

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070318\
 Data File : VU025200.D
 Acq On : 03 Jul 2018 19:39
 Operator : MD/SY
 Sample : J3760-02MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW011-180627MS

Manual Integrations
 APPROVED

sam
 7/5/2018 2:30:26 PM

Quant Time: Jul 04 06:36:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	156659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	247630	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	230965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	140532	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	127023	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
35) Dibromofluoromethane	4.89	113	105796	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	7.57	98	333584	44.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.00%	
62) 4-Bromofluorobenzene	10.31	95	143928	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	80080	40.839	ug/l	97
3) Chloromethane	1.33	50	86131	42.994	ug/l	99
4) Vinyl Chloride	1.40	62	108480	52.507	ug/l	100
5) Bromomethane	1.62	94	55067	55.137	ug/l	100
6) Chloroethane	1.69	64	64533	56.026	ug/l	97
7) Trichlorofluoromethane	1.89	101	159655	50.637	ug/l	99
8) Diethyl Ether	2.10	74	62141	58.224	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	98012	50.107	ug/l	99
10) Methyl Iodide	2.41	142	108816	64.070	ug/l	97
11) Tert butyl alcohol	2.82	59	159679	256.717	ug/l	99
12) 1,1-Dichloroethene	2.28	96	88141	49.412	ug/l	93
13) Acrolein	2.19	56	22581	69.133	ug/l	99
14) Allyl chloride	2.59	41	151704	45.804	ug/l	98
15) Acrylonitrile	2.93	53	338438	279.659	ug/l	99
16) Acetone	2.32	43	318014	231.428	ug/l	98
17) Carbon Disulfide	2.48	76	240593	42.122	ug/l	99
18) Methyl Acetate	2.62	43	200521	68.068	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	364977	54.432	ug/l	95
20) Methylene Chloride	2.70	84	109650	50.855	ug/l	94
21) trans-1,2-Dichloroethene	2.99	96	100974	51.395	ug/l	96
22) Diisopropyl ether	3.57	45	349693	53.261	ug/l	97
23) Vinyl Acetate	3.53	43	1452329	246.935	ug/l	99
24) 1,1-Dichloroethane	3.45	63	201021	53.222	ug/l	99
25) 2-Butanone	4.26	43	496773	269.140	ug/l	96
26) 2,2-Dichloropropane	4.23	77	151074	42.124	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	138253	61.209	ug/l	96
28) Bromochloromethane	4.55	49	75263	45.240	ug/l	87
29) Tetrahydrofuran	4.63	42	310407	271.565	ug/l	96
30) Chloroform	4.68	83	215162	56.282	ug/l	97
31) Cyclohexane	5.00	56	174780	52.196	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	190974	54.021	ug/l	96
36) 1,1-Dichloropropene	5.14	75	145700	50.071	ug/l	98
37) Ethyl Acetate	4.38	43	172083	54.259	ug/l	98
38) Carbon Tetrachloride	5.14	117	170341	53.234	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	176451	48.592	ug/l	96
40) Benzene	5.39	78	436006	52.585	ug/l	99
41) Methacrylonitrile	4.54	41	100936	59.028	ug/l	99
42) 1,2-Dichloroethane	5.41	62	180892	57.282	ug/l	99
43) Isopropyl Acetate	5.55	43	280291	51.128	ug/l	100
44) Trichloroethene	6.19	130	117404	49.753	ug/l	96
45) 1,2-Dichloropropane	6.44	63	117142	52.949	ug/l	97
46) Dibromomethane	6.56	93	84152	54.152	ug/l	93
47) Bromodichloromethane	6.76	83	163674	52.893	ug/l	99
48) Methyl methacrylate	6.63	41	148943	55.795	ug/l	98
49) 1,4-Dioxane	6.62	88	65259	1250.059	ug/l	93
51) 4-Methyl-2-Pentanone	7.46	43	953783	276.929	ug/l	98
52) Toluene	7.64	92	280056	52.500	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	173111	49.815	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	180276	48.685	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	119055	54.905	ug/l	99
56) Ethyl methacrylate	8.02	69	188554	51.953	ug/l	99
57) 1,3-Dichloropropane	8.25	76	202714	55.418	ug/l	100
59) 2-Hexanone	8.36	43	754906	268.476	ug/l	100
60) Dibromochloromethane	8.48	129	137164	50.727	ug/l	98
61) 1,2-Dibromoethane	8.59	107	131045	54.297	ug/l	99
64) Tetrachloroethene	8.23	164	103290	47.048	ug/l	96
65) Chlorobenzene	9.12	112	321906	54.557	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	124265	55.435	ug/l	98
67) Ethyl Benzene	9.25	91	560184	54.157	ug/l	98
68) m/p-Xylenes	9.38	106	433412	109.117	ug/l	97
69) o-Xylene	9.78	106	215035	54.703	ug/l	97
70) Stvrene	9.80	104	344412	53.316	ug/l	99
71) Bromoform	9.96	173	105426	49.480	ug/l #	99
73) Isopropylbenzene	10.17	105	575973	53.383	ug/l	99
74) N-amyl acetate	10.01	43	249578	48.632	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	200348	55.412	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	169337m	54.731	ug/l	
77) Bromobenzene	10.45	156	149908	54.881	ug/l	94
78) n-propylbenzene	10.59	91	646265	50.847	ug/l	97
79) 2-Chlorotoluene	10.66	91	392877	52.417	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	498211	53.275	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	62228m	46.549	ug/l	
82) 4-Chlorotoluene	10.78	91	454614	52.112	ug/l	99
83) tert-Butylbenzene	11.10	119	503425	55.963	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	508542	53.361	ug/l	100
85) sec-Butylbenzene	11.33	105	589565	52.358	ug/l	97
86) p-Isopropyltoluene	11.48	119	520660	51.628	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	267087	52.926	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	267532	52.671	ug/l	99
89) n-Butylbenzene	11.89	91	413347	46.166	ug/l	96
90) Hexachloroethane	12.15	117	93356	47.454	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	276826	54.766	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	53075	53.200	ug/l	95
93) 1,2,4-Trichlorobenzene	13.51	180	170281	54.553	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	90469	51.494	ug/l	99
95) Naphthalene	13.74	128	602073	58.153	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	184124	59.199	ug/l	100

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

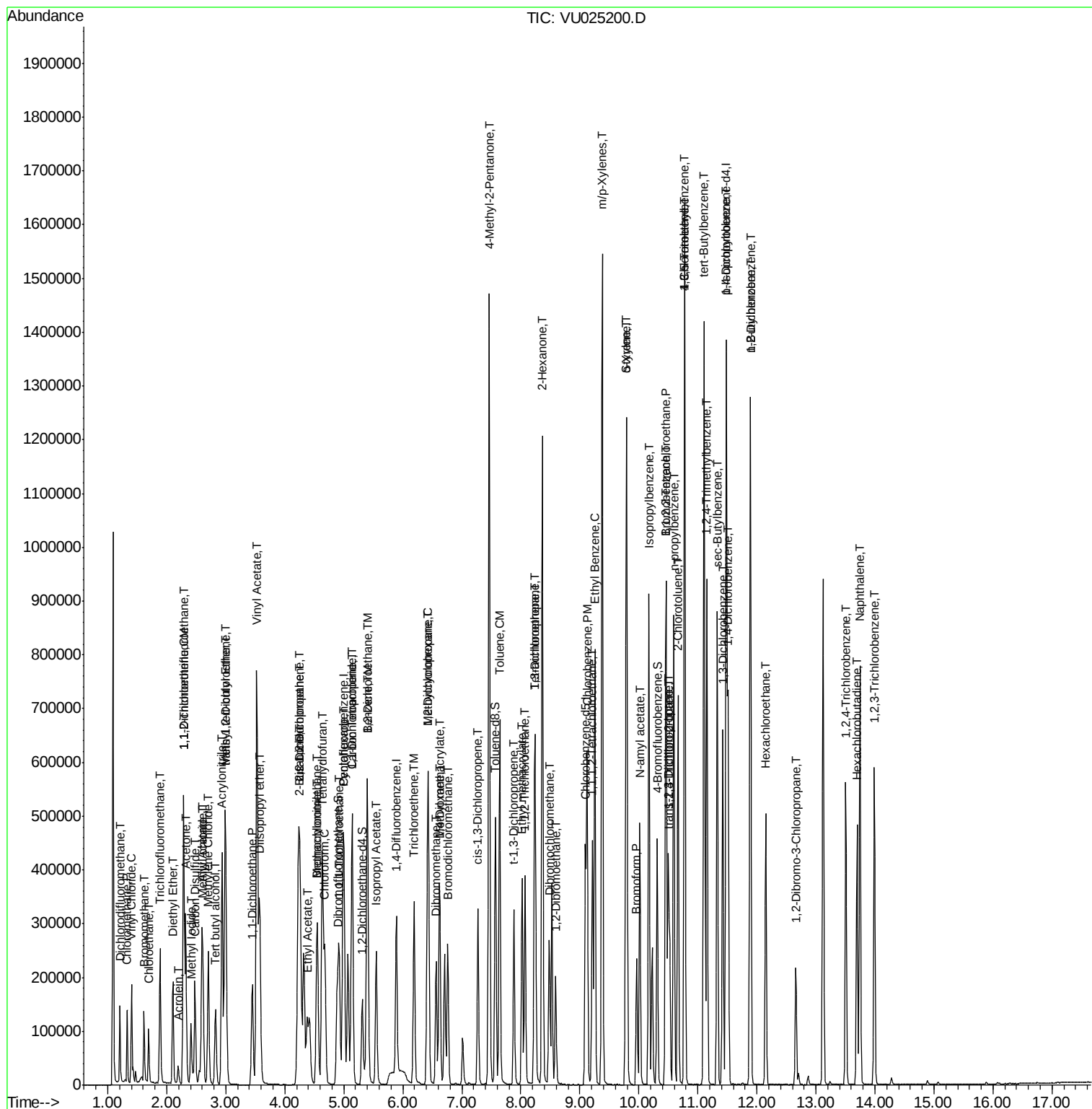
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Data File : VU025200.D
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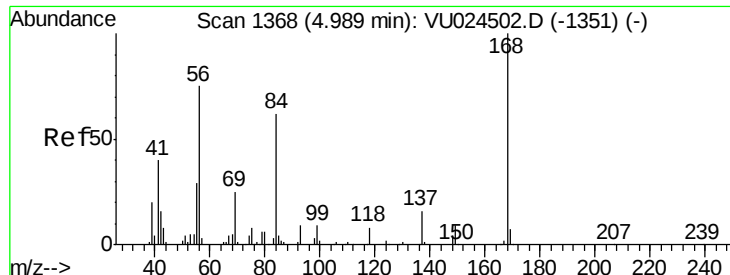
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Instrument :

MSVOA_U

ClientSampleId :

WP021MW011-180627MS

Tot Ion:168 Resp: 156659

Ion Ratio Lower Upper

168 100

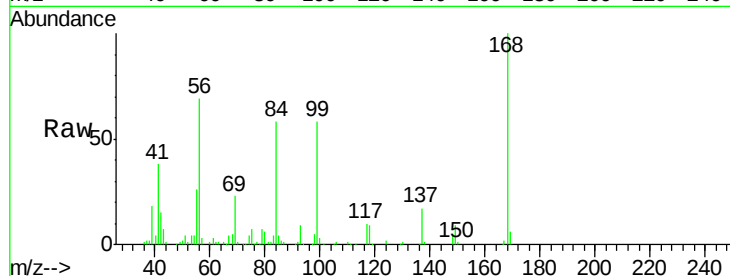
99 57.0 43.2 64.8

Manual Integrations

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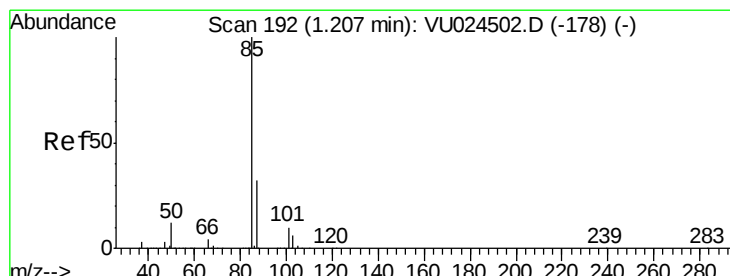
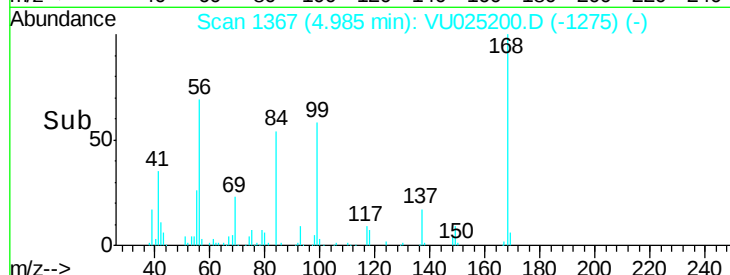
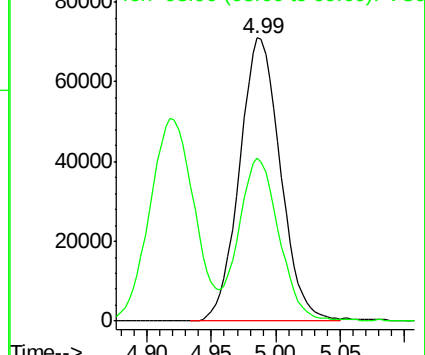
Sam

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 40.839 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025200.D

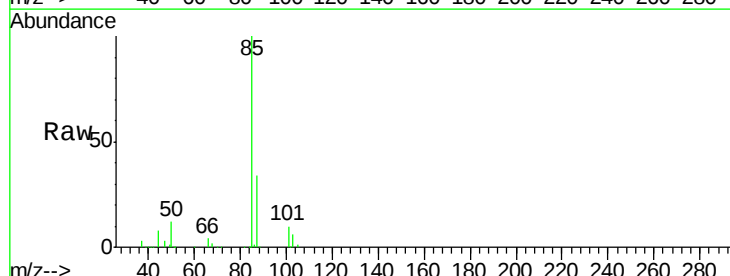
Acq: 03 Jul 2018 19:39

Tgt Ion: 85 Resp: 80080

Ion Ratio Lower Upper

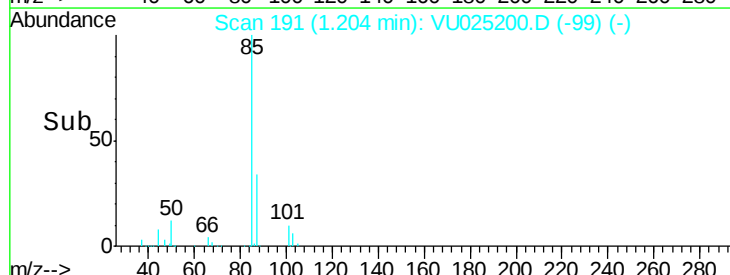
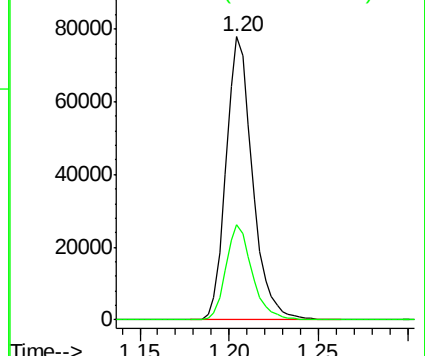
85 100

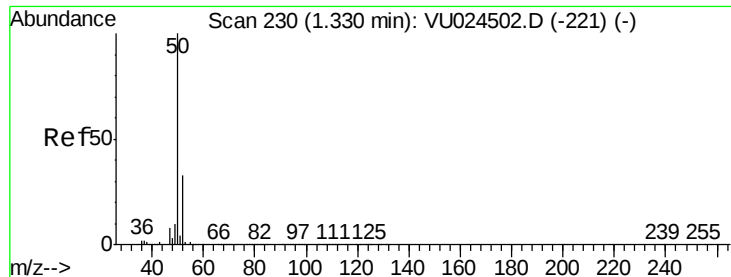
87 33.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 42.994 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Instrument :

MSVOA_U

ClientSampleId :

WP021MW011-180627MS

Tot Ion: 50 Resp: 86131

Ion Ratio Lower Upper

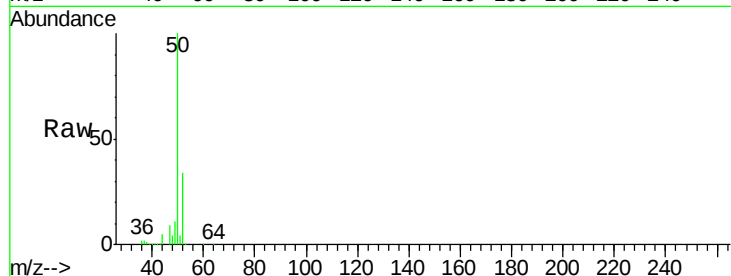
50 100

52 33.7 26.4 39.6

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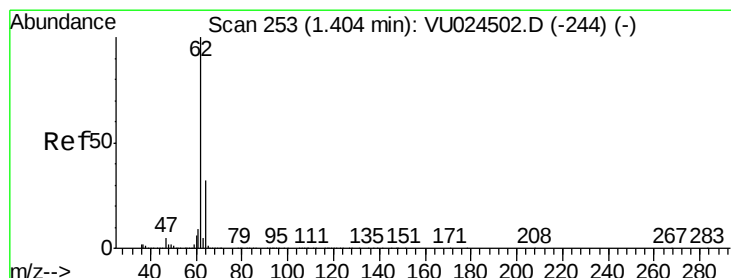
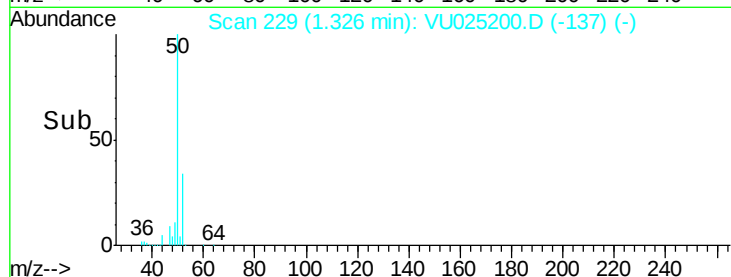
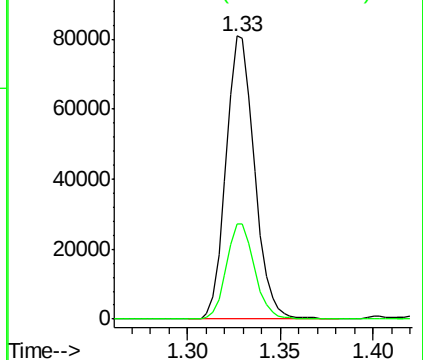
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 52.507 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025200.D

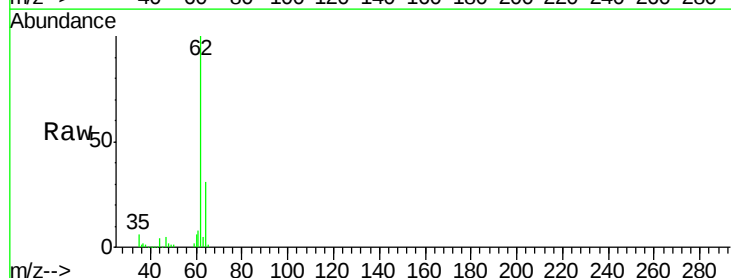
Acq: 03 Jul 2018 19:39

Tgt Ion: 62 Resp: 108480

Ion Ratio Lower Upper

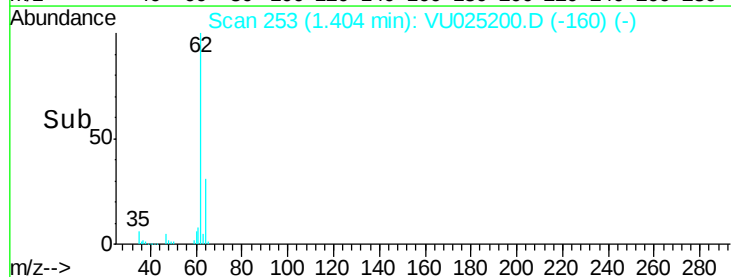
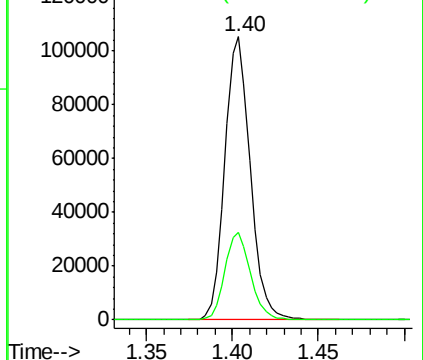
62 100

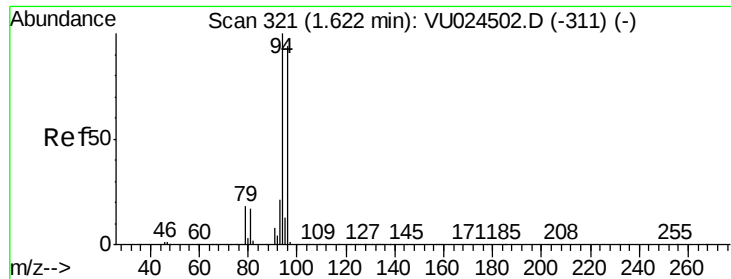
64 31.0 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 55.137 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU025200.D

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Tot Ion: 94 Resp: 55067

Ion Ratio Lower Upper

94 100

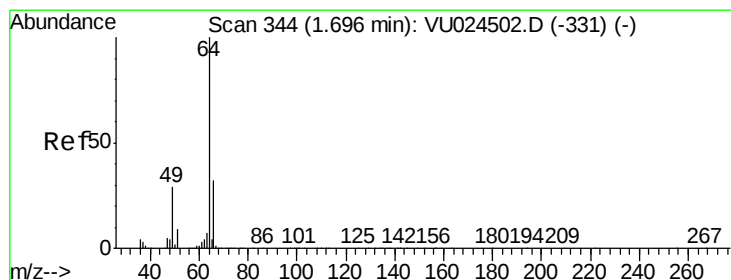
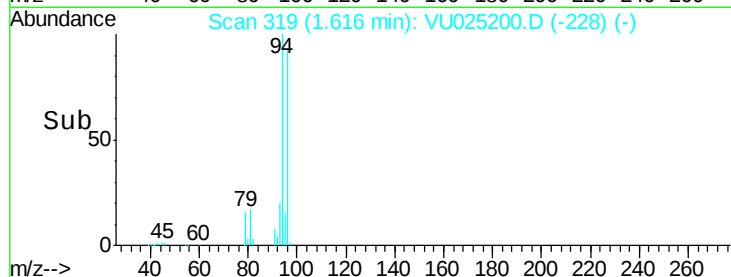
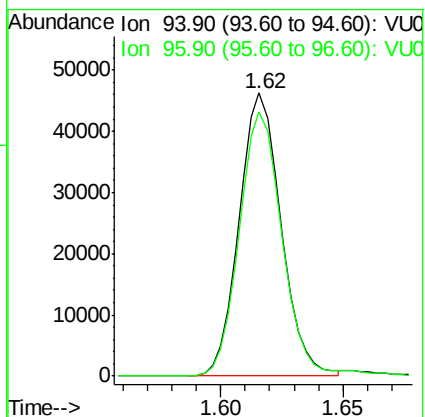
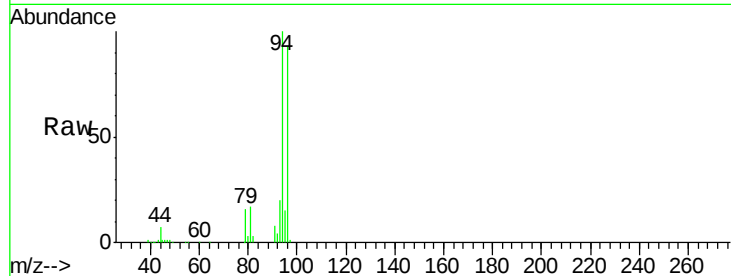
96 93.4 74.5 111.7

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#6

Chloroethane

Concen: 56.026 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

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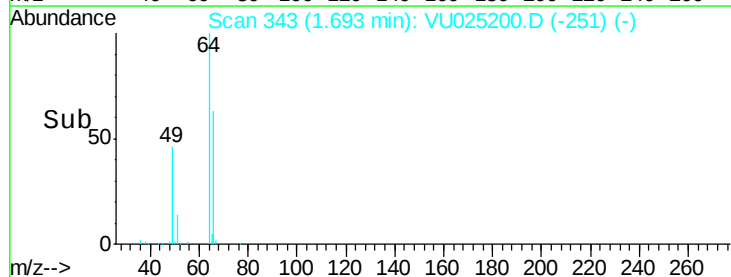
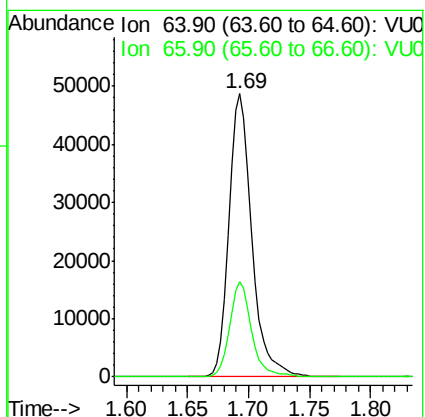
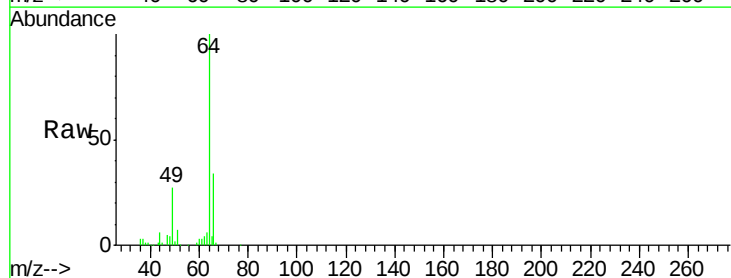
Acq: 03 Jul 2018 19:39

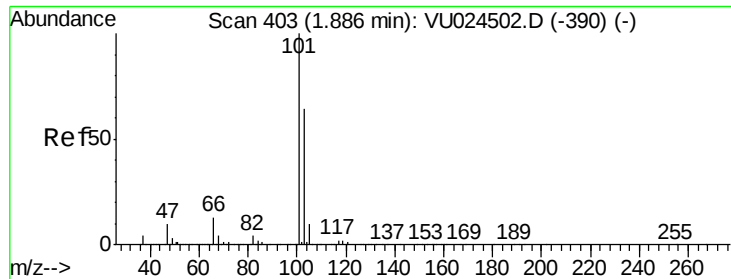
Tgt Ion: 64 Resp: 64533

Ion Ratio Lower Upper

64 100

66 33.6 25.5 38.3





#7

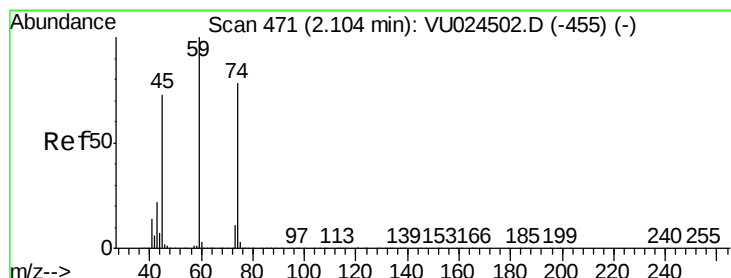
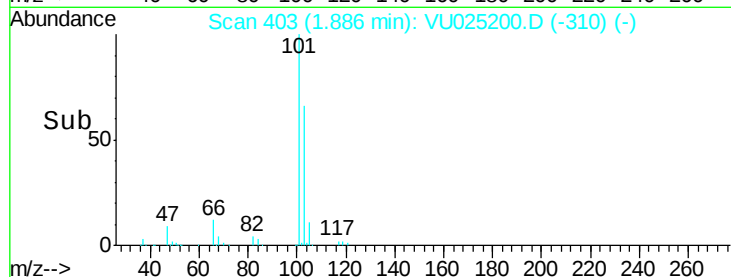
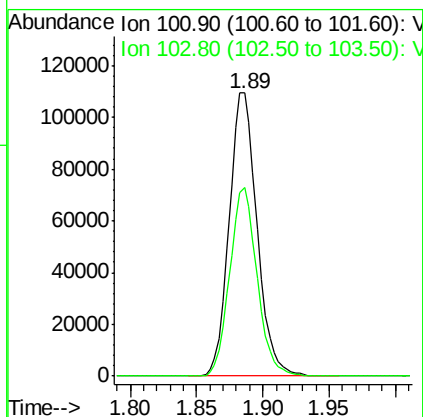
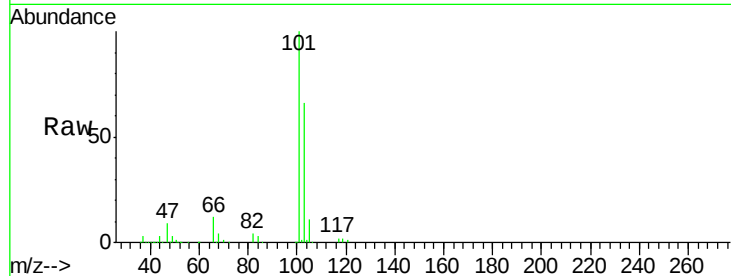
Trichlorofluoromethane
Concen: 50.637 ug/l
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	52.3	78.5

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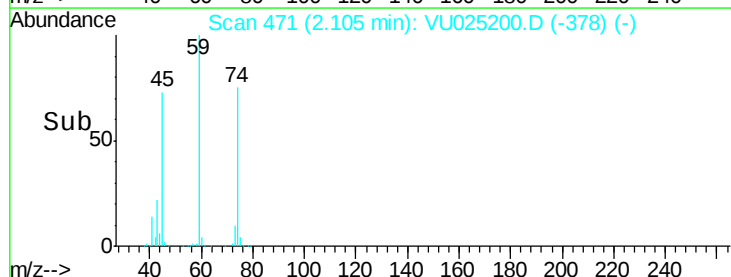
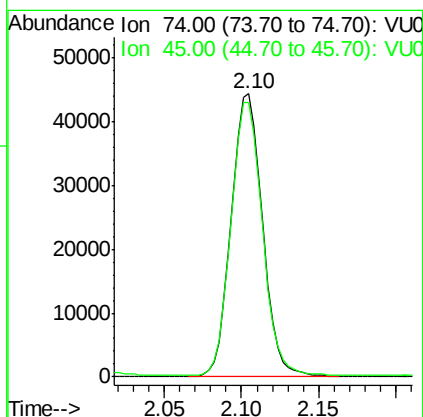
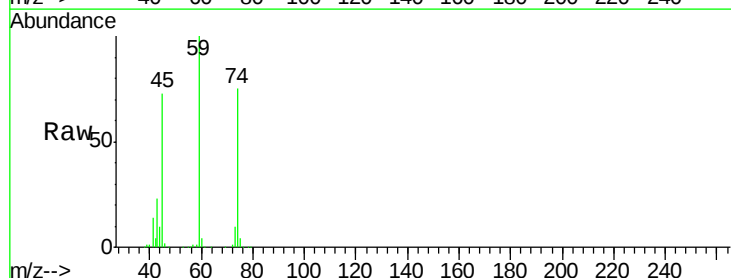
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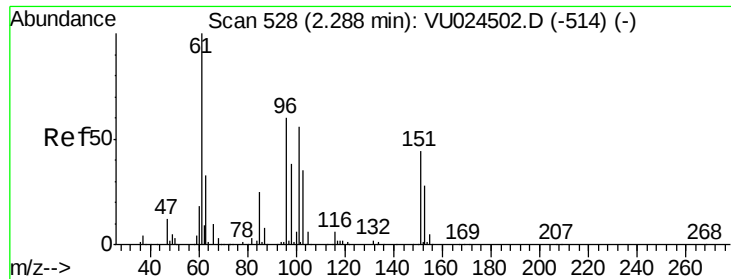


#8

Diethyl Ether
Concen: 58.224 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.0	55.0	165.0





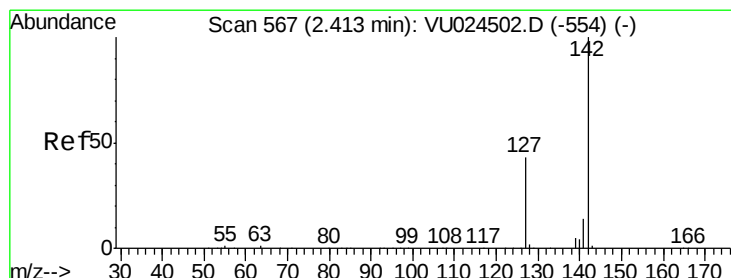
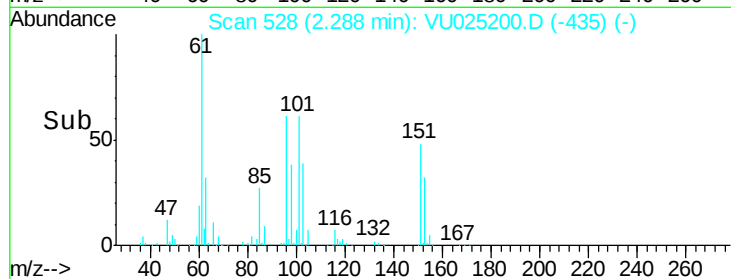
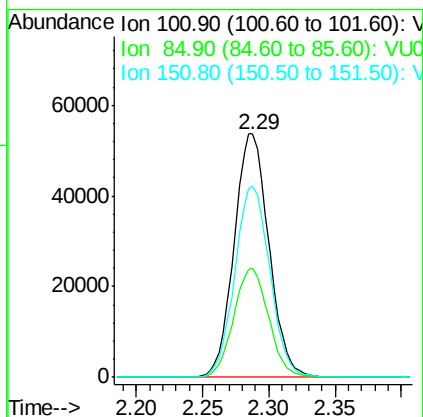
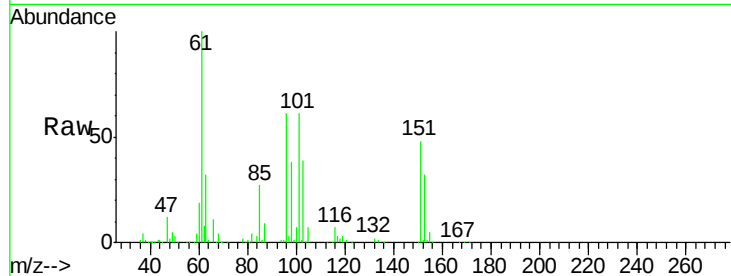
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.107 ug/l
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Instrument :
MSVOA_U
ClientSampleId :
WP021MW011-180627MS

