

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062818\
 Data File : VU025058.D
 Acq On : 29 Jun 2018 07:13
 Operator : MD/SY
 Sample : J3707-21MSD
 Misc : 5.48g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB489-21-23-180622MSD

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 4:23:47 PM

Quant Time: Jun 29 09:06:55 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	4.98	168	205502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	316003	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	305576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	190091	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	155922	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
35) Dibromofluoromethane	4.89	113	127046	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	7.57	98	434539	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
62) 4-Bromofluorobenzene	10.32	95	195306	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	97033	37.72	ug/l	100
3) Chloromethane	1.32	50	104439	39.74	ug/l	99
4) Vinyl Chloride	1.40	62	119840	44.22	ug/l	98
5) Bromomethane	1.60	94	33379	25.48	ug/l	99
6) Chloroethane	1.66	64	41745	27.08	ug/l	99
7) Trichlorofluoromethane	1.82	101	154927	37.46	ug/l	100
8) Diethyl Ether	2.10	74	70411	50.03	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.25	101	104577	40.76	ug/l	97
10) Methyl Iodide	2.38	142	103595	47.95	ug/l	99
11) Tert butyl alcohol	2.83	59	11547	14.15	ug/l #	72
12) 1,1-Dichloroethene	2.25	96	101522	43.39	ug/l	95
13) Acrolein	2.19	56	36065	84.17	ug/l	99
14) Allyl chloride	2.57	41	180656	41.58	ug/l	88
15) Acrylonitrile	2.95	53	376353	237.07	ug/l	98
16) Acetone	2.35	43	340506	188.90	ug/l	100
17) Carbon Disulfide	2.45	76	262078	34.98	ug/l	98
18) Methyl Acetate	2.62	43	234527	60.69	ug/l	99
19) Methyl tert-butyl Ether	3.01	73	425247	48.35	ug/l	97
20) Methylene Chloride	2.69	84	125877	44.51	ug/l	96
21) trans-1,2-Dichloroethene	2.97	96	113024	43.86	ug/l	98
22) Diisopropyl ether	3.58	45	402971	46.79	ug/l	97
23) Vinyl Acetate	3.53	43	1582044	205.06	ug/l	98
24) 1,1-Dichloroethane	3.44	63	226904	45.80	ug/l	99
25) 2-Butanone	4.28	43	501831	207.26	ug/l	95
26) 2,2-Dichloropropane	4.22	77	132157	28.09	ug/l	86
27) cis-1,2-Dichloroethene	4.22	96	311756	105.22	ug/l	90
28) Bromochloromethane	4.55	49	94805	43.44	ug/l #	83
29) Tetrahydrofuran	4.65	42	336614	224.50	ug/l	97
30) Chloroform	4.67	83	239144	47.69	ug/l	97
31) Cyclohexane	4.99	56	190691	43.07	ug/l	93
32) 1,1,1-Trichloroethane	4.91	97	215822	46.54	ug/l	95
36) 1,1-Dichloropropene	5.13	75	162448	43.75	ug/l	96
37) Ethyl Acetate	4.39	43	209123	51.67	ug/l	99
38) Carbon Tetrachloride	5.13	117	185161	45.35	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	190227	41.05	ug/l	96
40) Benzene	5.39	78	491332	46.44	ug/l	99
41) Methacrylonitrile	4.55	41	104509	47.89	ug/l	96
42) 1,2-Dichloroethane	5.41	62	199077	49.40	ug/l	100
43) Isopropyl Acetate	5.56	43	318242	45.49	ug/l	98
44) Trichloroethene	6.18	130	139522	46.33	ug/l	95
45) 1,2-Dichloropropane	6.44	63	134664	47.70	ug/l	99
46) Dibromomethane	6.56	93	96081	48.45	ug/l	95
47) Bromodichloromethane	6.76	83	185239	46.91	ug/l	99
48) Methyl methacrylate	6.63	41	162763	47.78	ug/l	100
49) 1,4-Dioxane	6.64	88	71958	1080.14	ug/l	96
51) 4-Methyl-2-Pentanone	7.48	43	1067123	242.80	ug/l	97
52) Toluene	7.64	92	321942	47.29	ug/l	99
53) t-1,3-Dichloropropene	7.89	75	194237	43.80	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	201297	42.60	ug/l	100
55) 1,1,2-Trichloroethane	8.08	97	140484	50.77	ug/l	97
56) Ethyl methacrylate	8.03	69	229968	49.65	ug/l	100
57) 1,3-Dichloropropane	8.25	76	232830	49.88	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	68785	38.77	ug/l	96
59) 2-Hexanone	8.38	43	854259	238.08	ug/l	99
60) Dibromochloromethane	8.48	129	159064	46.10	ug/l	100
61) 1,2-Dibromoethane	8.59	107	151871	49.31	ug/l	100
64) Tetrachloroethene	8.23	164	144167	49.63	ug/l	98
65) Chlorobenzene	9.13	112	391147	50.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.22	131	145236	48.97	ug/l	98
67) Ethyl Benzene	9.26	91	652612	47.69	ug/l	99
68) m/p-Xylenes	9.38	106	503953	95.90	ug/l	97
69) o-Xylene	9.79	106	254606	48.96	ug/l	96
70) Styrene	9.80	104	430845	50.41	ug/l	99
71) Bromoform	9.97	173	132784	47.10	ug/l #	100
73) Isopropylbenzene	10.17	105	697730	47.81	ug/l	99
74) N-amyl acetate	10.02	43	309446	44.58	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.47	83	242956	49.68	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	212932m	50.88	ug/l	
77) Bromobenzene	10.46	156	187093	50.64	ug/l	94
78) n-propylbenzene	10.59	91	788570	45.87	ug/l	97
79) 2-Chlorotoluene	10.67	91	487549	48.09	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	594823	47.02	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.52	75	84025m	46.47	ug/l	
82) 4-Chlorotoluene	10.78	91	559226	47.39	ug/l	99
83) tert-Butylbenzene	11.11	119	606165	49.82	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	600613	46.59	ug/l	100
85) sec-Butylbenzene	11.33	105	725266	47.62	ug/l	98
86) p-Isopropyltoluene	11.48	119	630235	46.20	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	333279	48.82	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	338625	49.29	ug/l	99
89) n-Butylbenzene	11.90	91	504462	41.65	ug/l	97
90) Hexachloroethane	12.15	117	114002	42.84	ug/l	98
91) 1,2-Dichlorobenzene	11.89	146	348414	50.96	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	57805	42.84	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	207526	49.15	ug/l	99
94) Hexachlorobutadiene	13.70	225	112242	47.23	ug/l	99
95) Naphthalene	13.75	128	673137	48.18	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	213728	50.80	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion:168 Resp: 205502

Ion Ratio Lower Upper

168 100

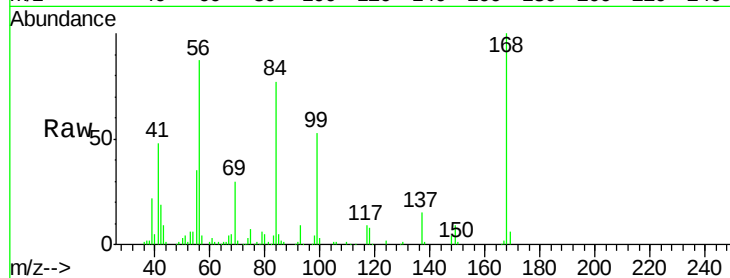
99 52.2 43.2 64.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.98

80000

60000

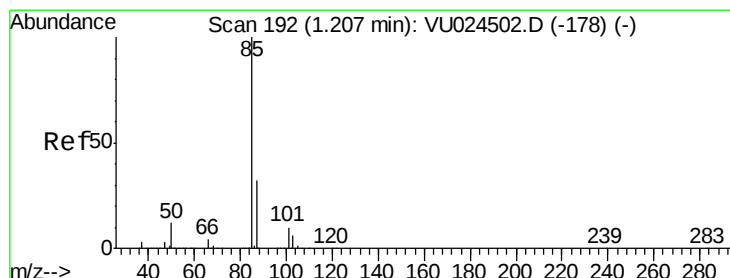
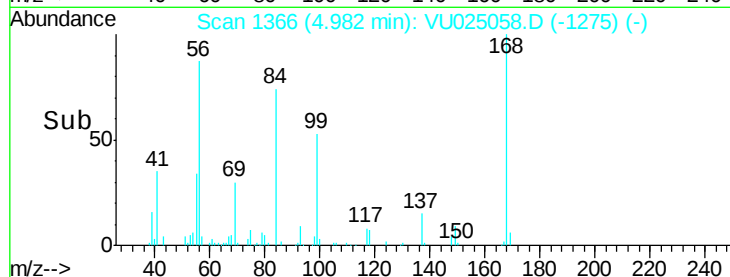
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 37.72 ug/l

RT: 1.20 min Scan# 190

Delta R.T. -0.01 min

Lab File: VU025058.D

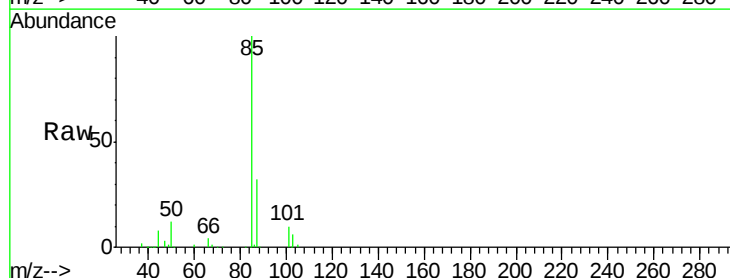
Acq: 29 Jun 2018 07:13

Tgt Ion: 85 Resp: 97033

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

1.20

80000

60000

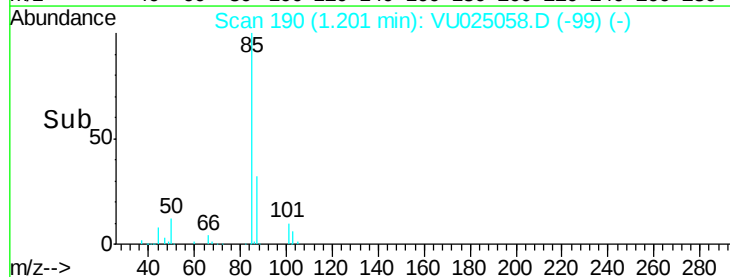
40000

20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 39.74 ug/l

RT: 1.32 min Scan# 228

Delta R.T. -0.01 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion: 50 Resp: 104439

Ion Ratio Lower Upper

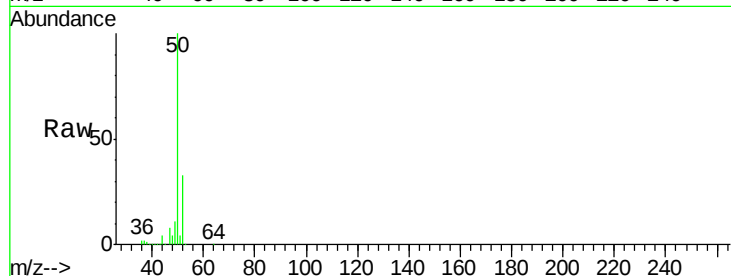
50 100

52 32.6 26.4 39.6

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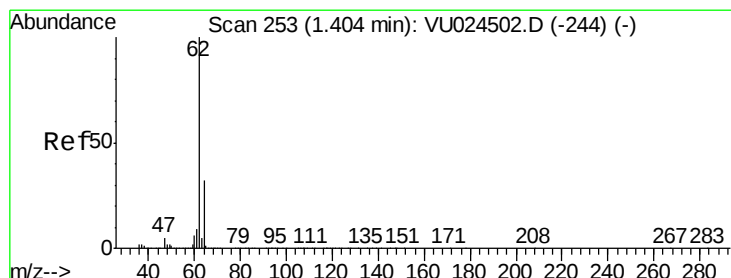
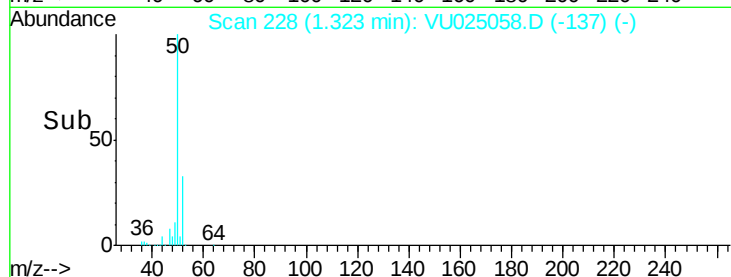
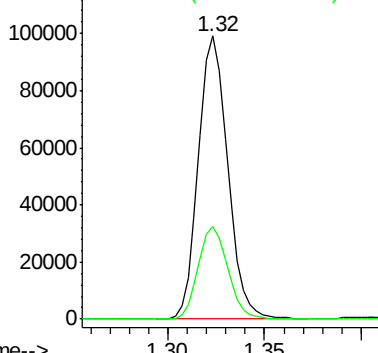
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 44.22 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU025058.D

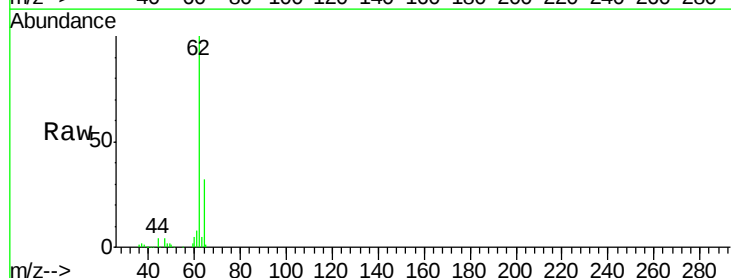
Acq: 29 Jun 2018 07:13

Tgt Ion: 62 Resp: 119840

Ion Ratio Lower Upper

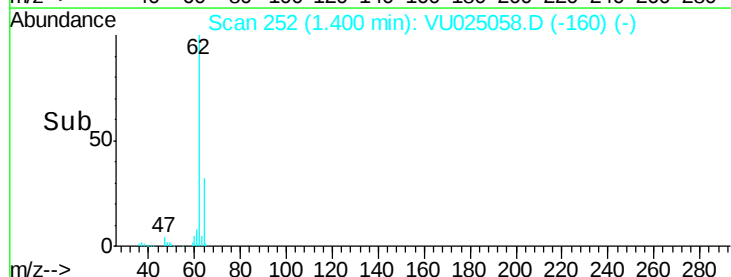
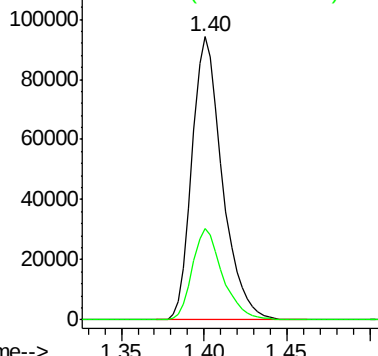
62 100

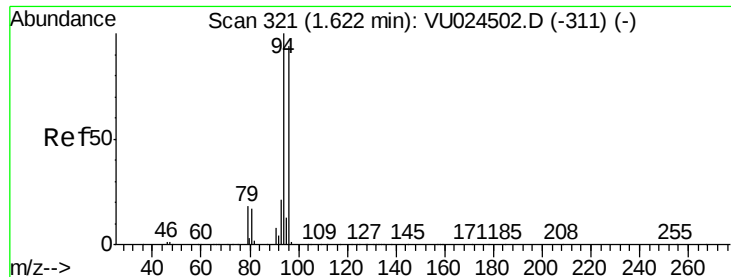
64 32.0 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 25.48 ug/l

RT: 1.60 min Scan# 314

Delta R.T. -0.02 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion: 94 Resp: 33379

Ion Ratio Lower Upper

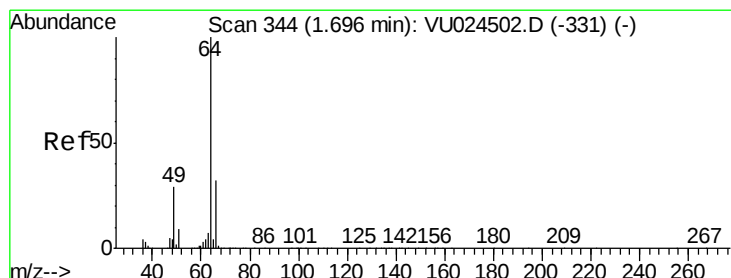
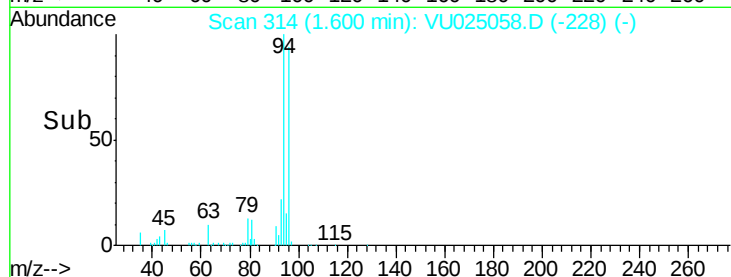
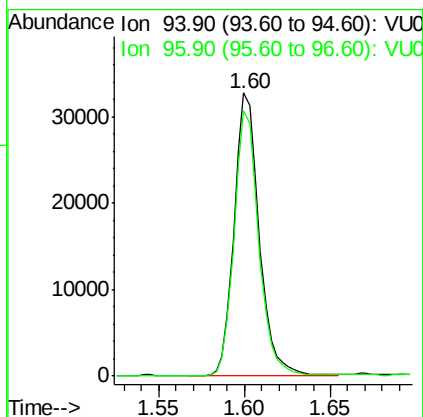
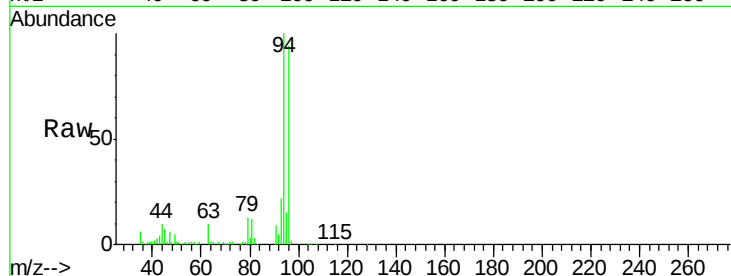
94 100

96 94.0 74.5 111.7

Manual Integrations
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6/29/2018 4:23:47 PM



#6

Chloroethane

Concen: 27.08 ug/l

RT: 1.66 min Scan# 333

Delta R.T. -0.04 min

Lab File: VU025058.D

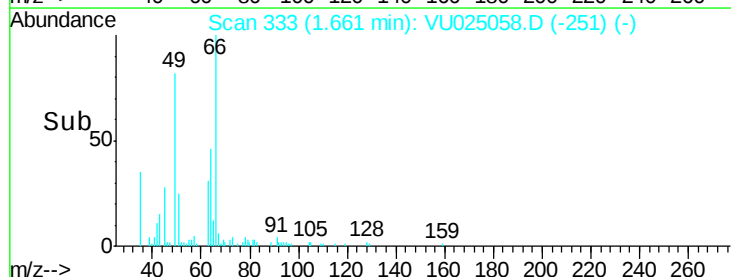
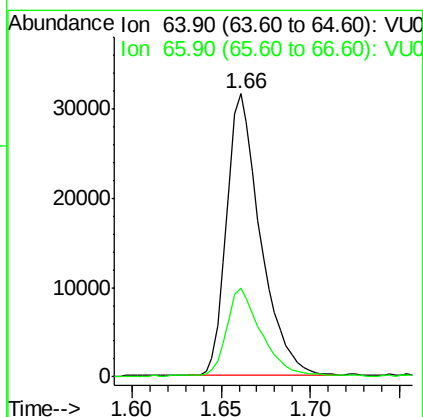
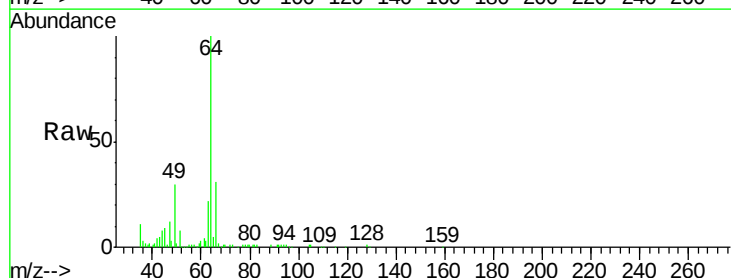
Acq: 29 Jun 2018 07:13

Tgt Ion: 64 Resp: 41745

Ion Ratio Lower Upper

64 100

66 31.1 25.5 38.3





#7

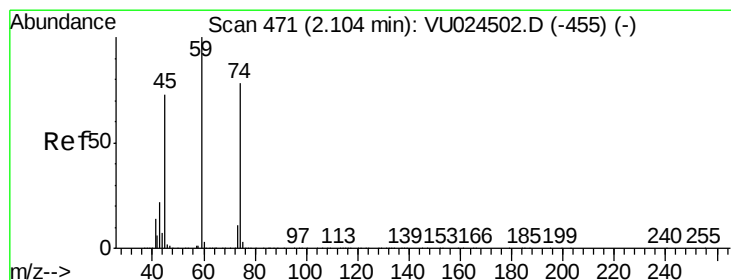
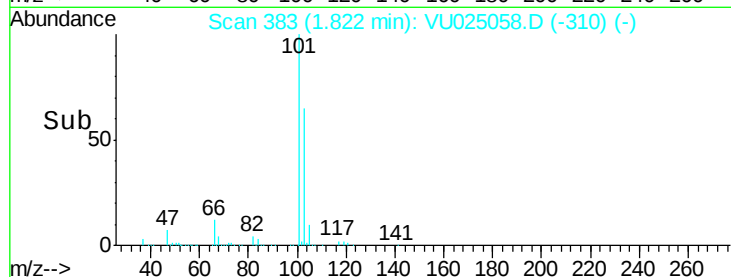
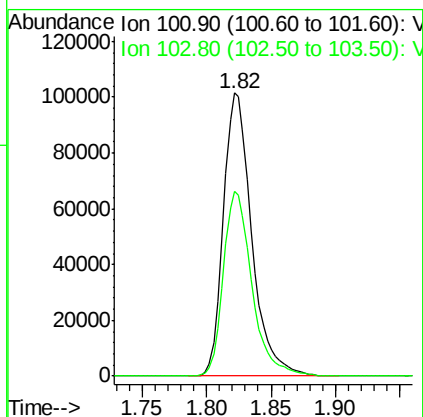
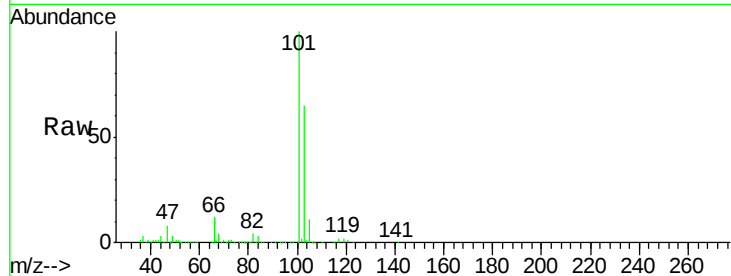
Trichlorofluoromethane
Concen: 37.46 ug/l
RT: 1.82 min Scan# 383
Delta R.T. -0.06 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.3	78.5

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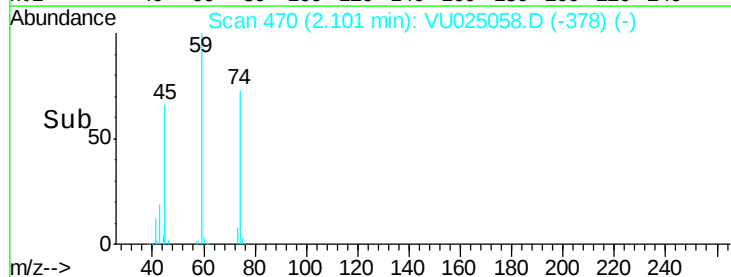
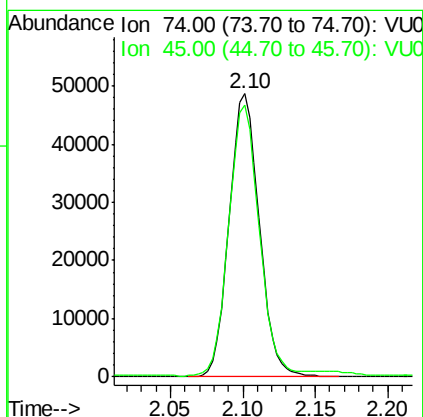
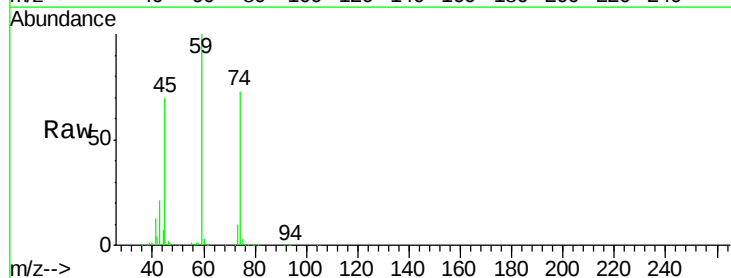
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#8

Diethyl Ether
Concen: 50.03 ug/l
RT: 2.10 min Scan# 470
Delta R.T. -0.00 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.1	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.76 ug/l

RT: 2.25 min Scan# 516

Delta R.T. -0.04 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

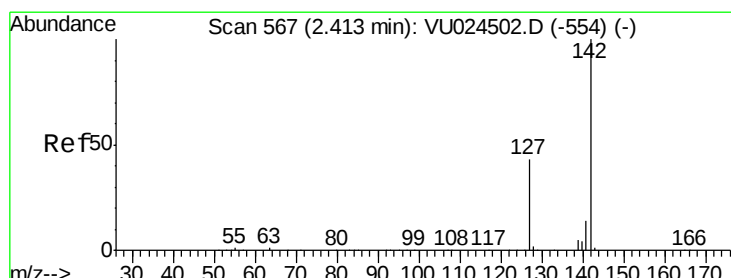
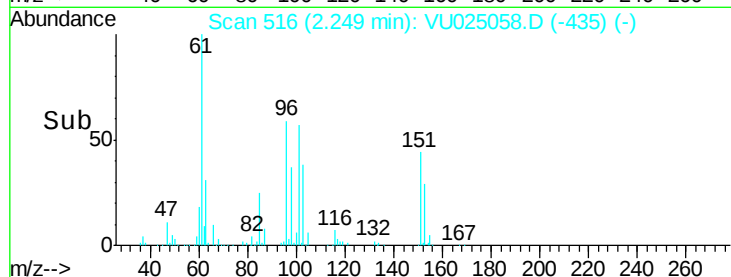
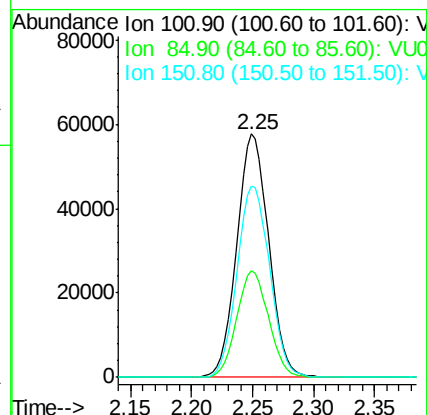
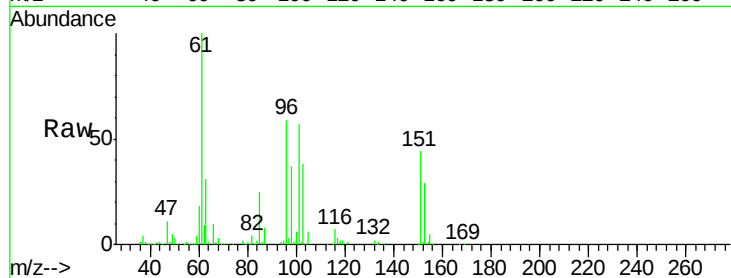
ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion:	101	Resp:	104577
Ion Ratio	Lower	Upper	
101	100		
85	43.6	36.0	54.0
151	80.6	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 47.95 ug/l

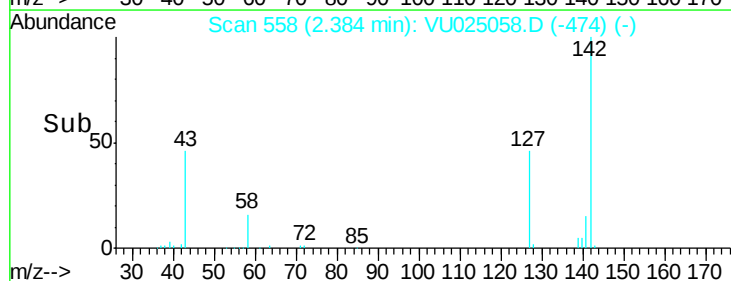
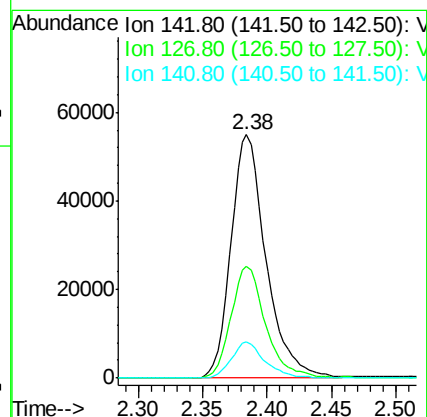
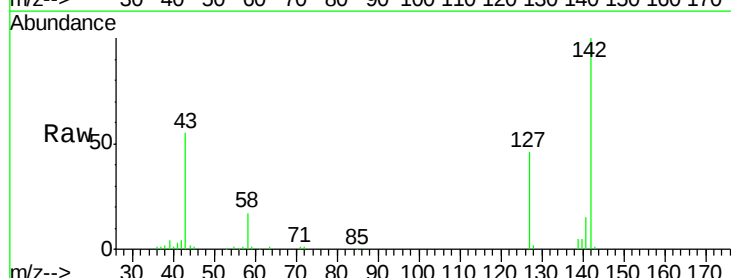
RT: 2.38 min Scan# 558

Delta R.T. -0.03 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Tgt Ion:	142	Resp:	103595
Ion Ratio	Lower	Upper	
142	100		
127	45.3	35.6	53.4
141	14.4	11.7	17.5





