

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024731.D
 Acq On : 19 Jun 2018 08:22
 Operator : MD/SY
 Sample : J3535-02MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS036MW002-180613MS

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:55:09 PM

Quant Time: Jun 19 08:50:33 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	153893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	251112	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	241141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	145124	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	116364	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
35) Dibromofluoromethane	4.89	113	99742	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	7.57	98	363665	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	10.31	95	141904	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	76992	39.97	ug/l	100
3) Chloromethane	1.33	50	94977	48.26	ug/l	99
4) Vinyl Chloride	1.40	62	99424	48.99	ug/l	99
5) Bromomethane	1.62	94	57692	58.80	ug/l	100
6) Chloroethane	1.70	64	65546	57.96	ug/l	99
7) Trichlorofluoromethane	1.89	101	155110	50.08	ug/l	100
8) Diethyl Ether	2.10	74	61810	58.98	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	85310	44.40	ug/l	96
10) Methyl Iodide	2.41	142	91017	55.34	ug/l	97
11) Tert butyl alcohol	2.82	59	137486	225.01	ug/l	99
12) 1,1-Dichloroethene	2.29	96	83537	47.67	ug/l	91
13) Acrolein	2.19	56	47038	146.60	ug/l	99
14) Allyl chloride	2.60	41	124330	38.21	ug/l	93
15) Acrylonitrile	2.93	53	319201	268.50	ug/l	98
16) Acetone	2.32	43	272302	201.72	ug/l	95
17) Carbon Disulfide	2.48	76	235898	42.04	ug/l	99
18) Methyl Acetate	2.62	43	135432	46.80	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	327003	49.64	ug/l	97
20) Methylene Chloride	2.71	84	101660	48.00	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	91038	47.17	ug/l	93
22) Diisopropyl ether	3.57	45	325525	50.47	ug/l	98
23) Vinyl Acetate	3.53	43	1190373	206.03	ug/l	99
24) 1,1-Dichloroethane	3.45	63	185333	49.95	ug/l	99
25) 2-Butanone	4.26	43	450034	248.20	ug/l	96
26) 2,2-Dichloropropane	4.23	77	40091	11.38	ug/l	79
27) cis-1,2-Dichloroethene	4.23	96	111825	50.40	ug/l	87
28) Bromochloromethane	4.55	49	90813	55.57	ug/l	87
29) Tetrahydrofuran	4.63	42	291461	259.57	ug/l	97
30) Chloroform	4.68	83	189239	50.39	ug/l	98
31) Cyclohexane	5.00	56	160199	48.56	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	166084	47.82	ug/l	97
36) 1,1-Dichloropropene	5.14	75	130182	44.12	ug/l	96
37) Ethyl Acetate	4.38	43	141448	43.98	ug/l	96
38) Carbon Tetrachloride	5.14	117	151078	46.56	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	154146	41.86	ug/l	94
40) Benzene	5.39	78	409165	48.66	ug/l	99
41) Methacrylonitrile	4.54	41	92380	53.28	ug/l	98
42) 1,2-Dichloroethane	5.41	62	154342	48.20	ug/l	99
43) Isopropyl Acetate	5.55	43	246325	44.31	ug/l	99
44) Trichloroethene	6.19	130	111412	46.56	ug/l	91
45) 1,2-Dichloropropane	6.44	63	112424	50.11	ug/l	98
46) Dibromomethane	6.56	93	78688	49.93	ug/l	94
47) Bromodichloromethane	6.76	83	147652	47.05	ug/l	100
48) Methyl methacrylate	6.62	41	133797	49.43	ug/l	99
49) 1,4-Dioxane	6.61	88	57638	1088.77	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	892751	255.61	ug/l	98
52) Toluene	7.64	92	260088	48.08	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	136999	38.88	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	141532	37.69	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	112056	50.96	ug/l	98
56) Ethyl methacrylate	8.02	69	182931	49.70	ug/l	99
57) 1,3-Dichloropropane	8.25	76	187166	50.46	ug/l	99
59) 2-Hexanone	8.36	43	708662	248.54	ug/l	100
60) Dibromochloromethane	8.48	129	129144	47.10	ug/l	100
61) 1,2-Dibromoethane	8.59	107	123155	50.32	ug/l	100
64) Tetrachloroethene	8.23	164	95601	41.71	ug/l	97
65) Chlorobenzene	9.12	112	299352	48.59	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	114830	49.06	ug/l	99
67) Ethyl Benzene	9.25	91	511644	47.38	ug/l	98
68) m/p-Xylenes	9.38	106	400266	96.52	ug/l	96
69) o-Xylene	9.78	106	203246	49.52	ug/l	95
70) Styrene	9.80	104	323934	48.03	ug/l	99
71) Bromoform	9.96	173	106847	48.03	ug/l #	98
73) Isopropylbenzene	10.17	105	534620	47.98	ug/l	99
74) N-amyl acetate	10.01	43	217720	41.08	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	194566	52.11	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	154707m	48.42	ug/l	
77) Bromobenzene	10.45	156	138064	48.95	ug/l	95
78) n-propylbenzene	10.59	91	596713	45.46	ug/l	97
79) 2-Chlorotoluene	10.66	91	365091	47.17	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	461478	47.79	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	41736m	30.23	ug/l	
82) 4-Chlorotoluene	10.78	91	420891	46.72	ug/l	99
83) tert-Butylbenzene	11.10	119	467874	50.37	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	475334	48.30	ug/l	100
85) sec-Butylbenzene	11.33	105	539893	46.43	ug/l	97
86) p-Isopropyltoluene	11.48	119	471815	45.30	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	246777	47.35	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	250586	47.77	ug/l	99
89) n-Butylbenzene	11.89	91	379028	40.99	ug/l	98
90) Hexachloroethane	12.15	117	91570	45.07	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	258180	49.46	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	50812	49.32	ug/l	93
93) 1,2,4-Trichlorobenzene	13.51	180	162781	50.50	ug/l	100

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QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	72897	40.18	ug/l	99
95) Naphthalene	13.74	128	571857	53.54	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	172971	53.85	ug/l	99

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

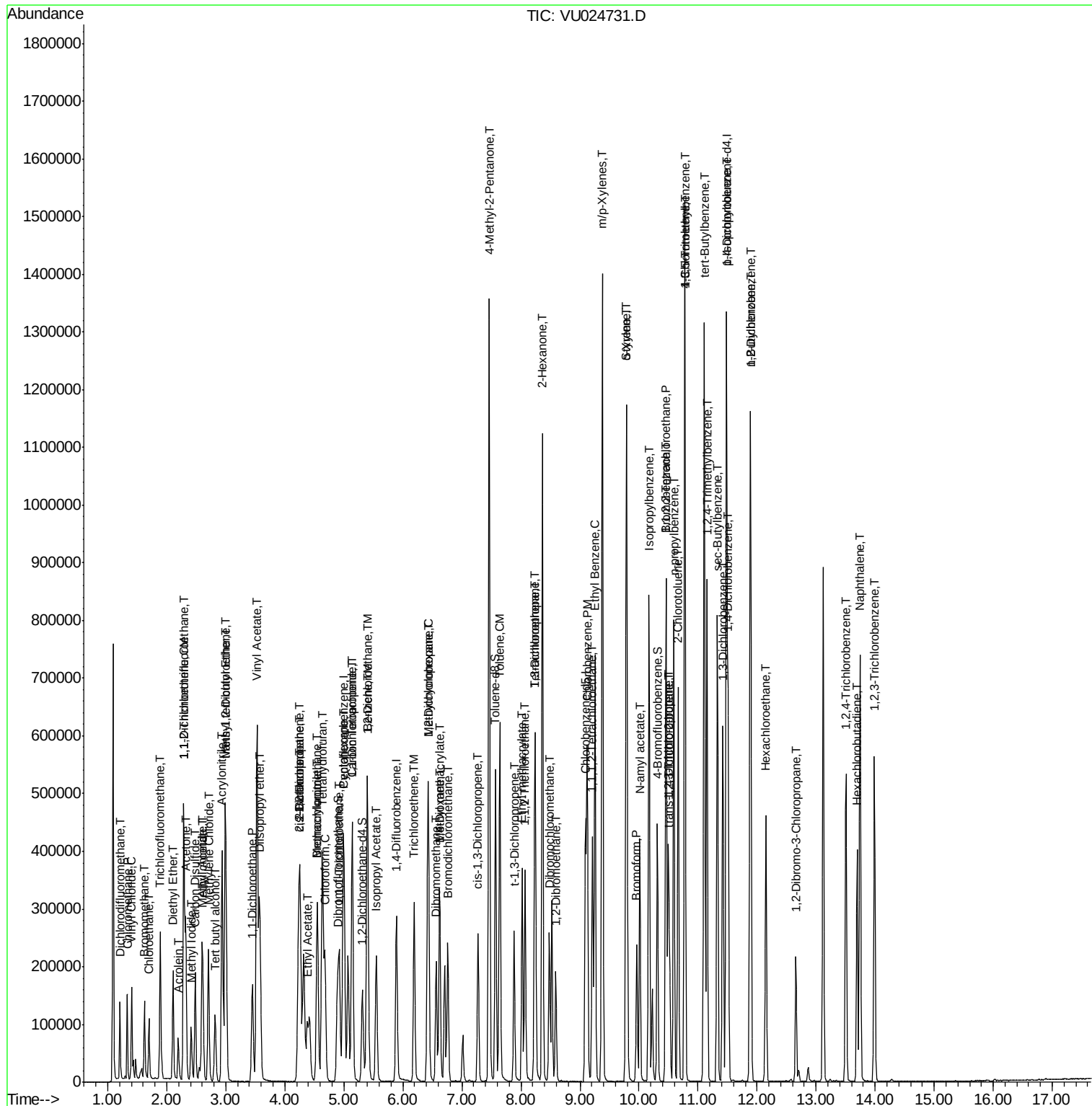
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Data File : VU024731.D
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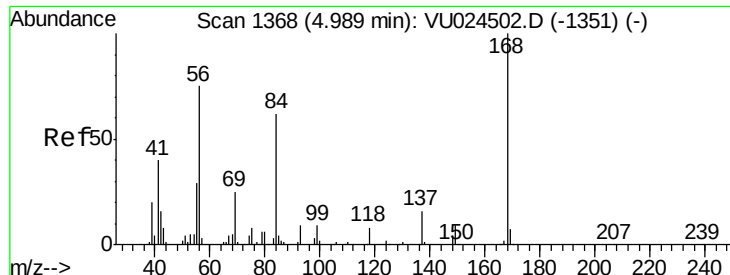
Instrument :
MSVOA_U
ClientSampleId :
SS036MW002-180613MS

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

MSVOA_U

ClientSampleId :

SS036MW002-180613MS

Tot Ion:168 Resp: 153893

Ion Ratio Lower Upper

168 100

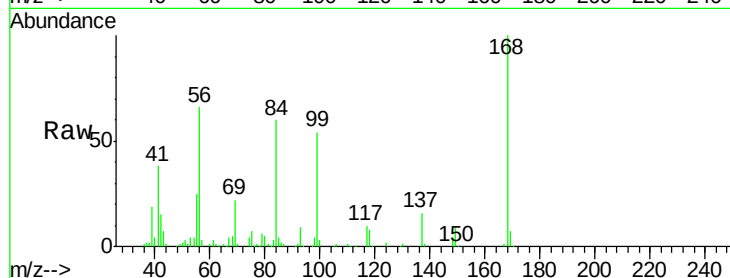
99 52.9 43.2 64.8

Manual Integrations

APPROVED

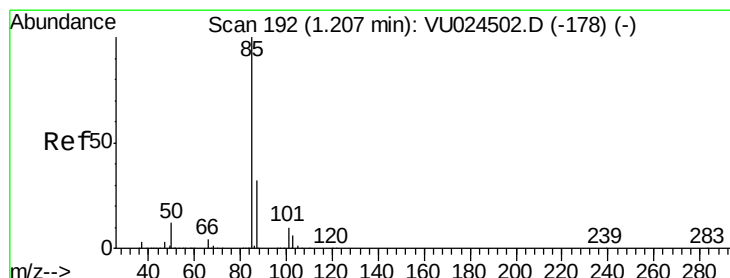
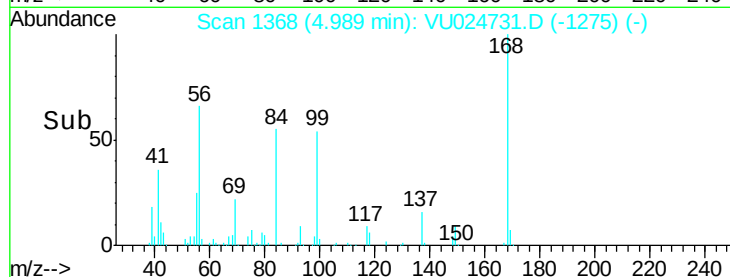
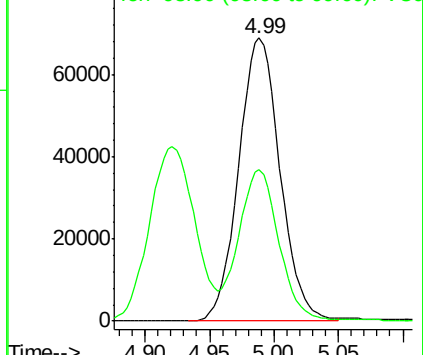
MMDadoda

6/19/2018 1:55:09 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 39.97 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024731.D

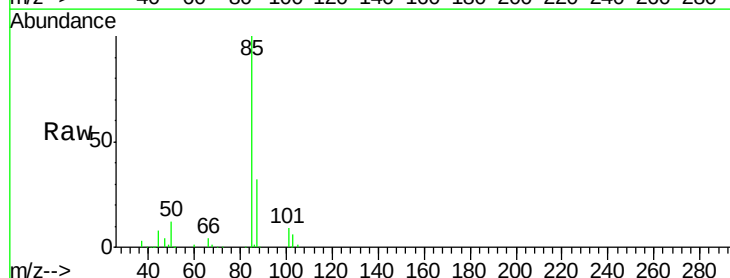
Acq: 19 Jun 2018 08:22

Tgt Ion: 85 Resp: 76992

Ion Ratio Lower Upper

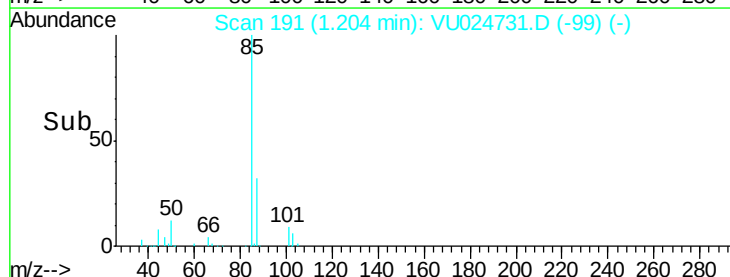
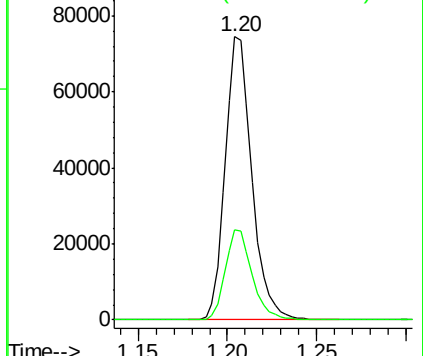
85 100

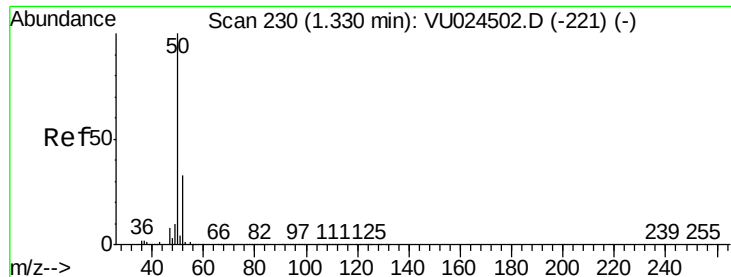
87 31.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 48.26 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

MSVOA_U

ClientSampleId :

SS036MW002-180613MS

Tot Ion: 50 Resp: 94977

Ion Ratio Lower Upper

50 100

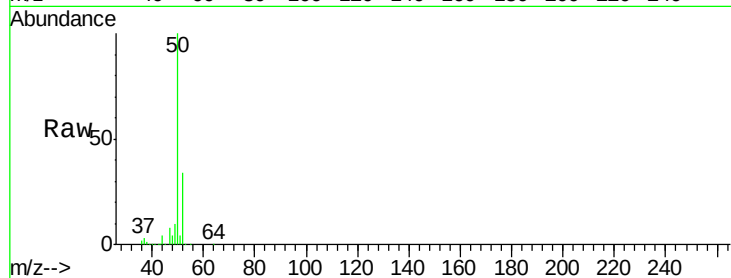
52 33.6 26.4 39.6

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0

1.33

100000

80000

60000

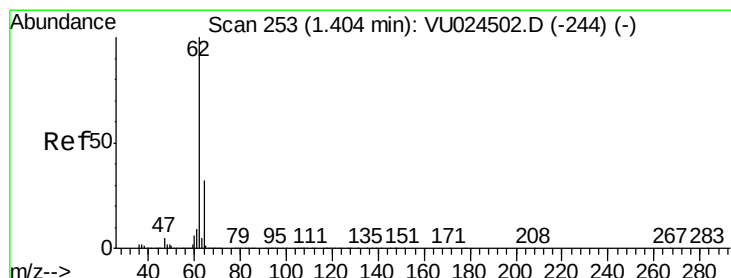
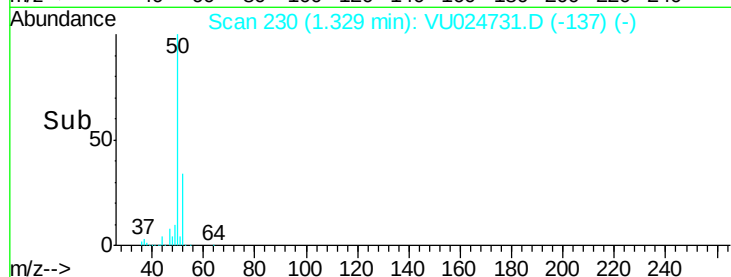
40000

20000

0

Time-->

1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 48.99 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024731.D

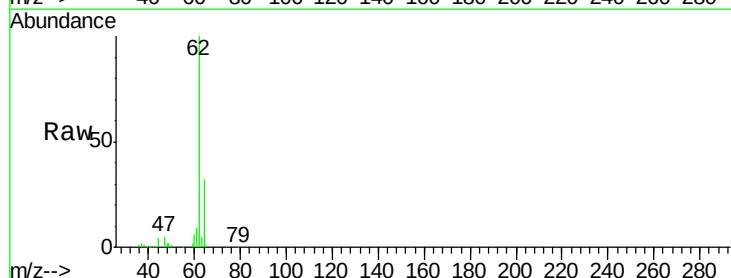
Acq: 19 Jun 2018 08:22

Tgt Ion: 62 Resp: 99424

Ion Ratio Lower Upper

62 100

64 31.4 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

100000

80000

60000

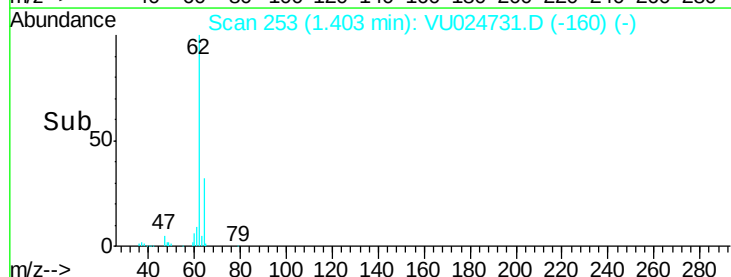
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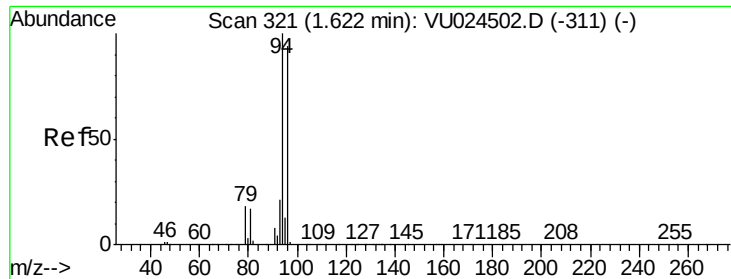
20000

0

Time-->

1.35 1.40 1.45





#5

Bromomethane

Concen: 58.80 ug/l

RT: 1.62 min Scan# 321

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

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Tot Ion: 94 Resp: 57692

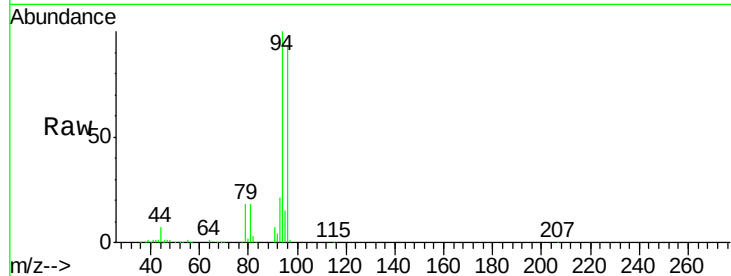
Ion Ratio Lower Upper

94 100

96 93.1 74.5 111.7

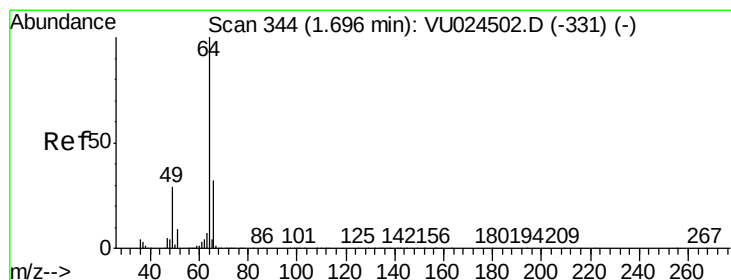
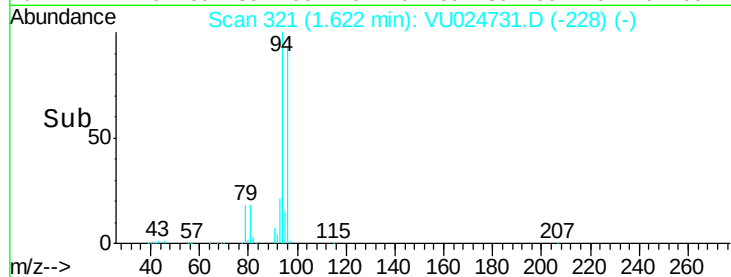
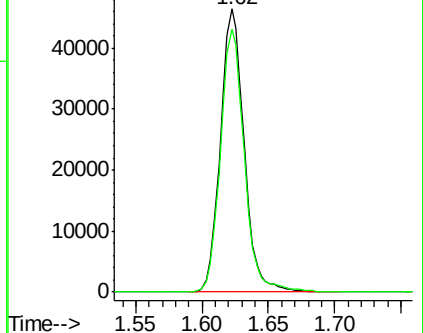
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 57.96 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024731.D

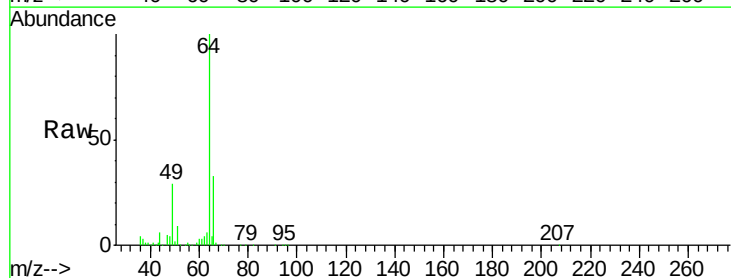
Acq: 19 Jun 2018 08:22

Tgt Ion: 64 Resp: 65546

Ion Ratio Lower Upper

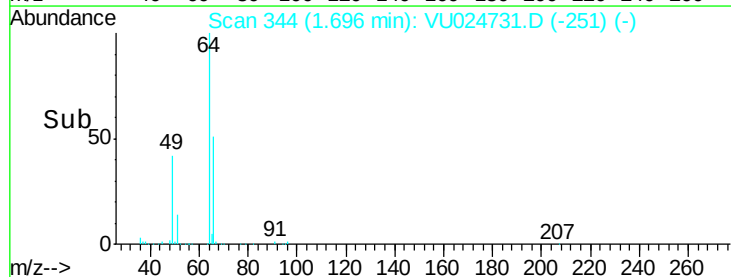
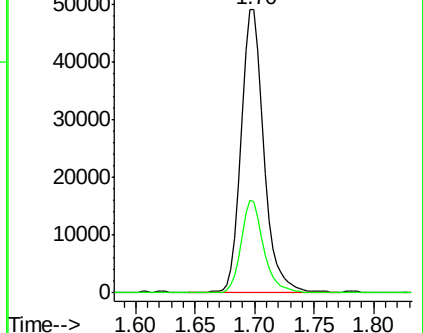
64 100

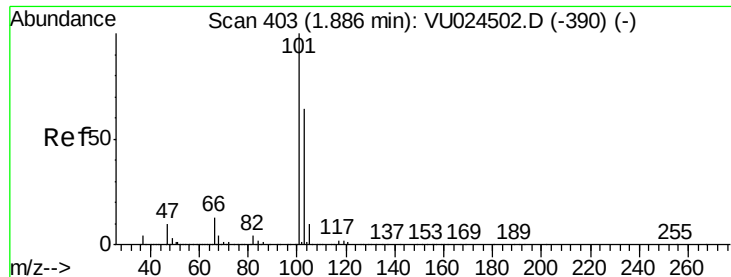
66 32.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

Trichlorofluoromethane

Concen: 50.08 ug/l

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU024731.D

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ClientSampleId :

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Tot Ion:101 Resp: 155110

Ion Ratio Lower Upper

101 100

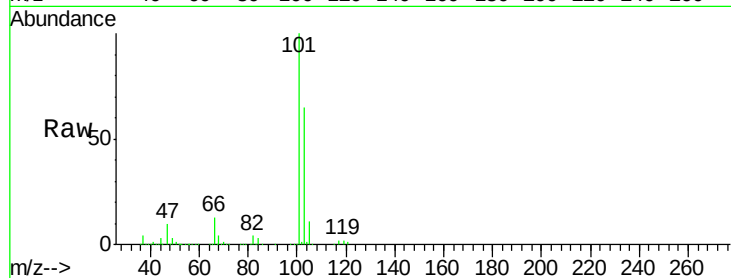
103 65.1 52.3 78.5

Manual Integrations

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6/19/2018 1:55:09 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.89

120000

100000

80000

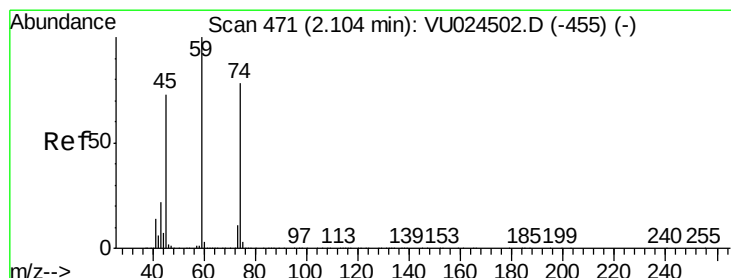
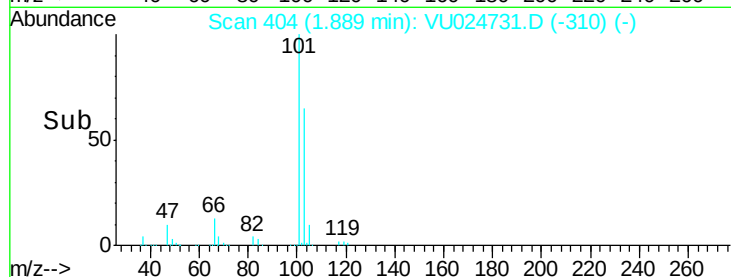
60000

40000

20000

0

Time--> 1.80 1.85 1.90 1.95



#8

Diethyl Ether

Concen: 58.98 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU024731.D

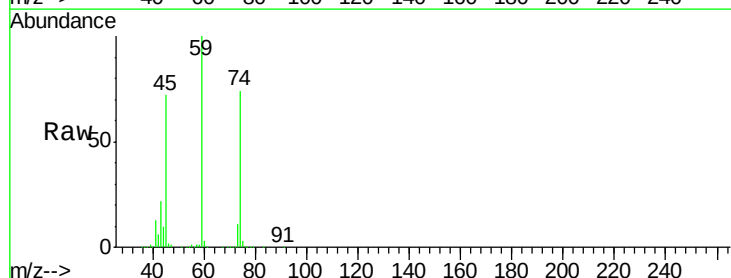
Acq: 19 Jun 2018 08:22

Tgt Ion: 74 Resp: 61810

Ion Ratio Lower Upper

74 100

45 96.4 55.0 165.0



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

2.10

50000

40000

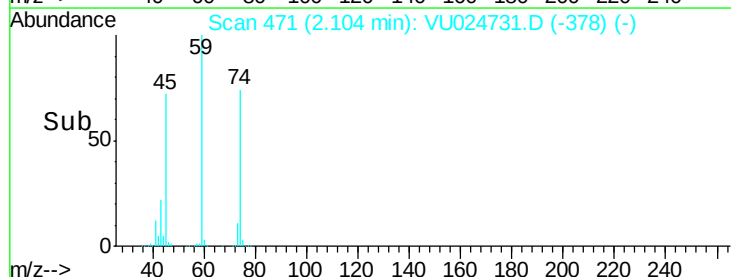
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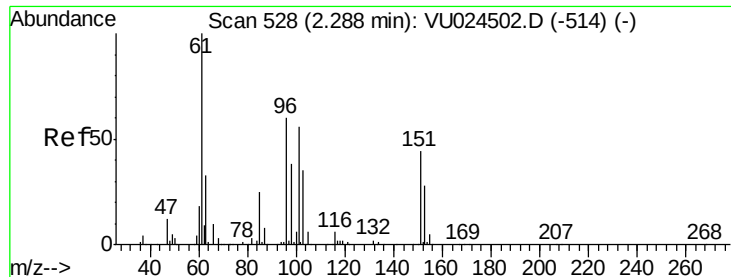
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10000

0

Time--> 2.05 2.10 2.15 2.20





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.40 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

MSVOA_U

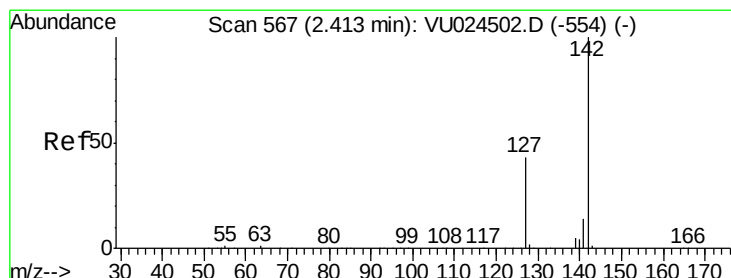
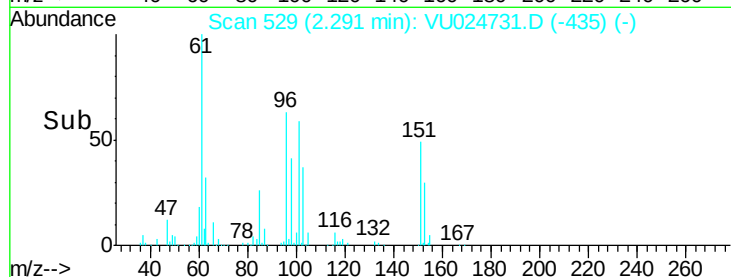
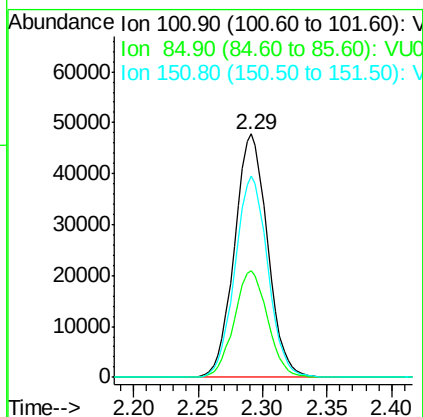
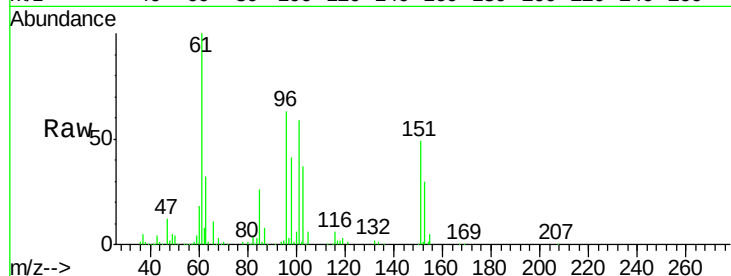
ClientSampleId :

SS036MW002-180613MS

Tot Ion:	101	Resp:	85310
Ion Ratio	Lower	Upper	
101	100		
85	44.1	36.0	54.0
151	82.2	62.3	93.5