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.8	36.0	54.0
151	79.3	62.3	93.5

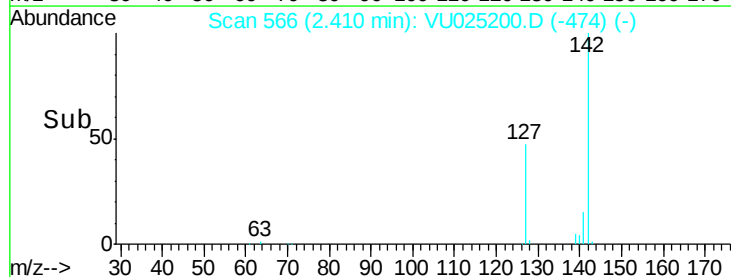
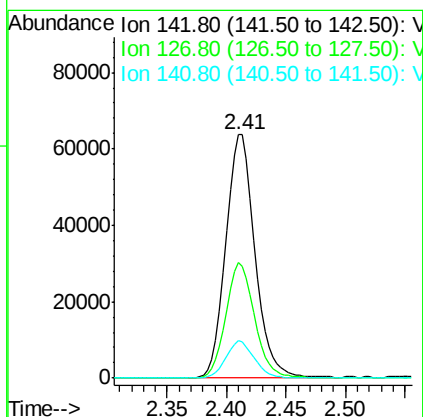
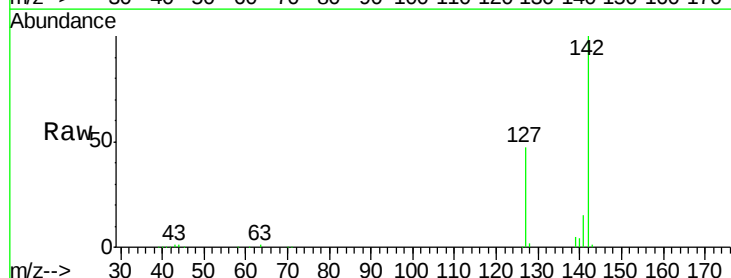
Manual Integrations
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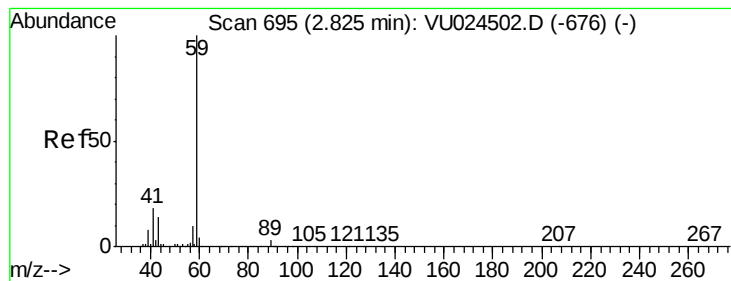
sam
7/5/2018 2:30:26 PM



#10
Methyl Iodide
Concen: 64.070 ug/l
RT: 2.41 min Scan# 566
Delta R.T. -0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.7	35.6	53.4
141	14.7	11.7	17.5





#11

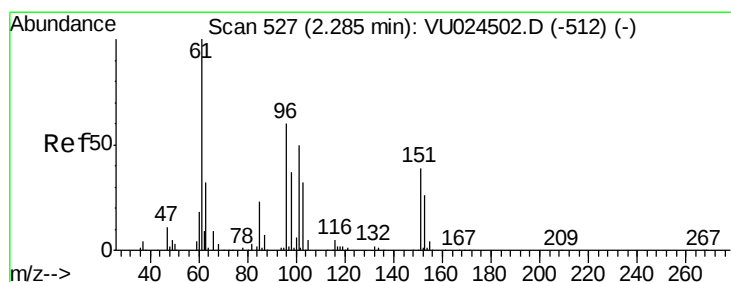
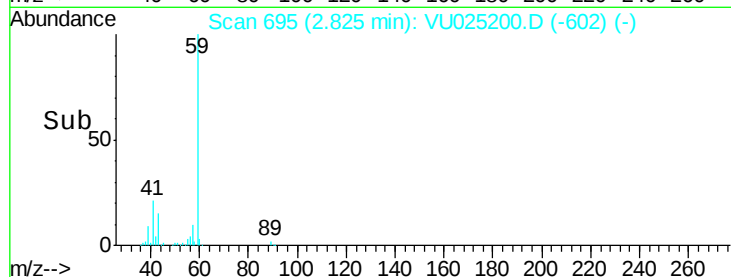
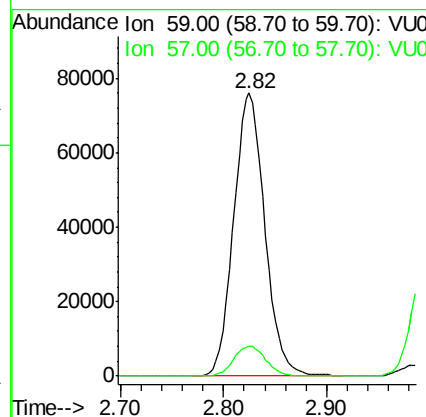
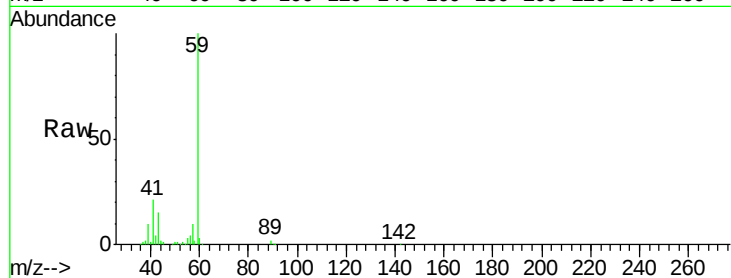
Tert butyl alcohol
 Concen: 256.717 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW011-180627MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.5	12.7

Manual Integrations
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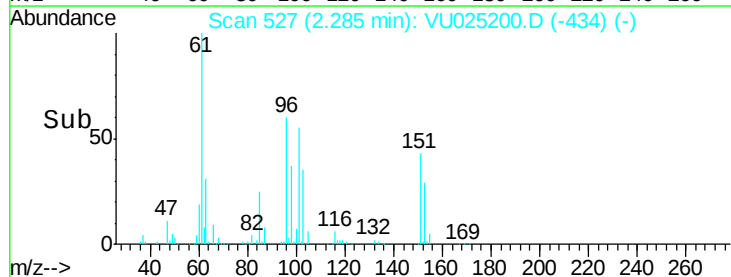
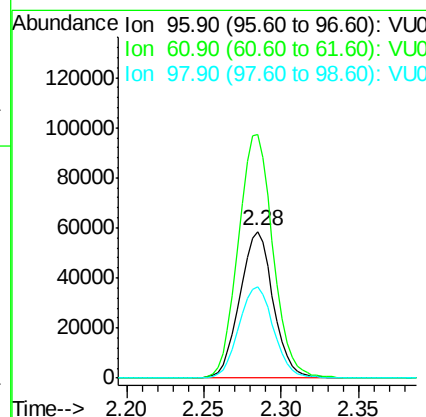
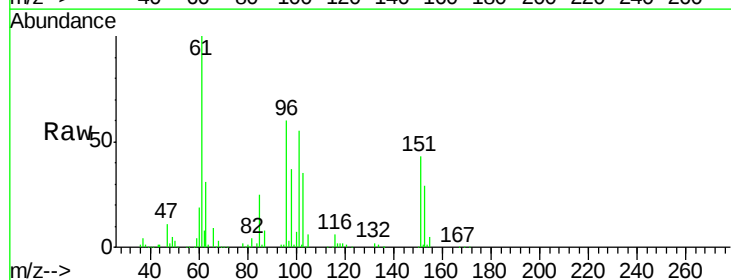
sam
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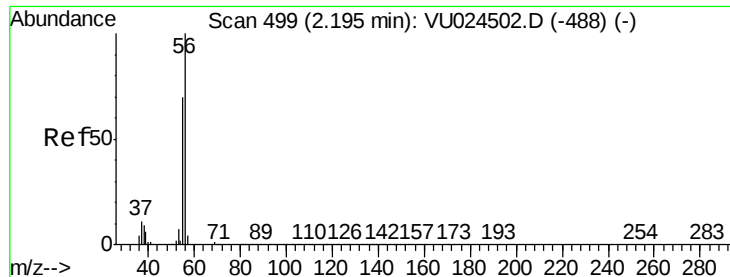


#12

1,1-Dichloroethene
 Concen: 49.412 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.9	141.7	212.5
98	61.8	51.6	77.4





#13

Acrolein

Concen: 69.133 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Instrument :

MSVOA_U

ClientSampleId :

WP021MW011-180627MS

Tot Ion: 56 Resp: 22581

Ion Ratio Lower Upper

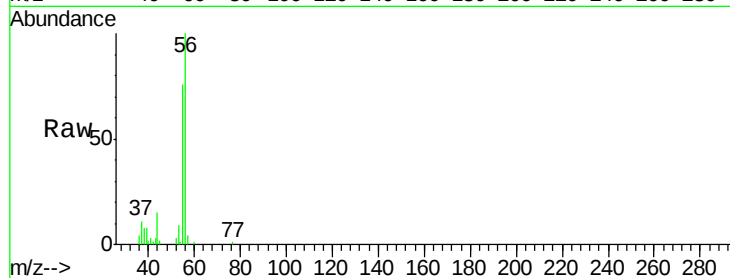
56 100

55 73.5 58.4 87.6

Manual Integrations
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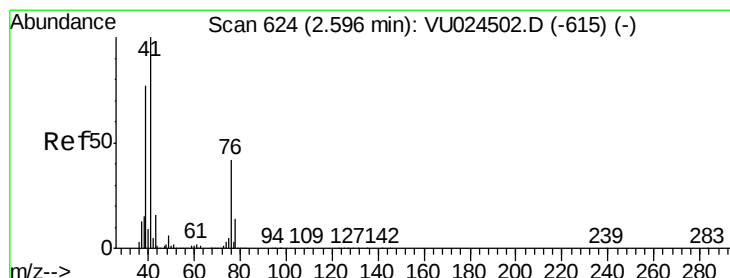
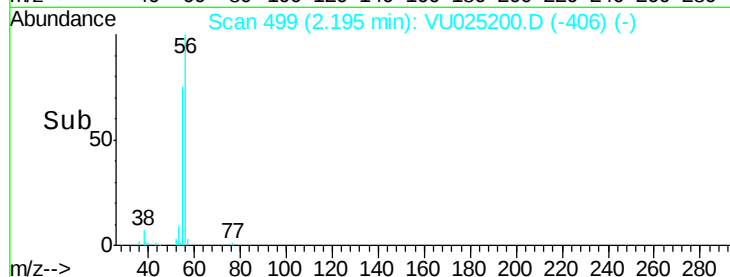
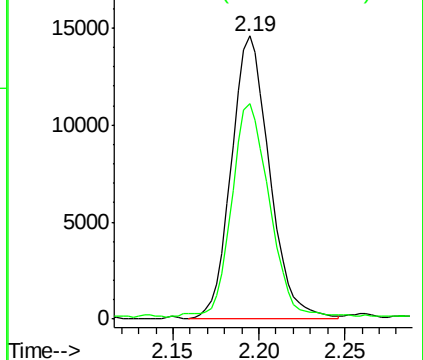
sam

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Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 45.804 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

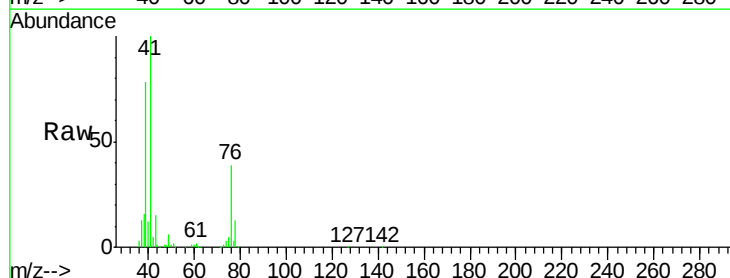
Tgt Ion: 41 Resp: 151704

Ion Ratio Lower Upper

41 100

39 79.5 61.6 92.4

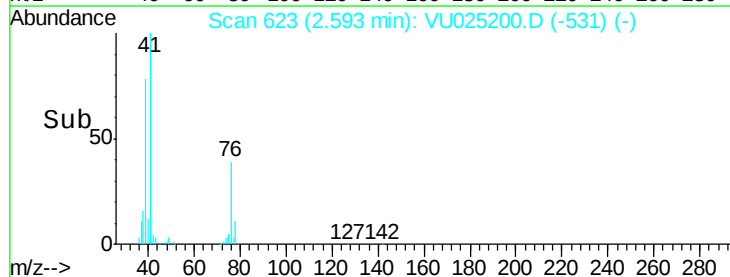
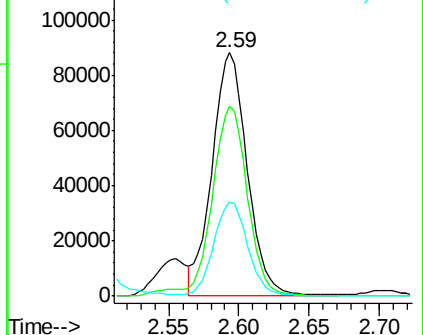
76 37.4 29.7 44.5

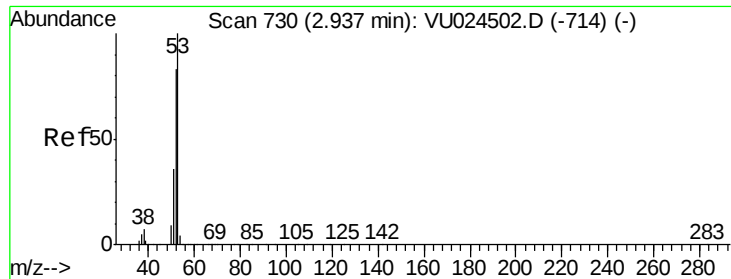


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 279.659 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Instrument :

MSVOA_U

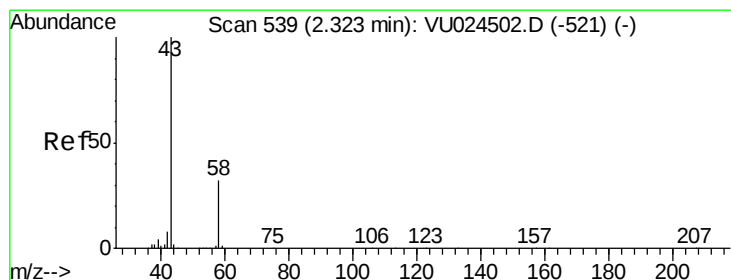
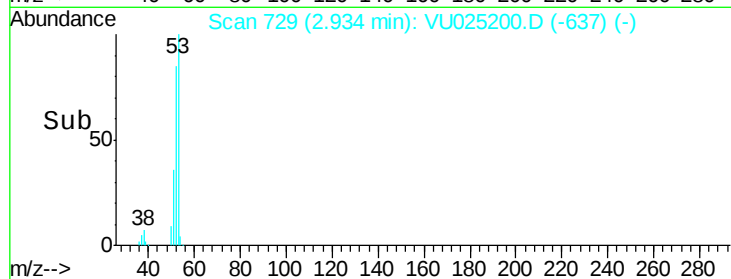
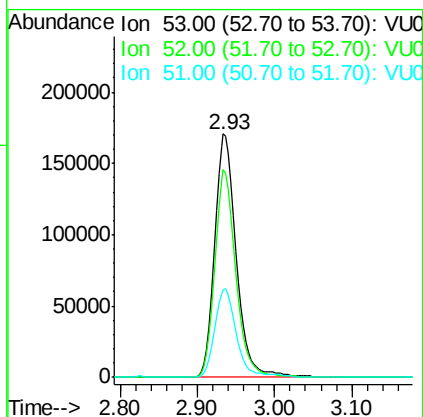
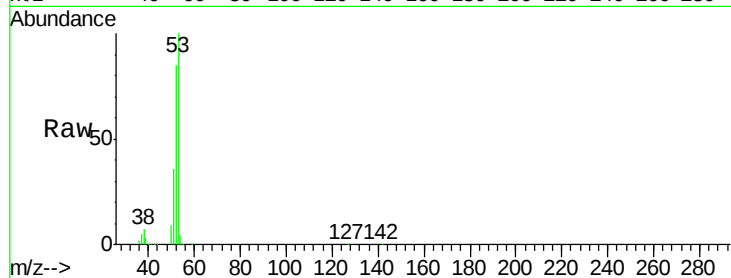
ClientSampleId :

WP021MW011-180627MS

Tot Ion	53	Resp	338438
Ion	Ratio	Lower	Upper
53	100		
52	82.9	67.1	100.7
51	36.9	28.4	42.6

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#16

Acetone

Concen: 231.428 ug/l

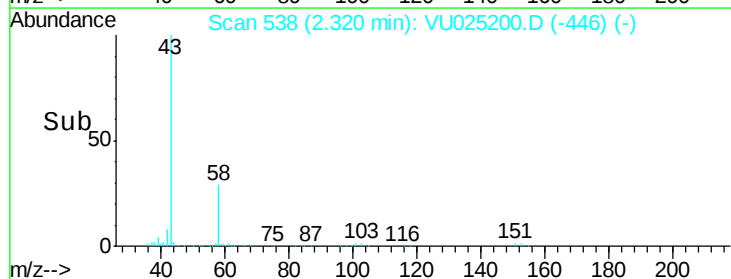
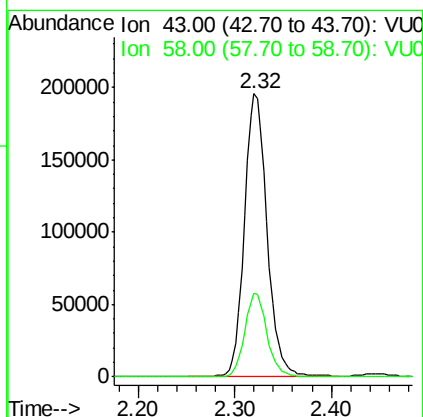
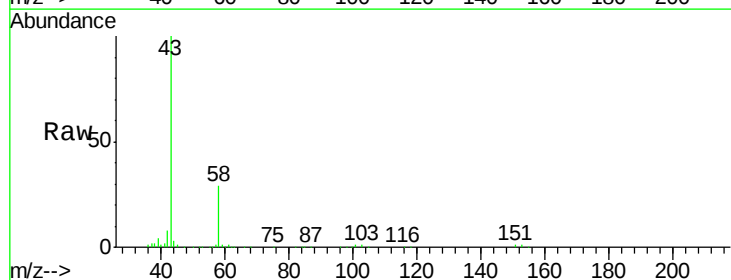
RT: 2.32 min Scan# 538

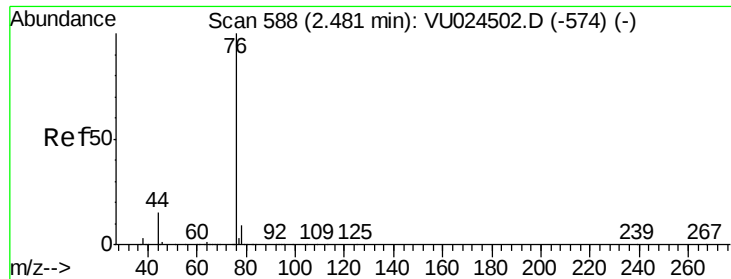
Delta R.T. -0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Tgt Ion	43	Resp	318014
Ion	Ratio	Lower	Upper
43	100		
58	29.4	24.4	36.6





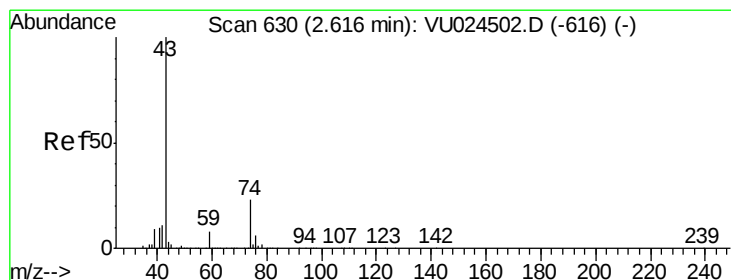
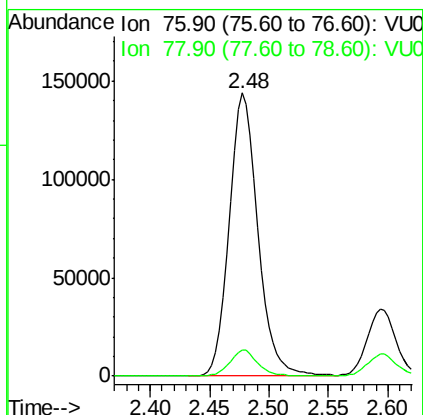
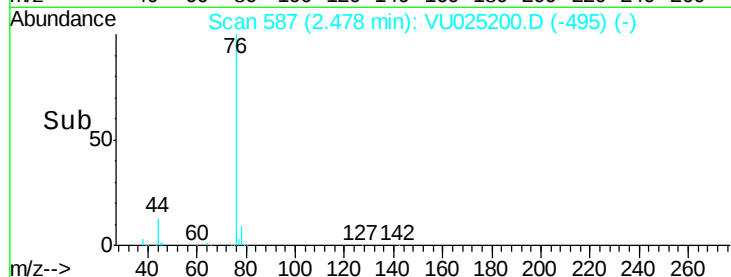
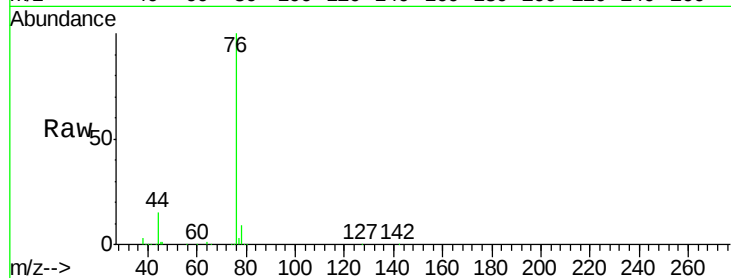
#17
Carbon Disulfide
Concen: 42.122 ug/l
RT: 2.48 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Instrument :
MSVOA_U
ClientSampleId :
WP021MW011-180627MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

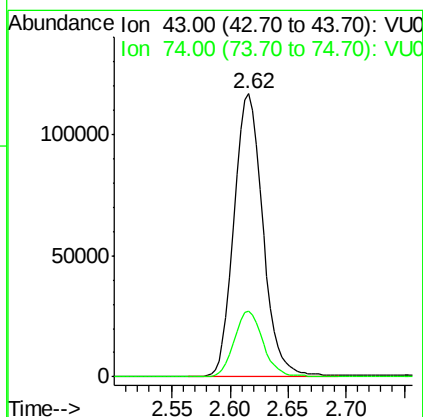
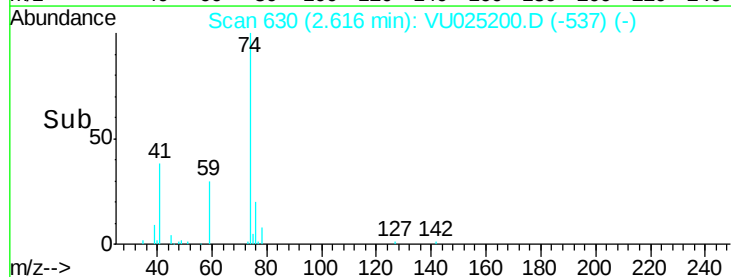
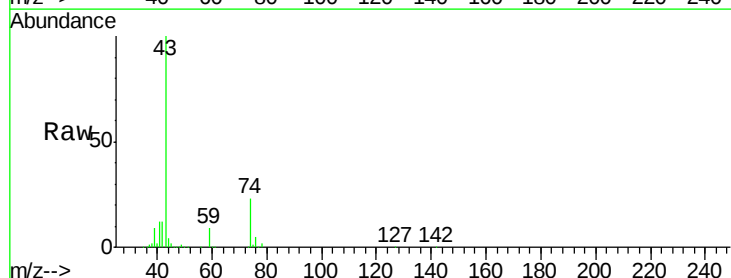
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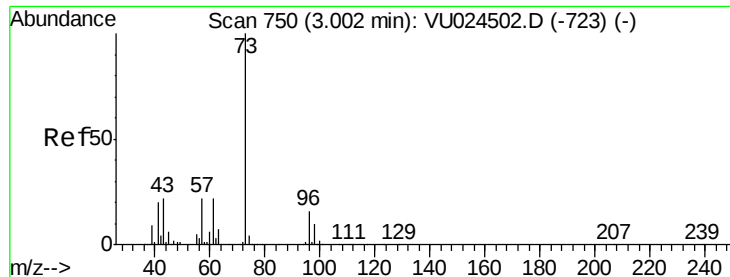
sam
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#18
Methyl Acetate
Concen: 68.068 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	18.0	27.0





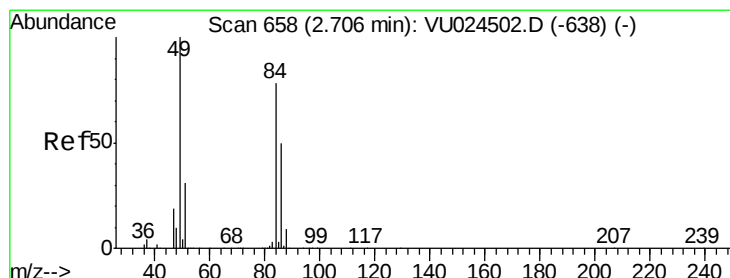
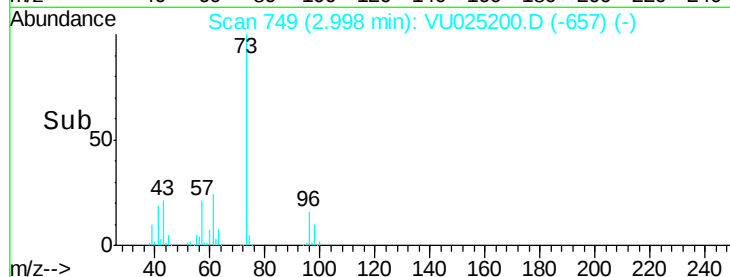
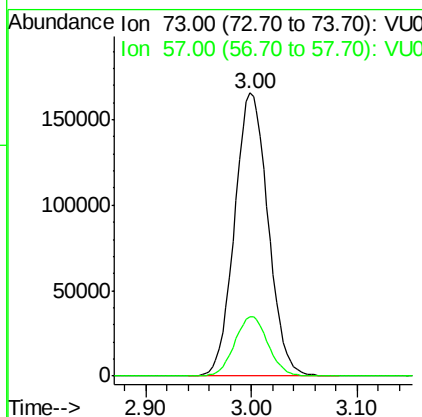
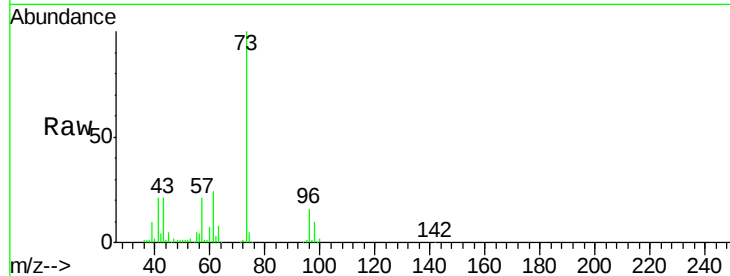
#19
Methvl tert-butvl Ether
Concen: 54.432 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Instrument :
MSVOA_U
ClientSampleId :
WP021MW011-180627MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	18.8	28.2

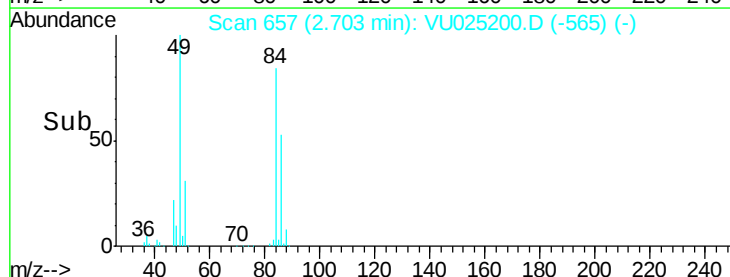
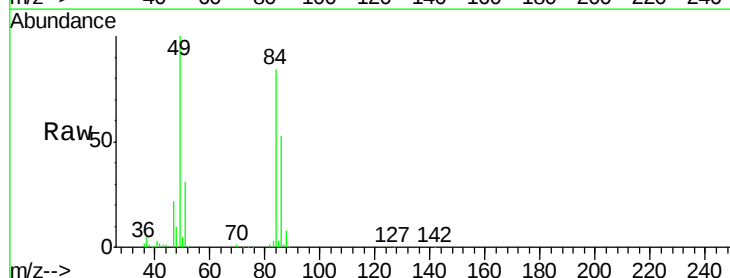
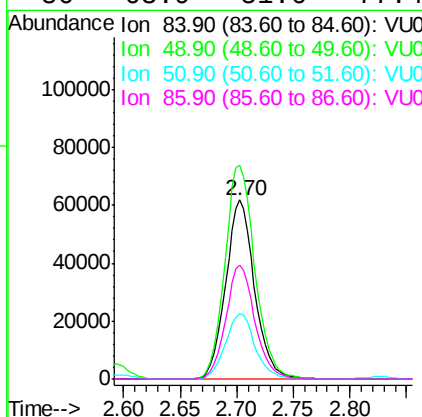
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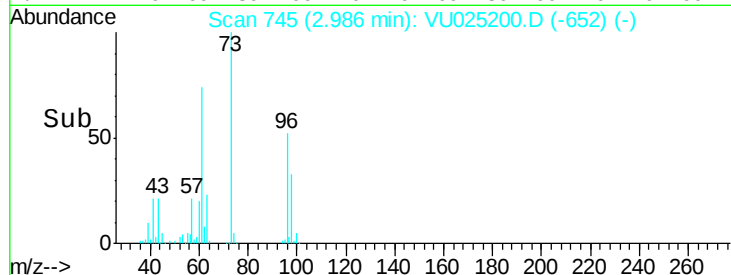
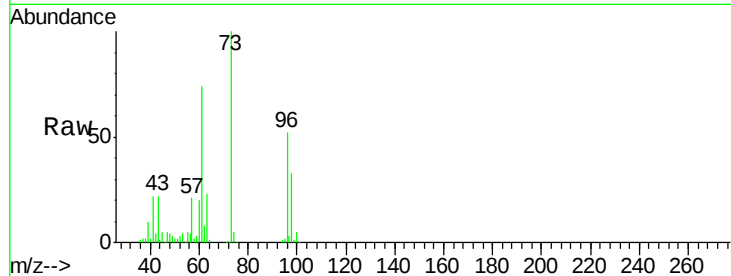
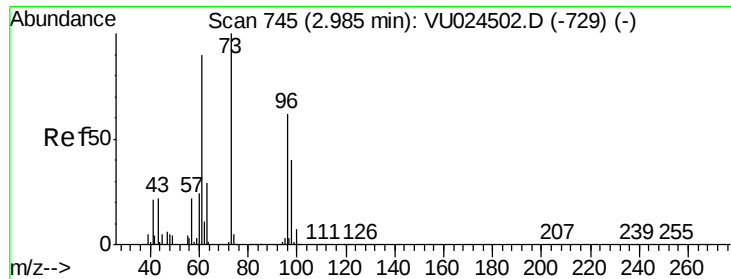
sam
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#20
Methylene Chloride
Concen: 50.855 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.6	103.8	155.8
51	36.9	32.0	48.0
86	63.9	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 51.395 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025200.D

