

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
 Data File : VU025210.D
 Acq On : 05 Jul 2018 12:59
 Operator : MD/SY
 Sample : VU0705WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0705WBS01

Manual Integrations
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 7/6/2018 4:21:39 PM

Quant Time: Jul 06 05:41:34 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	162191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	246261	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	231135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	130032	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	132280	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
35) Dibromofluoromethane	4.89	113	108943	53.30	ug/l	0.00
Spiked Amount			Recovery	=	106.60%	
50) Toluene-d8	7.57	98	342884	45.99	ug/l	0.00
Spiked Amount			Recovery	=	91.98%	
62) 4-Bromofluorobenzene	10.31	95	146638	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	34584	17.035	ug/l	98
3) Chloromethane	1.33	50	37419	18.041	ug/l	99
4) Vinyl Chloride	1.40	62	41272	19.295	ug/l	99
5) Bromomethane	1.62	94	26488	25.617	ug/l	98
6) Chloroethane	1.70	64	26684	21.730	ug/l	98
7) Trichlorofluoromethane	1.89	101	69820	21.389	ug/l	98
8) Diethyl Ether	2.10	74	25922	22.292	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.29	101	41462	20.474	ug/l	97
10) Methyl Iodide	2.41	142	38165	25.202	ug/l	98
11) Tert butyl alcohol	2.82	59	70146	108.928	ug/l	100
12) 1,1-Dichloroethene	2.28	96	36674	19.858	ug/l	96
13) Acrolein	2.19	56	14301	42.290	ug/l	92
14) Allyl chloride	2.59	41	66272	19.327	ug/l	98
15) Acrylonitrile	2.94	53	139545	111.376	ug/l	98
16) Acetone	2.32	43	144476	101.553	ug/l	98
17) Carbon Disulfide	2.48	76	100273	16.957	ug/l	98
18) Methyl Acetate	2.62	43	85225	27.944	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	153164	22.063	ug/l	97
20) Methylene Chloride	2.70	84	46053	20.631	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	41779	20.540	ug/l	98
22) Diisopropyl ether	3.57	45	148655	21.869	ug/l	93
23) Vinyl Acetate	3.53	43	614445	100.909	ug/l	98
24) 1,1-Dichloroethane	3.45	63	83713	21.408	ug/l	98
25) 2-Butanone	4.26	43	205665	107.624	ug/l	97
26) 2,2-Dichloropropane	4.23	77	76062	20.485	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	50477	21.586	ug/l	100
28) Bromochloromethane	4.55	49	36882	21.413	ug/l	88
29) Tetrahydrofuran	4.64	42	128057	108.212	ug/l	97
30) Chloroform	4.68	83	89595	22.637	ug/l	98
31) Cyclohexane	5.00	56	74998	20.430	ug/l	92
32) 1,1,1-Trichloroethane	4.92	97	80212	21.916	ug/l	97
36) 1,1-Dichloropropene	5.14	75	60694	20.974	ug/l	98
37) Ethyl Acetate	4.38	43	73225	23.217	ug/l	96
38) Carbon Tetrachloride	5.14	117	70726	22.226	ug/l	97

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Manual Integrations
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Quant Time: Jul 06 05:41:34 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)
39) Methylcyclohexane	6.42	83	74657	20.674	ug/l	95
40) Benzene	5.39	78	179375	21.754	ug/l	100
41) Methacrylonitrile	4.54	41	40429	23.775	ug/l	97
42) 1,2-Dichloroethane	5.41	62	76285	24.291	ug/l	99
43) Isopropyl Acetate	5.55	43	118797	21.790	ug/l	99
44) Trichloroethene	6.19	130	48762	20.779	ug/l	100
45) 1,2-Dichloropropane	6.44	63	46993	21.359	ug/l	96
46) Dibromomethane	6.56	93	34907	22.588	ug/l	95
47) Bromodichloromethane	6.76	83	66679	21.668	ug/l	100
48) Methyl methacrylate	6.63	41	60151	22.658	ug/l	98
49) 1,4-Dioxane	6.62	88	28051	540.314	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	389569	113.739	ug/l	100
52) Toluene	7.64	92	116685	21.996	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	71755	20.763	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	74951	20.354	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	48164	22.335	ug/l	97
56) Ethyl methacrylate	8.02	69	75774	20.994	ug/l	98
57) 1,3-Dichloropropane	8.25	76	82887	22.786	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	127411	92.145	ug/l	94
59) 2-Hexanone	8.36	43	305018	109.080	ug/l	99
60) Dibromochloromethane	8.48	129	53274	19.812	ug/l	100
61) 1,2-Dibromoethane	8.59	107	54235	22.597	ug/l	98
64) Tetrachloroethene	8.23	164	47409	21.579	ug/l	95
65) Chlorobenzene	9.12	112	132988	22.523	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	50662	22.584	ug/l	97
67) Ethyl Benzene	9.25	91	227624	21.990	ug/l	98
68) m/p-Xylenes	9.38	106	177235	44.589	ug/l	97
69) o-Xylene	9.78	106	87133	22.150	ug/l	99
70) Styrene	9.80	104	136799	21.161	ug/l	99
71) Bromoform	9.96	173	41449	19.439	ug/l #	98
73) Isopropylbenzene	10.17	105	236774	23.717	ug/l	100
74) N-amyl acetate	10.01	43	97113	20.451	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	81021	24.218	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	71616m	25.016	ug/l	
77) Bromobenzene	10.46	156	61092	24.172	ug/l	94
78) n-propylbenzene	10.59	91	257588	21.903	ug/l	98
79) 2-Chlorotoluene	10.66	91	161370	23.268	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	202484	23.400	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	25187m	20.362	ug/l	
82) 4-Chlorotoluene	10.78	91	177620	22.005	ug/l	98
83) tert-Butylbenzene	11.10	119	202481	24.326	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	199798	22.657	ug/l	99
85) sec-Butylbenzene	11.33	105	236375	22.687	ug/l	98
86) p-Isopropyltoluene	11.48	119	205800	22.055	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	103639	22.195	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	103947	22.117	ug/l	100
89) n-Butylbenzene	11.89	91	156978	18.949	ug/l	98
90) Hexachloroethane	12.15	117	36135	19.851	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	108086	23.110	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19571	21.201	ug/l	96

