

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024772.D
 Acq On : 20 Jun 2018 21:10
 Operator : MD/SY
 Sample : J3529-10MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

Manual Integrations
 APPROVED

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 6/21/2018 1:44:48 PM

Quant Time: Jun 21 08:21:01 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	172231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	266984	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	255679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	153491	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	130429	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
35) Dibromofluoromethane	4.89	113	106458	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	7.57	98	374776	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
62) 4-Bromofluorobenzene	10.31	95	147353	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	91748	42.56	ug/l	99
3) Chloromethane	1.33	50	103869	47.16	ug/l	99
4) Vinyl Chloride	1.40	62	109853	48.36	ug/l	99
5) Bromomethane	1.62	94	57319	52.20	ug/l	100
6) Chloroethane	1.69	64	68732	54.24	ug/l	99
7) Trichlorofluoromethane	1.89	101	157702	45.50	ug/l	100
8) Diethyl Ether	2.10	74	65668	55.89	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	90746	42.20	ug/l	96
10) Methyl Iodide	2.41	142	97665	53.28	ug/l	98
11) Tert butyl alcohol	2.82	59	190733	278.92	ug/l	99
12) 1,1-Dichloroethene	2.28	96	91316	46.56	ug/l	92
13) Acrolein	2.19	56	68335	190.30	ug/l	98
14) Allyl chloride	2.59	41	149963	41.18	ug/l	94
15) Acrylonitrile	2.93	53	337897	253.97	ug/l	99
16) Acetone	2.32	43	472252	312.60	ug/l	99
17) Carbon Disulfide	2.48	76	276620	44.05	ug/l	98
18) Methyl Acetate	2.61	43	178441	55.10	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	384501	52.16	ug/l	98
20) Methylene Chloride	2.70	84	107746	45.45	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	95718	44.31	ug/l	95
22) Diisopropyl ether	3.57	45	349394	48.40	ug/l	95
23) Vinyl Acetate	3.53	43	1595892	246.81	ug/l	100
24) 1,1-Dichloroethane	3.45	63	196149	47.24	ug/l	98
25) 2-Butanone	4.26	43	558254	275.10	ug/l	98
26) 2,2-Dichloropropane	4.23	77	161445	40.95	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	119874	48.27	ug/l	96
28) Bromochloromethane	4.55	49	88183	48.21	ug/l	88
29) Tetrahydrofuran	4.63	42	354064	281.75	ug/l	96
30) Chloroform	4.68	83	204878	48.75	ug/l	97
31) Cyclohexane	5.00	56	166550	44.97	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	180656	46.48	ug/l	97
36) 1,1-Dichloropropene	5.14	75	140156	44.67	ug/l	97
37) Ethyl Acetate	4.38	43	192702	56.36	ug/l	97
38) Carbon Tetrachloride	5.14	117	164781	47.76	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	159532	40.75	ug/l	95
40) Benzene	5.39	78	535900	59.95	ug/l	100
41) Methacrylonitrile	4.54	41	102757	55.74	ug/l	97
42) 1,2-Dichloroethane	5.41	62	172580	50.69	ug/l	100
43) Isopropyl Acetate	5.55	43	303080	51.28	ug/l	98
44) Trichloroethene	6.19	130	116349	45.73	ug/l	96
45) 1,2-Dichloropropane	6.44	63	119545	50.12	ug/l	99
46) Dibromomethane	6.56	93	84631	50.51	ug/l	96
47) Bromodichloromethane	6.76	83	162289	48.64	ug/l	99
48) Methyl methacrylate	6.62	41	145384	50.51	ug/l	99
49) 1,4-Dioxane	6.61	88	74728	1327.67	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	1060765	285.66	ug/l	99
52) Toluene	7.64	92	284817	49.52	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	178338	47.60	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	185997	46.59	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	118902	50.86	ug/l	97
56) Ethyl methacrylate	8.02	69	193486	49.45	ug/l	99
57) 1,3-Dichloropropane	8.25	76	200497	50.84	ug/l	99
59) 2-Hexanone	8.36	43	847957	279.71	ug/l	99
60) Dibromochloromethane	8.48	129	139157	47.73	ug/l	100
61) 1,2-Dibromoethane	8.59	107	131859	50.67	ug/l	98
64) Tetrachloroethene	8.23	164	100322	41.28	ug/l	98
65) Chlorobenzene	9.12	112	314458	48.14	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	121755	49.06	ug/l	98
67) Ethyl Benzene	9.25	91	543973	47.51	ug/l	98
68) m/p-Xylenes	9.38	106	426133	96.91	ug/l	96
69) o-Xylene	9.78	106	213164	48.99	ug/l	96
70) Styrene	9.80	104	330254	46.18	ug/l	100
71) Bromoform	9.96	173	112304	47.61	ug/l #	100
73) Isopropylbenzene	10.17	105	559448	47.47	ug/l	99
74) N-amyl acetate	10.01	43	292683	52.22	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	209132	52.96	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	186045m	55.05	ug/l	
77) Bromobenzene	10.46	156	143871	48.22	ug/l	96
78) n-propylbenzene	10.59	91	633558	45.64	ug/l	97
79) 2-Chlorotoluene	10.66	91	380855	46.52	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	481496	47.14	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	63889m	43.76	ug/l	
82) 4-Chlorotoluene	10.78	91	442576	46.45	ug/l	98
83) tert-Butylbenzene	11.10	119	482490	49.11	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	503095	48.33	ug/l	99
85) sec-Butylbenzene	11.33	105	576880	46.91	ug/l	98
86) p-Isopropyltoluene	11.48	119	516181	46.86	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	264026	47.90	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	265805	47.91	ug/l	100
89) n-Butylbenzene	11.89	91	438465	44.84	ug/l	97
90) Hexachloroethane	12.15	117	90937	42.32	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	269915	48.89	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	61257	56.22	ug/l	92
93) 1,2,4-Trichlorobenzene	13.51	180	184476	54.11	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	91090	47.47	ug/l	99
95) Naphthalene	13.74	128	711206	62.84	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	193597	56.99	ug/l	99

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

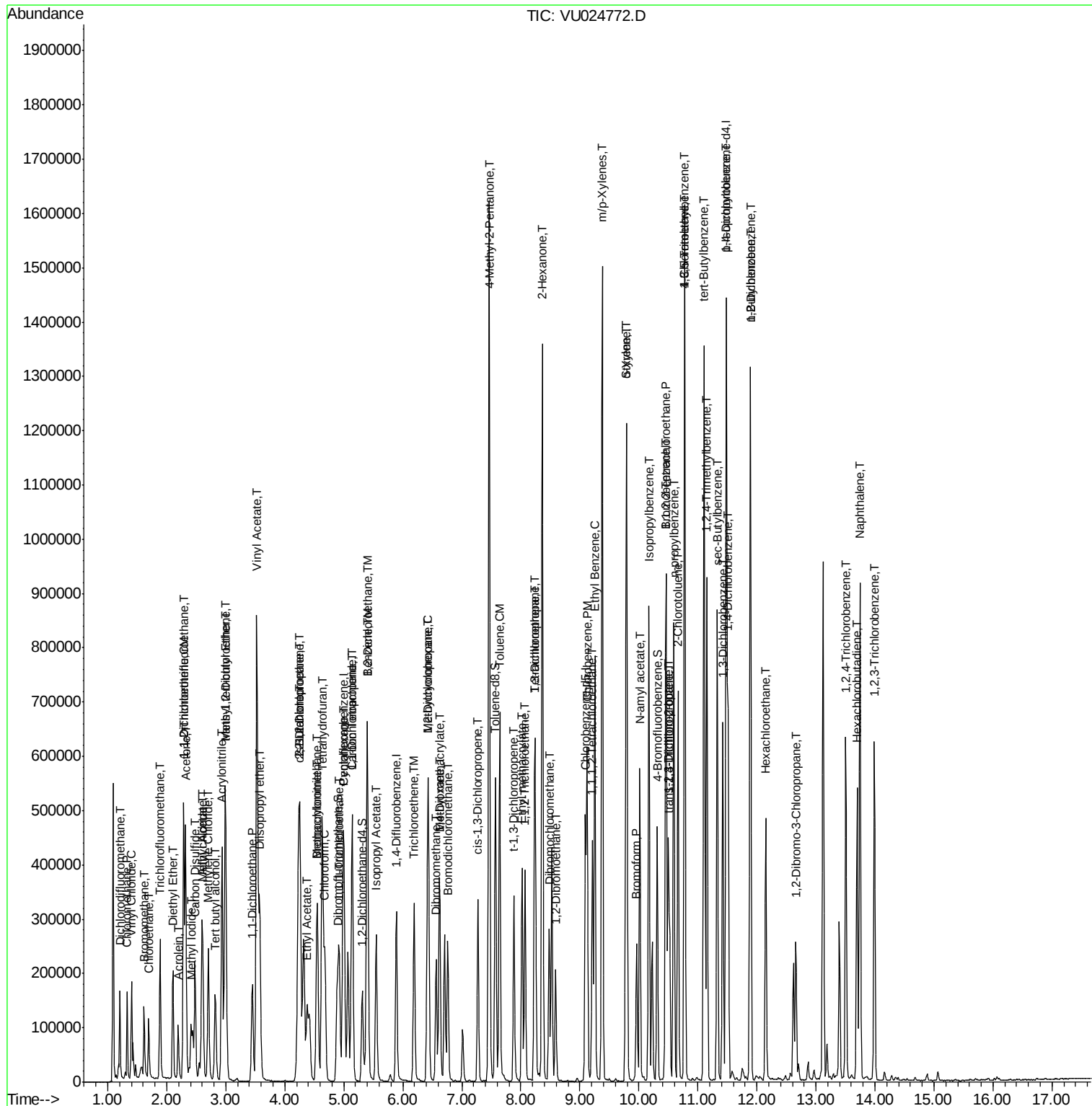
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Data File : VU024772.D
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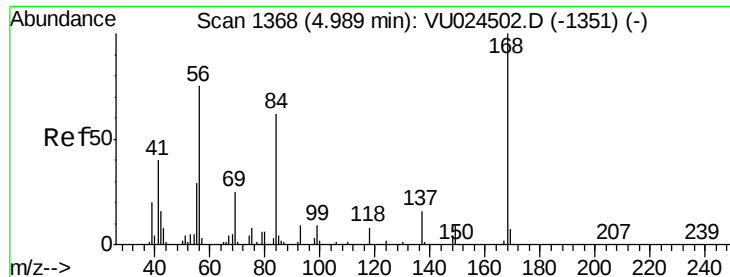
Instrument :
MSVOA_U
ClientSampleID :
TPTW-04MSD

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

Tot Ion:168 Resp: 172231

Ion Ratio Lower Upper

168 100

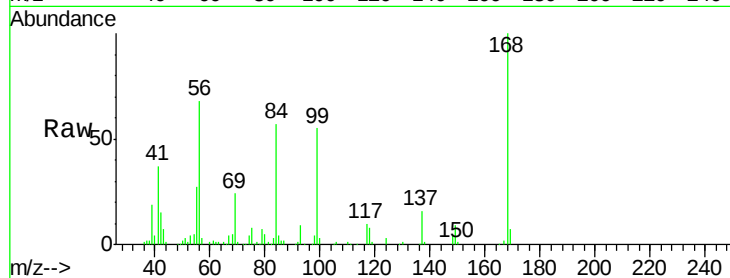
99 54.2 43.2 64.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

80000

60000

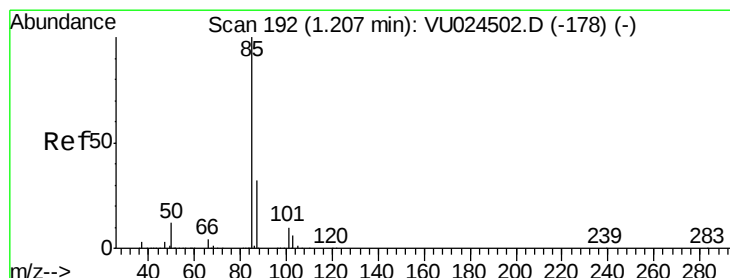
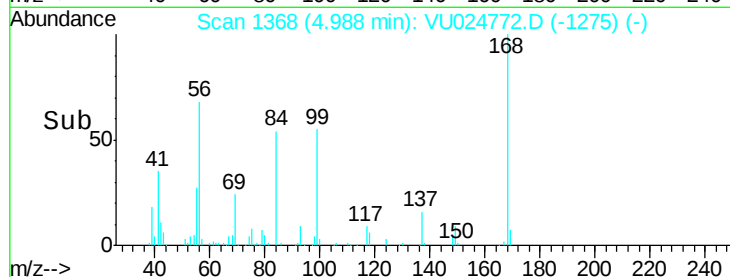
40000

20000

0

4.90 4.99 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 42.56 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024772.D

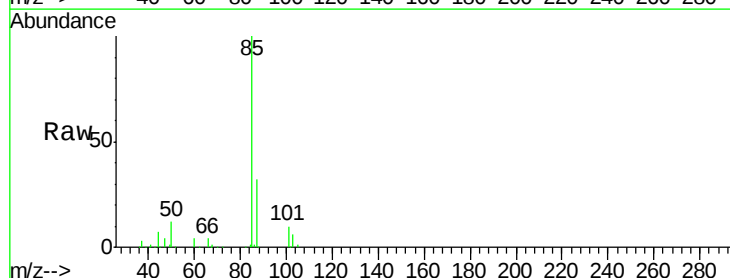
Acq: 20 Jun 2018 21:10

Tgt Ion: 85 Resp: 91748

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0

100000

80000

60000

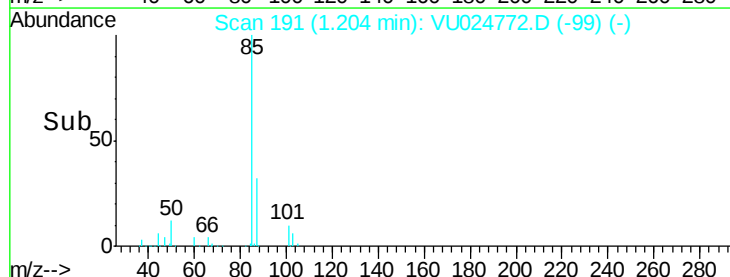
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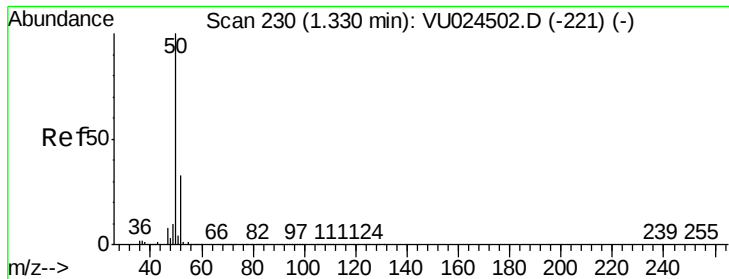
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 47.16 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

Tot Ion: 50 Resp: 103869

Ion Ratio Lower Upper

50 100

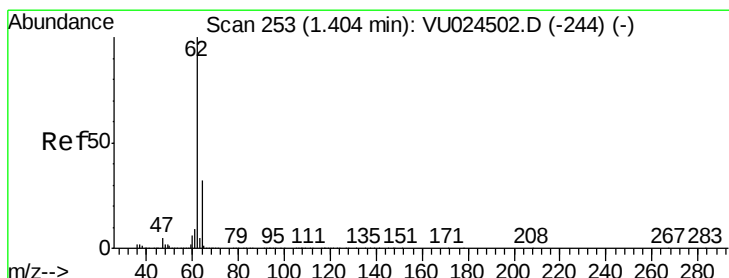
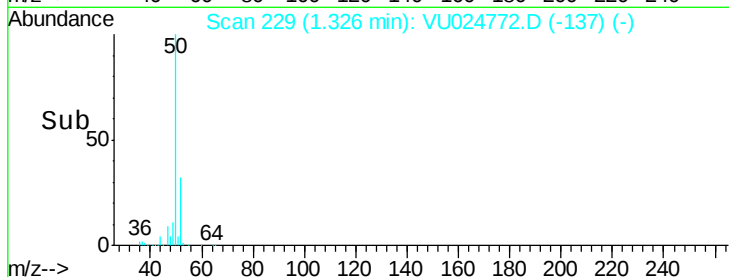
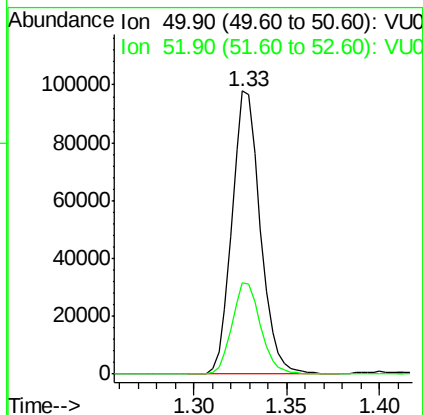
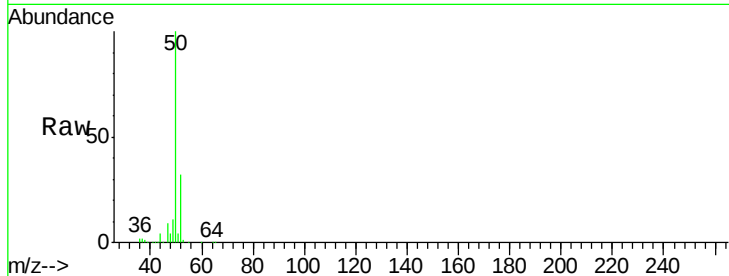
52 32.2 26.4 39.6

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#4

Vinyl Chloride

Concen: 48.36 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024772.D

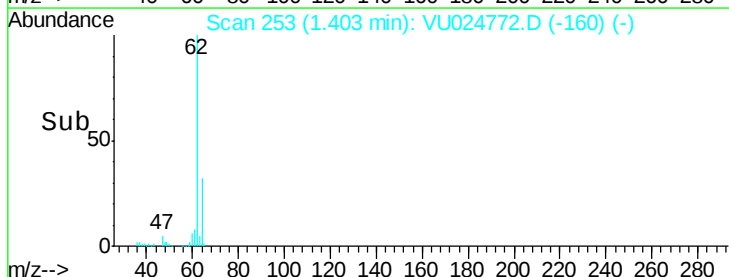
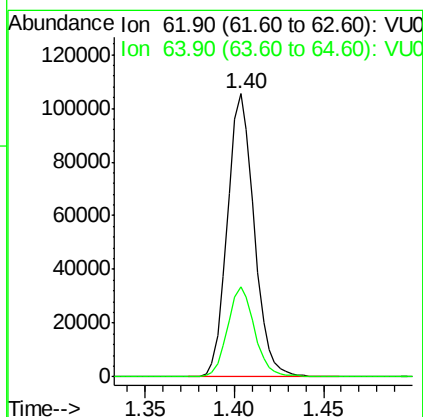
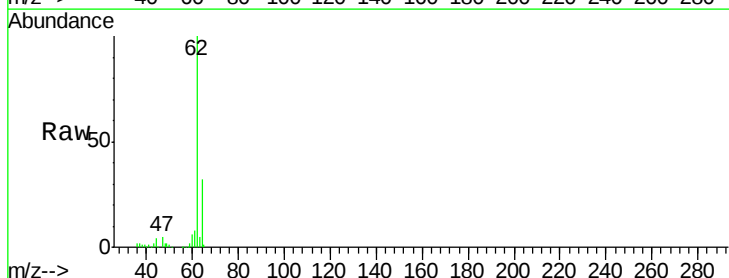
Acq: 20 Jun 2018 21:10

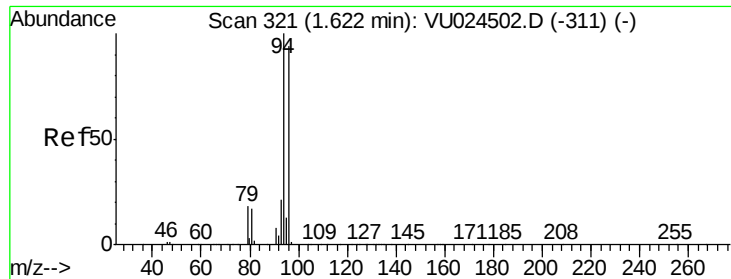
Tgt Ion: 62 Resp: 109853

Ion Ratio Lower Upper

62 100

64 31.4 24.8 37.2





#5

Bromomethane

Concen: 52.20 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 57319

Ion Ratio Lower Upper

94 100

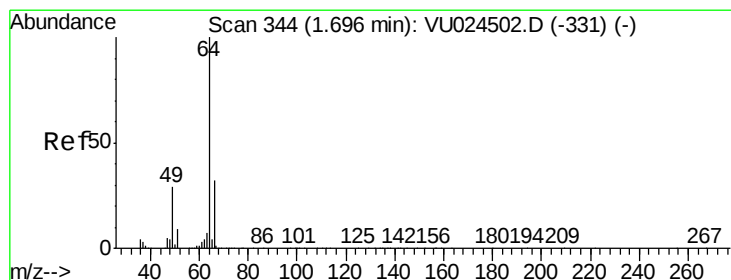
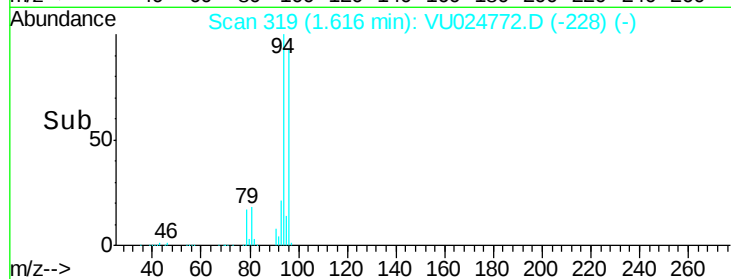
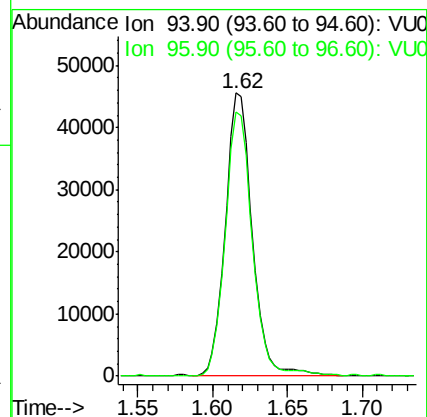
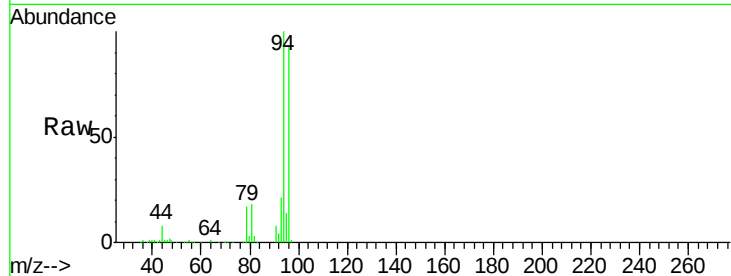
96 93.0 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 54.24 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU024772.D

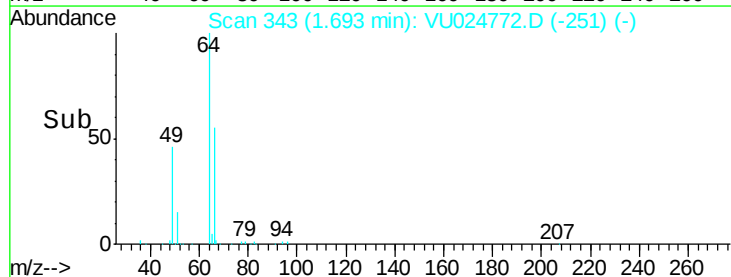
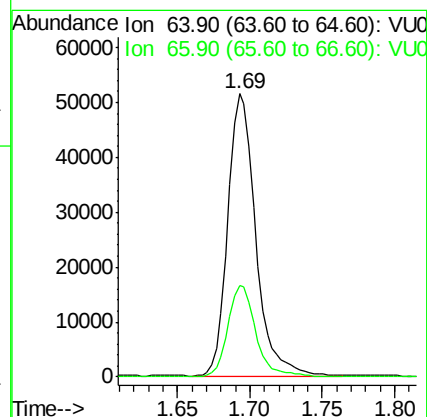
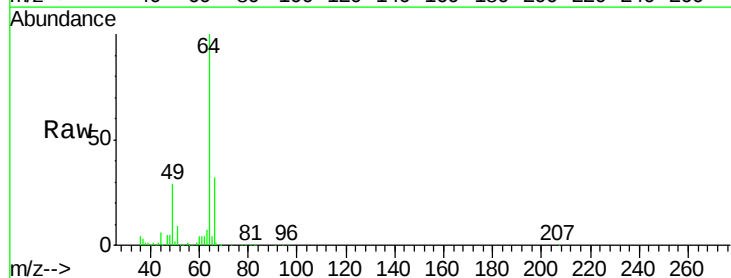
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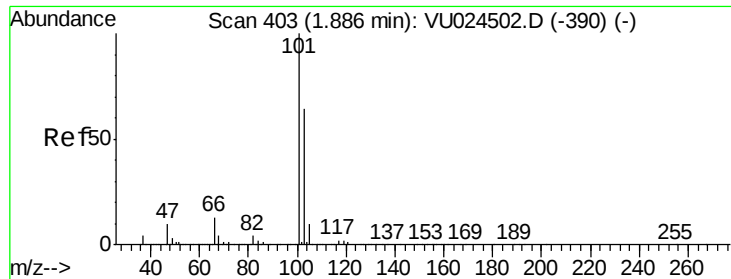
Tgt Ion: 64 Resp: 68732

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3





#7

Trichlorofluoromethane

Concen: 45.50 ug/l

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

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Tot Ion:101 Resp: 157702

Ion Ratio Lower Upper

101 100

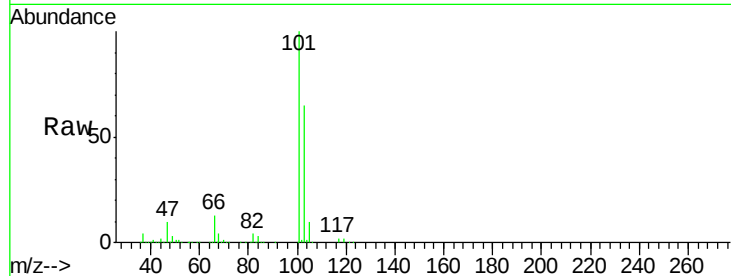
103 65.4 52.3 78.5

Manual Integrations

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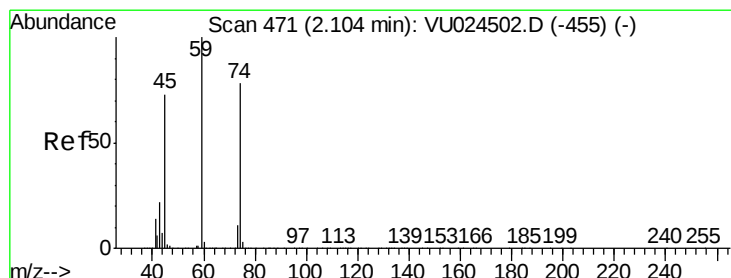
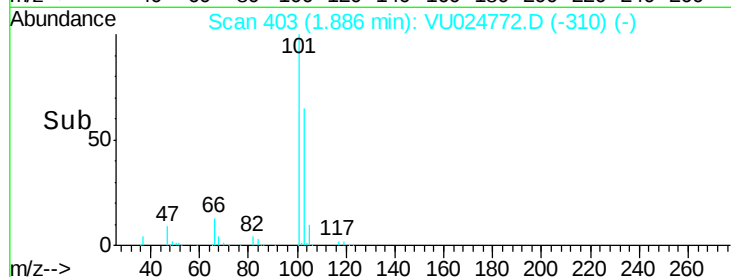
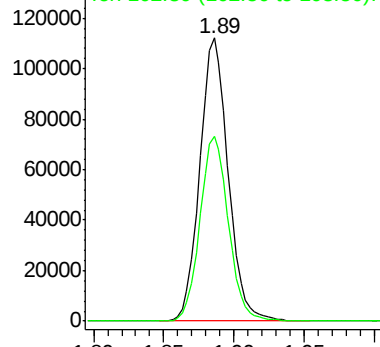
apatel

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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 55.89 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU024772.D

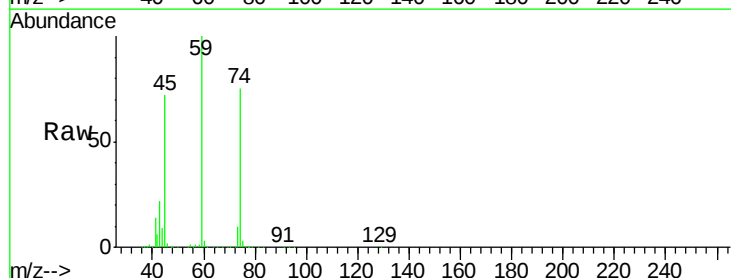
Acq: 20 Jun 2018 21:10

Tgt Ion: 74 Resp: 65668

Ion Ratio Lower Upper

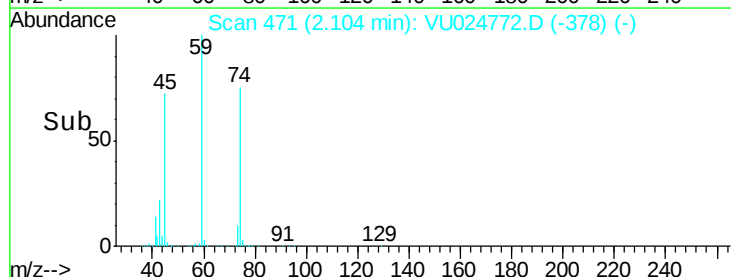
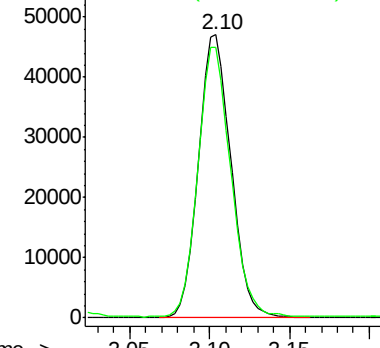
74 100

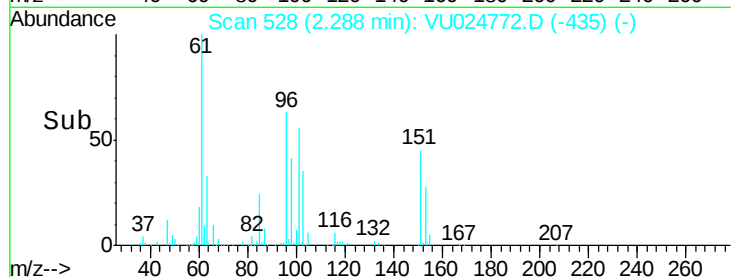
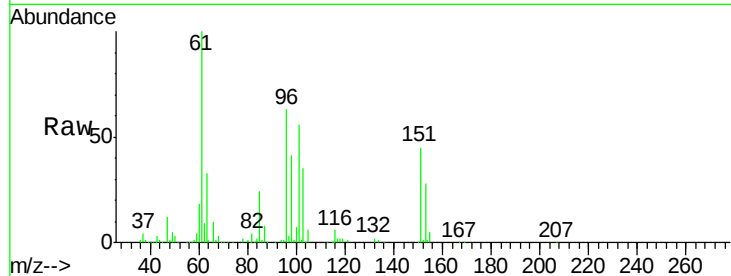
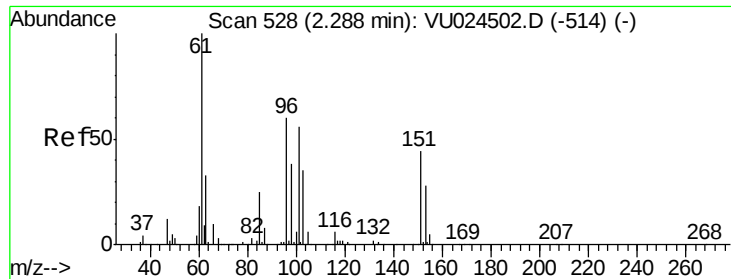
45 96.3 55.0 165.0



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.20 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU024772.D