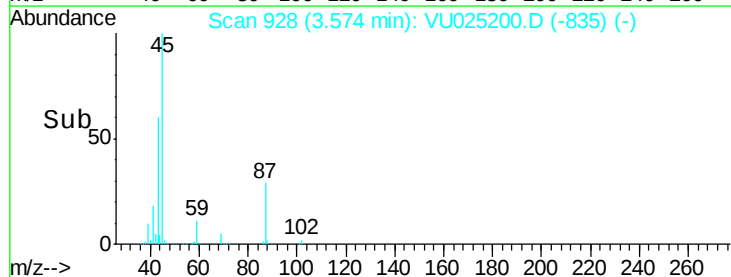
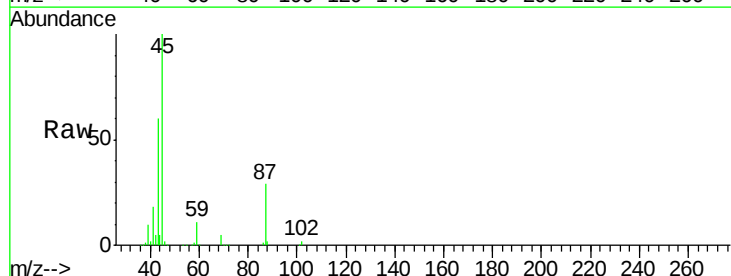
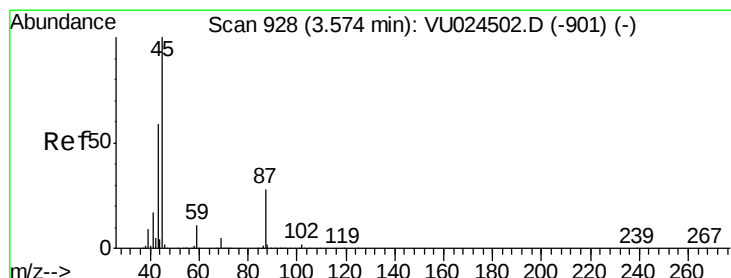
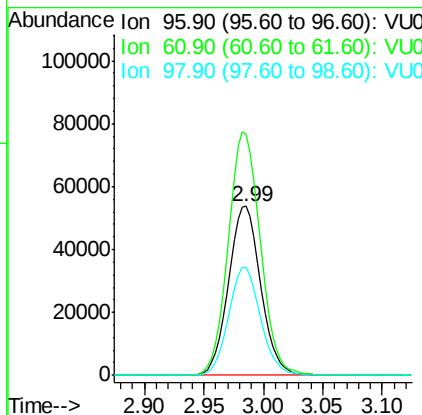
Acq: 03 Jul 2018 19:39

Tot Ion:	96	Resp:	100974
Ion Ratio	Lower	Upper	
96	100		
61	142.4	119.4	179.0
98	63.6	51.1	76.7

Instrument :
MSVOA_U
ClientSampleId :
WP021MW011-180627MS

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#22

Diisopropyl ether

Concen: 53.261 ug/l

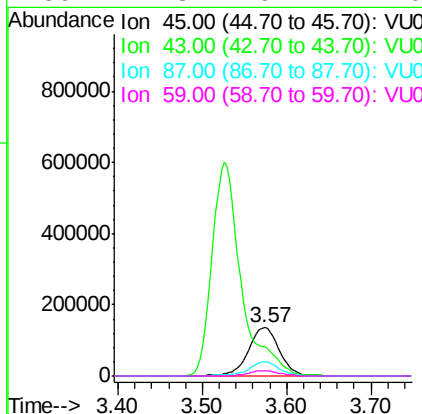
RT: 3.57 min Scan# 928

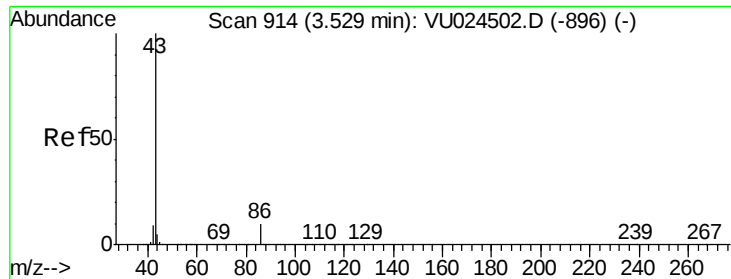
Delta R.T. 0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Tgt Ion:	45	Resp:	349693
Ion Ratio	Lower	Upper	
45	100		
43	58.9	45.8	68.6
87	29.2	20.6	31.0
59	11.3	9.4	14.0





#23

Vinyl Acetate

Concen: 246.935 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Instrument :

MSVOA_U

ClientSampleId :

WP021MW011-180627MS

Tot Ion: 43 Resp: 1452329

Ion Ratio Lower Upper

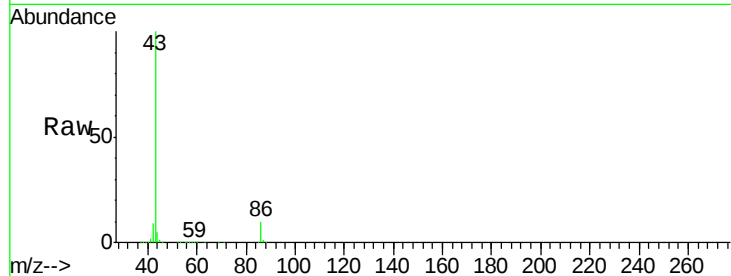
43 100

86 10.1 7.8 11.8

Manual Integrations
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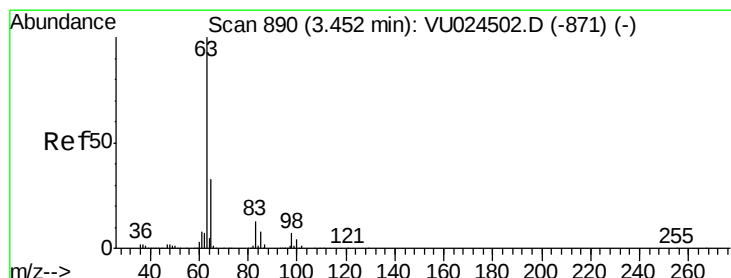
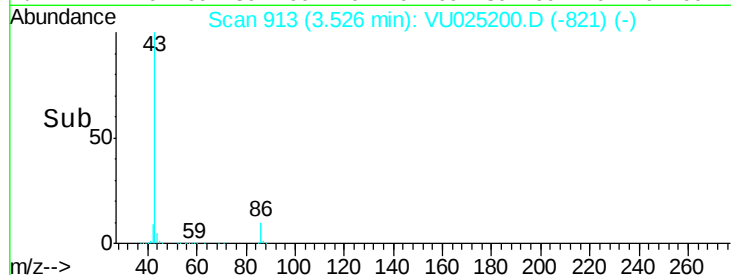
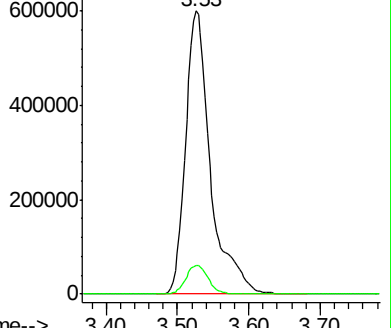
sam

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 53.222 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

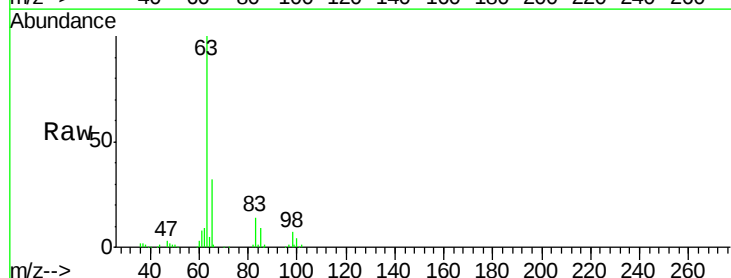
Tgt Ion: 63 Resp: 201021

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

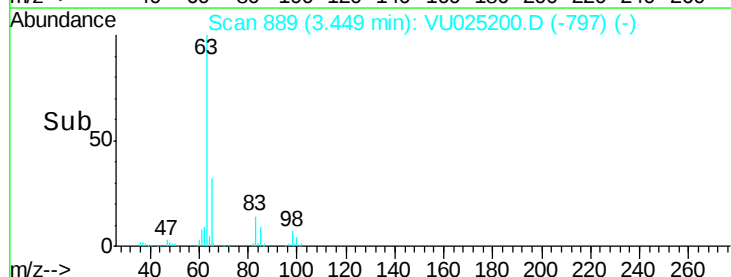
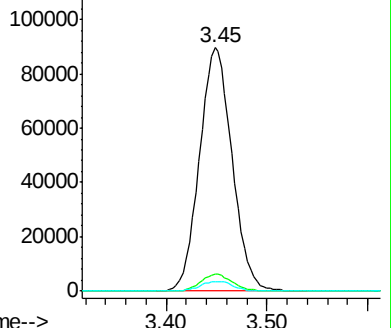
100 3.8 1.8 5.5

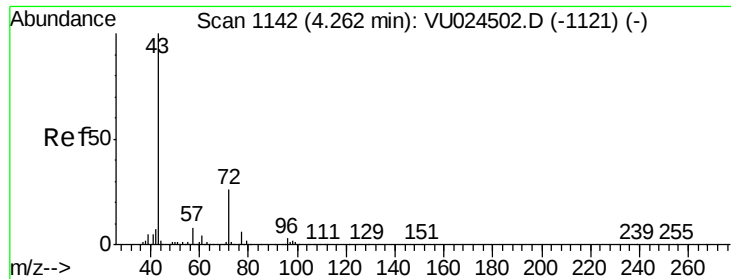


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 269.140 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Tot Ion: 43 Resp: 496773

Ion Ratio Lower Upper

43 100

72 26.3 19.6 29.4

Instrument :

MSVOA_U

ClientSampleId :

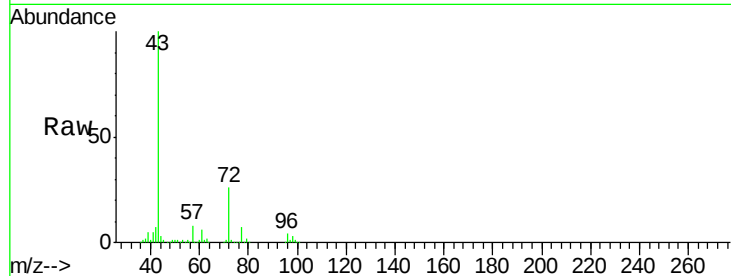
WP021MW011-180627MS

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

200000

150000

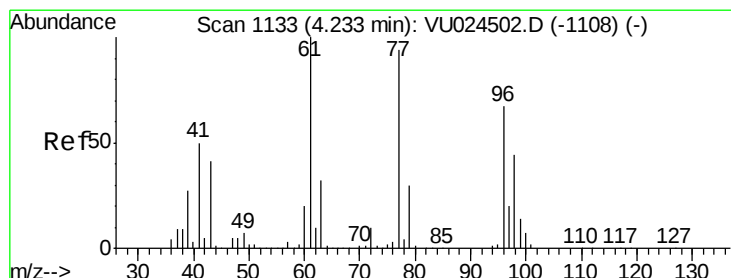
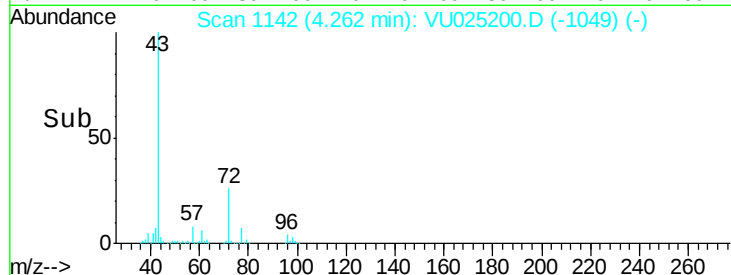
100000

50000

0

4.20 4.26 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 42.124 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025200.D

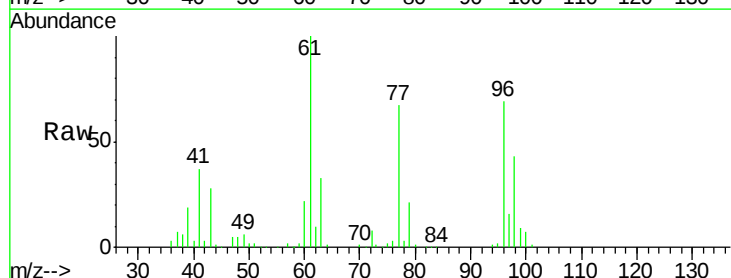
Acq: 03 Jul 2018 19:39

Tgt Ion: 77 Resp: 151074

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

60000

50000

40000

30000

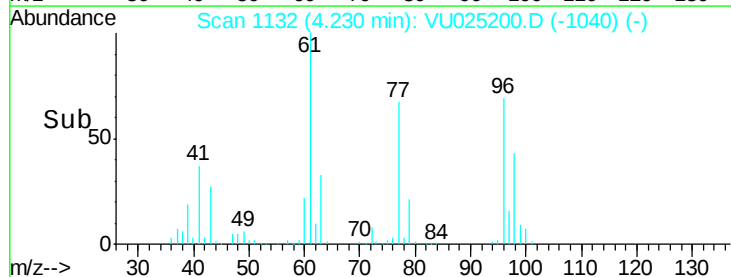
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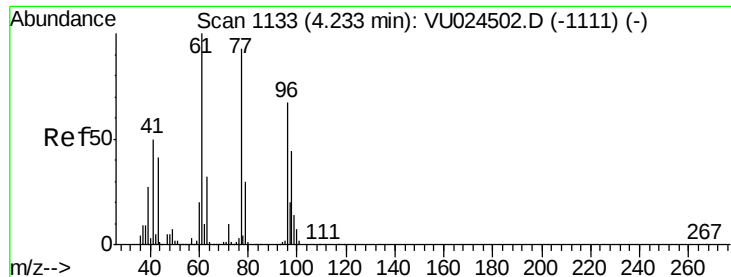
10000

0

4.10 4.23 4.30

Time-->





#27

cis-1,2-Dichloroethene

Concen: 61.209 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Instrument :

MSVOA_U

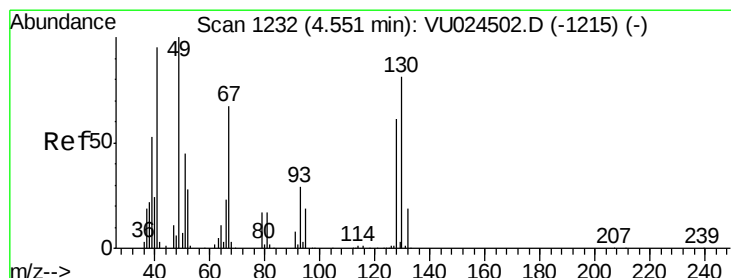
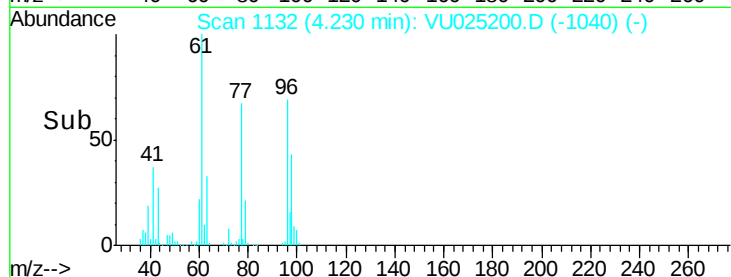
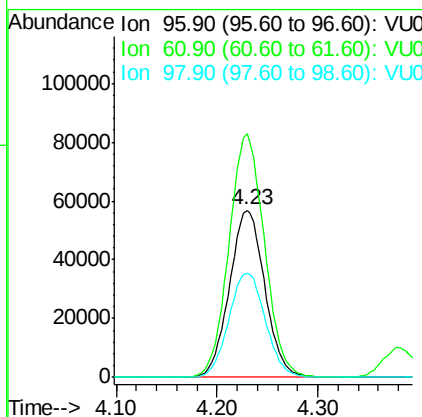
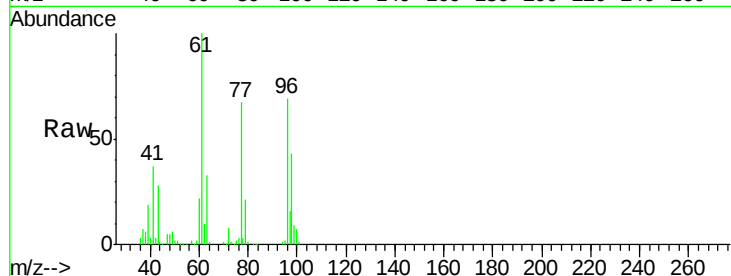
ClientSampleId :

WP021MW011-180627MS

Tot Ion:	96	Resp:	138253
Ion Ratio	Lower	Upper	
96	100		
61	146.2	0.0	306.6
98	64.7	0.0	128.8

Manual Integrations
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#28

Bromochloromethane

Concen: 45.240 ug/l

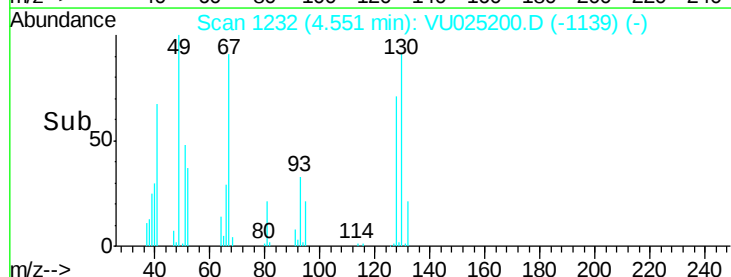
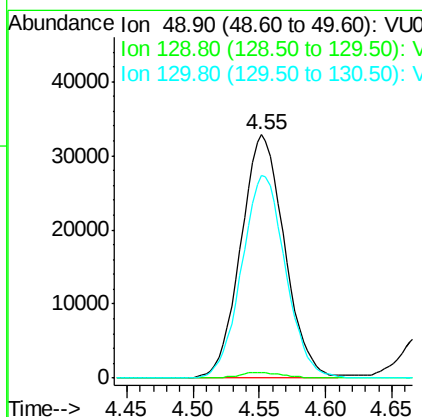
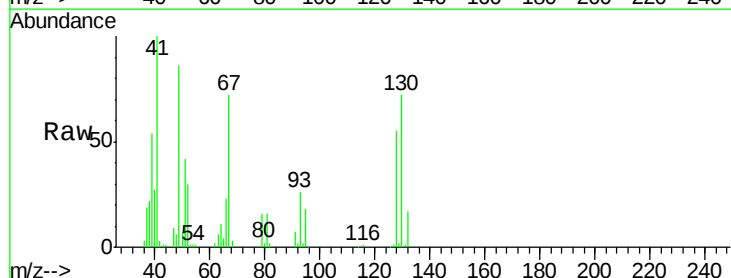
RT: 4.55 min Scan# 1232

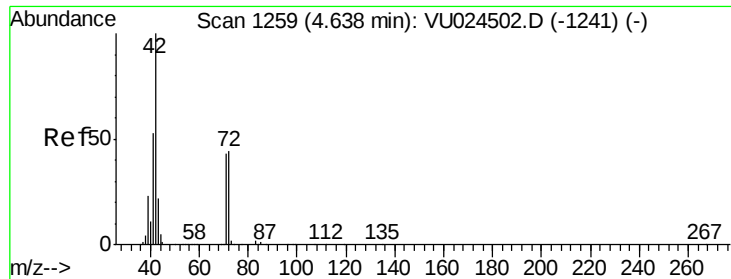
Delta R.T. 0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Tgt Ion:	49	Resp:	75263
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	3.8
130	83.7	57.8	86.6





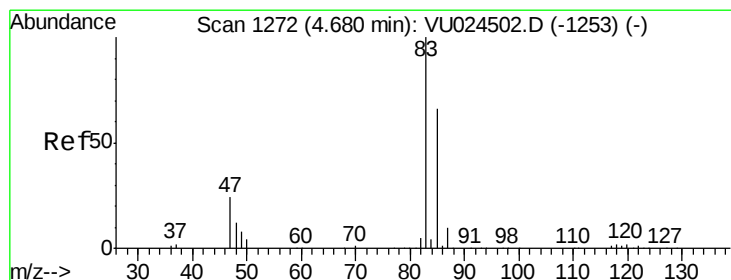
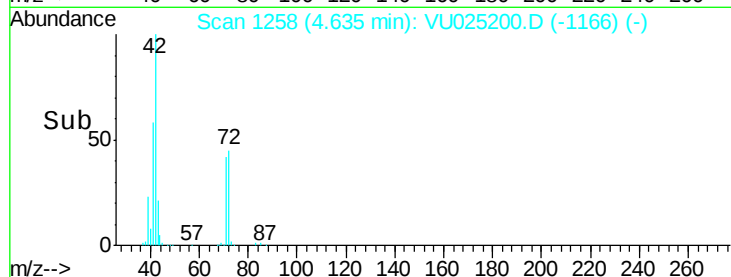
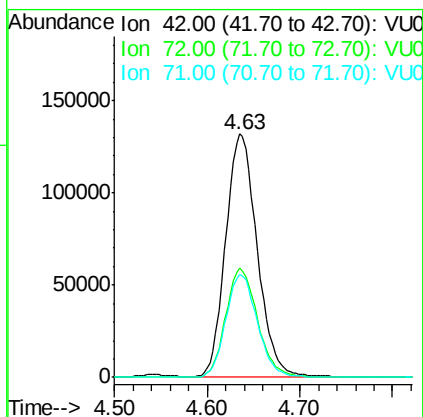
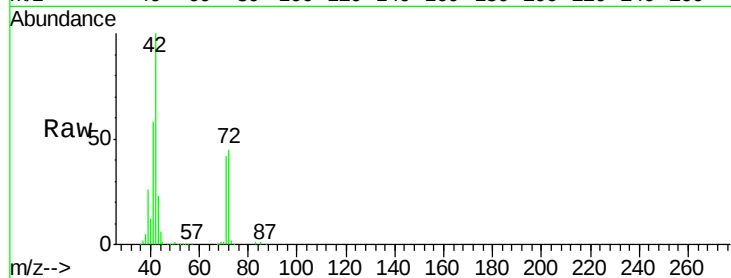
#29
Tetrahydrofuran
Concen: 271.565 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Instrument :
MSVOA_U
ClientSampleId :
WP021MW011-180627MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	34.5	51.7
71	42.6	32.2	48.4

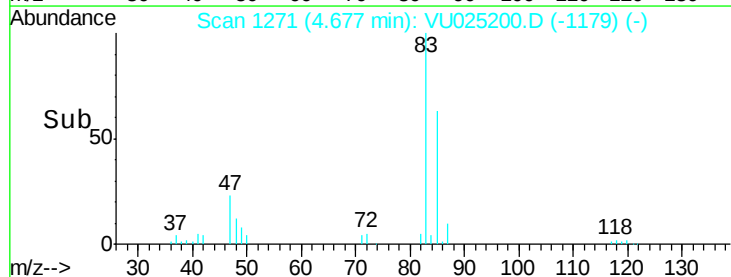
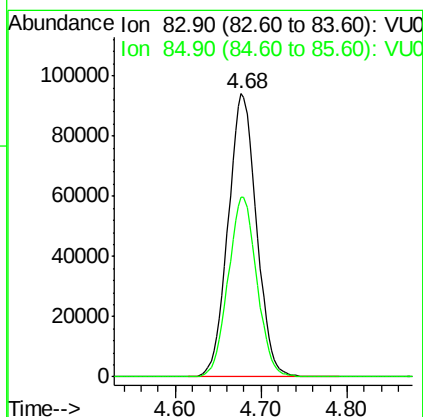
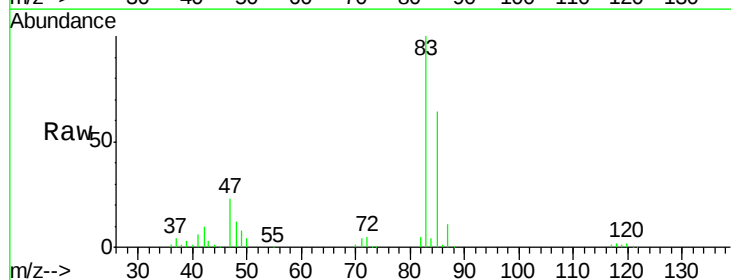
Manual Integrations
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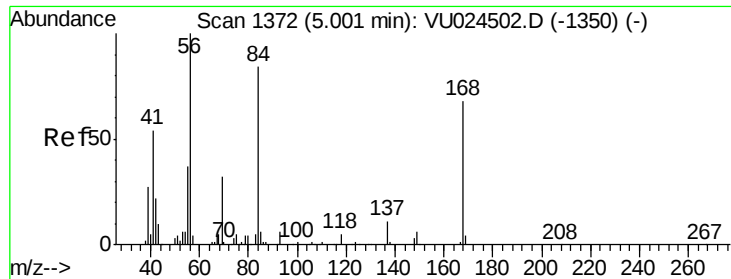
sam
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#30
Chloroform
Concen: 56.282 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.4	78.6





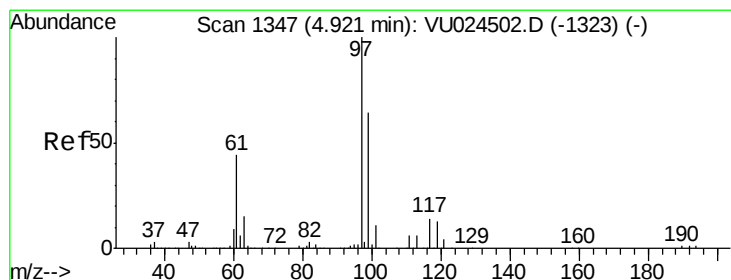
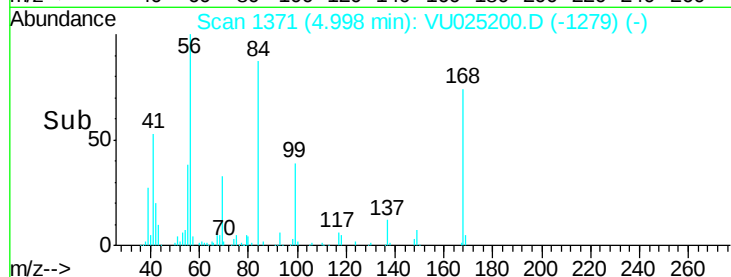
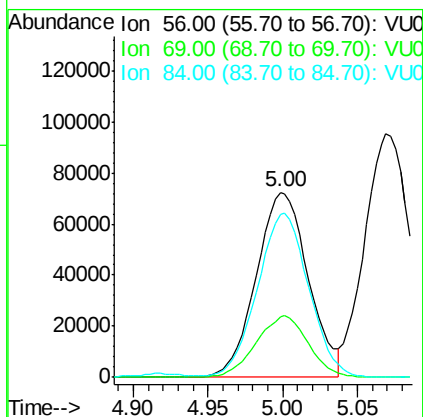
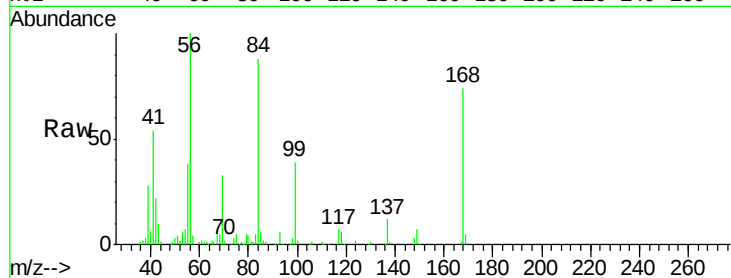
#31
Cyclohexane
Concen: 52.196 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Instrument :
MSVOA_U
ClientSampleId :
WP021MW011-180627MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	24.8	37.2
84	87.1	65.2	97.8

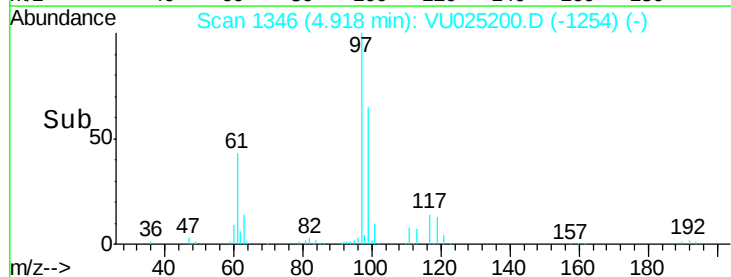
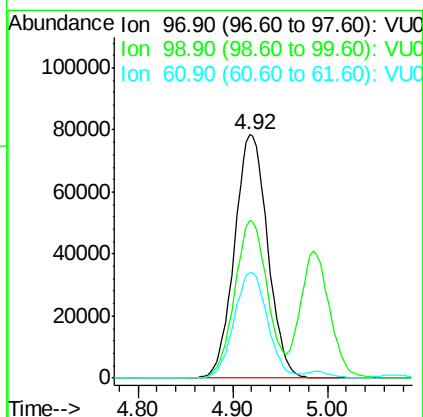
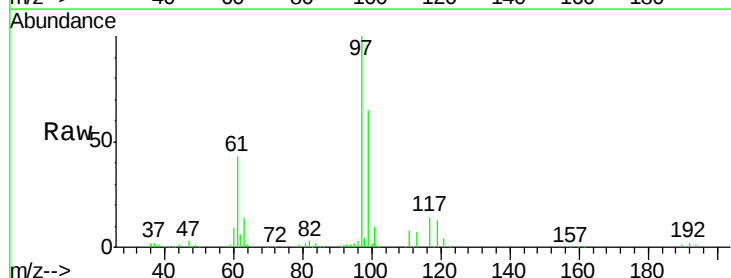
Manual Integrations
APPROVED

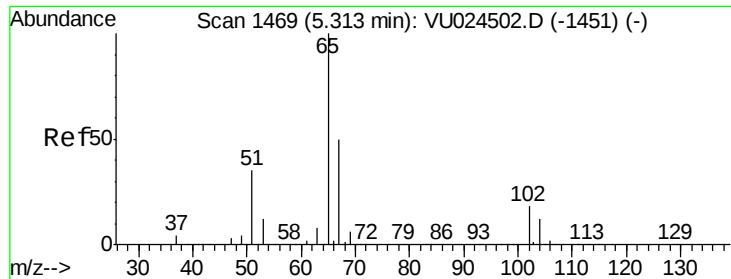
sam
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#32
1,1,1-Trichloroethane
Concen: 54.021 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.0	76.6
61	43.9	39.4	59.0





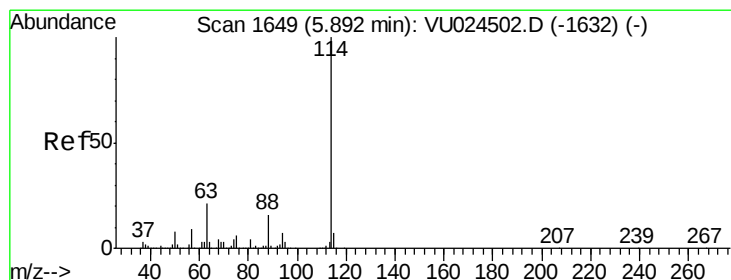
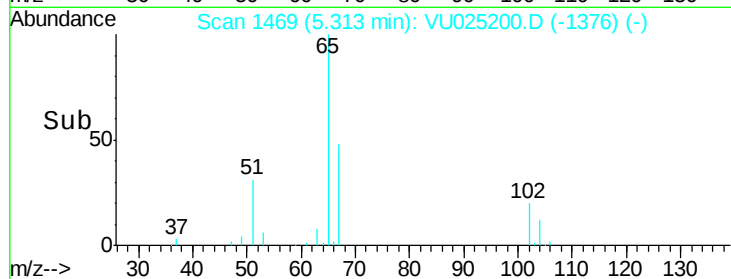
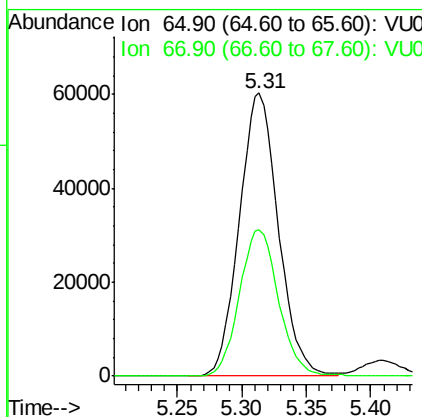
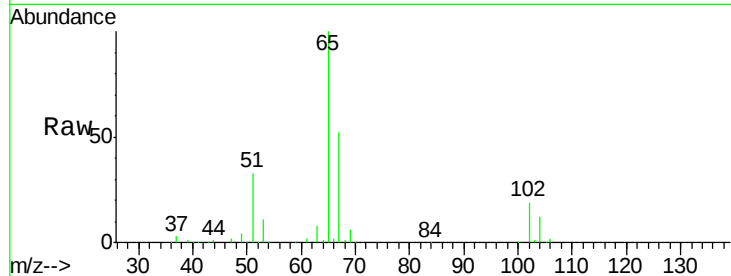
#33
 1,2-Dichloroethane-d4
 Concen: 49.667 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW011-180627MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	107.0

