

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070518\
 Data File : VU025226.D
 Acq On : 05 Jul 2018 19:29
 Operator : MD/SY
 Sample : J3808-05MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MS

Manual Integrations
 APPROVED

sam
 7/6/2018 4:21:57 PM

Quant Time: Jul 06 07:07:28 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	161411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	247404	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	237281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	144834	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	123665	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
35) Dibromofluoromethane	4.89	113	101799	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	7.57	98	313169	41.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.62%	
62) 4-Bromofluorobenzene	10.31	95	140381	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81782	40.479	ug/l	98
3) Chloromethane	1.33	50	100156	48.523	ug/l	99
4) Vinyl Chloride	1.40	62	100317	47.127	ug/l	98
5) Bromomethane	1.62	94	54168	52.640	ug/l	99
6) Chloroethane	1.69	64	64590	54.394	ug/l	100
7) Trichlorofluoromethane	1.89	101	160340	49.357	ug/l	98
8) Diethyl Ether	2.10	74	63058	57.314	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	95596	47.434	ug/l	97
10) Methyl Iodide	2.41	142	105330	60.512	ug/l	97
11) Tert butyl alcohol	2.82	59	169945	265.178	ug/l	100
12) 1,1-Dichloroethene	2.28	96	90026	48.983	ug/l	95
13) Acrolein	2.19	56	95167	282.782	ug/l	98
14) Allyl chloride	2.59	41	155242	45.492	ug/l	100
15) Acrylonitrile	2.93	53	342438	274.633	ug/l	99
16) Acetone	2.32	43	328059	231.710	ug/l	98
17) Carbon Disulfide	2.48	76	241435	41.025	ug/l	99
18) Methyl Acetate	2.62	43	208074	68.553	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	372691	53.946	ug/l	94
20) Methylene Chloride	2.70	84	110081	49.552	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	102497	50.634	ug/l	96
22) Diisopropyl ether	3.57	45	358904	53.055	ug/l	97
23) Vinyl Acetate	3.53	43	1460063	240.942	ug/l	98
24) 1,1-Dichloroethane	3.45	63	201827	51.863	ug/l	99
25) 2-Butanone	4.26	43	507403	266.806	ug/l	98
26) 2,2-Dichloropropane	4.23	77	144518	39.109	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	143082	61.482	ug/l	95
28) Bromochloromethane	4.55	49	73304	42.765	ug/l	85
29) Tetrahydrofuran	4.63	42	320614	272.237	ug/l	97
30) Chloroform	4.68	83	214495	54.455	ug/l	98
31) Cyclohexane	5.00	56	173262	50.141	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	194396	53.370	ug/l	96
36) 1,1-Dichloropropene	5.14	75	147643	50.786	ug/l	97
37) Ethyl Acetate	4.38	43	177316	55.960	ug/l	98
38) Carbon Tetrachloride	5.14	117	170417	53.306	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)
39) Methylcyclohexane	6.42	83	176332	48.604	ug/l	94
40) Benzene	5.39	78	433971	52.387	ug/l	99
41) Methacrylonitrile	4.55	41	102193	59.818	ug/l	99
42) 1,2-Dichloroethane	5.41	62	182934	57.982	ug/l	99
43) Isopropyl Acetate	5.55	43	284391	51.924	ug/l	98
44) Trichloroethene	6.19	130	141301	59.935	ug/l	96
45) 1,2-Dichloropropane	6.44	63	120374	54.459	ug/l	98
46) Dibromomethane	6.56	93	86606	55.782	ug/l	94
47) Bromodichloromethane	6.76	83	165293	53.465	ug/l	99
48) Methyl methacrylate	6.63	41	152413	57.147	ug/l	97
49) 1,4-Dioxane	6.62	88	66916	1282.971	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	969520	281.755	ug/l	98
52) Toluene	7.64	92	284039	53.295	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	172570	49.705	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	181449	49.047	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	120116	55.445	ug/l	98
56) Ethyl methacrylate	8.02	69	189797	52.343	ug/l	99
57) 1,3-Dichloropropane	8.25	76	202195	55.327	ug/l	97
59) 2-Hexanone	8.36	43	773990	275.515	ug/l	99
60) Dibromochloromethane	8.48	129	136951	50.694	ug/l	100
61) 1,2-Dibromoethane	8.59	107	132283	54.860	ug/l	98
64) Tetrachloroethene	8.23	164	102802	45.579	ug/l	97
65) Chlorobenzene	9.12	112	347842	57.384	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	124387	54.012	ug/l	98
67) Ethyl Benzene	9.25	91	557936	52.504	ug/l	97
68) m/p-Xylenes	9.38	106	437482	107.210	ug/l	97
69) o-Xylene	9.78	106	217238	53.793	ug/l	98
70) Stvrene	9.80	104	344039	51.841	ug/l	99
71) Bromoform	9.96	173	108341	49.495	ug/l #	100
73) Isopropylbenzene	10.17	105	596621	53.654	ug/l	99
74) N-amyl acetate	10.01	43	250929	47.443	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	205002	55.015	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	183714m	57.614	ug/l	
77) Bromobenzene	10.45	156	152103	54.031	ug/l	93
78) n-propylbenzene	10.59	91	675969	51.605	ug/l	98
79) 2-Chlorotoluene	10.66	91	398882	51.637	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	501394	52.023	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	63575m	46.144	ug/l	
82) 4-Chlorotoluene	10.78	91	455800	50.696	ug/l	99
83) tert-Butylbenzene	11.10	119	559092	60.305	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	514426	52.375	ug/l	99
85) sec-Butylbenzene	11.33	105	687305	59.226	ug/l	96
86) p-Isopropyltoluene	11.48	119	533780	51.357	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	273120	52.514	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	268775	51.344	ug/l	100
89) n-Butylbenzene	11.89	91	448174	48.569	ug/l	97
90) Hexachloroethane	12.15	117	98559	48.611	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	281061	53.953	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	55443	53.923	ug/l	95
93) 1,2,4-Trichlorobenzene	13.51	180	175505	54.557	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)
94) Hexachlorobutadiene	13.70	225	93744	51.773	ug/l	98
95) Naphthalene	13.75	128	611932	57.359	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	187775	58.580	ug/l	99

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

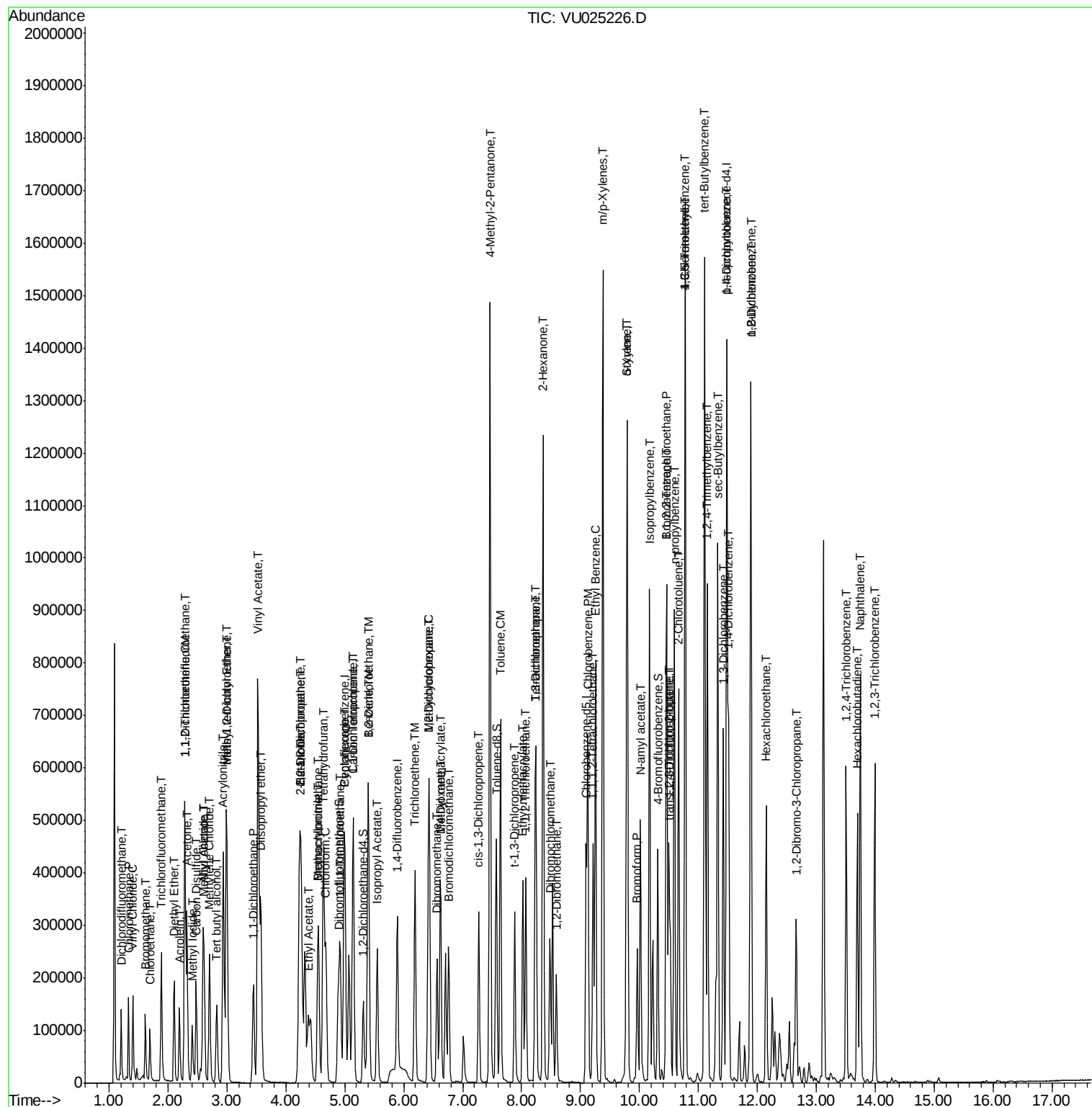
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070518\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628MS

Tot Ion:168 Resp: 161411

Ion Ratio Lower Upper

168 100

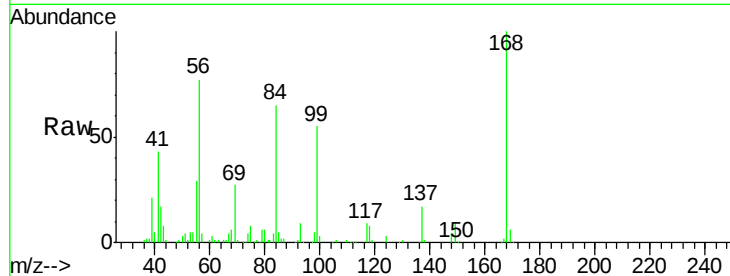
99 55.1 43.2 64.8

Manual Integrations

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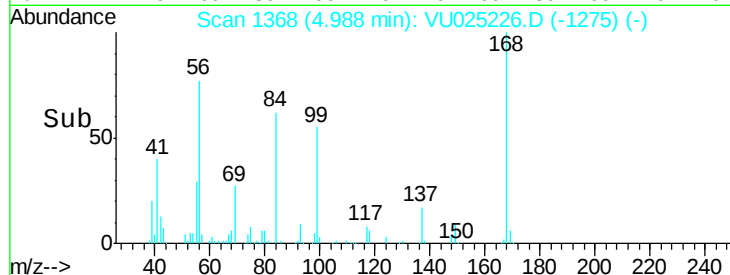
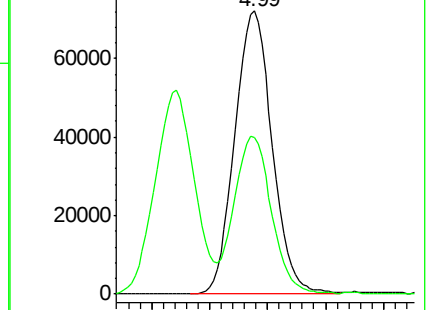
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

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



#2

Dichlorodifluoromethane

Concen: 40.479 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025226.D

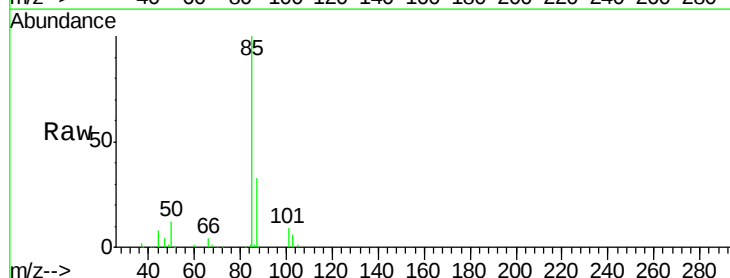
Acq: 05 Jul 2018 19:29

Tgt Ion: 85 Resp: 81782

Ion Ratio Lower Upper

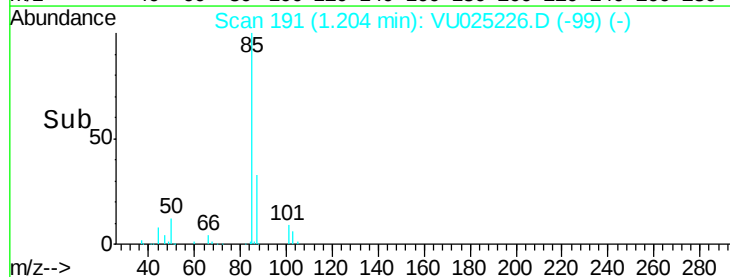
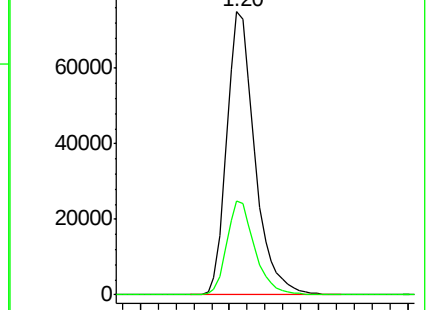
85 100

87 33.4 16.1 48.2



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

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





#3

Chloromethane

Concen: 48.523 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628MS

Tot Ion: 50 Resp: 100156

Ion Ratio Lower Upper

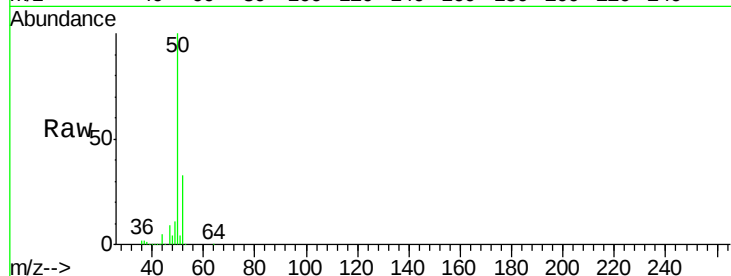
50 100

52 33.4 26.4 39.6

Manual Integrations
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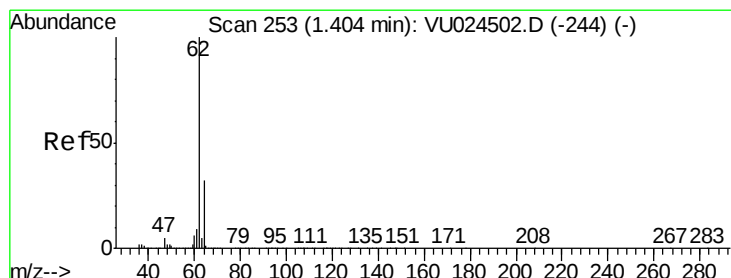
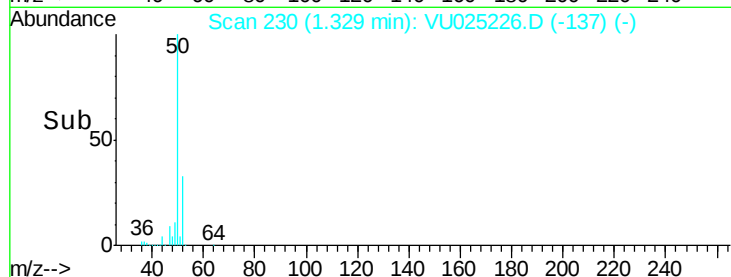
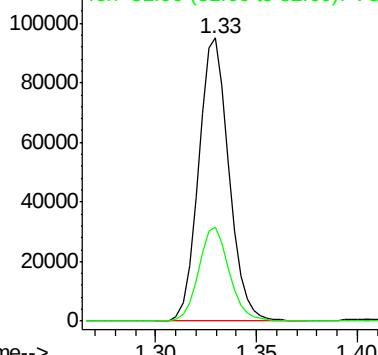
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 47.127 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025226.D

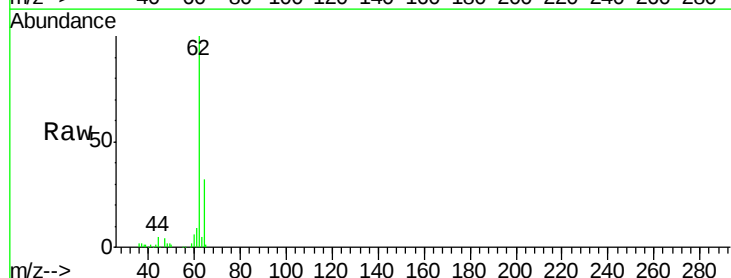
Acq: 05 Jul 2018 19:29

Tgt Ion: 62 Resp: 100317

Ion Ratio Lower Upper

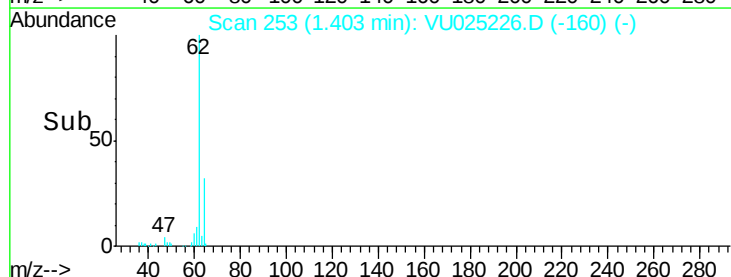
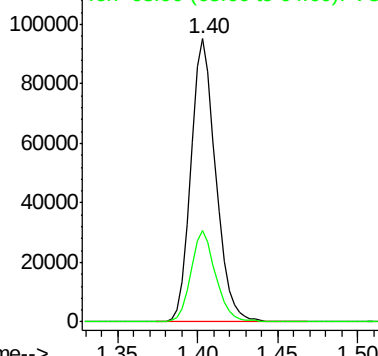
62 100

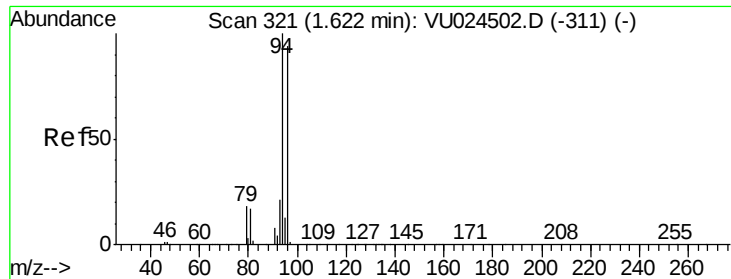
64 32.2 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 52.640 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

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WP021MW472-180628MS

Tot Ion: 94 Resp: 54168

Ion Ratio Lower Upper

94 100

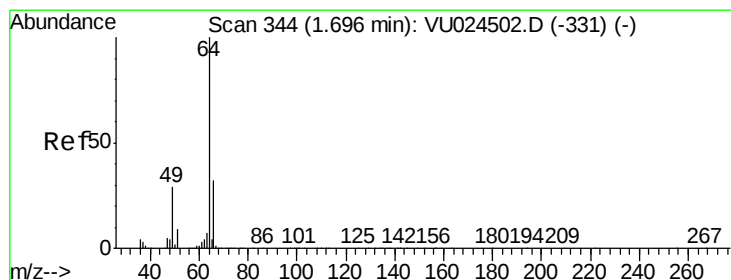
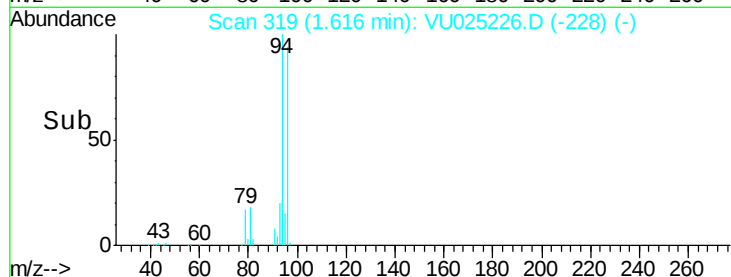
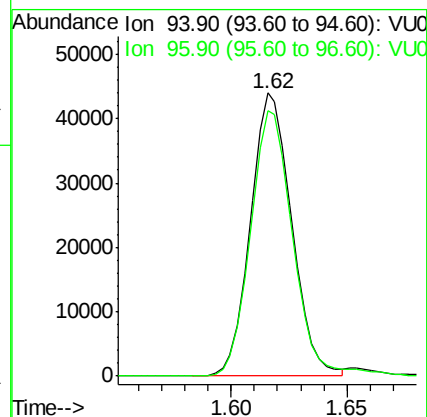
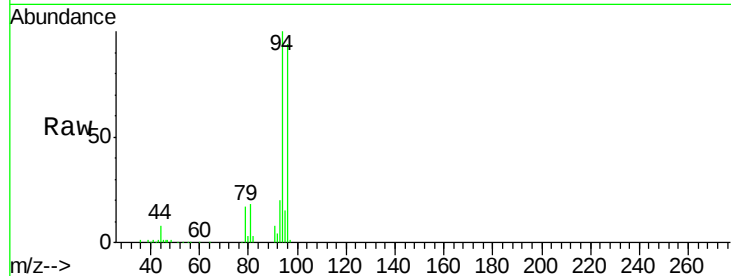
96 93.9 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 54.394 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU025226.D

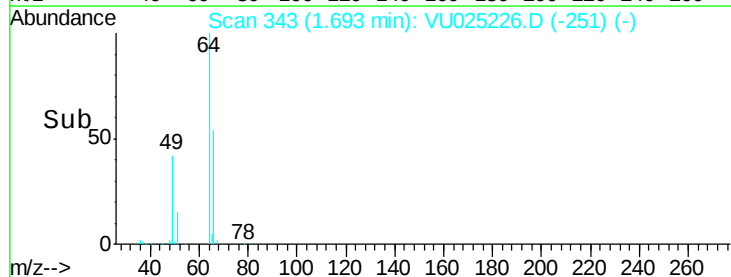
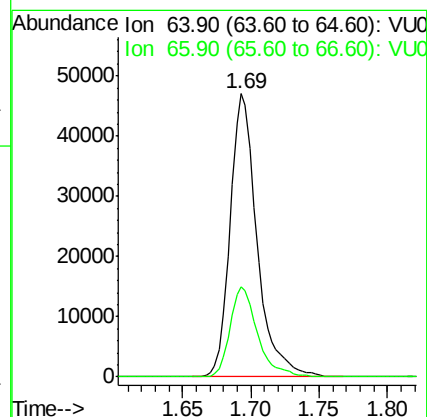
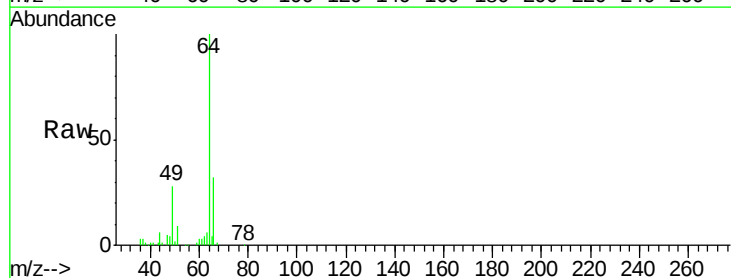
Acq: 05 Jul 2018 19:29

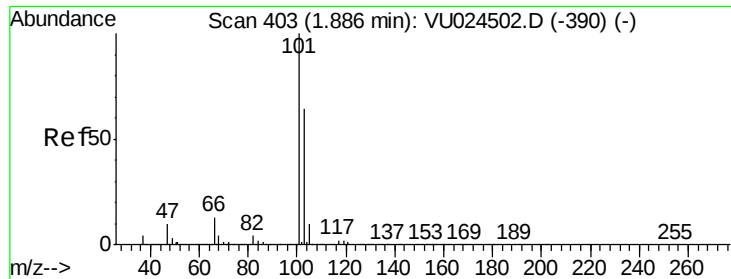
Tgt Ion: 64 Resp: 64590

Ion Ratio Lower Upper

64 100

66 32.0 25.5 38.3





#7

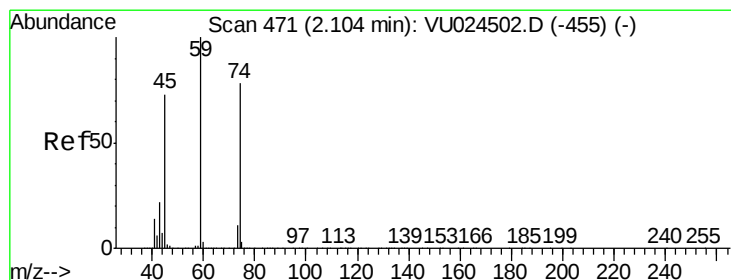
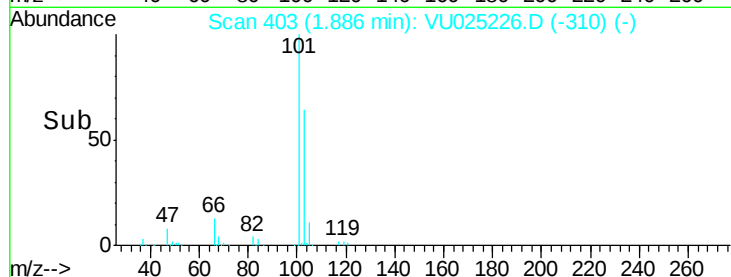
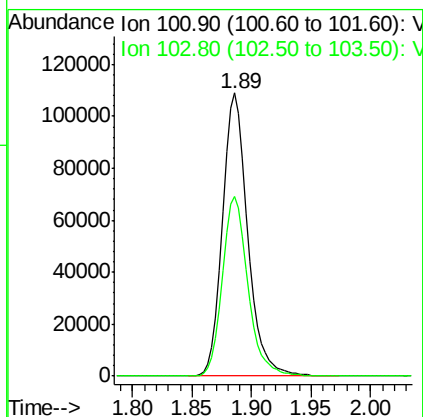
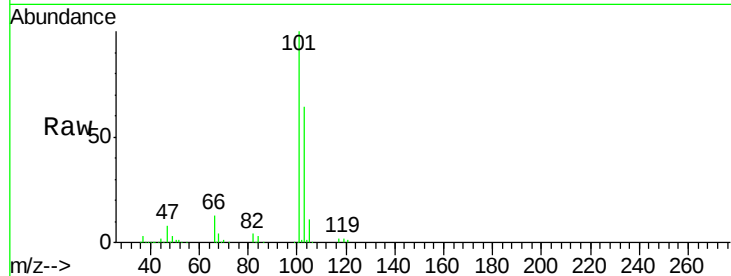
Trichlorofluoromethane
 Concen: 49.357 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.3	78.5

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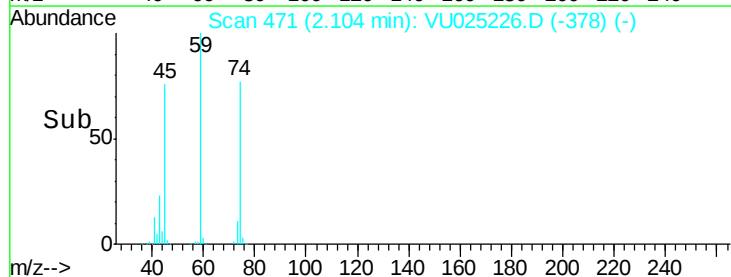
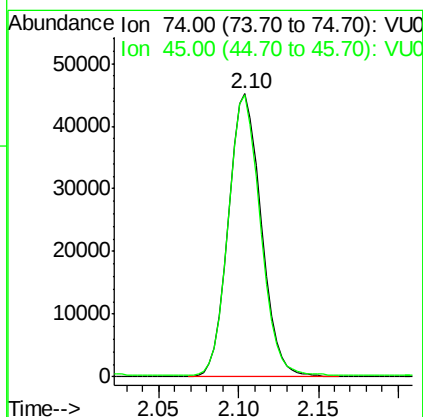
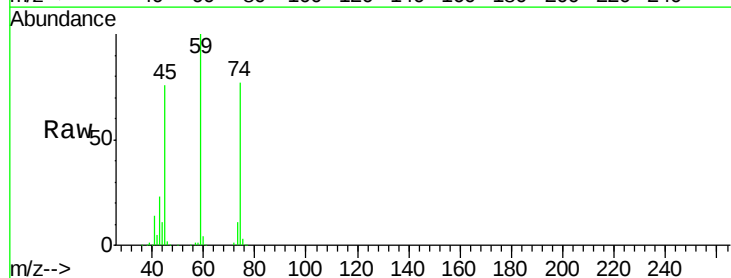
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#8

Diethyl Ether
 Concen: 57.314 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.9	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.434 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

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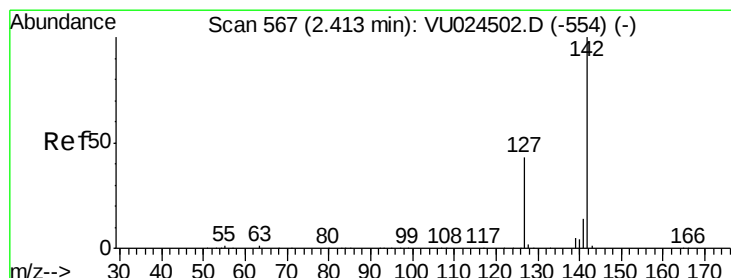
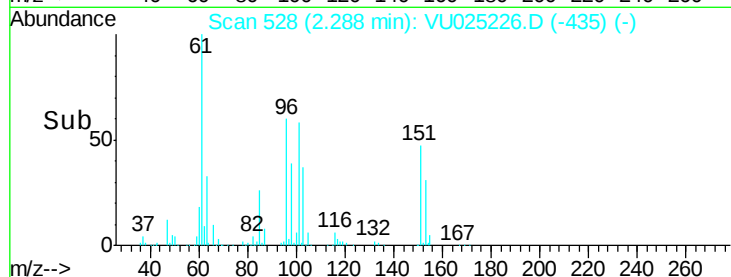
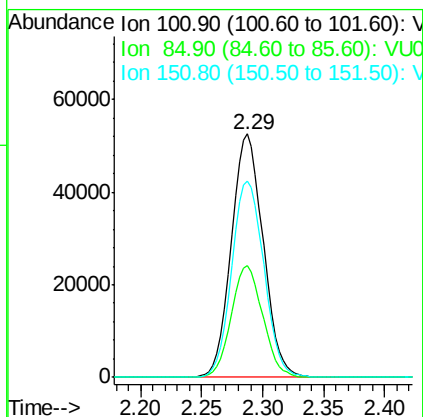
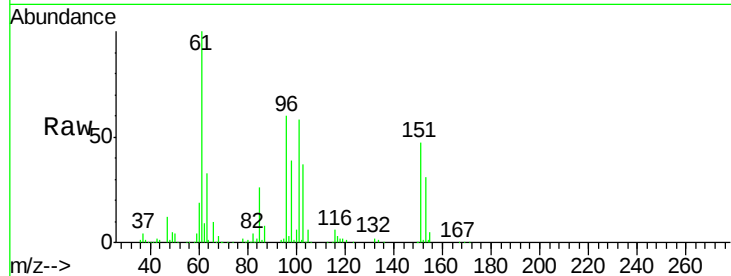
WP021MW472-180628MS