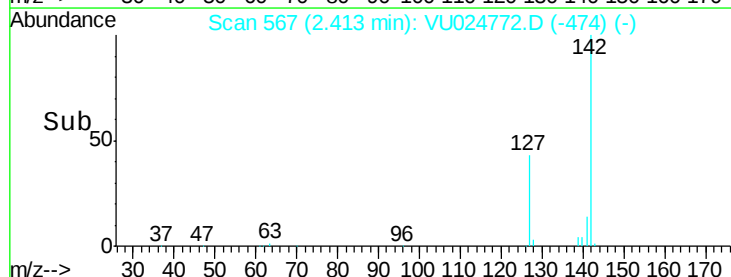
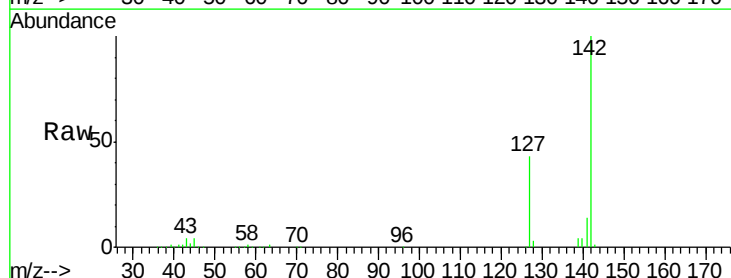
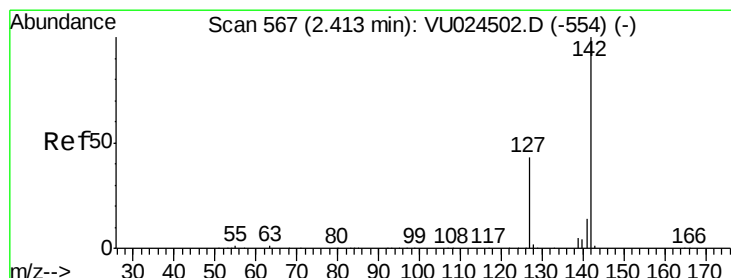
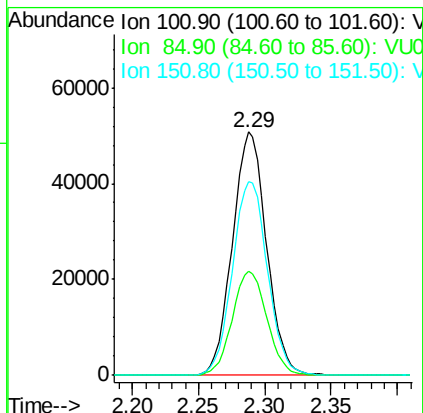
Acq: 20 Jun 2018 21:10

Tot Ion:	101	Resp:	90746
Ion Ratio	Lower	Upper	
101	100		
85	43.6	36.0	54.0
151	82.1	62.3	93.5

Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

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#10

Methyl Iodide

Concen: 53.28 ug/l

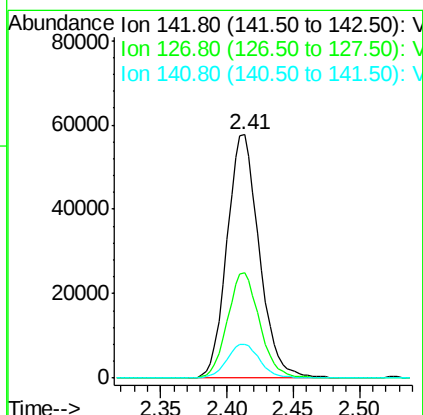
RT: 2.41 min Scan# 567

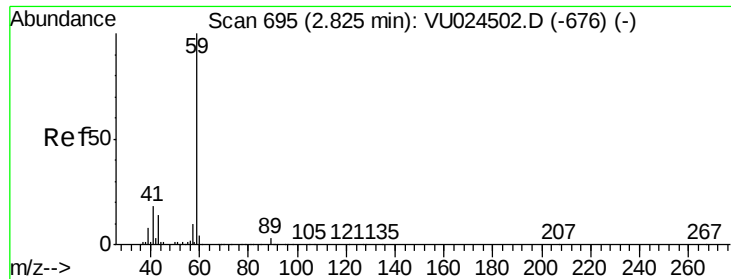
Delta R.T. 0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Tgt Ion:	142	Resp:	97665
Ion Ratio	Lower	Upper	
142	100		
127	43.3	35.6	53.4
141	14.2	11.7	17.5





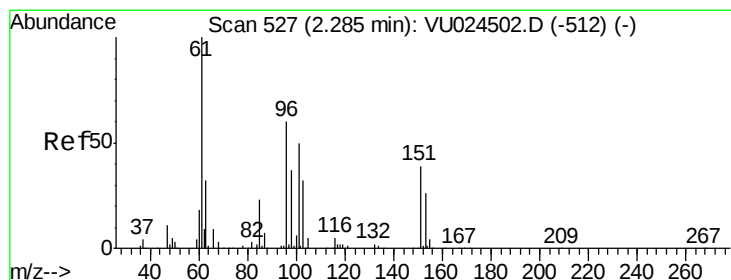
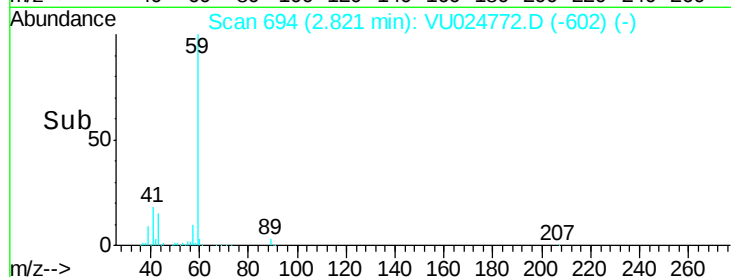
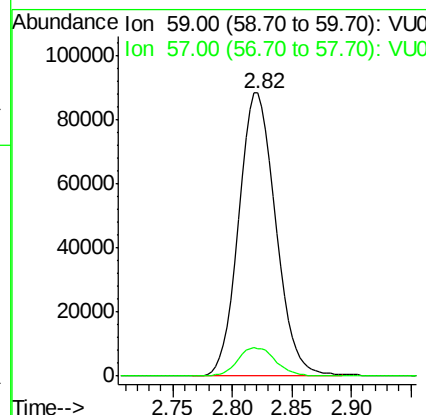
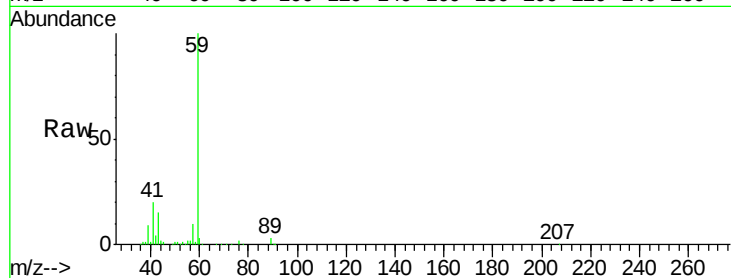
#11
Tert butyl alcohol
Concen: 278.92 ug/l
RT: 2.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

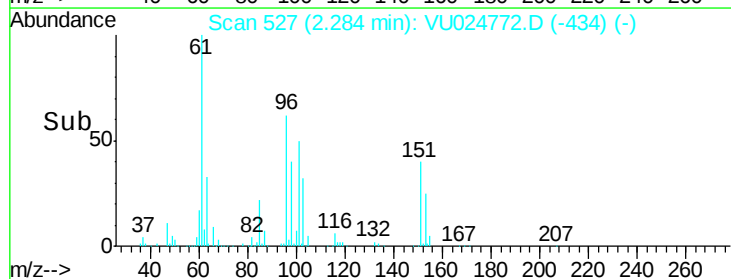
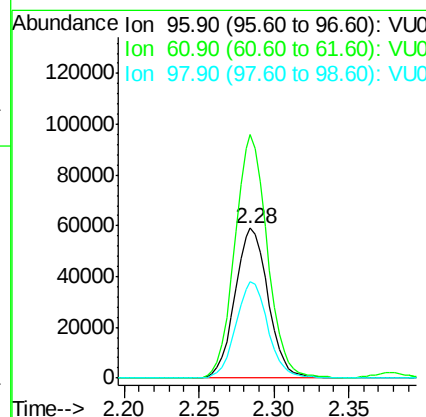
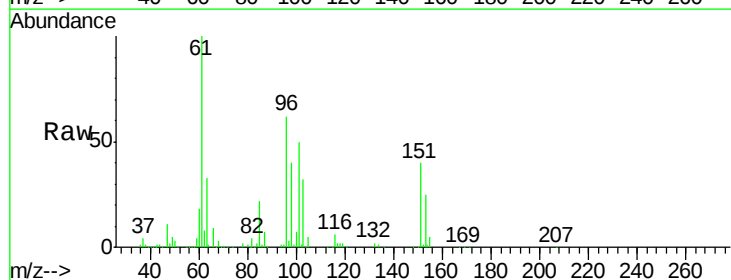
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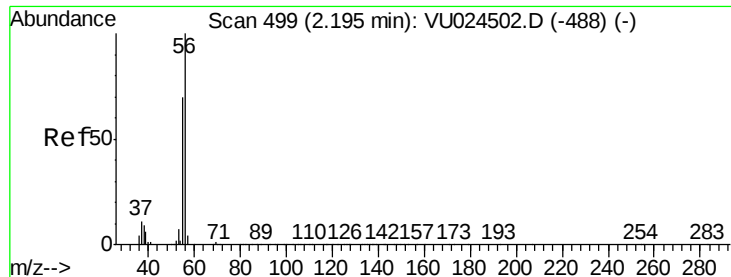
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#12
1,1-Dichloroethene
Concen: 46.56 ug/l
RT: 2.28 min Scan# 527
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.2	141.7	212.5
98	64.4	51.6	77.4





#13

Acrolein

Concen: 190.30 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

Tot Ion: 56 Resp: 68335

Ion Ratio Lower Upper

56 100

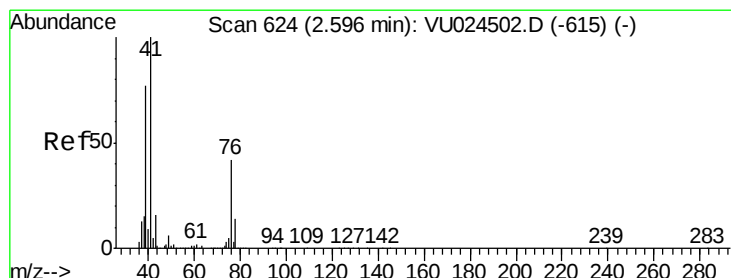
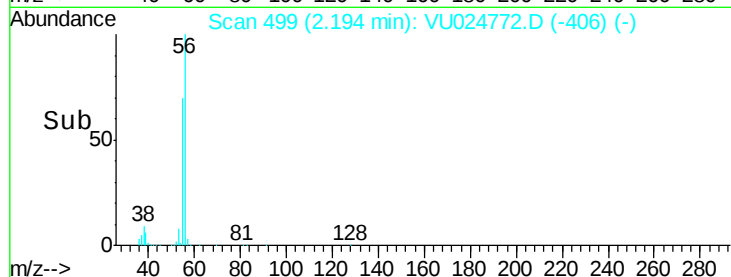
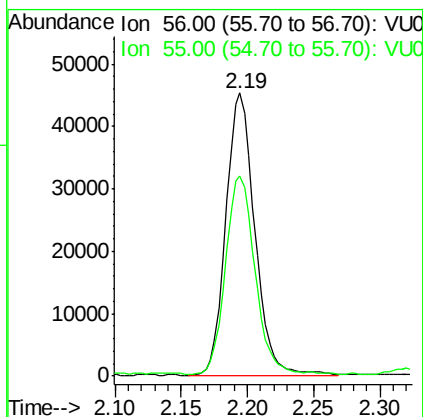
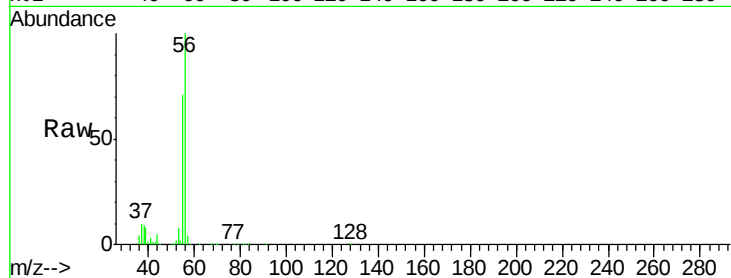
55 71.6 58.4 87.6

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#14

Allyl chloride

Concen: 41.18 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

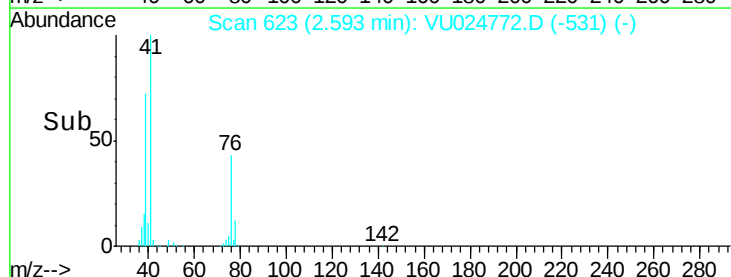
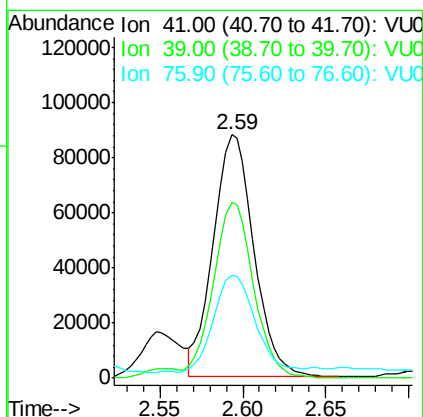
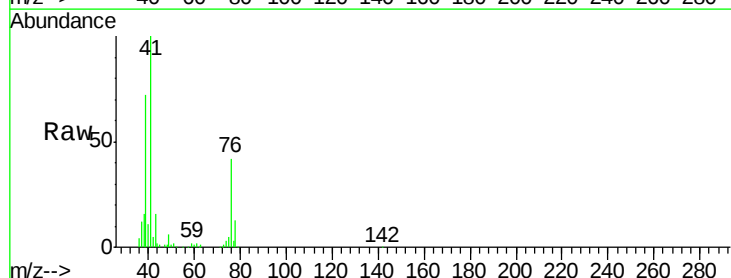
Tgt Ion: 41 Resp: 149963

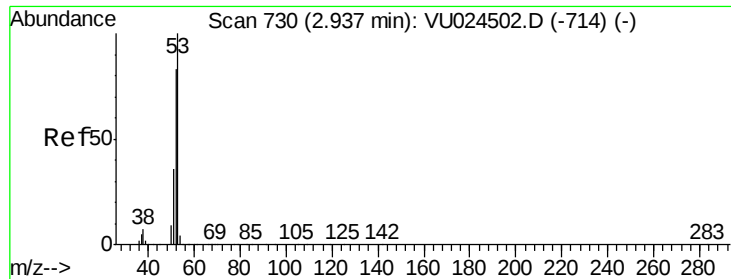
Ion Ratio Lower Upper

41 100

39 71.3 61.6 92.4

76 40.3 29.7 44.5





#15

Acrylonitrile

Concen: 253.97 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

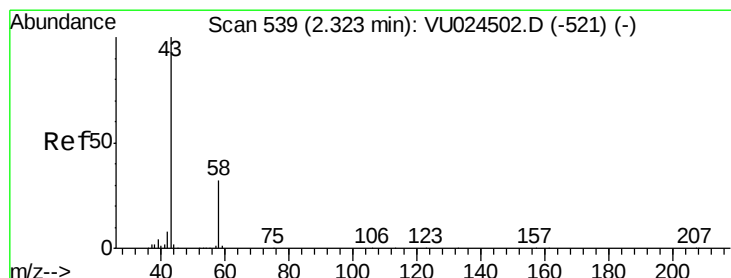
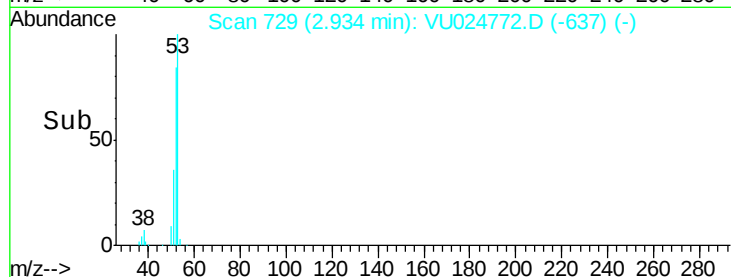
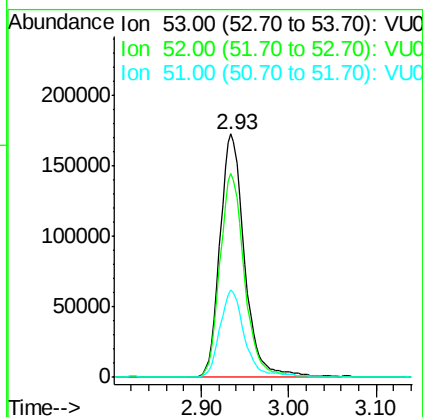
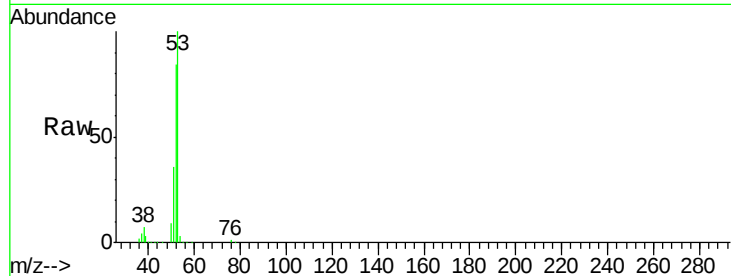
ClientSampleId :

TPTW-04MSD

Tot Ion:	53	Resp:	337897
Ion	Ratio	Lower	Upper
53	100		
52	83.4	67.1	100.7
51	36.4	28.4	42.6

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#16

Acetone

Concen: 312.60 ug/l

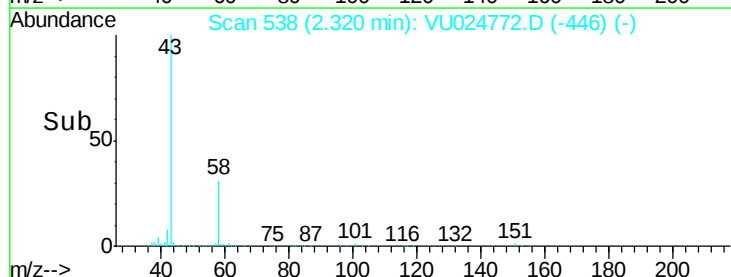
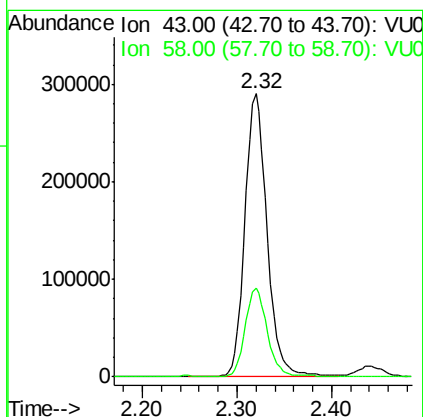
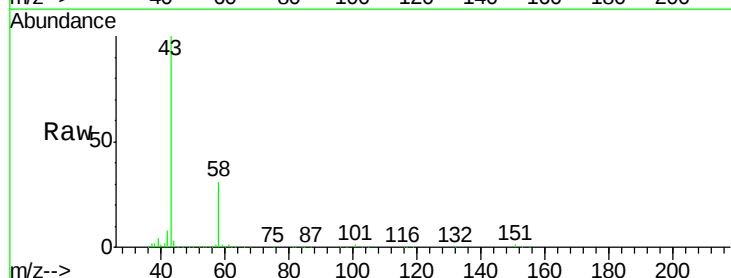
RT: 2.32 min Scan# 538

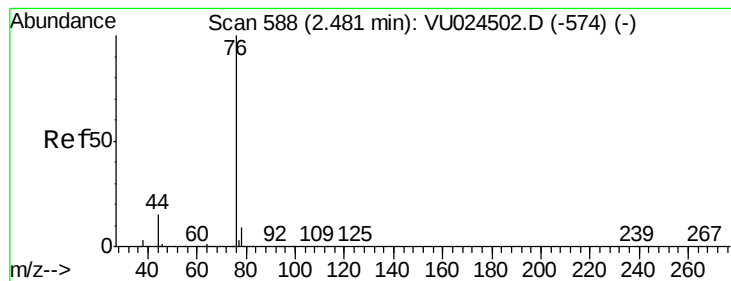
Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Tgt Ion:	43	Resp:	472252
Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.4	36.6





#17

Carbon Disulfide

Concen: 44.05 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

Tot Ion: 76 Resp: 276620

Ion Ratio Lower Upper

76 100

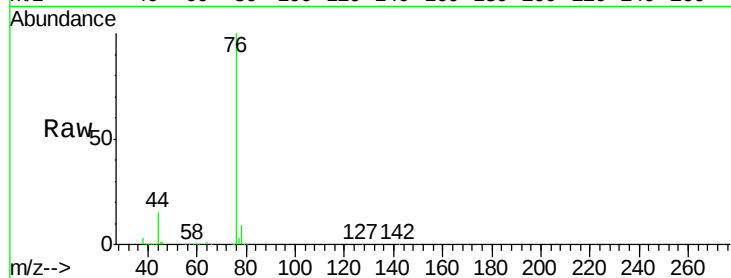
78 9.5 7.1 10.7

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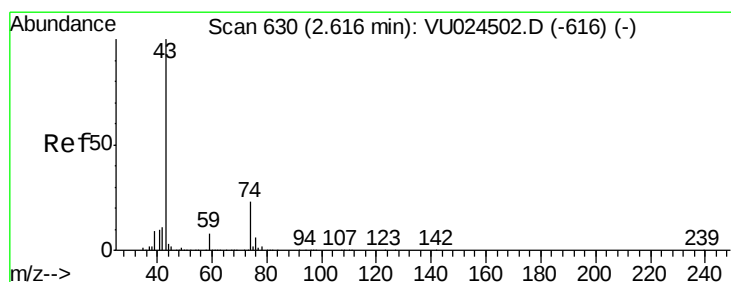
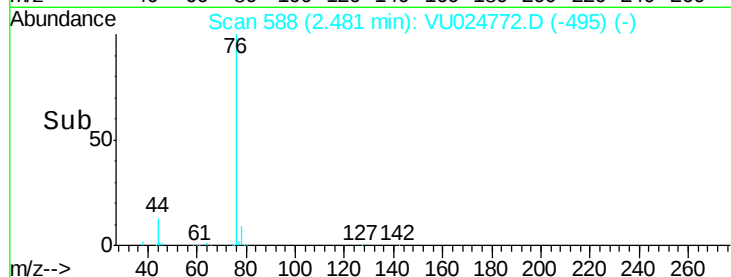
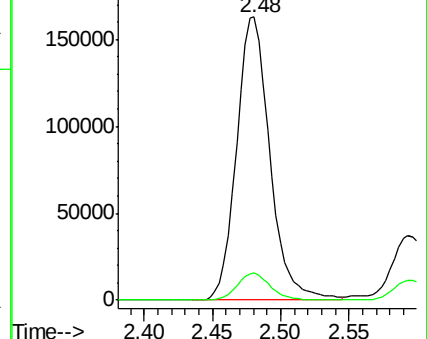
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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 55.10 ug/l

RT: 2.61 min Scan# 629

Delta R.T. -0.00 min

Lab File: VU024772.D

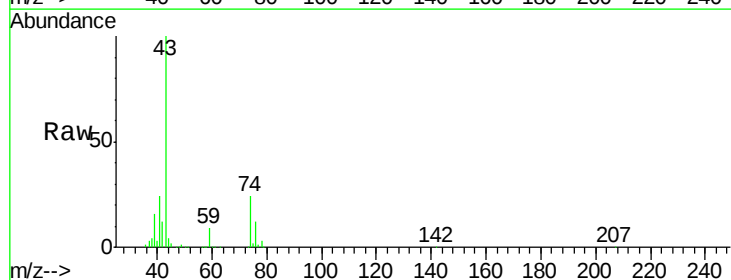
Acq: 20 Jun 2018 21:10

Tgt Ion: 43 Resp: 178441

Ion Ratio Lower Upper

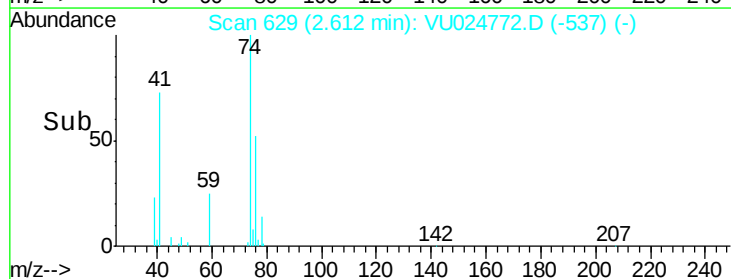
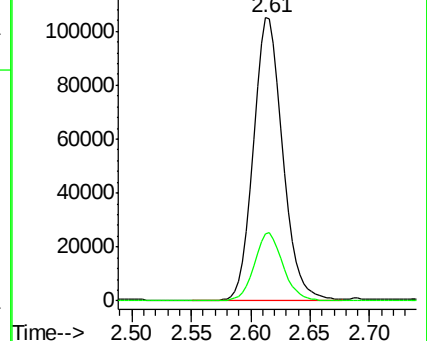
43 100

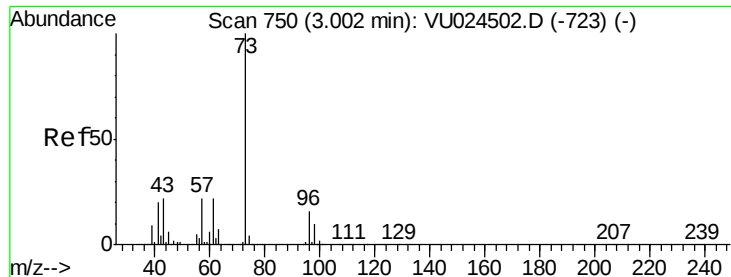
74 23.5 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





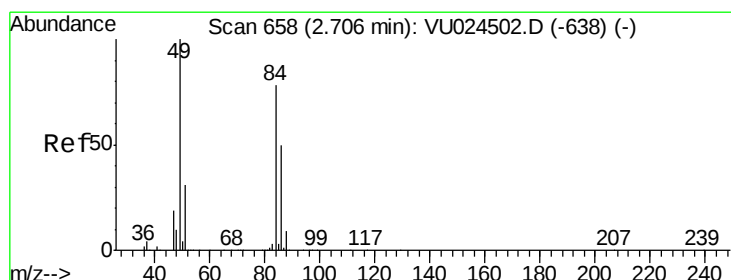
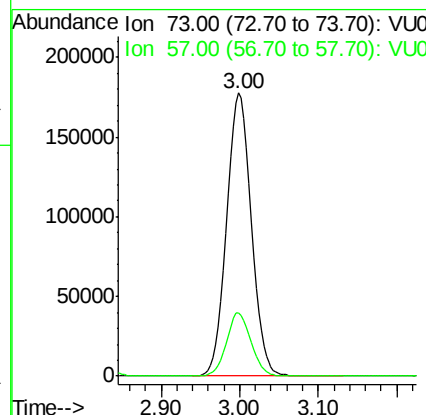
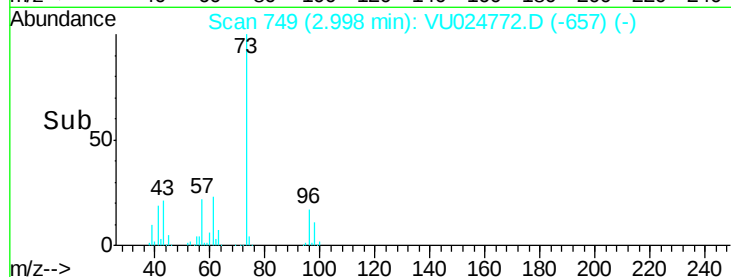
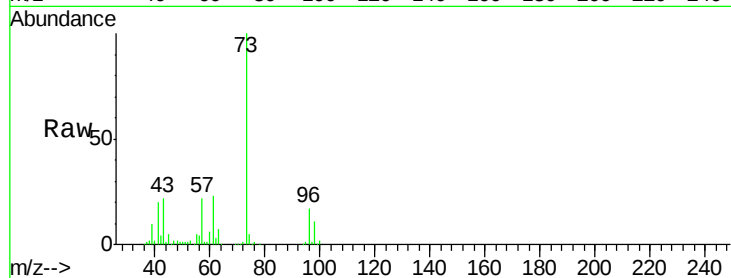
#19
Methvl tert-butvl Ether
Concen: 52.16 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.8	28.2

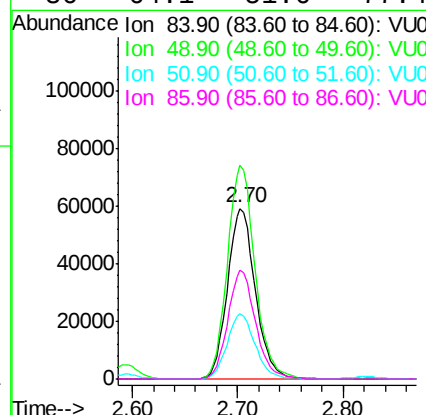
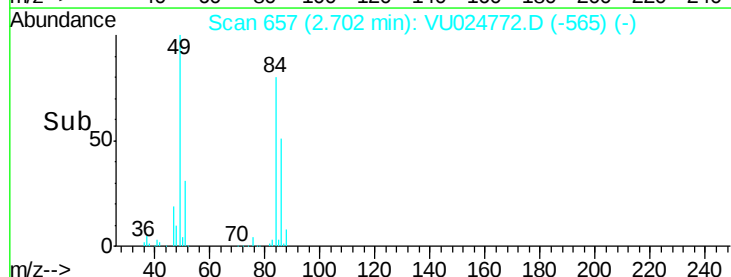
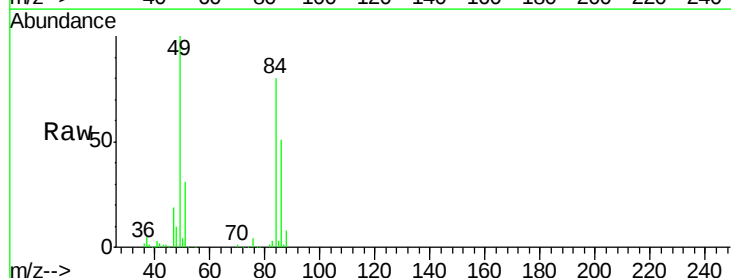
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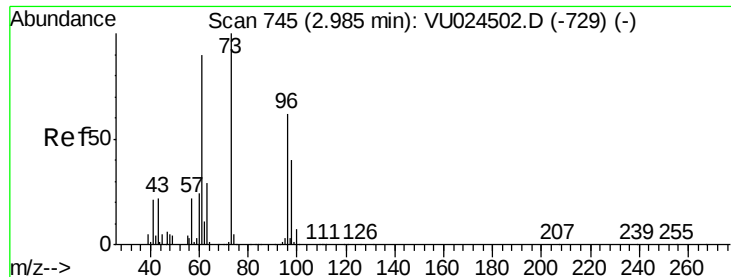
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#20
Methylene Chloride
Concen: 45.45 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.3	103.8	155.8
51	38.4	32.0	48.0
86	64.1	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 44.31 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

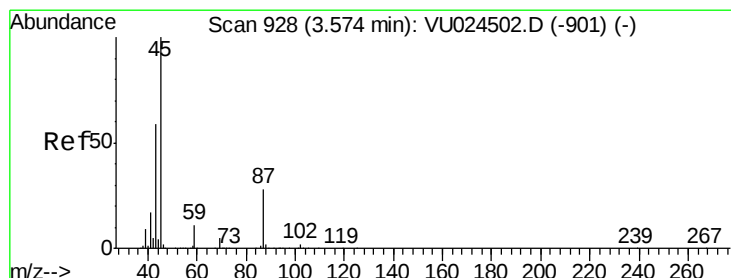
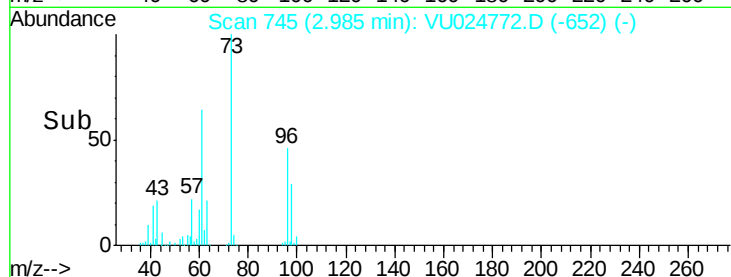
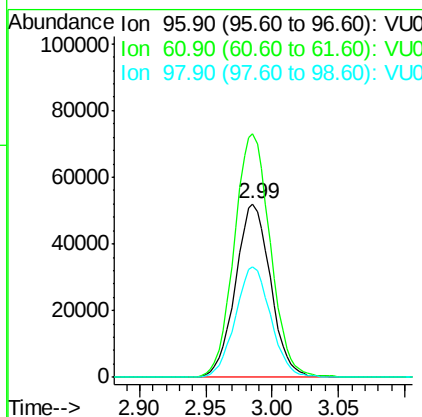
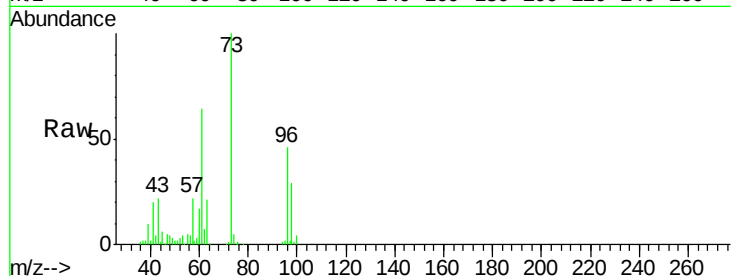
ClientSampleId :