#11

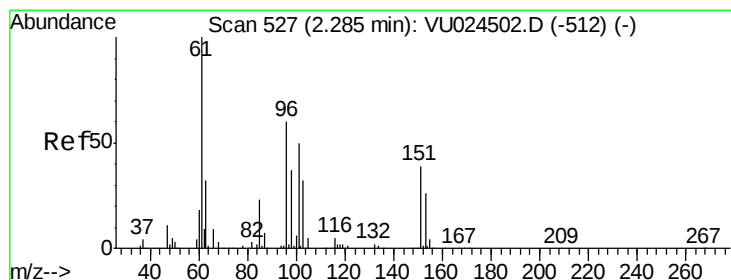
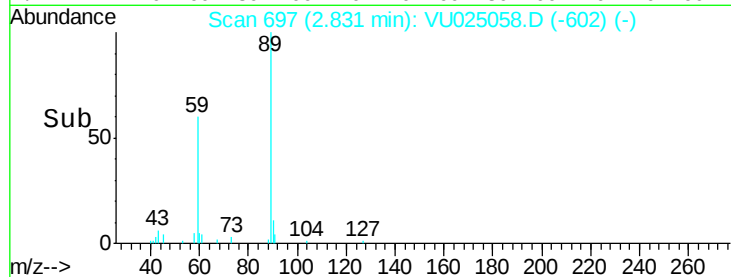
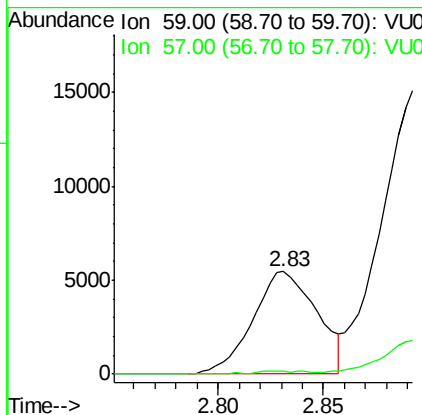
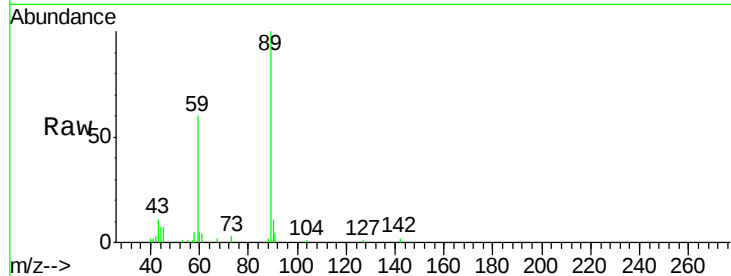
Tert butyl alcohol
Concen: 14.15 ug/l
RT: 2.83 min Scan# 697
Delta R.T. 0.01 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Instrument :
MSVOA_U
ClientSampleId :
WP021SB489-21-23-180622MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

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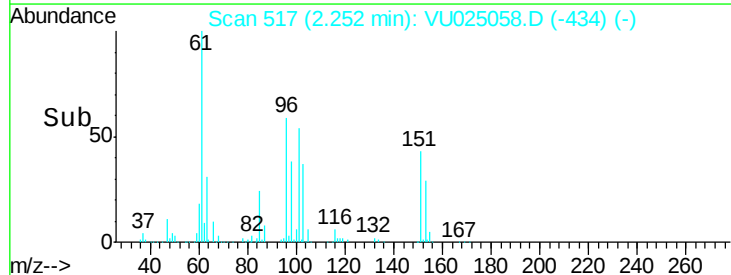
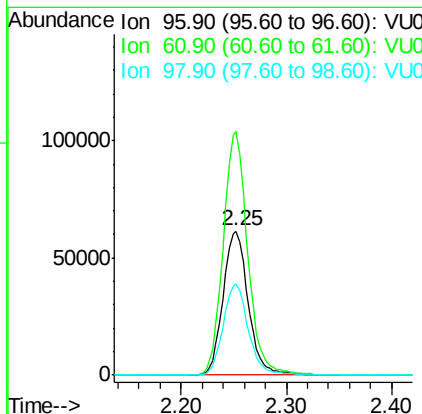
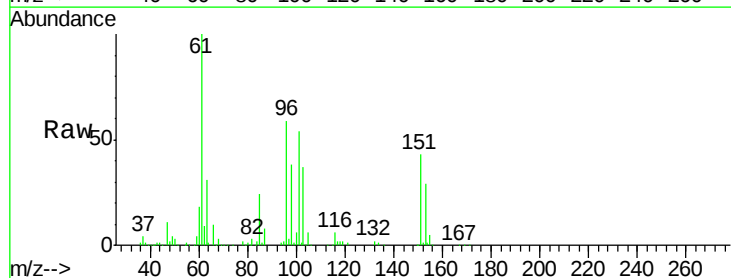
MMDadoda
6/29/2018 4:23:47 PM

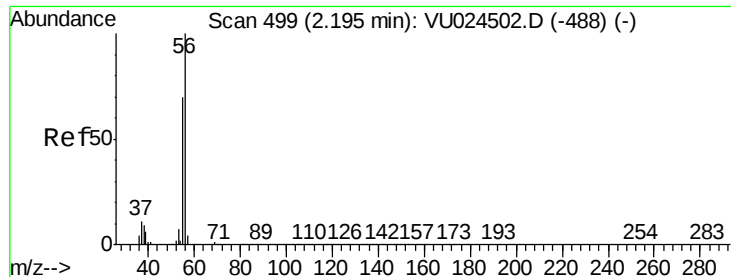


#12

1,1-Dichloroethene
Concen: 43.39 ug/l
RT: 2.25 min Scan# 517
Delta R.T. -0.03 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.7	141.7	212.5
98	63.4	51.6	77.4





#13

Acrolein

Concen: 84.17 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion: 56 Resp: 36065

Ion Ratio Lower Upper

56 100

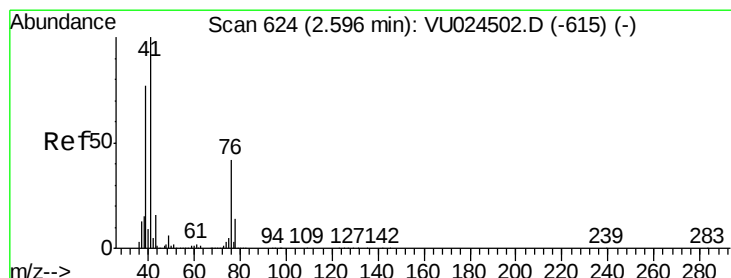
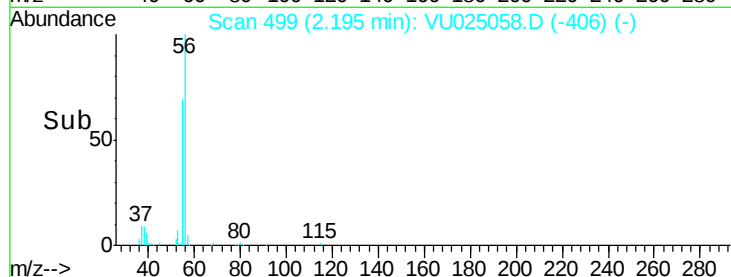
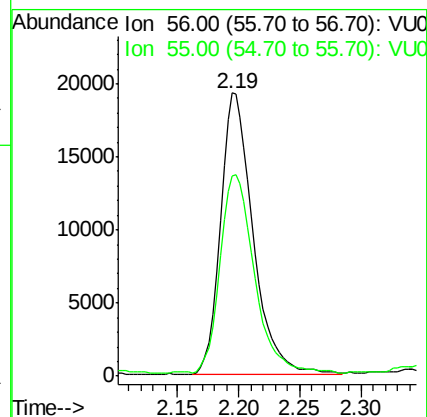
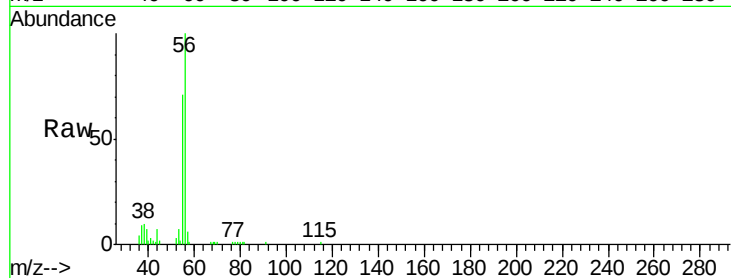
55 74.2 58.4 87.6

Manual Integrations

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6/29/2018 4:23:47 PM



#14

Allyl chloride

Concen: 41.58 ug/l

RT: 2.57 min Scan# 617

Delta R.T. -0.02 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

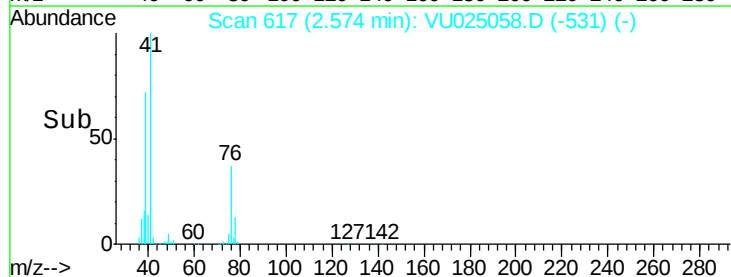
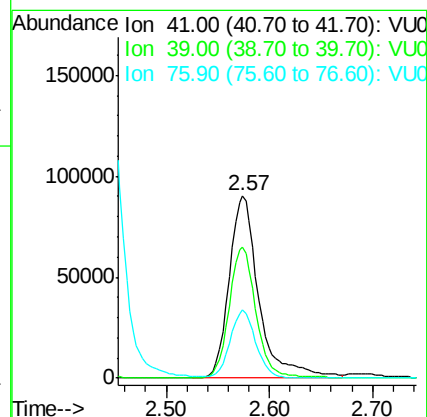
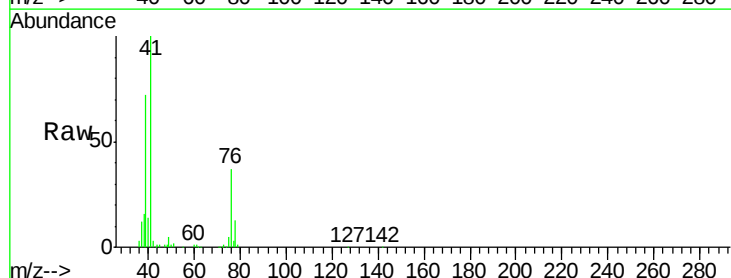
Tgt Ion: 41 Resp: 180656

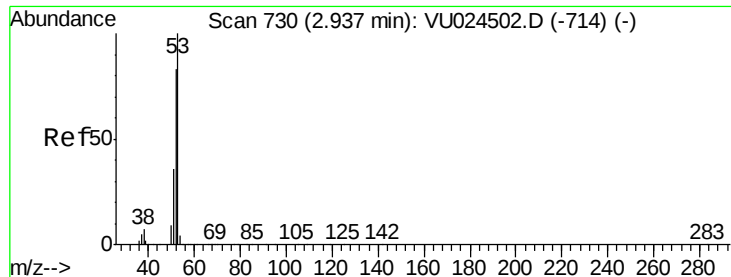
Ion Ratio Lower Upper

41 100

39 65.2 61.6 92.4

76 32.9 29.7 44.5





#15

Acrylonitrile

Concen: 237.07 ug/l

RT: 2.95 min Scan# 734

Delta R.T. 0.01 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

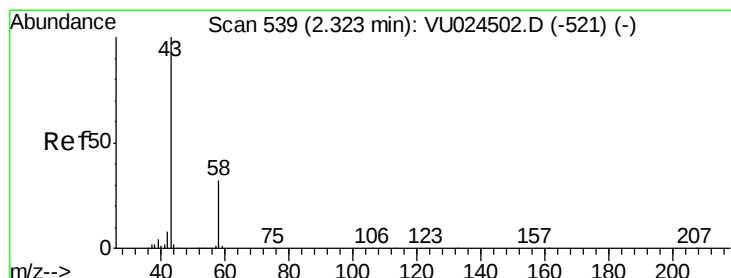
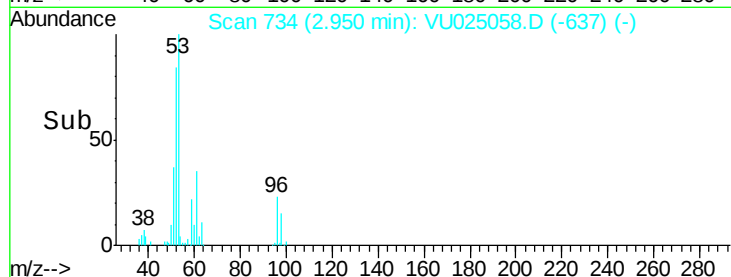
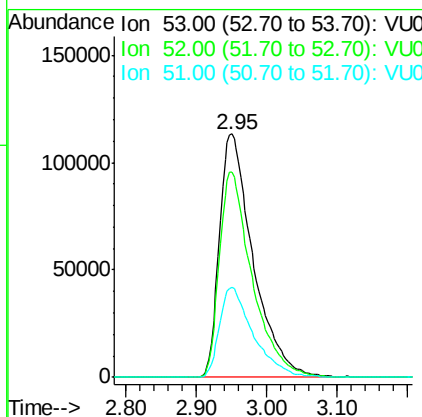
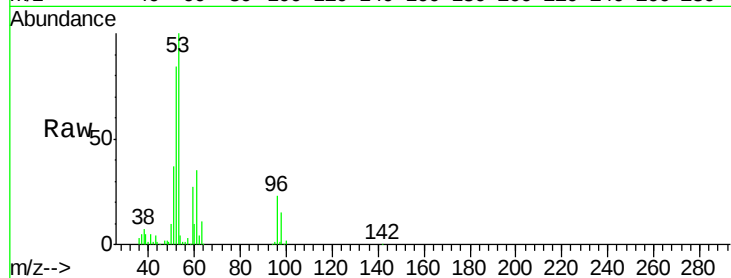
ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion:	53	Resp:	376353
Ion	Ratio	Lower	Upper
53	100		
52	82.5	67.1	100.7
51	37.4	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 188.90 ug/l

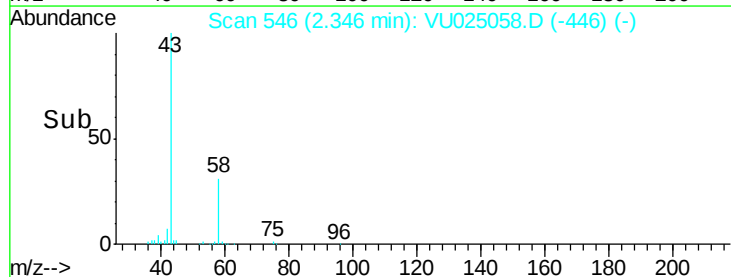
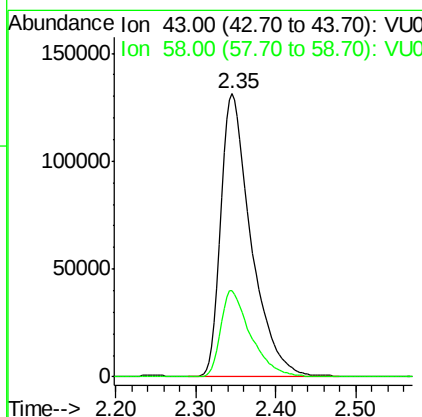
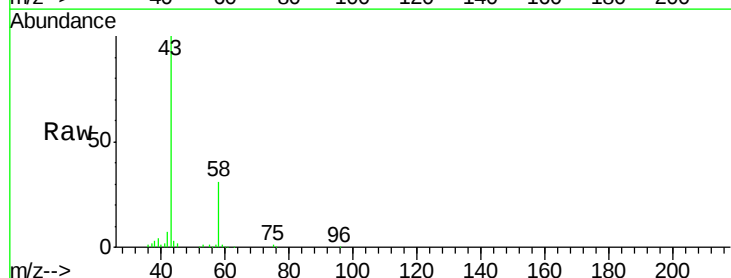
RT: 2.35 min Scan# 546

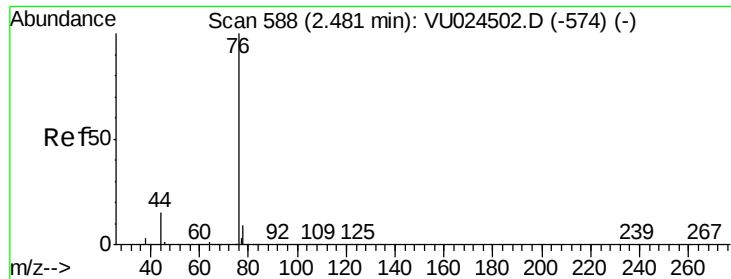
Delta R.T. 0.02 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Tgt Ion:	43	Resp:	340506
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.4	36.6





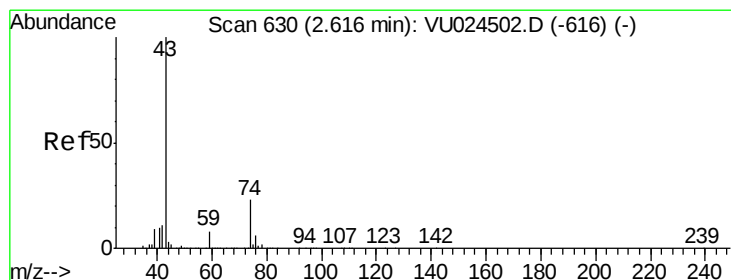
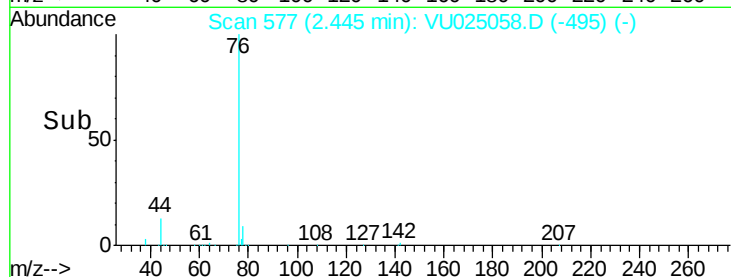
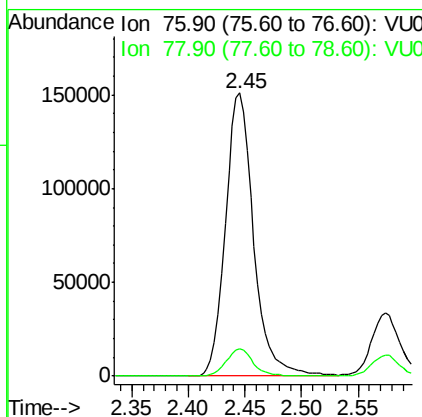
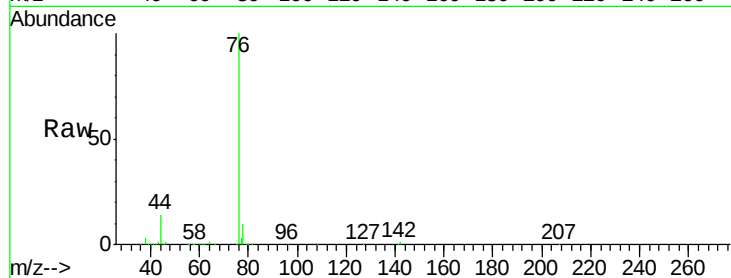
#17
Carbon Disulfide
Concen: 34.98 ug/l
RT: 2.45 min Scan# 577
Delta R.T. -0.04 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Instrument :
MSVOA_U
ClientSampleId :
WP021SB489-21-23-180622MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.1	10.7

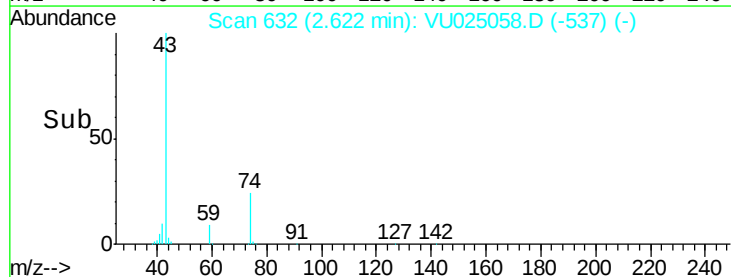
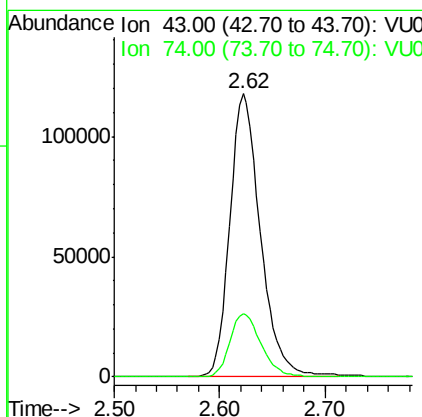
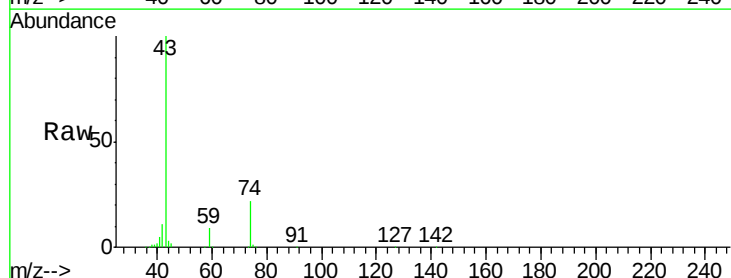
Manual Integrations
APPROVED

MMDadoda
6/29/2018 4:23:47 PM



#18
Methyl Acetate
Concen: 60.69 ug/l
RT: 2.62 min Scan# 632
Delta R.T. 0.01 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.0	27.0





#19

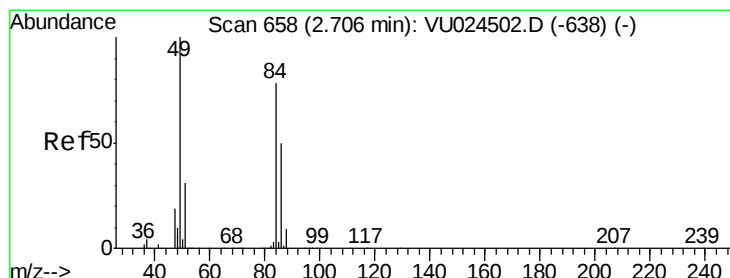
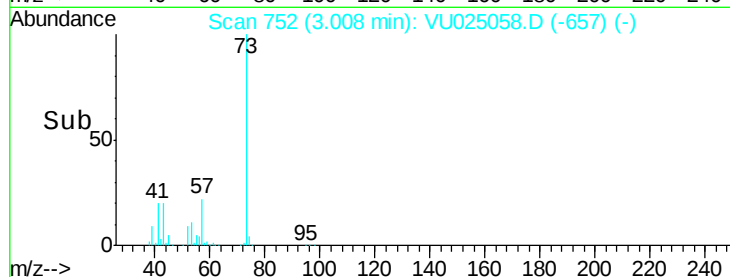
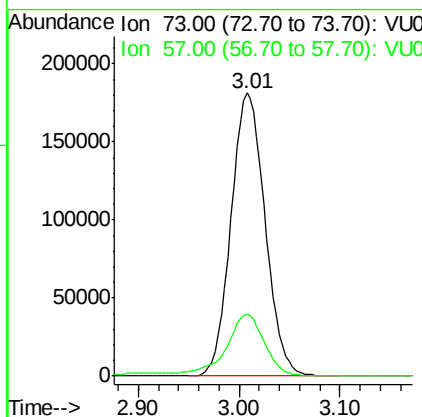
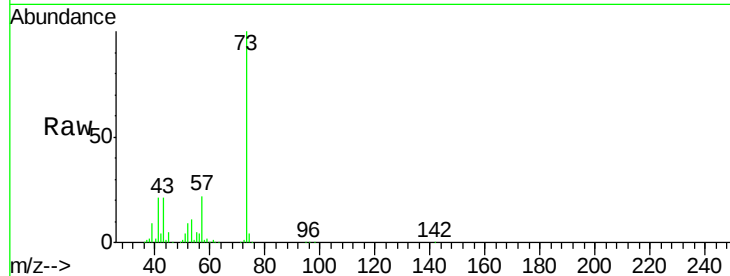
Methyl tert-butyl Ether
 Concen: 48.35 ug/l
 RT: 3.01 min Scan# 752
 Delta R.T. 0.01 min
 Lab File: VU025058.D
 Acq: 29 Jun 2018 07:13

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB489-21-23-180622MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	18.8	28.2

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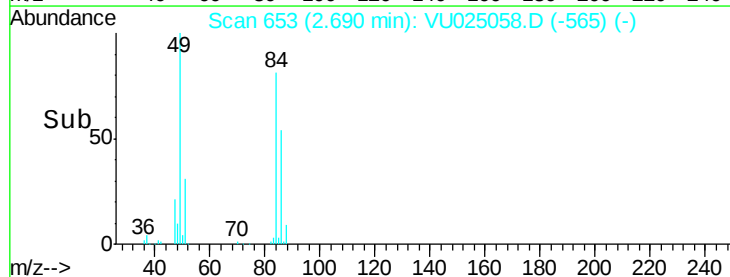
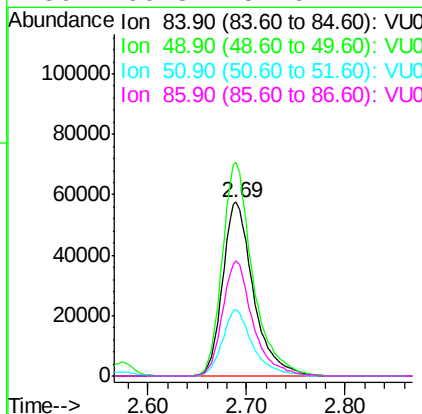
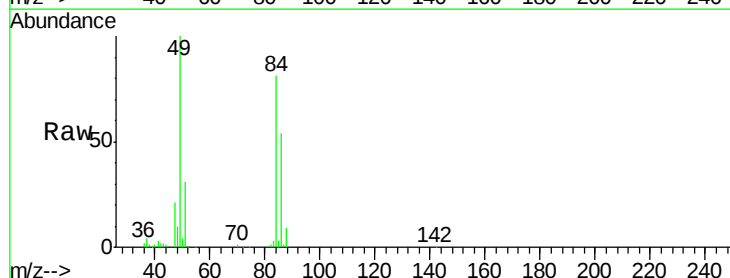
MMDadoda
 6/29/2018 4:23:47 PM



#20

Methylene Chloride
 Concen: 44.51 ug/l
 RT: 2.69 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: VU025058.D
 Acq: 29 Jun 2018 07:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.1	103.8	155.8
51	38.1	32.0	48.0
86	66.3	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 43.86 ug/l

RT: 2.97 min Scan# 739

Delta R.T. -0.02 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

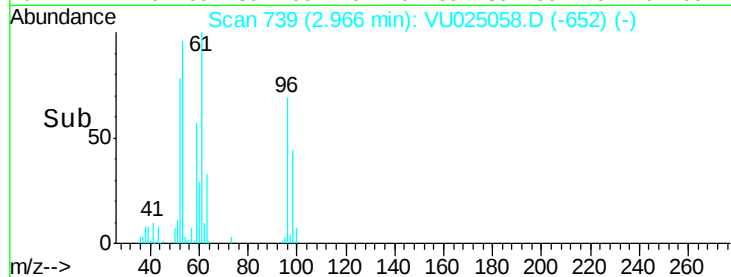
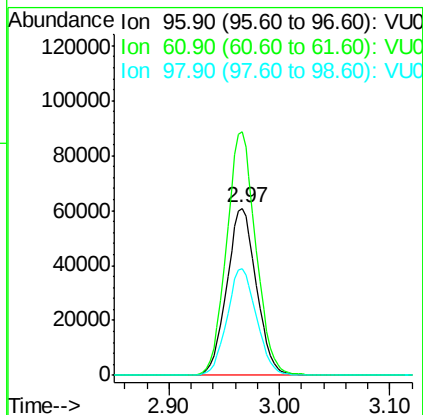
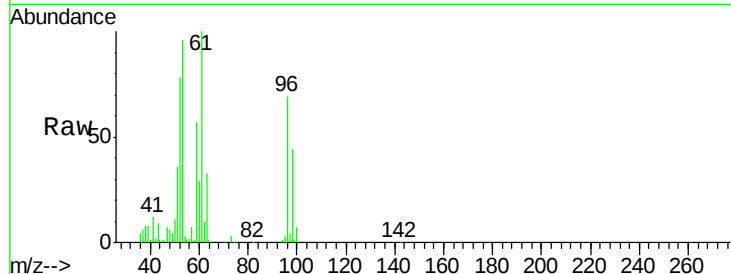
ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion:	96	Resp:	113024
Ion	Ratio	Lower	Upper
96	100		
61	145.9	119.4	179.0
98	63.8	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.79 ug/l

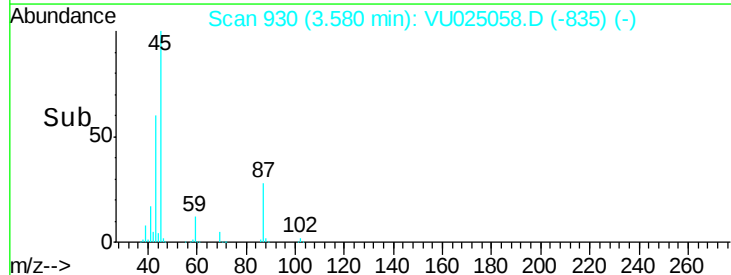
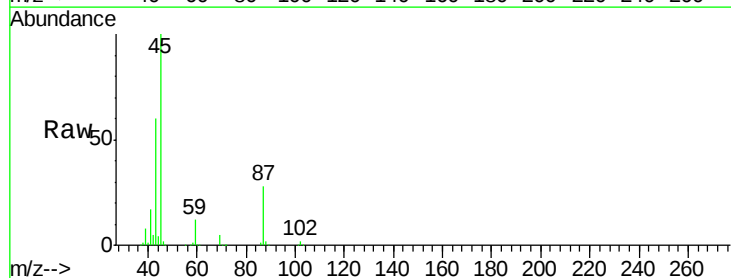
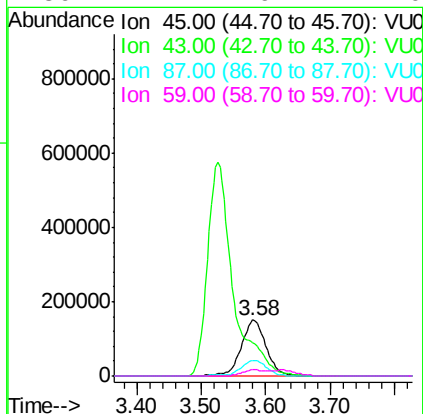
RT: 3.58 min Scan# 930