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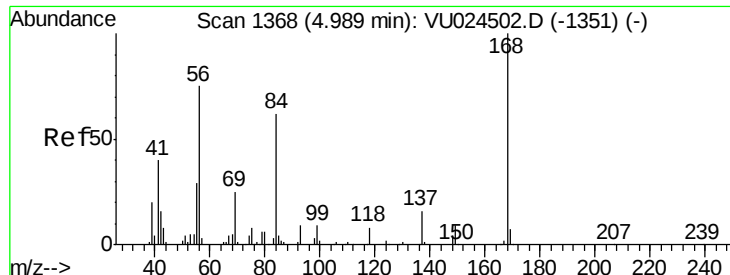
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Quant Time: Jul 06 05:41:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	60664	21.004	ug/l	99
94) Hexachlorobutadiene	13.70	225	36490	22.447	ug/l	99
95) Naphthalene	13.75	128	200833	21.399	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	67159	23.336	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

ClientSampleId :

VU0705WBS01

Tot Ion:168 Resp: 162191

Ion Ratio Lower Upper

168 100

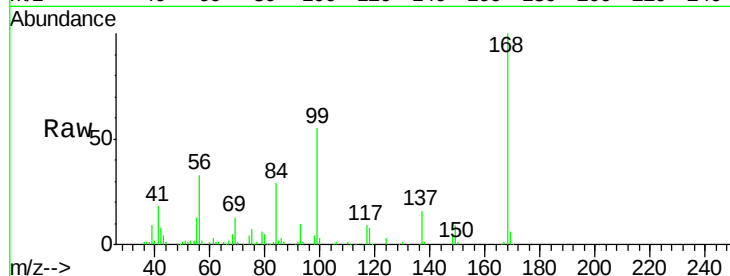
99 54.8 43.2 64.8

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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.99

80000

60000

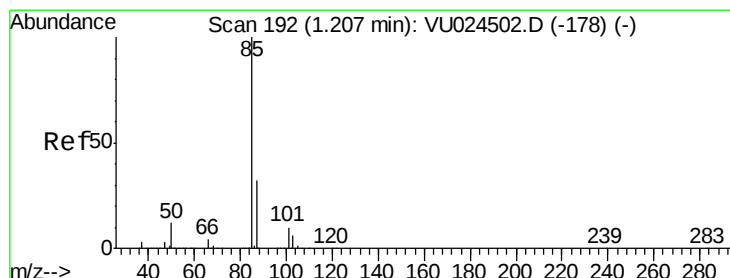
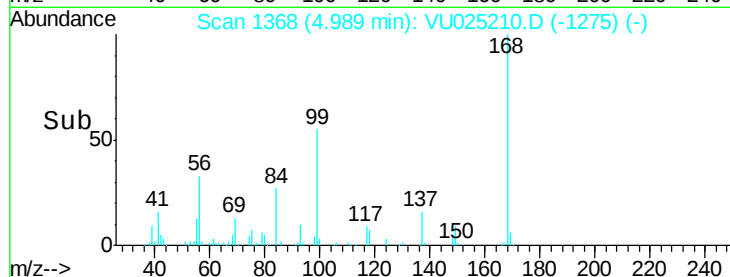
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.035 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025210.D

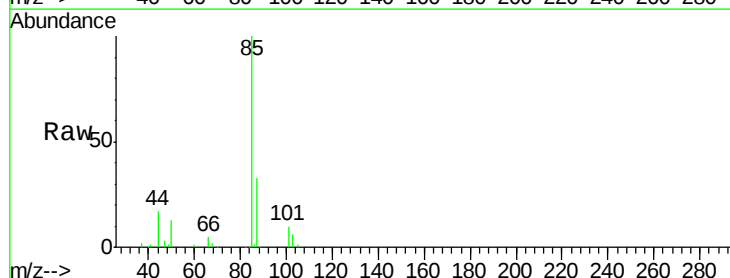
Acq: 05 Jul 2018 12:59

Tgt Ion: 85 Resp: 34584

Ion Ratio Lower Upper

85 100

87 33.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024502.D (-178) (-)

Ion 86.90 (86.60 to 87.60): VU024502.D (-178) (-)

1.20

30000

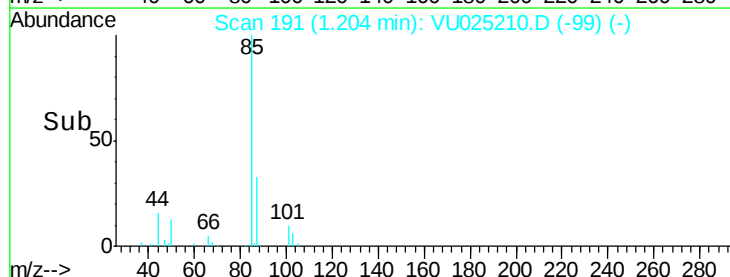
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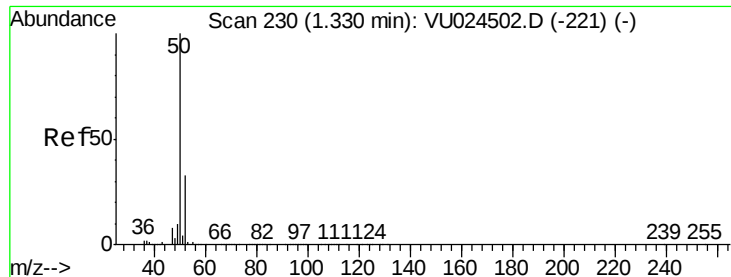
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.041 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

ClientSampleId :