TPTW-04MSD

Tot Ion:	96	Resp:	95718
Ion	Ratio	Lower	Upper
96	100		
61	140.1	119.4	179.0
98	64.0	51.1	76.7

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#22

Diisopropyl ether

Concen: 48.40 ug/l

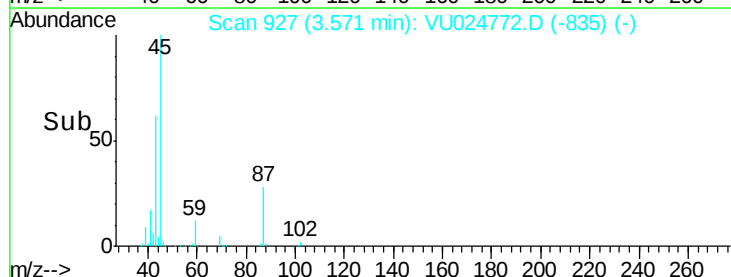
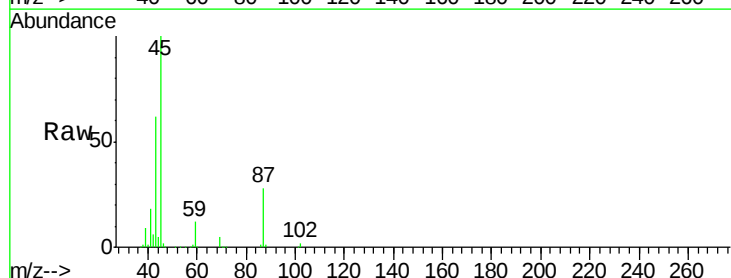
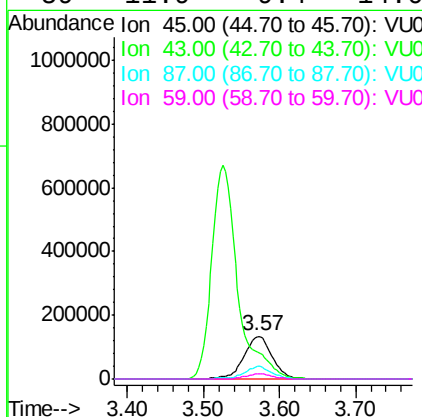
RT: 3.57 min Scan# 927

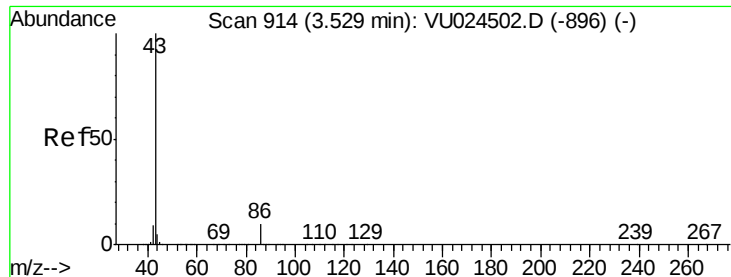
Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Tgt Ion:	45	Resp:	349394
Ion	Ratio	Lower	Upper
45	100		
43	61.4	45.8	68.6
87	28.4	20.6	31.0
59	11.9	9.4	14.0





#23

Vinyl Acetate

Concen: 246.81 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

Tot Ion: 43 Resp: 1595892

Ion Ratio Lower Upper

43 100

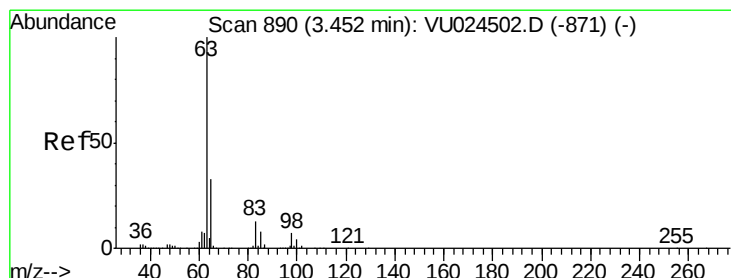
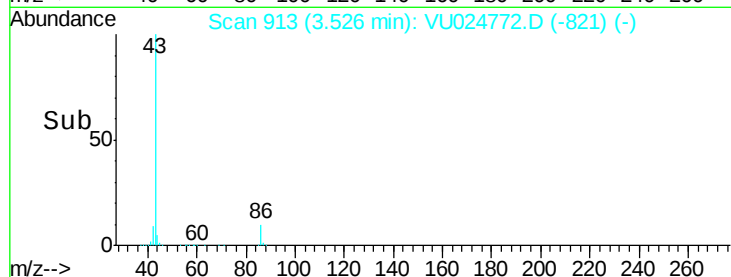
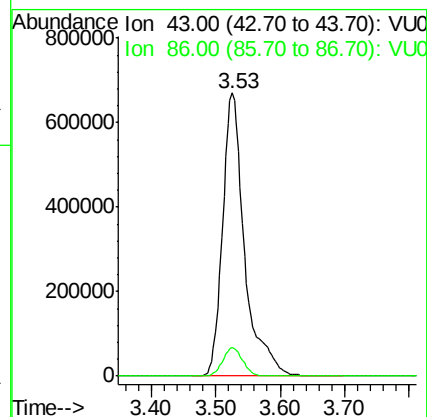
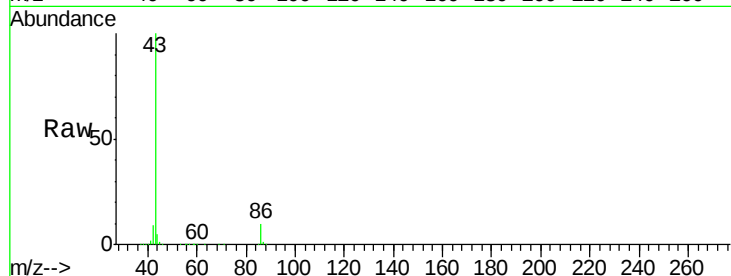
86 10.0 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 47.24 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

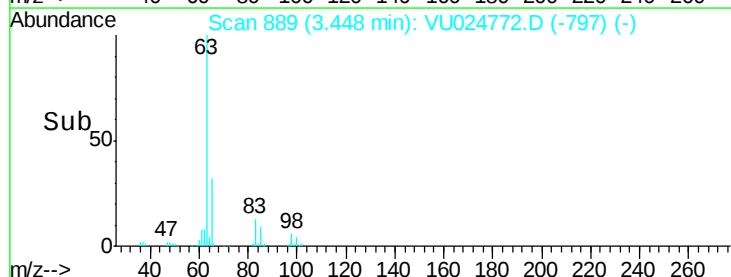
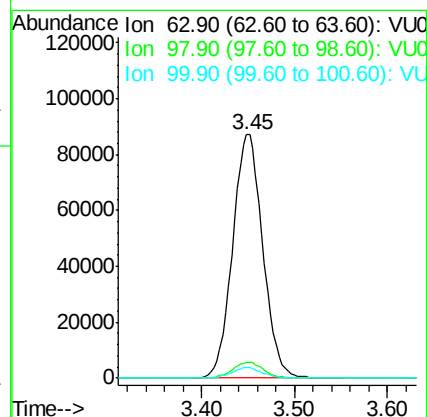
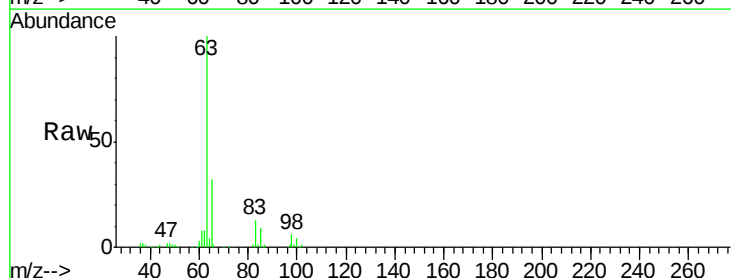
Tgt Ion: 63 Resp: 196149

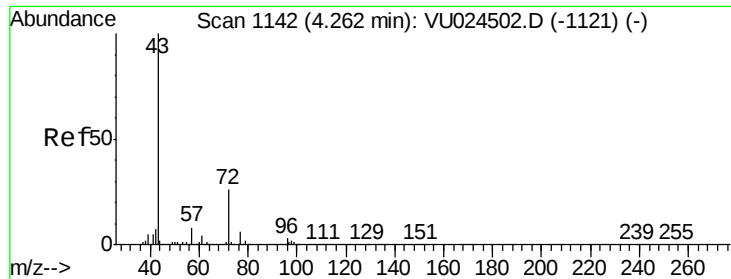
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 4.5 1.8 5.5





#25

2-Butanone

Concen: 275.10 ug/l

RT: 4.26 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampled :

TPTW-04MSD

Tot Ion: 43 Resp: 558254

Ion Ratio Lower Upper

43 100

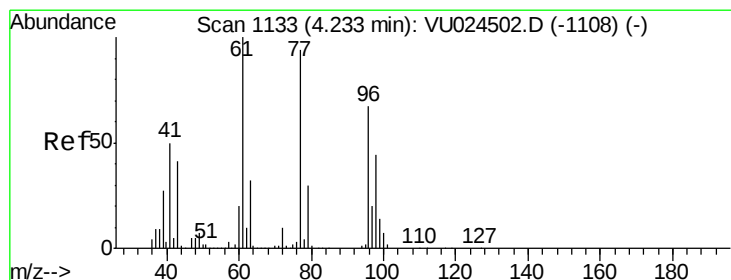
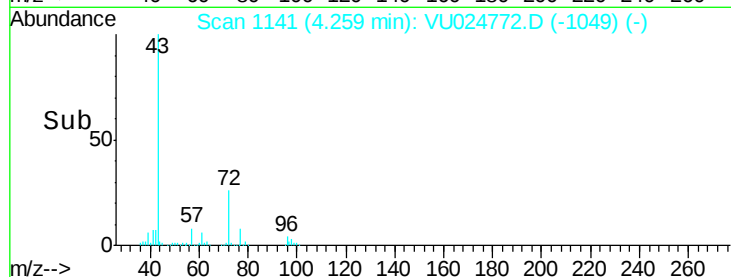
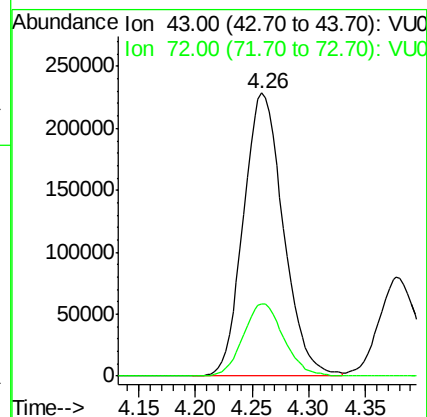
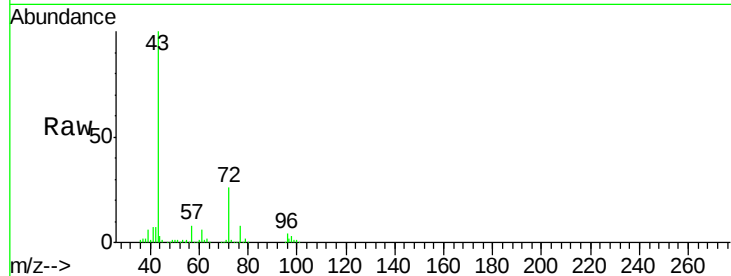
72 25.7 19.6 29.4

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#26

2,2-Dichloropropane

Concen: 40.95 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024772.D

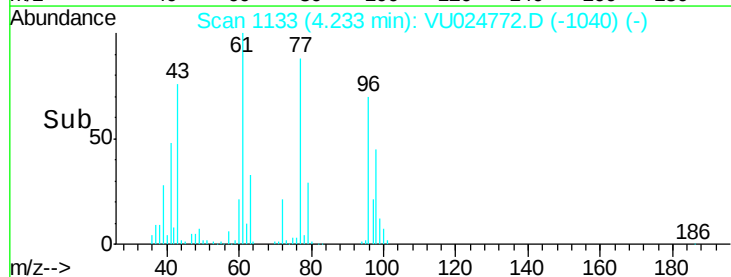
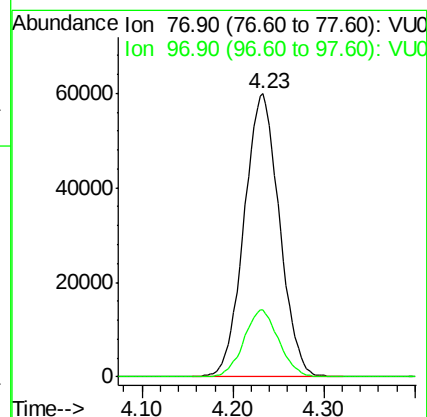
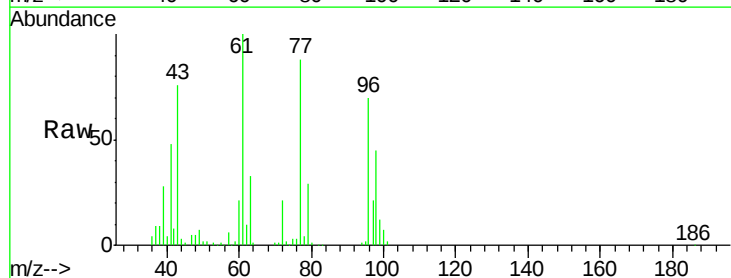
Acq: 20 Jun 2018 21:10

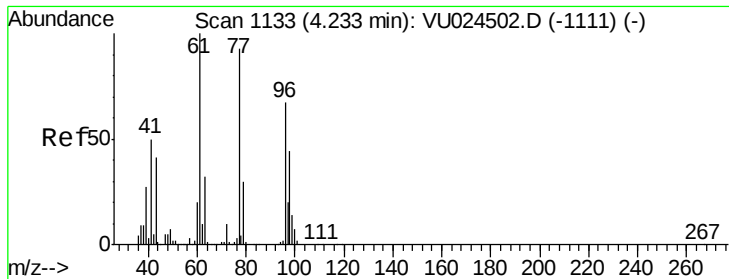
Tgt Ion: 77 Resp: 161445

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.8





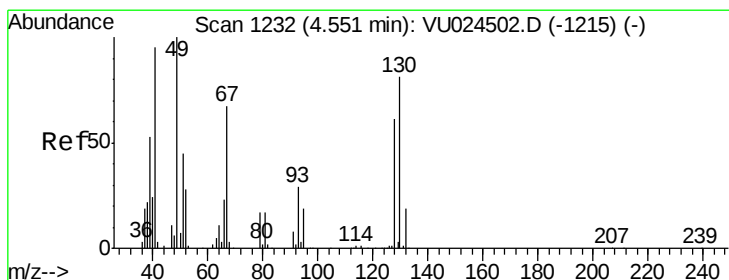
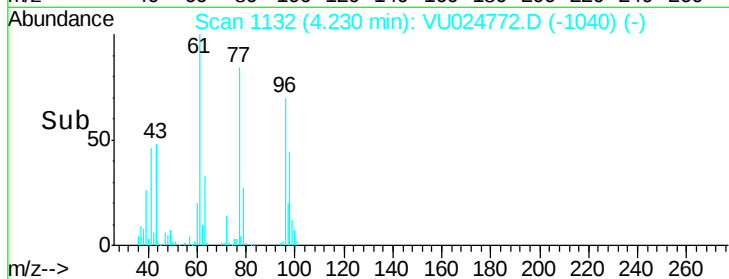
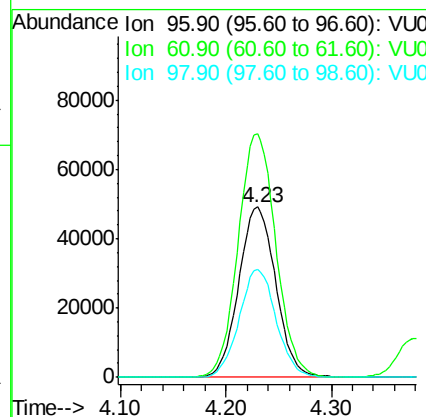
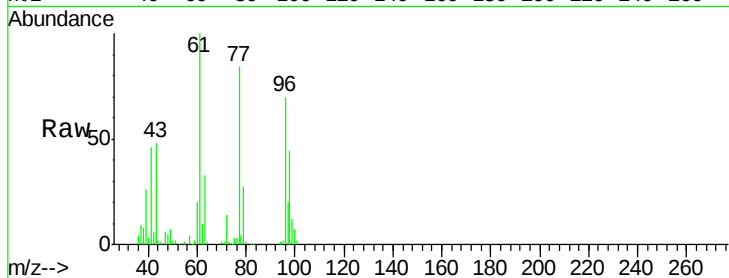
#27
 cis-1,2-Dichloroethene
 Concen: 48.27 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.1	0.0	306.6
98	63.5	0.0	128.8

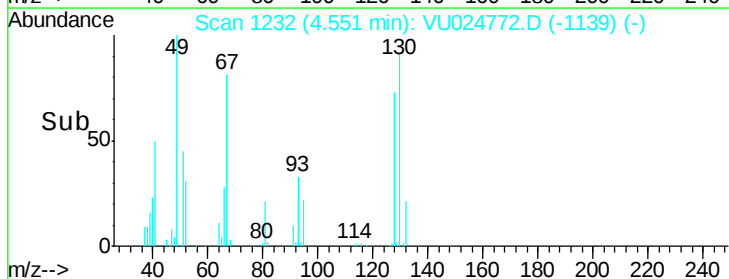
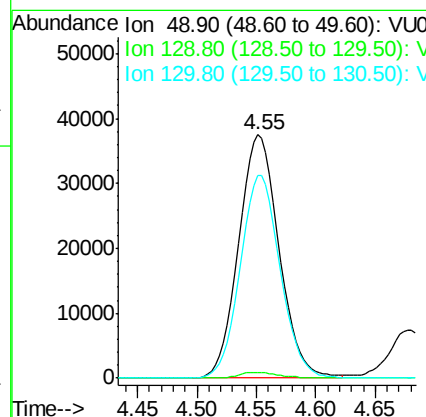
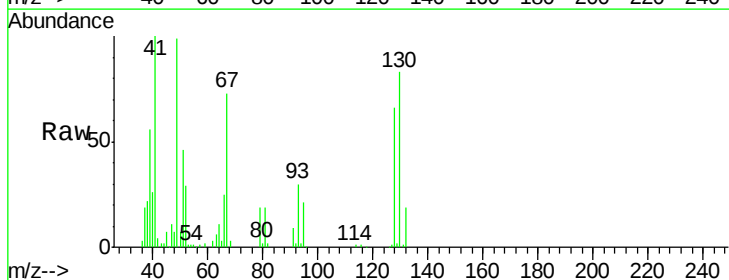
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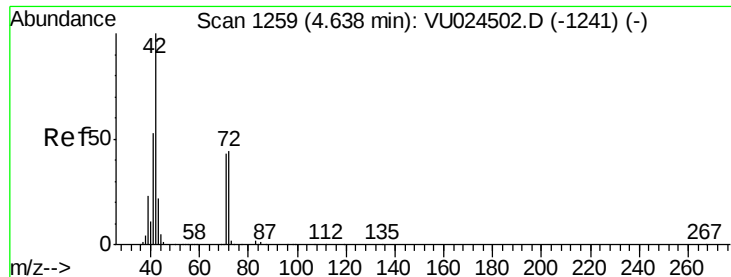
apatel
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#28
 Bromochloromethane
 Concen: 48.21 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	82.5	57.8	86.6





#29

Tetrahydrofuran

Concen: 281.75 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

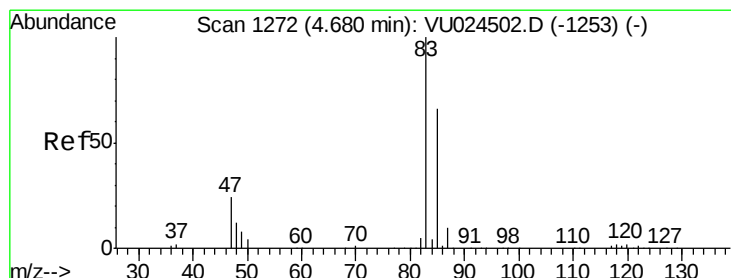
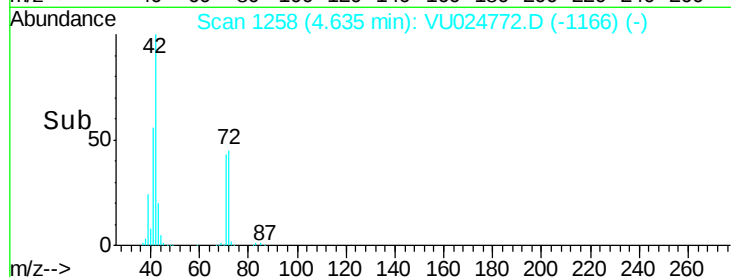
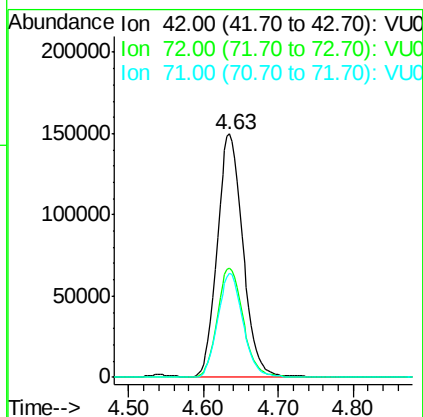
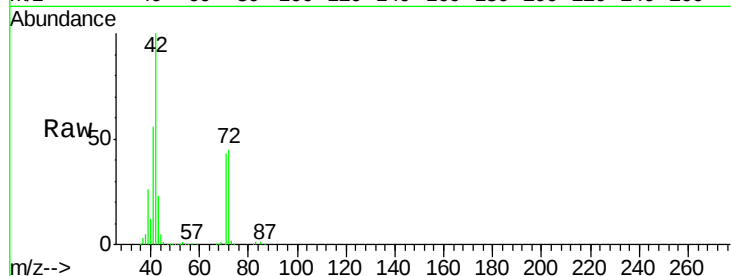
ClientSampleId :

TPTW-04MSD

Tot Ion:	42	Resp:	354064
Ion Ratio	Lower	Upper	
42	100		
72	45.5	34.5	51.7
71	42.3	32.2	48.4

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#30

Chloroform

Concen: 48.75 ug/l

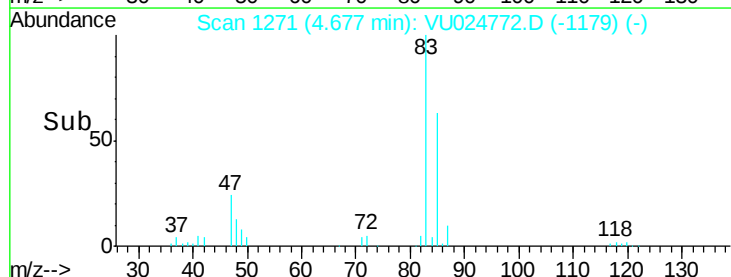
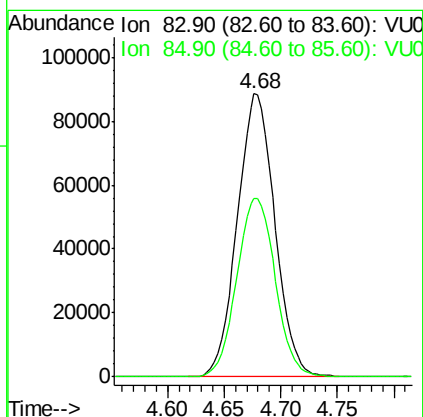
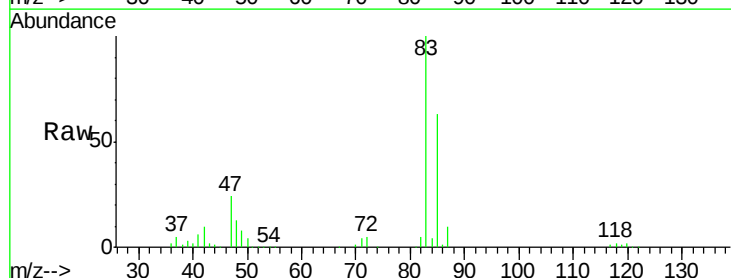
RT: 4.68 min Scan# 1271

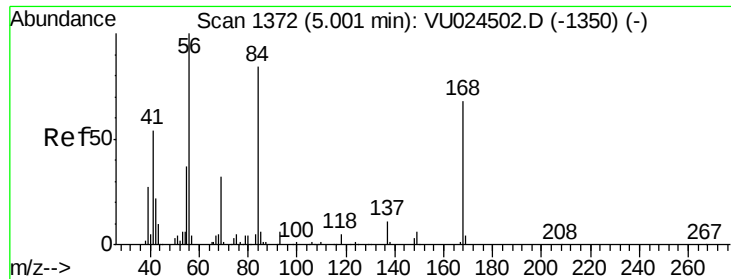
Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Tgt Ion:	83	Resp:	204878
Ion Ratio	Lower	Upper	
83	100		
85	63.2	52.4	78.6





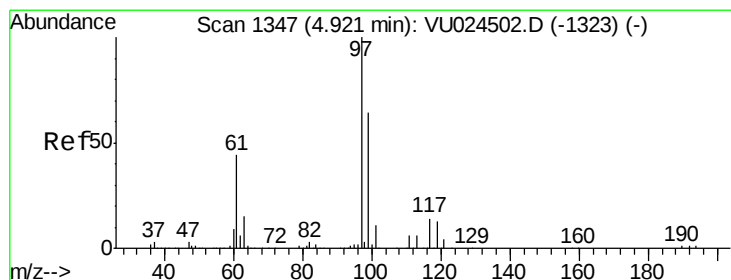
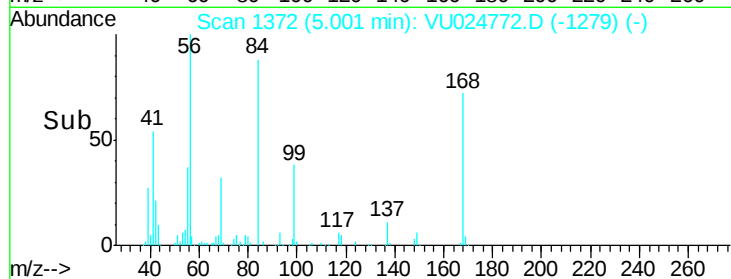
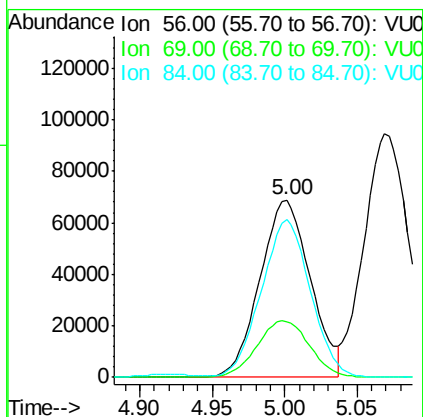
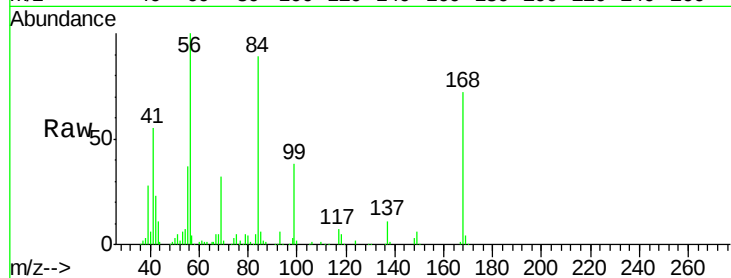
#31
Cyclohexane
Concen: 44.97 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	24.8	37.2
84	87.8	65.2	97.8

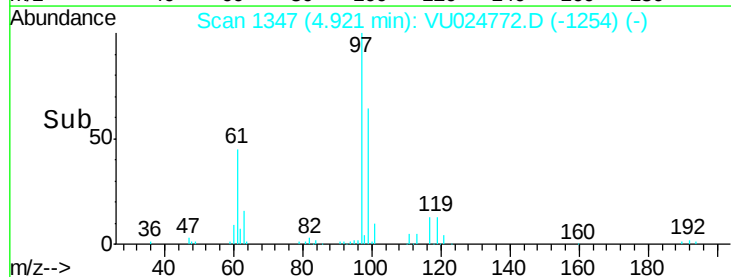
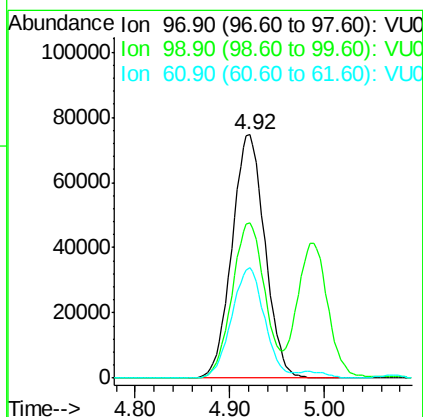
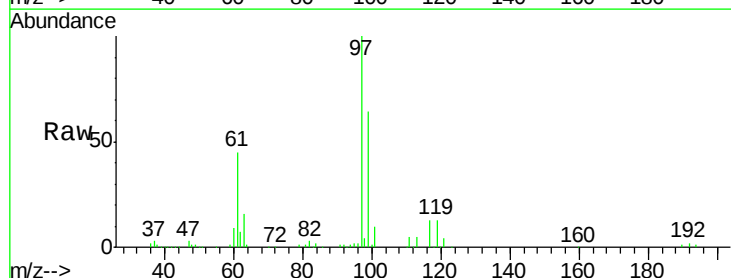
Manual Integrations
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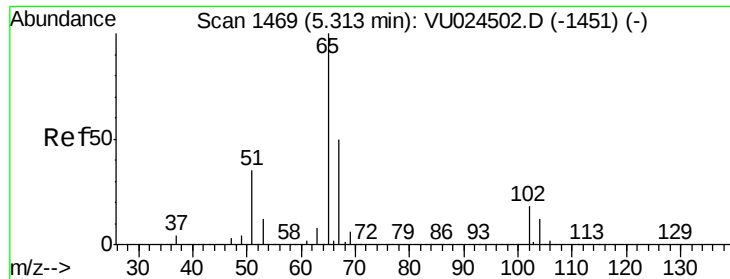
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#32
1,1,1-Trichloroethane
Concen: 46.48 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.6
61	45.2	39.4	59.0





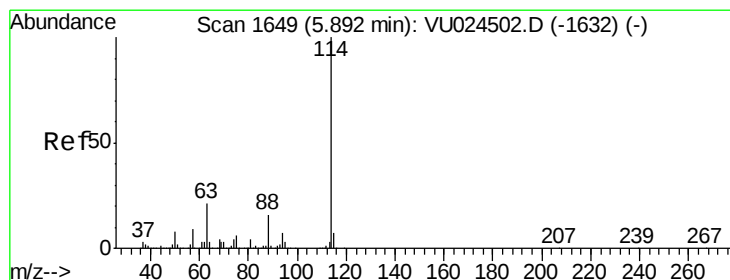
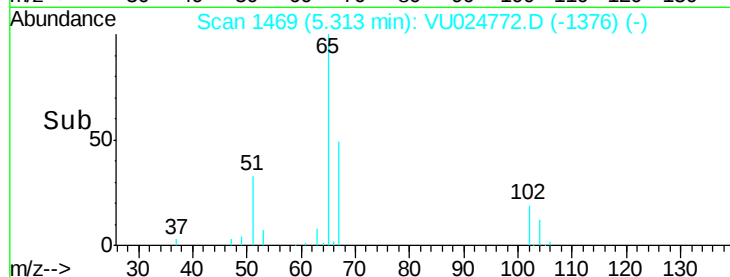
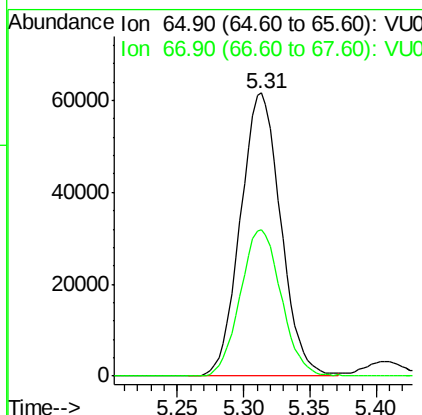
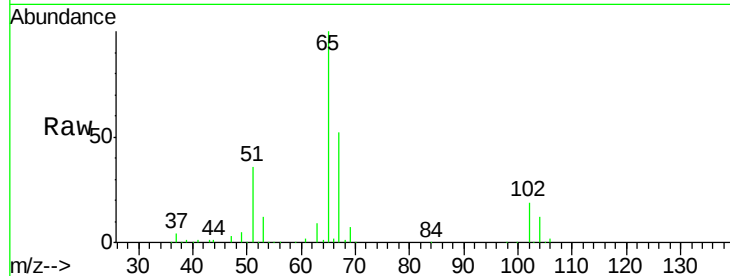
#33
 1,2-Dichloroethane-d4
 Concen: 46.39 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	107.0