Tot Ion:	101	Resp:	95596
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.0	54.0
151	81.4	62.3	93.5

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#10

Methyl Iodide

Concen: 60.512 ug/l

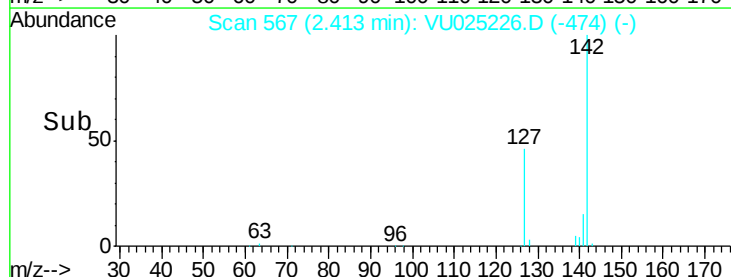
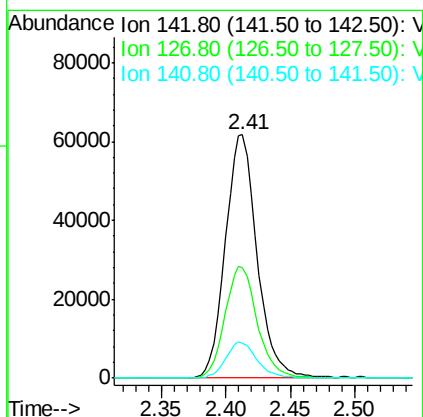
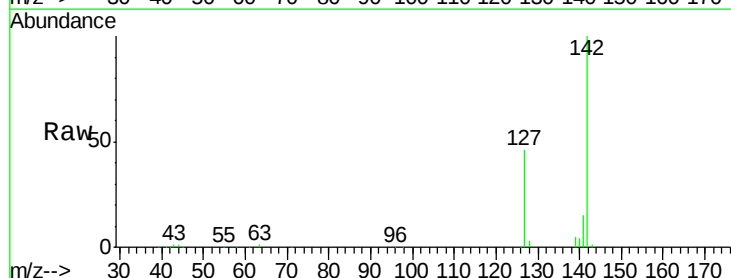
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Tgt Ion:	142	Resp:	105330
Ion Ratio	Lower	Upper	
142	100		
127	46.7	35.6	53.4
141	14.5	11.7	17.5





#11

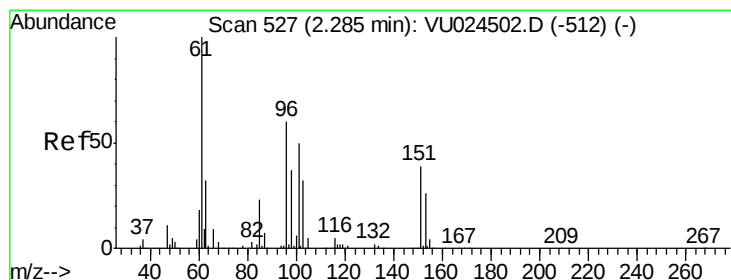
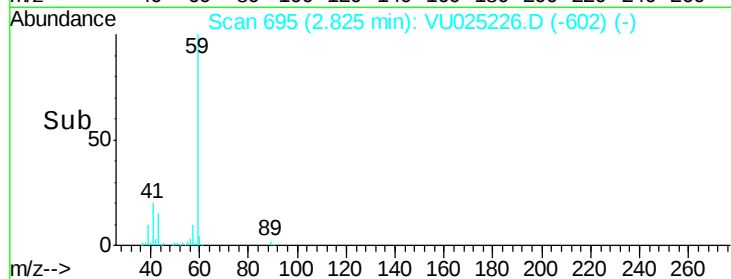
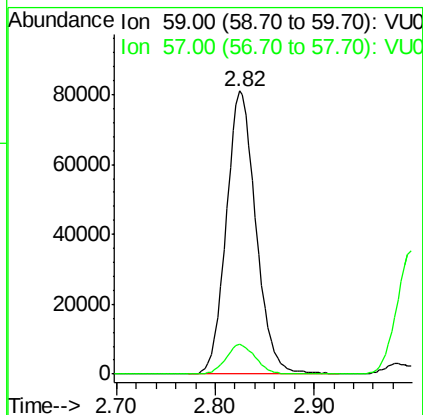
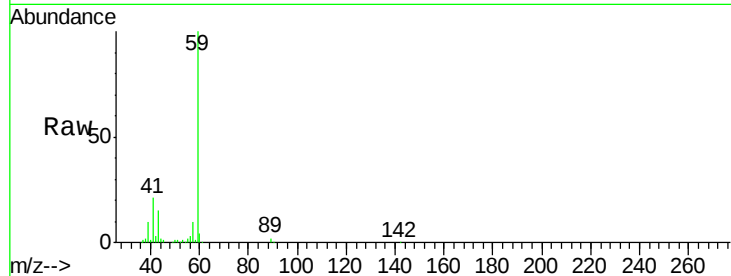
Tert butyl alcohol
Concen: 265.178 ug/l
RT: 2.82 min Scan# 695
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.5	12.7

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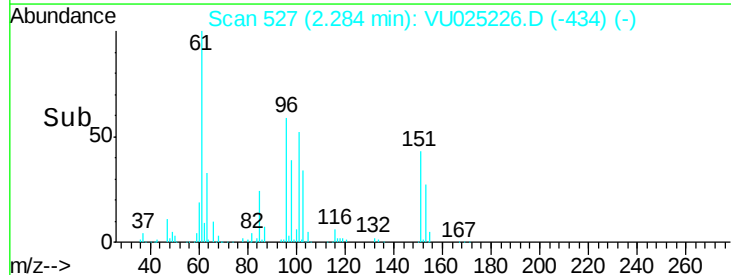
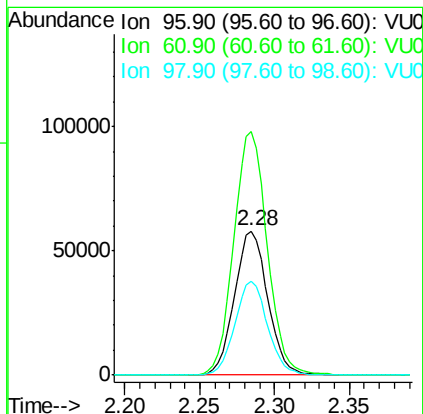
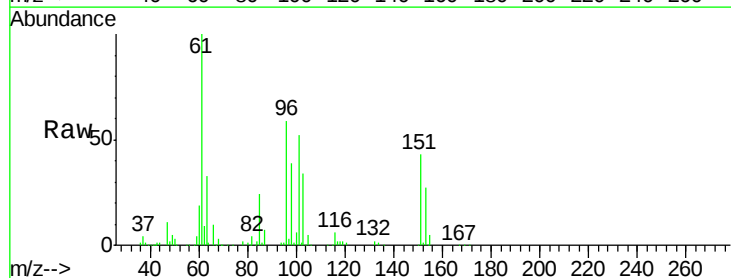
sam
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#12

1,1-Dichloroethene
Concen: 48.983 ug/l
RT: 2.28 min Scan# 527
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.7	141.7	212.5
98	65.1	51.6	77.4





#13

Acrolein

Concen: 282.782 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628MS

Tot Ion: 56 Resp: 95167

Ion Ratio Lower Upper

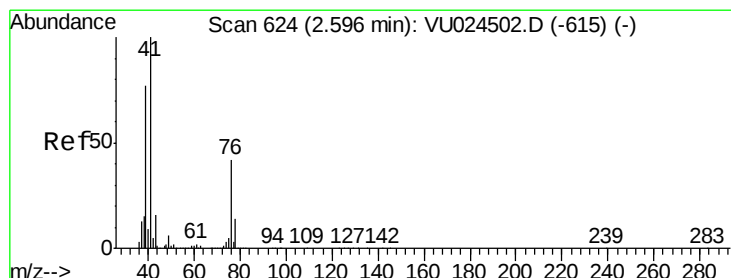
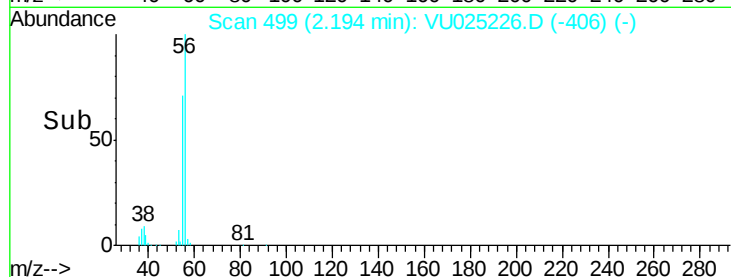
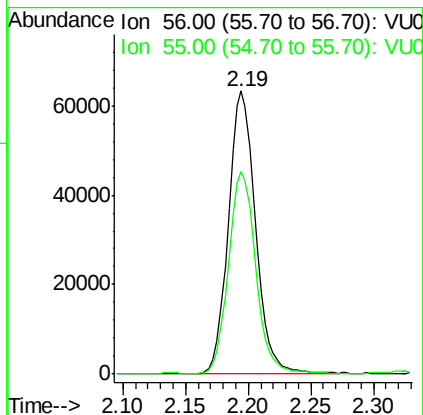
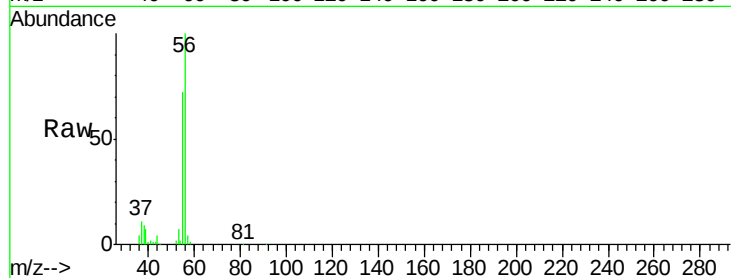
56 100

55 70.9 58.4 87.6

Manual Integrations
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#14

Allyl chloride

Concen: 45.492 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

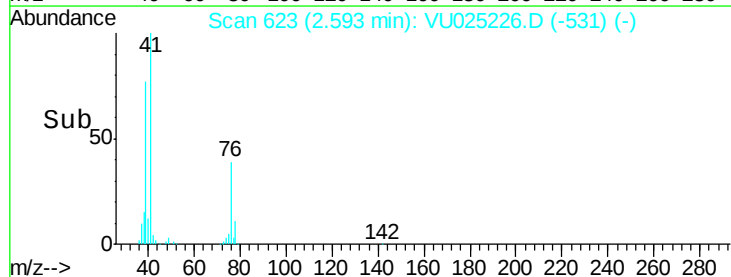
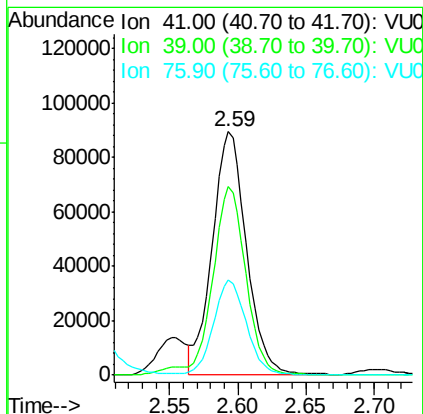
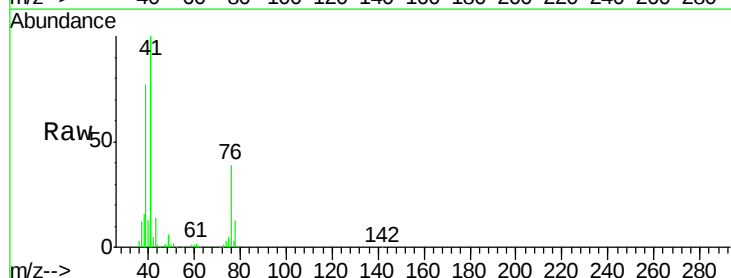
Tgt Ion: 41 Resp: 155242

Ion Ratio Lower Upper

41 100

39 76.8 61.6 92.4

76 37.3 29.7 44.5





#15

Acrylonitrile

Concen: 274.633 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

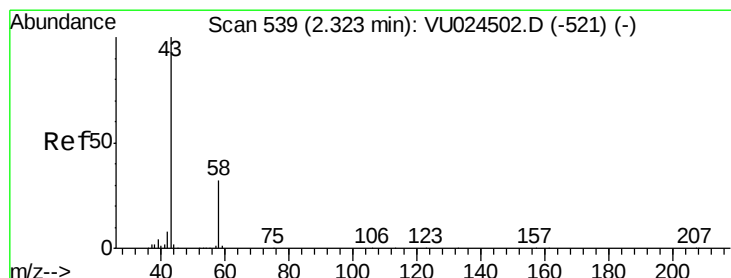
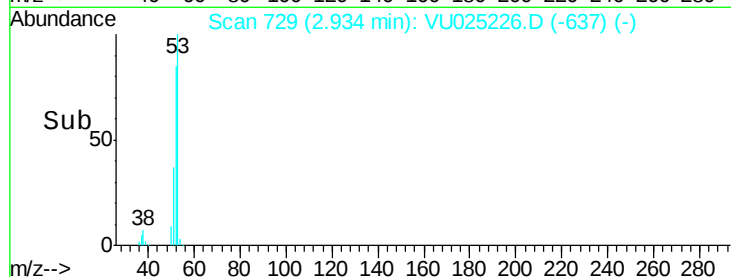
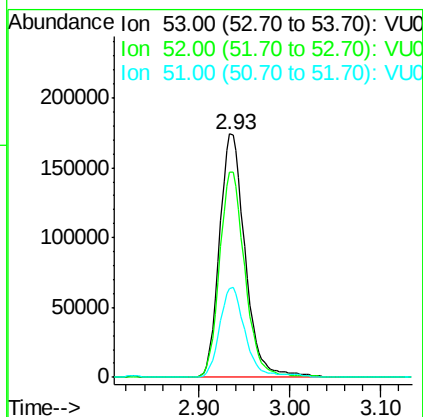
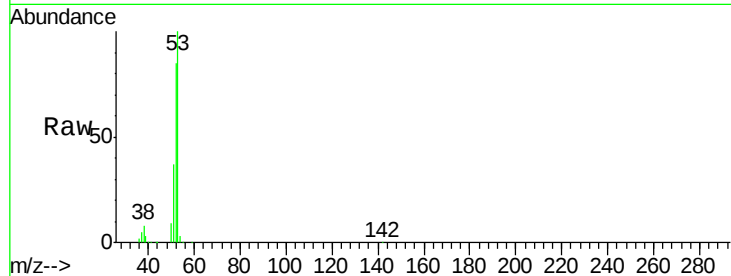
ClientSampleId :

WP021MW472-180628MS

Tot Ion:	53	Resp:	342438
Ion	Ratio	Lower	Upper
53	100		
52	83.2	67.1	100.7
51	37.2	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 231.710 ug/l

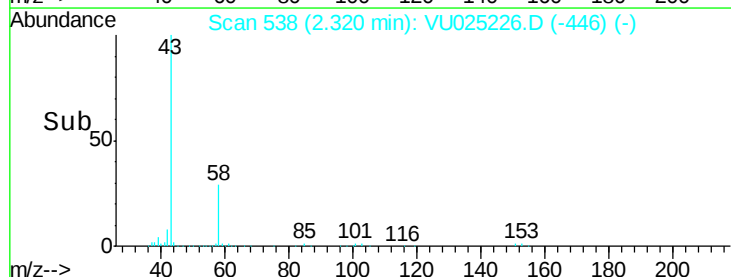
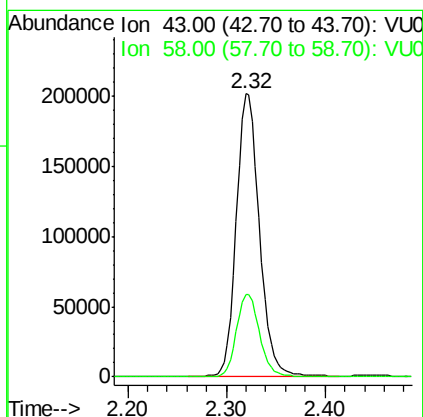
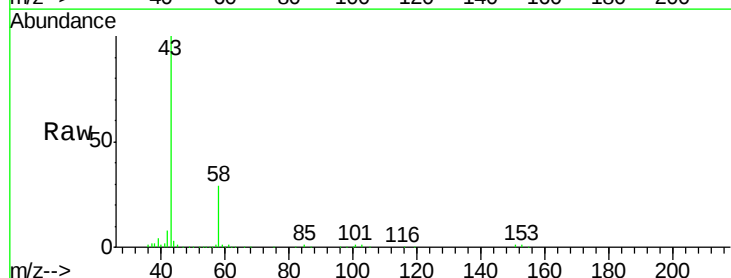
RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Tgt Ion:	43	Resp:	328059
Ion	Ratio	Lower	Upper
43	100		
58	29.1	24.4	36.6





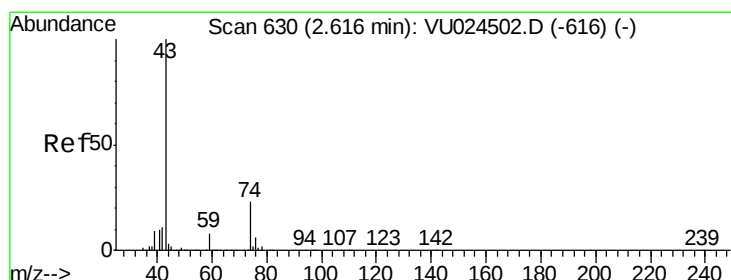
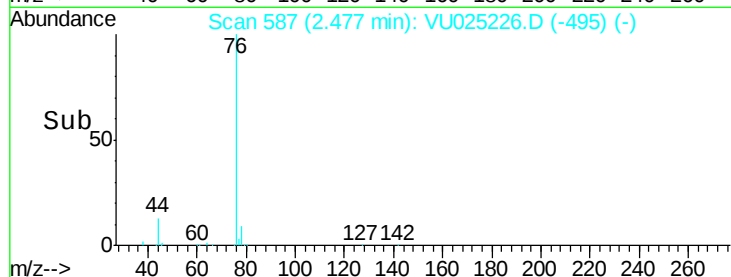
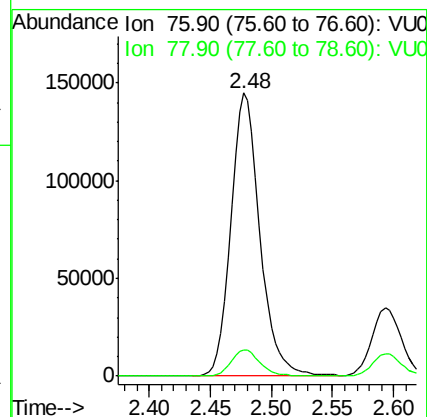
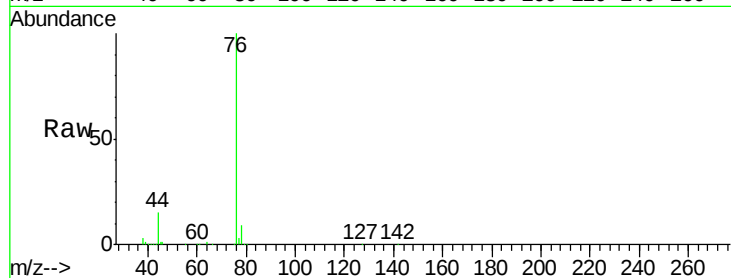
#17
Carbon Disulfide
Concen: 41.025 ug/l
RT: 2.48 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

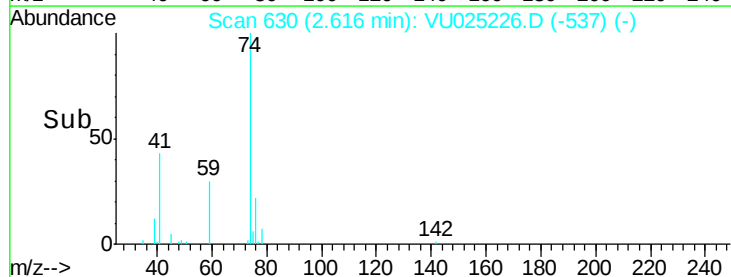
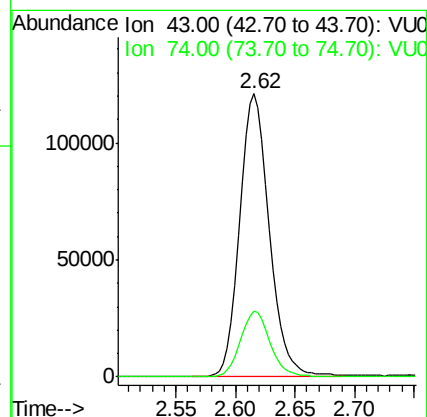
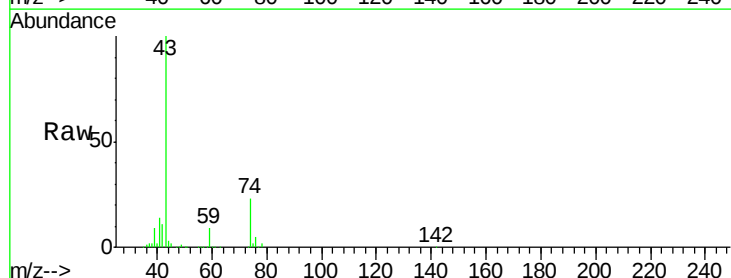
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#18
Methyl Acetate
Concen: 68.553 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.0	27.0





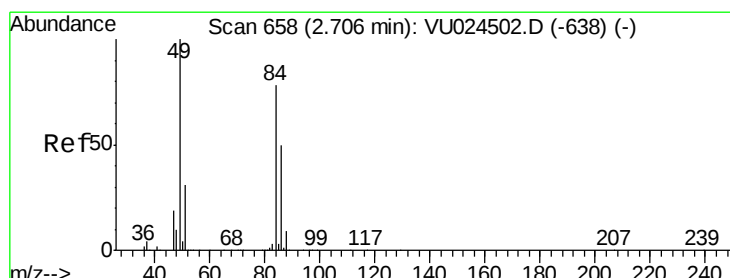
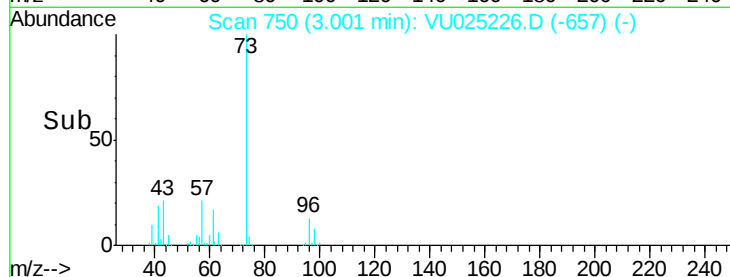
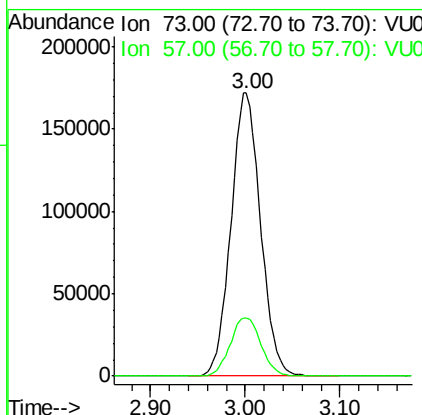
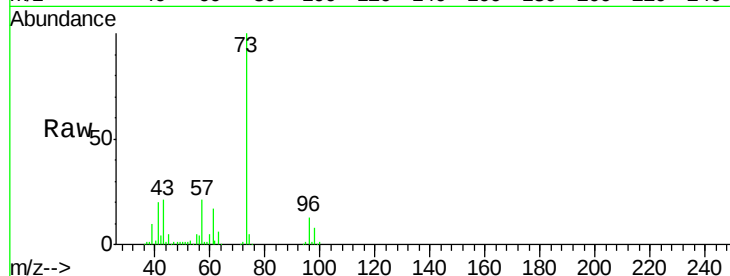
#19
Methyl tert-butyl Ether
Concen: 53.946 ug/l
RT: 3.00 min Scan# 750
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	18.8	28.2

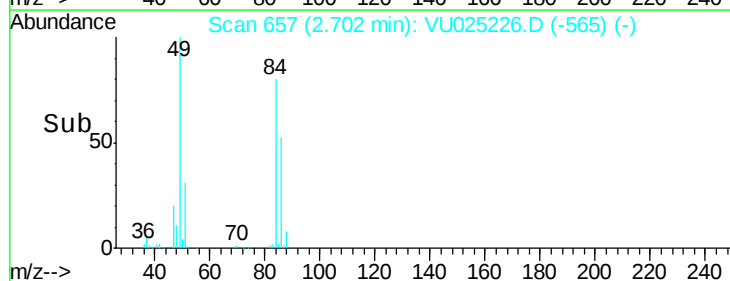
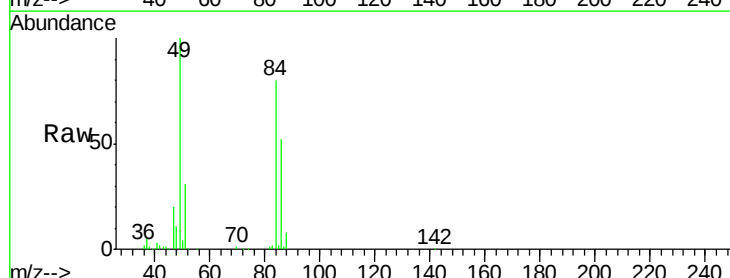
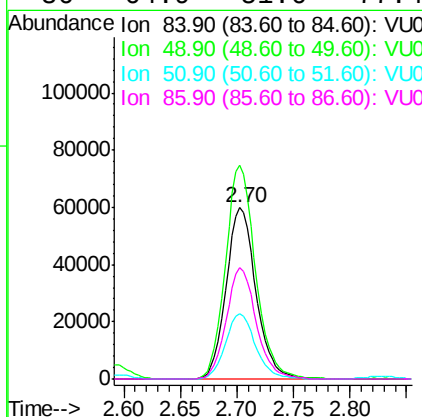
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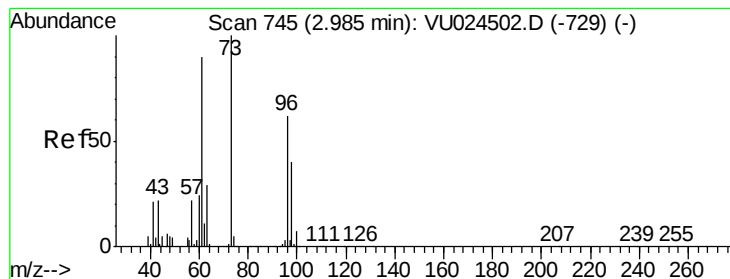
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#20
Methylene Chloride
Concen: 49.552 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.0	103.8	155.8
51	38.4	32.0	48.0
86	64.9	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 50.634 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

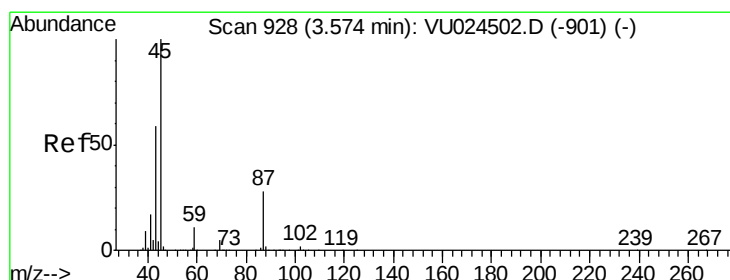
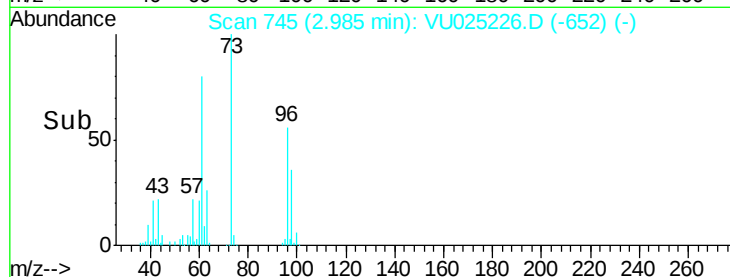
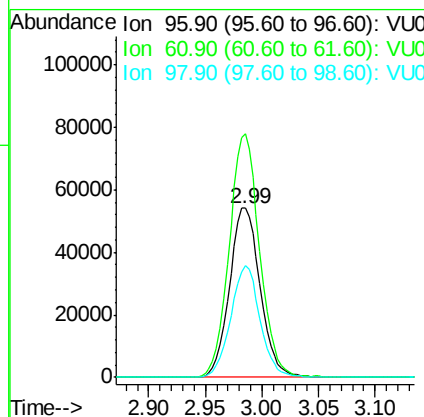
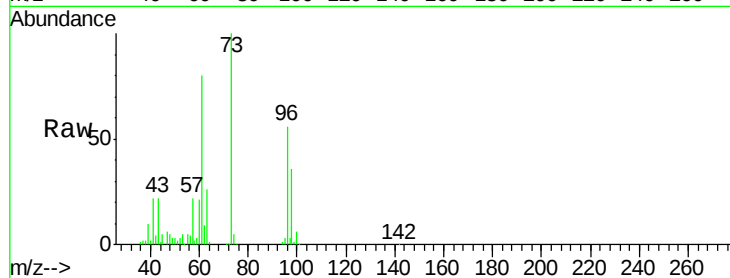
ClientSampleId :

WP021MW472-180628MS

Tot Ion:	96	Resp:	102497
Ion Ratio	Lower	Upper	
96	100		
61	143.8	119.4	179.0
98	65.7	51.1	76.7