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#10

Methyl Iodide

Concen: 55.34 ug/l

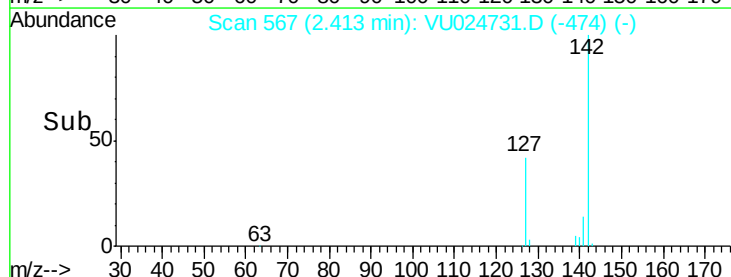
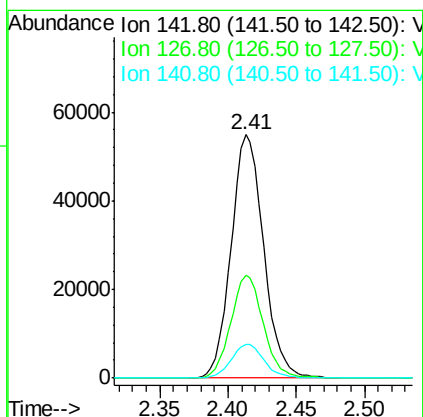
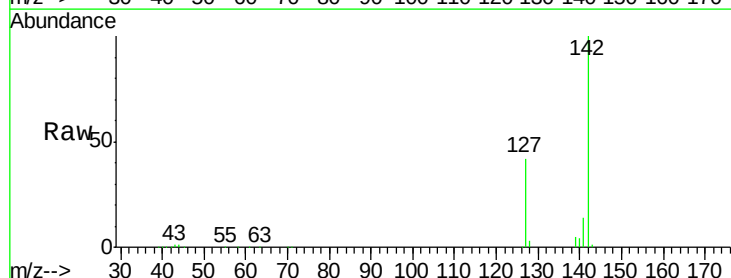
RT: 2.41 min Scan# 567

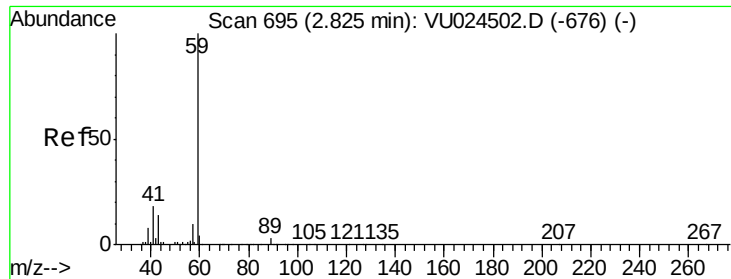
Delta R.T. 0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Tgt Ion:	142	Resp:	91017
Ion Ratio	Lower	Upper	
142	100		
127	42.2	35.6	53.4
141	14.0	11.7	17.5





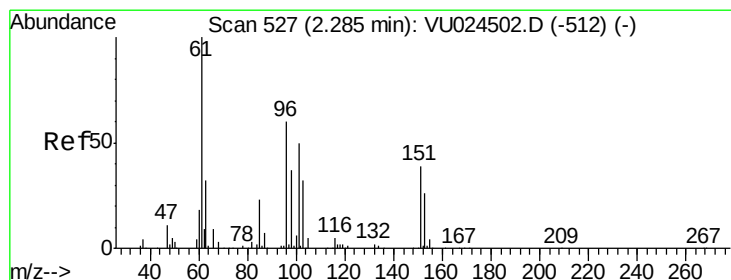
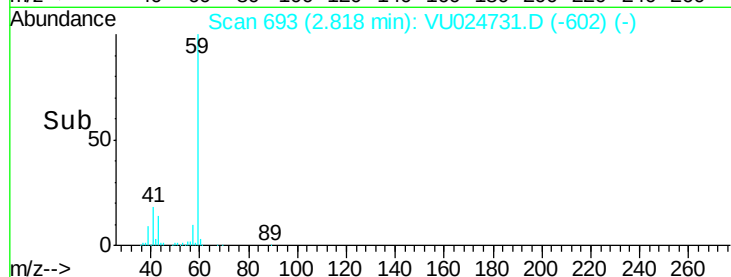
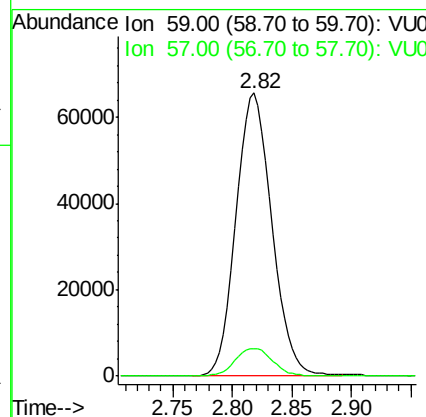
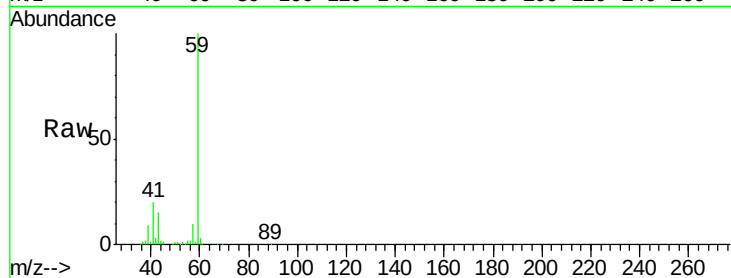
#11
Tert butyl alcohol
Concen: 225.01 ug/l
RT: 2.82 min Scan# 693
Delta R.T. -0.01 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Instrument :
MSVOA_U
ClientSampleId :
SS036MW002-180613MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.5	12.7

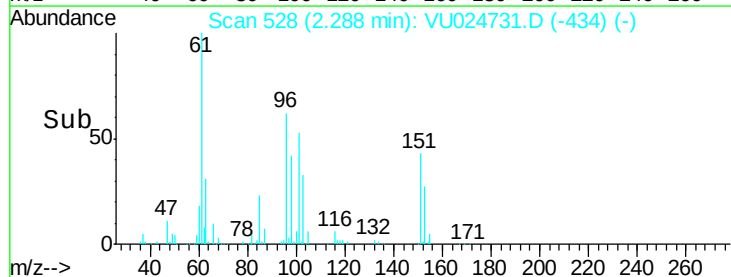
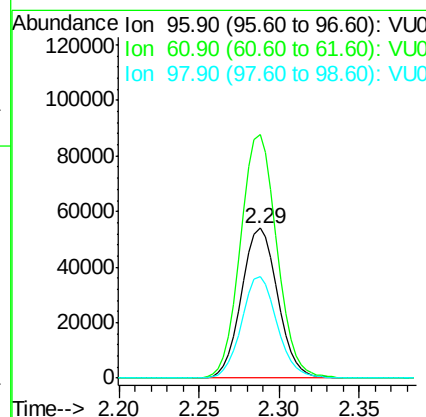
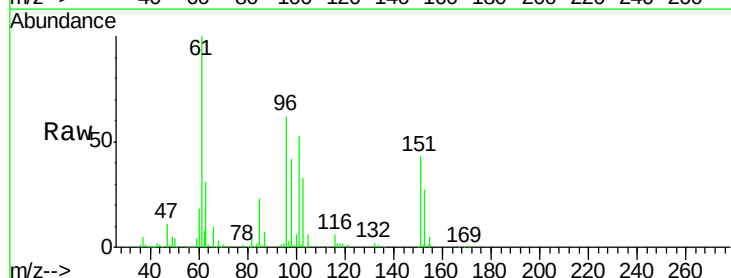
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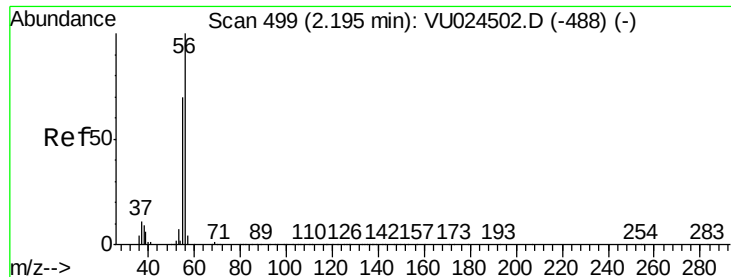
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.67 ug/l
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.5	141.7	212.5
98	67.5	51.6	77.4





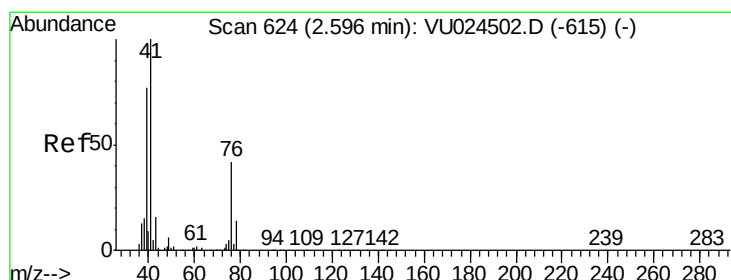
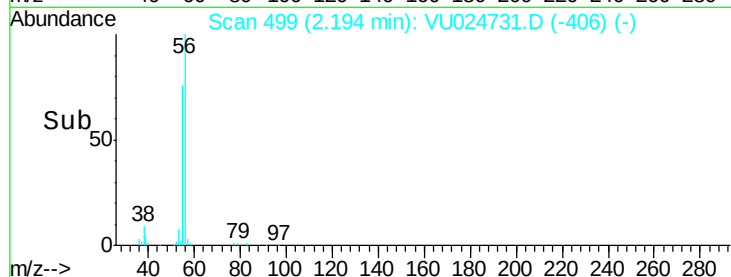
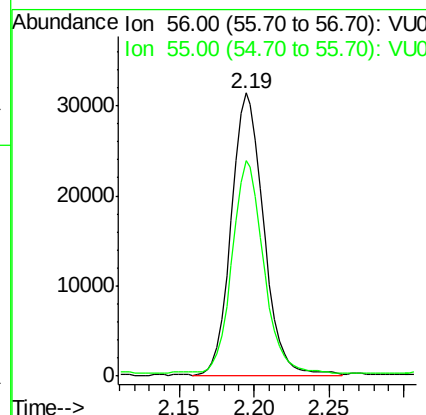
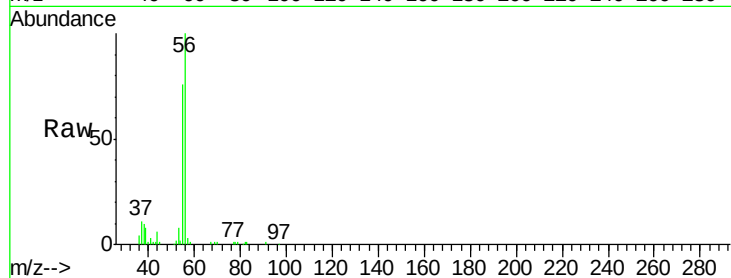
#13
Acrolein
Concen: 146.60 ug/l
RT: 2.19 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Instrument :
MSVOA_U
ClientSampleId :
SS036MW002-180613MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	73.7	58.4	87.6

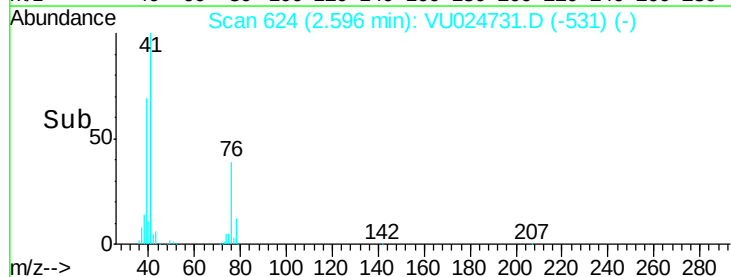
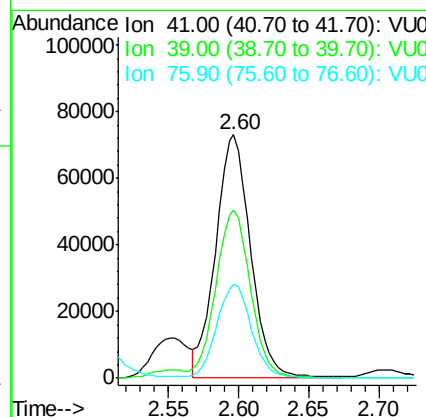
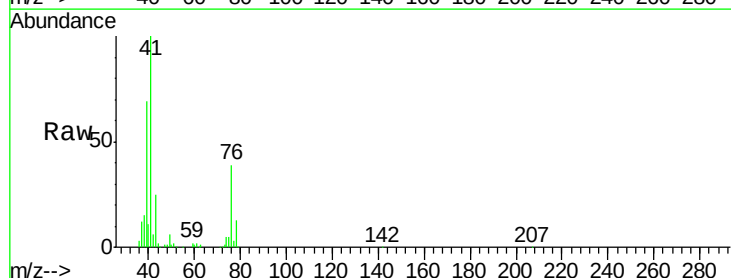
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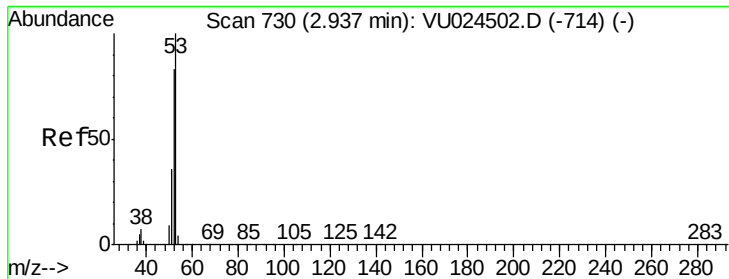
MMDadoda
6/19/2018 1:55:09 PM



#14
Allyl chloride
Concen: 38.21 ug/l
RT: 2.60 min Scan# 624
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.1	61.6	92.4
76	39.3	29.7	44.5





#15

Acrylonitrile

Concen: 268.50 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

MSVOA_U

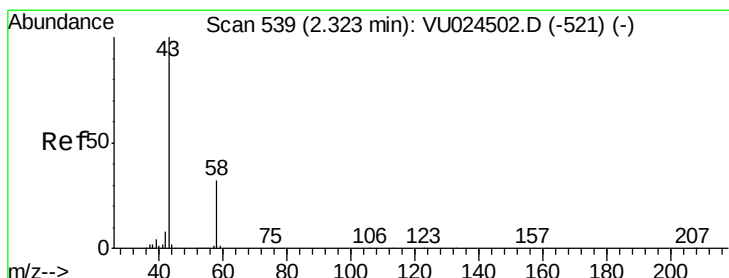
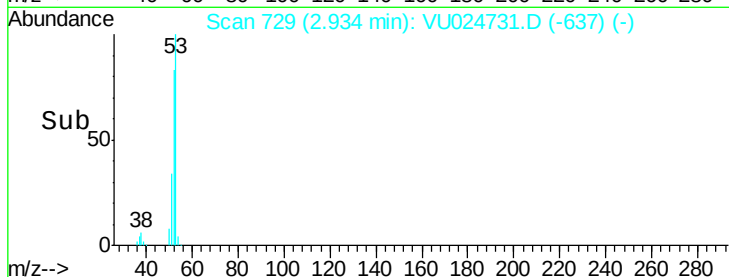
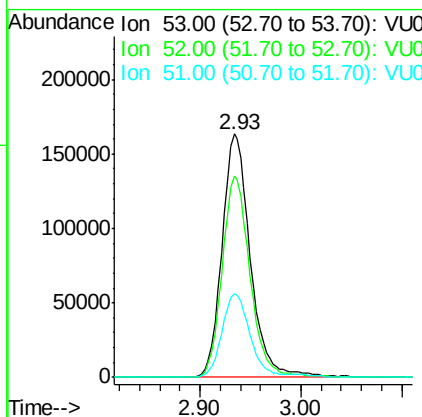
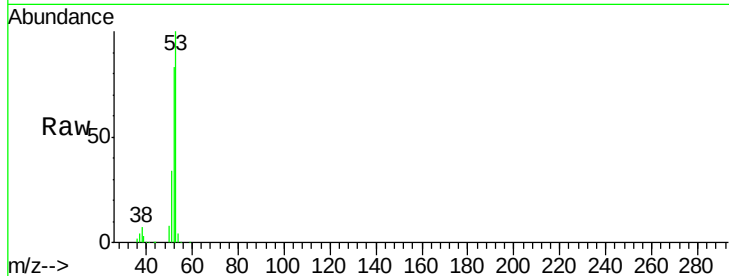
ClientSampleId :

SS036MW002-180613MS

Tot Ion:	53	Resp:	319201
Ion	Ratio	Lower	Upper
53	100		
52	82.1	67.1	100.7
51	35.3	28.4	42.6

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#16

Acetone

Concen: 201.72 ug/l

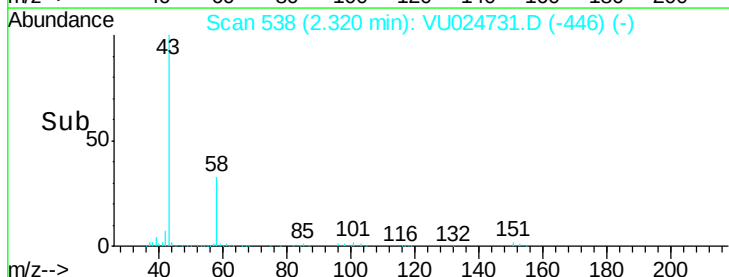
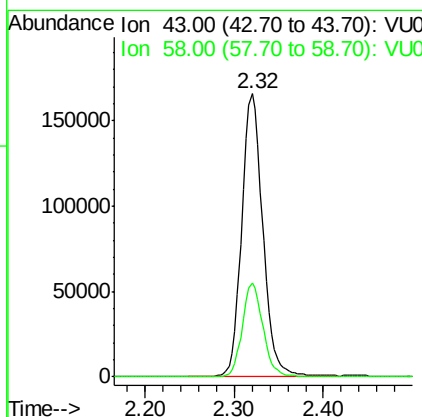
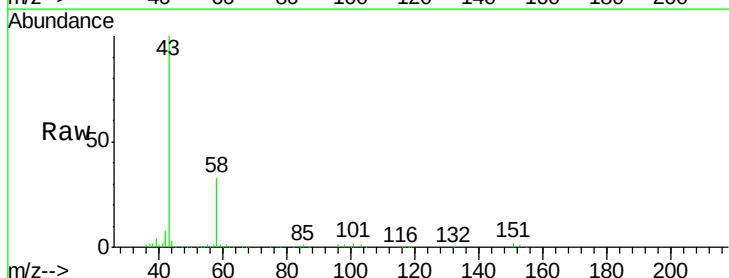
RT: 2.32 min Scan# 538

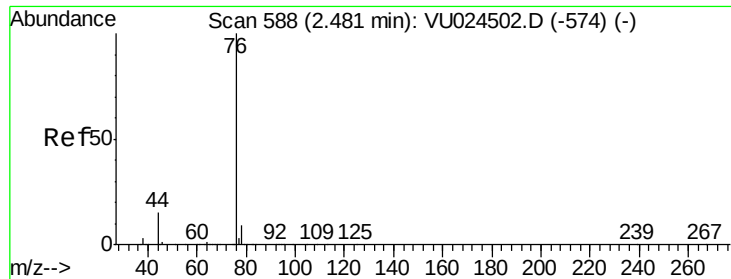
Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Tgt Ion:	43	Resp:	272302
Ion	Ratio	Lower	Upper
43	100		
58	33.0	24.4	36.6





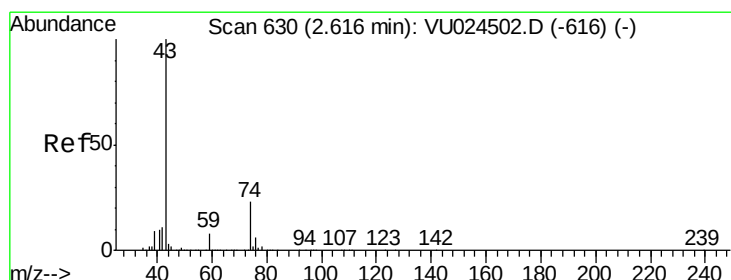
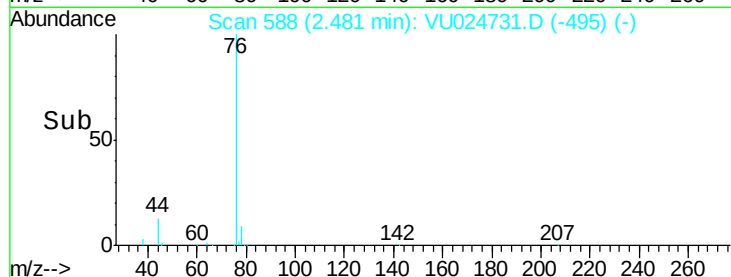
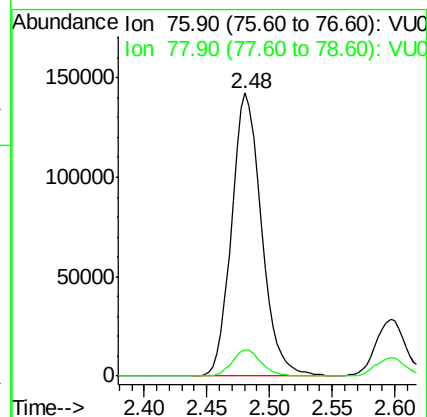
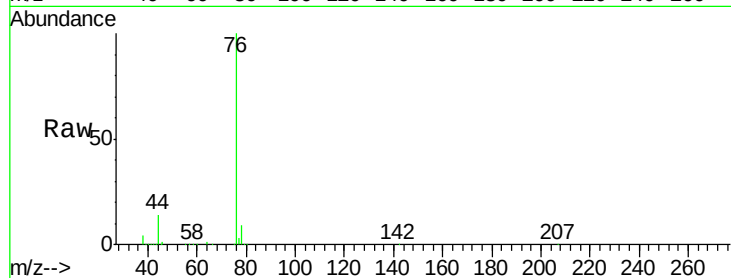
#17
Carbon Disulfide
Concen: 42.04 ug/l
RT: 2.48 min Scan# 588
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Instrument :
MSVOA_U
ClientSampleId :
SS036MW002-180613MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

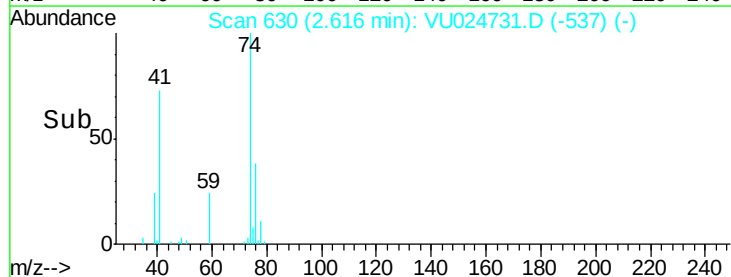
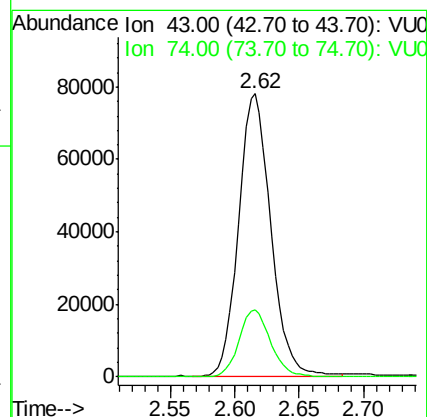
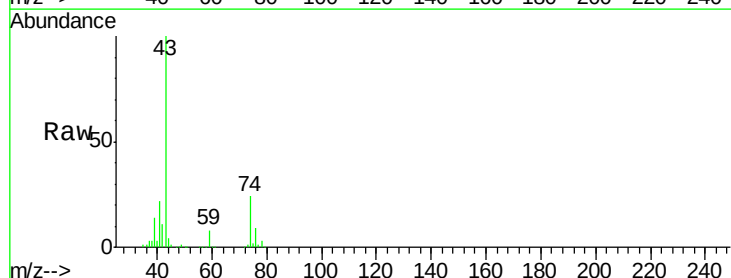
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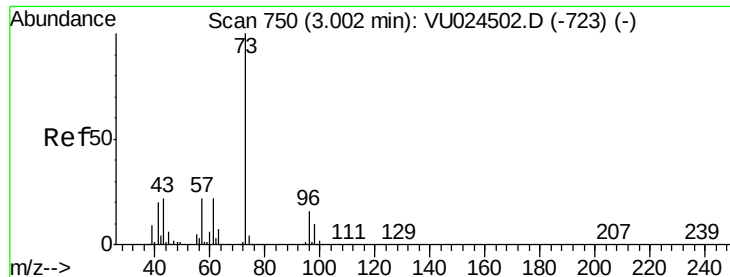
MMDadoda
6/19/2018 1:55:09 PM



#18
Methyl Acetate
Concen: 46.80 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	18.0	27.0





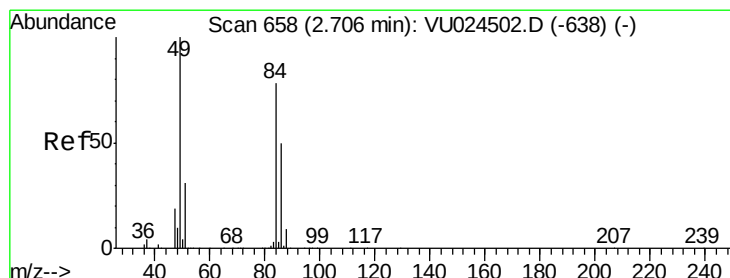
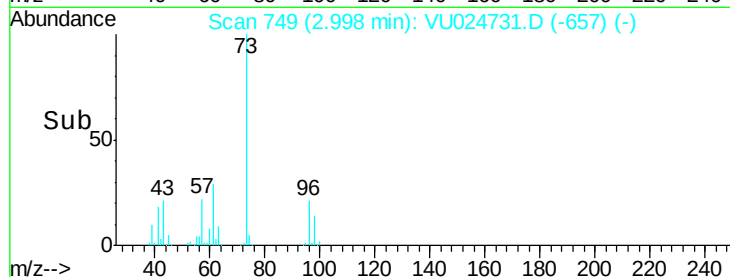
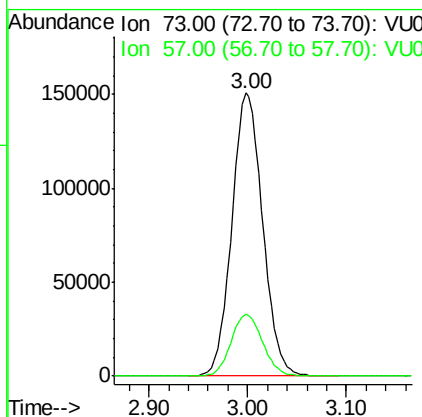
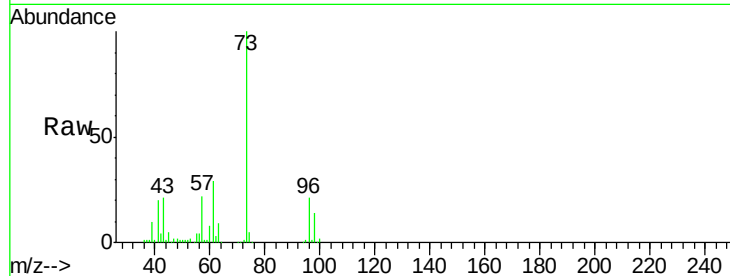
#19
Methyl tert-butyl Ether
Concen: 49.64 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Instrument :
MSVOA_U
ClientSampleId :
SS036MW002-180613MS

Tot Ion: 73 Resp: 327003
Ion Ratio Lower Upper
73 100
57 21.9 18.8 28.2

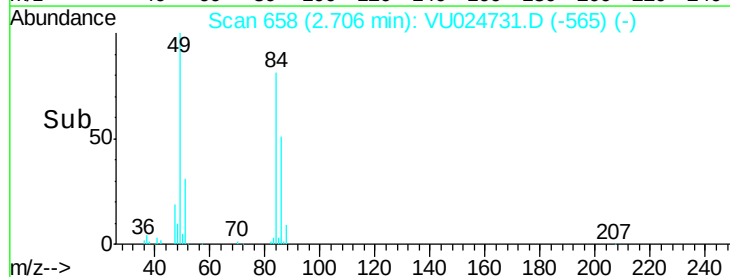
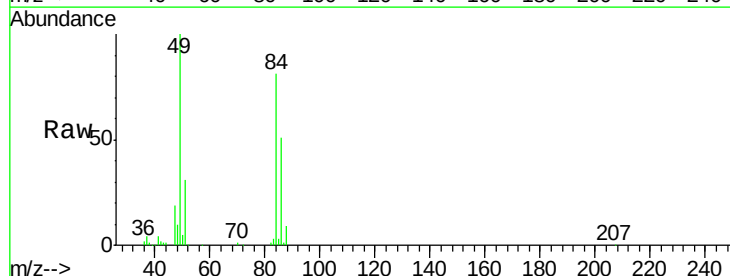
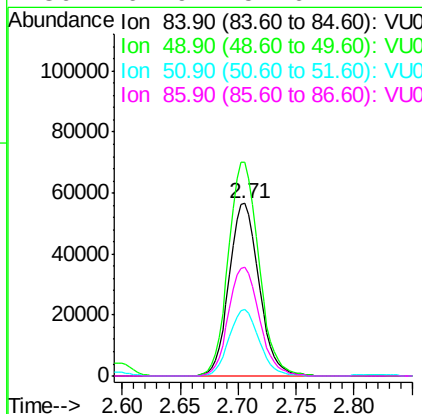
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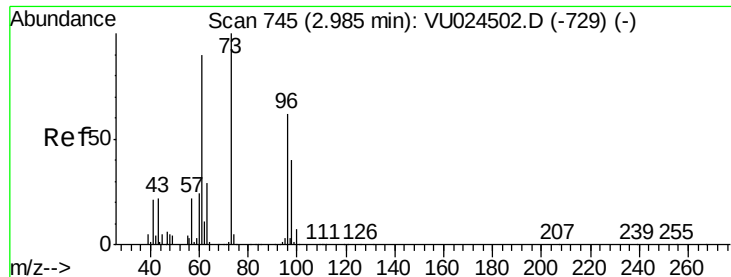
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#20
Methylene Chloride
Concen: 48.00 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Tgt Ion: 84 Resp: 101660
Ion Ratio Lower Upper
84 100
49 123.7 103.8 155.8
51 38.4 32.0 48.0
86 62.9 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 47.17 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

MSVOA_U

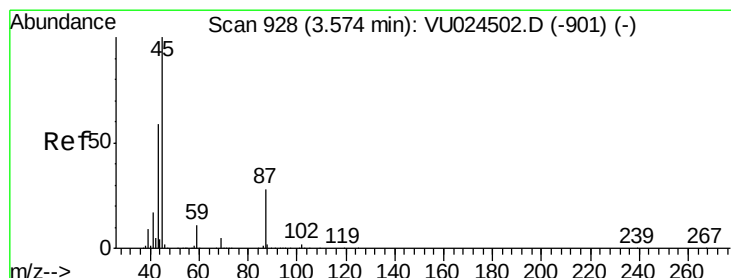
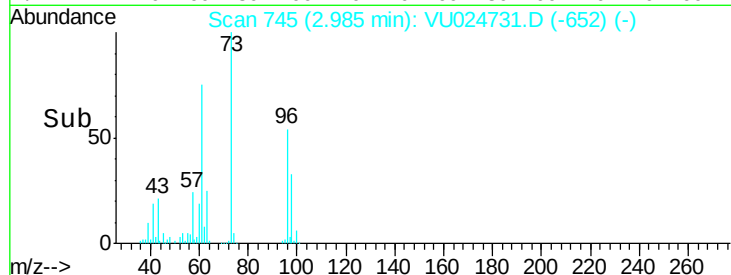
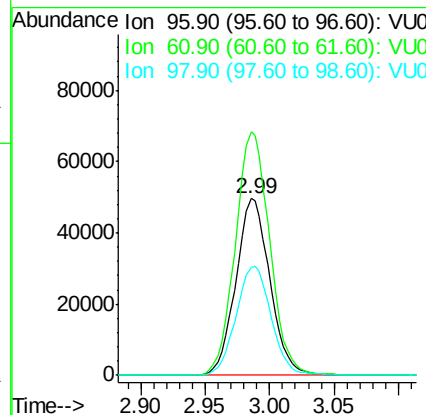
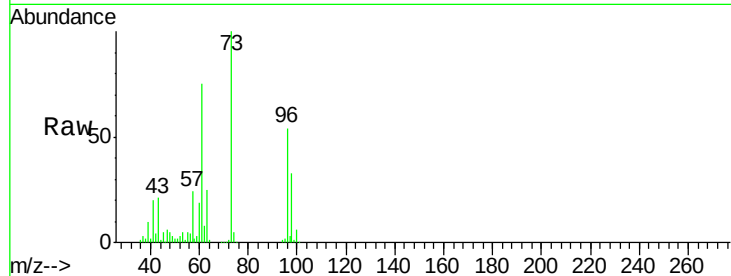
ClientSampleId :

SS036MW002-180613MS

Tot Ion:	96	Resp:	91038
Ion	Ratio	Lower	Upper
96	100		
61	137.9	119.4	179.0
98	61.4	51.1	76.7

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#22

Diisopropyl ether

Concen: 50.47 ug/l

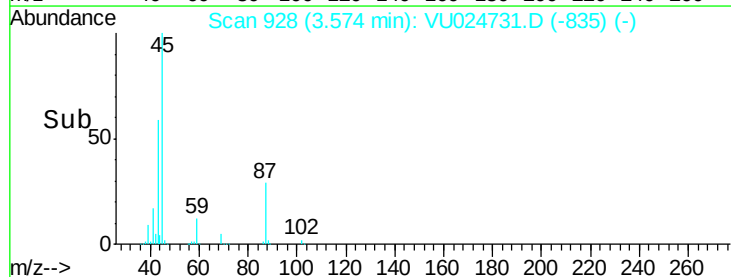
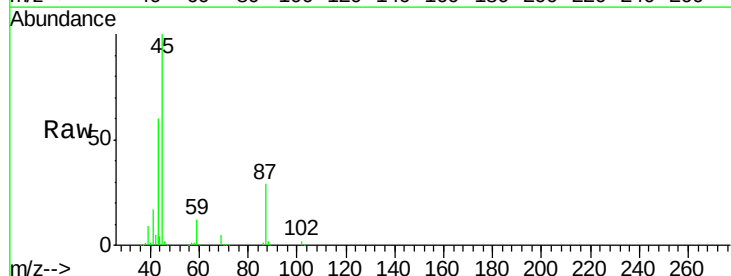
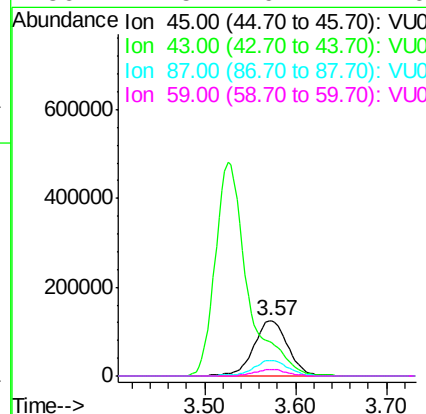
RT: 3.57 min Scan# 928

