

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024580.D
 Acq On : 15 Jun 2018 07:31
 Operator : MD/SY
 Sample : J3478-04MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MSD

Manual Integrations
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 6/15/2018 3:16:17 PM

Quant Time: Jun 15 08:40:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	162252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	263078	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	251325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	152238	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	126915	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
35) Dibromofluoromethane	4.89	113	112037	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	7.57	98	400857	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	10.31	95	158981	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	88359	43.508	ug/l	99
3) Chloromethane	1.33	50	94261	45.430	ug/l	99
4) Vinyl Chloride	1.41	62	113651	53.114	ug/l	98
5) Bromomethane	1.63	94	57711	55.792	ug/l	98
6) Chloroethane	1.70	64	63679	53.328	ug/l	98
7) Trichlorofluoromethane	1.89	101	157244	48.154	ug/l	99
8) Diethyl Ether	2.10	74	60062	54.206	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	89285	44.072	ug/l	97
10) Methyl Iodide	2.41	142	61519	37.375	ug/l	96
11) Tert butyl alcohol	2.82	59	118591	184.087	ug/l	98
12) 1,1-Dichloroethene	2.29	96	87078	47.133	ug/l	92
13) Acrolein	2.19	56	69671	205.949	ug/l	100
14) Allyl chloride	2.60	41	139682	40.720	ug/l	93
15) Acrylonitrile	2.94	53	299998	239.350	ug/l	98
16) Acetone	2.32	43	240695	169.123	ug/l	96
17) Carbon Disulfide	2.48	76	271639	45.918	ug/l	99
18) Methyl Acetate	2.62	43	127732	41.865	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	321986	46.365	ug/l	97
20) Methylene Chloride	2.71	84	102159	45.748	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	97685	48.007	ug/l	94
22) Diisopropyl ether	3.57	45	323509	47.575	ug/l	97
23) Vinyl Acetate	3.53	43	1296184	212.789	ug/l	98
24) 1,1-Dichloroethane	3.45	63	182246	46.588	ug/l	99
25) 2-Butanone	4.26	43	417722	218.511	ug/l	95
26) 2,2-Dichloropropane	4.23	77	98621	26.550	ug/l	91
27) cis-1,2-Dichloroethene	4.23	96	152444	65.165	ug/l	89
28) Bromochloromethane	4.55	49	90744	52.665	ug/l	87
29) Tetrahydrofuran	4.64	42	275308	232.555	ug/l	96
30) Chloroform	4.68	83	187478	47.350	ug/l	99
31) Cyclohexane	5.00	56	169013	48.598	ug/l	100
32) 1,1,1-Trichloroethane	4.92	97	165866	45.301	ug/l	96
36) 1,1-Dichloropropene	5.14	75	138632	44.845	ug/l	97
37) Ethyl Acetate	4.38	43	146135	43.372	ug/l #	96
38) Carbon Tetrachloride	5.14	117	153826	45.250	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	165062	42.787	ug/l	93
40) Benzene	5.39	78	415861	47.210	ug/l	100
41) Methacrylonitrile	4.54	41	88182	48.541	ug/l	97
42) 1,2-Dichloroethane	5.41	62	147383	43.930	ug/l	97
43) Isopropyl Acetate	5.55	43	248934	42.742	ug/l	97
44) Trichloroethene	6.19	130	120260	47.971	ug/l	94
45) 1,2-Dichloropropane	6.44	63	112520	47.873	ug/l	99
46) Dibromomethane	6.56	93	78556	47.583	ug/l	92
47) Bromodichloromethane	6.76	83	153185	46.597	ug/l	99
48) Methyl methacrylate	6.63	41	128739	45.395	ug/l	98
49) 1,4-Dioxane	6.61	88	41169	742.300	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	855193	233.723	ug/l	98
52) Toluene	7.64	92	265622	46.870	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	157549	42.675	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	167455	42.567	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	108472	47.087	ug/l	98
56) Ethyl methacrylate	8.02	69	183150	47.501	ug/l	97
57) 1,3-Dichloropropane	8.25	76	183224	47.149	ug/l	99
59) 2-Hexanone	8.36	43	666345	223.065	ug/l	99
60) Dibromochloromethane	8.48	129	131585	45.806	ug/l	100
61) 1,2-Dibromoethane	8.59	107	122254	47.680	ug/l	99
64) Tetrachloroethene	8.23	164	104914	43.916	ug/l	97
65) Chlorobenzene	9.12	112	303382	47.253	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	114234	46.831	ug/l	99
67) Ethyl Benzene	9.25	91	518644	46.079	ug/l	98
68) m/p-Xylenes	9.38	106	404431	93.572	ug/l	96
69) o-Xylene	9.78	106	199851	46.722	ug/l	94
70) Stvrene	9.80	104	331453	47.153	ug/l	99
71) Bromoform	9.96	173	110162	47.514	ug/l #	98
73) Isopropylbenzene	10.17	105	523258	44.768	ug/l	97
74) N-amyl acetate	10.01	43	226298	40.705	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	185182	47.279	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	161313m	48.128	ug/l	
77) Bromobenzene	10.45	156	138985	46.970	ug/l	94
78) n-propylbenzene	10.59	91	615815	44.726	ug/l	97
79) 2-Chlorotoluene	10.66	91	363631	44.785	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	450784	44.497	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.51	75	51220m	35.368	ug/l	
82) 4-Chlorotoluene	10.78	91	430942	45.600	ug/l	99
83) tert-Butylbenzene	11.10	119	445915	45.758	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	462599	44.808	ug/l	98
85) sec-Butylbenzene	11.33	105	540358	44.298	ug/l	97
86) p-Isopropyltoluene	11.48	119	480477	43.980	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	254476	46.549	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	256335	46.586	ug/l	100
89) n-Butylbenzene	11.89	91	431517	44.490	ug/l	98
90) Hexachloroethane	12.15	117	89829	42.150	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	254175	46.419	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	47273	43.741	ug/l	90
93) 1,2,4-Trichlorobenzene	13.51	180	179463	53.074	ug/l	98

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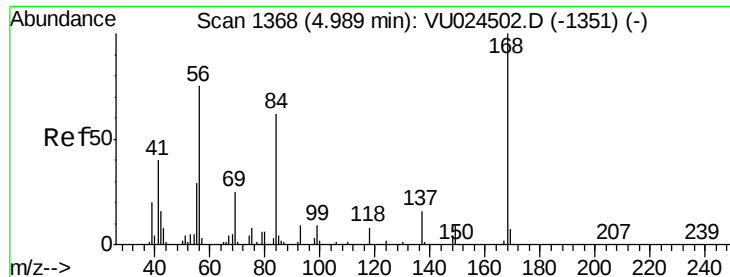
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	80576	42.337	ug/l	100
95) Naphthalene	13.74	128	548383	49.002	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	179770	53.355	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MSD

Tot Ion:168 Resp: 162252

Ion Ratio Lower Upper

168 100

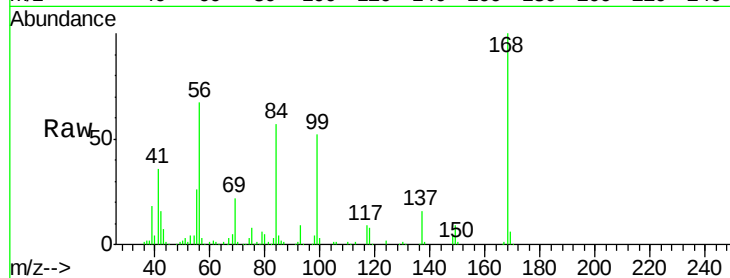
99 51.2 43.2 64.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VU024580.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024580.D (-1351) (-)

4.99

80000

60000

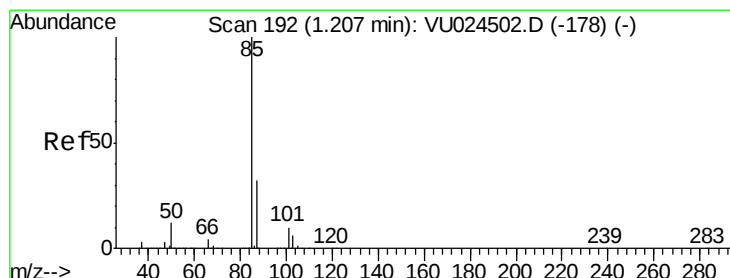
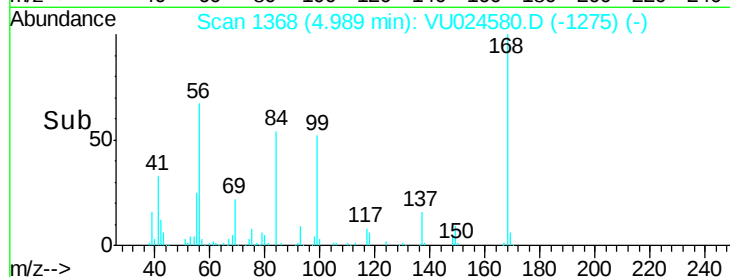
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 43.508 ug/l

RT: 1.21 min Scan# 192

Delta R.T. -0.00 min

Lab File: VU024580.D

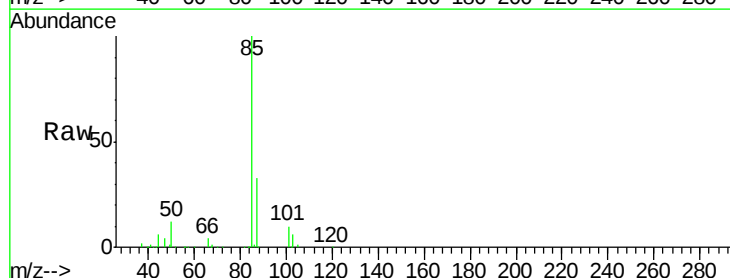
Acq: 15 Jun 2018 07:31

Tgt Ion: 85 Resp: 88359

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024580.D (-178) (-)

Ion 86.90 (86.60 to 87.60): VU024580.D (-178) (-)

1.21

100000

80000

60000

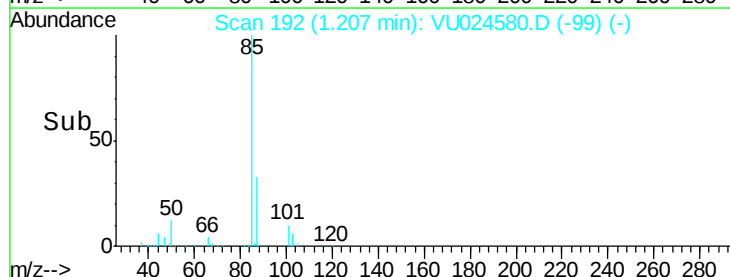
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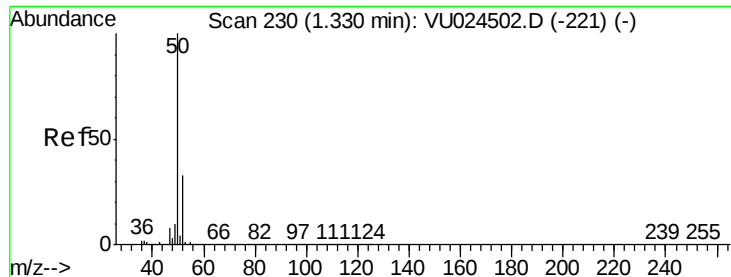
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 45.430 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MSD

Tot Ion: 50 Resp: 94261

Ion Ratio Lower Upper

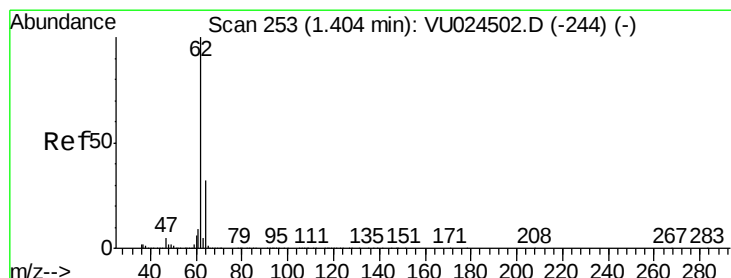
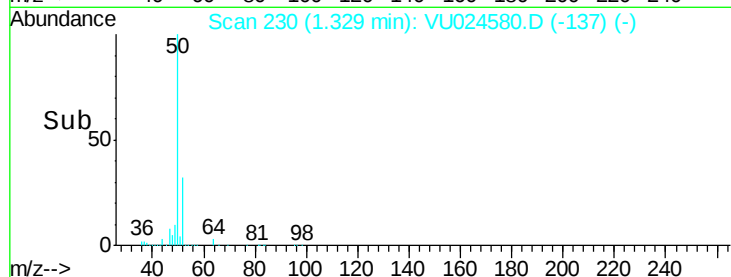
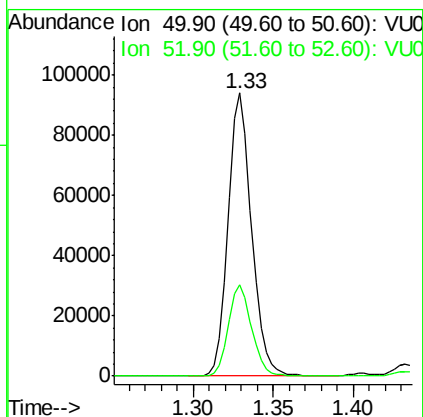
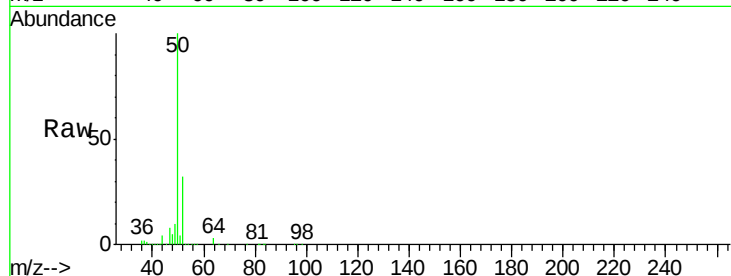
50 100

52 32.2 26.4 39.6

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#4

Vinyl Chloride

Concen: 53.114 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU024580.D

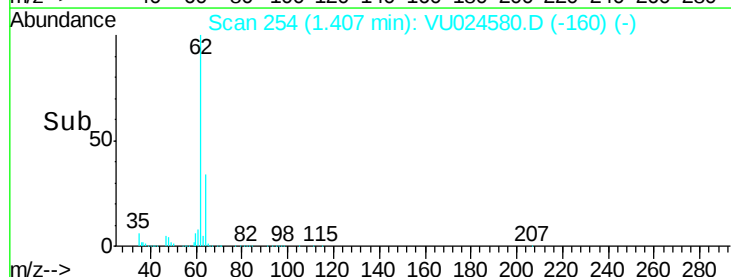
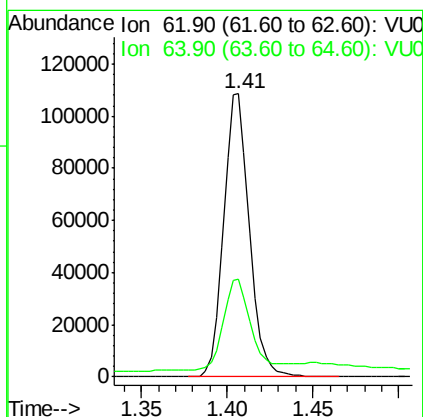
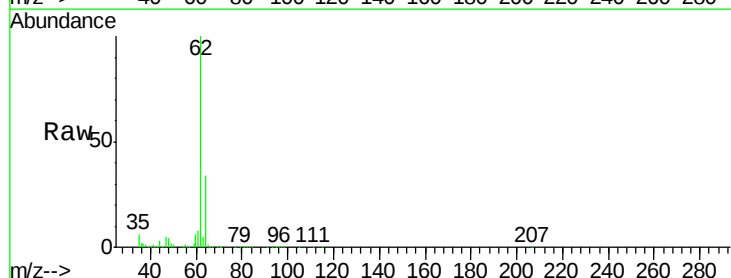
Acq: 15 Jun 2018 07:31

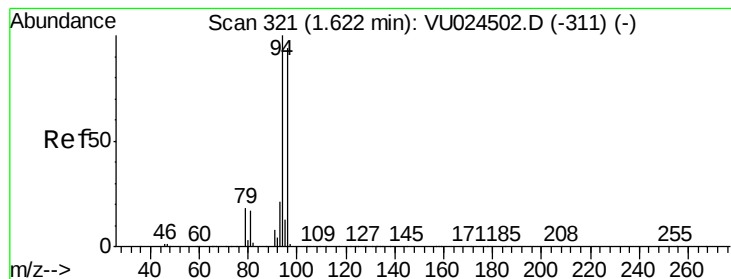
Tgt Ion: 62 Resp: 113651

Ion Ratio Lower Upper

62 100

64 31.9 24.8 37.2





#5

Bromomethane

Concen: 55.792 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.01 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Instrument :

MSVOA_U

ClientSampleId :

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Tot Ion: 94 Resp: 57711

Ion Ratio Lower Upper

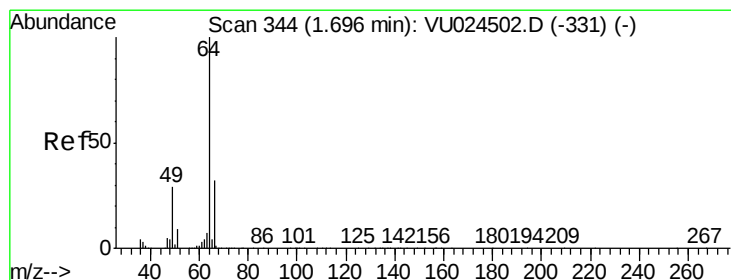
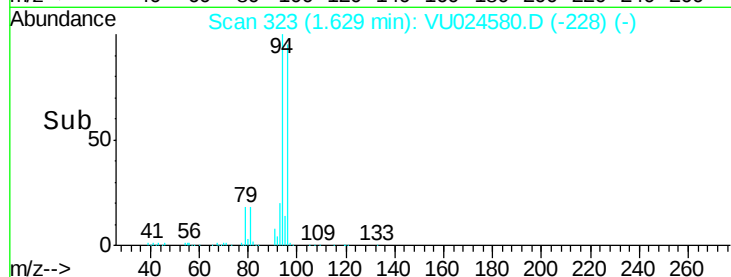
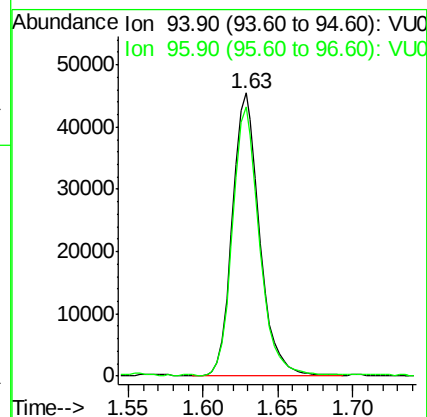
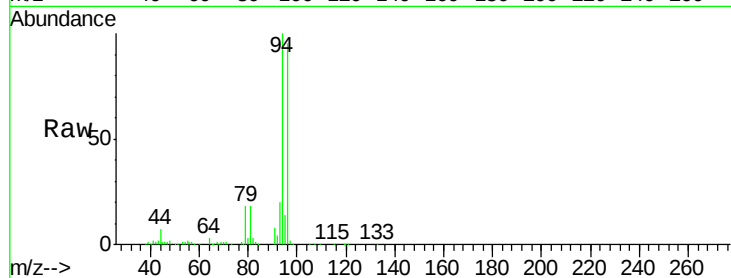
94 100

96 94.9 74.5 111.7

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#6

Chloroethane

Concen: 53.328 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.01 min

Lab File: VU024580.D

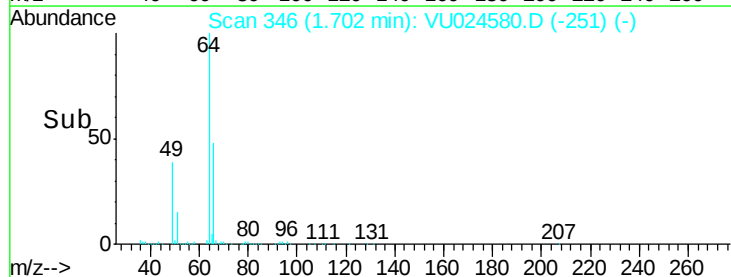
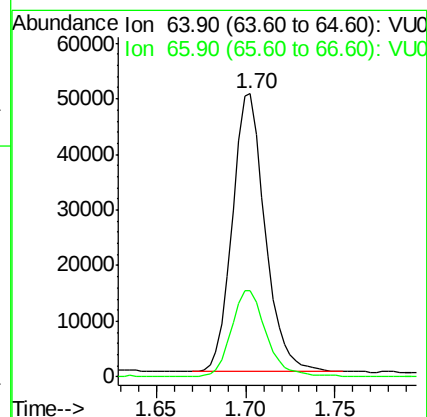
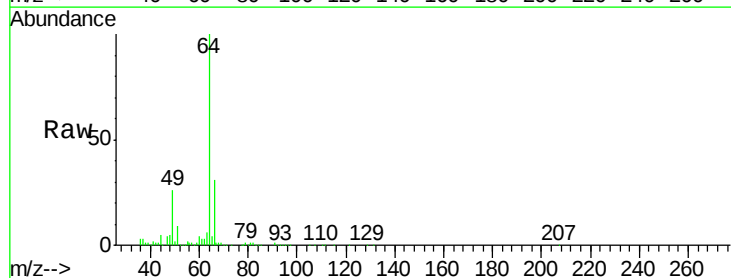
Acq: 15 Jun 2018 07:31

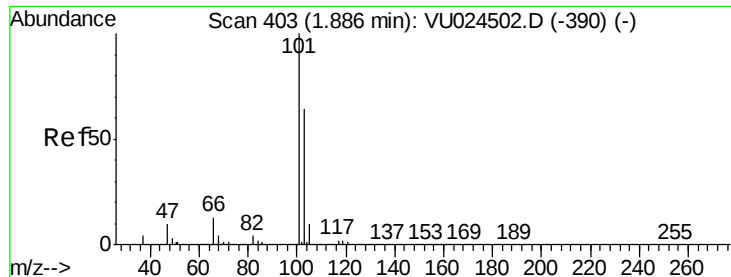
Tgt Ion: 64 Resp: 63679

Ion Ratio Lower Upper

64 100

66 30.9 25.5 38.3





#7

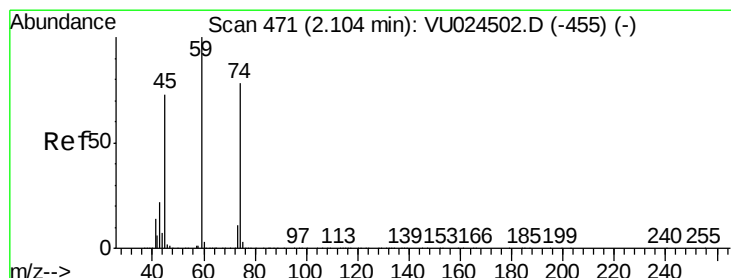
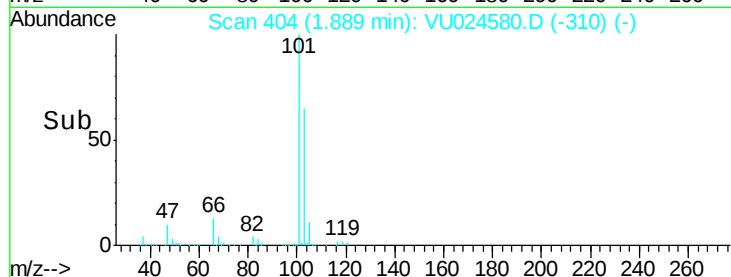
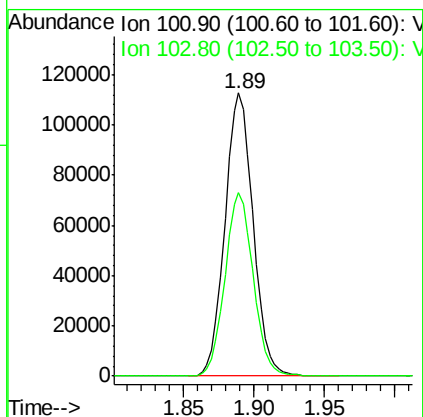
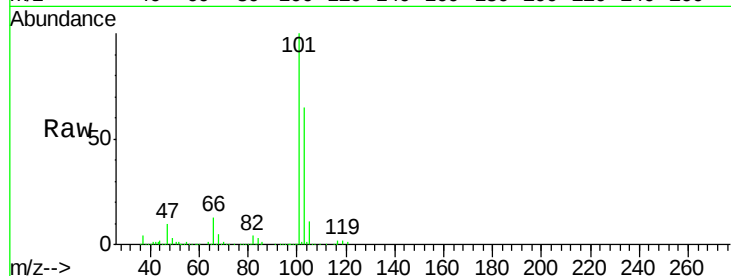
Trichlorofluoromethane
Concen: 48.154 ug/l
RT: 1.89 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.3	78.5

Manual Integrations
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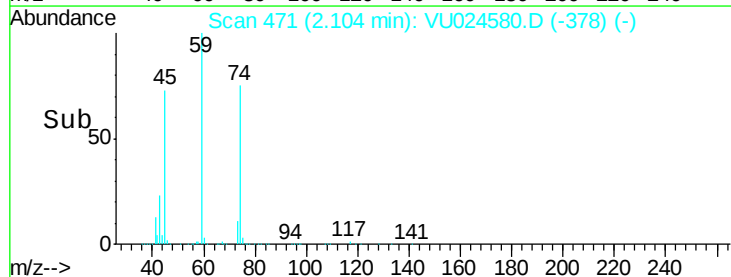
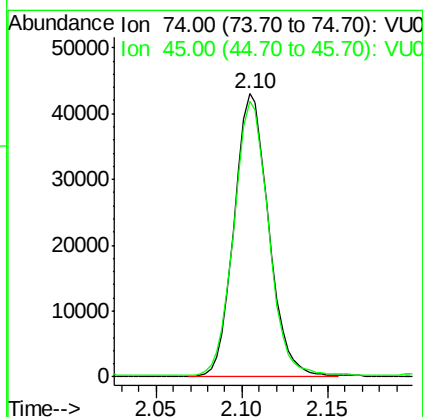
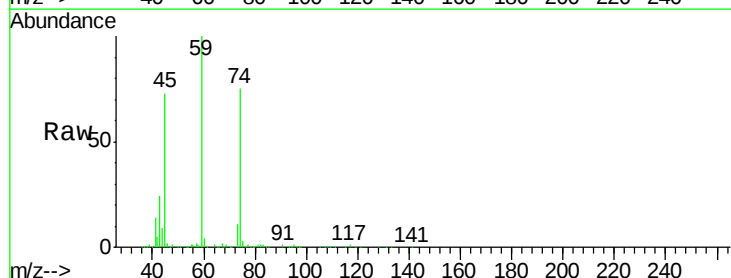
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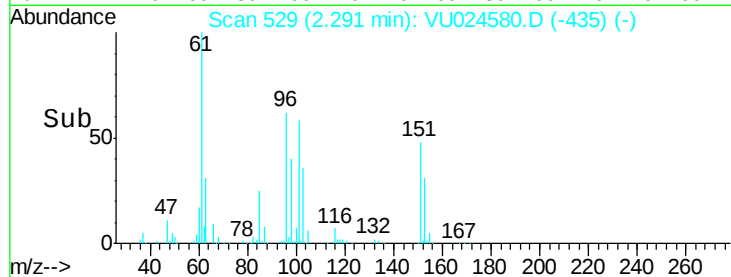
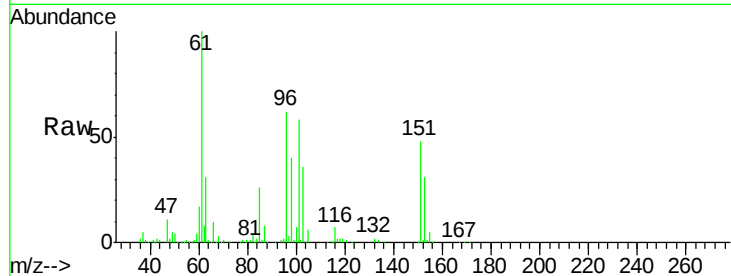
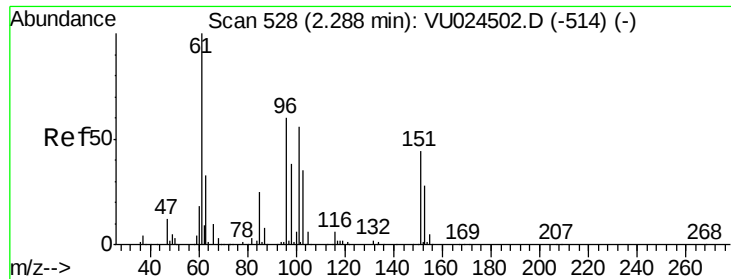


#8

Diethyl Ether
Concen: 54.206 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.072 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

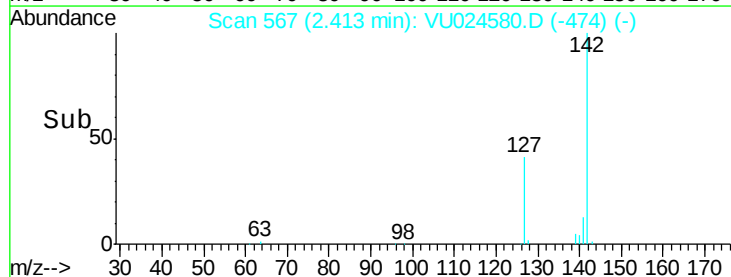
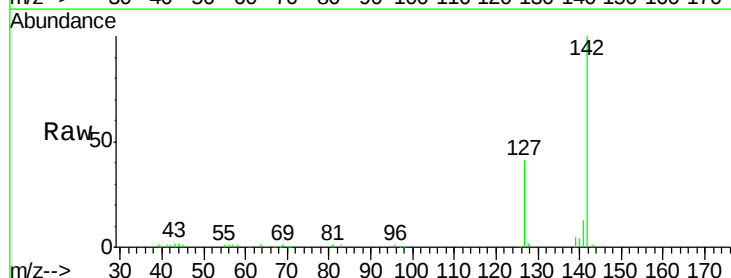
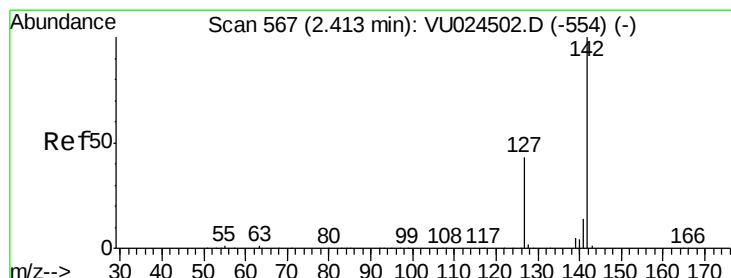
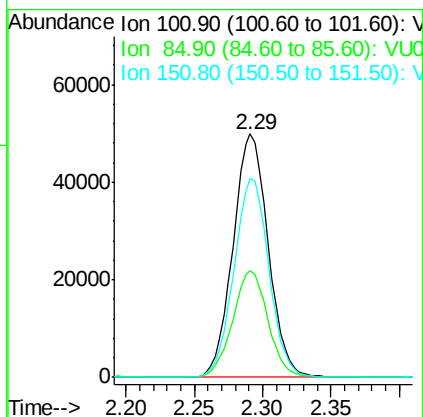
Instrument :
MSVOA_U

ClientSampleId :
SS050MW047-180610MSD

Tot Ion	Ratio	Resp Lower	Upper
101	100		
85	43.9	36.0	54.0
151	81.3	62.3	93.5

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#10

Methyl Iodide

Concen: 37.375 ug/l

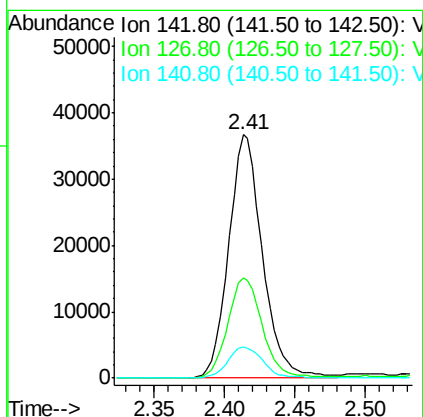
RT: 2.41 min Scan# 567

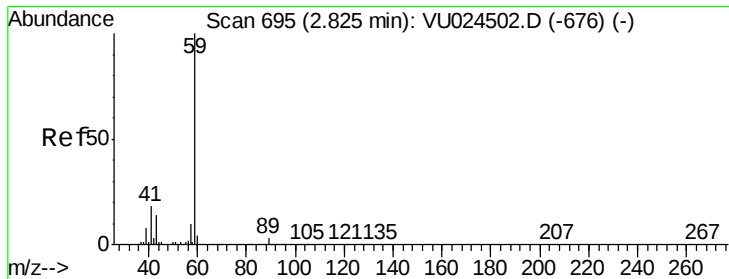
Delta R.T. 0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
127	41.7	35.6	53.4
141	13.5	11.7	17.5