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#22

Diisopropyl ether

Concen: 53.055 ug/l

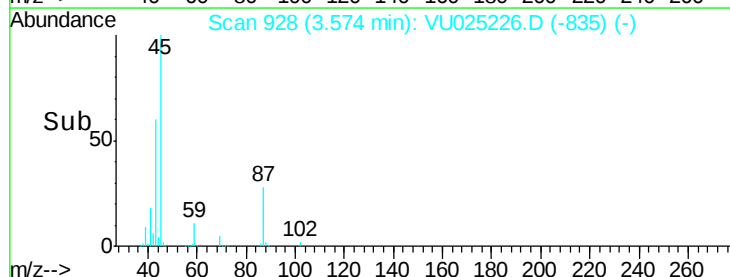
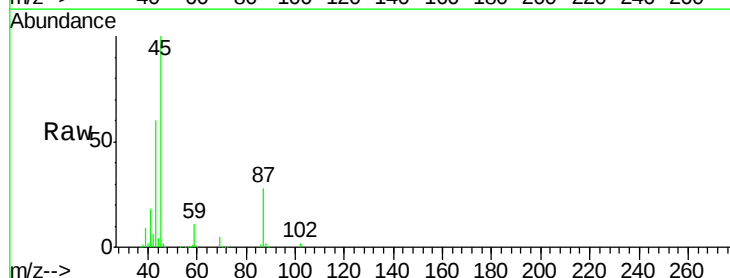
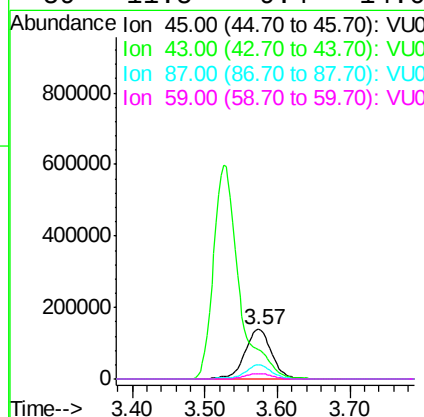
RT: 3.57 min Scan# 928

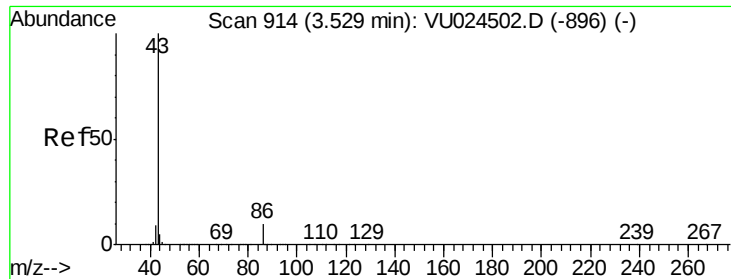
Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Tgt Ion:	45	Resp:	358904
Ion Ratio	Lower	Upper	
45	100		
43	59.6	45.8	68.6
87	27.5	20.6	31.0
59	11.5	9.4	14.0





#23

Vinyl Acetate

Concen: 240.942 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628MS

Tot Ion: 43 Resp: 1460063

Ion Ratio Lower Upper

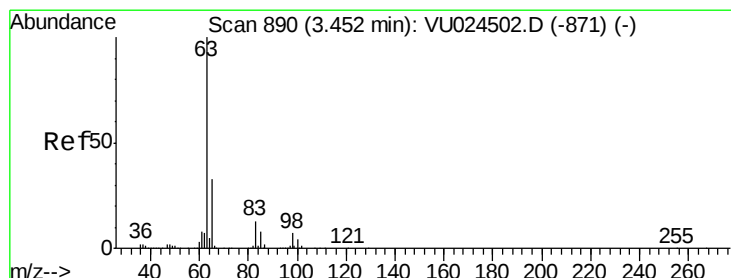
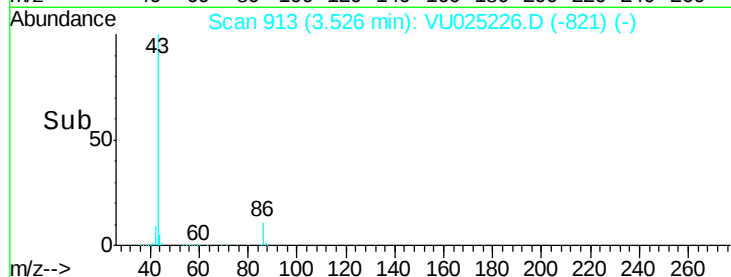
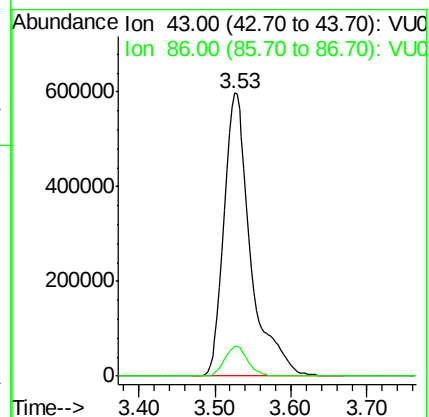
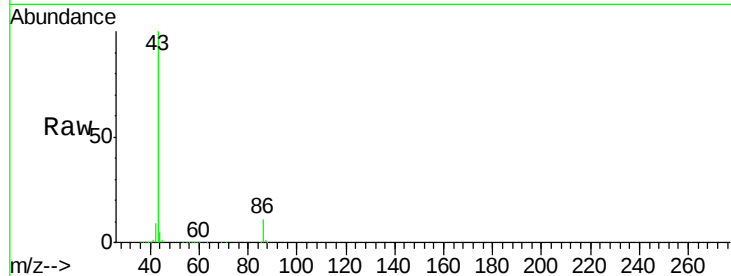
43 100

86 10.6 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 51.863 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

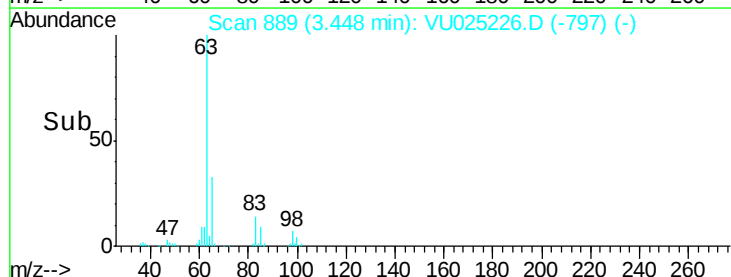
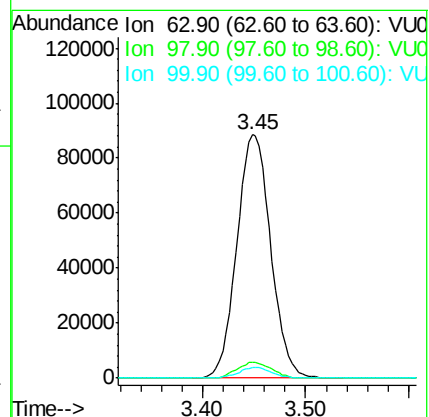
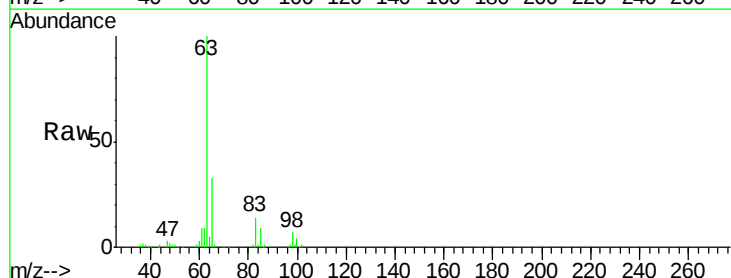
Tgt Ion: 63 Resp: 201827

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

100 4.4 1.8 5.5





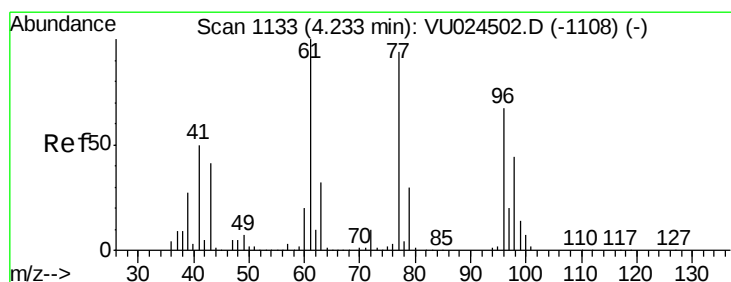
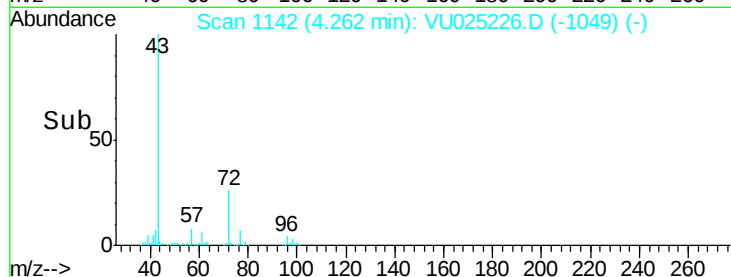
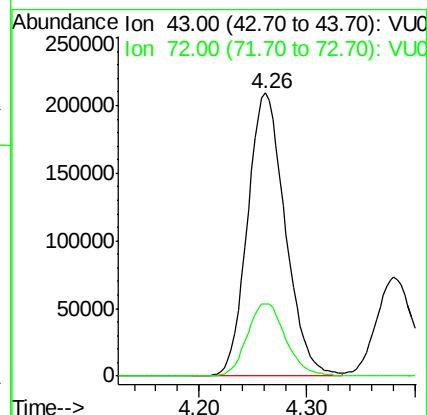
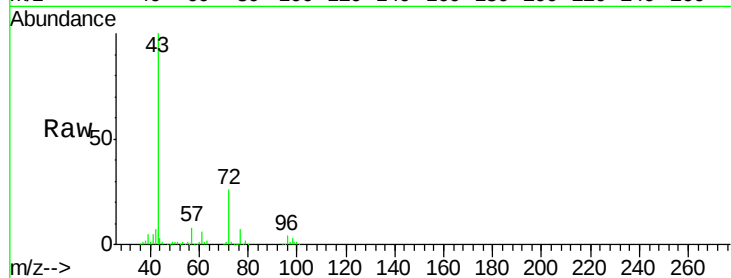
#25
2-Butanone
Concen: 266.806 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MS

Tot Ion: 43 Resp: 507403
Ion Ratio Lower Upper
43 100
72 25.7 19.6 29.4

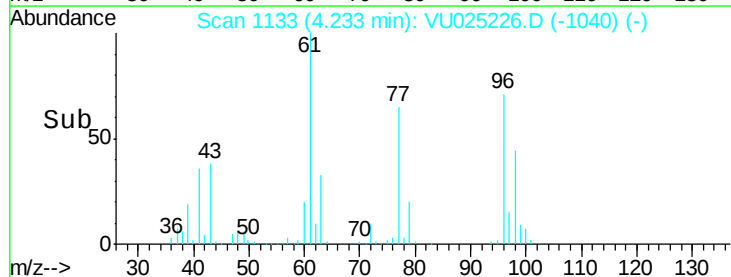
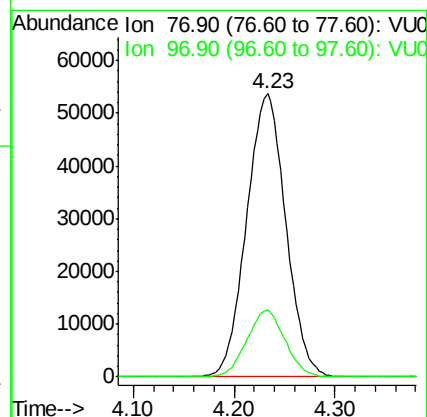
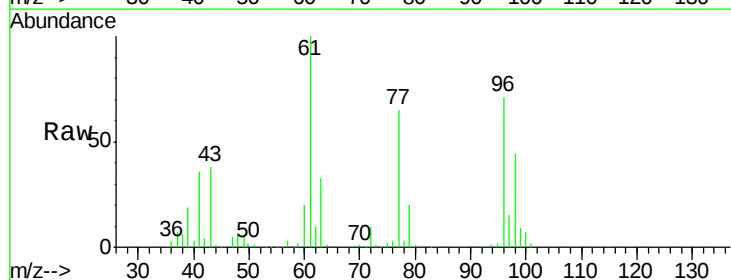
Manual Integrations
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#26
2,2-Dichloropropane
Concen: 39.109 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion: 77 Resp: 144518
Ion Ratio Lower Upper
77 100
97 23.0 11.3 33.8





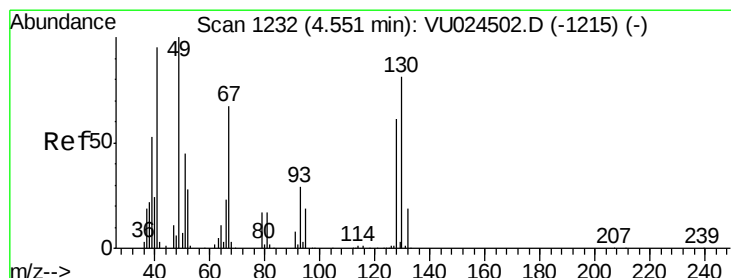
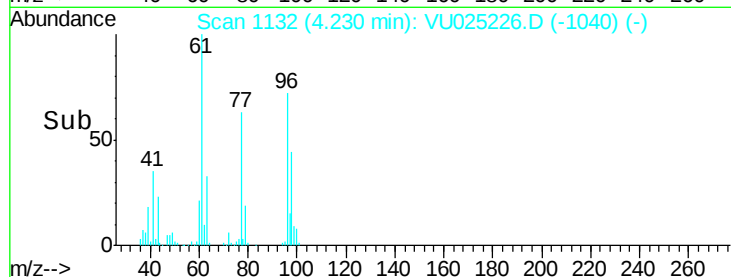
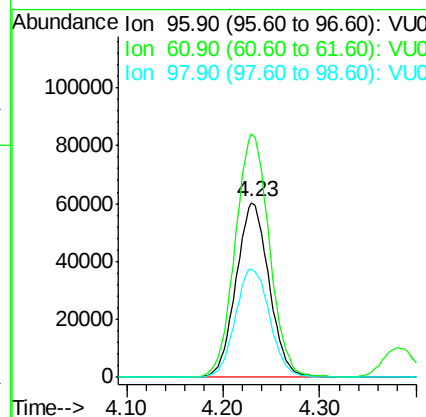
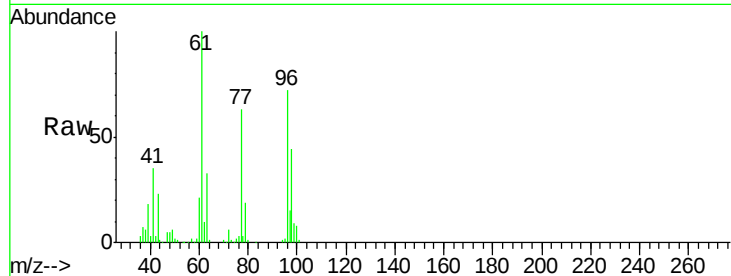
#27
 cis-1,2-Dichloroethene
 Concen: 61.482 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	306.6
98	65.0	0.0	128.8

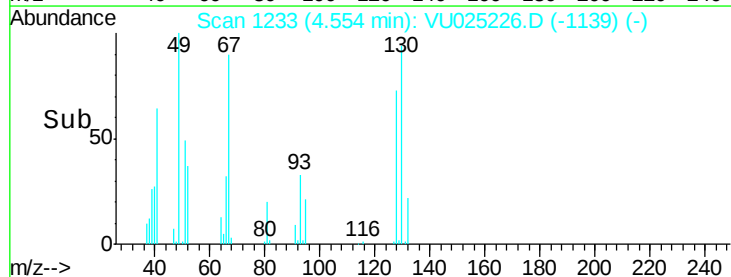
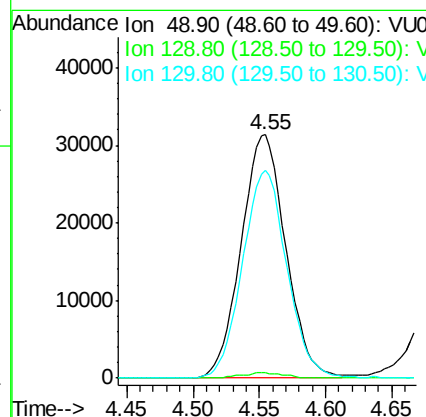
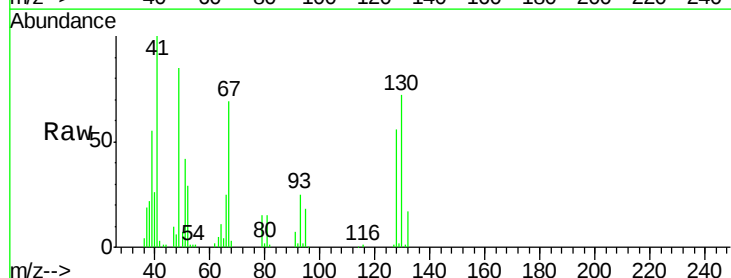
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#28
 Bromochloromethane
 Concen: 42.765 ug/l
 RT: 4.55 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	84.8	57.8	86.6





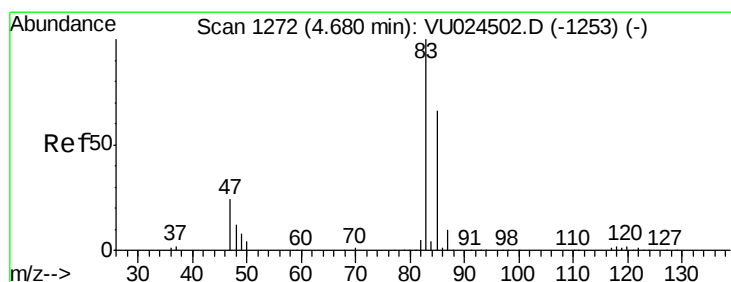
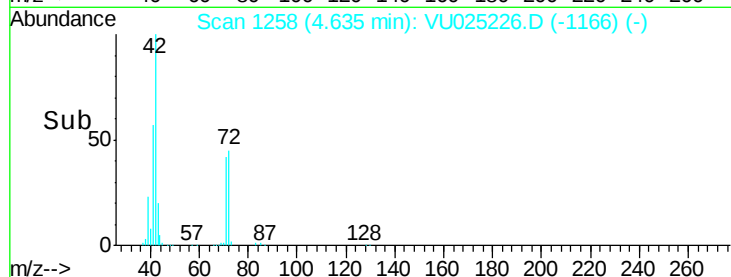
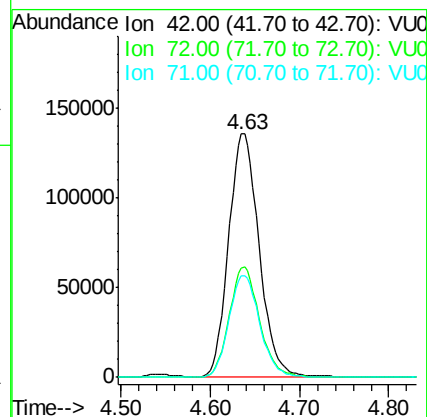
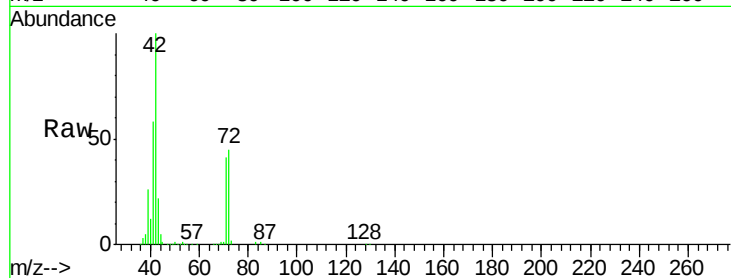
#29
Tetrahydrofuran
Concen: 272.237 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	34.5	51.7
71	42.5	32.2	48.4

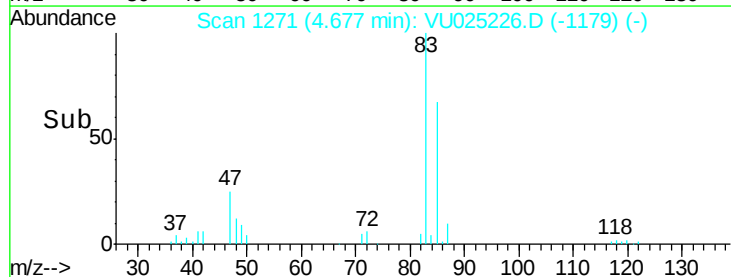
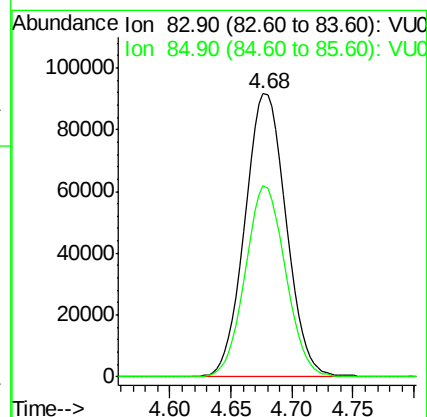
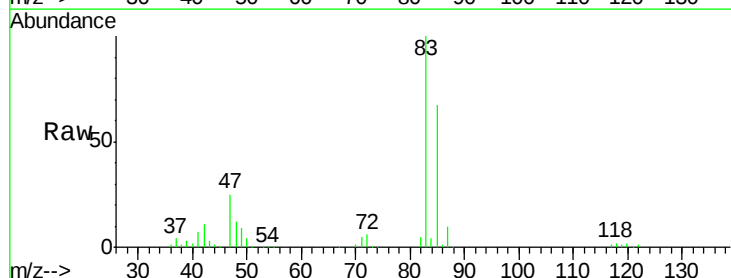
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#30
Chloroform
Concen: 54.455 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.4	52.4	78.6





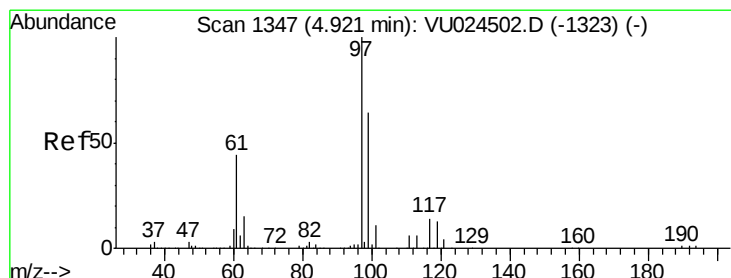
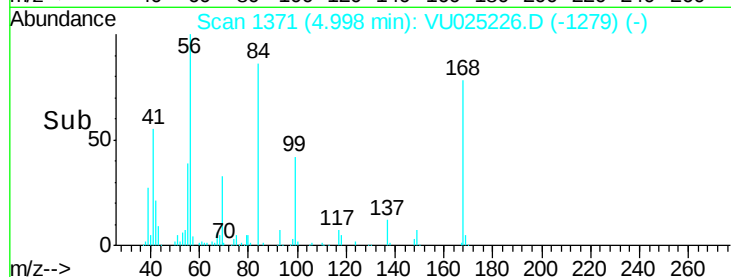
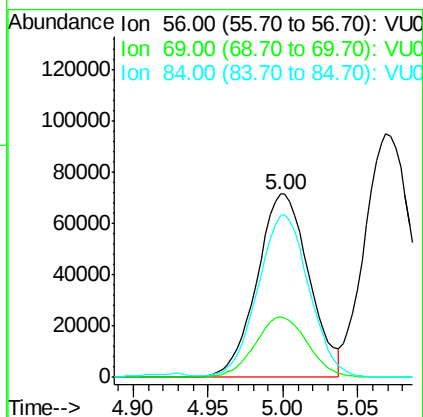
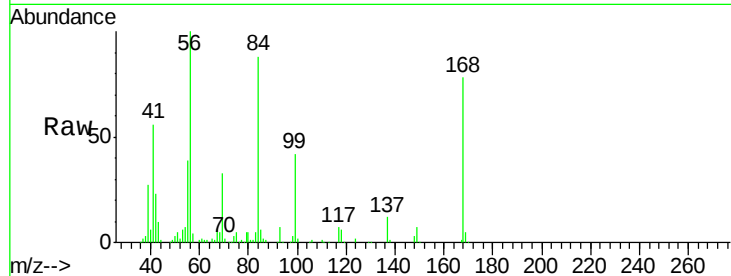
#31
Cyclohexane
Concen: 50.141 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	24.8	37.2
84	86.7	65.2	97.8

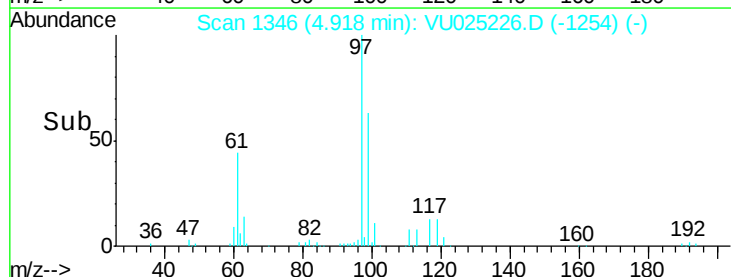
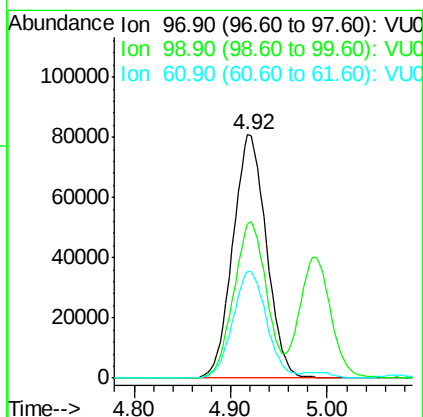
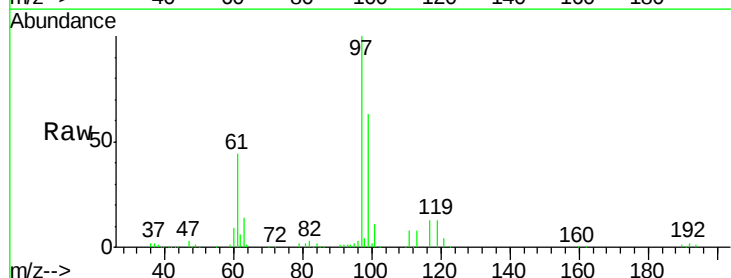
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#32
1,1,1-Trichloroethane
Concen: 53.370 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.0	76.6
61	44.0	39.4	59.0





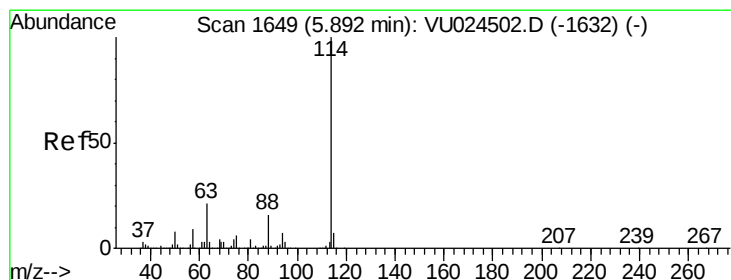
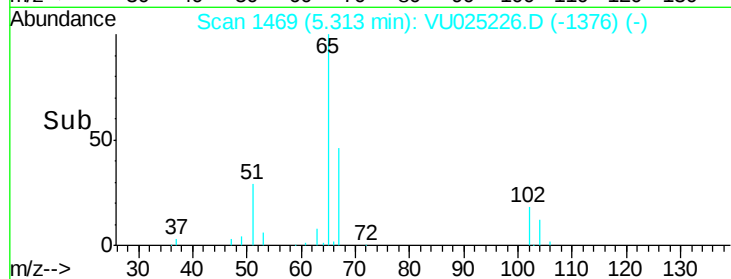
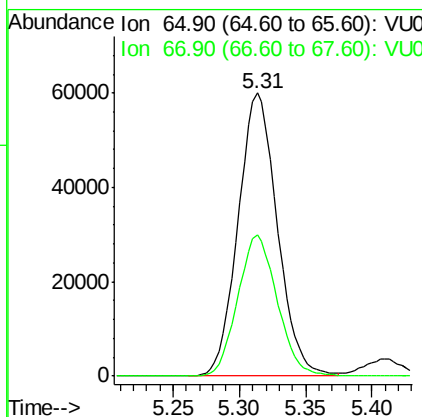
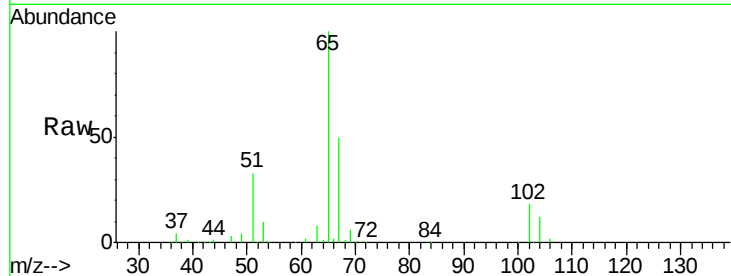
#33
 1,2-Dichloroethane-d4
 Concen: 46.930 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	123665		
67	50.2	0.0	107.0	

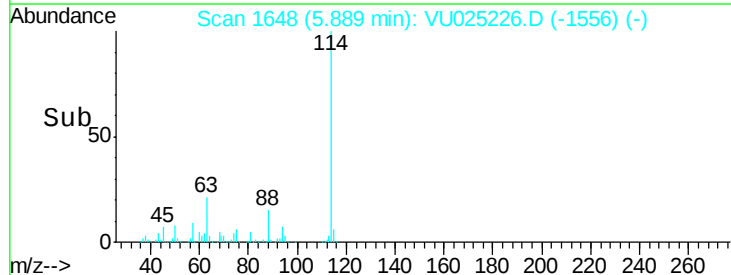
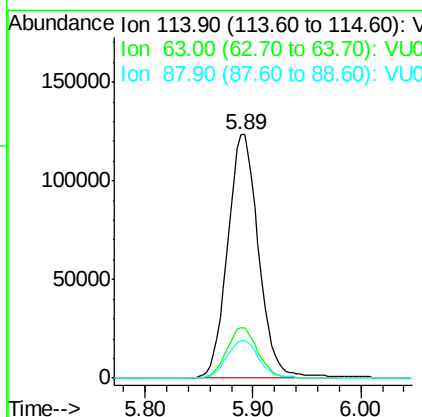
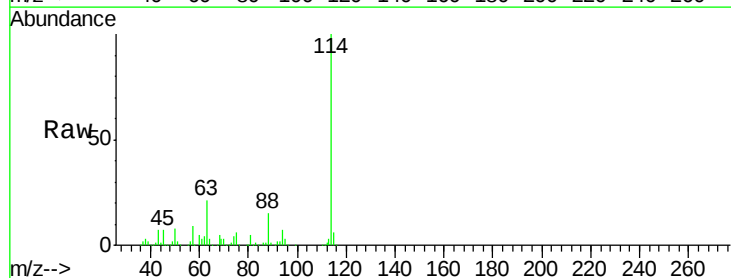
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	247404		
63	20.9	0.0	45.4	
88	15.3	0.0	31.0	