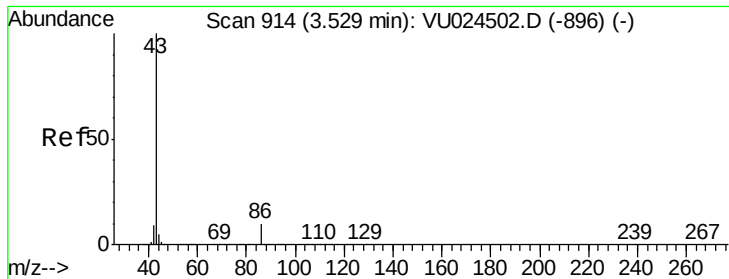
Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Tgt Ion:	45	Resp:	325525
Ion	Ratio	Lower	Upper
45	100		
43	58.4	45.8	68.6
87	28.5	20.6	31.0
59	11.5	9.4	14.0





#23

Vinyl Acetate

Concen: 206.03 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

MSVOA_U

ClientSampleId :

SS036MW002-180613MS

Tot Ion: 43 Resp: 1190373

Ion Ratio Lower Upper

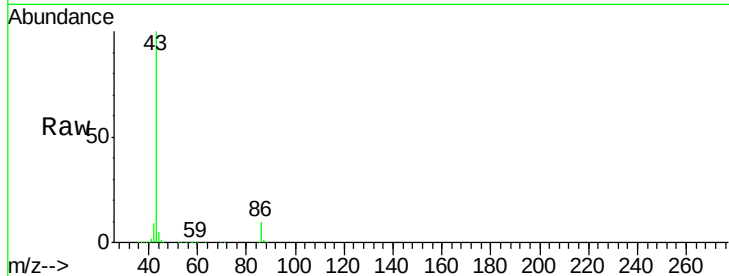
43 100

86 10.0 7.8 11.8

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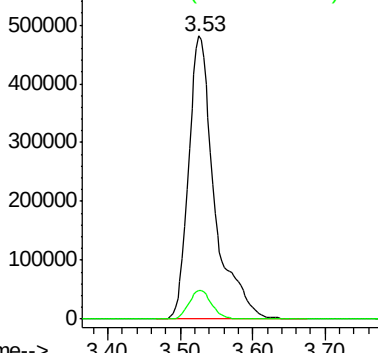
MMDadoda

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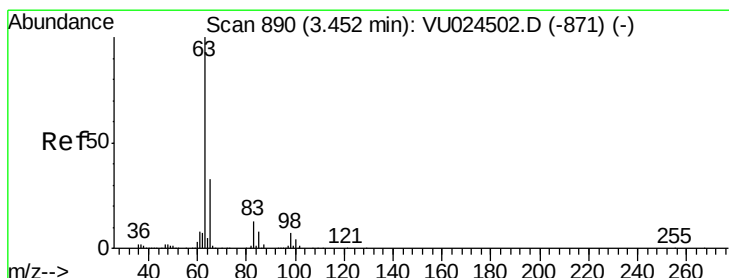
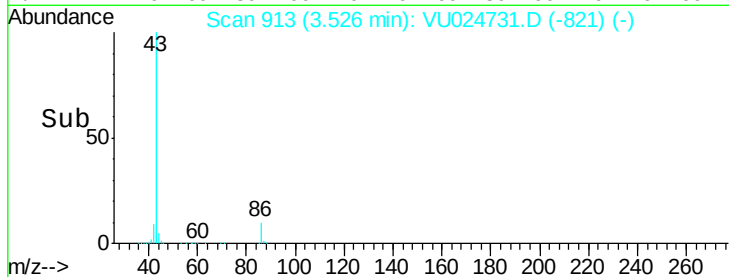


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



Time-->



#24

1,1-Dichloroethane

Concen: 49.95 ug/l

RT: 3.45 min Scan# 890

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

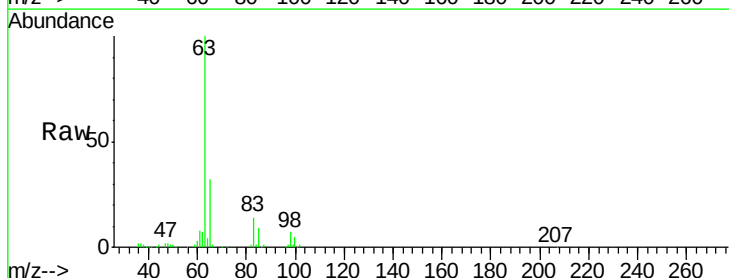
Tgt Ion: 63 Resp: 185333

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

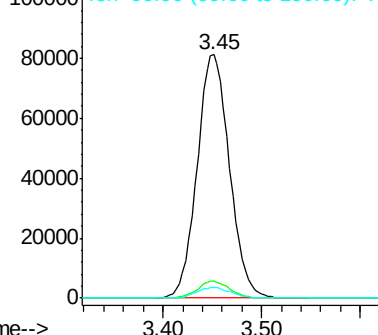
100 4.6 1.8 5.5



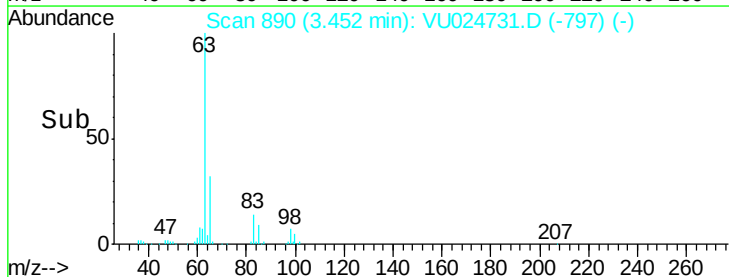
Abundance Ion 62.90 (62.60 to 63.60): VU0

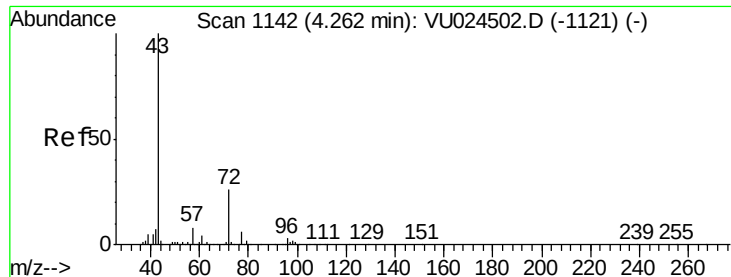
Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0



Time-->





#25

2-Butanone

Concen: 248.20 ug/l

RT: 4.26 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

MSVOA_U

ClientSampleId :

SS036MW002-180613MS

Tot Ion: 43 Resp: 450034

Ion Ratio Lower Upper

43 100

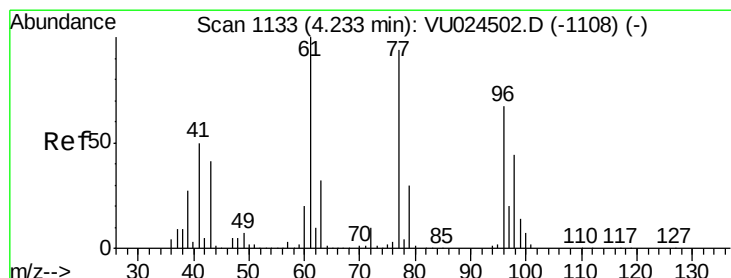
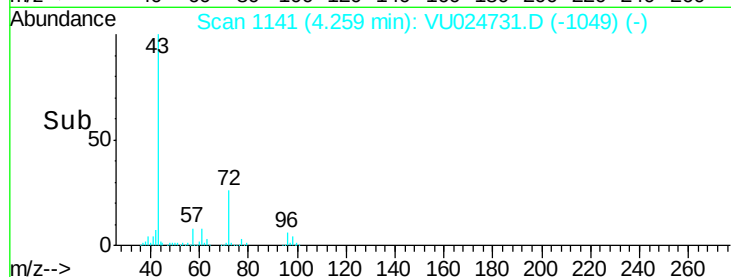
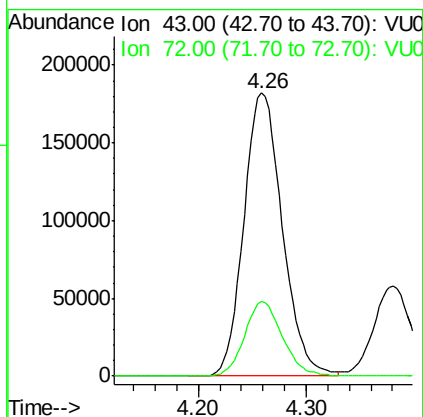
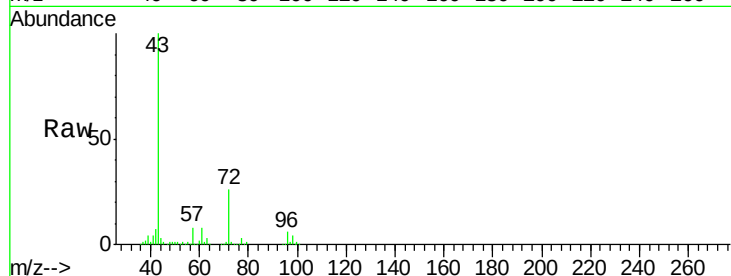
72 26.5 19.6 29.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 11.38 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024731.D

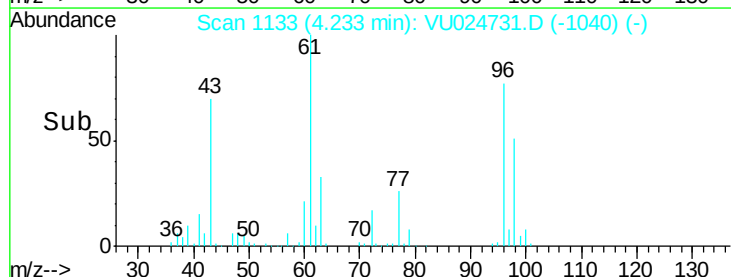
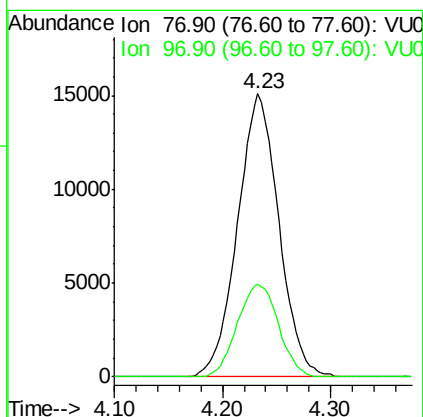
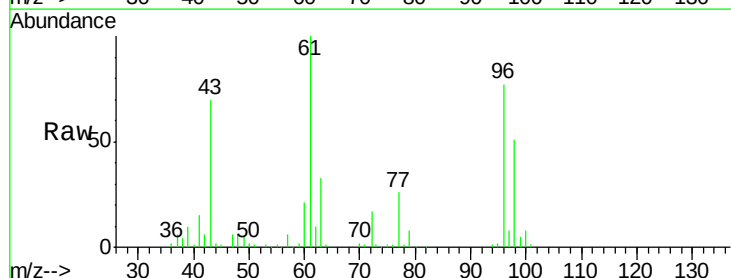
Acq: 19 Jun 2018 08:22

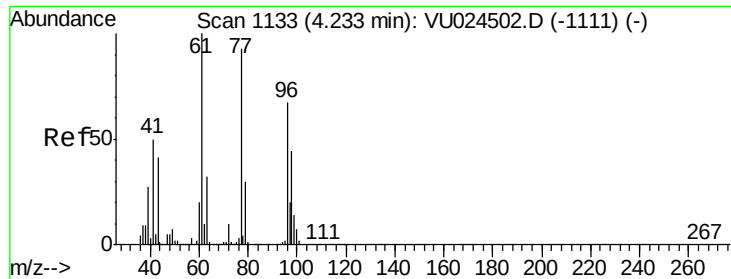
Tgt Ion: 77 Resp: 40091

Ion Ratio Lower Upper

77 100

97 32.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 50.40 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

MSVOA_U

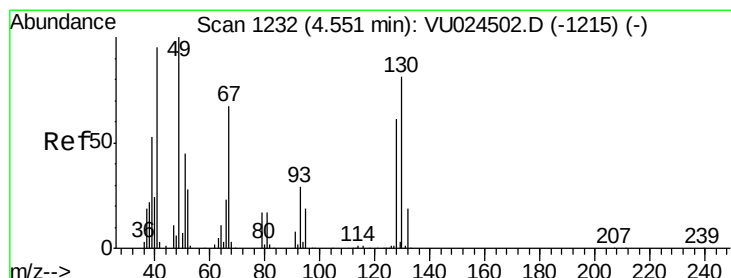
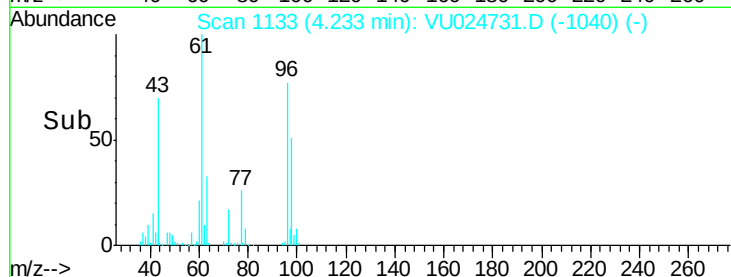
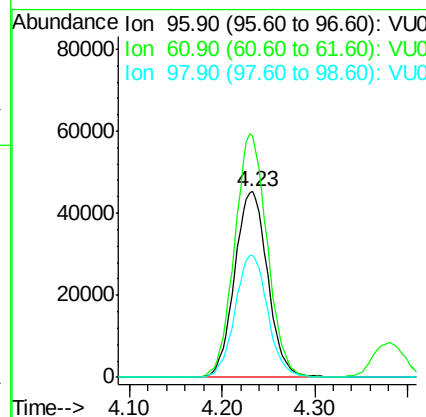
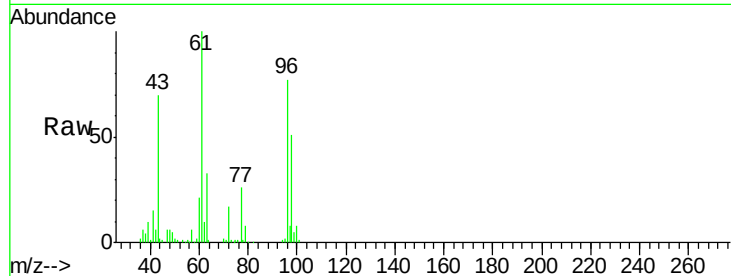
ClientSampleId :

SS036MW002-180613MS

Tot Ion:	96	Resp:	111825
Ion Ratio	Lower	Upper	
96	100		
61	129.4	0.0	306.6
98	64.8	0.0	128.8

Manual Integrations
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#28

Bromochloromethane

Concen: 55.57 ug/l

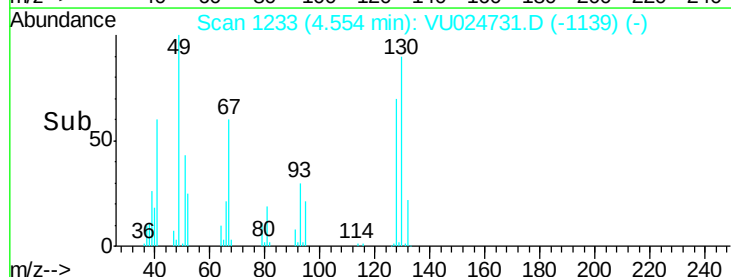
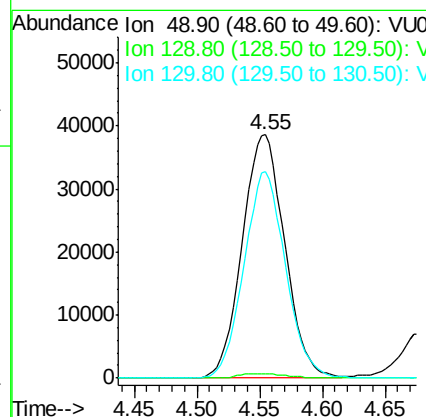
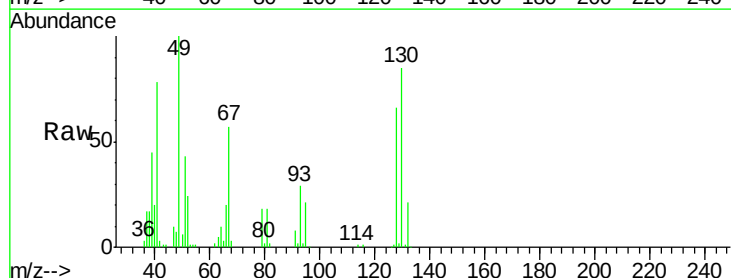
RT: 4.55 min Scan# 1233

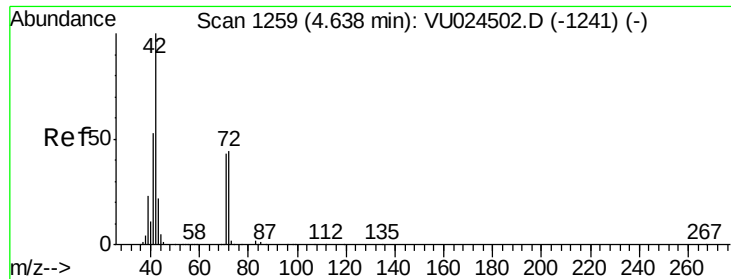
Delta R.T. 0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Tgt Ion:	49	Resp:	90813
Ion Ratio	Lower	Upper	
49	100		
129	2.0	0.0	3.8
130	83.1	57.8	86.6





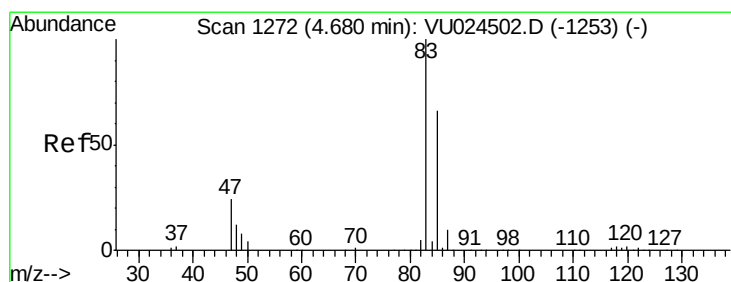
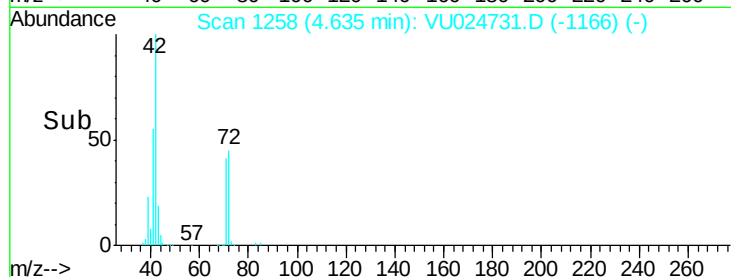
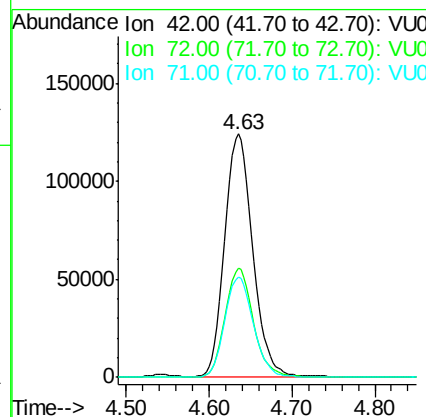
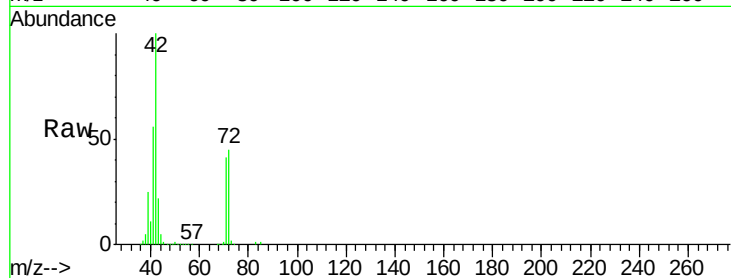
#29
Tetrahydrofuran
Concen: 259.57 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Instrument :
MSVOA_U
ClientSampleId :
SS036MW002-180613MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	34.5	51.7
71	42.1	32.2	48.4

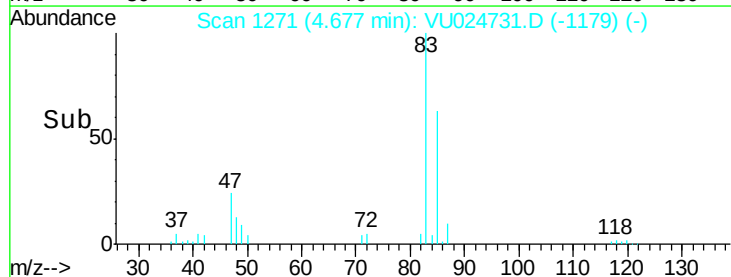
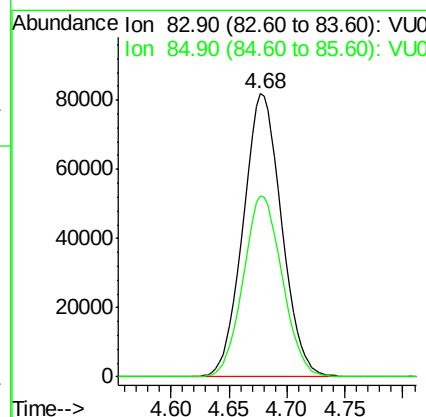
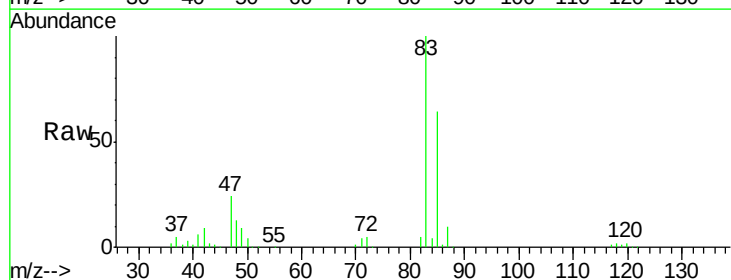
Manual Integrations
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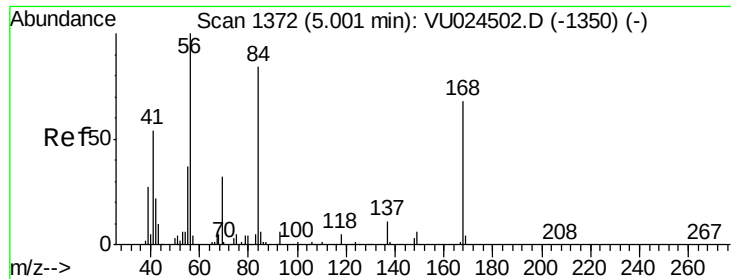
MMDadoda
6/19/2018 1:55:09 PM



#30
Chloroform
Concen: 50.39 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.4	78.6





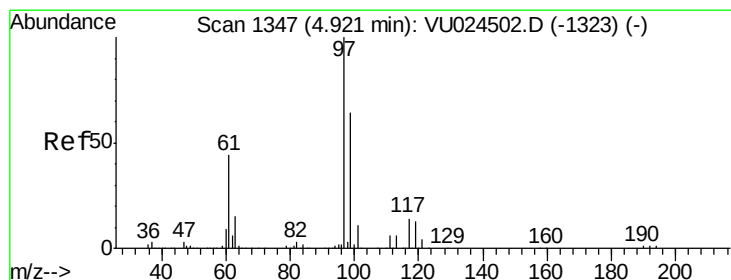
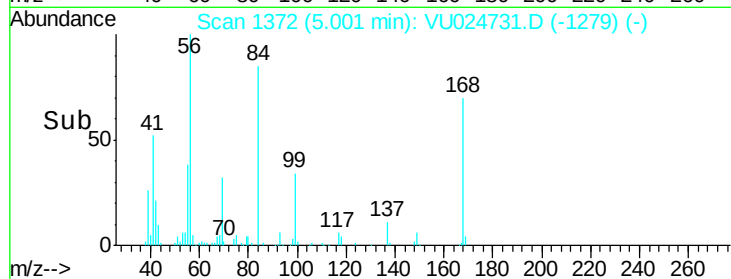
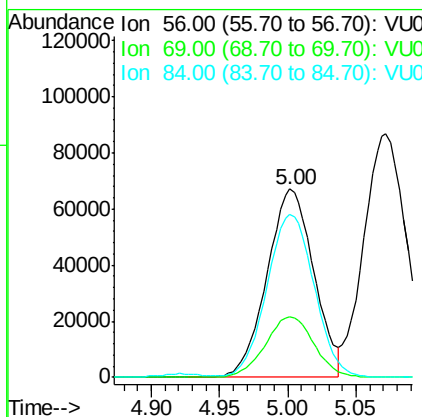
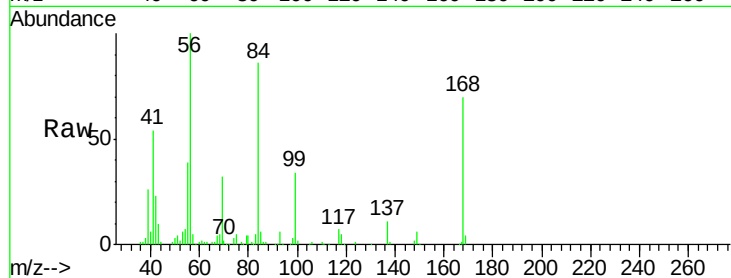
#31
Cyclohexane
Concen: 48.56 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Instrument :
MSVOA_U
ClientSampleId :
SS036MW002-180613MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	24.8	37.2
84	84.6	65.2	97.8

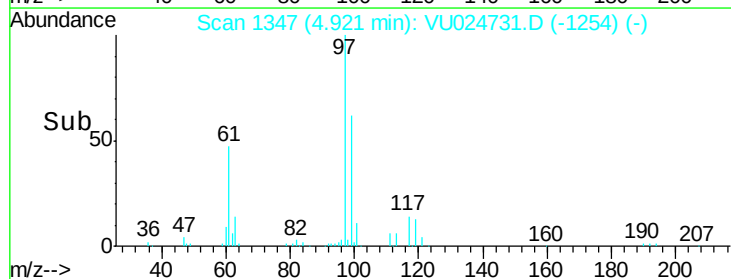
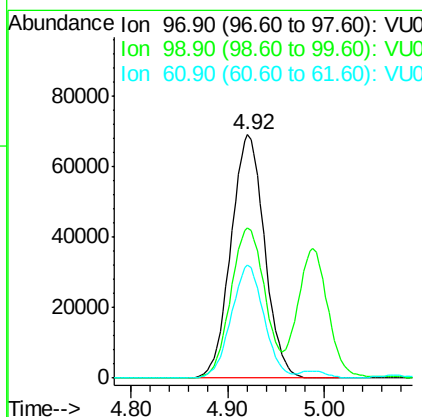
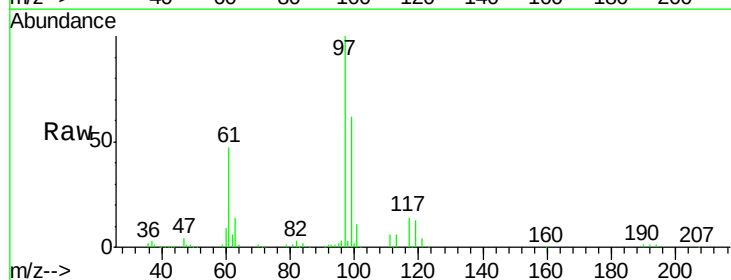
Manual Integrations
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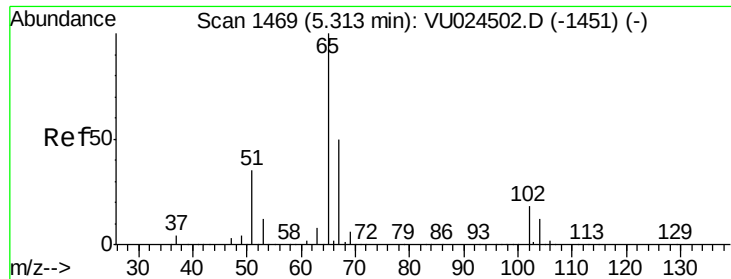
MMDadoda
6/19/2018 1:55:09 PM



#32
1,1,1-Trichloroethane
Concen: 47.82 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.0	76.6
61	45.4	39.4	59.0





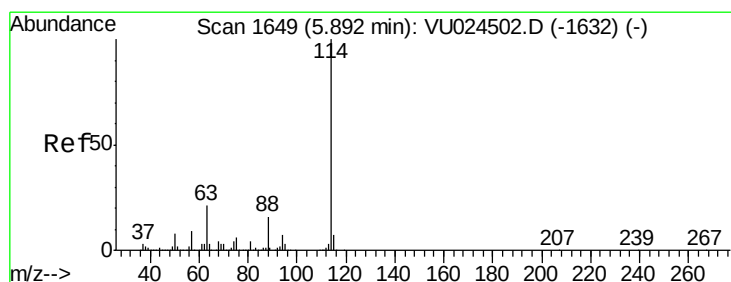
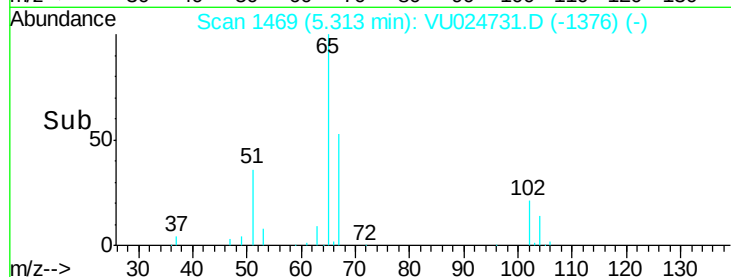
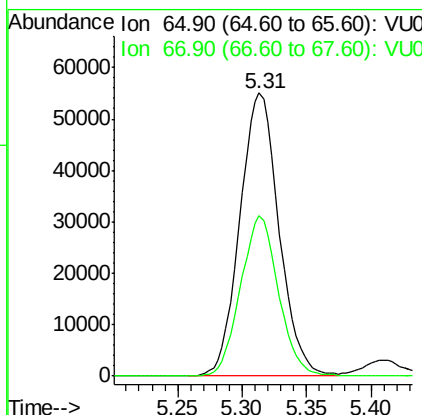
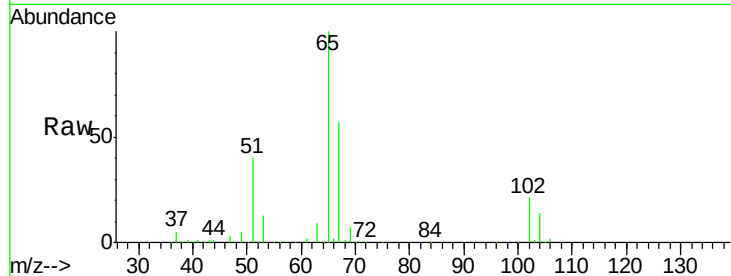
#33
 1,2-Dichloroethane-d4
 Concen: 46.32 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024731.D
 Acq: 19 Jun 2018 08:22

Instrument :
 MSVOA_U
 ClientSampleId :
 SS036MW002-180613MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	107.0

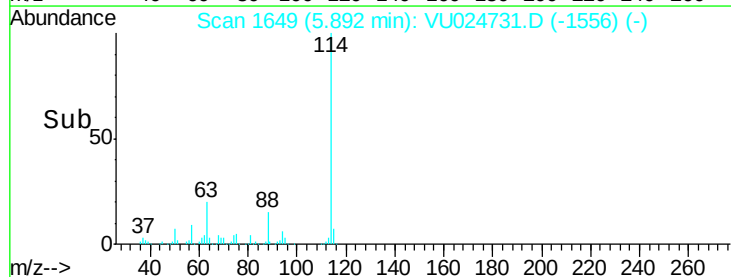
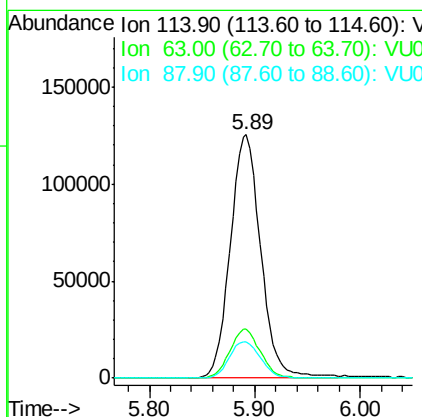
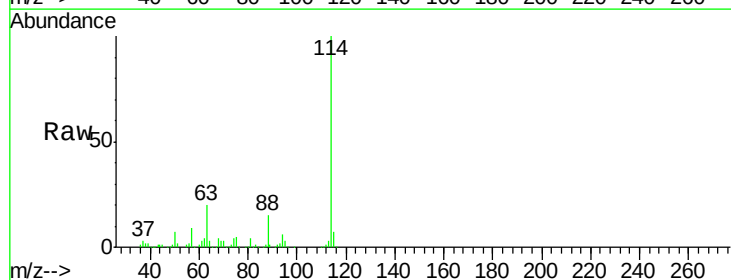
Manual Integrations
 APPROVED