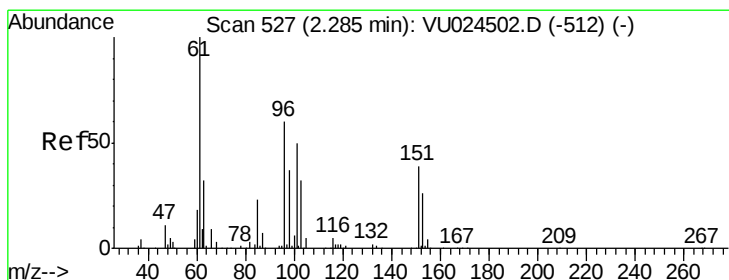
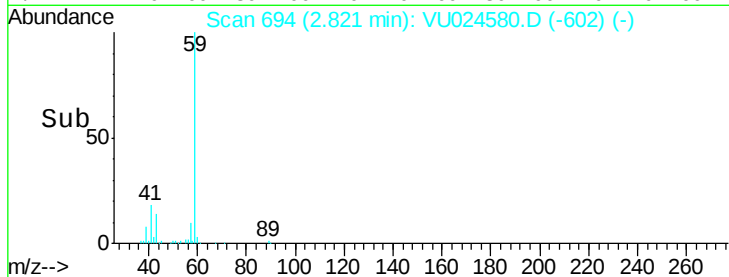
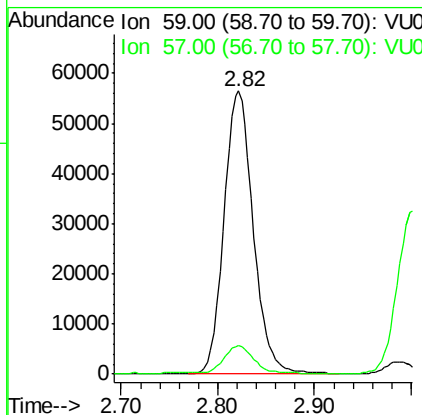
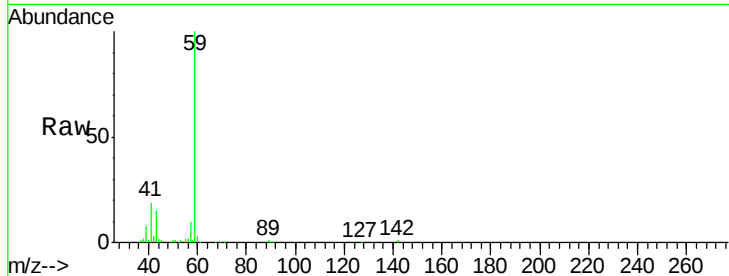
#11
Tert butyl alcohol
Concen: 184.087 ug/l
RT: 2.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MSD

Tot Ion: 59 Resp: 118591
Ion Ratio Lower Upper
59 100
57 9.7 8.5 12.7

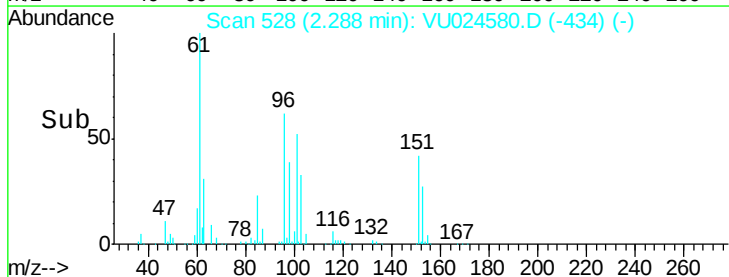
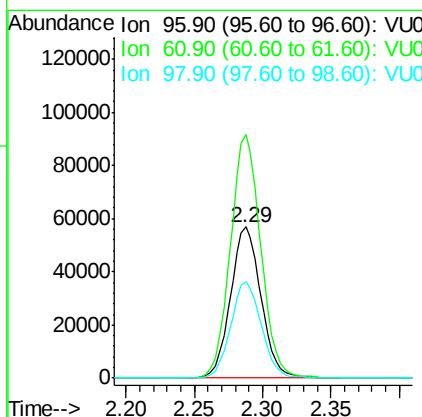
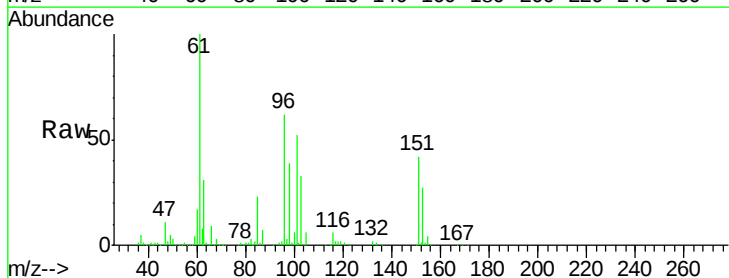
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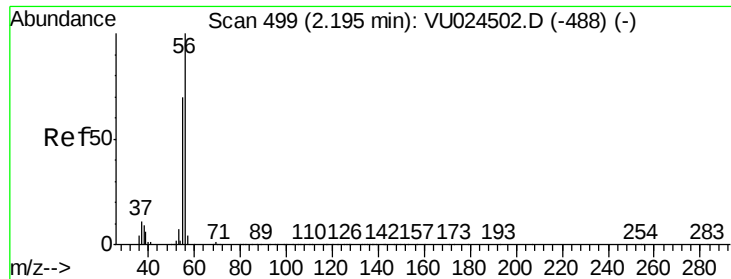
apatel
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#12
1,1-Dichloroethene
Concen: 47.133 ug/l
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Tgt Ion: 96 Resp: 87078
Ion Ratio Lower Upper
96 100
61 161.9 141.7 212.5
98 63.7 51.6 77.4





#13

Acrolein

Concen: 205.949 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MSD

Tot Ion: 56 Resp: 69671

Ion Ratio Lower Upper

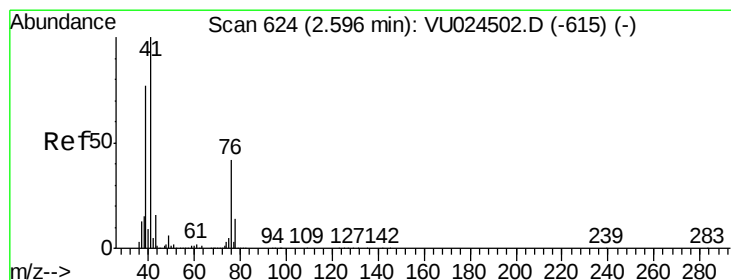
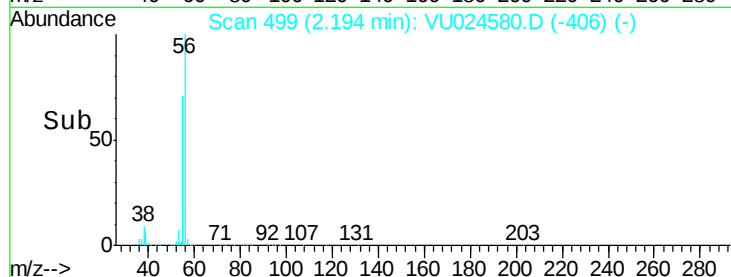
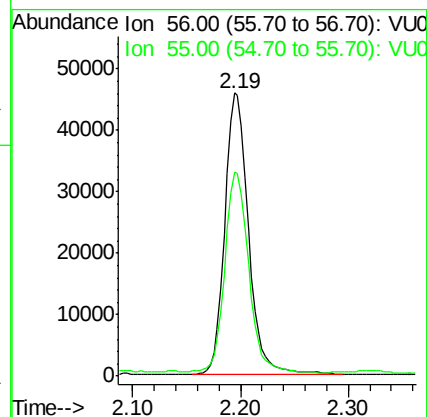
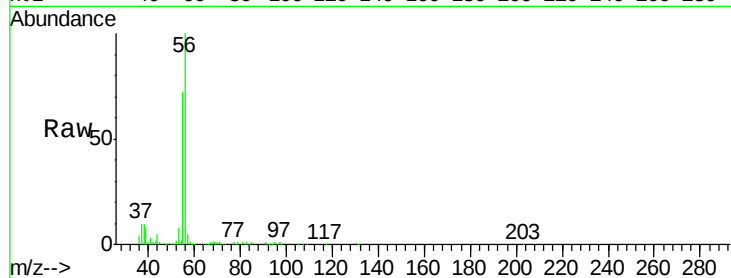
56 100

55 72.6 58.4 87.6

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#14

Allyl chloride

Concen: 40.720 ug/l

RT: 2.60 min Scan# 624

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

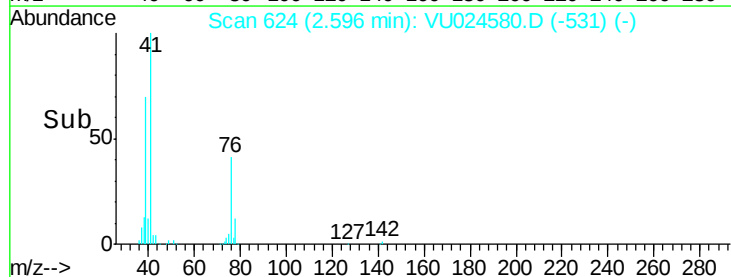
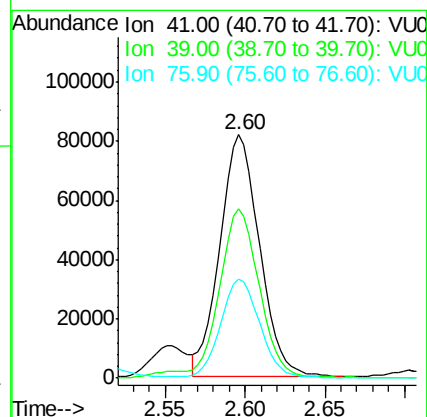
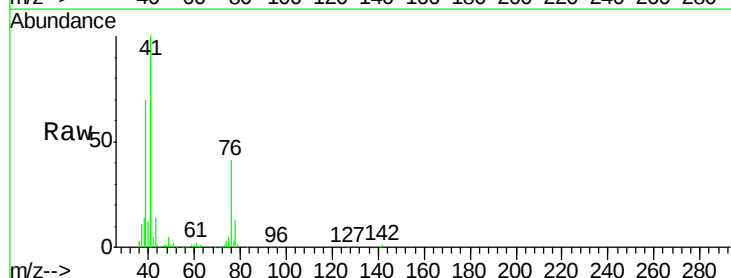
Tgt Ion: 41 Resp: 139682

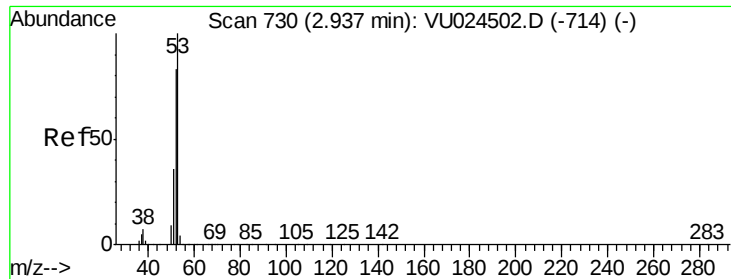
Ion Ratio Lower Upper

41 100

39 71.0 61.6 92.4

76 40.5 29.7 44.5





#15

Acrylonitrile

Concen: 239.350 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Instrument :

MSVOA_U

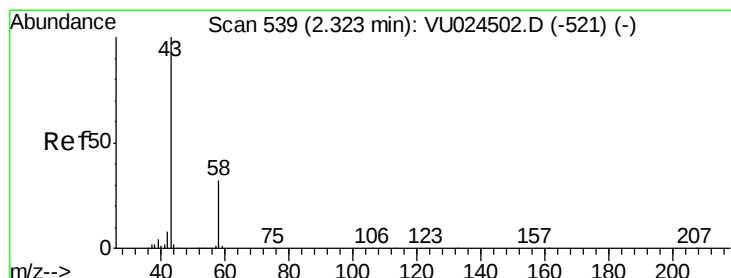
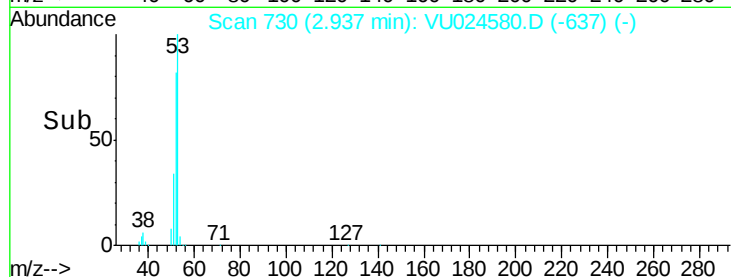
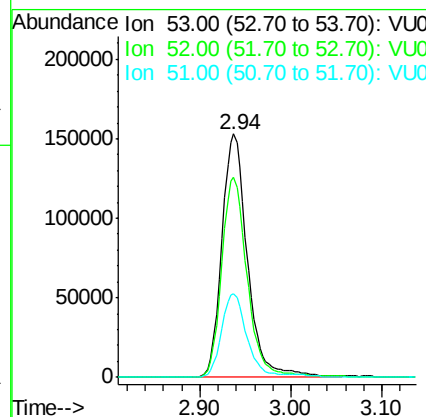
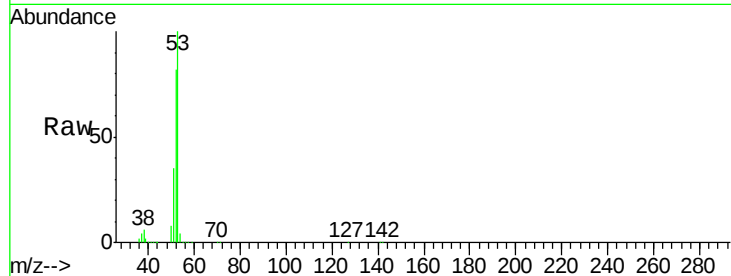
ClientSampleId :

SS050MW047-180610MSD

Tot Ion:	53	Resp:	299998
Ion	Ratio	Lower	Upper
53	100		
52	81.9	67.1	100.7
51	35.2	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 169.123 ug/l

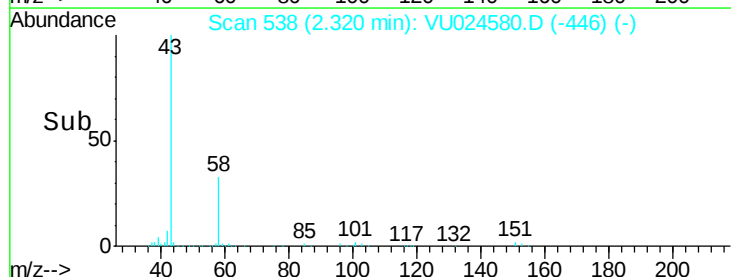
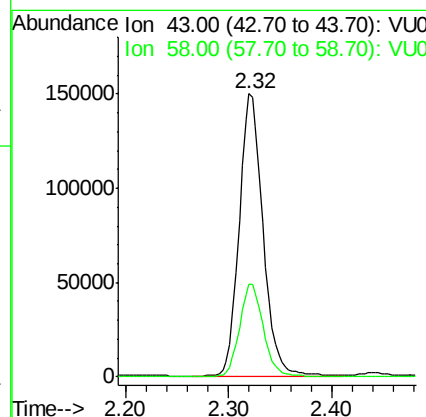
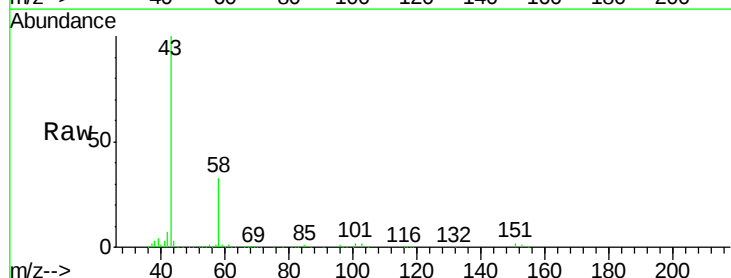
RT: 2.32 min Scan# 538

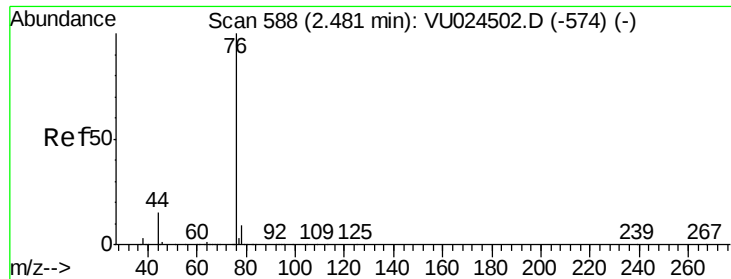
Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Tgt Ion:	43	Resp:	240695
Ion	Ratio	Lower	Upper
43	100		
58	32.7	24.4	36.6





#17

Carbon Disulfide

Concen: 45.918 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MSD

Tot Ion: 76 Resp: 271639

Ion Ratio Lower Upper

76 100

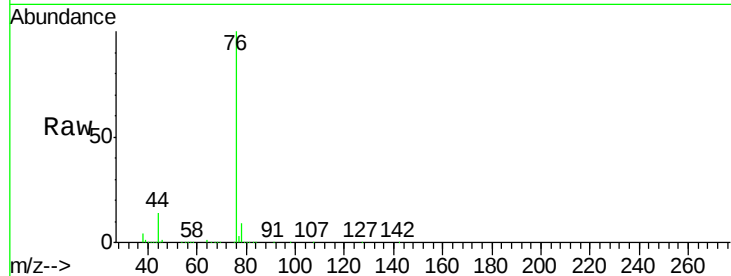
78 9.2 7.1 10.7

Manual Integrations

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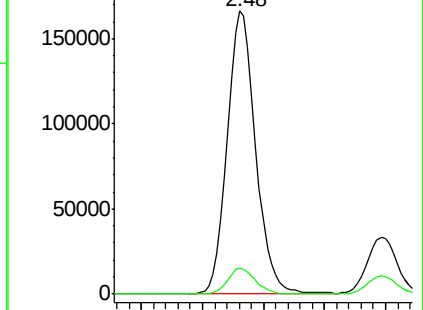
apatel

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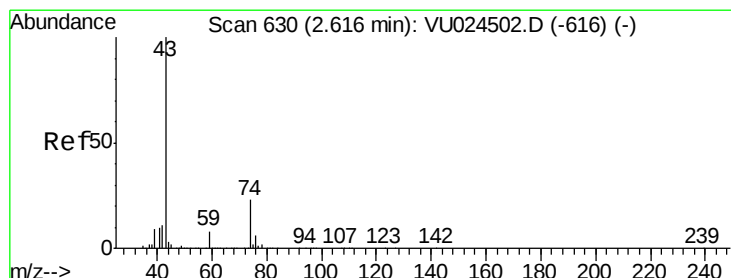
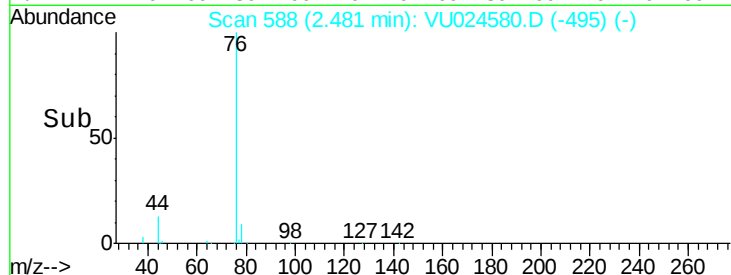


Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



Time-->



#18

Methyl Acetate

Concen: 41.865 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU024580.D

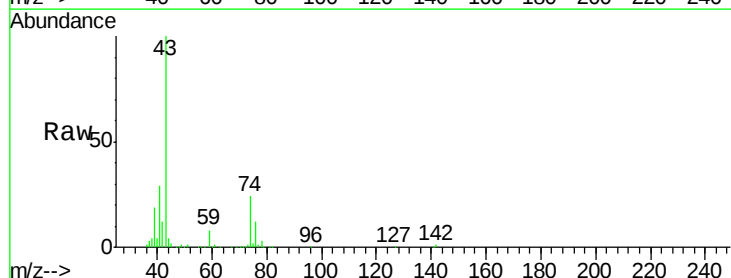
Acq: 15 Jun 2018 07:31

Tgt Ion: 43 Resp: 127732

Ion Ratio Lower Upper

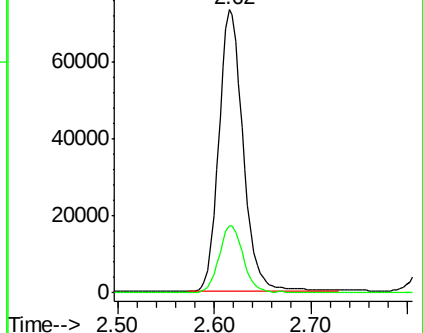
43 100

74 23.6 18.0 27.0

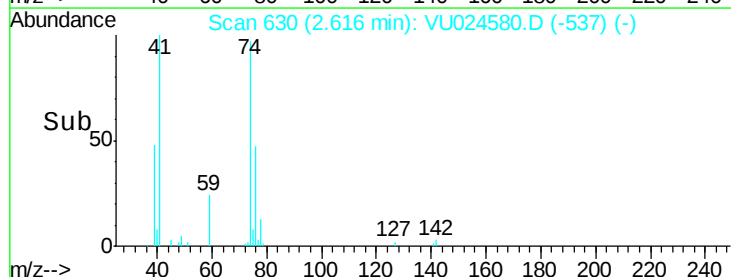


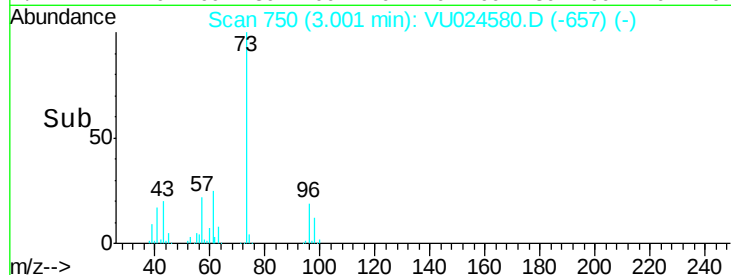
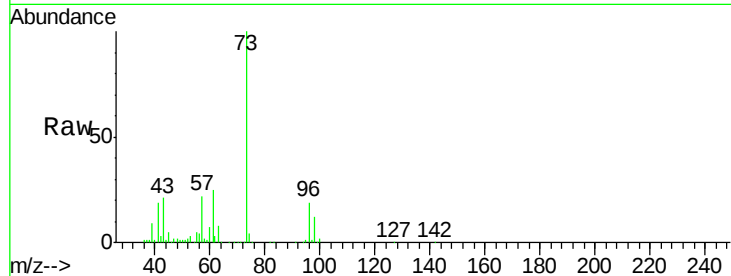
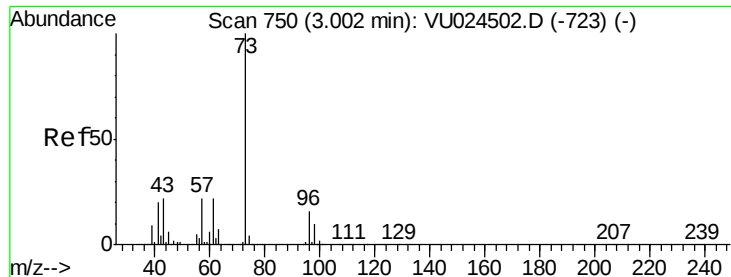
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



Time-->





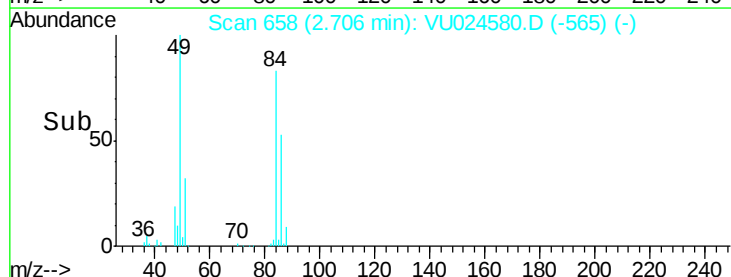
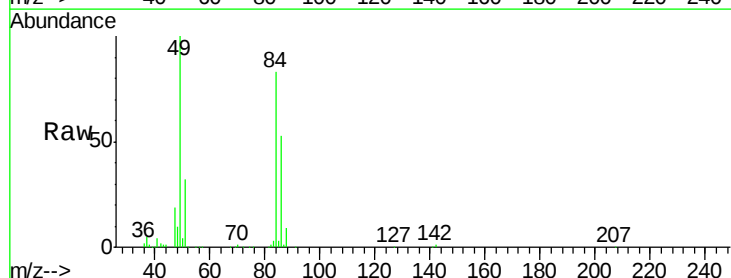
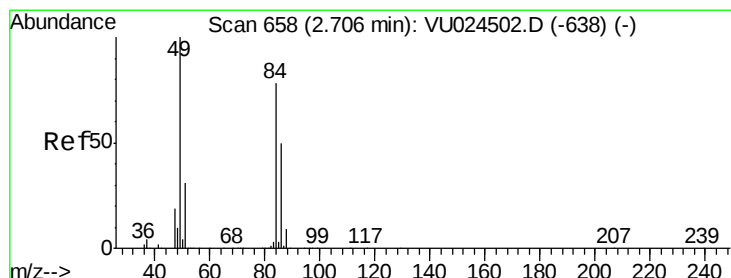
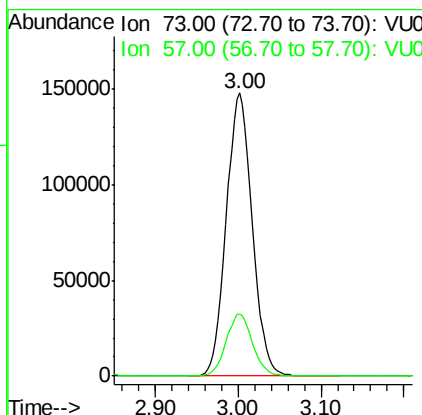
#19
Methyl tert-butyl Ether
Concen: 46.365 ug/l
RT: 3.00 min Scan# 750
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Tot Ion	73	Resp	321986
Ion Ratio	100	Lower	Upper
73	100		
57	22.0	18.8	28.2

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MSD

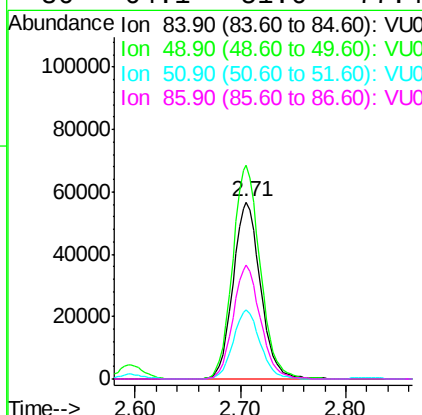
Manual Integrations
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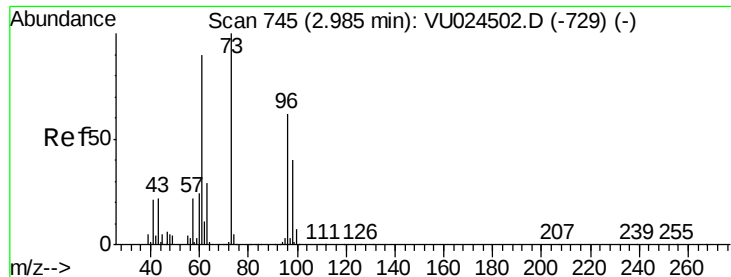
apatel
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#20
Methylene Chloride
Concen: 45.748 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Tgt Ion	84	Resp	102159
Ion Ratio	100	Lower	Upper
84	100		
49	120.7	103.8	155.8
51	38.8	32.0	48.0
86	64.1	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 48.007 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Instrument :

MSVOA_U

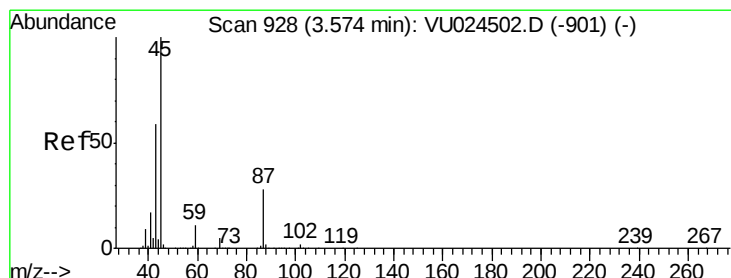
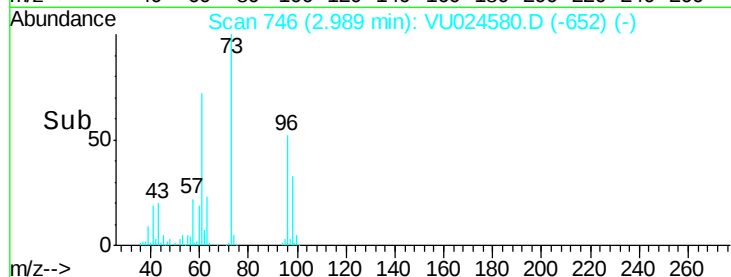
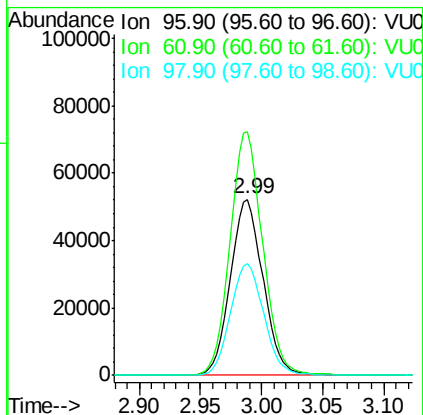
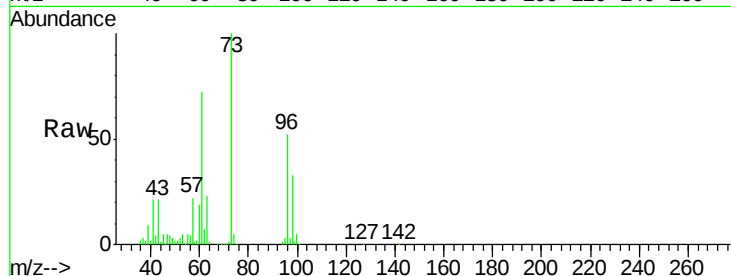
ClientSampleId :

SS050MW047-180610MSD

Tot Ion:	96	Resp:	97685
Ion Ratio	Lower	Upper	
96	100		
61	138.5	119.4	179.0
98	63.4	51.1	76.7

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#22

Diisopropyl ether

Concen: 47.575 ug/l

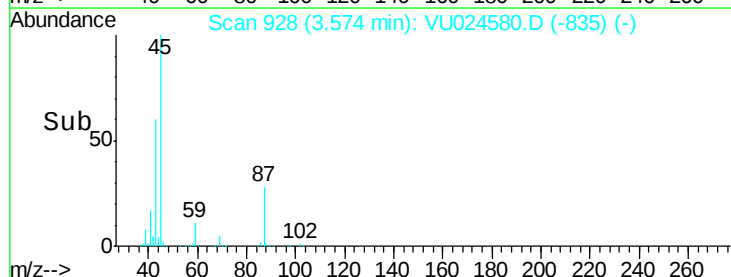
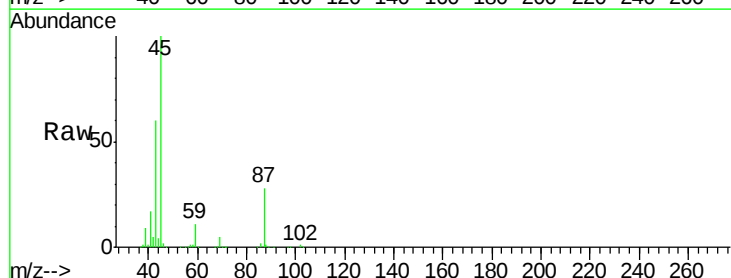
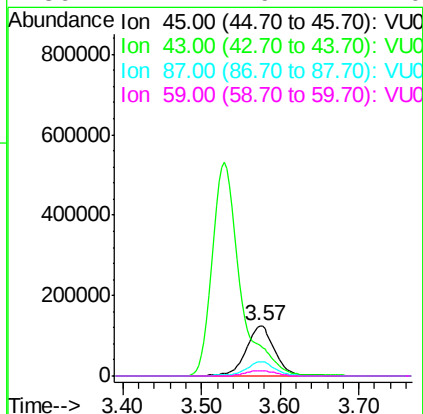
RT: 3.57 min Scan# 928