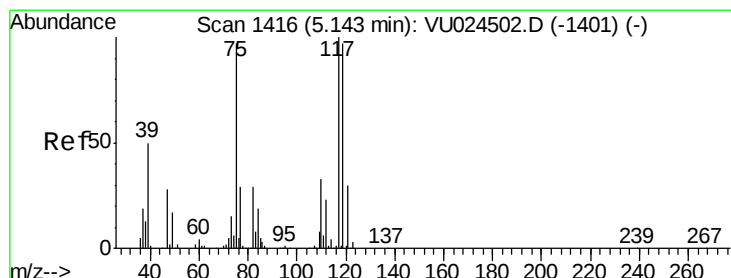
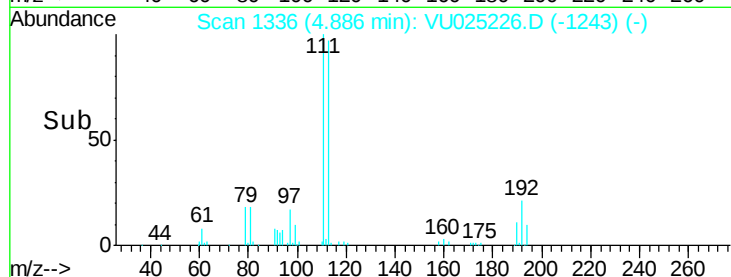
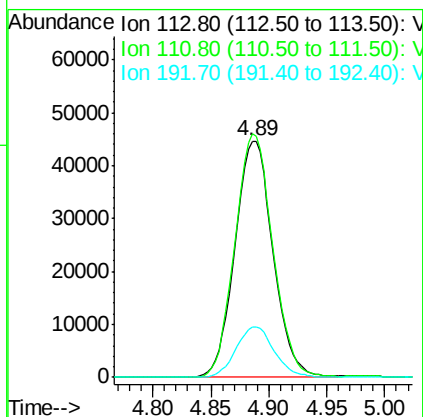
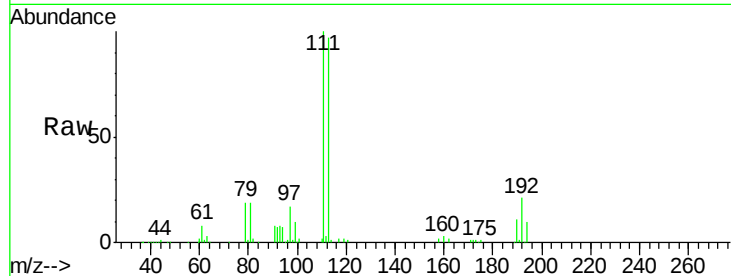
#35
 Dibromofluoromethane
 Concen: 49.579 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	21.6	16.2	24.4

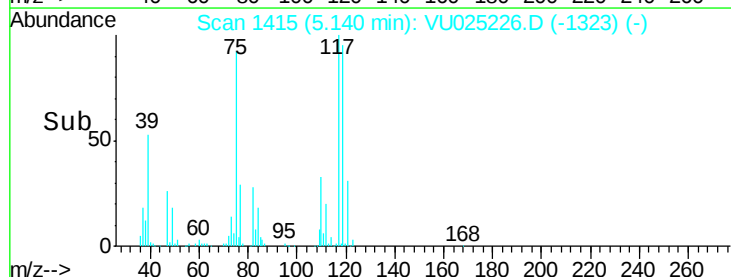
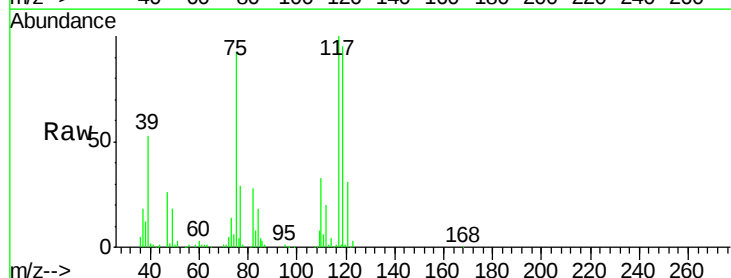
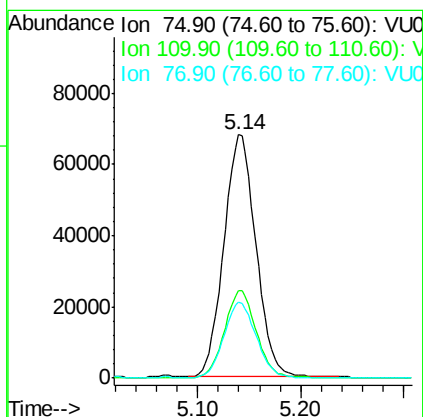
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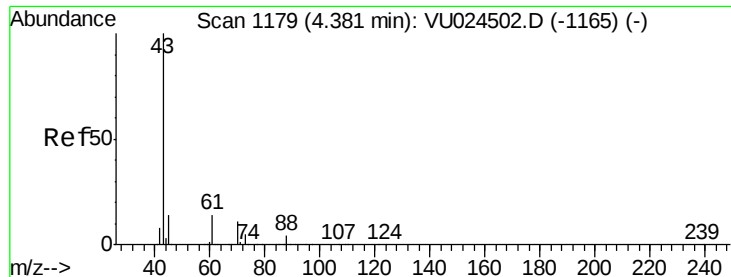
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#36
 1,1-Dichloropropene
 Concen: 50.786 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.0	50.9
77	31.3	24.2	36.4





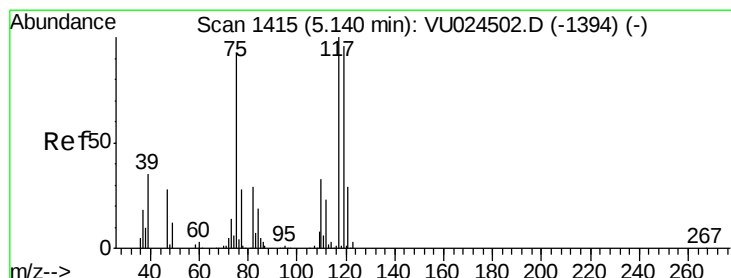
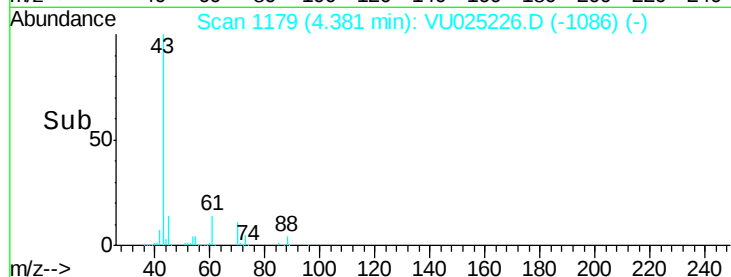
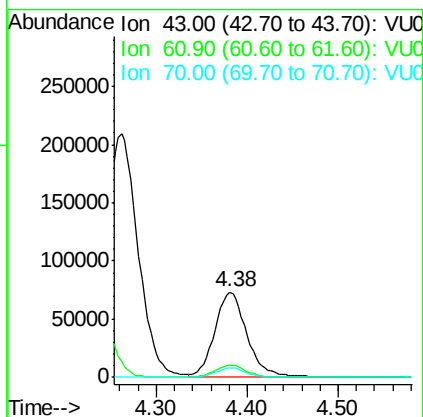
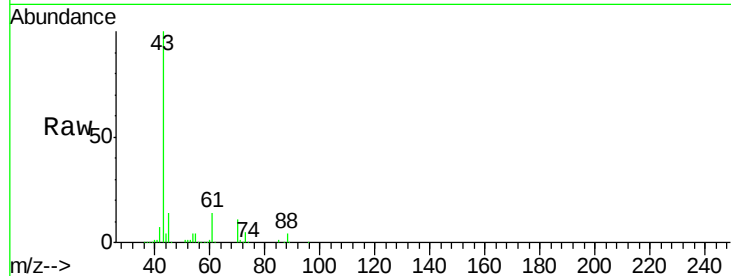
#37
Ethyl Acetate
Concen: 55.960 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.5	15.7
70	10.8	7.4	11.2

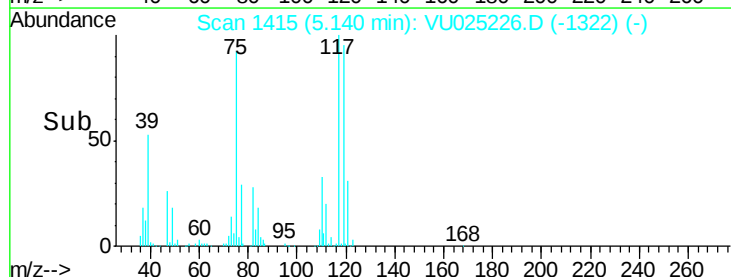
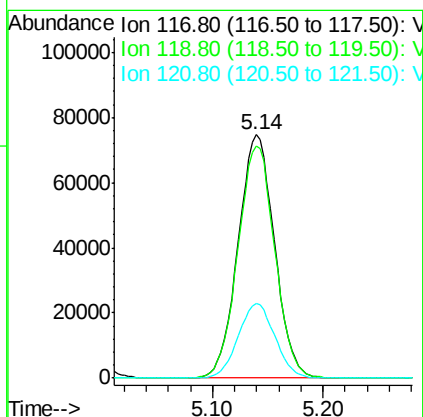
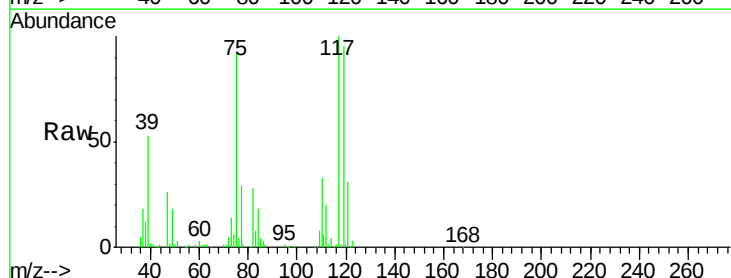
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 53.306 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.1	114.1
121	30.8	23.7	35.5





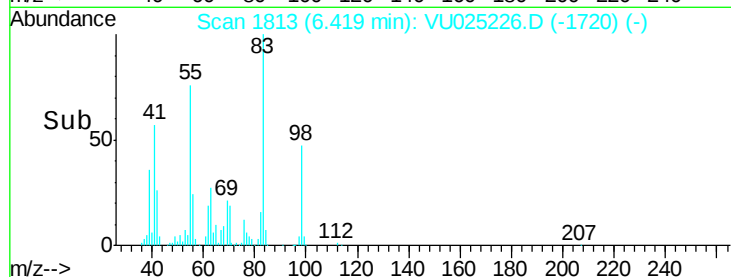
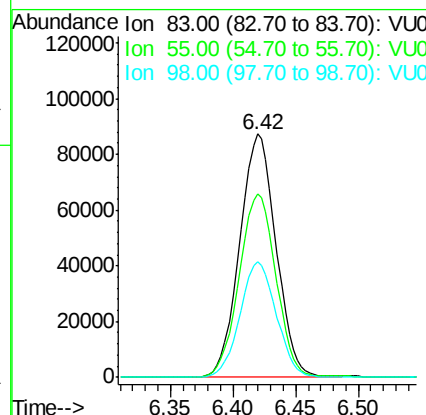
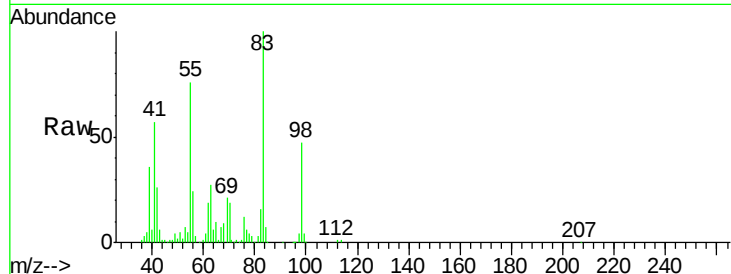
#39
Methvlcvclohexane
Concen: 48.604 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.5	65.8	98.6
98	47.3	36.7	55.1

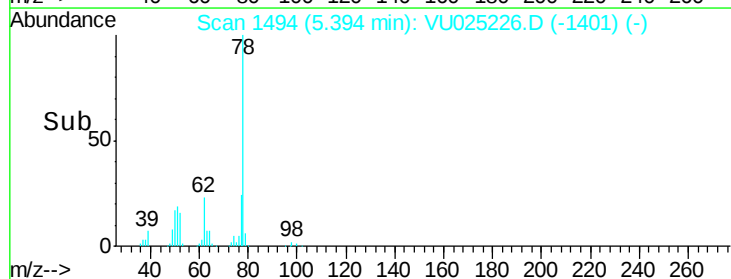
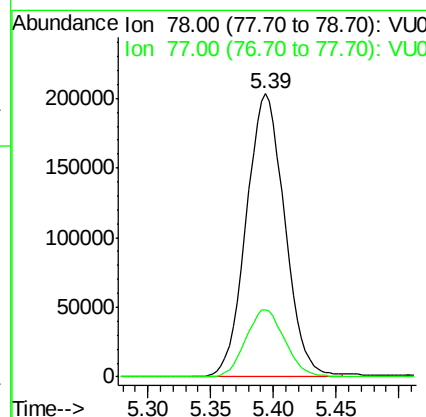
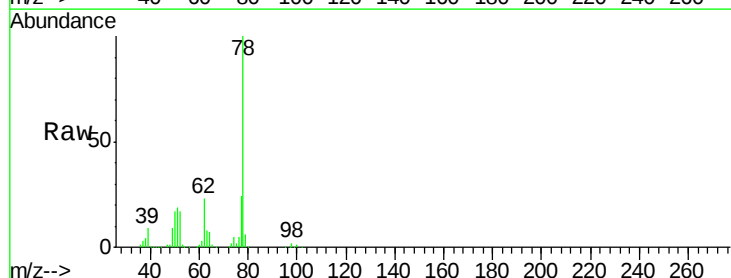
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#40
Benzene
Concen: 52.387 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8





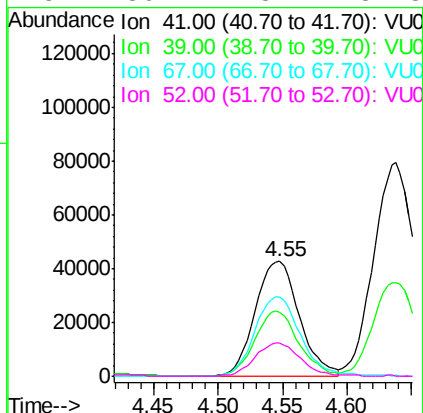
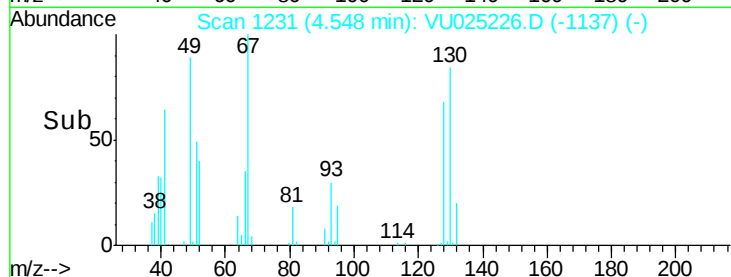
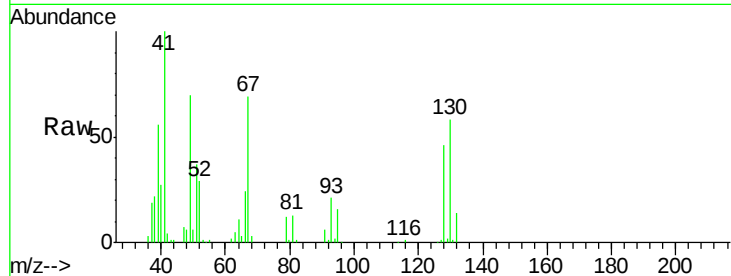
#41
Methacrylonitrile
Concen: 59.818 ug/l
RT: 4.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.3	43.8	65.6	
67	70.8	56.3	84.5	
52	30.1	23.2	34.8	

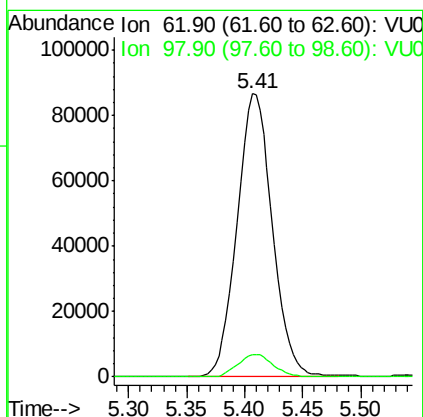
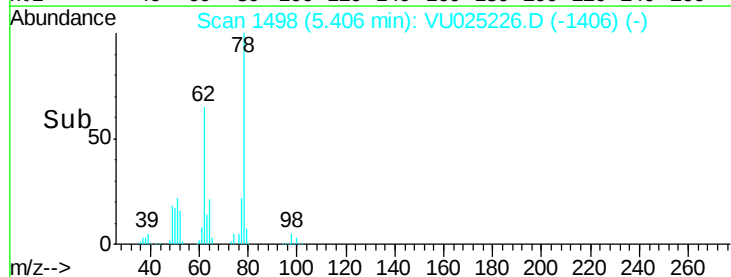
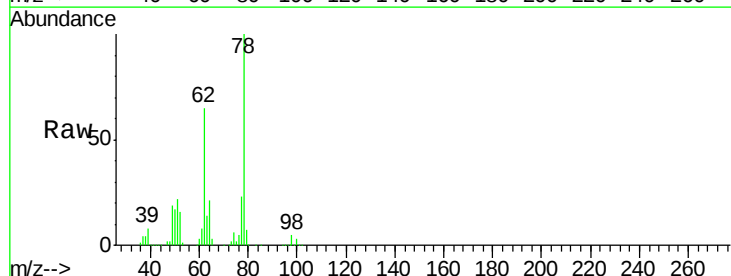
Manual Integrations
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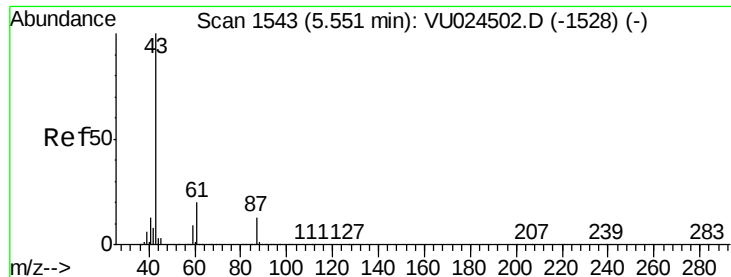
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#42
1,2-Dichloroethane
Concen: 57.982 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

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





#43

Isopropyl Acetate

Concen: 51.924 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025226.D

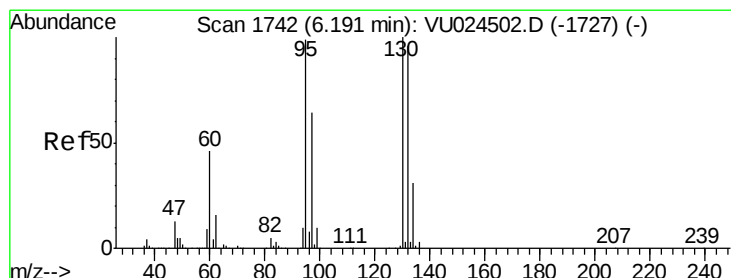
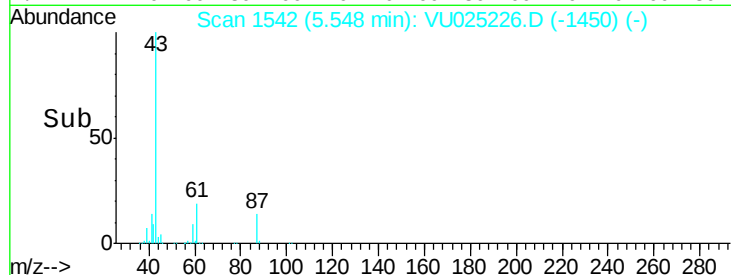
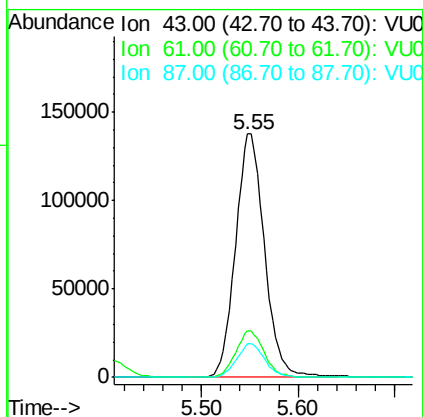
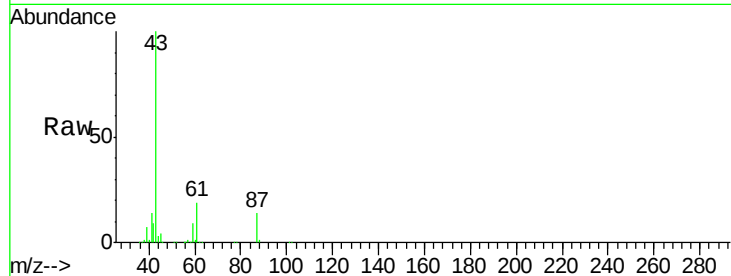
Acq: 05 Jul 2018 19:29

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MS

Tot Ion:	43	Resp:	284391
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.4	23.0
87	13.6	10.0	15.0

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#44

Trichloroethene

Concen: 59.935 ug/l

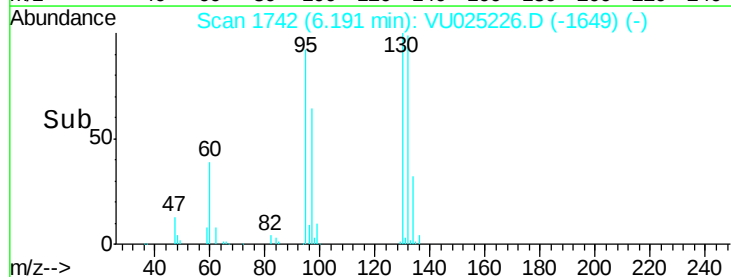
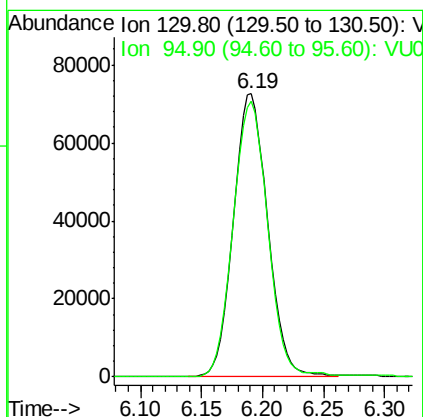
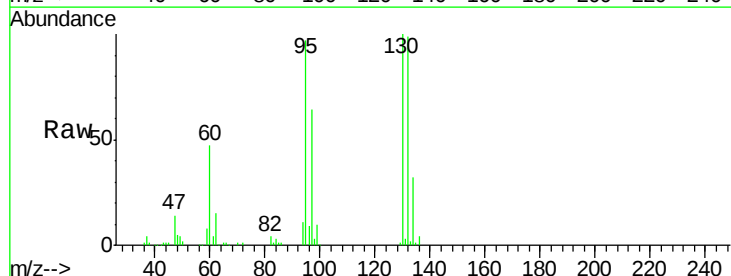
RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Tgt Ion:	130	Resp:	141301
Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	202.4





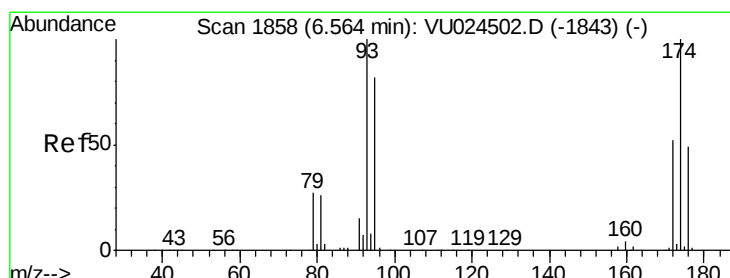
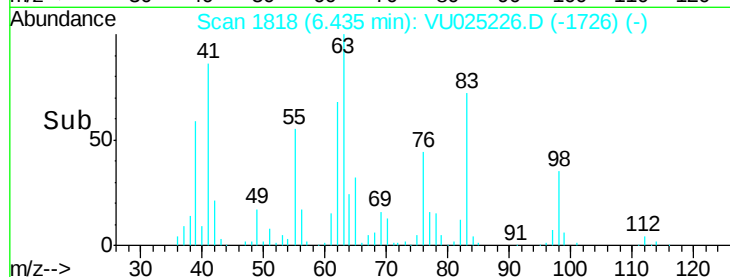
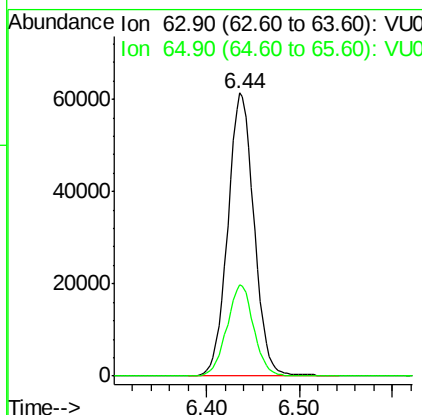
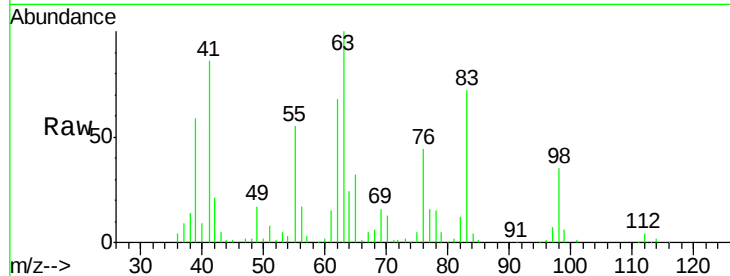
#45
 1,2-Dichloropropane
 Concen: 54.459 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MS

Tot Ion: 63 Resp: 120374
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.8 37.2

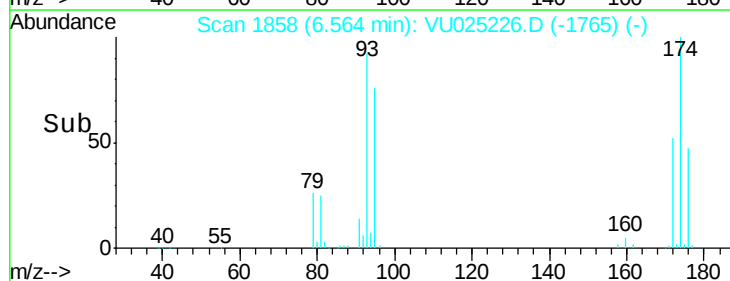
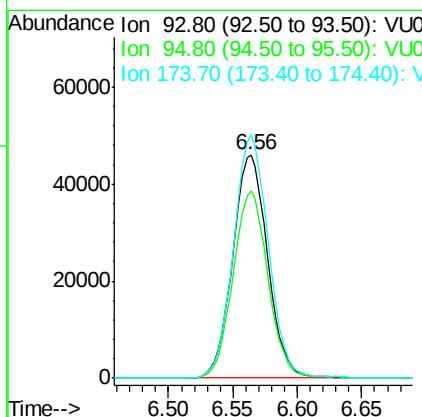
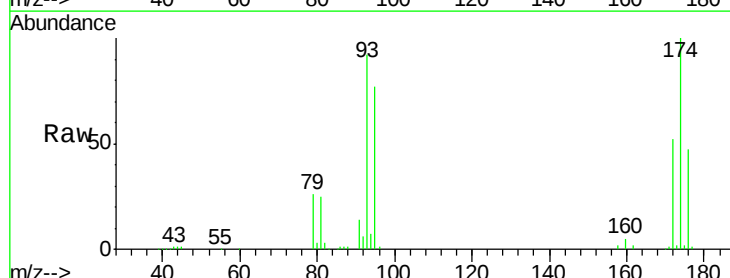
Manual Integrations
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#46
 Dibromomethane
 Concen: 55.782 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Tgt Ion: 93 Resp: 86606
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.5 98.3
 174 108.0 78.7 118.1





#47

Bromodichloromethane

Concen: 53.465 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

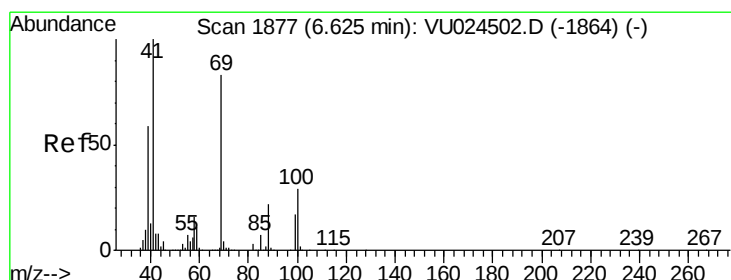
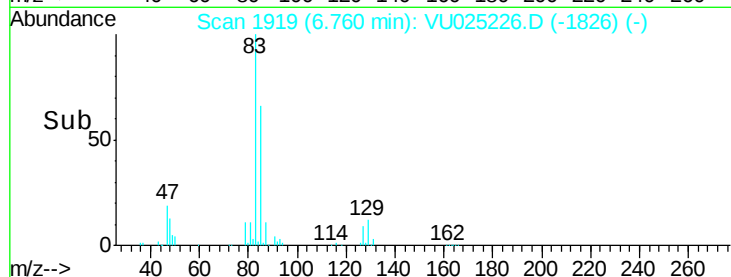
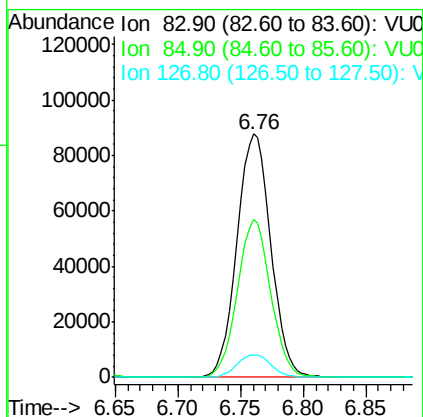
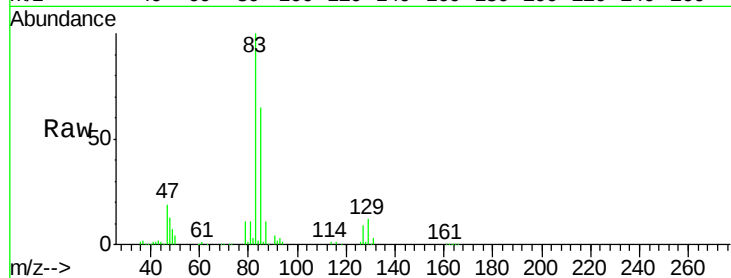
ClientSampleId :

