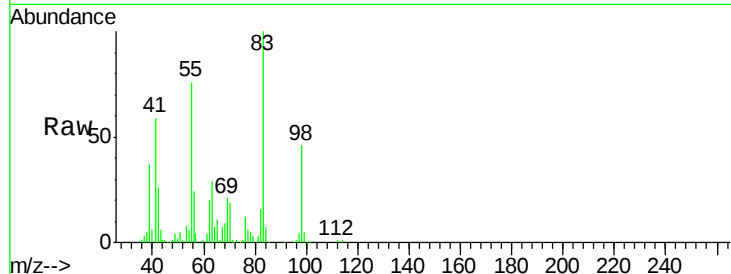
#39
Methvlcvclohexane
Concen: 49.705 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	65.8	98.6
98	45.6	36.7	55.1

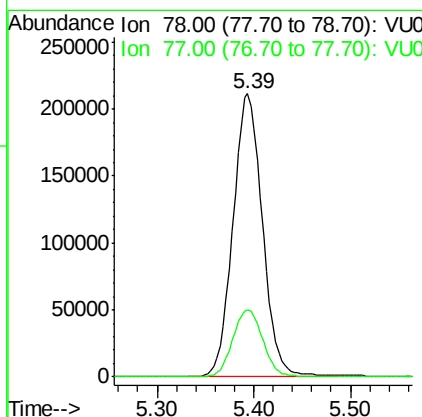
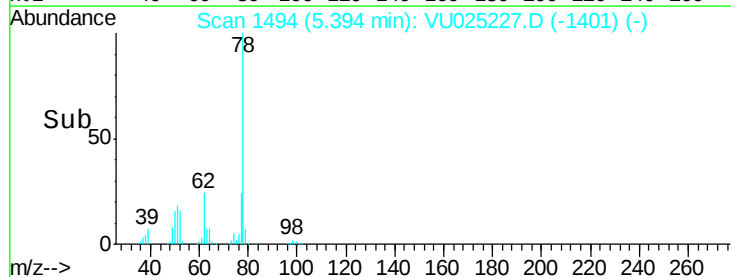
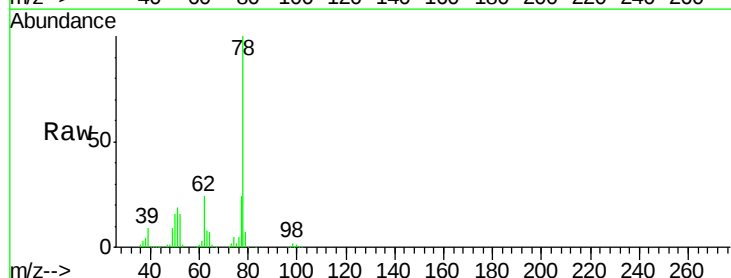
Manual Integrations
APPROVED

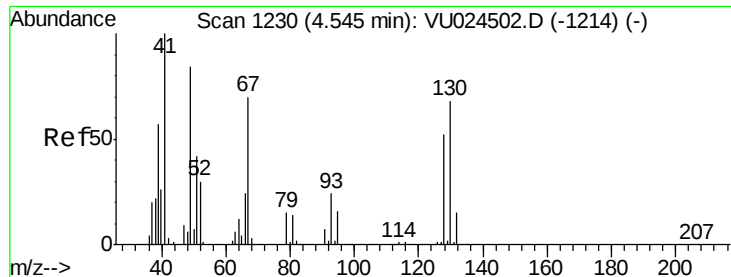
sam
7/6/2018 4:22:27 PM



#40
Benzene
Concen: 55.040 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





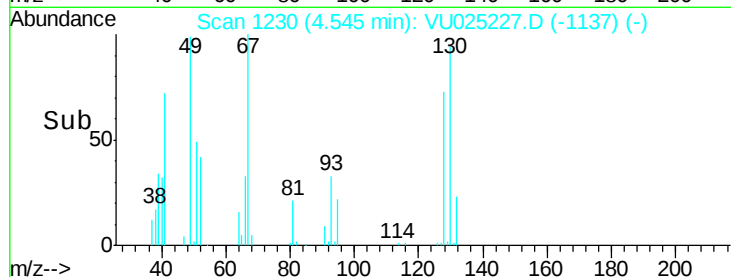
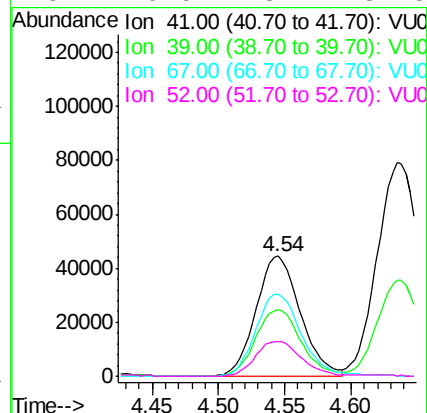
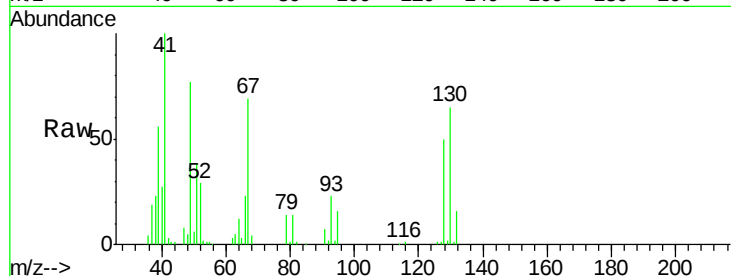
#41
Methacrylonitrile
Concen: 61.931 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.8	43.8	65.6	
67	70.4	56.3	84.5	
52	29.5	23.2	34.8	

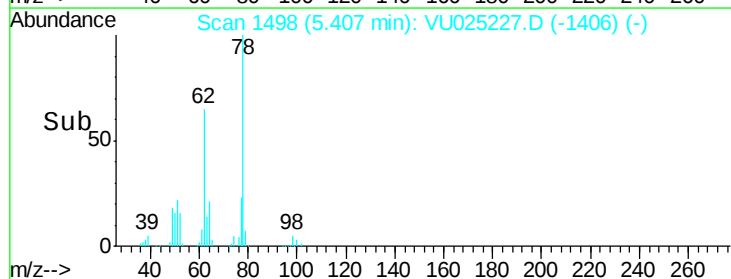
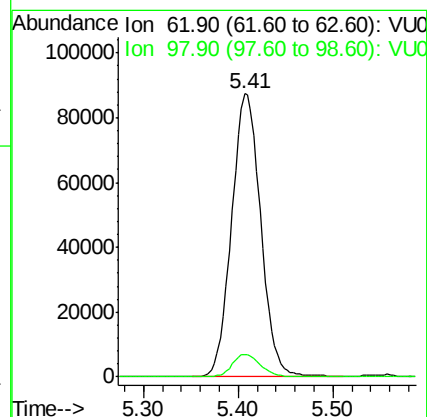
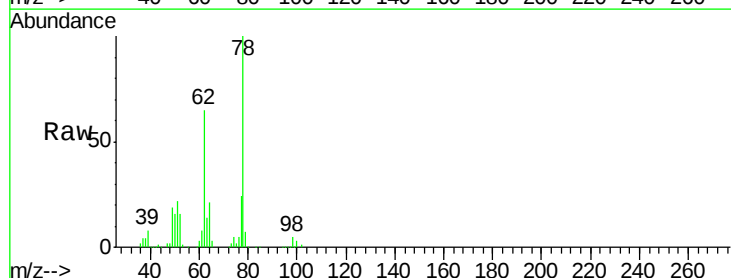
Manual Integrations
APPROVED

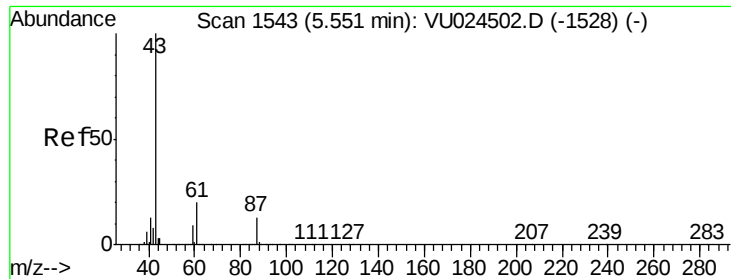
Sam
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#42
1,2-Dichloroethane
Concen: 60.269 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.8	0.0	16.6	





#43

Isopropyl Acetate

Concen: 53.547 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Instrument :

MSVOA_U

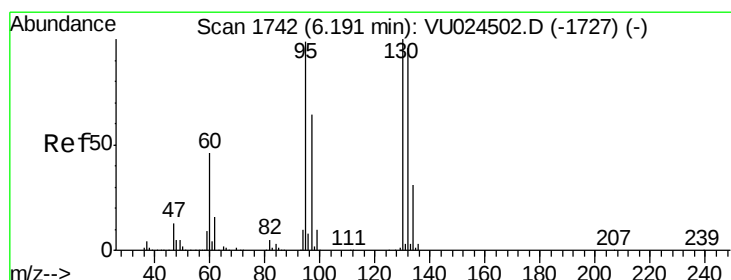
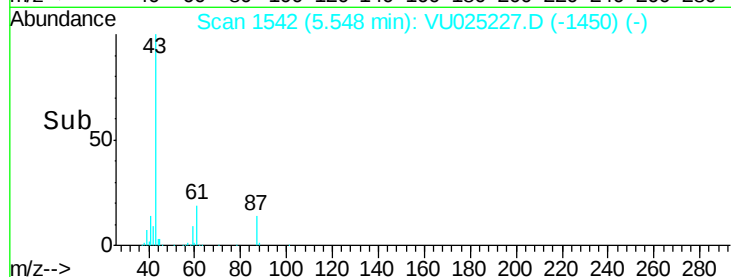
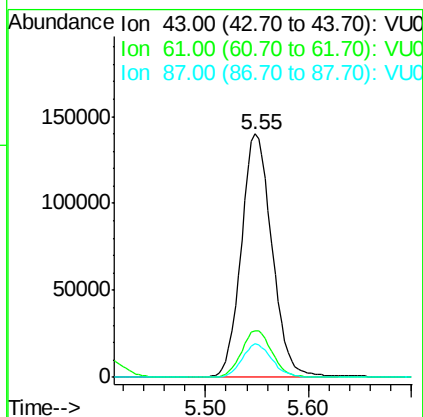
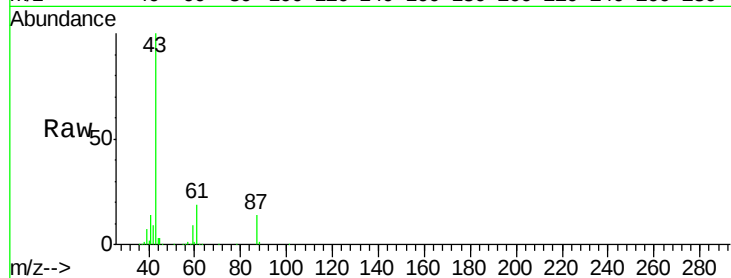
ClientSampleId :

WP021MW472-180628MSD

Tot Ion:	43	Resp:	288366
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.0
87	13.4	10.0	15.0

Manual Integrations
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sam
7/6/2018 4:22:27 PM



#44

Trichloroethene

Concen: 60.910 ug/l

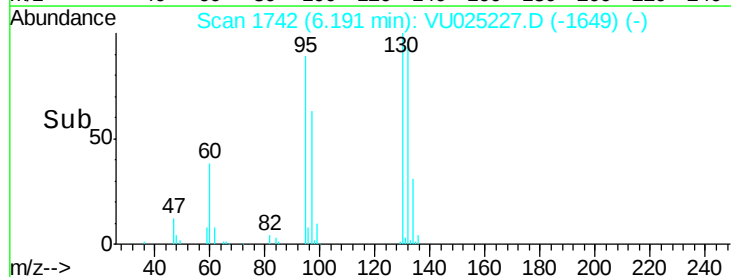
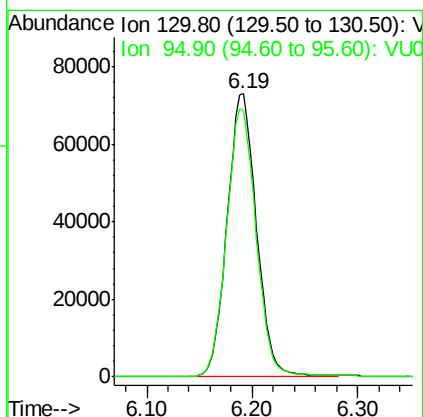
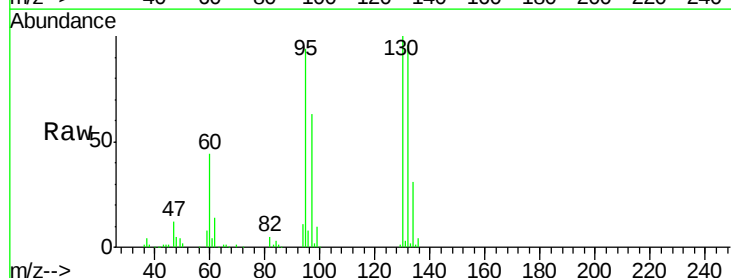
RT: 6.19 min Scan# 1742

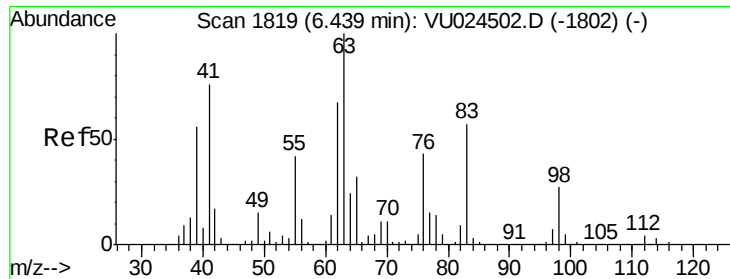
Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Tgt Ion:	130	Resp:	141192
Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	202.4





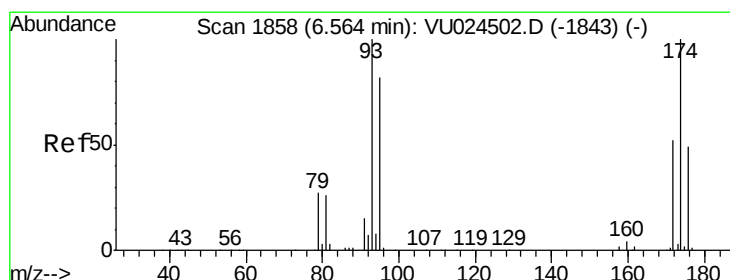
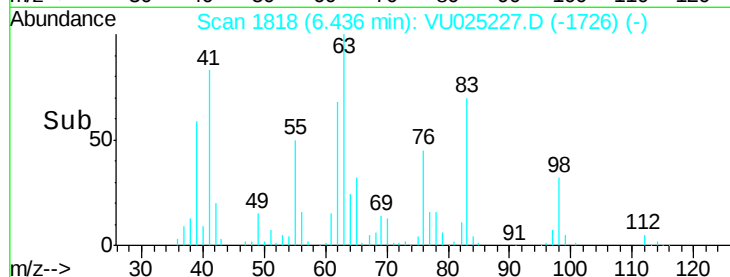
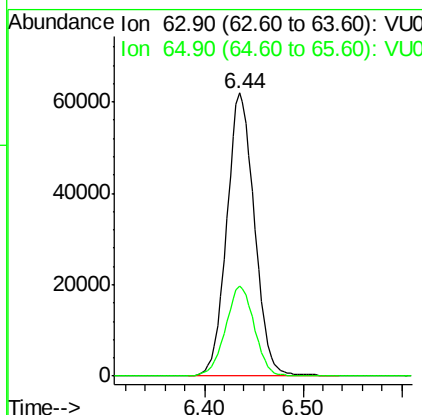
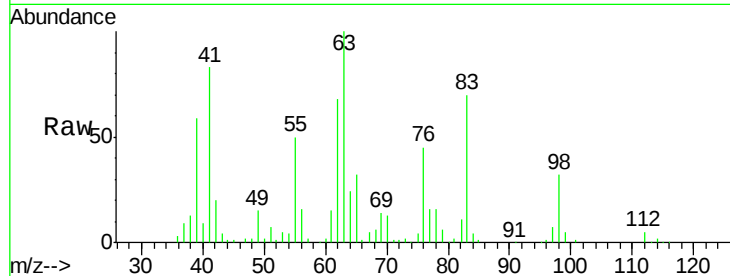
#45
 1,2-Dichloropropane
 Concen: 56.014 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU025227.D
 Acq: 05 Jul 2018 19:54

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MSD

Tot Ion: 63 Resp: 121734
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.8 37.2

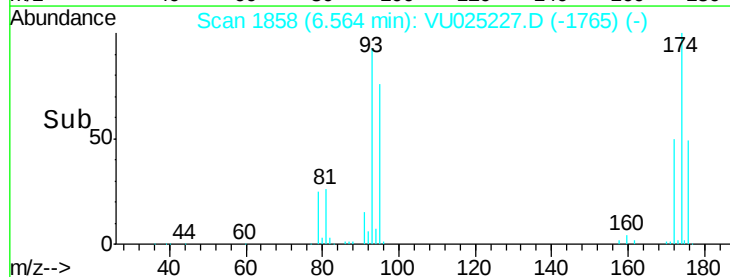
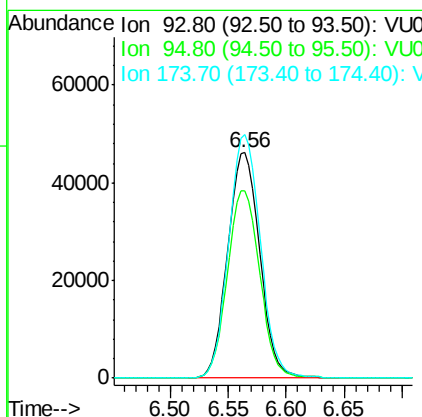
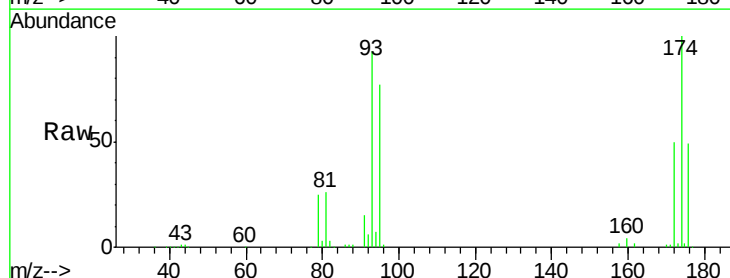
Manual Integrations
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#46
 Dibromomethane
 Concen: 58.024 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU025227.D
 Acq: 05 Jul 2018 19:54