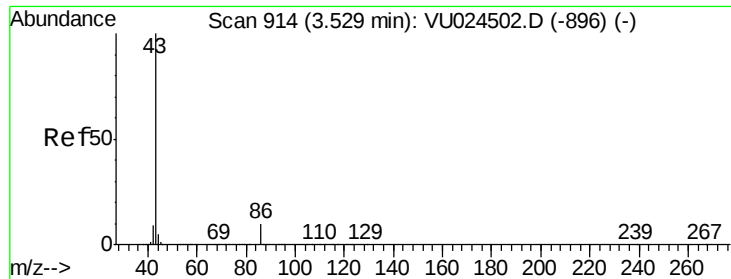
Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Tgt Ion:	45	Resp:	323509
Ion Ratio	Lower	Upper	
45	100		
43	59.4	45.8	68.6
87	27.7	20.6	31.0
59	11.1	9.4	14.0





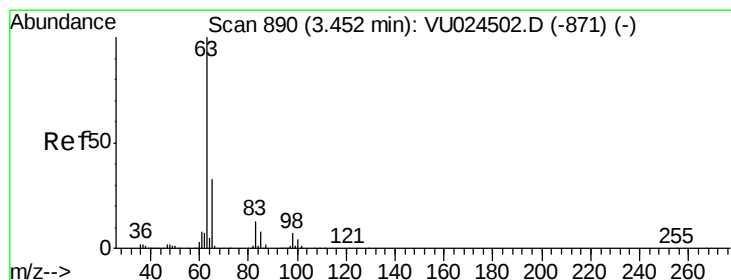
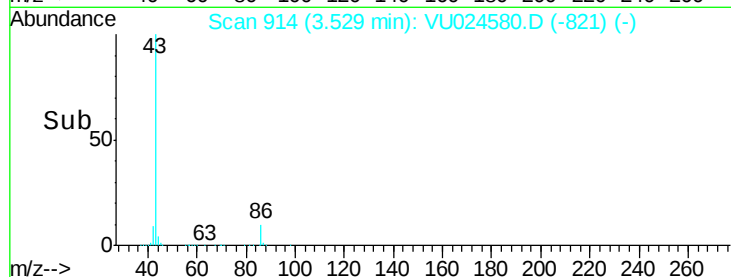
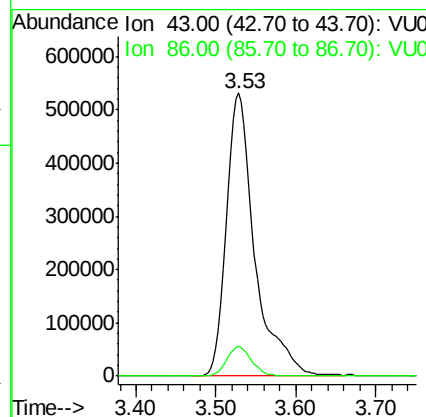
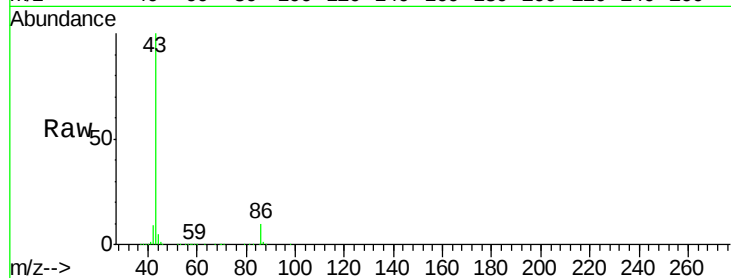
#23
 Vinyl Acetate
 Concen: 212.789 ug/l
 RT: 3.53 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: VU024580.D
 Acq: 15 Jun 2018 07:31

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MSD

Tot Ion: 43 Resp: 1296184
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8

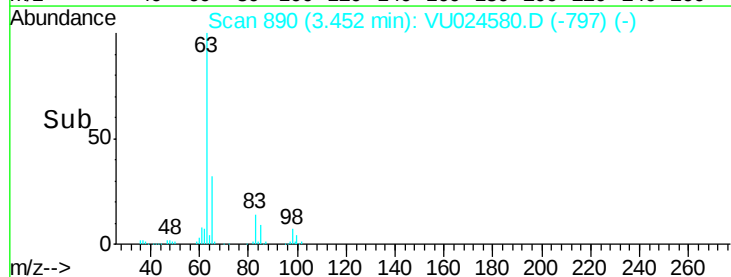
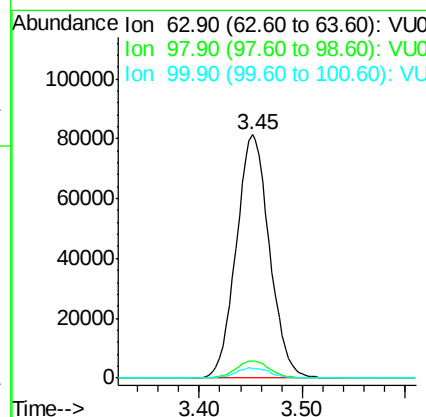
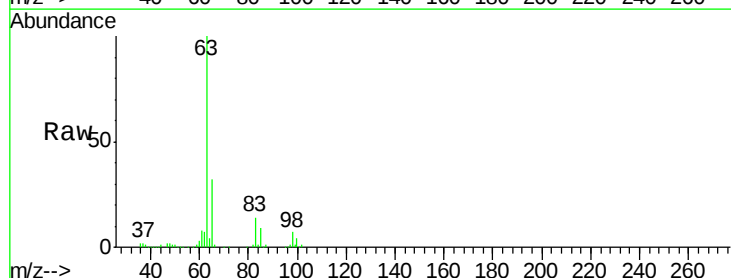
Manual Integrations
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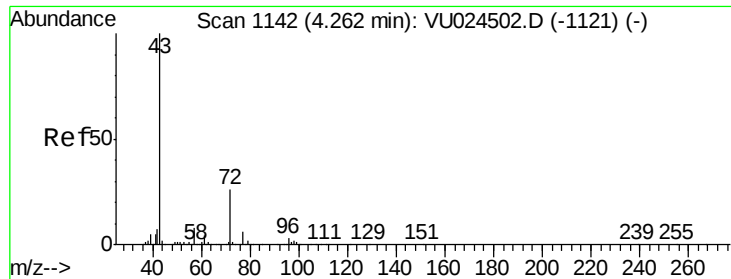
apatel
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#24
 1,1-Dichloroethane
 Concen: 46.588 ug/l
 RT: 3.45 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: VU024580.D
 Acq: 15 Jun 2018 07:31

Tgt Ion: 63 Resp: 182246
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.1 1.8 5.5





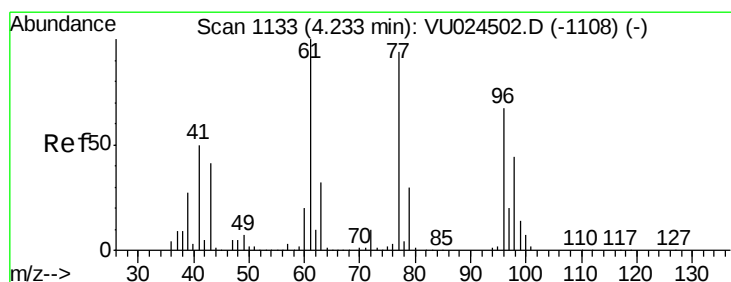
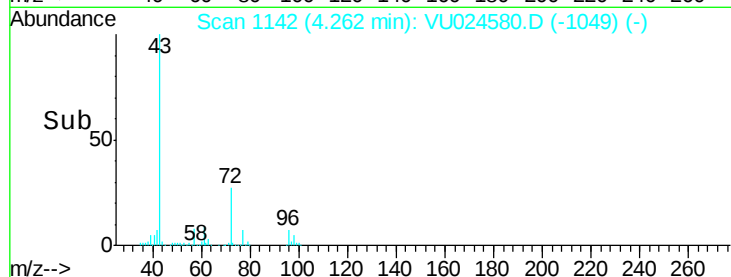
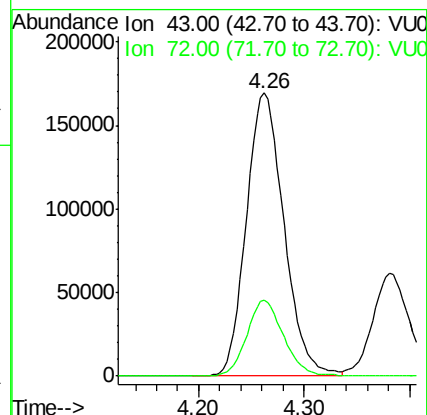
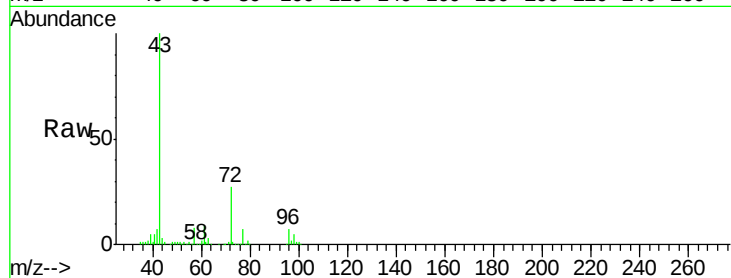
#25
2-Butanone
Concen: 218.511 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MSD

Tot Ion: 43 Resp: 417722
Ion Ratio Lower Upper
43 100
72 26.8 19.6 29.4

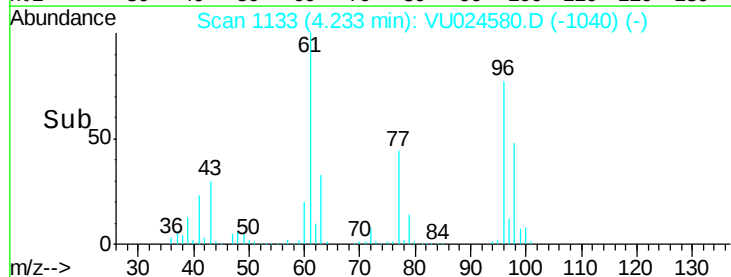
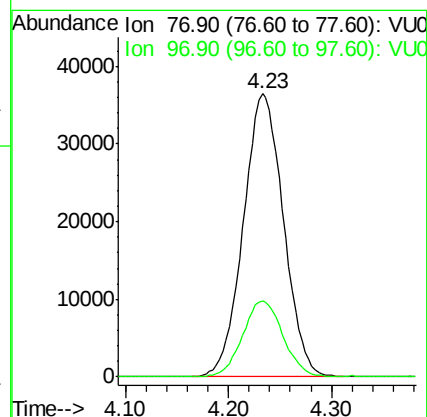
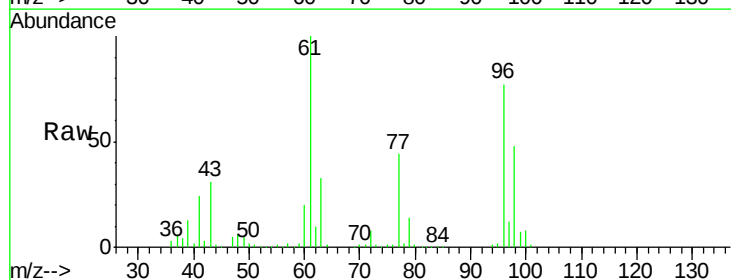
Manual Integrations
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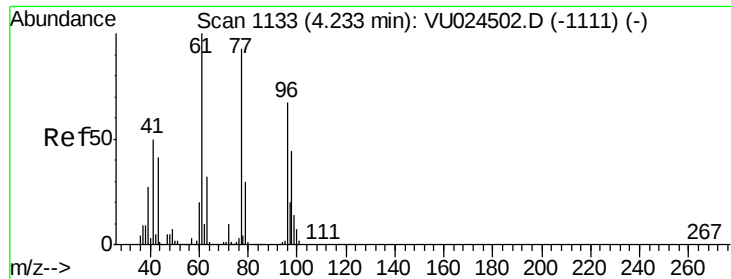
apatel
6/15/2018 3:16:17 PM



#26
2,2-Dichloropropane
Concen: 26.550 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Tgt Ion: 77 Resp: 98621
Ion Ratio Lower Upper
77 100
97 27.0 11.3 33.8





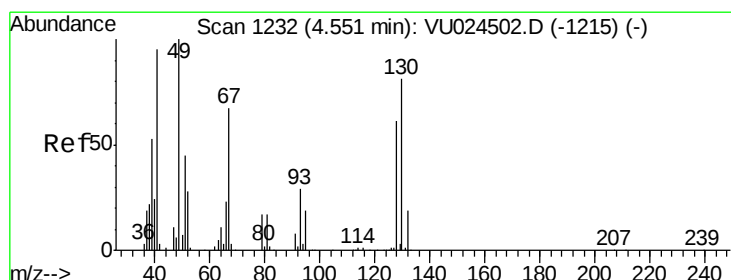
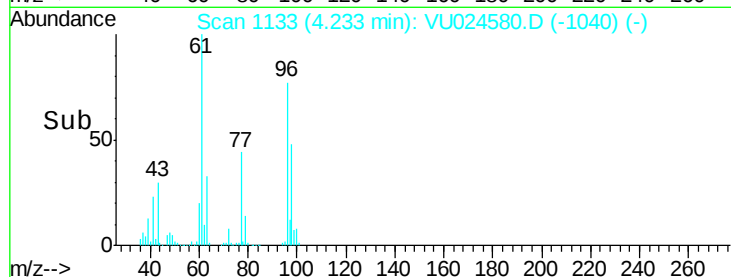
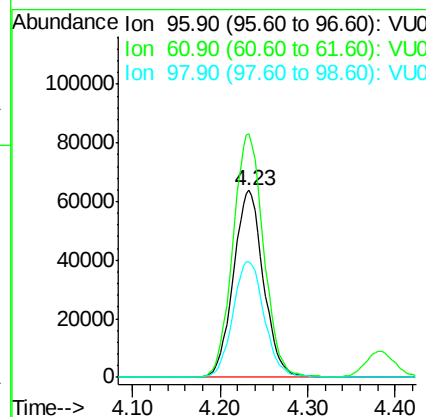
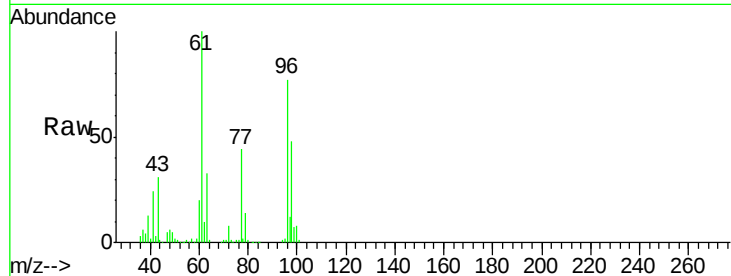
#27
 cis-1,2-Dichloroethene
 Concen: 65.165 ug/l
 RT: 4.23 min Scan# 1133
 Delta R.T. -0.00 min
 Lab File: VU024580.D
 Acq: 15 Jun 2018 07:31

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.9	0.0	306.6
98	64.4	0.0	128.8

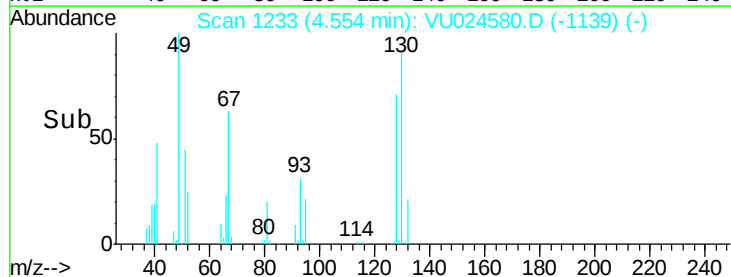
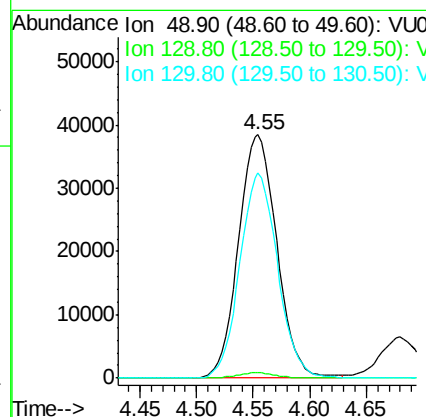
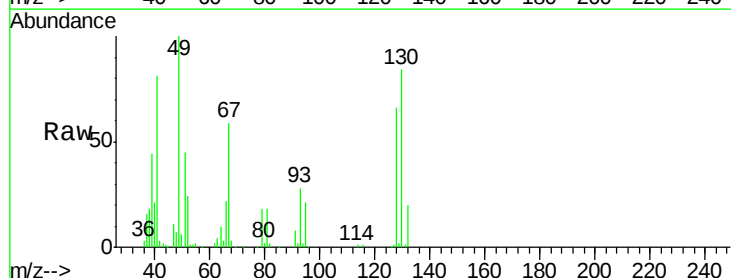
Manual Integrations
 APPROVED

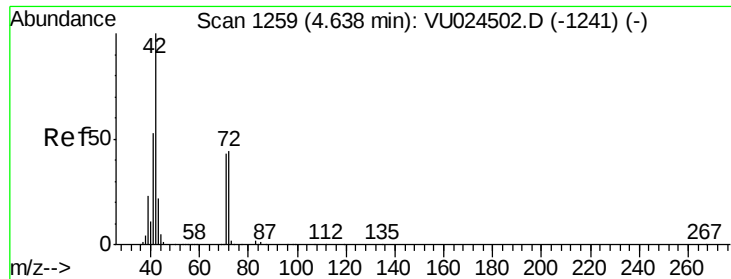
apatel
 6/15/2018 3:16:17 PM



#28
 Bromochloromethane
 Concen: 52.665 ug/l
 RT: 4.55 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU024580.D
 Acq: 15 Jun 2018 07:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	83.1	57.8	86.6





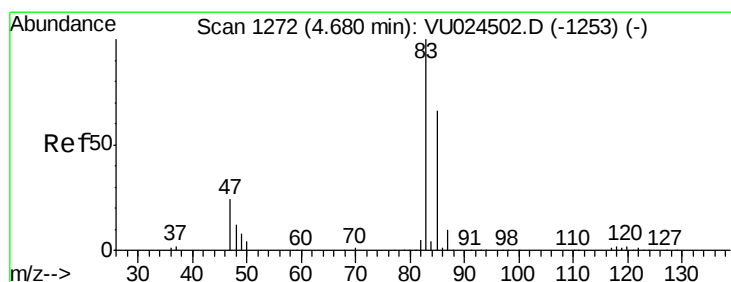
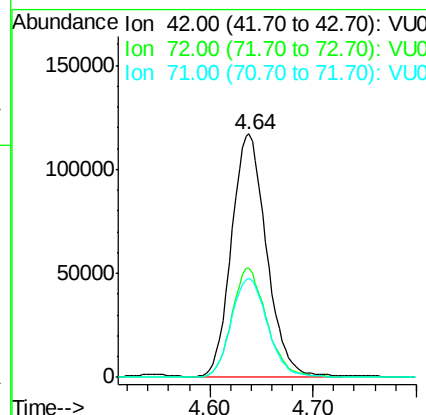
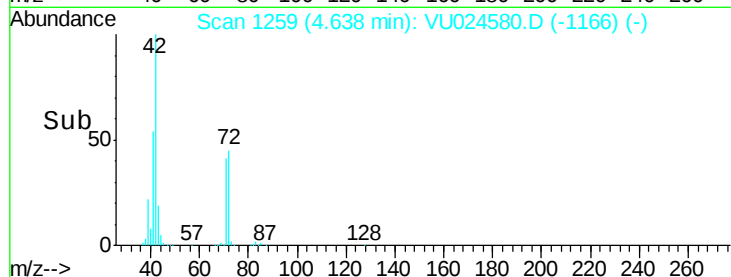
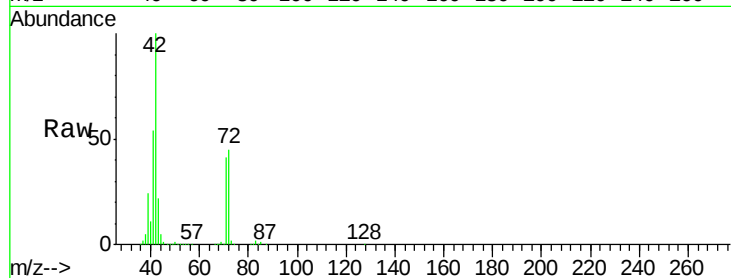
#29
Tetrahydrofuran
Concen: 232.555 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	34.5	51.7
71	42.6	32.2	48.4

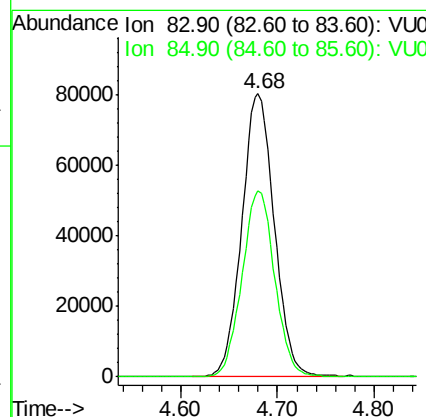
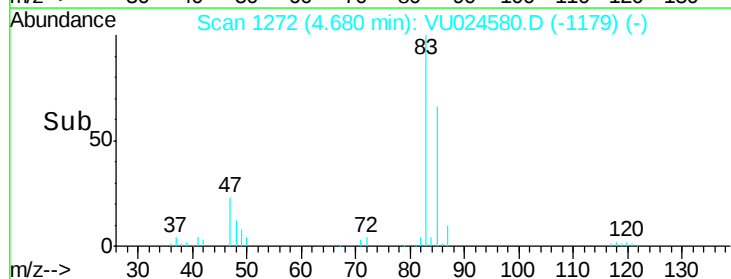
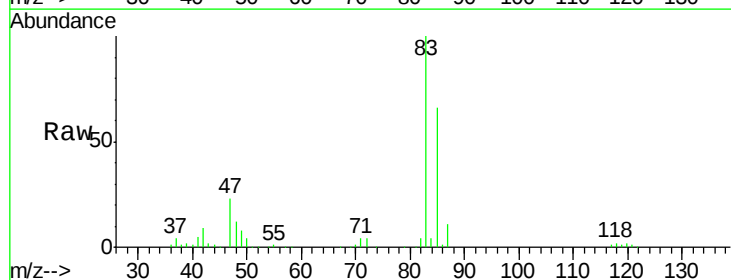
Manual Integrations
APPROVED

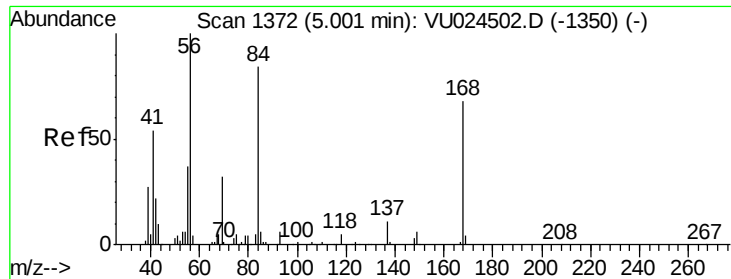
apatel
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#30
Chloroform
Concen: 47.350 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.4	78.6





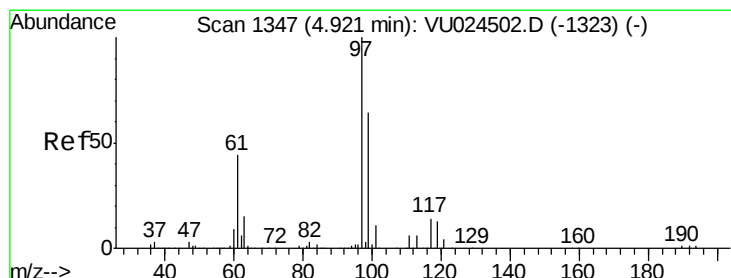
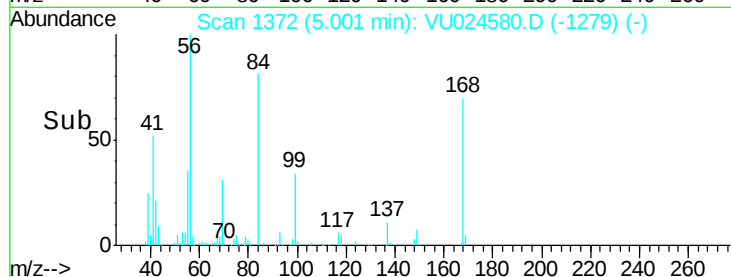
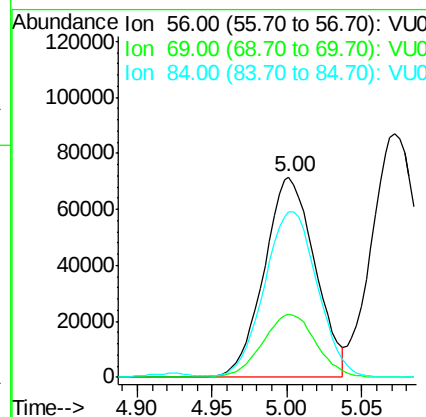
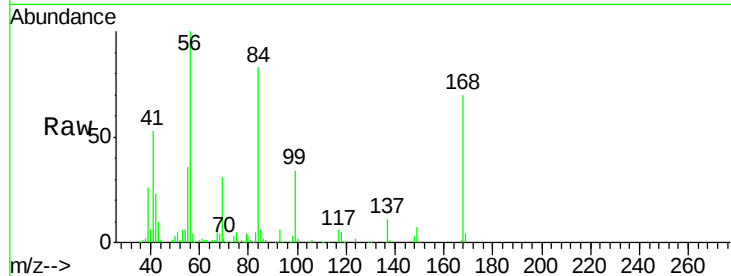
#31
Cyclohexane
Concen: 48.598 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.8	37.2
84	81.6	65.2	97.8

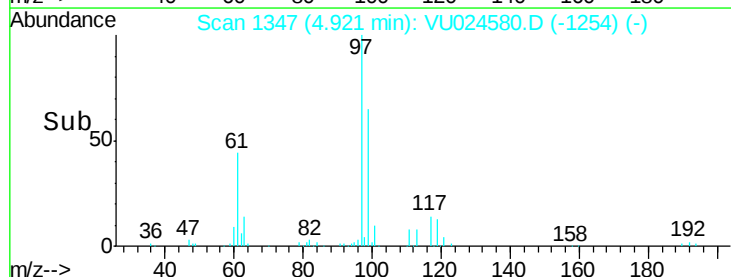
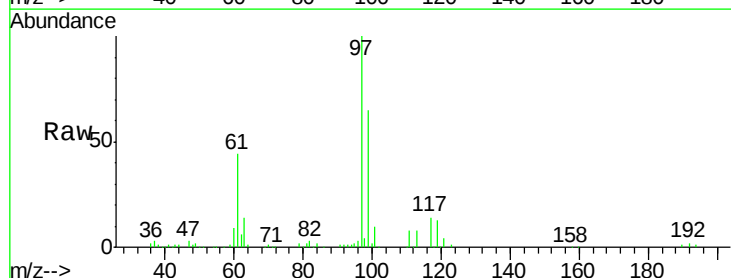
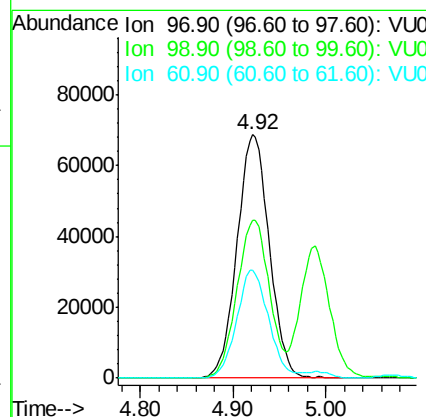
Manual Integrations
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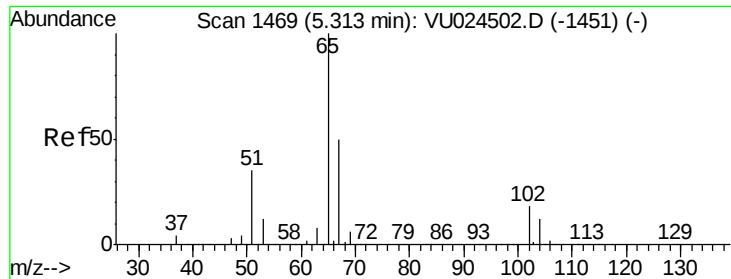
apatel
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#32
1,1,1-Trichloroethane
Concen: 45.301 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.0	76.6
61	44.0	39.4	59.0





#33

1,2-Dichloroethane-d4

Concen: 47.914 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MSD

Tot Ion: 65 Resp: 126915

Ion Ratio Lower Upper

65 100

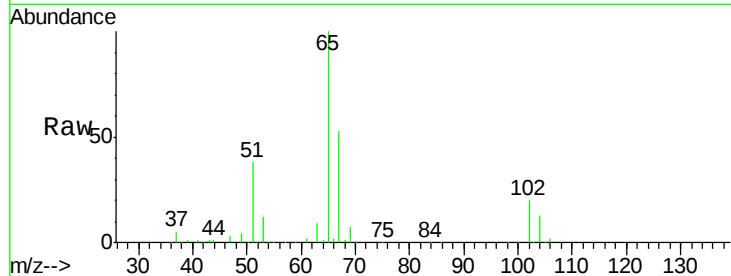
67 54.0 0.0 107.0

Manual Integrations

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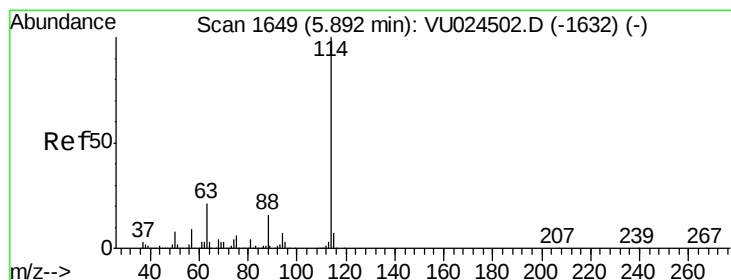
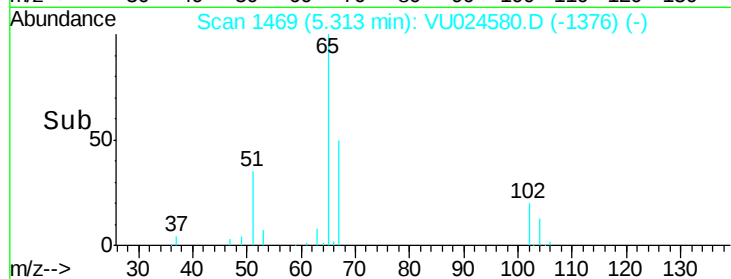
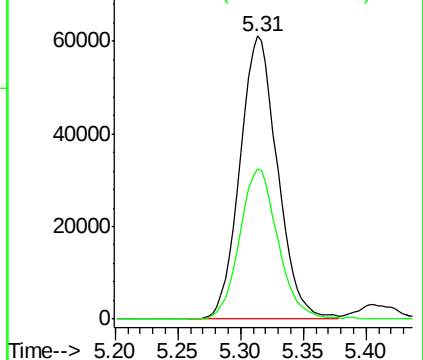
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VU024580.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024580.D (-1376) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

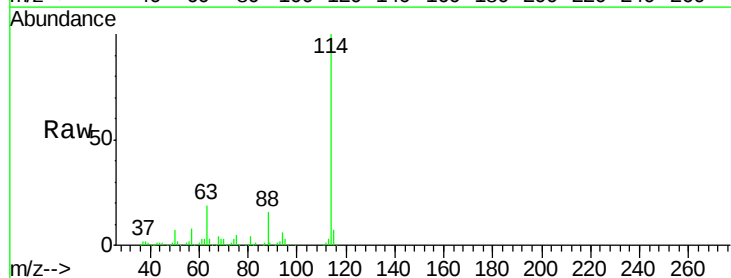
Tgt Ion: 114 Resp: 263078

Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.4

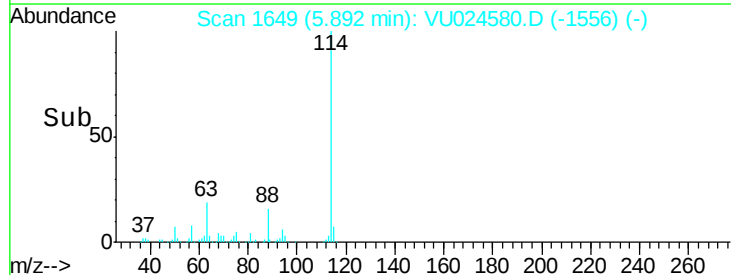
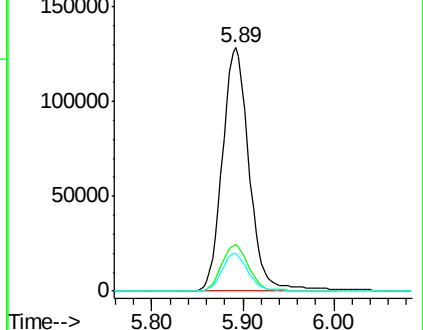
88 15.6 0.0 31.0