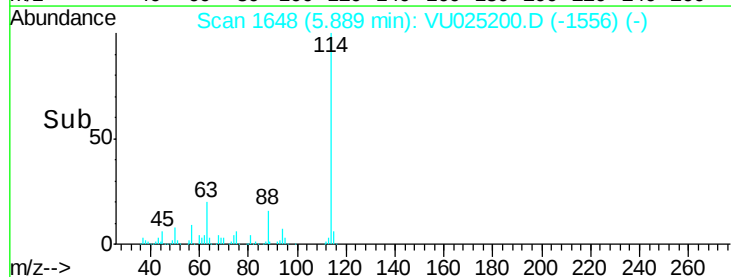
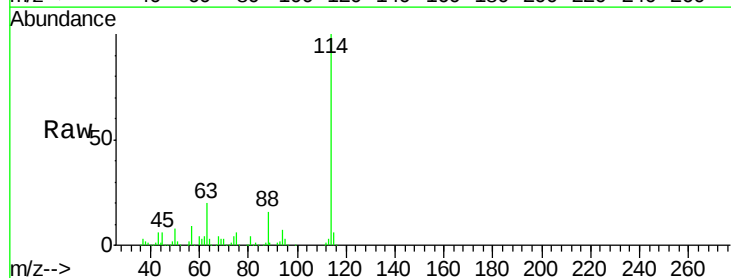
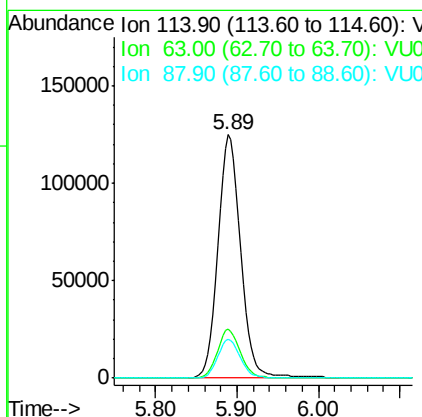
Manual Integrations
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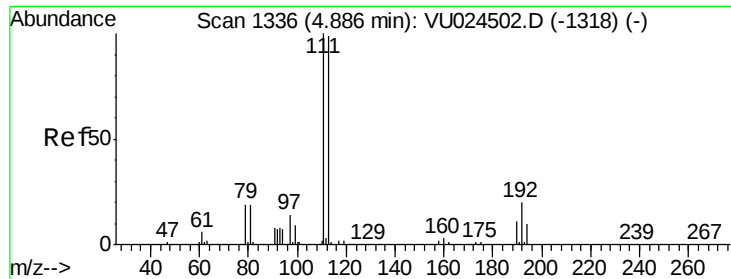
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	45.4
88	16.1	0.0	31.0





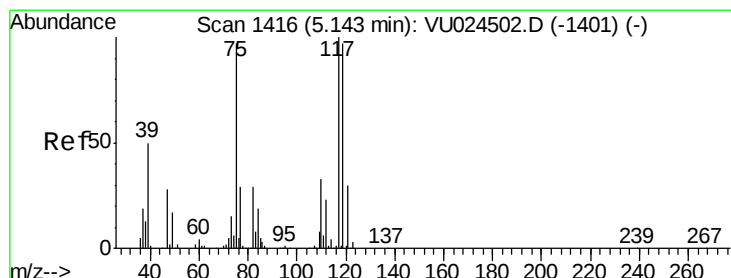
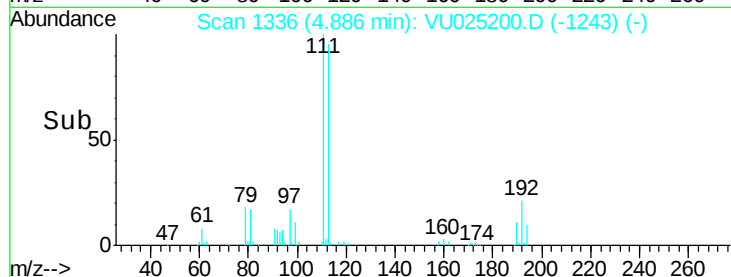
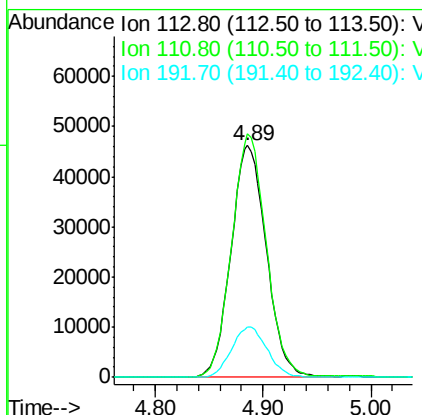
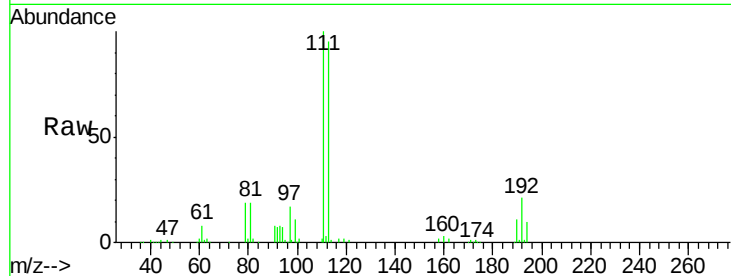
#35
 Dibromofluoromethane
 Concen: 51.479 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW011-180627MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	105796		
111	102.7		82.2	123.4
192	21.8		16.2	24.4

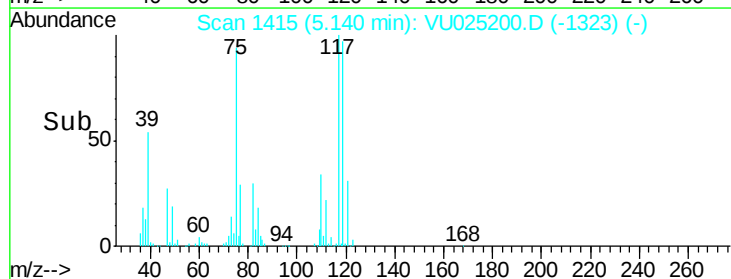
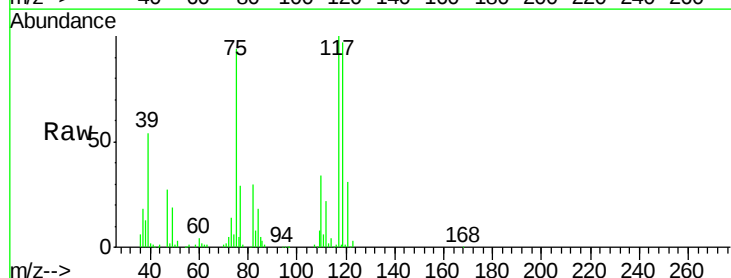
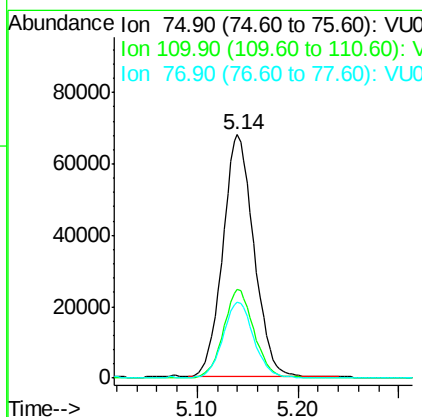
Manual Integrations
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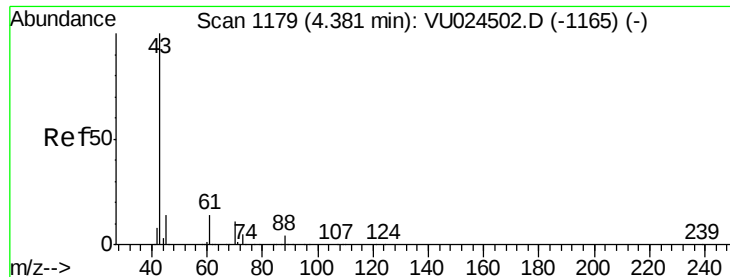
sam
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#36
 1,1-Dichloropropene
 Concen: 50.071 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	145700		
110	36.2		17.0	50.9
77	30.6		24.2	36.4





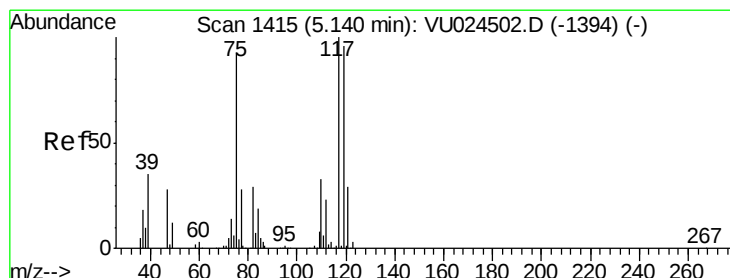
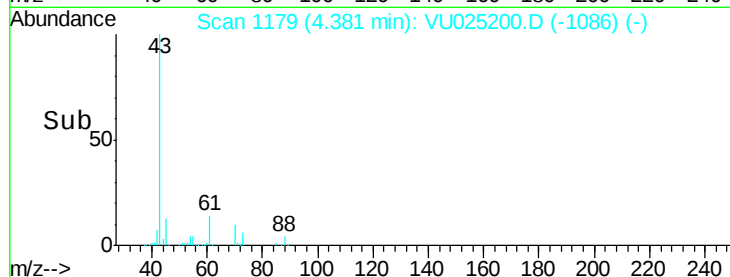
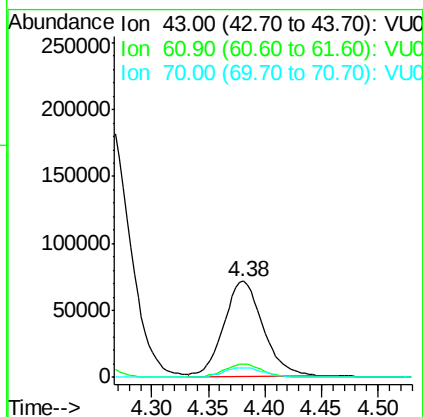
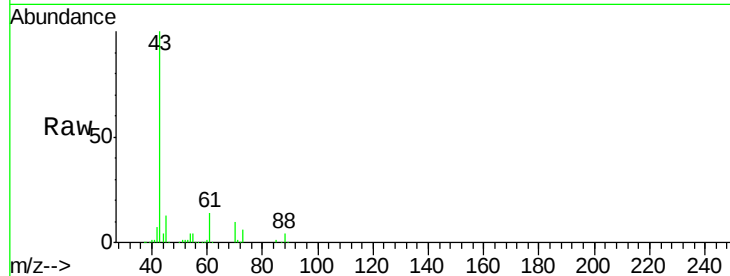
#37
Ethyl Acetate
Concen: 54.259 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Instrument :
MSVOA_U
ClientSampleId :
WP021MW011-180627MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.5	15.7
70	10.6	7.4	11.2

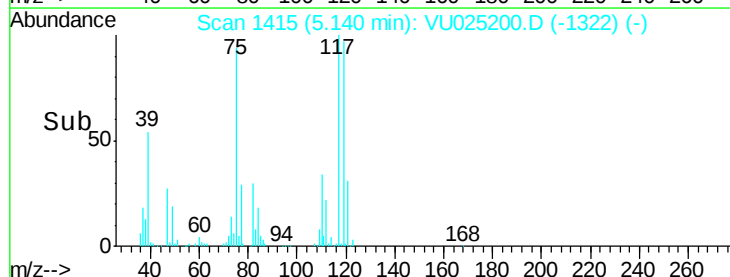
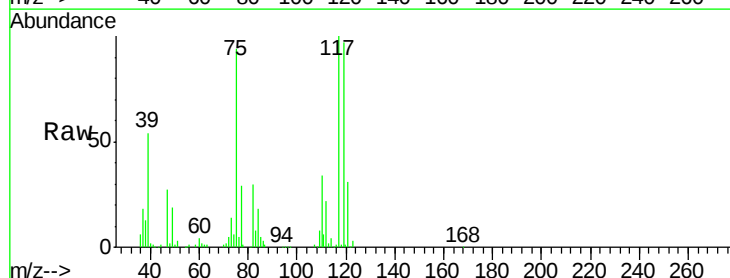
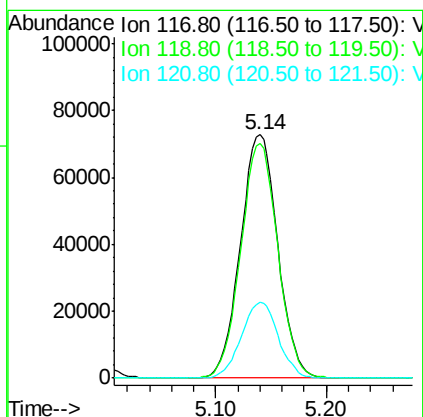
Manual Integrations
APPROVED

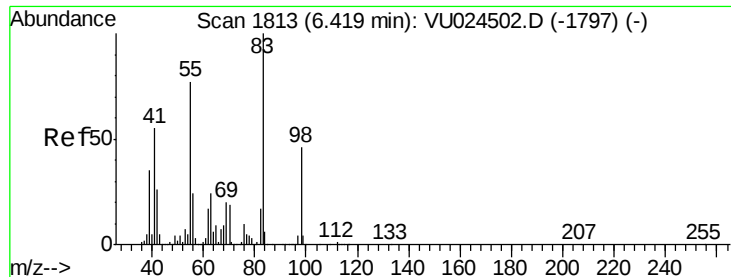
sam
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#38
Carbon Tetrachloride
Concen: 53.234 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.1	114.1
121	31.2	23.7	35.5





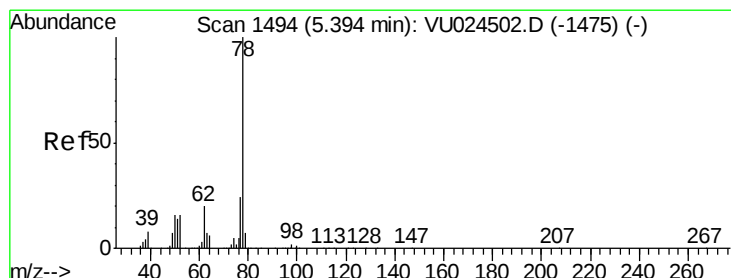
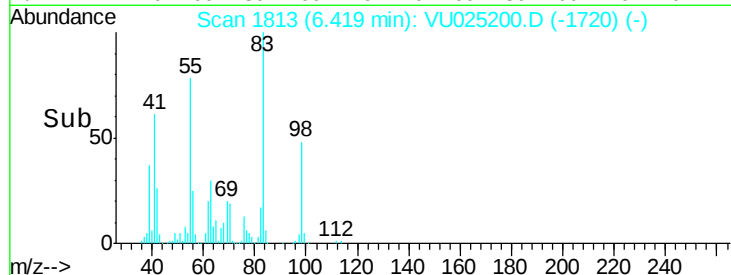
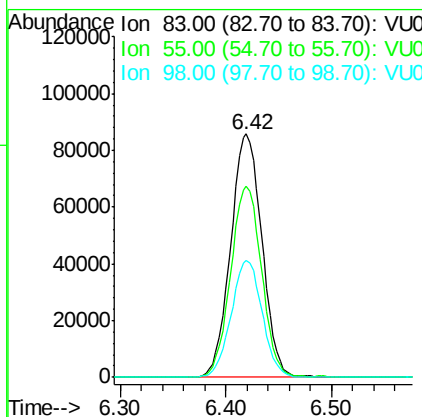
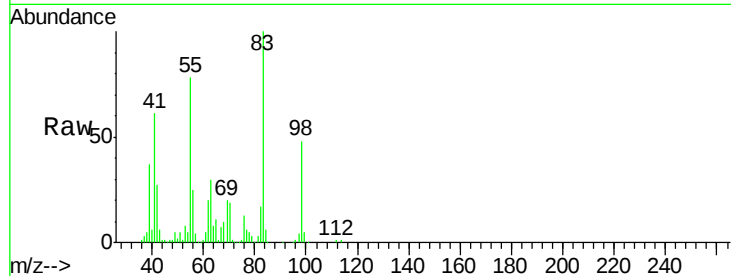
#39
Methvlcvclohexane
Concen: 48.592 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Instrument :
MSVOA_U
ClientSampleId :
WP021MW011-180627MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.5	65.8	98.6
98	48.0	36.7	55.1

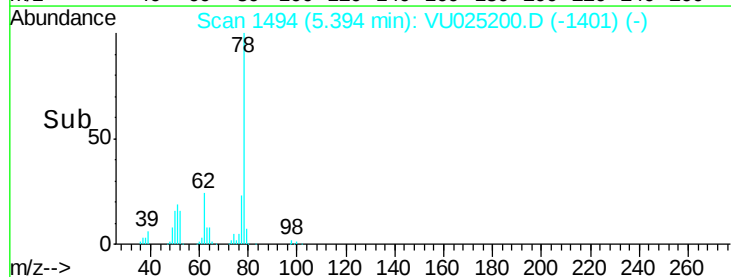
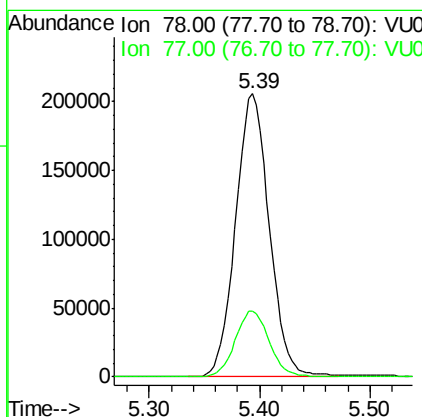
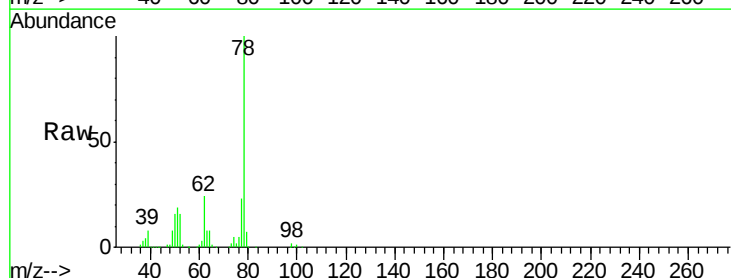
Manual Integrations
APPROVED

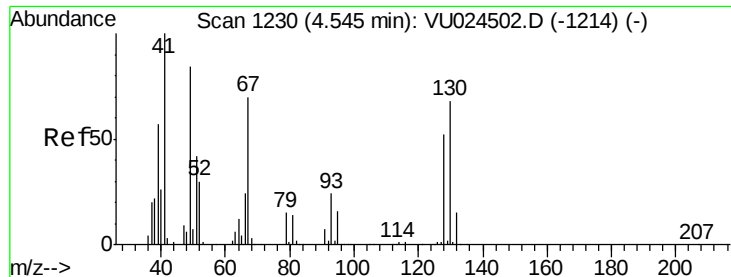
sam
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#40
Benzene
Concen: 52.585 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.2	28.8





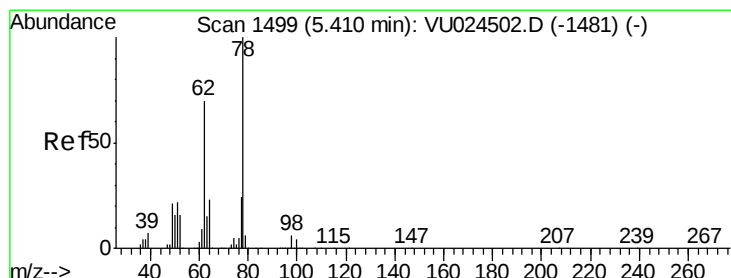
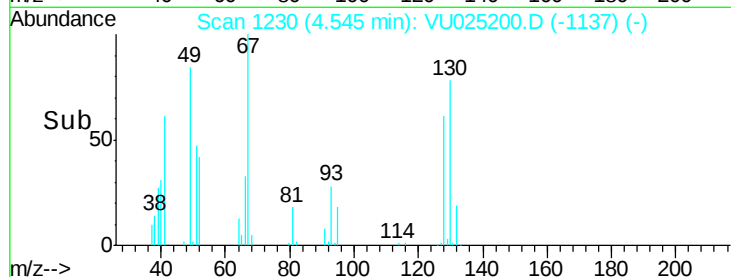
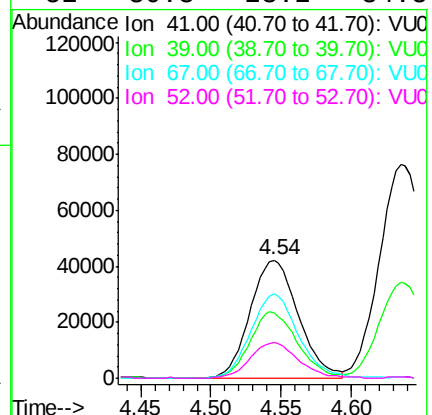
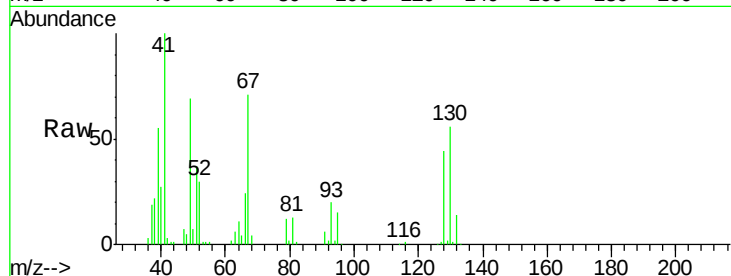
#41
Methacrylonitrile
Concen: 59.028 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Instrument :
MSVOA_U
ClientSampleId :
WP021MW011-180627MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.3	43.8	65.6	
67	70.5	56.3	84.5	
52	30.3	23.2	34.8	

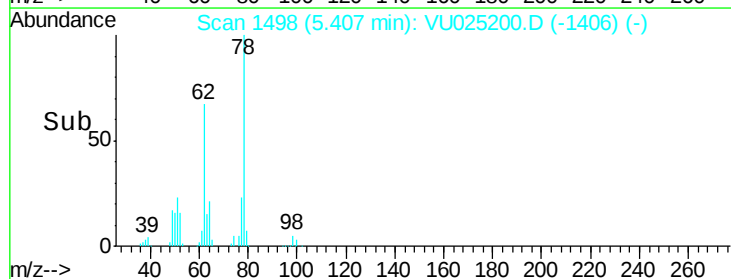
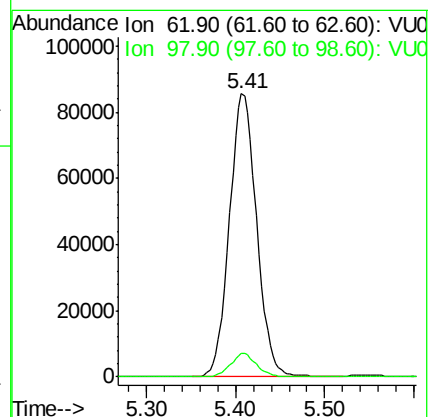
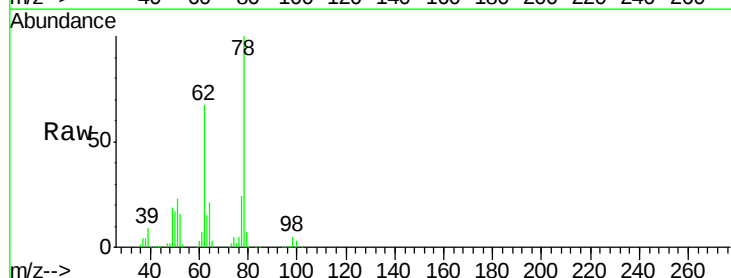
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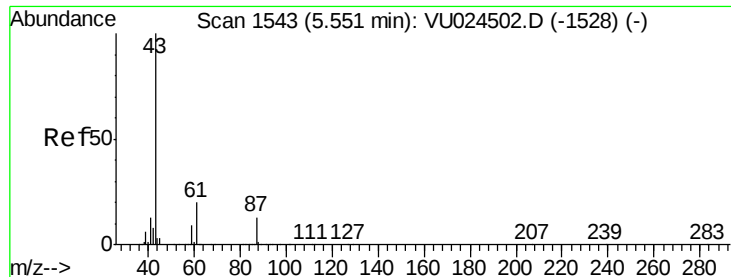
sam
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#42
1,2-Dichloroethane
Concen: 57.282 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.9	0.0	16.6	





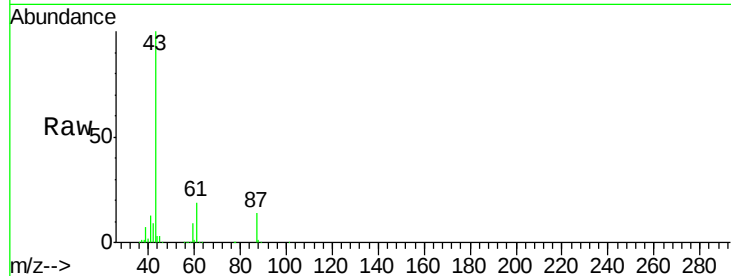
#43
Isopropyl Acetate
Concen: 51.128 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Instrument :
MSVOA_U
ClientSampleId :
WP021MW011-180627MS

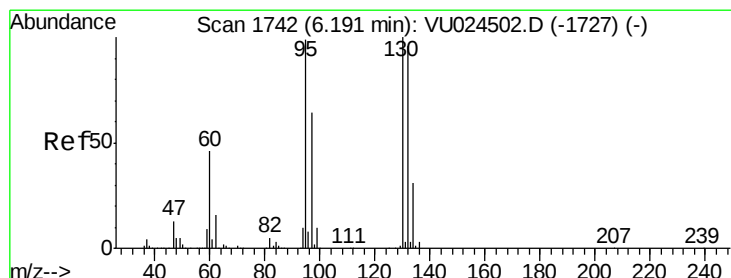
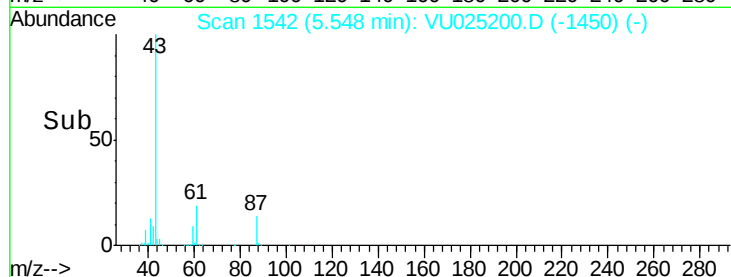
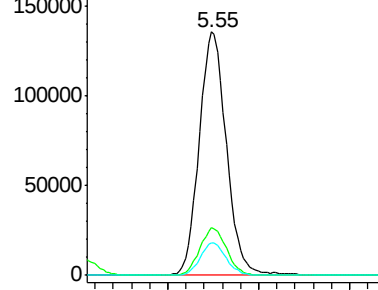
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.0
87	12.8	10.0	15.0

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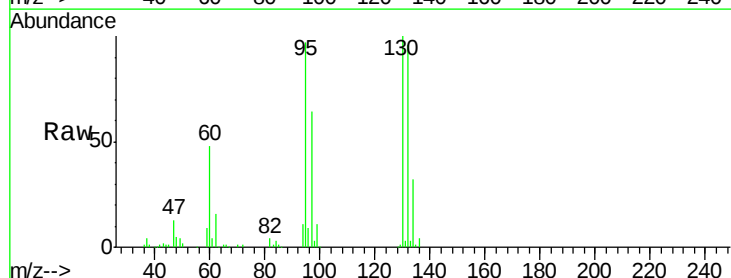


Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-1528) (-)
Ion 61.00 (60.70 to 61.70): VU024502.D (-1528) (-)
Ion 87.00 (86.70 to 87.70): VU024502.D (-1528) (-)

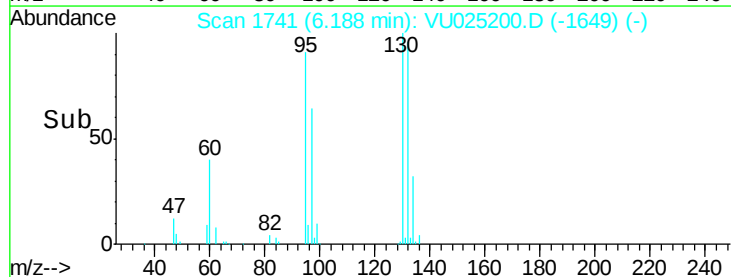
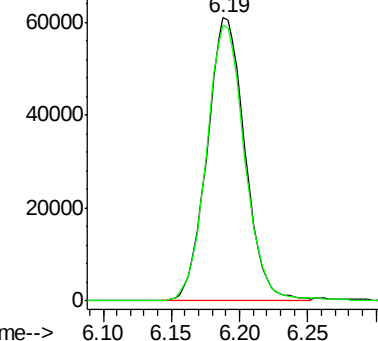


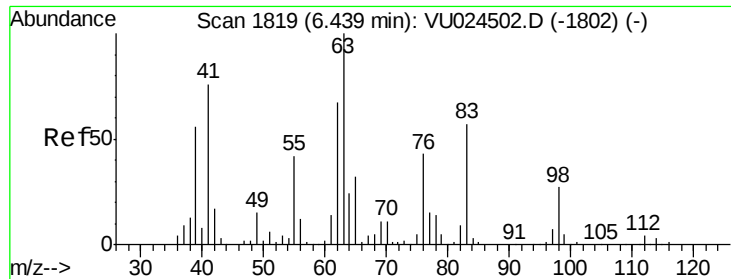
#44
Trichloroethene
Concen: 49.753 ug/l
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	202.4



Abundance Ion 129.80 (129.50 to 130.50): VU024502.D (-1727) (-)
Ion 94.90 (94.60 to 95.60): VU024502.D (-1727) (-)





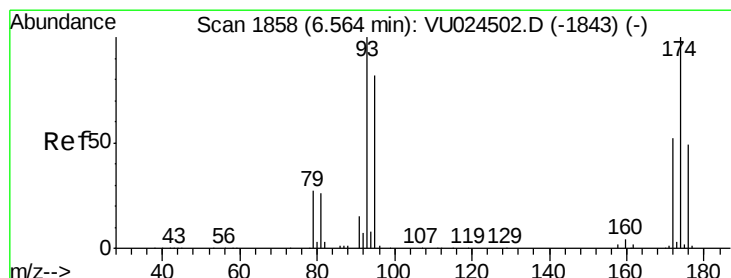
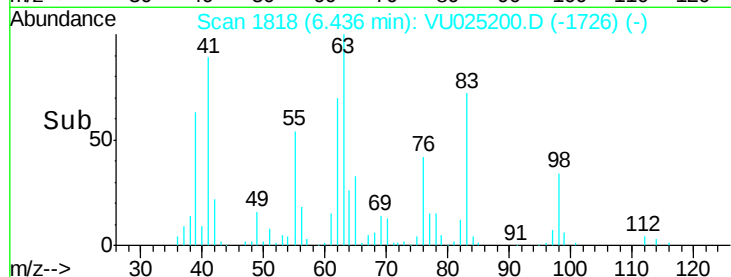
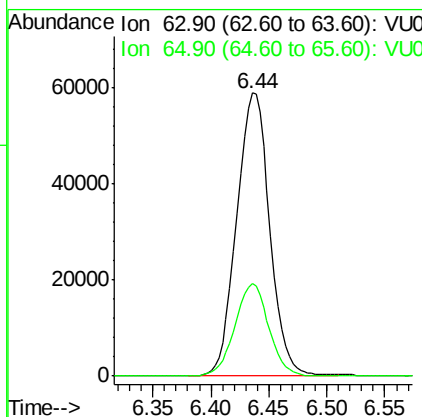
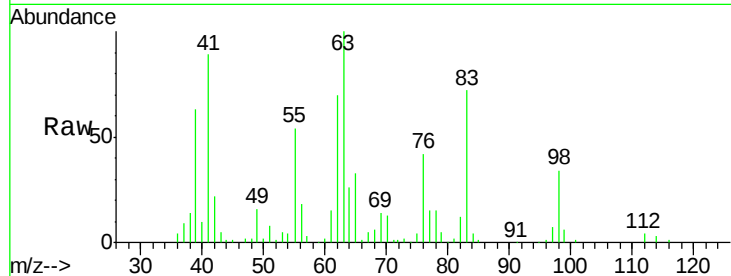
#45
 1,2-Dichloropropane
 Concen: 52.949 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW011-180627MS

Tot Ion: 63 Resp: 117142
 Ion Ratio Lower Upper
 63 100
 65 32.7 24.8 37.2

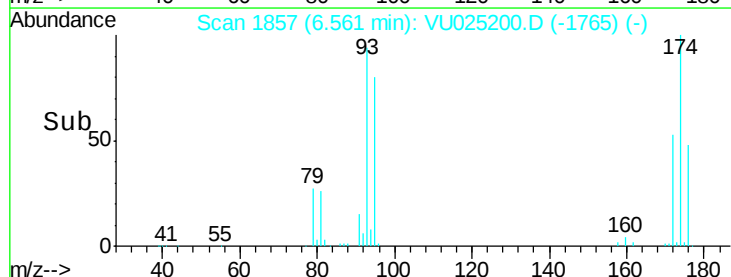
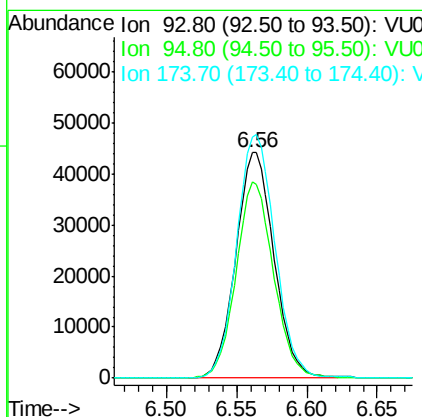
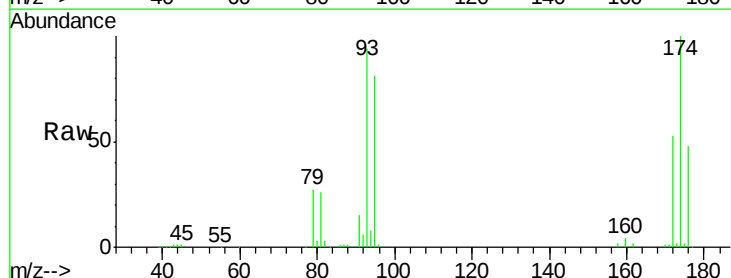
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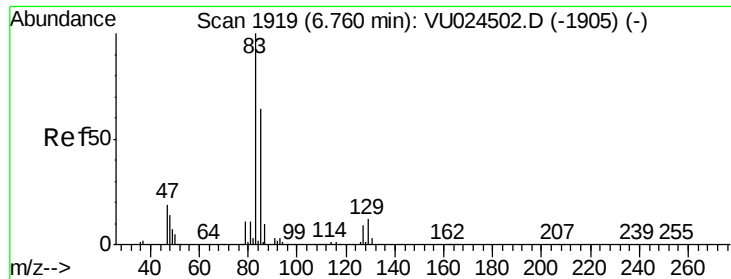
sam
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#46
 Dibromomethane
 Concen: 54.152 ug/l
 RT: 6.56 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Tgt Ion: 93 Resp: 84152
 Ion Ratio Lower Upper
 93 100
 95 85.5 65.5 98.3
 174 108.3 78.7 118.1