VU0705WBS01

Tot Ion: 50 Resp: 37419

Ion Ratio Lower Upper

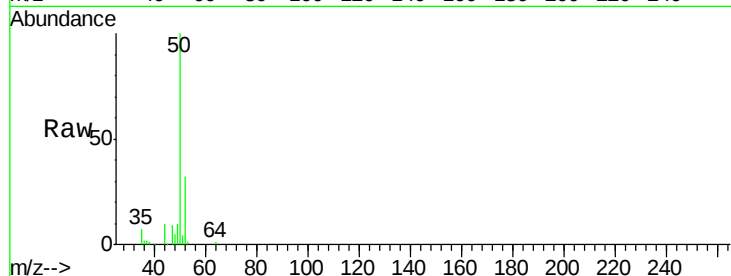
50 100

52 32.3 26.4 39.6

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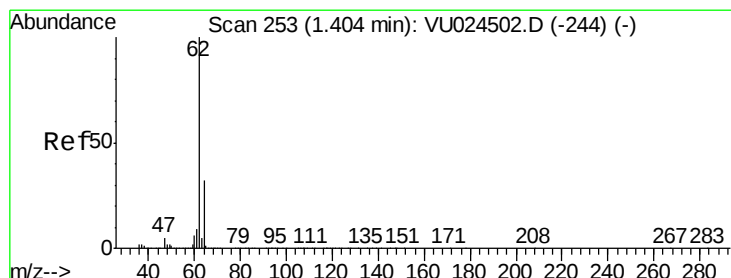
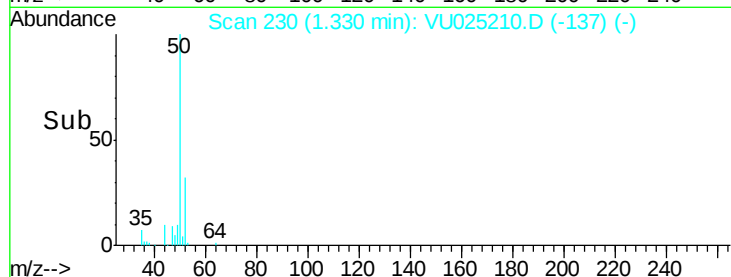
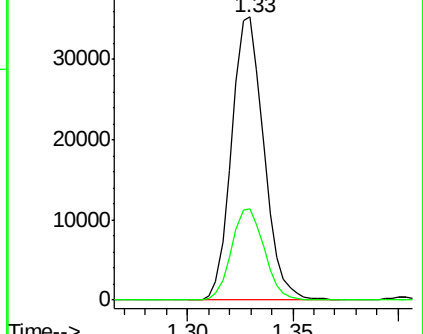
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 19.295 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025210.D

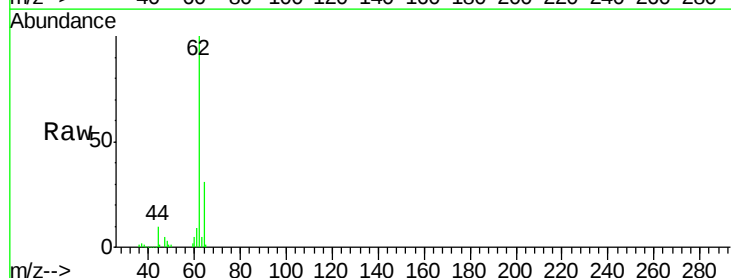
Acq: 05 Jul 2018 12:59

Tgt Ion: 62 Resp: 41272

Ion Ratio Lower Upper

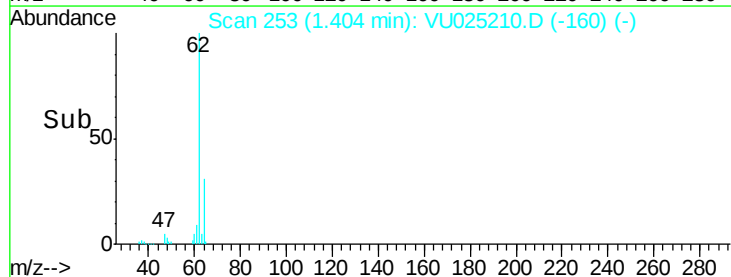
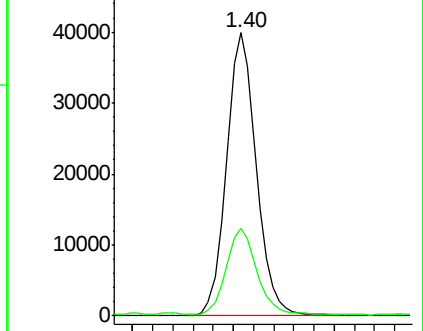
62 100

64 30.5 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 25.617 ug/l

RT: 1.62 min Scan# 320

Delta R.T. -0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

ClientSampleId :