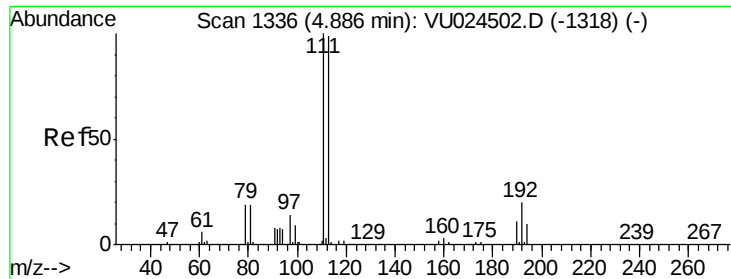


Abundance Ion 113.90 (113.60 to 114.60): VU024580.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU024580.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU024580.D (-1556) (-)





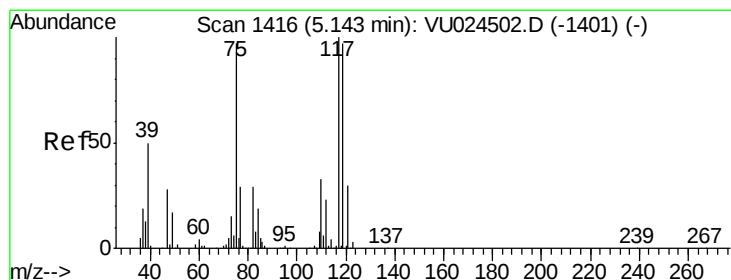
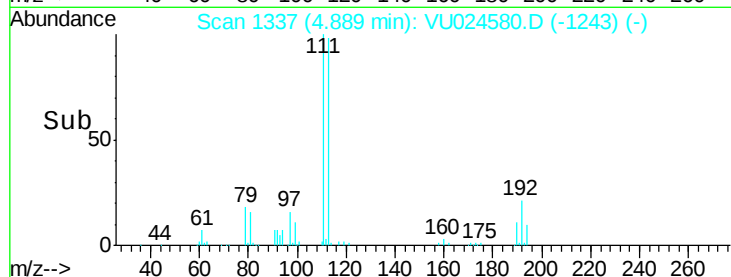
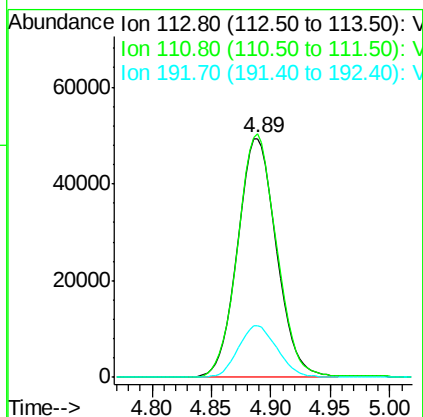
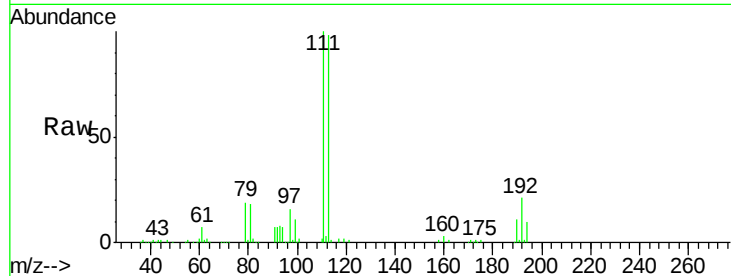
#35
 Dibromofluoromethane
 Concen: 51.314 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024580.D
 Acq: 15 Jun 2018 07:31

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.3	82.2	123.4	
192	21.8	16.2	24.4	

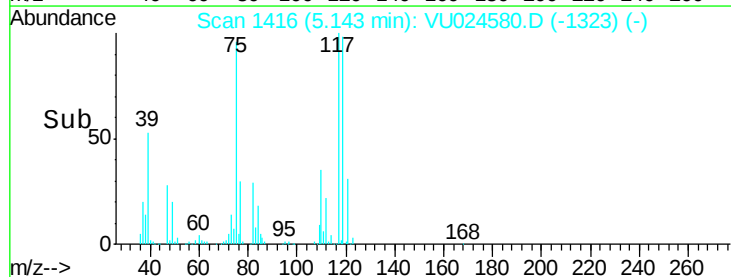
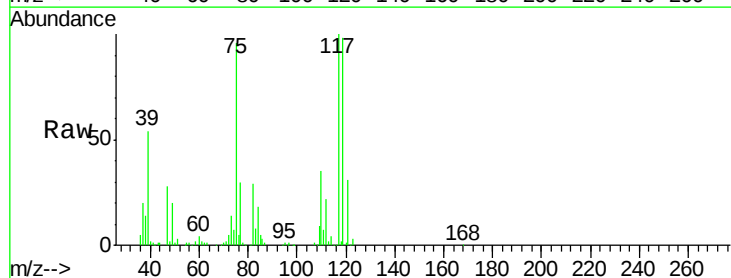
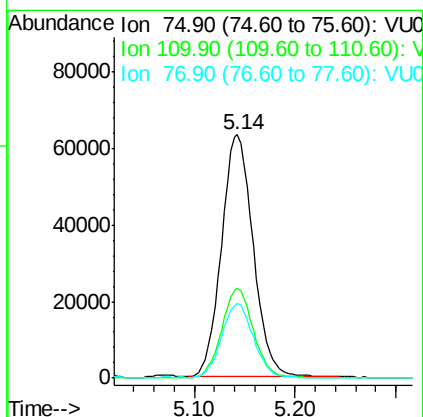
Manual Integrations
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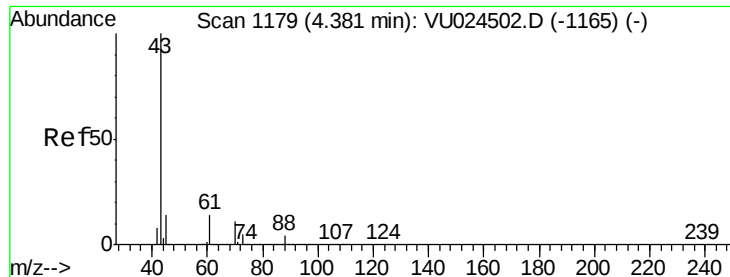
apatel
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#36
 1,1-Dichloropropene
 Concen: 44.845 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VU024580.D
 Acq: 15 Jun 2018 07:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.9	17.0	50.9	
77	30.5	24.2	36.4	





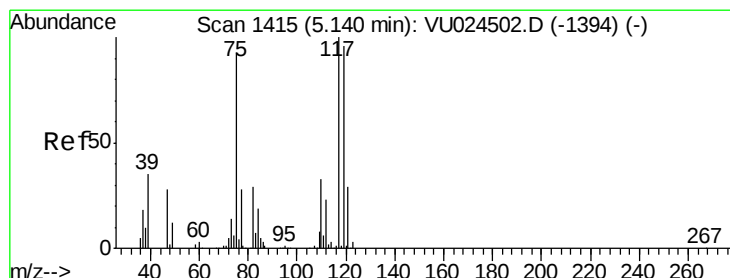
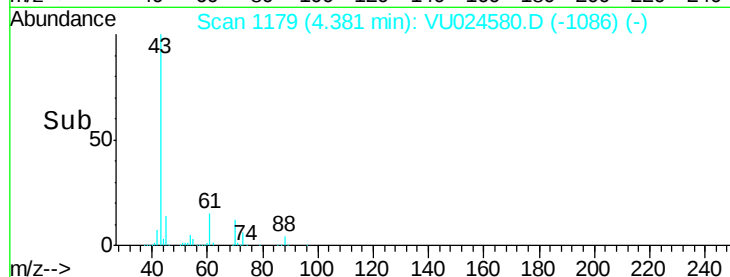
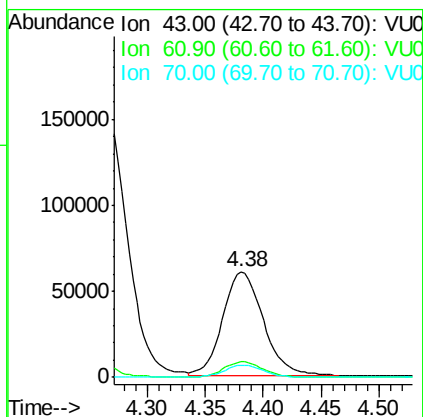
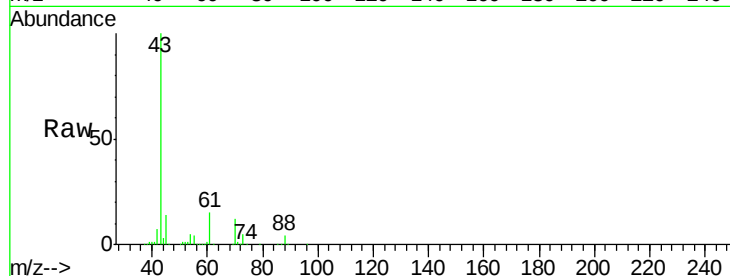
#37
Ethyl Acetate
Concen: 43.372 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.5	15.7
70	11.6	7.4	11.2

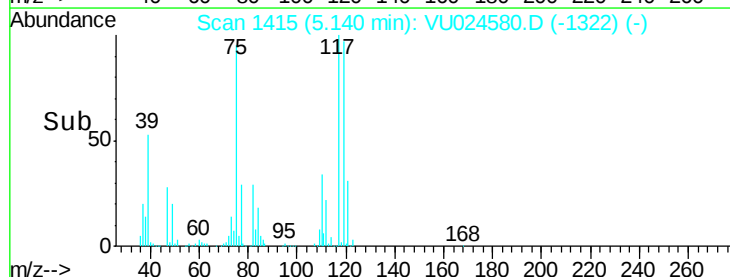
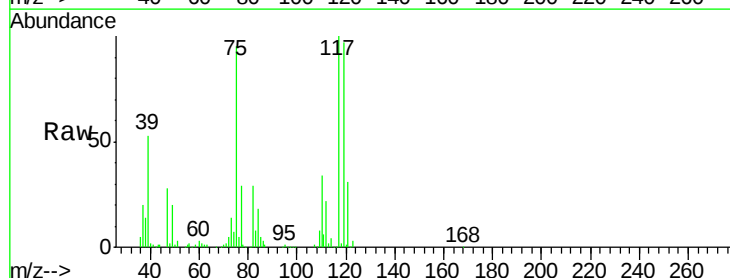
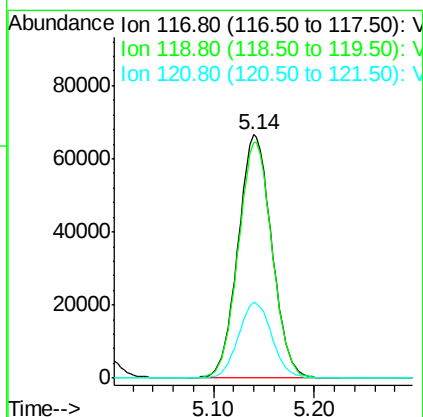
Manual Integrations
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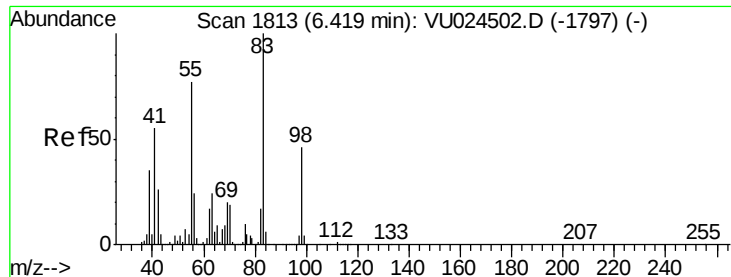
apatel
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#38
Carbon Tetrachloride
Concen: 45.250 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.1	114.1
121	31.0	23.7	35.5





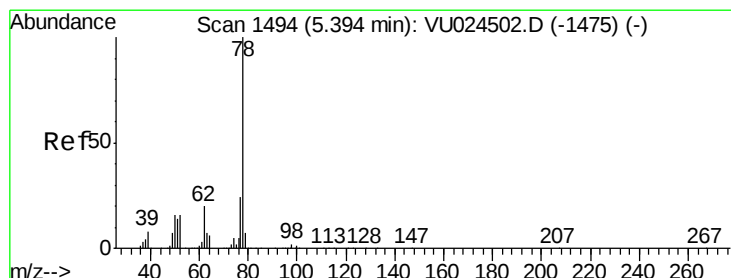
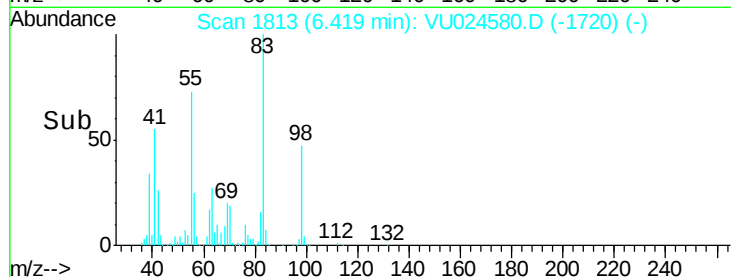
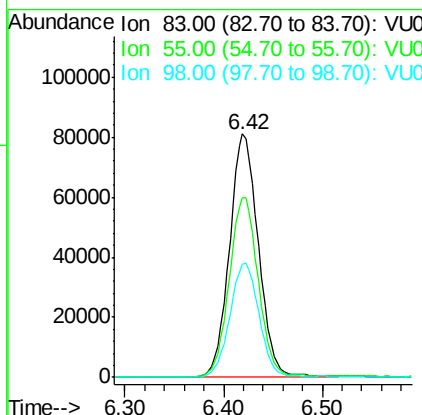
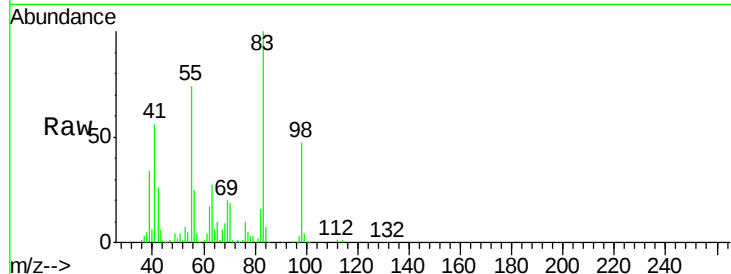
#39
Methvlcvclohexane
Concen: 42.787 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.5	65.8	98.6
98	46.6	36.7	55.1

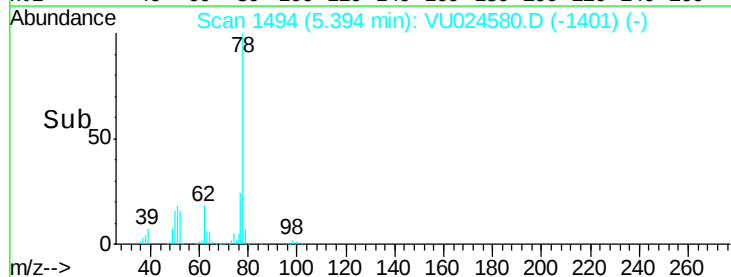
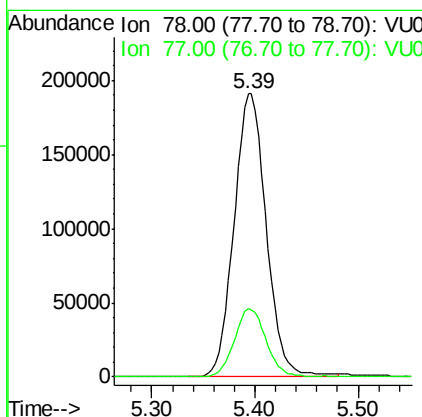
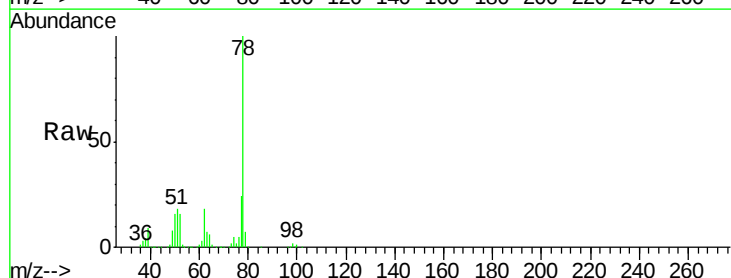
Manual Integrations
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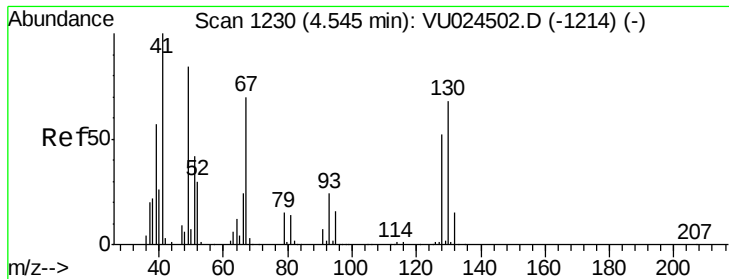
apatel
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#40
Benzene
Concen: 47.210 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8





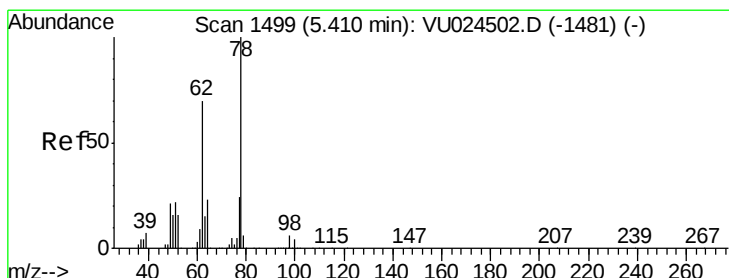
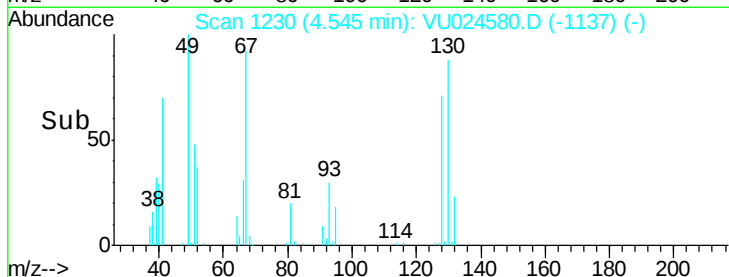
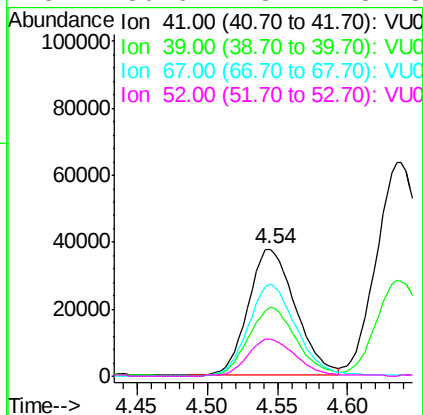
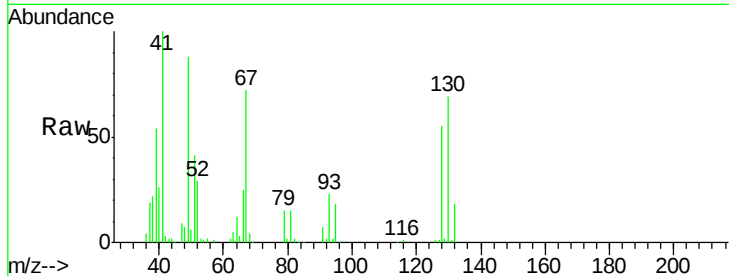
#41
Methacrylonitrile
Concen: 48.541 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.6	43.8	65.6	
67	74.5	56.3	84.5	
52	30.6	23.2	34.8	

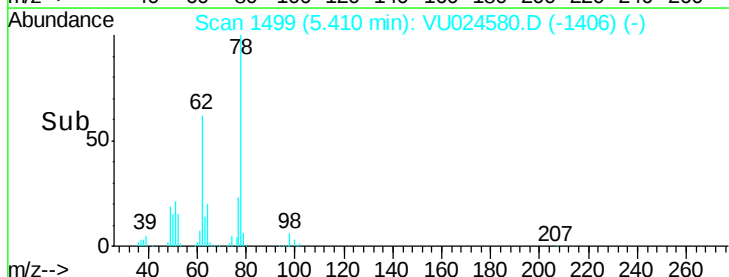
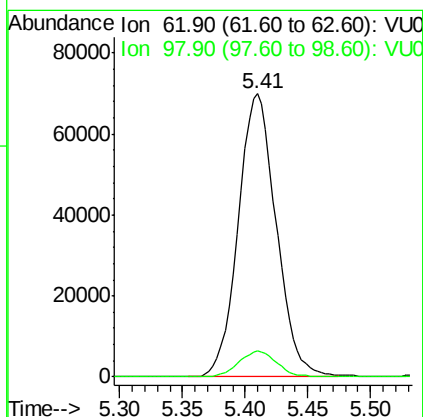
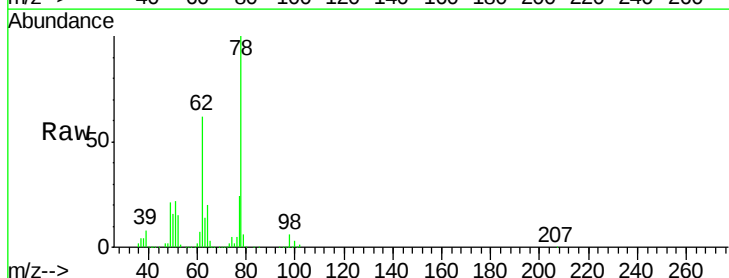
Manual Integrations
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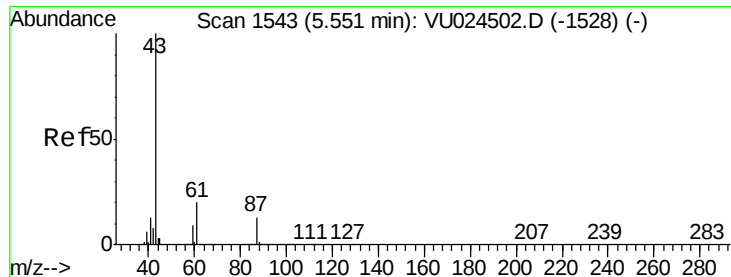
apatel
6/15/2018 3:16:17 PM



#42
1,2-Dichloroethane
Concen: 43.930 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	16.6	





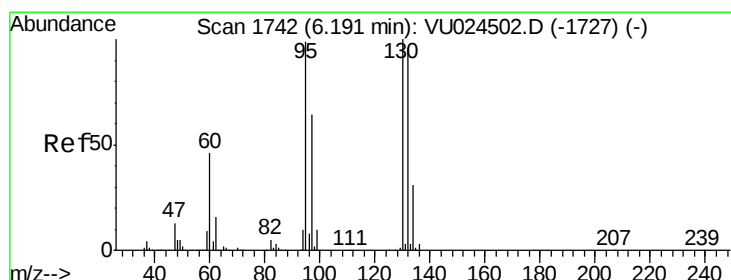
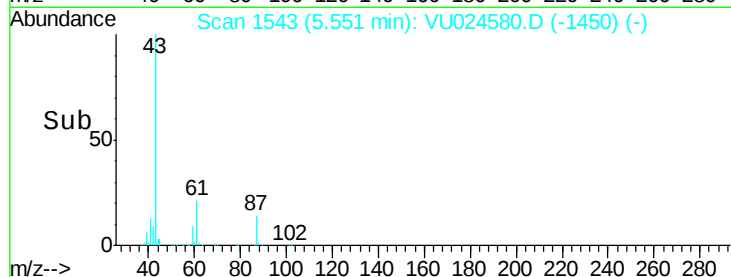
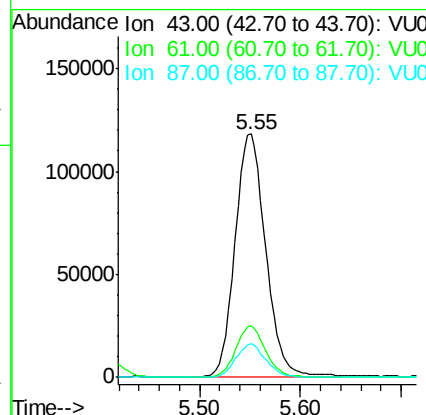
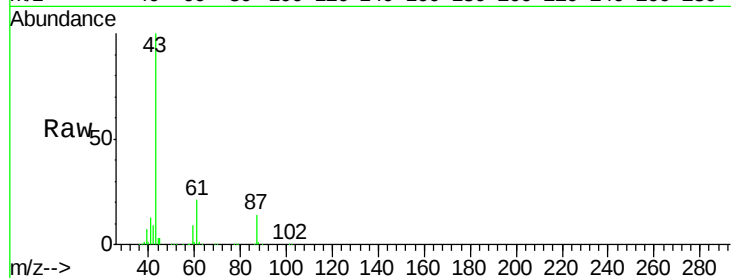
#43
Isopropyl Acetate
Concen: 42.742 ug/l
RT: 5.55 min Scan# 1543
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	15.4	23.0
87	13.5	10.0	15.0

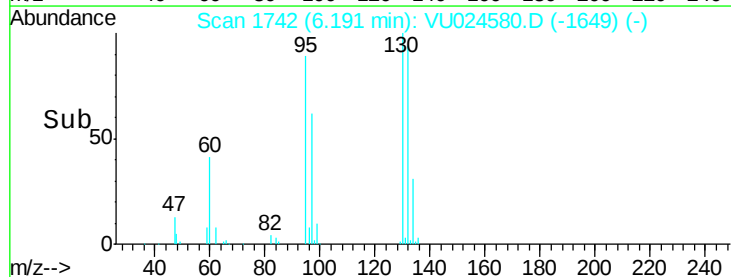
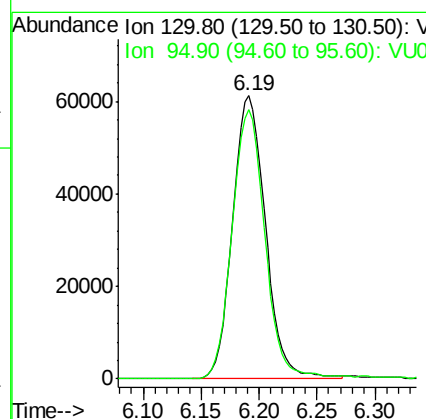
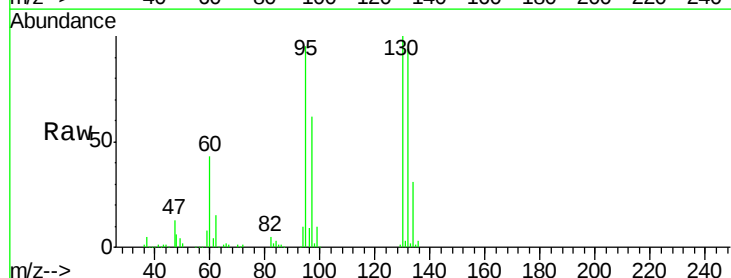
Manual Integrations
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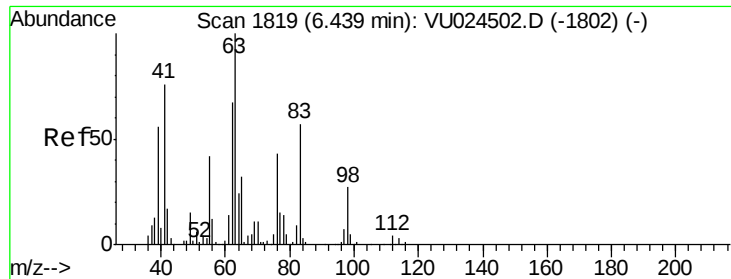
apatel
6/15/2018 3:16:17 PM



#44
Trichloroethene
Concen: 47.971 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	202.4





#45

1,2-Dichloropropane

Concen: 47.873 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MSD

Tot Ion: 63 Resp: 112520

Ion Ratio Lower Upper

63 100

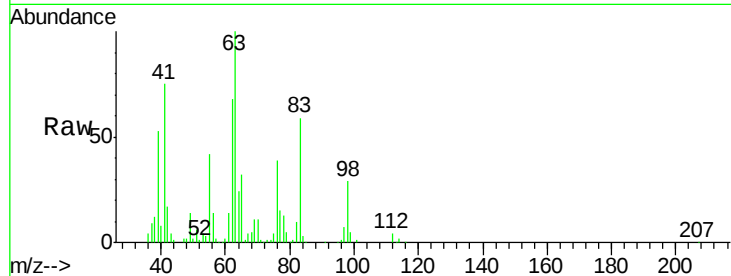
65 31.6 24.8 37.2

Manual Integrations

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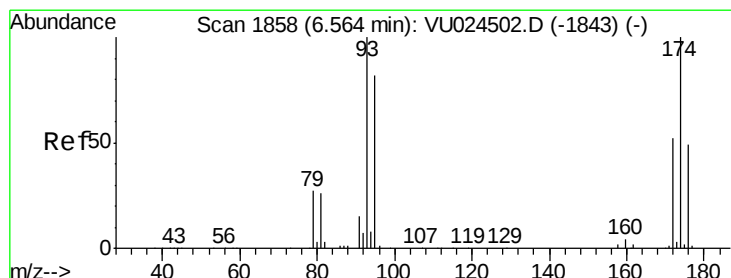
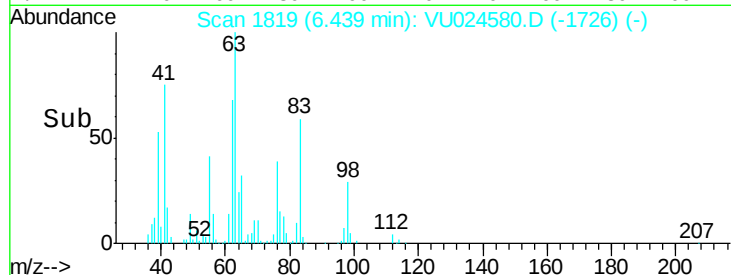
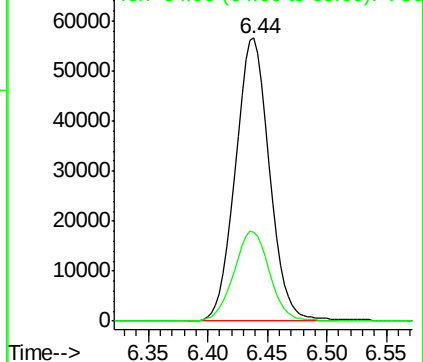
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 47.583 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

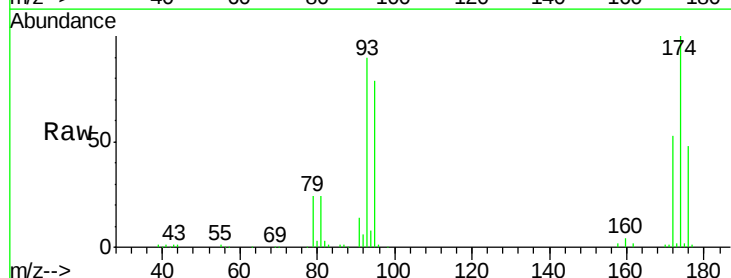
Tgt Ion: 93 Resp: 78556

Ion Ratio Lower Upper

93 100

95 85.7 65.5 98.3

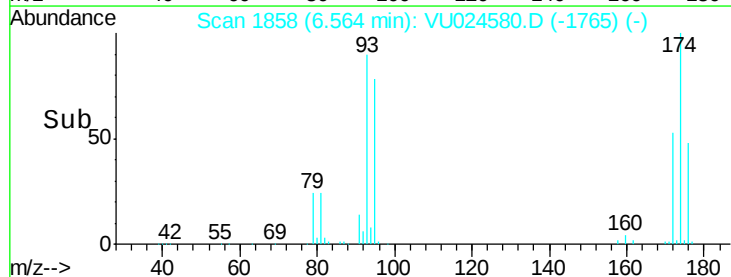
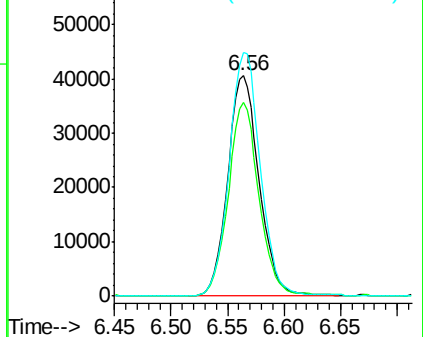
174 109.9 78.7 118.1

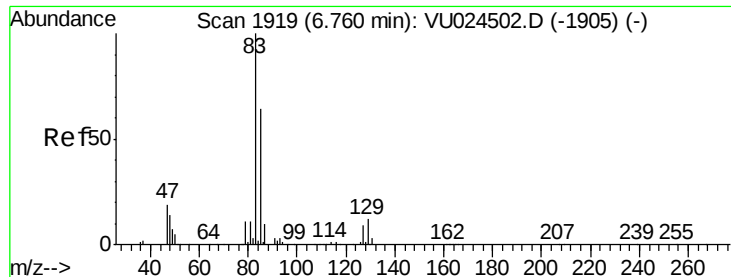


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.597 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Instrument :