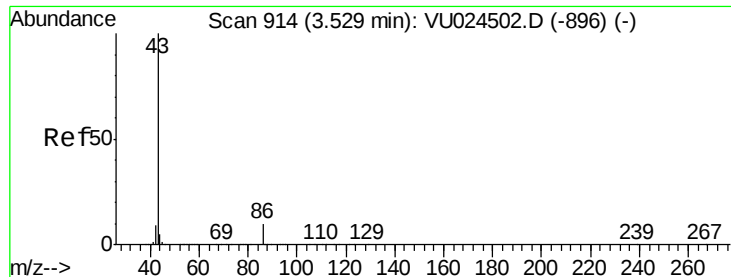
Delta R.T. 0.01 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Tgt Ion:	45	Resp:	402971
Ion	Ratio	Lower	Upper
45	100		
43	59.6	45.8	68.6
87	28.4	20.6	31.0
59	11.7	9.4	14.0





#23

Vinyl Acetate

Concen: 205.06 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion: 43 Resp: 1582044

Ion Ratio Lower Upper

43 100

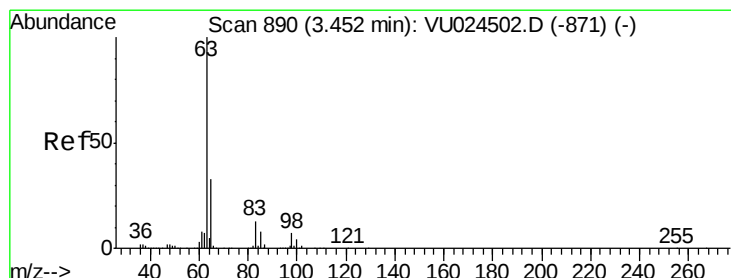
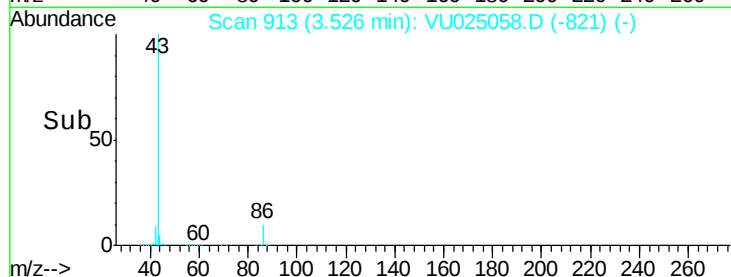
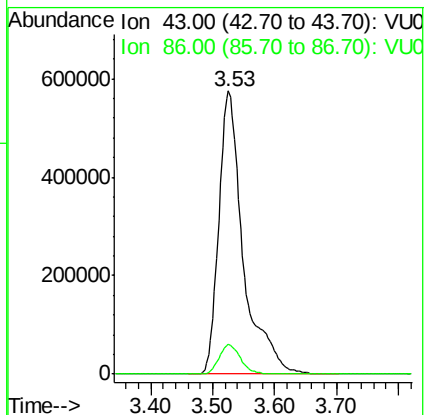
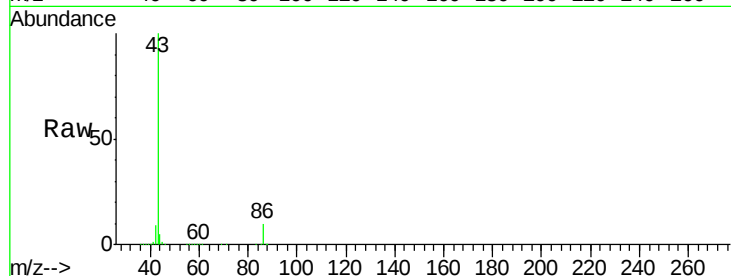
86 10.4 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 45.80 ug/l

RT: 3.44 min Scan# 885

Delta R.T. -0.02 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

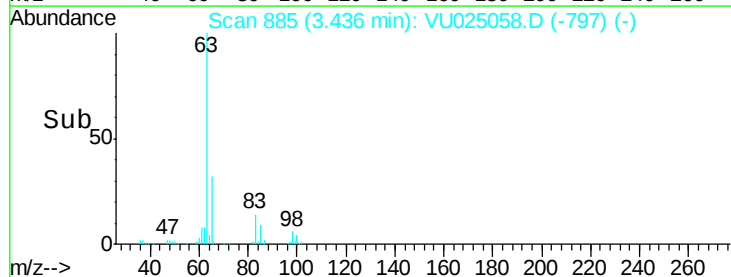
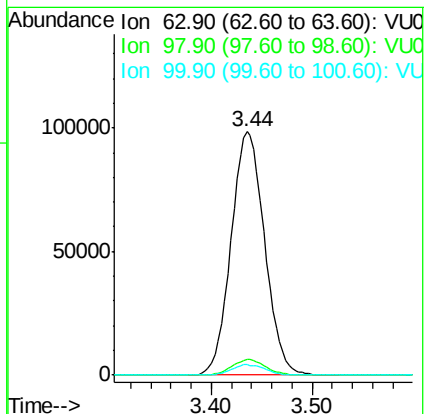
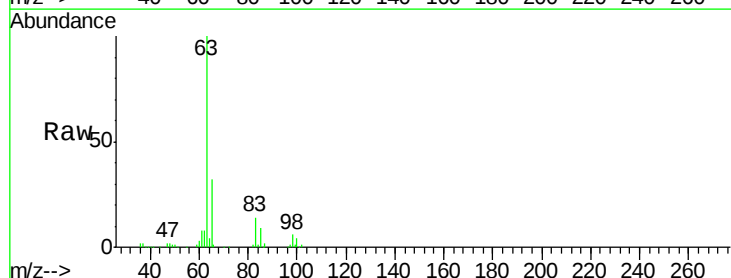
Tgt Ion: 63 Resp: 226904

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 4.2 1.8 5.5





#25

2-Butanone

Concen: 207.26 ug/l

RT: 4.28 min Scan# 1148

Delta R.T. 0.02 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion: 43 Resp: 501831

Ion Ratio Lower Upper

43 100

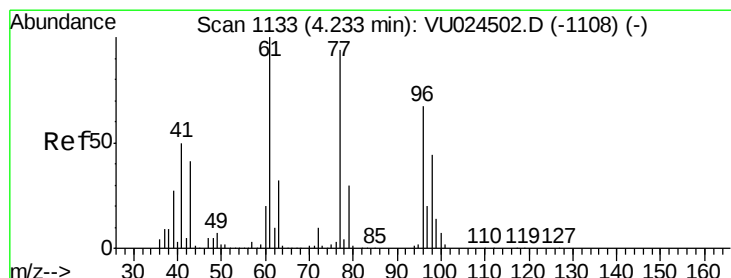
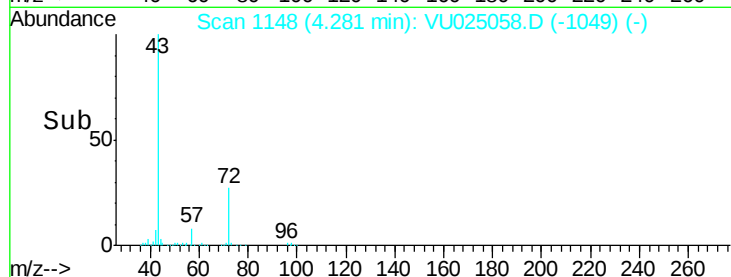
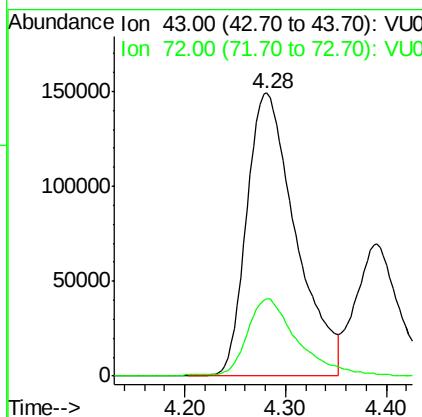
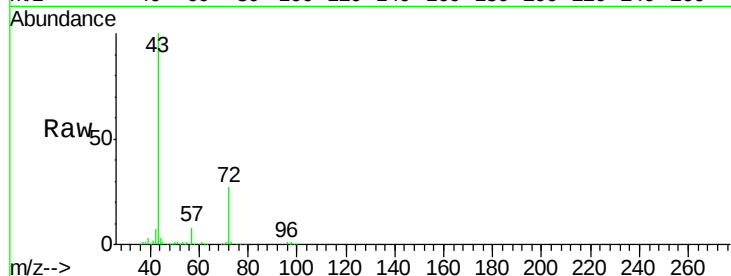
72 26.9 19.6 29.4

Manual Integrations

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6/29/2018 4:23:47 PM



#26

2,2-Dichloropropane

Concen: 28.09 ug/l

RT: 4.22 min Scan# 1128

Delta R.T. -0.02 min

Lab File: VU025058.D

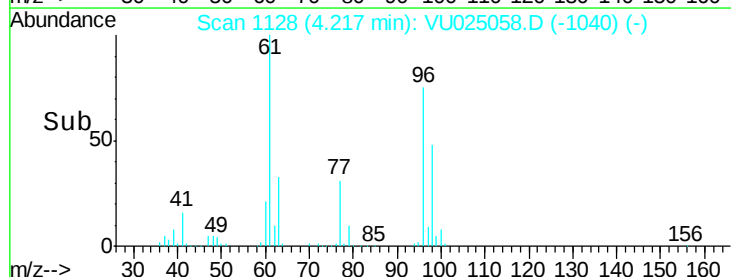
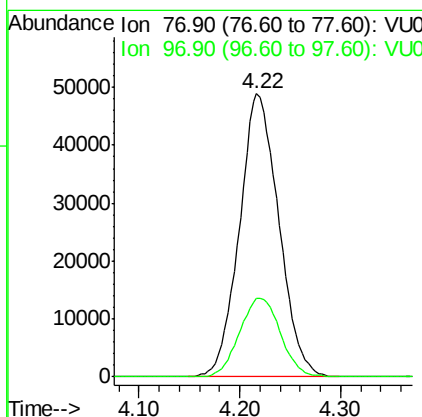
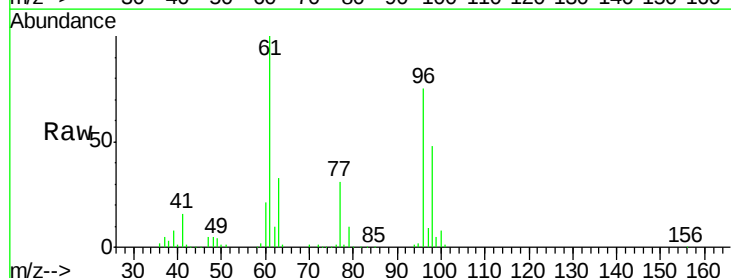
Acq: 29 Jun 2018 07:13

Tgt Ion: 77 Resp: 132157

Ion Ratio Lower Upper

77 100

97 29.0 11.3 33.8





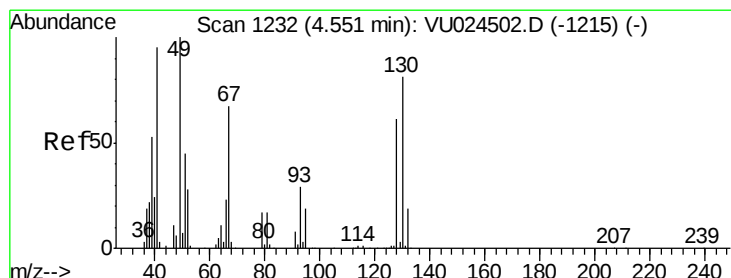
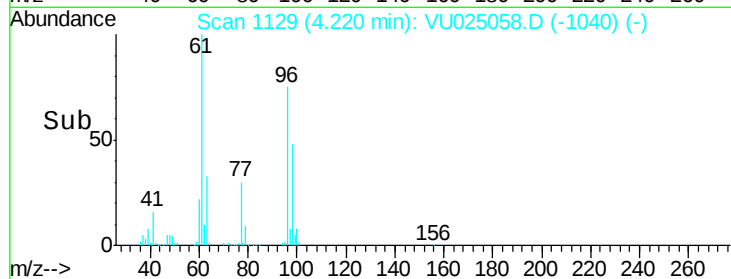
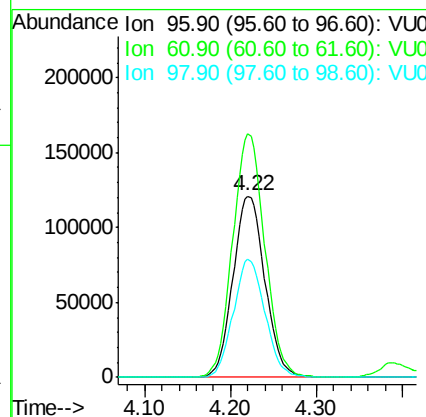
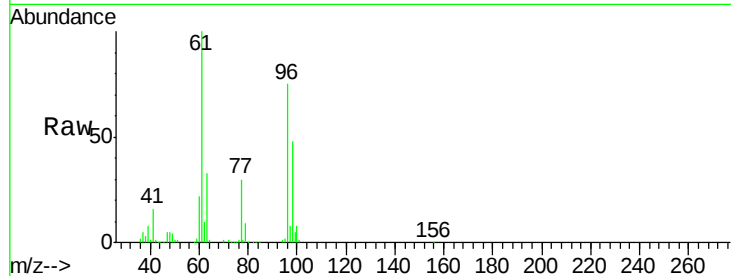
#27
 cis-1,2-Dichloroethene
 Concen: 105.22 ug/l
 RT: 4.22 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: VU025058.D
 Acq: 29 Jun 2018 07:13

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB489-21-23-180622MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	135.4	0.0	306.6	
98	64.6	0.0	128.8	

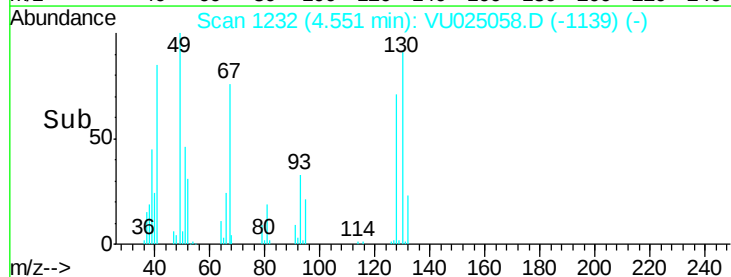
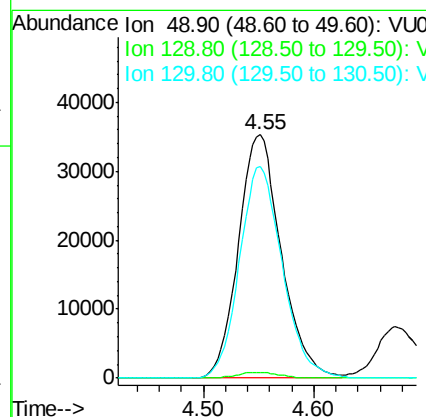
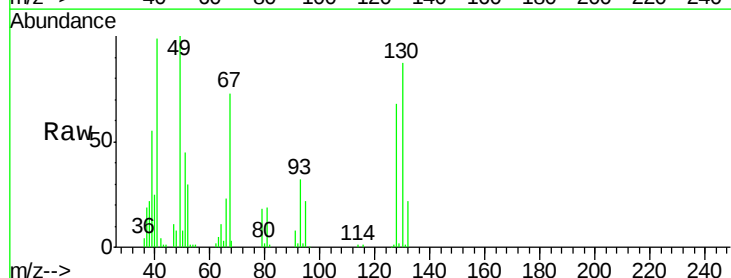
Manual Integrations
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#28
 Bromochloromethane
 Concen: 43.44 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU025058.D
 Acq: 29 Jun 2018 07:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	3.8	
130	87.0	57.8	86.6#	





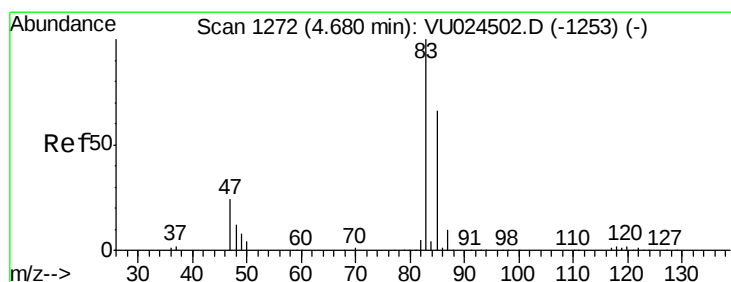
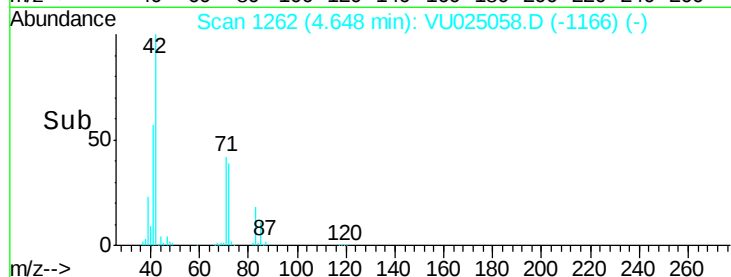
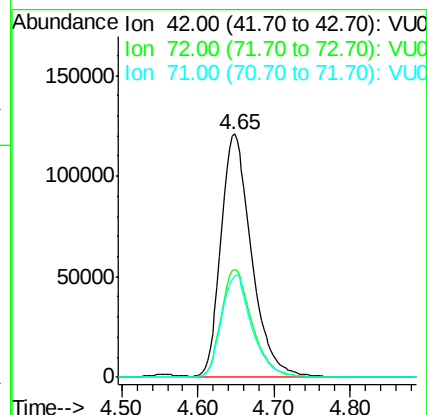
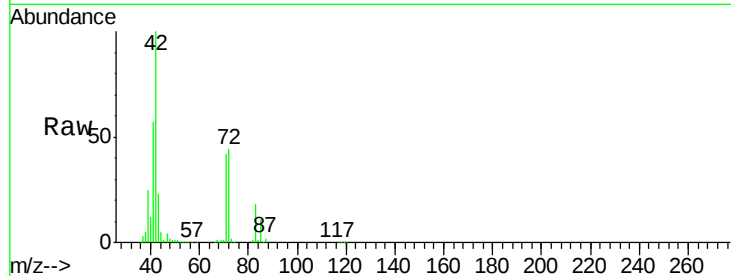
#29
Tetrahydrofuran
Concen: 224.50 ug/l
RT: 4.65 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Instrument :
MSVOA_U
ClientSampleId :
WP021SB489-21-23-180622MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	34.5	51.7
71	42.1	32.2	48.4

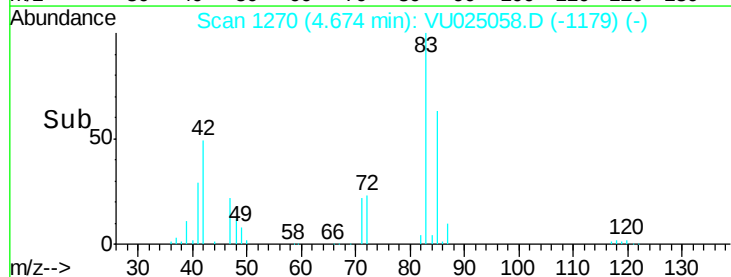
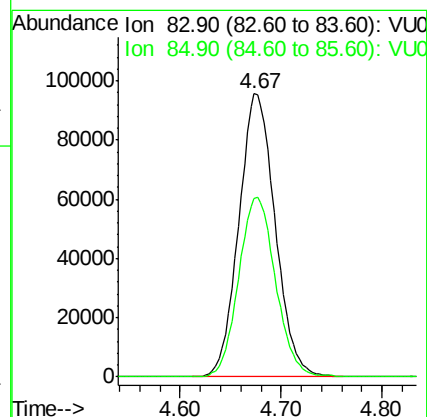
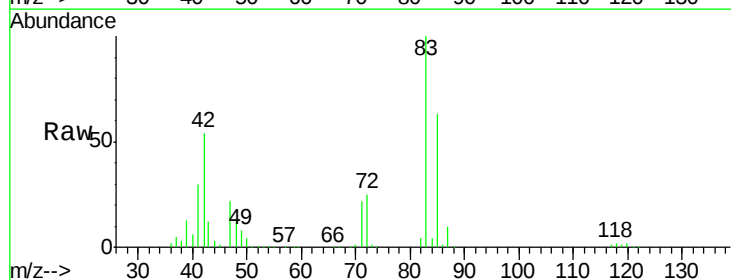
Manual Integrations
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#30
Chloroform
Concen: 47.69 ug/l
RT: 4.67 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.4	78.6





#31

Cyclohexane

Concen: 43.07 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.02 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

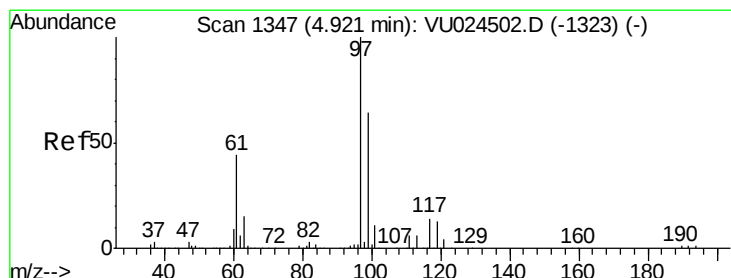
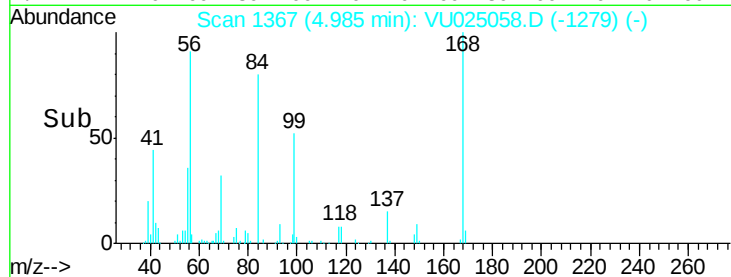
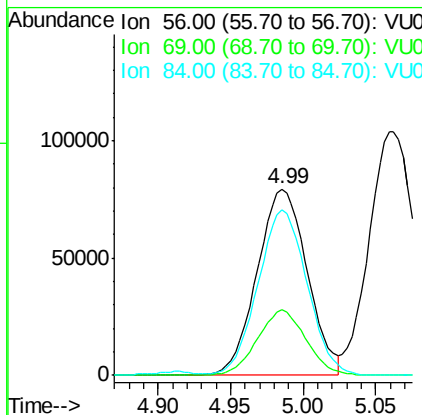
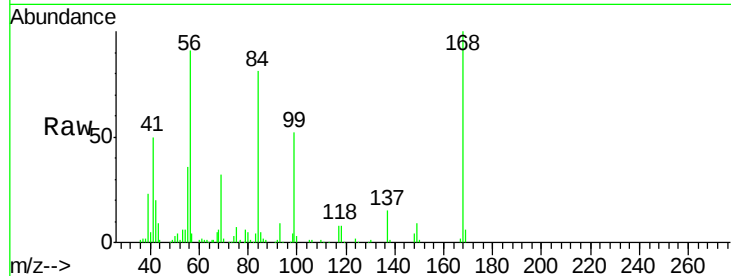
ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion:	56	Resp:	190691
Ion Ratio	Lower	Upper	
56	100		
69	35.0	24.8	37.2
84	87.1	65.2	97.8

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#32

1,1,1-Trichloroethane

Concen: 46.54 ug/l

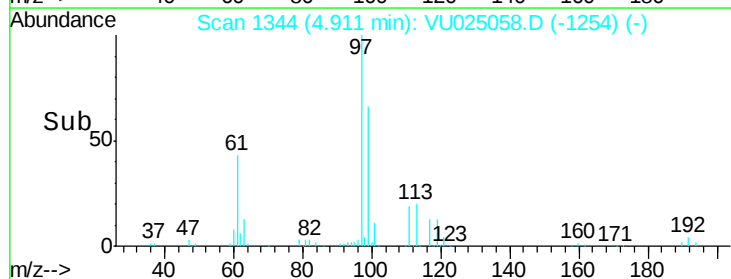
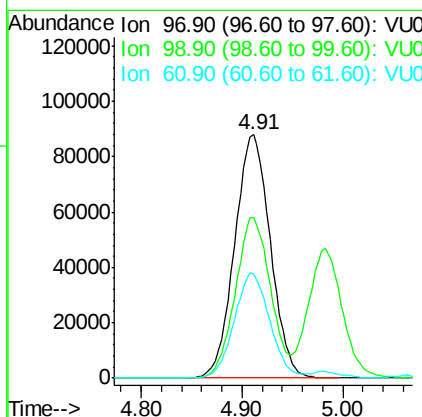
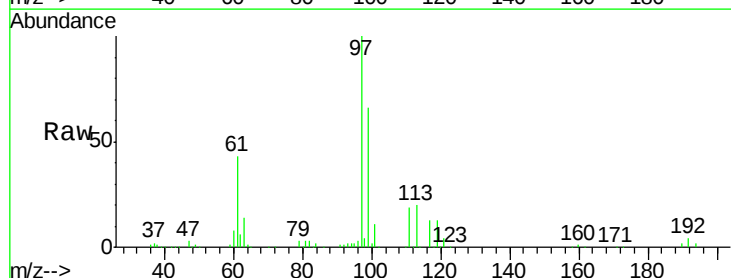
RT: 4.91 min Scan# 1344

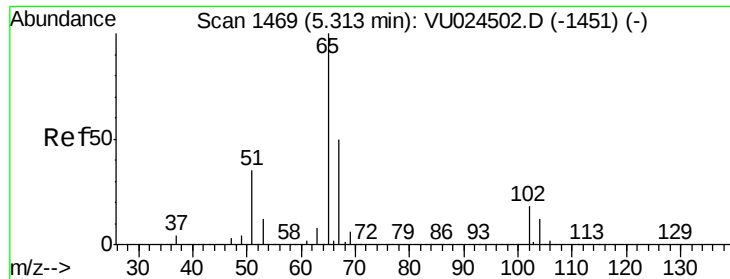
Delta R.T. -0.01 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Tgt Ion:	97	Resp:	215822
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.0	76.6
61	42.8	39.4	59.0





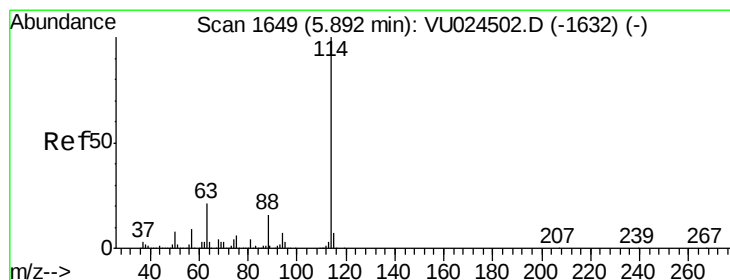
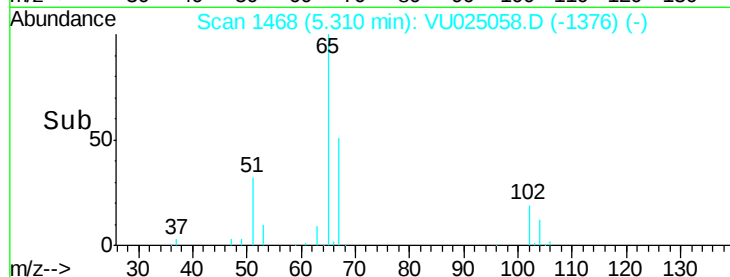
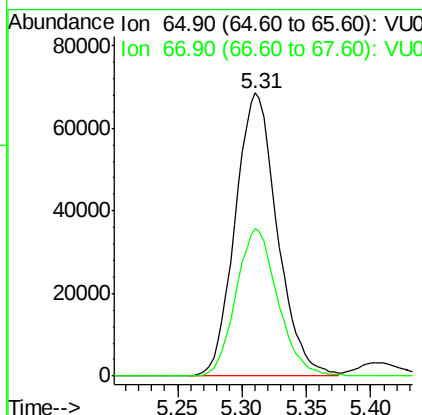
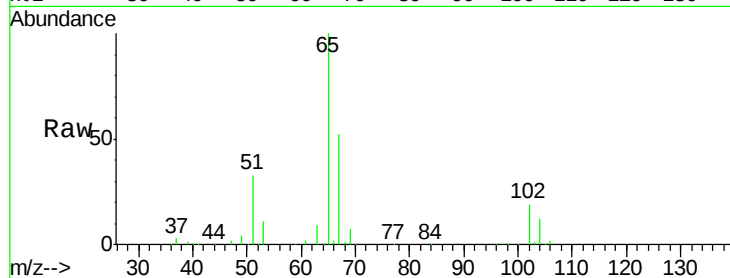
#33
 1,2-Dichloroethane-d4
 Concen: 46.48 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025058.D
 Acq: 29 Jun 2018 07:13

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB489-21-23-180622MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	155922		
67	51.6	0.0	107.0	