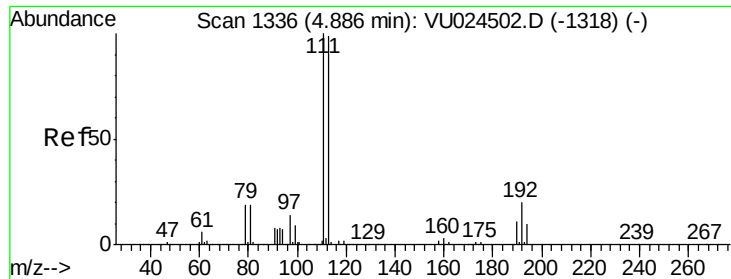
MMDadoda
 6/19/2018 1:55:09 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024731.D
 Acq: 19 Jun 2018 08:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	45.4
88	14.7	0.0	31.0





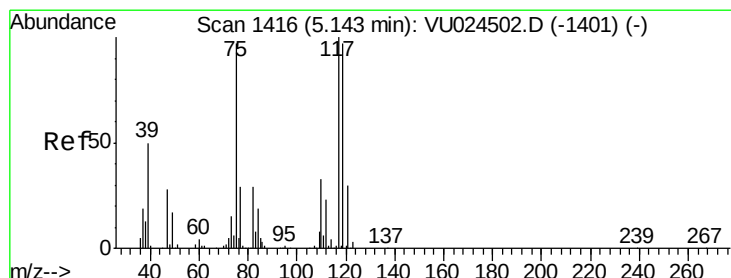
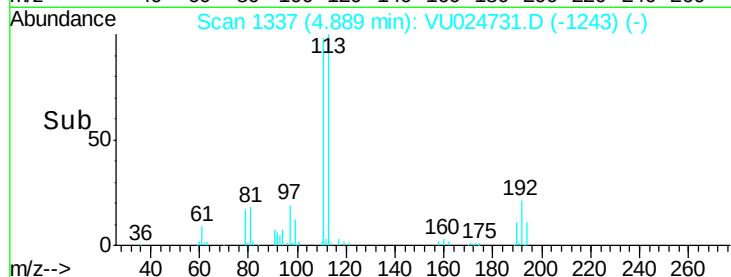
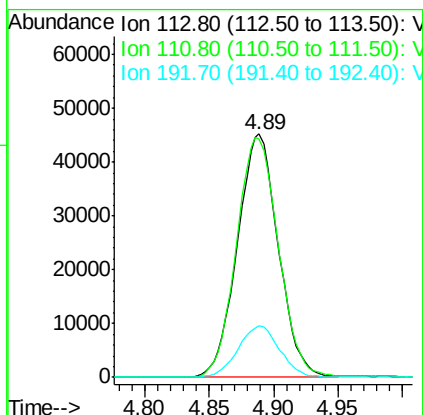
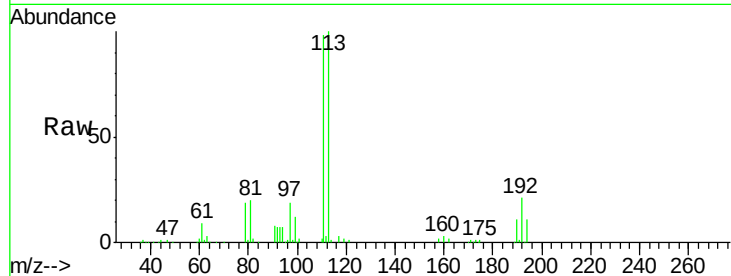
#35
 Dibromofluoromethane
 Concen: 47.86 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024731.D
 Acq: 19 Jun 2018 08:22

Instrument :
 MSVOA_U
 ClientSampleId :
 SS036MW002-180613MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.2	123.4
192	21.4	16.2	24.4

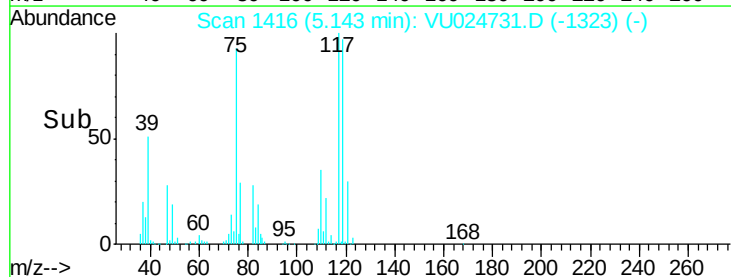
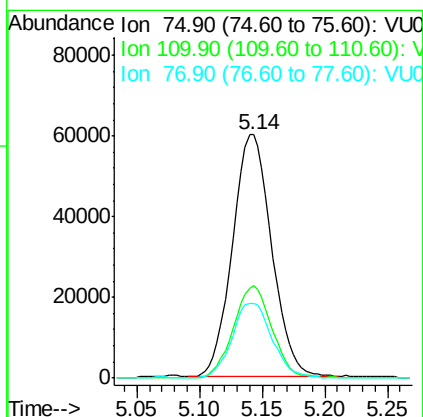
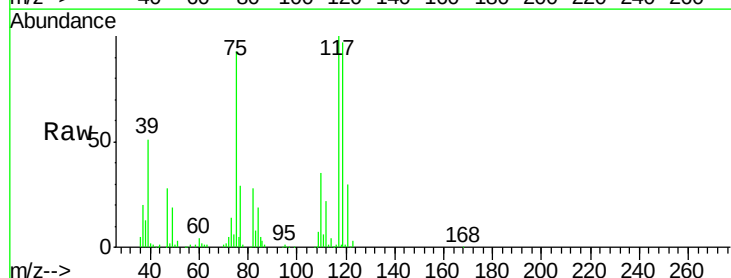
Manual Integrations
 APPROVED

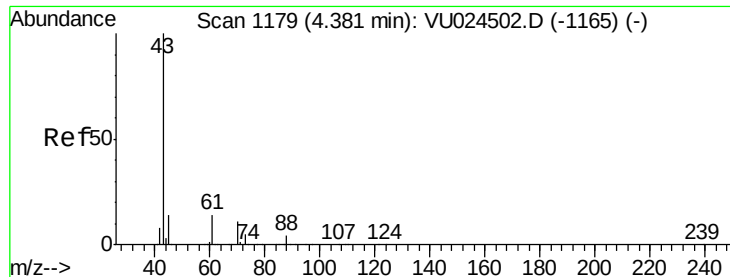
MMDadoda
 6/19/2018 1:55:09 PM



#36
 1,1-Dichloropropene
 Concen: 44.12 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VU024731.D
 Acq: 19 Jun 2018 08:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	17.0	50.9
77	31.1	24.2	36.4





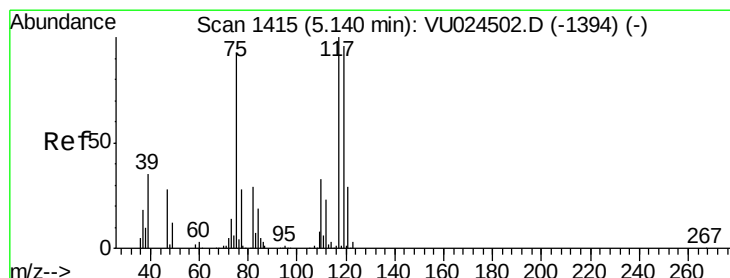
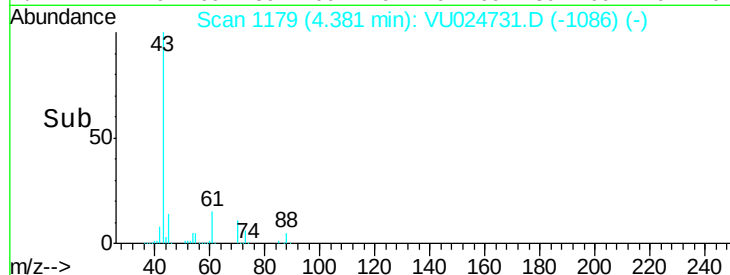
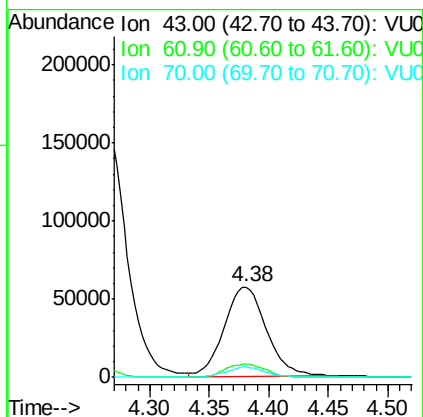
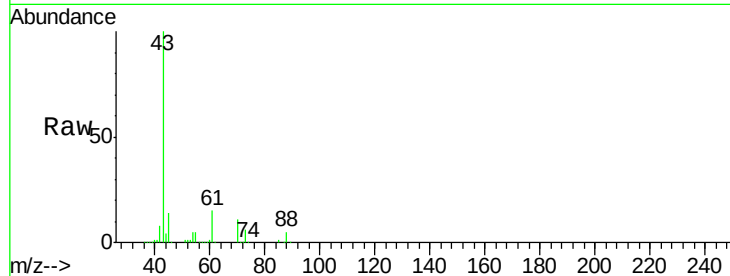
#37
Ethyl Acetate
Concen: 43.98 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Instrument :
MSVOA_U
ClientSampleId :
SS036MW002-180613MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.5	15.7
70	10.9	7.4	11.2

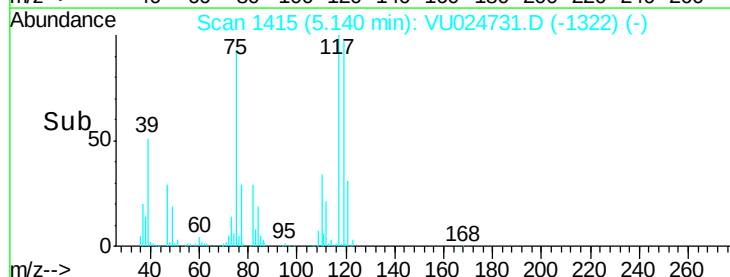
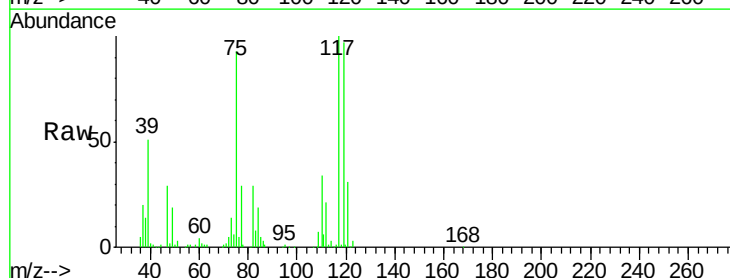
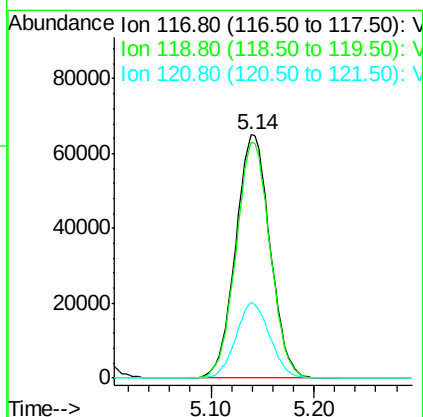
Manual Integrations
APPROVED

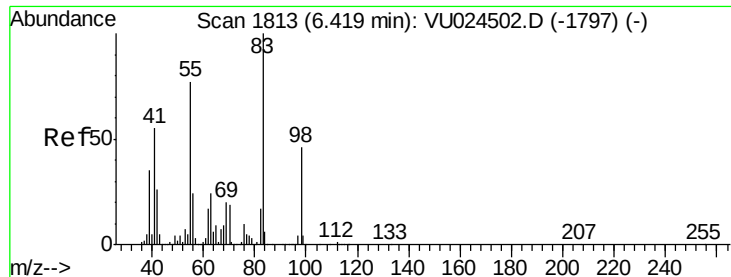
MMDadoda
6/19/2018 1:55:09 PM



#38
Carbon Tetrachloride
Concen: 46.56 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.1	114.1
121	31.1	23.7	35.5





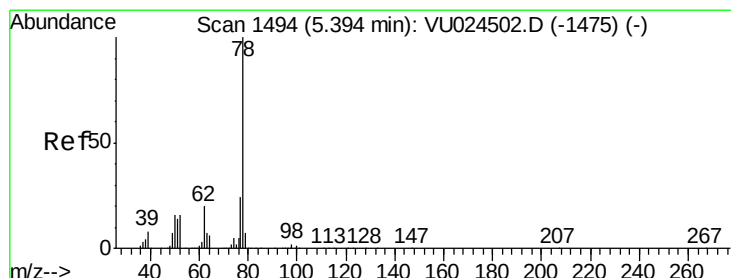
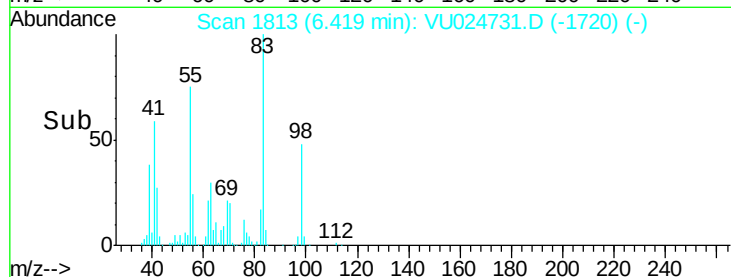
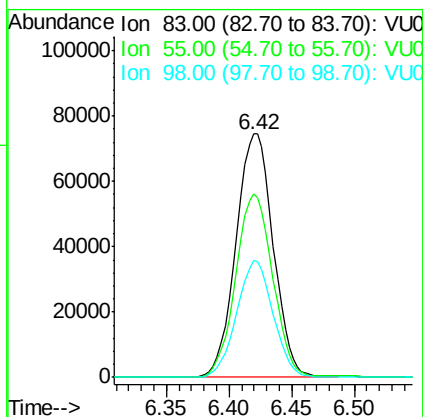
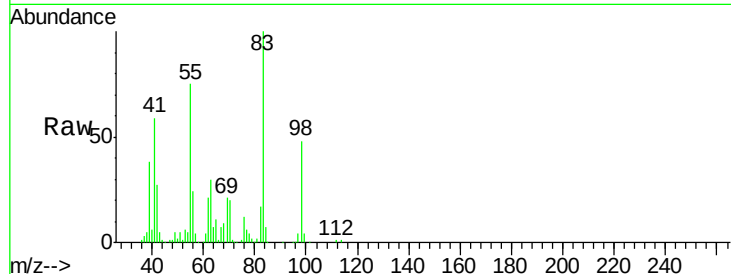
#39
Methylvlcyclohexane
Concen: 41.86 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Instrument :
MSVOA_U
ClientSampleId :
SS036MW002-180613MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	154146		
55	75.3		65.8	98.6
98	47.9		36.7	55.1

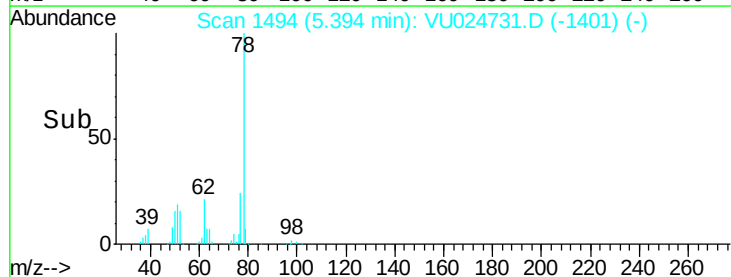
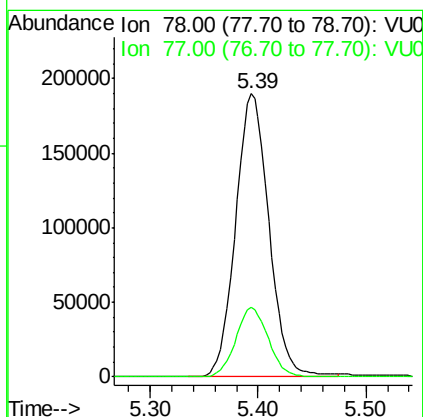
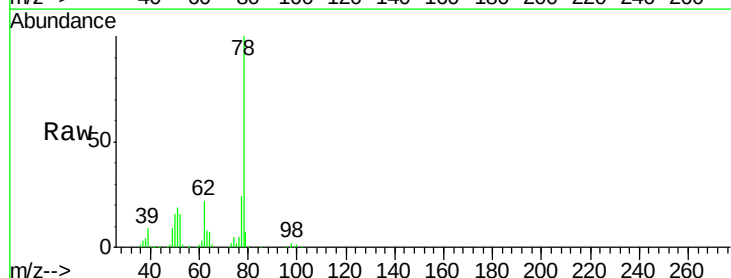
Manual Integrations
APPROVED

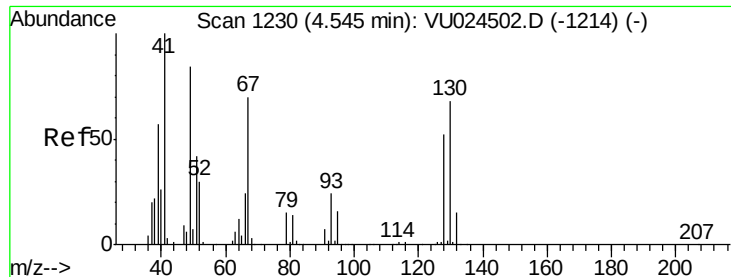
MMDadoda
6/19/2018 1:55:09 PM



#40
Benzene
Concen: 48.66 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	409165		
77	24.4		19.2	28.8





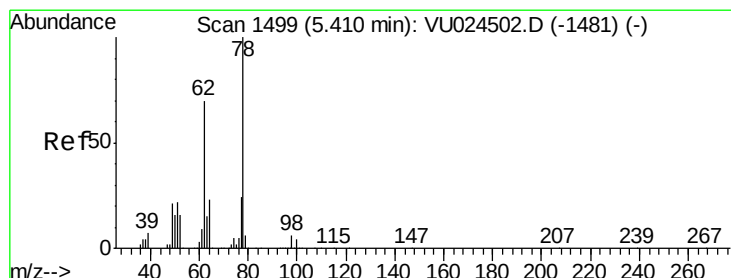
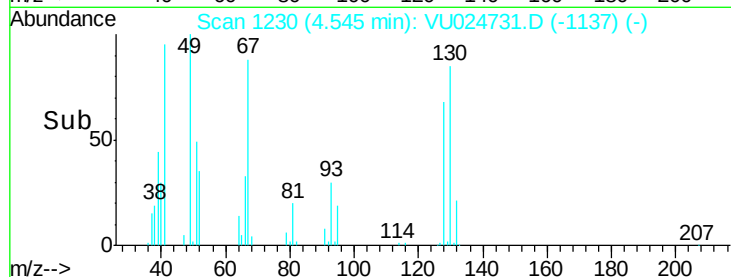
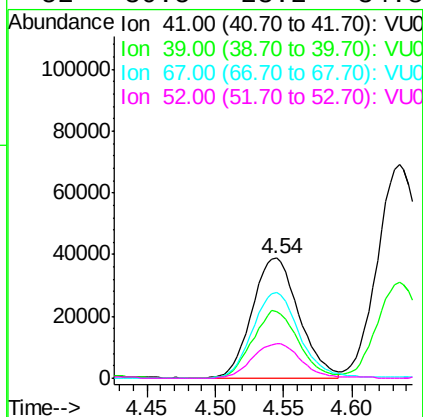
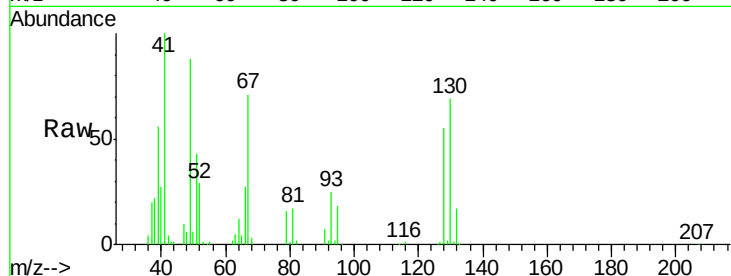
#41
Methacrylonitrile
Concen: 53.28 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Instrument :
MSVOA_U
ClientSampleId :
SS036MW002-180613MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.5	43.8	65.6	
67	72.0	56.3	84.5	
52	30.5	23.2	34.8	

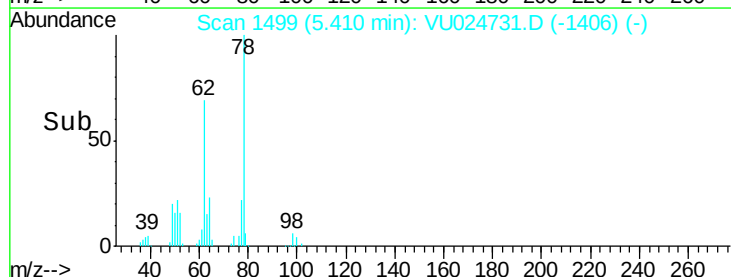
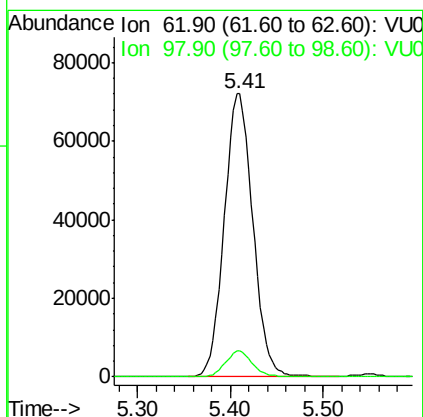
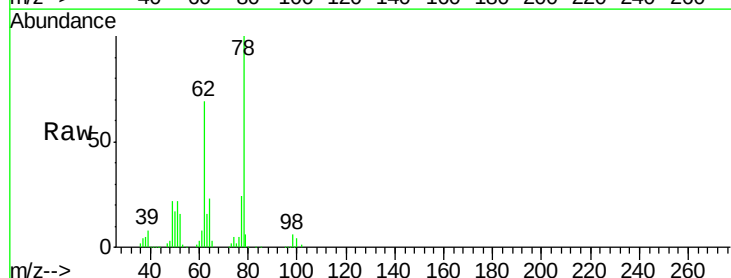
Manual Integrations
APPROVED

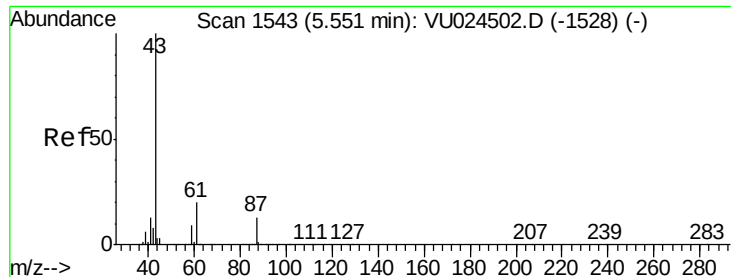
MMDadoda
6/19/2018 1:55:09 PM



#42
1,2-Dichloroethane
Concen: 48.20 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	16.6	





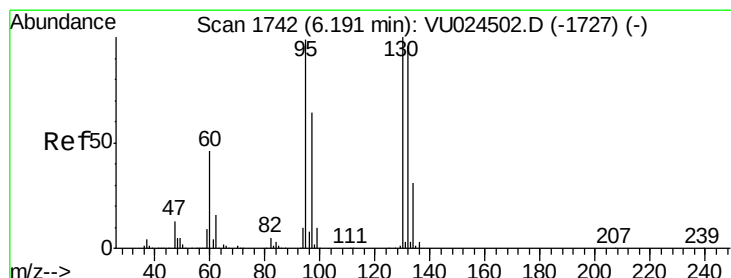
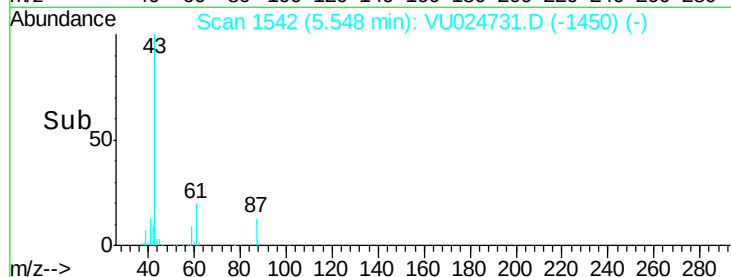
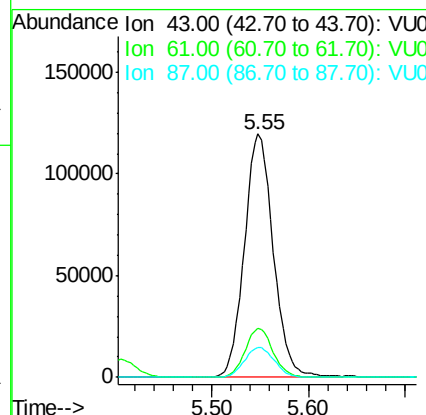
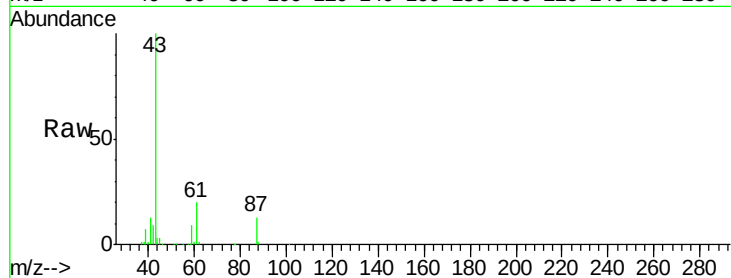
#43
Isopropyl Acetate
Concen: 44.31 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Instrument :
MSVOA_U
ClientSampleId :
SS036MW002-180613MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.4	23.0
87	13.0	10.0	15.0

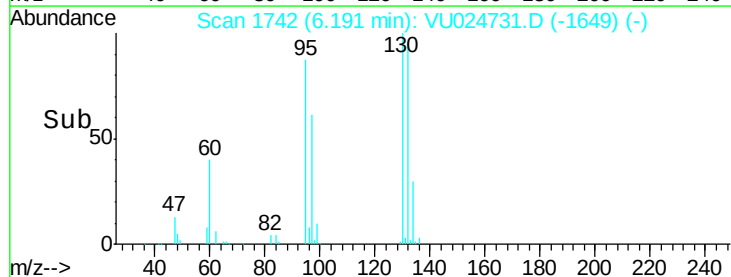
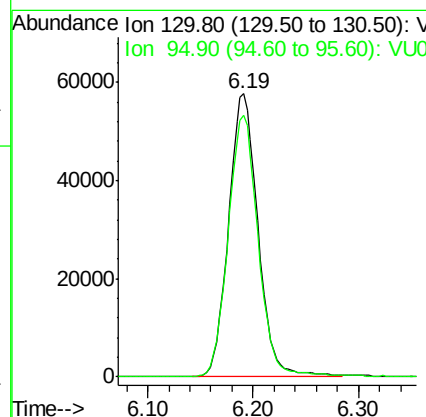
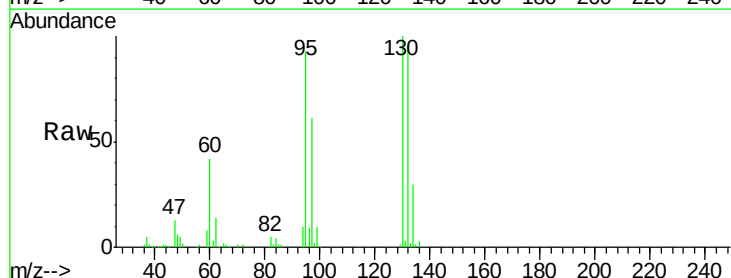
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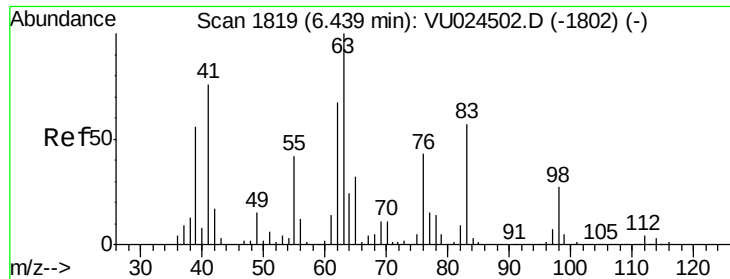
MMDadoda
6/19/2018 1:55:09 PM



#44
Trichloroethene
Concen: 46.56 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	202.4





#45

1,2-Dichloropropane

Concen: 50.11 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

MSVOA_U

ClientSampleId :

SS036MW002-180613MS

Tot Ion: 63 Resp: 112424

Ion Ratio Lower Upper

63 100

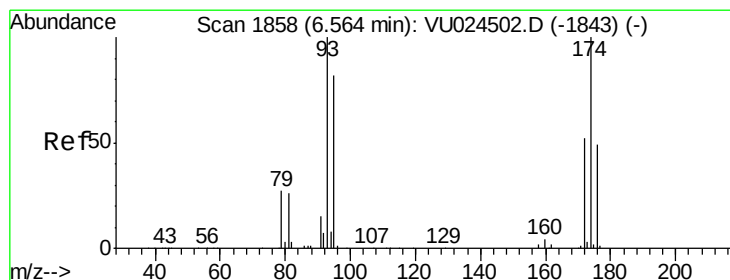
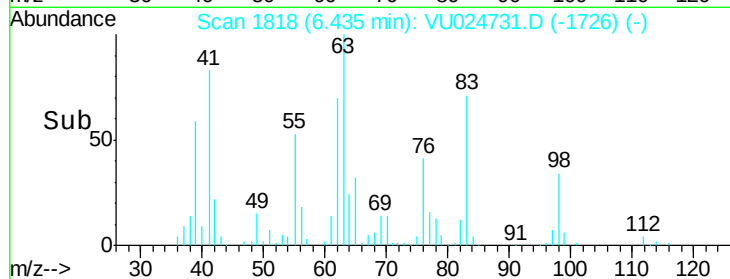
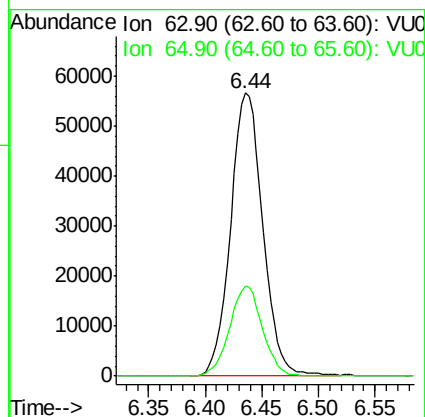
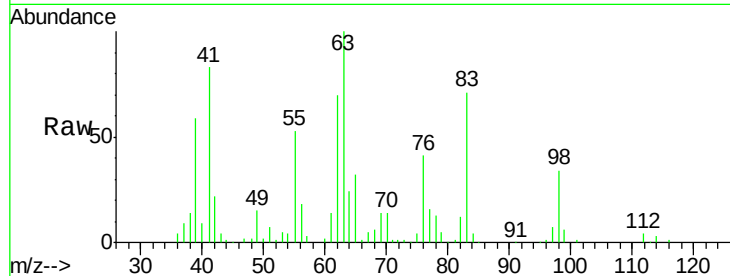
65 31.9 24.8 37.2

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#46

Dibromomethane

Concen: 49.93 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

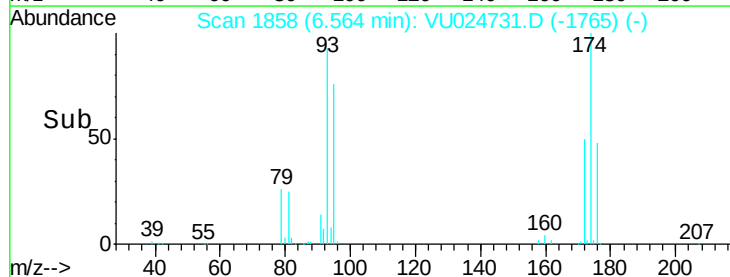
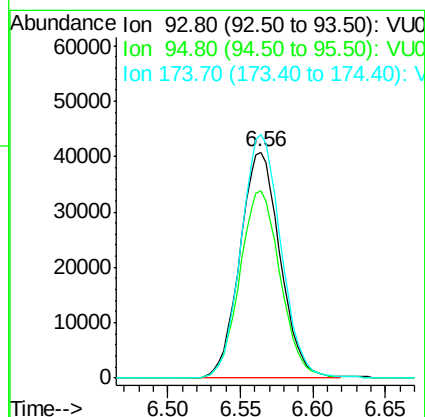
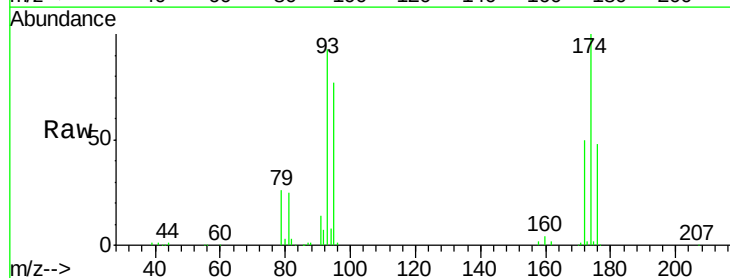
Tgt Ion: 93 Resp: 78688