MSVOA_U

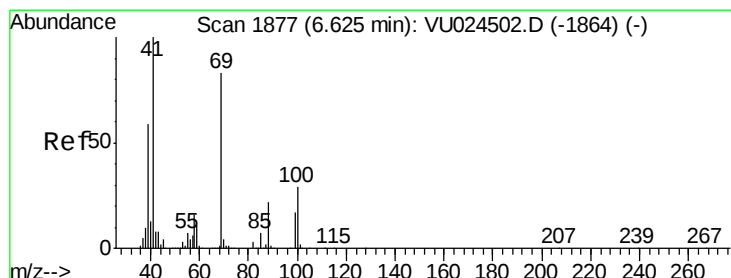
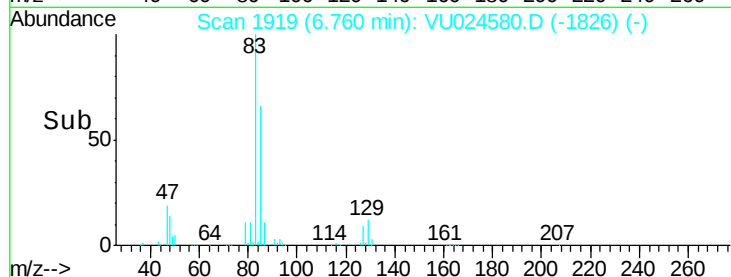
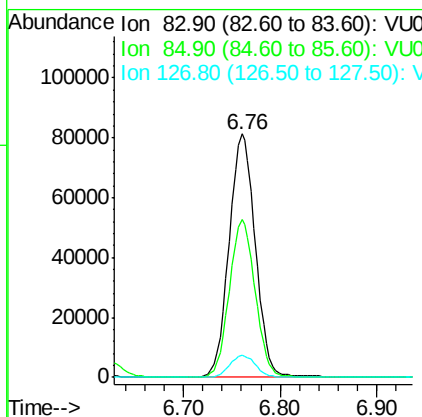
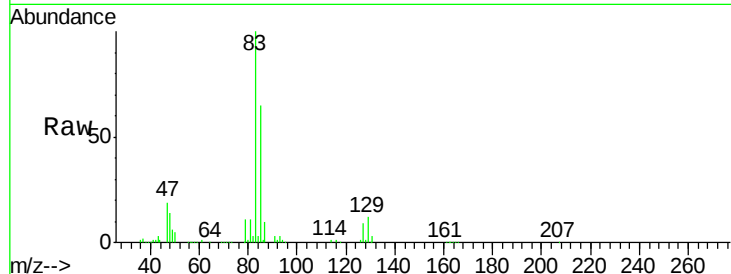
ClientSampleId :

SS050MW047-180610MSD

Tot Ion:	83	Resp:	153185
Ion Ratio	Lower	Upper	
83	100		
85	64.6	51.9	77.9
127	9.1	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.395 ug/l

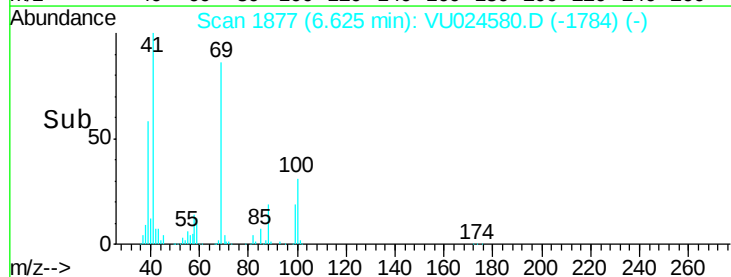
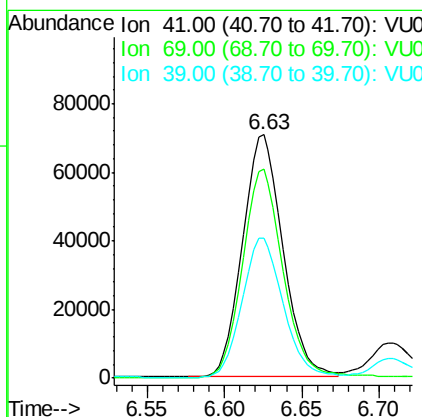
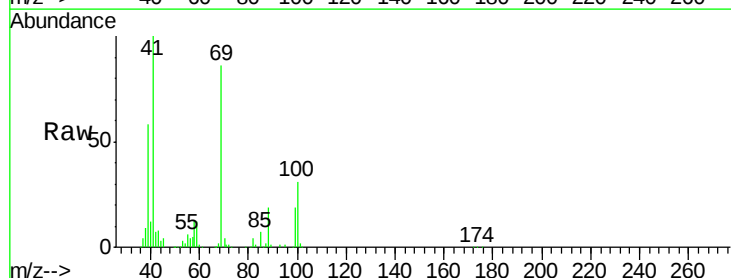
RT: 6.63 min Scan# 1877

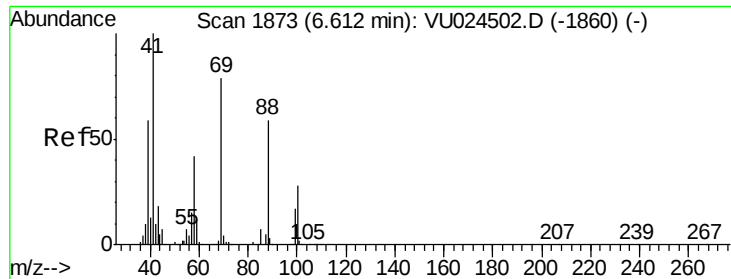
Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Tgt Ion:	41	Resp:	128739
Ion Ratio	Lower	Upper	
41	100		
69	86.7	67.3	100.9
39	58.1	46.5	69.7





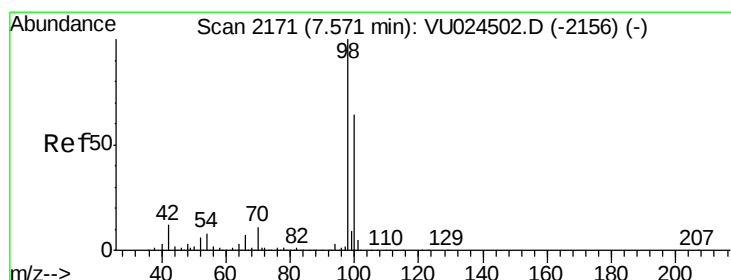
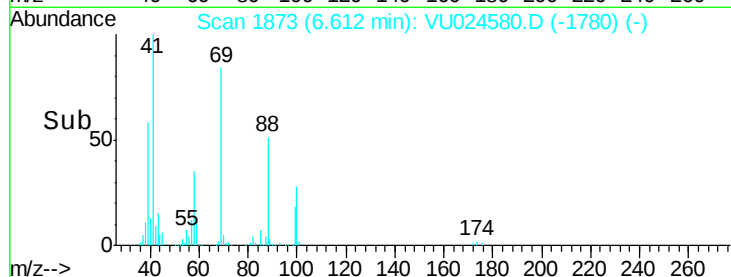
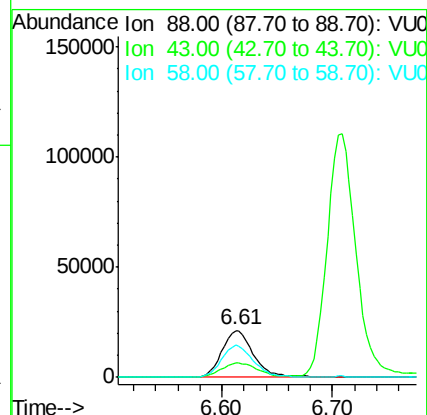
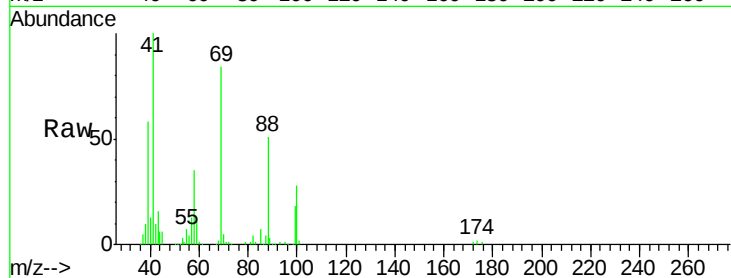
#49
1,4-Dioxane
Concen: 742.300 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	28.6	42.8
58	71.3	58.2	87.4

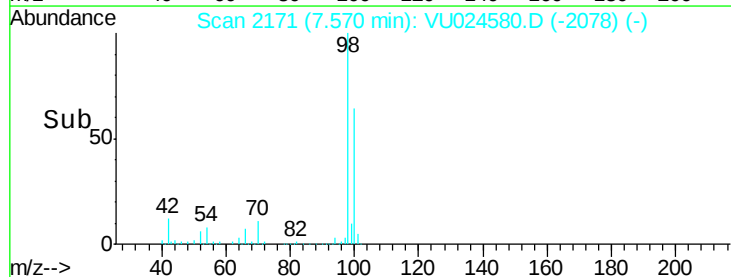
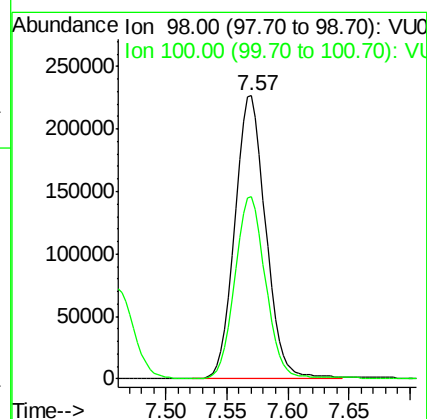
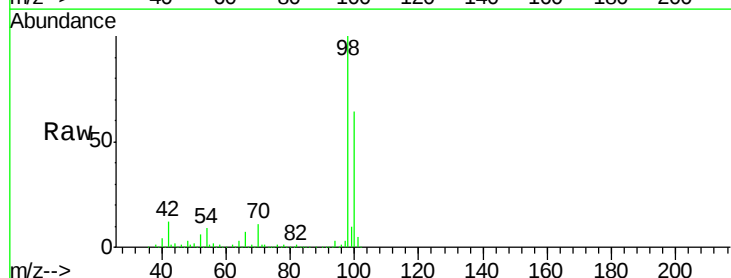
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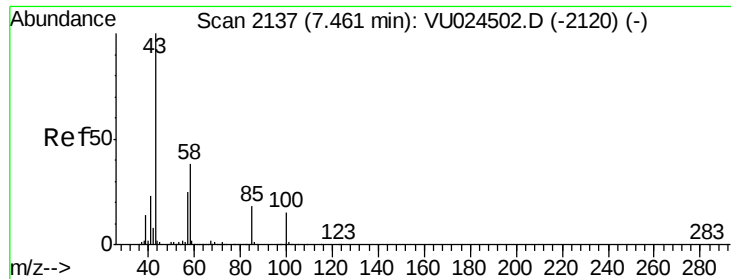
apatel
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#50
Toluene-d8
Concen: 50.334 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.1	76.7





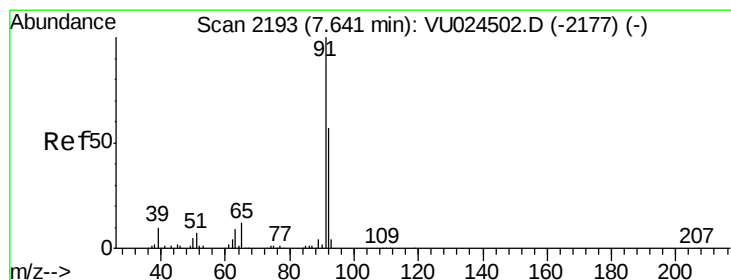
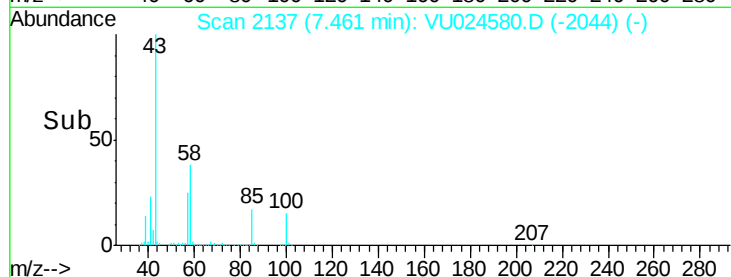
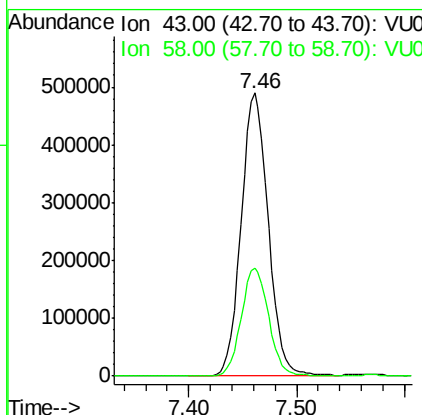
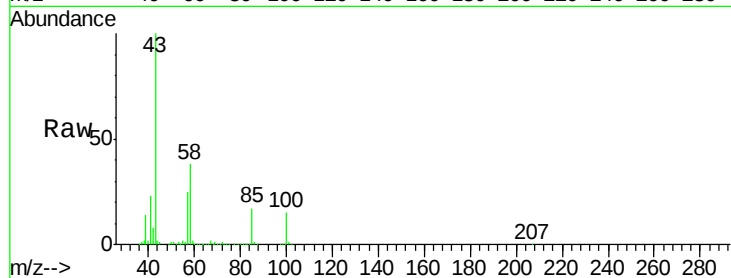
#51
4-Methyl-2-Pentanone
Concen: 233.723 ug/l
RT: 7.46 min Scan# 2137
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MSD

Tot Ion	43	Resp	855193
Ion Ratio	100	Lower	Upper
43	100		
58	38.7	30.0	45.0

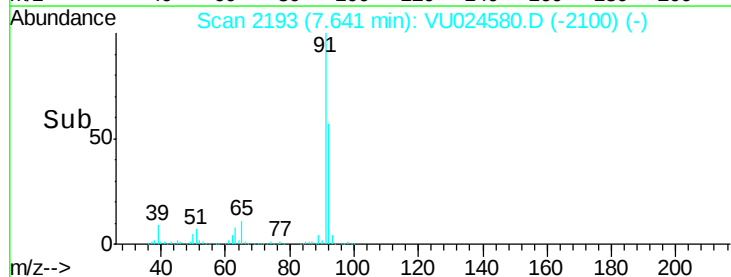
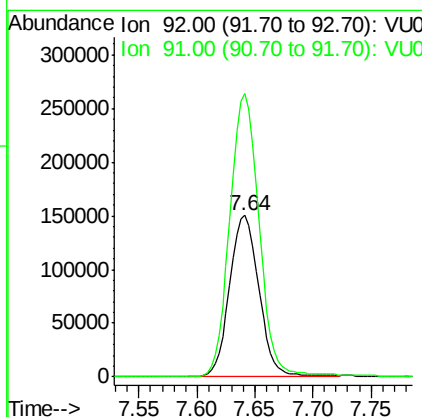
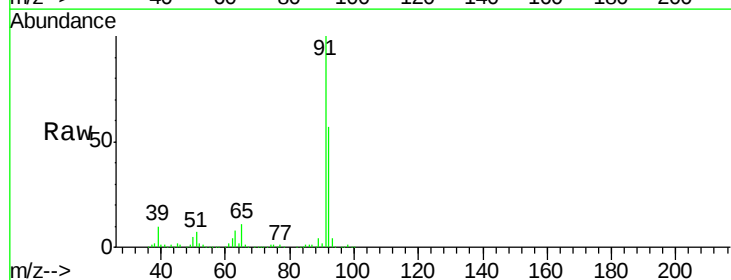
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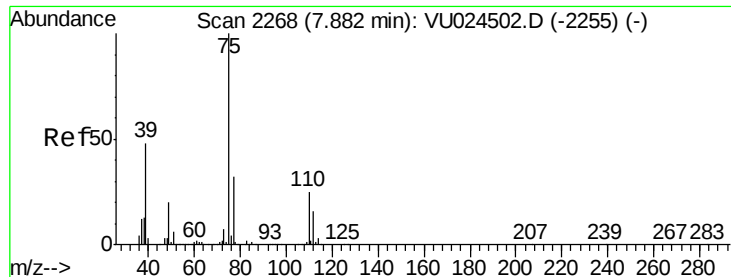
apatel
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#52
Toluene
Concen: 46.870 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Tgt Ion	92	Resp	265622
Ion Ratio	100	Lower	Upper
92	100		
91	175.4	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 42.675 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MSD

Tot Ion: 75 Resp: 157549

Ion Ratio Lower Upper

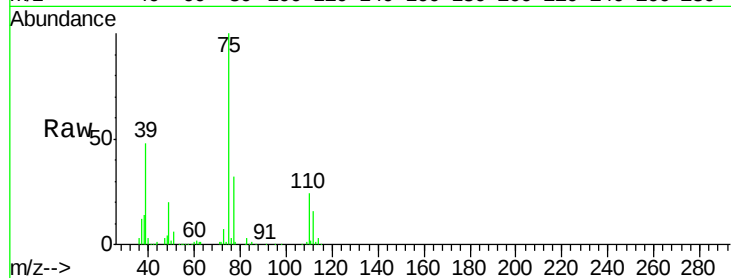
75 100

77 31.7 24.8 37.2

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Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

7.88

100000

80000

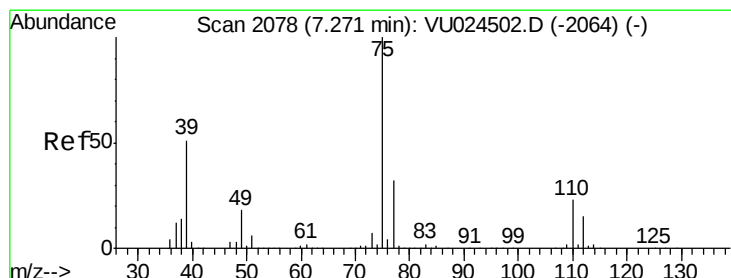
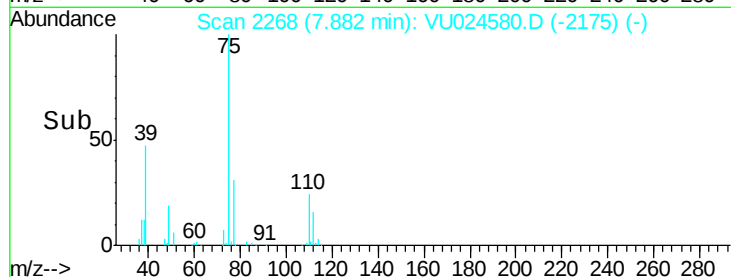
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 42.567 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

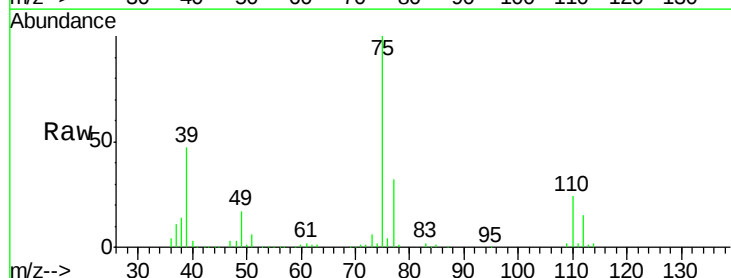
Tgt Ion: 75 Resp: 167455

Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

39 47.3 39.8 59.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

120000

100000

80000

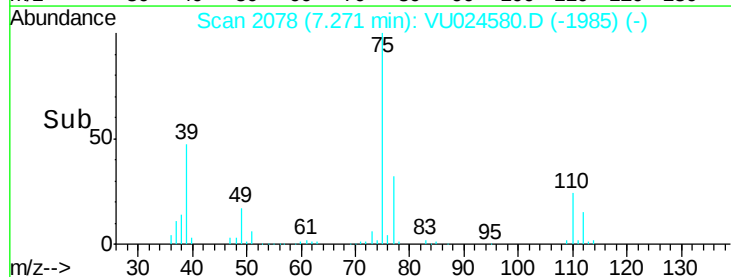
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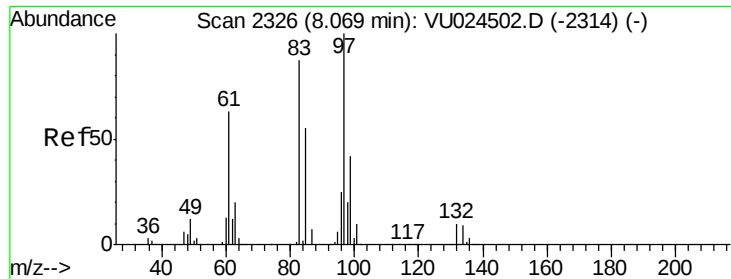
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20000

0

Time-->





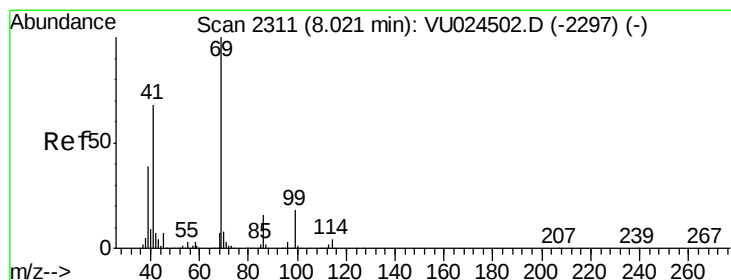
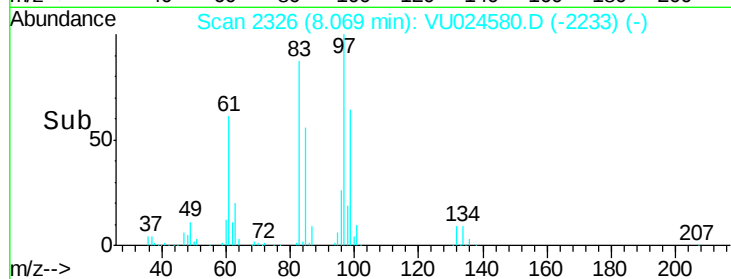
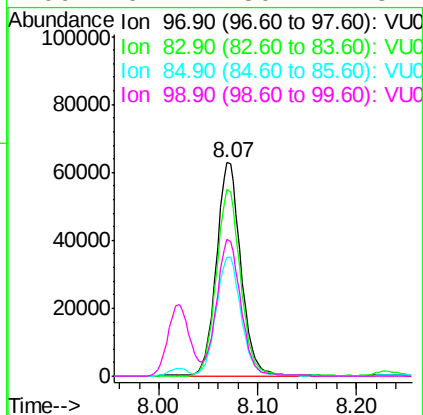
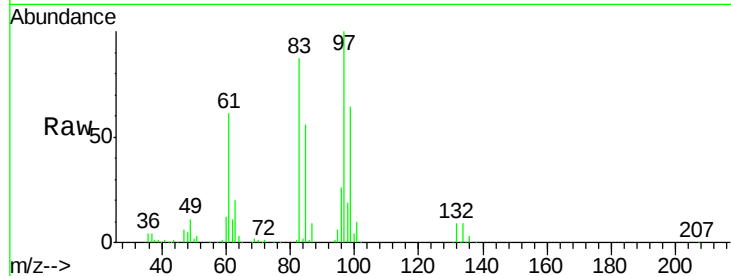
#55
 1,1,2-Trichloroethane
 Concen: 47.087 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU024580.D
 Acq: 15 Jun 2018 07:31

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MSD

Tot Ion	97	Resp	108472
Ion Ratio	Lower	Upper	
97	100		
83	87.3	70.5	105.7
85	56.0	46.4	69.6
99	64.1	50.2	75.2

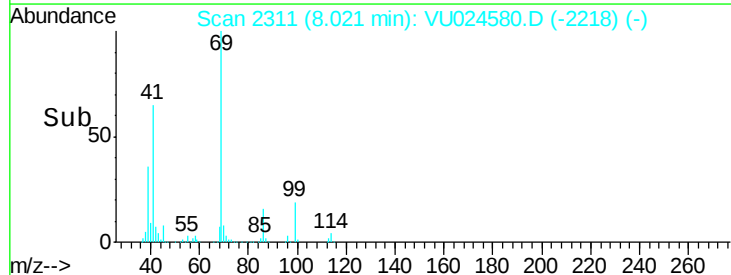
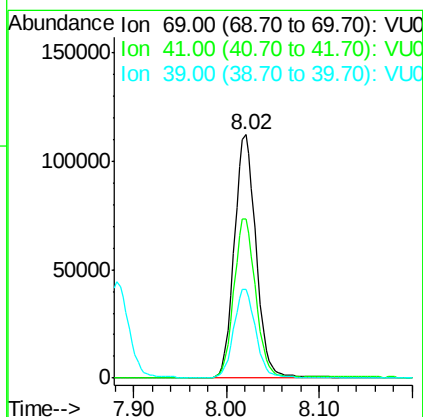
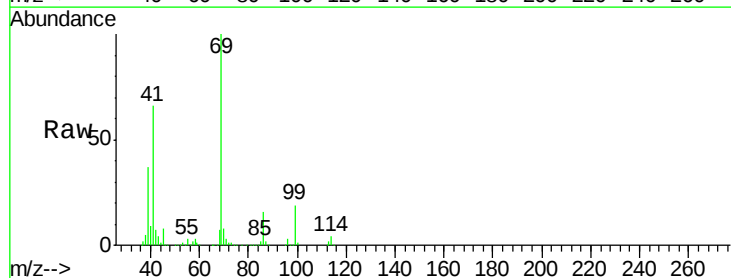
Manual Integrations
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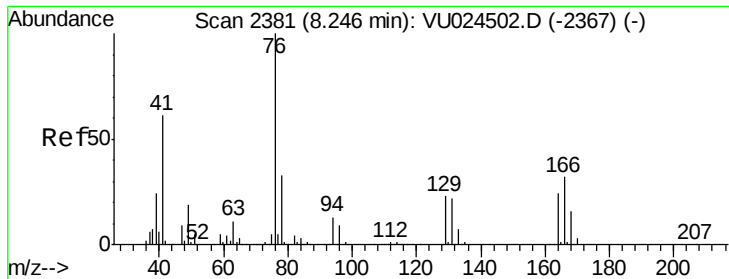
apatel
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#56
 Ethyl methacrylate
 Concen: 47.501 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024580.D
 Acq: 15 Jun 2018 07:31

Tgt Ion	69	Resp	183150
Ion Ratio	Lower	Upper	
69	100		
41	64.9	54.1	81.1
39	36.1	30.3	45.5





#57

1,3-Dichloropropane

Concen: 47.149 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MSD

Tot Ion: 76 Resp: 183224

Ion Ratio Lower Upper

76 100

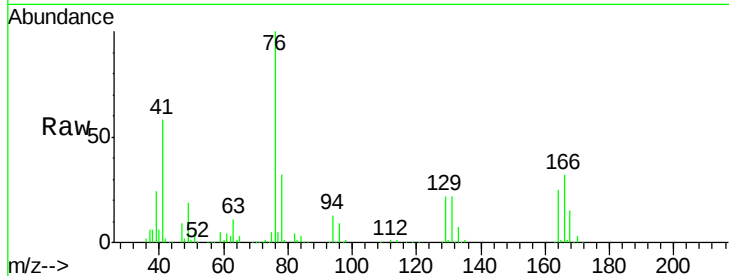
78 32.0 25.2 37.8

Manual Integrations

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apatel

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

8.25

120000

100000

80000

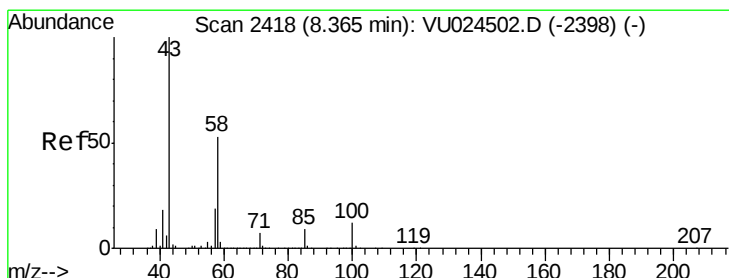
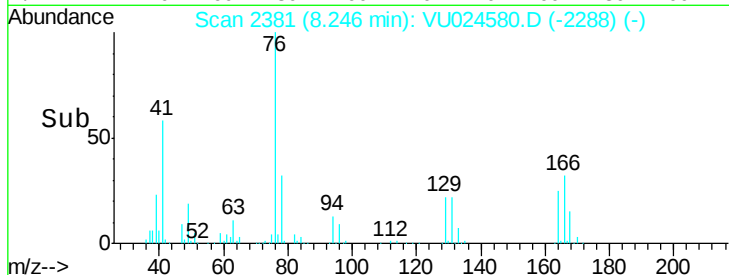
60000

40000

20000

0

Time-->



#59

2-Hexanone

Concen: 223.065 ug/l

RT: 8.36 min Scan# 2417

Delta R.T. -0.00 min

Lab File: VU024580.D

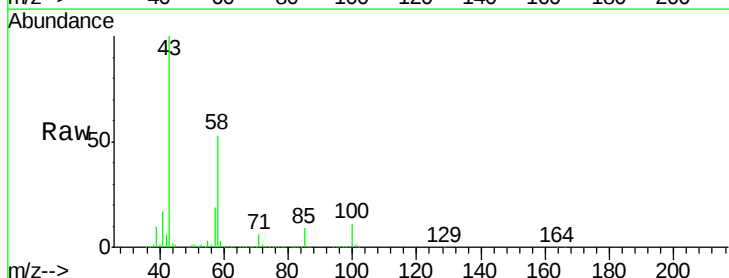
Acq: 15 Jun 2018 07:31

Tgt Ion: 43 Resp: 666345

Ion Ratio Lower Upper

43 100

58 53.4 26.4 79.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

8.36

400000

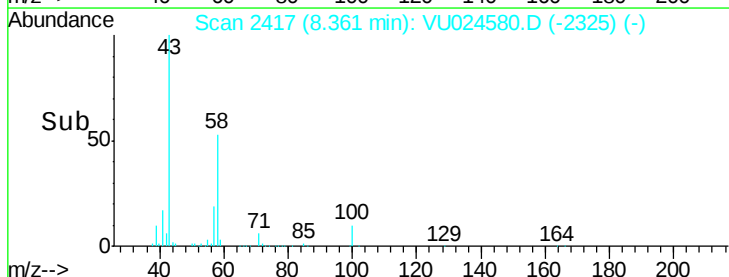
300000

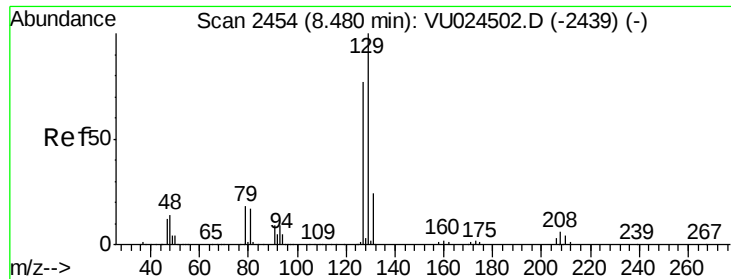
200000

100000

0

Time-->





#60

Dibromochloromethane

Concen: 45.806 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MSD

Tot Ion:129 Resp: 131585

Ion Ratio Lower Upper

129 100

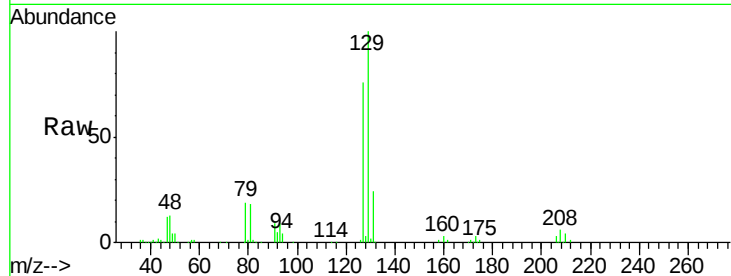
127 77.4 38.6 116.0

Manual Integrations

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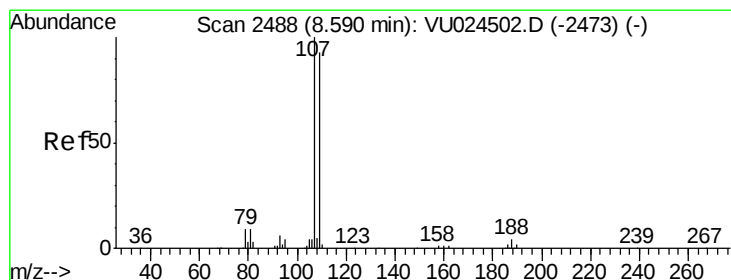
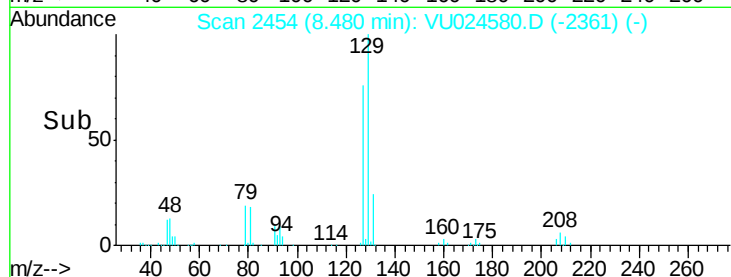
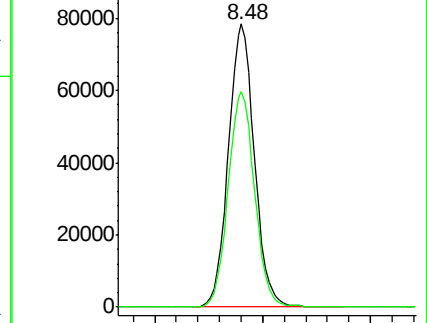
apatel