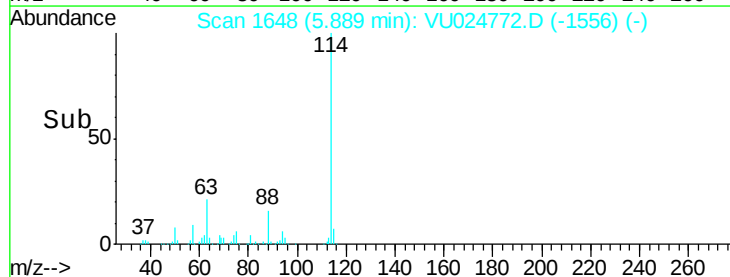
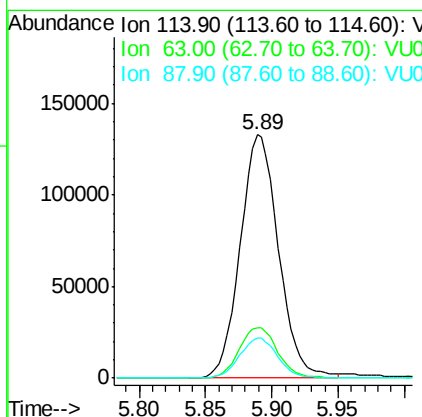
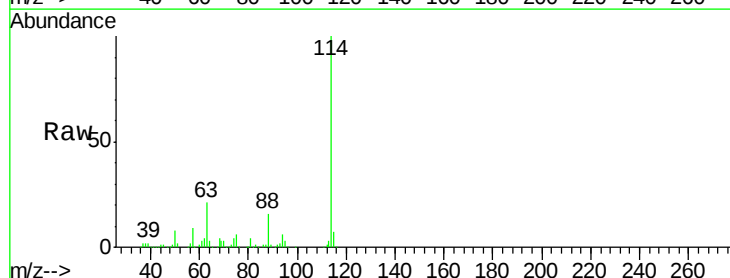
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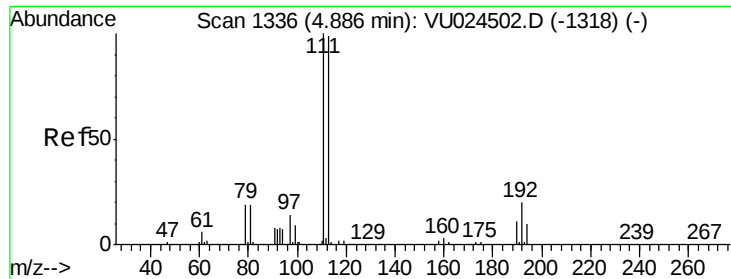
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	45.4
88	16.4	0.0	31.0





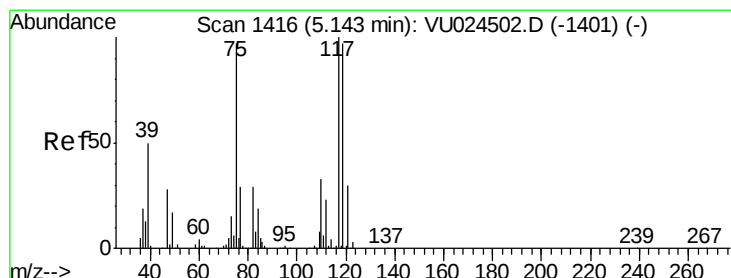
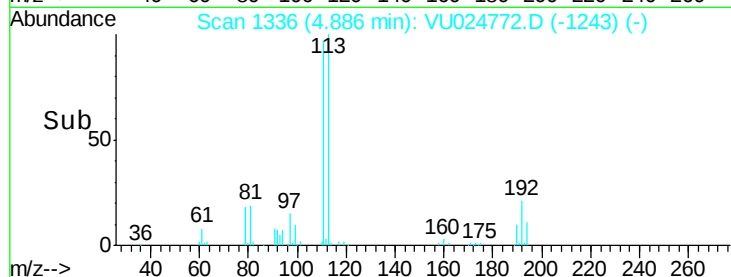
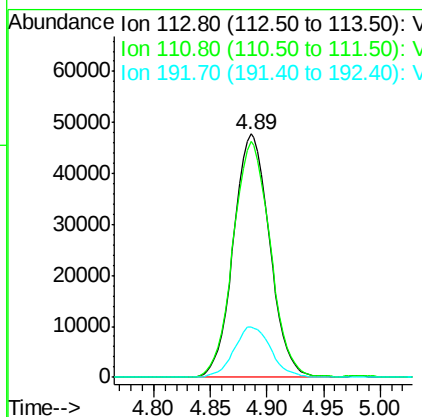
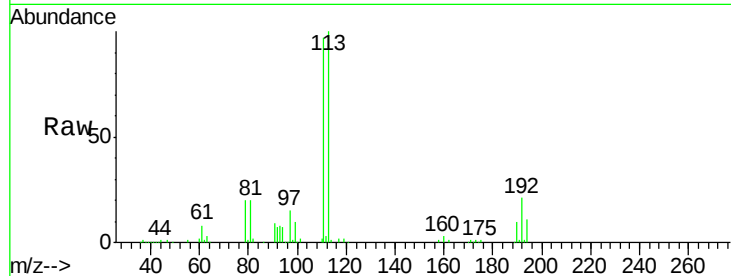
#35
 Dibromofluoromethane
 Concen: 48.05 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	106458		
111	99.4	82.2	123.4	
192	21.3	16.2	24.4	

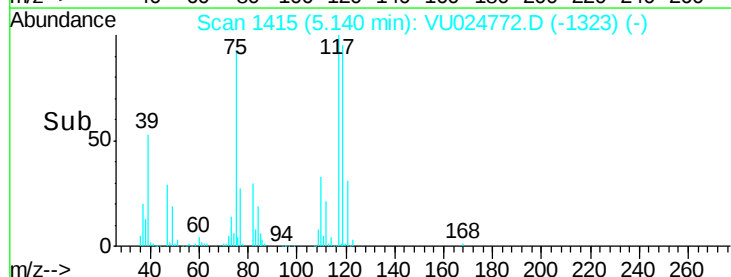
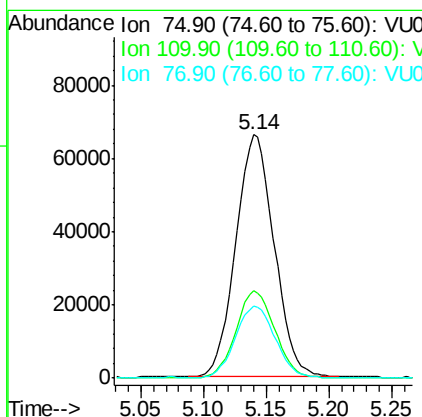
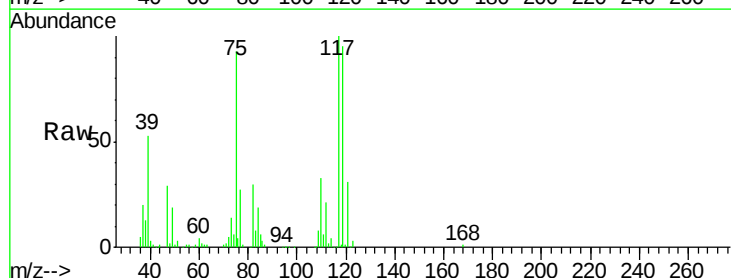
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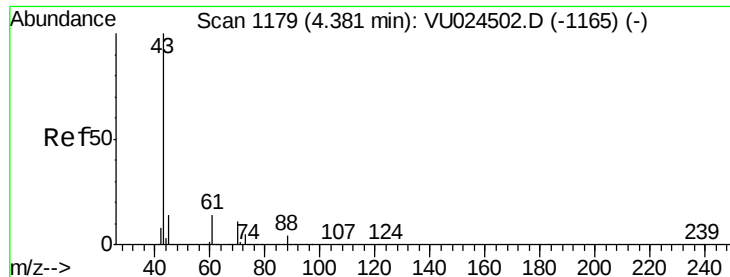
apatel
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#36
 1,1-Dichloropropene
 Concen: 44.67 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	140156		
110	36.8	17.0	50.9	
77	30.4	24.2	36.4	





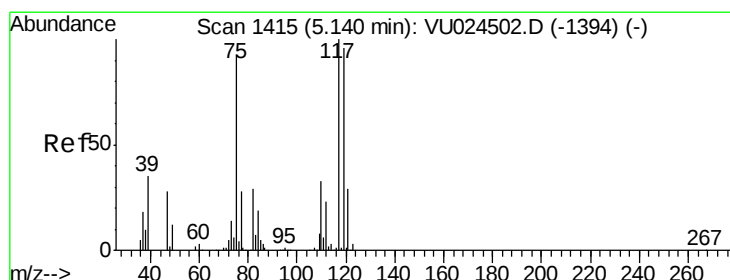
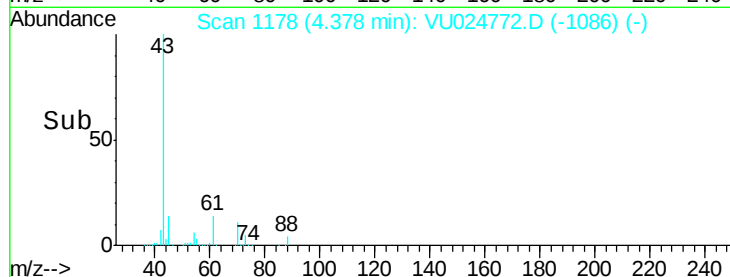
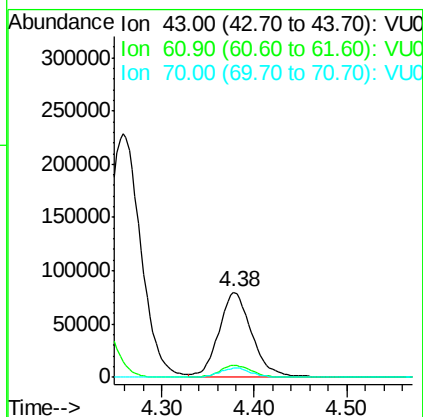
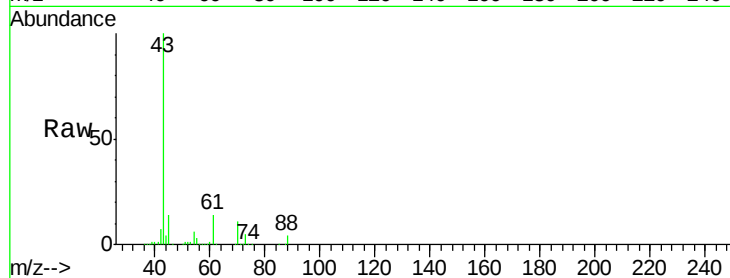
#37
Ethyl Acetate
Concen: 56.36 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

Tot Ion	43	Resp	192702
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.5	15.7
70	10.6	7.4	11.2

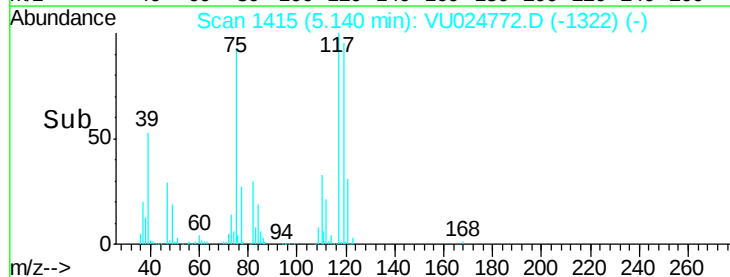
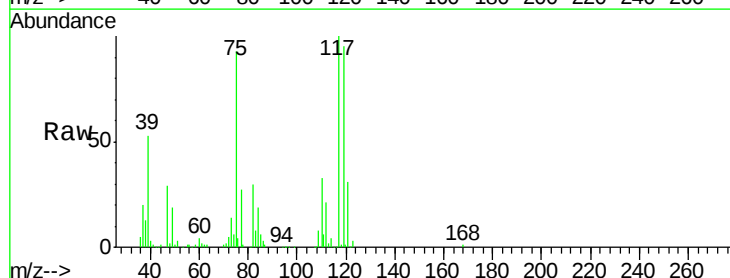
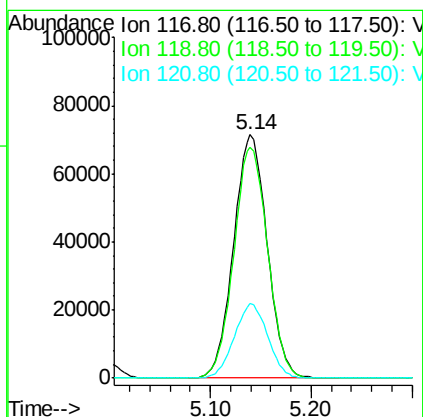
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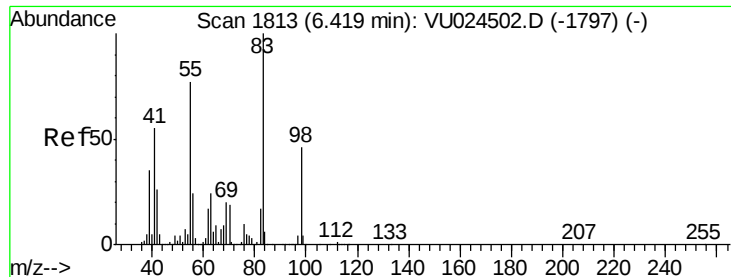
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#38
Carbon Tetrachloride
Concen: 47.76 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion	117	Resp	164781
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.1	114.1
121	30.6	23.7	35.5





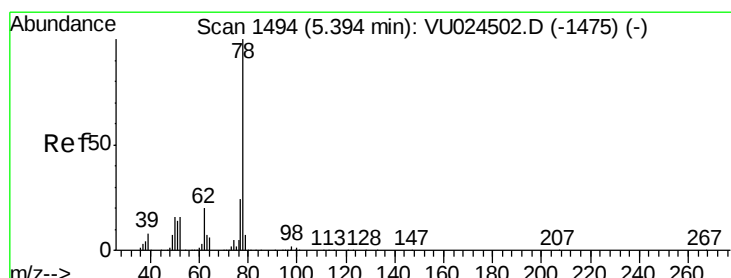
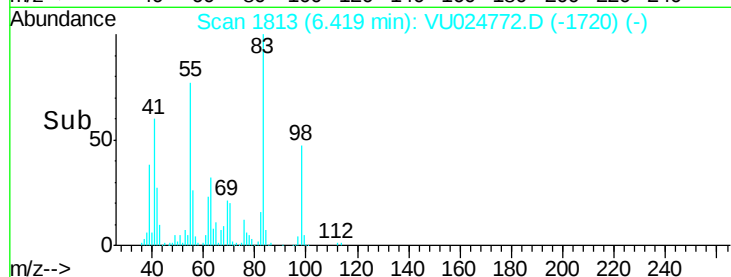
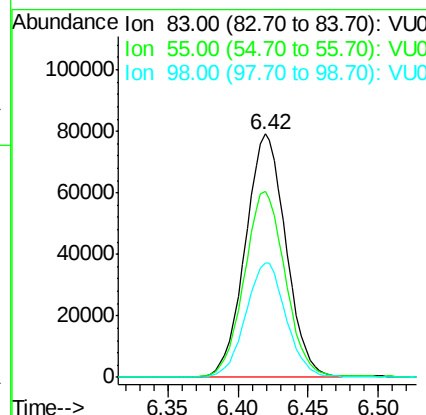
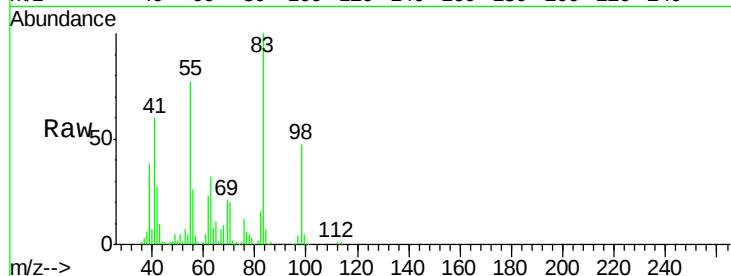
#39
Methvlcvclohexane
Concen: 40.75 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	65.8	98.6
98	47.0	36.7	55.1

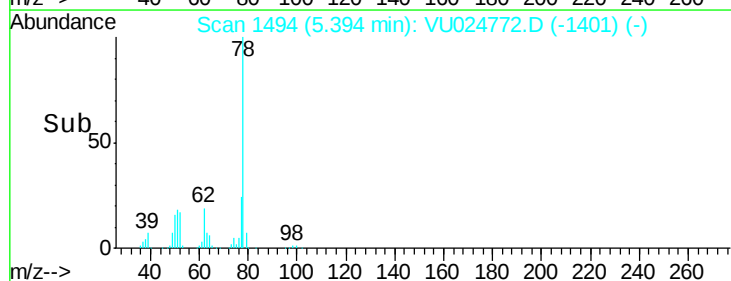
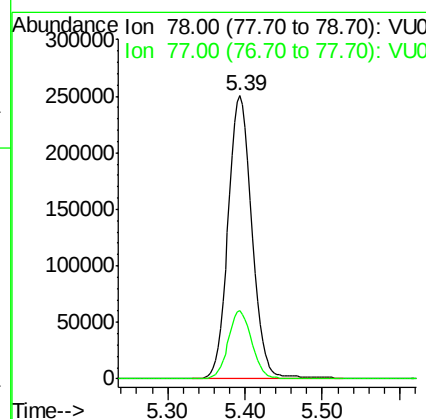
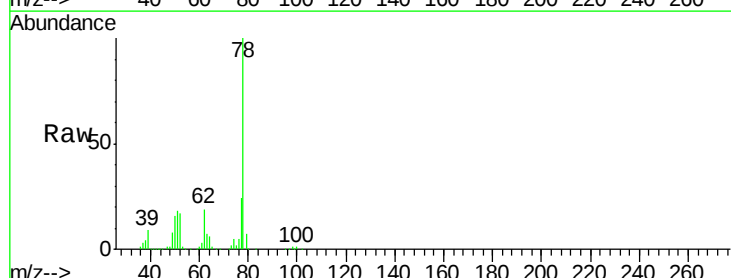
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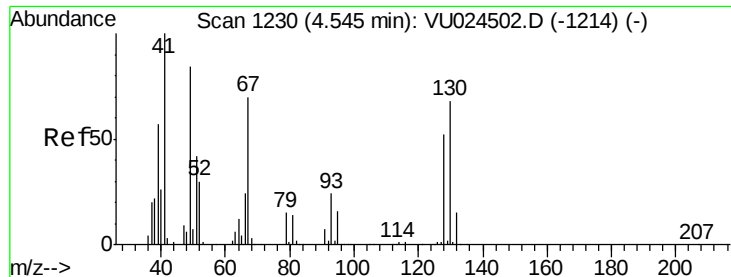
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#40
Benzene
Concen: 59.95 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8





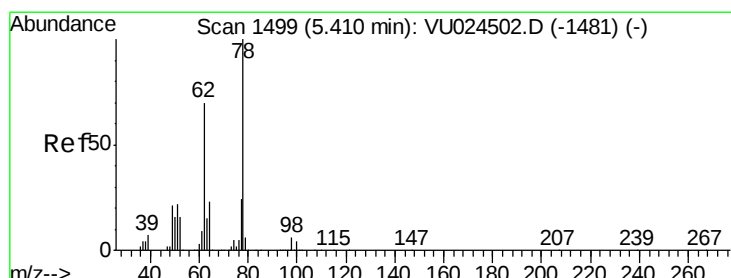
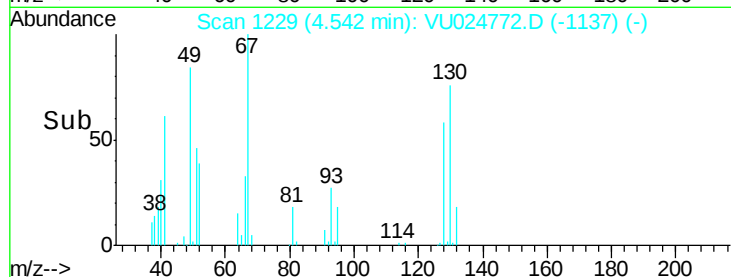
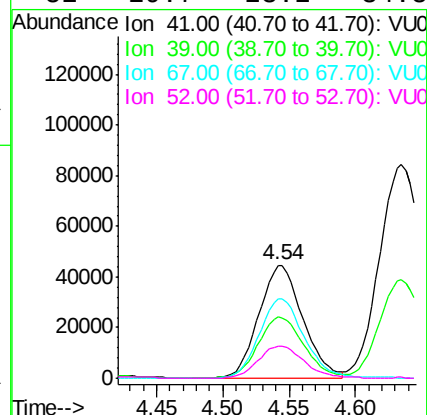
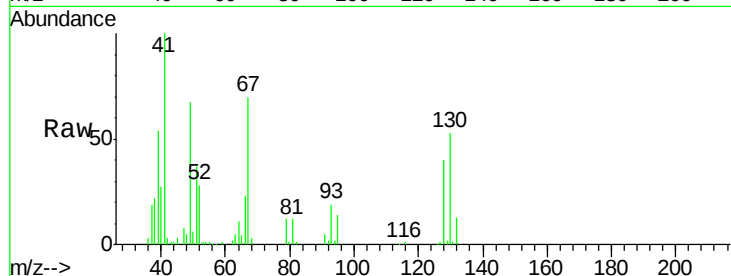
#41
Methacrylonitrile
Concen: 55.74 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.9	43.8	65.6	
67	72.9	56.3	84.5	
52	29.7	23.2	34.8	

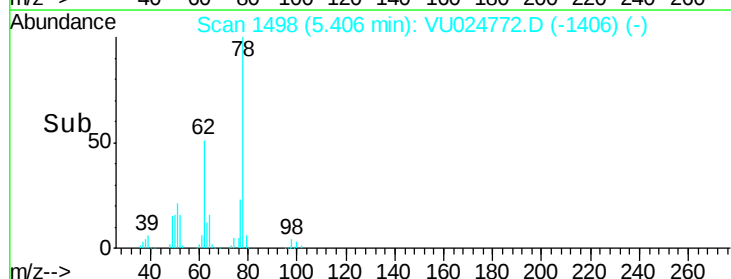
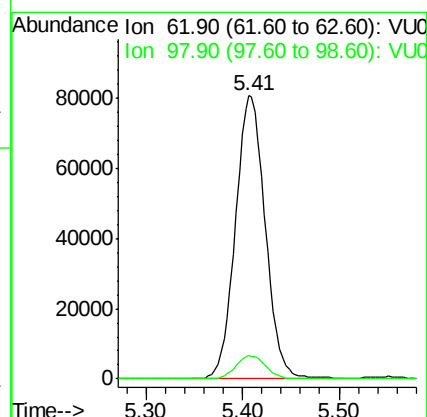
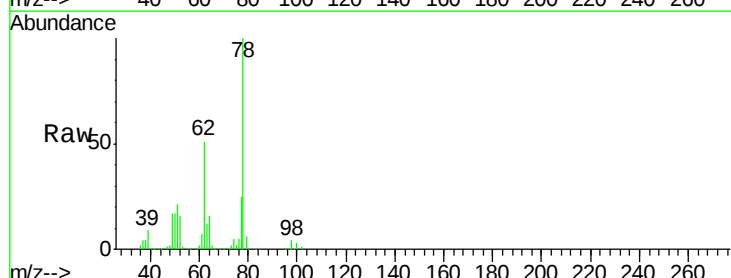
Manual Integrations
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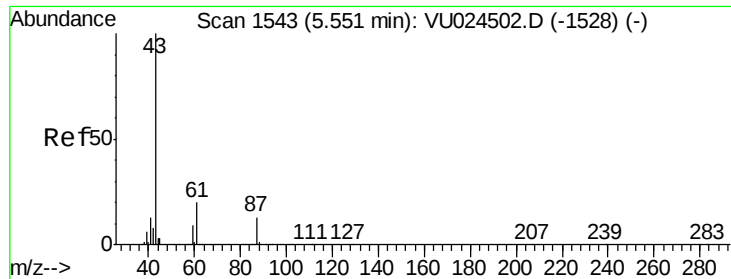
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#42
1,2-Dichloroethane
Concen: 50.69 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	16.6	





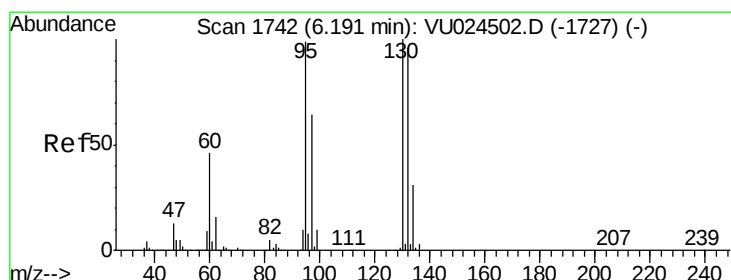
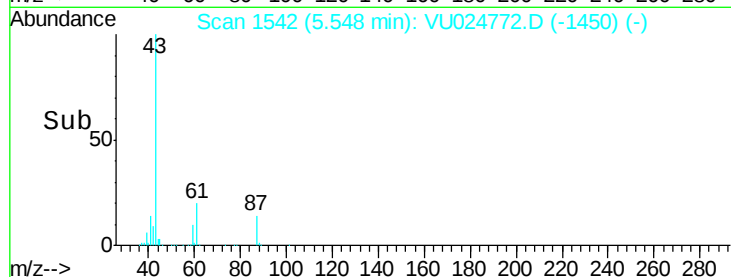
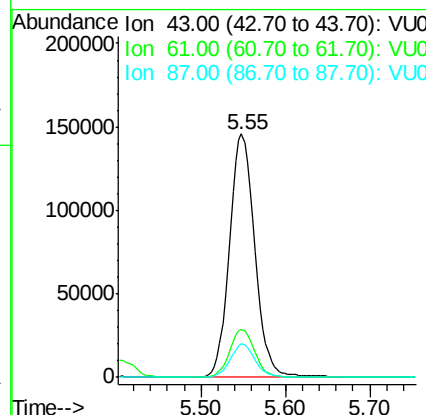
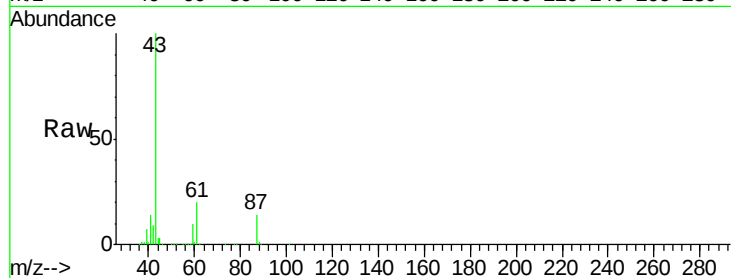
#43
Isopropyl Acetate
Concen: 51.28 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
43	100	303080		
61	19.6		15.4	23.0
87	13.5		10.0	15.0

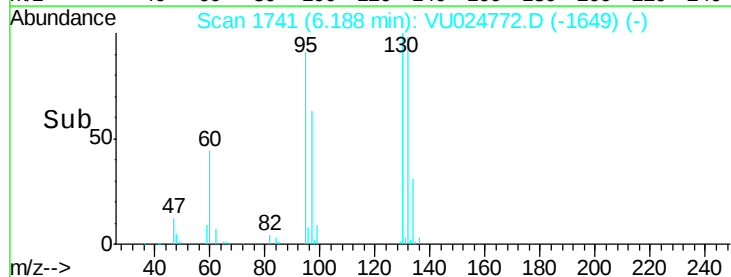
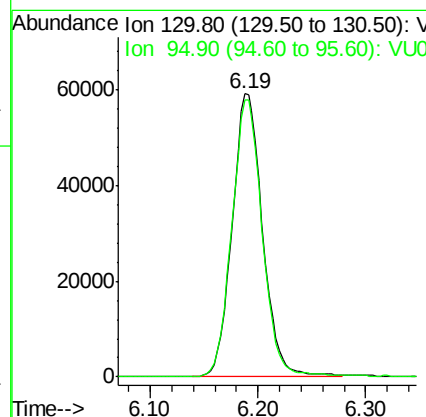
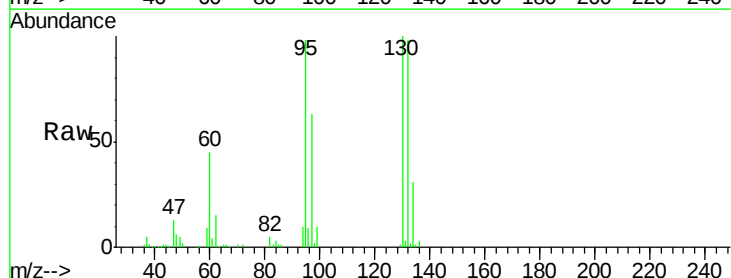
Manual Integrations
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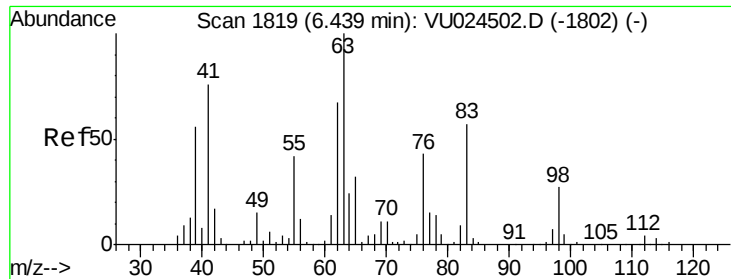
apatel
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#44
Trichloroethene
Concen: 45.73 ug/l
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	116349		
95	97.7		0.0	202.4





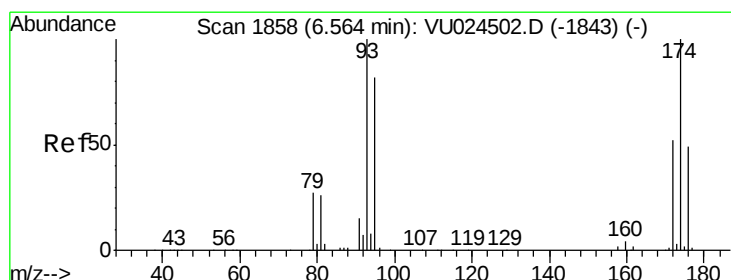
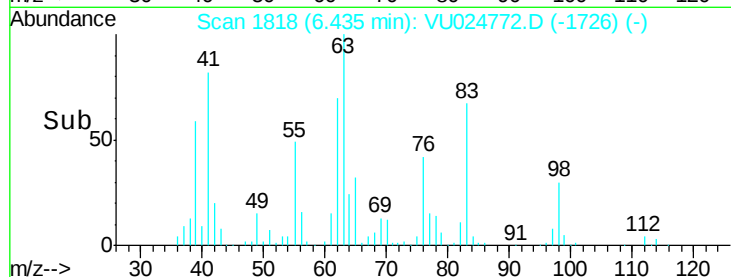
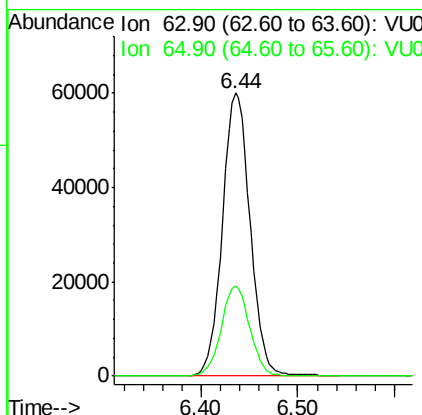
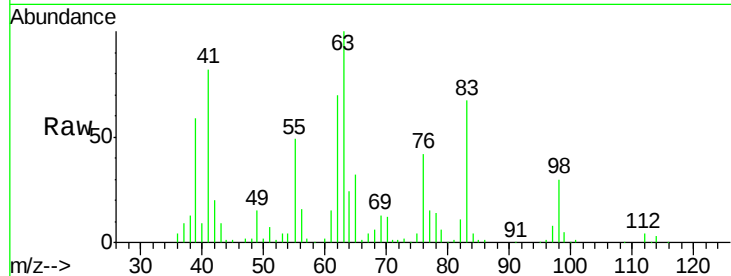
#45
1,2-Dichloropropane
Concen: 50.12 ug/l
RT: 6.44 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