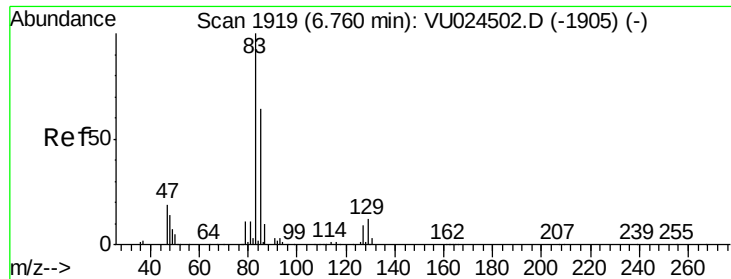
Ion Ratio Lower Upper

93 100

95 83.9 65.5 98.3

174 107.1 78.7 118.1





#47

Bromodichloromethane

Concen: 47.05 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

MSVOA_U

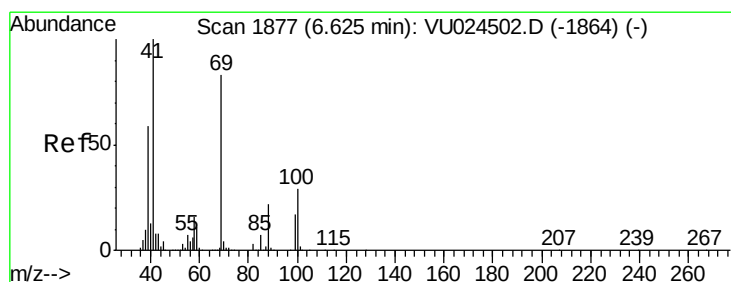
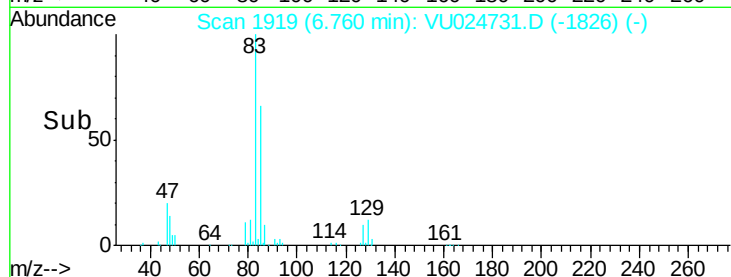
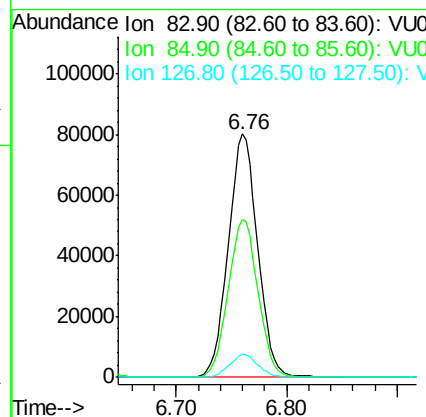
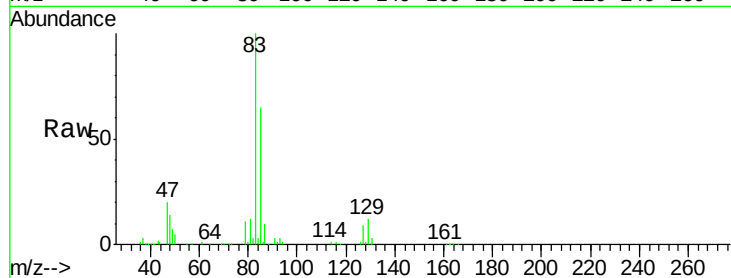
ClientSampleId :

SS036MW002-180613MS

Tot Ion:	83	Resp:	147652
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.9	77.9
127	9.5	6.6	9.8

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#48

Methyl methacrylate

Concen: 49.43 ug/l

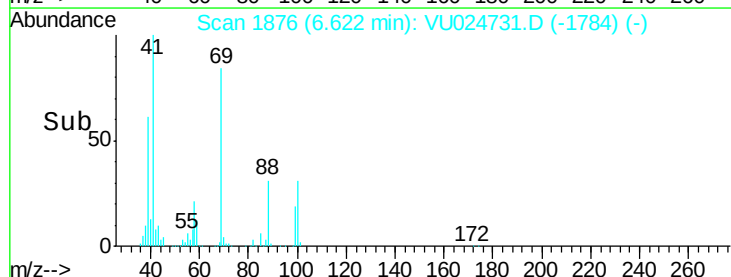
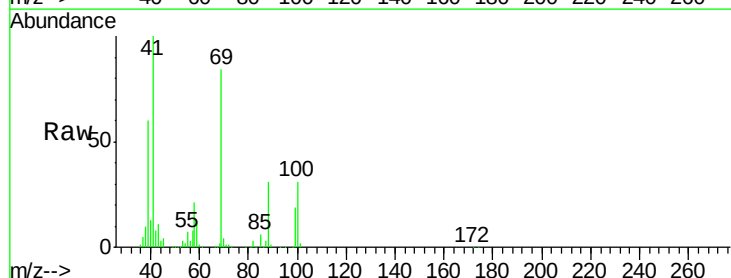
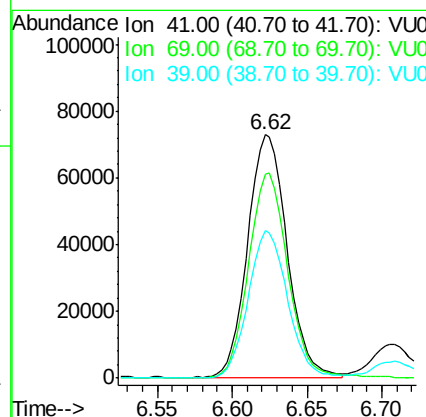
RT: 6.62 min Scan# 1876

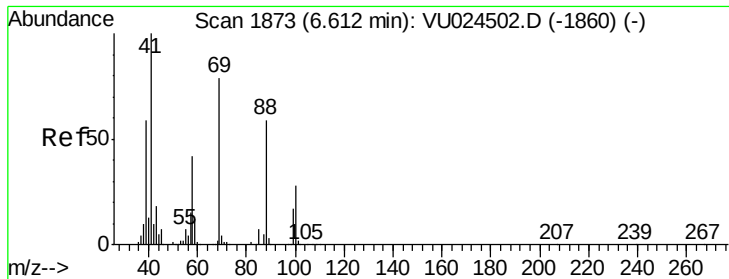
Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Tgt Ion:	41	Resp:	133797
Ion	Ratio	Lower	Upper
41	100		
69	83.9	67.3	100.9
39	59.9	46.5	69.7





#49

1,4-Dioxane

Concen: 1088.77 ug/l

RT: 6.61 min Scan# 1873

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

MSVOA_U

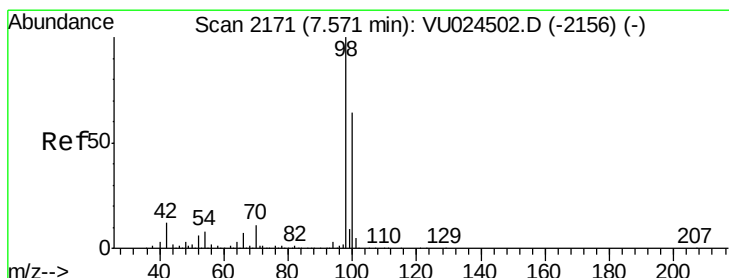
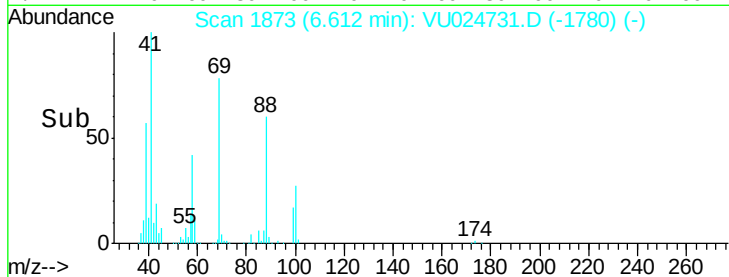
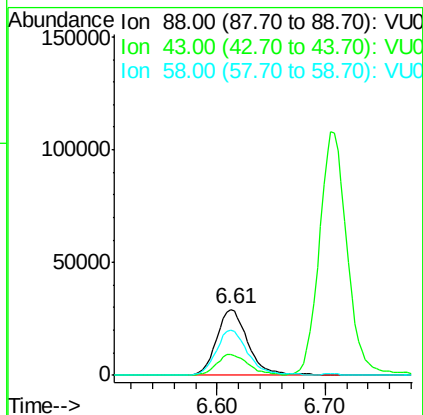
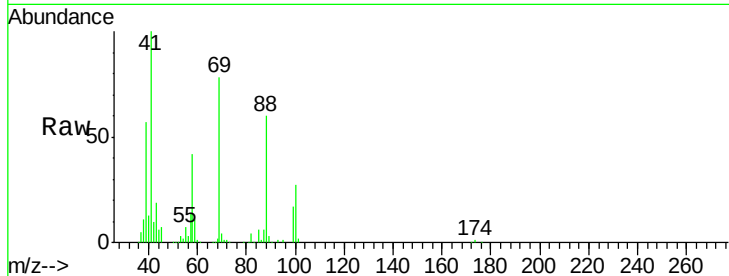
ClientSampleId :

SS036MW002-180613MS

Tot Ion:	88	Resp:	57638
Ion	Ratio	Lower	Upper
88	100		
43	32.2	28.6	42.8
58	71.7	58.2	87.4

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#50

Toluene-d8

Concen: 47.84 ug/l

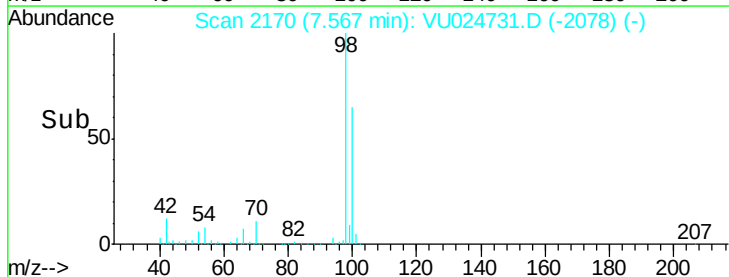
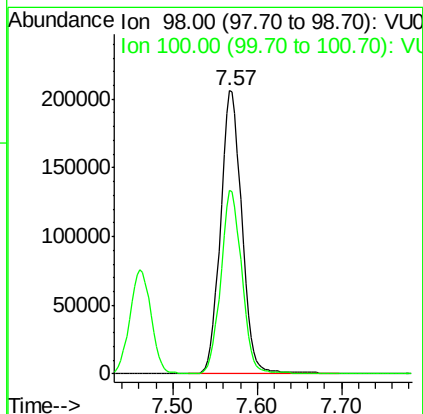
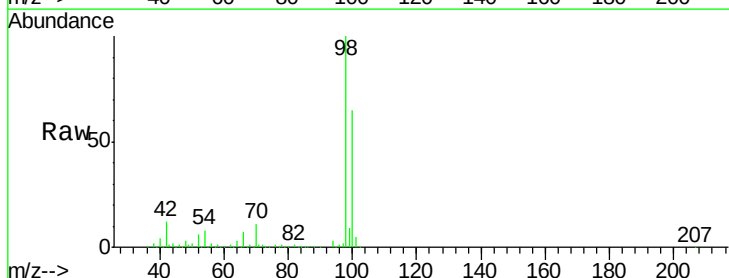
RT: 7.57 min Scan# 2170

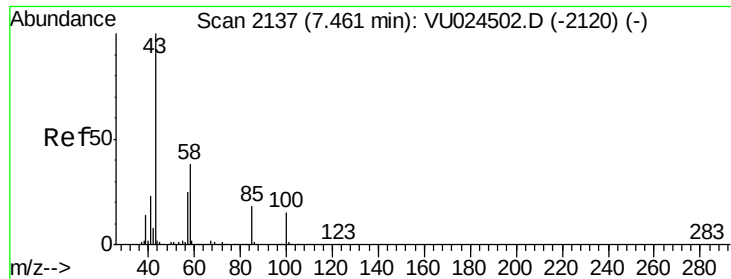
Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Tgt Ion:	98	Resp:	363665
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 255.61 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

MSVOA_U

ClientSampleId :

SS036MW002-180613MS

Tot Ion: 43 Resp: 892751

Ion Ratio Lower Upper

43 100

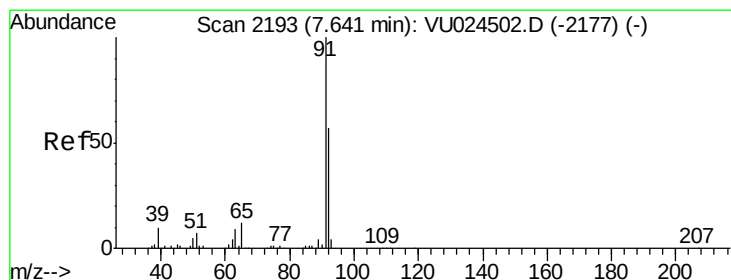
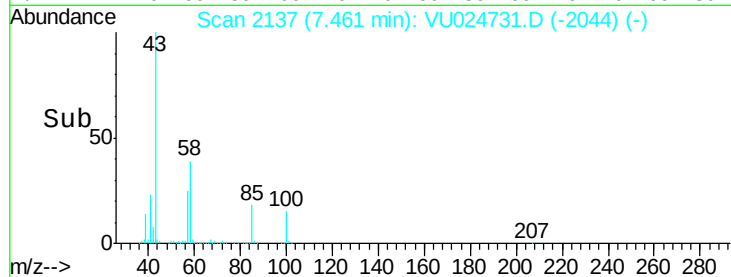
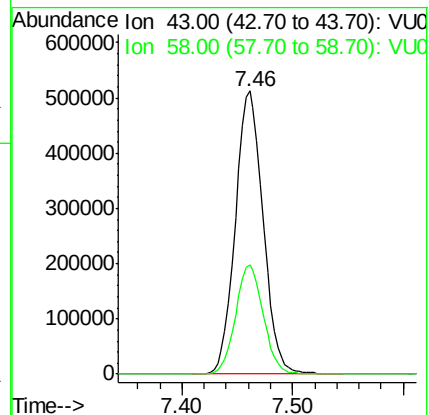
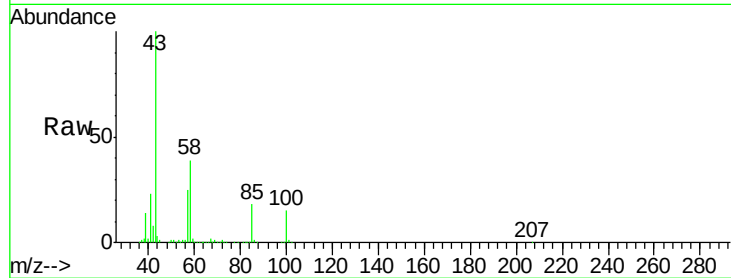
58 38.6 30.0 45.0

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#52

Toluene

Concen: 48.08 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024731.D

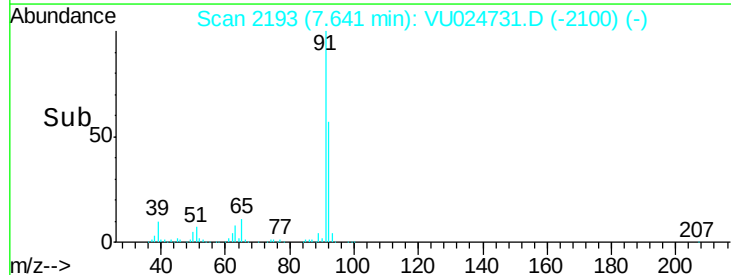
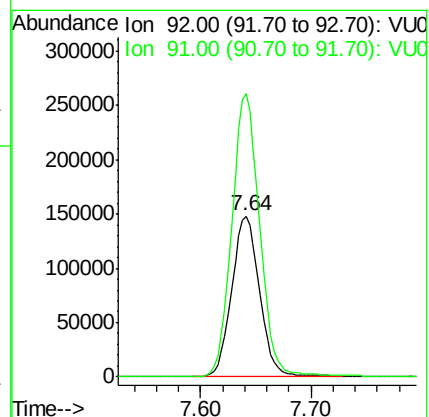
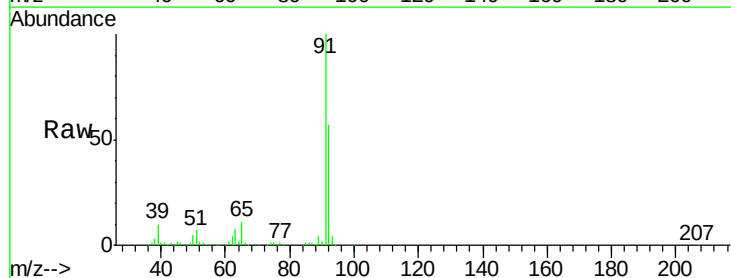
Acq: 19 Jun 2018 08:22

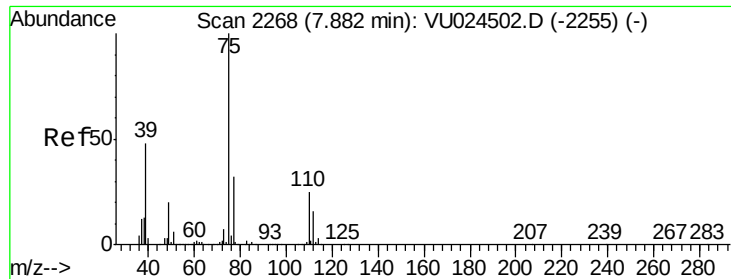
Tgt Ion: 92 Resp: 260088

Ion Ratio Lower Upper

92 100

91 175.4 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 38.88 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

MSVOA_U

ClientSampleId :

SS036MW002-180613MS

Tot Ion: 75 Resp: 136999

Ion Ratio Lower Upper

75 100

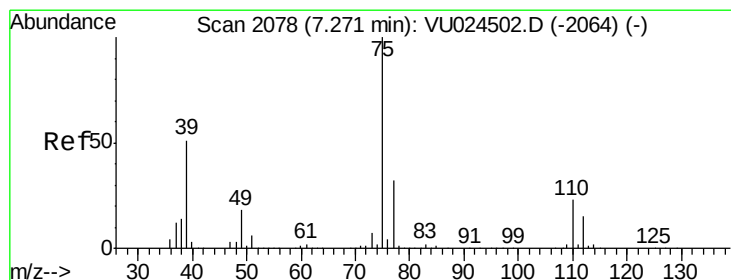
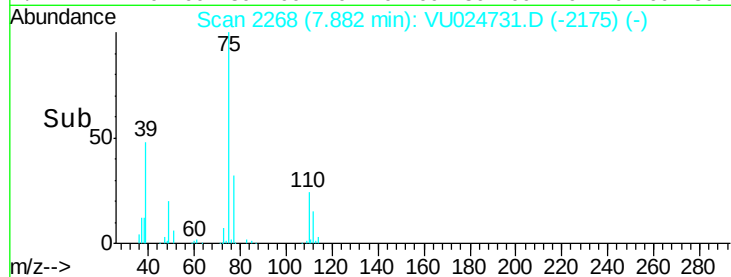
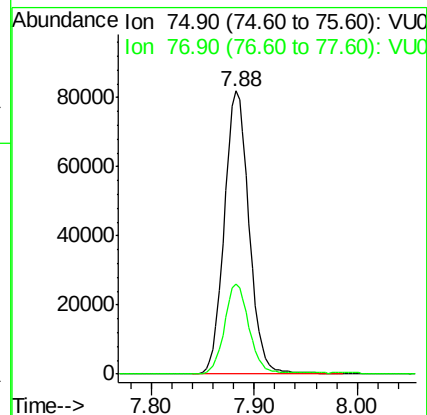
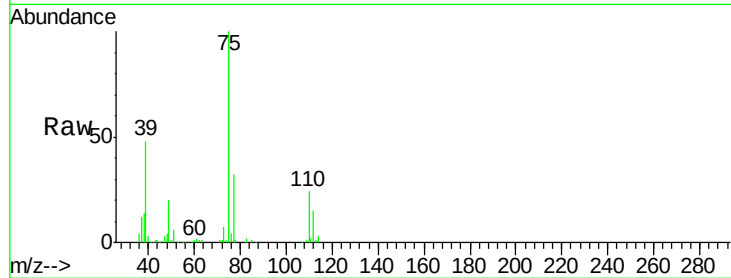
77 31.7 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 37.69 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

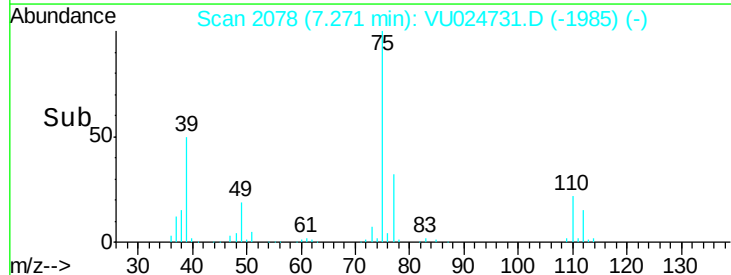
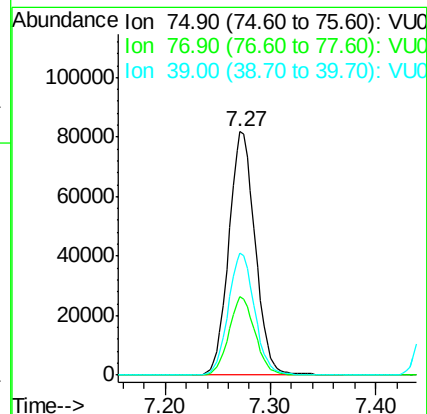
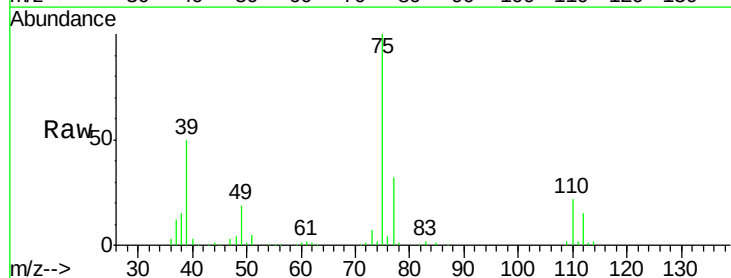
Tgt Ion: 75 Resp: 141532

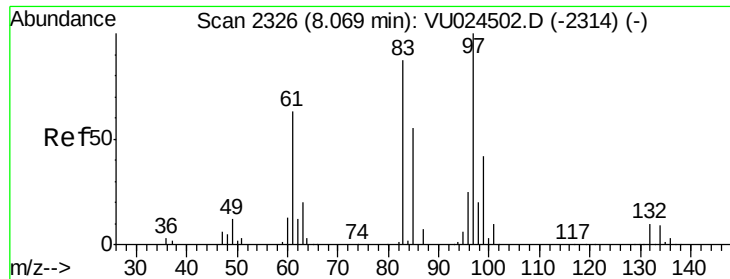
Ion Ratio Lower Upper

75 100

77 32.1 24.6 36.8

39 50.0 39.8 59.6





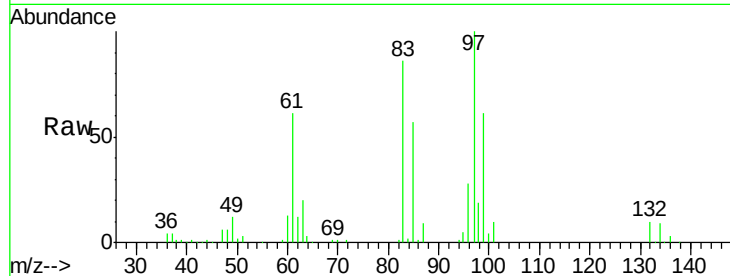
#55
 1,1,2-Trichloroethane
 Concen: 50.96 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU024731.D
 Acq: 19 Jun 2018 08:22

Instrument :
 MSVOA_U
 ClientSampleId :
 SS036MW002-180613MS

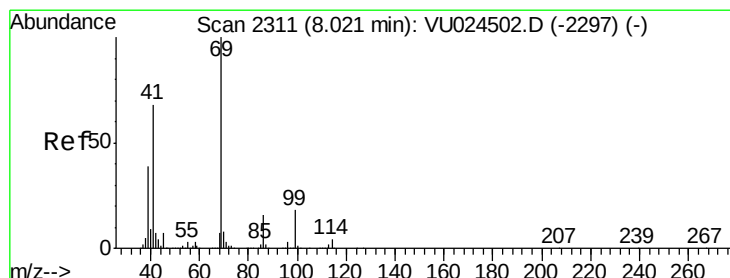
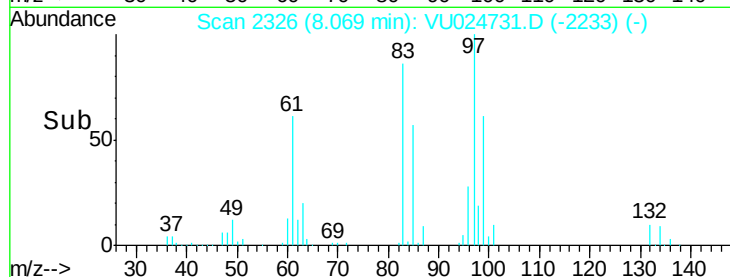
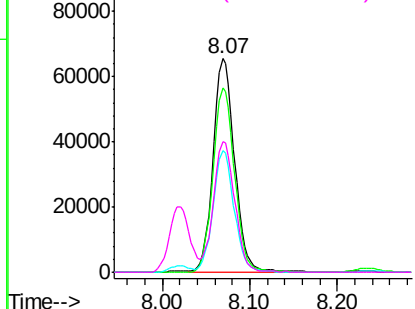
Tot Ion	97	Resp	112056
Ion Ratio	Lower	Upper	
97	100		
83	86.1	70.5	105.7
85	57.1	46.4	69.6
99	61.4	50.2	75.2

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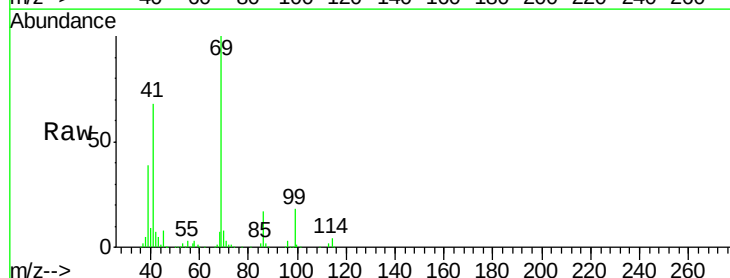


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

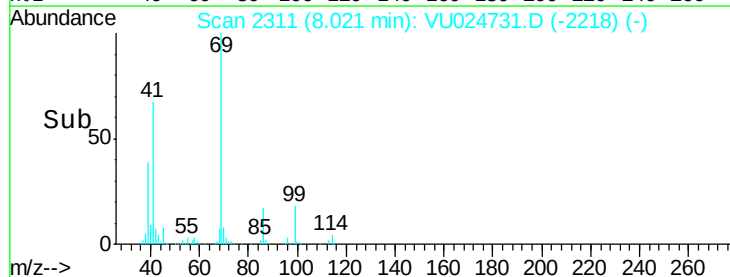
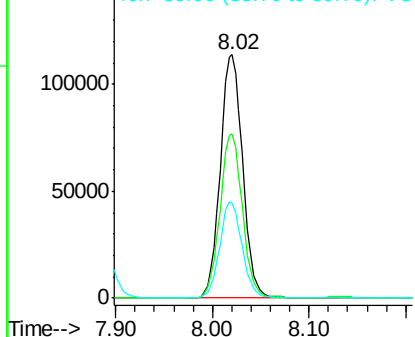


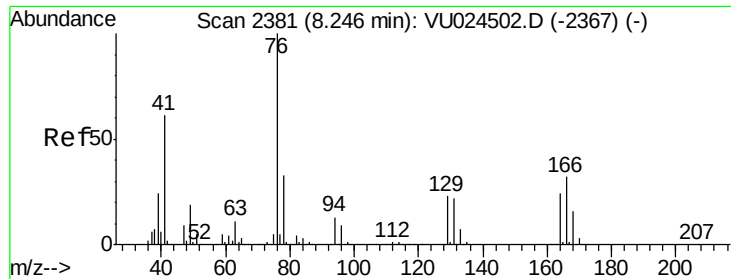
#56
 Ethyl methacrylate
 Concen: 49.70 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024731.D
 Acq: 19 Jun 2018 08:22

Tgt Ion	69	Resp	182931
Ion Ratio	Lower	Upper	
69	100		
41	67.7	54.1	81.1
39	39.0	30.3	45.5



Abundance Ion 69.00 (68.70 to 69.70): VU0
 Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0





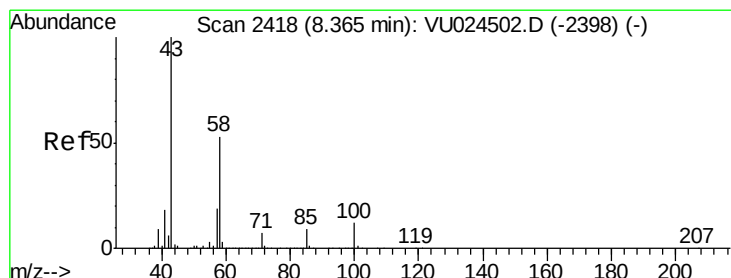
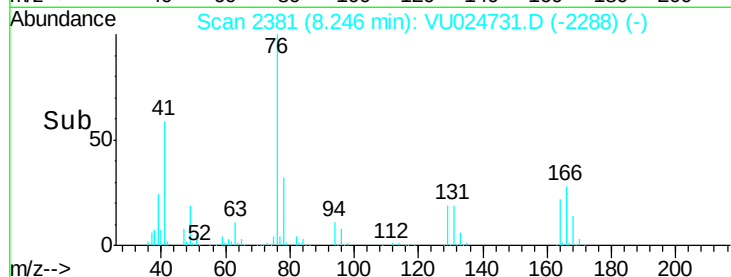
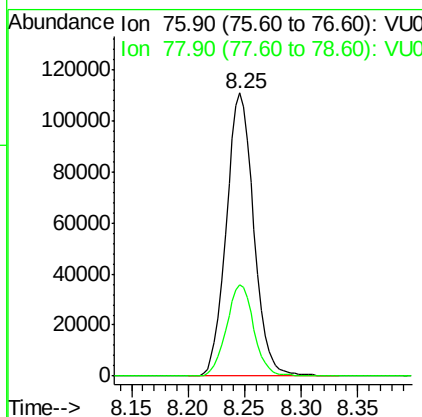
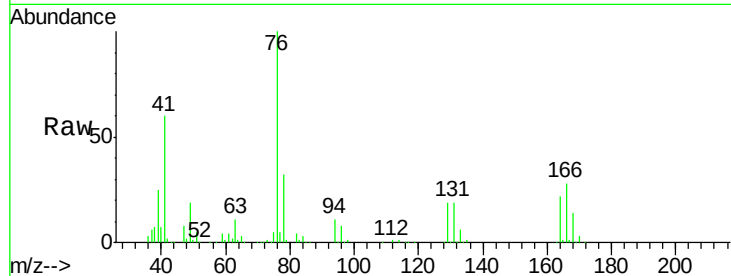
#57
 1,3-Dichloropropane
 Concen: 50.46 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU024731.D
 Acq: 19 Jun 2018 08:22

Instrument :
 MSVOA_U
 ClientSampleId :
 SS036MW002-180613MS

Tot Ion: 76 Resp: 187166
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.2 37.8

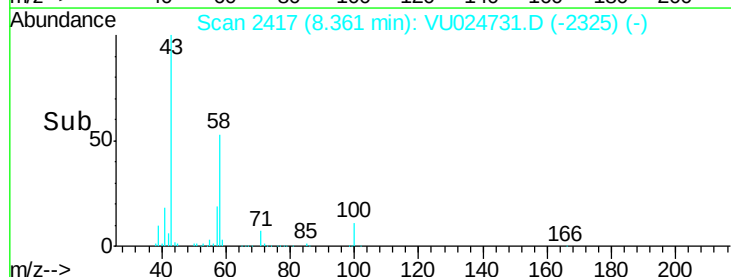
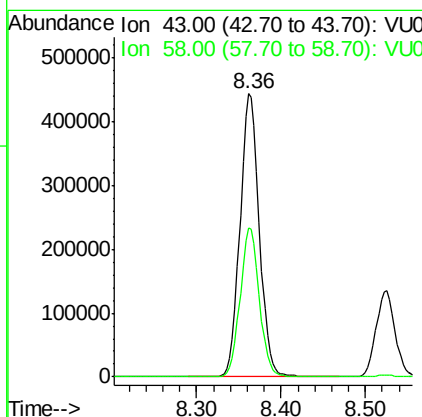
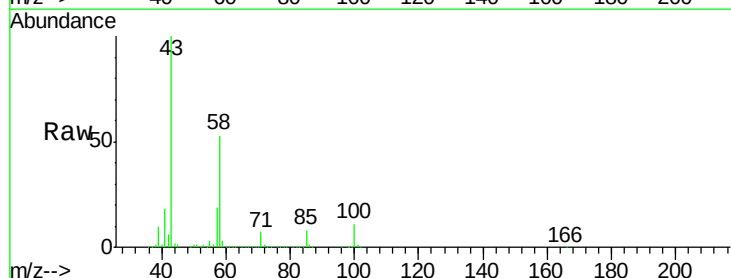
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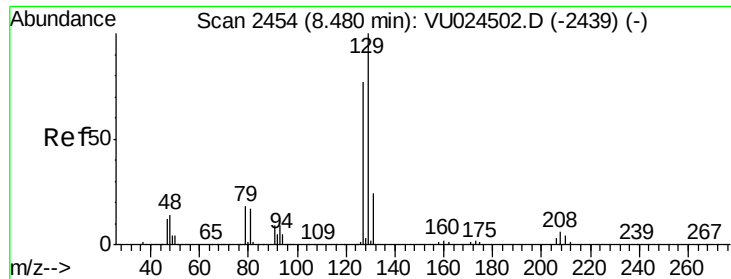
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#59
 2-Hexanone
 Concen: 248.54 ug/l
 RT: 8.36 min Scan# 2417
 Delta R.T. -0.00 min
 Lab File: VU024731.D
 Acq: 19 Jun 2018 08:22

Tgt Ion: 43 Resp: 708662
 Ion Ratio Lower Upper
 43 100
 58 52.5 26.4 79.0





#60

Dibromochloromethane

Concen: 47.10 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

MSVOA_U

ClientSampleId :