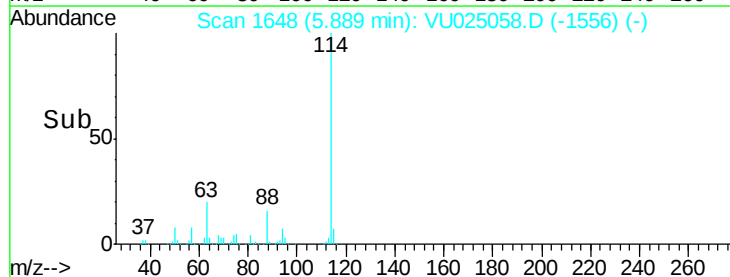
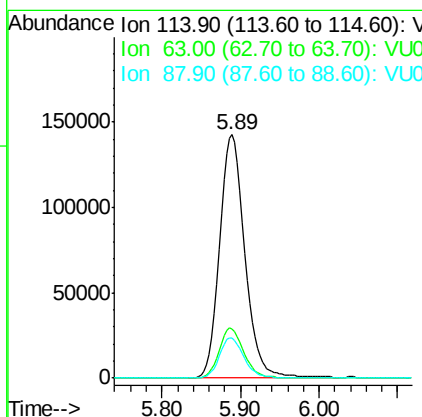
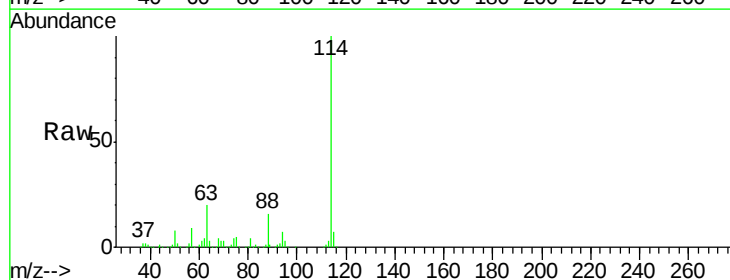
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025058.D
 Acq: 29 Jun 2018 07:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	316003		
63	20.3	0.0	45.4	
88	16.4	0.0	31.0	





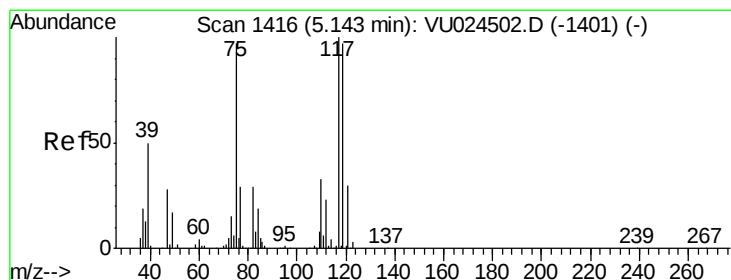
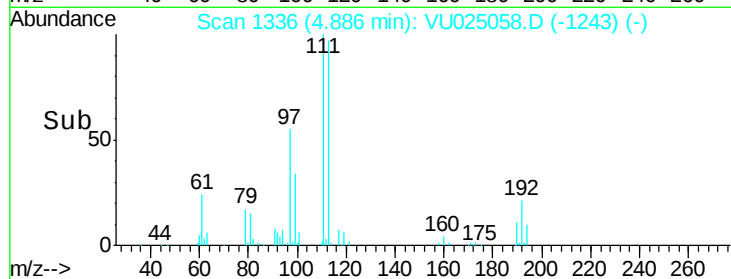
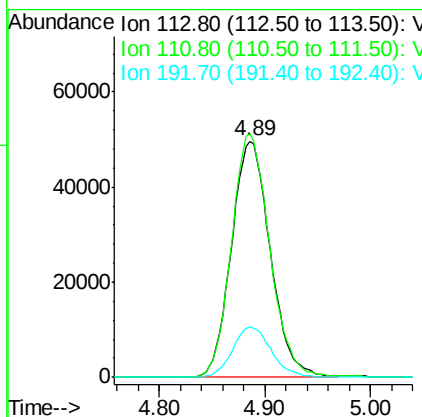
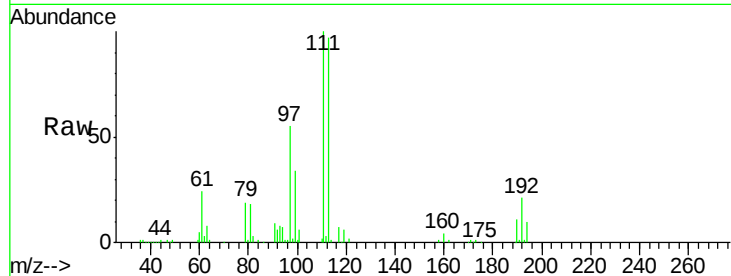
#35
 Dibromofluoromethane
 Concen: 48.44 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025058.D
 Acq: 29 Jun 2018 07:13

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB489-21-23-180622MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127046		
111	101.5	82.2	123.4	
192	21.3	16.2	24.4	

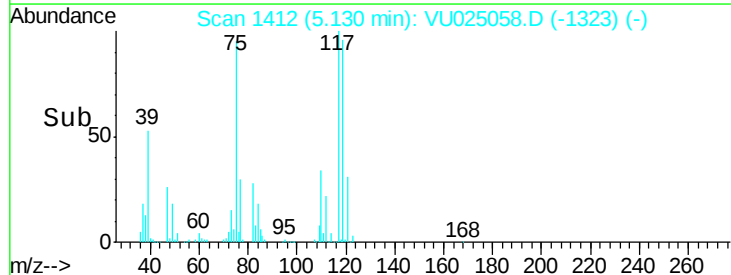
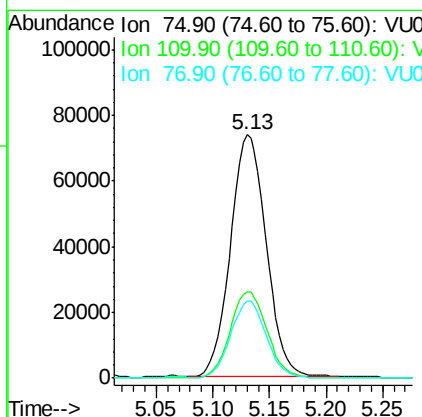
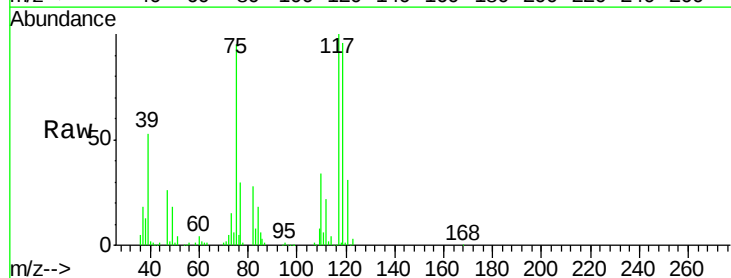
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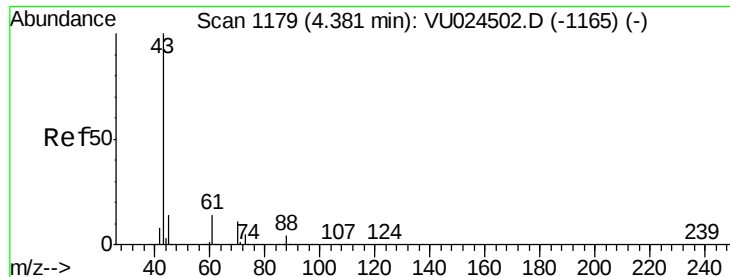
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#36
 1,1-Dichloropropene
 Concen: 43.75 ug/l
 RT: 5.13 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: VU025058.D
 Acq: 29 Jun 2018 07:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	162448		
110	36.9	17.0	50.9	
77	31.2	24.2	36.4	





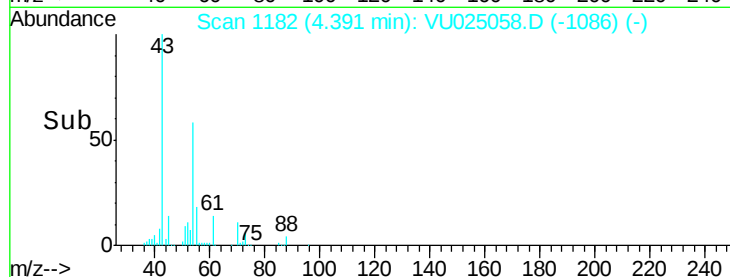
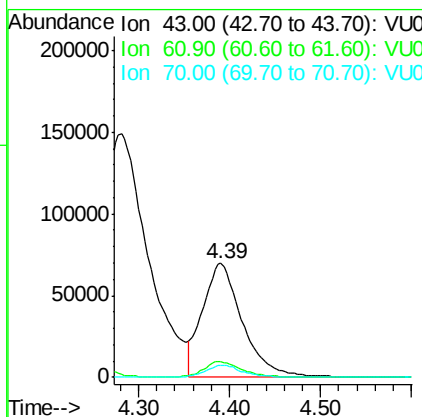
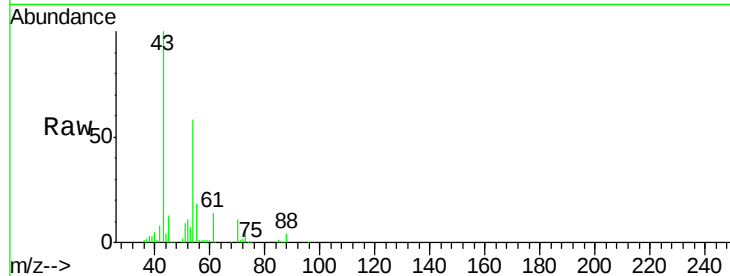
#37
Ethyl Acetate
Concen: 51.67 ug/l
RT: 4.39 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Instrument :
MSVOA_U
ClientSampleId :
WP021SB489-21-23-180622MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.5	15.7
70	10.1	7.4	11.2

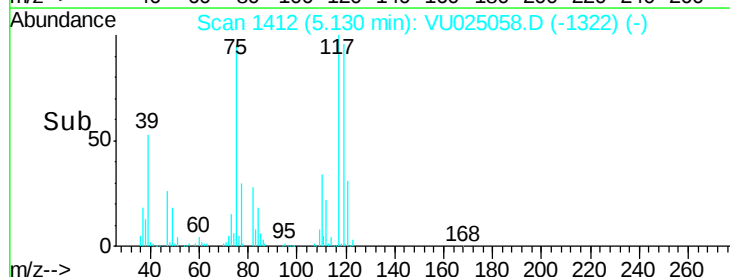
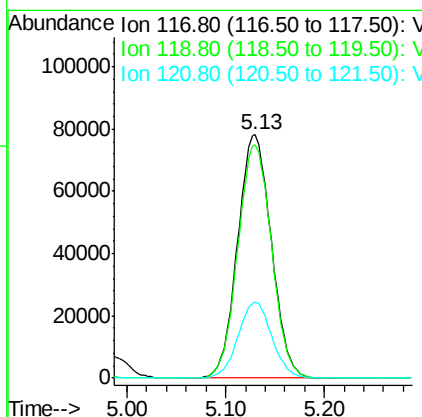
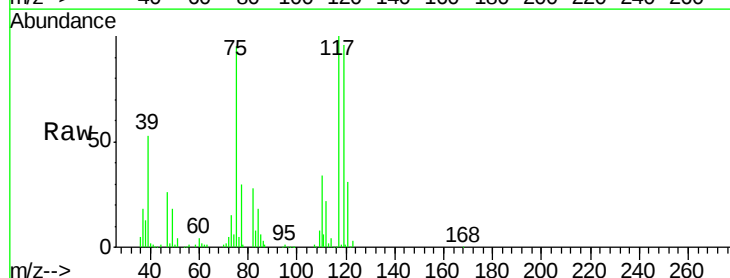
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#38
Carbon Tetrachloride
Concen: 45.35 ug/l
RT: 5.13 min Scan# 1412
Delta R.T. -0.01 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.1	114.1
121	31.1	23.7	35.5





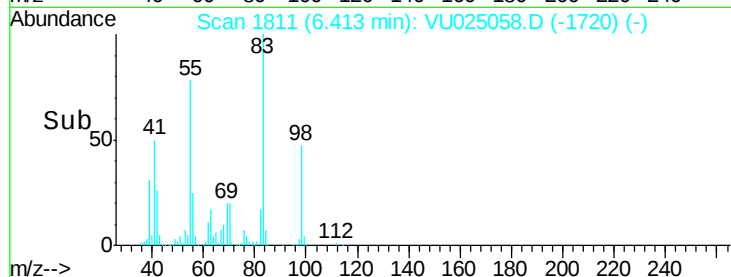
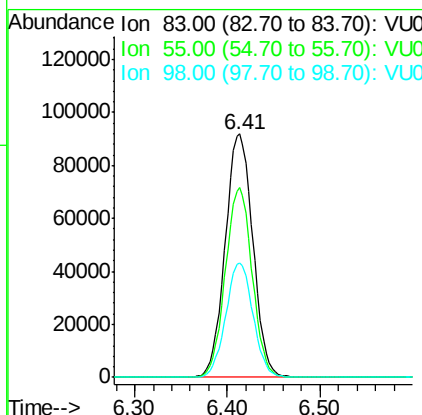
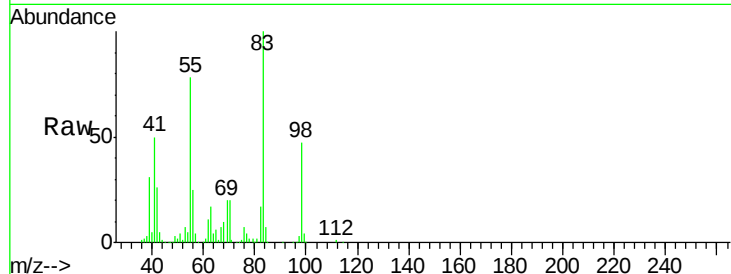
#39
Methvlcvclohexane
Concen: 41.05 ug/l
RT: 6.41 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Instrument :
MSVOA_U
ClientSampleId :
WP021SB489-21-23-180622MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	65.8	98.6
98	47.2	36.7	55.1

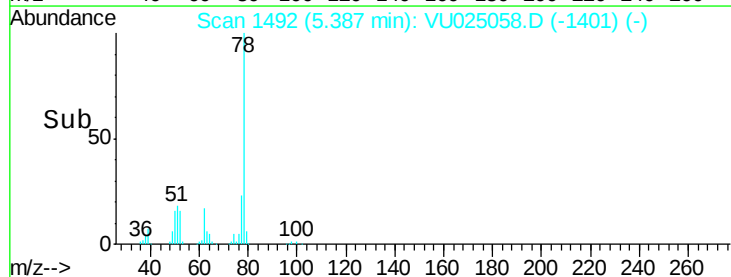
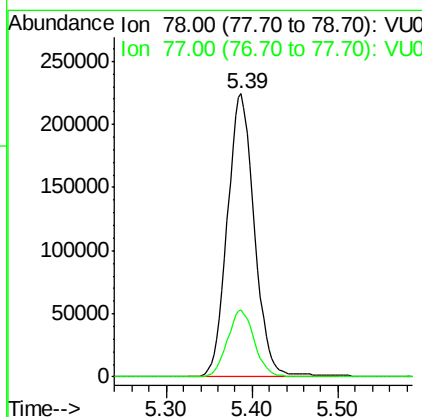
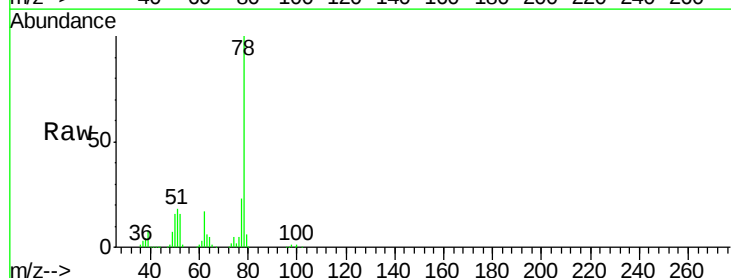
Manual Integrations
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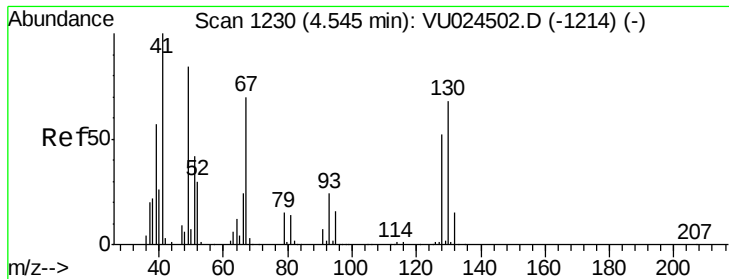
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#40
Benzene
Concen: 46.44 ug/l
RT: 5.39 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.2	28.8





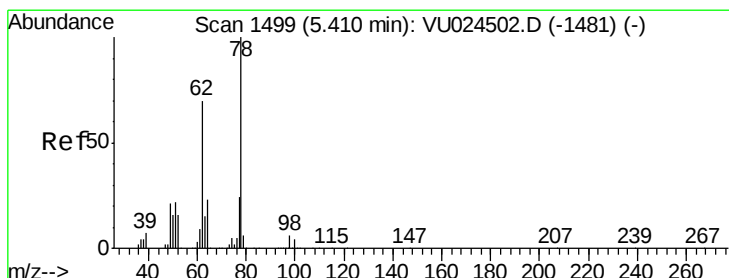
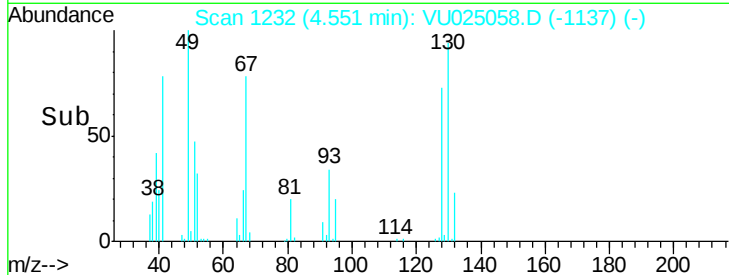
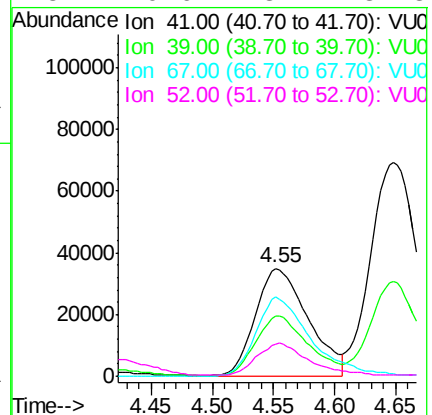
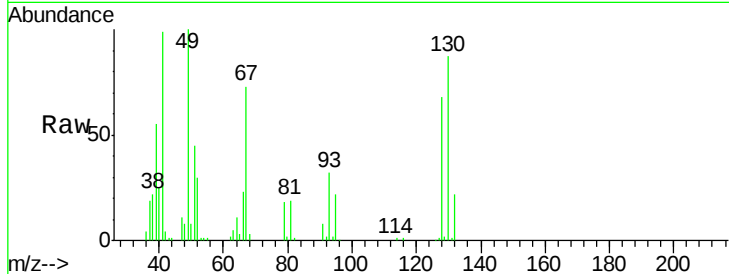
#41
Methacrylonitrile
Concen: 47.89 ug/l
RT: 4.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Instrument :
MSVOA_U
ClientSampleId :
WP021SB489-21-23-180622MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	43.8	65.6	
67	77.1	56.3	84.5	
52	29.6	23.2	34.8	

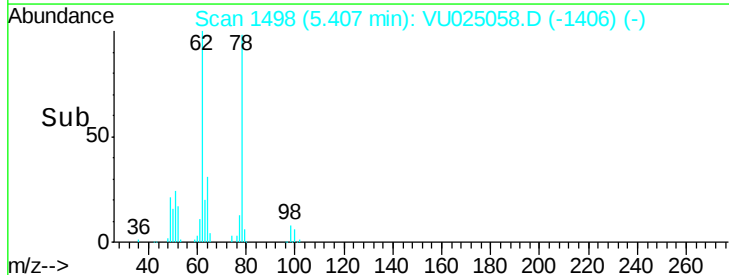
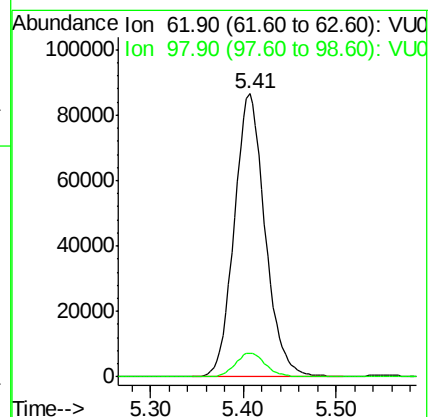
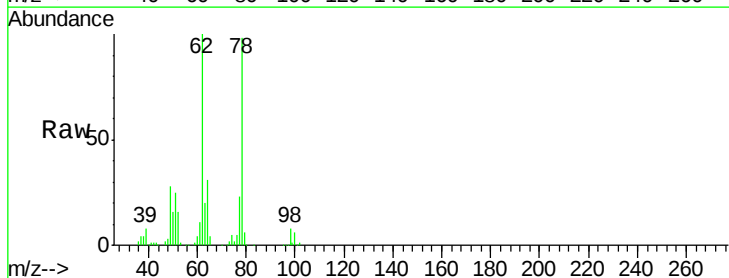
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#42
1,2-Dichloroethane
Concen: 49.40 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	16.6	





#43

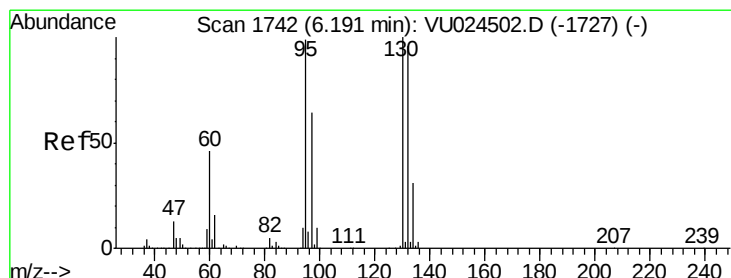
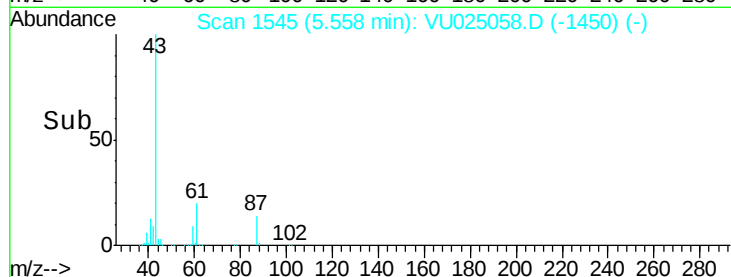
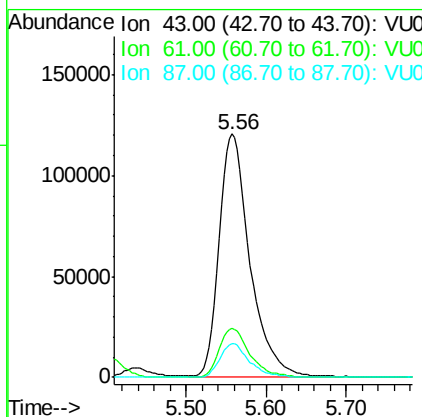
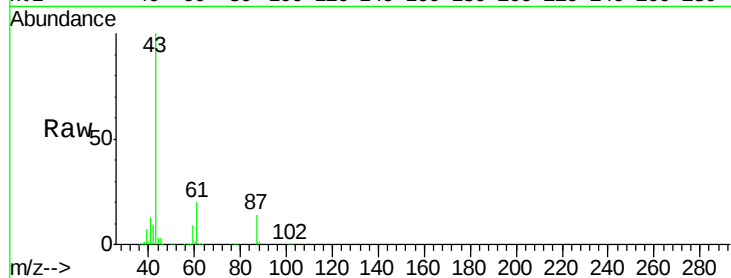
Isopropyl Acetate
 Concen: 45.49 ug/l
 RT: 5.56 min Scan# 1545
 Delta R.T. 0.01 min
 Lab File: VU025058.D
 Acq: 29 Jun 2018 07:13

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB489-21-23-180622MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.4	23.0
87	13.4	10.0	15.0

Manual Integrations
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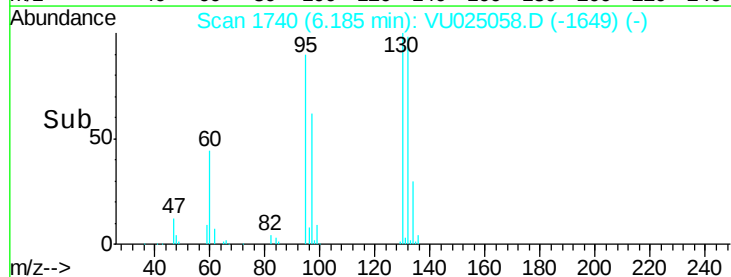
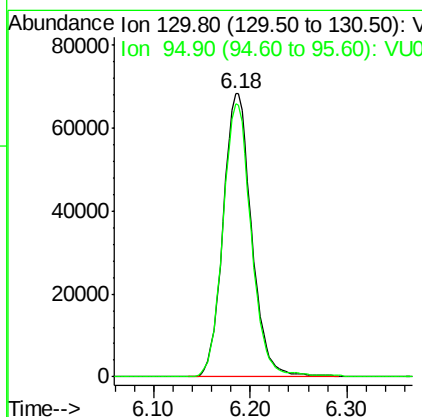
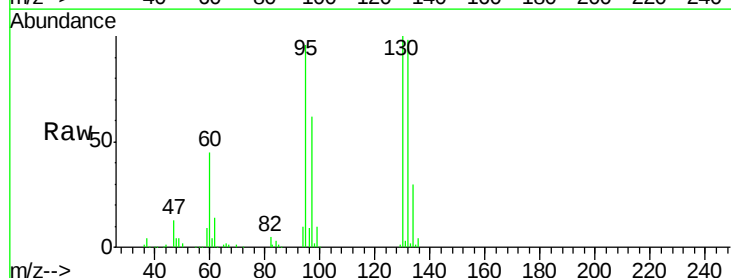
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#44

Trichloroethene
 Concen: 46.33 ug/l
 RT: 6.18 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: VU025058.D
 Acq: 29 Jun 2018 07:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	202.4





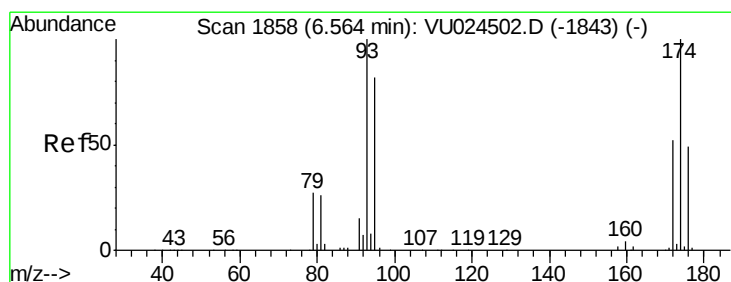
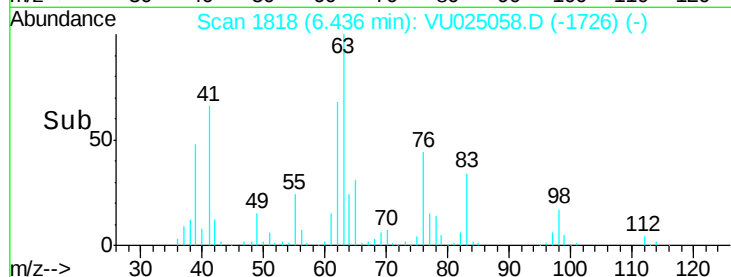
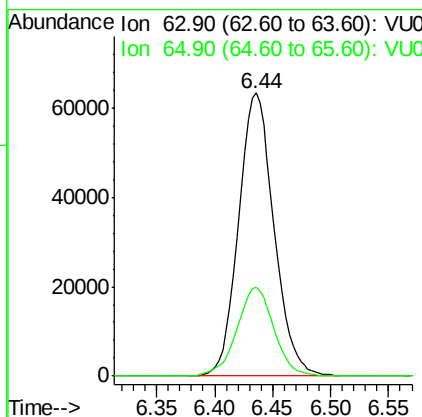
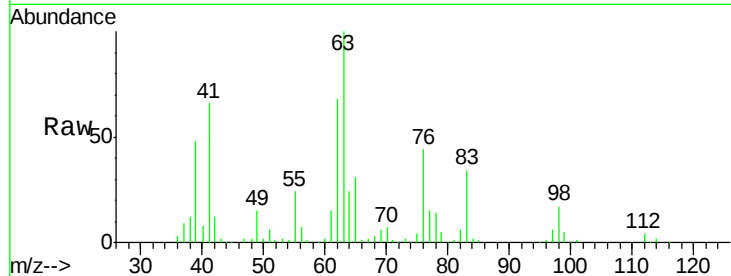
#45
 1,2-Dichloropropane
 Concen: 47.70 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025058.D
 Acq: 29 Jun 2018 07:13

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB489-21-23-180622MSD

Tot Ion: 63 Resp: 134664
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.8 37.2

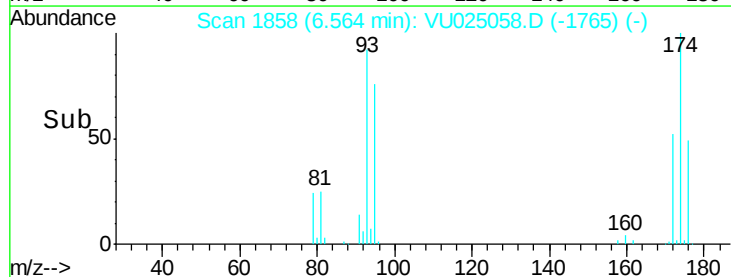
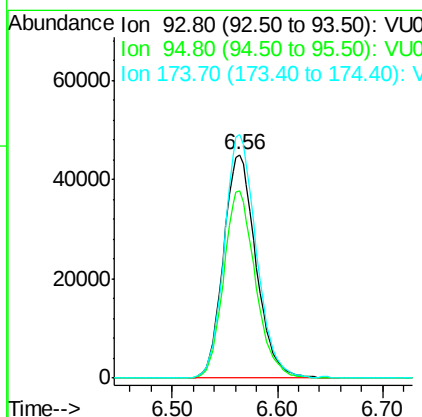
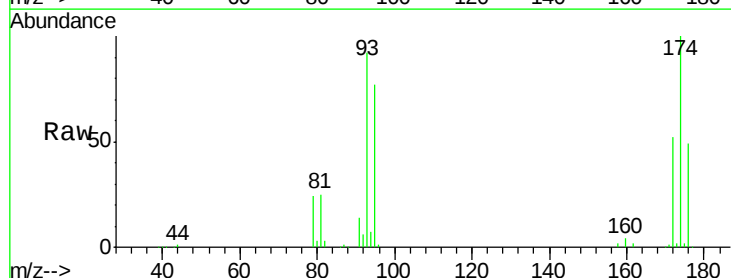
Manual Integrations
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#46
 Dibromomethane
 Concen: 48.45 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU025058.D
 Acq: 29 Jun 2018 07:13