Tgt Ion: 93 Resp: 88576
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.5 98.3
 174 106.8 78.7 118.1





#47

Bromodichloromethane

Concen: 54.881 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Instrument :

MSVOA_U

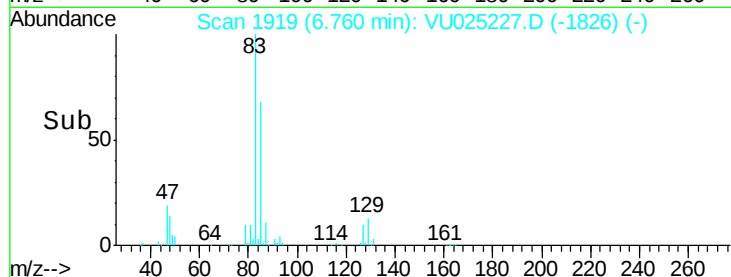
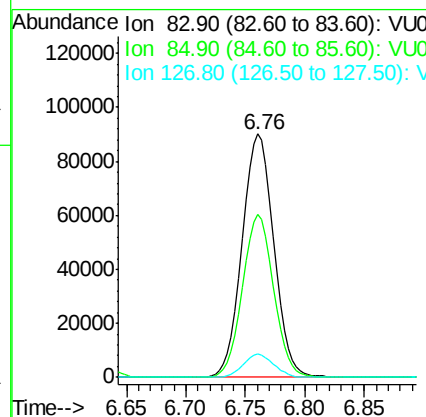
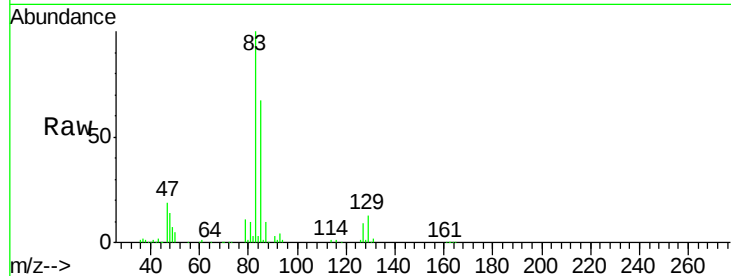
ClientSampleId :

WP021MW472-180628MSD

Tot Ion:	83	Resp:	166827
Ion Ratio	Lower	Upper	
83	100		
85	66.8	51.9	77.9
127	9.5	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 58.666 ug/l

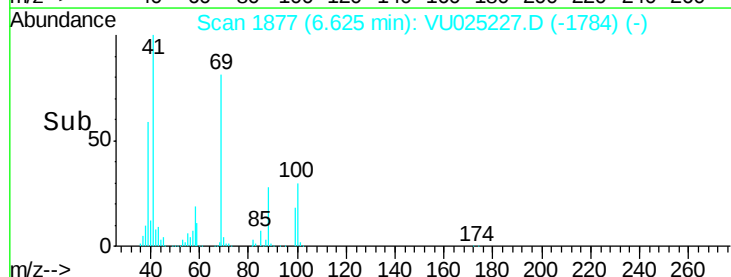
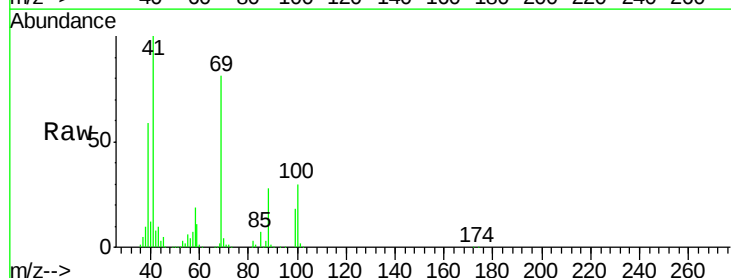
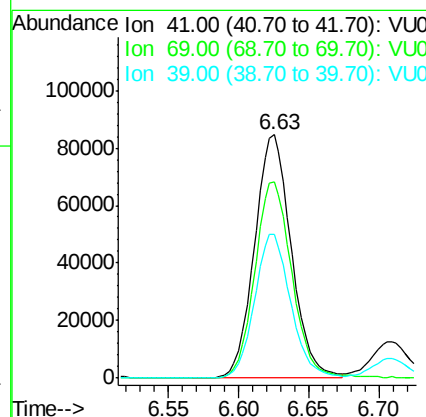
RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Tgt Ion:	41	Resp:	153840
Ion Ratio	Lower	Upper	
41	100		
69	81.8	67.3	100.9
39	57.9	46.5	69.7





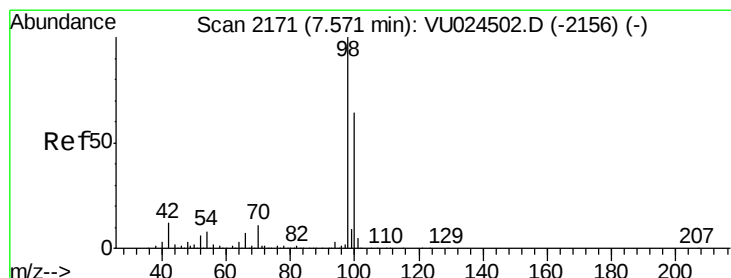
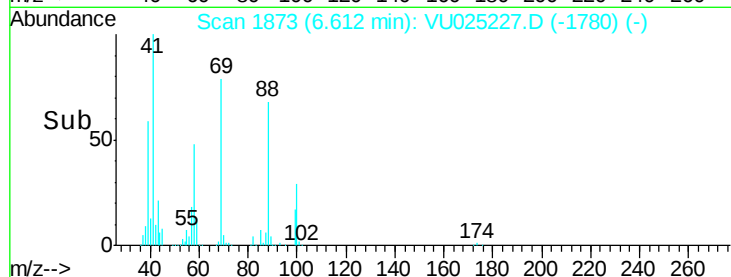
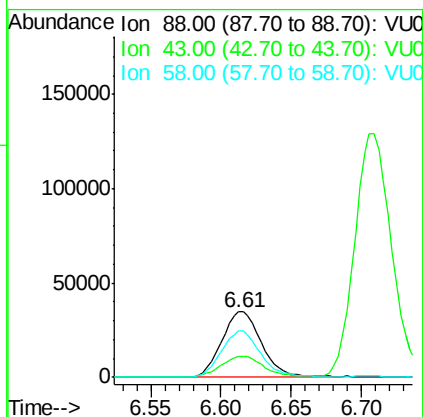
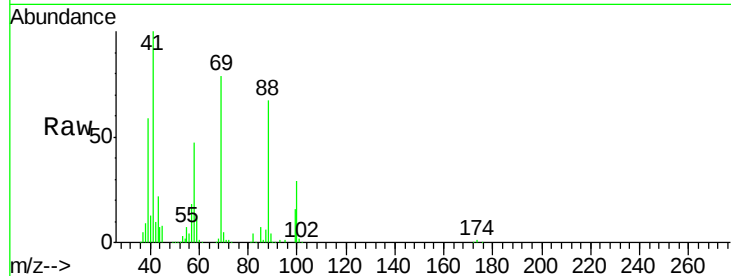
#49
1,4-Dioxane
Concen: 1306.583 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.0	28.6	42.8
58	71.3	58.2	87.4

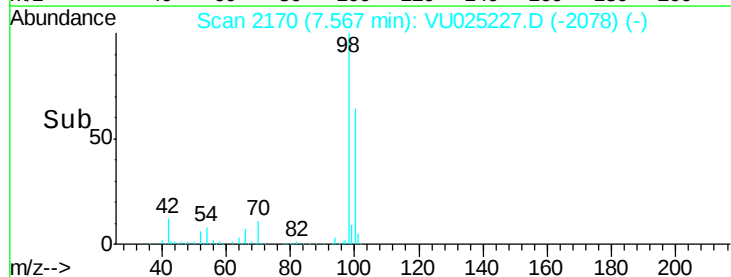
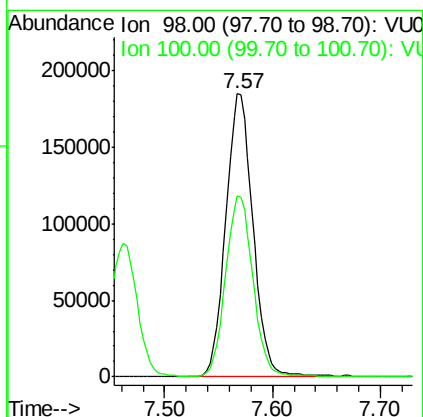
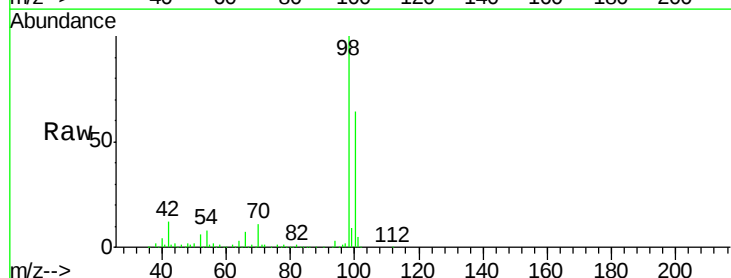
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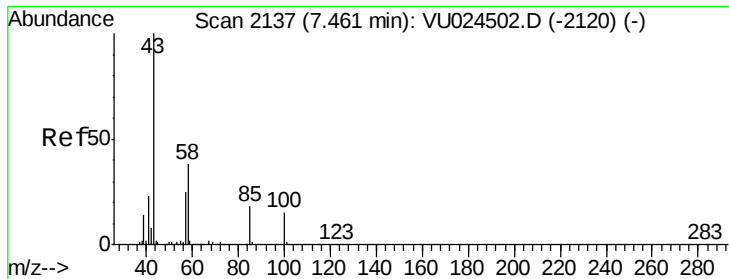
sam
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#50
Toluene-d8
Concen: 44.259 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.1	76.7





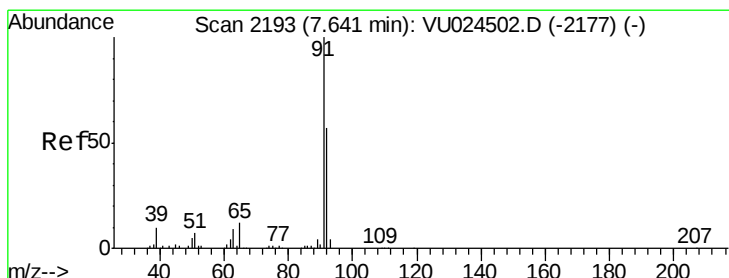
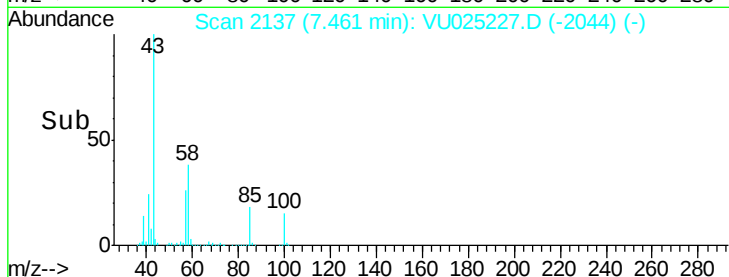
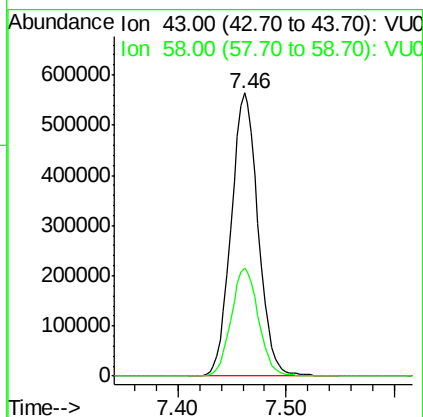
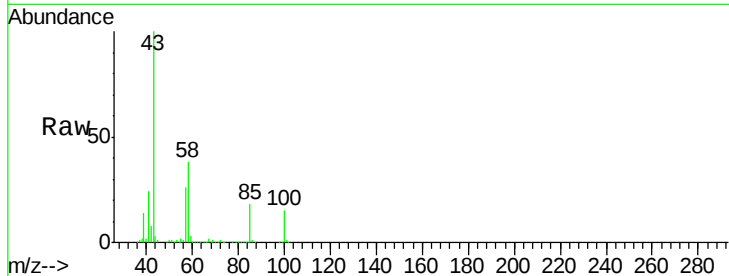
#51
4-Methyl-2-Pentanone
Concen: 290.641 ug/l
RT: 7.46 min Scan# 2137
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.6	30.0	45.0

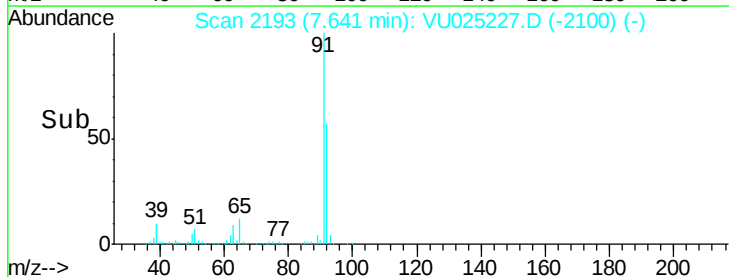
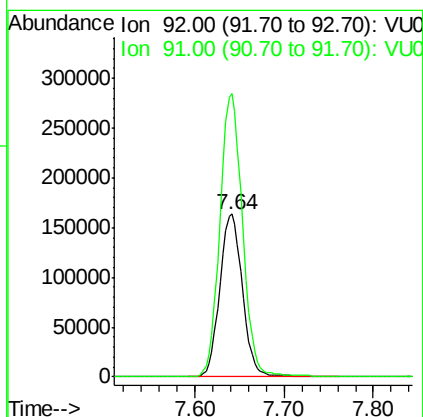
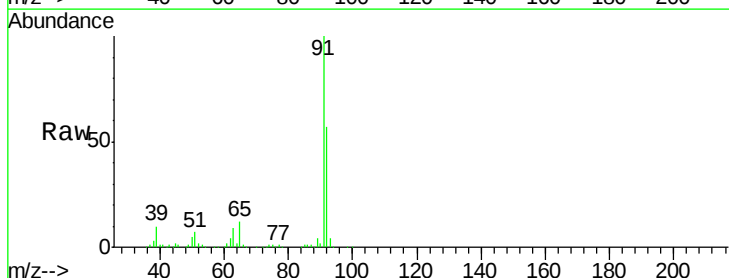
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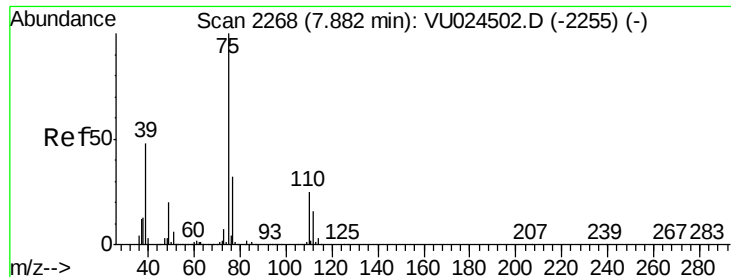
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#52
Toluene
Concen: 55.050 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.4	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 51.598 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628MSD

Tot Ion: 75 Resp: 176139

Ion Ratio Lower Upper

75 100

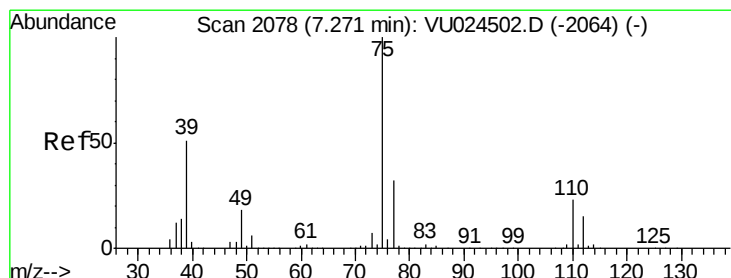
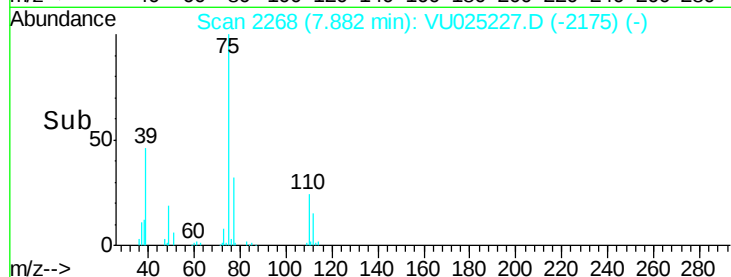
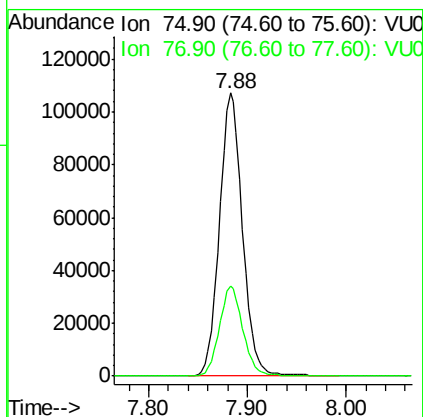
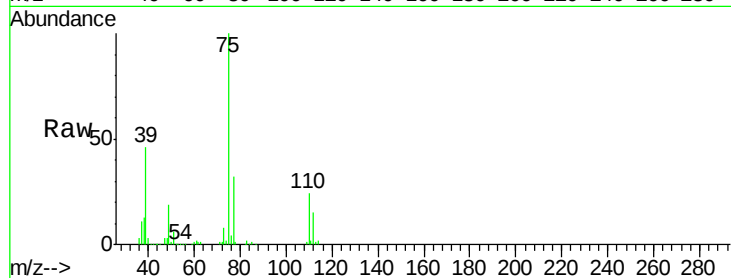
77 31.9 24.8 37.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 50.858 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