SS036MW002-180613MS

Tot Ion:129 Resp: 129144

Ion Ratio Lower Upper

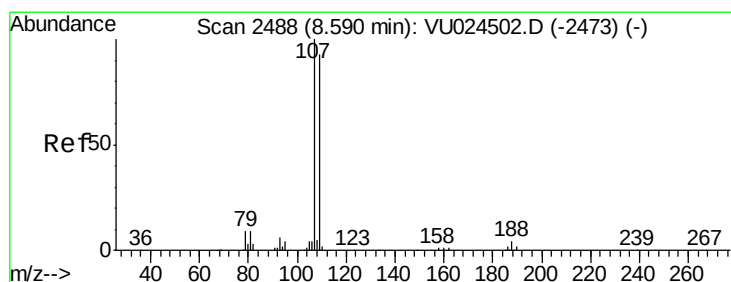
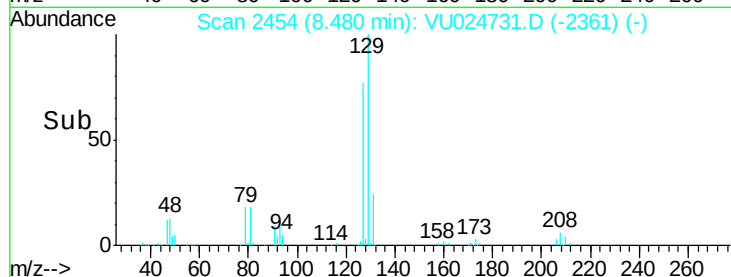
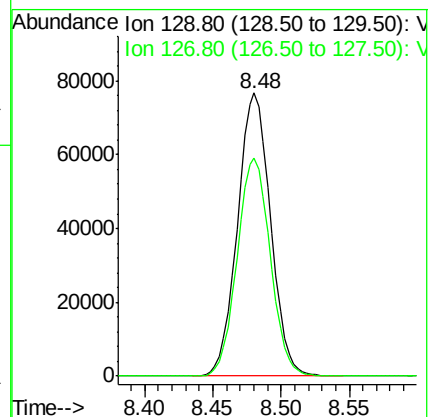
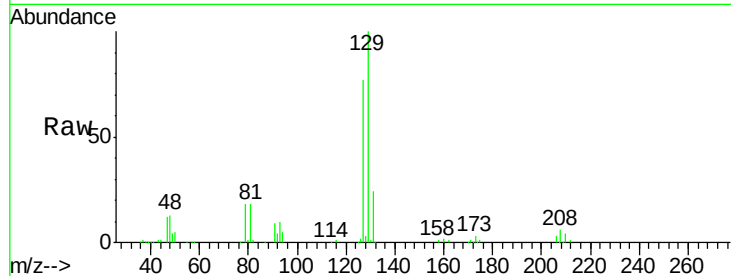
129 100

127 77.2 38.6 116.0

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6/19/2018 1:55:09 PM



#61

1,2-Dibromoethane

Concen: 50.32 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024731.D

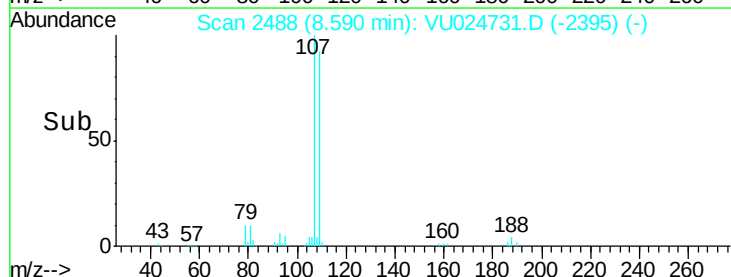
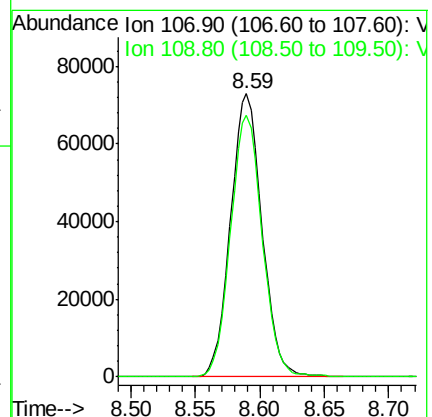
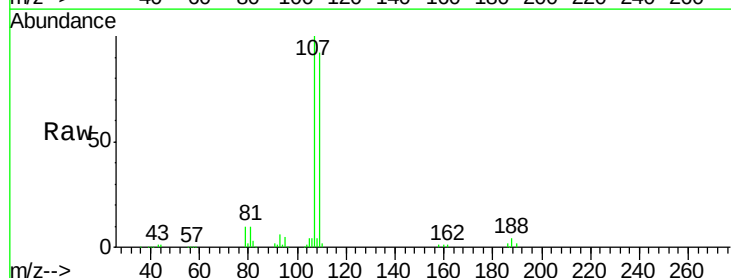
Acq: 19 Jun 2018 08:22

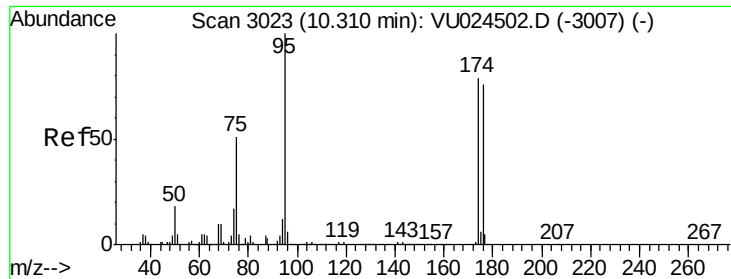
Tgt Ion:107 Resp: 123155

Ion Ratio Lower Upper

107 100

109 93.3 74.5 111.7





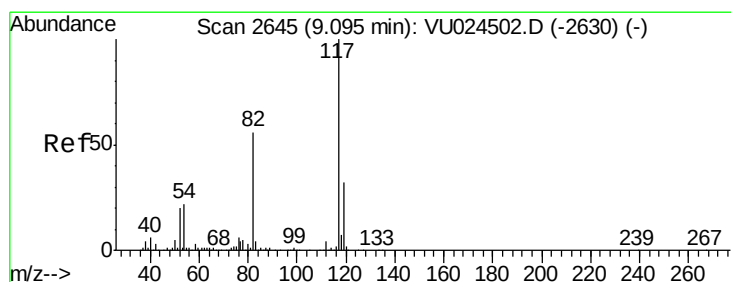
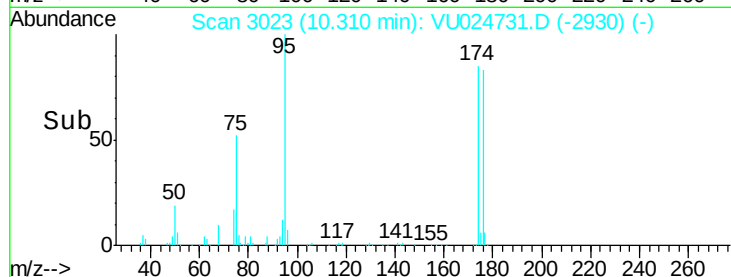
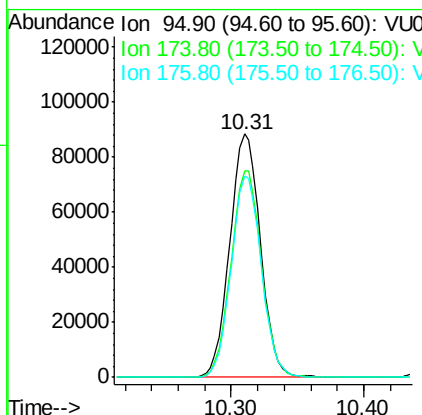
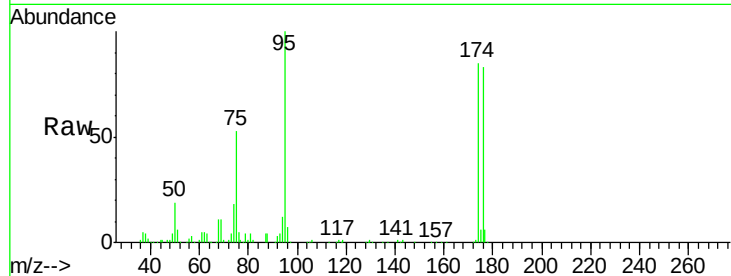
#62
4-Bromofluorobenzene
Concen: 47.02 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Instrument :
MSVOA_U
ClientSampleId :
SS036MW002-180613MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	141904		
174	84.8	0.0	165.8	
176	81.5	0.0	159.4	

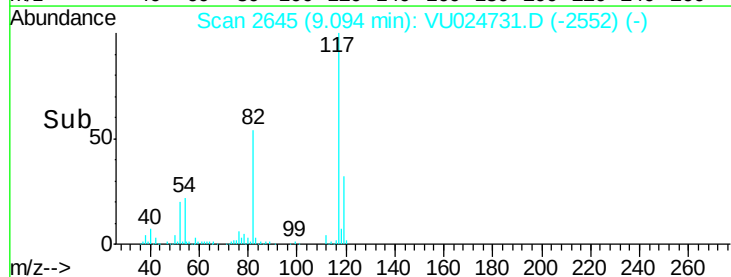
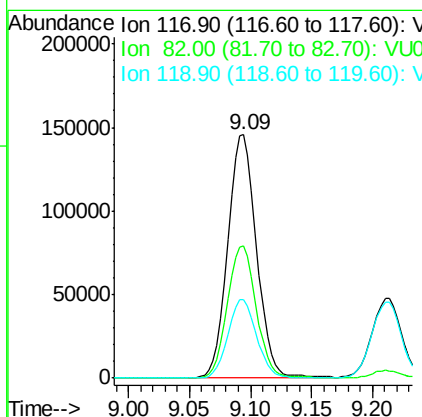
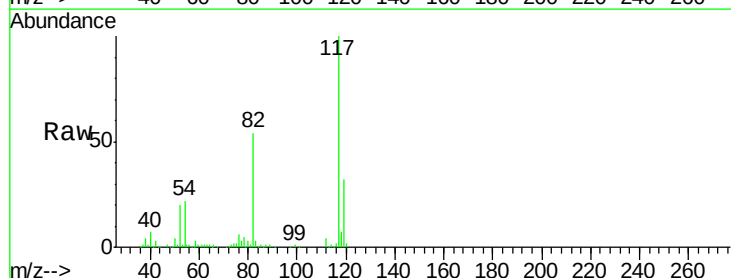
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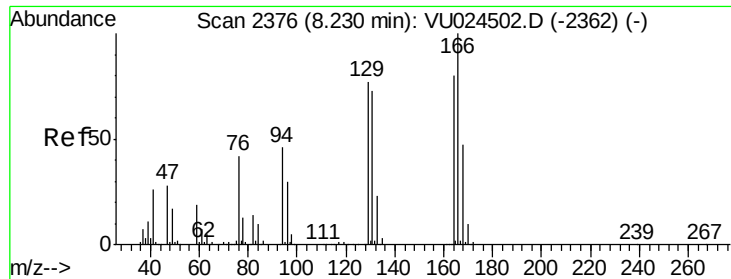
MMDadoda
6/19/2018 1:55:09 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	241141		
82	54.1	44.3	66.5	
119	32.3	25.4	38.2	





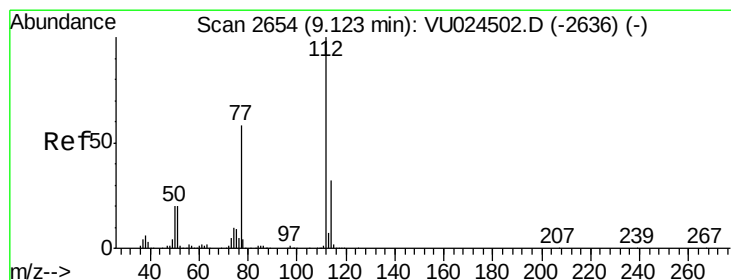
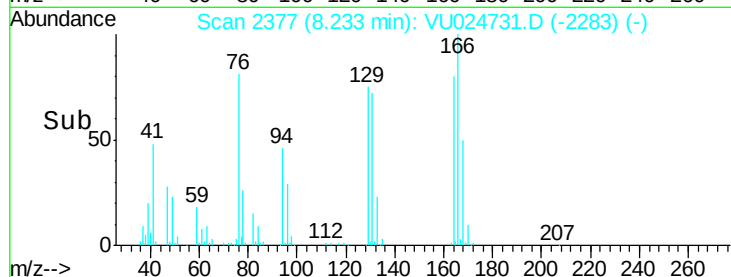
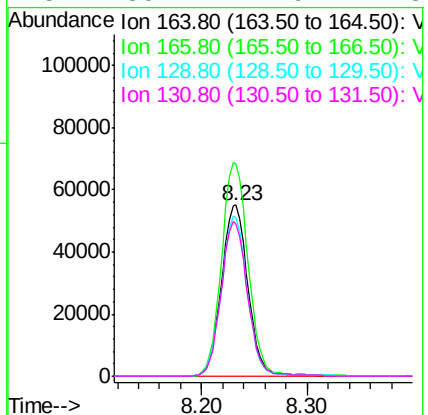
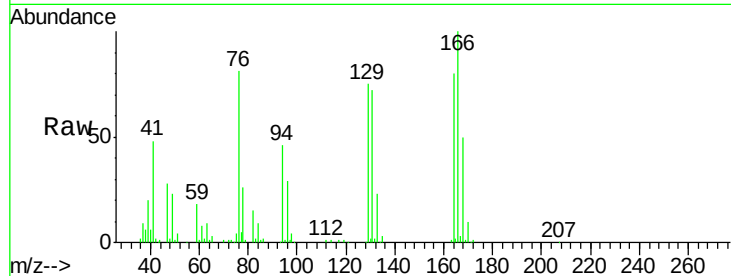
#64
Tetrachloroethene
Concen: 41.71 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Instrument :
MSVOA_U
ClientSampleId :
SS036MW002-180613MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	124.3	101.7	152.5
129	92.9	76.9	115.3
131	89.2	74.9	112.3

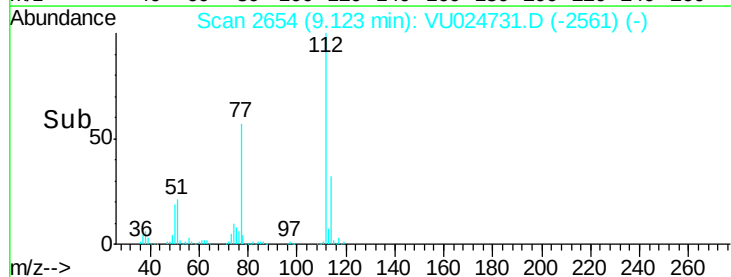
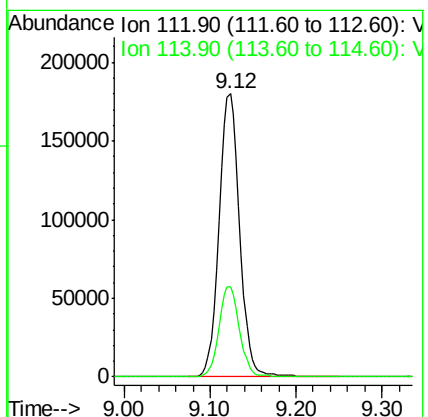
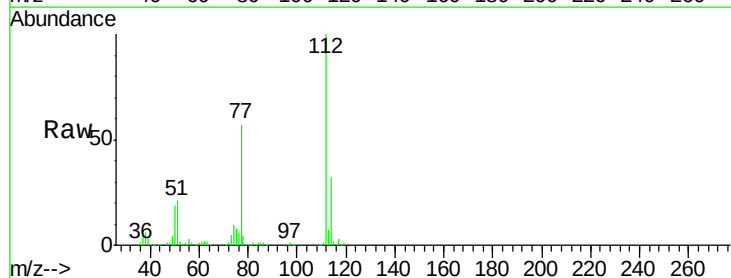
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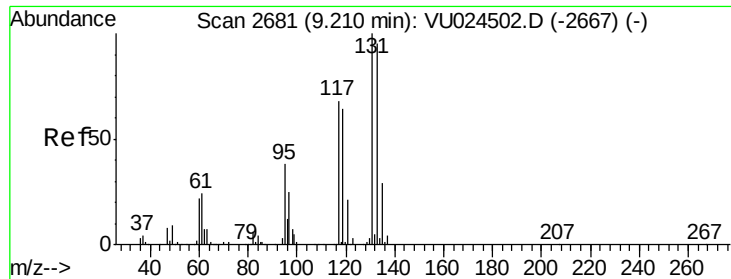
MMDadoda
6/19/2018 1:55:09 PM



#65
Chlorobenzene
Concen: 48.59 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.6	38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 49.06 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

MSVOA_U

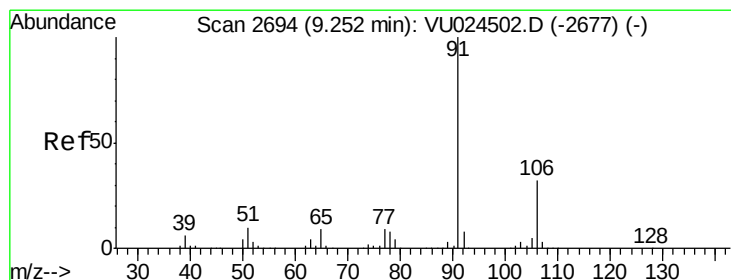
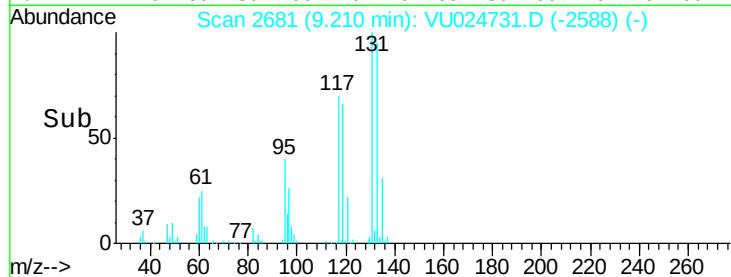
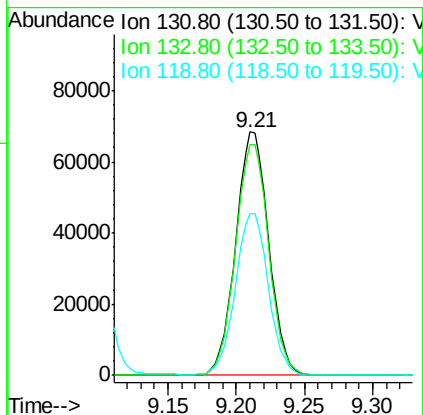
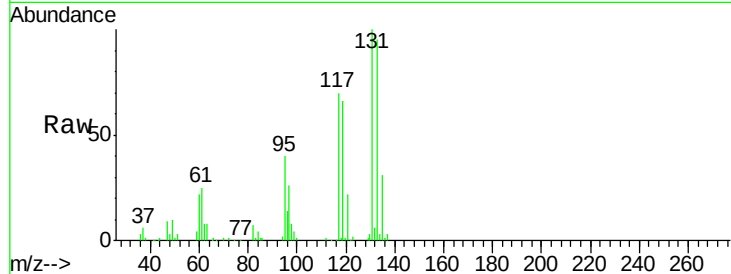
ClientSampleId :

SS036MW002-180613MS

Tot Ion:	131	Resp:	114830
Ion Ratio	Lower	Upper	
131	100		
133	95.5	46.9	140.8
119	66.8	33.5	100.4

Manual Integrations
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#67

Ethyl Benzene

Concen: 47.38 ug/l

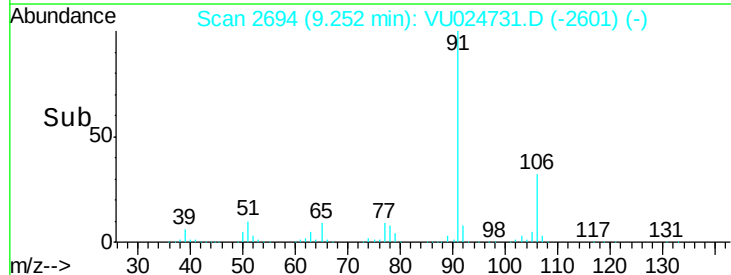
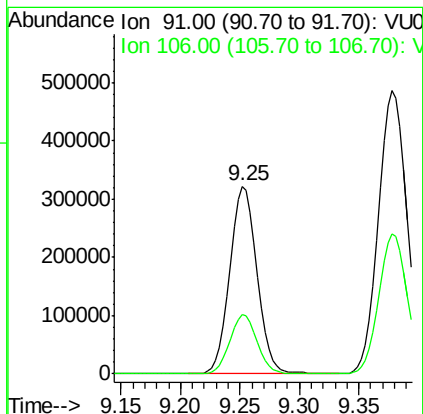
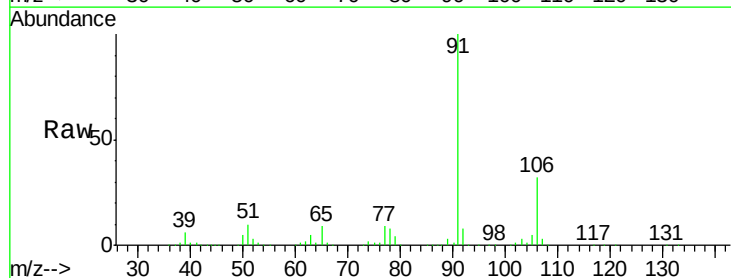
RT: 9.25 min Scan# 2694

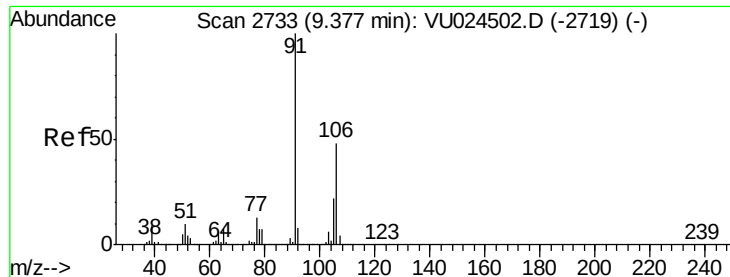
Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Tgt Ion:	91	Resp:	511644
Ion Ratio	Lower	Upper	
91	100		
106	31.6	24.2	36.4





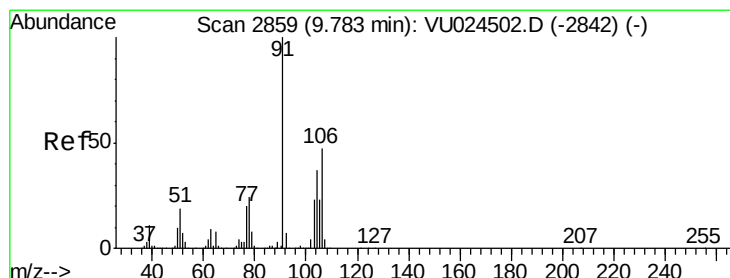
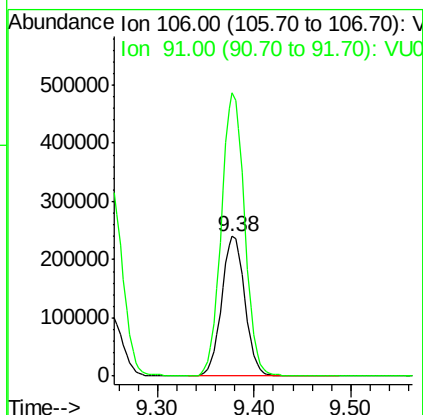
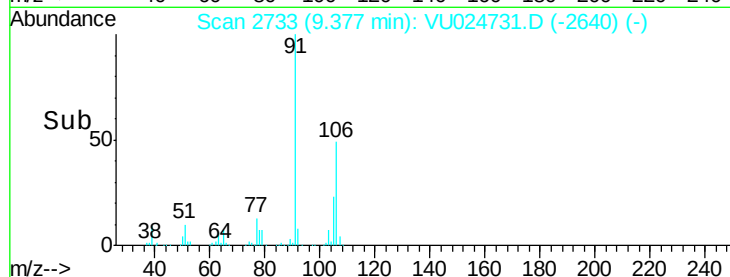
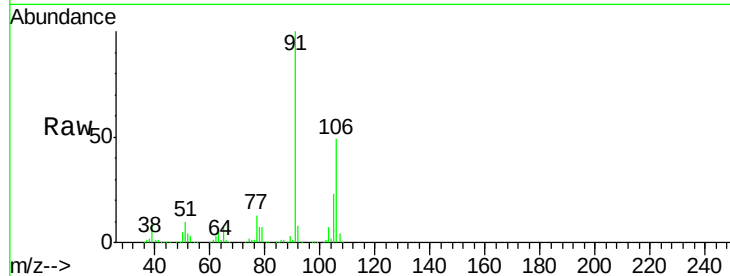
#68
m/p-Xylenes
Concen: 96.52 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Instrument :
MSVOA_U
ClientSampleId :
SS036MW002-180613MS

Tot Ion:106 Resp: 400266
Ion Ratio Lower Upper
106 100
91 202.1 166.5 249.7

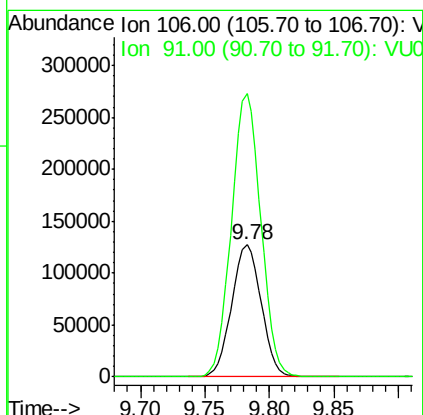
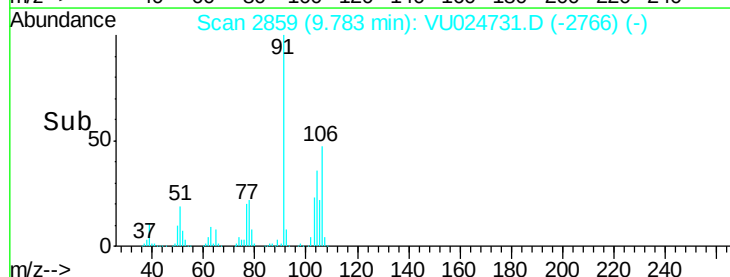
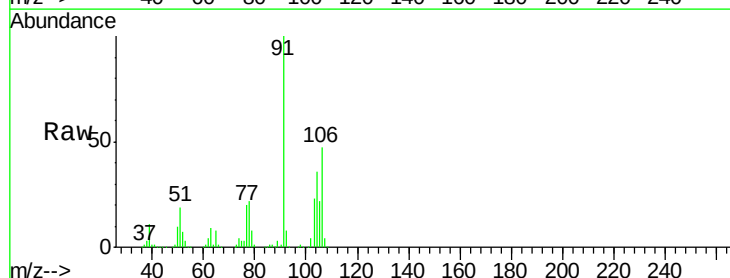
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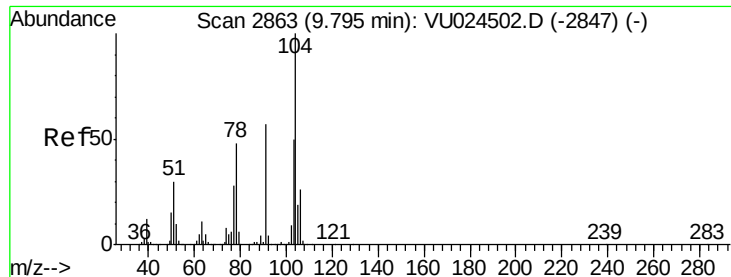
MMDadoda
6/19/2018 1:55:09 PM



#69
o-Xylene
Concen: 49.52 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Tgt Ion:106 Resp: 203246
Ion Ratio Lower Upper
106 100
91 212.6 110.7 331.9





#70

Stvrene

Concen: 48.03 ug/l

RT: 9.80 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

MSVOA_U

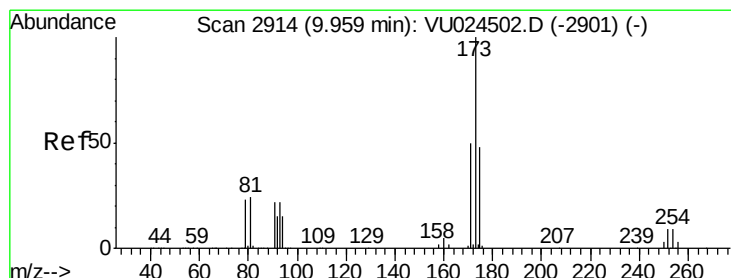
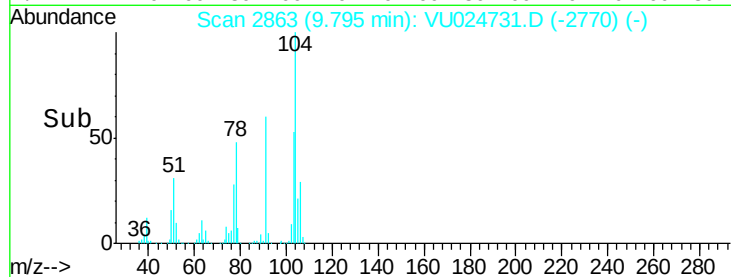
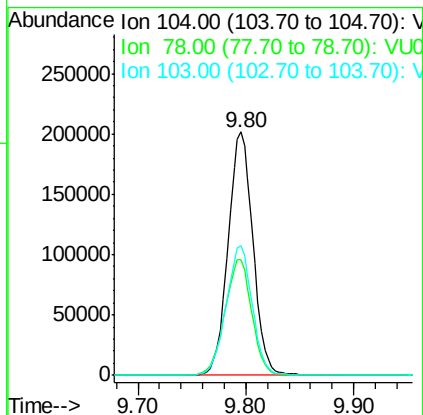
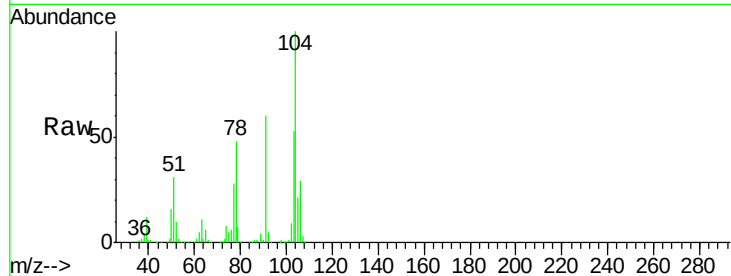
ClientSampleId :

SS036MW002-180613MS

Tot Ion:	104	Resp:	323934
Ion Ratio	Lower	Upper	
104	100		
78	51.6	40.6	60.8
103	56.0	44.7	67.1

Manual Integrations
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#71

Bromoform

Concen: 48.03 ug/l

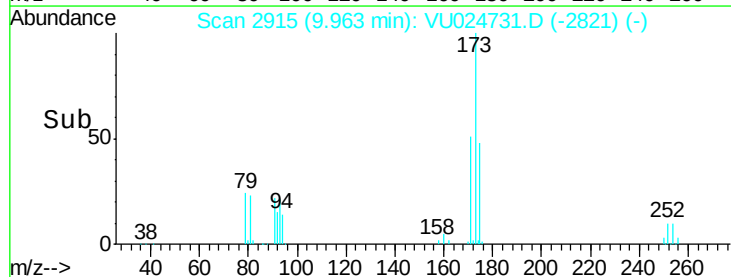
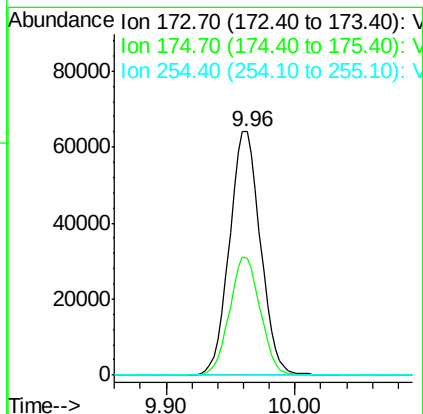
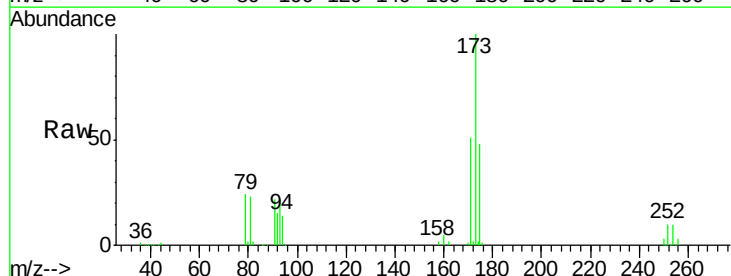
RT: 9.96 min Scan# 2915

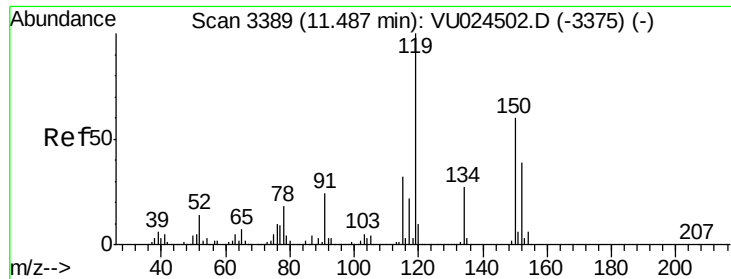
Delta R.T. 0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Tgt Ion:	173	Resp:	106847
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.6	74.0
254	0.1	0.0	0.0#