Tgt Ion: 93 Resp: 96081
 Ion Ratio Lower Upper
 93 100
 95 81.7 65.5 98.3
 174 107.2 78.7 118.1





#47

Bromodichloromethane

Concen: 46.91 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

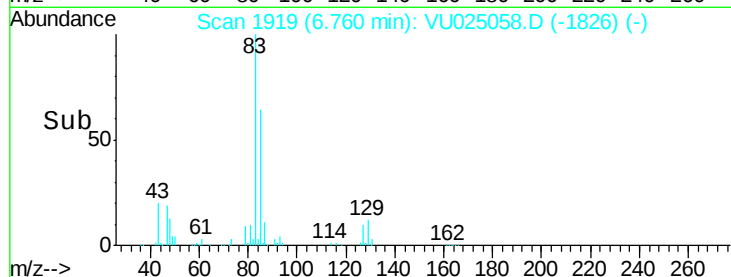
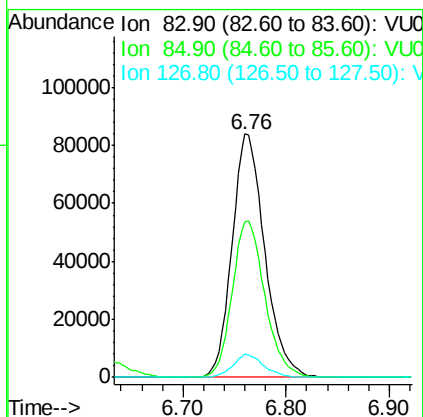
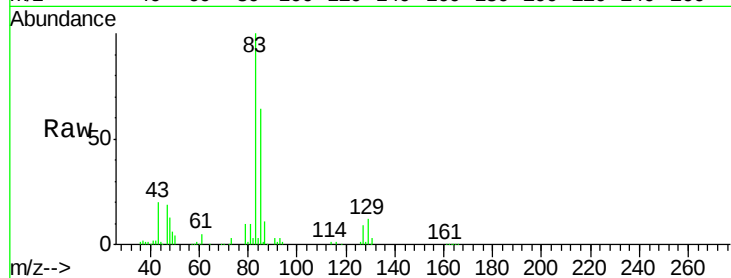
ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion:	83	Resp:	185239
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.9	77.9
127	9.4	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.78 ug/l

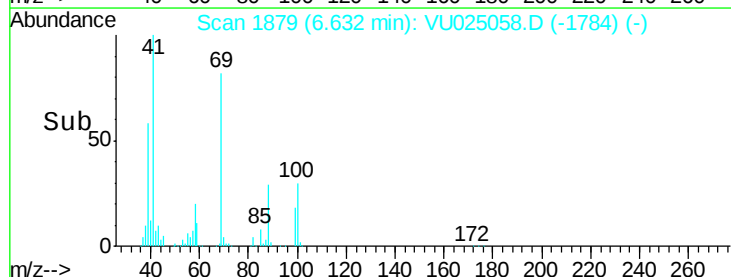
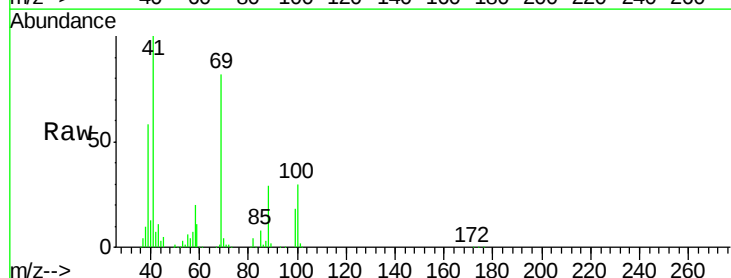
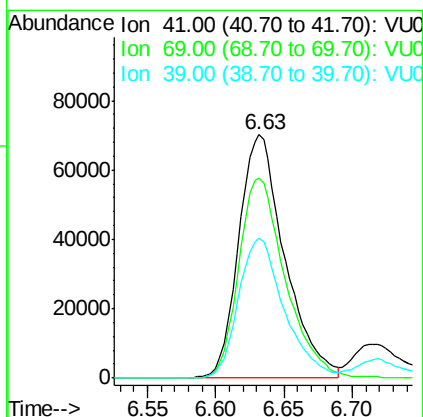
RT: 6.63 min Scan# 1879

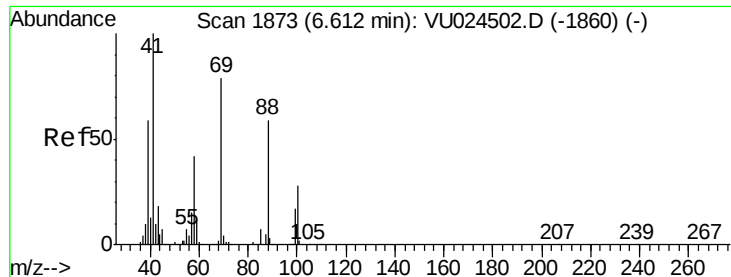
Delta R.T. 0.01 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Tgt Ion:	41	Resp:	162763
Ion	Ratio	Lower	Upper
41	100		
69	83.8	67.3	100.9
39	57.7	46.5	69.7





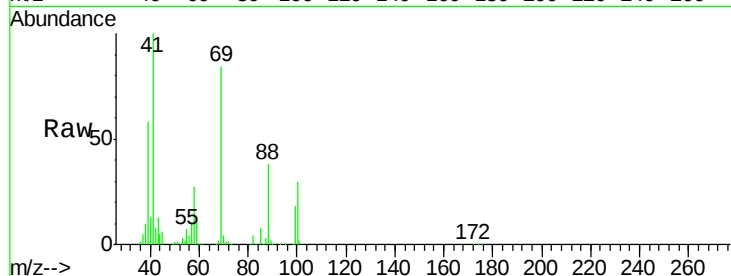
#49
1,4-Dioxane
Concen: 1080.14 ug/l
RT: 6.64 min Scan# 1882
Delta R.T. 0.03 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Instrument :
MSVOA_U
ClientSampleId :
WP021SB489-21-23-180622MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	28.6	42.8
58	70.8	58.2	87.4

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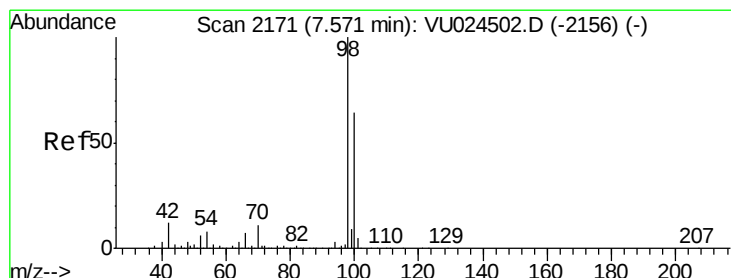
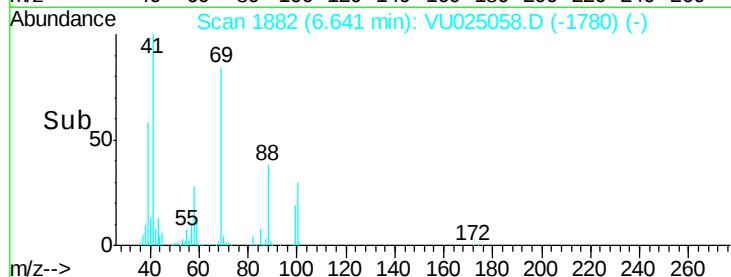
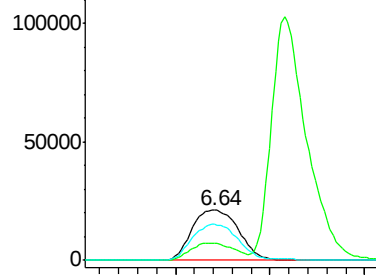
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Abundance Ion 88.00 (87.70 to 88.70): VU025058.D (-1882) (-)

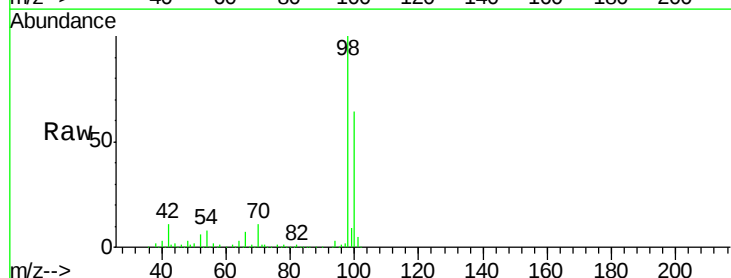
Ion 43.00 (42.70 to 43.70): VU025058.D (-1882) (-)

Ion 58.00 (57.70 to 58.70): VU025058.D (-1882) (-)



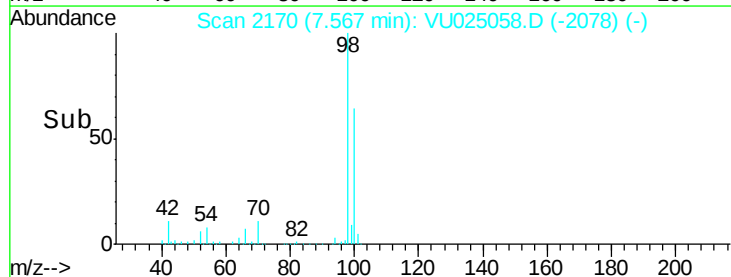
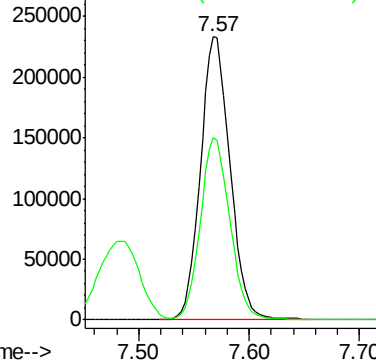
#50
Toluene-d8
Concen: 45.42 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

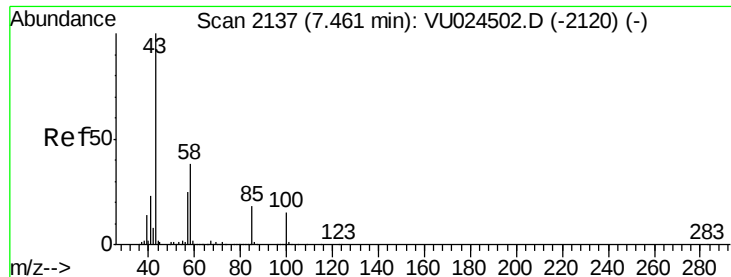
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.1	76.7



Abundance Ion 98.00 (97.70 to 98.70): VU025058.D (-2171) (-)

Ion 100.00 (99.70 to 100.70): VU025058.D (-2171) (-)





#51

4-Methyl-2-Pentanone

Concen: 242.80 ug/l

RT: 7.48 min Scan# 2144

Delta R.T. 0.02 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion: 43 Resp: 1067123

Ion Ratio Lower Upper

43 100

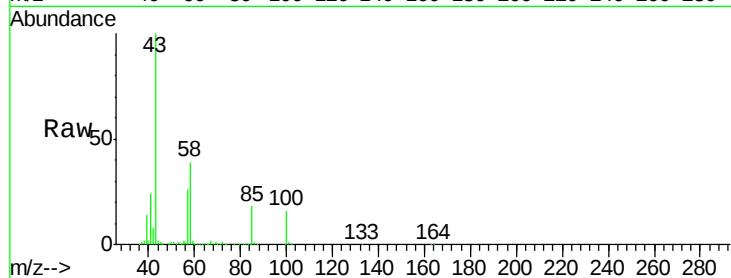
58 39.3 30.0 45.0

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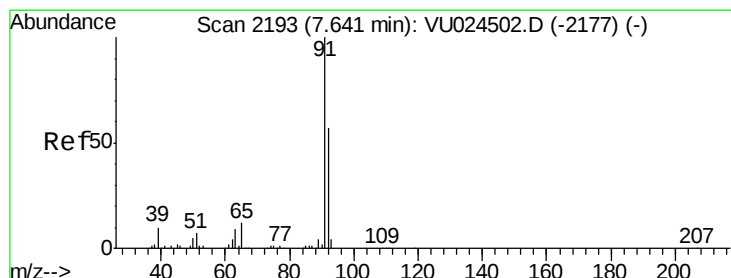
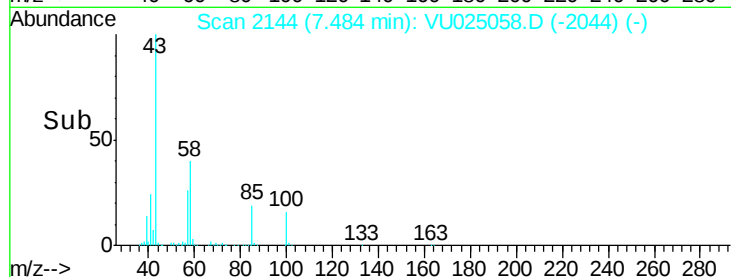
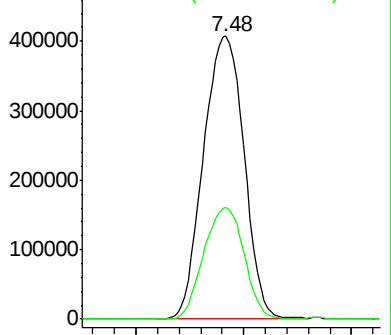
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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 47.29 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025058.D

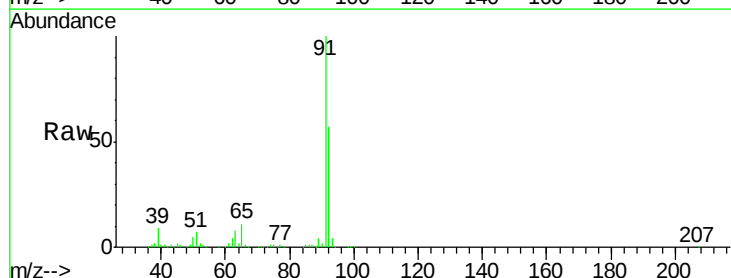
Acq: 29 Jun 2018 07:13

Tgt Ion: 92 Resp: 321942

Ion Ratio Lower Upper

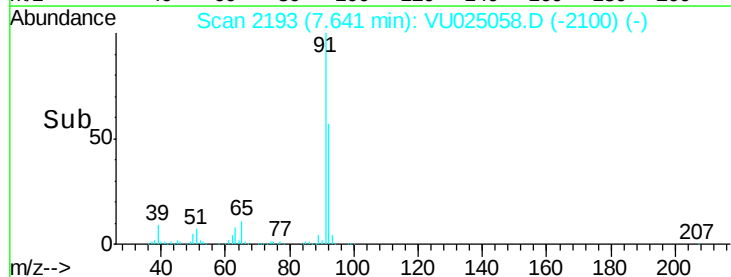
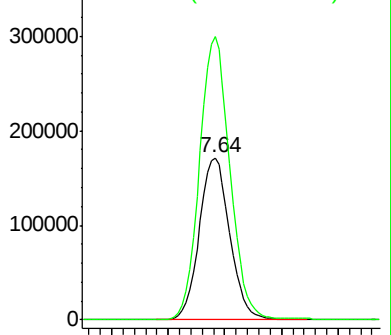
92 100

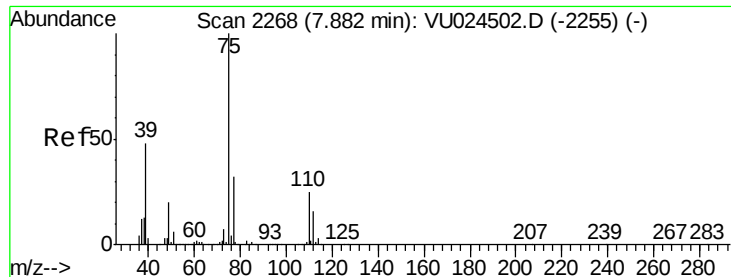
91 174.7 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0





#53

t-1,3-Dichloropropene

Concen: 43.80 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion: 75 Resp: 194237

Ion Ratio Lower Upper

75 100

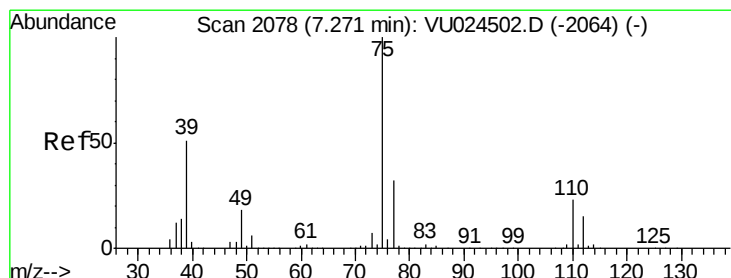
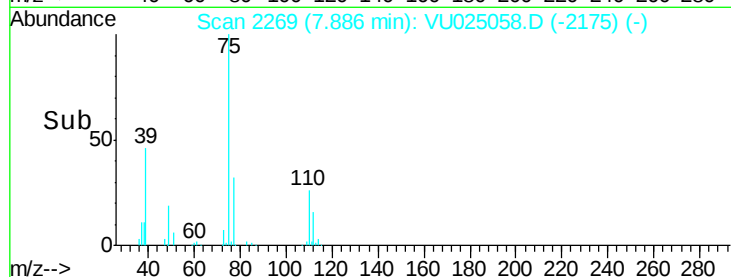
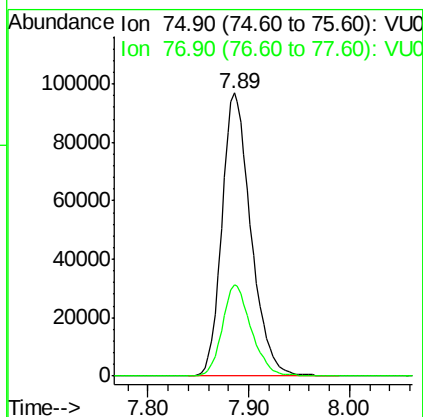
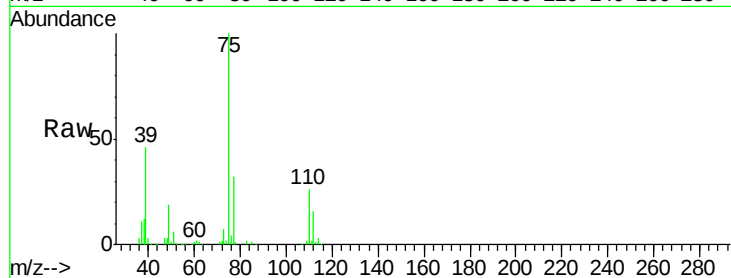
77 32.4 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 42.60 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

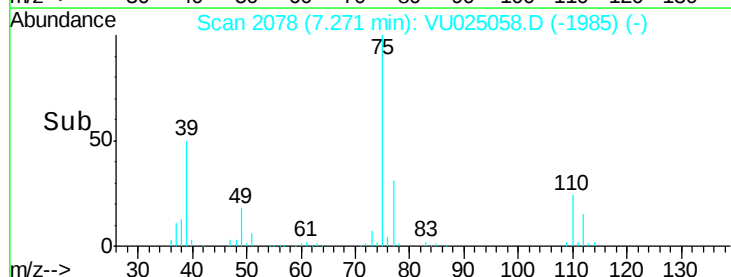
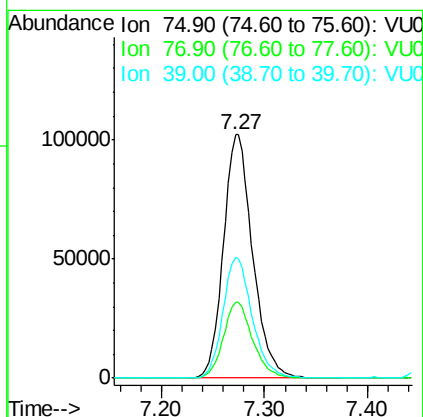
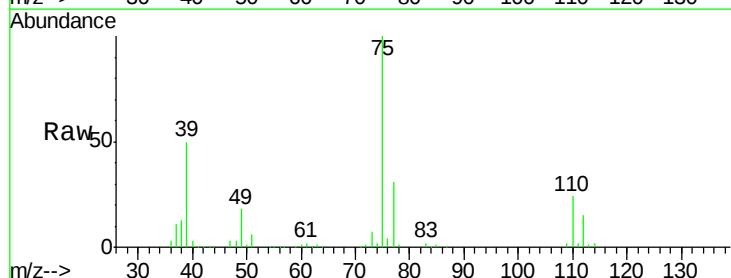
Tgt Ion: 75 Resp: 201297

Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8

39 49.6 39.8 59.6





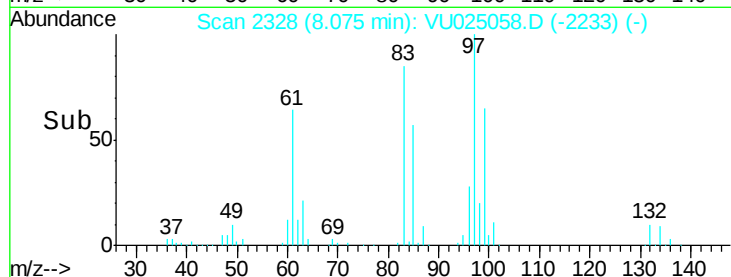
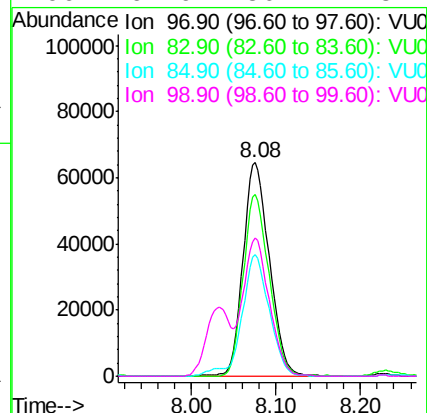
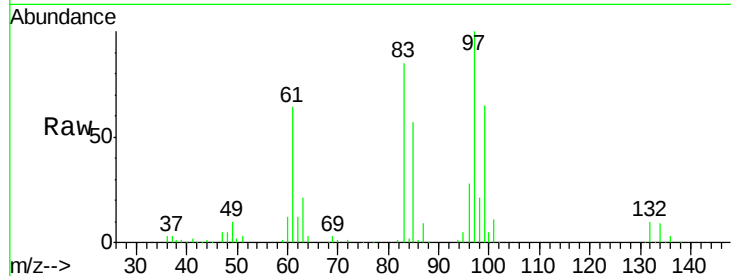
#55
1,1,2-Trichloroethane
Concen: 50.77 ug/l
RT: 8.08 min Scan# 2328
Delta R.T. 0.01 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Instrument :
MSVOA_U
ClientSampleId :
WP021SB489-21-23-180622MSD

Tot Ion:	97	Resp:	140484
Ion	Ratio	Lower	Upper
97	100		
83	84.9	70.5	105.7
85	57.1	46.4	69.6
99	64.9	50.2	75.2

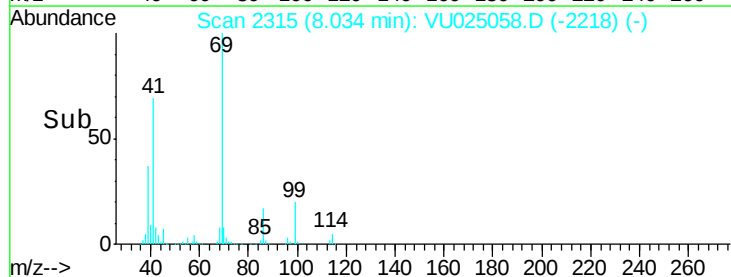
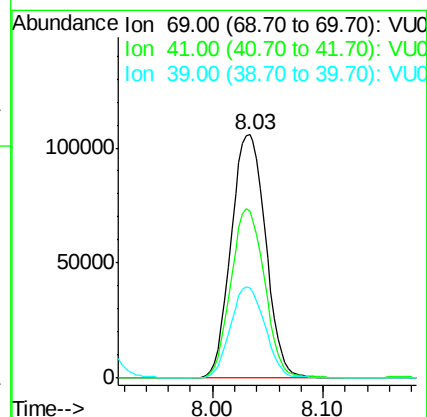
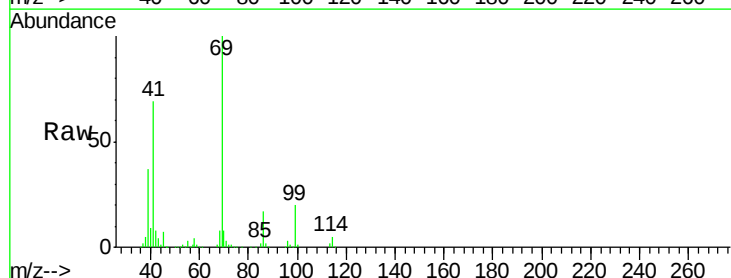
Manual Integrations
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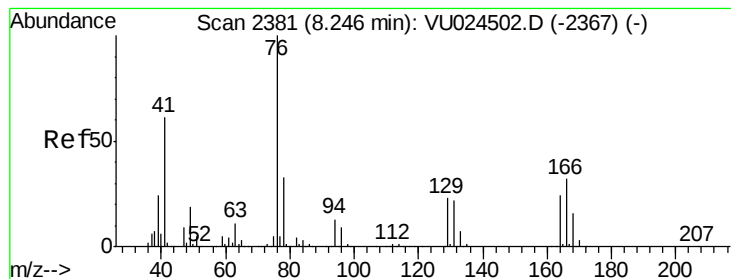
MMDadoda
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#56
Ethyl methacrylate
Concen: 49.65 ug/l
RT: 8.03 min Scan# 2315
Delta R.T. 0.01 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Tgt Ion:	69	Resp:	229968
Ion	Ratio	Lower	Upper
69	100		
41	67.6	54.1	81.1
39	37.3	30.3	45.5





#57

1,3-Dichloropropane

Concen: 49.88 ug/l

RT: 8.25 min Scan# 2382

Delta R.T. 0.00 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Tot Ion: 76 Resp: 232830

Ion Ratio Lower Upper

76 100

78 32.1 25.2 37.8

Instrument :

MSVOA_U

ClientSampleId :

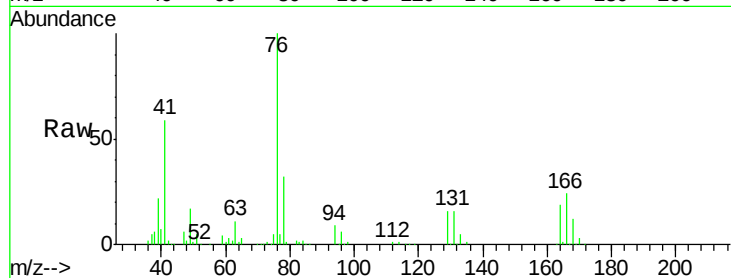
WP021SB489-21-23-180622MSD

Manual Integrations

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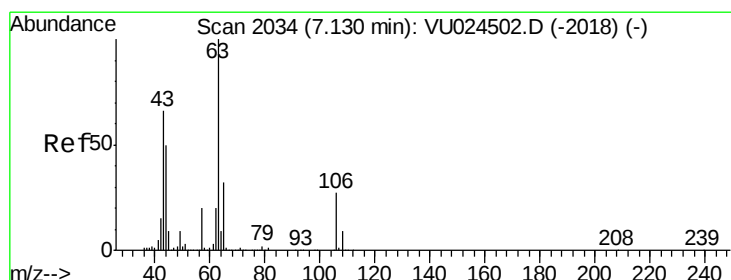
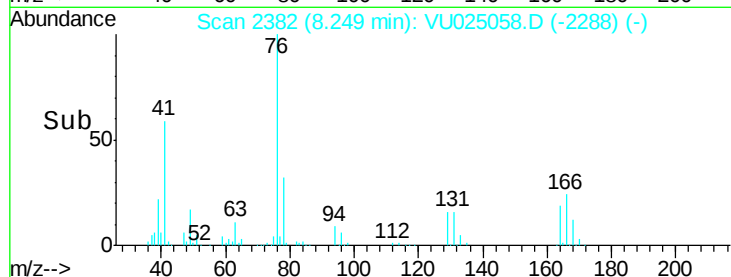
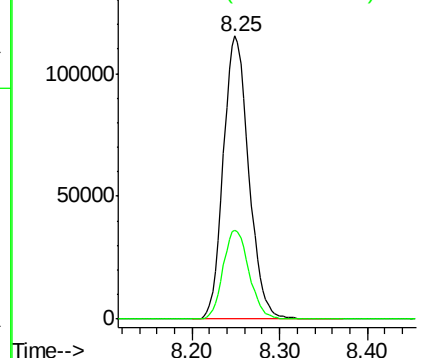
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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 38.77 ug/l

RT: 7.13 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU025058.D

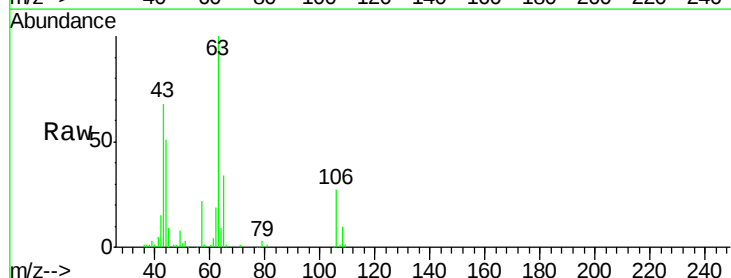
Acq: 29 Jun 2018 07:13

Tgt Ion: 63 Resp: 68785

Ion Ratio Lower Upper

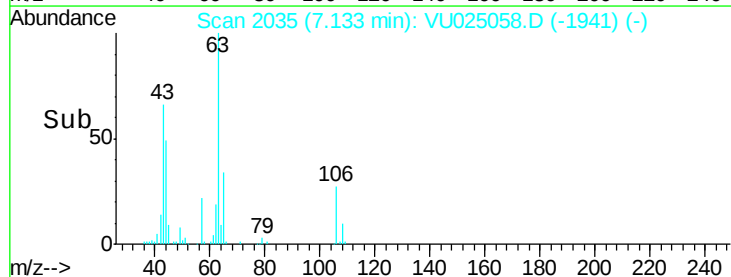
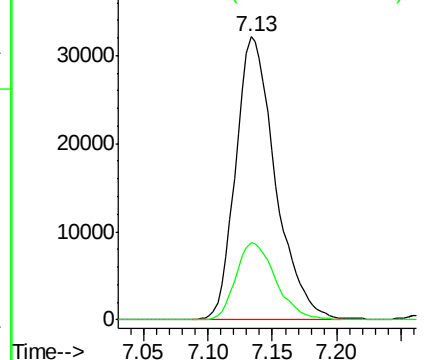
63 100