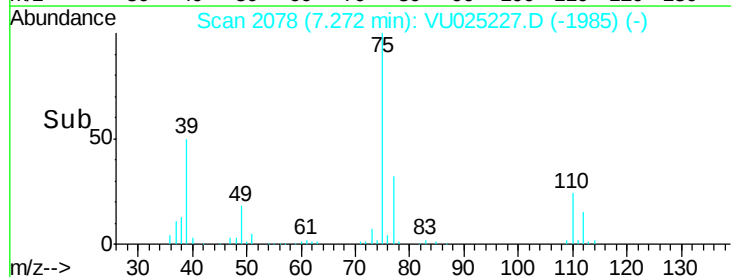
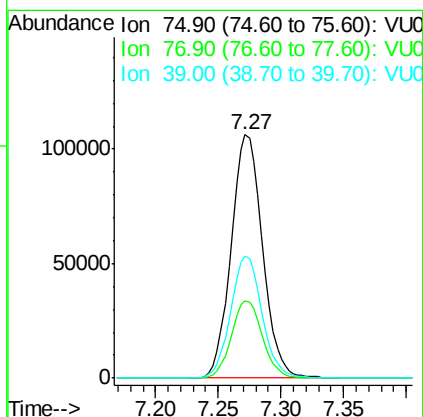
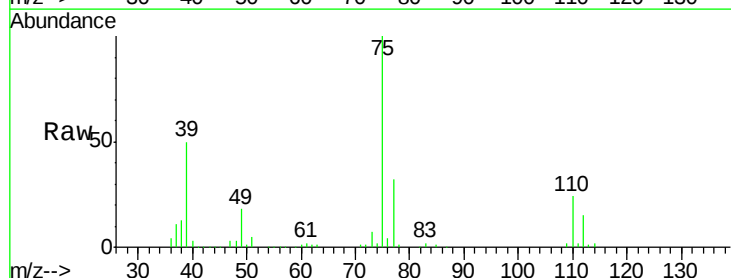
Tgt Ion: 75 Resp: 184994

Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8

39 50.1 39.8 59.6





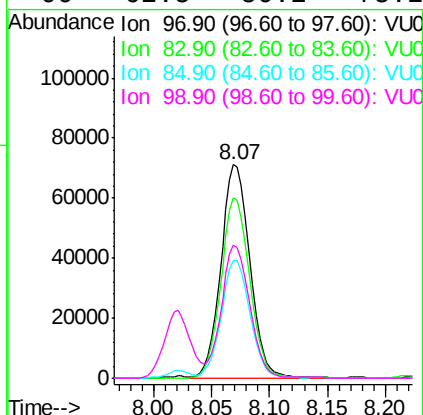
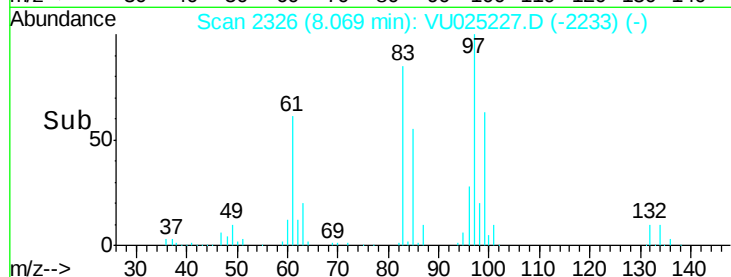
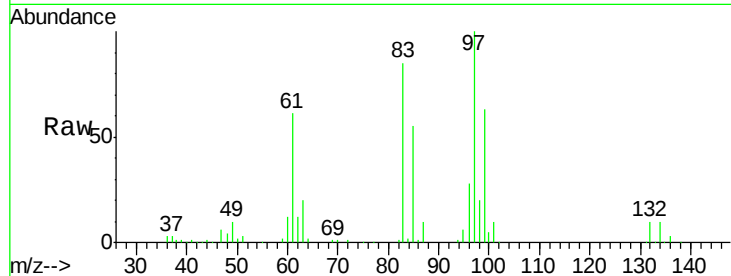
#55
 1,1,2-Trichloroethane
 Concen: 57.757 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025227.D
 Acq: 05 Jul 2018 19:54

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		123027		
83	84.8	70.5	105.7		
85	55.0	46.4	69.6		
99	62.5	50.2	75.2		

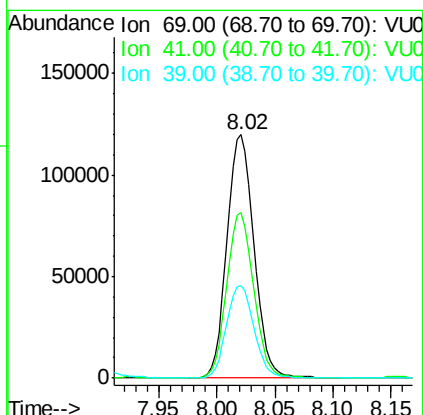
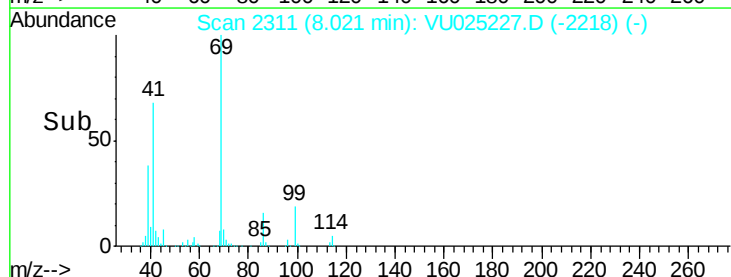
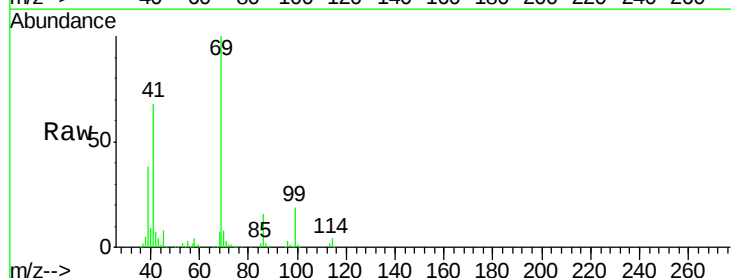
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 54.124 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025227.D
 Acq: 05 Jul 2018 19:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		192963		
41	67.6	54.1	81.1		
39	38.3	30.3	45.5		





#57

1,3-Dichloropropane

Concen: 57.370 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628MSD

Tot Ion: 76 Resp: 206145

Ion Ratio Lower Upper

76 100

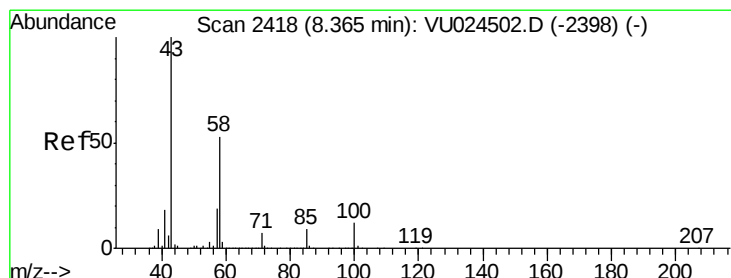
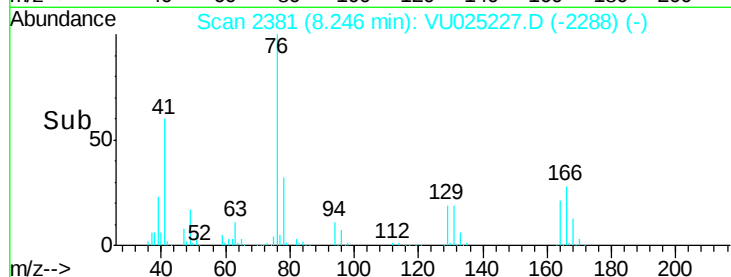
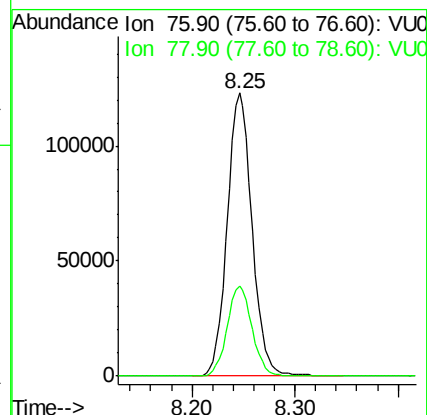
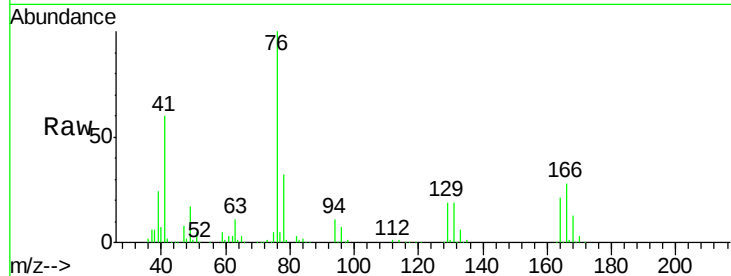
78 31.8 25.2 37.8

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#59

2-Hexanone

Concen: 282.828 ug/l

RT: 8.36 min Scan# 2418

Delta R.T. 0.00 min

Lab File: VU025227.D

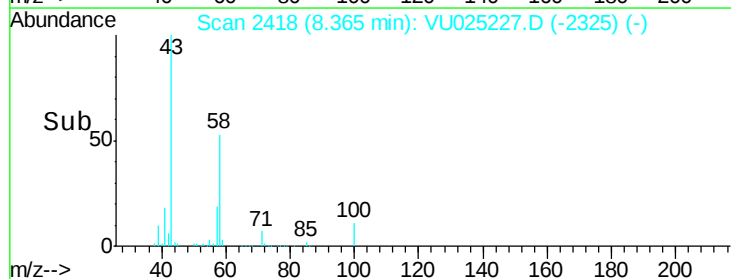
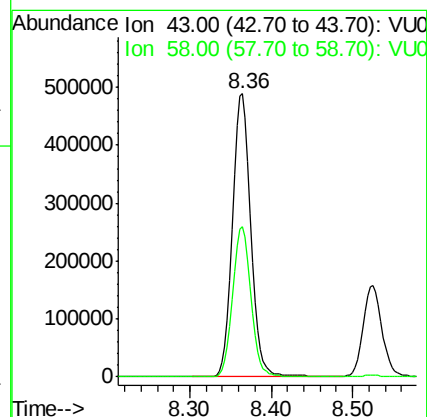
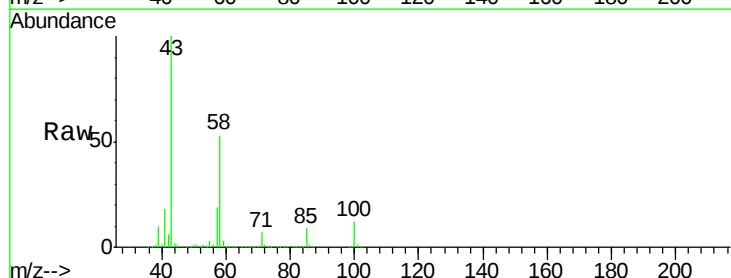
Acq: 05 Jul 2018 19:54

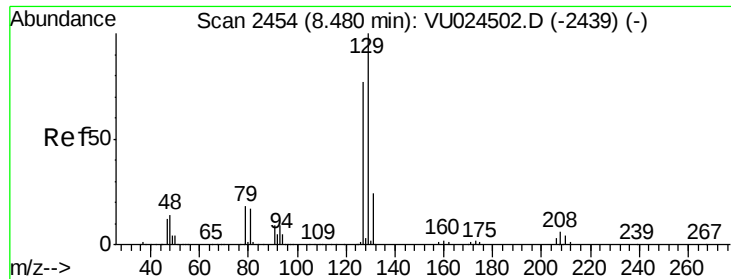
Tgt Ion: 43 Resp: 781213

Ion Ratio Lower Upper

43 100

58 53.2 26.4 79.0





#60

Dibromochloromethane

Concen: 52.583 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628MSD

Tot Ion:129 Resp: 139671

Ion Ratio Lower Upper

129 100

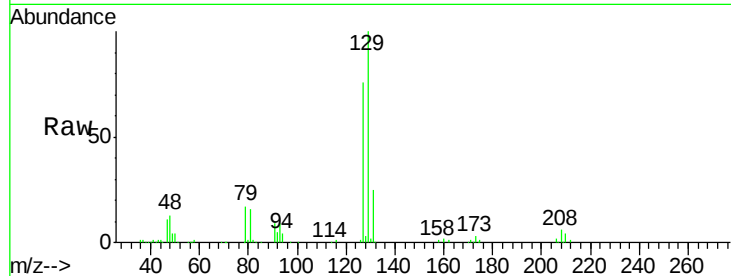
127 77.7 38.6 116.0

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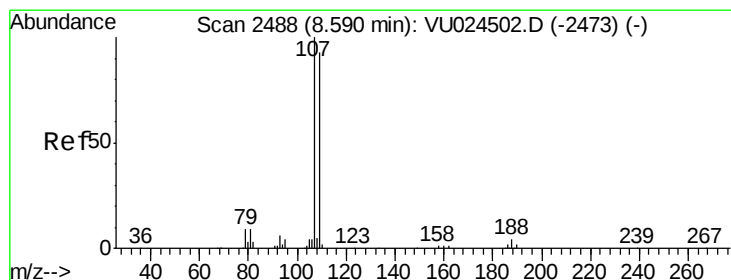
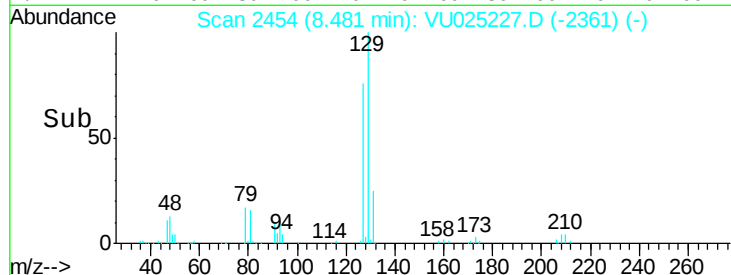
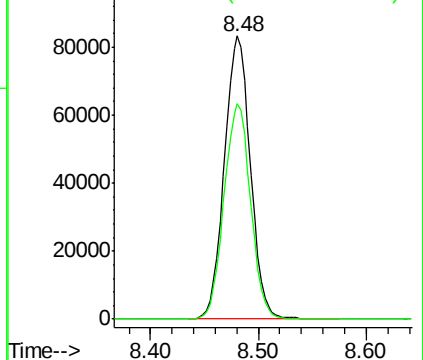
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 56.902 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025227.D

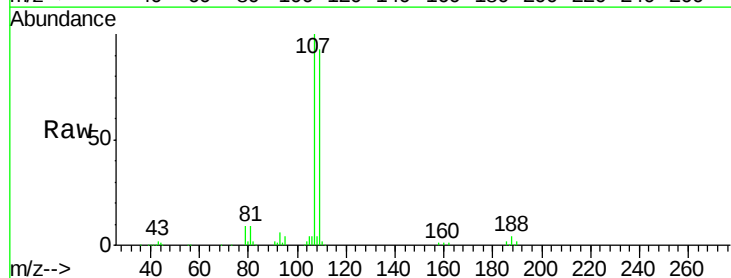
Acq: 05 Jul 2018 19:54

Tgt Ion:107 Resp: 134905

Ion Ratio Lower Upper

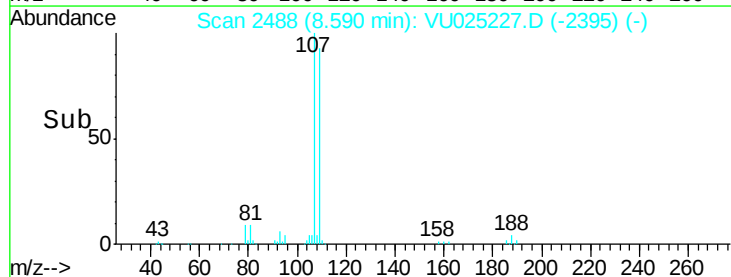
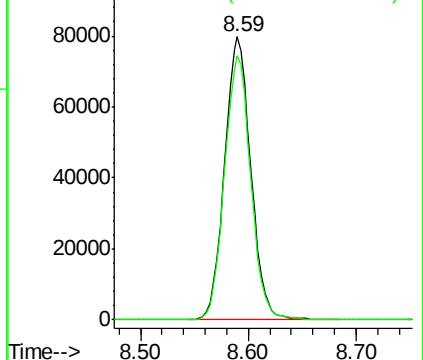
107 100

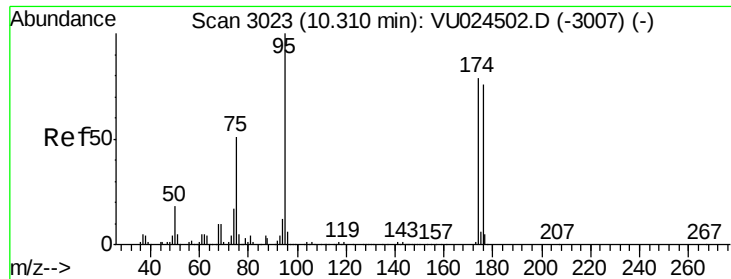
109 93.7 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





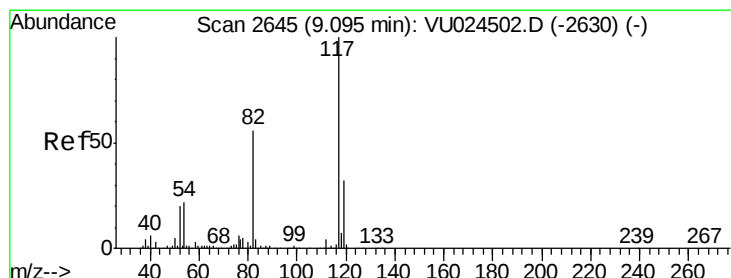
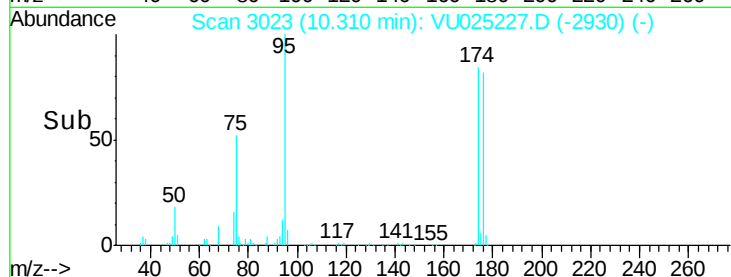
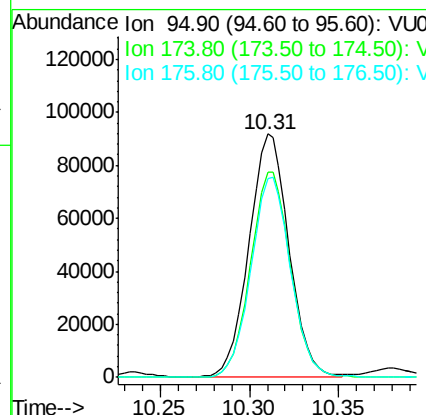
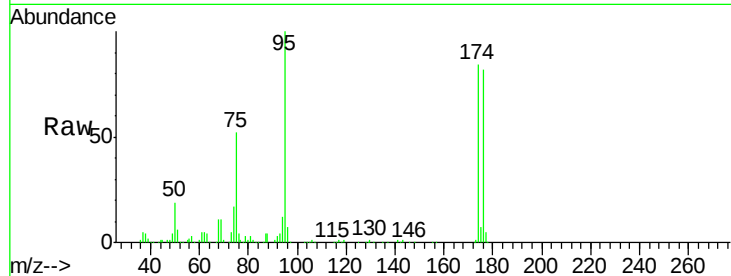
#62
4-Bromofluorobenzene
Concen: 49.223 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	143917		
174	84.5	0.0	165.8	
176	81.8	0.0	159.4	