WP021MW472-180628MS

Tot Ion:	83	Resp:	165293
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.9	77.9
127	9.2	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 57.147 ug/l

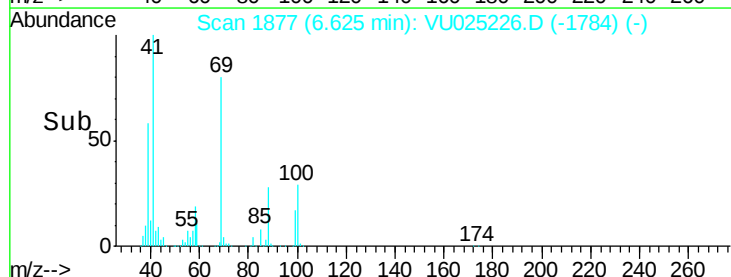
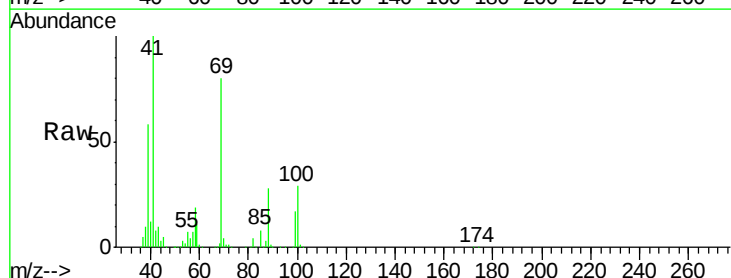
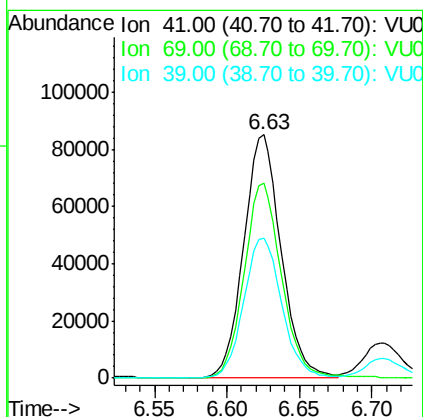
RT: 6.63 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Tgt Ion:	41	Resp:	152413
Ion	Ratio	Lower	Upper
41	100		
69	80.5	67.3	100.9
39	58.8	46.5	69.7





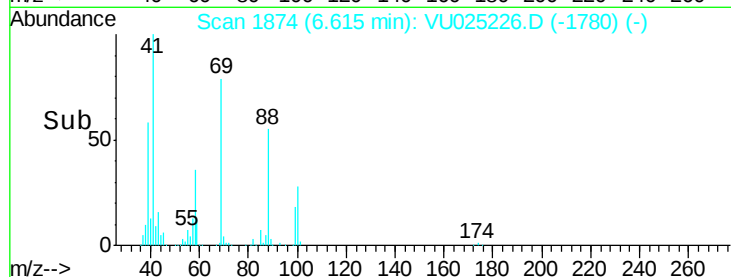
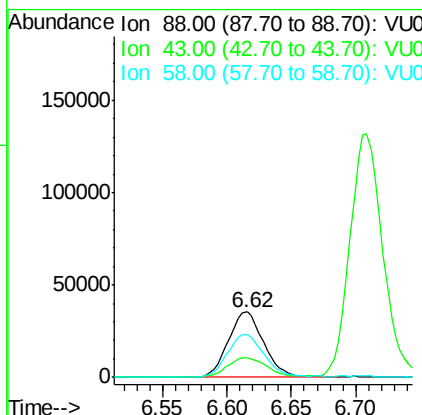
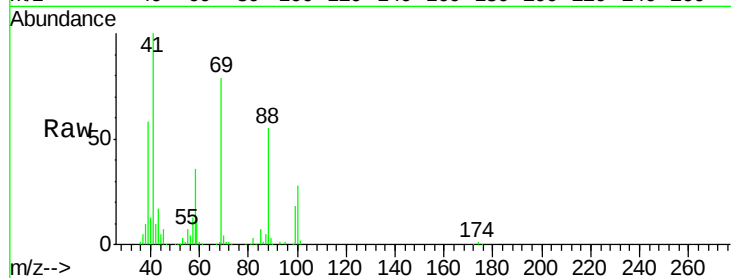
#49
1,4-Dioxane
Concen: 1282.971 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.1	28.6	42.8
58	68.5	58.2	87.4

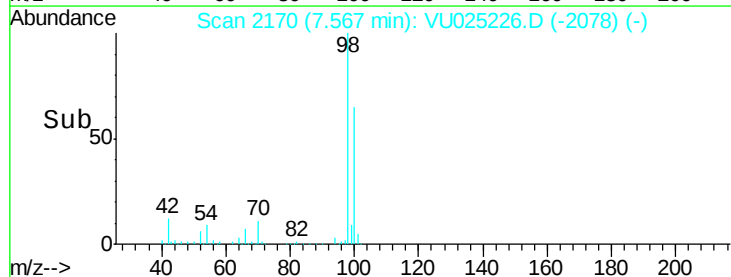
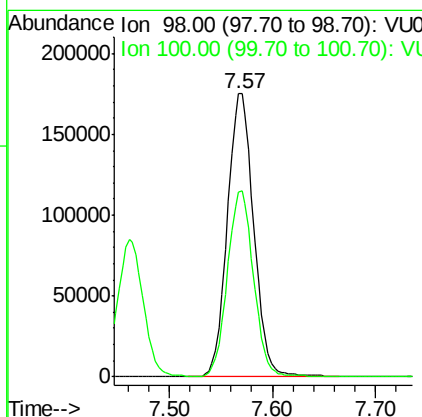
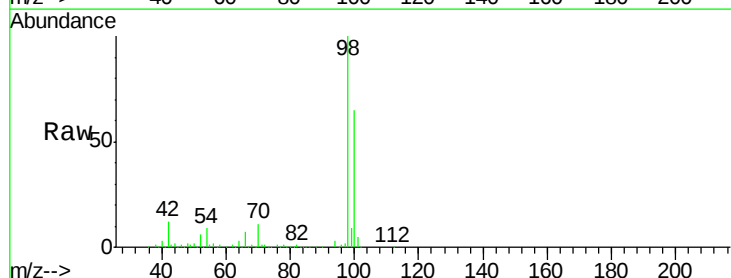
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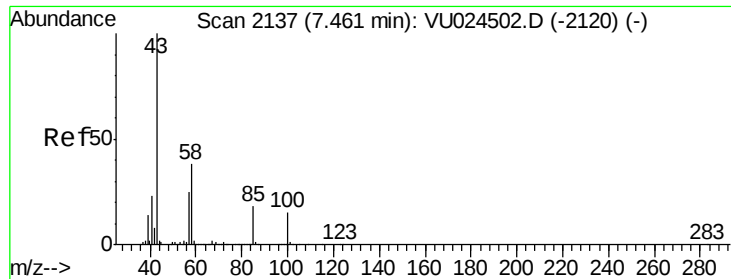
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#50
Toluene-d8
Concen: 41.815 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 281.755 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628MS

Tot Ion: 43 Resp: 969520

Ion Ratio Lower Upper

43 100

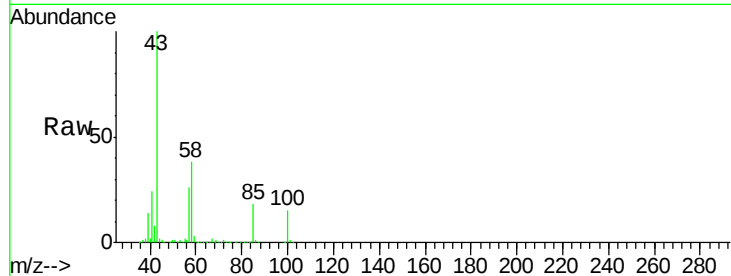
58 38.5 30.0 45.0

Manual Integrations

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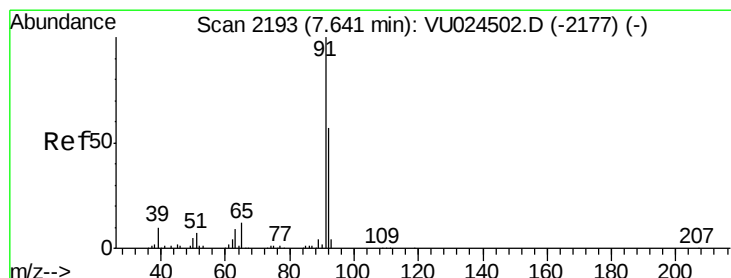
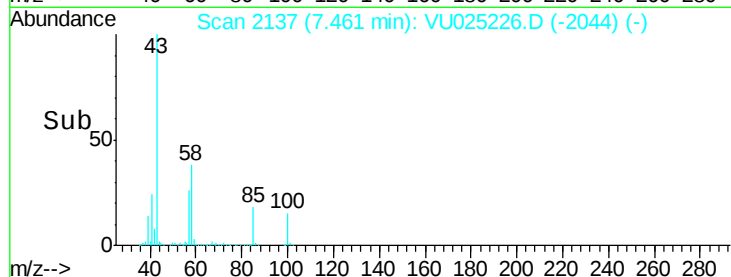
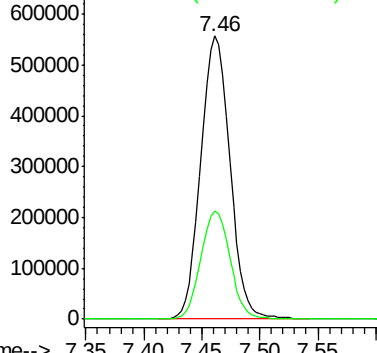
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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 53.295 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU025226.D

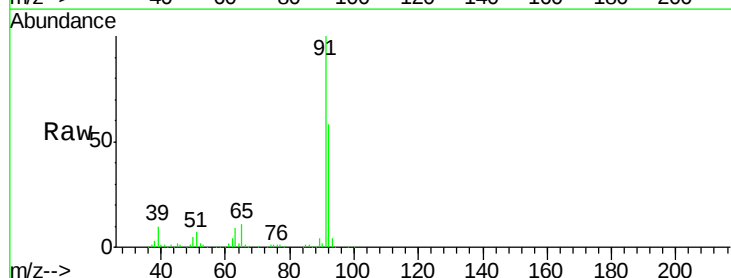
Acq: 05 Jul 2018 19:29

Tgt Ion: 92 Resp: 284039

Ion Ratio Lower Upper

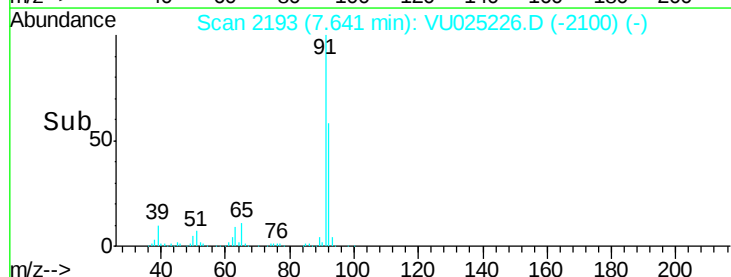
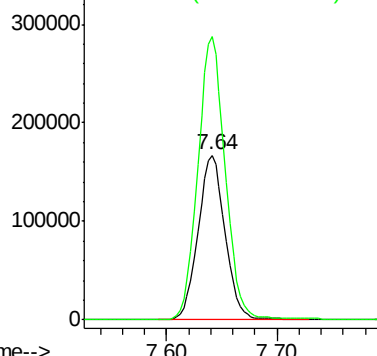
92 100

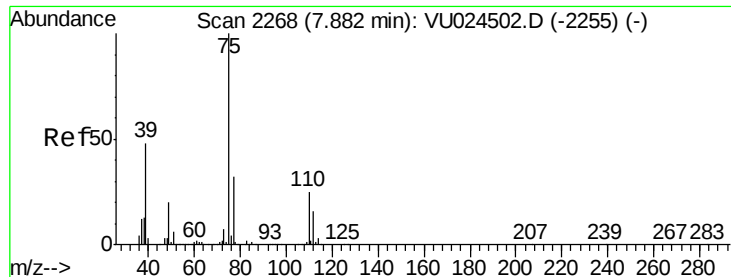
91 174.8 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0





#53

t-1,3-Dichloropropene

Concen: 49.705 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628MS

Tot Ion: 75 Resp: 172570

Ion Ratio Lower Upper

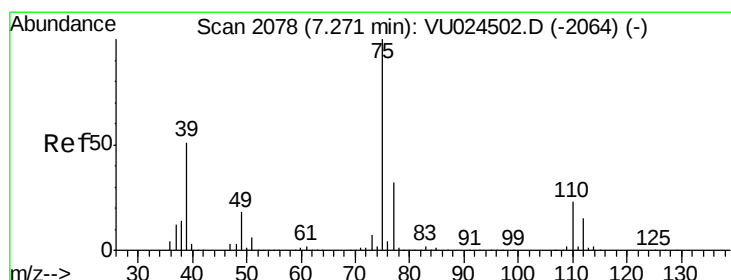
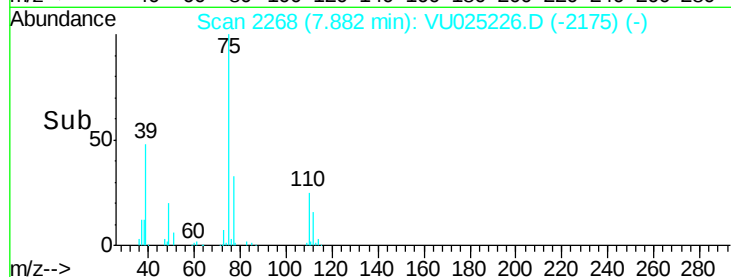
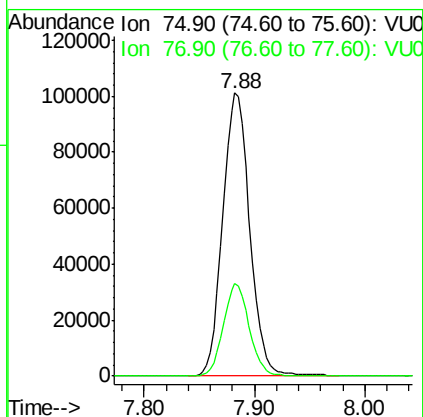
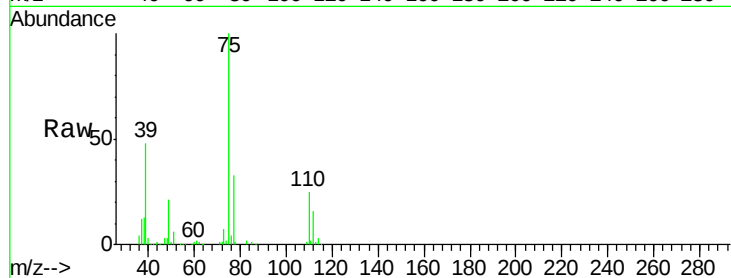
75 100

77 32.9 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 49.047 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

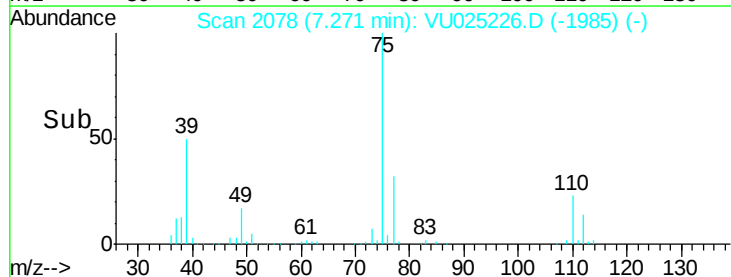
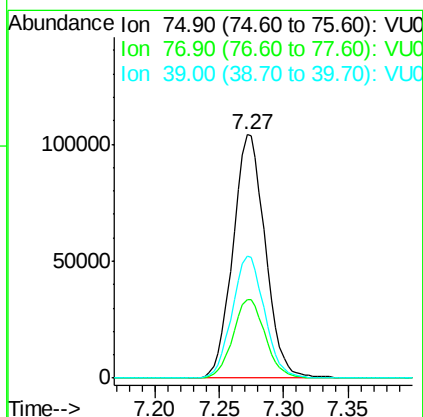
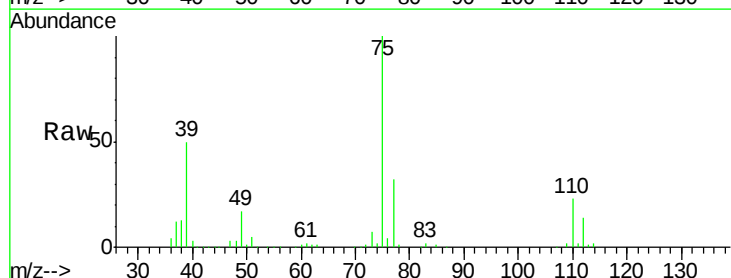
Tgt Ion: 75 Resp: 181449

Ion Ratio Lower Upper

75 100

77 32.4 24.6 36.8

39 50.2 39.8 59.6





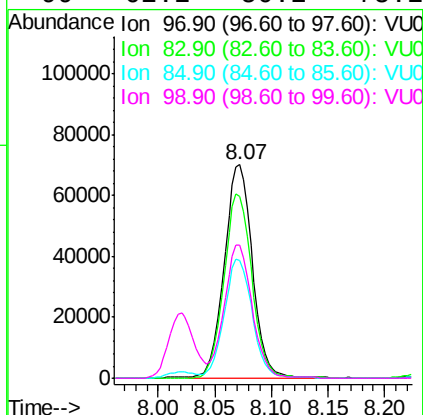
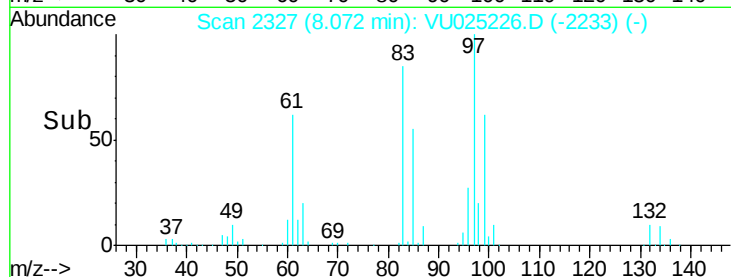
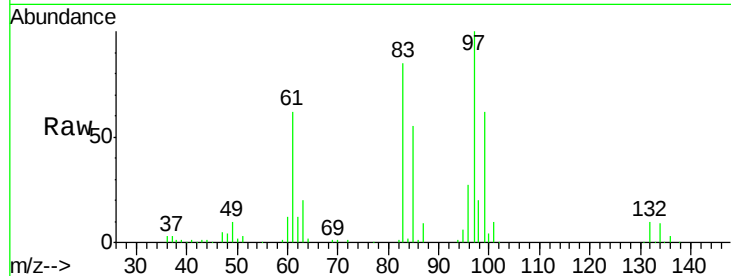
#55
 1,1,2-Trichloroethane
 Concen: 55.445 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MS

Tot Ion	97	Resp	120116
Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.5	105.7
85	55.3	46.4	69.6
99	62.2	50.2	75.2

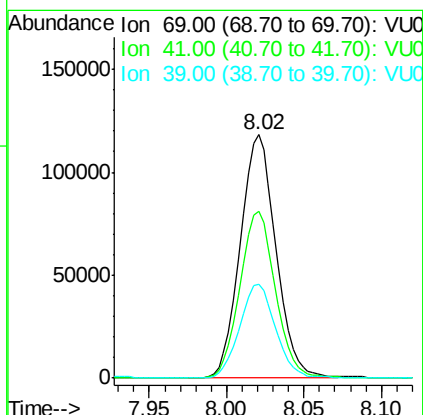
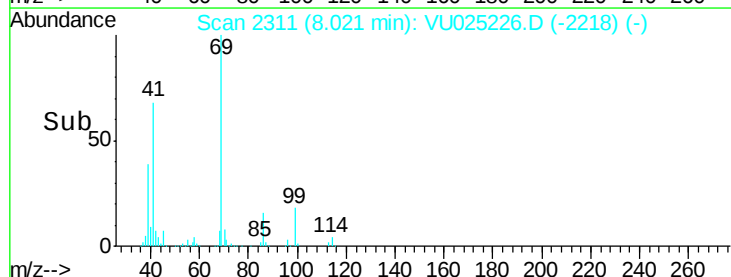
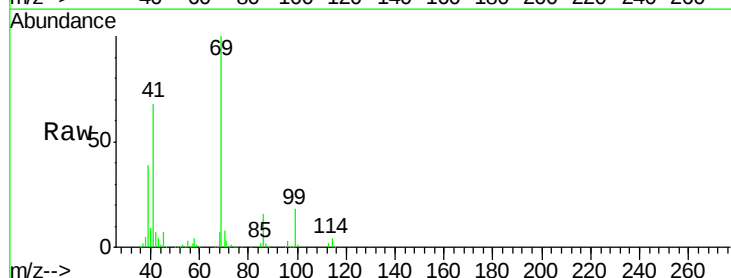
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 52.343 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Tgt Ion	69	Resp	189797
Ion	Ratio	Lower	Upper
69	100		
41	68.5	54.1	81.1
39	38.5	30.3	45.5





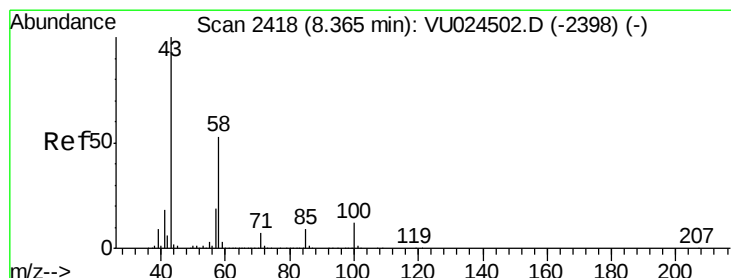
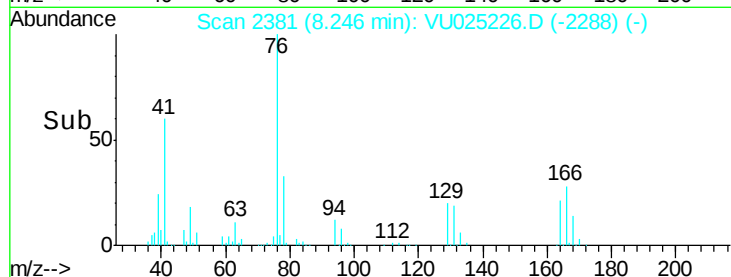
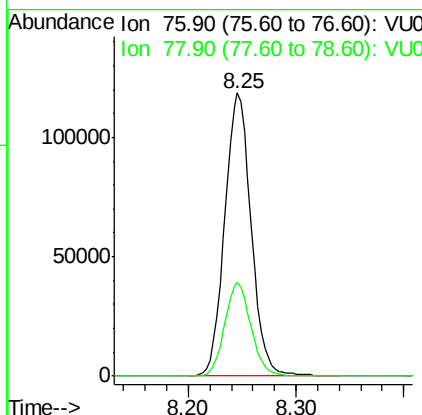
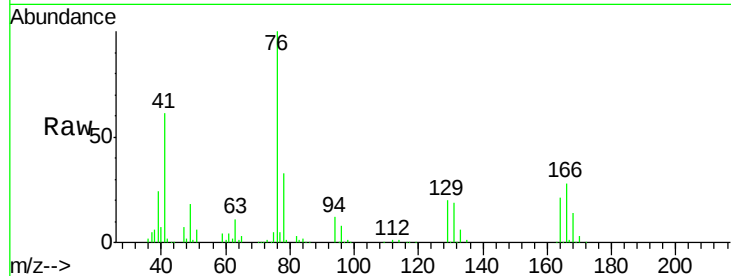
#57
 1,3-Dichloropropane
 Concen: 55.327 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.2	37.8

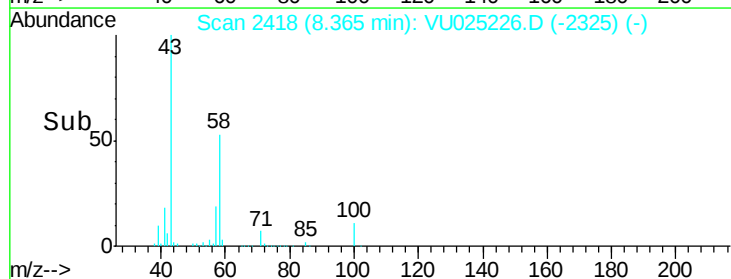
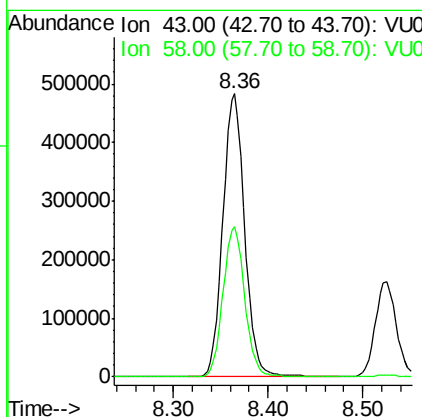
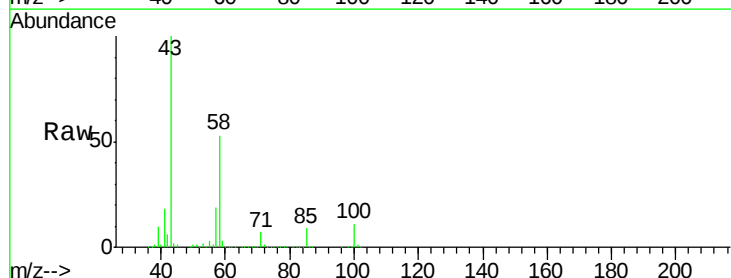
Manual Integrations
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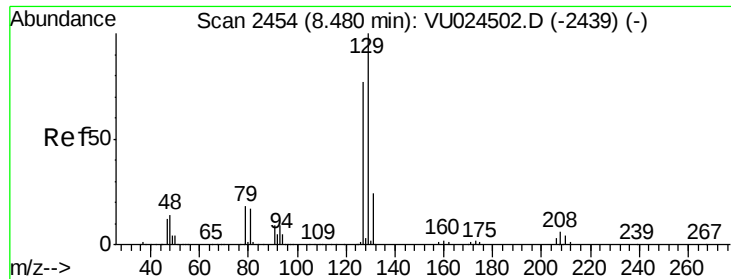
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#59
 2-Hexanone
 Concen: 275.515 ug/l
 RT: 8.36 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
43	100		
58	53.1	26.4	79.0





#60

Dibromochloromethane

Concen: 50.694 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628MS

Tot Ion:129 Resp: 136951

Ion Ratio Lower Upper

129 100

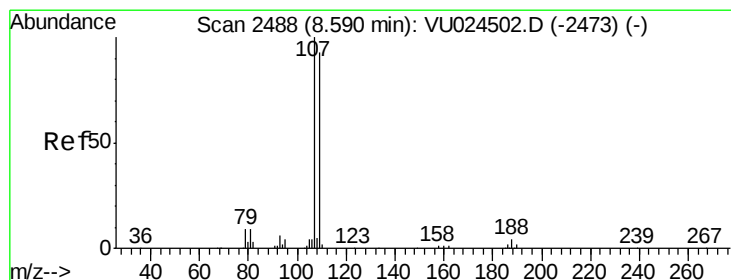
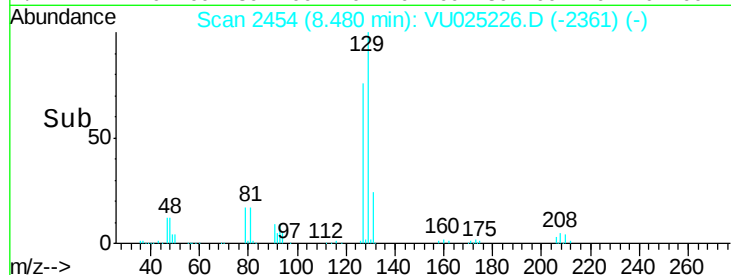
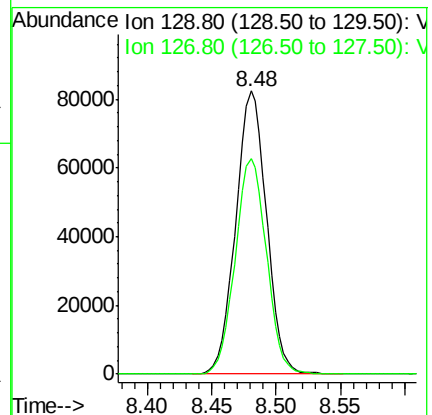
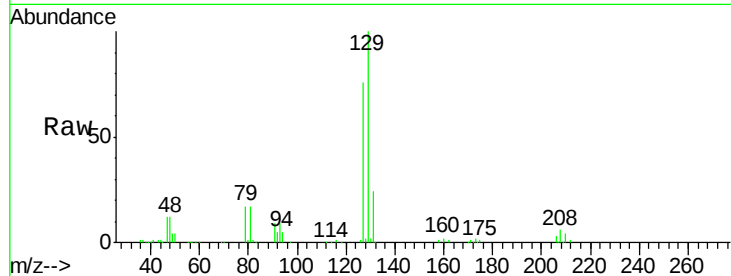
127 77.4 38.6 116.0

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 54.860 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025226.D

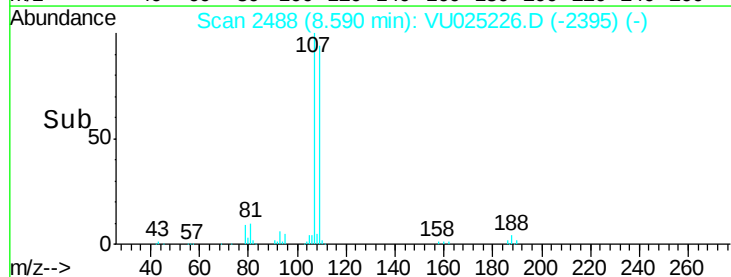
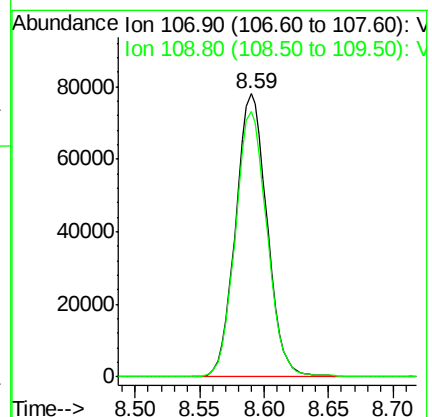
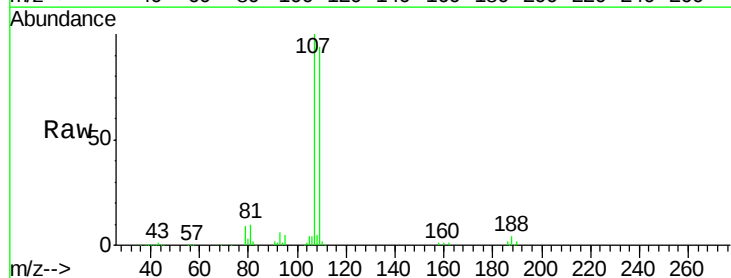
Acq: 05 Jul 2018 19:29