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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: 47.680 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024580.D

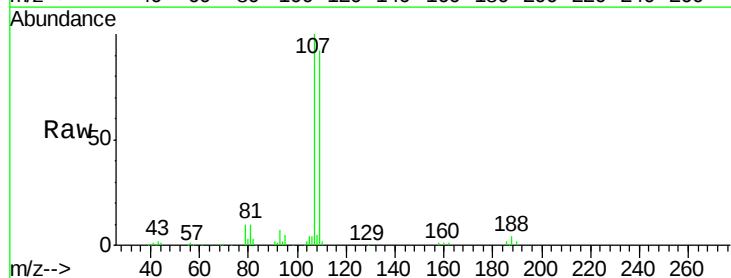
Acq: 15 Jun 2018 07:31

Tgt Ion:107 Resp: 122254

Ion Ratio Lower Upper

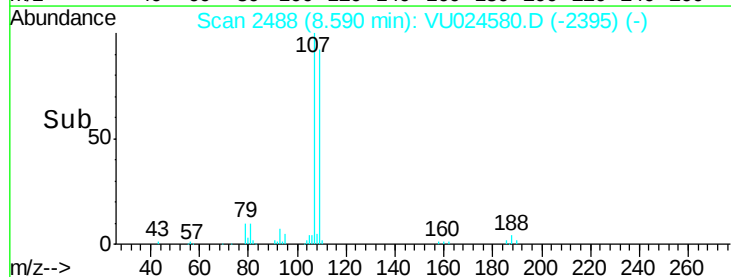
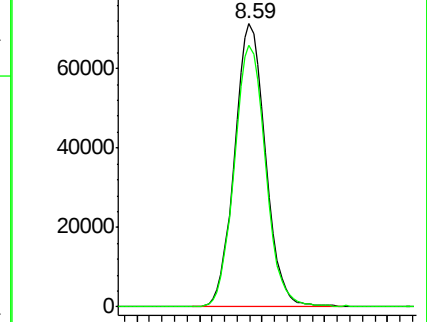
107 100

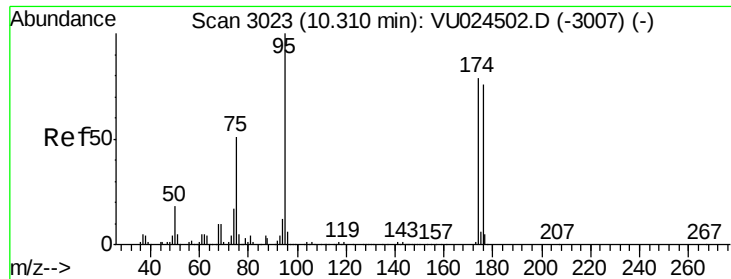
109 93.6 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





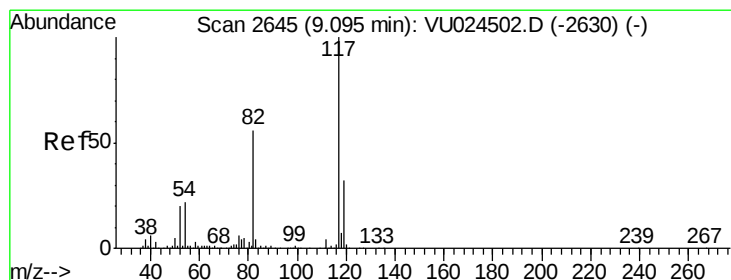
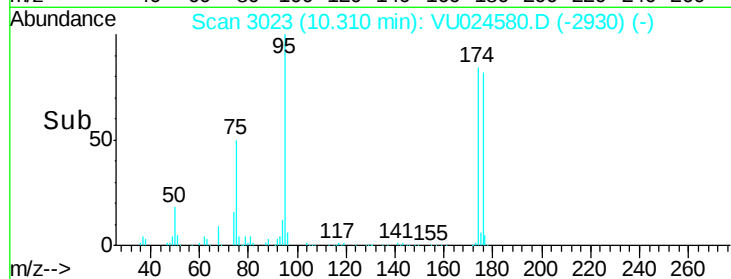
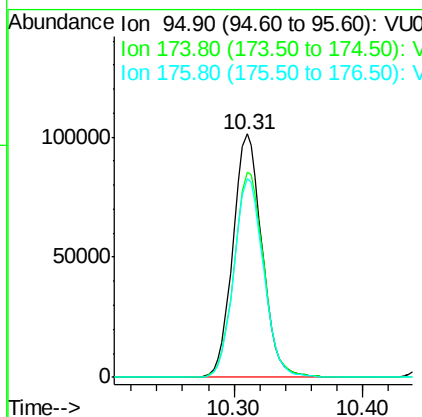
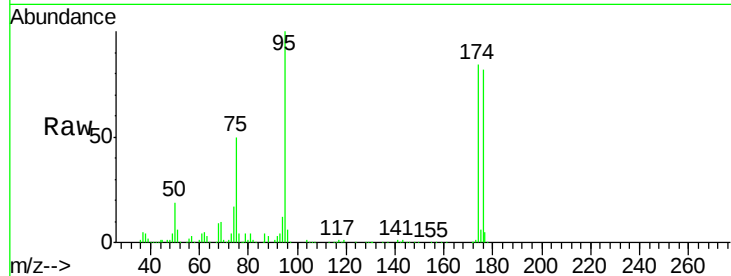
#62
4-Bromofluorobenzene
Concen: 50.278 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	158981		
174	85.8	0.0	165.8	
176	82.9	0.0	159.4	

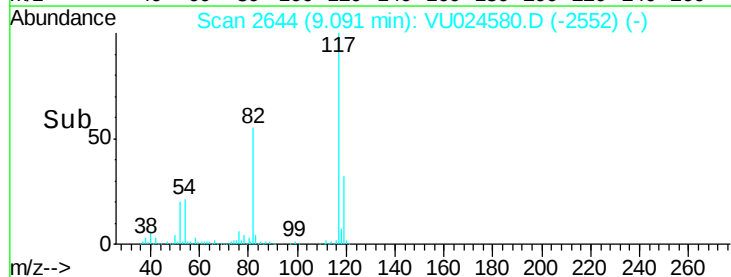
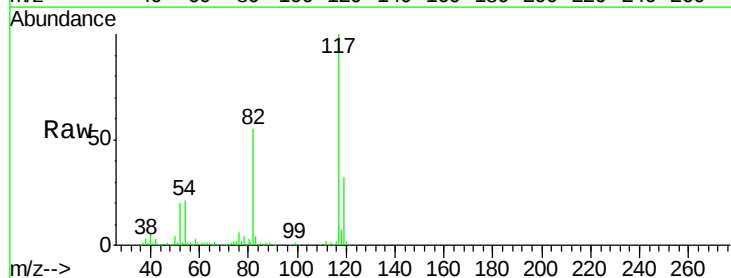
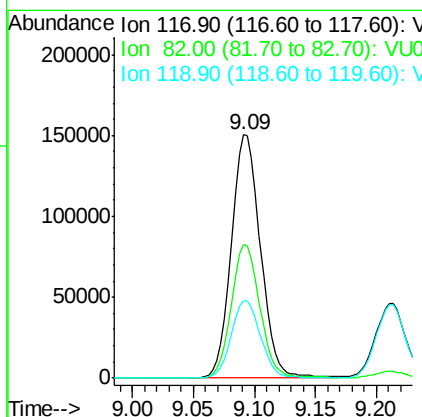
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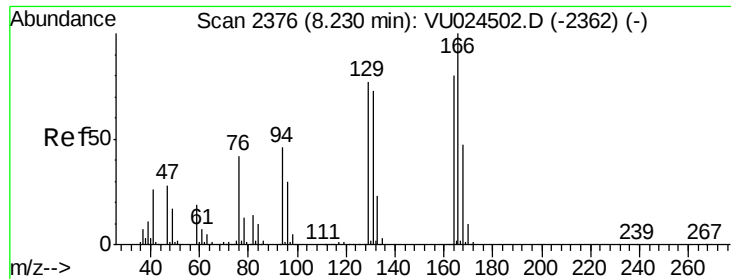
apatel
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	251325		
82	55.0	44.3	66.5	
119	31.8	25.4	38.2	





#64

Tetrachloroethene

Concen: 43.916 ug/l

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Instrument :

MSVOA_U

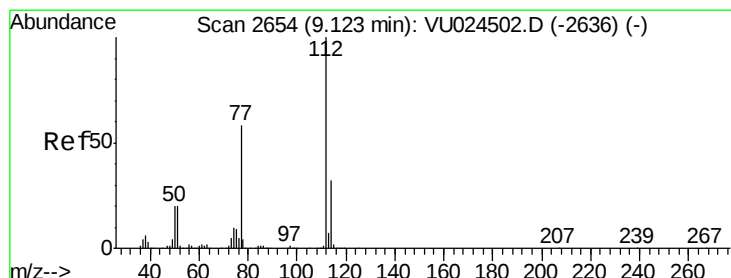
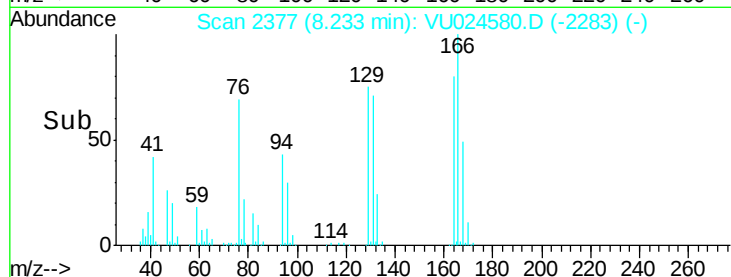
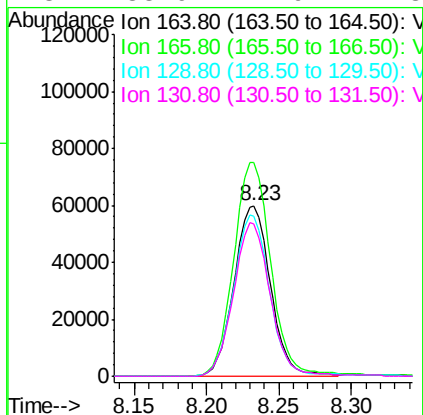
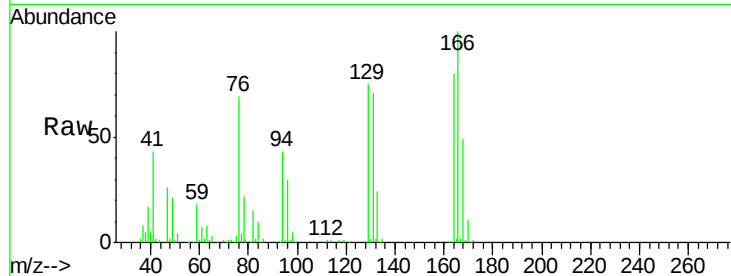
ClientSampleId :

SS050MW047-180610MSD

Tot Ion:	164	Resp:	104914
Ion Ratio	Lower	Upper	
164	100		
166	125.0	101.7	152.5
129	93.9	76.9	115.3
131	88.9	74.9	112.3

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#65

Chlorobenzene

Concen: 47.253 ug/l

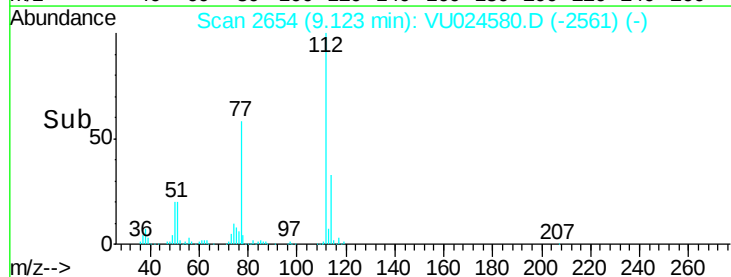
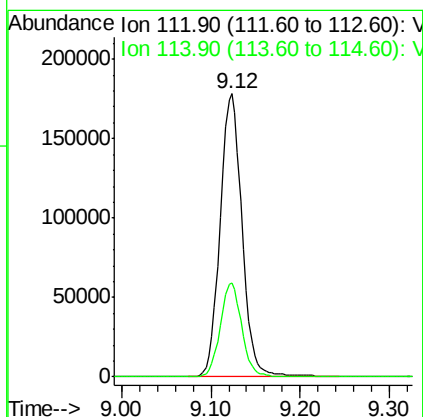
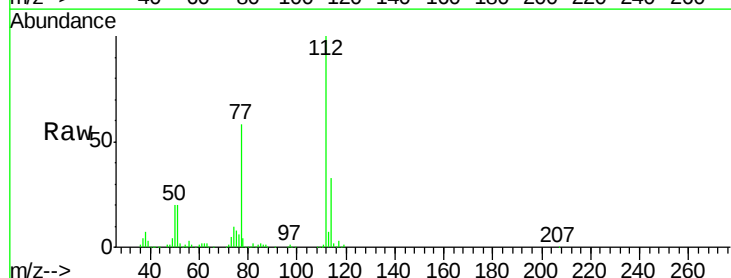
RT: 9.12 min Scan# 2654

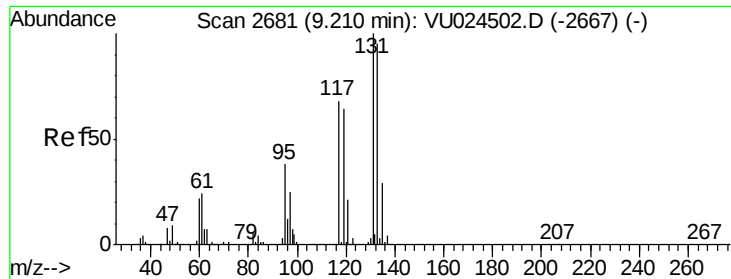
Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Tgt Ion:	112	Resp:	303382
Ion Ratio	Lower	Upper	
112	100		
114	33.1	25.6	38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 46.831 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Instrument :

MSVOA_U

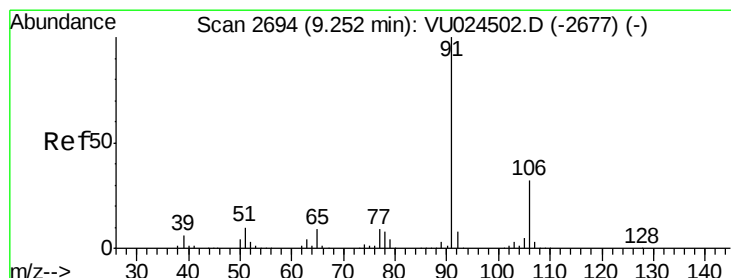
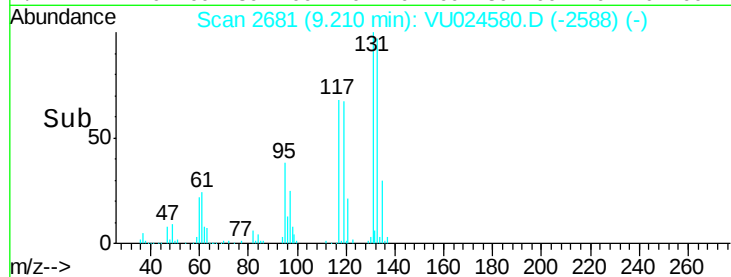
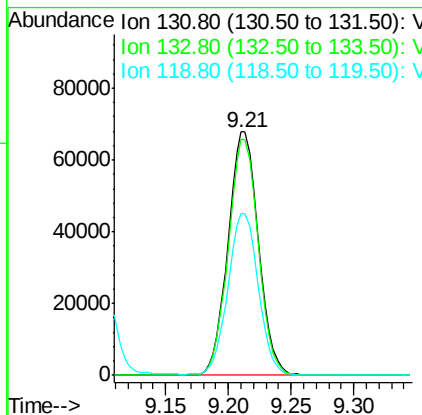
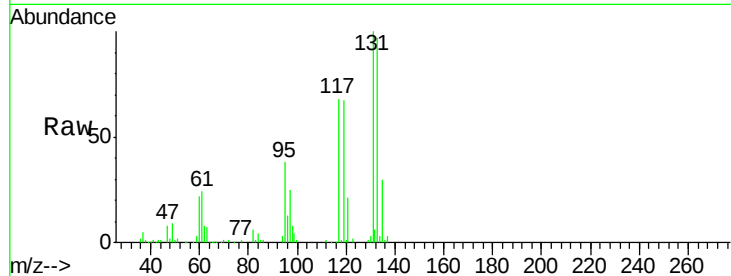
ClientSampleId :

SS050MW047-180610MSD

Tot Ion:	131	Resp:	114234
Ion Ratio	Lower	Upper	
131	100		
133	95.4	46.9	140.8
119	66.7	33.5	100.4

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#67

Ethyl Benzene

Concen: 46.079 ug/l

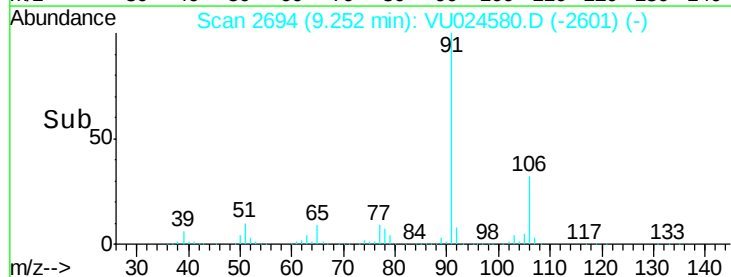
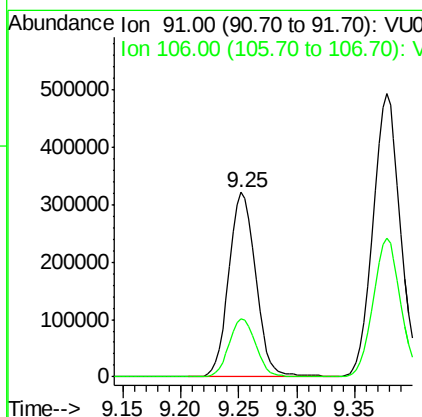
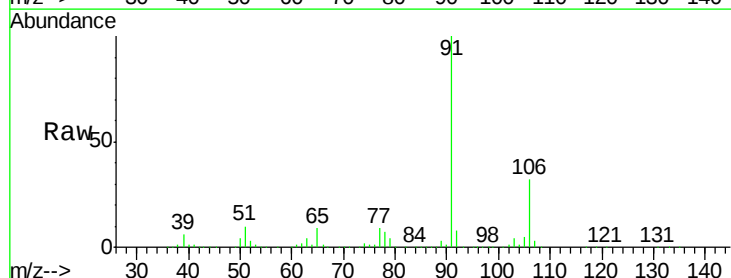
RT: 9.25 min Scan# 2694

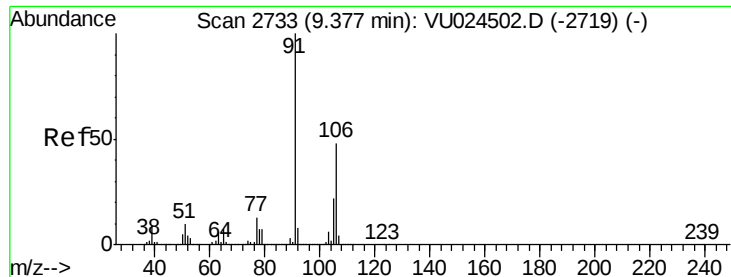
Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Tgt Ion:	91	Resp:	518644
Ion Ratio	Lower	Upper	
91	100		
106	31.5	24.2	36.4





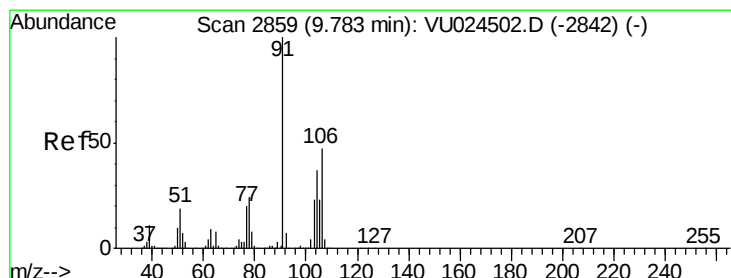
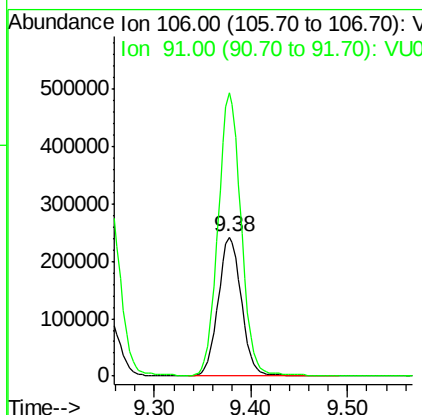
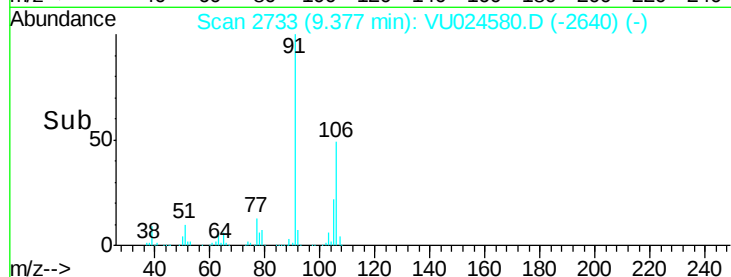
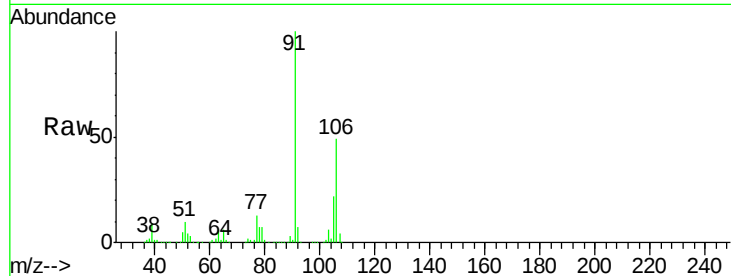
#68
m/p-Xylenes
Concen: 93.572 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MSD

Tot Ion:106 Resp: 404431
Ion Ratio Lower Upper
106 100
91 201.9 166.5 249.7

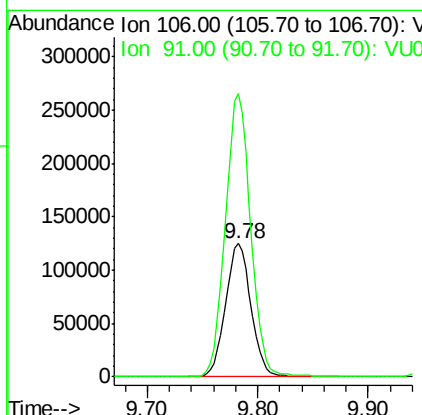
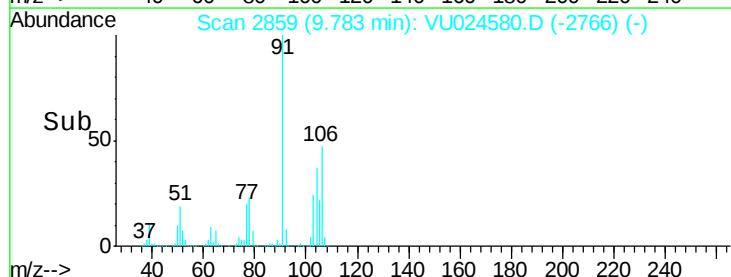
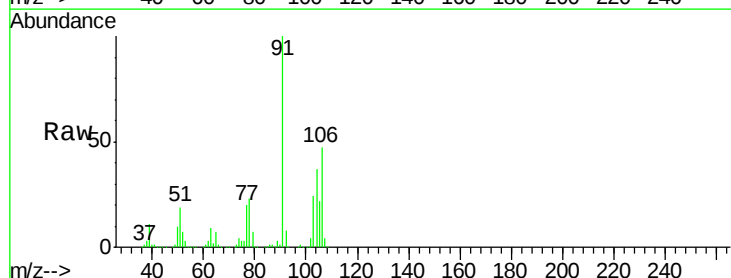
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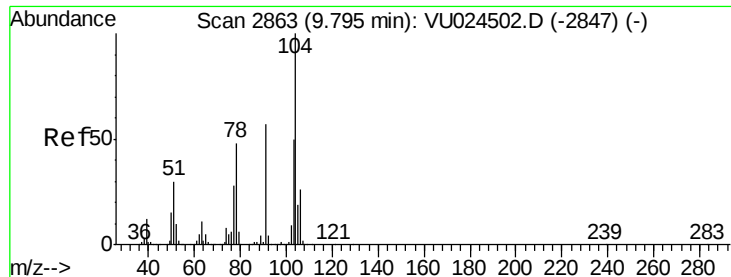
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#69
o-Xylene
Concen: 46.722 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Tgt Ion:106 Resp: 199851
Ion Ratio Lower Upper
106 100
91 211.4 110.7 331.9





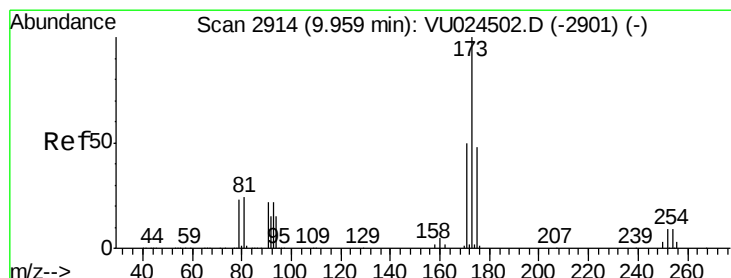
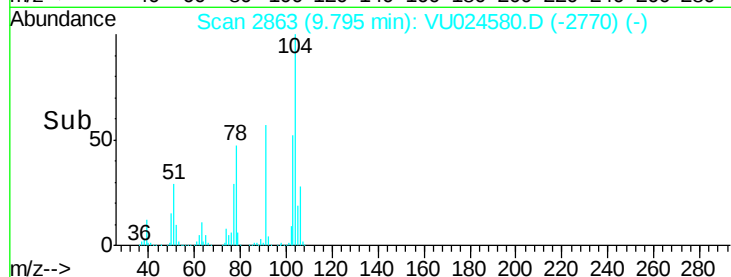
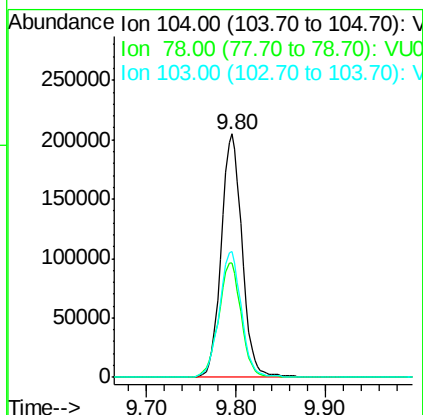
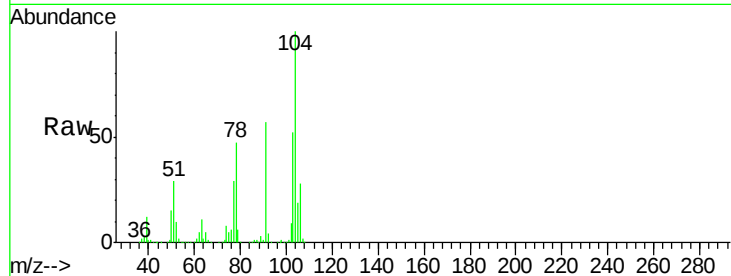
#70
Stvrene
Concen: 47.153 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	331453		
78	51.0		40.6	60.8
103	55.0		44.7	67.1

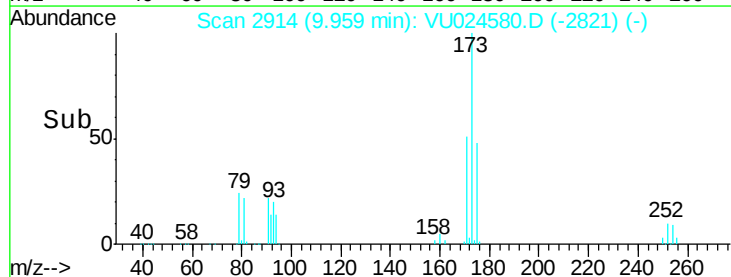
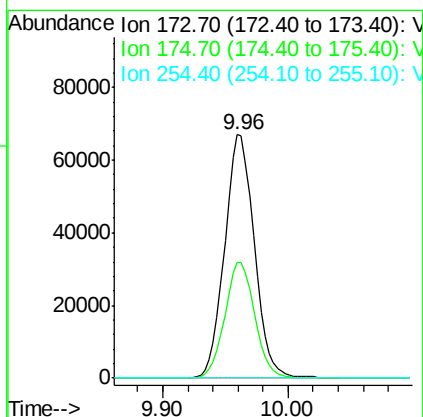
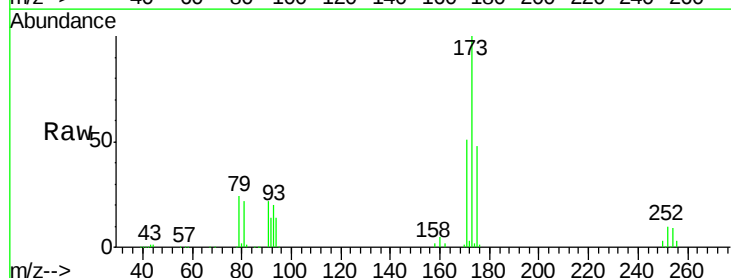
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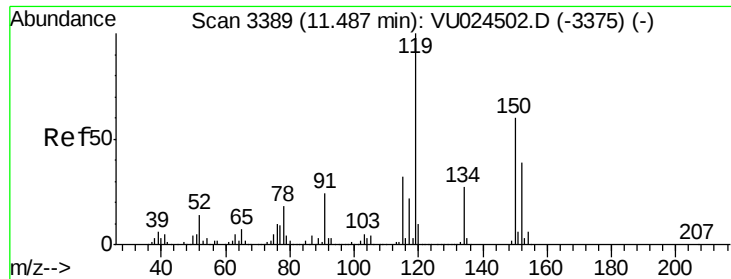
apatel
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#71
Bromoform
Concen: 47.514 ug/l
RT: 9.96 min Scan# 2914
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	110162		
175	48.0		24.6	74.0
254	0.0		0.0	0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MSD

Tot Ion:152 Resp: 152238

Ion Ratio Lower Upper

152 100

115 80.8 43.0 129.0

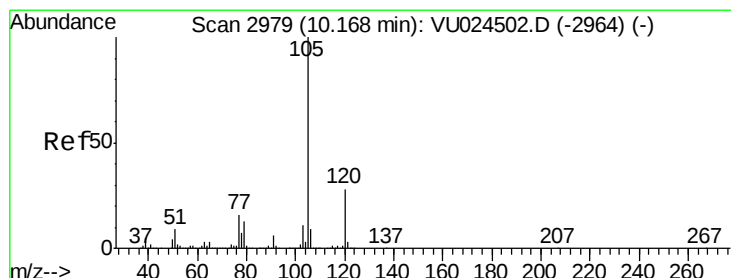
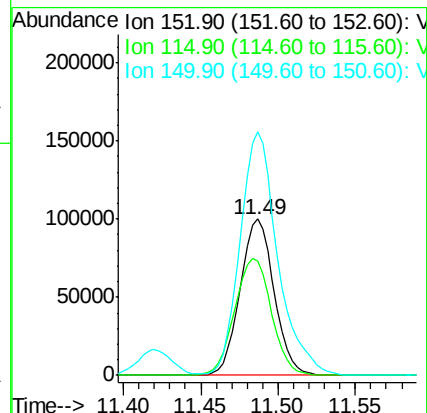
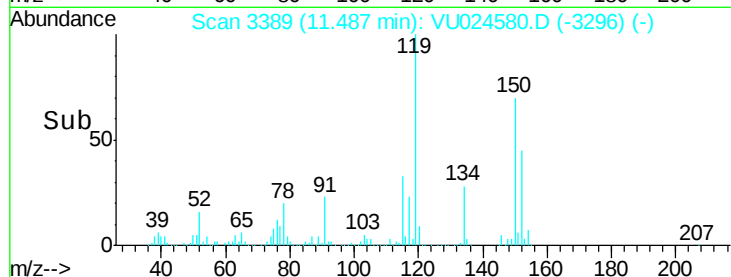
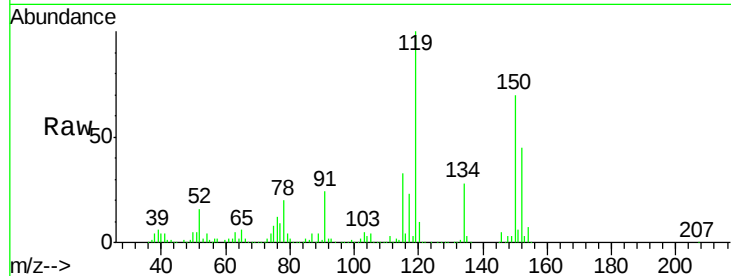
150 172.8 0.0 354.0