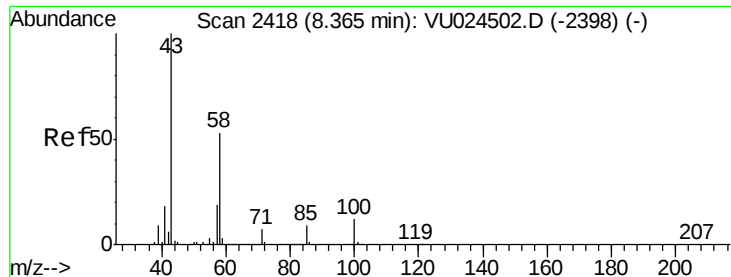
106 27.4 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V





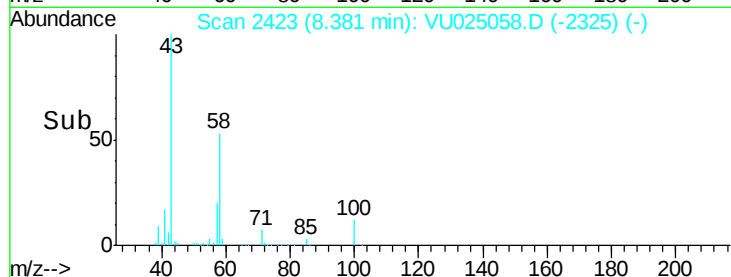
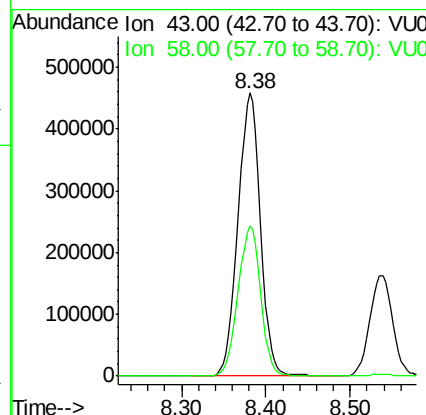
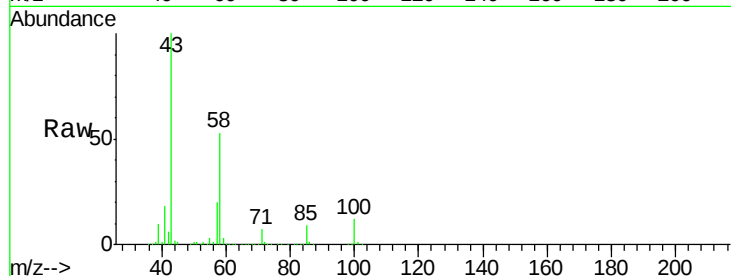
#59
2-Hexanone
Concen: 238.08 ug/l
RT: 8.38 min Scan# 2423
Delta R.T. 0.02 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Instrument :
MSVOA_U
ClientSampleId :
WP021SB489-21-23-180622MSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.4	26.4	79.0

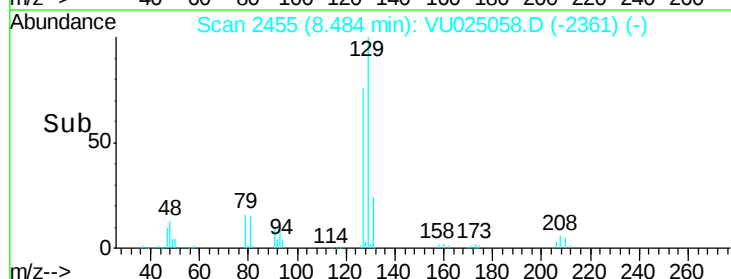
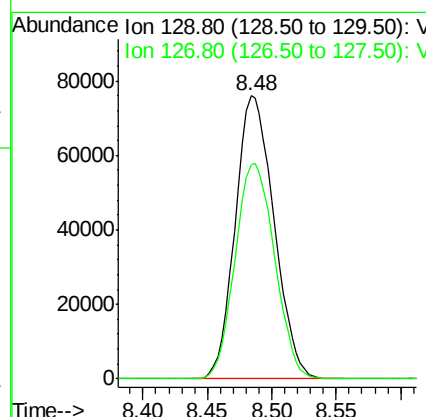
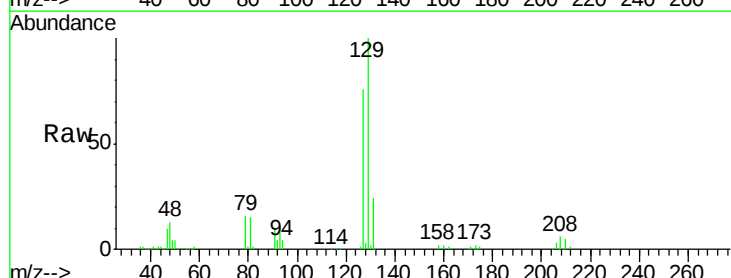
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#60
Dibromochloromethane
Concen: 46.10 ug/l
RT: 8.48 min Scan# 2455
Delta R.T. 0.00 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.6	116.0





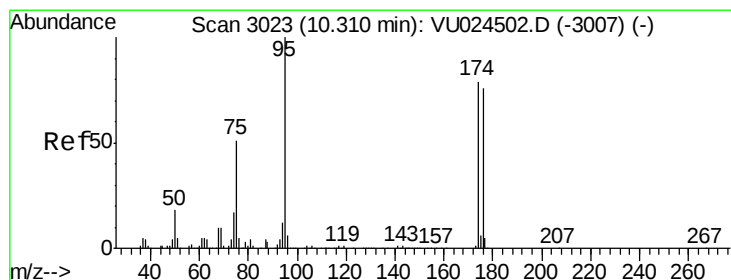
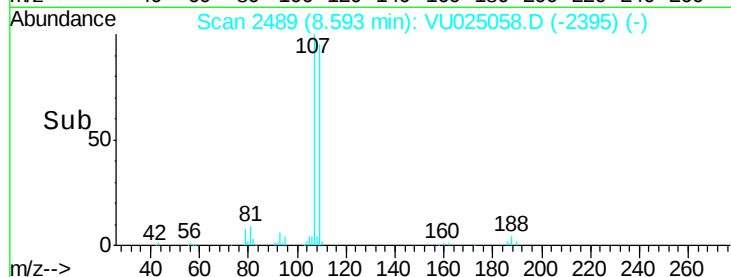
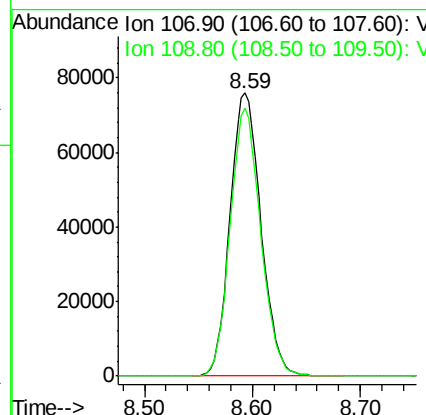
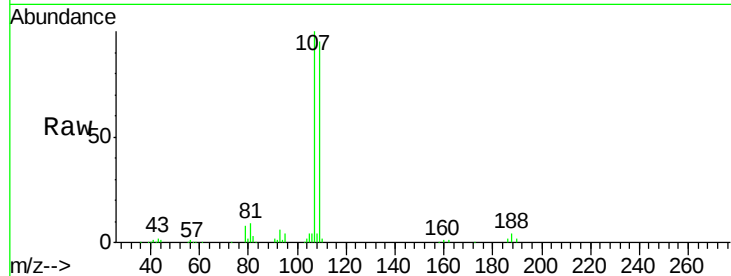
#61
 1,2-Dibromoethane
 Concen: 49.31 ug/l
 RT: 8.59 min Scan# 2489
 Delta R.T. 0.00 min
 Lab File: VU025058.D
 Acq: 29 Jun 2018 07:13

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB489-21-23-180622MSD

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	74.5	111.7

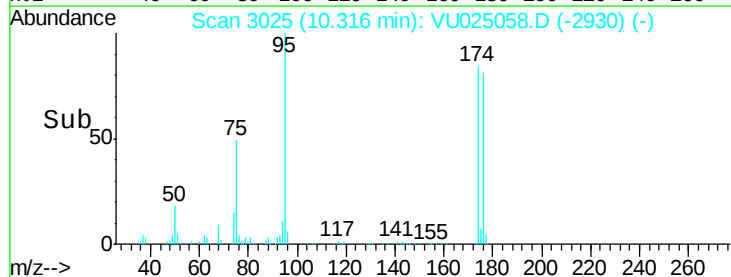
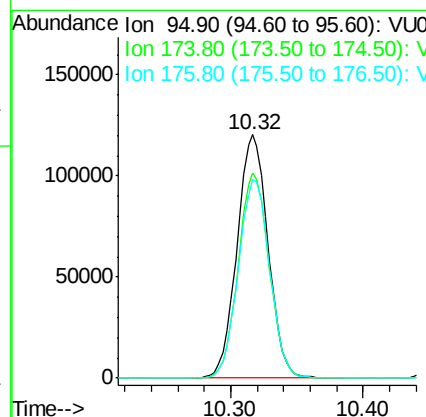
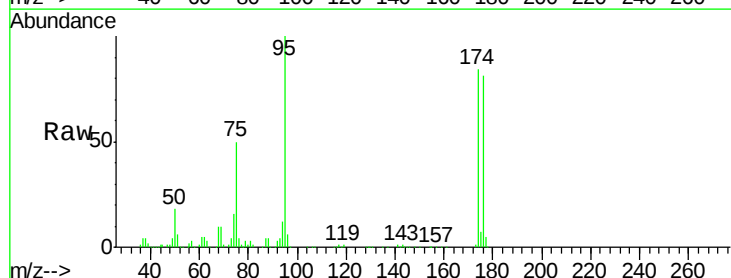
Manual Integrations
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 6/29/2018 4:23:47 PM



#62
 4-Bromofluorobenzene
 Concen: 51.42 ug/l
 RT: 10.32 min Scan# 3025
 Delta R.T. 0.01 min
 Lab File: VU025058.D
 Acq: 29 Jun 2018 07:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	165.8
176	82.4	0.0	159.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.10 min Scan# 2646

Delta R.T. 0.00 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

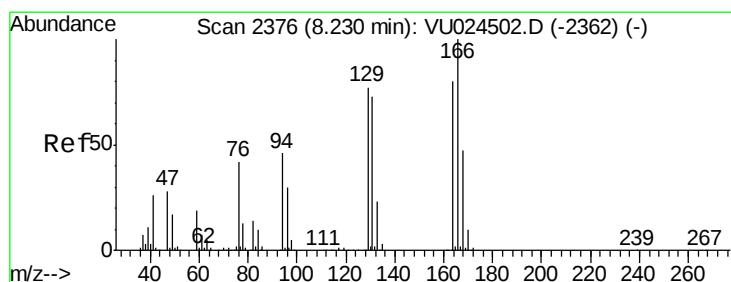
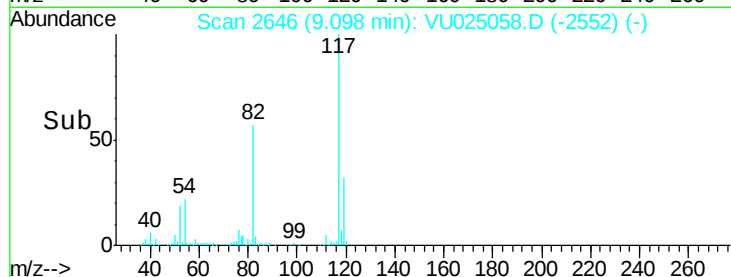
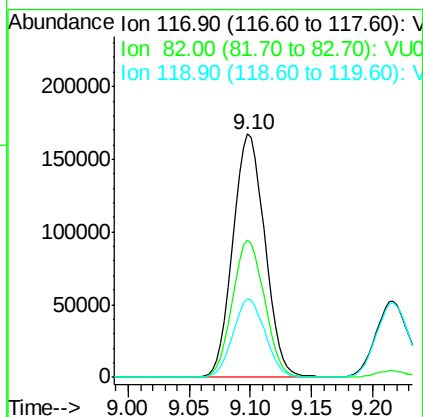
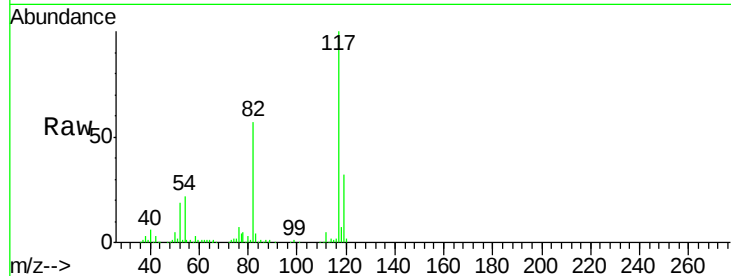
ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	305576		
82	56.6		44.3	66.5
119	32.4		25.4	38.2

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#64

Tetrachloroethene

Concen: 49.63 ug/l

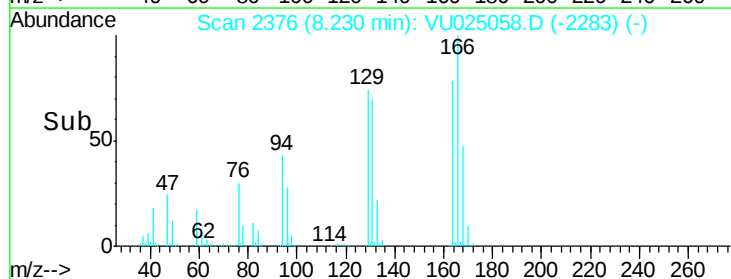
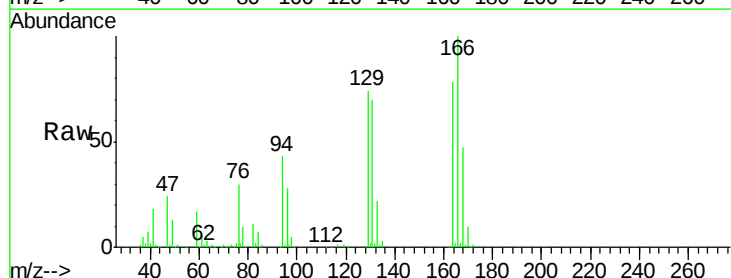
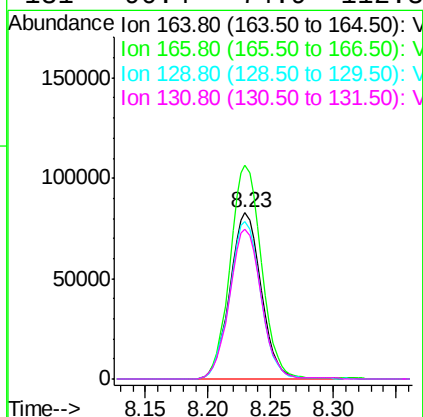
RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	144167		
166	128.5		101.7	152.5
129	94.8		76.9	115.3
131	90.4		74.9	112.3





#65

Chlorobenzene

Concen: 50.11 ug/l

RT: 9.13 min Scan# 2655

Delta R.T. 0.00 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion:112 Resp: 391147

Ion Ratio Lower Upper

112 100

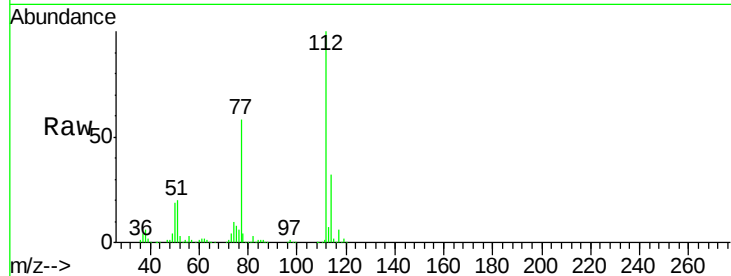
114 32.3 25.6 38.4

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

100000

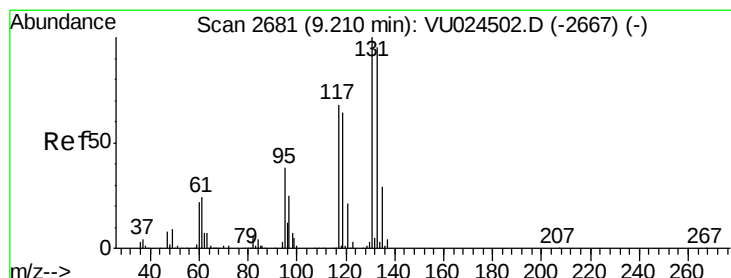
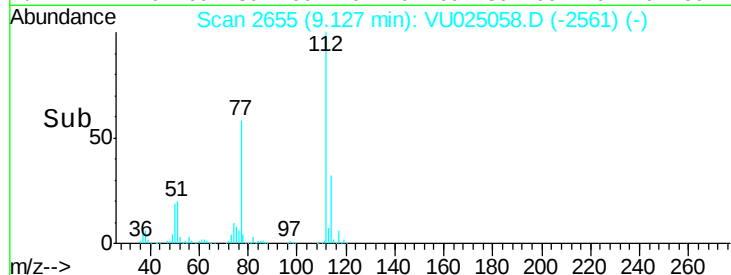
50000

0

9.13

9.10 9.15 9.20 9.30

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 48.97 ug/l

RT: 9.22 min Scan# 2683

Delta R.T. 0.01 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

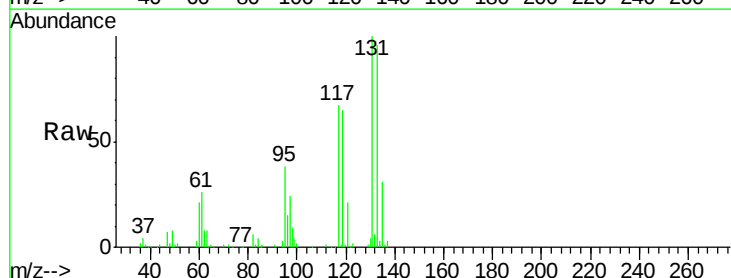
Tgt Ion:131 Resp: 145236

Ion Ratio Lower Upper

131 100

133 96.7 46.9 140.8

119 65.7 33.5 100.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

60000

40000

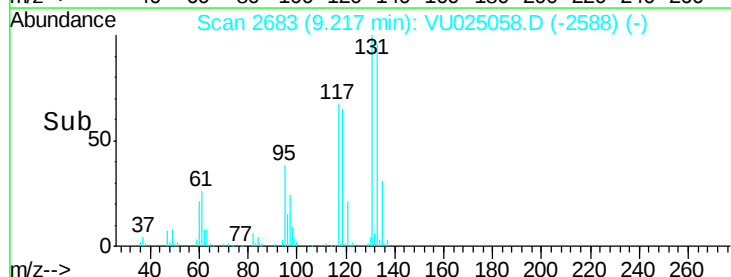
20000

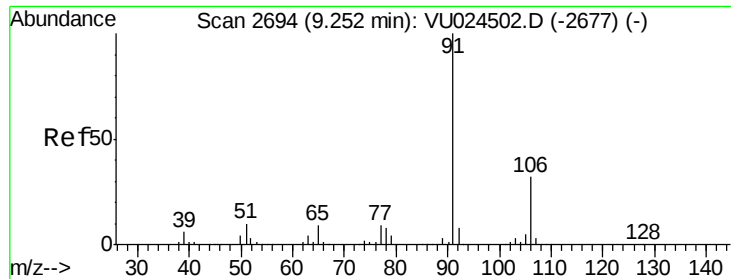
0

9.22

9.15 9.20 9.25 9.30

Time-->





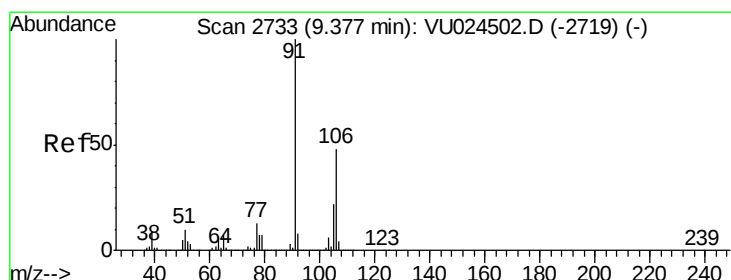
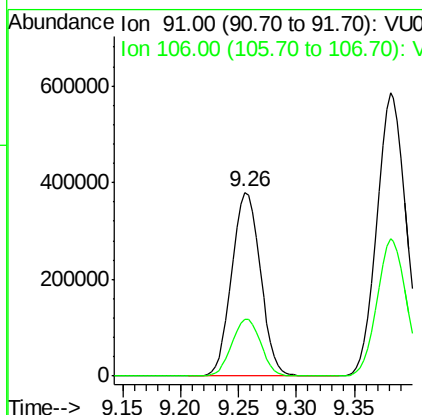
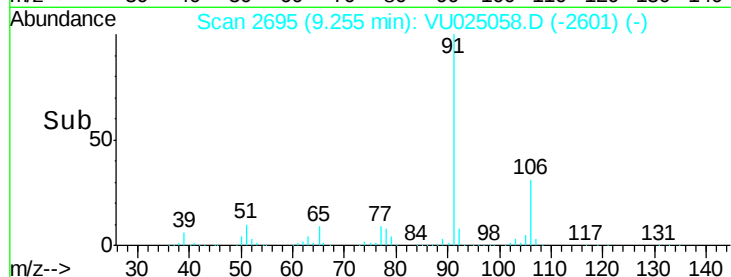
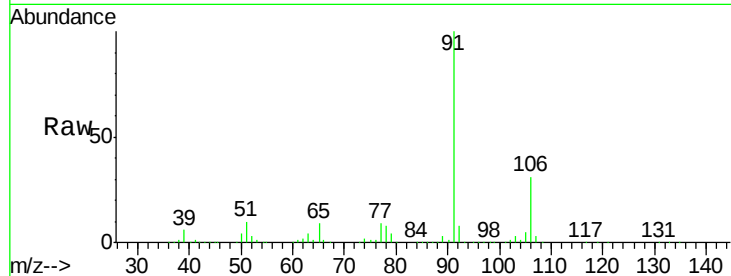
#67
Ethyl Benzene
Concen: 47.69 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Instrument :
MSVOA_U
ClientSampleId :
WP021SB489-21-23-180622MSD

Tot Ion: 91 Resp: 652612
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4

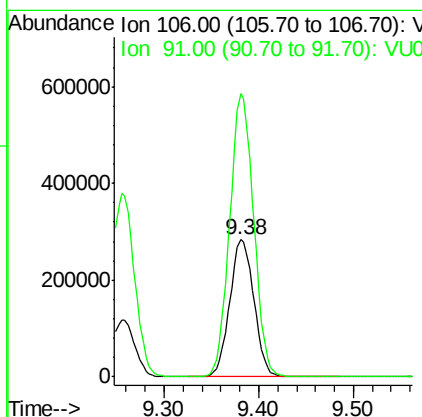
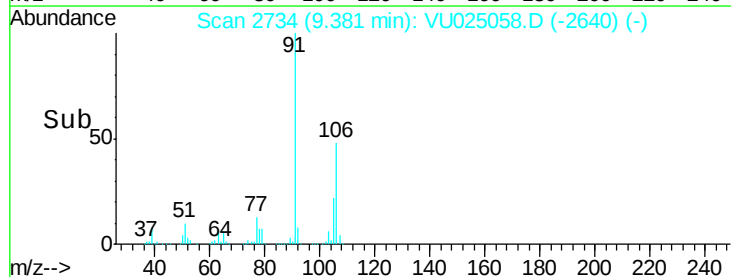
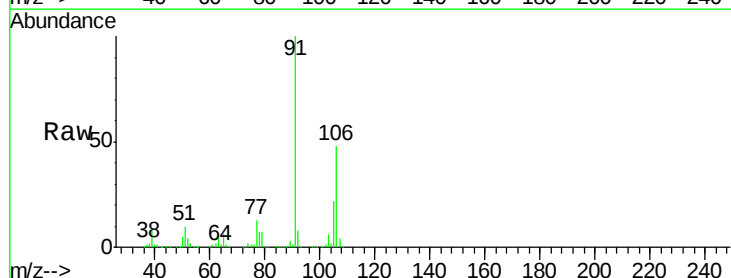
Manual Integrations
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#68
m/p-Xylenes
Concen: 95.90 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Tgt Ion: 106 Resp: 503953
Ion Ratio Lower Upper
106 100
91 204.0 166.5 249.7





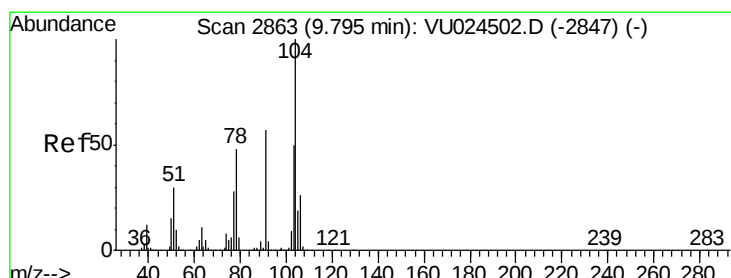
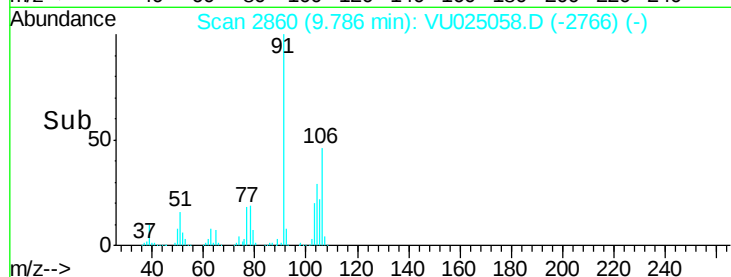
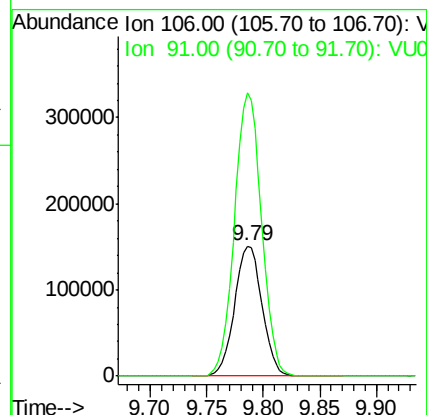
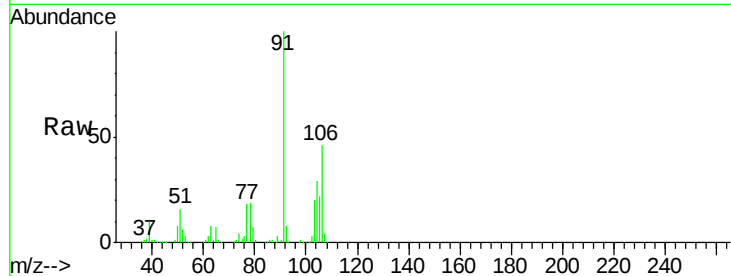
#69
o-Xylene
Concen: 48.96 ug/l
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Instrument :
MSVOA_U
ClientSampleId :
WP021SB489-21-23-180622MSD

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.9	110.7	331.9

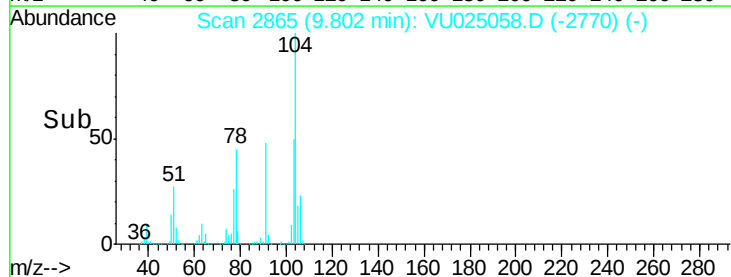
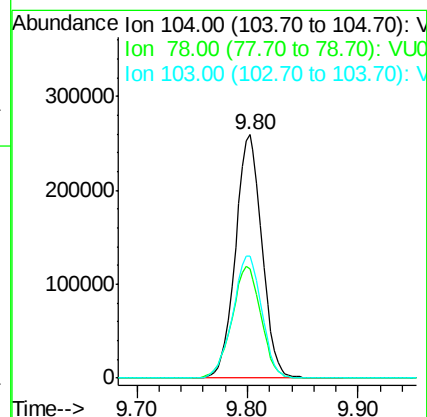
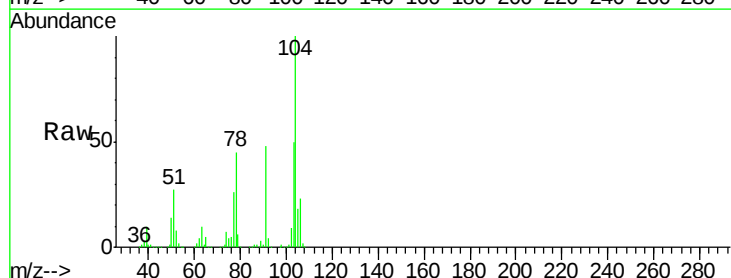
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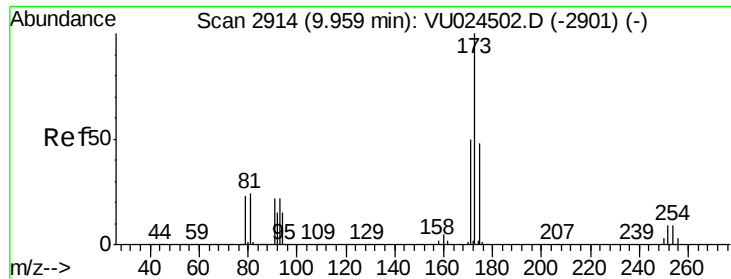
MMDadoda
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#70
Styrene
Concen: 50.41 ug/l
RT: 9.80 min Scan# 2865
Delta R.T. 0.01 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.6	40.6	60.8
103	55.1	44.7	67.1