#47

Bromodichloromethane

Concen: 52.893 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Instrument :

MSVOA_U

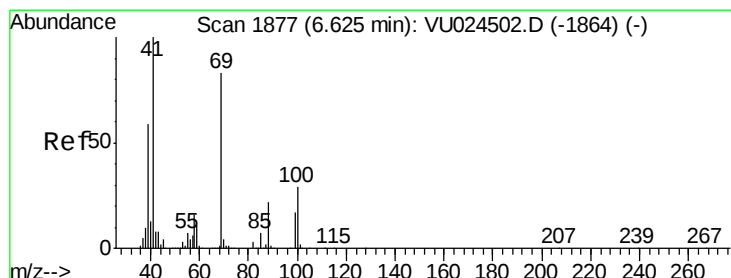
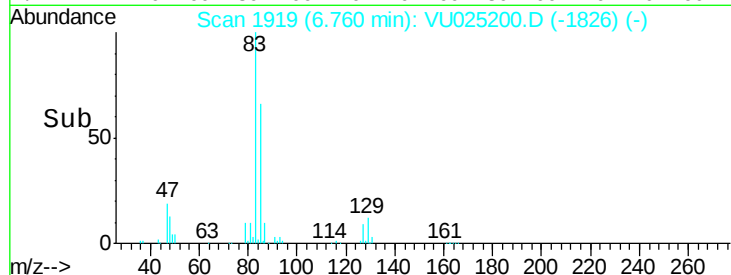
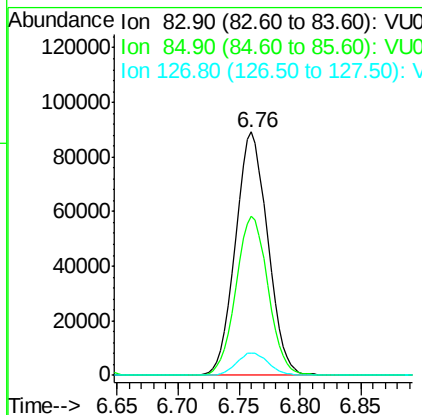
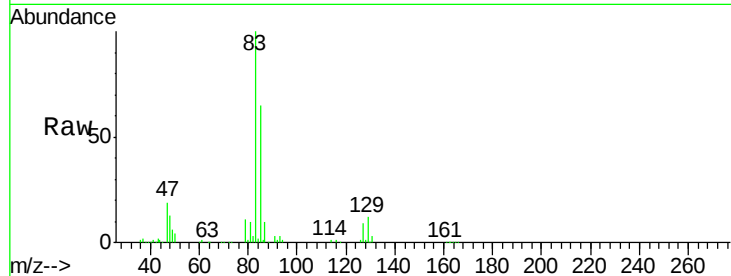
ClientSampleId :

WP021MW011-180627MS

Tot Ion:	83	Resp:	163674
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.9	77.9
127	9.4	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.795 ug/l

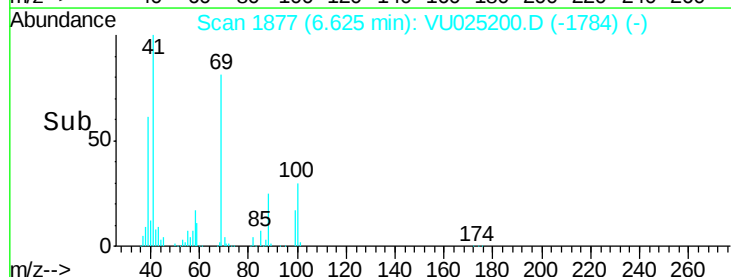
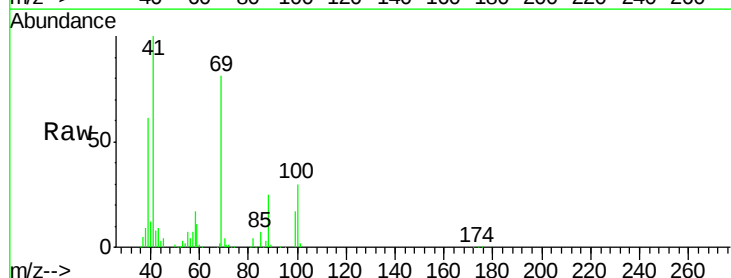
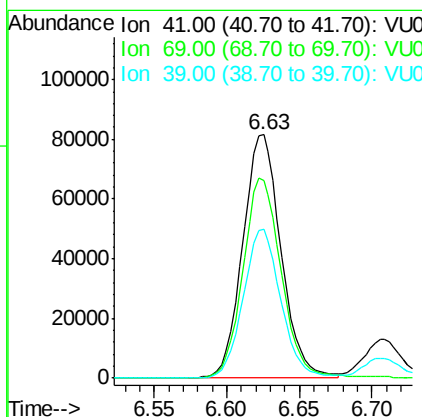
RT: 6.63 min Scan# 1877

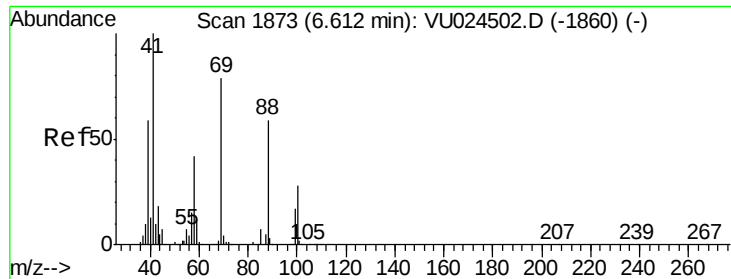
Delta R.T. 0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Tgt Ion:	41	Resp:	148943
Ion	Ratio	Lower	Upper
41	100		
69	83.3	67.3	100.9
39	60.5	46.5	69.7





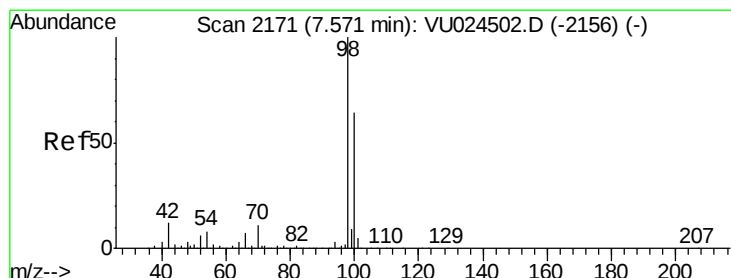
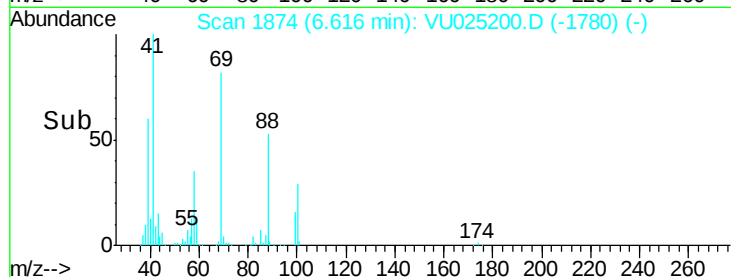
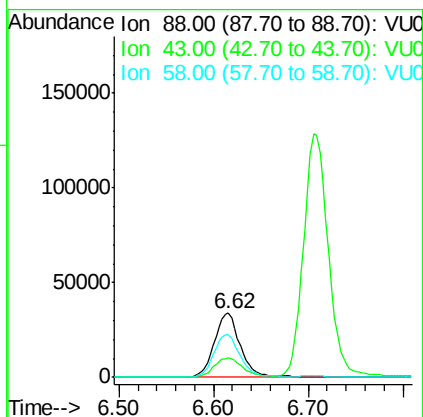
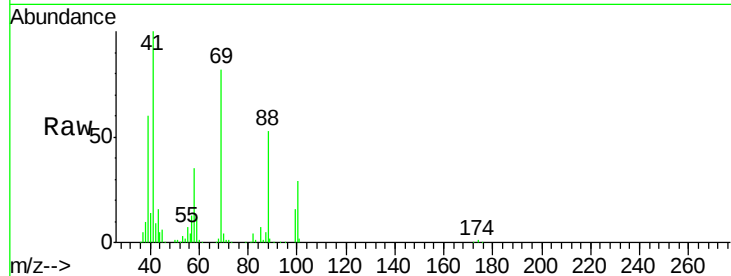
#49
1,4-Dioxane
Concen: 1250.059 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Instrument :
MSVOA_U
ClientSampleId :
WP021MW011-180627MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.2	28.6	42.8
58	67.4	58.2	87.4

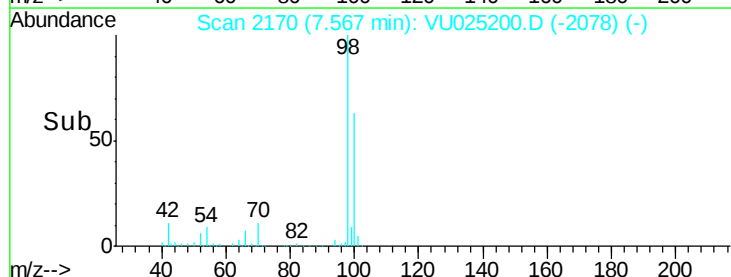
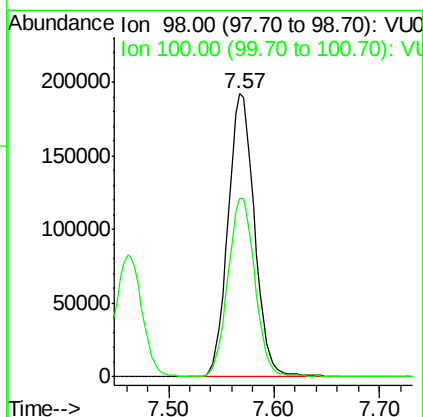
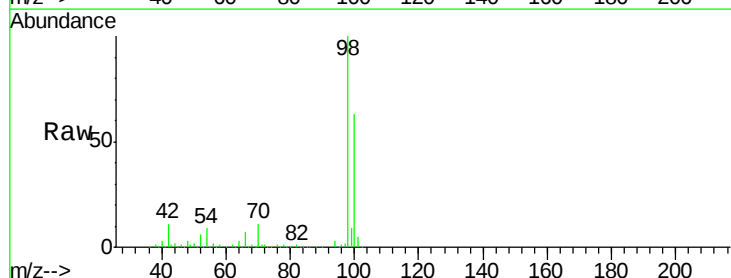
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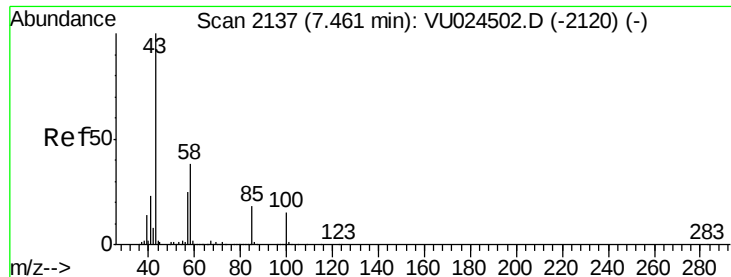
sam
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#50
Toluene-d8
Concen: 44.500 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 276.929 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Instrument :

MSVOA_U

ClientSampleId :

WP021MW011-180627MS

Tot Ion: 43 Resp: 953783

Ion Ratio Lower Upper

43 100

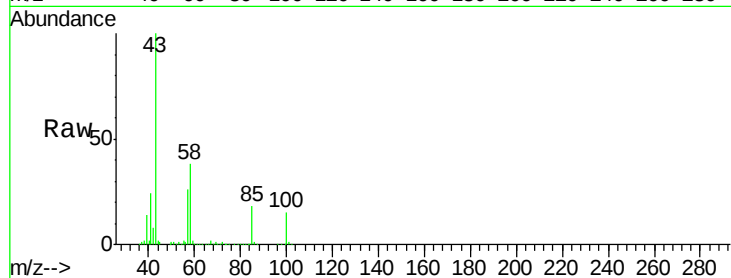
58 38.4 30.0 45.0

Manual Integrations

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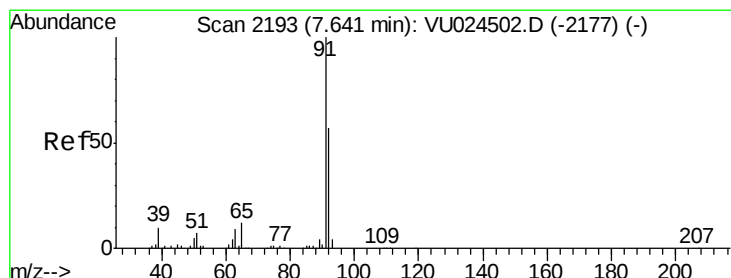
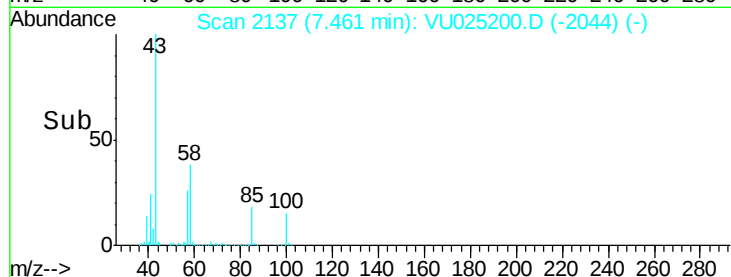
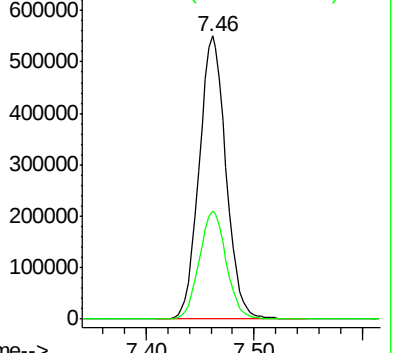
sam

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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: 52.500 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025200.D

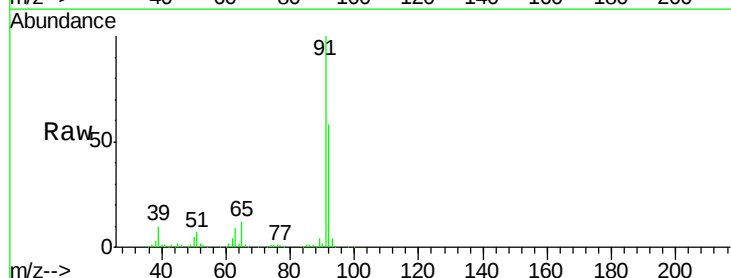
Acq: 03 Jul 2018 19:39

Tgt Ion: 92 Resp: 280056

Ion Ratio Lower Upper

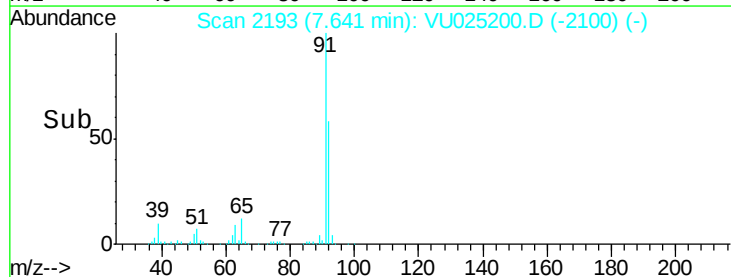
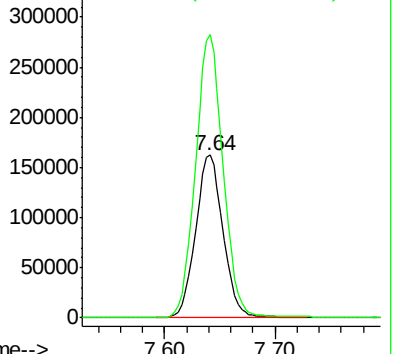
92 100

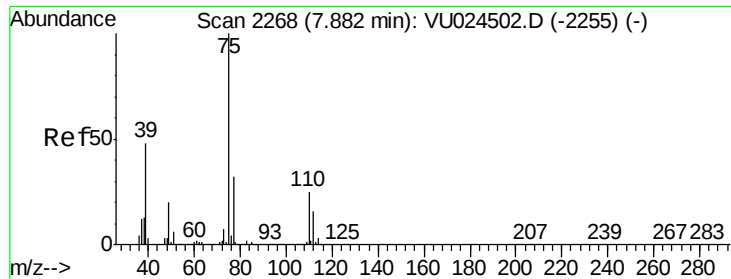
91 175.8 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0





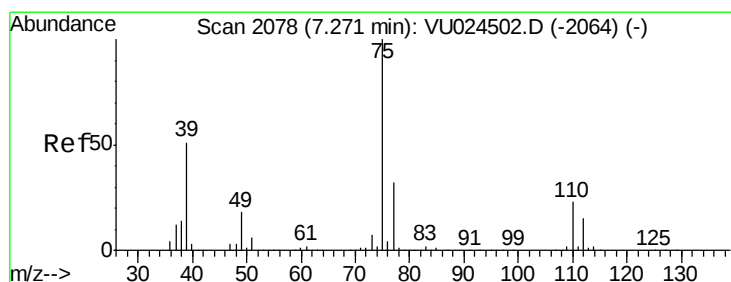
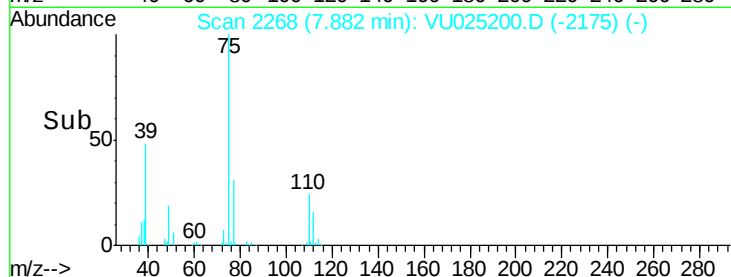
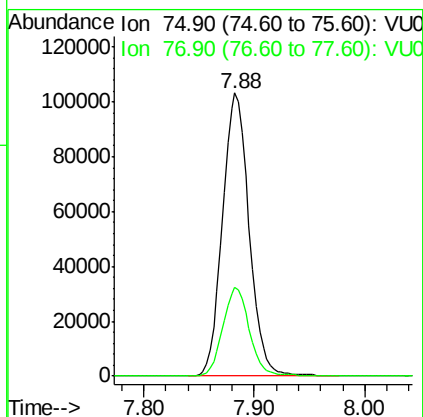
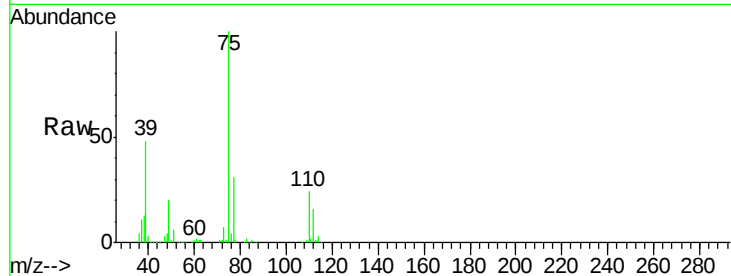
#53
t-1,3-Dichloropropene
Concen: 49.815 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Instrument :
MSVOA_U
ClientSampleId :
WP021MW011-180627MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.8	37.2

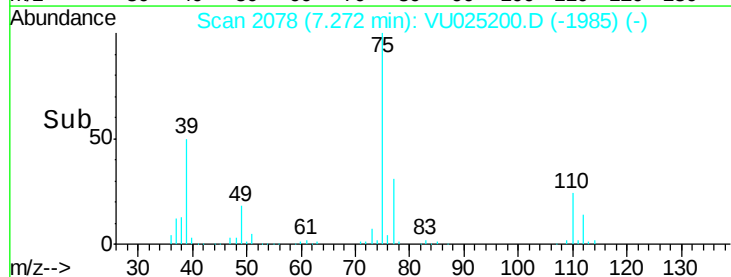
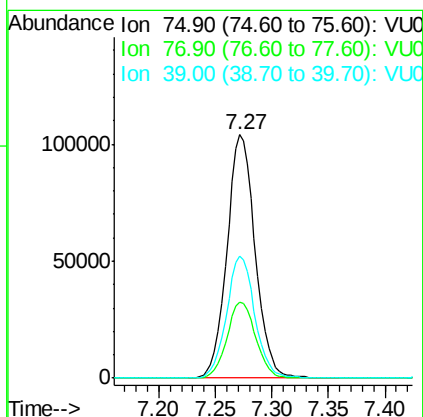
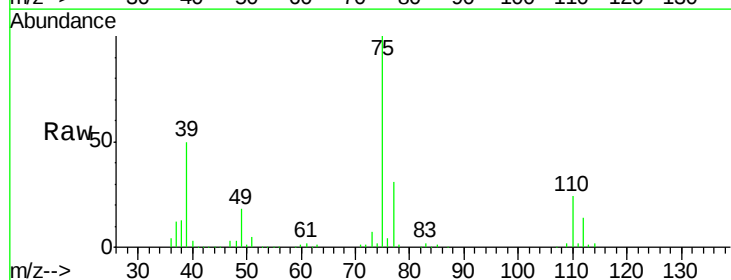
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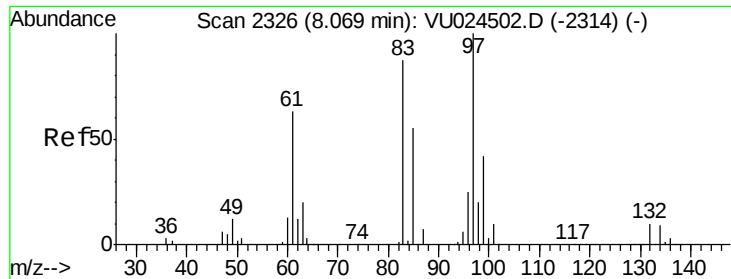
sam
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#54
cis-1,3-Dichloropropene
Concen: 48.685 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.6	36.8
39	50.1	39.8	59.6





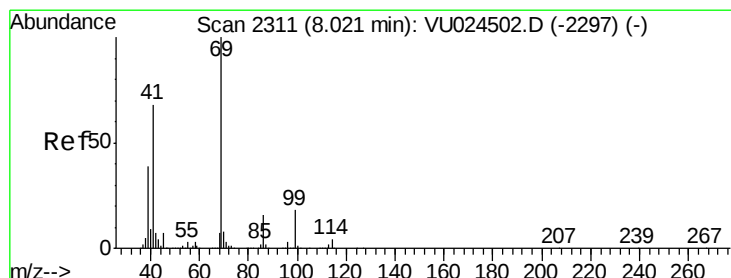
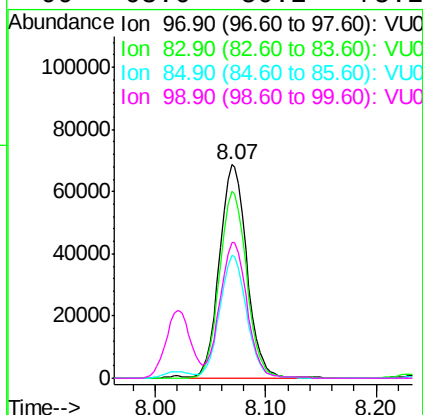
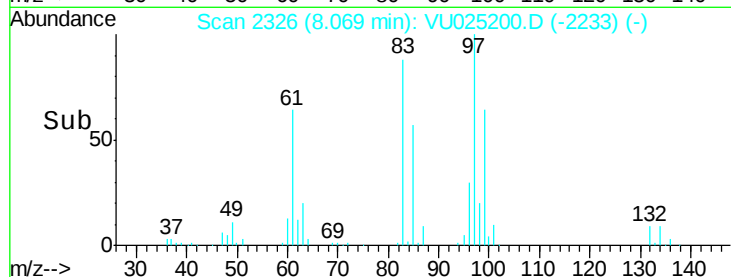
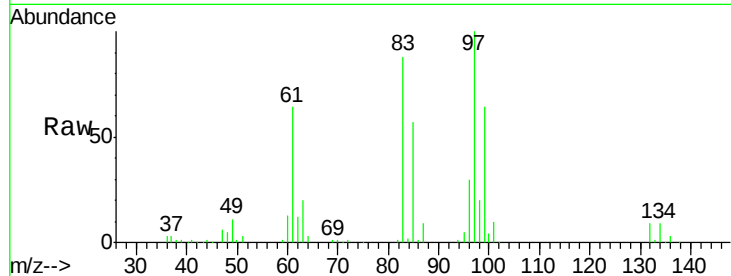
#55
 1,1,2-Trichloroethane
 Concen: 54.905 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW011-180627MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		119055		
83	87.7	70.5	105.7		
85	57.4	46.4	69.6		
99	63.6	50.2	75.2		

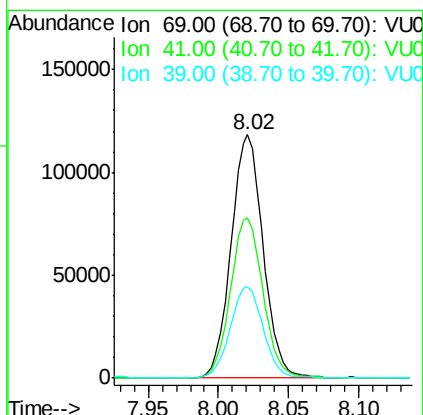
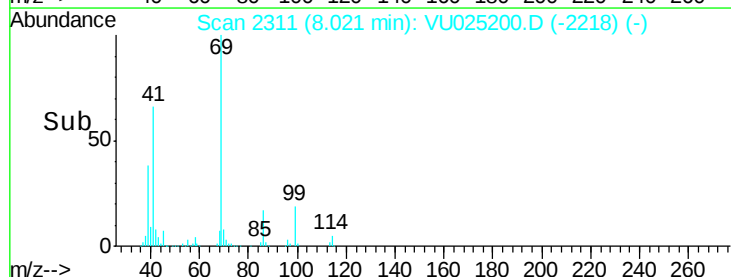
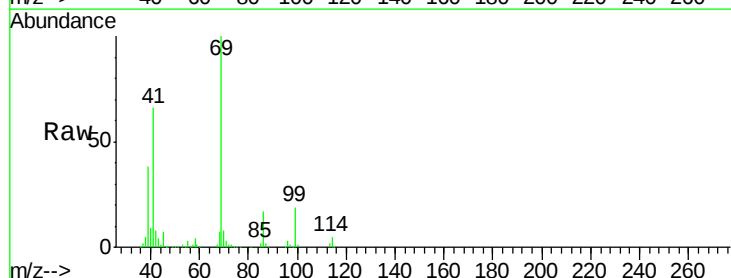
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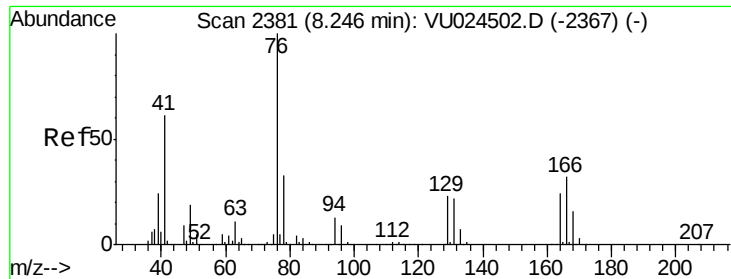
sam
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#56
 Ethyl methacrylate
 Concen: 51.953 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		188554		
41	67.1	54.1	81.1		
39	38.3	30.3	45.5		





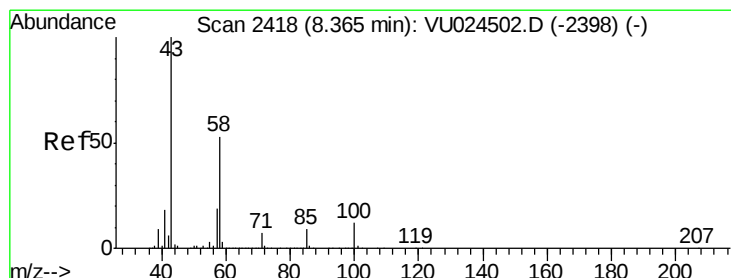
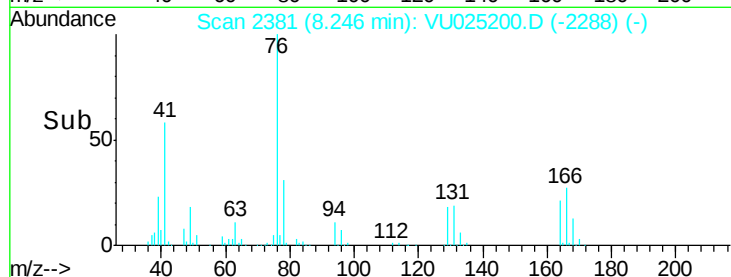
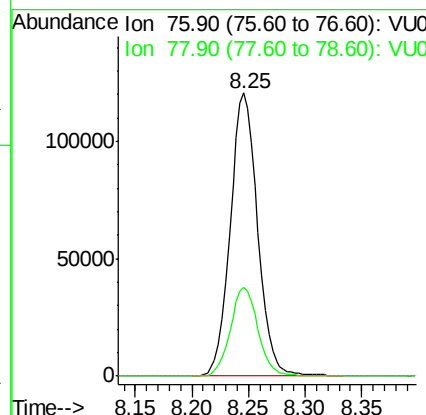
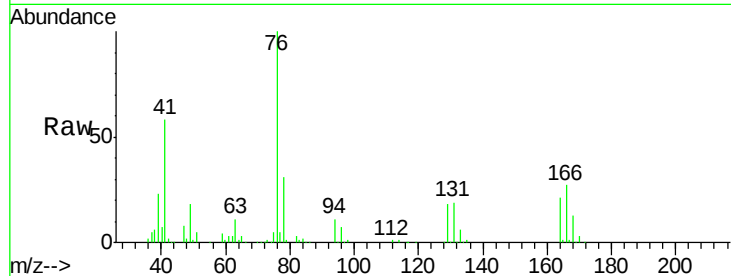
#57
 1,3-Dichloropropane
 Concen: 55.418 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW011-180627MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.2	37.8

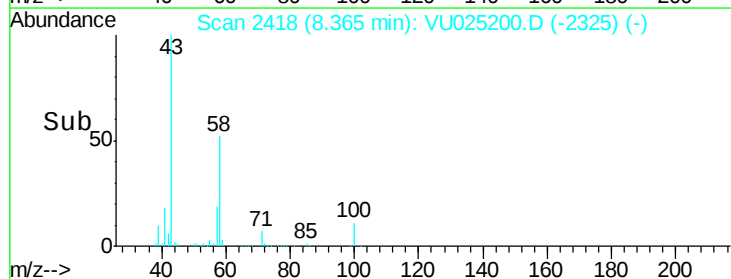
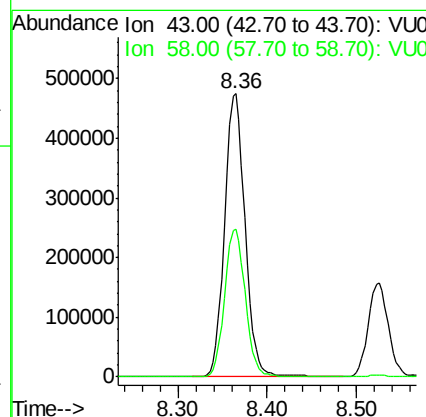
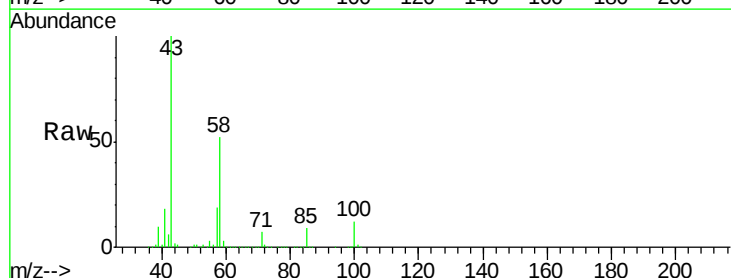
Manual Integrations
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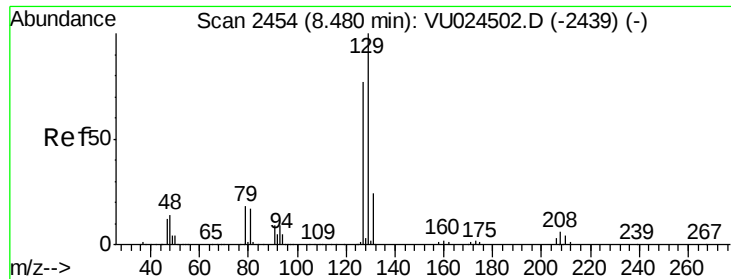
sam
 7/5/2018 2:30:26 PM