Tot Ion: 63 Resp: 119545
Ion Ratio Lower Upper
63 100
65 31.7 24.8 37.2

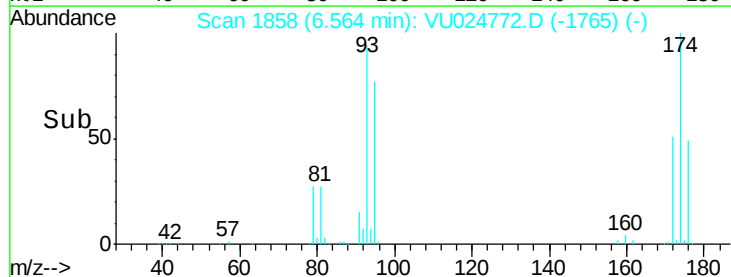
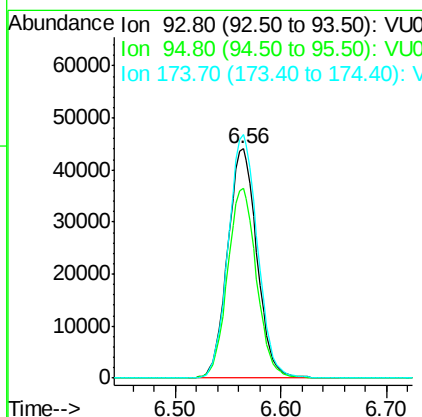
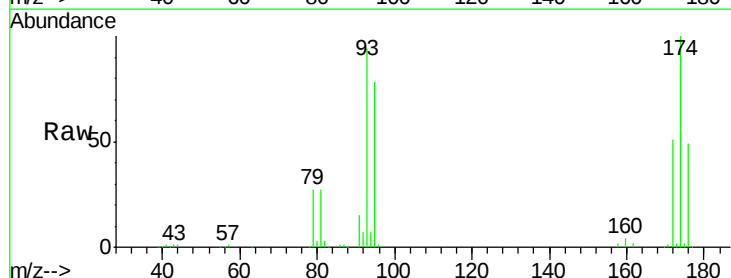
Manual Integrations
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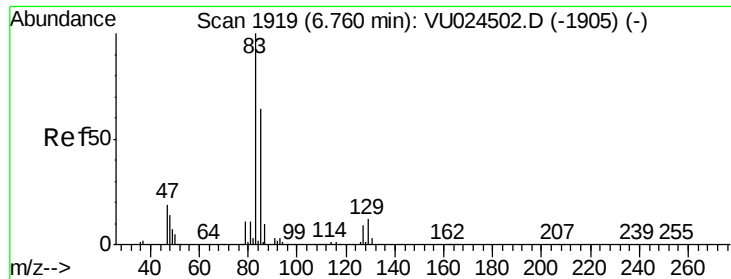
apatel
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#46
Dibromomethane
Concen: 50.51 ug/l
RT: 6.56 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion: 93 Resp: 84631
Ion Ratio Lower Upper
93 100
95 82.2 65.5 98.3
174 106.0 78.7 118.1





#47

Bromodichloromethane

Concen: 48.64 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

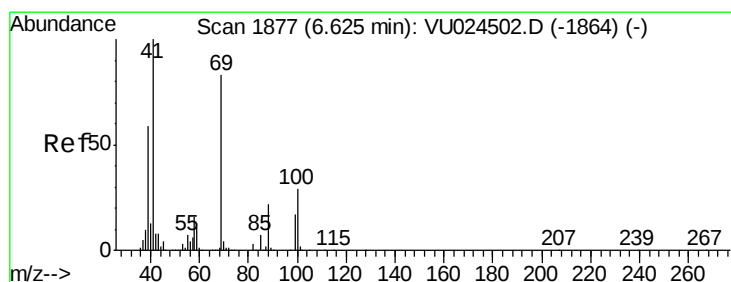
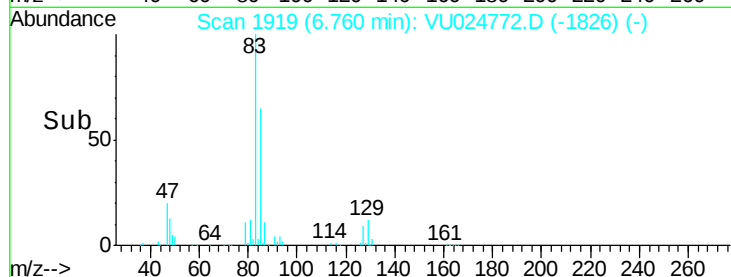
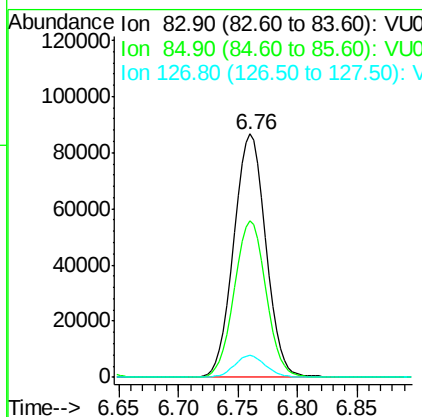
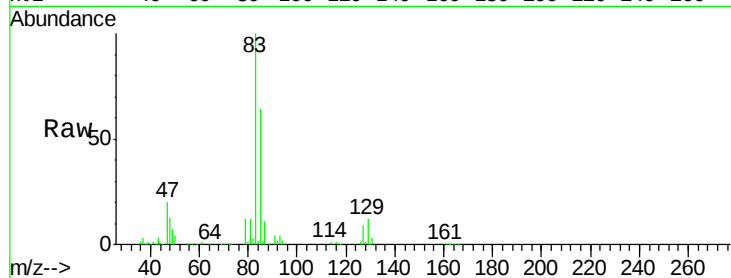
ClientSampleId :

TPTW-04MSD

Tot Ion:	83	Resp:	162289
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.9	77.9
127	9.0	6.6	9.8

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#48

Methyl methacrylate

Concen: 50.51 ug/l

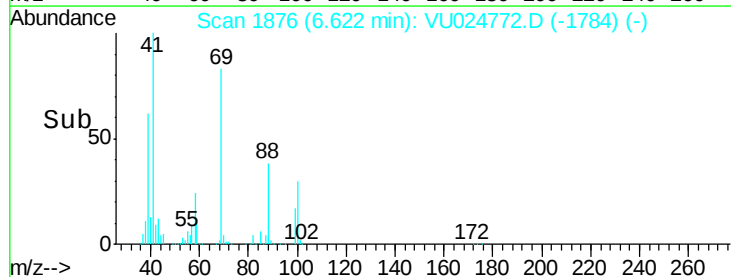
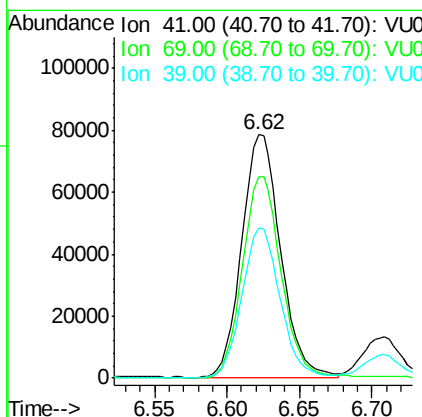
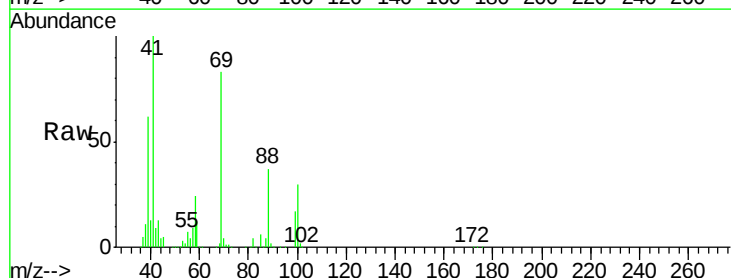
RT: 6.62 min Scan# 1876

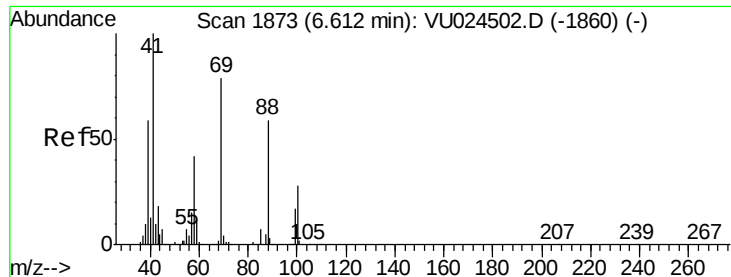
Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Tgt Ion:	41	Resp:	145384
Ion Ratio	Lower	Upper	
41	100		
69	83.9	67.3	100.9
39	60.5	46.5	69.7





#49

1,4-Dioxane

Concen: 1327.67 ug/l

RT: 6.61 min Scan# 1873

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

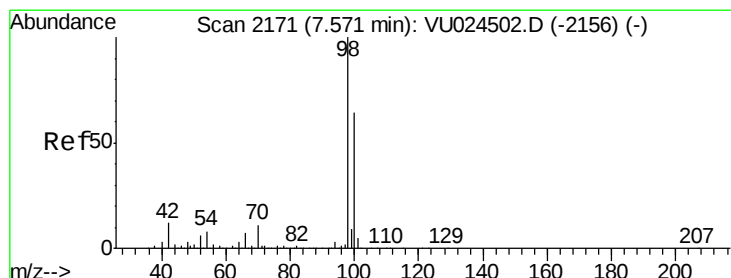
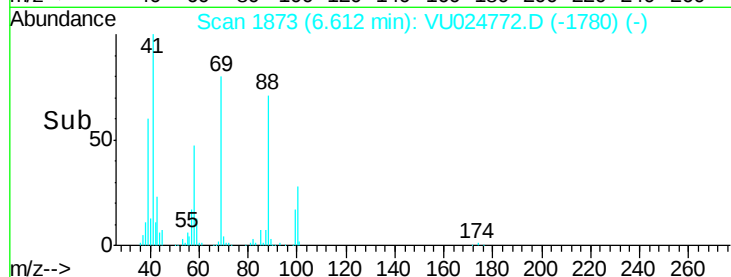
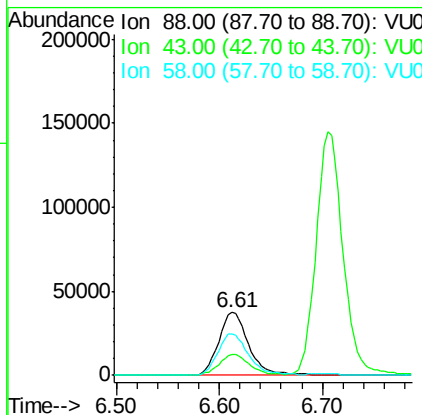
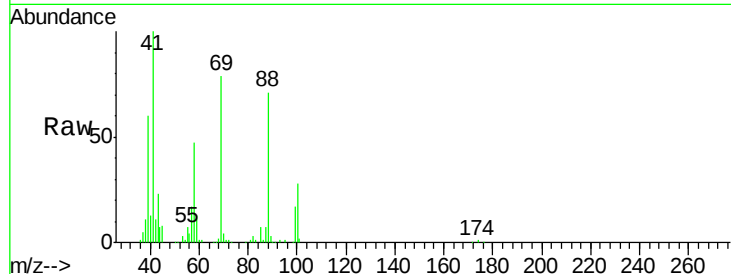
ClientSampleId :

TPTW-04MSD

Tot Ion:	88	Resp:	74728
Ion	Ratio	Lower	Upper
88	100		
43	32.7	28.6	42.8
58	69.0	58.2	87.4

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#50

Toluene-d8

Concen: 46.37 ug/l

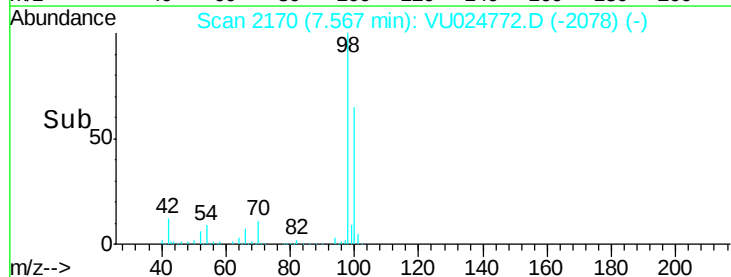
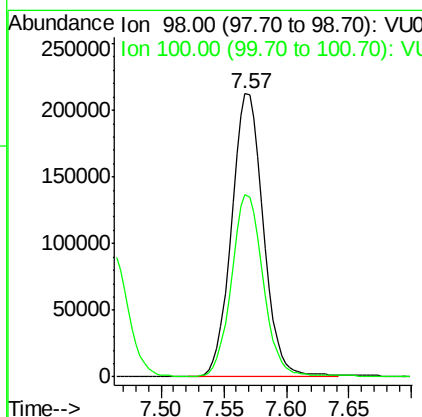
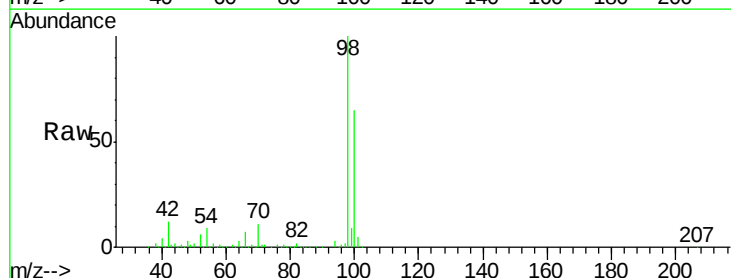
RT: 7.57 min Scan# 2170

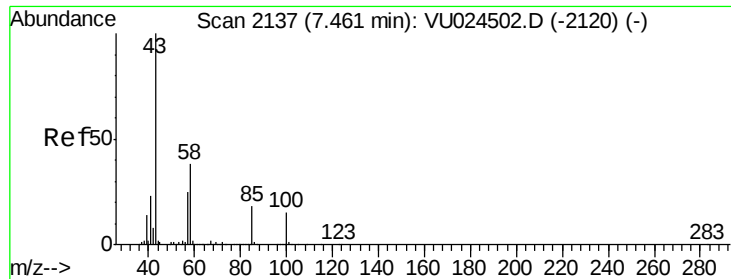
Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Tgt Ion:	98	Resp:	374776
Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 285.66 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

Tot Ion: 43 Resp: 1060765

Ion Ratio Lower Upper

43 100

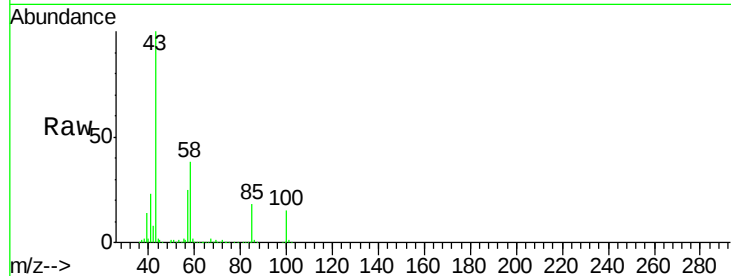
58 38.3 30.0 45.0

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

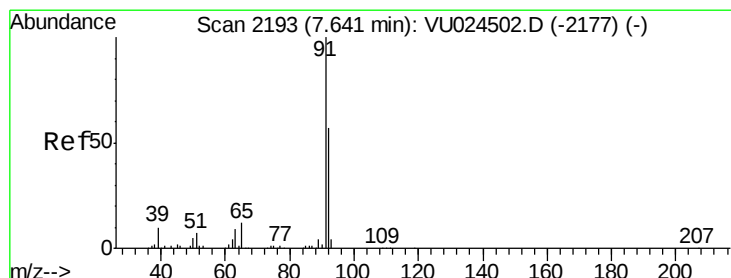
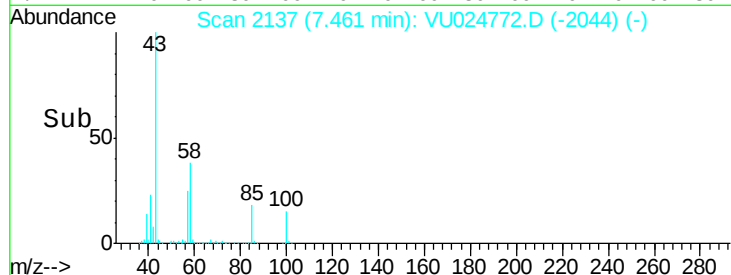
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.52 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024772.D

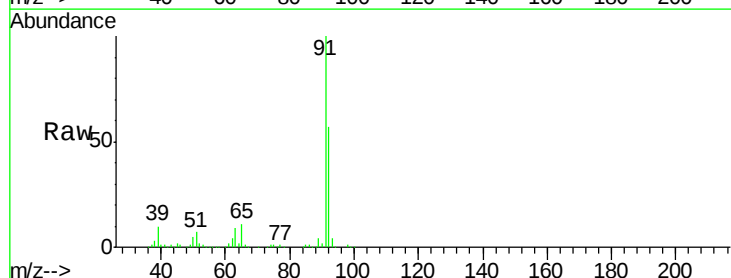
Acq: 20 Jun 2018 21:10

Tgt Ion: 92 Resp: 284817

Ion Ratio Lower Upper

92 100

91 175.1 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

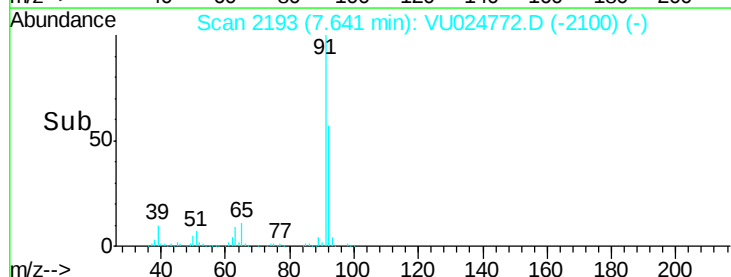
300000

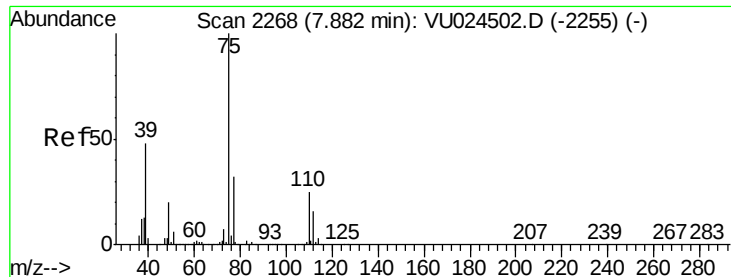
200000

100000

0

Time-->





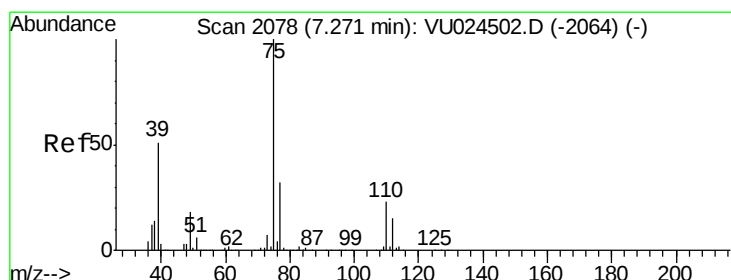
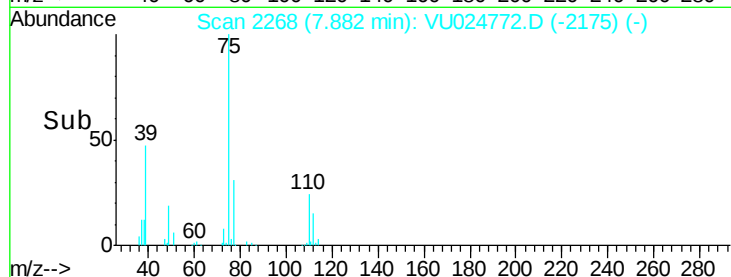
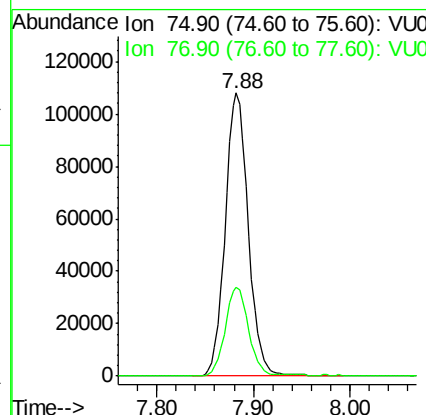
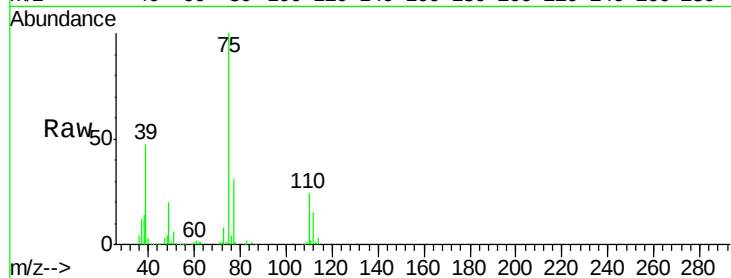
#53
t-1,3-Dichloropropene
Concen: 47.60 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.8	37.2

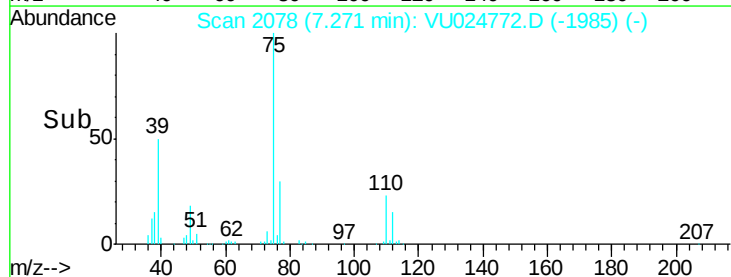
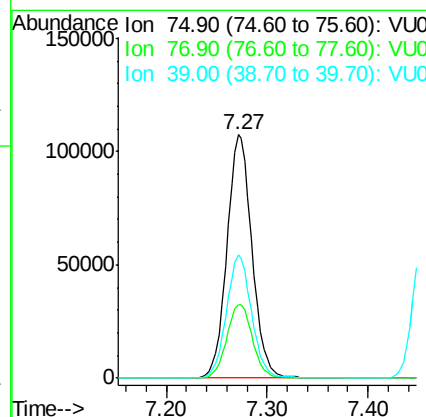
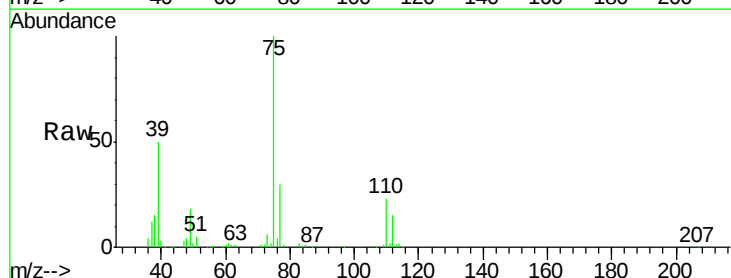
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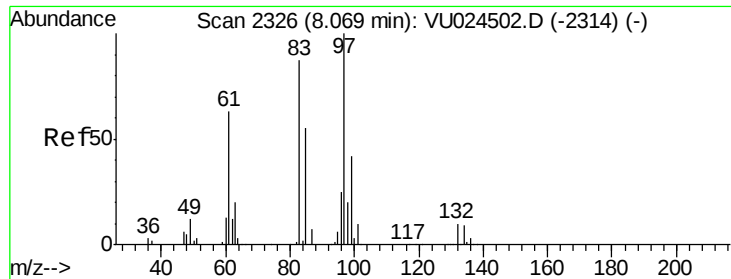
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#54
cis-1,3-Dichloropropene
Concen: 46.59 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	24.6	36.8
39	50.5	39.8	59.6





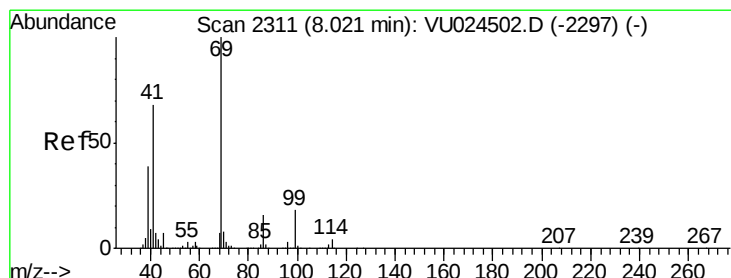
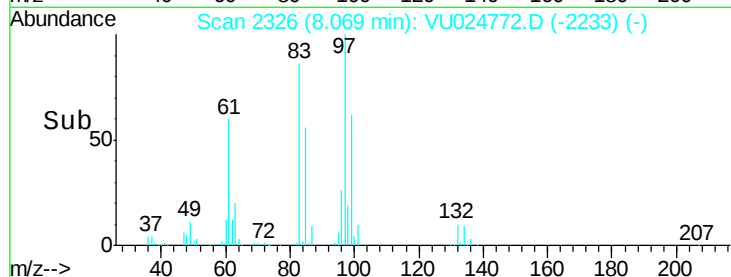
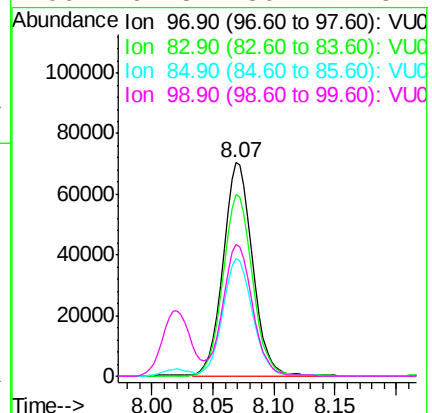
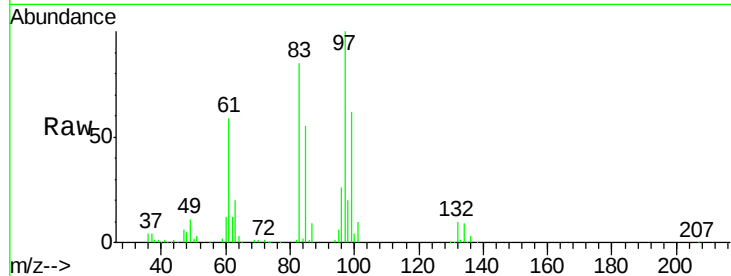
#55
 1,1,2-Trichloroethane
 Concen: 50.86 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

Tot Ion	97	Resp	118902
Ion	Ratio	Lower	Upper
97	100		
83	85.1	70.5	105.7
85	55.2	46.4	69.6
99	61.8	50.2	75.2

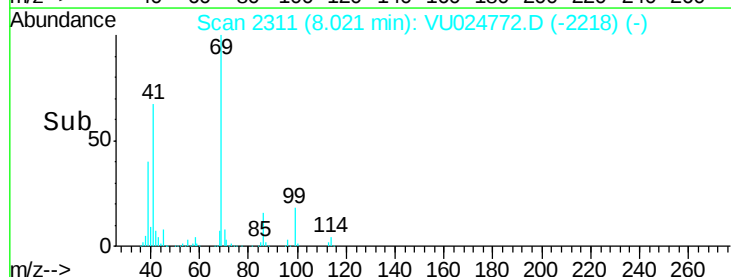
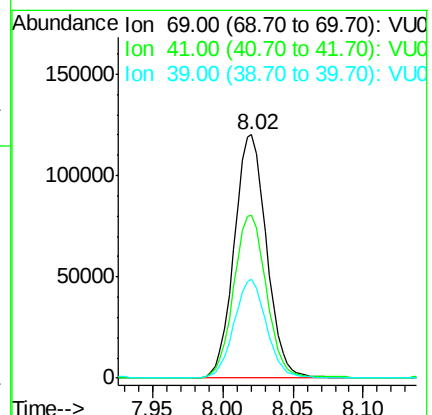
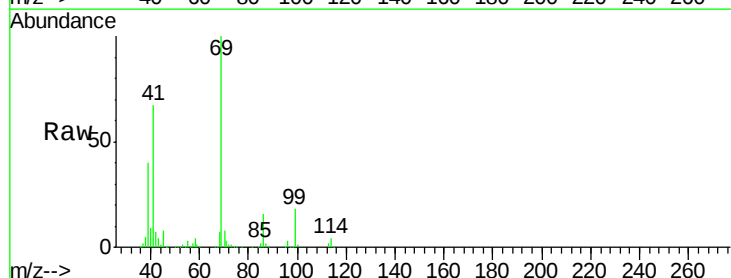
Manual Integrations
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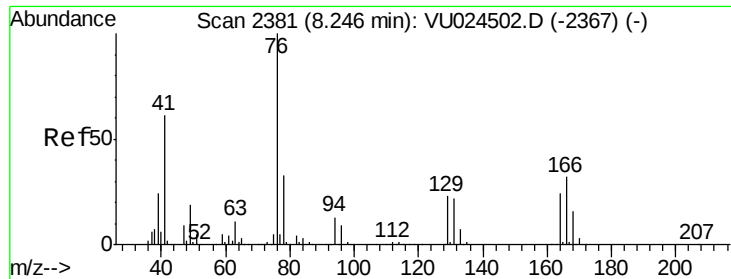
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#56
 Ethyl methacrylate
 Concen: 49.45 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Tgt Ion	69	Resp	193486
Ion	Ratio	Lower	Upper
69	100		
41	67.4	54.1	81.1
39	40.1	30.3	45.5





#57

1,3-Dichloropropane

Concen: 50.84 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampled :

TPTW-04MSD

Tot Ion: 76 Resp: 200497

Ion Ratio Lower Upper

76 100

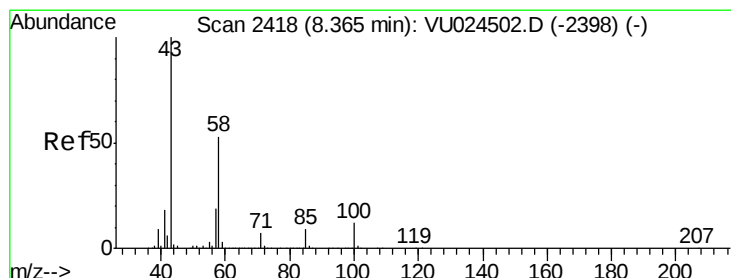
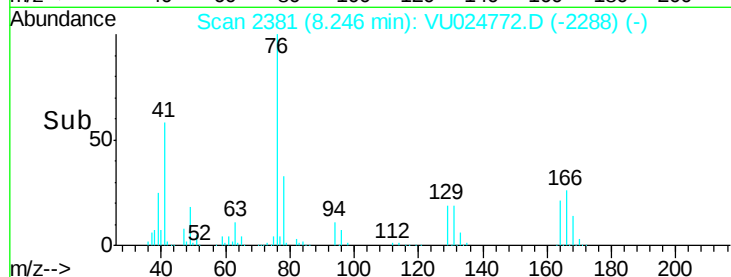
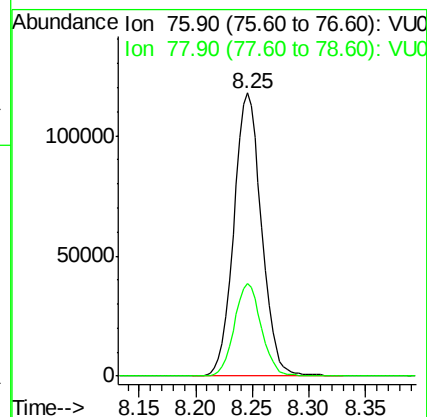
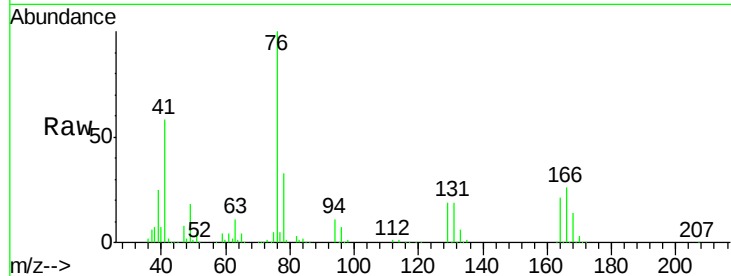
78 32.0 25.2 37.8

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#59

2-Hexanone

Concen: 279.71 ug/l

RT: 8.36 min Scan# 2417

Delta R.T. -0.00 min

Lab File: VU024772.D

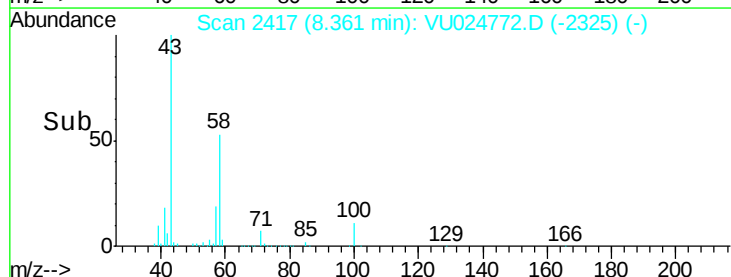
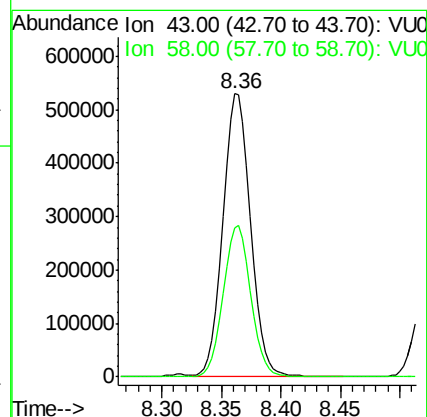
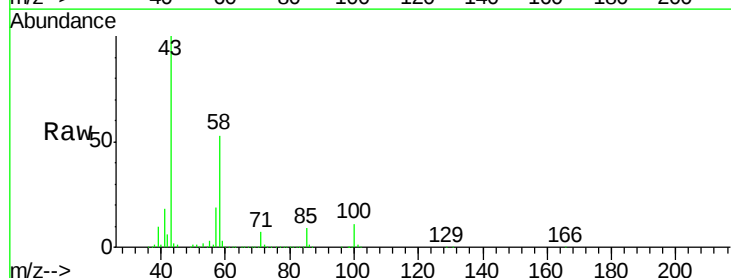
Acq: 20 Jun 2018 21:10