#71

Bromoform

Concen: 47.10 ug/l

RT: 9.97 min Scan# 2917

Delta R.T. 0.01 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

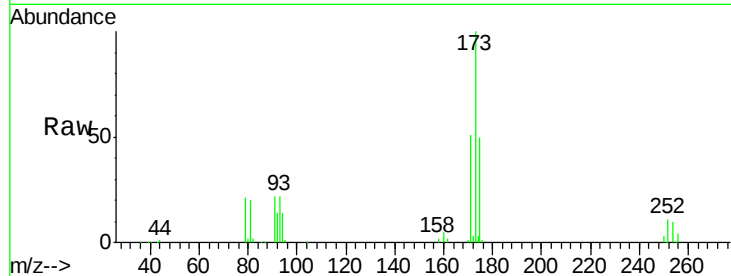
ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.6	74.0
254	0.1	0.0	0.0

Manual Integrations
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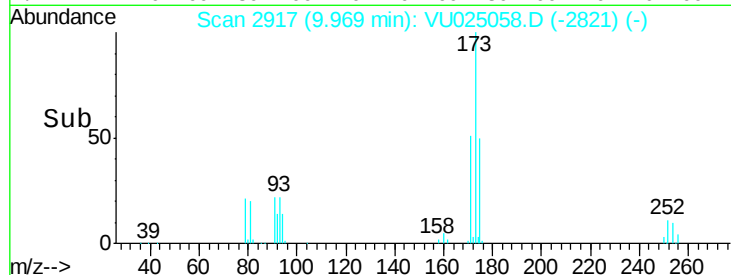
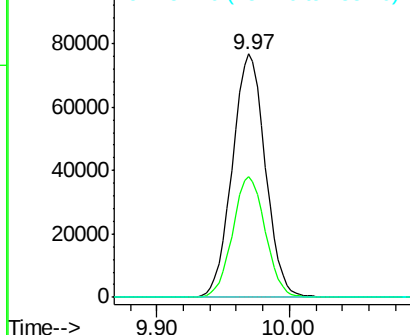


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

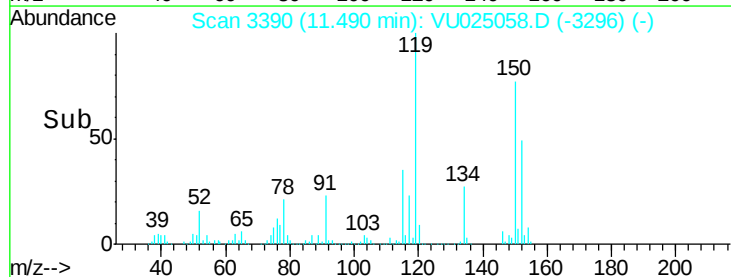
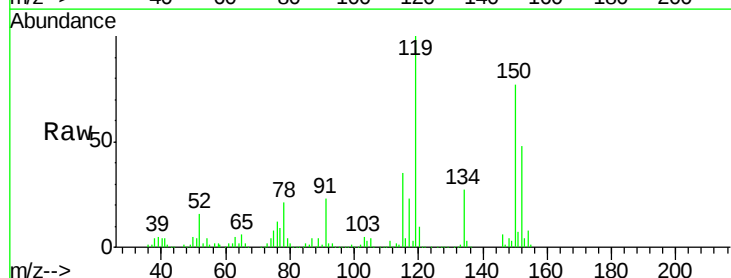
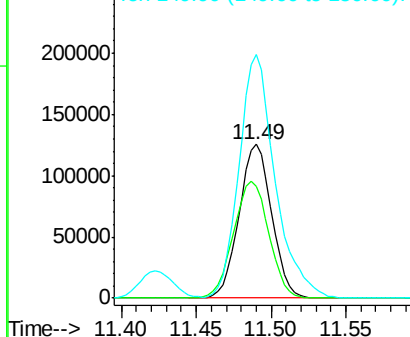
Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.4	43.0	129.0
150	175.8	0.0	354.0

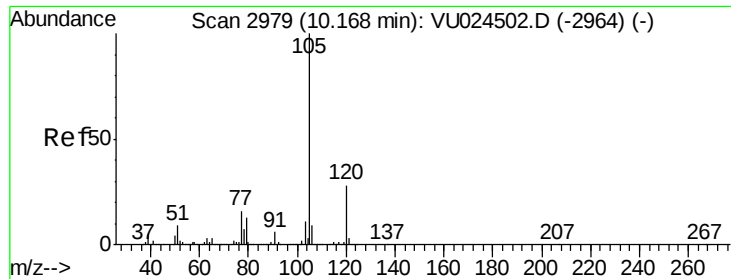
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.81 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion:105 Resp: 697730

Ion Ratio Lower Upper

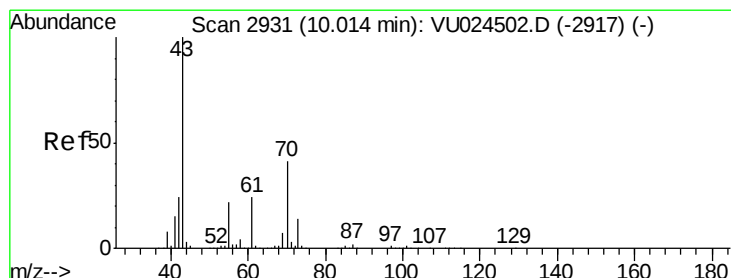
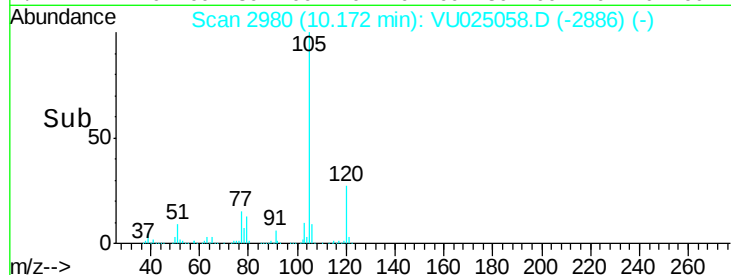
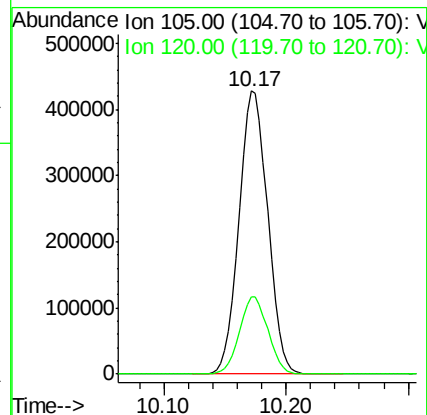
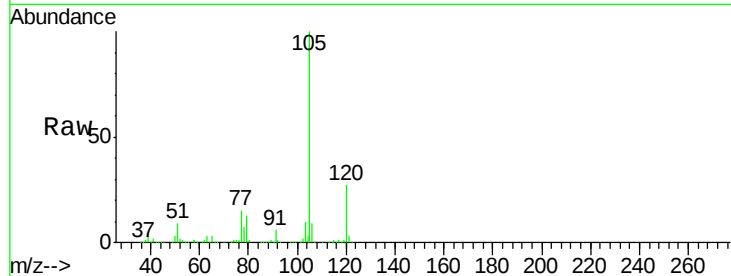
105 100

120 27.0 13.2 39.6

Manual Integrations
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#74

N-ethyl acetate

Concen: 44.58 ug/l

RT: 10.02 min Scan# 2933

Delta R.T. 0.01 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Tgt Ion: 43 Resp: 309446

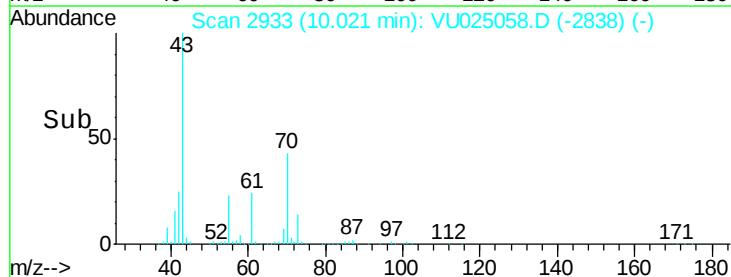
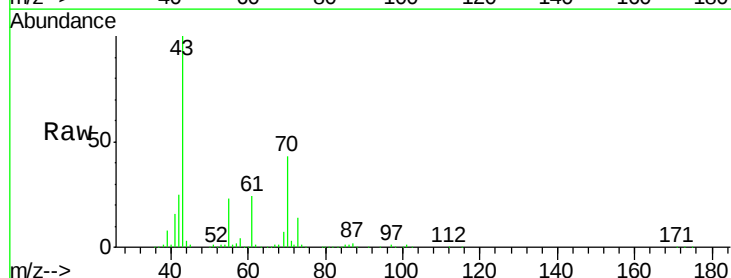
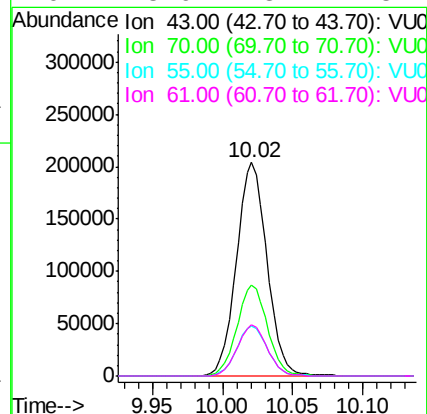
Ion Ratio Lower Upper

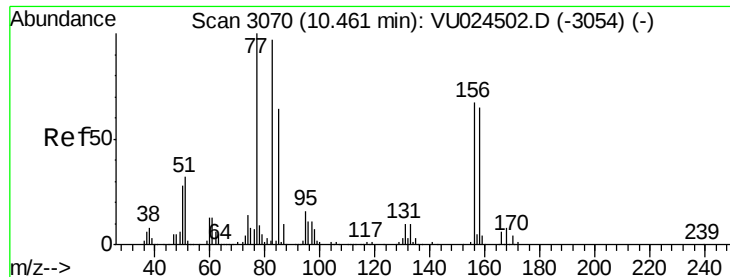
43 100

70 42.5 32.2 48.4

55 23.8 20.5 30.7

61 23.9 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.68 ug/l

RT: 10.47 min Scan# 3072

Delta R.T. 0.01 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion: 83 Resp: 242956

Ion Ratio Lower Upper

83 100

131 11.0 4.7 14.1

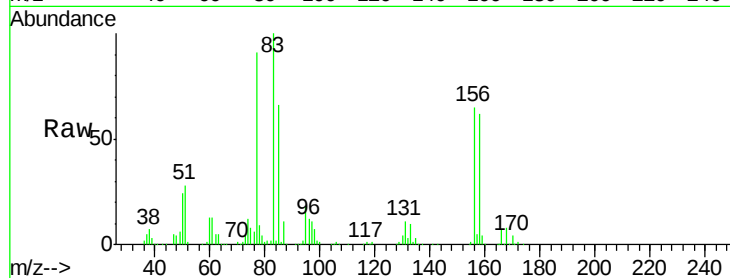
85 64.9 32.5 97.5

Manual Integrations

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Abundance Ion 82.90 (82.60 to 83.60): VU024502.D (-3054) (-)

Ion 130.80 (130.50 to 131.50): VU024502.D (-3054) (-)

Ion 84.90 (84.60 to 85.60): VU024502.D (-3054) (-)

10.47

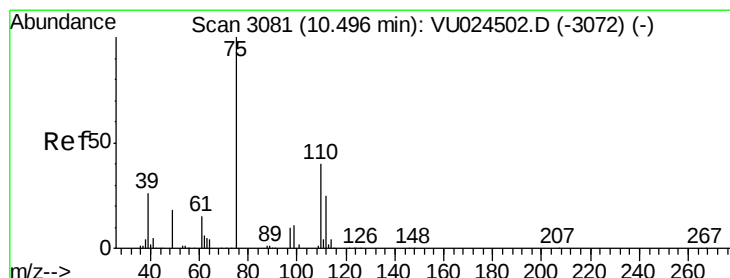
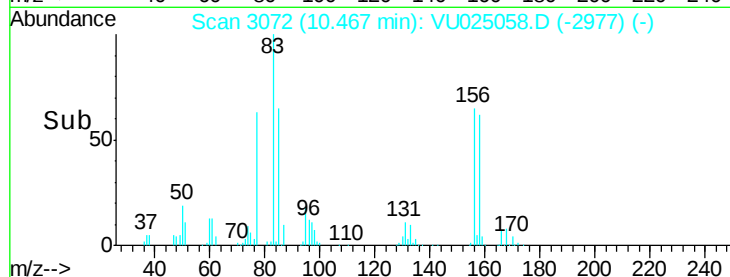
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 50.88 ug/l m

RT: 10.50 min Scan# 3083

Delta R.T. 0.01 min

Lab File: VU025058.D

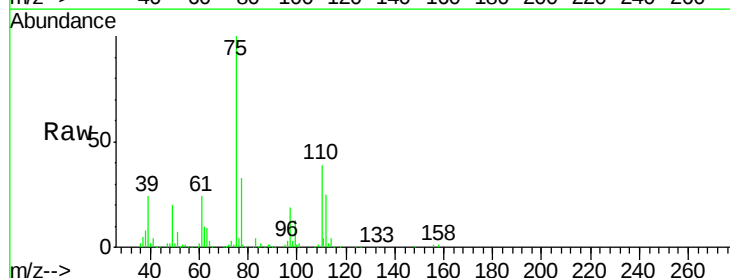
Acq: 29 Jun 2018 07:13

Tgt Ion: 75 Resp: 212932

Ion Ratio Lower Upper

75 100

77 40.9 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU025058.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025058.D (-2988) (-)

10.50

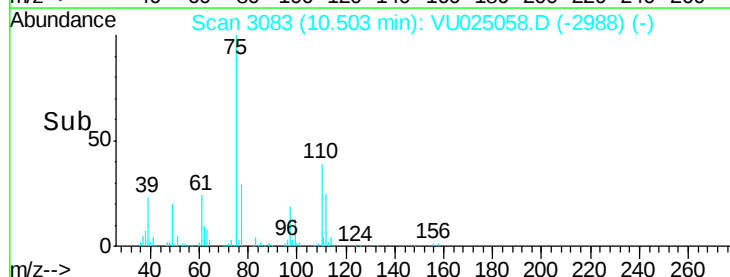
150000

100000

50000

0

Time-->





#77

Bromobenzene

Concen: 50.64 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.01 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

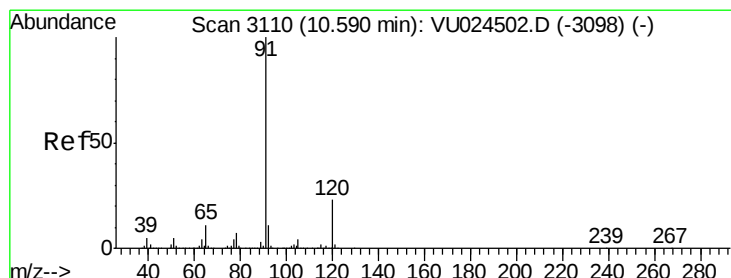
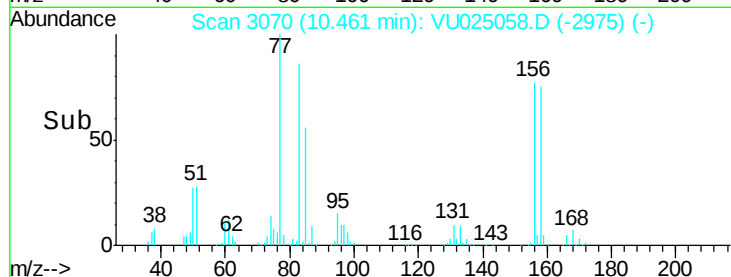
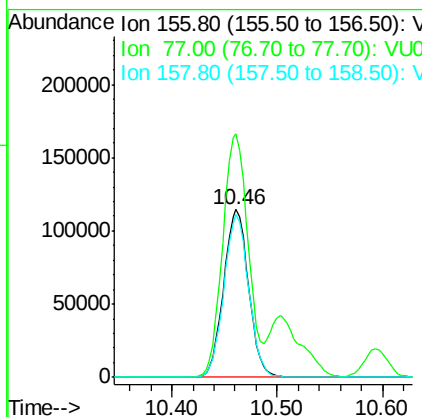
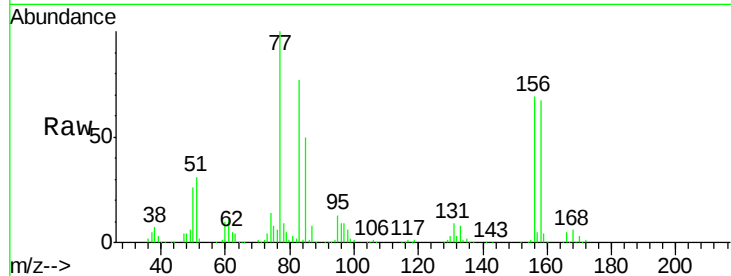
ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		187093		
77	149.0	80.5	241.3		
158	96.5	48.2	144.6		

Manual Integrations
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#78

n-propylbenzene

Concen: 45.87 ug/l

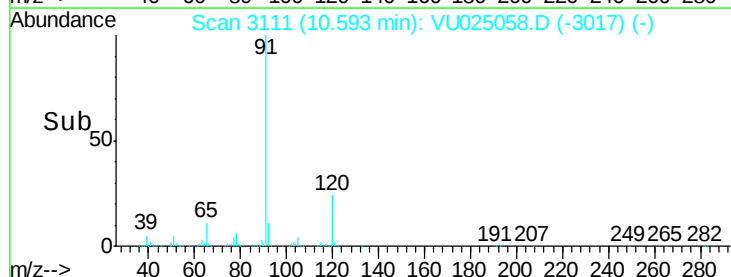
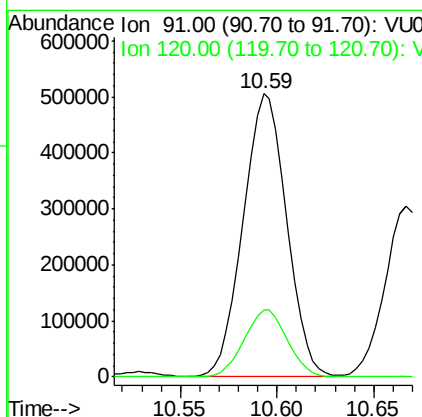
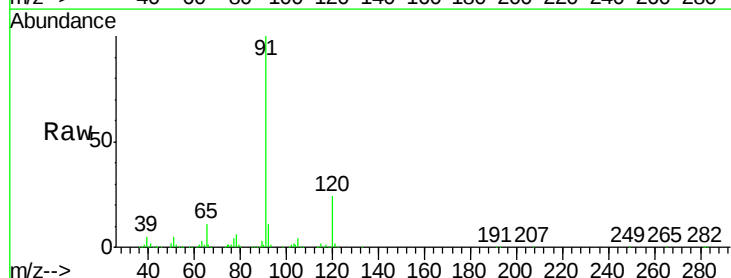
RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		788570		
120	23.6	11.2	33.5		





#79

2-Chlorotoluene

Concen: 48.09 ug/l

RT: 10.67 min Scan# 3134

Delta R.T. 0.00 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion: 91 Resp: 487549

Ion Ratio Lower Upper

91 100

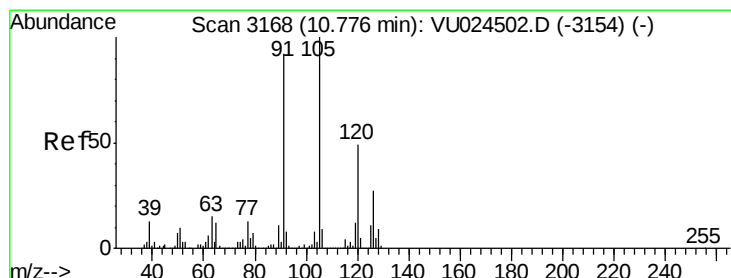
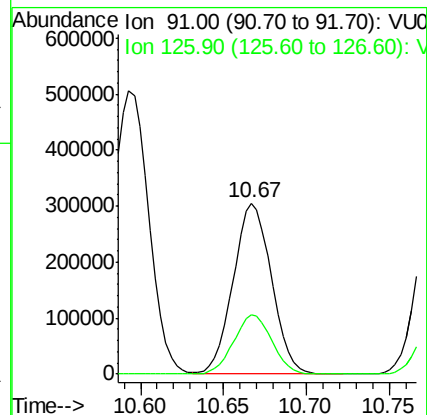
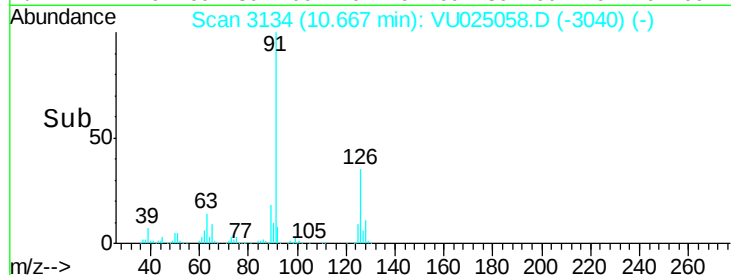
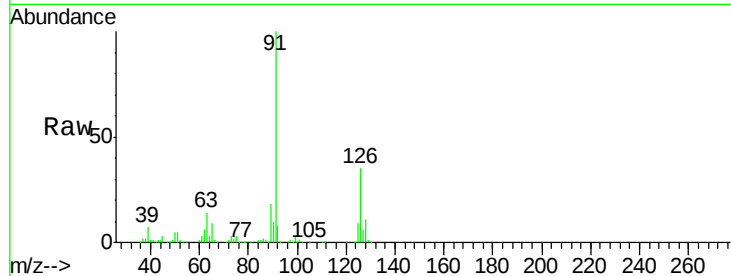
126 35.0 16.9 50.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 47.02 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025058.D

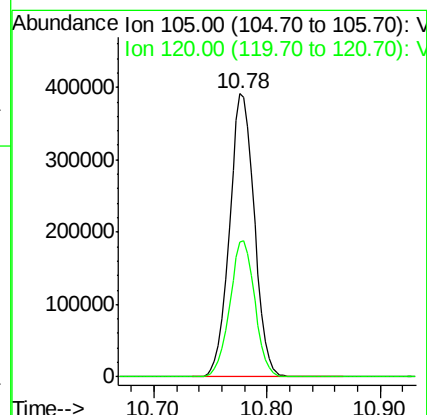
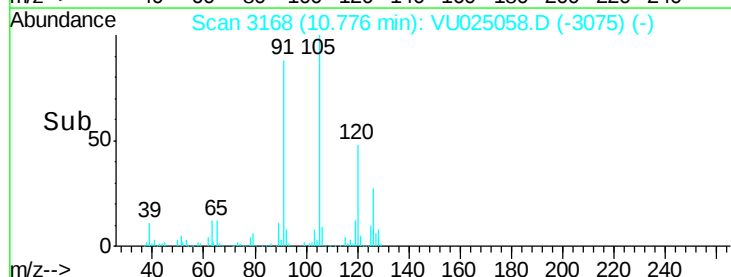
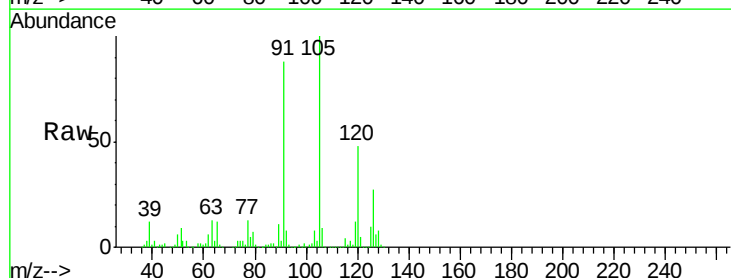
Acq: 29 Jun 2018 07:13

Tgt Ion: 105 Resp: 594823

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.2





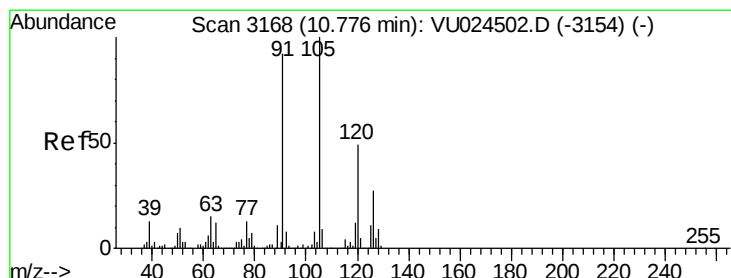
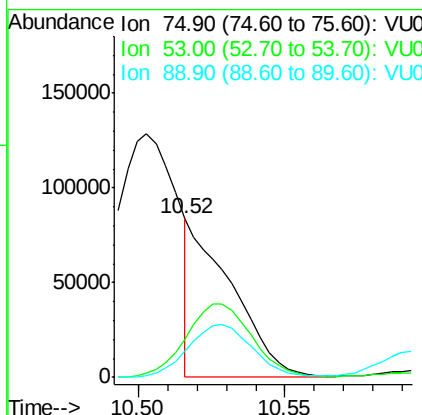
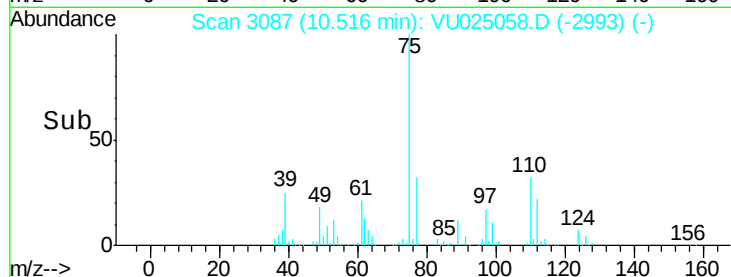
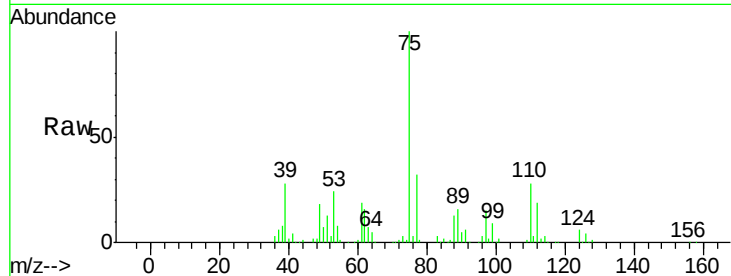
#81
trans-1,4-Dichloro-2-butene
Concen: 46.47 ug/l m
RT: 10.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Instrument :
MSVOA_U
ClientSampleId :
WP021SB489-21-23-180622MSD

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

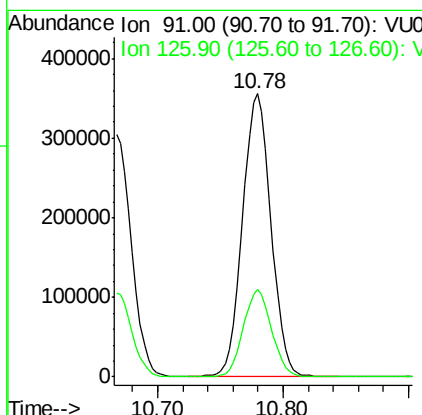
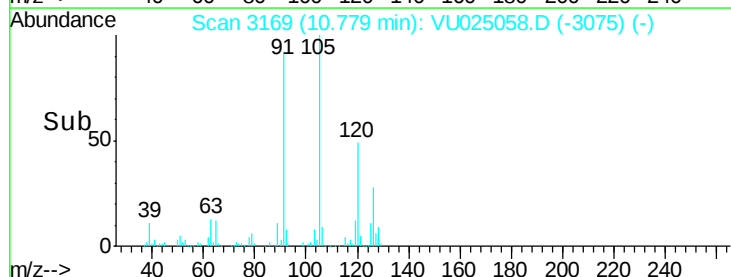
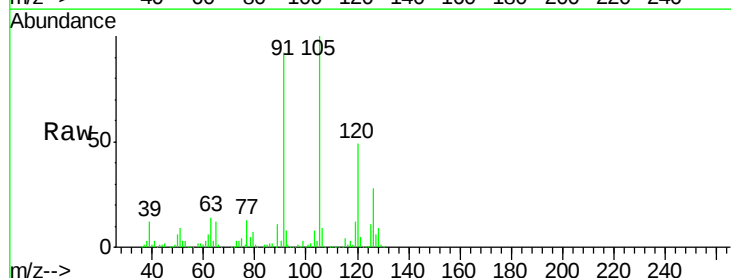
Manual Integrations
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#82
4-Chlorotoluene
Concen: 47.39 ug/l
RT: 10.78 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	14.9	44.9





#83

tert-Butylbenzene

Concen: 49.82 ug/l

RT: 11.11 min Scan# 3271

Delta R.T. 0.00 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

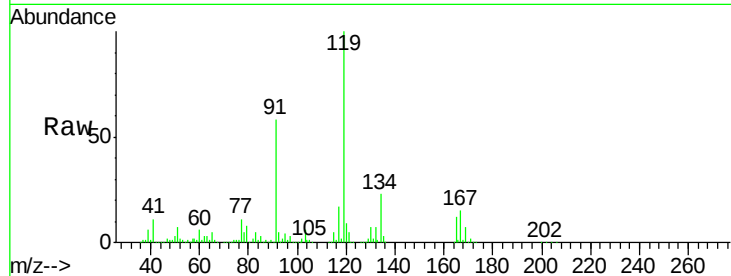
ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion:	119	Resp:	606165
Ion Ratio		Lower	Upper
119	100		
91	59.4	29.7	89.1
134	23.1	11.6	34.7