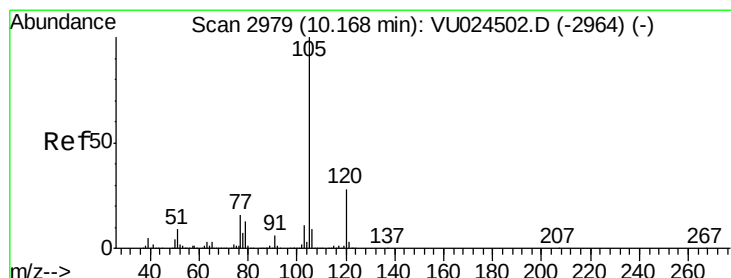
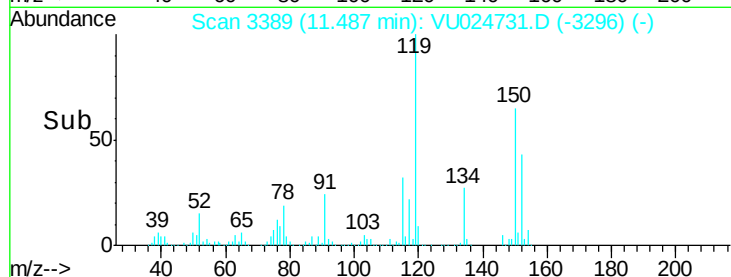
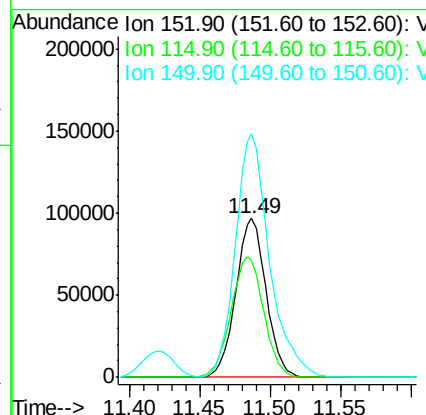
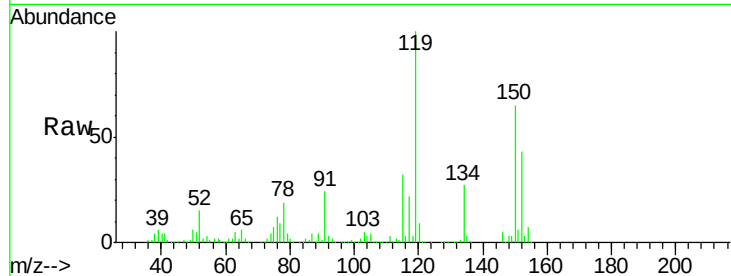
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.49 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VU024731.D
 Acq: 19 Jun 2018 08:22

Instrument :
 MSVOA_U
 ClientSampleId :
 SS036MW002-180613MS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	145124		
115	81.6	43.0	129.0	
150	173.2	0.0	354.0	

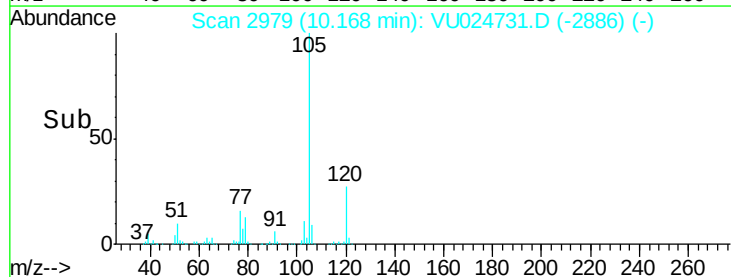
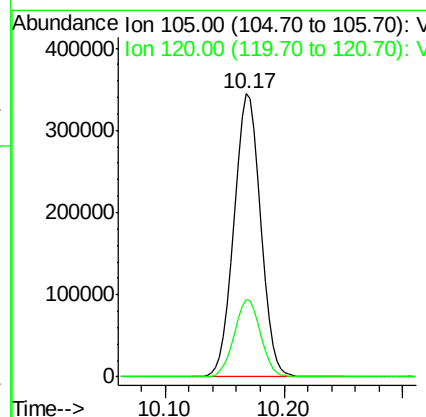
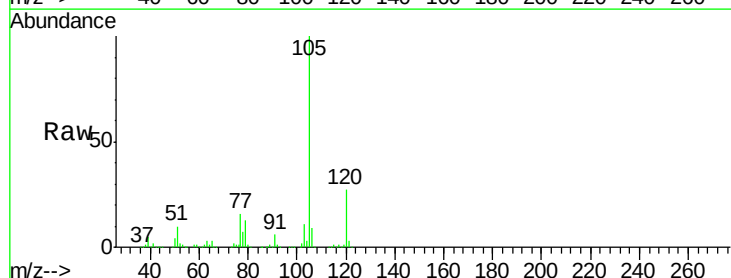
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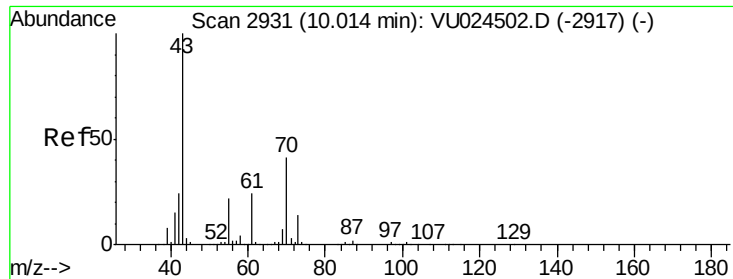
MMDadoda
 6/19/2018 1:55:09 PM



#73
 Isopropylbenzene
 Concen: 47.98 ug/l
 RT: 10.17 min Scan# 2979
 Delta R.T. -0.00 min
 Lab File: VU024731.D
 Acq: 19 Jun 2018 08:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	534620		
120	27.0	13.2	39.6	





#74

N-amvl acetate

Concen: 41.08 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

MSVOA_U

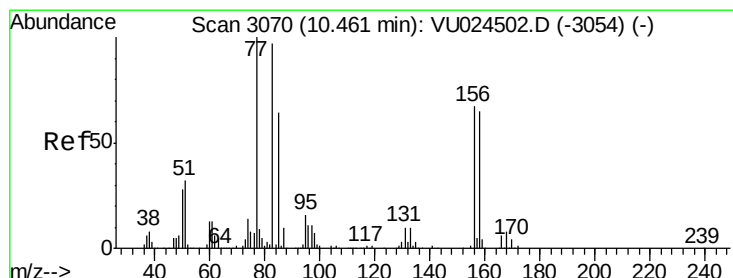
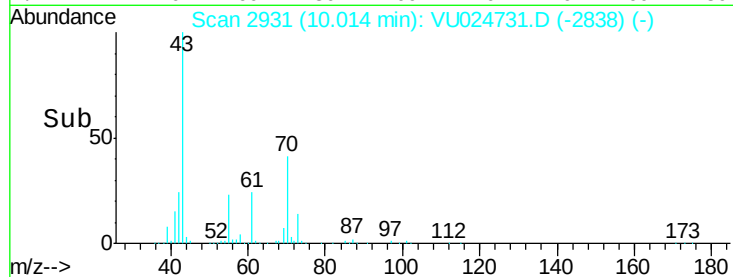
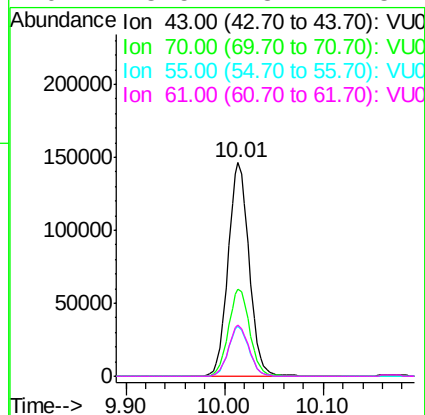
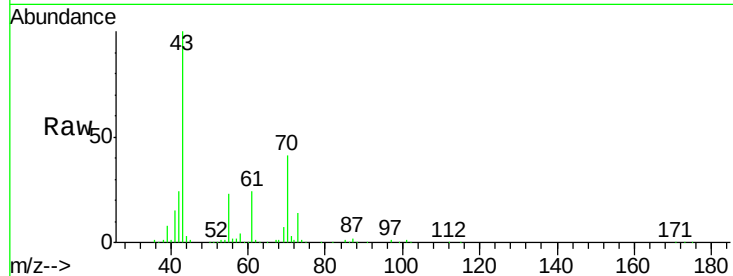
ClientSampleId :

SS036MW002-180613MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	41.5	32.2	48.4	
55	23.0	20.5	30.7	
61	23.5	18.7	28.1	

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 52.11 ug/l

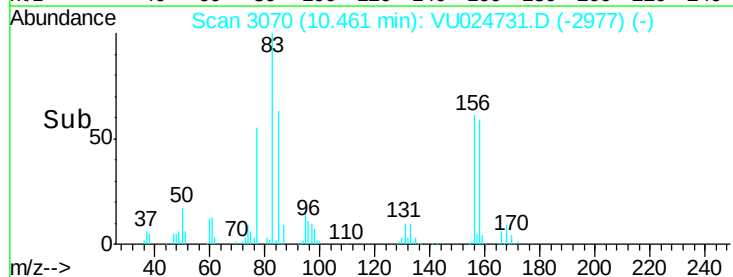
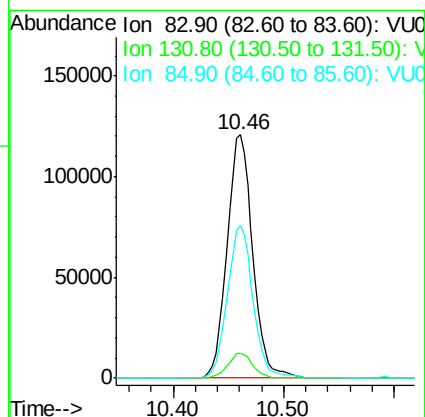
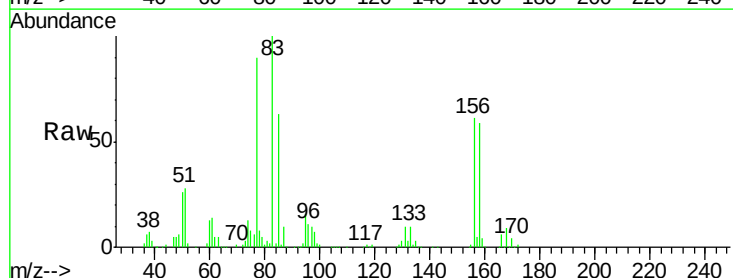
RT: 10.46 min Scan# 3070

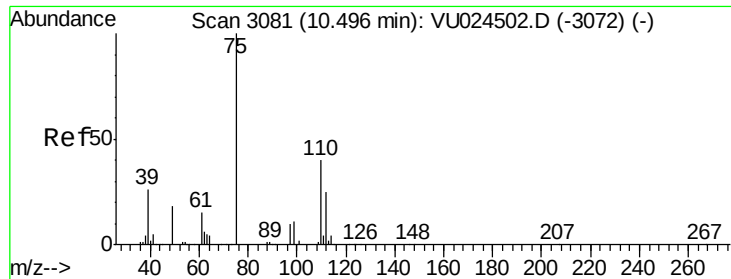
Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	9.9	4.7	14.1	
85	62.9	32.5	97.5	





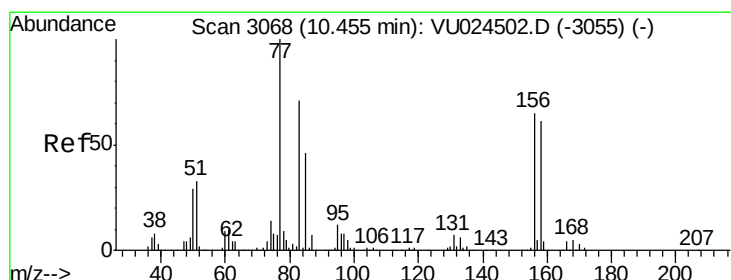
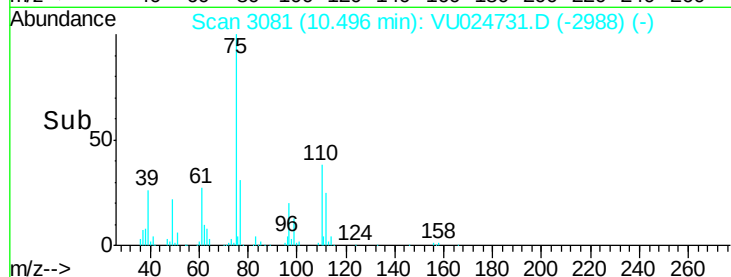
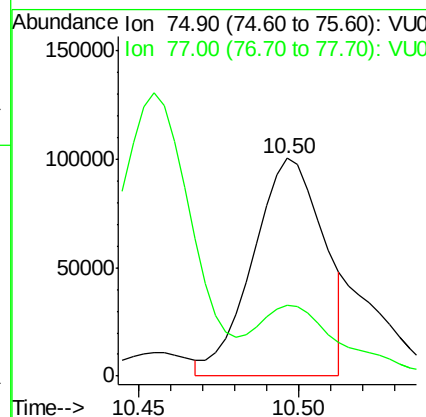
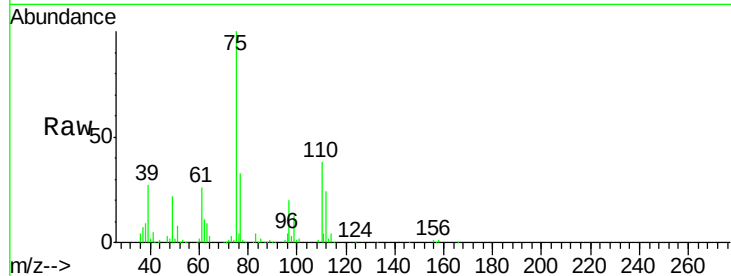
#76
 1,2,3-Trichloropropane
 Concen: 48.42 ug/l m
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: VU024731.D
 Acq: 19 Jun 2018 08:22

Instrument :
 MSVOA_U
 ClientSampleId :
 SS036MW002-180613MS

Tot Ion: 75 Resp: 154707
 Ion Ratio Lower Upper
 75 100
 77 40.2 20.9 62.7

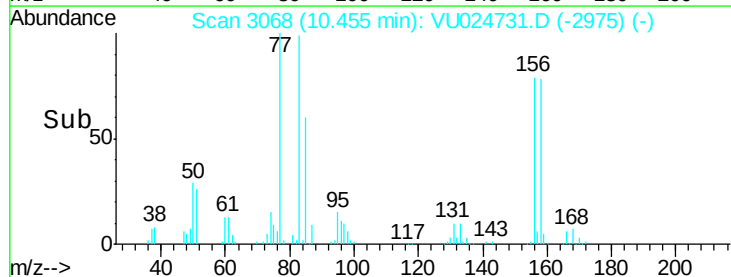
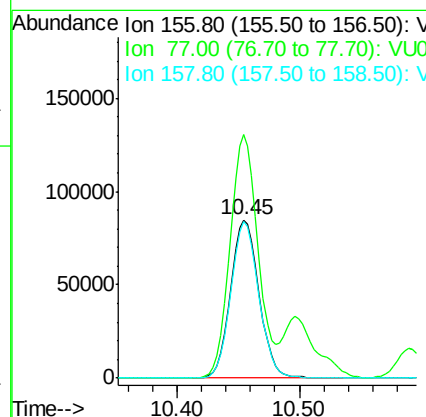
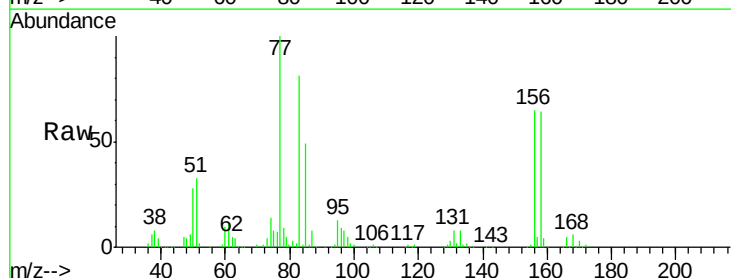
Manual Integrations
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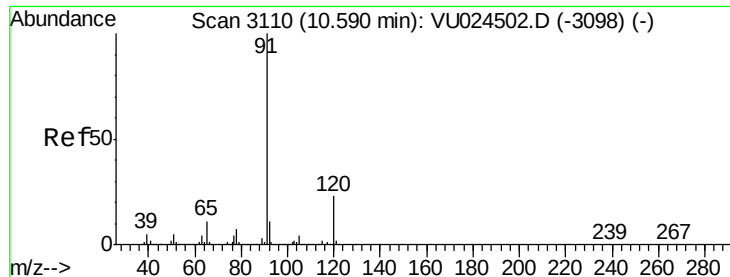
MMDadoda
 6/19/2018 1:55:09 PM



#77
 Bromobenzene
 Concen: 48.95 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. -0.00 min
 Lab File: VU024731.D
 Acq: 19 Jun 2018 08:22

Tgt Ion: 156 Resp: 138064
 Ion Ratio Lower Upper
 156 100
 77 151.7 80.5 241.3
 158 97.6 48.2 144.6





#78

n-propylbenzene

Concen: 45.46 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

MSVOA_U

ClientSampleId :

SS036MW002-180613MS

Tot Ion: 91 Resp: 596713

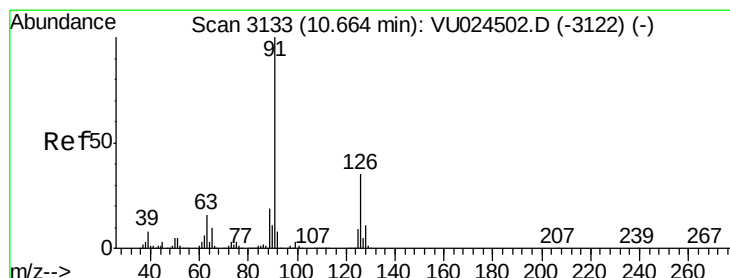
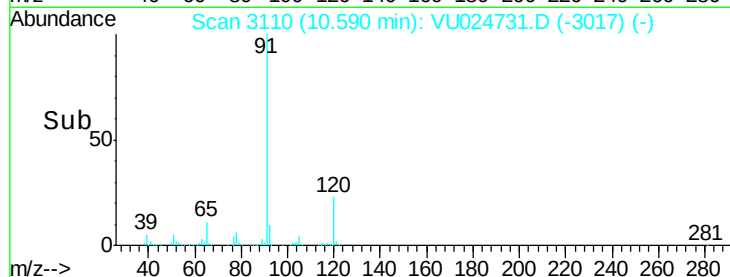
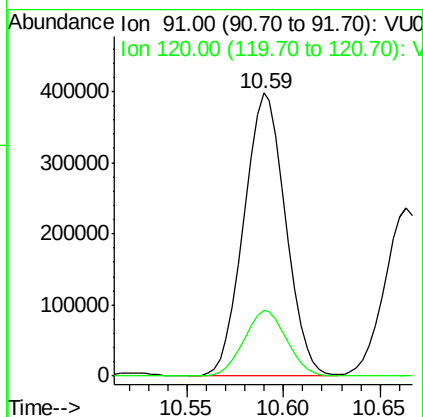
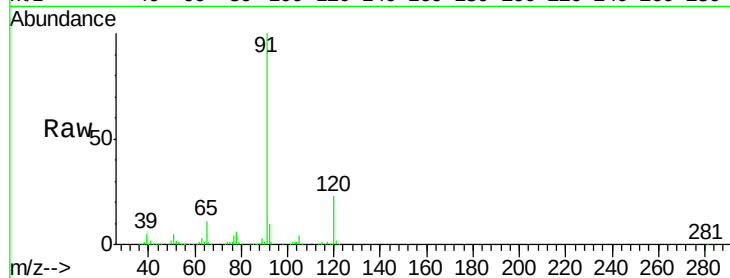
Ion Ratio Lower Upper

91 100

120 23.8 11.2 33.5

Manual Integrations
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#79

2-Chlorotoluene

Concen: 47.17 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024731.D

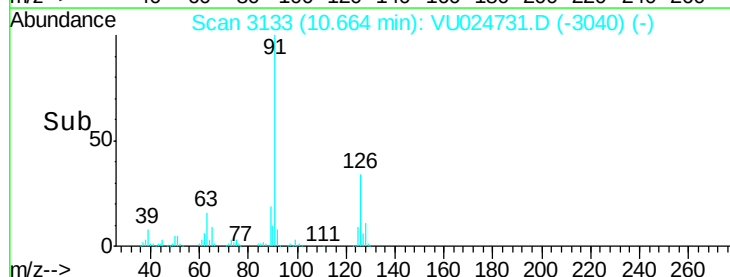
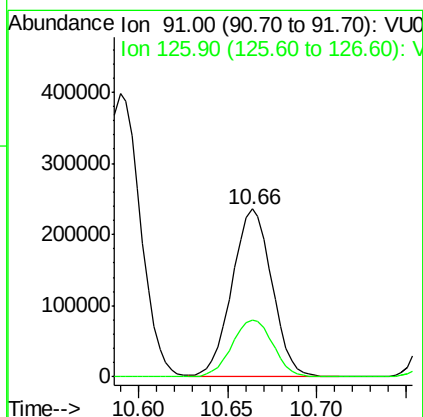
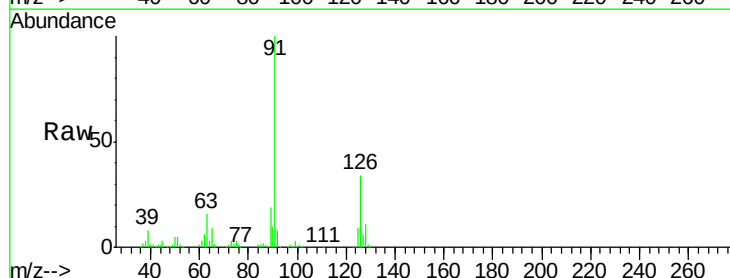
Acq: 19 Jun 2018 08:22

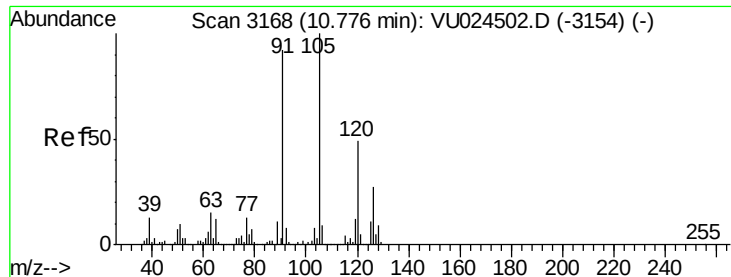
Tgt Ion: 91 Resp: 365091

Ion Ratio Lower Upper

91 100

126 35.2 16.9 50.7





#80

1,3,5-Trimethylbenzene

Concen: 47.79 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

MSVOA_U

ClientSampleId :

SS036MW002-180613MS

Tot Ion:105 Resp: 461478

Ion Ratio Lower Upper

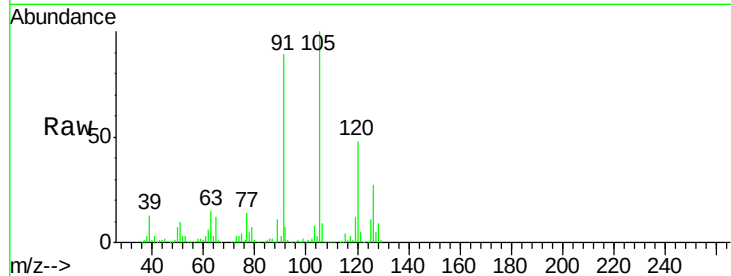
105 100

120 48.0 24.1 72.2

Manual Integrations
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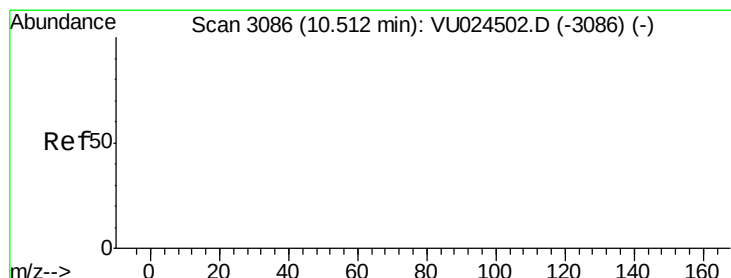
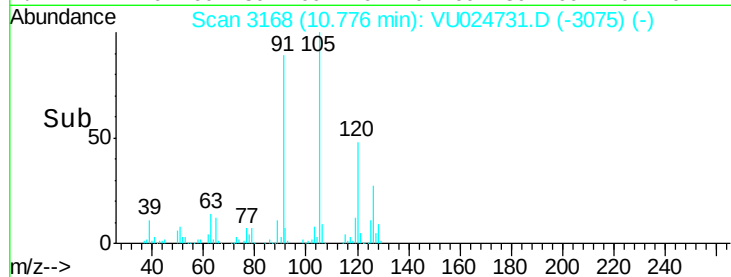
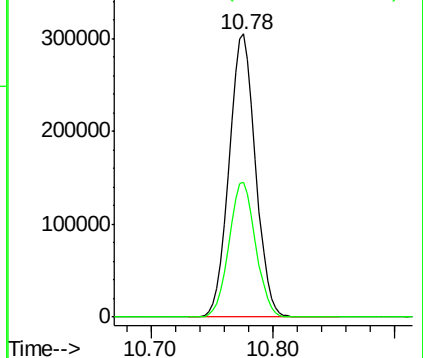
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 30.23 ug/l m

RT: 10.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

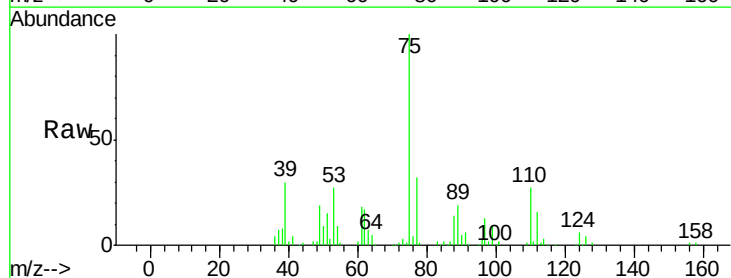
Tgt Ion: 75 Resp: 41736

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

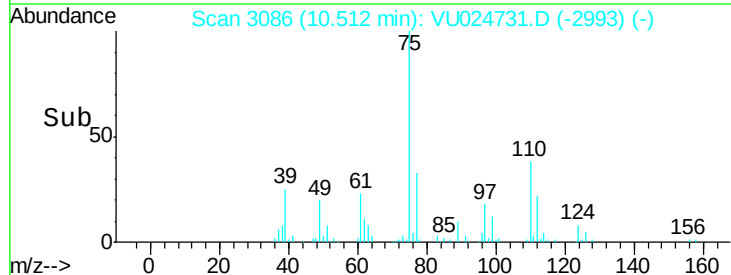
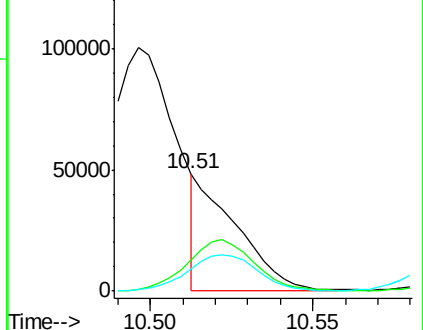
89 0.0 0.0 0.0

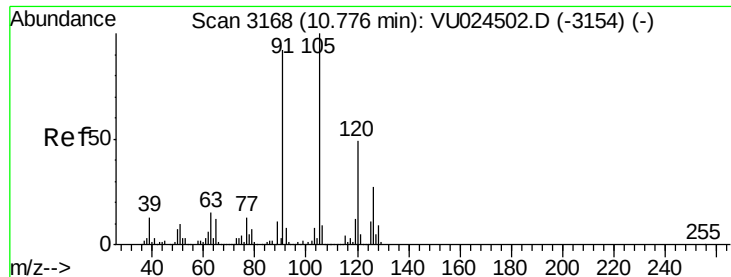


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





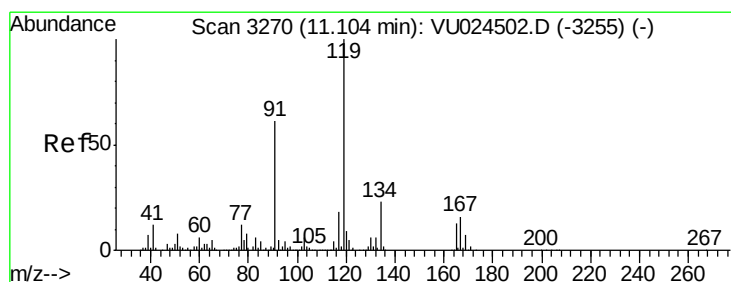
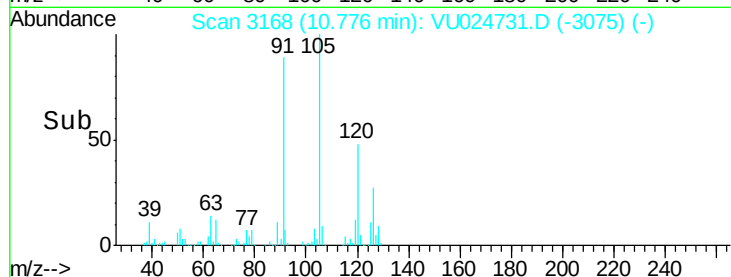
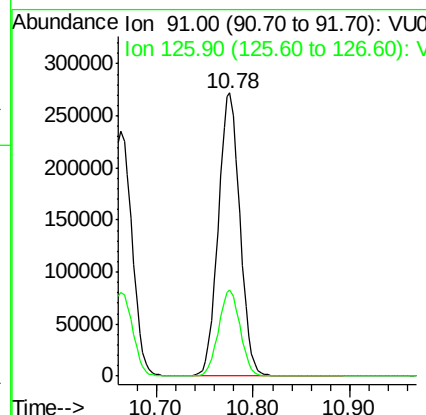
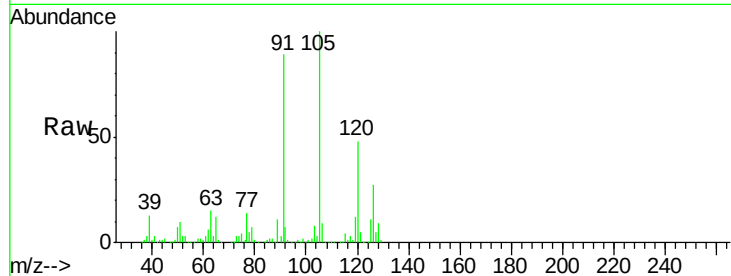
#82
4-Chlorotoluene
Concen: 46.72 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Instrument :
MSVOA_U
ClientSampleId :
SS036MW002-180613MS

Tot Ion	Ratio	Lower	Upper
91	100		
126	30.5	14.9	44.9

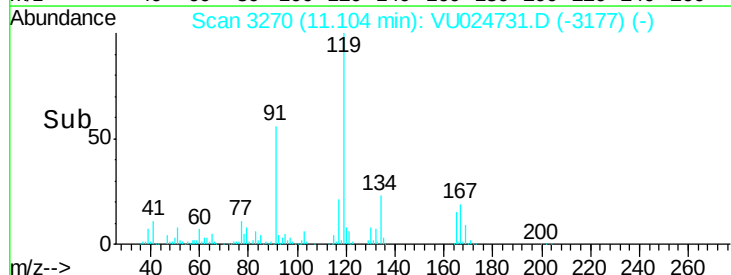
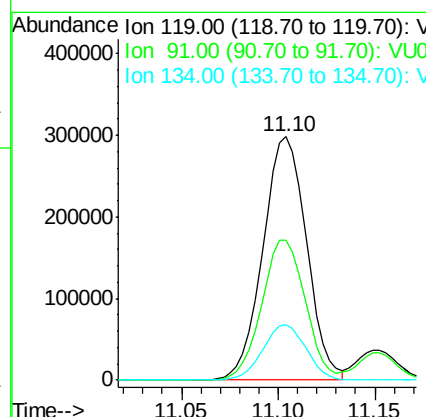
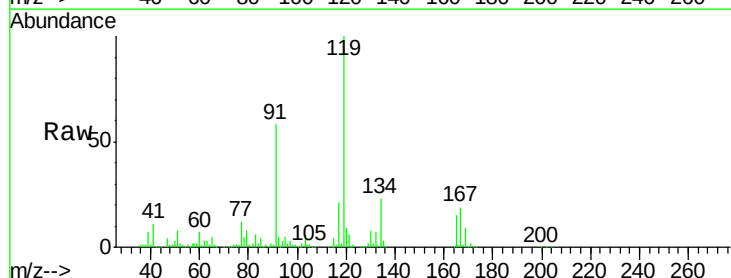
Manual Integrations
APPROVED

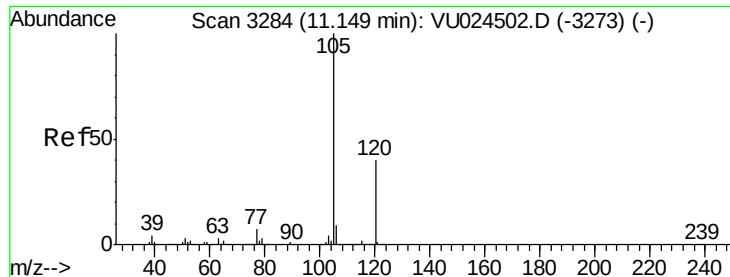
MMDadoda
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#83
tert-Butylbenzene
Concen: 50.37 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.3	29.7	89.1
134	22.6	11.6	34.7