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#73

Isopropylbenzene

Concen: 44.768 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024580.D

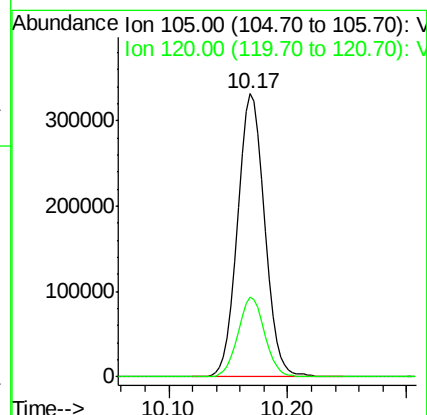
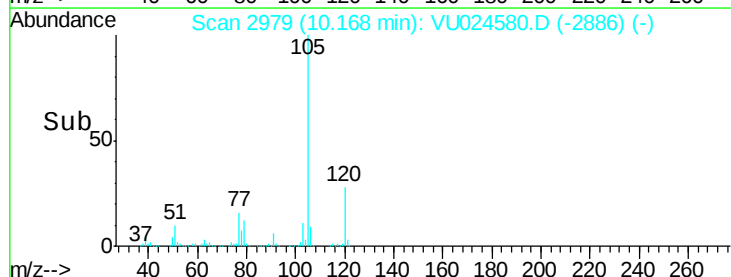
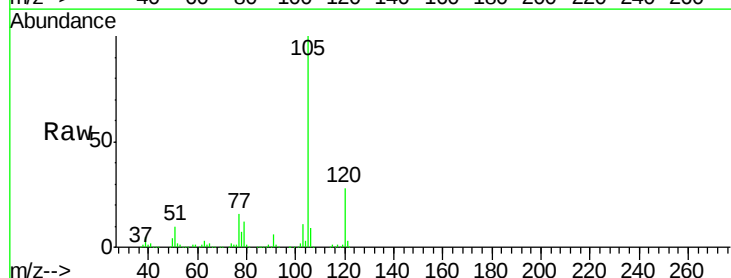
Acq: 15 Jun 2018 07:31

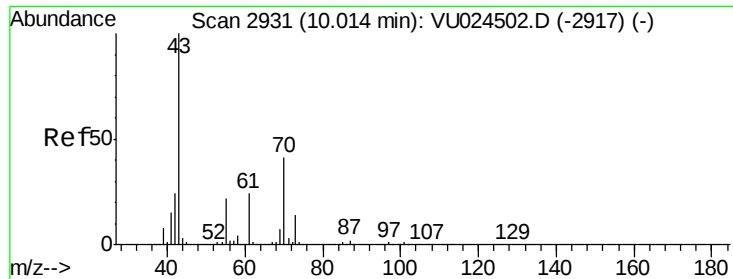
Tgt Ion:105 Resp: 523258

Ion Ratio Lower Upper

105 100

120 27.8 13.2 39.6





#74

N-amvl acetate

Concen: 40.705 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Instrument :

MSVOA_U

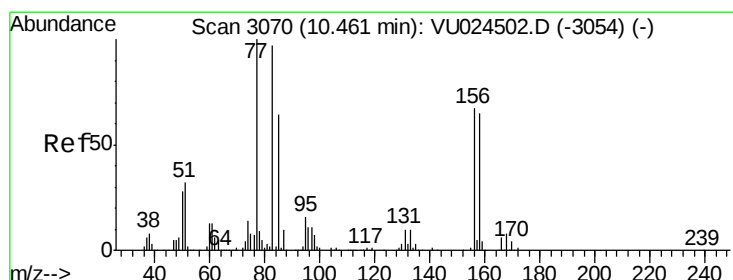
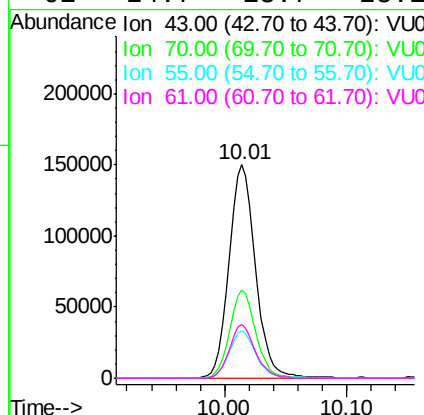
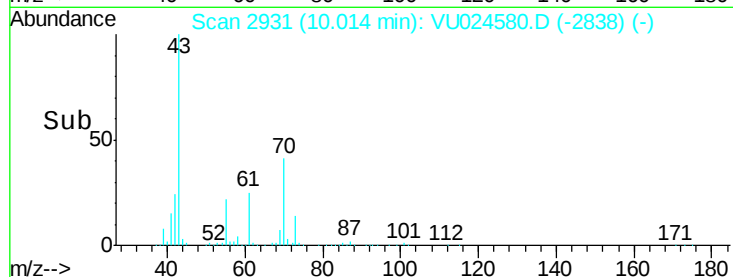
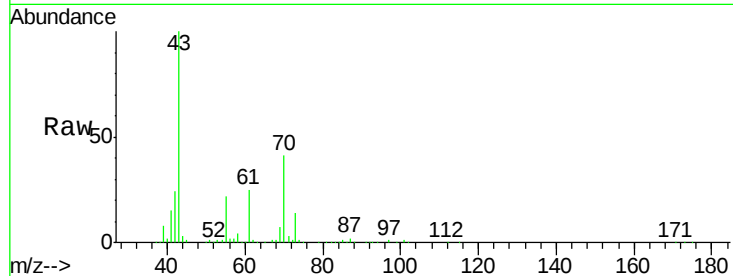
ClientSampleId :

SS050MW047-180610MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		226298		
70	41.1	32.2	48.4		
55	22.2	20.5	30.7		
61	24.7	18.7	28.1		

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 47.279 ug/l

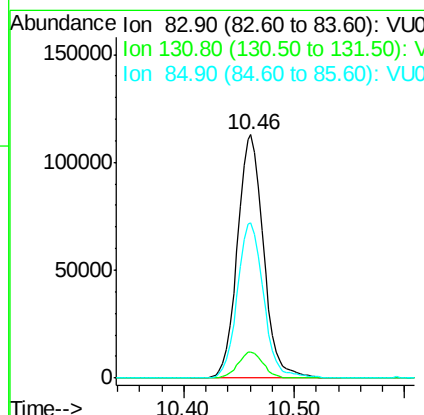
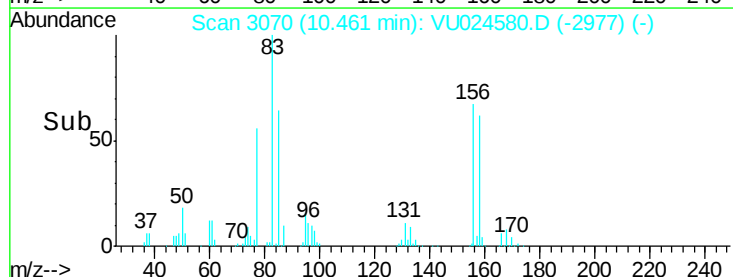
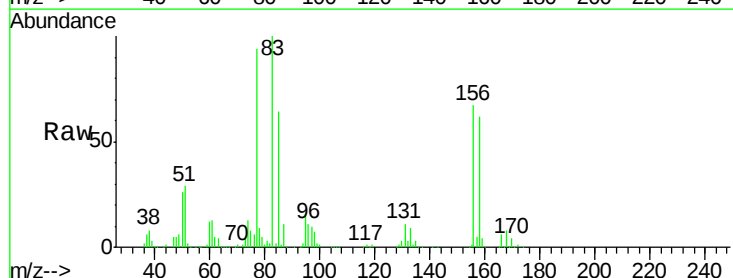
RT: 10.46 min Scan# 3070

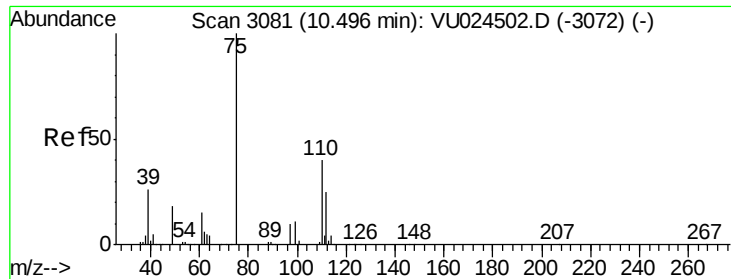
Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		185182		
131	10.3	4.7	14.1		
85	64.4	32.5	97.5		





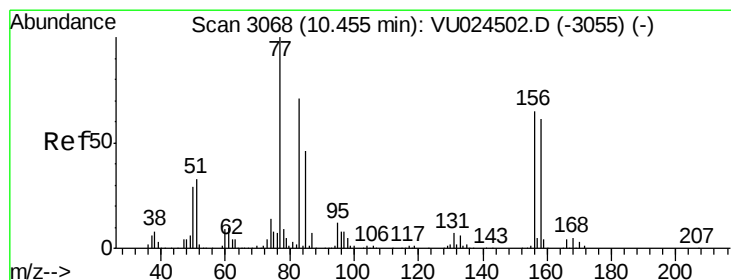
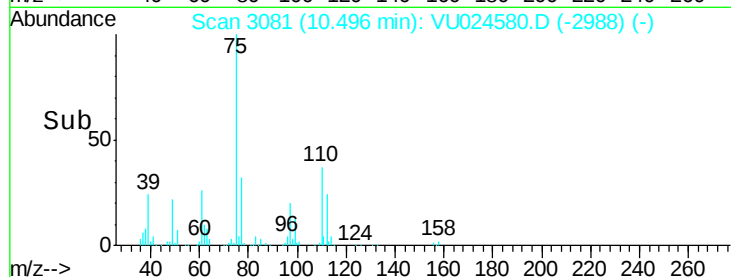
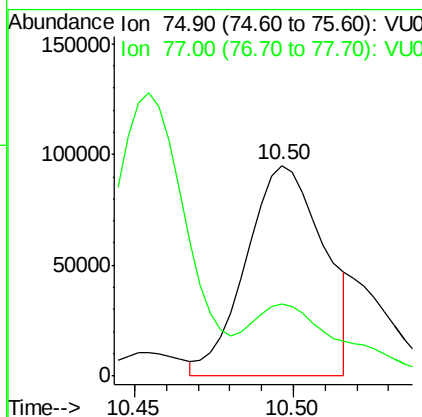
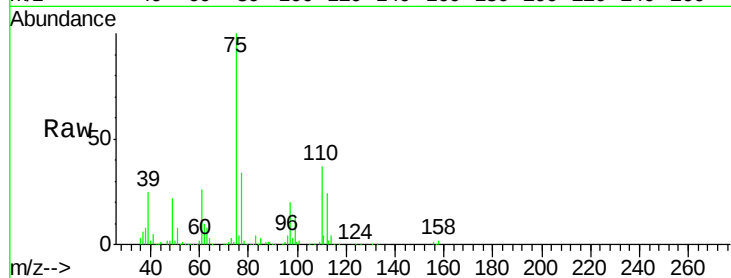
#76
 1,2,3-Trichloropropane
 Concen: 48.128 ug/l m
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: VU024580.D
 Acq: 15 Jun 2018 07:31

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MSD

Tot Ion: 75 Resp: 161313
 Ion Ratio Lower Upper
 75 100
 77 41.4 20.9 62.7

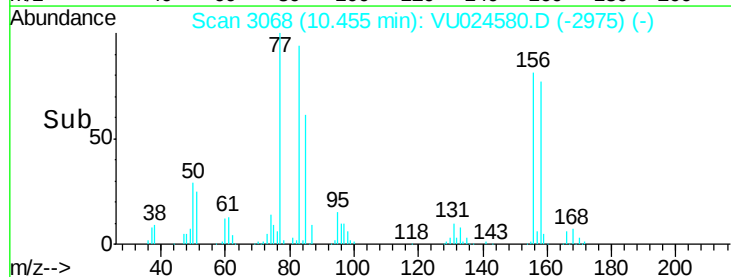
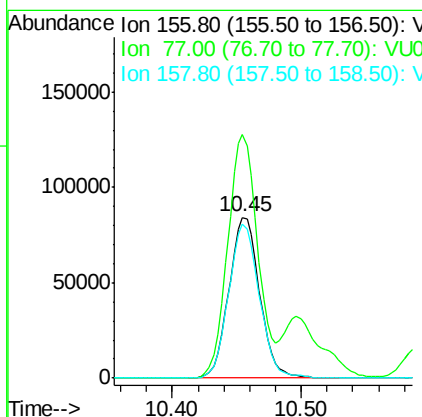
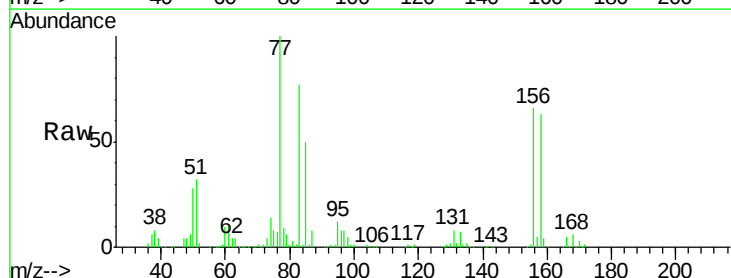
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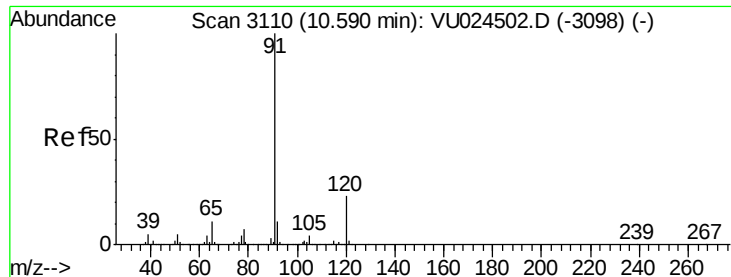
apatel
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#77
 Bromobenzene
 Concen: 46.970 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. -0.00 min
 Lab File: VU024580.D
 Acq: 15 Jun 2018 07:31

Tgt Ion: 156 Resp: 138985
 Ion Ratio Lower Upper
 156 100
 77 148.6 80.5 241.3
 158 96.1 48.2 144.6





#78

n-propylbenzene

Concen: 44.726 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MSD

Tot Ion: 91 Resp: 615815

Ion Ratio Lower Upper

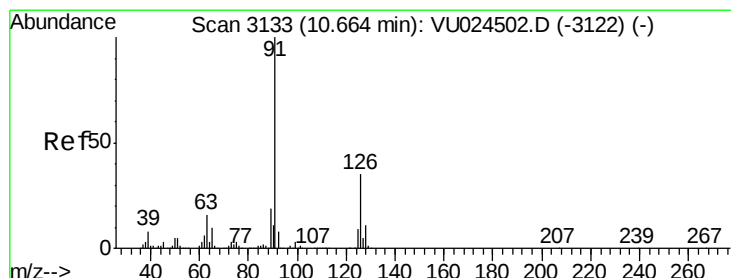
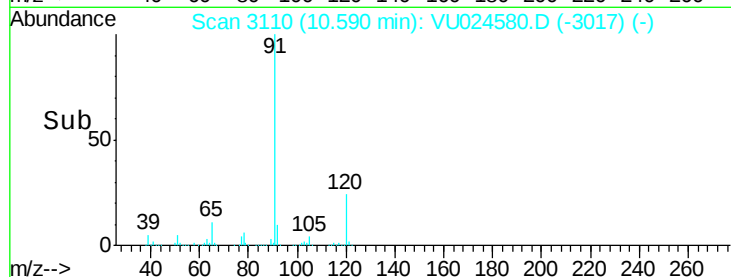
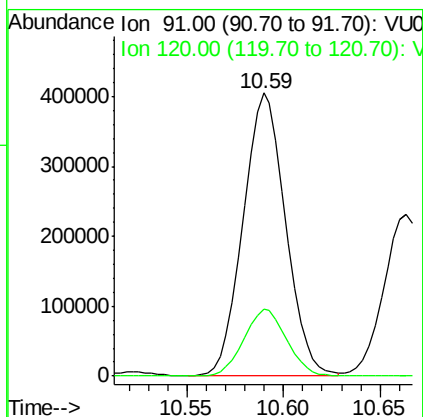
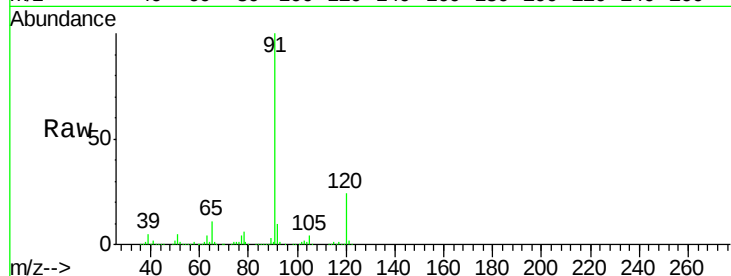
91 100

120 24.0 11.2 33.5

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#79

2-Chlorotoluene

Concen: 44.785 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024580.D

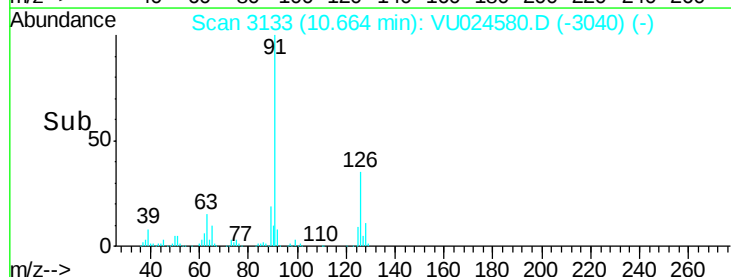
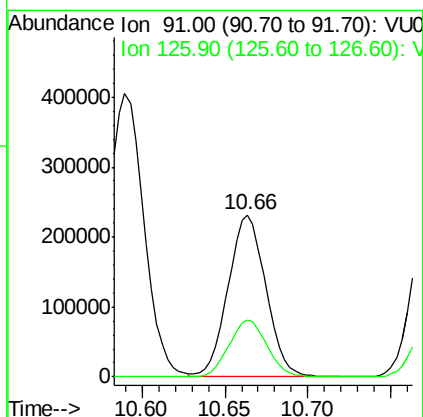
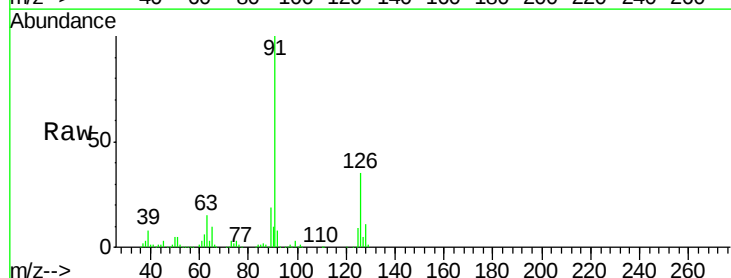
Acq: 15 Jun 2018 07:31

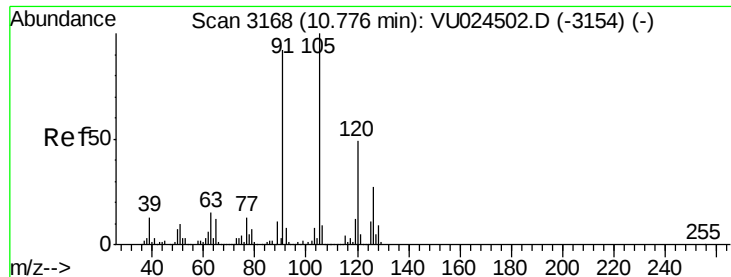
Tgt Ion: 91 Resp: 363631

Ion Ratio Lower Upper

91 100

126 35.7 16.9 50.7





#80

1,3,5-Trimethylbenzene

Concen: 44.497 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Instrument :

MSVOA_U

ClientSampleId :

SS050MW047-180610MSD

Tot Ion: 105 Resp: 450784

Ion Ratio Lower Upper

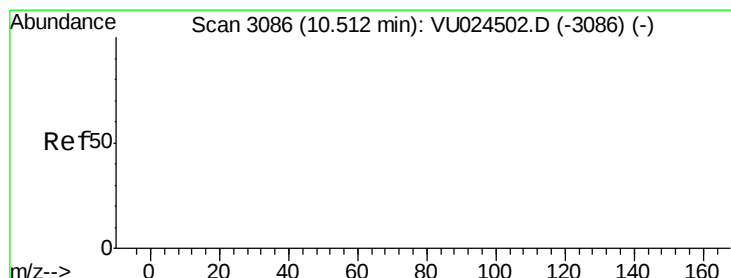
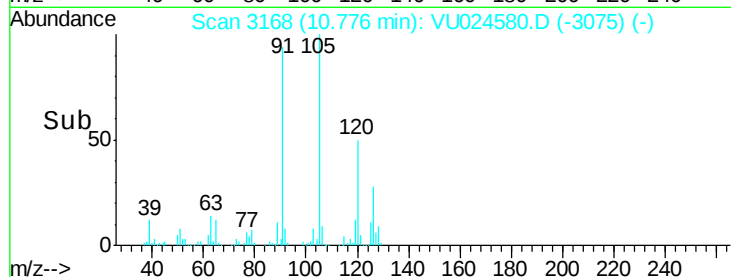
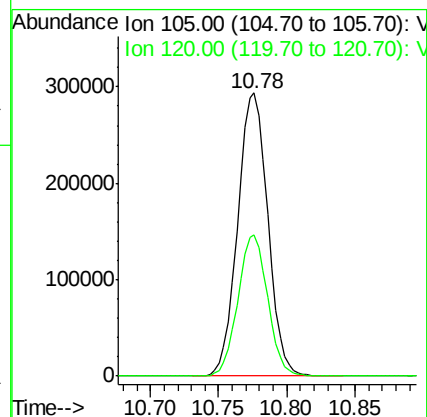
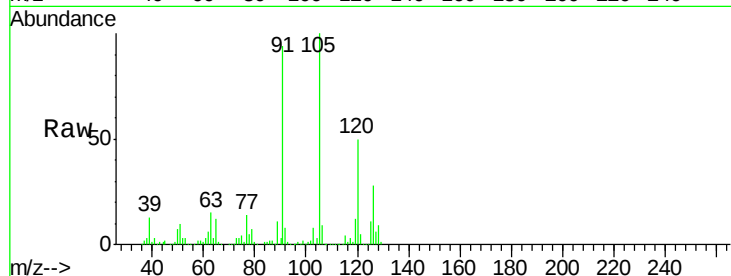
105 100

120 49.3 24.1 72.2

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#81

trans-1,4-Dichloro-2-butene

Concen: 35.368 ug/l m

RT: 10.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

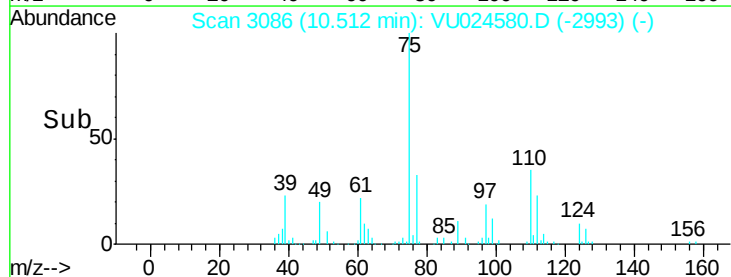
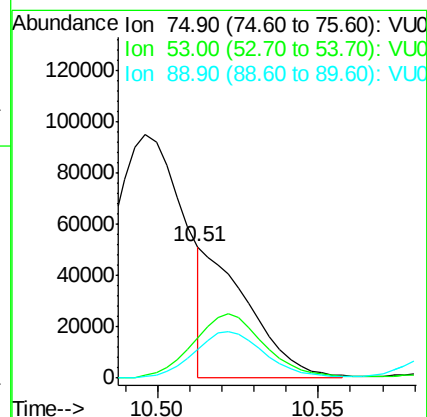
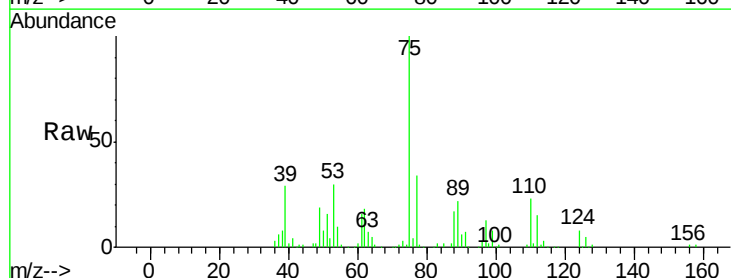
Tgt Ion: 75 Resp: 51220

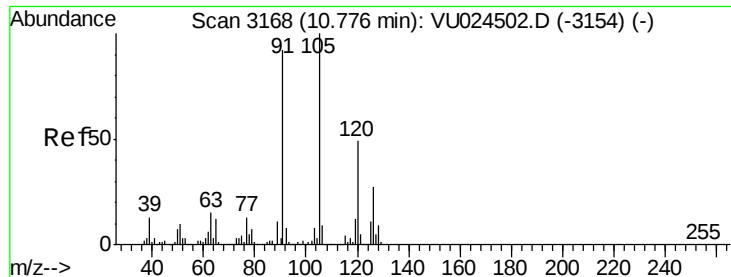
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0





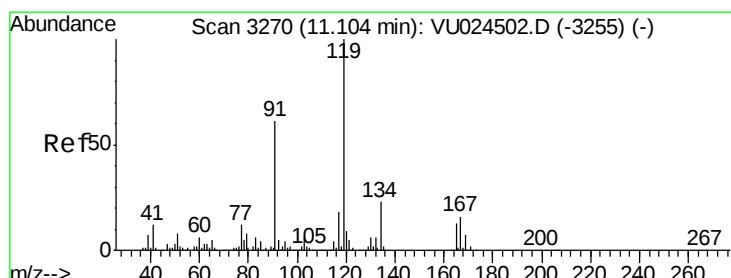
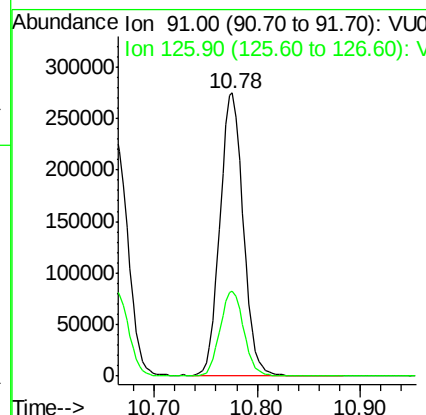
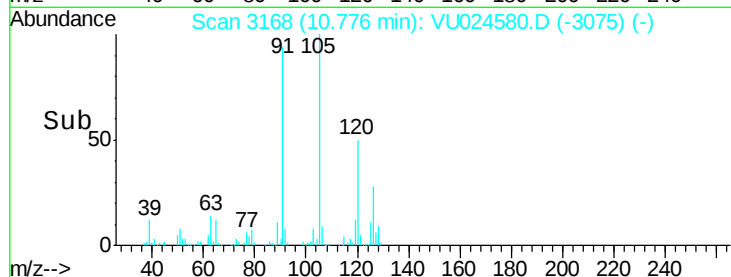
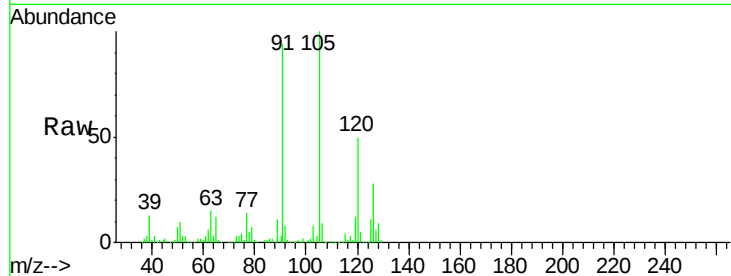
#82
4-Chlorotoluene
Concen: 45.600 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MSD

Tot Ion: 91 Resp: 430942
Ion Ratio Lower Upper
91 100
126 30.6 14.9 44.9

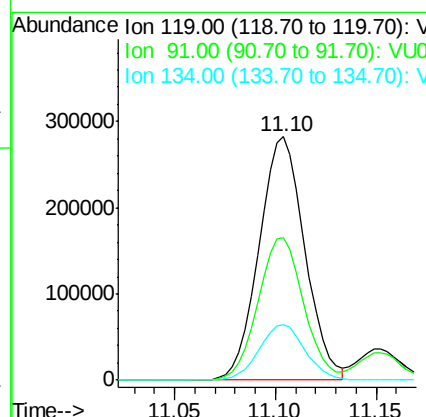
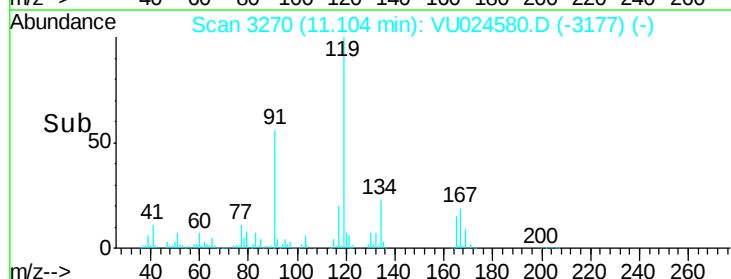
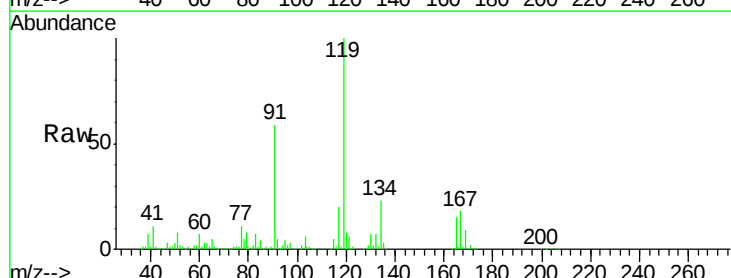
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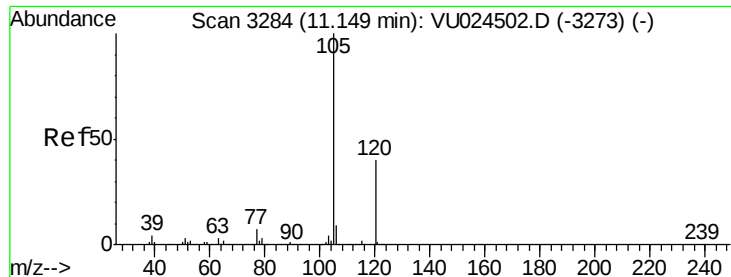
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#83
tert-Butylbenzene
Concen: 45.758 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Tgt Ion: 119 Resp: 445915
Ion Ratio Lower Upper
119 100
91 58.6 29.7 89.1
134 22.8 11.6 34.7





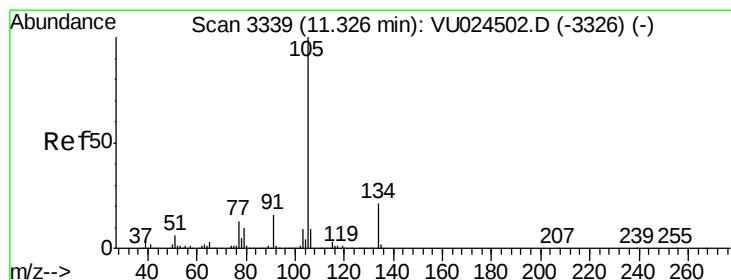
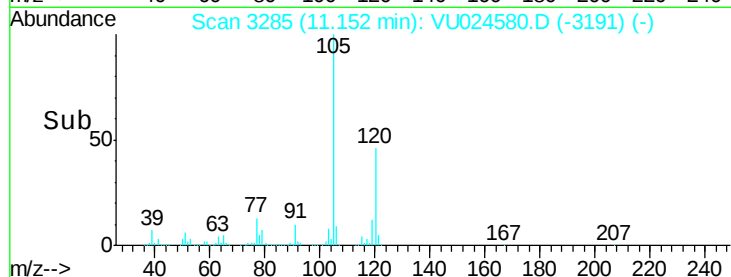
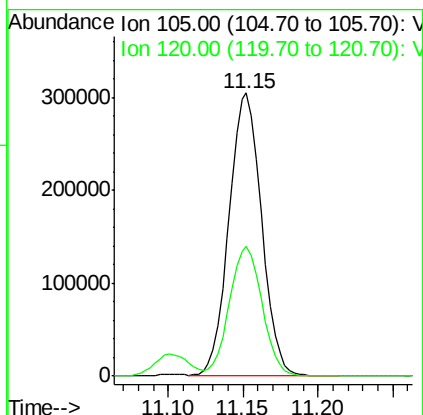
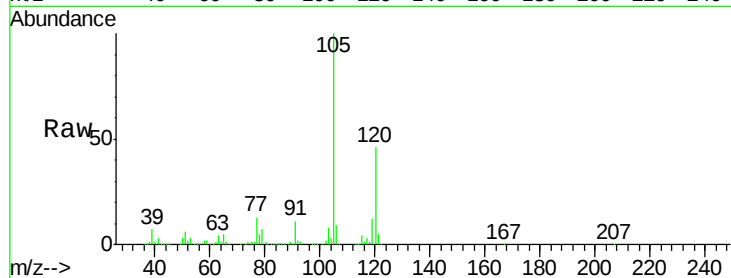
#84
 1,2,4-Trimethylbenzene
 Concen: 44.808 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024580.D
 Acq: 15 Jun 2018 07:31