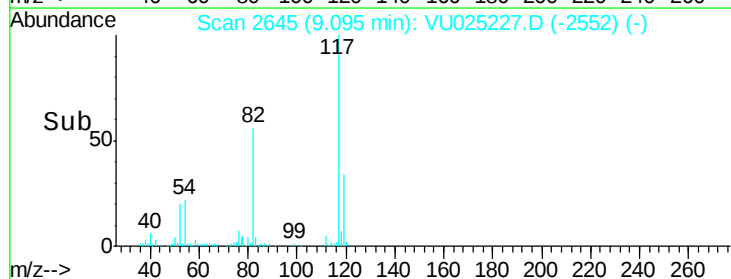
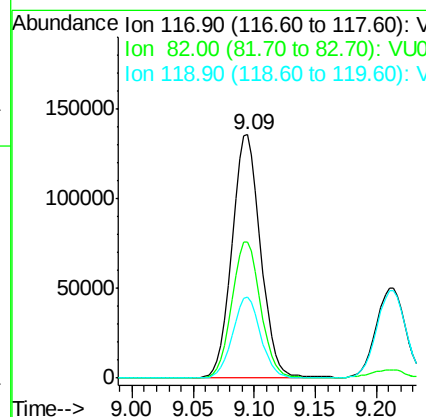
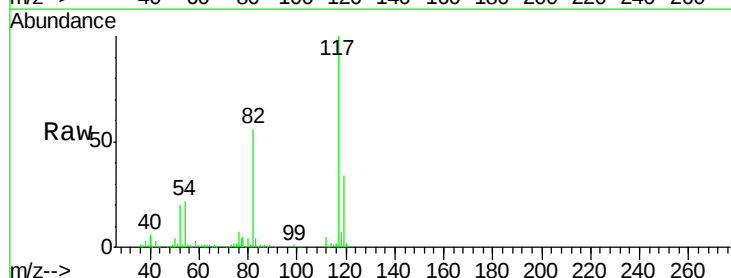
Manual Integrations
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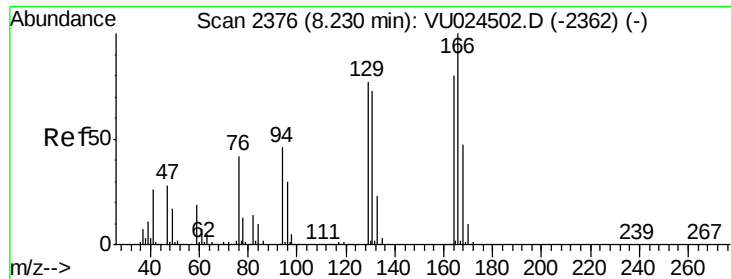
sam
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	223352		
82	56.2	44.3	66.5	
119	33.6	25.4	38.2	





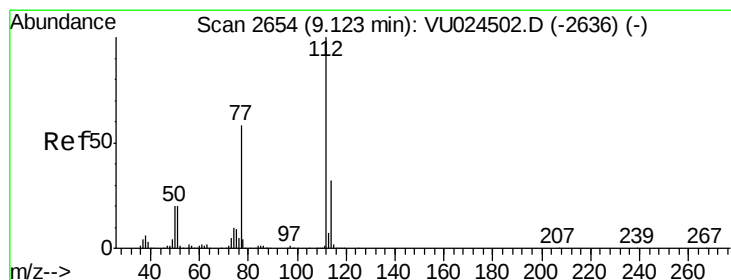
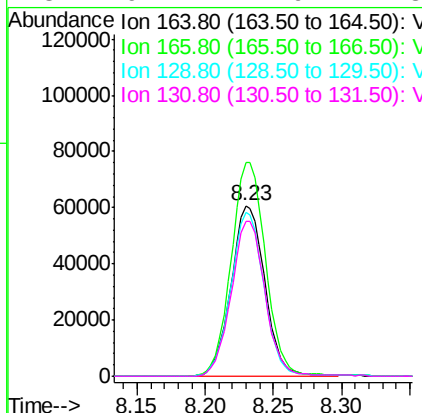
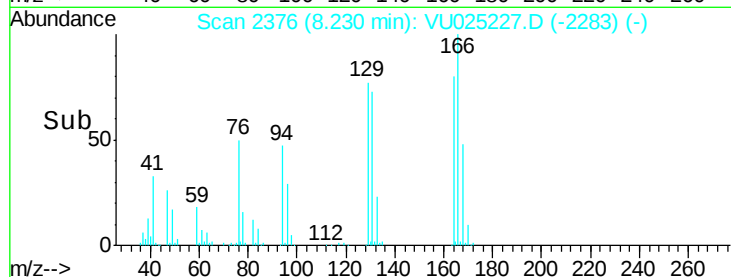
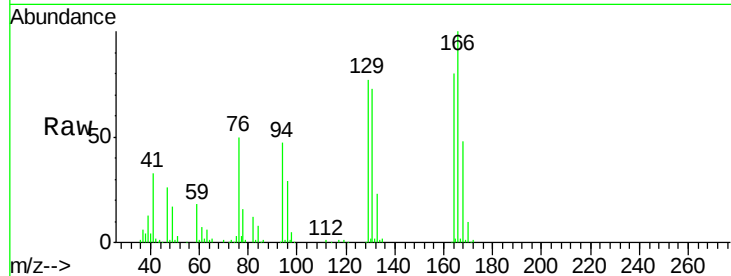
#64
Tetrachloroethene
Concen: 49.403 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	125.4	101.7	152.5	
129	96.5	76.9	115.3	
131	91.1	74.9	112.3	

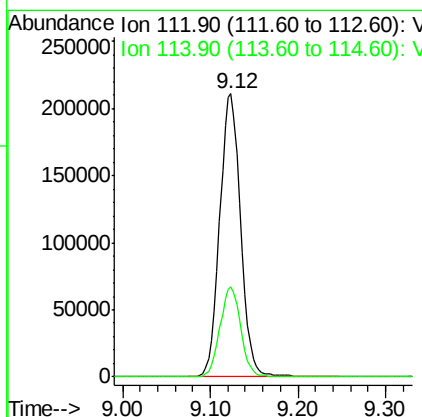
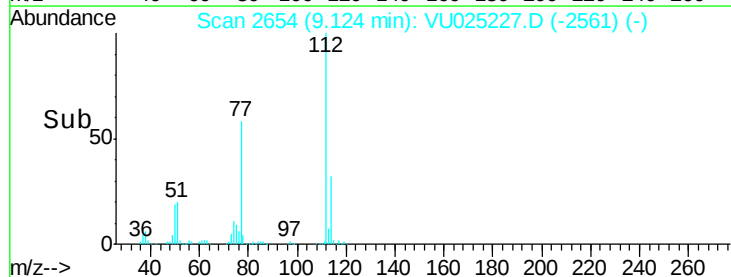
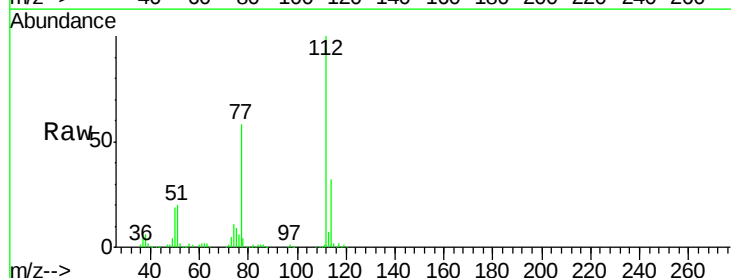
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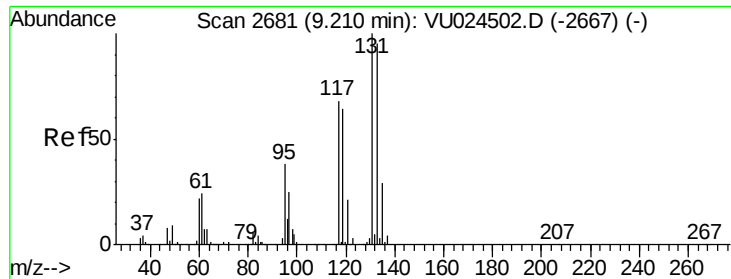
sam
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#65
Chlorobenzene
Concen: 61.391 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	31.9	25.6	38.4	





#66

1,1,1,2-Tetrachloroethane

Concen: 58.394 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Instrument :

MSVOA_U

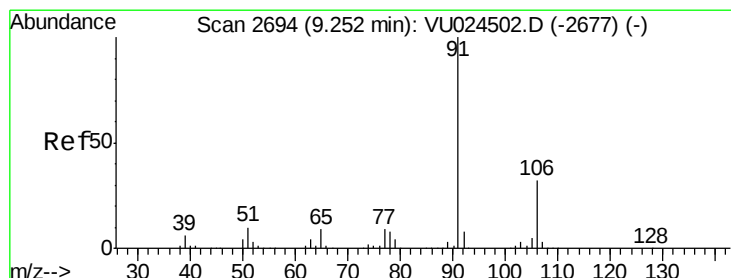
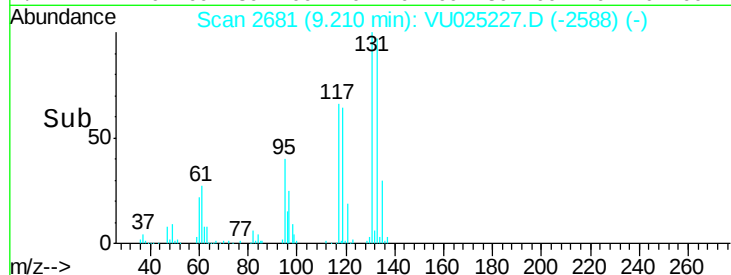
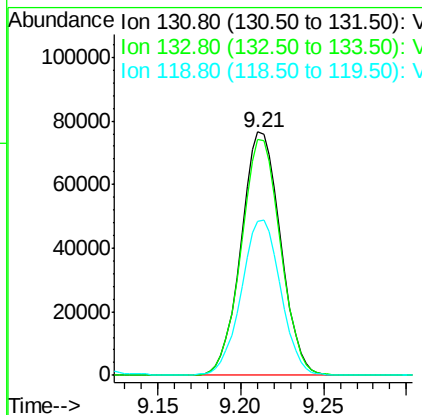
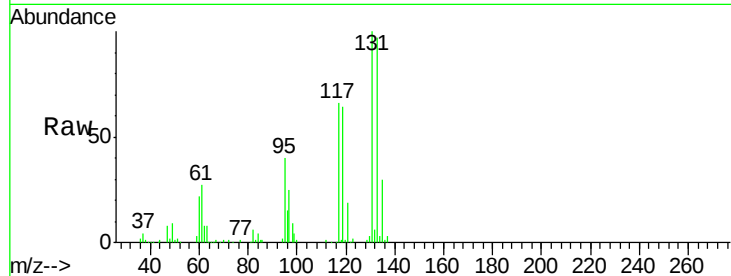
ClientSampleId :

WP021MW472-180628MSD

Tot Ion:	131	Resp:	126584
Ion Ratio	Lower	Upper	
131	100		
133	96.6	46.9	140.8
119	64.0	33.5	100.4

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#67

Ethyl Benzene

Concen: 56.277 ug/l

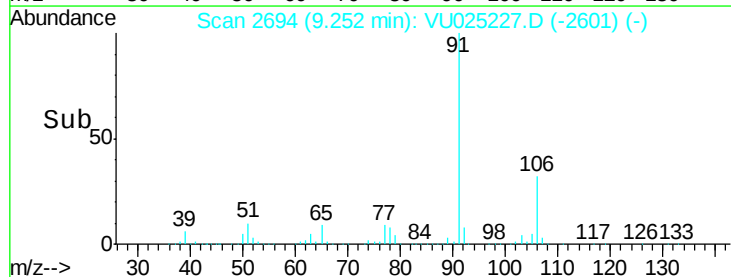
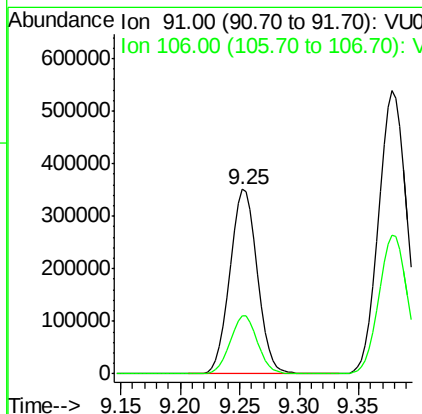
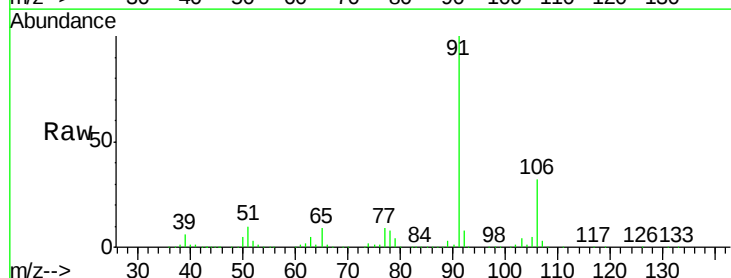
RT: 9.25 min Scan# 2694

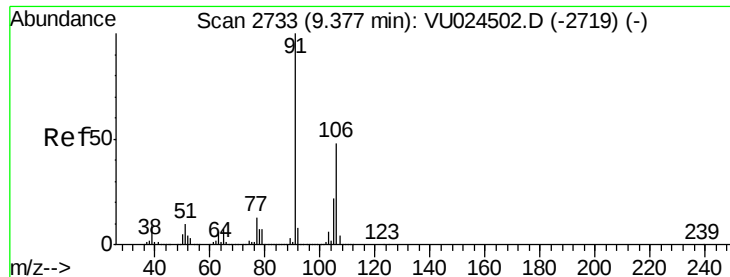
Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Tgt Ion:	91	Resp:	562928
Ion Ratio	Lower	Upper	
91	100		
106	31.7	24.2	36.4





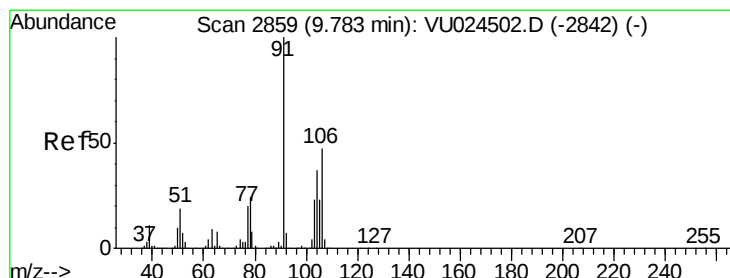
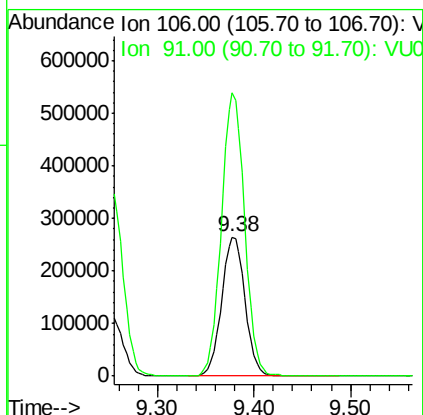
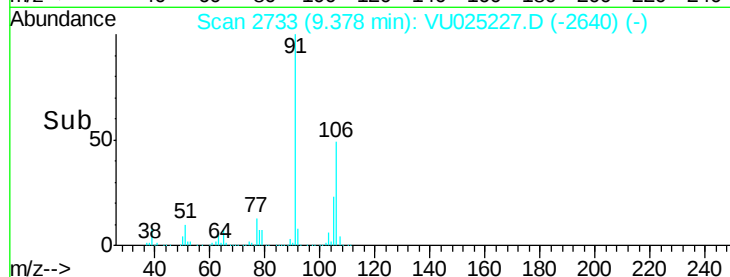
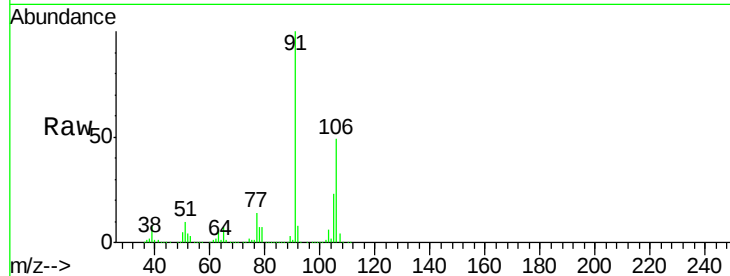
#68
m/p-Xylenes
Concen: 115.182 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MSD

Tot Ion:106 Resp: 442421
Ion Ratio Lower Upper
106 100
91 202.4 166.5 249.7

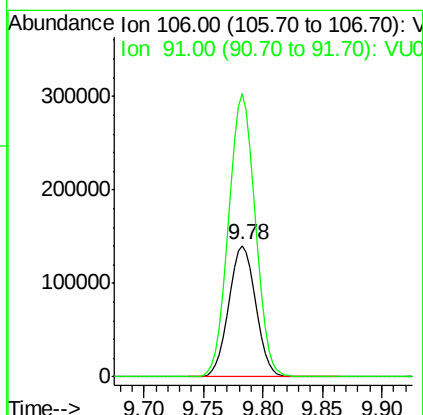
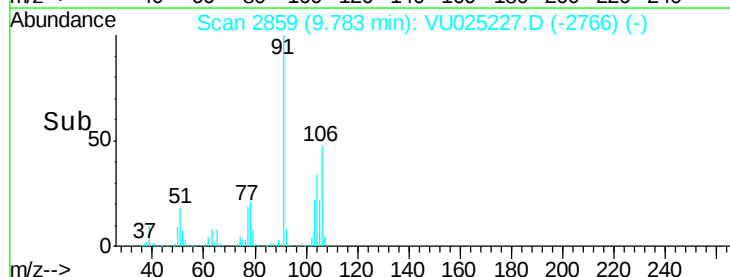
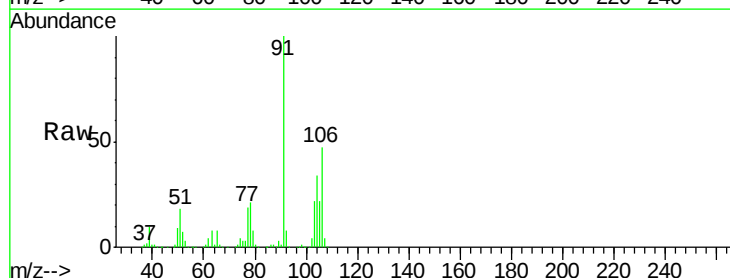
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#69
o-Xylene
Concen: 58.238 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Tgt Ion:106 Resp: 221383
Ion Ratio Lower Upper
106 100
91 213.9 110.7 331.9