VU0705WBS01

Tot Ion: 94 Resp: 26488

Ion Ratio Lower Upper

94 100

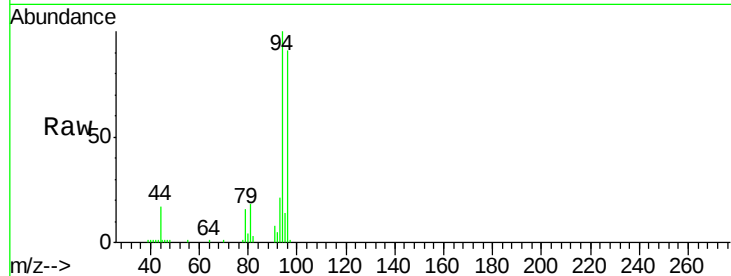
96 91.2 74.5 111.7

Manual Integrations

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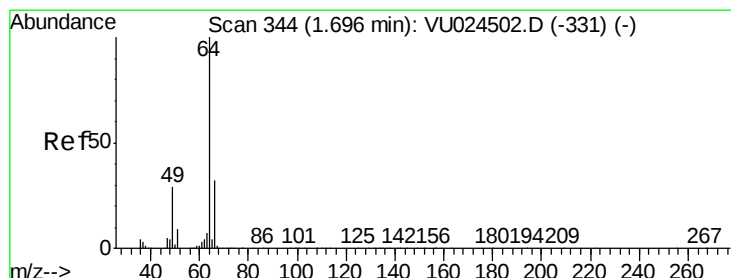
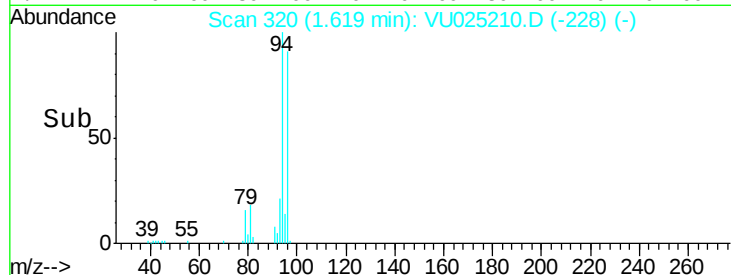
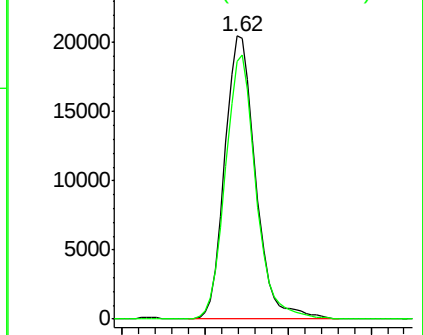
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 21.730 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU025210.D

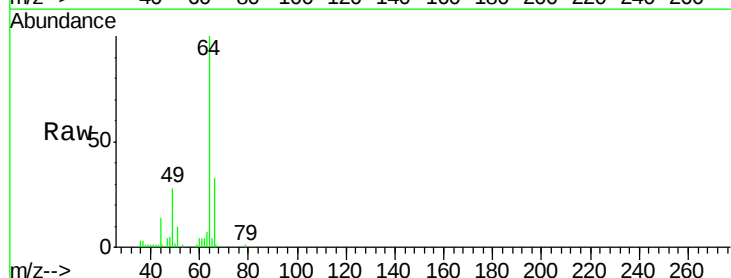
Acq: 05 Jul 2018 12:59

Tgt Ion: 64 Resp: 26684

Ion Ratio Lower Upper

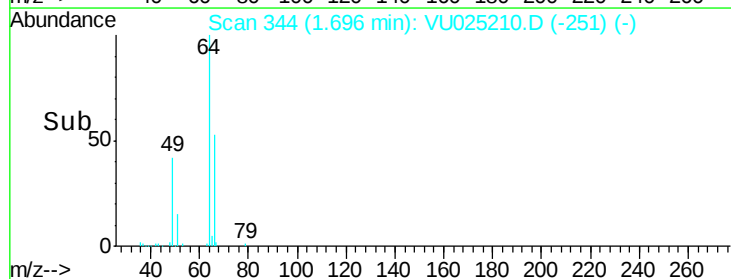
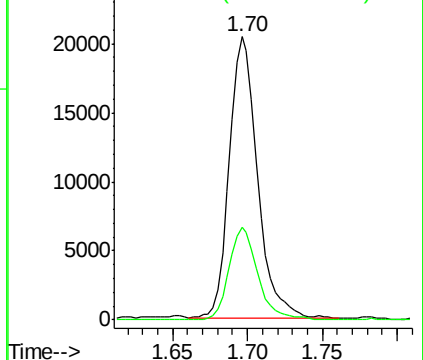
64 100

66 32.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

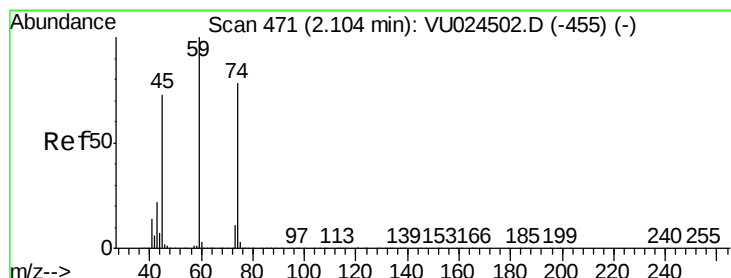
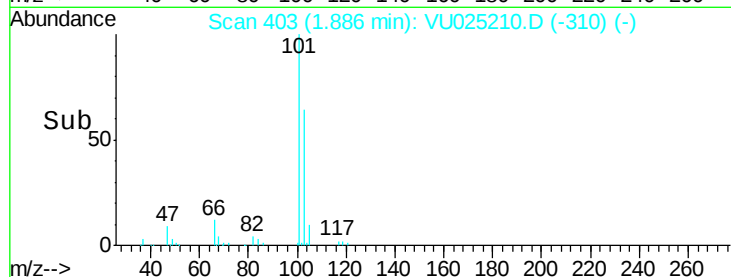
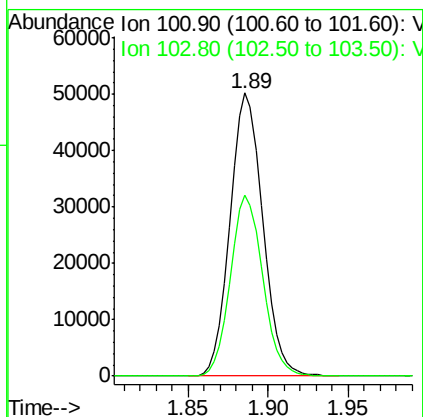
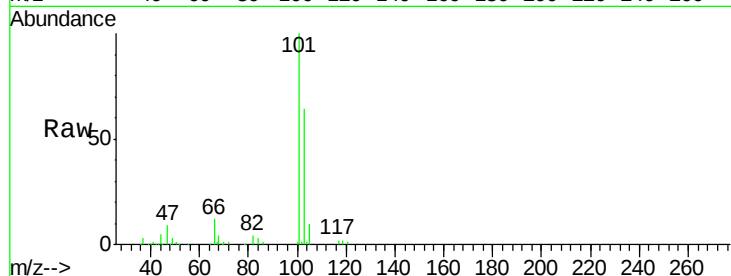
Trichlorofluoromethane
Concen: 21.389 ug/l
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Instrument :
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ClientSampleId :
VU0705WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.3	78.5