#59
 2-Hexanone
 Concen: 268.476 ug/l
 RT: 8.36 min Scan# 2418
 Delta R.T. 0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
43	100		
58	53.0	26.4	79.0





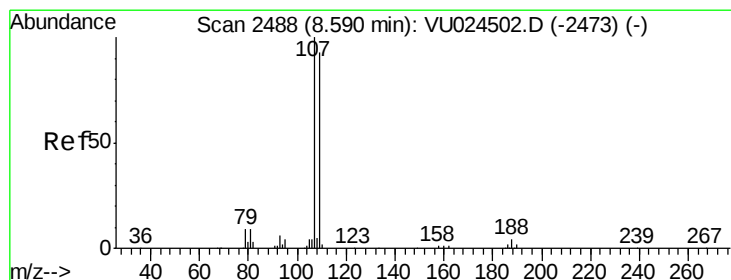
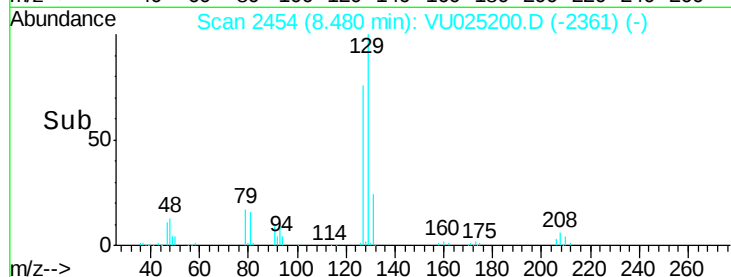
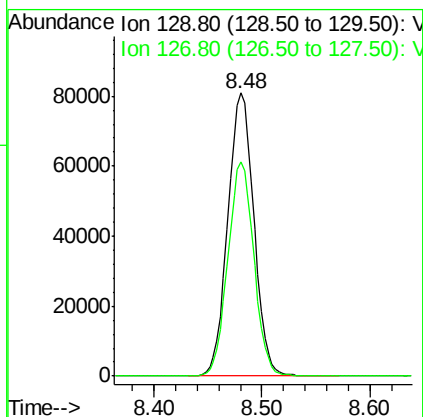
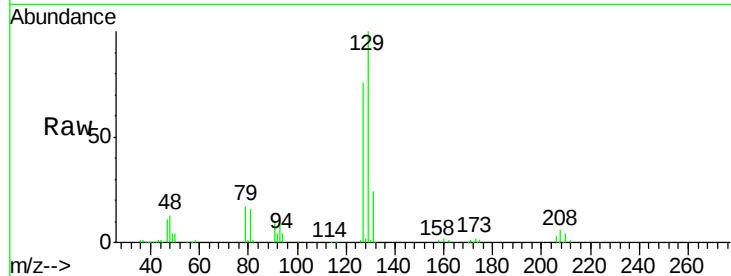
#60
 Dibromochloromethane
 Concen: 50.727 ug/l
 RT: 8.48 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW011-180627MS

Tot Ion	Ratio	Lower	Upper
129	100		
127	75.4	38.6	116.0

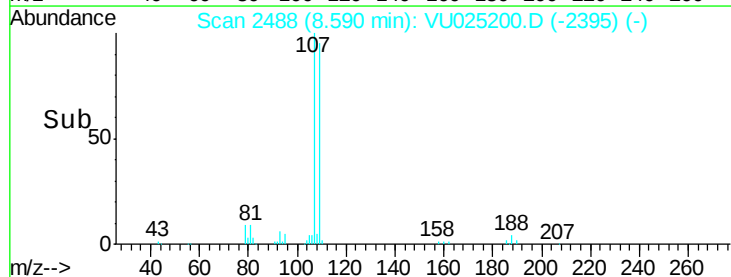
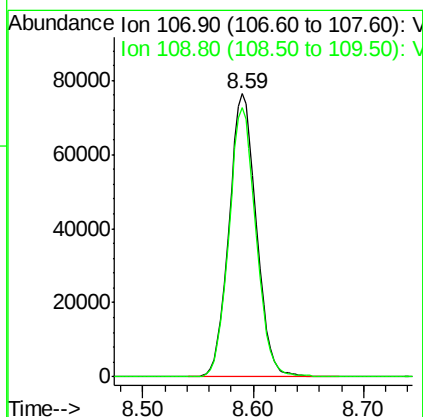
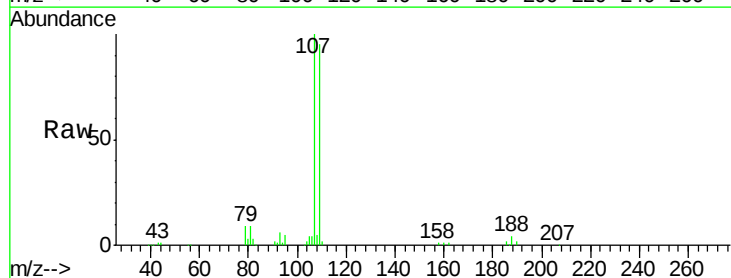
Manual Integrations
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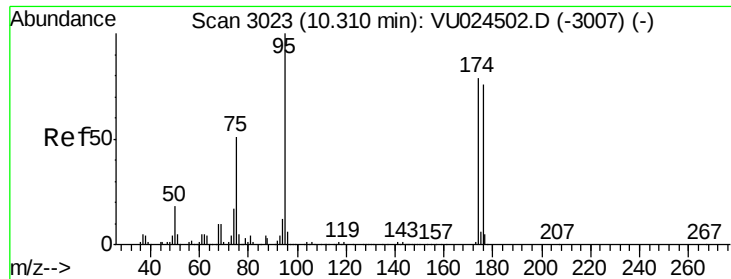
sam
 7/5/2018 2:30:26 PM



#61
 1,2-Dibromoethane
 Concen: 54.297 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.3	74.5	111.7





#62

4-Bromofluorobenzene

Concen: 48.357 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Instrument :

MSVOA_U

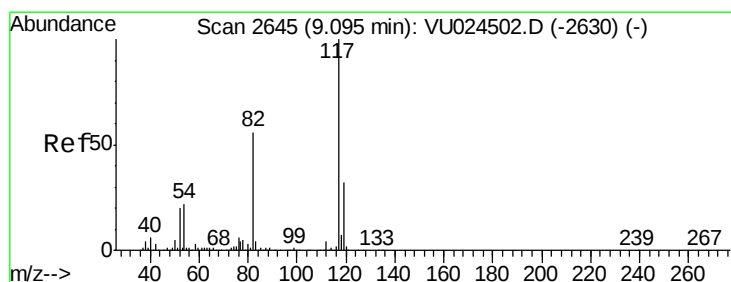
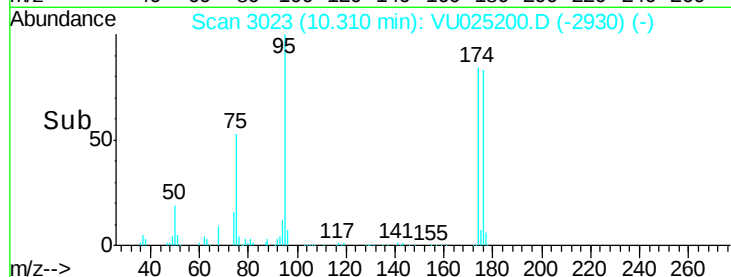
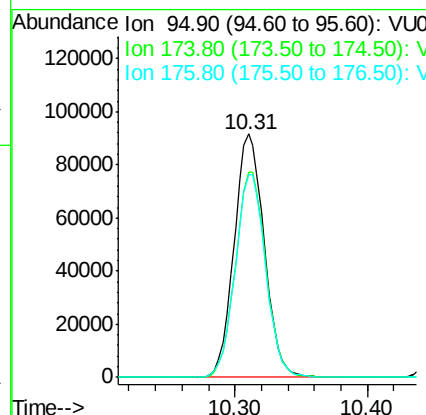
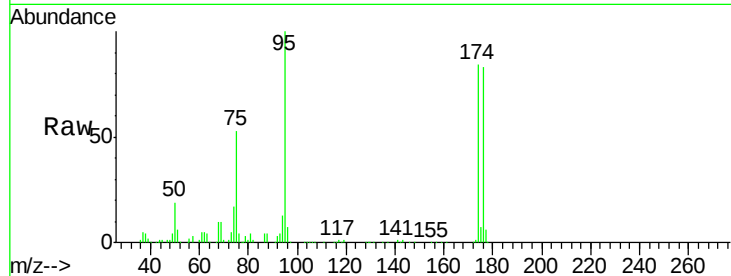
ClientSampleId :

WP021MW011-180627MS

Tot Ion	95	Resp	143928
Ion Ratio	Lower	Upper	
95	100		
174	85.7	0.0	165.8
176	84.2	0.0	159.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

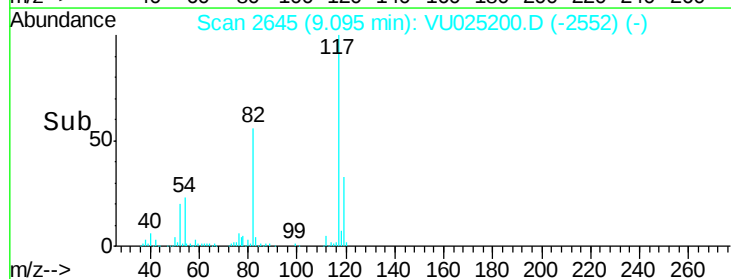
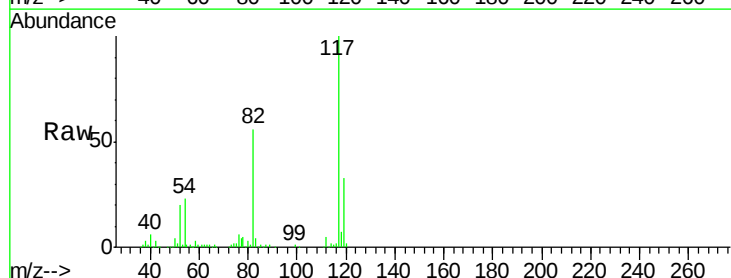
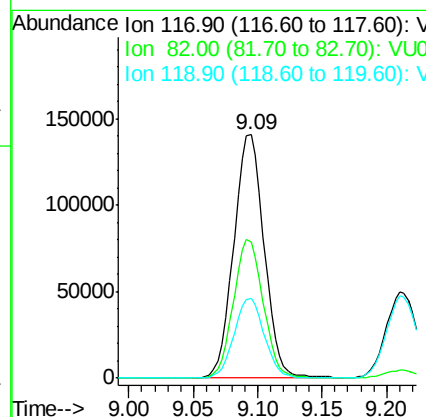
RT: 9.09 min Scan# 2645

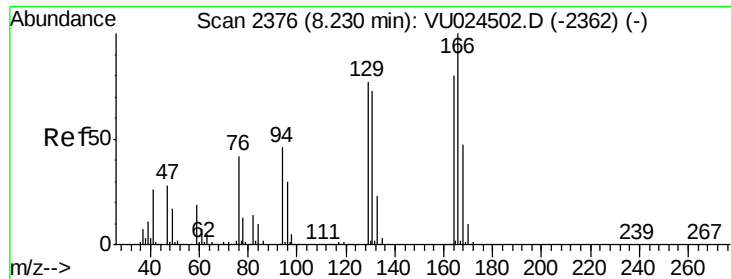
Delta R.T. 0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Tgt Ion	117	Resp	230965
Ion Ratio	Lower	Upper	
117	100		
82	55.7	44.3	66.5
119	32.8	25.4	38.2





#64

Tetrachloroethene

Concen: 47.048 ug/l

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Instrument :

MSVOA_U

ClientSampleId :

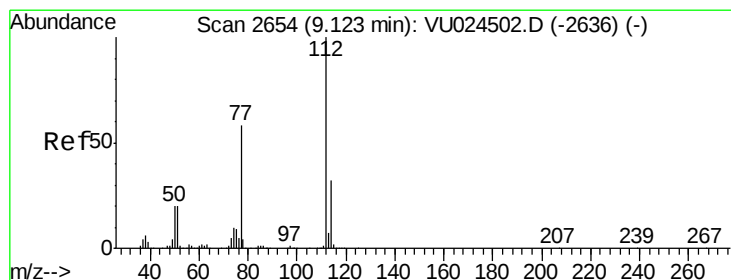
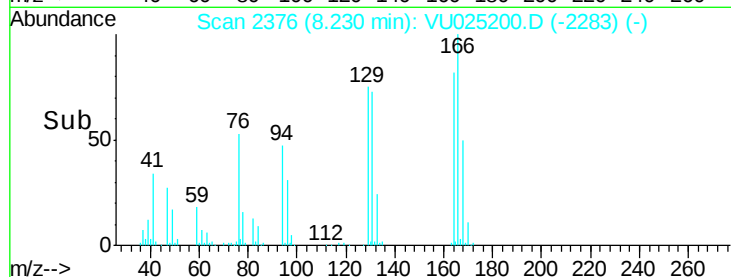
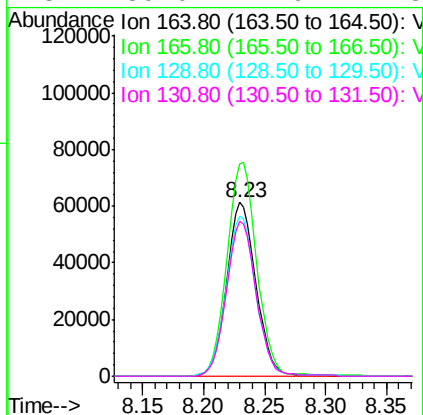
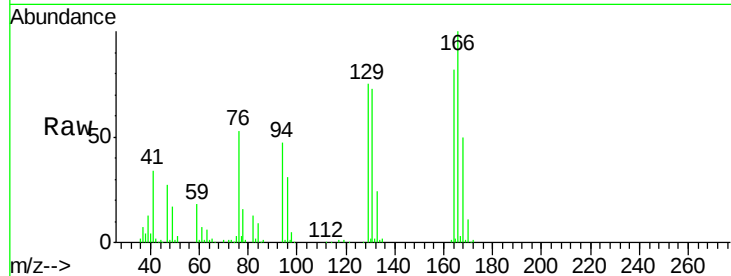
WP021MW011-180627MS

Tot Ion:	164	Resp:	103290
Ion Ratio	Lower	Upper	
164	100		
166	122.7	101.7	152.5
129	92.5	76.9	115.3
131	89.0	74.9	112.3

Manual Integrations
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#65

Chlorobenzene

Concen: 54.557 ug/l

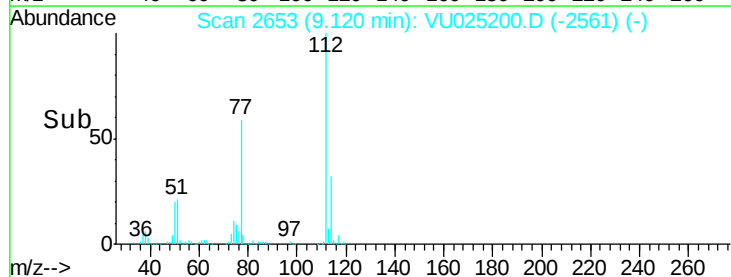
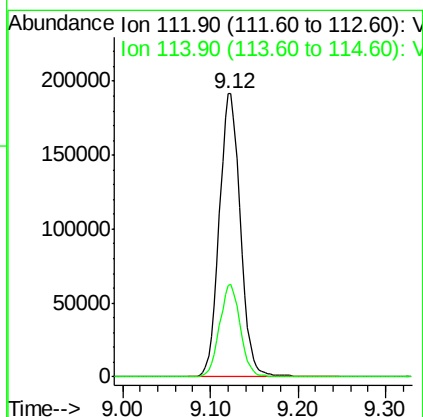
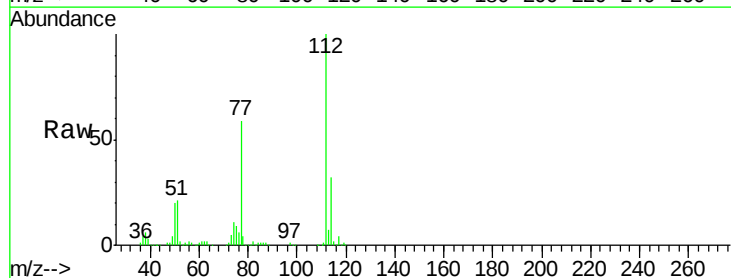
RT: 9.12 min Scan# 2653

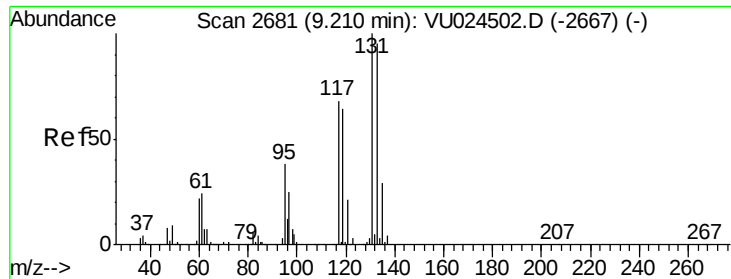
Delta R.T. -0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Tgt Ion:	112	Resp:	321906
Ion Ratio	Lower	Upper	
112	100		
114	32.3	25.6	38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 55.435 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Instrument :

MSVOA_U

ClientSampleId :

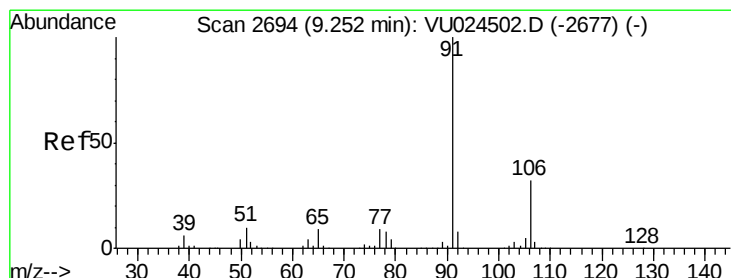
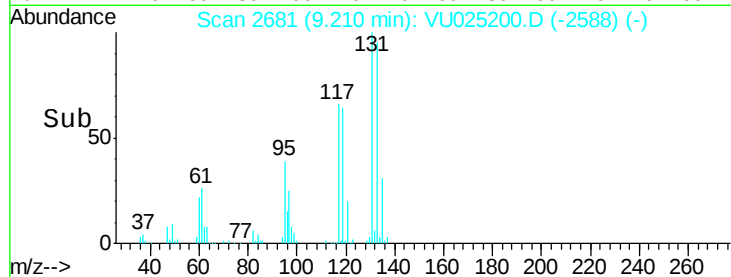
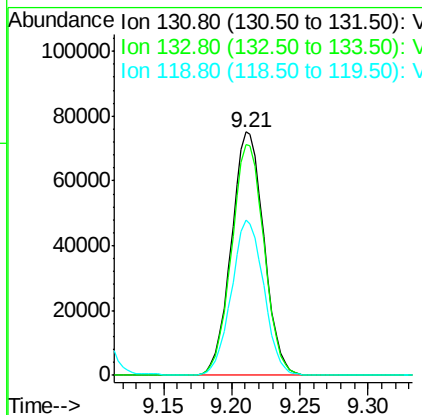
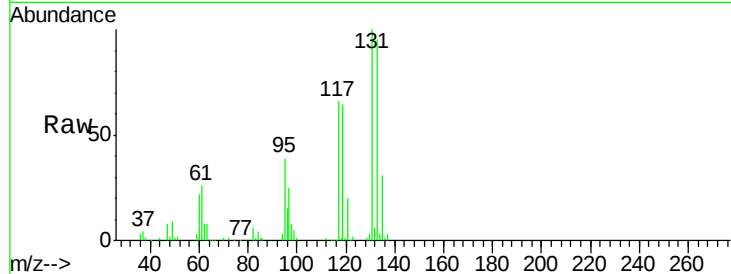
WP021MW011-180627MS

Tot Ion:	131	Resp:	124265
Ion Ratio	Lower	Upper	
131	100		
133	94.7	46.9	140.8
119	63.6	33.5	100.4

Manual Integrations
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#67

Ethyl Benzene

Concen: 54.157 ug/l

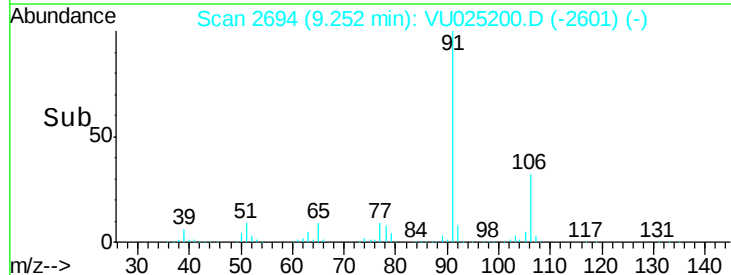
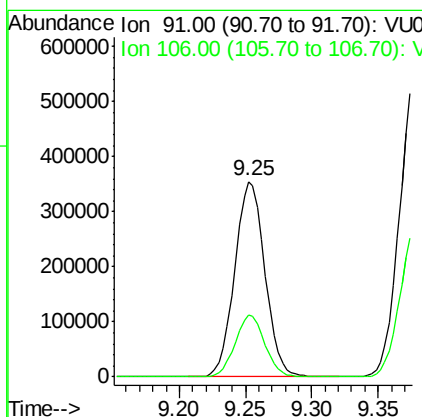
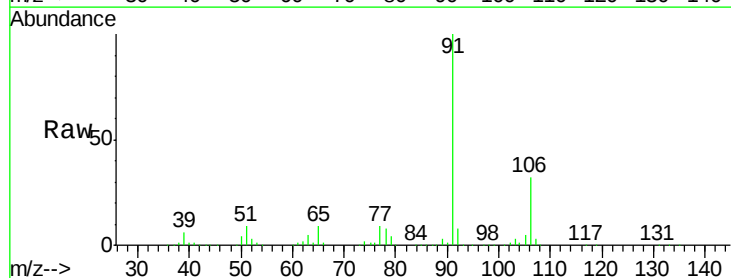
RT: 9.25 min Scan# 2694

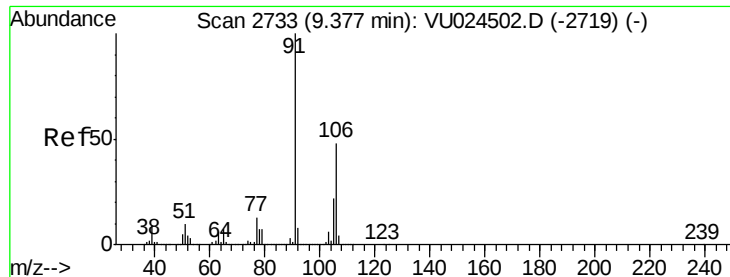
Delta R.T. 0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Tgt Ion:	91	Resp:	560184
Ion Ratio	Lower	Upper	
91	100		
106	31.5	24.2	36.4





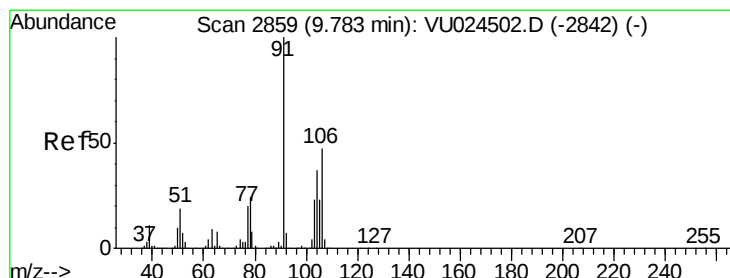
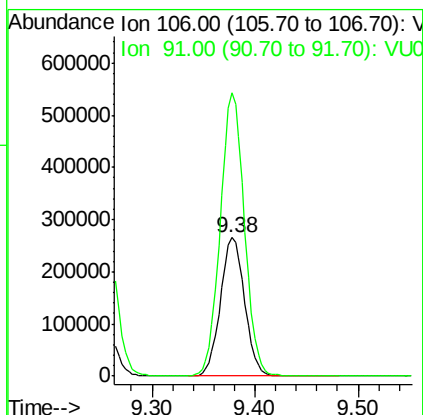
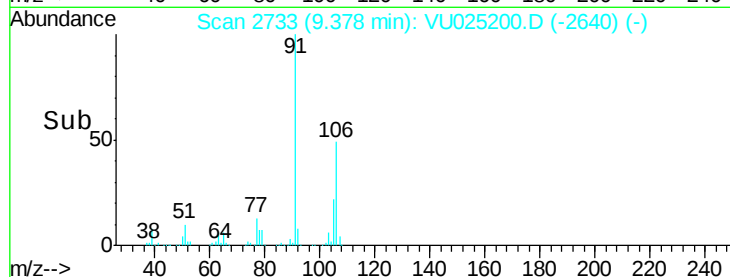
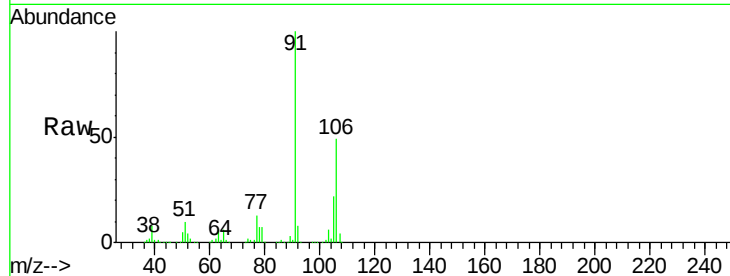
#68
m/p-Xylenes
Concen: 109.117 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Instrument :
MSVOA_U
ClientSampleId :
WP021MW011-180627MS

Tot Ion:106 Resp: 433412
Ion Ratio Lower Upper
106 100
91 202.9 166.5 249.7

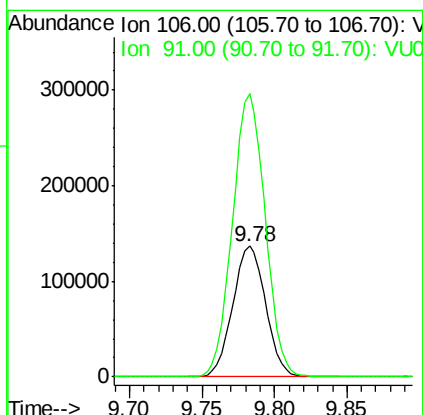
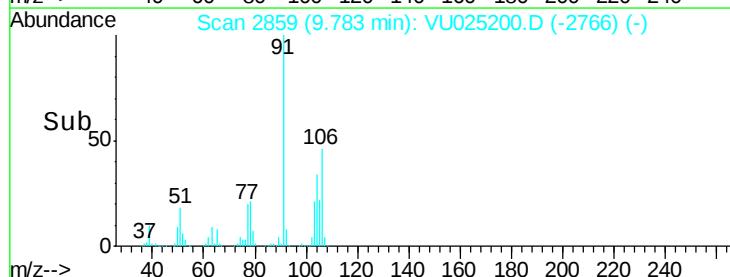
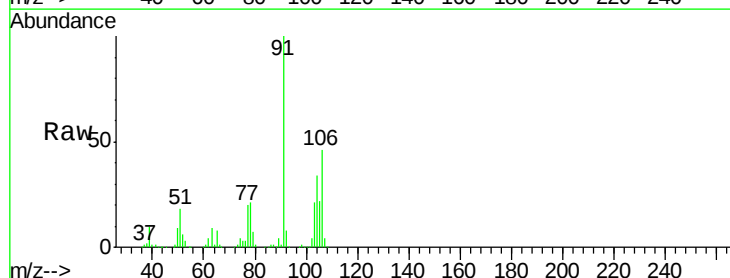
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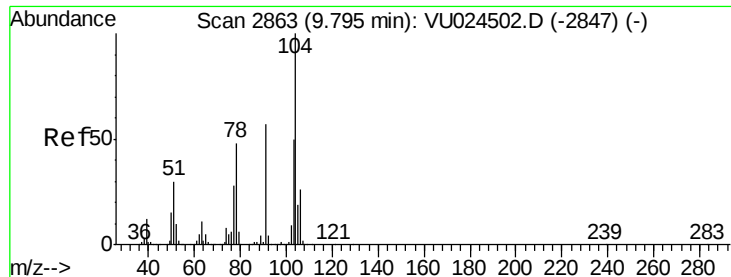
Sam
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#69
o-Xylene
Concen: 54.703 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Tgt Ion:106 Resp: 215035
Ion Ratio Lower Upper
106 100
91 216.0 110.7 331.9





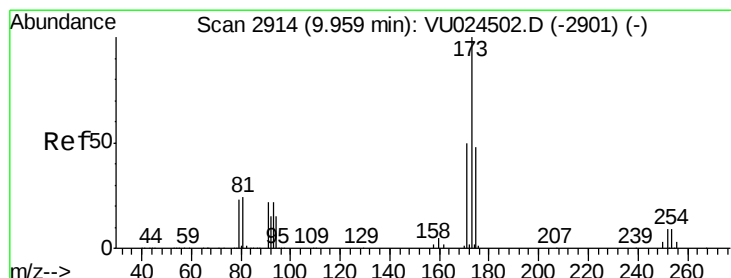
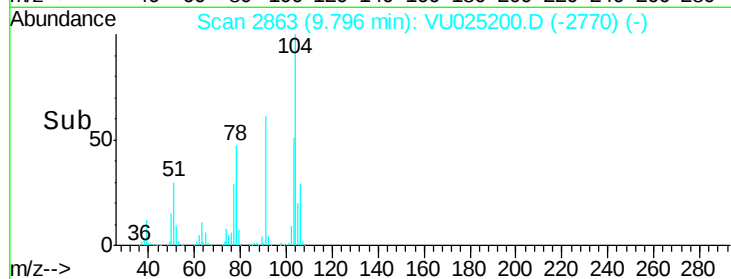
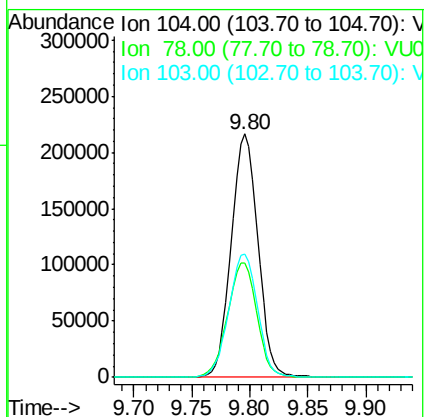
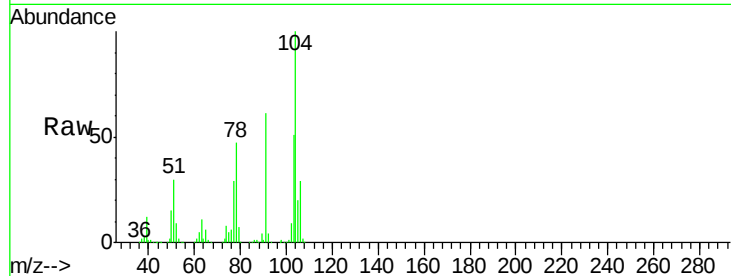
#70
Stvrene
Concen: 53.316 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Instrument :
MSVOA_U
ClientSampleId :
WP021MW011-180627MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.6	40.6	60.8
103	54.7	44.7	67.1

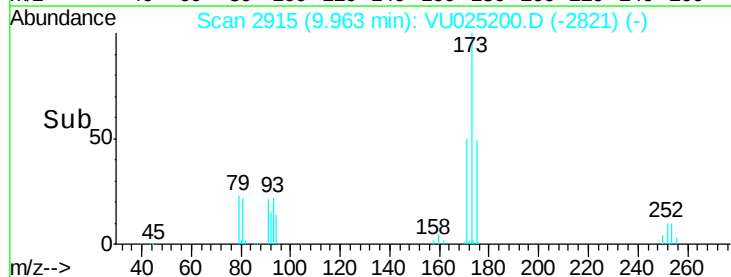
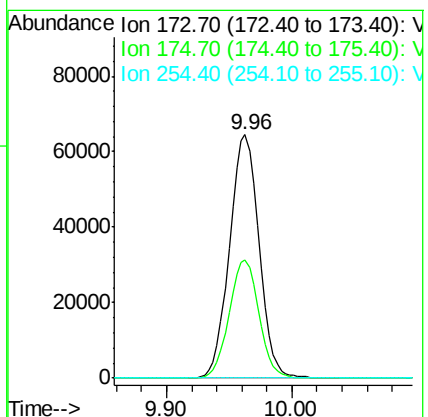
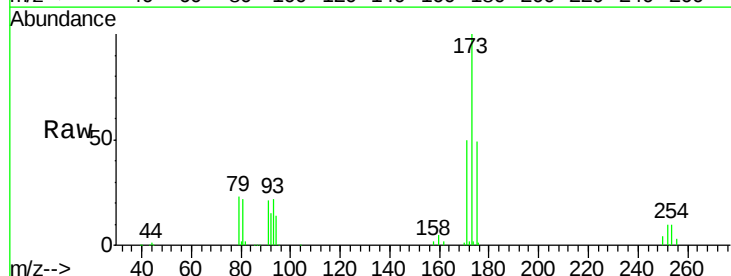
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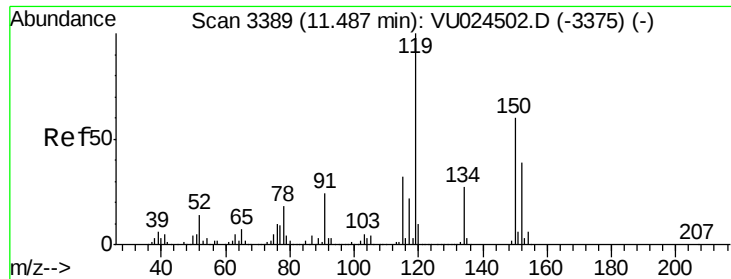
sam
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#71
Bromoform
Concen: 49.480 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.6	74.0
254	0.0	0.0	0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Instrument :