#70

Stvrene

Concen: 55.682 ug/l

RT: 9.80 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Instrument :

MSVOA_U

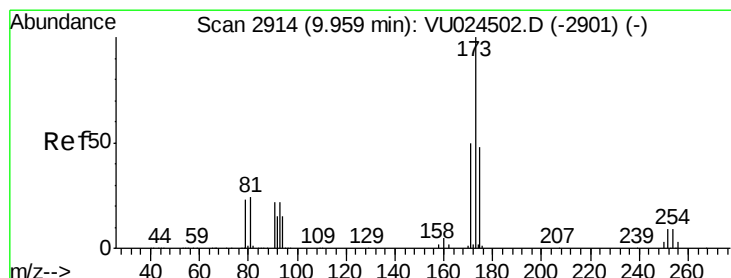
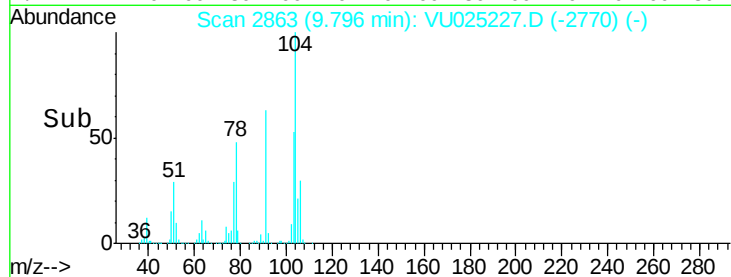
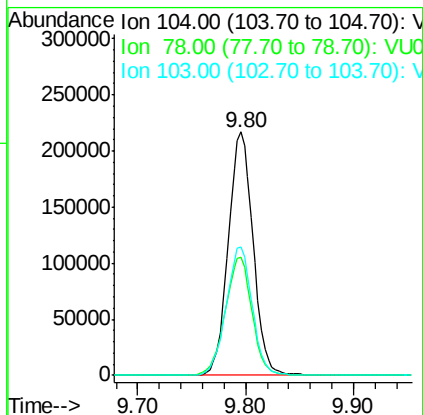
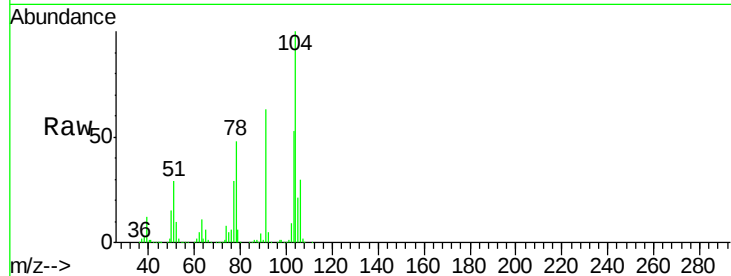
ClientSampleId :

WP021MW472-180628MSD

Tot Ion:	104	Resp:	347841
Ion Ratio	Lower	Upper	
104	100		
78	52.1	40.6	60.8
103	55.5	44.7	67.1

Manual Integrations
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#71

Bromoform

Concen: 53.062 ug/l

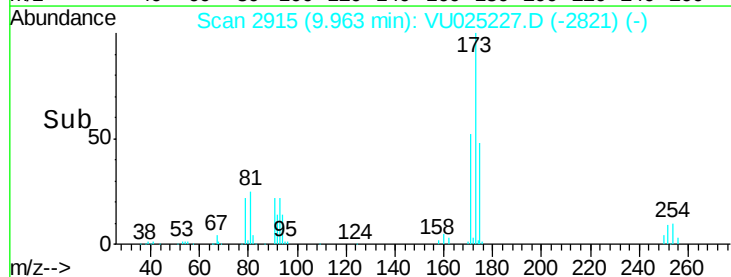
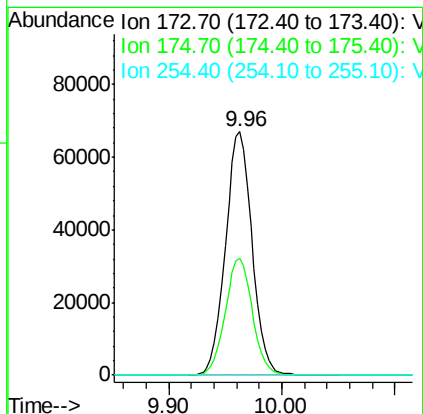
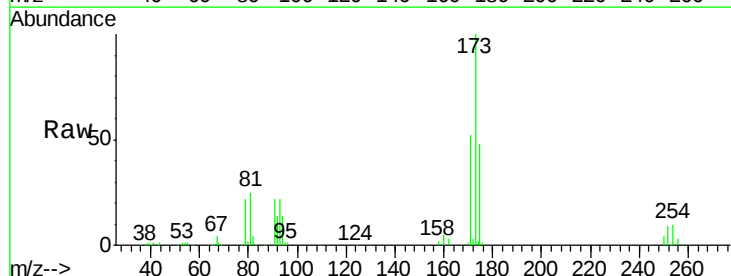
RT: 9.96 min Scan# 2915

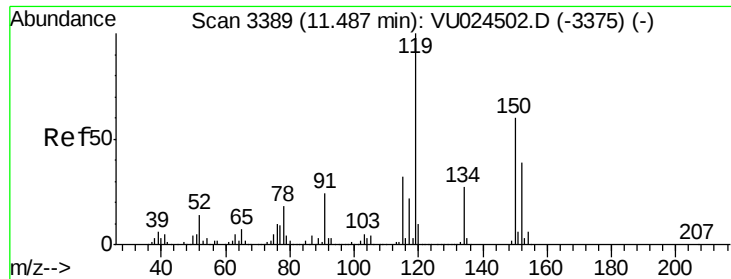
Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Tgt Ion:	173	Resp:	109331
Ion Ratio	Lower	Upper	
173	100		
175	48.9	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: VU025227.D

Acq: 05 Jul 2018 19:54

Instrument :

MSVOA_U

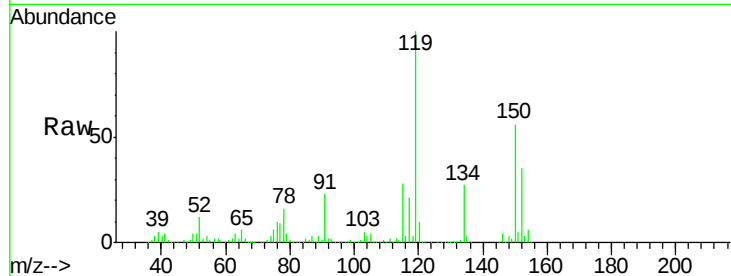
ClientSampleId :

WP021MW472-180628MSD

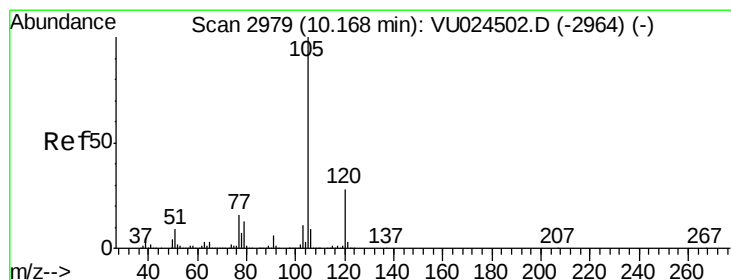
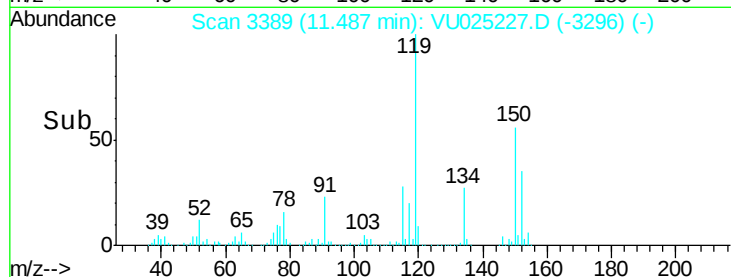
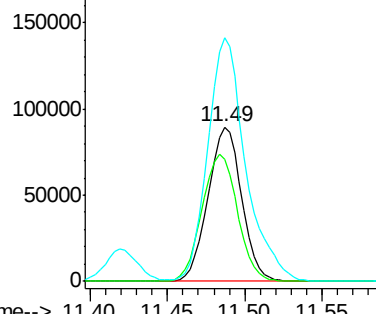
Tot Ion:	152	Resp:	135204
Ion Ratio	Lower	Upper	
152	100		
115	86.8	43.0	129.0
150	177.8	0.0	354.0

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



#73

Isopropylbenzene

Concen: 57.967 ug/l

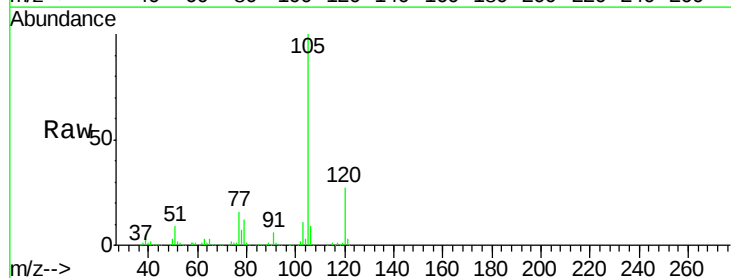
RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

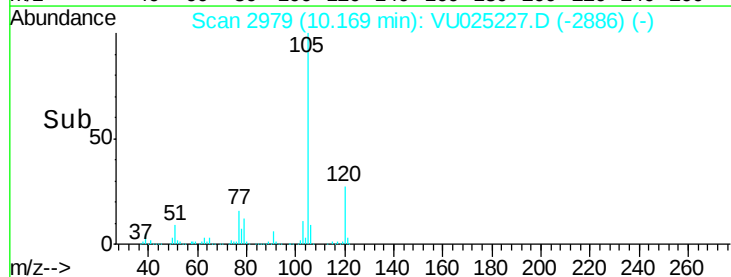
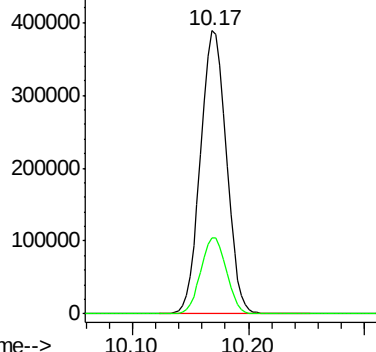
Lab File: VU025227.D

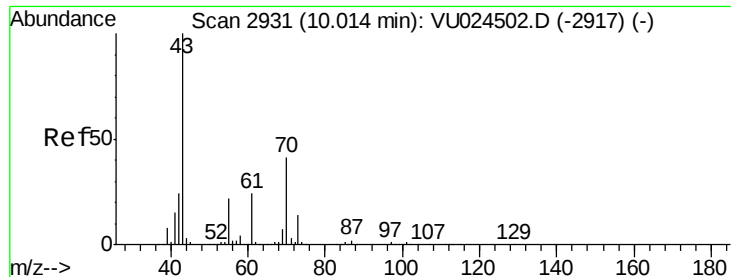
Acq: 05 Jul 2018 19:54

Tgt Ion:	105	Resp:	601720
Ion Ratio	Lower	Upper	
105	100		
120	26.7	13.2	39.6



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





#74

N-amvl acetate

Concen: 51.735 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Instrument :

MSVOA_U

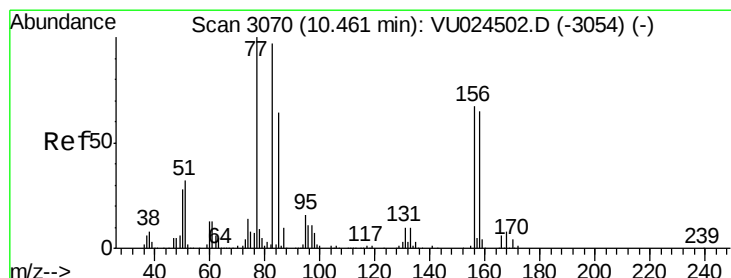
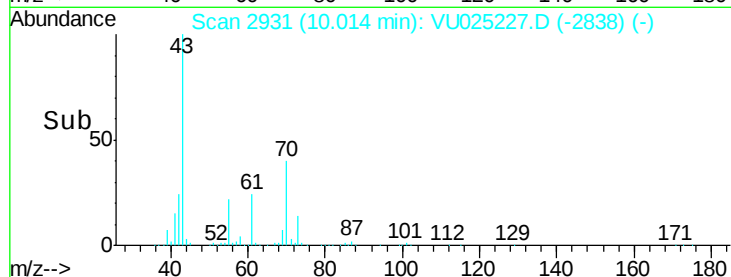
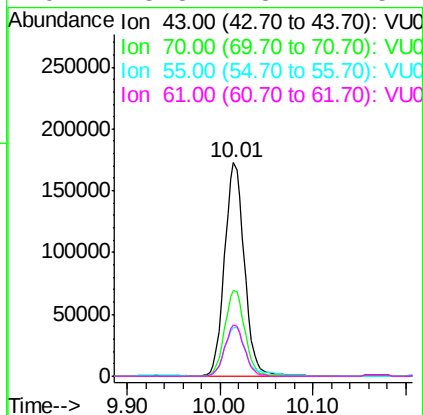
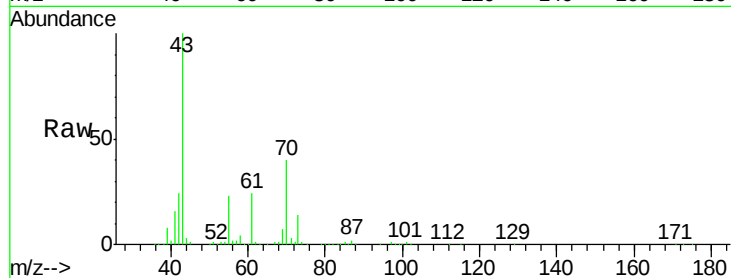
ClientSampleId :

WP021MW472-180628MSD

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	41.0	32.2	48.4	
55	25.5	20.5	30.7	
61	23.8	18.7	28.1	

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#75

1,1,2,2-Tetrachloroethane

Concen: 60.271 ug/l

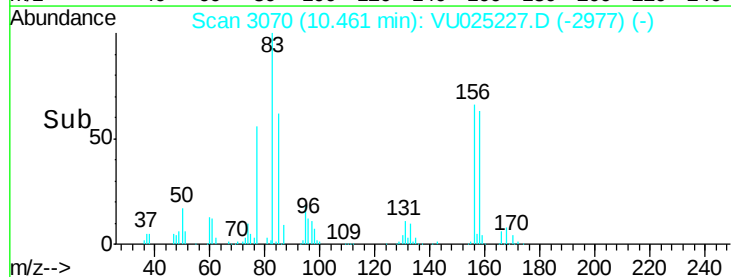
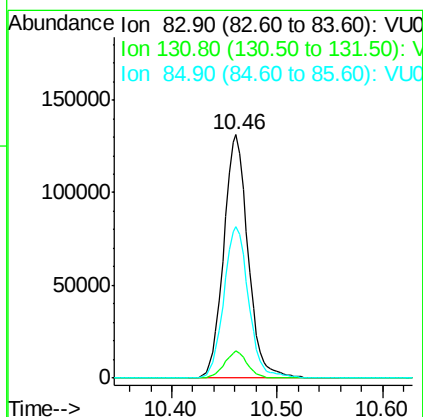
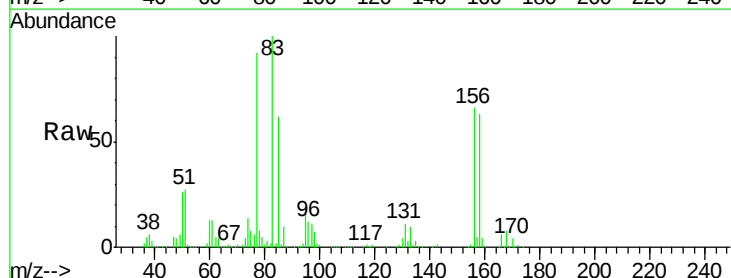
RT: 10.46 min Scan# 3070

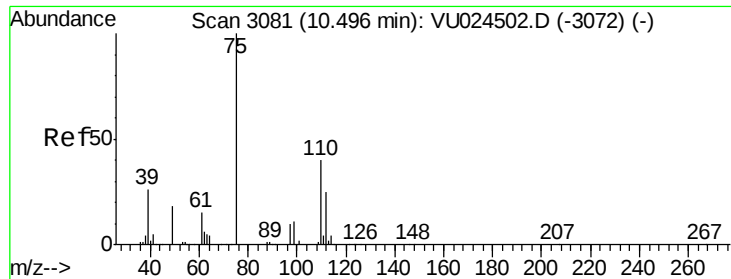
Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.5	4.7	14.1	
85	63.5	32.5	97.5	