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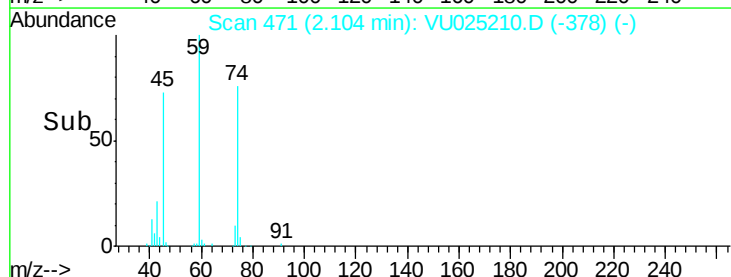
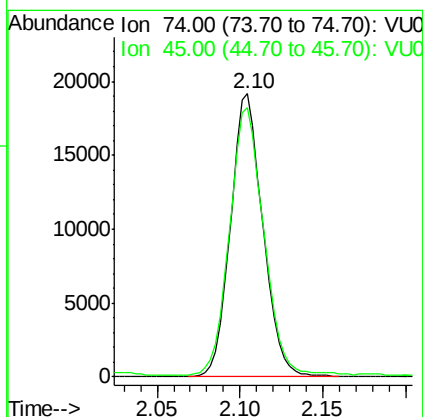
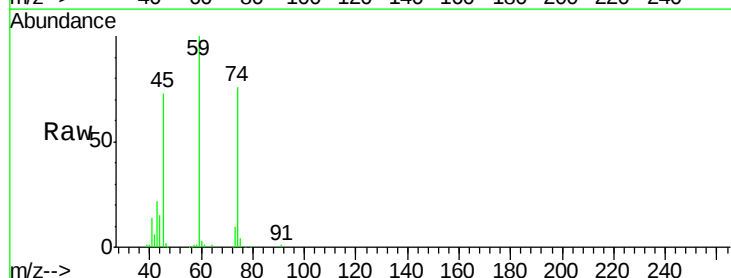
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#8

Diethyl Ether
Concen: 22.292 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.7	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.474 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

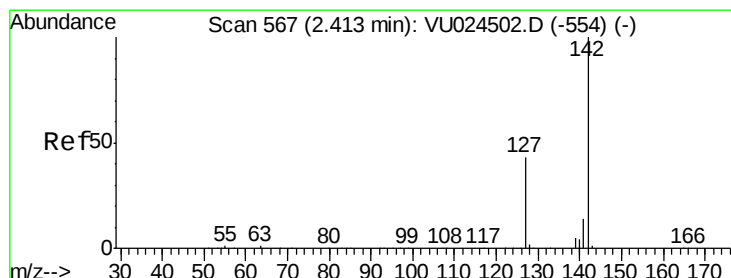
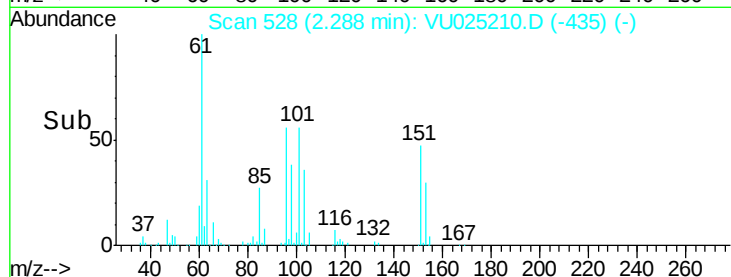
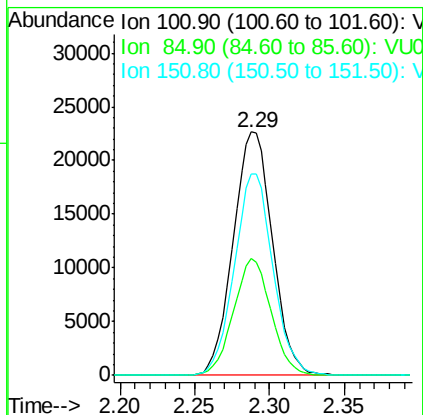
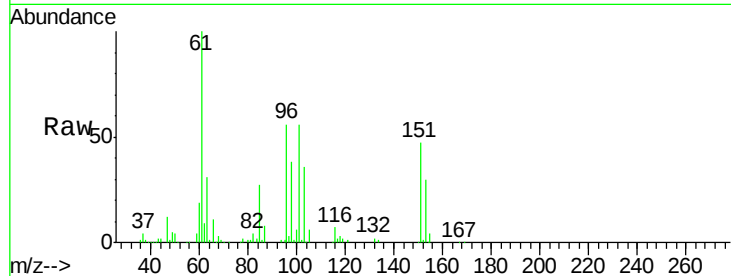
ClientSampleId :

VU0705WBS01

Tot Ion:	101	Resp:	41462
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.0	54.0
151	81.2	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 25.202 ug/l

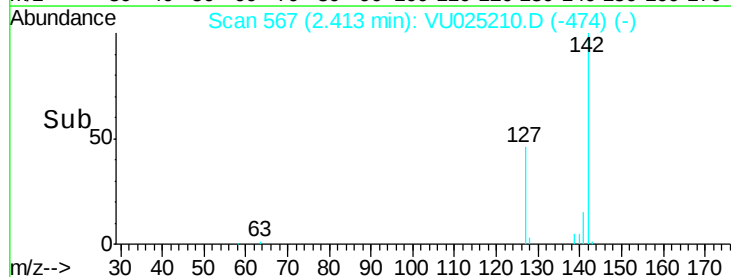
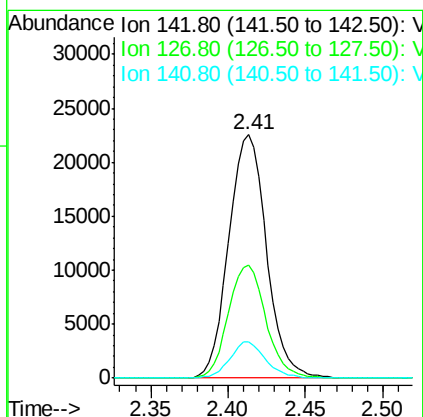
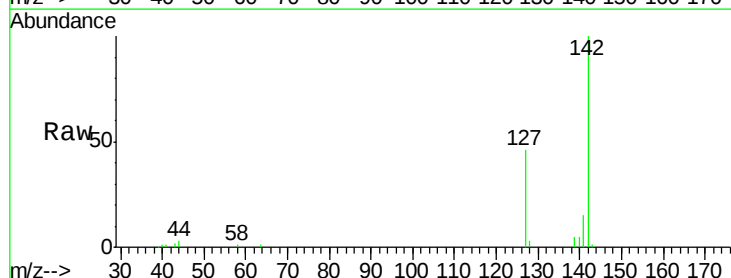
RT: 2.41 min Scan# 567