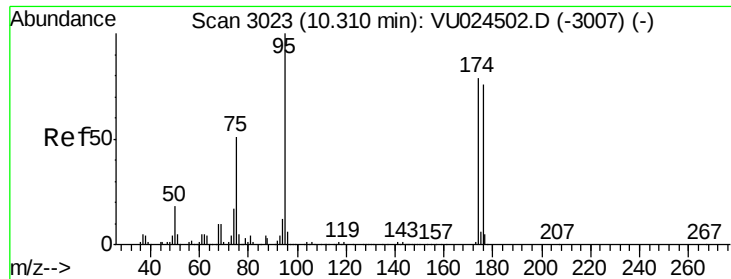
Tgt Ion:107 Resp: 132283

Ion Ratio Lower Upper

107 100

109 94.6 74.5 111.7





#62

4-Bromofluorobenzene

Concen: 47.209 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

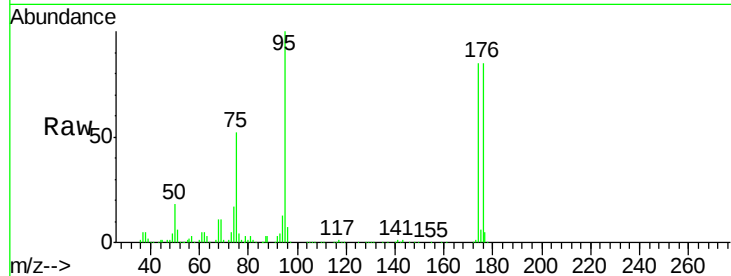
ClientSampleId :

WP021MW472-180628MS

Tot Ion:	95	Resp:	140381
Ion Ratio	Lower	Upper	
95	100		
174	85.5	0.0	165.8
176	83.3	0.0	159.4

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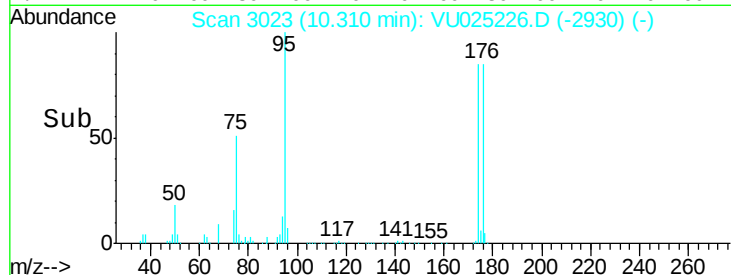


Abundance Ion 94.90 (94.60 to 95.60): VU025226.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU025226.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU025226.D (-2930) (-)

Time-->



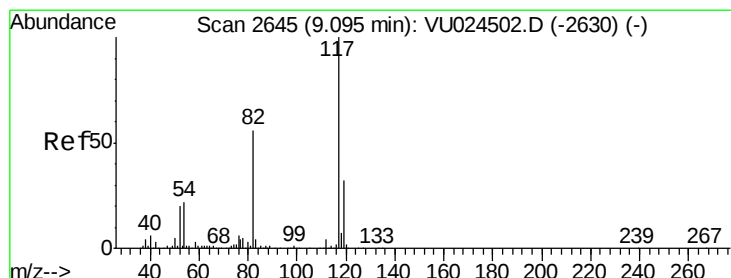
Abundance

Ion 94.90 (94.60 to 95.60): VU025226.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU025226.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU025226.D (-2930) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

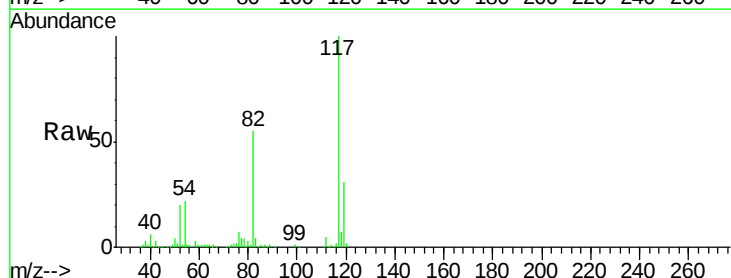
RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Tgt Ion:	117	Resp:	237281
Ion Ratio	Lower	Upper	
117	100		
82	55.0	44.3	66.5
119	31.3	25.4	38.2

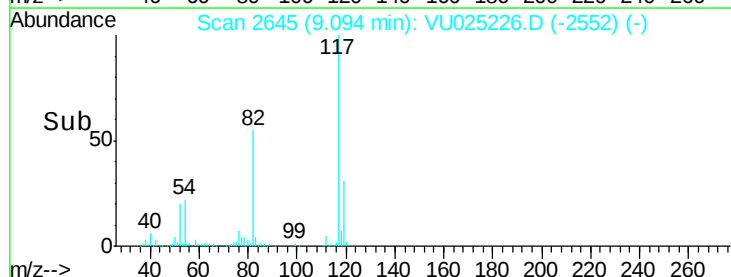


Abundance Ion 116.90 (116.60 to 117.60): VU025226.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU025226.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU025226.D (-2552) (-)

Time-->



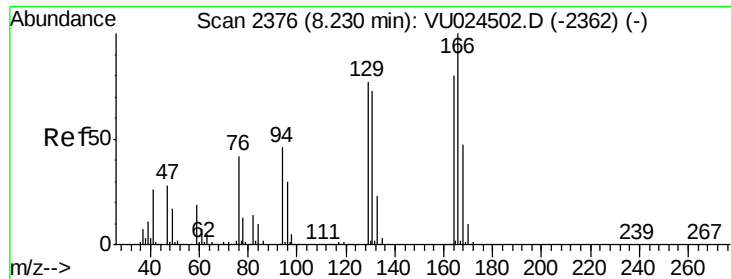
Abundance

Ion 116.90 (116.60 to 117.60): VU025226.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU025226.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU025226.D (-2552) (-)

Time-->



#64

Tetrachloroethene

Concen: 45.579 ug/l

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

ClientSampleId :

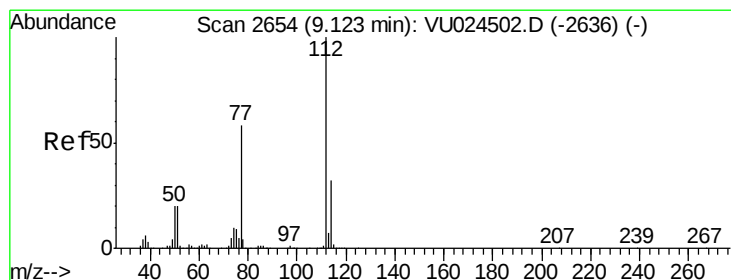
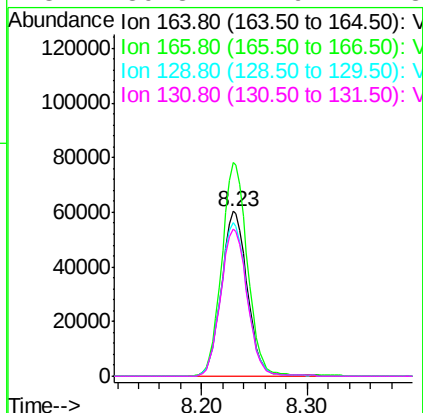
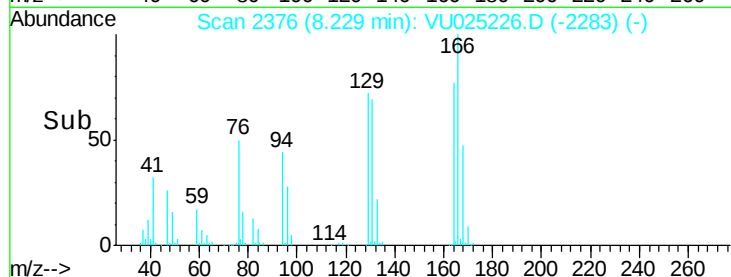
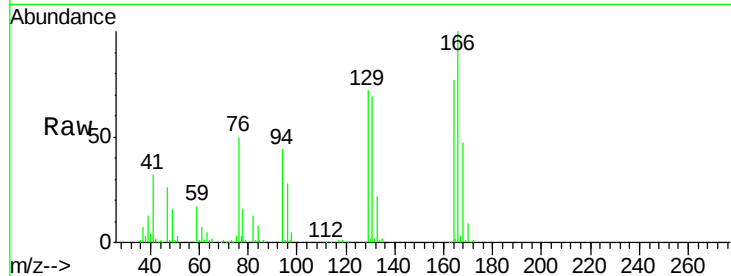
WP021MW472-180628MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	129.6	101.7	152.5	
129	93.3	76.9	115.3	
131	89.3	74.9	112.3	

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#65

Chlorobenzene

Concen: 57.384 ug/l

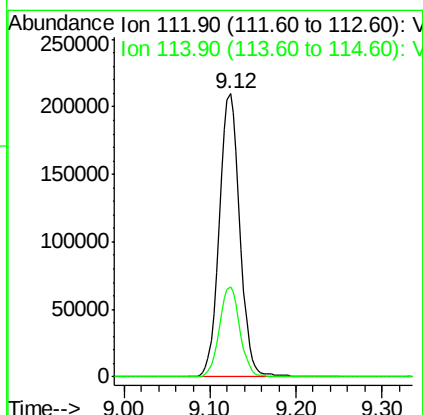
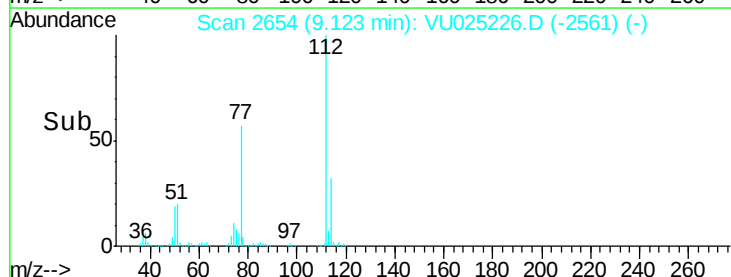
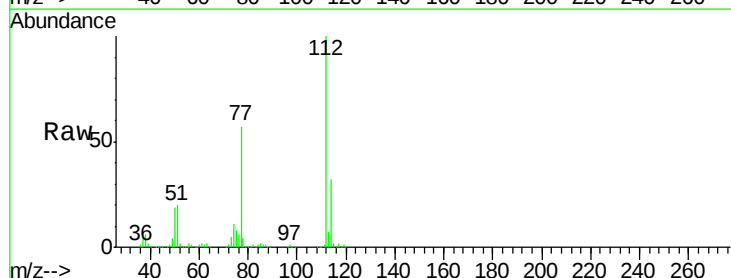
RT: 9.12 min Scan# 2654

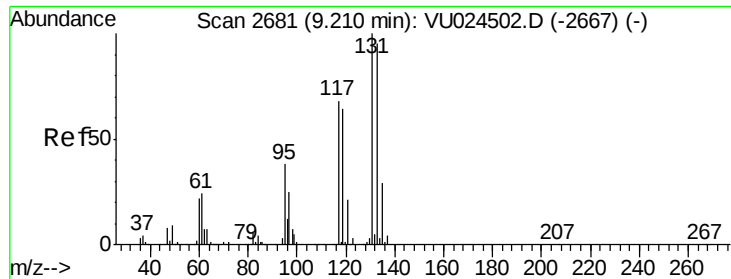
Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	32.0	25.6	38.4	





#66

1,1,1,2-Tetrachloroethane

Concen: 54.012 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

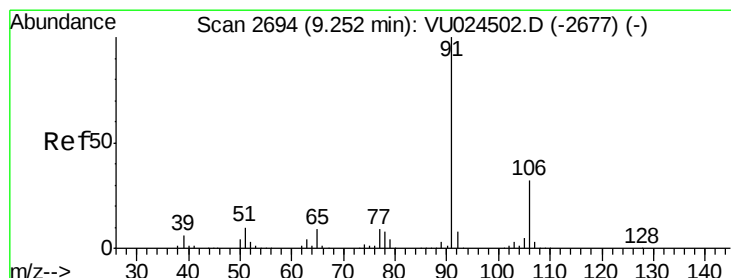
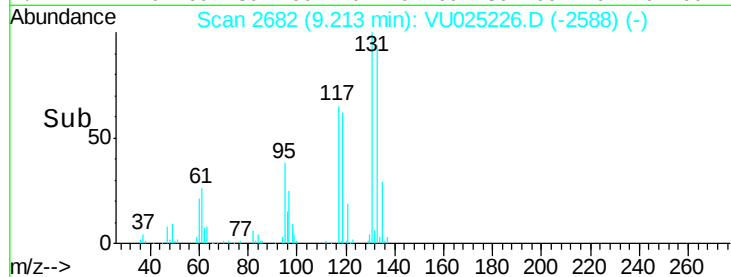
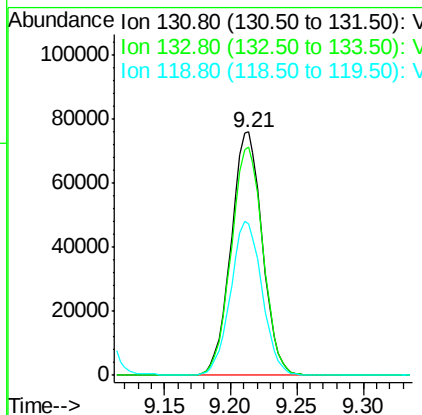
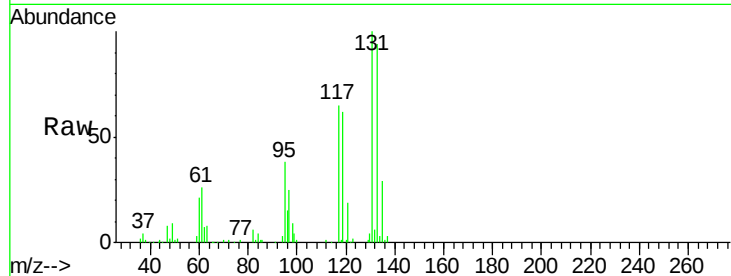
ClientSampleId :

WP021MW472-180628MS

Tot Ion:	131	Resp:	124387
Ion Ratio	Lower	Upper	
131	100		
133	95.3	46.9	140.8
119	63.7	33.5	100.4

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#67

Ethyl Benzene

Concen: 52.504 ug/l

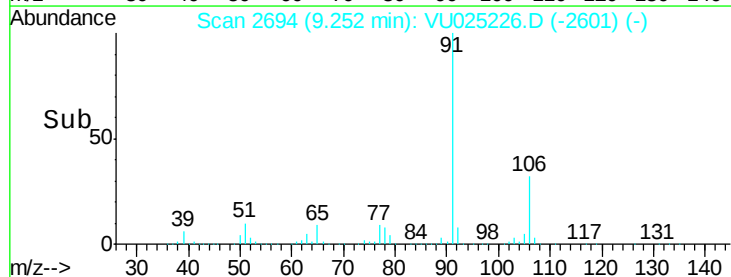
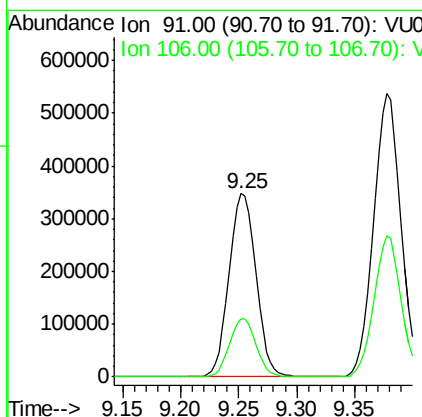
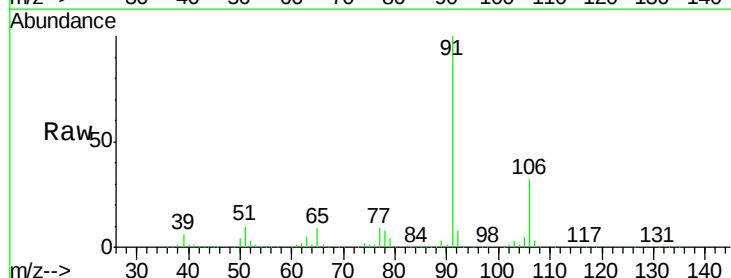
RT: 9.25 min Scan# 2694

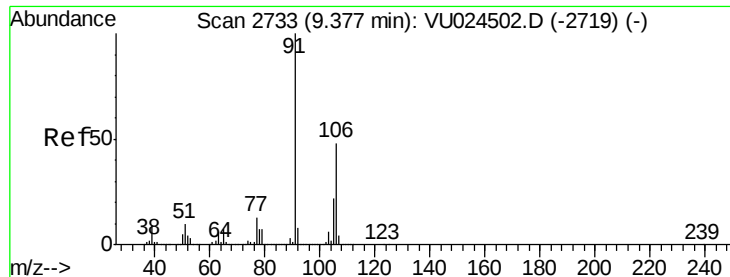
Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Tgt Ion:	91	Resp:	557936
Ion Ratio	Lower	Upper	
91	100		
106	31.8	24.2	36.4





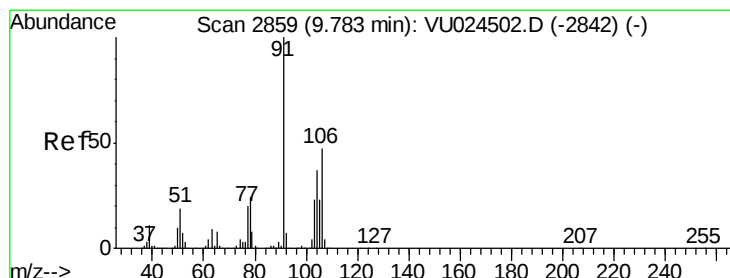
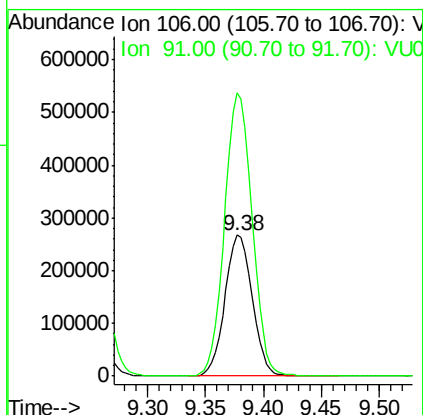
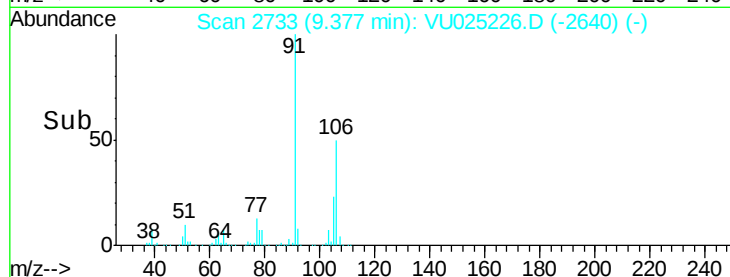
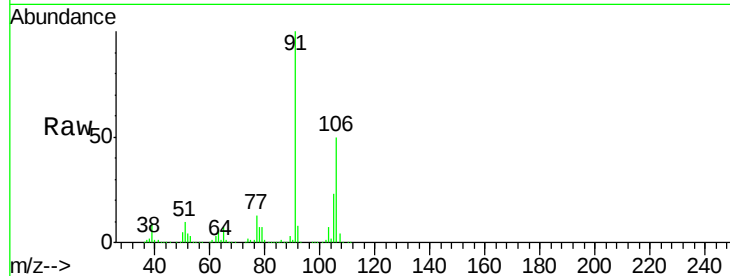
#68
m/p-Xylenes
Concen: 107.210 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MS

Tot Ion:106 Resp: 437482
Ion Ratio Lower Upper
106 100
91 203.0 166.5 249.7

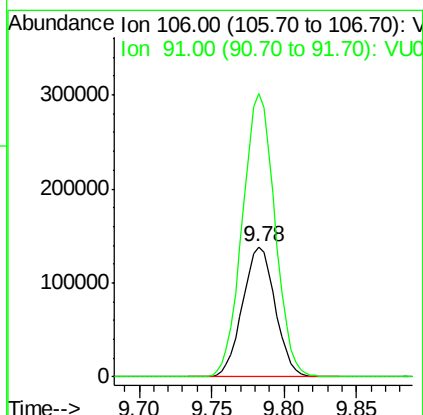
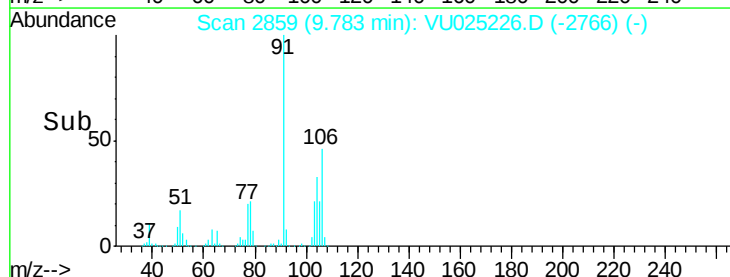
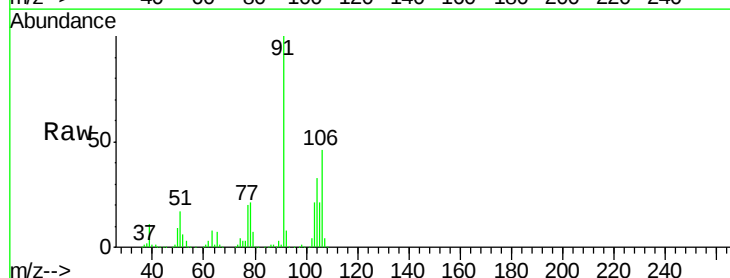
Manual Integrations
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sam
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#69
o-Xylene
Concen: 53.793 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion:106 Resp: 217238
Ion Ratio Lower Upper
106 100
91 217.3 110.7 331.9





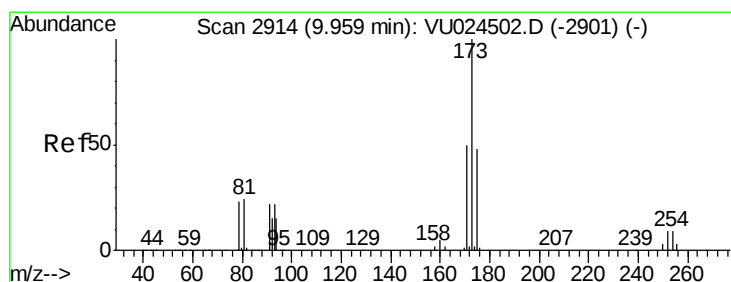
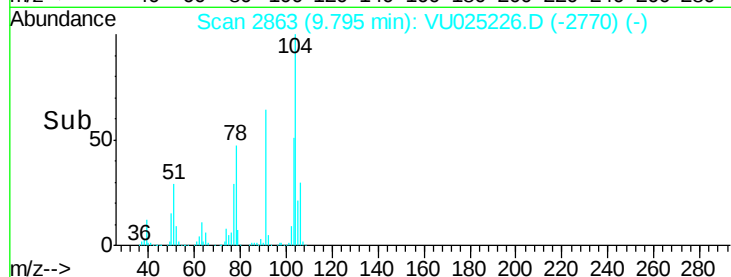
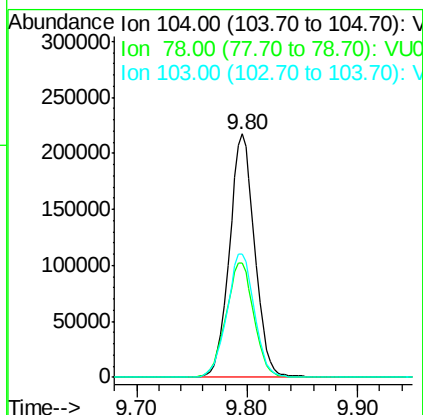
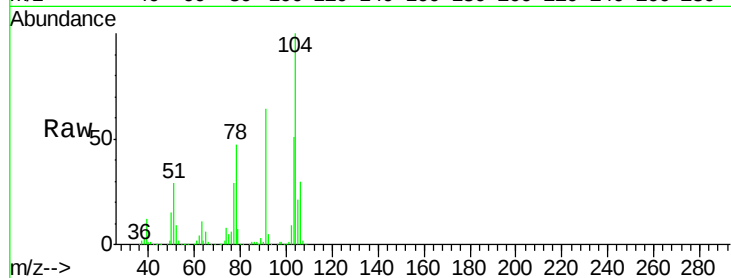
#70
Stvrene
Concen: 51.841 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	344039		
78	52.1		40.6	60.8
103	55.4		44.7	67.1

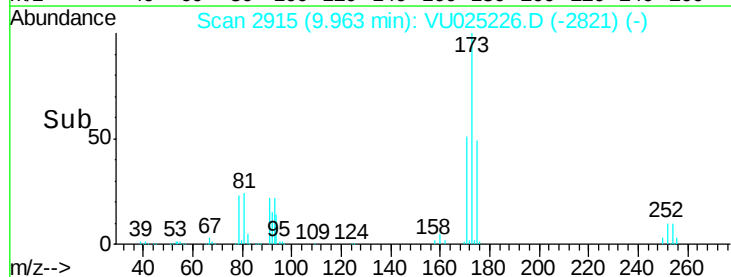
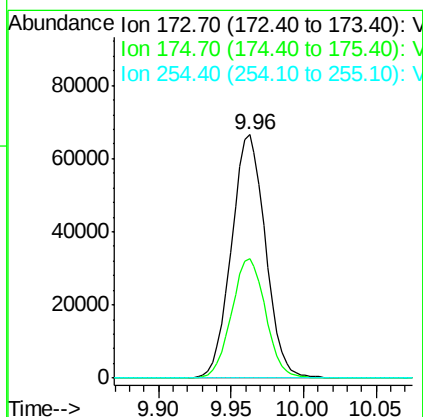
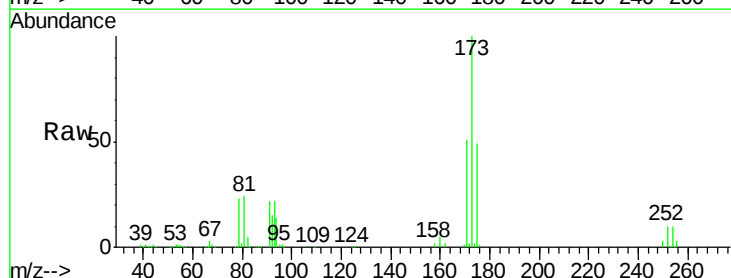
Manual Integrations
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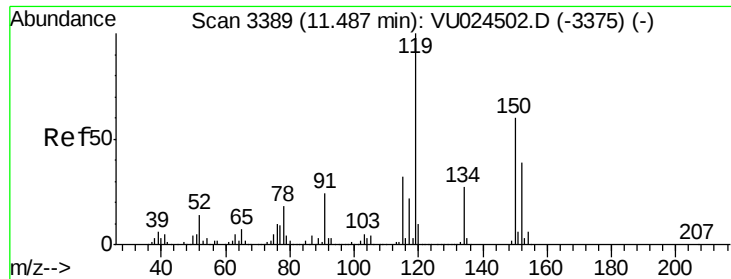
sam
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#71
Bromoform
Concen: 49.495 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	108341		
175	49.1		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: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

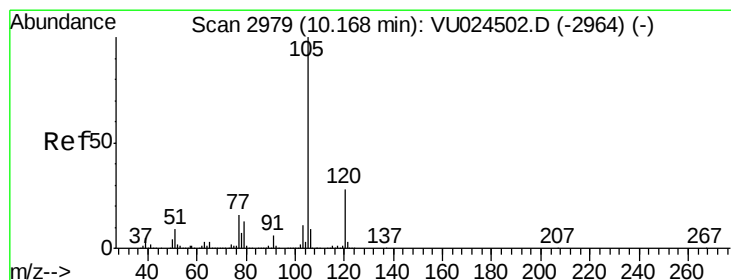
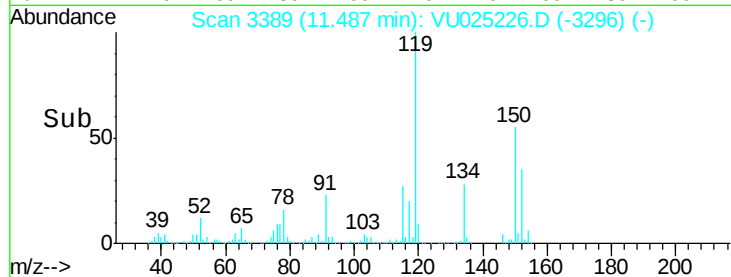
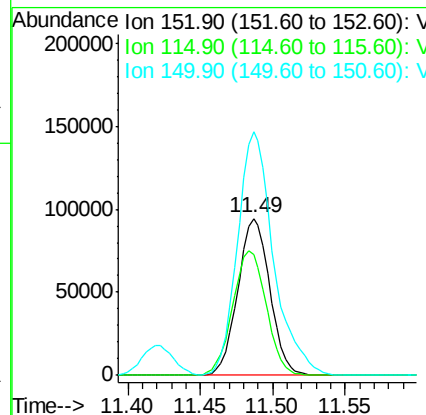
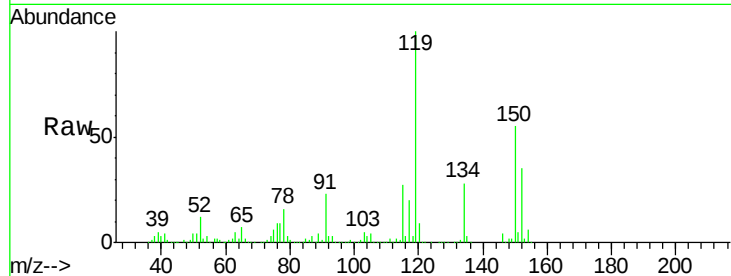
ClientSampleId :

WP021MW472-180628MS

Tot Ion:	152	Resp:	144834
Ion Ratio	Lower	Upper	
152	100		
115	83.2	43.0	129.0
150	174.5	0.0	354.0