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.6	67.8

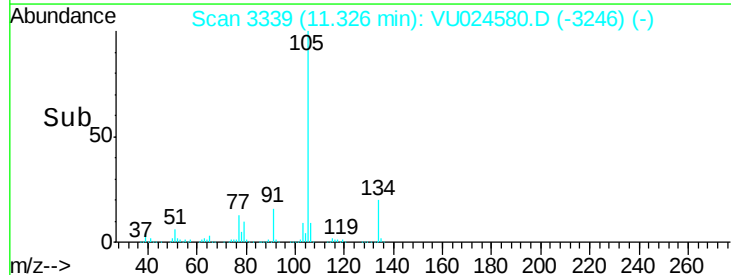
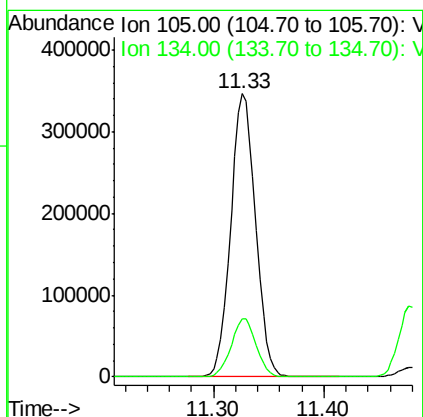
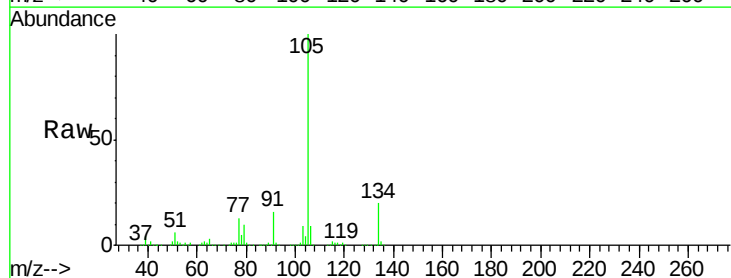
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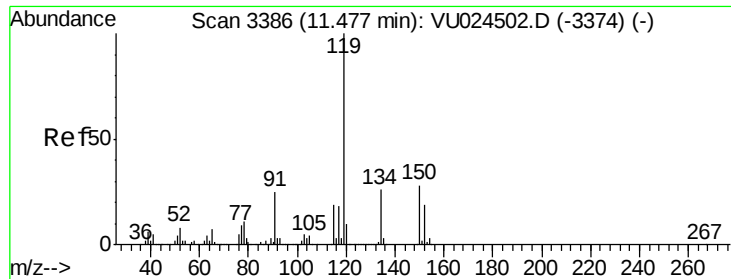
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#85
 sec-Butylbenzene
 Concen: 44.298 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VU024580.D
 Acq: 15 Jun 2018 07:31

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.6	9.7	29.1





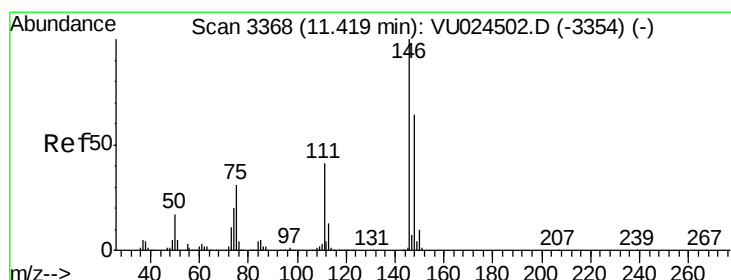
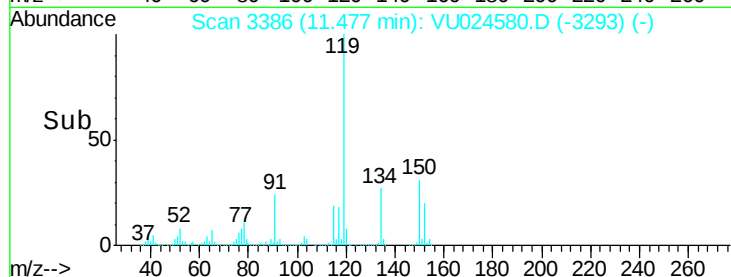
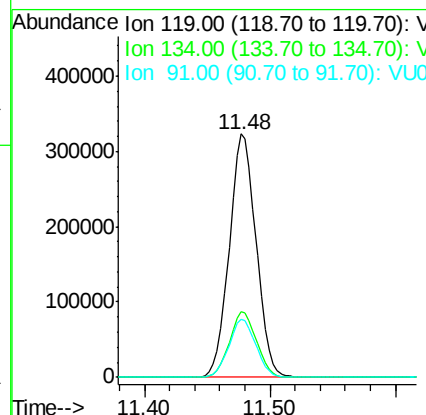
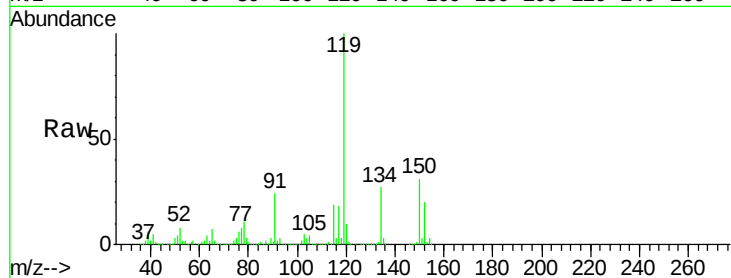
#86
 p-Isopropyltoluene
 Concen: 43.980 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU024580.D
 Acq: 15 Jun 2018 07:31

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	12.9	38.6
91	24.0	12.0	36.1

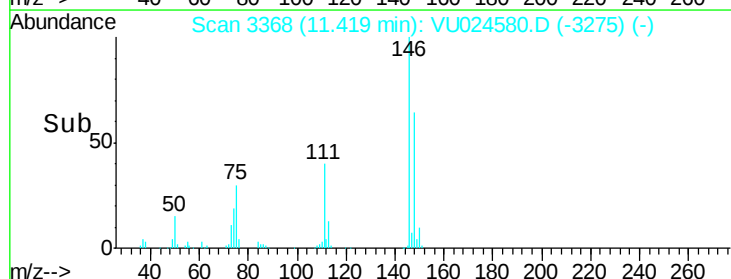
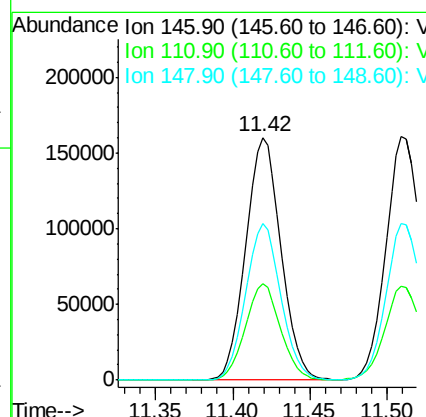
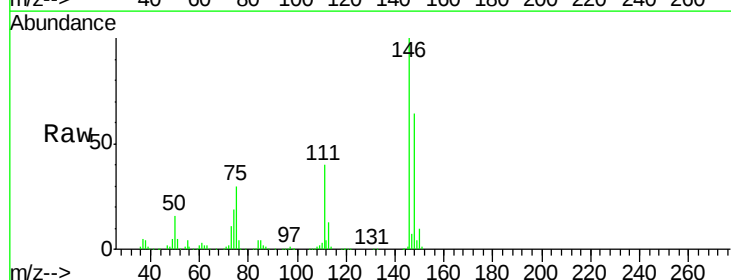
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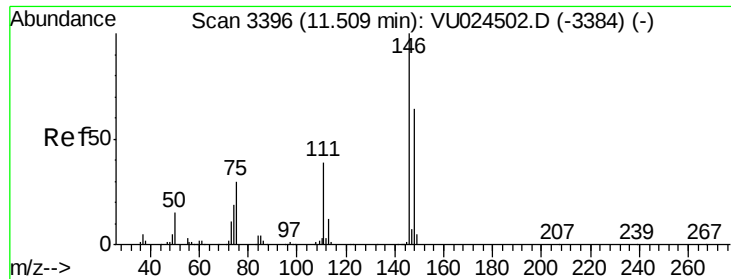
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#87
 1,3-Dichlorobenzene
 Concen: 46.549 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024580.D
 Acq: 15 Jun 2018 07:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.0	60.0
148	64.1	32.1	96.5





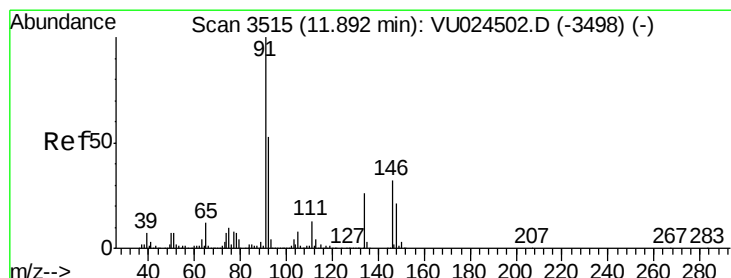
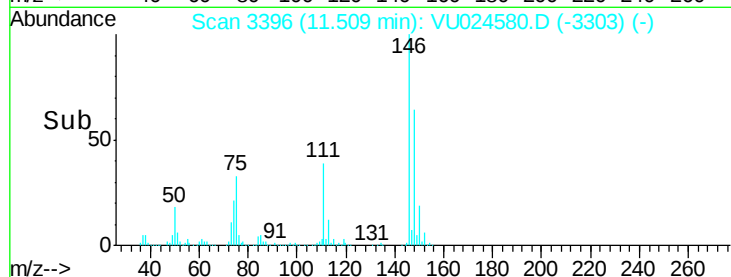
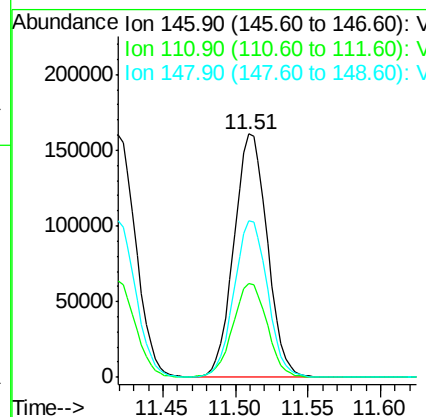
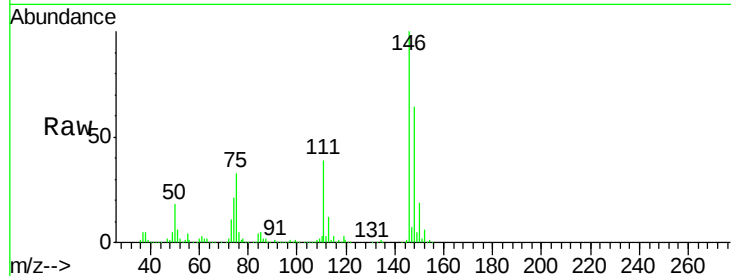
#88
 1,4-Dichlorobenzene
 Concen: 46.586 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024580.D
 Acq: 15 Jun 2018 07:31

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.5	58.5
148	64.5	32.4	97.0

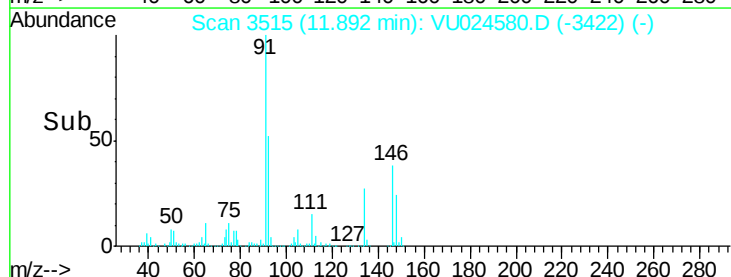
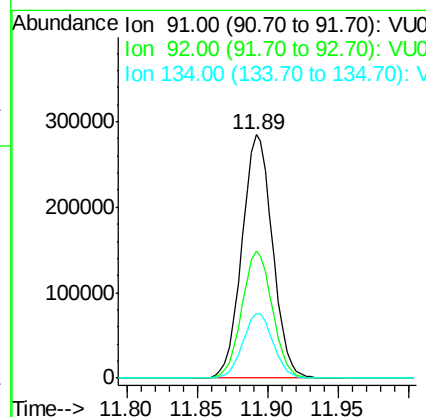
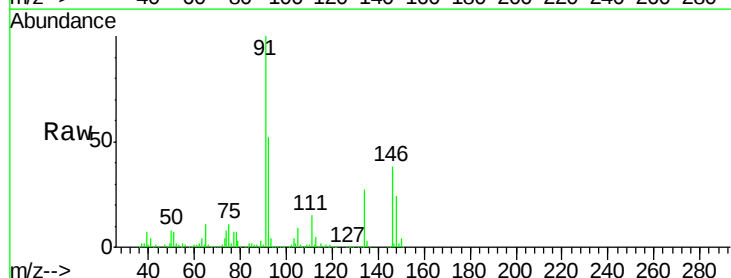
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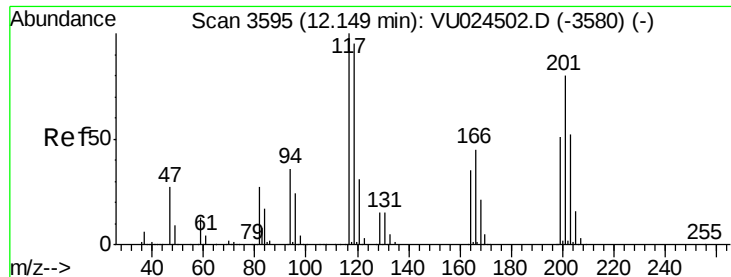
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#89
 n-Butylbenzene
 Concen: 44.490 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. -0.00 min
 Lab File: VU024580.D
 Acq: 15 Jun 2018 07:31

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.0	25.6	76.8
134	26.4	12.3	36.8





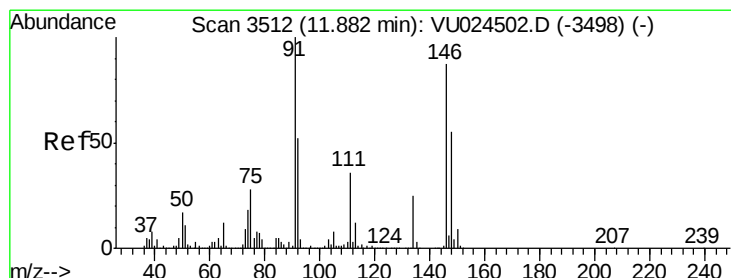
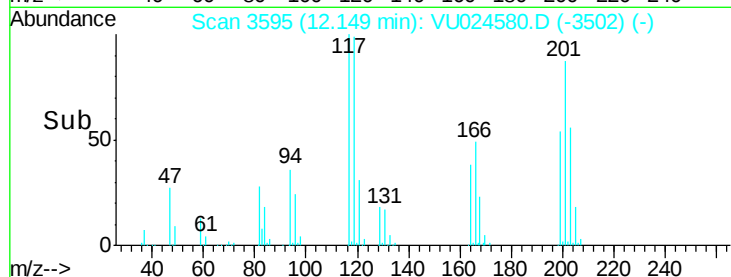
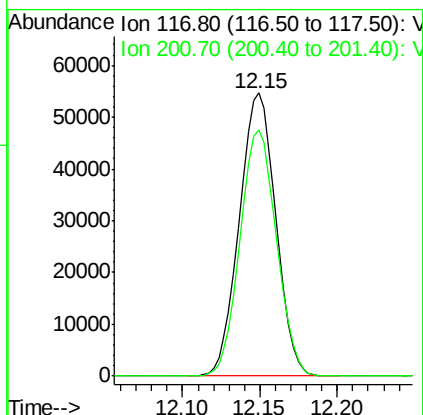
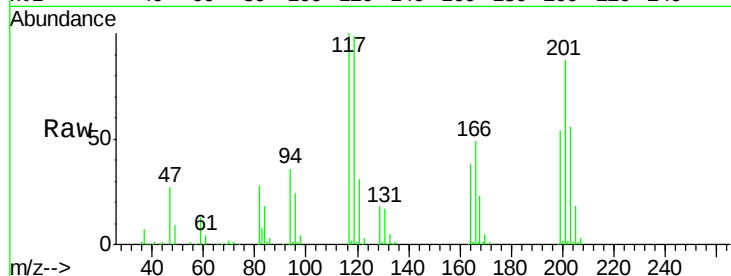
#90
Hexachloroethane
Concen: 42.150 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Instrument :
MSVOA_U
ClientSampleId :
SS050MW047-180610MSD

Tot Ion:117 Resp: 89829
Ion Ratio Lower Upper
117 100
201 86.8 41.1 123.3

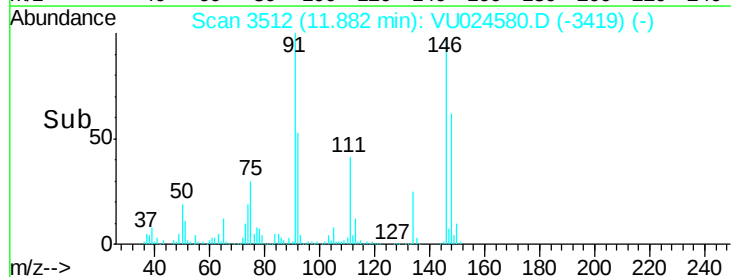
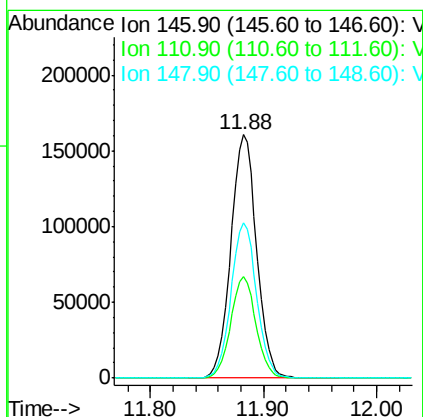
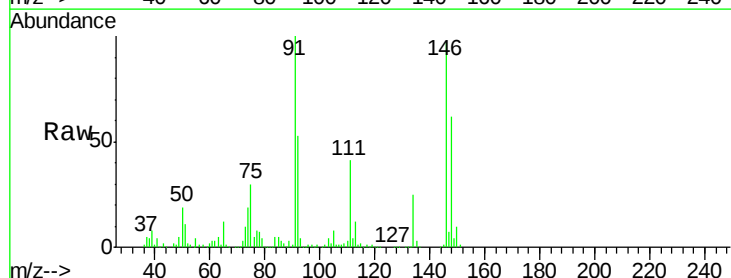
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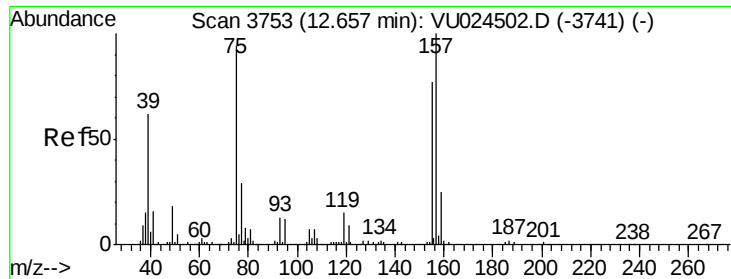
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#91
1,2-Dichlorobenzene
Concen: 46.419 ug/l
RT: 11.88 min Scan# 3512
Delta R.T. -0.00 min
Lab File: VU024580.D
Acq: 15 Jun 2018 07:31

Tgt Ion:146 Resp: 254175
Ion Ratio Lower Upper
146 100
111 40.9 20.5 61.6
148 63.5 31.9 95.7





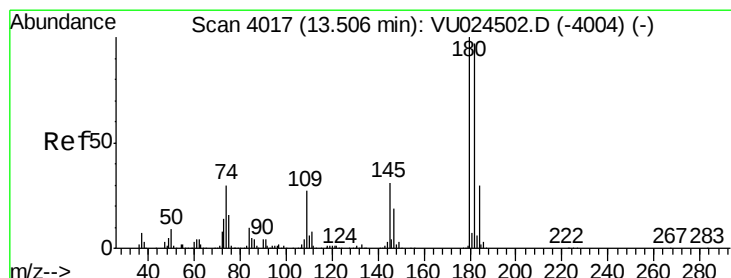
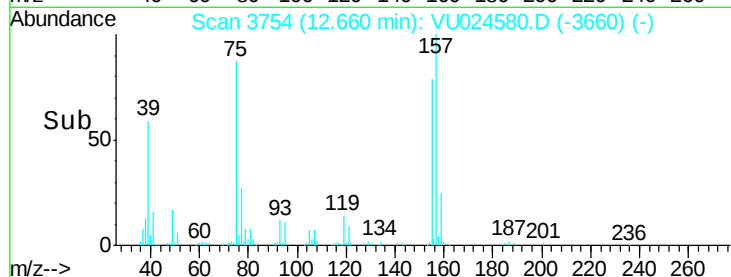
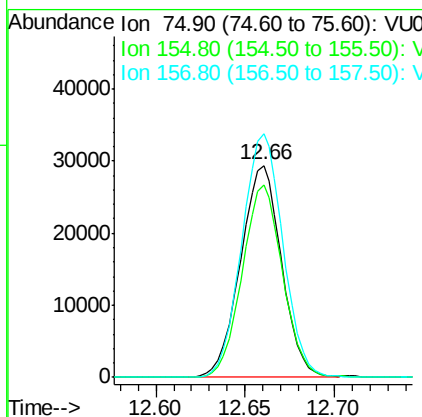
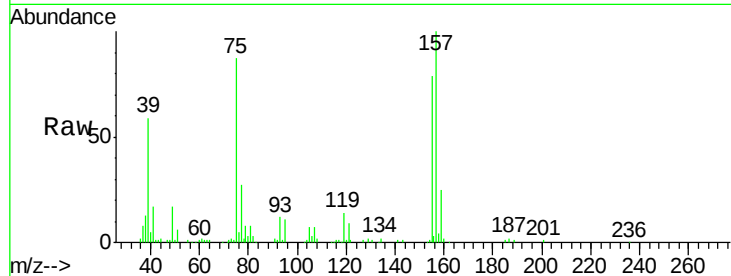
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.741 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024580.D
 Acq: 15 Jun 2018 07:31

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	89.6	40.4	121.2
157	115.6	52.3	156.8

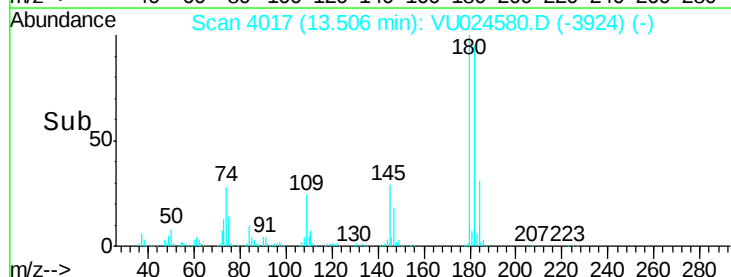
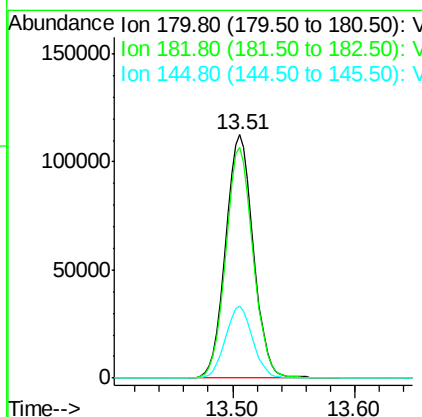
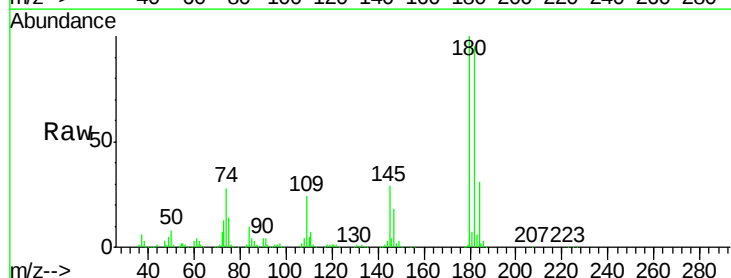
Manual Integrations
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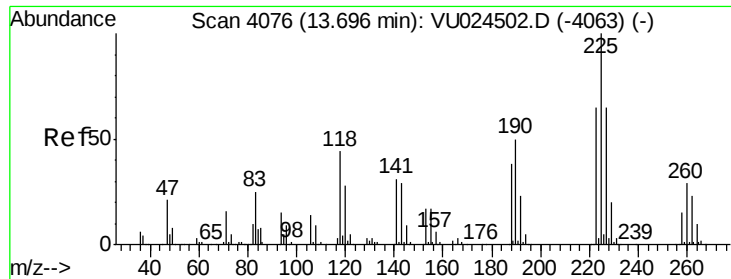
apatel
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#93
 1,2,4-Trichlorobenzene
 Concen: 53.074 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024580.D
 Acq: 15 Jun 2018 07:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	48.0	144.2
145	28.9	14.7	44.1





#94

Hexachlorobutadiene

Concen: 42.337 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. -0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Instrument :

MSVOA_U

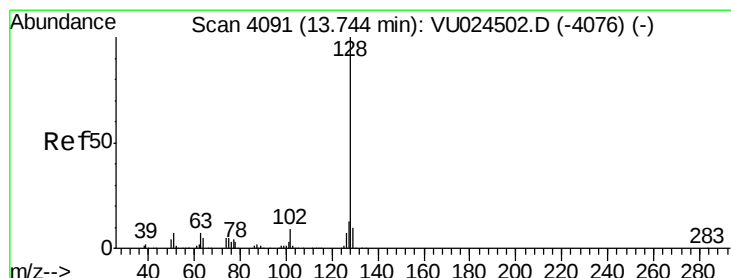
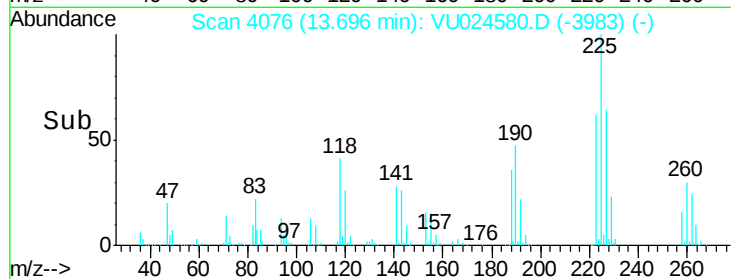
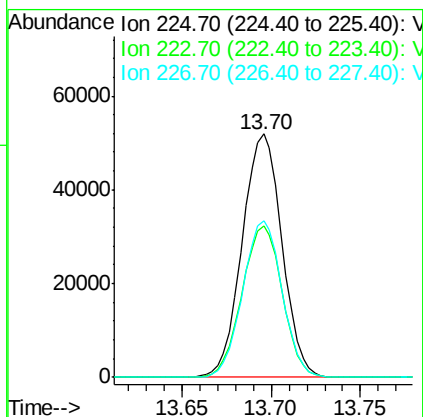
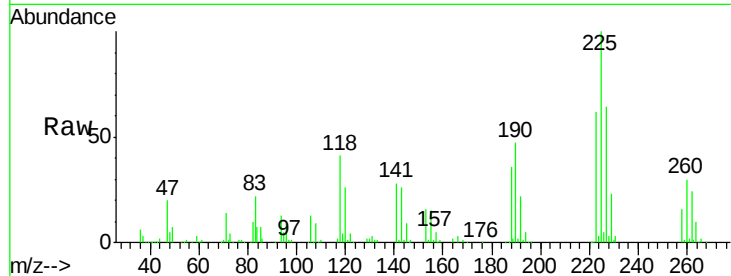
ClientSampleId :

SS050MW047-180610MSD

Tot Ion:	225	Resp:	80576
Ion Ratio		Lower	Upper
225	100		
223	63.0	31.3	93.8
227	63.6	31.8	95.4

Manual Integrations
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#95

Naphthalene

Concen: 49.002 ug/l

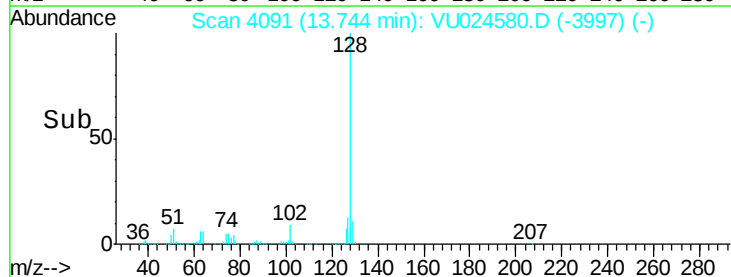
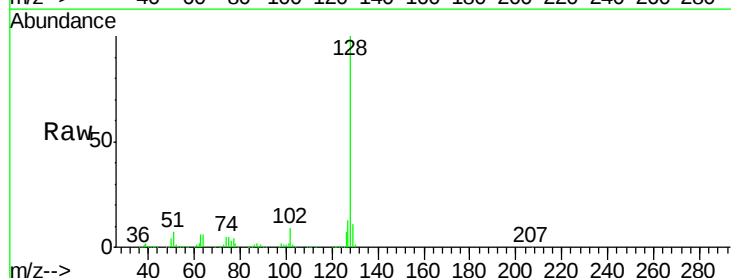
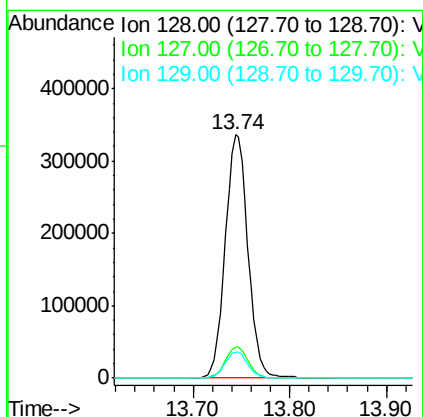
RT: 13.74 min Scan# 4091

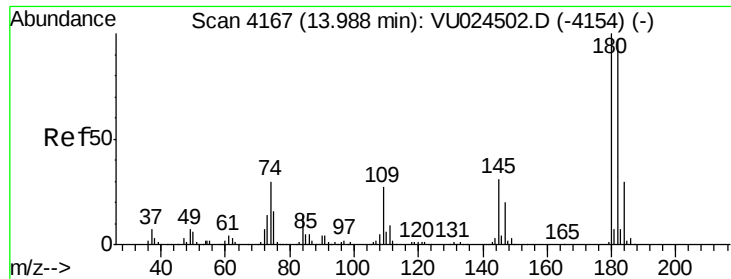
Delta R.T. 0.00 min

Lab File: VU024580.D

Acq: 15 Jun 2018 07:31

Tgt Ion:	128	Resp:	548383
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.6	16.0
129	10.8	8.6	12.8





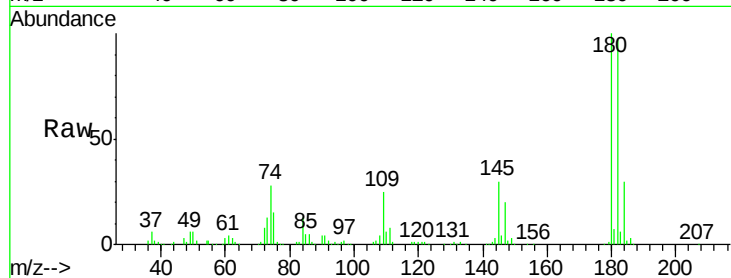
#96
 1,2,3-Trichlorobenzene
 Concen: 53.355 ug/l
 RT: 13.99 min Scan# 4167
 Delta R.T. -0.00 min
 Lab File: VU024580.D
 Acq: 15 Jun 2018 07:31

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW047-180610MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	179770		
182	96.2		47.9	143.7
145	30.0		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