MSVOA_U

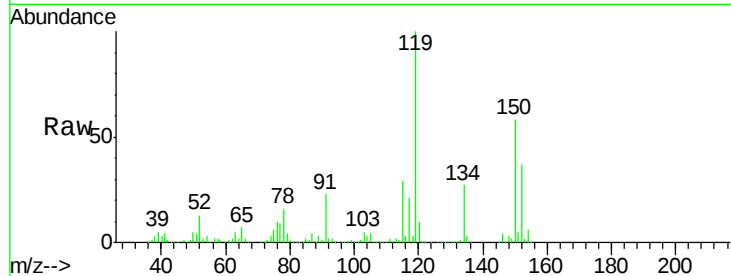
ClientSampleId :

WP021MW011-180627MS

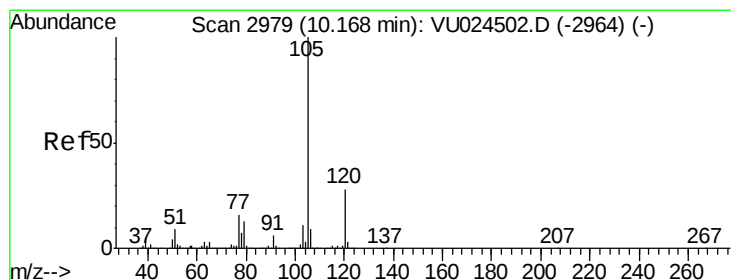
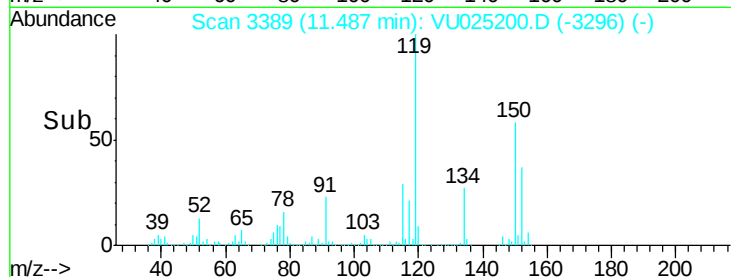
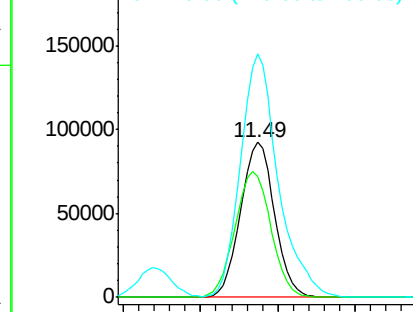
Tot Ion:	152	Resp:	140532
Ion Ratio	Lower	Upper	
152	100		
115	86.2	43.0	129.0
150	175.0	0.0	354.0

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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: 53.383 ug/l

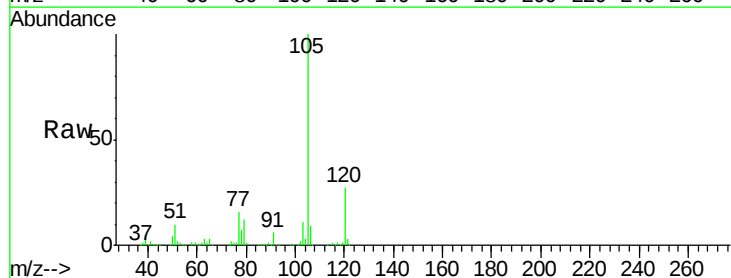
RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

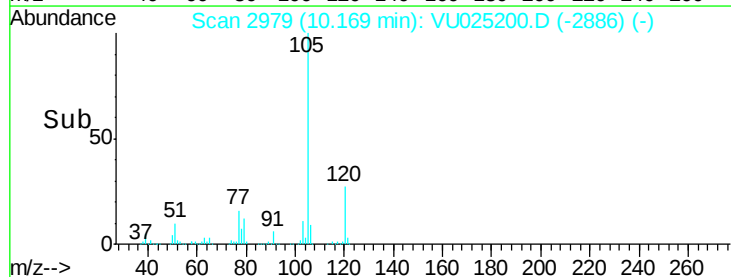
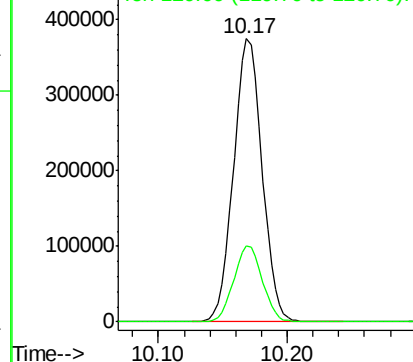
Lab File: VU025200.D

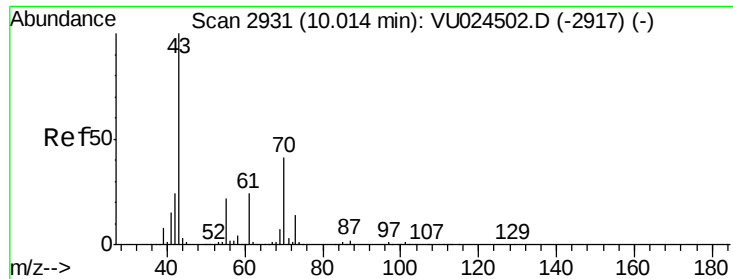
Acq: 03 Jul 2018 19:39

Tgt Ion:	105	Resp:	575973
Ion Ratio	Lower	Upper	
105	100		
120	27.0	13.2	39.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 48.632 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Instrument :

MSVOA_U

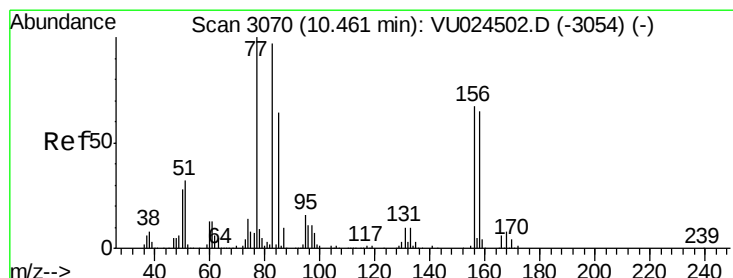
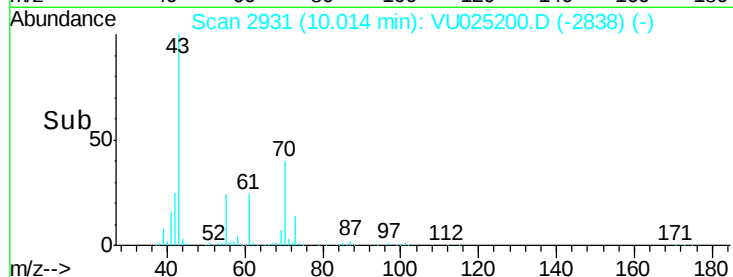
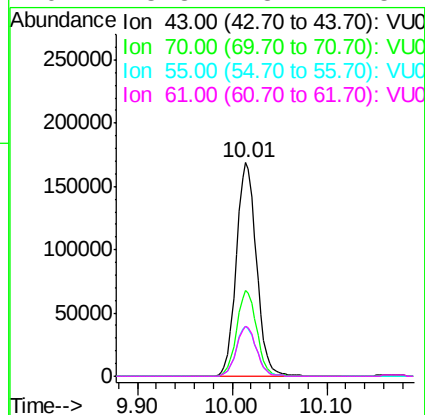
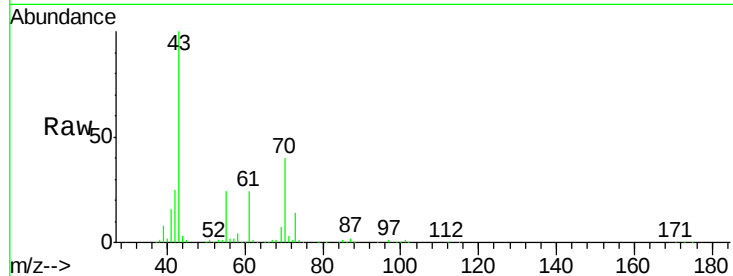
ClientSampleId :

WP021MW011-180627MS

Tot Ion:	43	Resp:	249578
Ion	Ratio	Lower	Upper
43	100		
70	40.0	32.2	48.4
55	23.8	20.5	30.7
61	23.3	18.7	28.1

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 55.412 ug/l

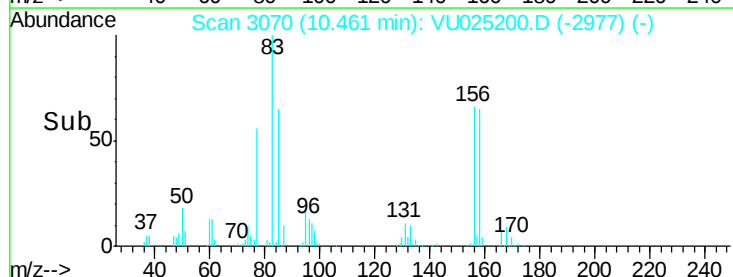
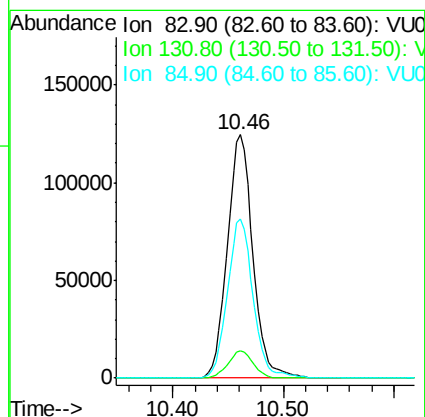
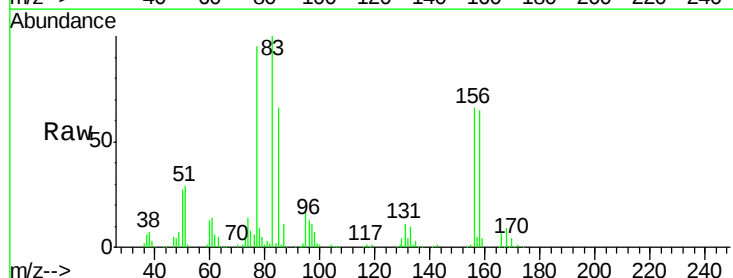
RT: 10.46 min Scan# 3070

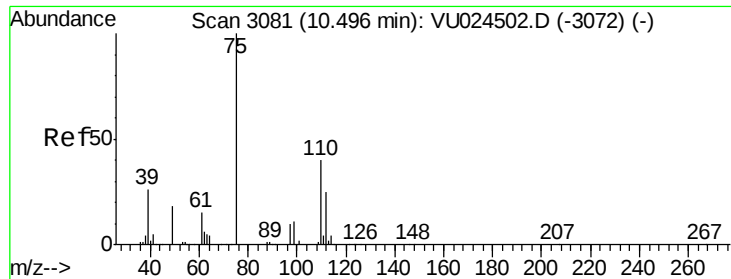
Delta R.T. 0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Tgt Ion:	83	Resp:	200348
Ion	Ratio	Lower	Upper
83	100		
131	10.9	4.7	14.1
85	65.8	32.5	97.5





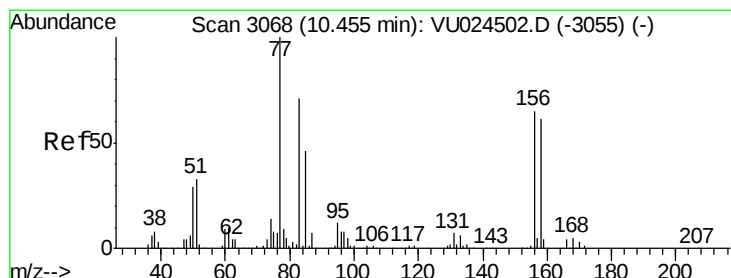
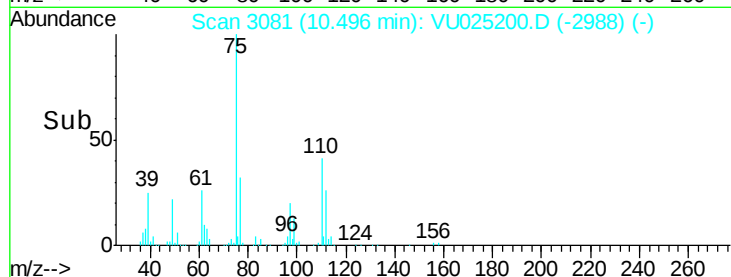
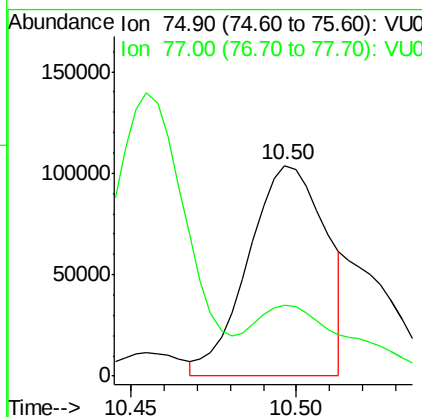
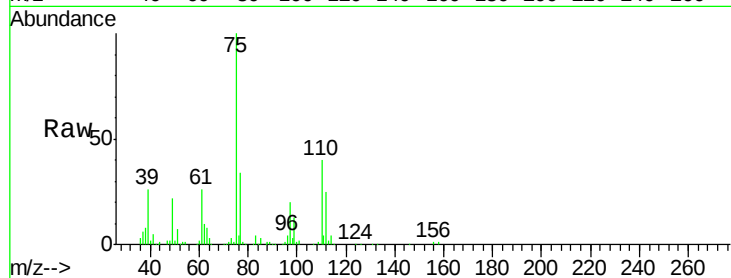
#76
 1,2,3-Trichloropropane
 Concen: 54.731 ug/l m
 RT: 10.50 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW011-180627MS

Tot Ion: 75 Resp: 169337
 Ion Ratio Lower Upper
 75 100
 77 44.5 20.9 62.7

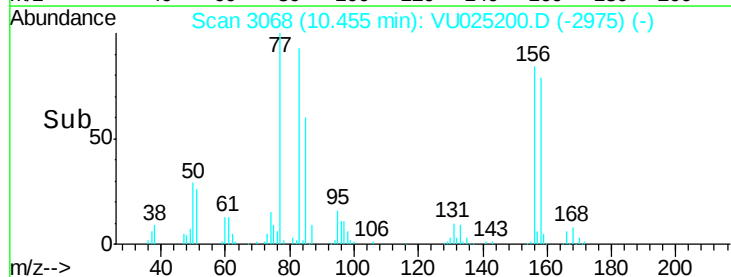
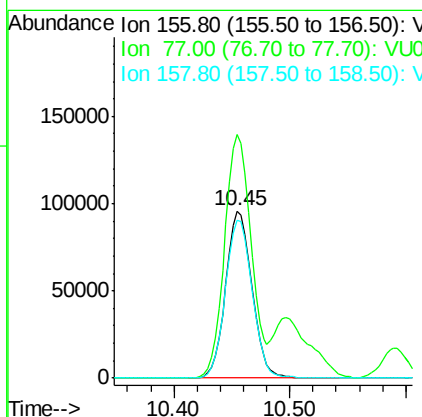
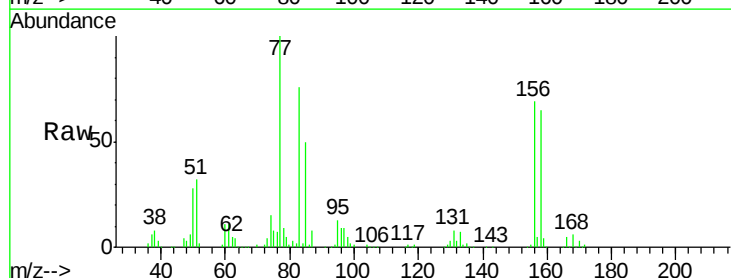
Manual Integrations
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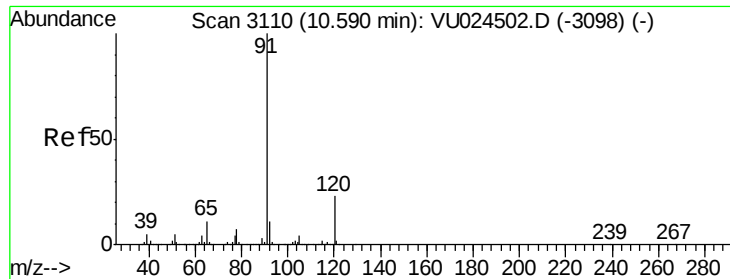
sam
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#77
 Bromobenzene
 Concen: 54.881 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. 0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Tgt Ion: 156 Resp: 149908
 Ion Ratio Lower Upper
 156 100
 77 148.6 80.5 241.3
 158 97.0 48.2 144.6





#78

n-propylbenzene

Concen: 50.847 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Instrument :

MSVOA_U

ClientSampleId :

WP021MW011-180627MS

Tot Ion: 91 Resp: 646265

Ion Ratio Lower Upper

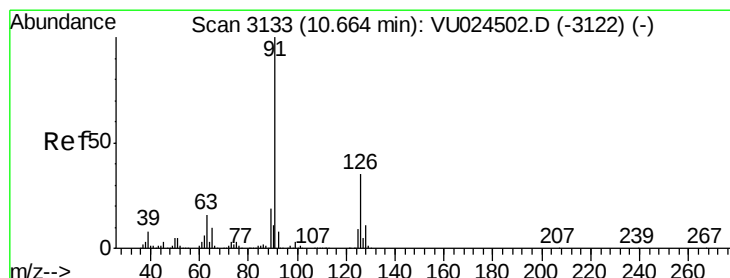
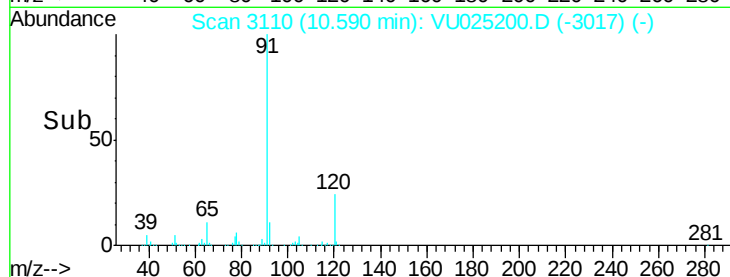
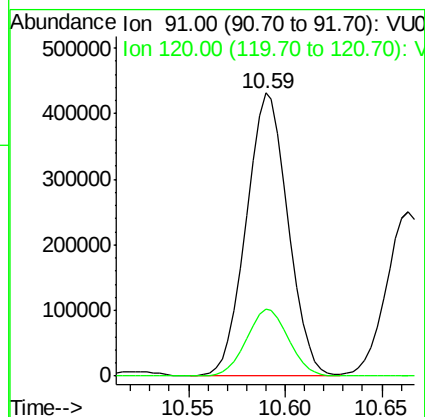
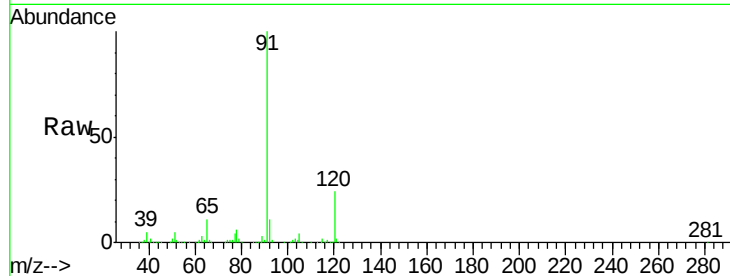
91 100

120 23.9 11.2 33.5

Manual Integrations
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#79

2-Chlorotoluene

Concen: 52.417 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025200.D

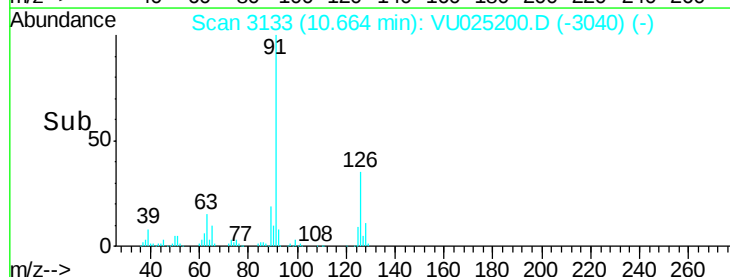
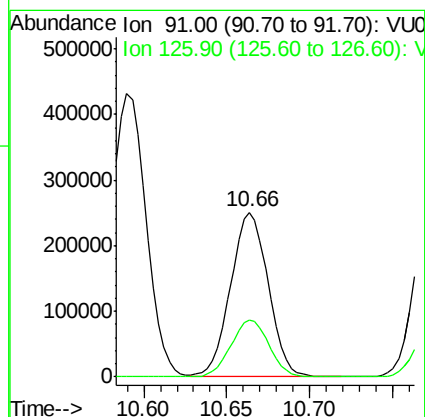
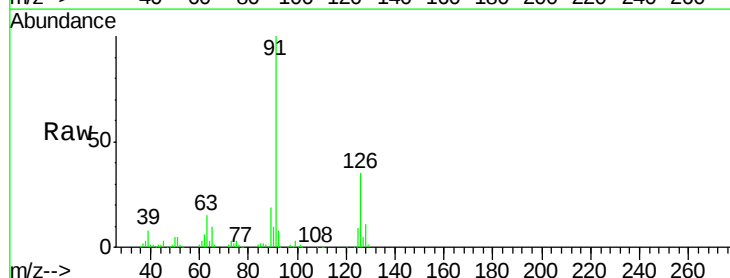
Acq: 03 Jul 2018 19:39

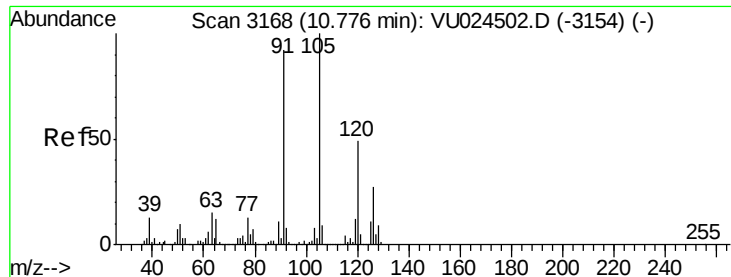
Tgt Ion: 91 Resp: 392877

Ion Ratio Lower Upper

91 100

126 35.1 16.9 50.7





#80

1,3,5-Trimethylbenzene

Concen: 53.275 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Instrument :

MSVOA_U

ClientSampleId :

WP021MW011-180627MS

Tot Ion:105 Resp: 498211

Ion Ratio Lower Upper

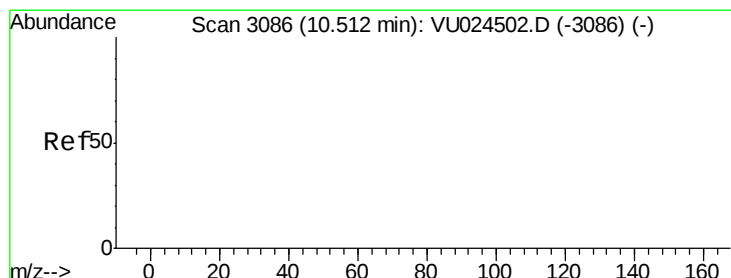
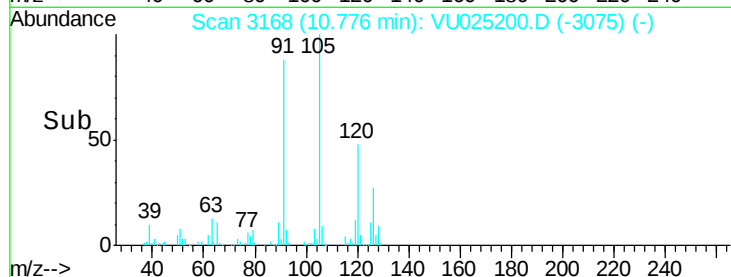
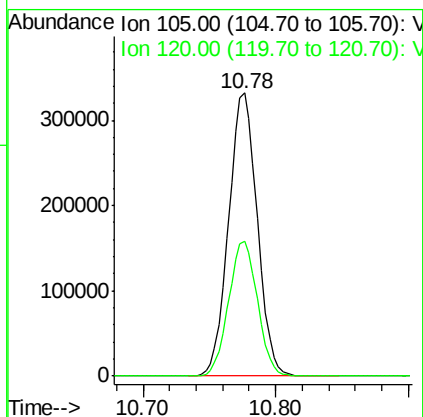
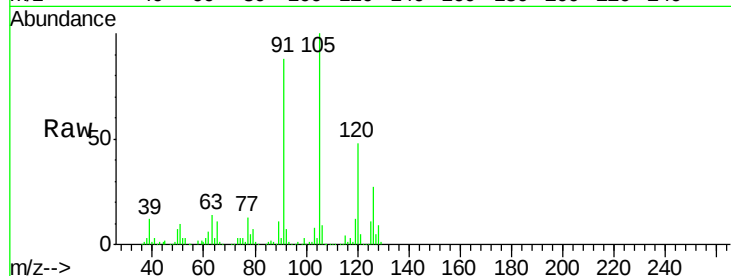
105 100

120 48.1 24.1 72.2

Manual Integrations
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#81

trans-1,4-Dichloro-2-butene

Concen: 46.549 ug/l m

RT: 10.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

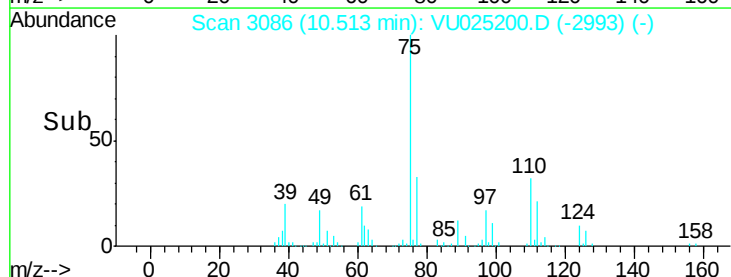
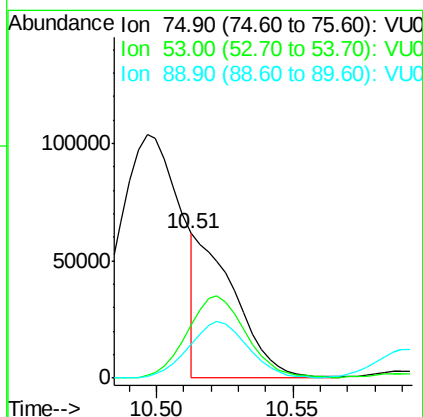
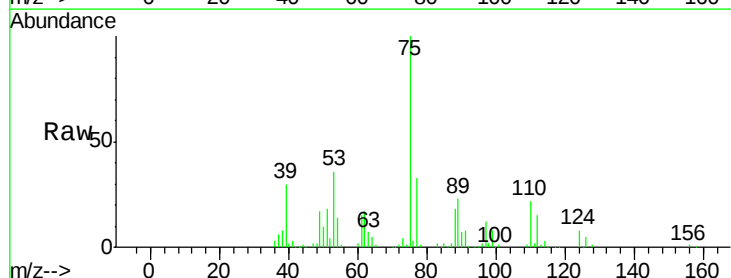
Tgt Ion: 75 Resp: 62228

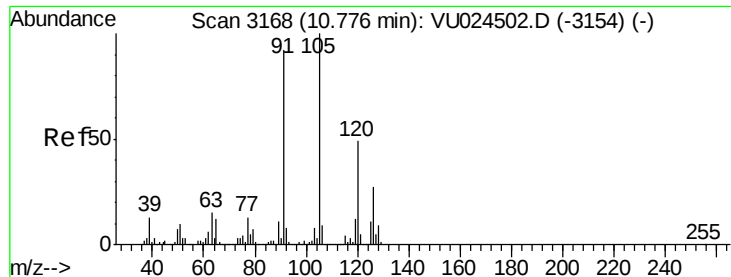
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 52.112 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Instrument :

MSVOA_U

ClientSampleId :

WP021MW011-180627MS

Tot Ion: 91 Resp: 454614

Ion Ratio Lower Upper

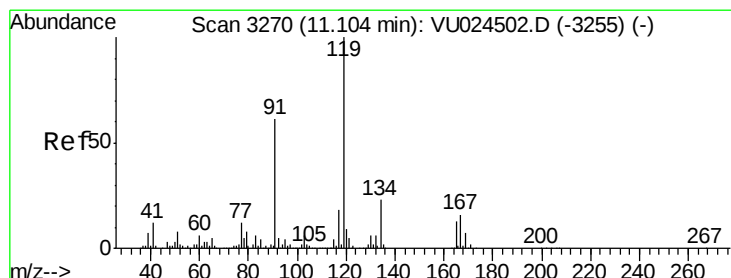
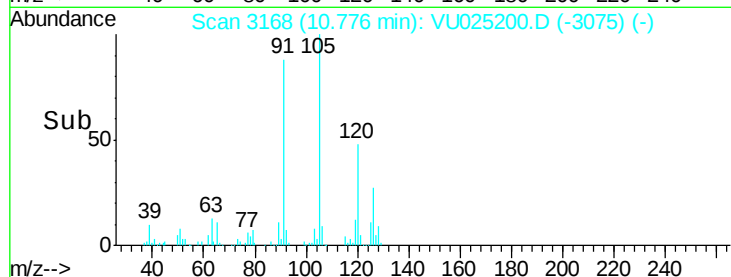
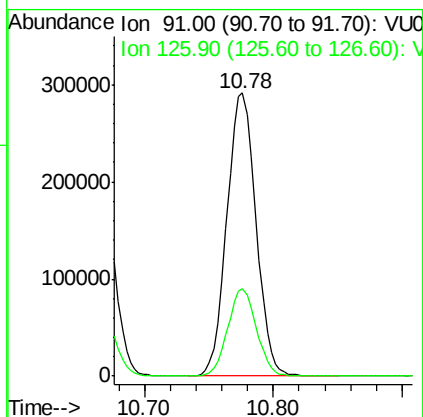
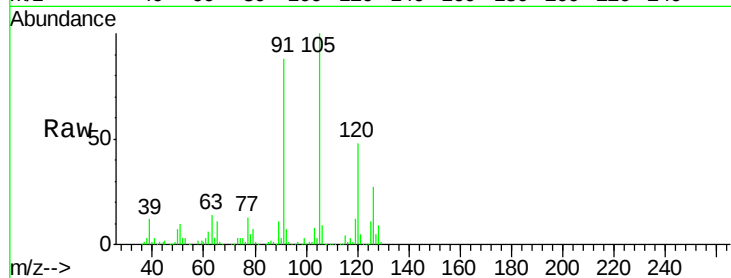
91 100

126 30.5 14.9 44.9

Manual Integrations
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#83

tert-Butylbenzene

Concen: 55.963 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

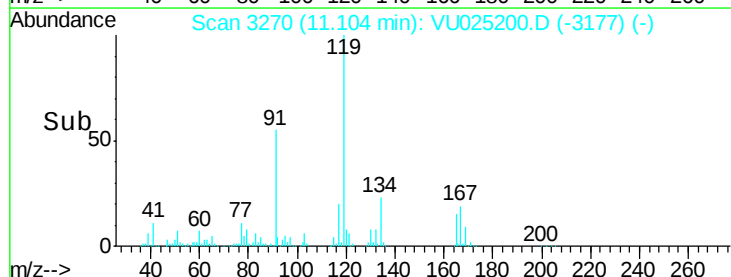
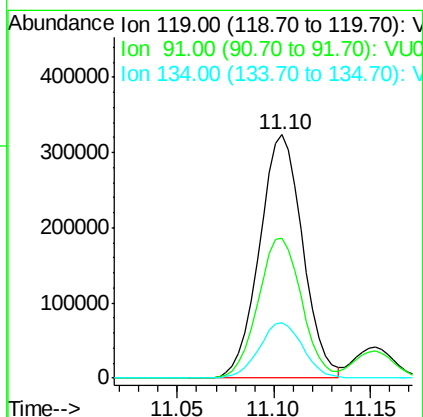
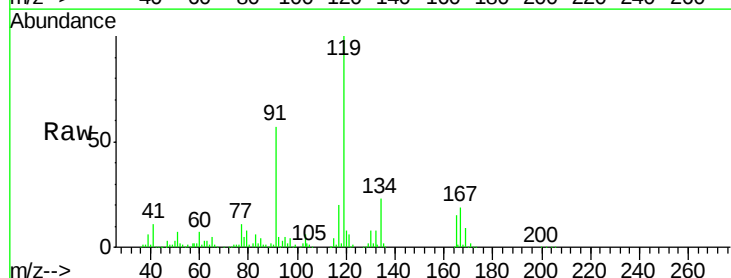
Tgt Ion: 119 Resp: 503425