Manual Integrations
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#73

Isopropylbenzene

Concen: 53.654 ug/l

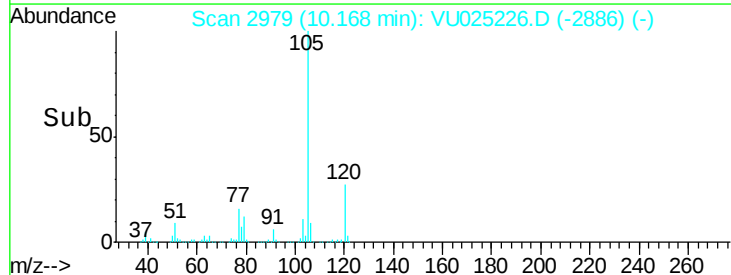
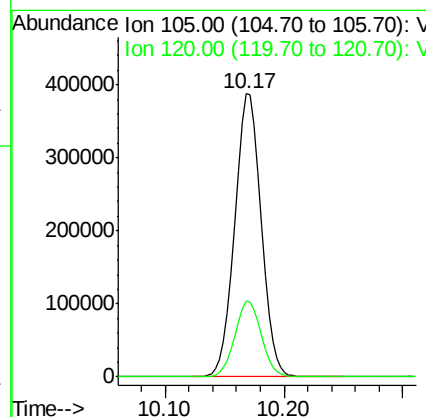
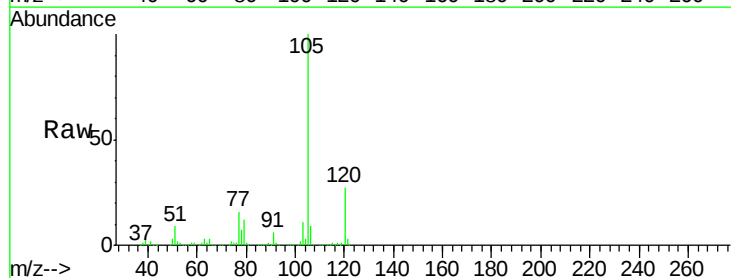
RT: 10.17 min Scan# 2979

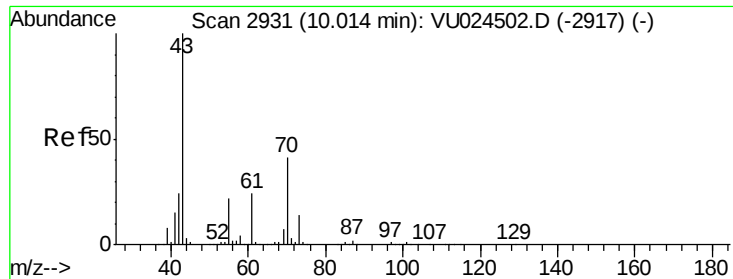
Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Tgt Ion:	105	Resp:	596621
Ion Ratio	Lower	Upper	
105	100		
120	26.8	13.2	39.6





#74

N-amvl acetate

Concen: 47.443 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

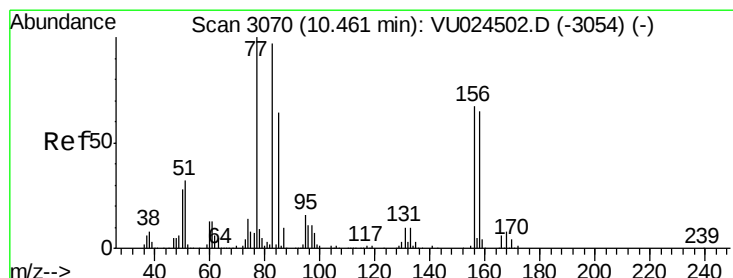
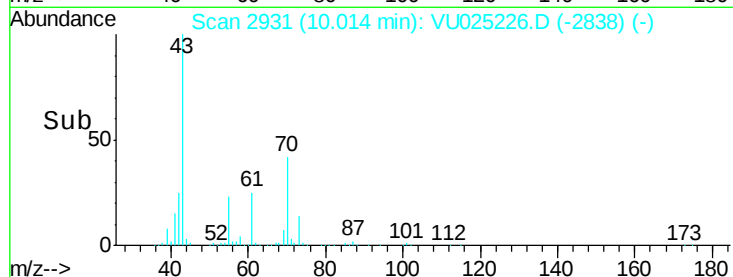
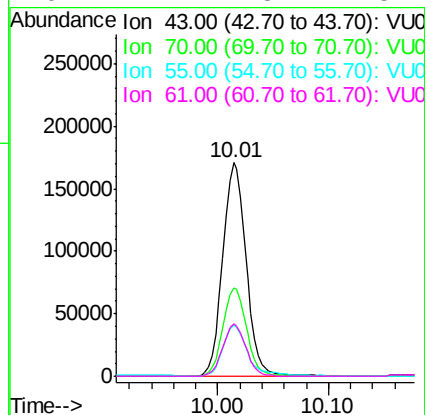
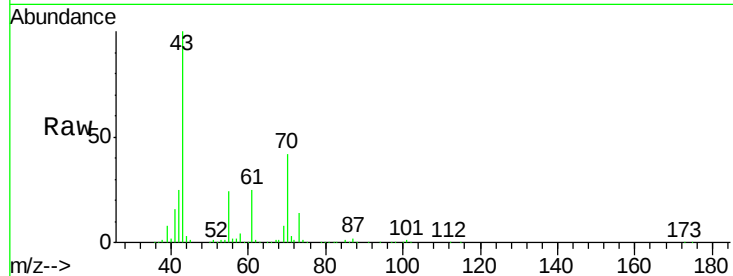
ClientSampleId :

WP021MW472-180628MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	42.0	32.2	48.4	
55	25.4	20.5	30.7	
61	24.2	18.7	28.1	

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 55.015 ug/l

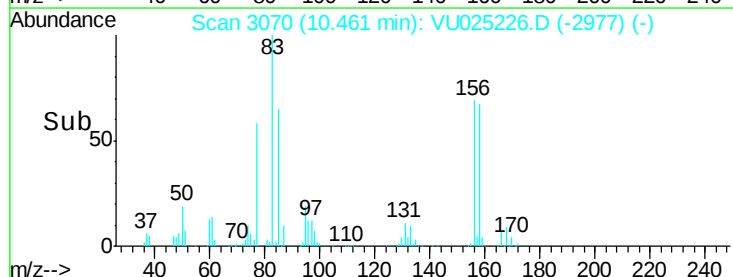
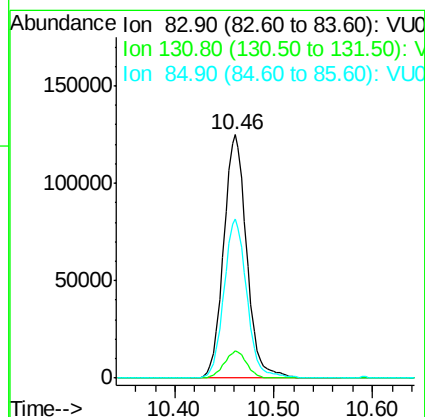
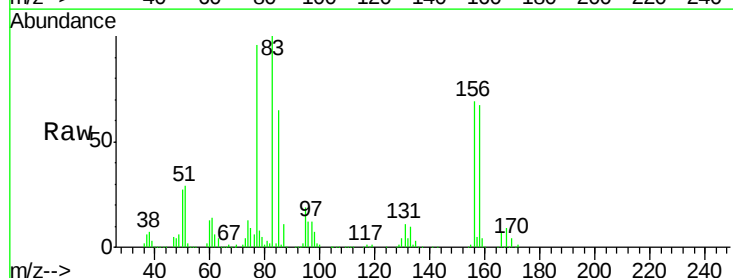
RT: 10.46 min Scan# 3070

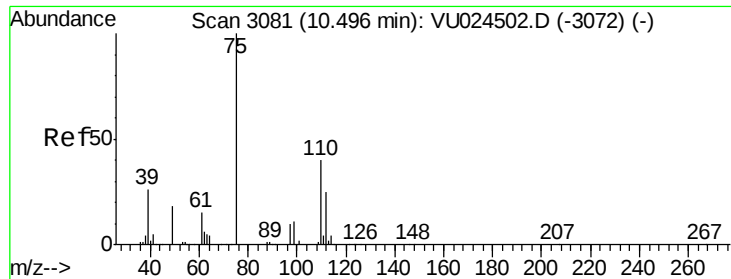
Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.8	4.7	14.1	
85	65.2	32.5	97.5	





#76

1,2,3-Trichloropropane

Concen: 57.614 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628MS

Tot Ion: 75 Resp: 183714

Ion Ratio Lower Upper

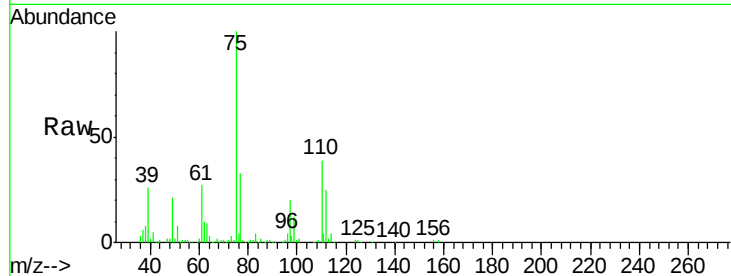
75 100

77 39.0 20.9 62.7

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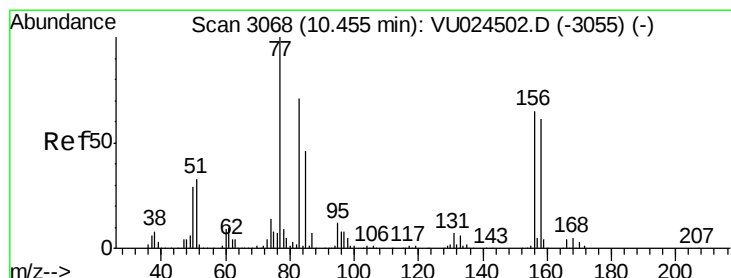
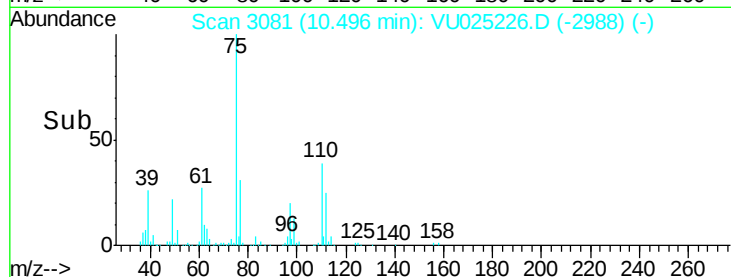
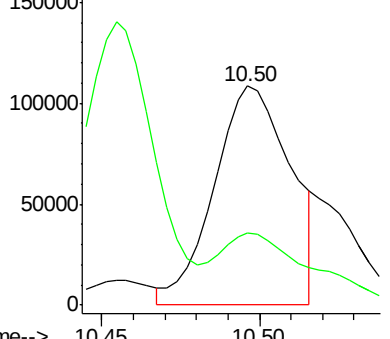
sam

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Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#77

Bromobenzene

Concen: 54.031 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

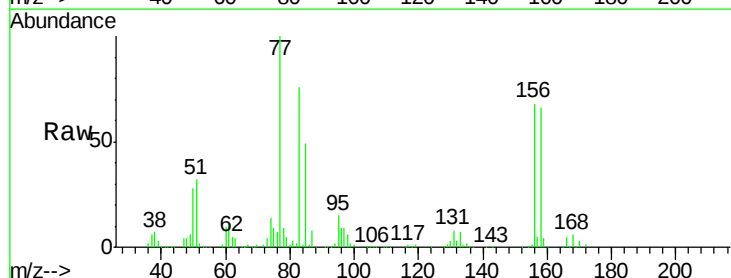
Tgt Ion: 156 Resp: 152103

Ion Ratio Lower Upper

156 100

77 147.8 80.5 241.3

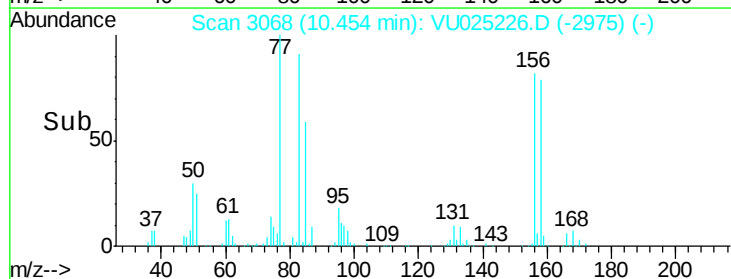
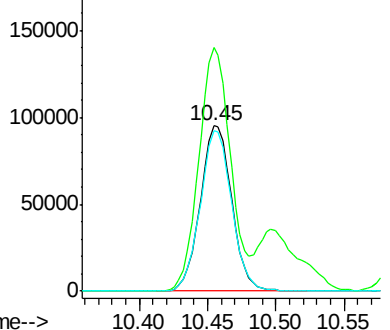
158 97.2 48.2 144.6

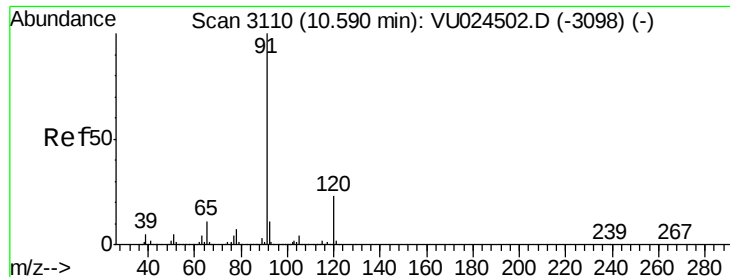


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 51.605 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628MS

Tot Ion: 91 Resp: 675969

Ion Ratio Lower Upper

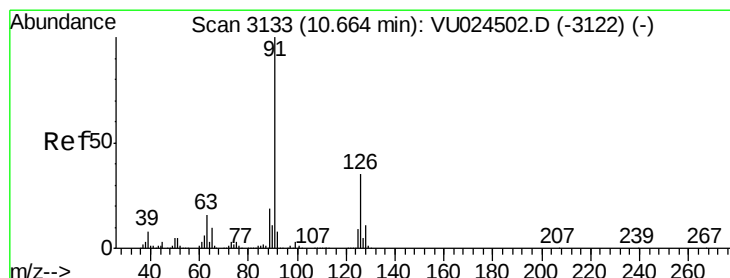
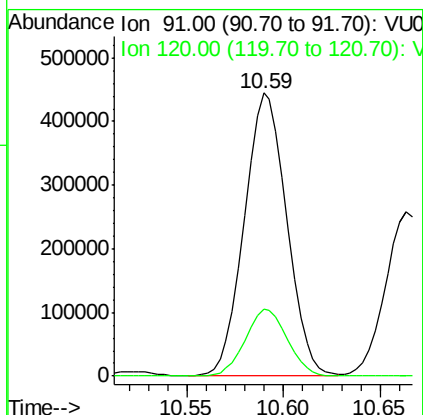
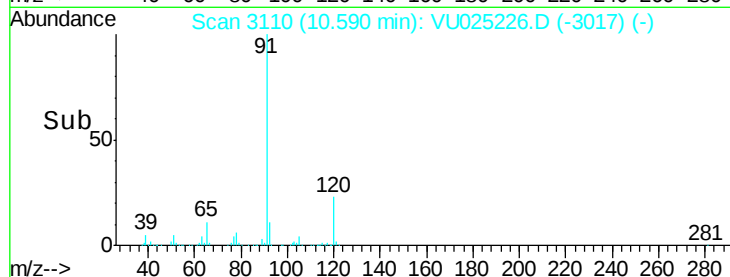
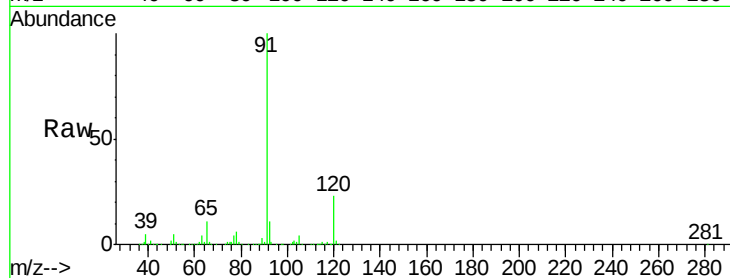
91 100

120 23.5 11.2 33.5

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#79

2-Chlorotoluene

Concen: 51.637 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU025226.D

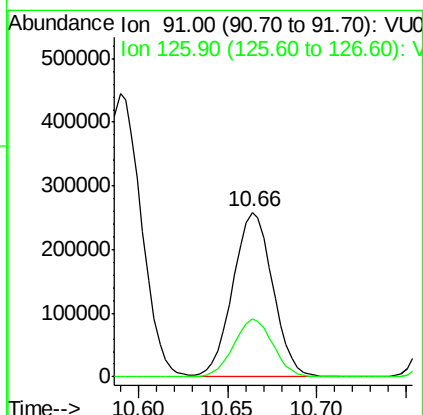
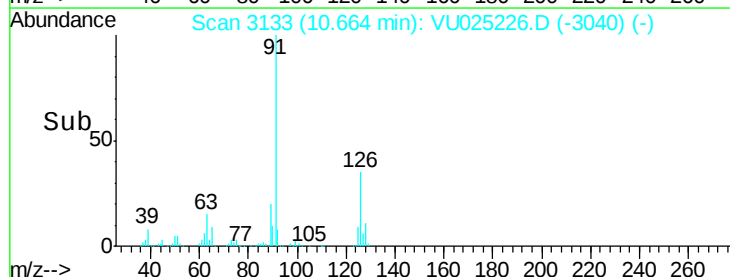
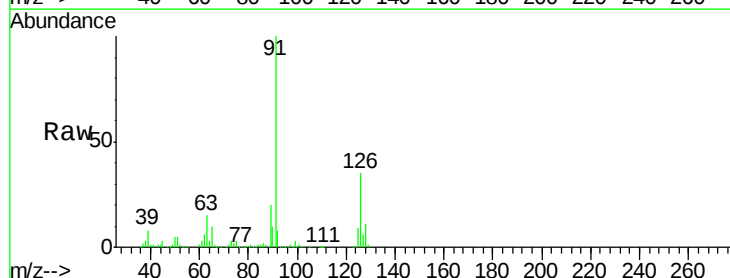
Acq: 05 Jul 2018 19:29

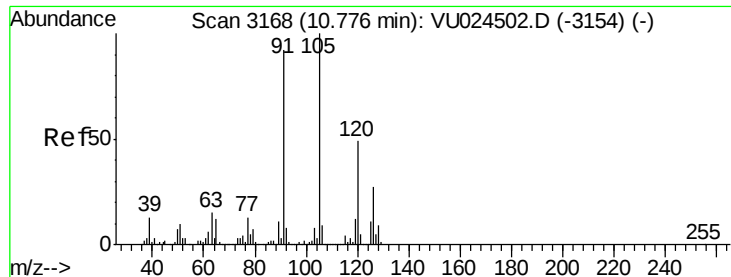
Tgt Ion: 91 Resp: 398882

Ion Ratio Lower Upper

91 100

126 34.9 16.9 50.7





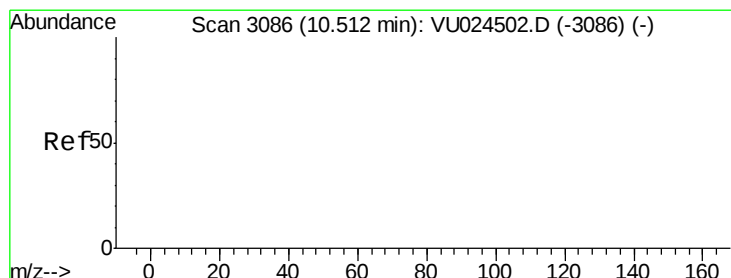
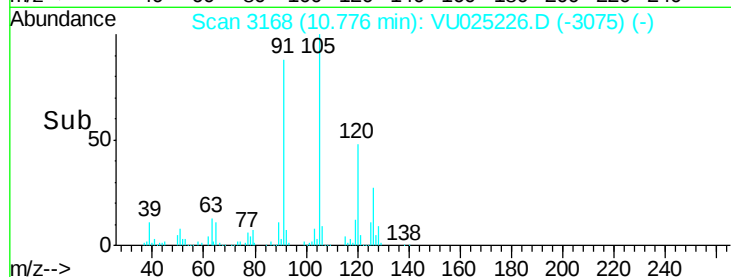
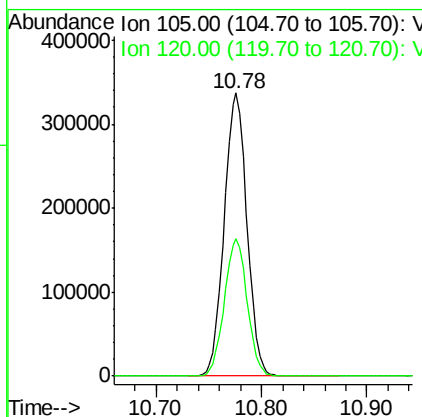
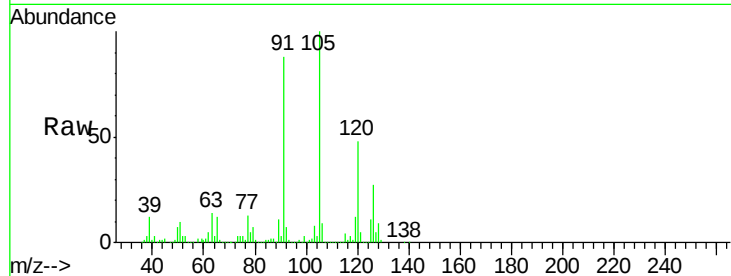
#80
 1,3,5-Trimethylbenzene
 Concen: 52.023 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.1	72.2

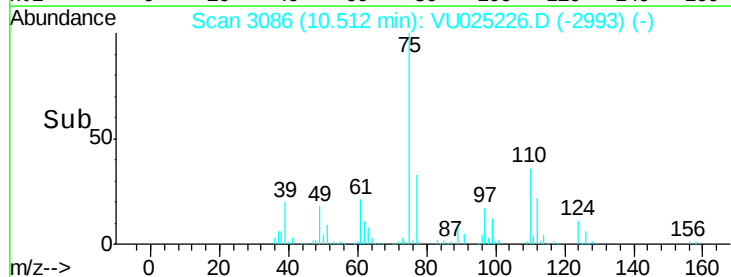
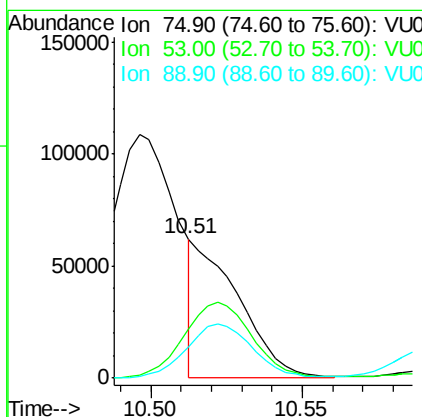
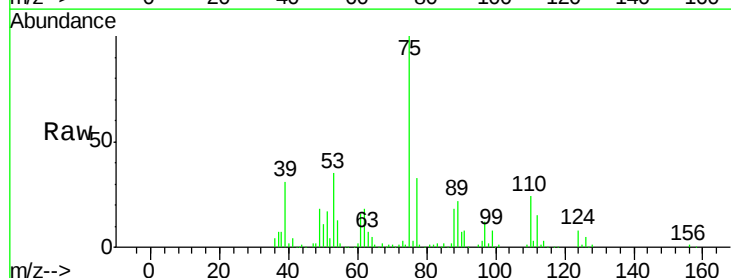
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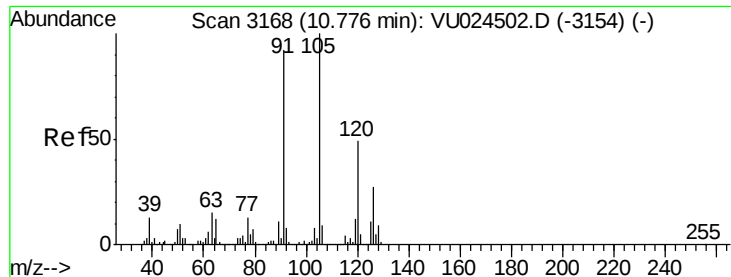
sam
 7/6/2018 4:21:57 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.144 ug/l m
 RT: 10.51 min Scan# 3086
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

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





#82

4-Chlorotoluene

Concen: 50.696 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628MS

Tot Ion: 91 Resp: 455800

Ion Ratio Lower Upper

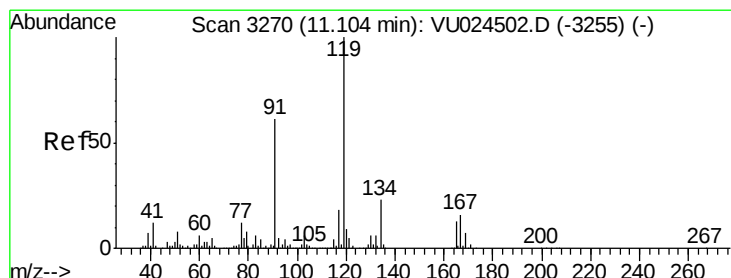
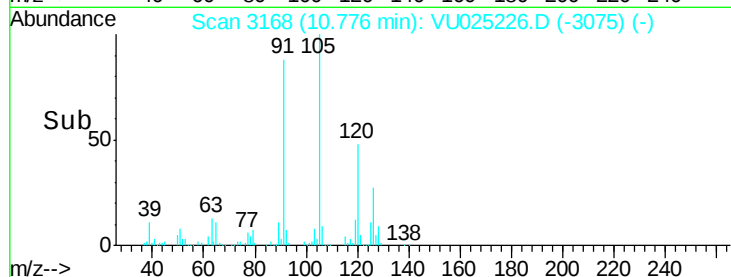
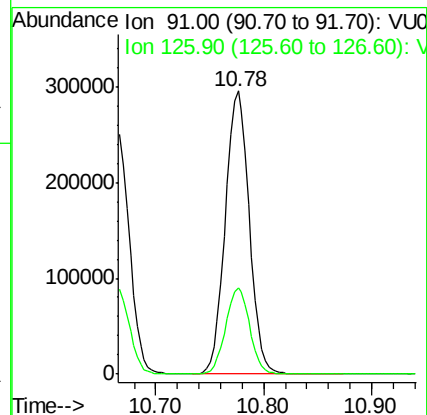
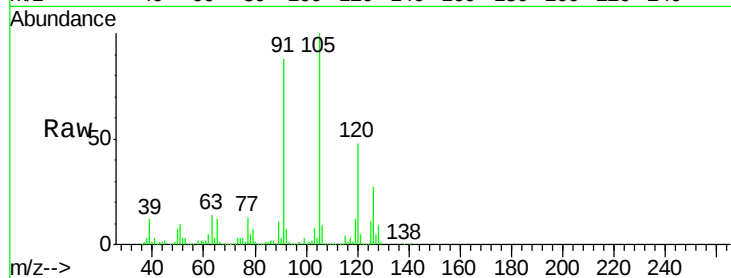
91 100

126 30.5 14.9 44.9

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#83

tert-Butylbenzene

Concen: 60.305 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

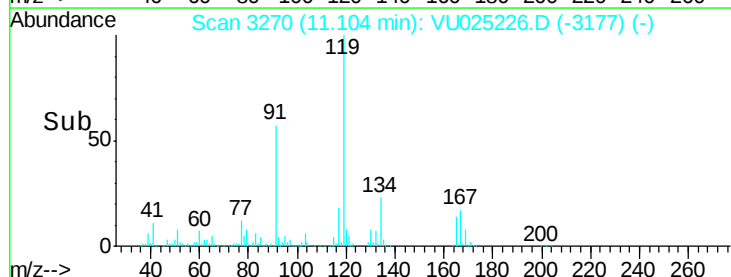
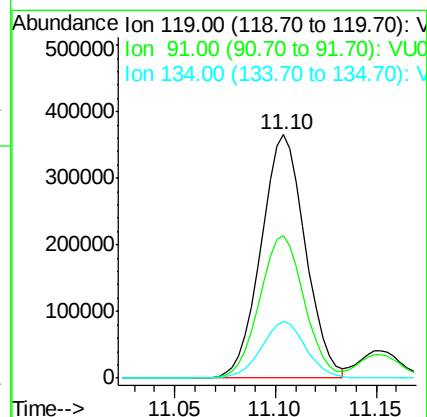
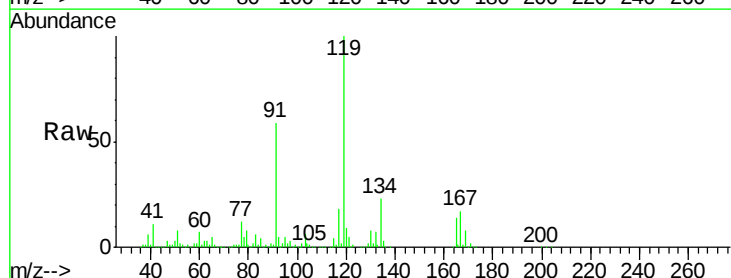
Tgt Ion: 119 Resp: 559092

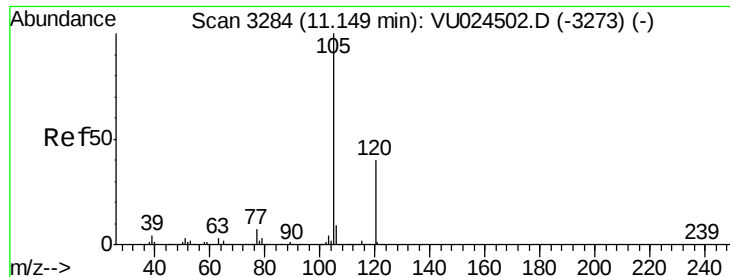
Ion Ratio Lower Upper

119 100

91 59.1 29.7 89.1

134 23.2 11.6 34.7





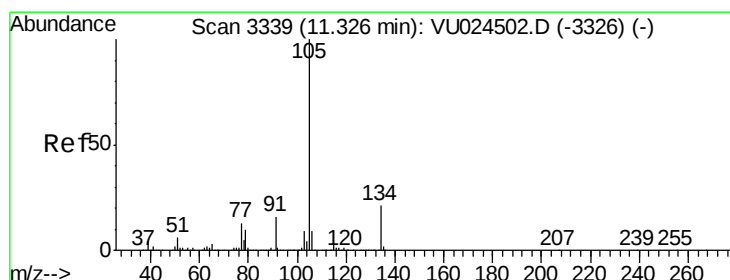
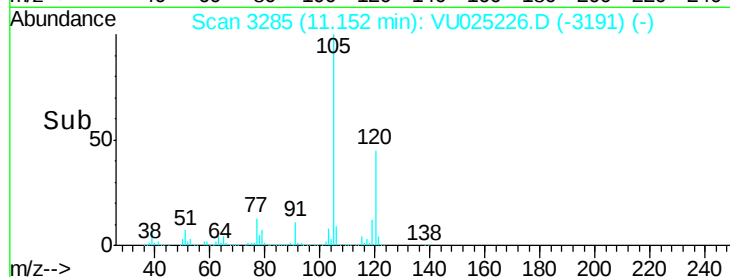
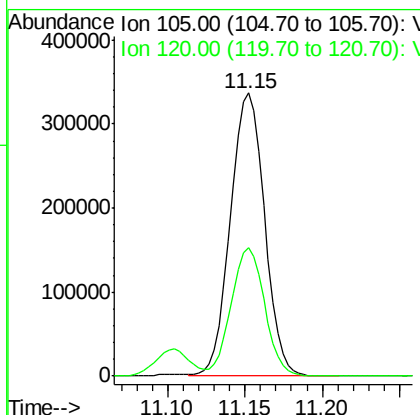
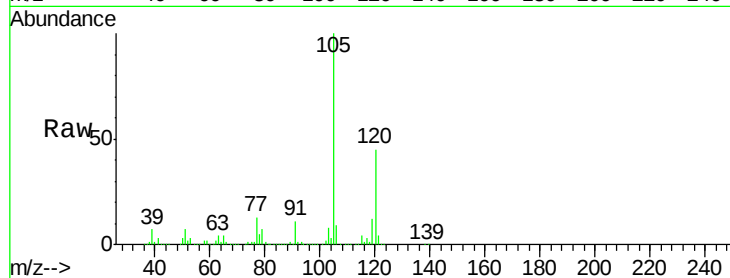
#84
 1,2,4-Trimethylbenzene
 Concen: 52.375 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.6	67.8