Manual Integrations
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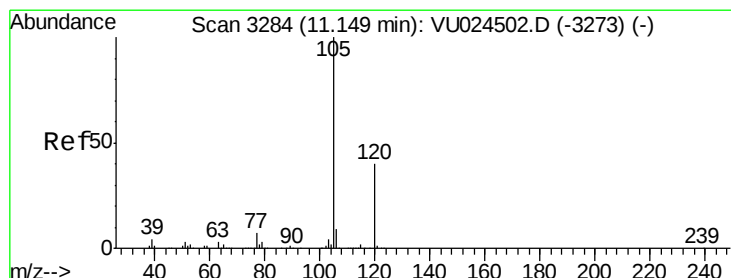
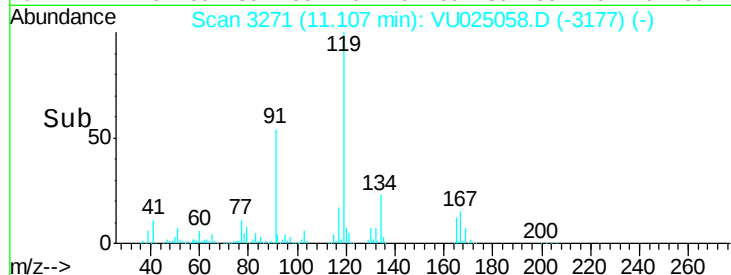
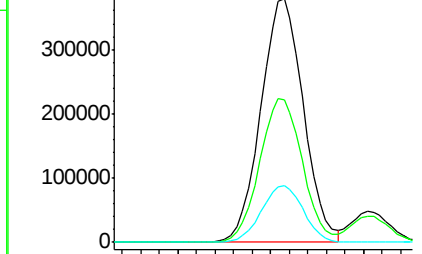
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 46.59 ug/l

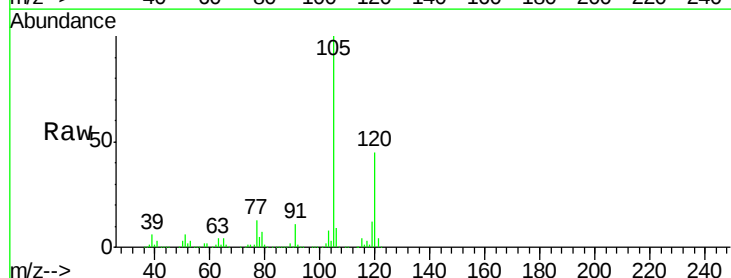
RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025058.D

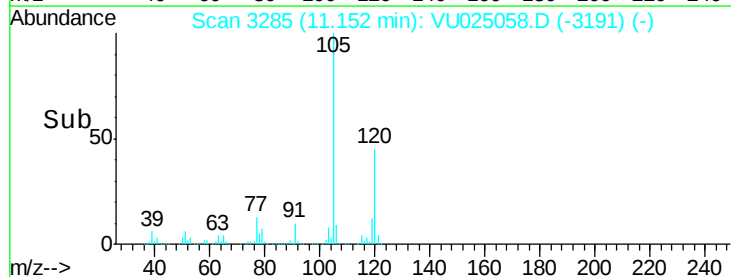
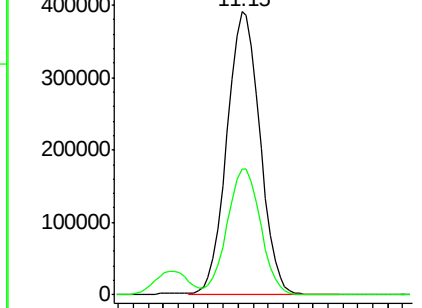
Acq: 29 Jun 2018 07:13

Tgt Ion:	105	Resp:	600613
Ion Ratio		Lower	Upper
105	100		
120	45.2	22.6	67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.62 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion:105 Resp: 725266

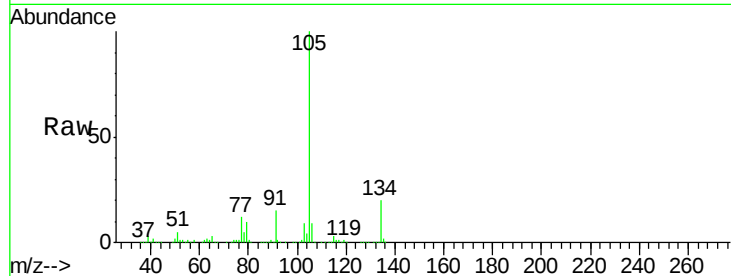
Ion Ratio Lower Upper

105 100

134 20.4 9.7 29.1

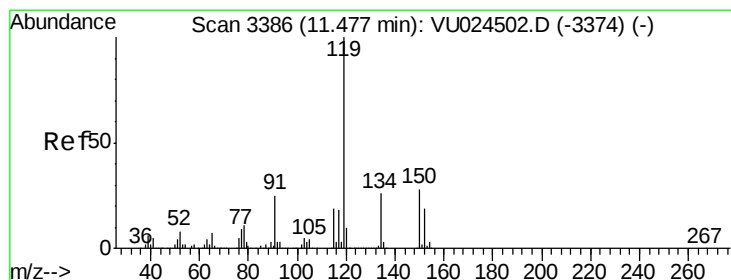
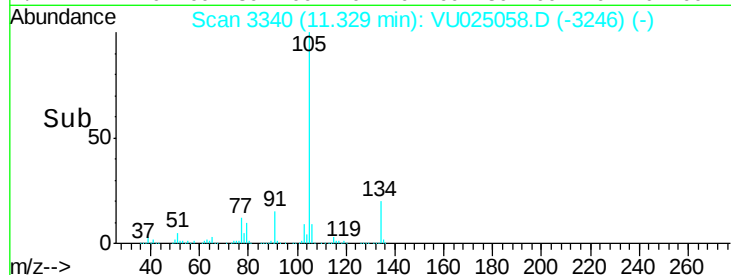
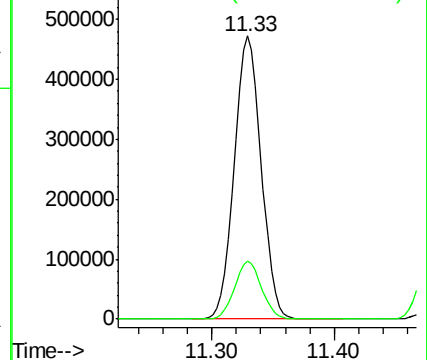
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.20 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

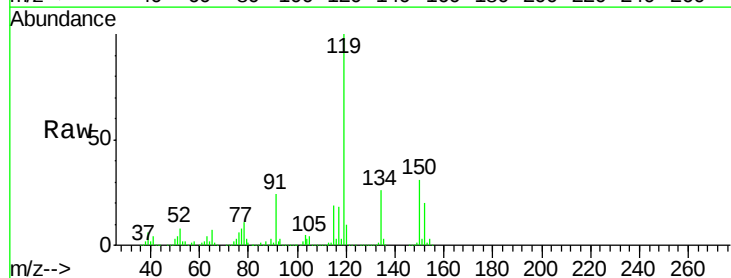
Tgt Ion:119 Resp: 630235

Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

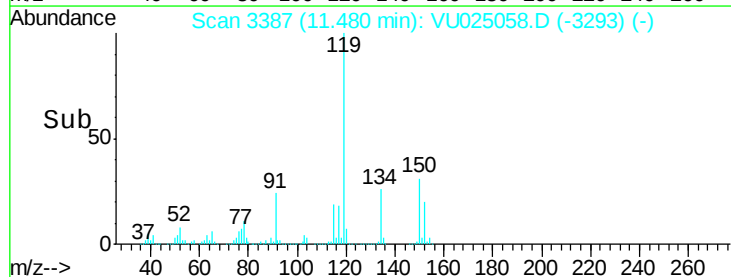
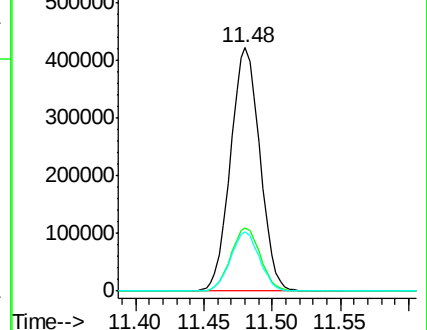
91 23.9 12.0 36.1

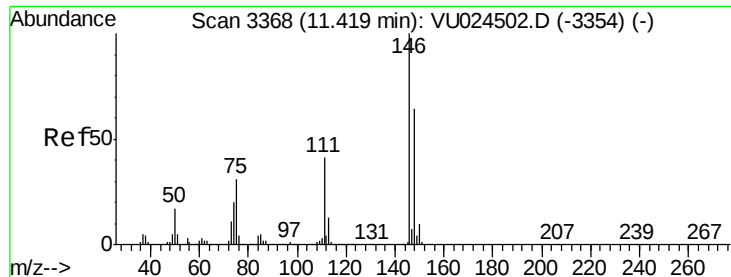


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





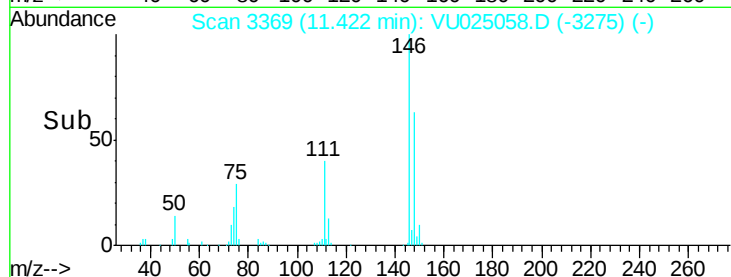
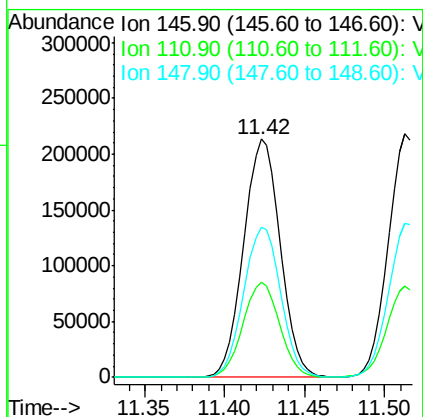
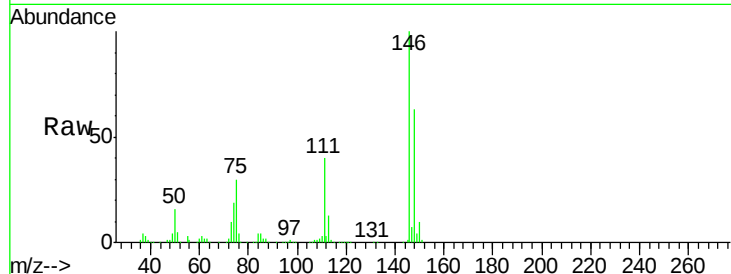
#87
 1,3-Dichlorobenzene
 Concen: 48.82 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU025058.D
 Acq: 29 Jun 2018 07:13

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB489-21-23-180622MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	60.0
148	63.7	32.1	96.5

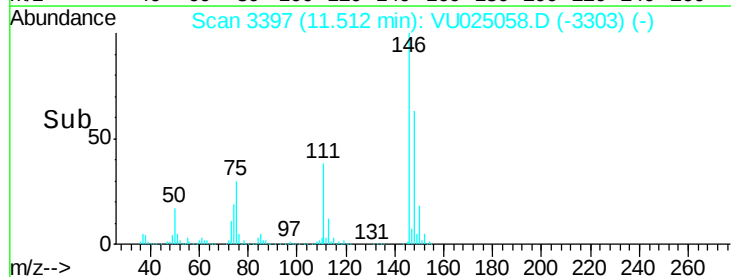
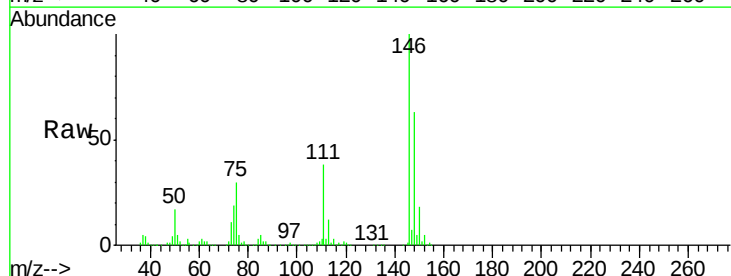
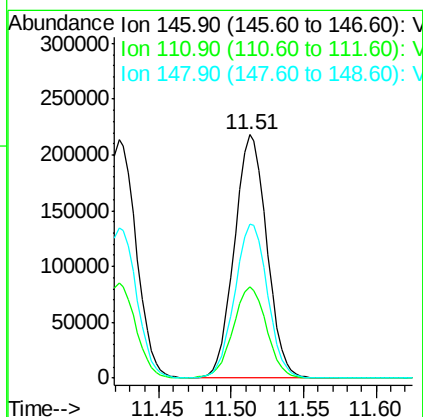
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 49.29 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025058.D
 Acq: 29 Jun 2018 07:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.5	58.5
148	64.3	32.4	97.0





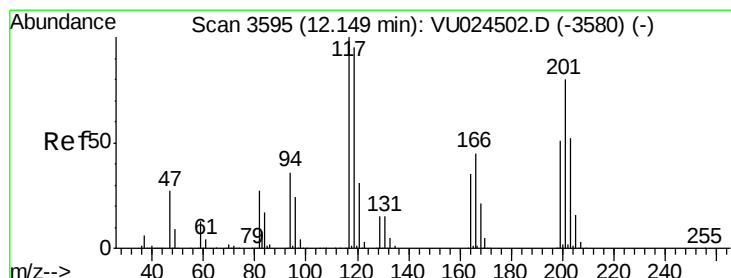
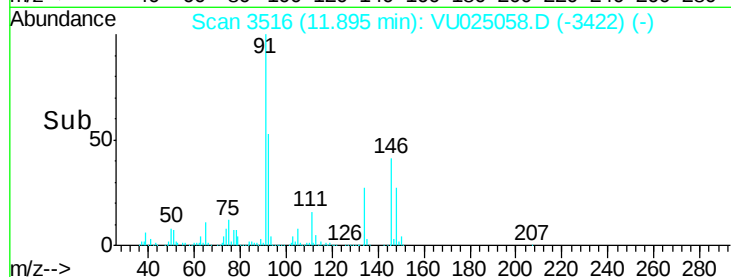
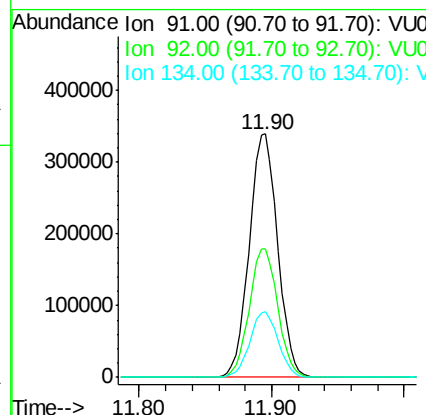
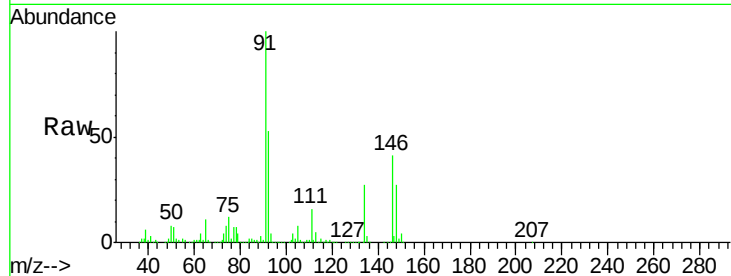
#89
n-Butylbenzene
Concen: 41.65 ug/l
RT: 11.90 min Scan# 3516
Delta R.T. 0.00 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Instrument :
MSVOA_U
ClientSampleId :
WP021SB489-21-23-180622MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	25.6	76.8
134	27.0	12.3	36.8

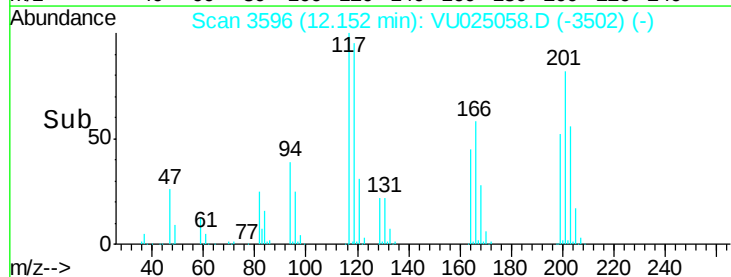
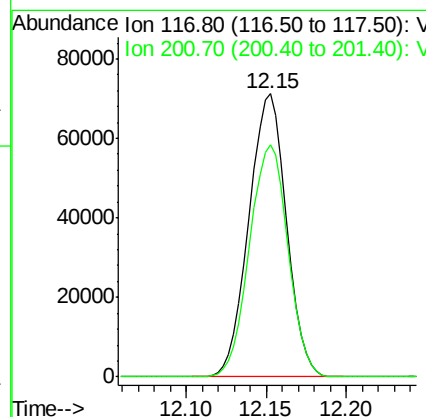
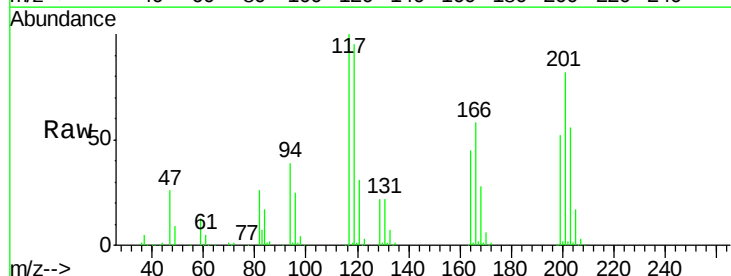
Manual Integrations
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#90
Hexachloroethane
Concen: 42.84 ug/l
RT: 12.15 min Scan# 3596
Delta R.T. 0.00 min
Lab File: VU025058.D
Acq: 29 Jun 2018 07:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.0	41.1	123.3





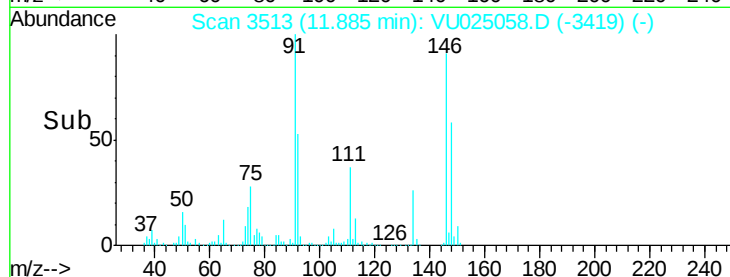
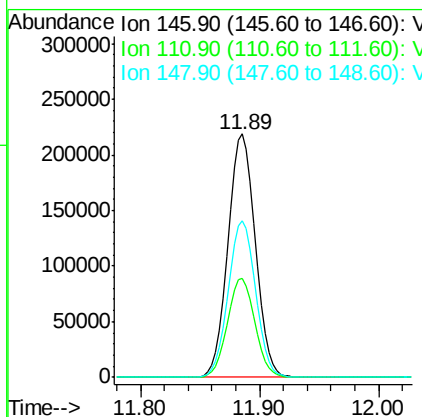
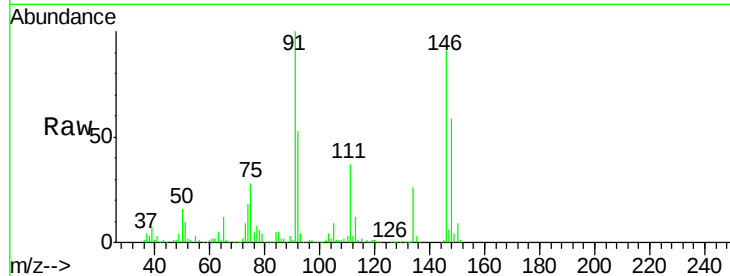
#91
 1,2-Dichlorobenzene
 Concen: 50.96 ug/l
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU025058.D
 Acq: 29 Jun 2018 07:13

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB489-21-23-180622MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.5	61.6
148	64.3	31.9	95.7

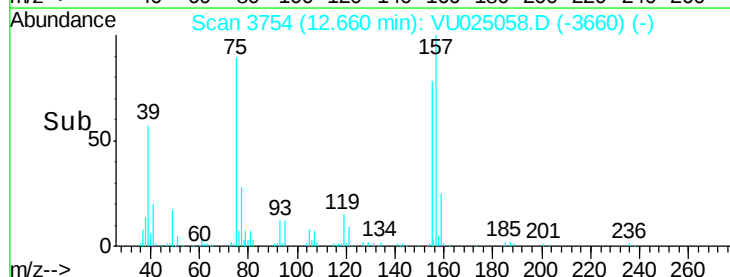
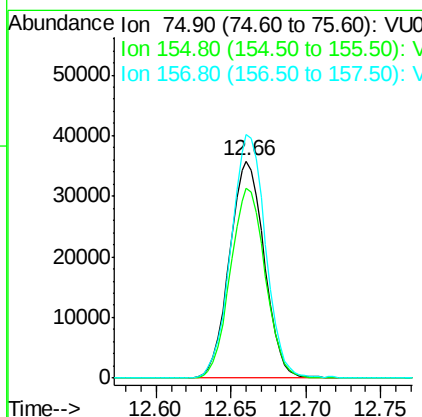
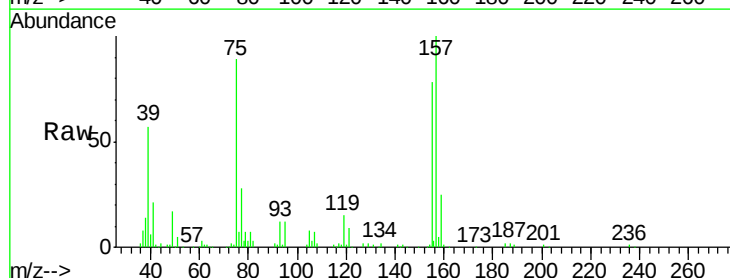
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.84 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025058.D
 Acq: 29 Jun 2018 07:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.9	40.4	121.2
157	111.5	52.3	156.8





#93

1,2,4-Trichlorobenzene

Concen: 49.15 ug/l

RT: 13.51 min Scan# 4017

Delta R.T. 0.00 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

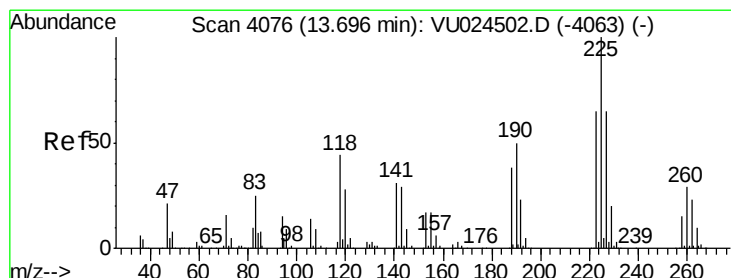
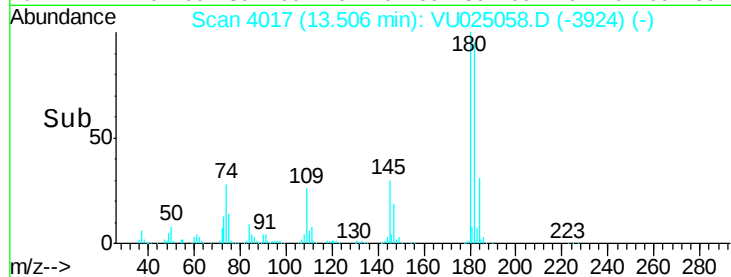
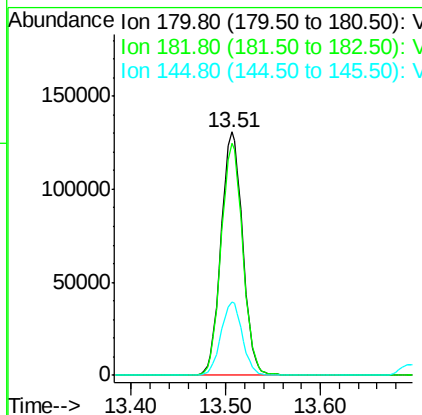
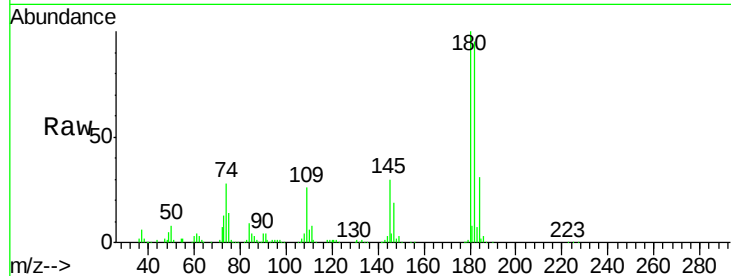
ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion:	180	Resp:	207526
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.0	144.2
145	29.9	14.7	44.1

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#94

Hexachlorobutadiene

Concen: 47.23 ug/l

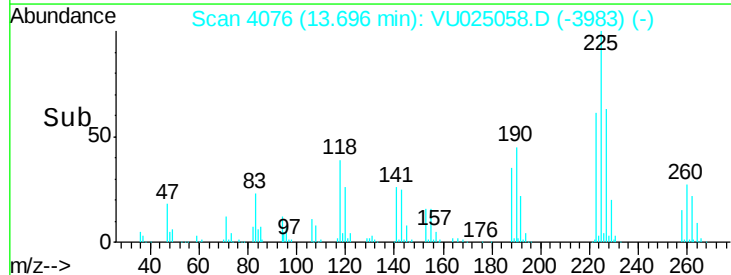
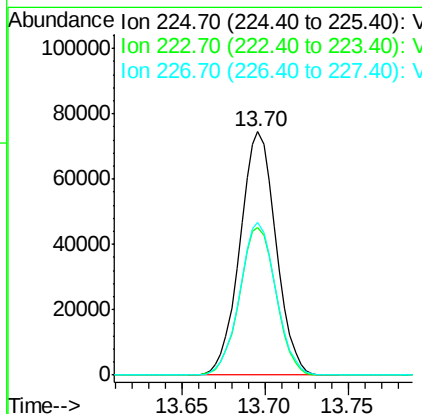
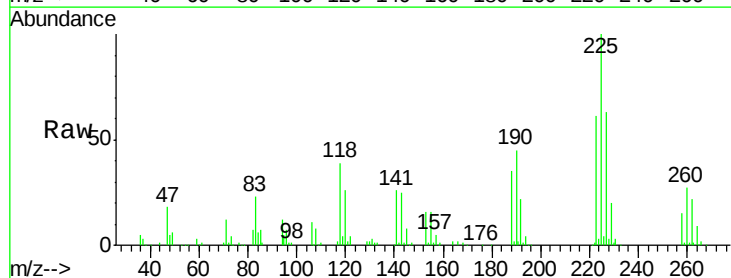
RT: 13.70 min Scan# 4076

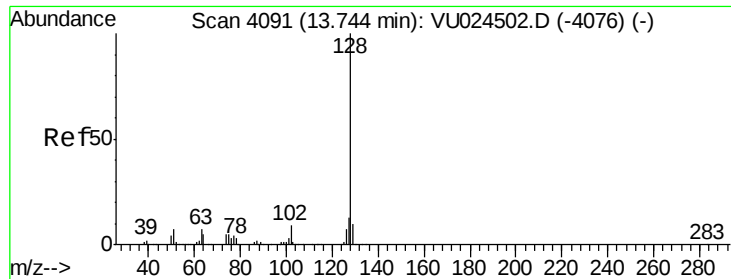
Delta R.T. 0.00 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Tgt Ion:	225	Resp:	112242
Ion Ratio	Lower	Upper	
225	100		
223	61.3	31.3	93.8
227	62.7	31.8	95.4





#95

Naphthalene

Concen: 48.18 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Instrument :

MSVOA_U

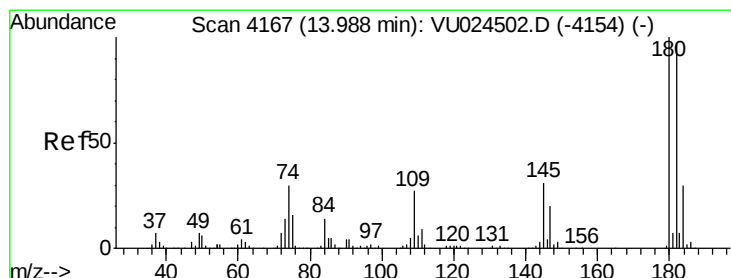
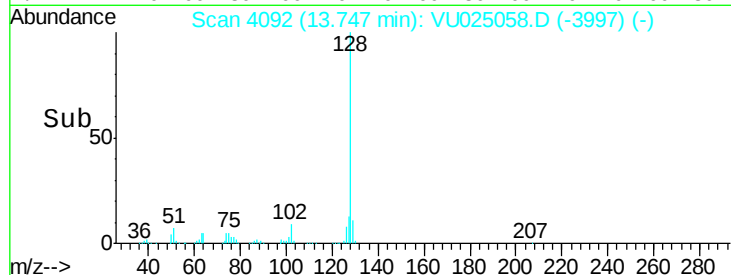
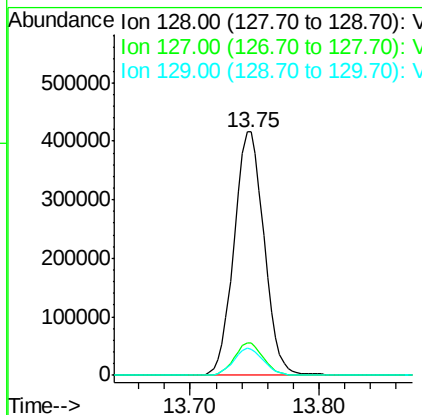
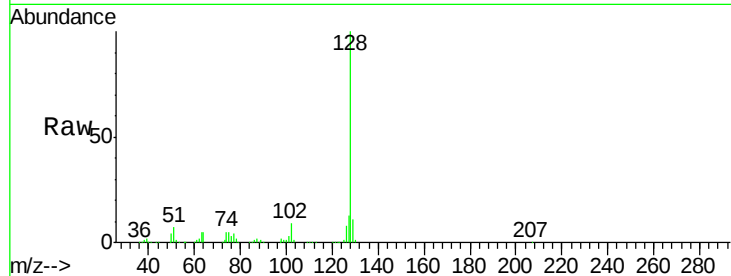
ClientSampleId :

WP021SB489-21-23-180622MSD

Tot Ion:	128	Resp:	673137
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	10.8	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 50.80 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025058.D

Acq: 29 Jun 2018 07:13

Tgt Ion:	180	Resp:	213728
Ion Ratio	Lower	Upper	
180	100		
182	96.3	47.9	143.7
145	32.5	15.4	46.1