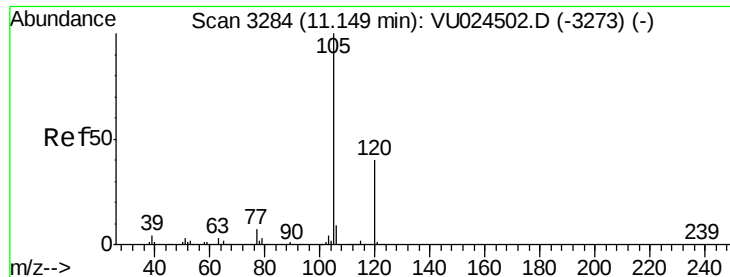
Ion Ratio Lower Upper

119 100

91 58.3 29.7 89.1

134 23.0 11.6 34.7





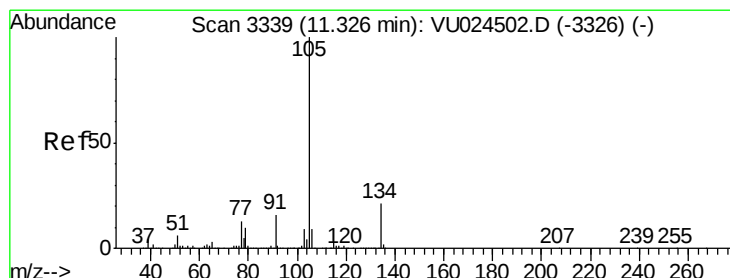
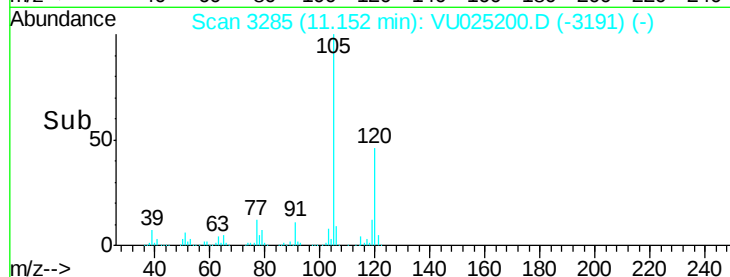
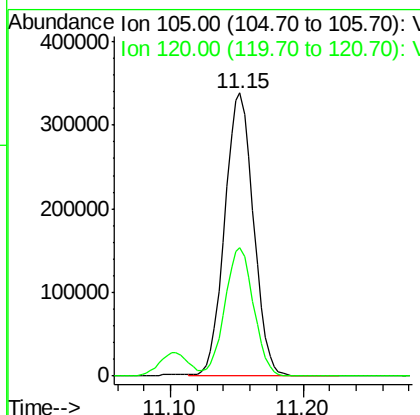
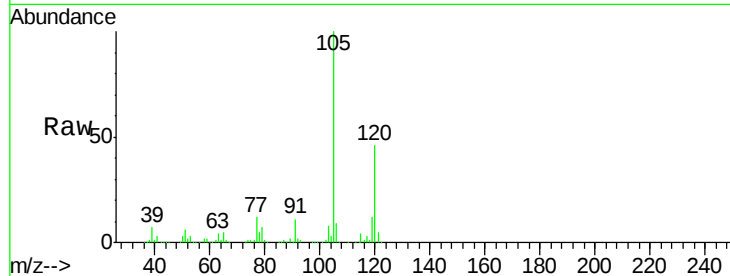
#84
 1,2,4-Trimethylbenzene
 Concen: 53.361 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW011-180627MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.6	67.8

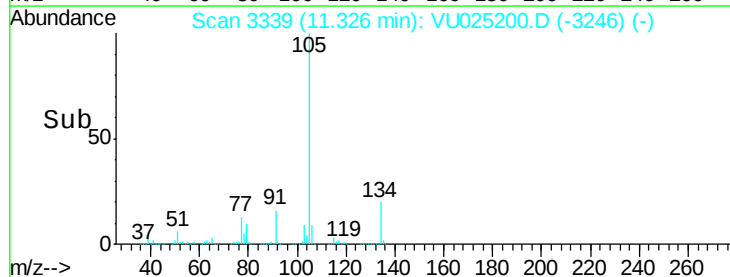
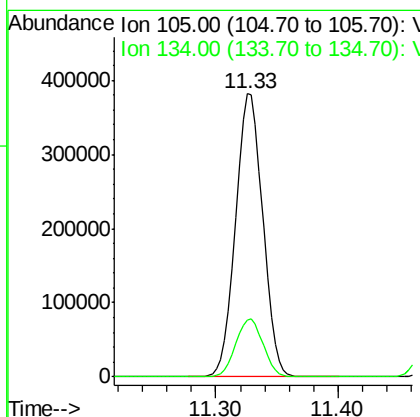
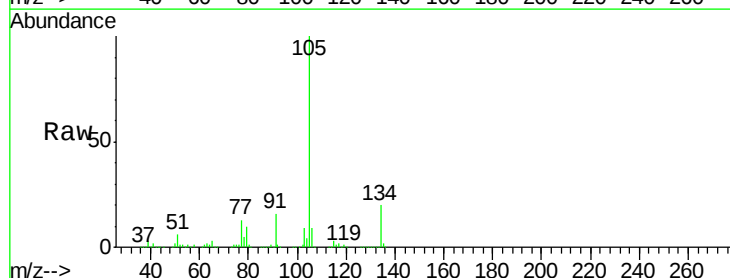
Manual Integrations
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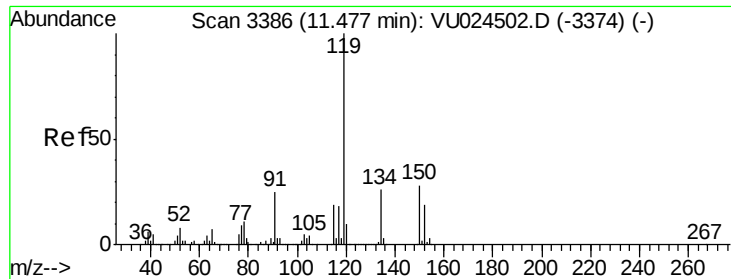
sam
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#85
 sec-Butylbenzene
 Concen: 52.358 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.6	9.7	29.1





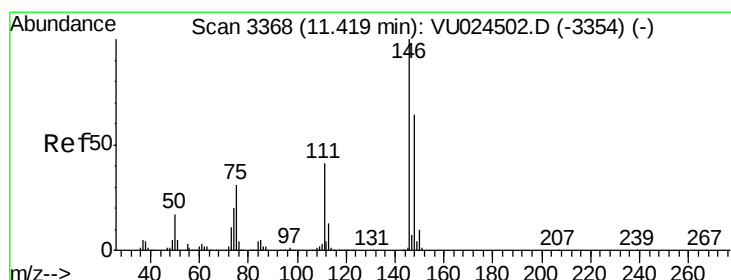
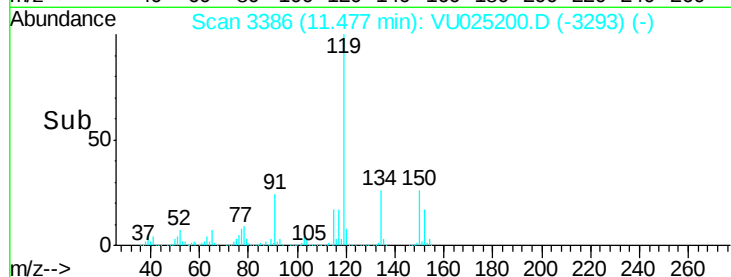
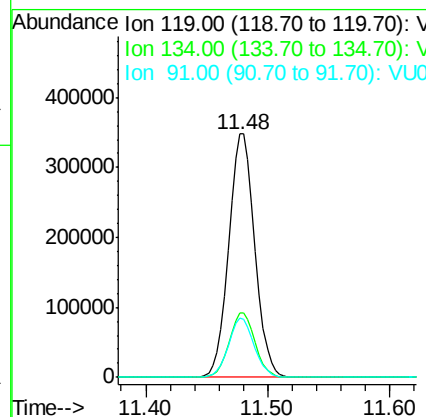
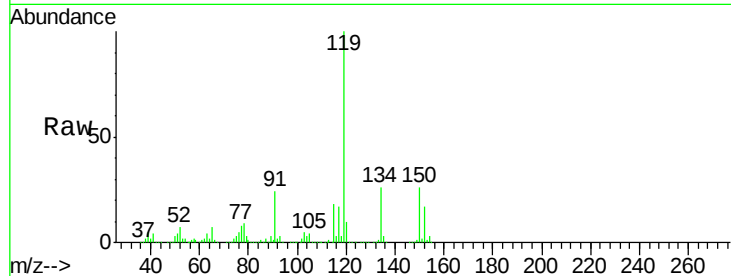
#86
 p-Isopropyltoluene
 Concen: 51.628 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW011-180627MS

Tot Ion:	119	Resp:	520660
Ion Ratio	Lower	Upper	
119	100		
134	26.4	12.9	38.6
91	24.0	12.0	36.1

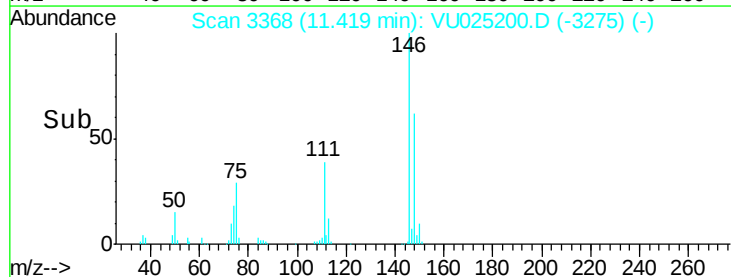
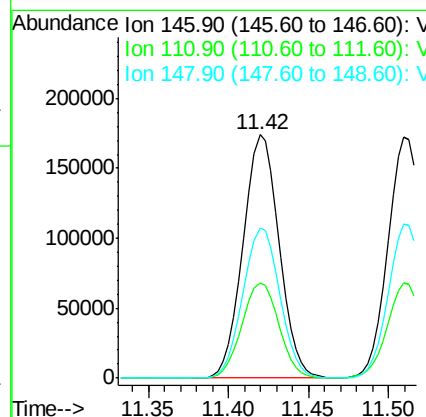
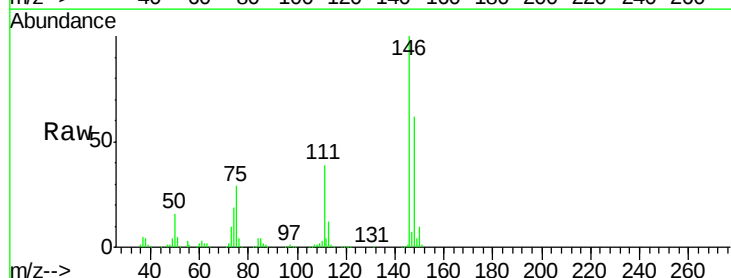
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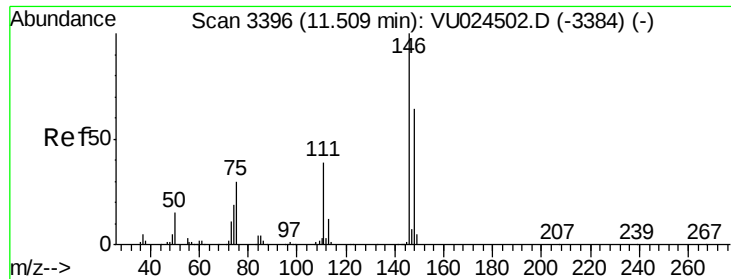
sam
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#87
 1,3-Dichlorobenzene
 Concen: 52.926 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Tgt Ion:	146	Resp:	267087
Ion Ratio	Lower	Upper	
146	100		
111	40.1	20.0	60.0
148	63.2	32.1	96.5





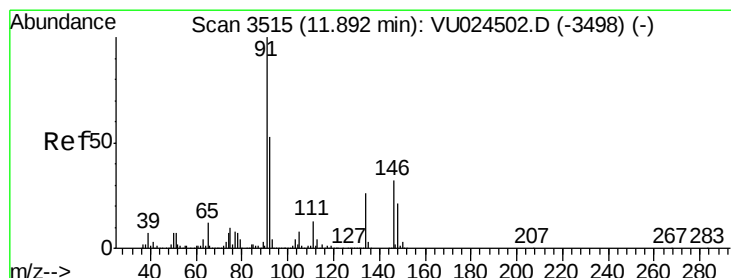
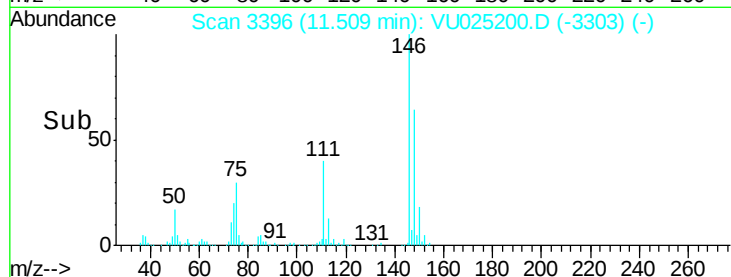
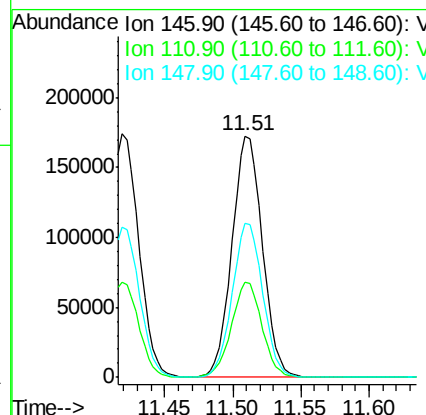
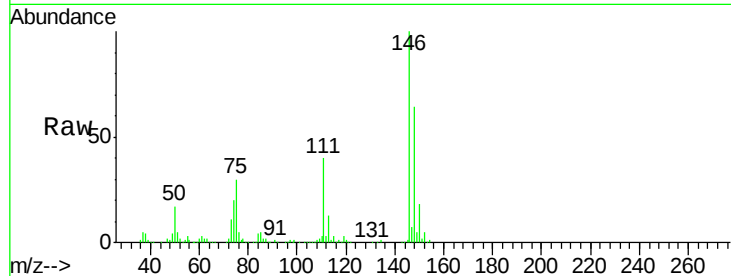
#88
 1,4-Dichlorobenzene
 Concen: 52.671 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW011-180627MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.5	58.5
148	63.6	32.4	97.0

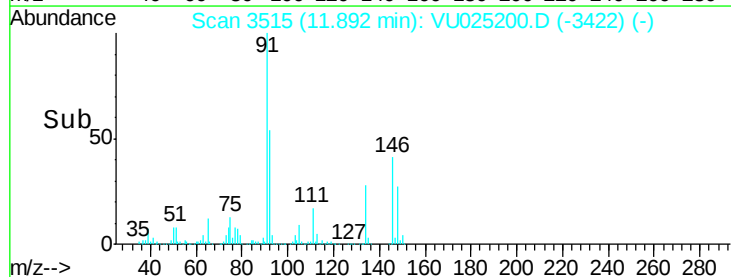
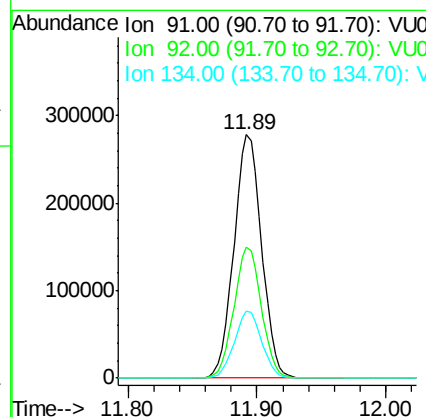
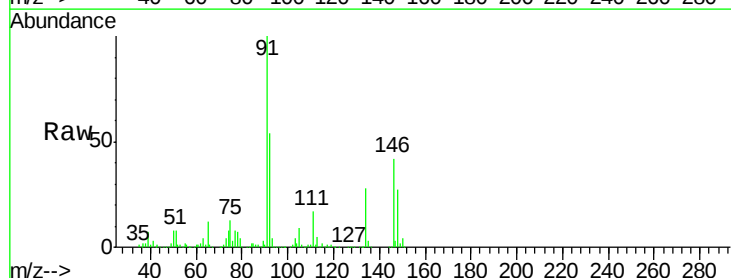
Manual Integrations
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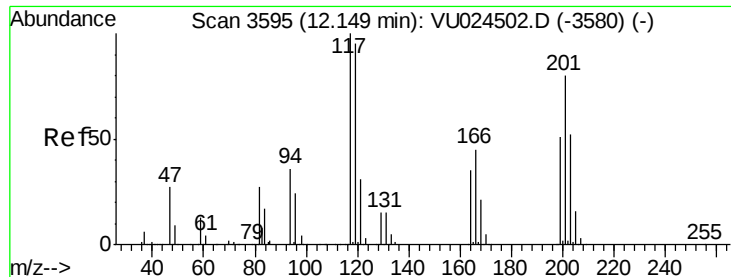
sam
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#89
 n-Butylbenzene
 Concen: 46.166 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	25.6	76.8
134	27.3	12.3	36.8





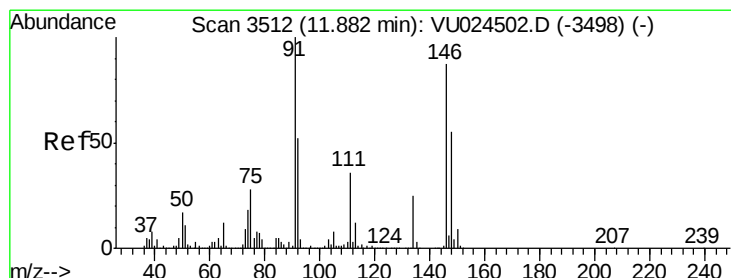
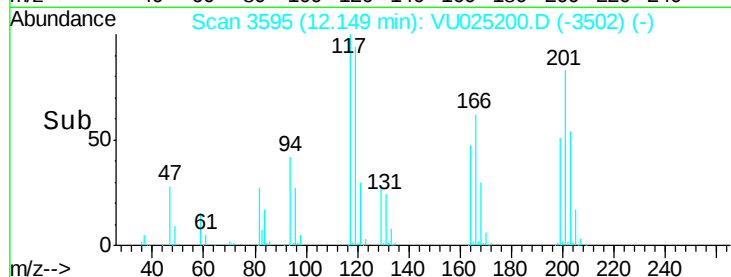
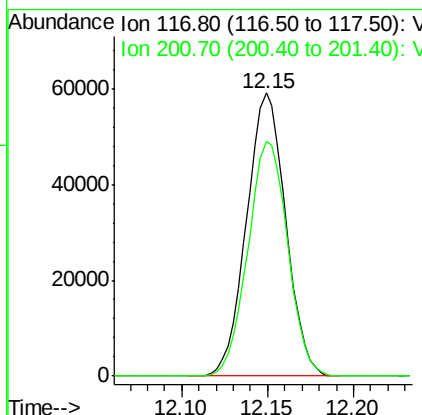
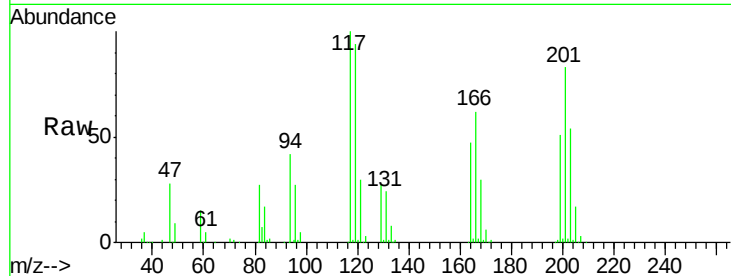
#90
Hexachloroethane
Concen: 47.454 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Instrument :
MSVOA_U
ClientSampleId :
WP021MW011-180627MS

Tot Ion:117 Resp: 93356
Ion Ratio Lower Upper
117 100
201 84.3 41.1 123.3

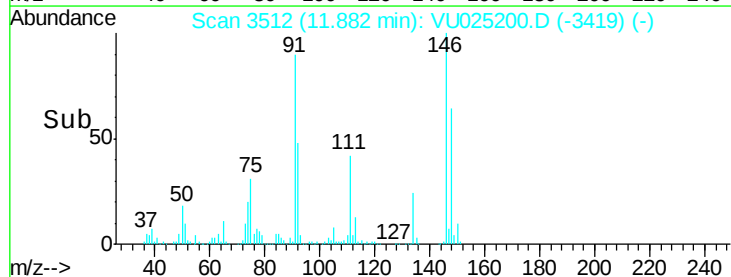
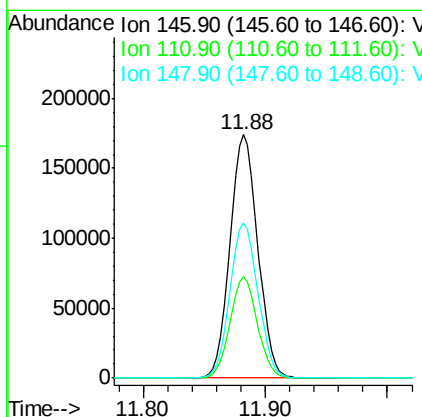
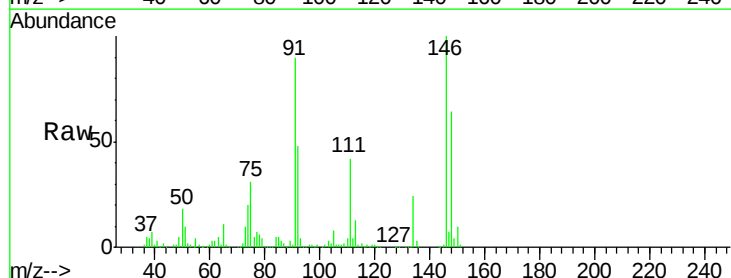
Manual Integrations
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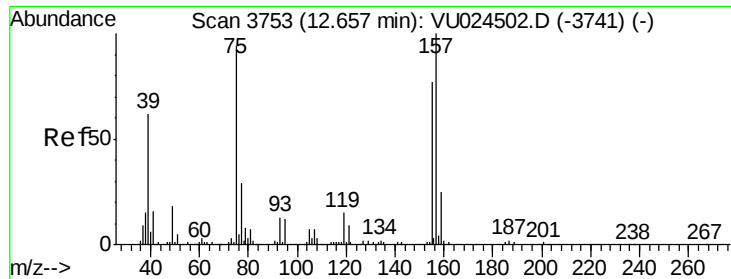
sam
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#91
1,2-Dichlorobenzene
Concen: 54.766 ug/l
RT: 11.88 min Scan# 3512
Delta R.T. 0.00 min
Lab File: VU025200.D
Acq: 03 Jul 2018 19:39

Tgt Ion:146 Resp: 276826
Ion Ratio Lower Upper
146 100
111 40.9 20.5 61.6
148 64.5 31.9 95.7





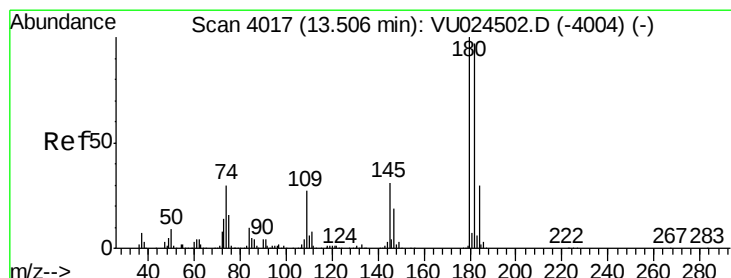
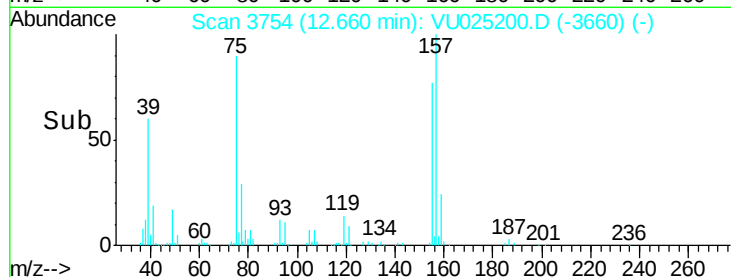
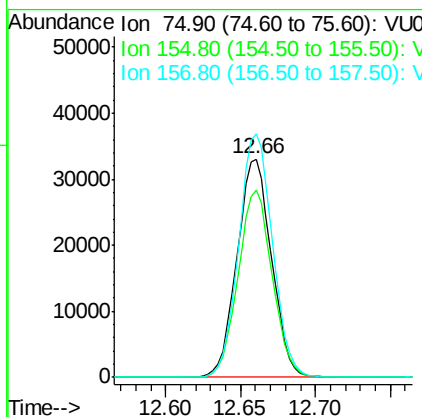
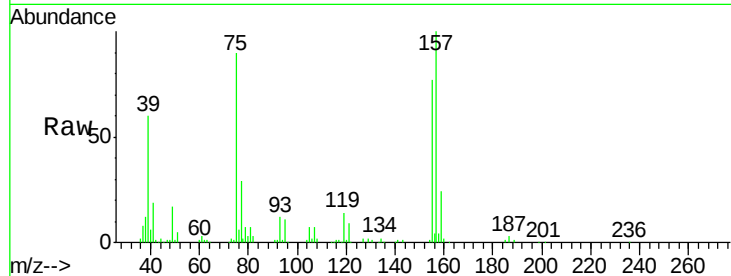
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.200 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW011-180627MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	85.0	40.4	121.2
157	109.3	52.3	156.8

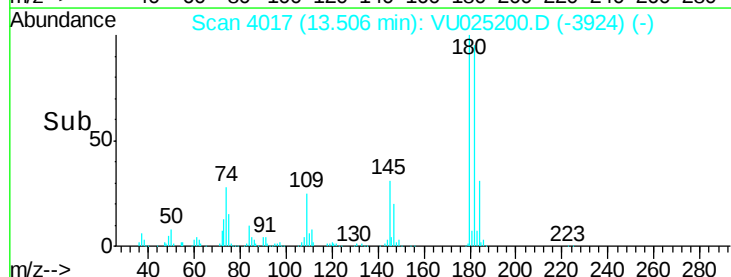
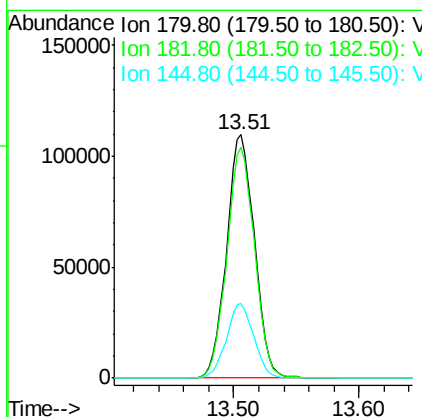
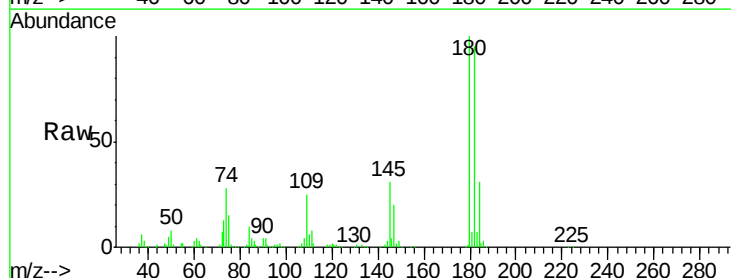
Manual Integrations
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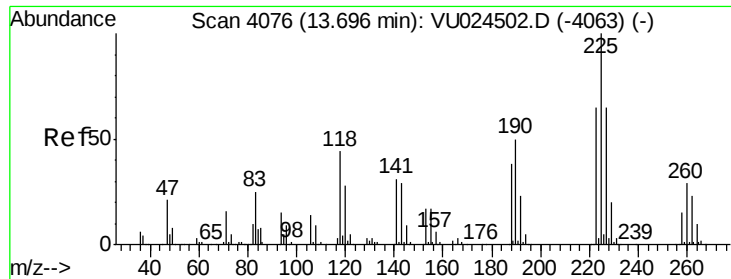
sam
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#93
 1,2,4-Trichlorobenzene
 Concen: 54.553 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.0	144.2
145	30.1	14.7	44.1





#94

Hexachlorobutadiene

Concen: 51.494 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. 0.00 min

Lab File: VU025200.D

Acq: 03 Jul 2018 19:39

Instrument :

MSVOA_U

ClientSampleId :

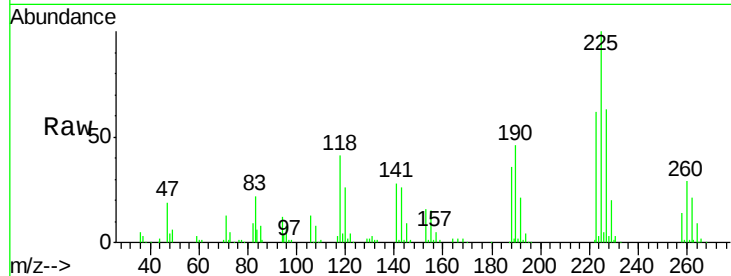
WP021MW011-180627MS

Tot Ion:	225	Resp:	90469
Ion Ratio	Lower	Upper	
225	100		
223	63.4	31.3	93.8
227	64.0	31.8	95.4

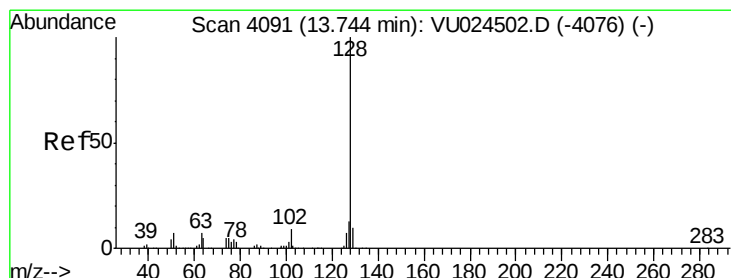
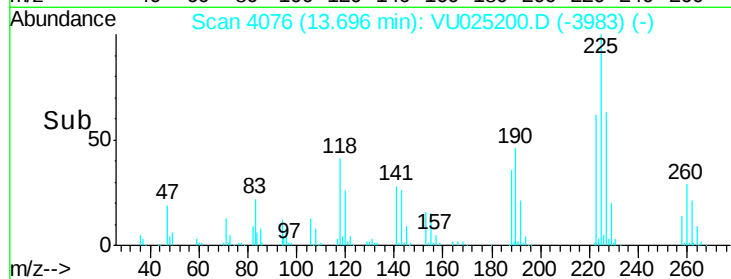
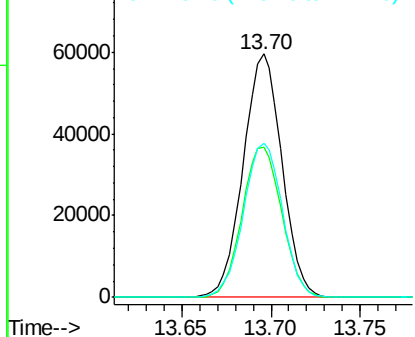
Manual Integrations
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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 58.153 ug/l

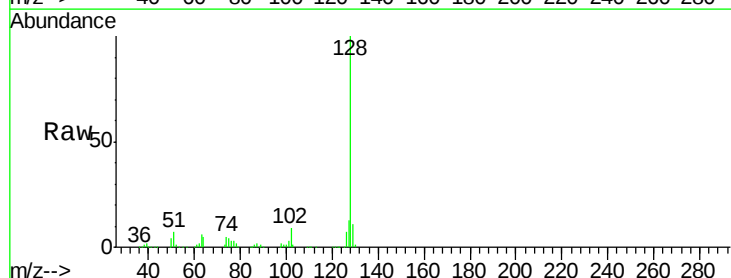
RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

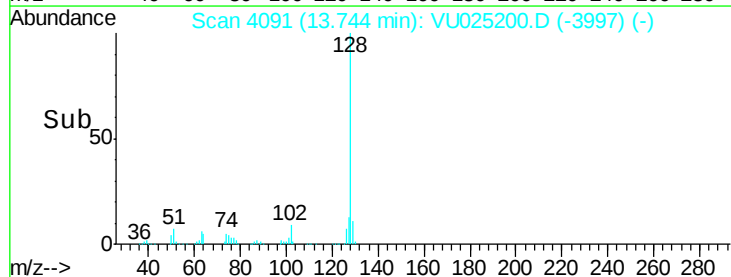
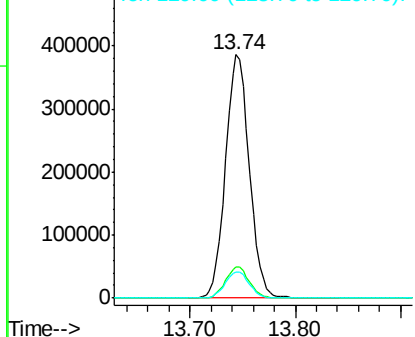
Lab File: VU025200.D

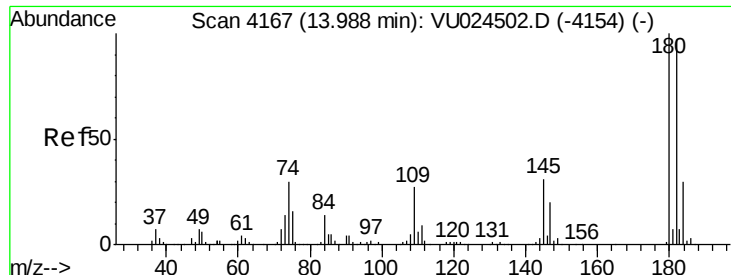
Acq: 03 Jul 2018 19:39

Tgt Ion:	128	Resp:	602073
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	11.0	8.6	12.8



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





#96
 1,2,3-Trichlorobenzene
 Concen: 59.199 ug/l
 RT: 13.99 min Scan# 4167
 Delta R.T. 0.00 min
 Lab File: VU025200.D
 Acq: 03 Jul 2018 19:39

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW011-180627MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	47.9	143.7	
145	30.9	15.4	46.1	

Manual Integrations
 APPROVED

sam
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