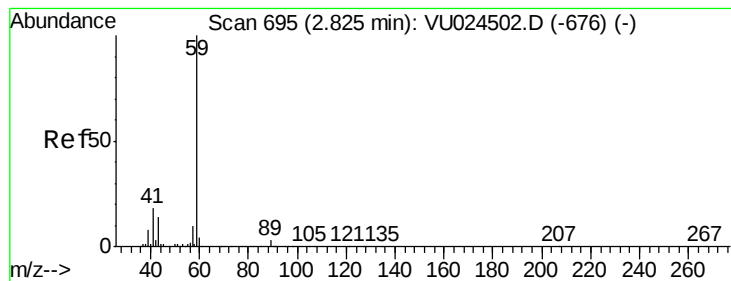
Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Tgt Ion:	142	Resp:	38165
Ion Ratio	Lower	Upper	
142	100		
127	46.1	35.6	53.4
141	13.8	11.7	17.5





#11

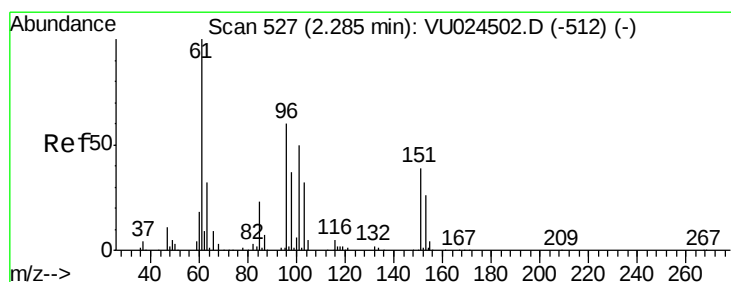
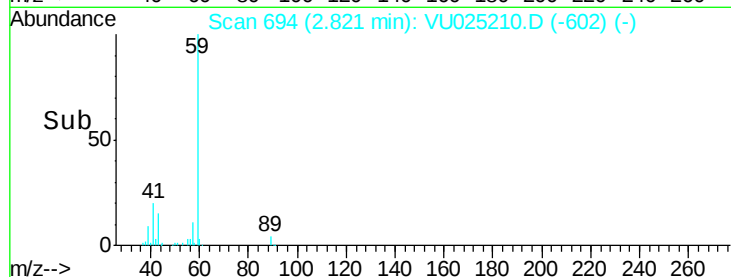
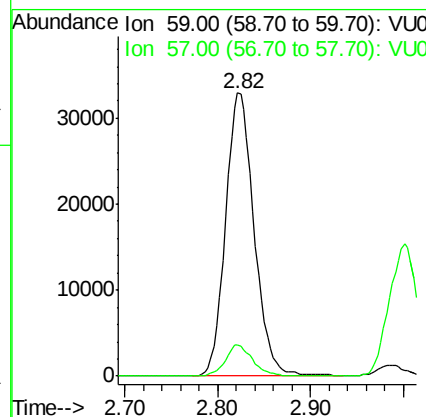
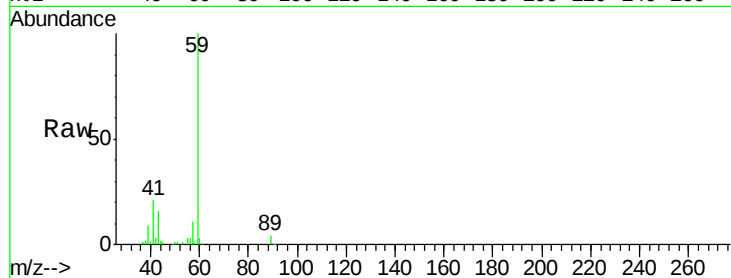
Tert butyl alcohol
 Concen: 108.928 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU025210.D
 Acq: 05 Jul 2018 12:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0705WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.5	12.7