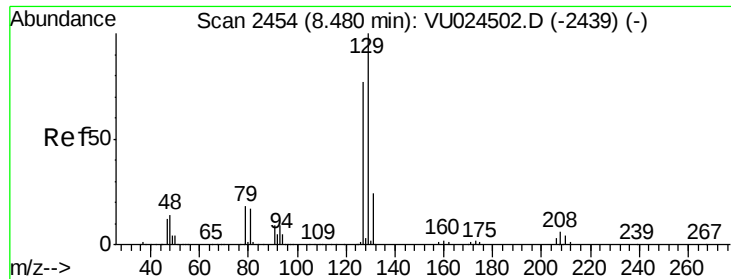
Tgt Ion: 43 Resp: 847957

Ion Ratio Lower Upper

43 100

58 53.6 26.4 79.0





#60

Dibromochloromethane

Concen: 47.73 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

Tot Ion:129 Resp: 139157

Ion Ratio Lower Upper

129 100

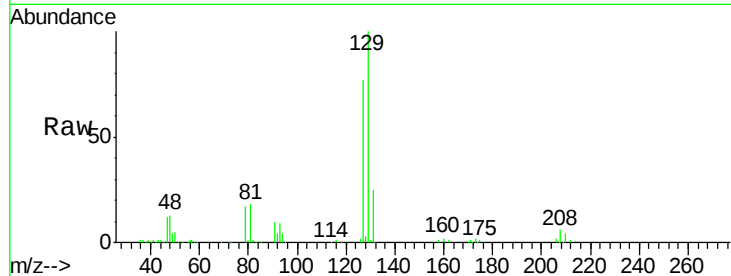
127 77.0 38.6 116.0

Manual Integrations

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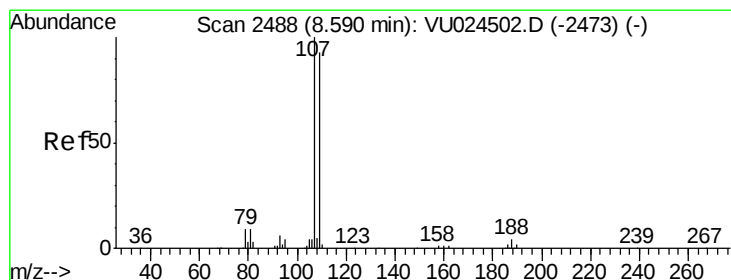
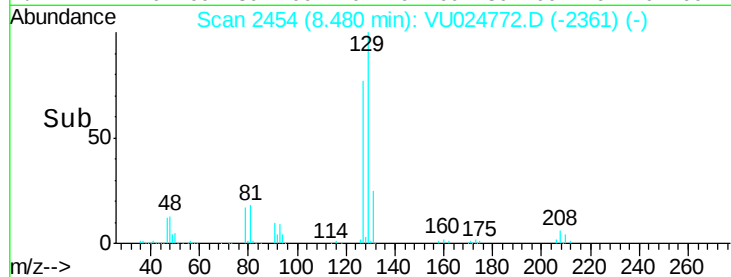
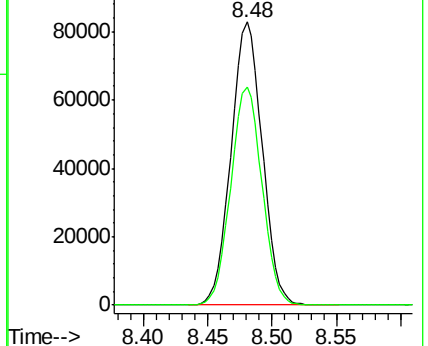
apatel

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.67 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024772.D

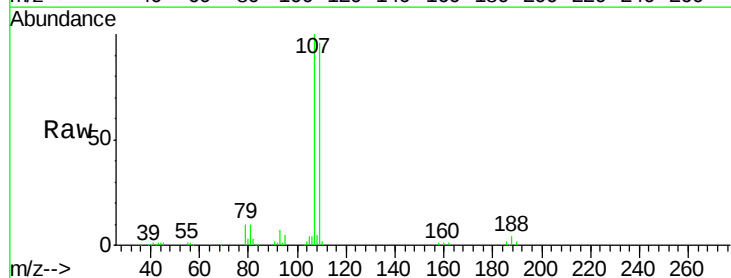
Acq: 20 Jun 2018 21:10

Tgt Ion:107 Resp: 131859

Ion Ratio Lower Upper

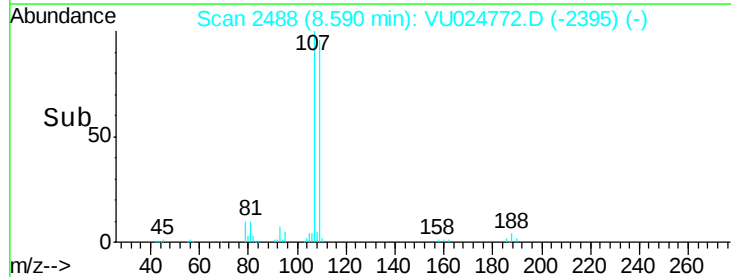
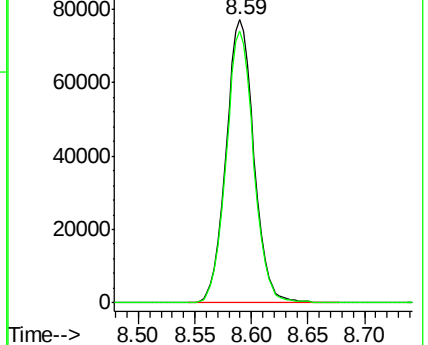
107 100

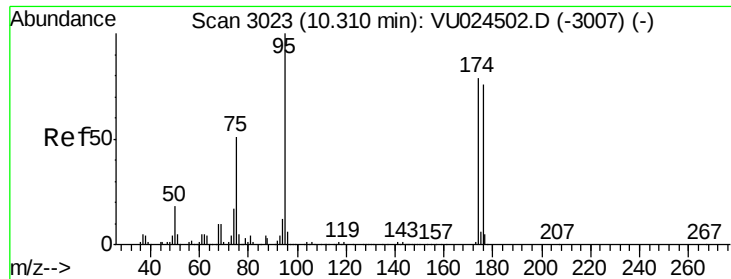
109 94.8 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 45.92 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

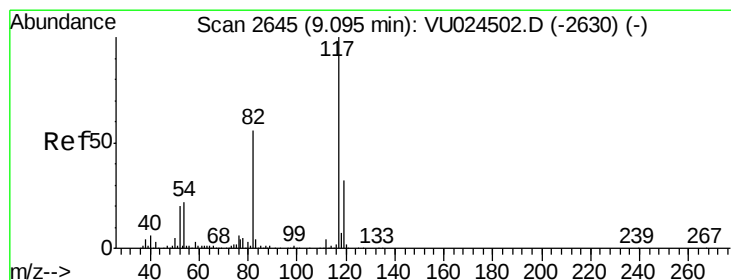
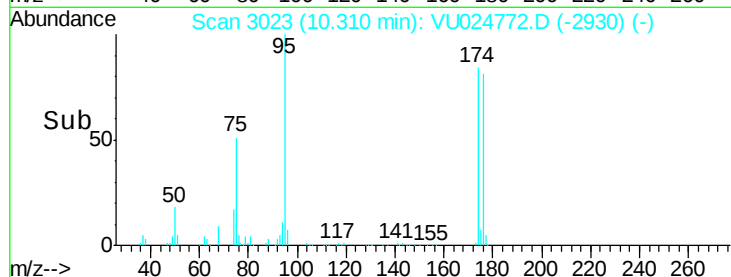
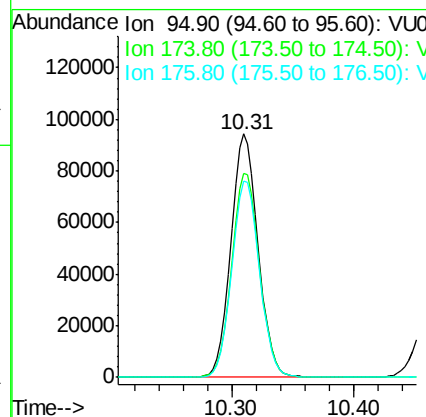
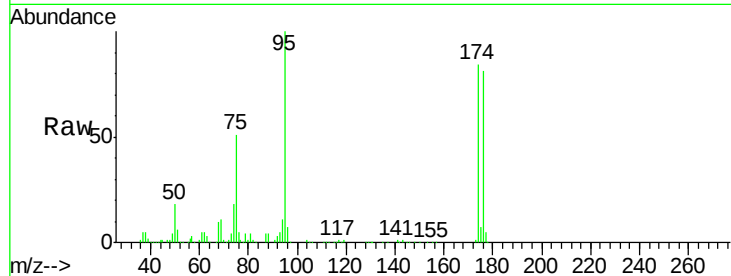
ClientSampleId :

TPTW-04MSD

Tot Ion:	95	Resp:	147353
Ion Ratio	Lower	Upper	
95	100		
174	85.6	0.0	165.8
176	82.0	0.0	159.4

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

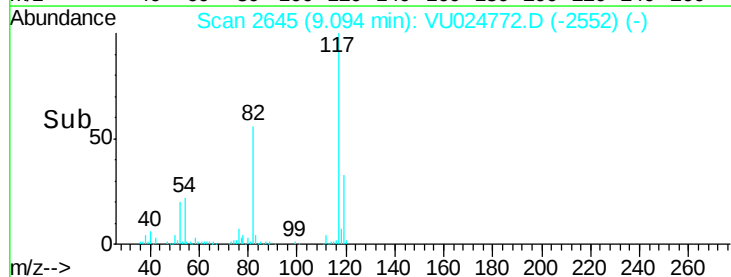
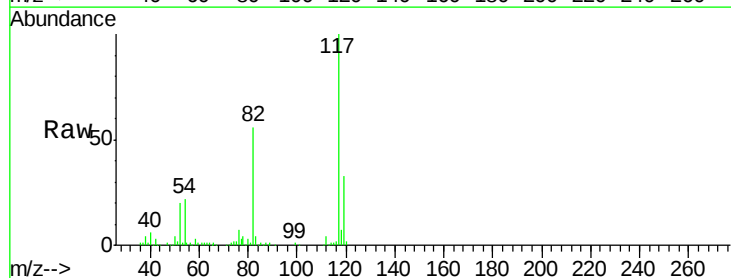
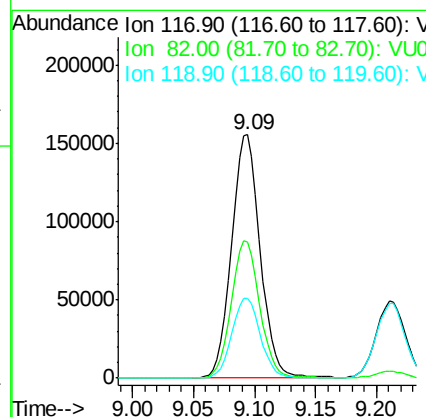
RT: 9.09 min Scan# 2645

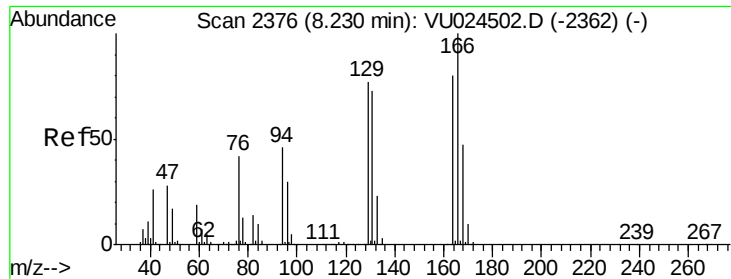
Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Tgt Ion:	117	Resp:	255679
Ion Ratio	Lower	Upper	
117	100		
82	56.1	44.3	66.5
119	33.0	25.4	38.2





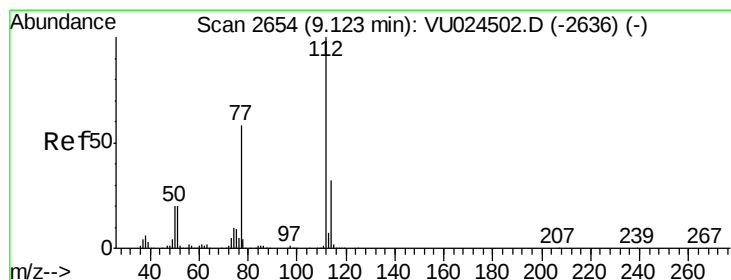
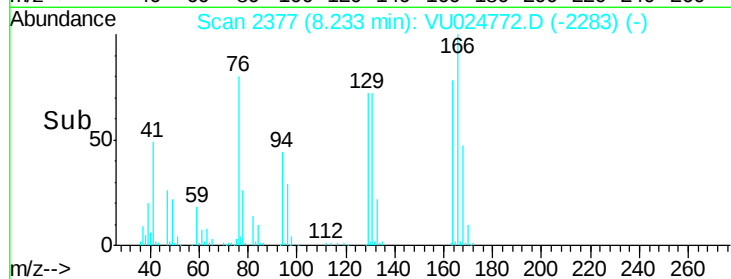
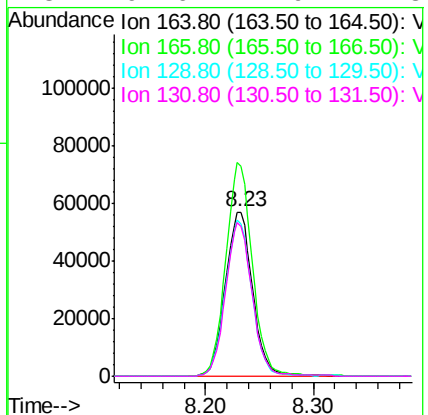
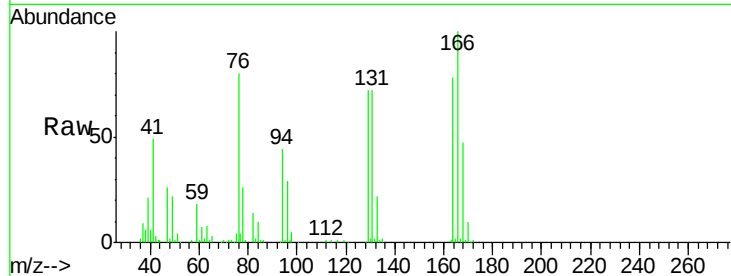
#64
Tetrachloroethene
Concen: 41.28 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.1	101.7	152.5
129	92.8	76.9	115.3
131	91.6	74.9	112.3

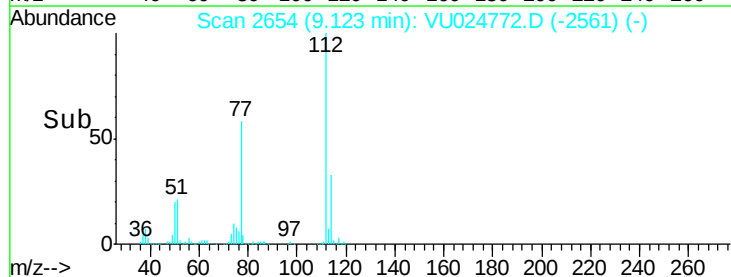
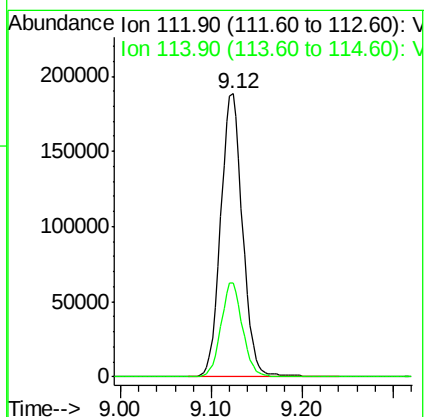
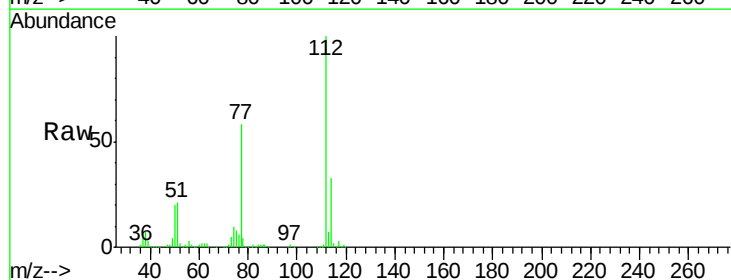
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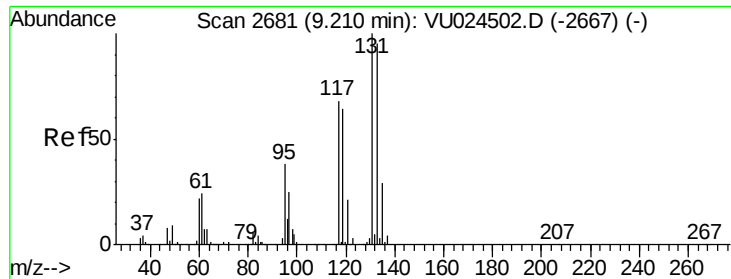
apatel
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#65
Chlorobenzene
Concen: 48.14 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.6	38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 49.06 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

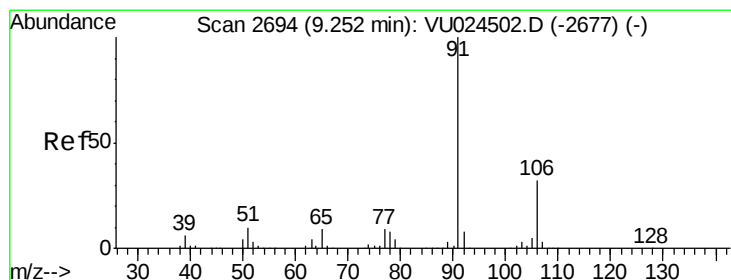
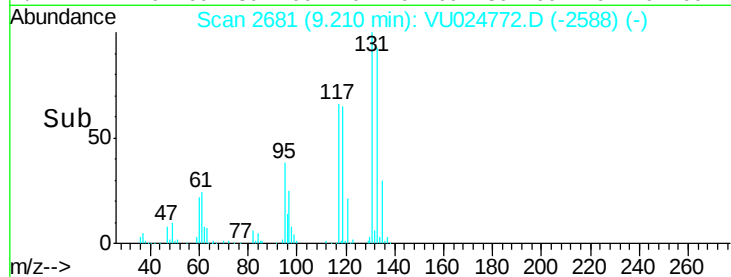
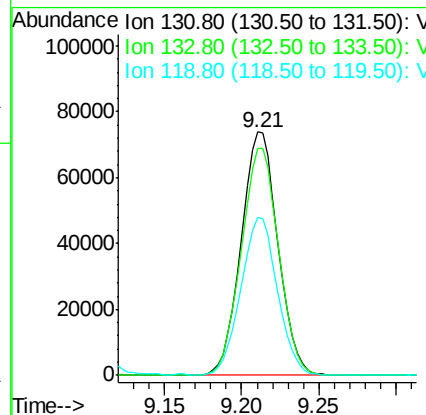
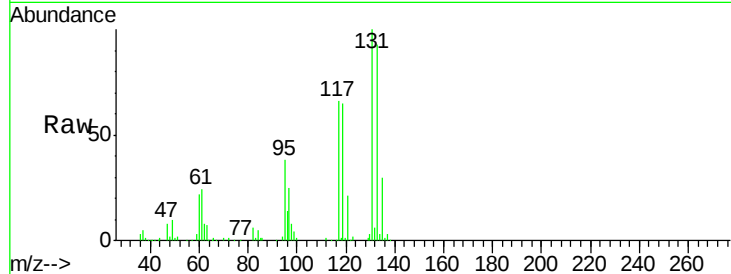
ClientSampleId :

TPTW-04MSD

Tot Ion:	131	Resp:	121755
Ion Ratio	Lower	Upper	
131	100		
133	95.1	46.9	140.8
119	64.7	33.5	100.4

Manual Integrations
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#67

Ethyl Benzene

Concen: 47.51 ug/l

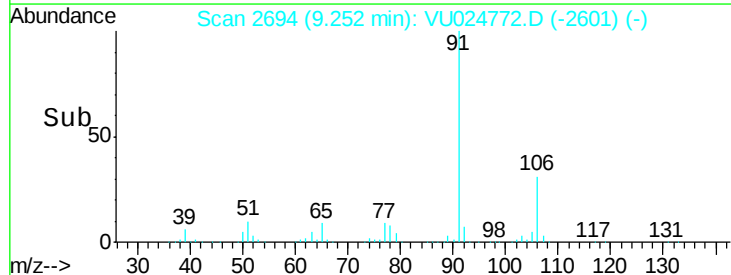
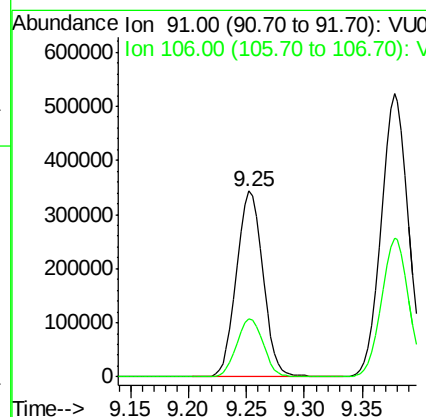
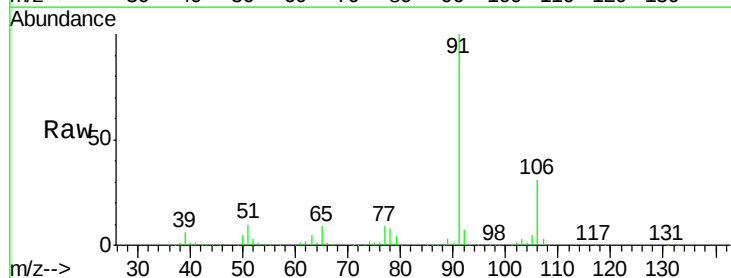
RT: 9.25 min Scan# 2694

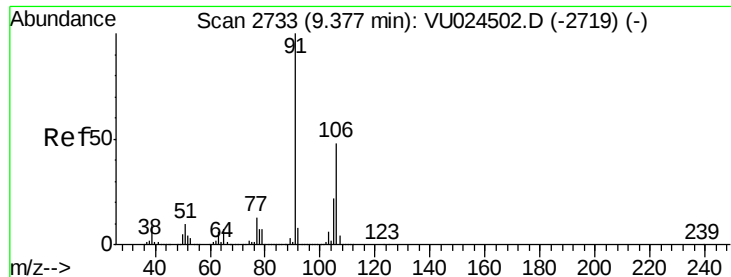
Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Tgt Ion:	91	Resp:	543973
Ion Ratio	Lower	Upper	
91	100		
106	31.1	24.2	36.4





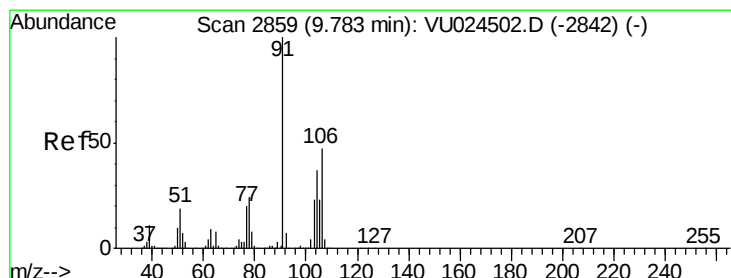
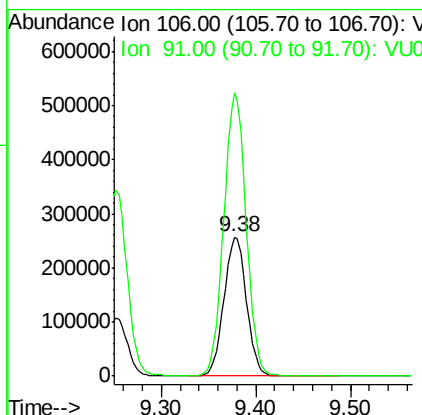
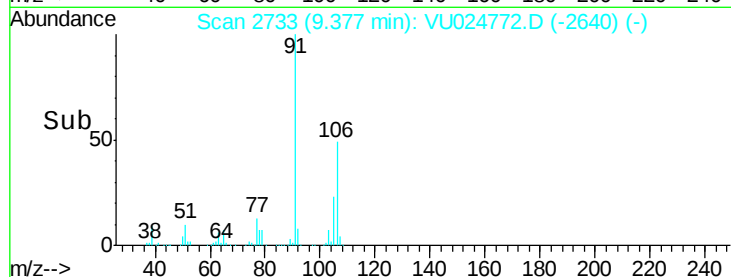
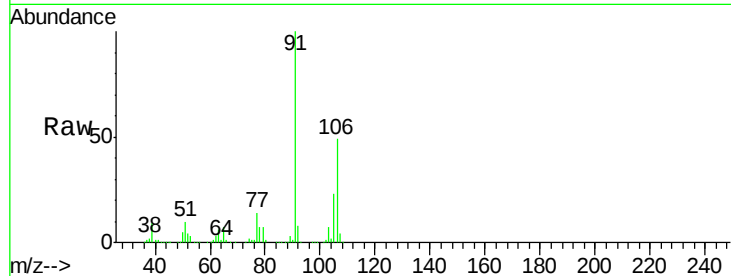
#68
m/p-Xylenes
Concen: 96.91 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
426133	106	100			
	91	201.4	166.5	249.7	

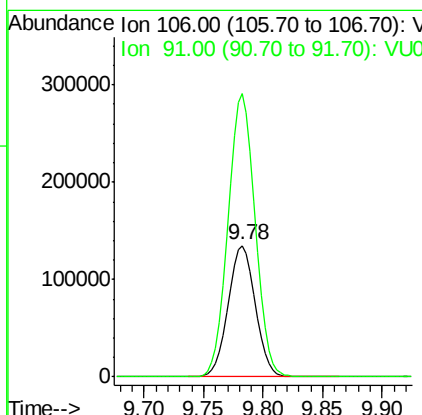
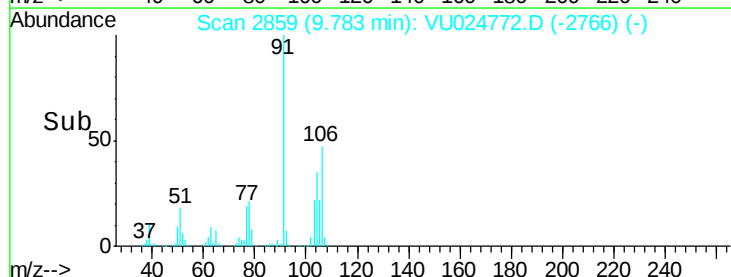
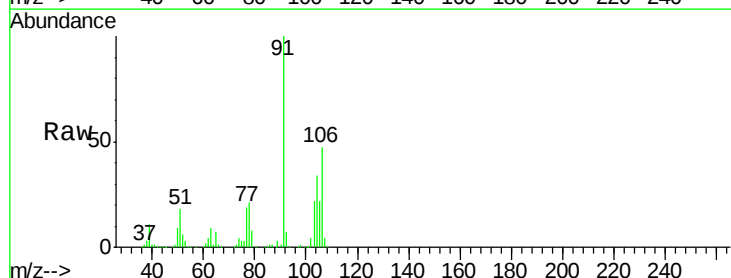
Manual Integrations
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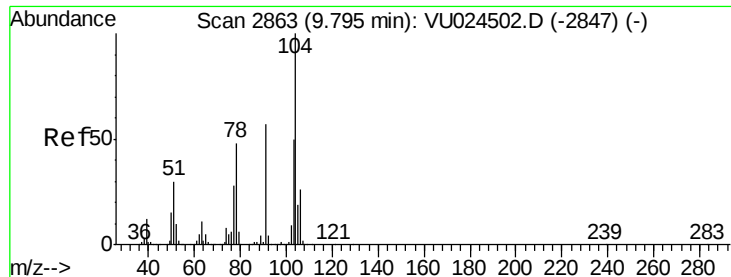
apatel
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#69
o-Xylene
Concen: 48.99 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
213164	106	100			
	91	215.2	110.7	331.9	





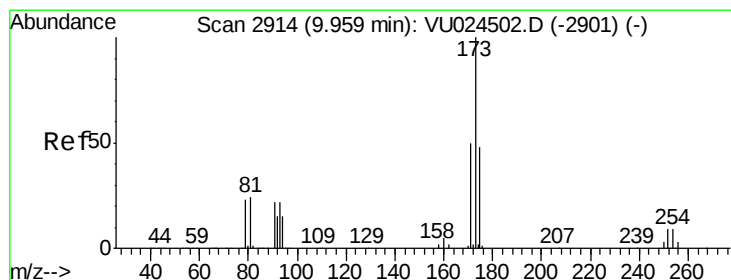
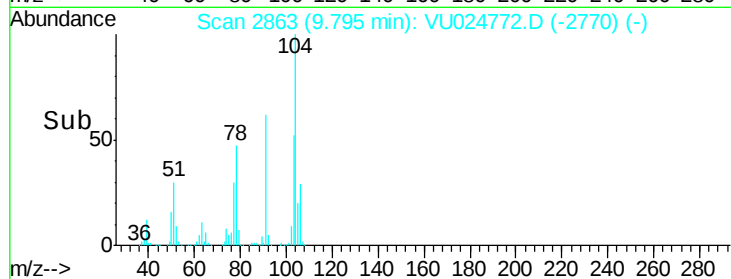
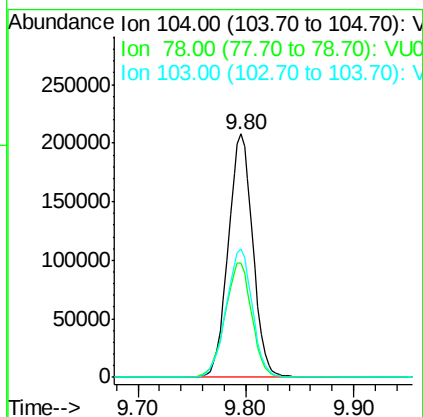
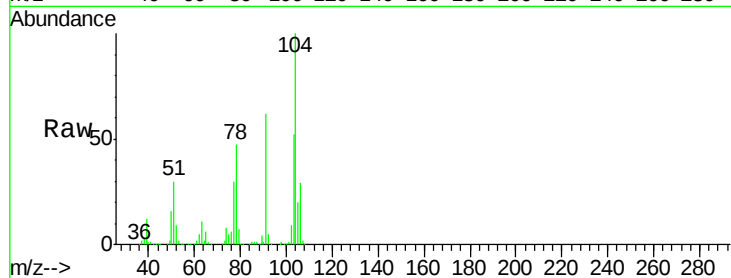
#70
Stvrene
Concen: 46.18 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Instrument :
MSVOA_U
ClientSampled :
TPTW-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	330254		
78	51.1		40.6	60.8
103	56.2		44.7	67.1

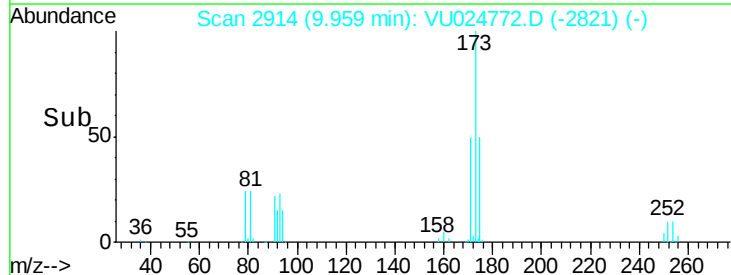
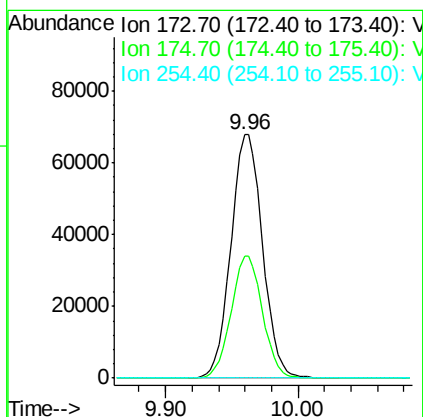
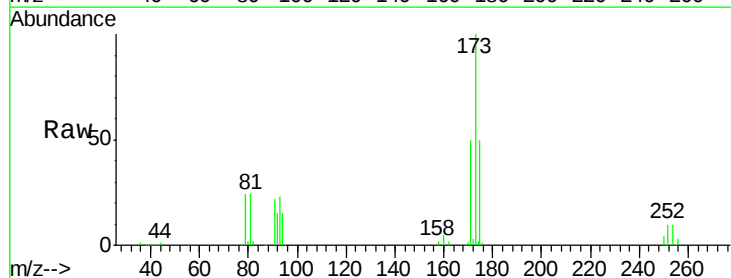
Manual Integrations
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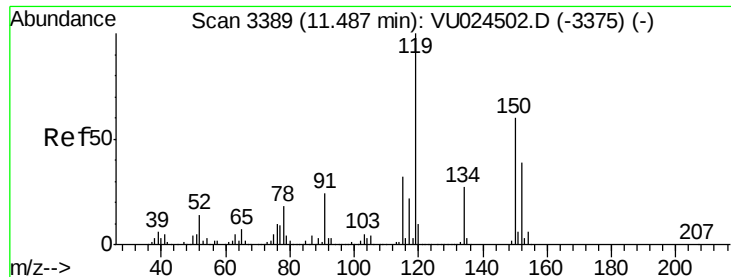
apatel
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#71
Bromoform
Concen: 47.61 ug/l
RT: 9.96 min Scan# 2914
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	112304		
175	49.5		24.6	74.0
254	0.1		0.0	0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