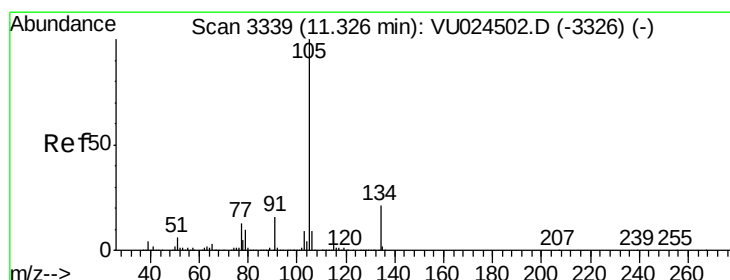
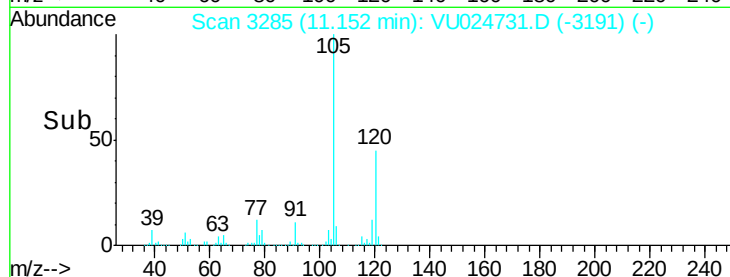
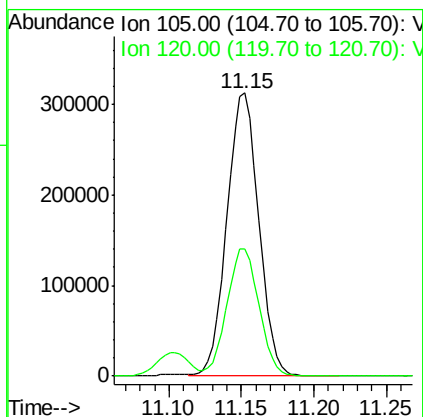
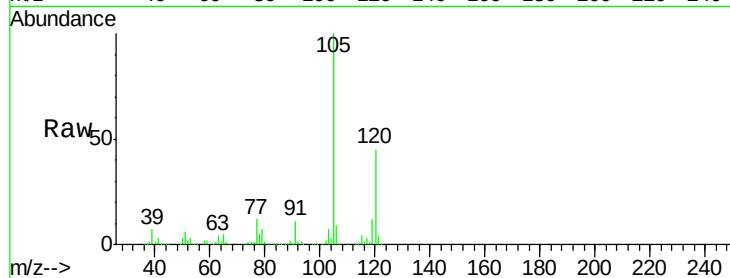
#84
 1,2,4-Trimethylbenzene
 Concen: 48.30 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024731.D
 Acq: 19 Jun 2018 08:22

Instrument :
 MSVOA_U
 ClientSampleId :
 SS036MW002-180613MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.6	67.8

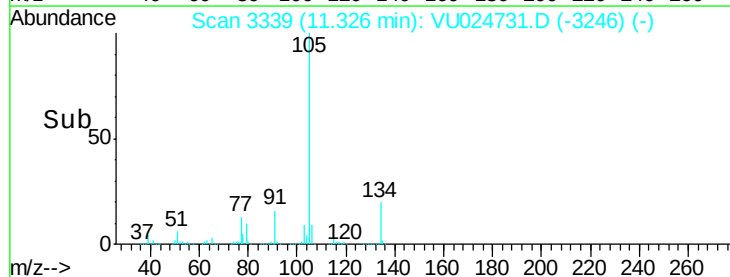
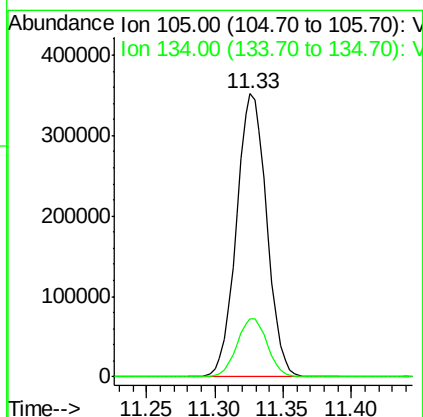
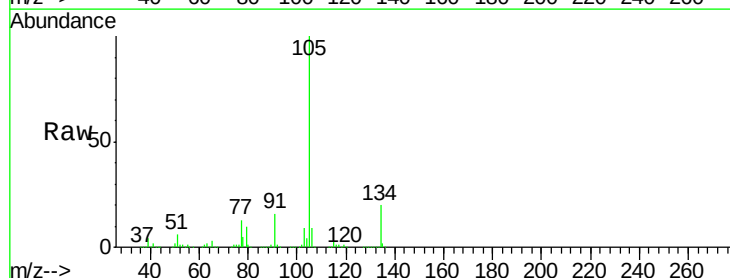
Manual Integrations
 APPROVED

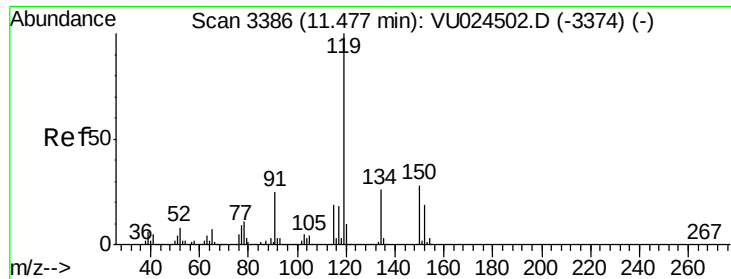
MMDadoda
 6/19/2018 1:55:09 PM



#85
 sec-Butylbenzene
 Concen: 46.43 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VU024731.D
 Acq: 19 Jun 2018 08:22

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.6	9.7	29.1





#86

p-Isopropyltoluene

Concen: 45.30 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

MSVOA_U

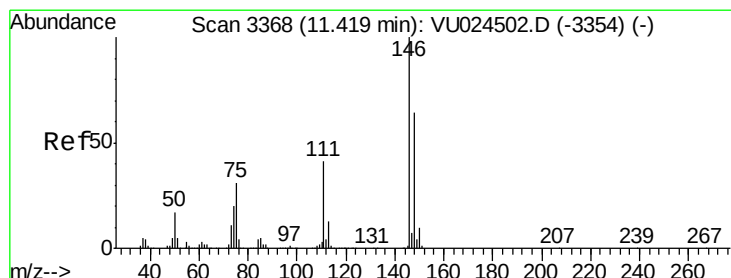
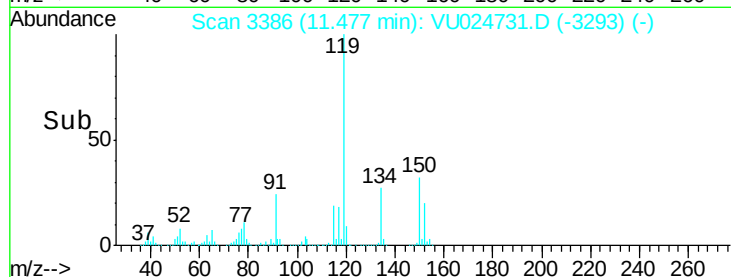
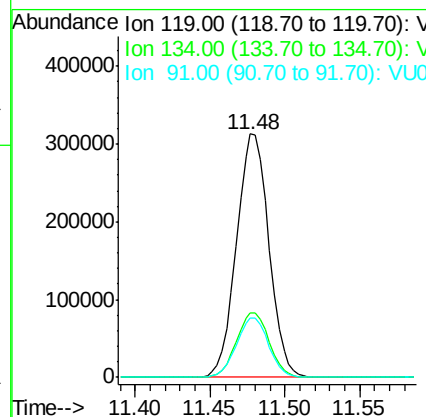
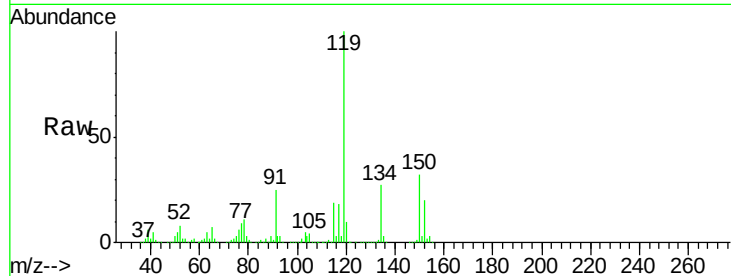
ClientSampleId :

SS036MW002-180613MS

Tot Ion:	119	Resp:	471815
Ion Ratio	Lower	Upper	
119	100		
134	26.8	12.9	38.6
91	24.1	12.0	36.1

Manual Integrations
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#87

1,3-Dichlorobenzene

Concen: 47.35 ug/l

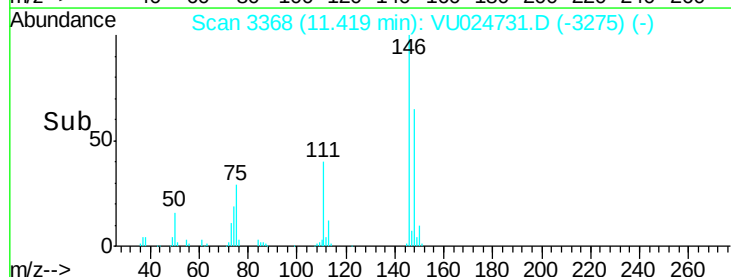
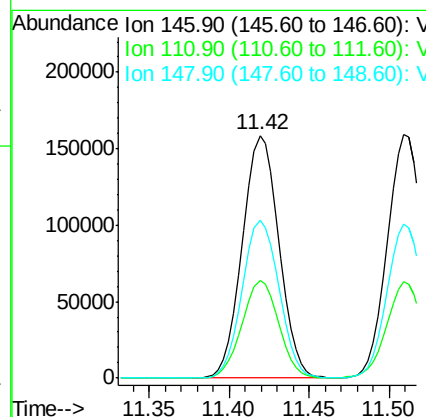
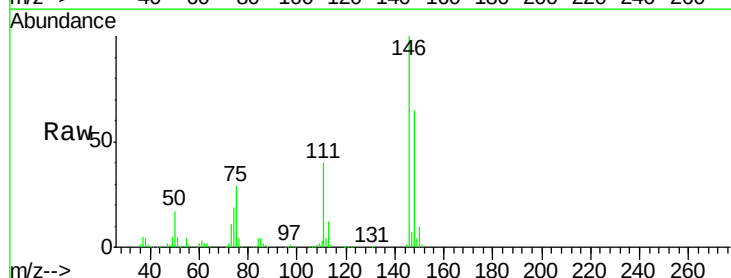
RT: 11.42 min Scan# 3368

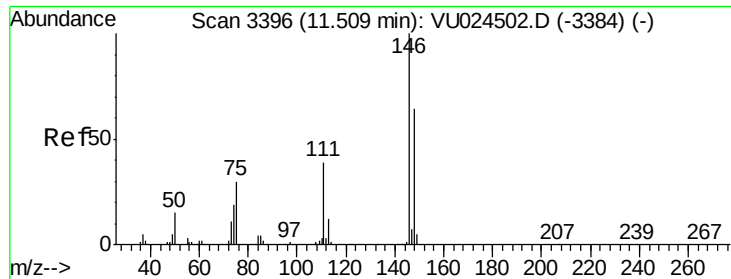
Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Tgt Ion:	146	Resp:	246777
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.0	60.0
148	65.8	32.1	96.5





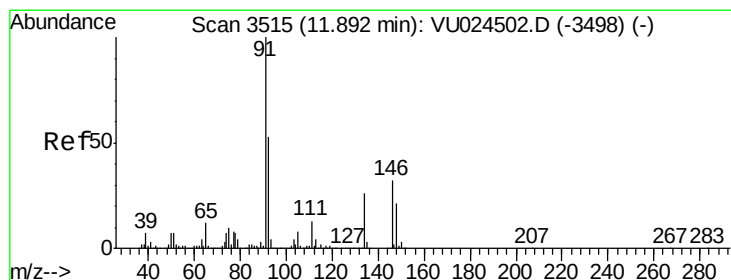
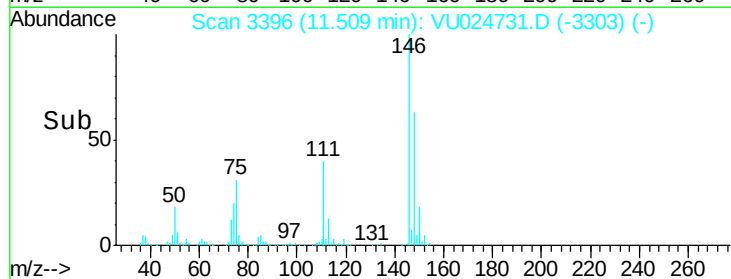
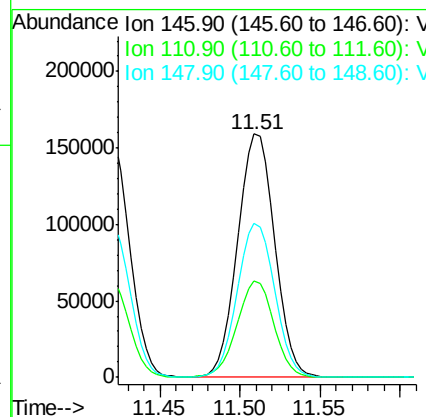
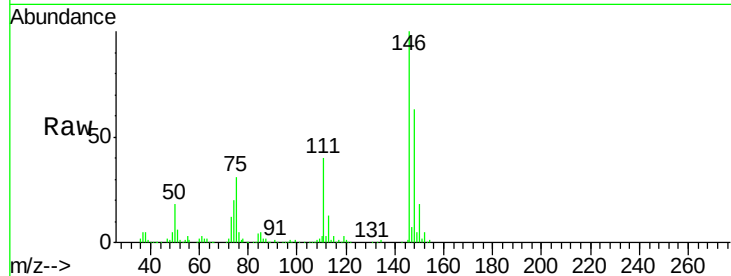
#88
 1,4-Dichlorobenzene
 Concen: 47.77 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024731.D
 Acq: 19 Jun 2018 08:22

Instrument :
 MSVOA_U
 ClientSampleId :
 SS036MW002-180613MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.5	58.5
148	63.9	32.4	97.0

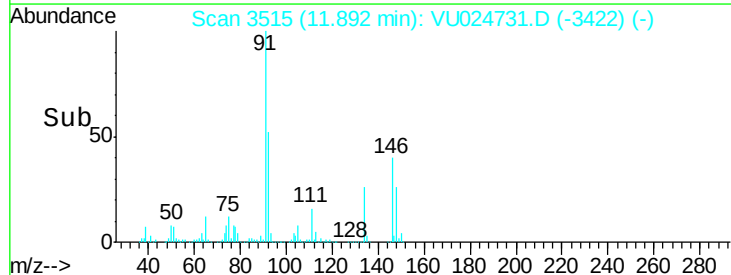
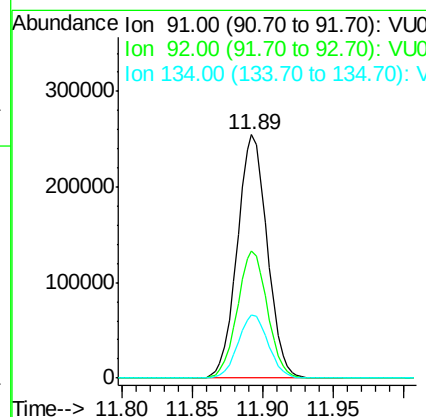
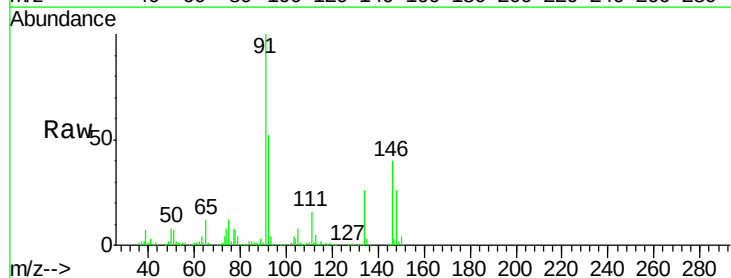
Manual Integrations
 APPROVED

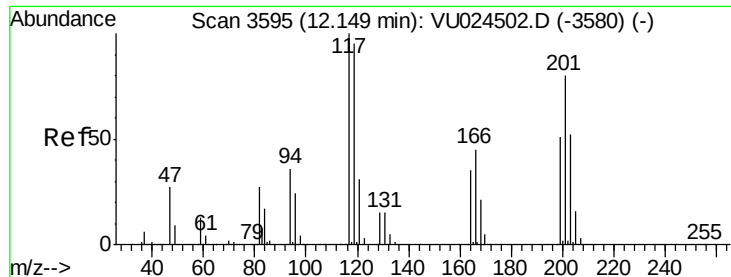
MMDadoda
 6/19/2018 1:55:09 PM



#89
 n-Butylbenzene
 Concen: 40.99 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. -0.00 min
 Lab File: VU024731.D
 Acq: 19 Jun 2018 08:22

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	25.6	76.8
134	26.3	12.3	36.8





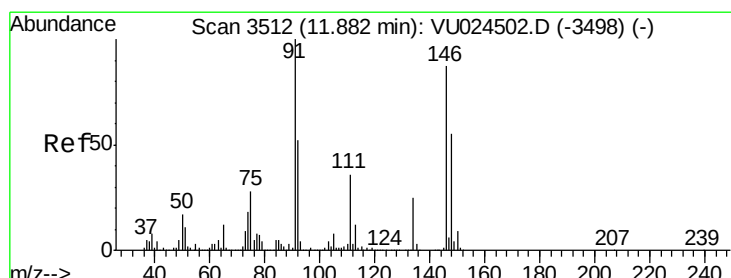
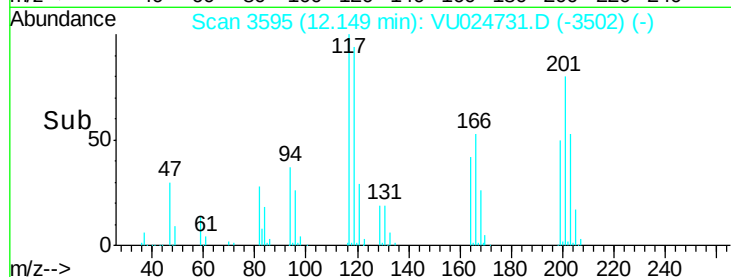
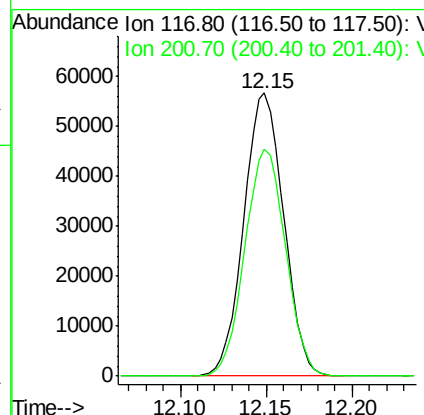
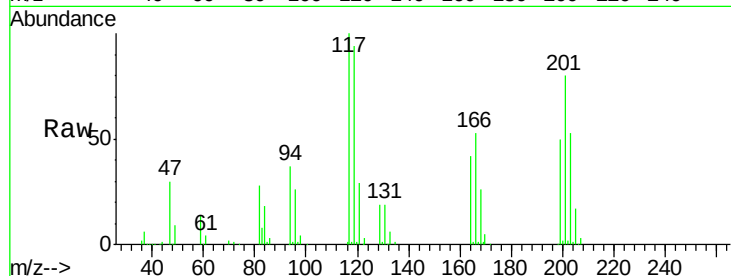
#90
Hexachloroethane
Concen: 45.07 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Instrument :
MSVOA_U
ClientSampleId :
SS036MW002-180613MS

Tot Ion:117 Resp: 91570
Ion Ratio Lower Upper
117 100
201 81.8 41.1 123.3

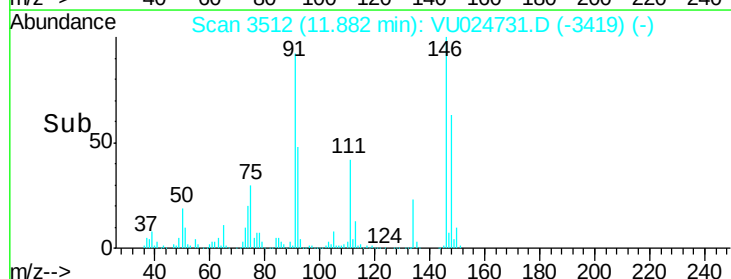
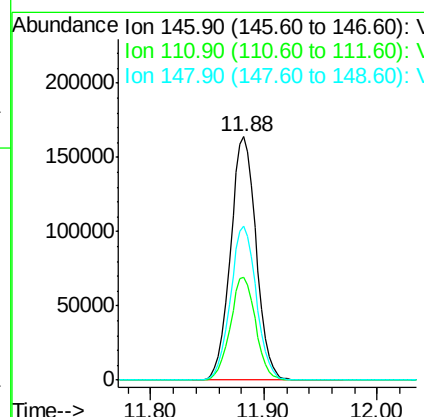
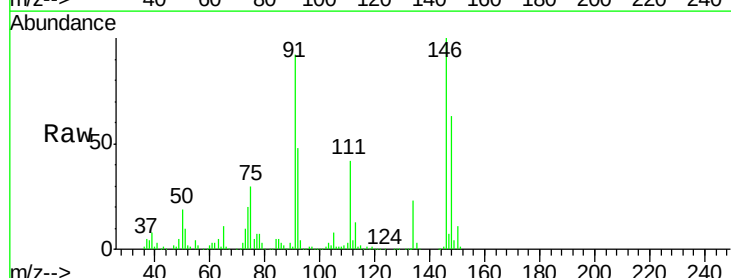
Manual Integrations
APPROVED

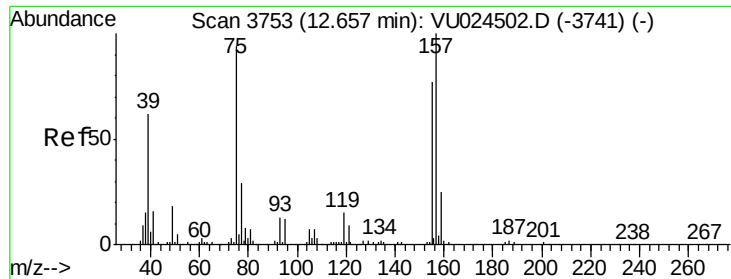
MMDadoda
6/19/2018 1:55:09 PM



#91
1,2-Dichlorobenzene
Concen: 49.46 ug/l
RT: 11.88 min Scan# 3512
Delta R.T. -0.00 min
Lab File: VU024731.D
Acq: 19 Jun 2018 08:22

Tgt Ion:146 Resp: 258180
Ion Ratio Lower Upper
146 100
111 41.8 20.5 61.6
148 63.7 31.9 95.7





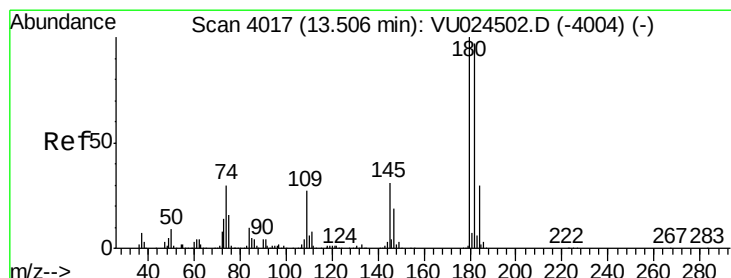
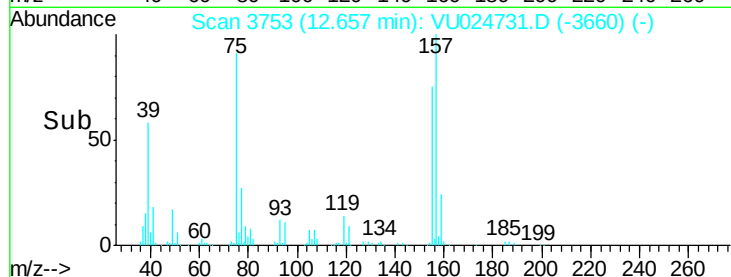
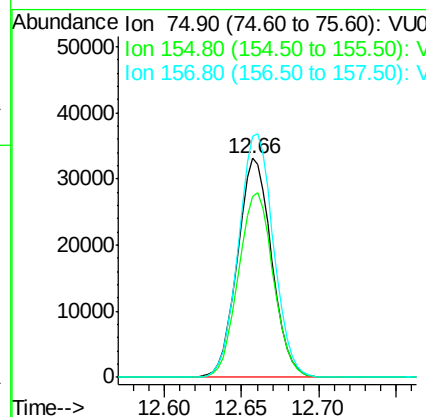
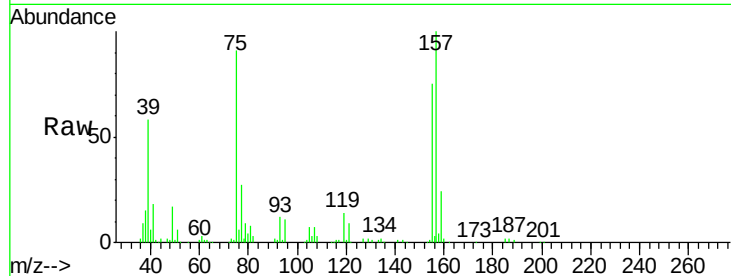
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.32 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. -0.00 min
 Lab File: VU024731.D
 Acq: 19 Jun 2018 08:22

Instrument :
 MSVOA_U
 ClientSampleId :
 SS036MW002-180613MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	86.0	40.4	121.2
157	113.3	52.3	156.8

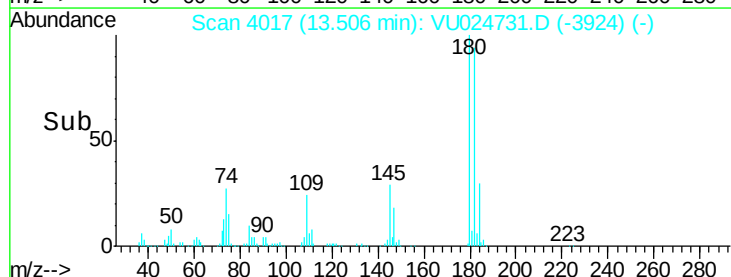
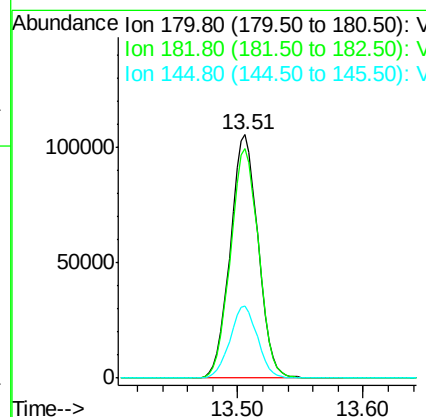
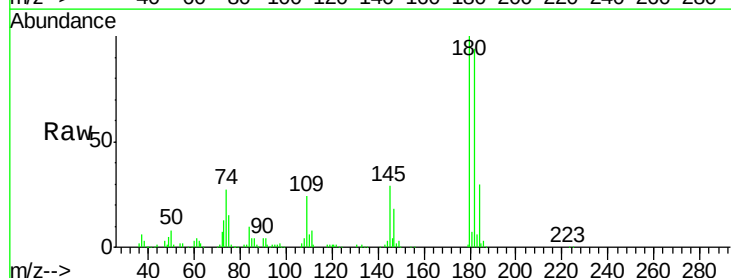
Manual Integrations
 APPROVED

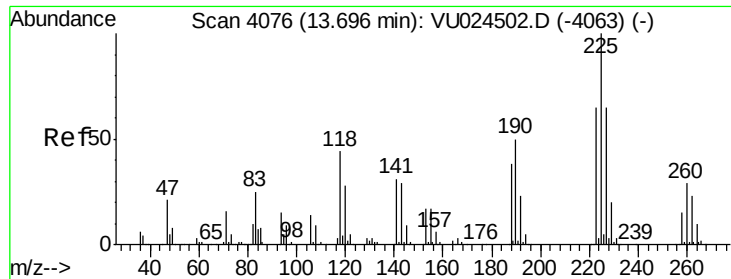
MMDadoda
 6/19/2018 1:55:09 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 50.50 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024731.D
 Acq: 19 Jun 2018 08:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.0	144.2
145	29.4	14.7	44.1





#94

Hexachlorobutadiene

Concen: 40.18 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. -0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Instrument :

MSVOA_U

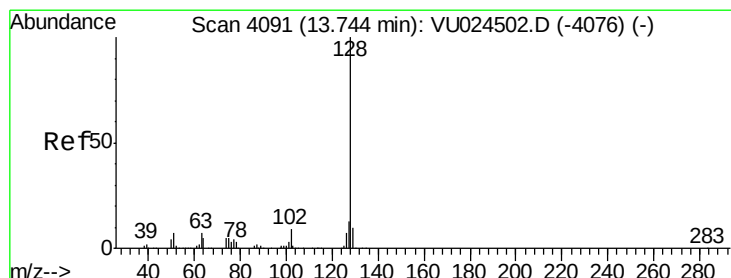
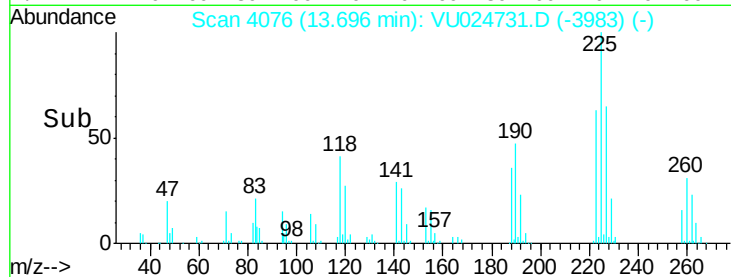
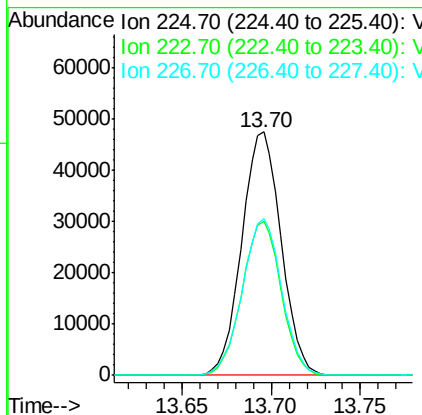
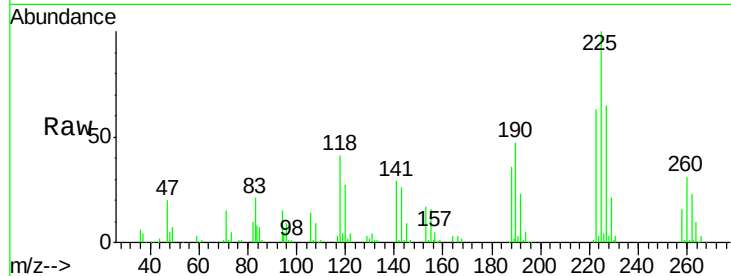
ClientSampleId :

SS036MW002-180613MS

Tot Ion:	225	Resp:	72897
Ion Ratio		Lower	Upper
225	100		
223	62.8	31.3	93.8
227	64.5	31.8	95.4

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:55:09 PM



#95

Naphthalene

Concen: 53.54 ug/l

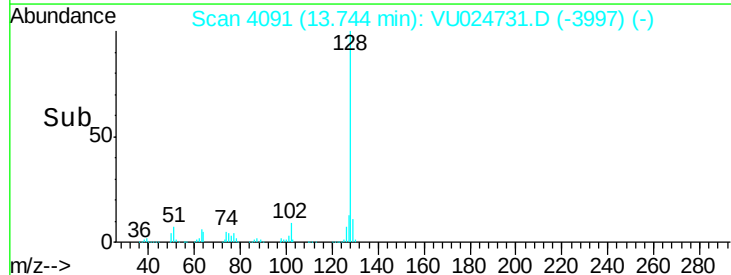
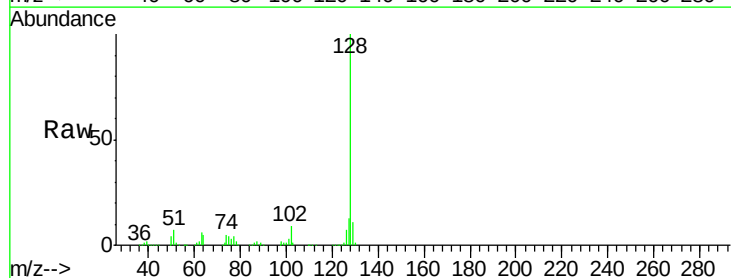
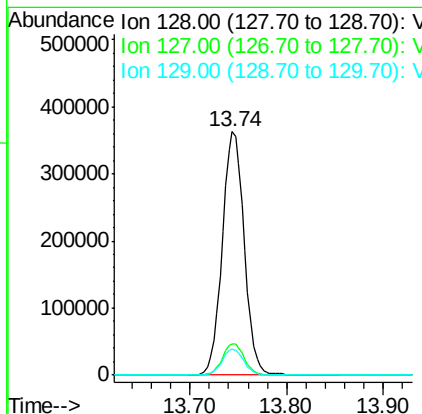
RT: 13.74 min Scan# 4091

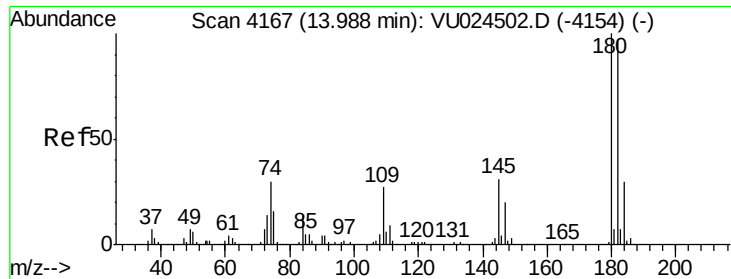
Delta R.T. 0.00 min

Lab File: VU024731.D

Acq: 19 Jun 2018 08:22

Tgt Ion:	128	Resp:	571857
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.6	16.0
129	10.7	8.6	12.8





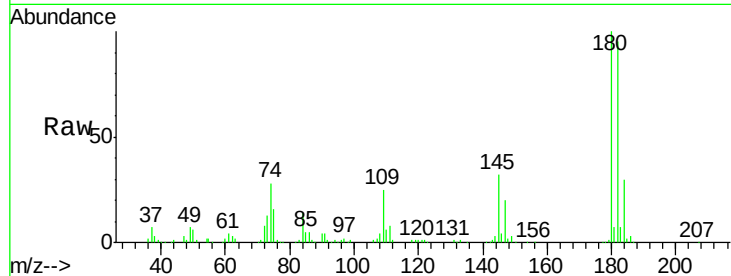
#96
 1,2,3-Trichlorobenzene
 Concen: 53.85 ug/l
 RT: 13.99 min Scan# 4167
 Delta R.T. -0.00 min
 Lab File: VU024731.D
 Acq: 19 Jun 2018 08:22

Instrument :
 MSVOA_U
 ClientSampleId :
 SS036MW002-180613MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	172971		
182	94.7	47.9	143.7	
145	30.9	15.4	46.1	

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:55:09 PM



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