Manual Integrations
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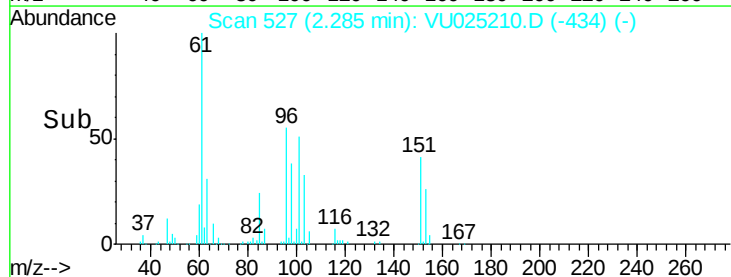
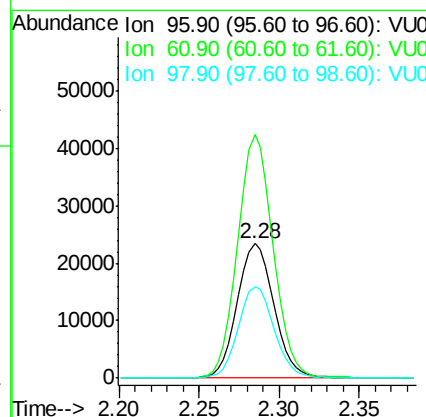
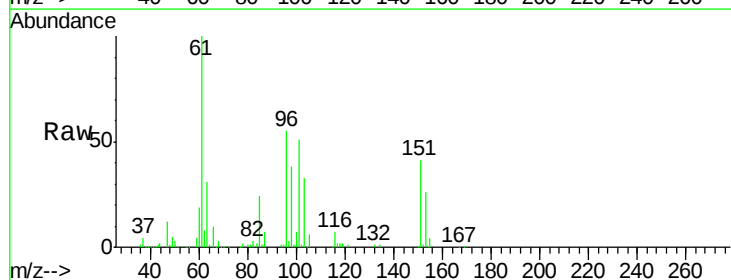
sam
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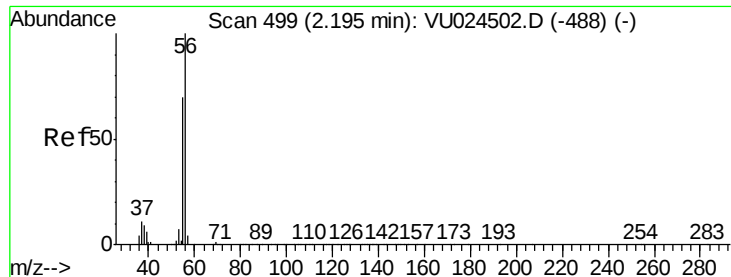


#12

1,1-Dichloroethene
 Concen: 19.858 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU025210.D
 Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	181.4	141.7	212.5
98	68.5	51.6	77.4





#13

Acrolein

Concen: 42.290 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

ClientSampleId :

VU0705WBS01

Tot Ion: 56 Resp: 14301

Ion Ratio Lower Upper

56 100

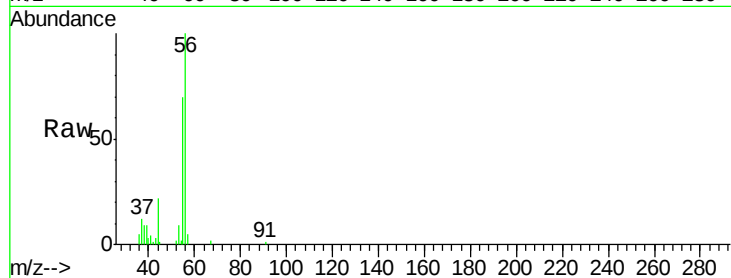
55 66.4 58.4 87.6

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

2.19

10000

8000

6000

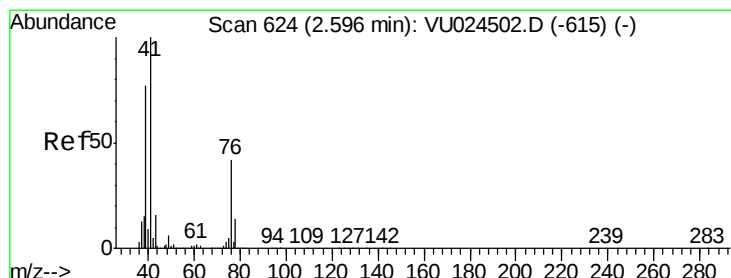
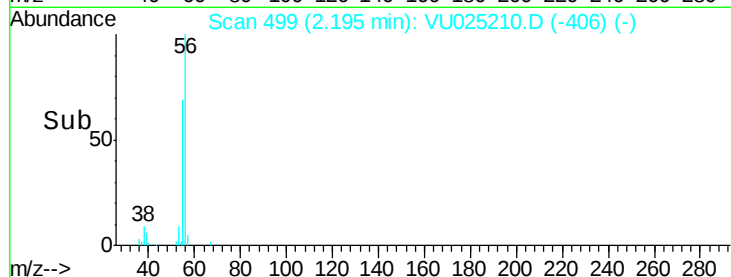
4000