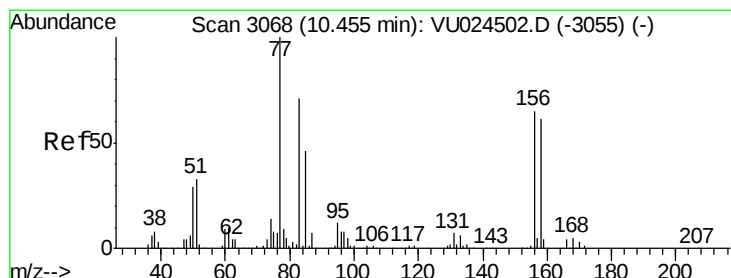
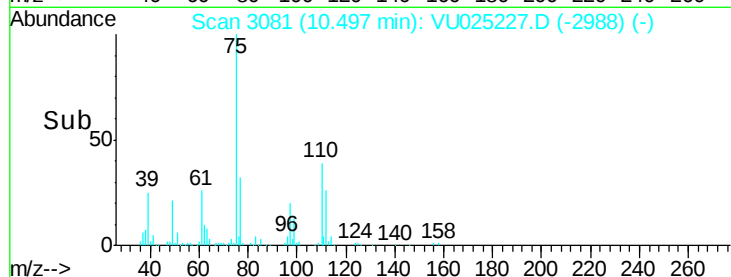
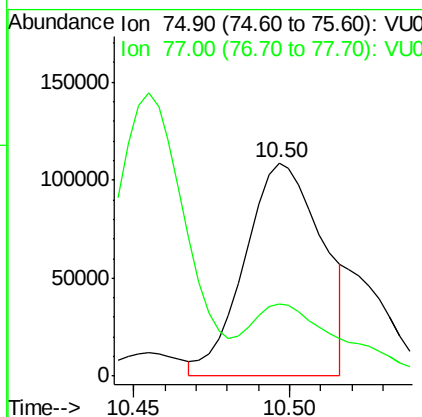
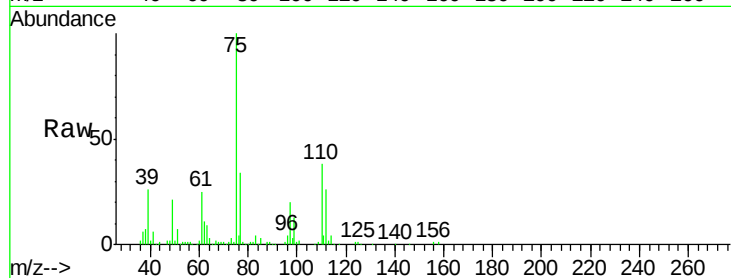
#76
 1,2,3-Trichloropropane
 Concen: 62.486 ug/l m
 RT: 10.50 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: VU025227.D
 Acq: 05 Jul 2018 19:54

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MSD

Tot Ion: 75 Resp: 186001
 Ion Ratio Lower Upper
 75 100
 77 41.3 20.9 62.7

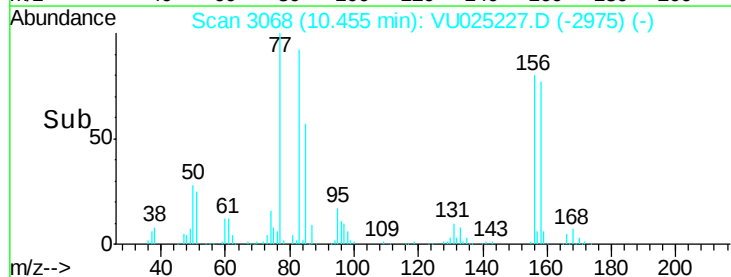
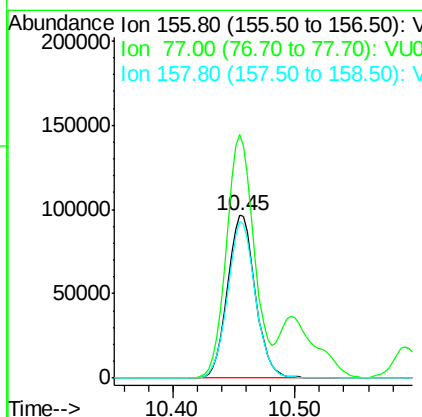
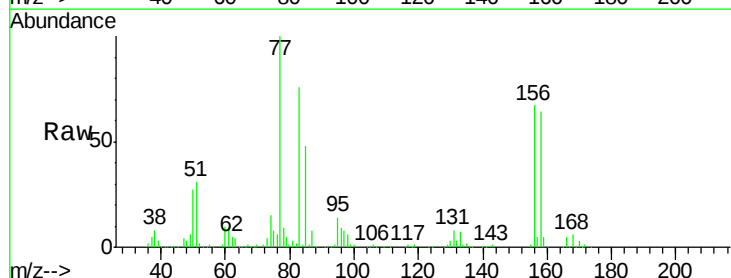
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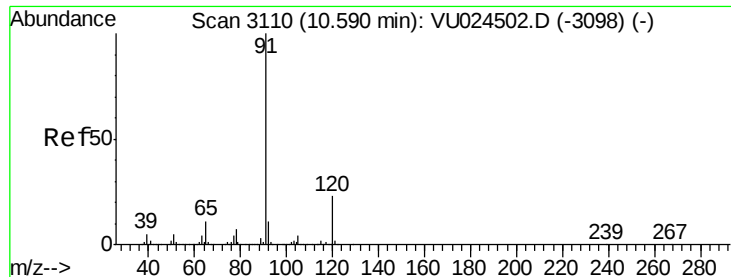
sam
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#77
 Bromobenzene
 Concen: 58.668 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. 0.00 min
 Lab File: VU025227.D
 Acq: 05 Jul 2018 19:54

Tgt Ion: 156 Resp: 154175
 Ion Ratio Lower Upper
 156 100
 77 148.4 80.5 241.3
 158 95.8 48.2 144.6





#78

n-propylbenzene

Concen: 55.586 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628MSD

Tot Ion: 91 Resp: 679704

Ion Ratio Lower Upper

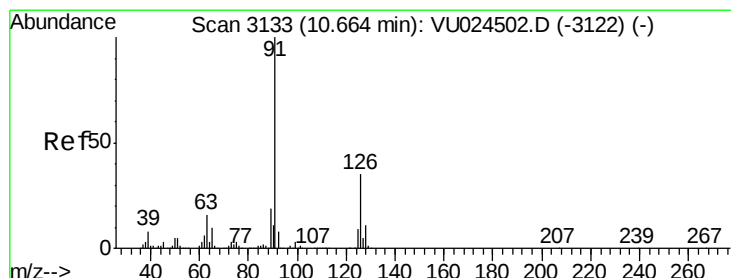
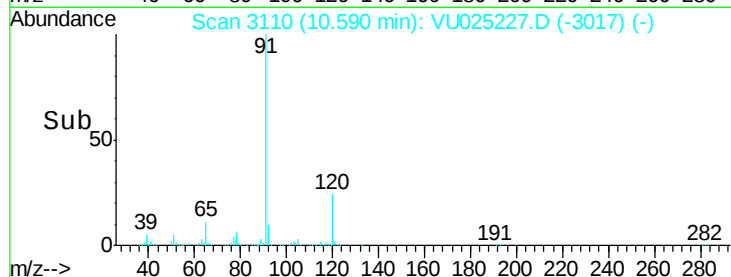
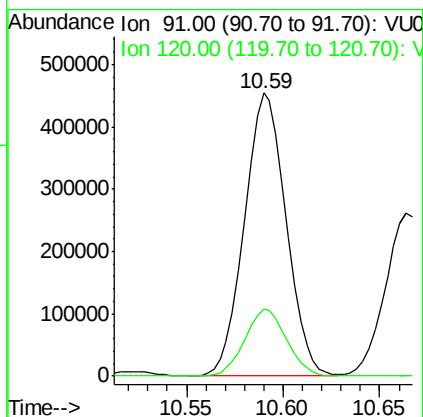
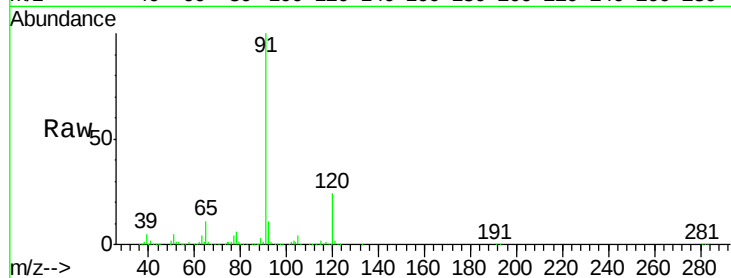
91 100

120 23.8 11.2 33.5

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#79

2-Chlorotoluene

Concen: 56.055 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025227.D

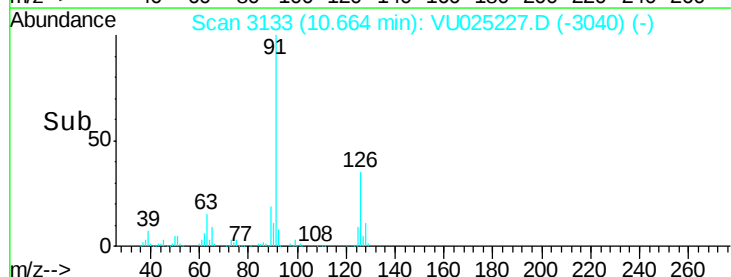
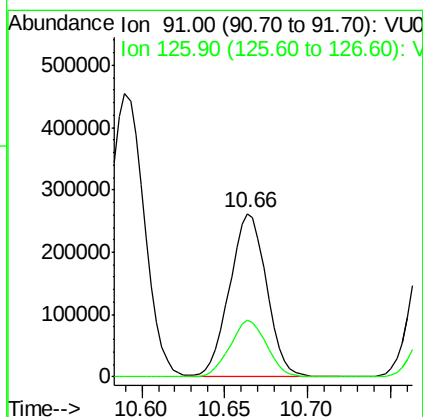
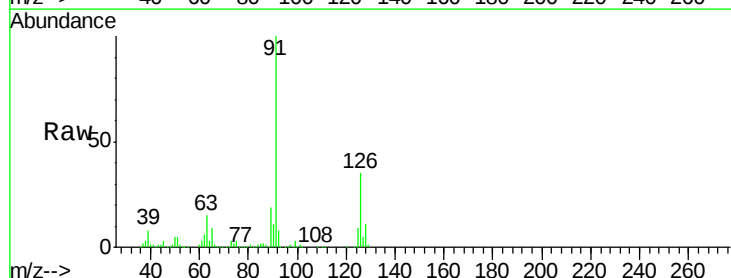
Acq: 05 Jul 2018 19:54

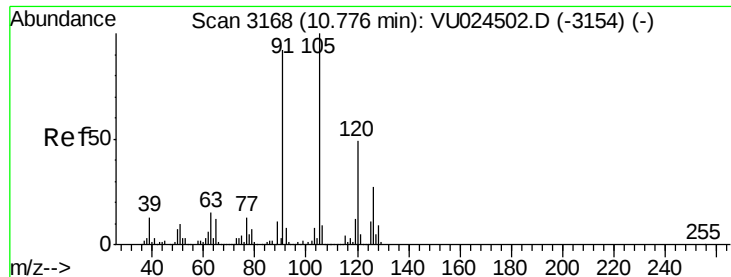
Tgt Ion: 91 Resp: 404216

Ion Ratio Lower Upper

91 100

126 34.8 16.9 50.7





#80

1,3,5-Trimethylbenzene

Concen: 55.477 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628MSD

Tot Ion: 105 Resp: 499131

Ion Ratio Lower Upper

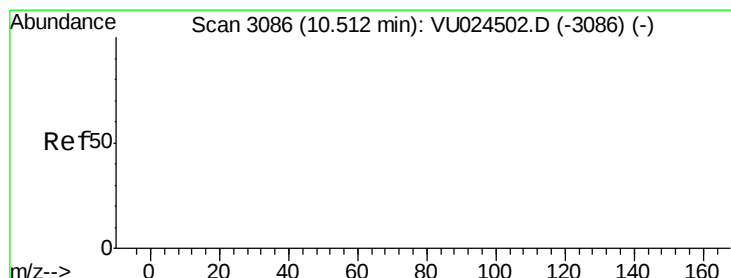
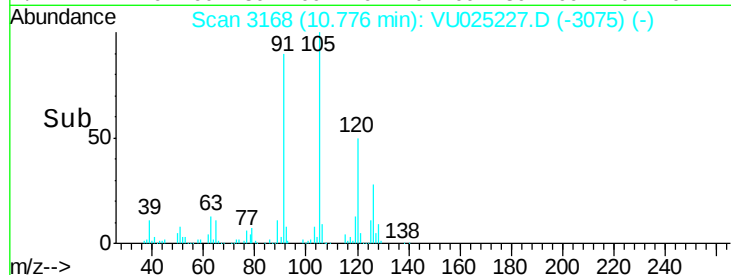
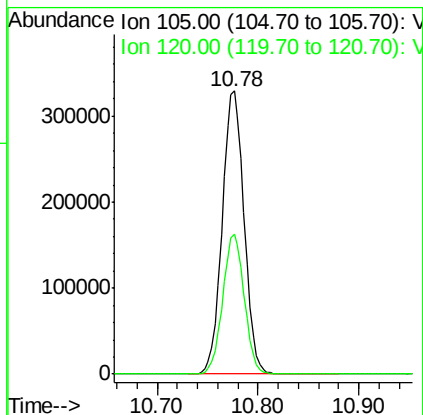
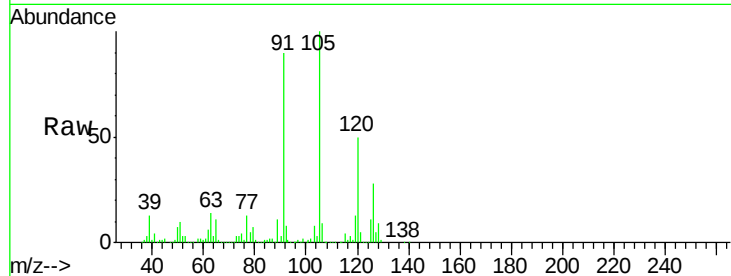
105 100

120 48.8 24.1 72.2

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#81

trans-1,4-Dichloro-2-butene

Concen: 50.096 ug/l m

RT: 10.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

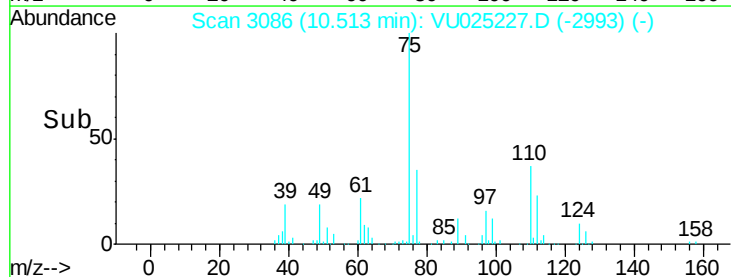
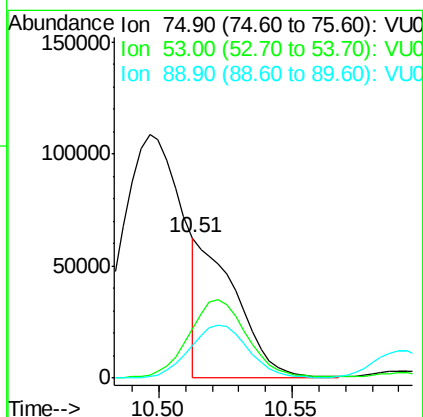
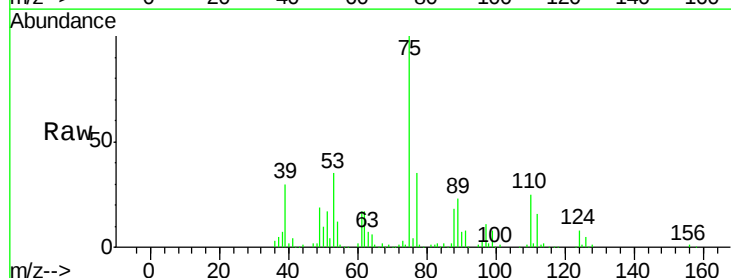
Tgt Ion: 75 Resp: 64431

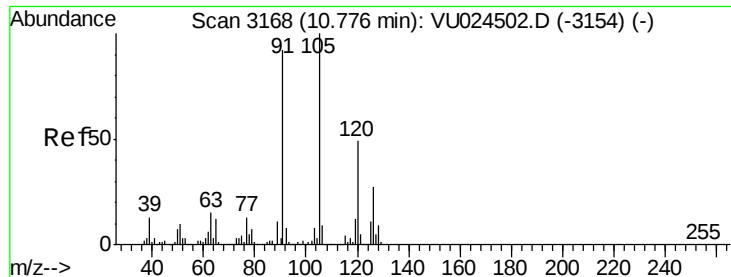
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0





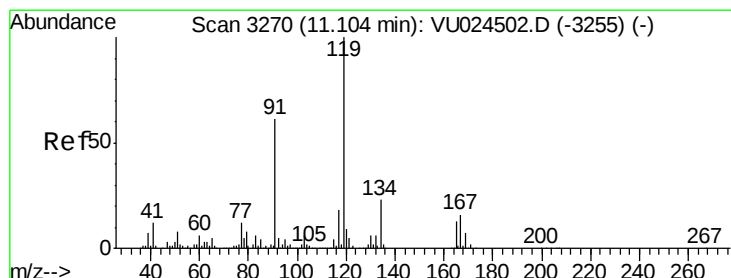
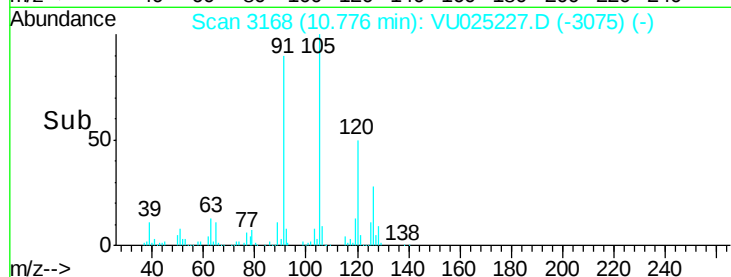
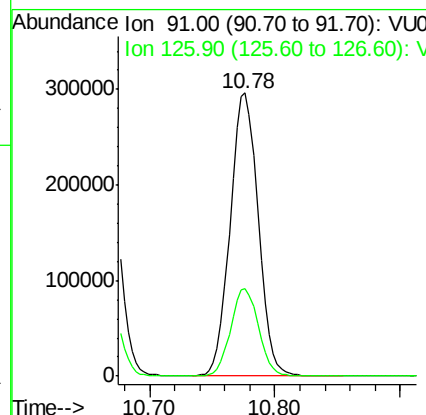
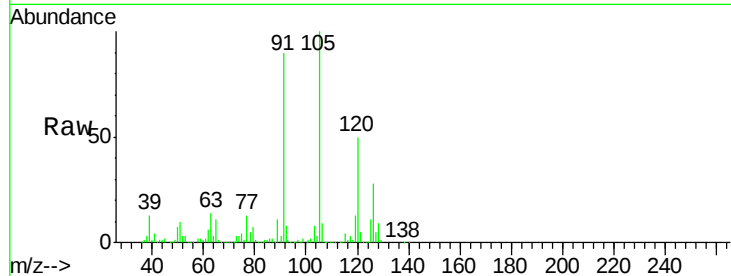
#82
4-Chlorotoluene
Concen: 54.563 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100	457945		
126	30.8	14.9	44.9	