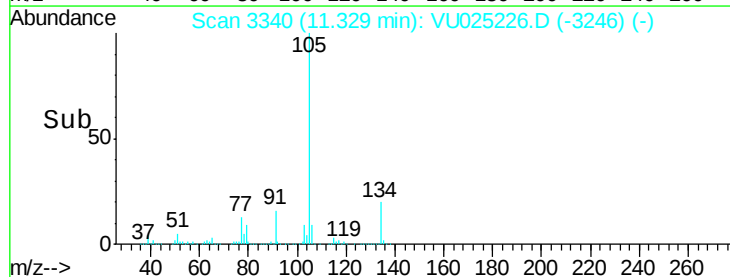
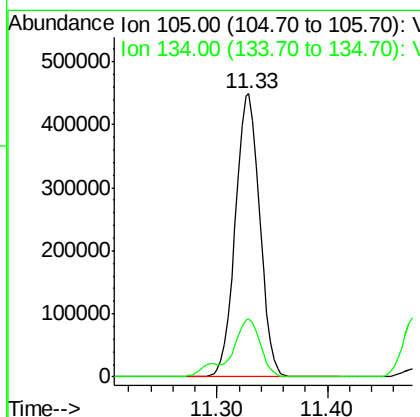
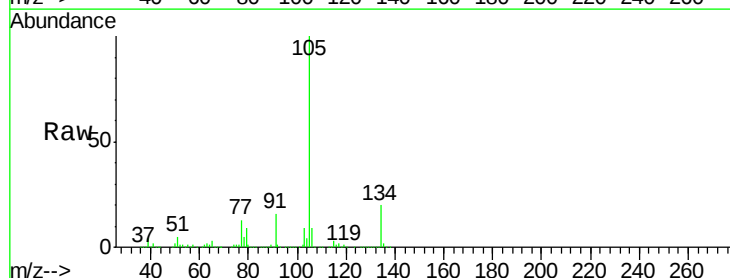
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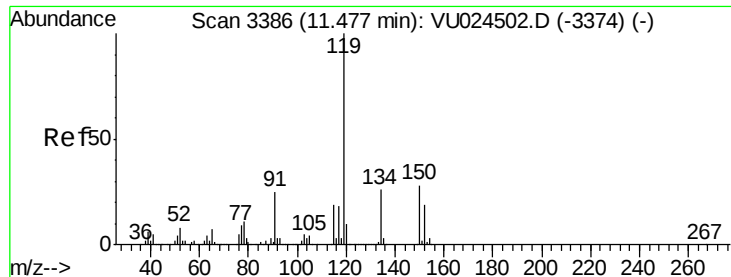
sam
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#85
 sec-Butylbenzene
 Concen: 59.226 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.1	9.7	29.1





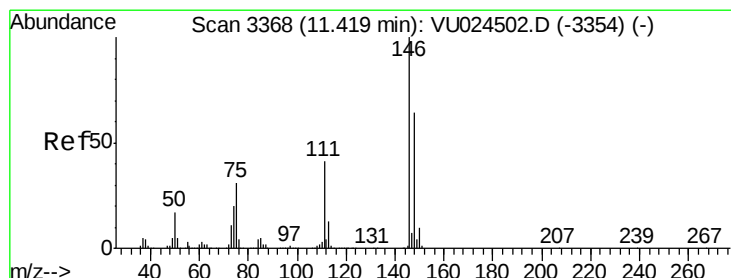
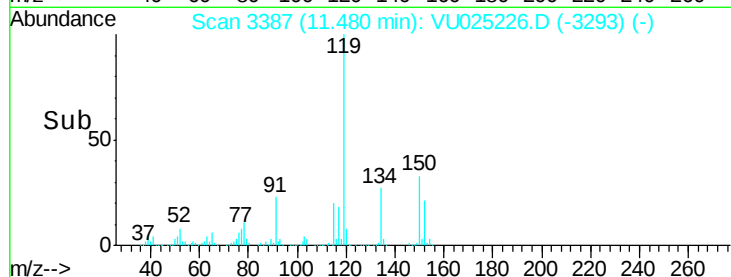
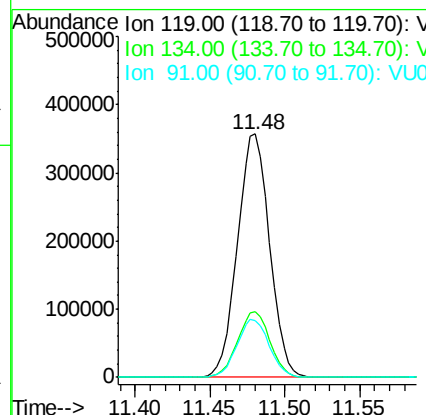
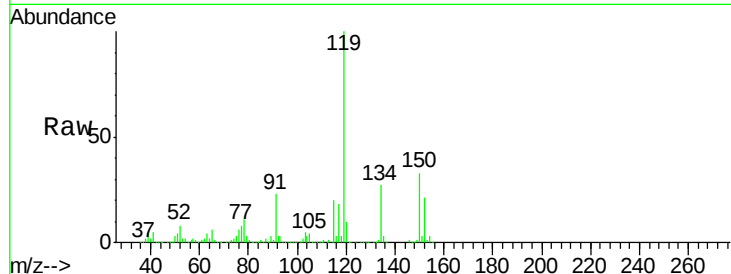
#86
 p-Isopropyltoluene
 Concen: 51.357 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	533780		
134	27.0		12.9	38.6
91	23.8		12.0	36.1

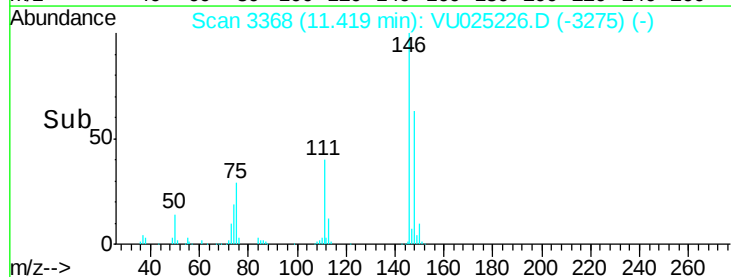
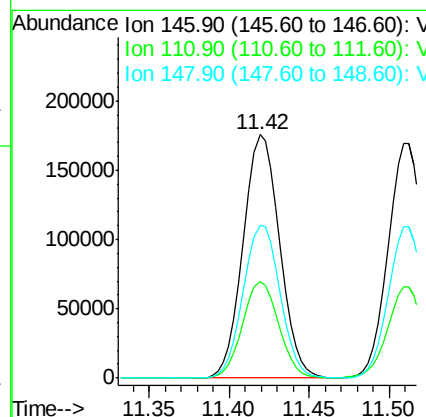
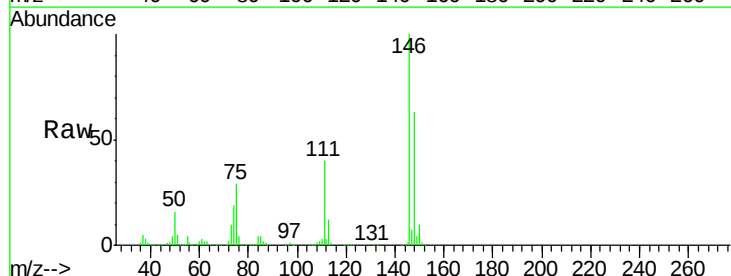
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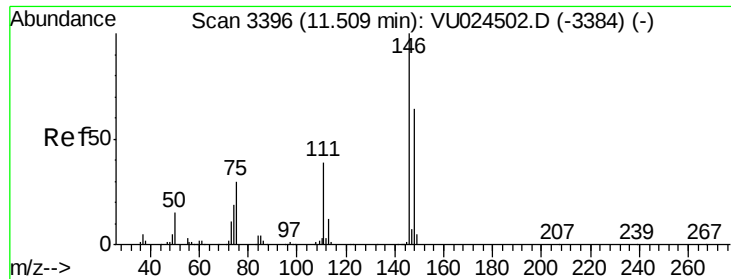
sam
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#87
 1,3-Dichlorobenzene
 Concen: 52.514 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	273120		
111	39.4		20.0	60.0
148	63.6		32.1	96.5





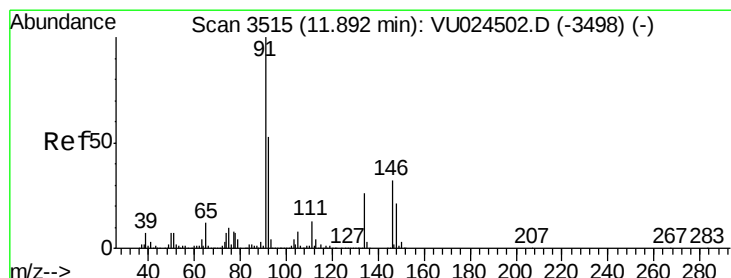
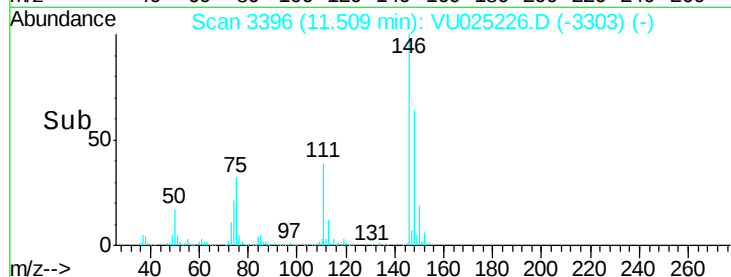
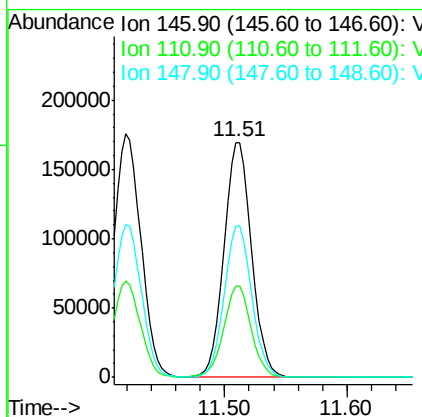
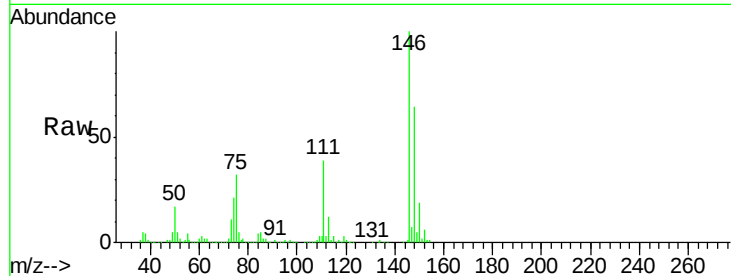
#88
 1,4-Dichlorobenzene
 Concen: 51.344 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.5	58.5
148	64.5	32.4	97.0

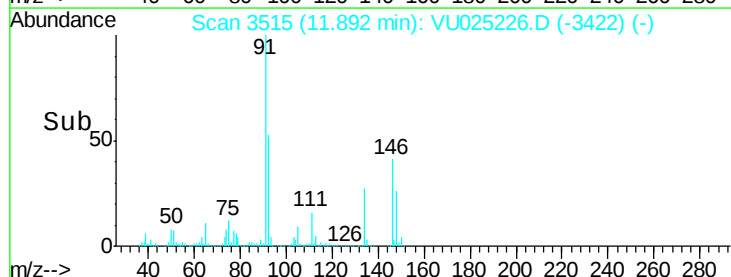
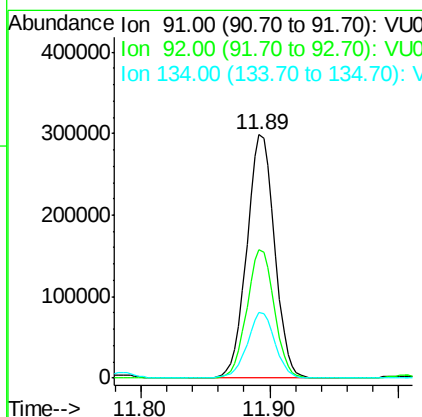
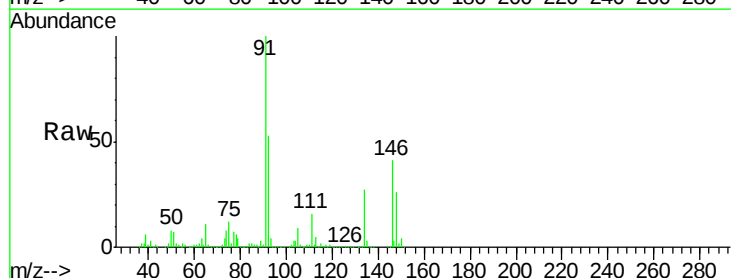
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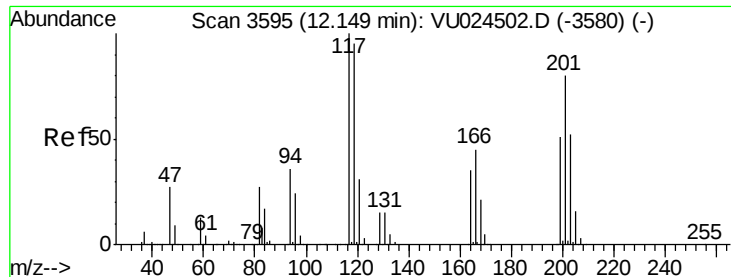
sam
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#89
 n-Butylbenzene
 Concen: 48.569 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. -0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	25.6	76.8
134	27.1	12.3	36.8





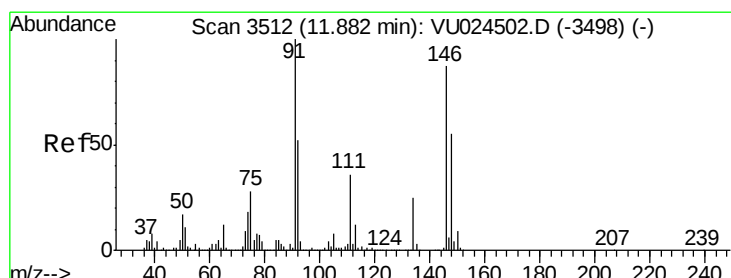
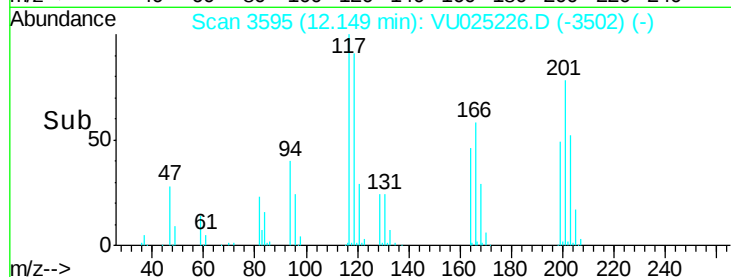
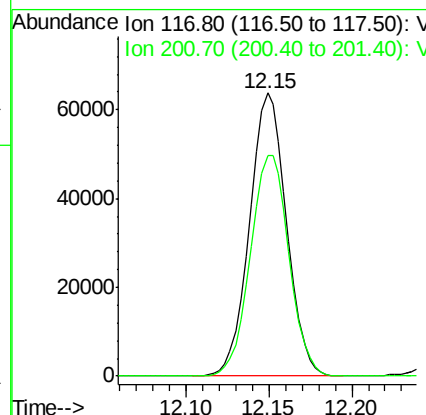
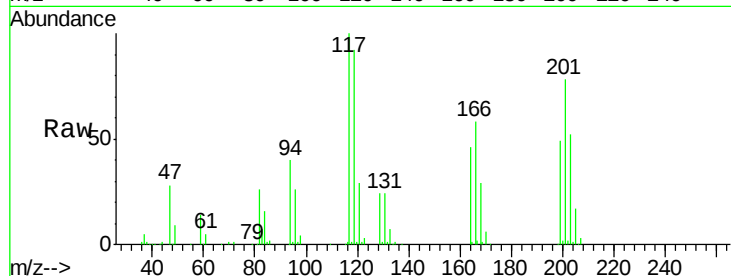
#90
Hexachloroethane
Concen: 48.611 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628MS

Tot Ion:117 Resp: 98559
Ion Ratio Lower Upper
117 100
201 81.9 41.1 123.3

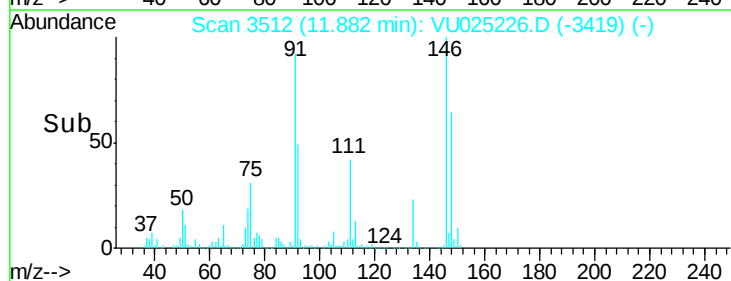
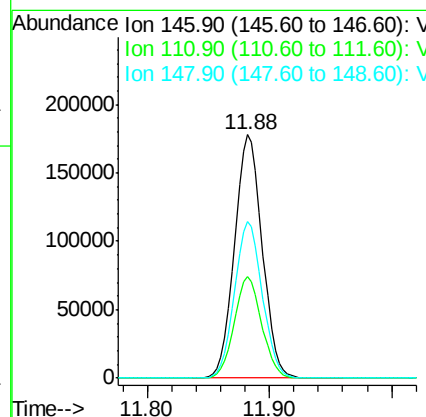
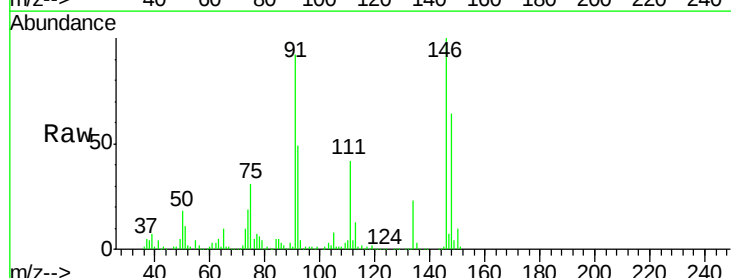
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#91
1,2-Dichlorobenzene
Concen: 53.953 ug/l
RT: 11.88 min Scan# 3512
Delta R.T. -0.00 min
Lab File: VU025226.D
Acq: 05 Jul 2018 19:29

Tgt Ion:146 Resp: 281061
Ion Ratio Lower Upper
146 100
111 41.3 20.5 61.6
148 64.5 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.923 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

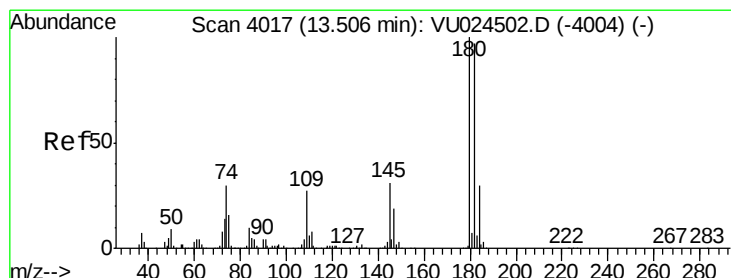
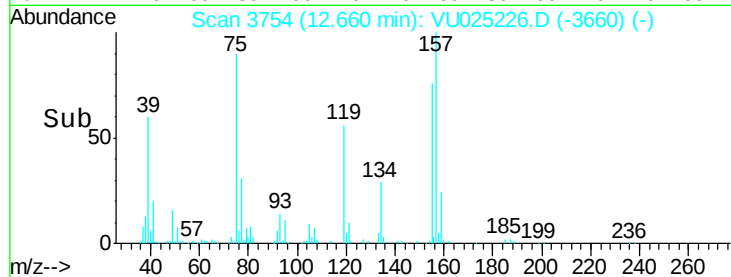
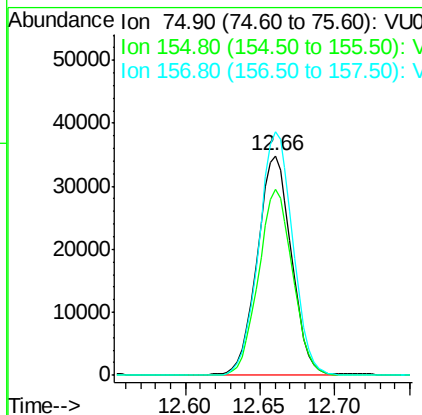
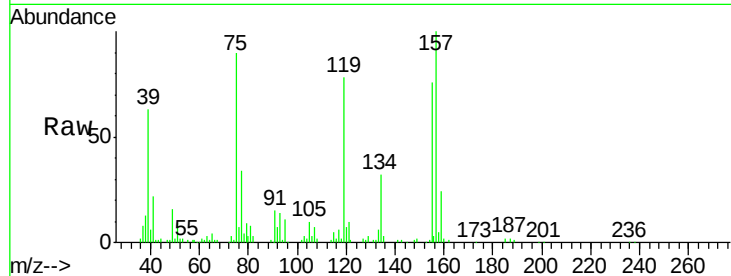
ClientSampleId :

WP021MW472-180628MS

Tot Ion:	75	Resp:	55443
Ion Ratio	Lower	Upper	
75	100		
155	84.4	40.4	121.2
157	110.1	52.3	156.8

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#93

1,2,4-Trichlorobenzene

Concen: 54.557 ug/l

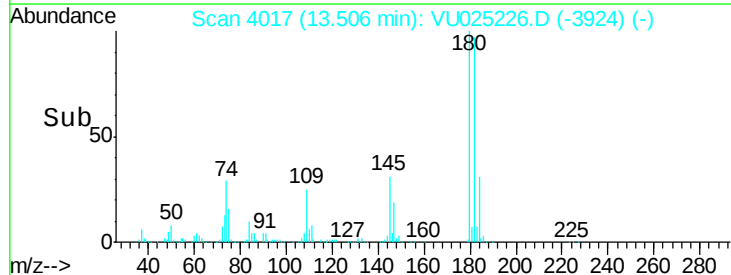
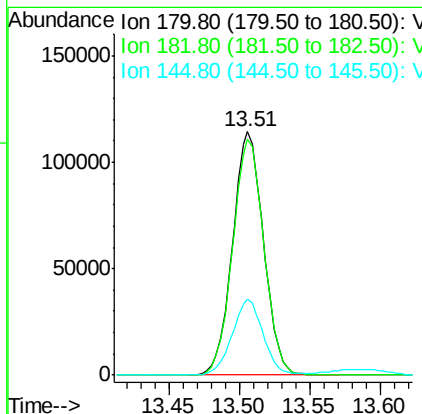
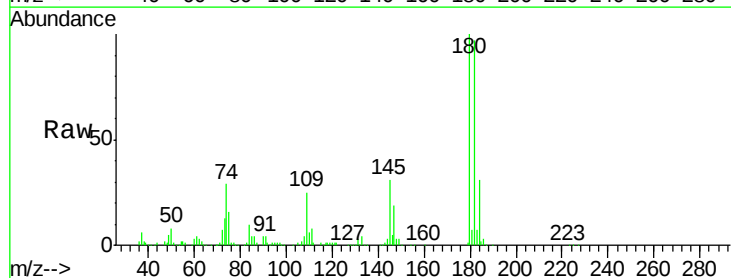
RT: 13.51 min Scan# 4017

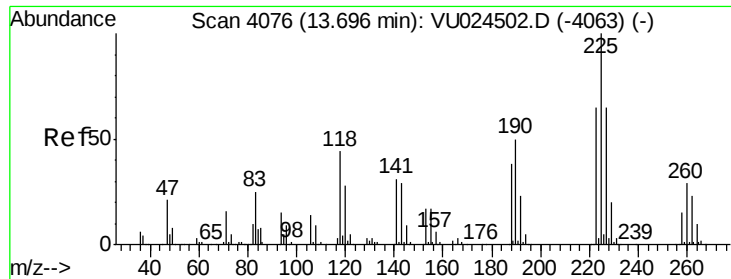
Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Tgt Ion:	180	Resp:	175505
Ion Ratio	Lower	Upper	
180	100		
182	97.7	48.0	144.2
145	31.0	14.7	44.1





#94

Hexachlorobutadiene

Concen: 51.773 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. -0.00 min

Lab File: VU025226.D

Acq: 05 Jul 2018 19:29

Instrument :

MSVOA_U

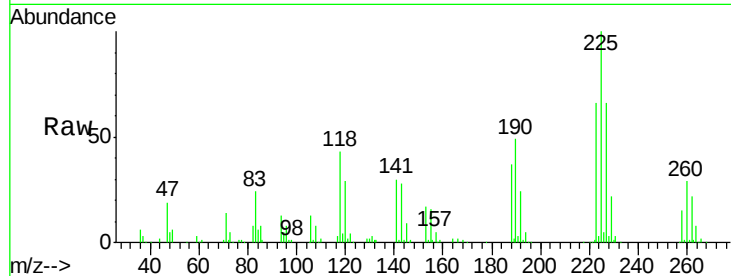
ClientSampleId :

WP021MW472-180628MS

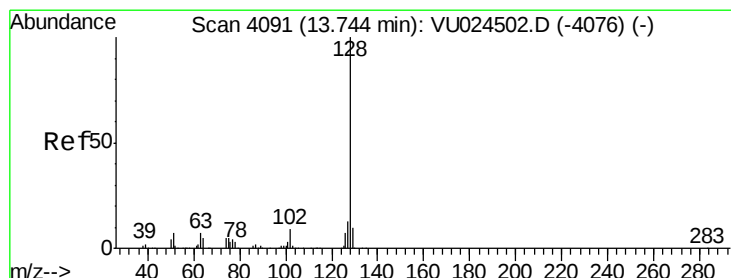
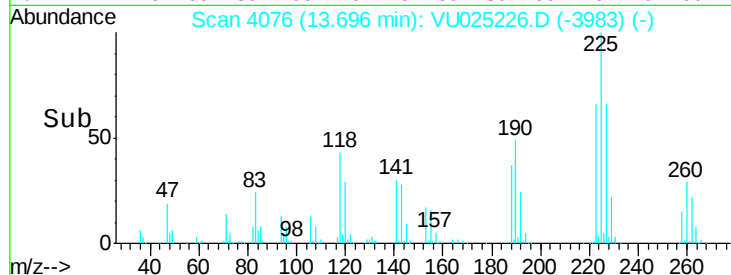
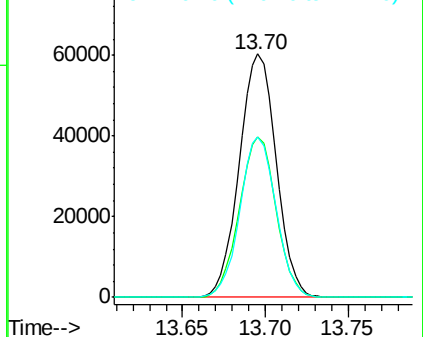
Tot Ion:	225	Resp:	93744
Ion Ratio	Lower	Upper	
225	100		
223	65.1	31.3	93.8
227	64.1	31.8	95.4

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



#95

Naphthalene

Concen: 57.359 ug/l

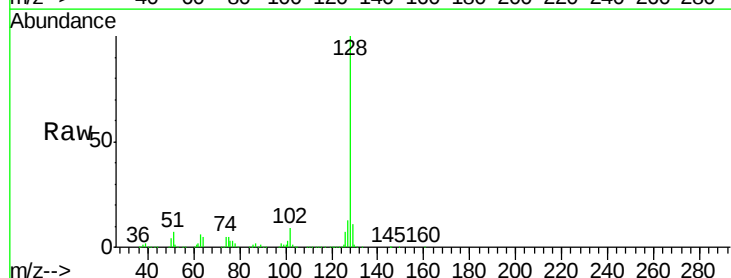
RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

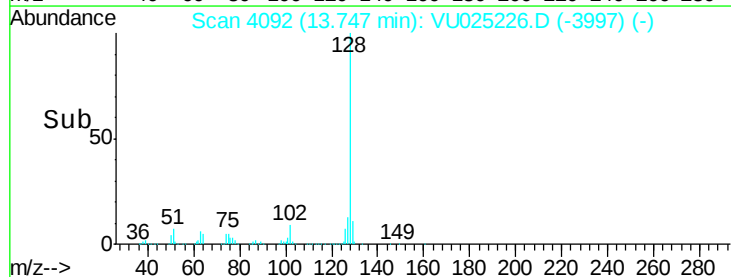
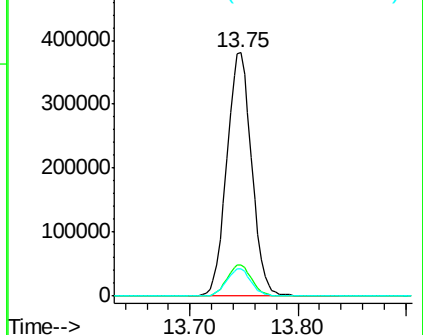
Lab File: VU025226.D

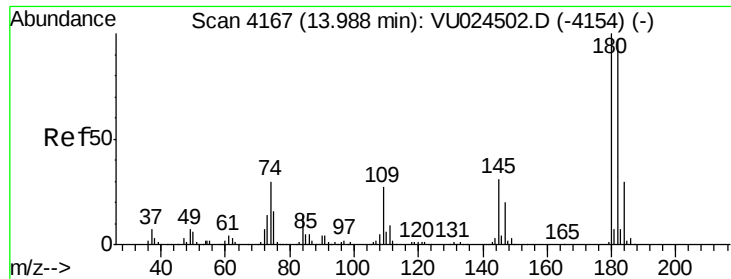
Acq: 05 Jul 2018 19:29

Tgt Ion:	128	Resp:	611932
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	11.2	8.6	12.8



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





#96
 1,2,3-Trichlorobenzene
 Concen: 58.580 ug/l
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU025226.D
 Acq: 05 Jul 2018 19:29

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.7
145	33.2	15.4	46.1

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