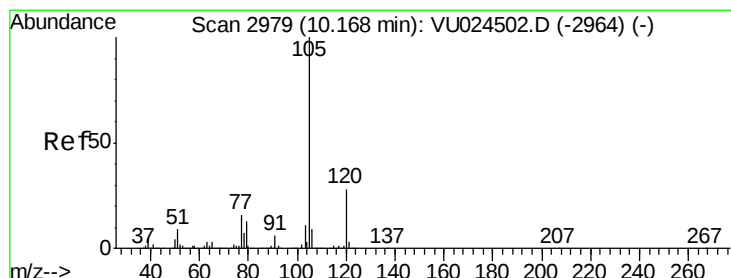
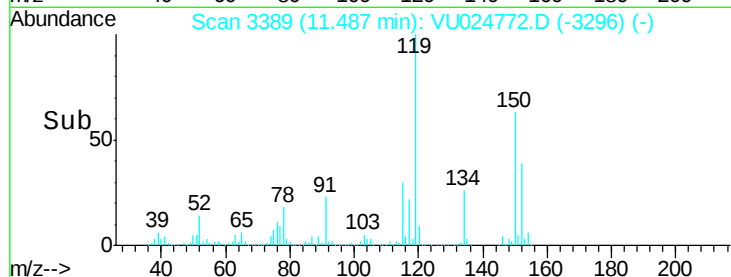
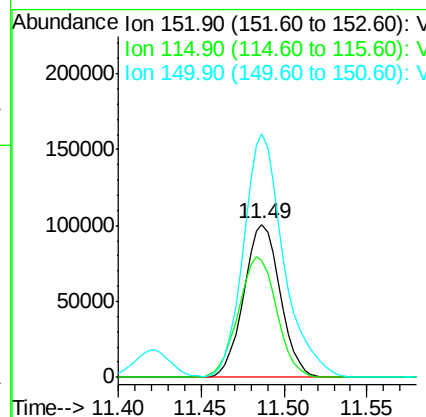
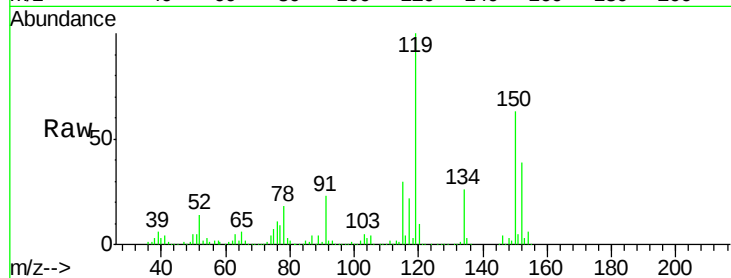
ClientSampleId :

TPTW-04MSD

Tot Ion:	152	Resp:	153491
Ion Ratio	Lower	Upper	
152	100		
115	82.9	43.0	129.0
150	175.0	0.0	354.0

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#73

Isopropylbenzene

Concen: 47.47 ug/l

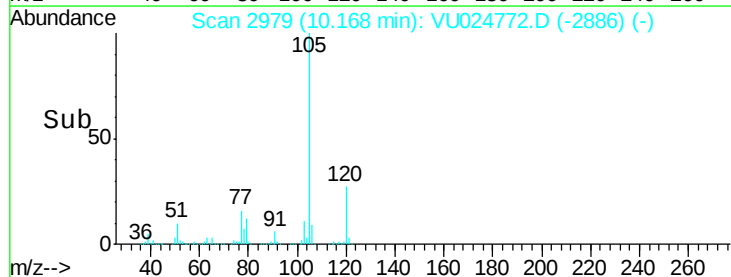
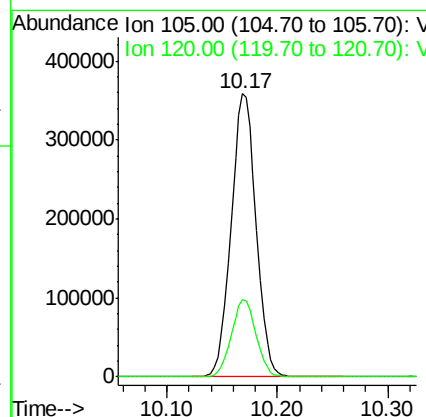
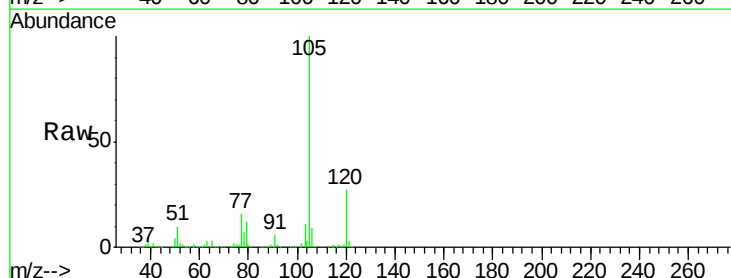
RT: 10.17 min Scan# 2979

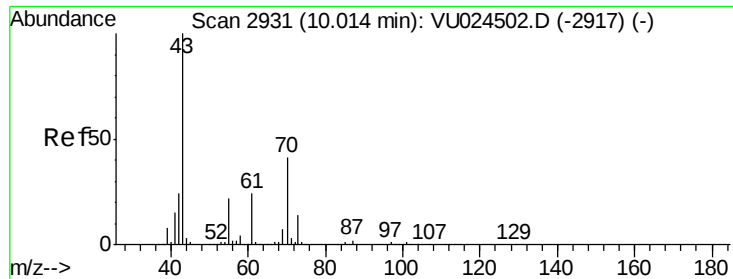
Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Tgt Ion:	105	Resp:	559448
Ion Ratio	Lower	Upper	
105	100		
120	27.1	13.2	39.6





#74

N-amvl acetate

Concen: 52.22 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

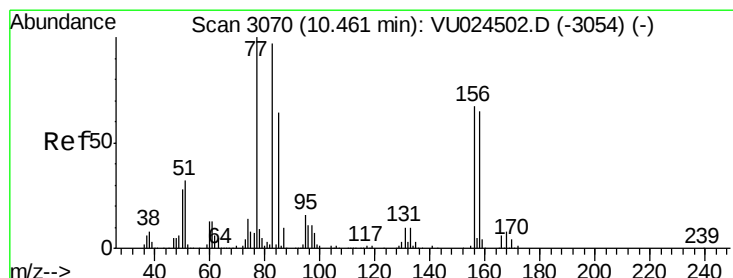
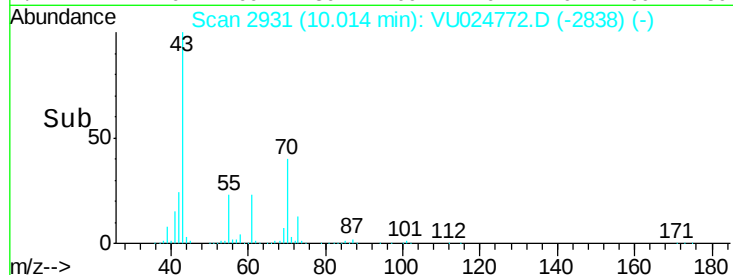
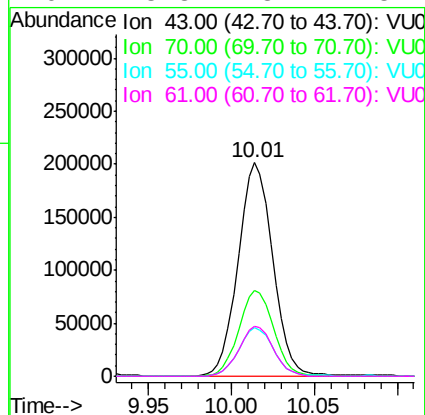
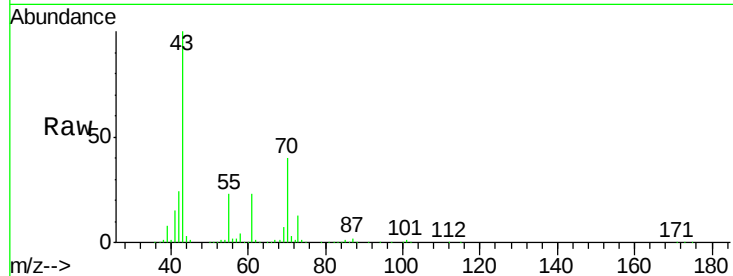
ClientSampleId :

TPTW-04MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	43	100			
70	70	40.7	32.2	48.4	
55	55	23.0	20.5	30.7	
61	61	23.3	18.7	28.1	

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#75

1,1,2,2-Tetrachloroethane

Concen: 52.96 ug/l

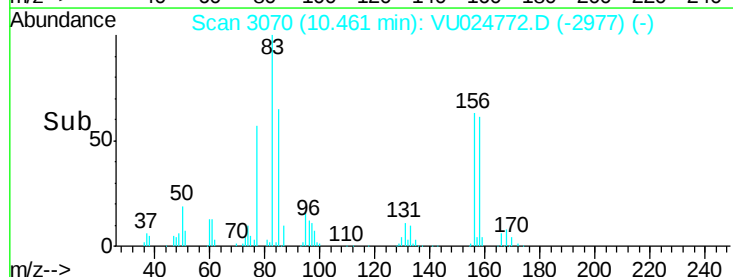
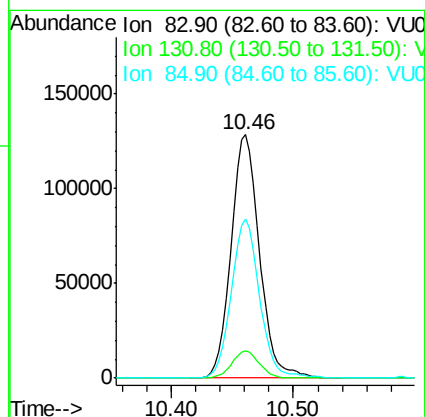
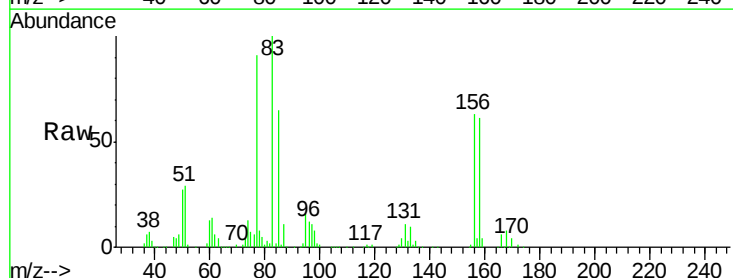
RT: 10.46 min Scan# 3070

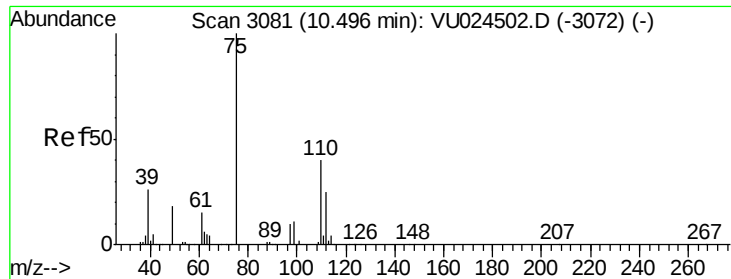
Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	83	100			
131	131	10.6	4.7	14.1	
85	85	65.1	32.5	97.5	





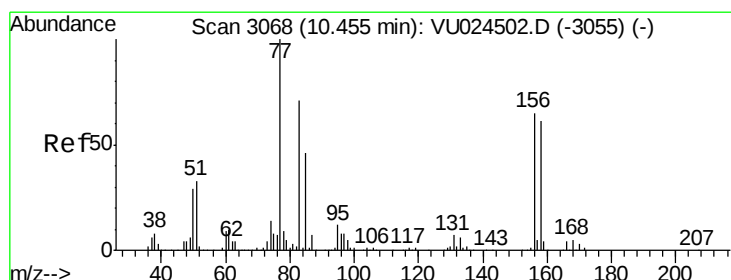
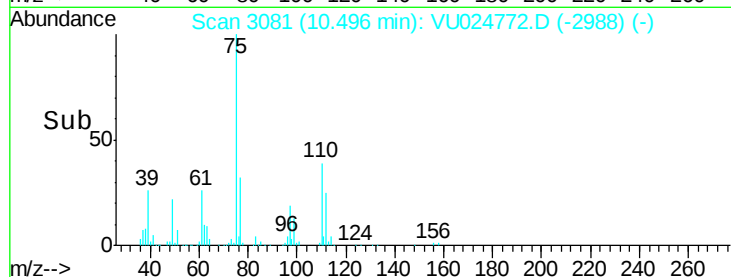
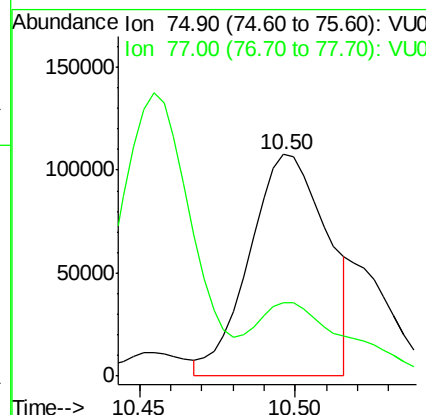
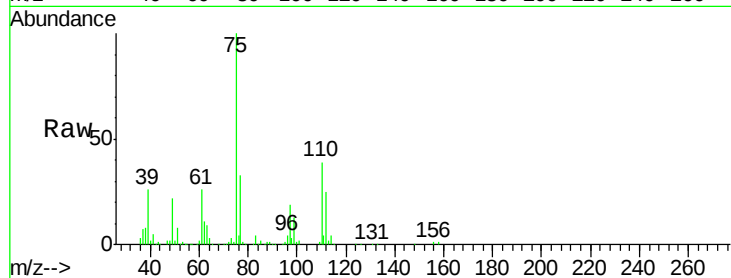
#76
 1,2,3-Trichloropropane
 Concen: 55.05 ug/l m
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

Tot Ion: 75 Resp: 186045
 Ion Ratio Lower Upper
 75 100
 77 38.7 20.9 62.7

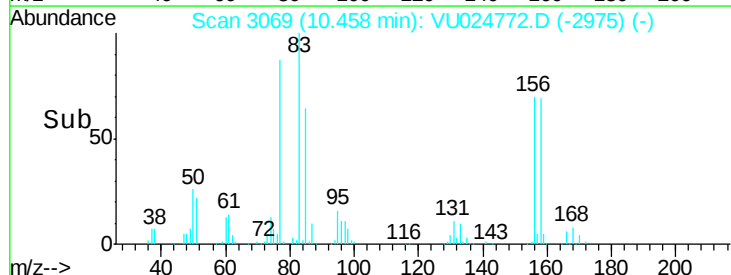
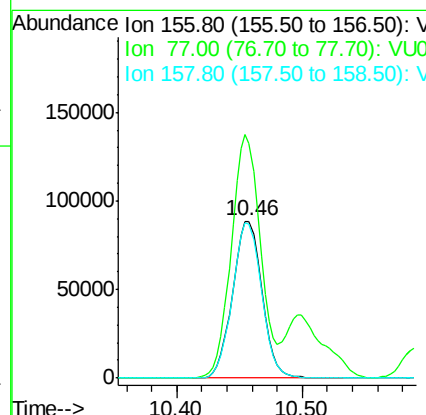
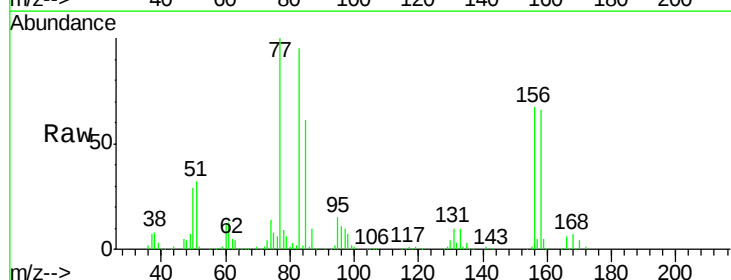
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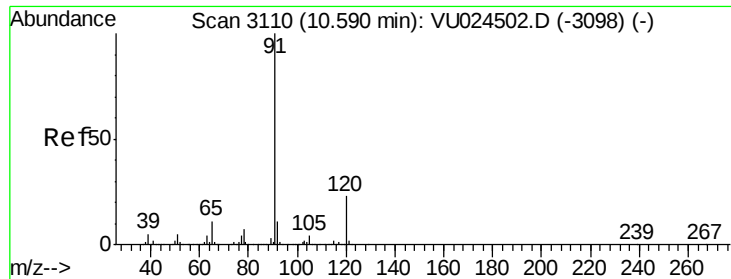
apatel
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#77
 Bromobenzene
 Concen: 48.22 ug/l
 RT: 10.46 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Tgt Ion: 156 Resp: 143871
 Ion Ratio Lower Upper
 156 100
 77 153.5 80.5 241.3
 158 98.4 48.2 144.6





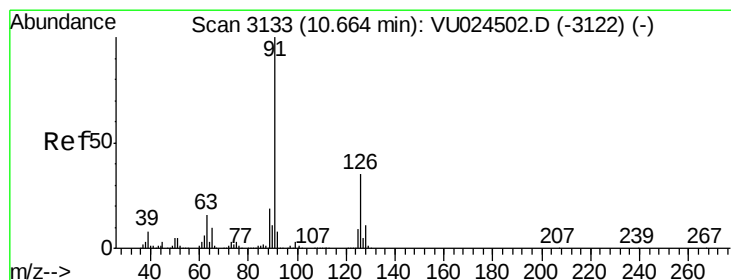
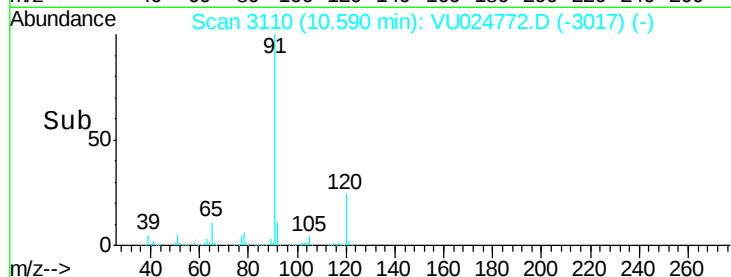
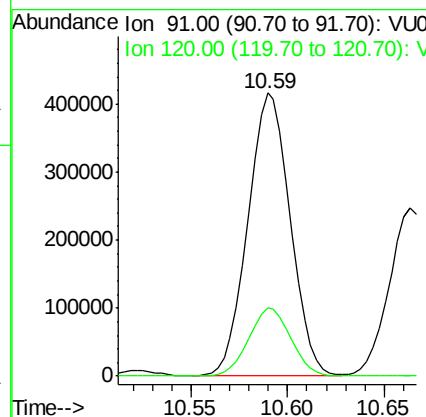
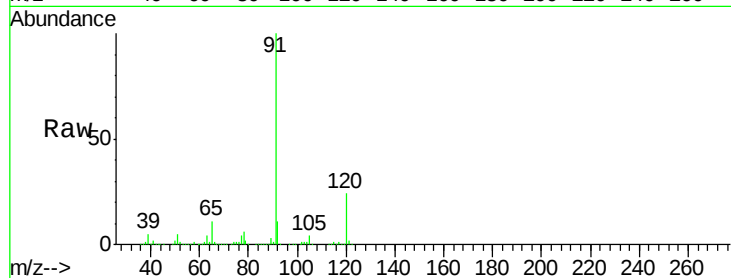
#78
n-propylbenzene
Concen: 45.64 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.2	33.5

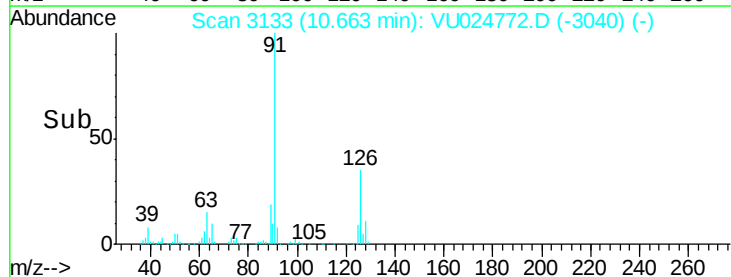
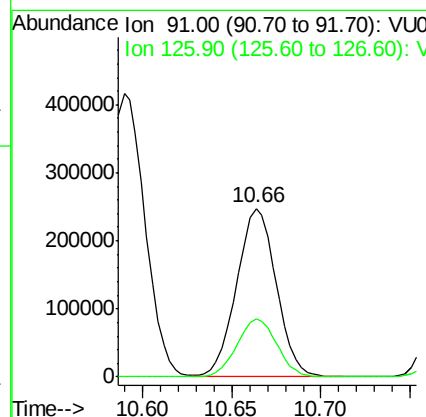
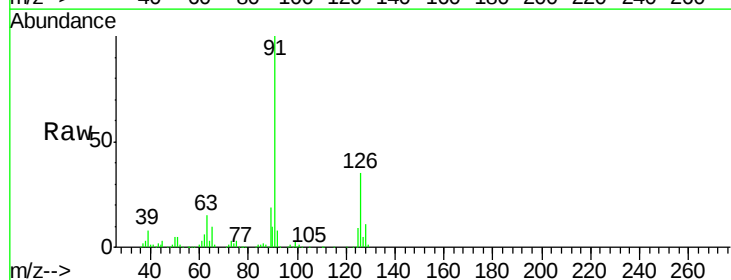
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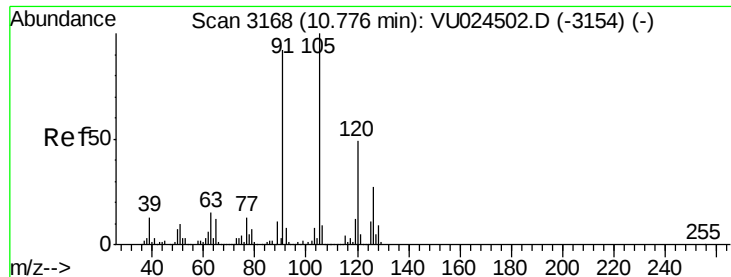
apatel
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#79
2-Chlorotoluene
Concen: 46.52 ug/l
RT: 10.66 min Scan# 3133
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	16.9	50.7





#80

1,3,5-Trimethylbenzene

Concen: 47.14 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

Tot Ion: 105 Resp: 481496

Ion Ratio Lower Upper

105 100

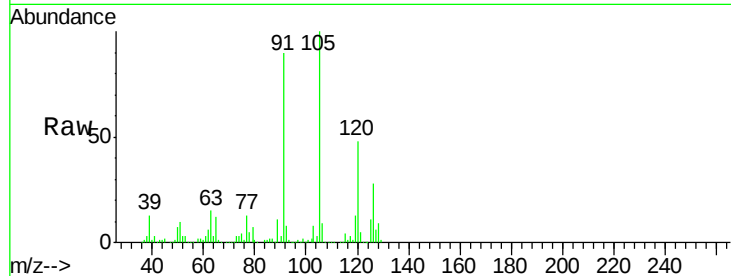
120 48.5 24.1 72.2

Manual Integrations

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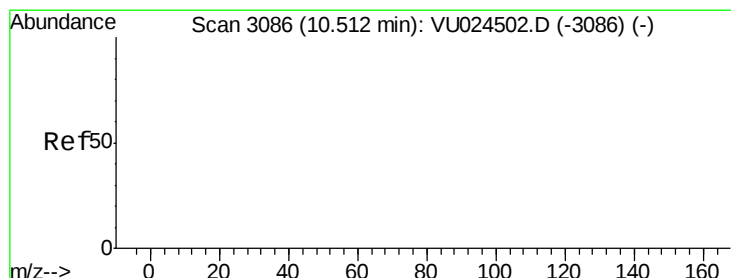
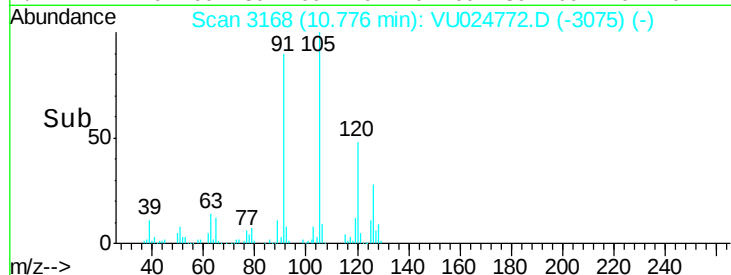
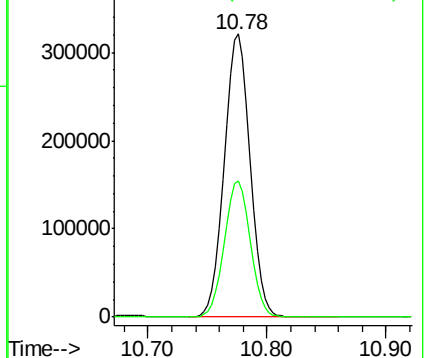
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 43.76 ug/l m

RT: 10.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

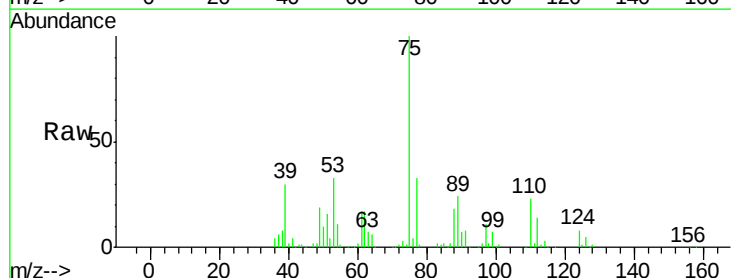
Tgt Ion: 75 Resp: 63889

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

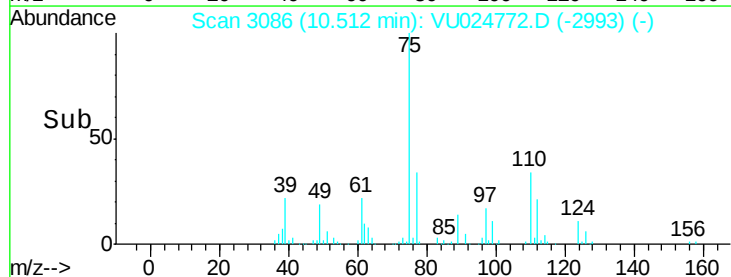
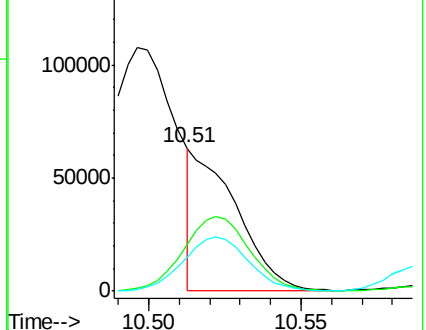
89 0.0 0.0 0.0

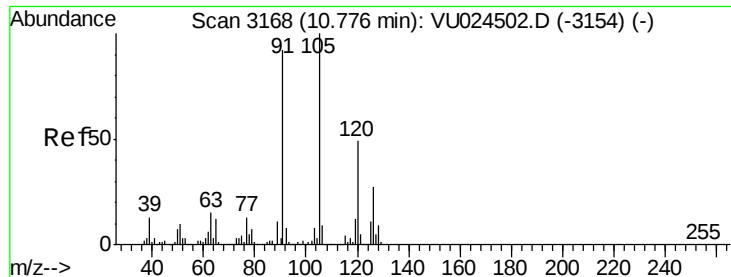


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#82

4-Chlorotoluene

Concen: 46.45 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

Tot Ion: 91 Resp: 442576

Ion Ratio Lower Upper

91 100

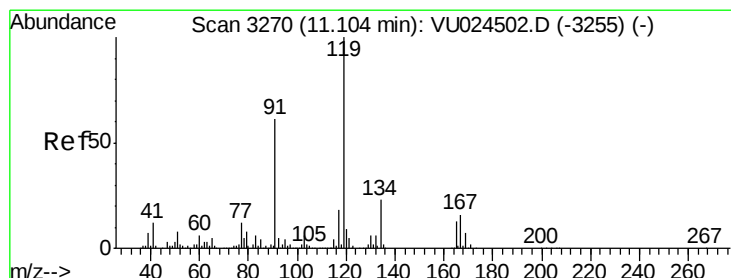
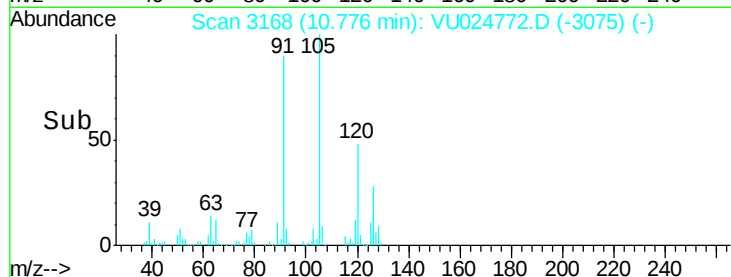
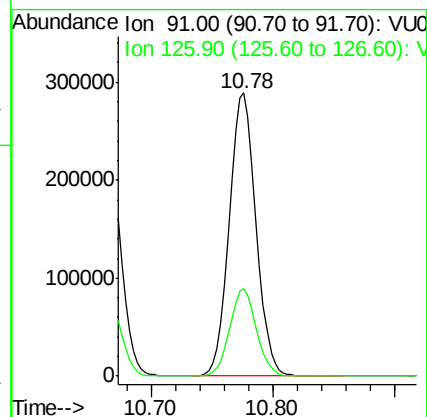
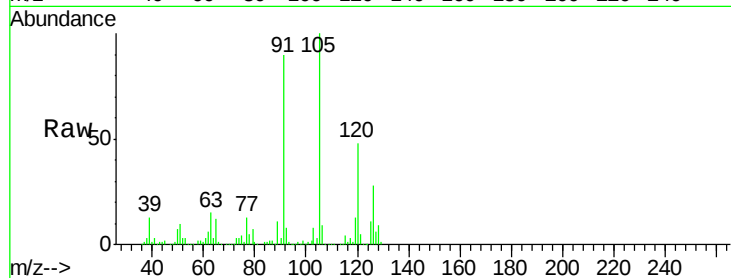
126 30.9 14.9 44.9

Manual Integrations

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#83

tert-Butylbenzene

Concen: 49.11 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

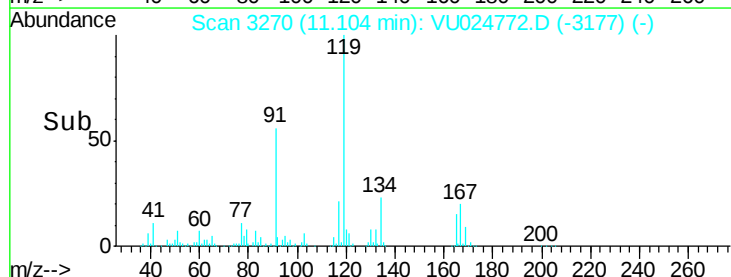
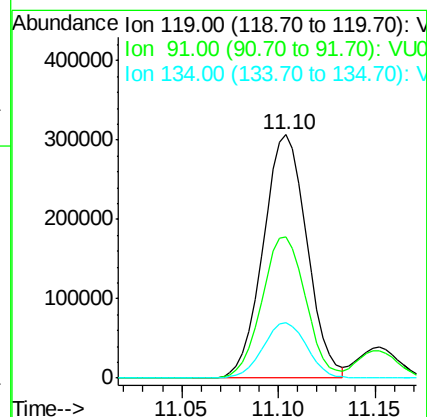
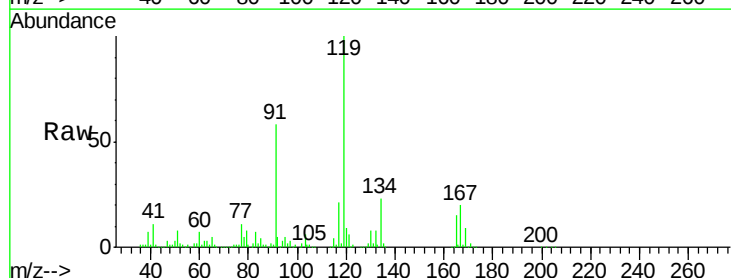
Tgt Ion: 119 Resp: 482490