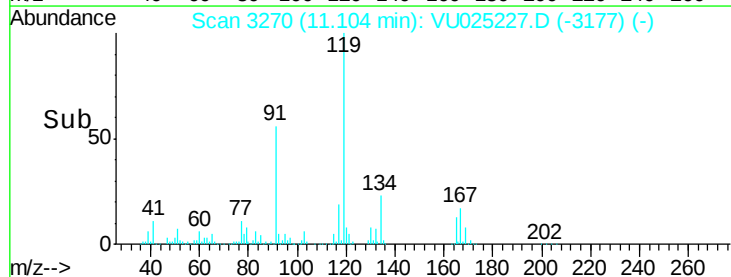
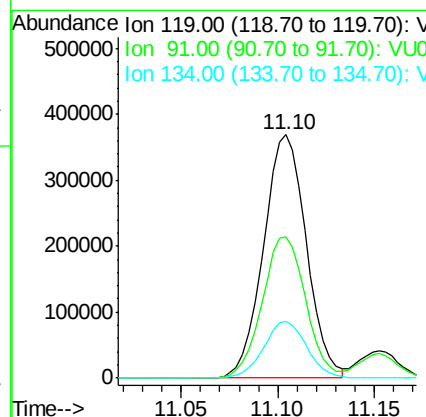
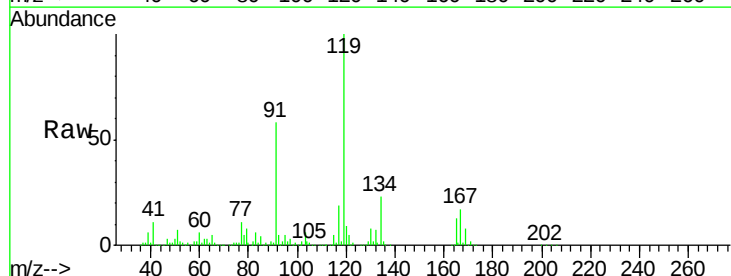
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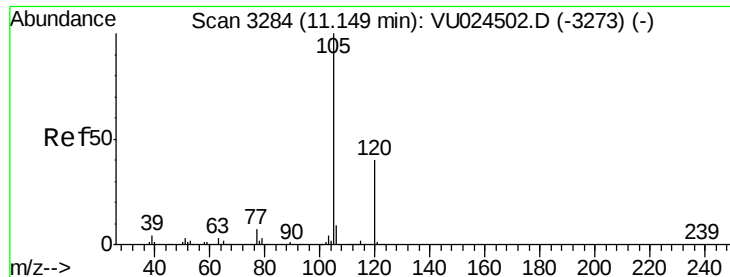
sam
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#83
tert-Butylbenzene
Concen: 65.833 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	569758		
91	58.9	29.7	89.1	
134	23.3	11.6	34.7	





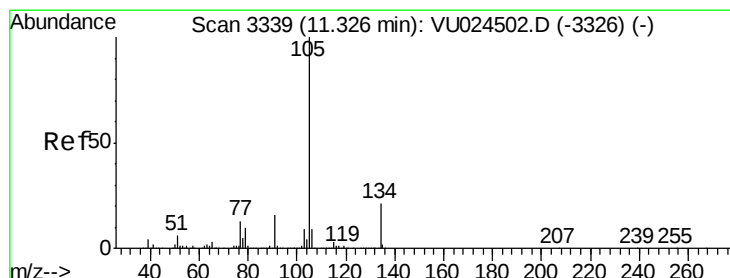
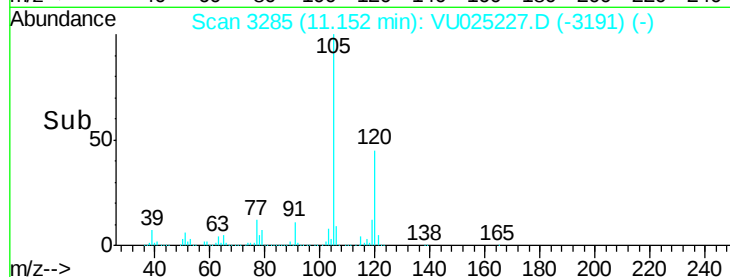
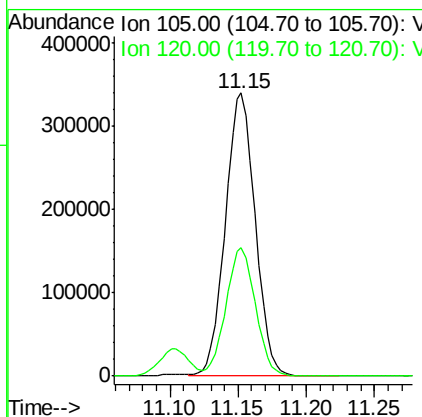
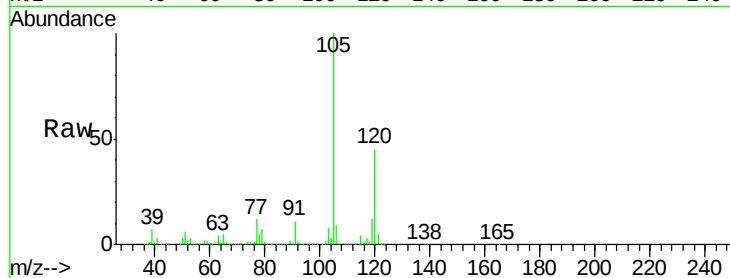
#84
 1,2,4-Trimethylbenzene
 Concen: 56.137 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025227.D
 Acq: 05 Jul 2018 19:54

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.8

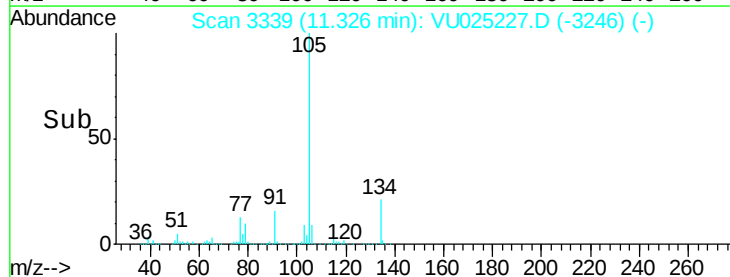
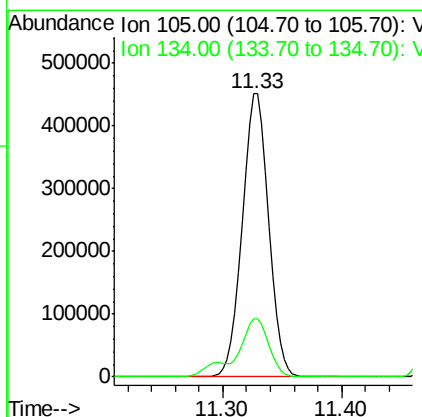
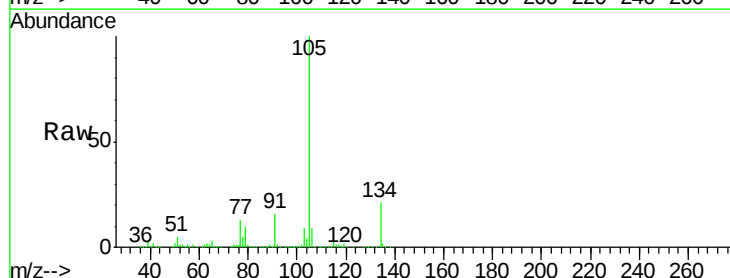
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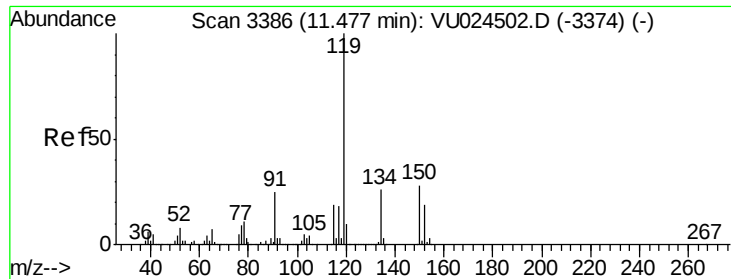
sam
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#85
 sec-Butylbenzene
 Concen: 63.943 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025227.D
 Acq: 05 Jul 2018 19:54

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.2	9.7	29.1





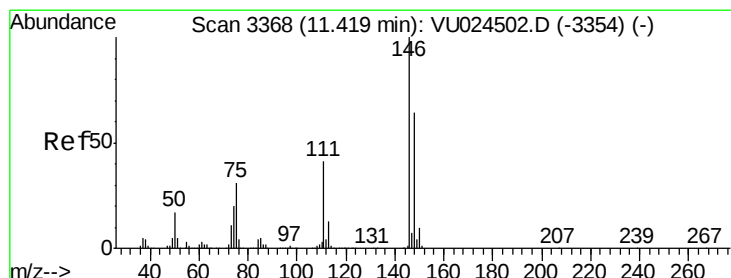
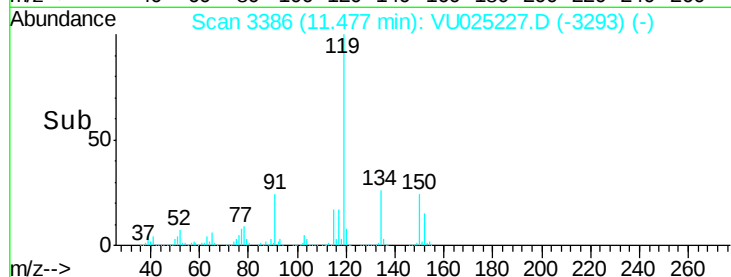
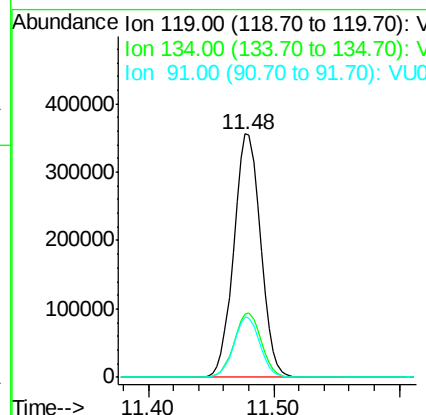
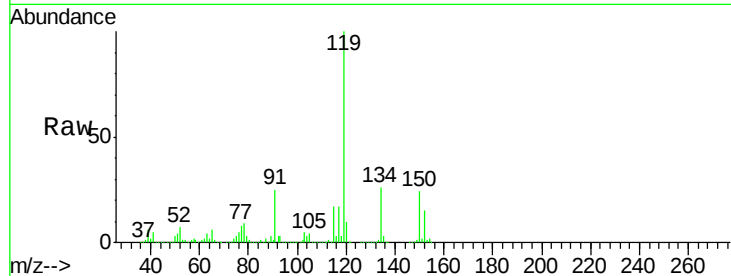
#86
 p-Isopropyltoluene
 Concen: 54.413 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU025227.D
 Acq: 05 Jul 2018 19:54

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.5	12.9	38.6
91	24.2	12.0	36.1

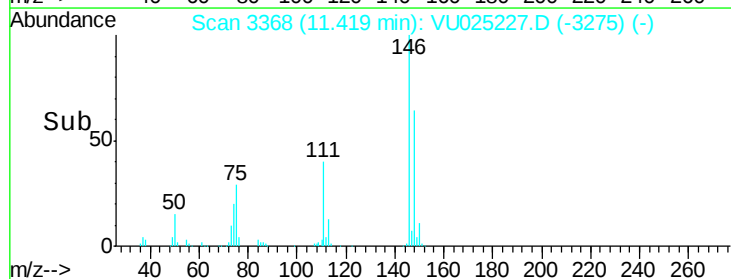
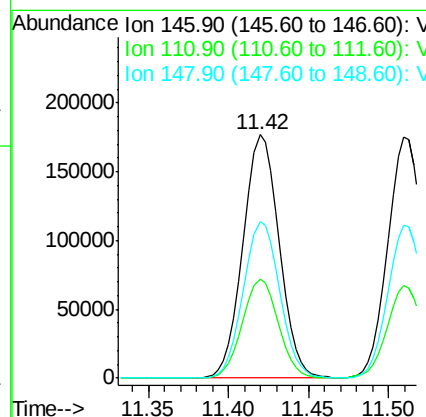
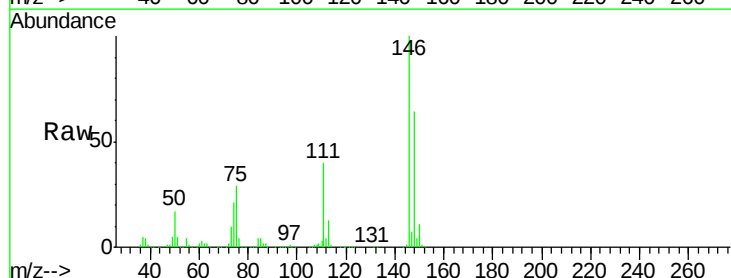
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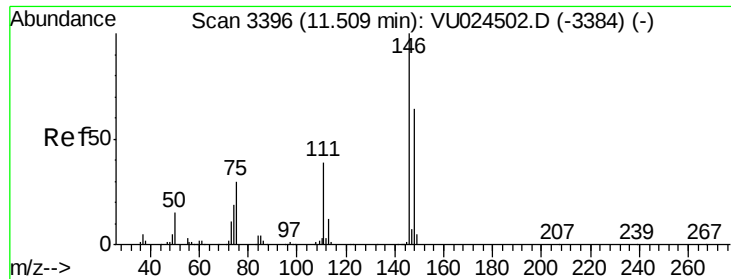
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#87
 1,3-Dichlorobenzene
 Concen: 56.149 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025227.D
 Acq: 05 Jul 2018 19:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	60.0
148	64.7	32.1	96.5





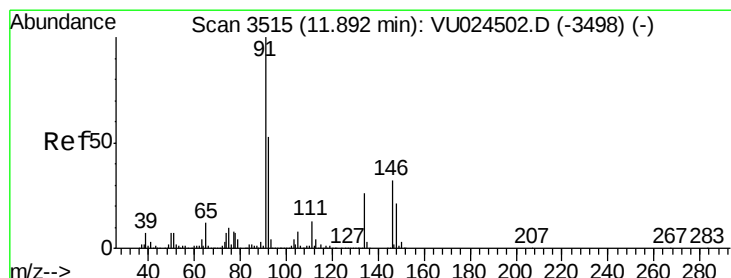
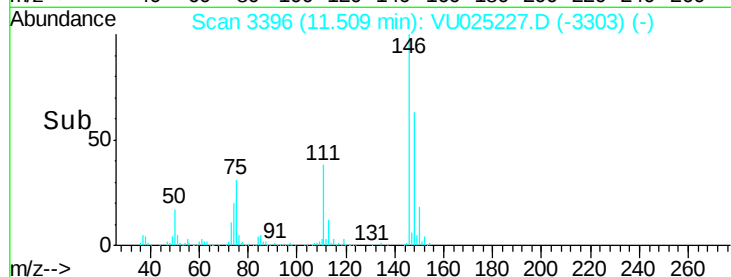
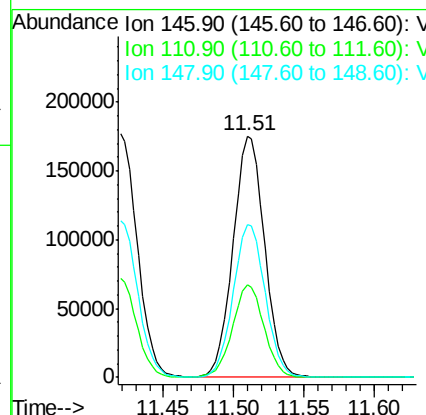
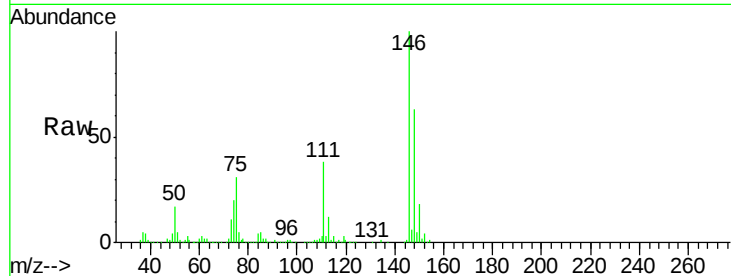
#88
 1,4-Dichlorobenzene
 Concen: 56.035 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025227.D
 Acq: 05 Jul 2018 19:54

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.5	58.5
148	64.5	32.4	97.0

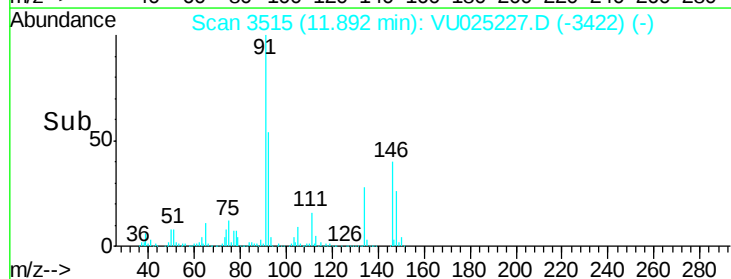
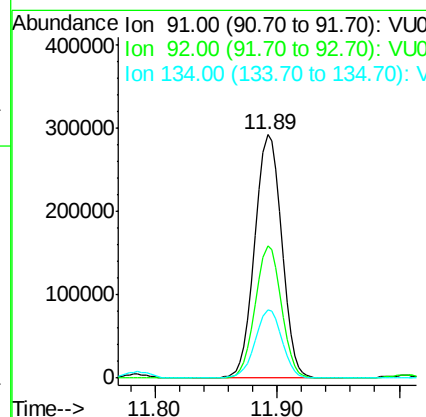
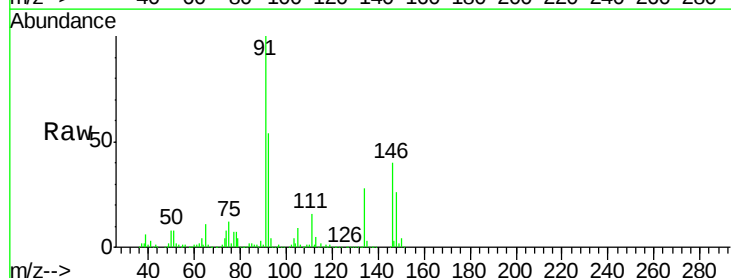
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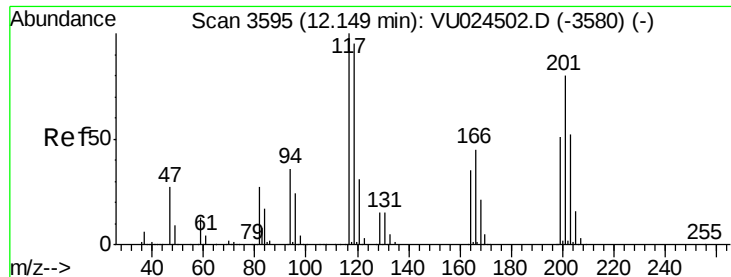
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#89
 n-Butylbenzene
 Concen: 51.498 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU025227.D
 Acq: 05 Jul 2018 19:54

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	25.6	76.8
134	28.0	12.3	36.8





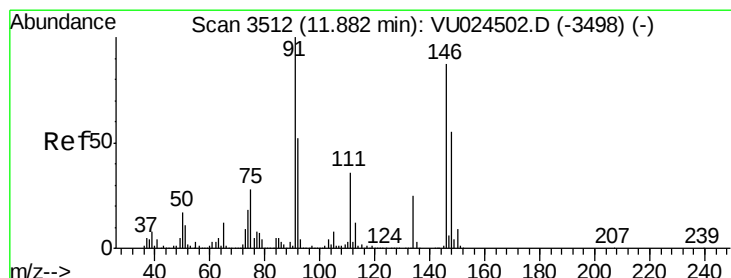
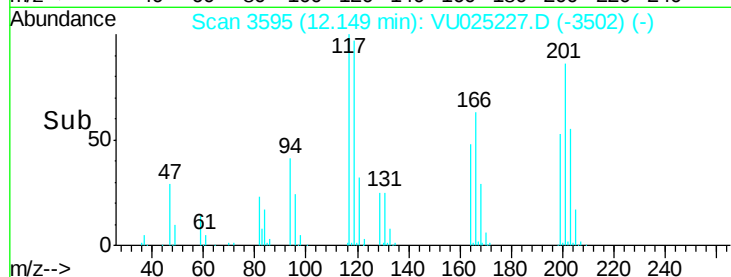
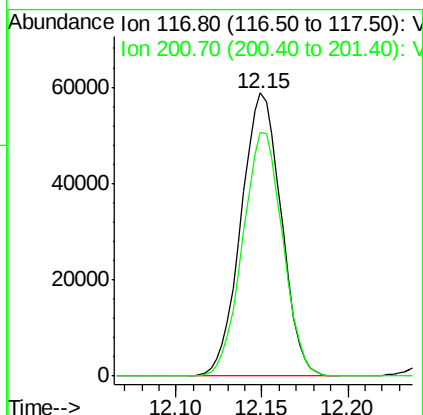
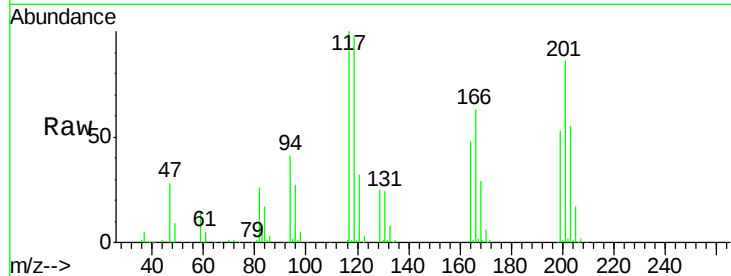
#90
Hexachloroethane
Concen: 50.400 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MSD

Tot Ion:117 Resp: 95392
Ion Ratio Lower Upper
117 100
201 85.7 41.1 123.3

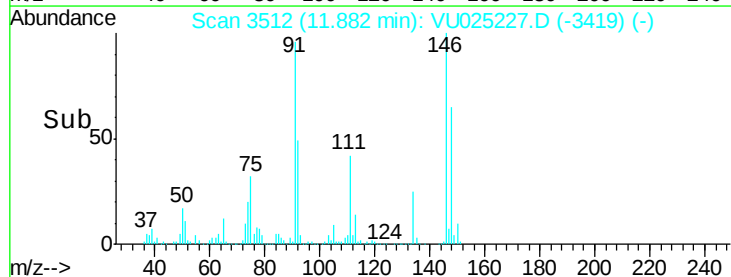
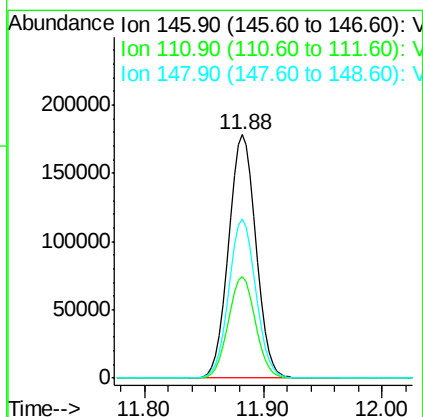
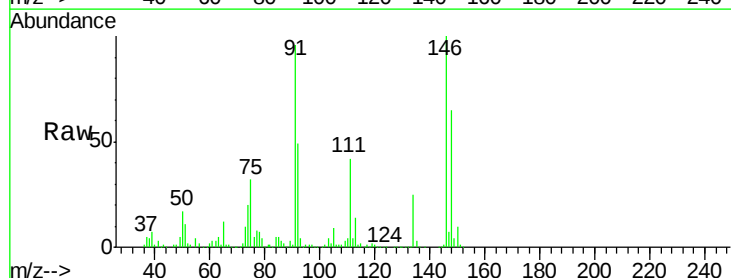
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#91
1,2-Dichlorobenzene
Concen: 58.346 ug/l
RT: 11.88 min Scan# 3512
Delta R.T. 0.00 min
Lab File: VU025227.D
Acq: 05 Jul 2018 19:54

Tgt Ion:146 Resp: 283738
Ion Ratio Lower Upper
146 100
111 41.5 20.5 61.6
148 64.7 31.9 95.7





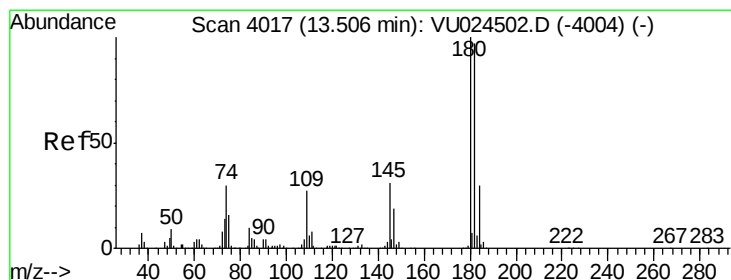
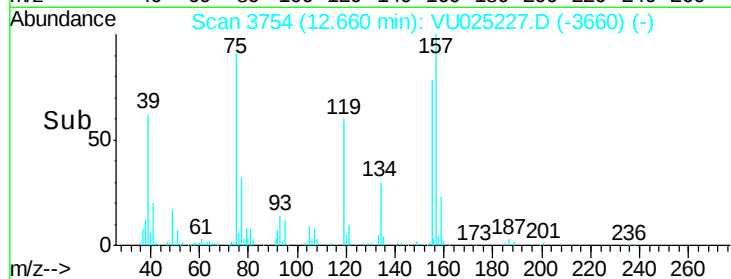
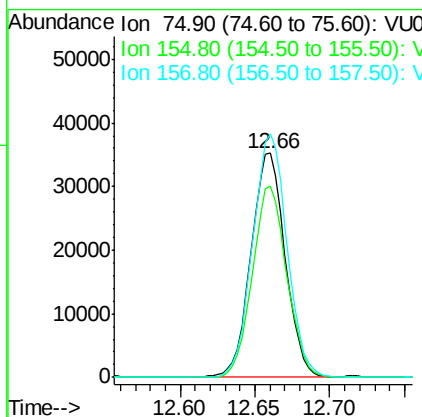
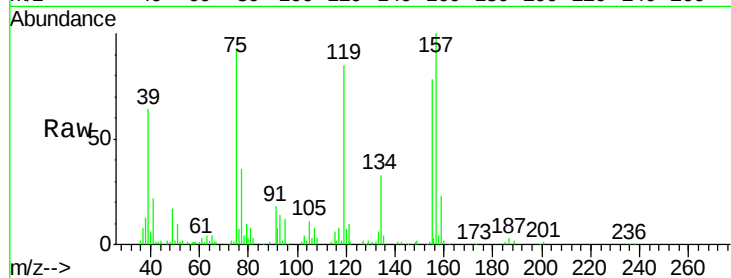
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.371 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025227.D
 Acq: 05 Jul 2018 19:54

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	85.5	40.4	121.2
157	109.0	52.3	156.8

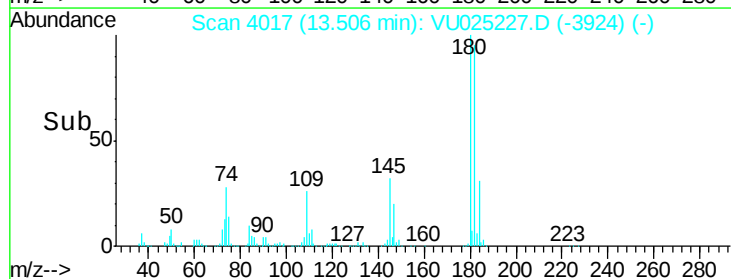
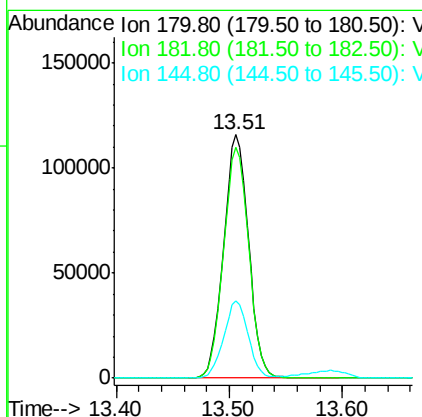
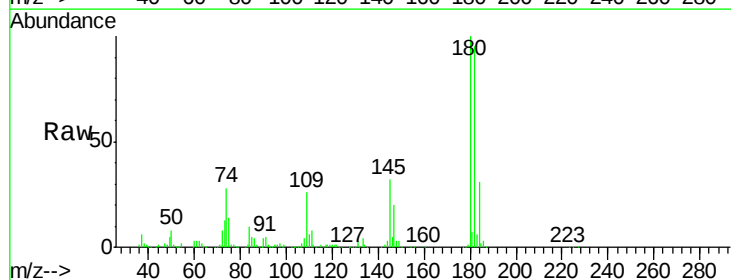
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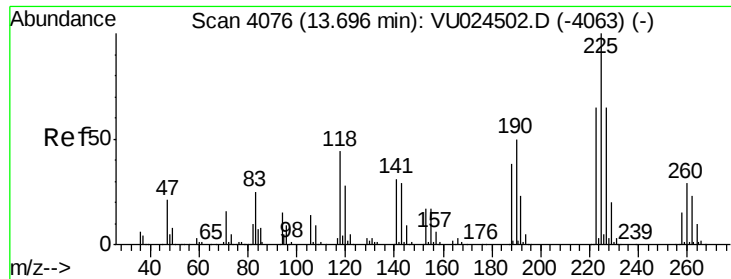
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#93
 1,2,4-Trichlorobenzene
 Concen: 59.333 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025227.D
 Acq: 05 Jul 2018 19:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.2
145	30.9	14.7	44.1





#94

Hexachlorobutadiene

Concen: 56.242 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Instrument :

MSVOA_U

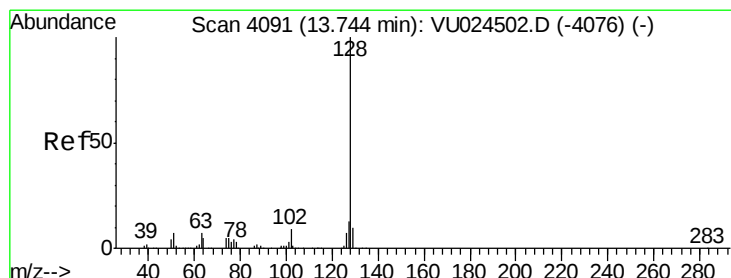
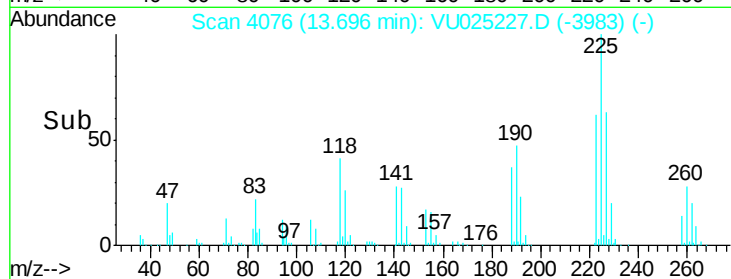
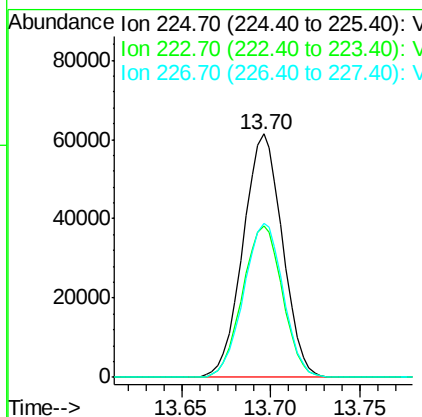
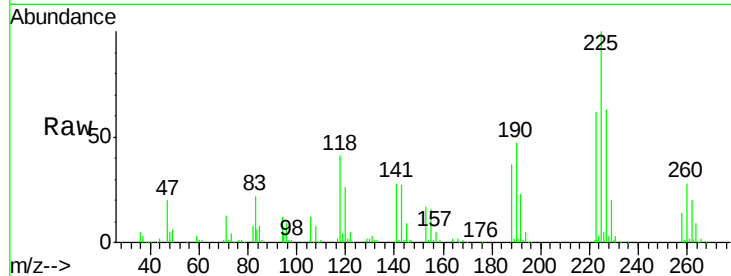
ClientSampleId :

WP021MW472-180628MSD

Tot Ion:	225	Resp:	95064
Ion Ratio	Lower	Upper	
225	100		
223	62.7	31.3	93.8
227	63.2	31.8	95.4

Manual Integrations
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#95

Naphthalene

Concen: 63.142 ug/l

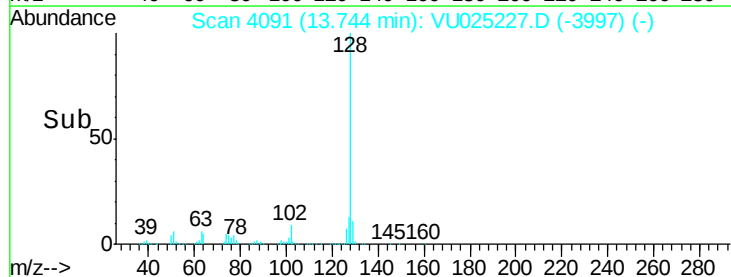
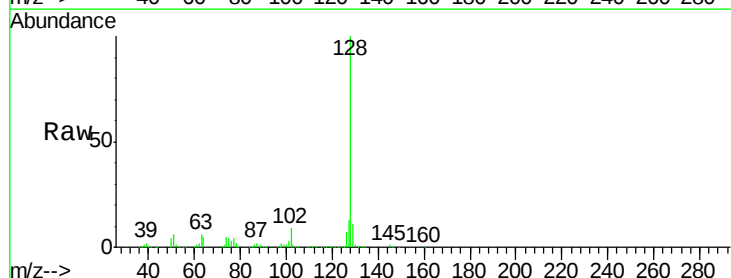
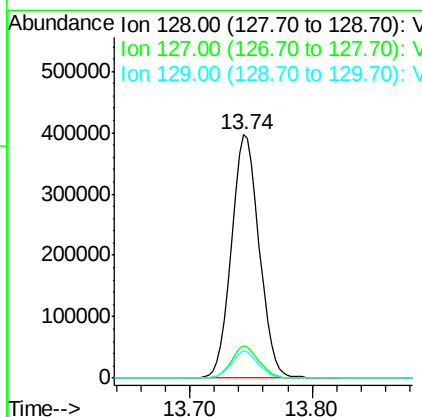
RT: 13.74 min Scan# 4091

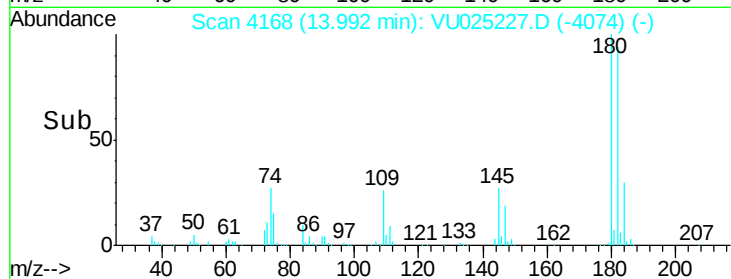
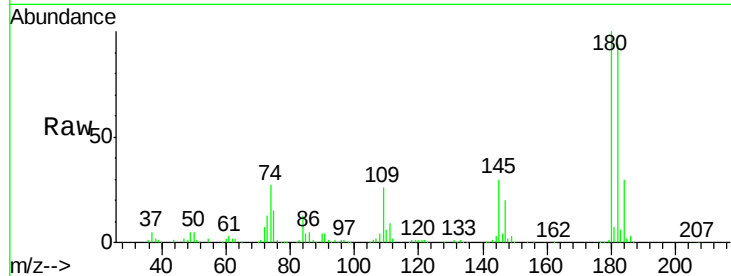
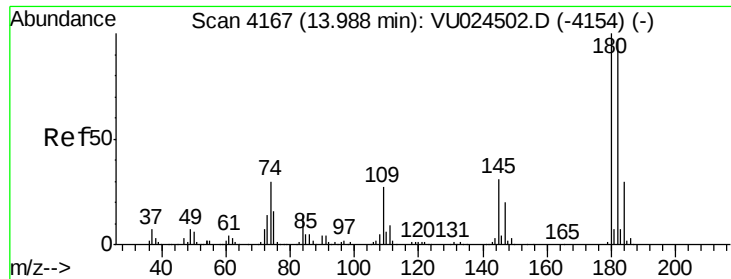
Delta R.T. 0.00 min

Lab File: VU025227.D

Acq: 05 Jul 2018 19:54

Tgt Ion:	128	Resp:	629531
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	10.9	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 64.480 ug/l
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU025227.D
 Acq: 05 Jul 2018 19:54

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	47.9	143.7	
145	32.0	15.4	46.1	

Manual Integrations
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sam
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