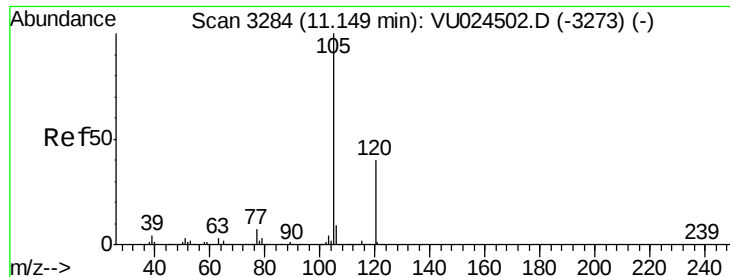
Ion Ratio Lower Upper

119 100

91 58.2 29.7 89.1

134 22.7 11.6 34.7





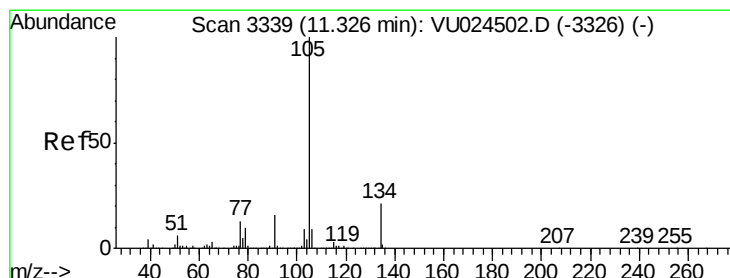
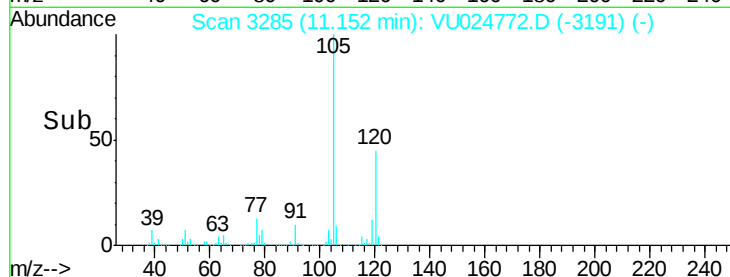
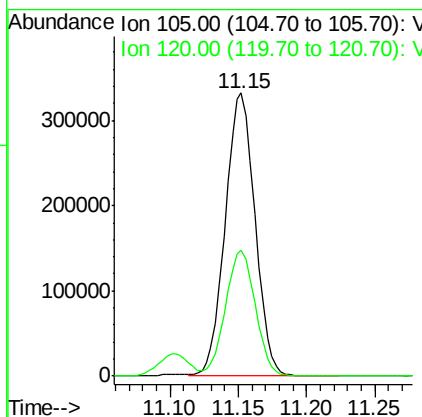
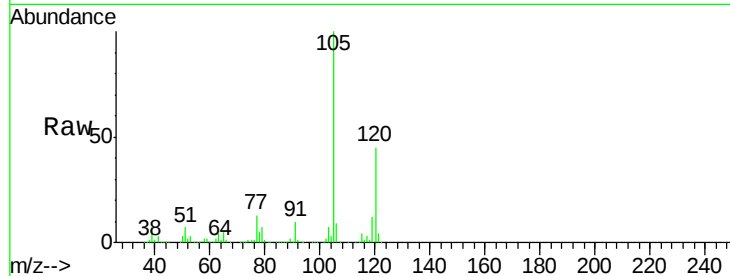
#84
 1,2,4-Trimethylbenzene
 Concen: 48.33 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.6	67.8

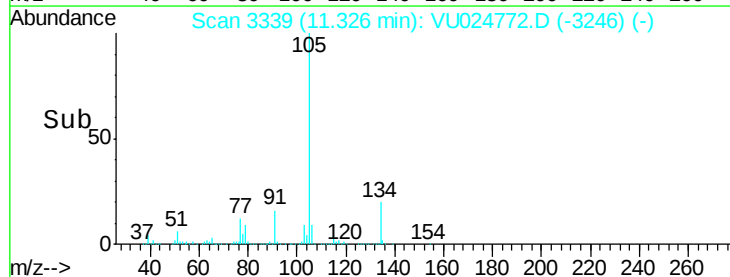
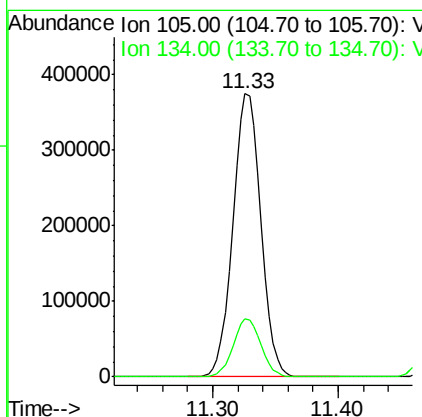
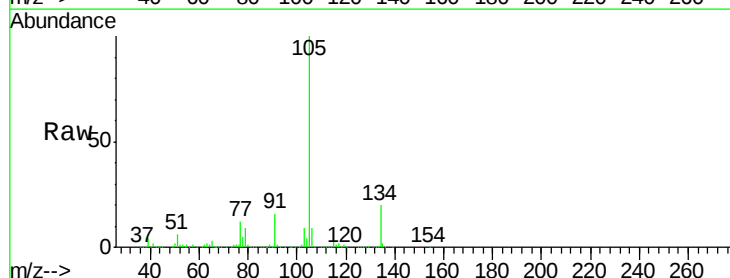
Manual Integrations
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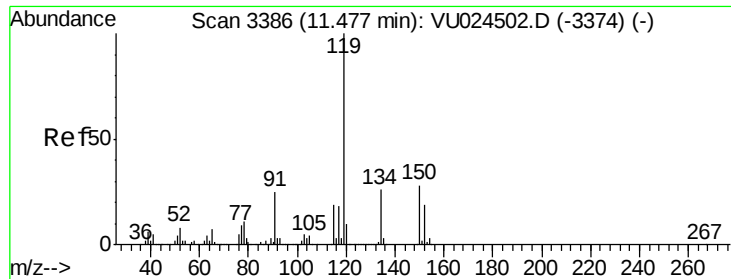
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#85
 sec-Butylbenzene
 Concen: 46.91 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.3	9.7	29.1





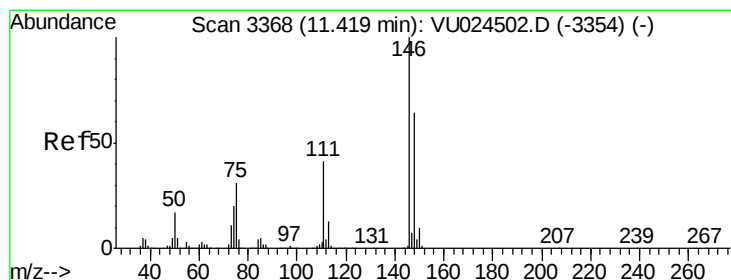
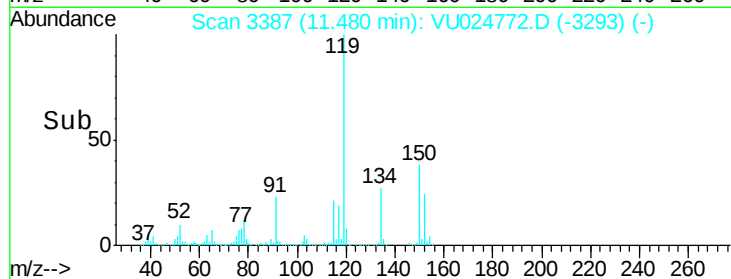
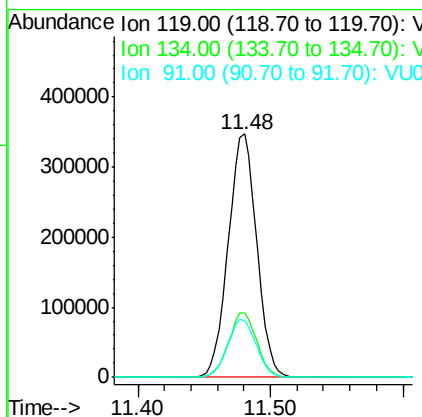
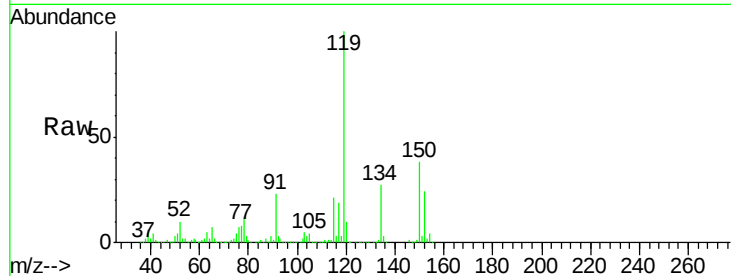
#86
 p-Isopropyltoluene
 Concen: 46.86 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	516181		
134	26.4	12.9	38.6	
91	24.0	12.0	36.1	

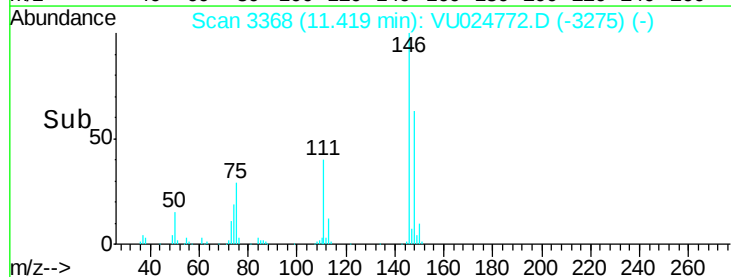
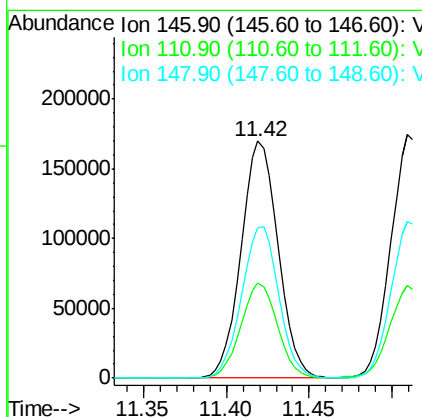
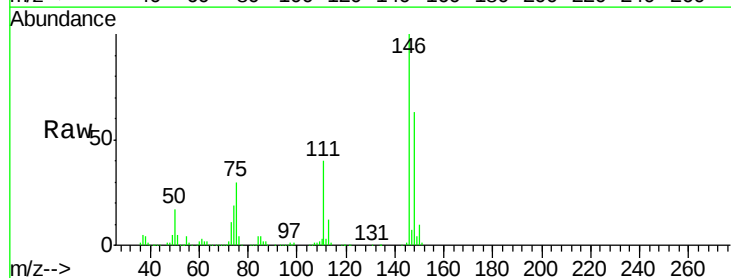
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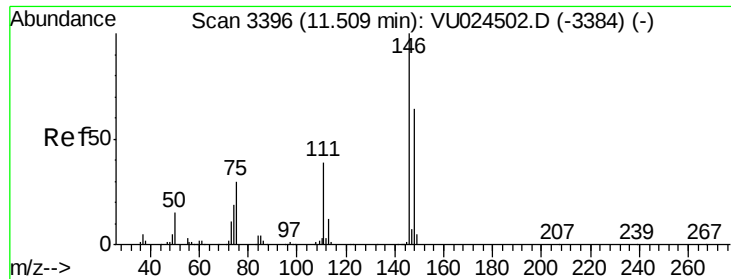
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#87
 1,3-Dichlorobenzene
 Concen: 47.90 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	264026		
111	39.7	20.0	60.0	
148	64.1	32.1	96.5	





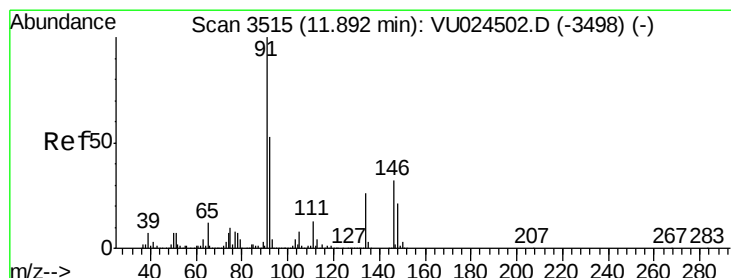
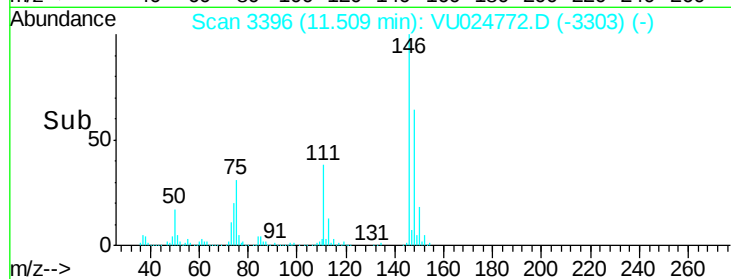
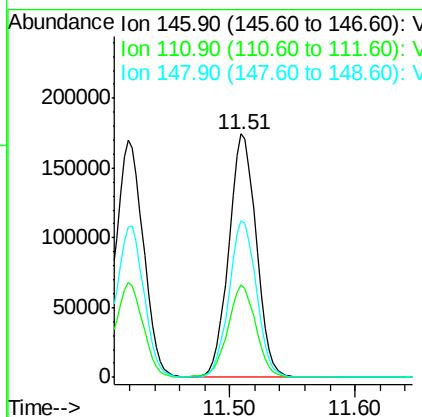
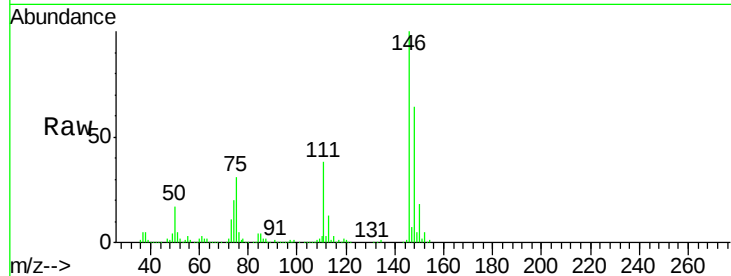
#88
 1,4-Dichlorobenzene
 Concen: 47.91 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.5	58.5
148	64.6	32.4	97.0

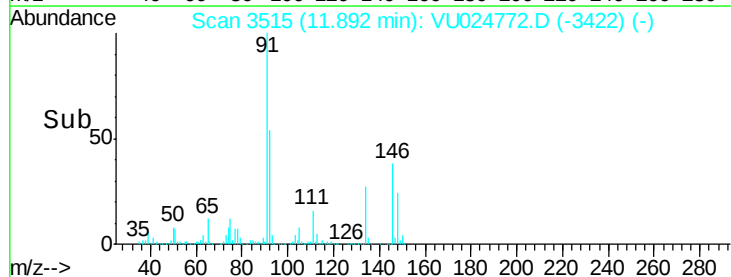
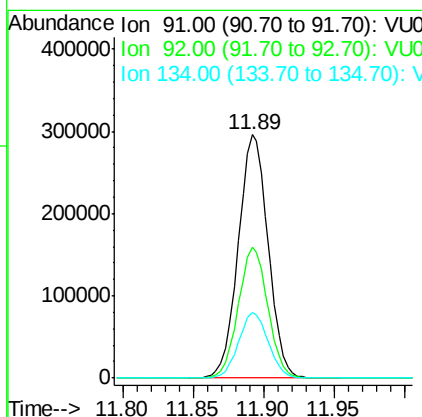
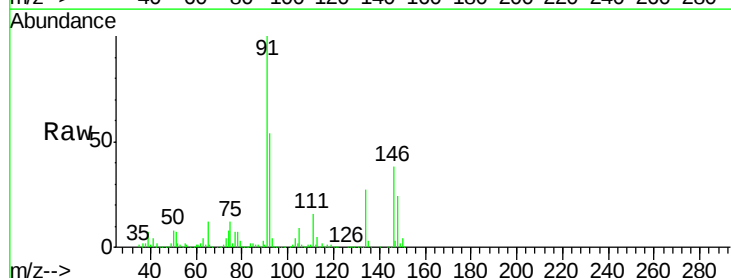
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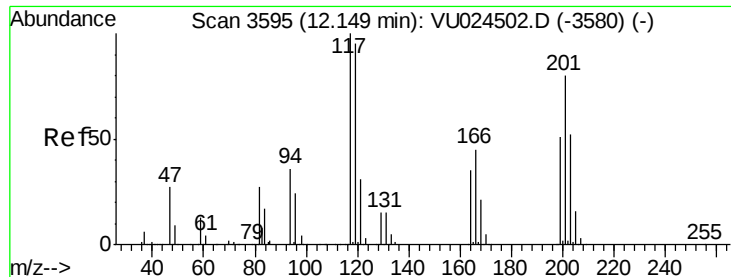
apatel
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#89
 n-Butylbenzene
 Concen: 44.84 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.1	25.6	76.8
134	26.8	12.3	36.8





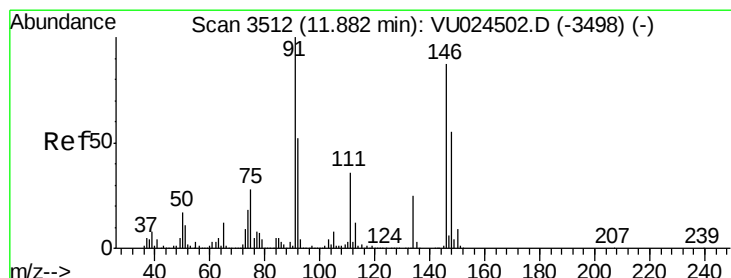
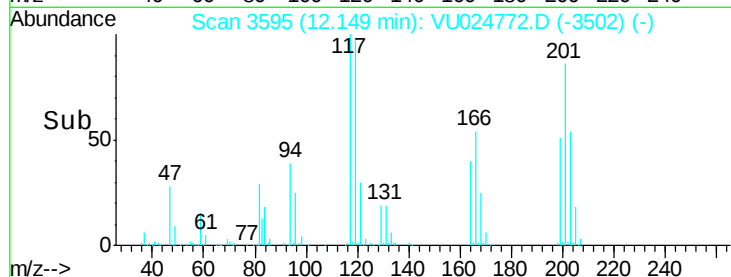
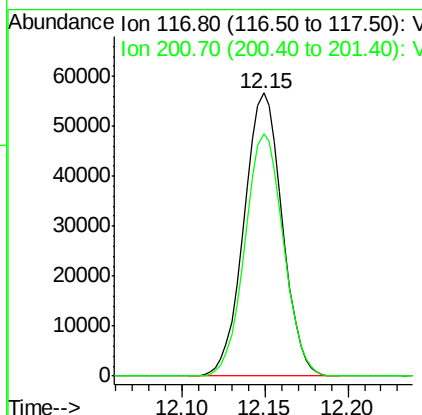
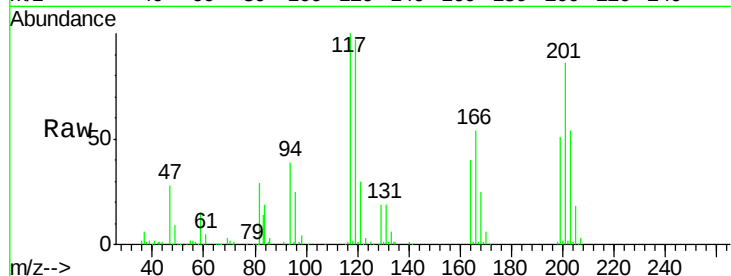
#90
Hexachloroethane
Concen: 42.32 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

Tot Ion:117 Resp: 90937
Ion Ratio Lower Upper
117 100
201 86.1 41.1 123.3

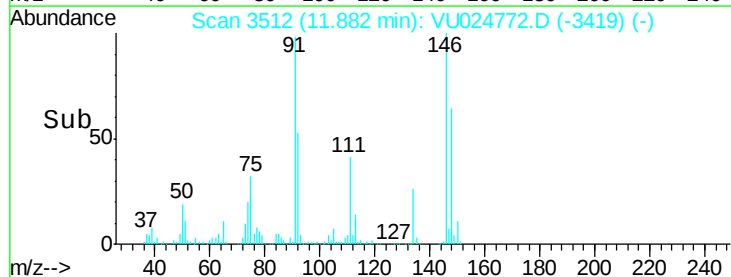
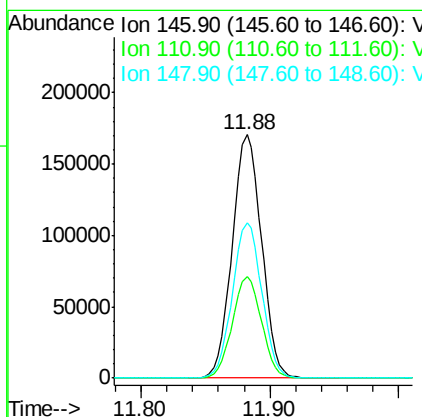
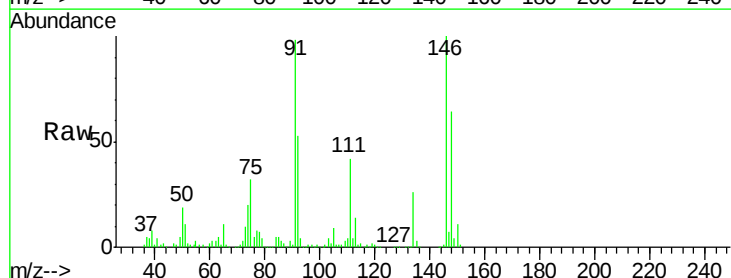
Manual Integrations
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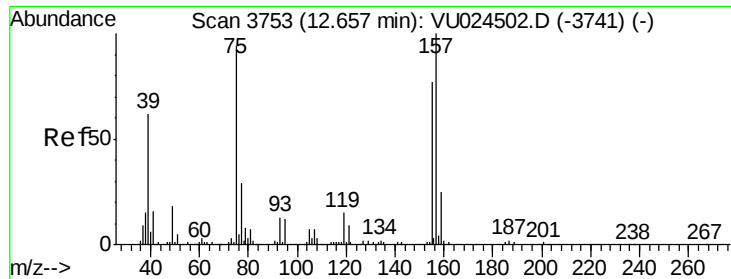
apatel
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#91
1,2-Dichlorobenzene
Concen: 48.89 ug/l
RT: 11.88 min Scan# 3512
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion:146 Resp: 269915
Ion Ratio Lower Upper
146 100
111 41.4 20.5 61.6
148 63.8 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 56.22 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

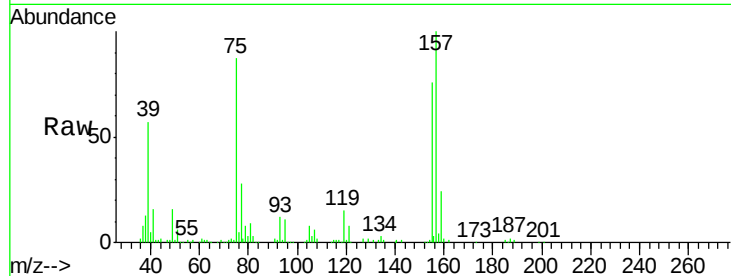
ClientSampleId :

TPTW-04MSD

Tot Ion:	75	Resp:	61257
Ion Ratio	Lower	Upper	
75	100		
155	87.0	40.4	121.2
157	114.4	52.3	156.8

Manual Integrations
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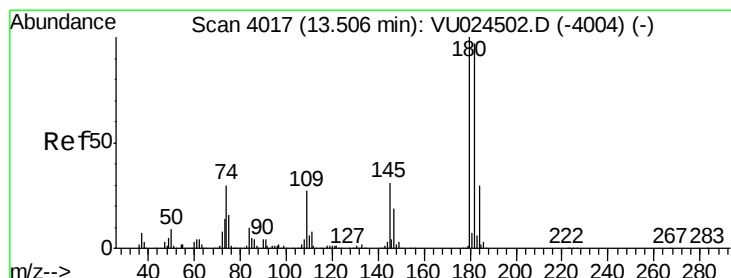
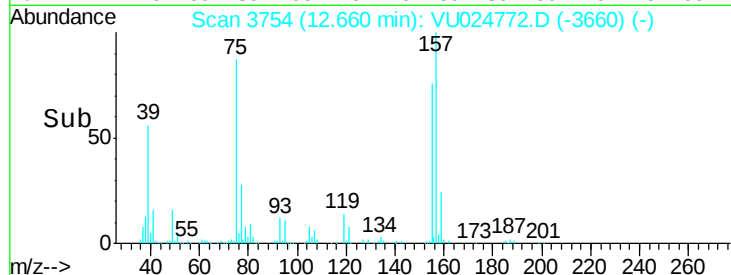
Abundance Ion 74.90 (74.60 to 75.60): VU024502.D (-3741) (-)

Ion 154.80 (154.50 to 155.50): VU024502.D (-3741) (-)

Ion 156.80 (156.50 to 157.50): VU024502.D (-3741) (-)

12.66

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 54.11 ug/l

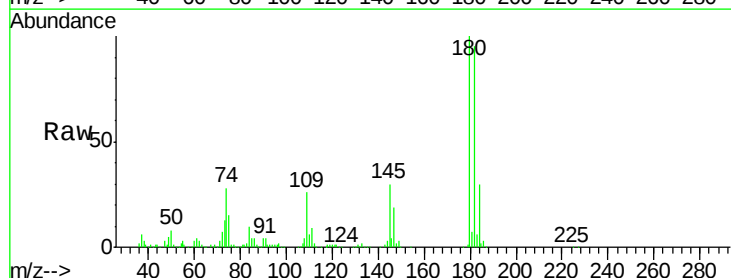
RT: 13.51 min Scan# 4017

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Tgt Ion:	180	Resp:	184476
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.0	144.2
145	29.5	14.7	44.1



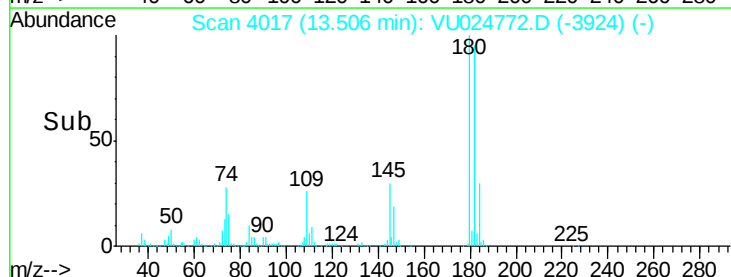
Abundance Ion 179.80 (179.50 to 180.50): VU024502.D (-4004) (-)

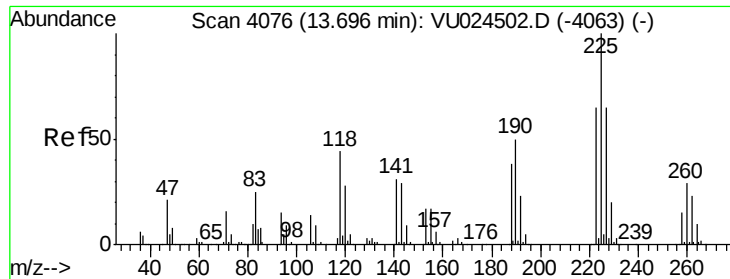
Ion 181.80 (181.50 to 182.50): VU024502.D (-4004) (-)

Ion 144.80 (144.50 to 145.50): VU024502.D (-4004) (-)

13.51

Time-->





#94

Hexachlorobutadiene

Concen: 47.47 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

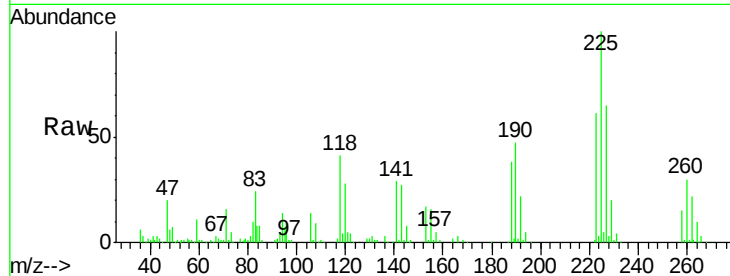
ClientSampleId :

TPTW-04MSD

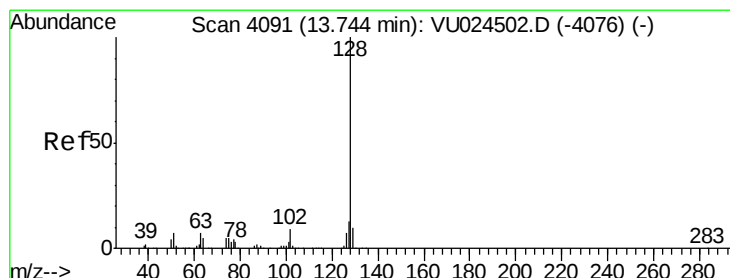
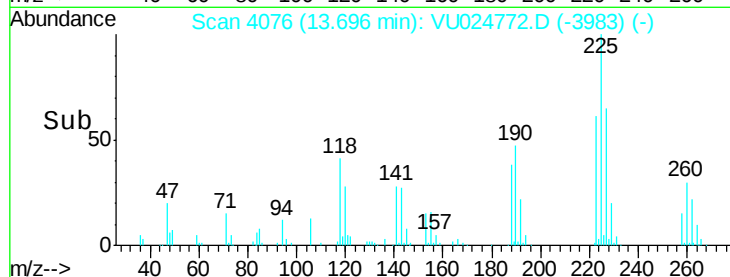
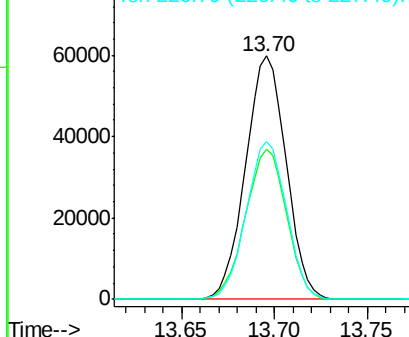
Tot Ion:	225	Resp:	91090
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.3	93.8
227	64.3	31.8	95.4

Manual Integrations
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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: 62.84 ug/l

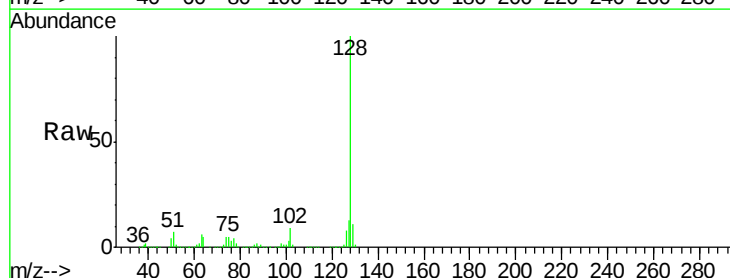
RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

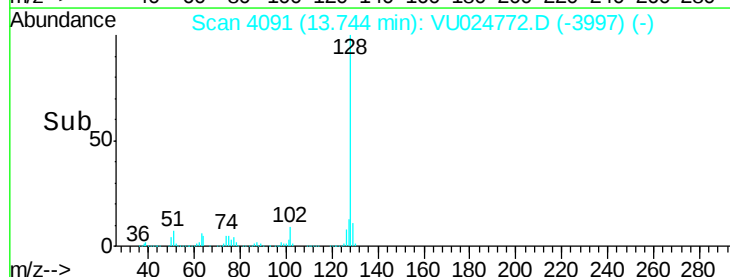
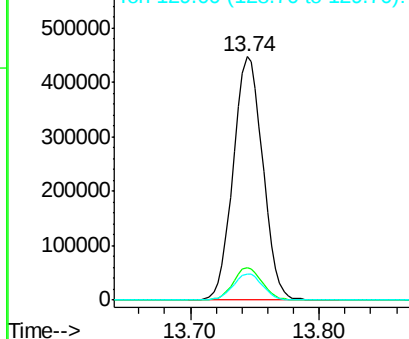
Lab File: VU024772.D

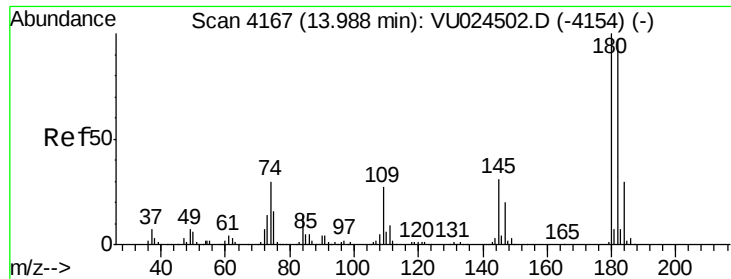
Acq: 20 Jun 2018 21:10

Tgt Ion:	128	Resp:	711206
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.9	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





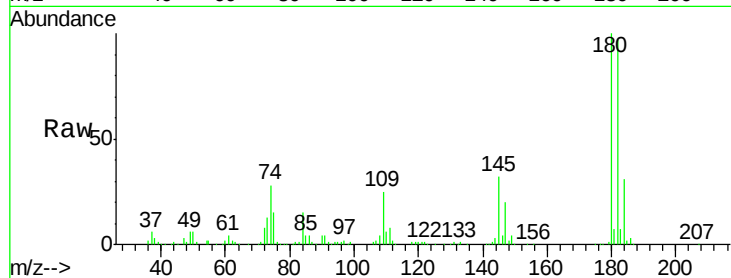
#96
 1,2,3-Trichlorobenzene
 Concen: 56.99 ug/l
 RT: 13.99 min Scan# 4167
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

Tot Ion:	180	Resp:	193597
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.9	143.7
145	31.4	15.4	46.1

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