2000

0

Time-->

2.15 2.20 2.25



#14

Allyl chloride

Concen: 19.327 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

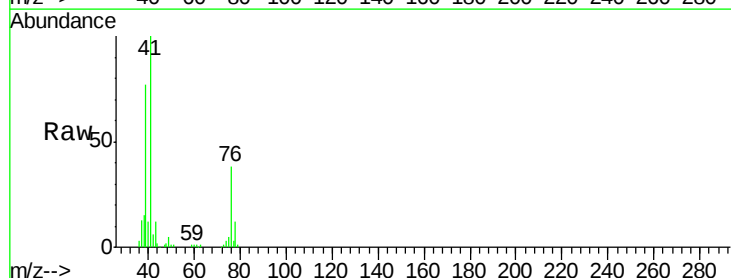
Tgt Ion: 41 Resp: 66272

Ion Ratio Lower Upper

41 100

39 74.8 61.6 92.4

76 35.7 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

2.59

50000

40000

30000

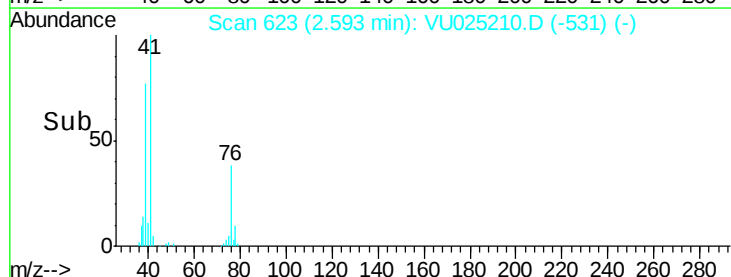
20000

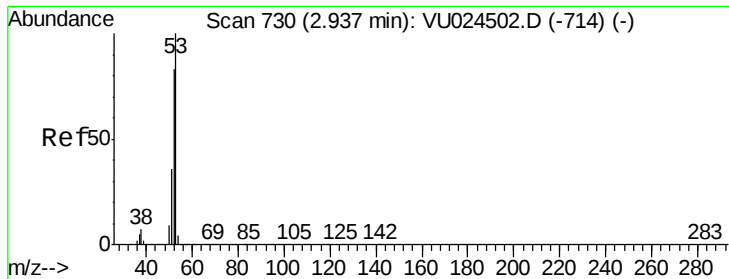
10000

0

Time-->

2.55 2.60 2.65 2.70





#15

Acrylonitrile

Concen: 111.376 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

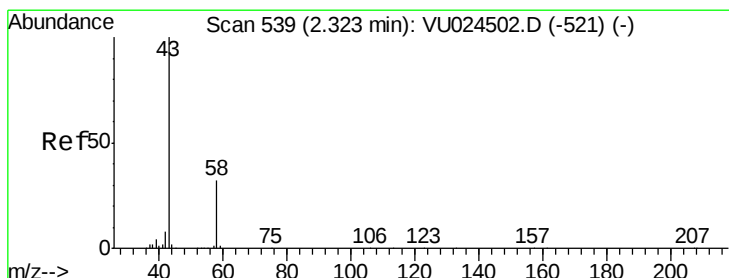
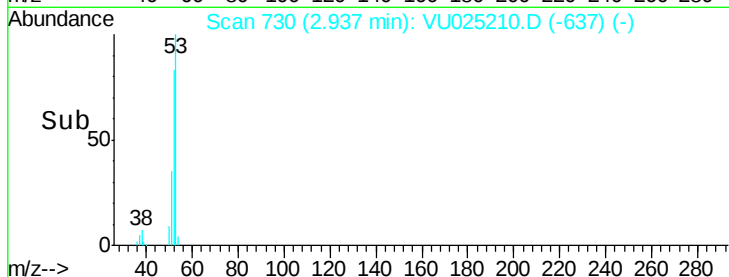
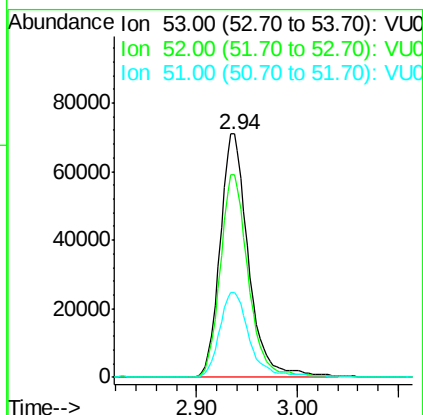
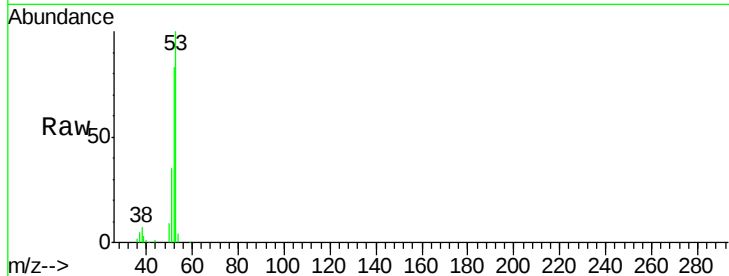
ClientSampleId :

VU0705WBS01

Tot Ion:	53	Resp:	139545
Ion Ratio	Lower	Upper	
53	100		
52	82.2	67.1	100.7
51	36.8	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 101.553 ug/l

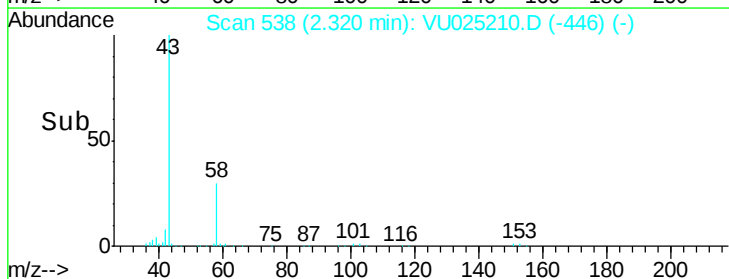
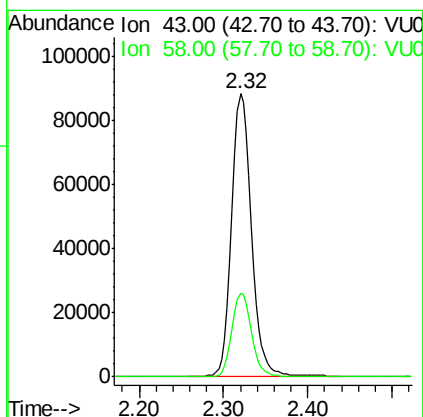
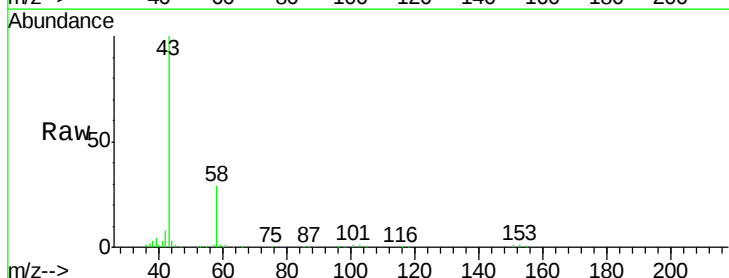
RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Tgt Ion:	43	Resp:	144476
Ion Ratio	Lower	Upper	
43	100		
58	29.5	24.4	36.6





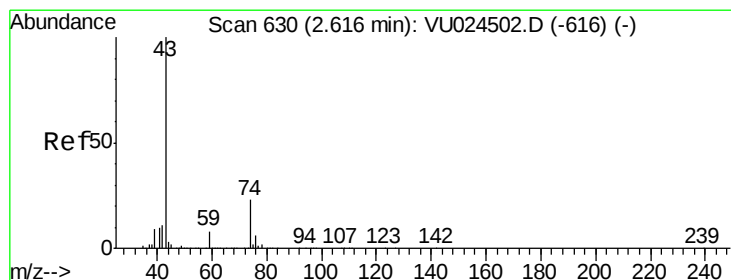
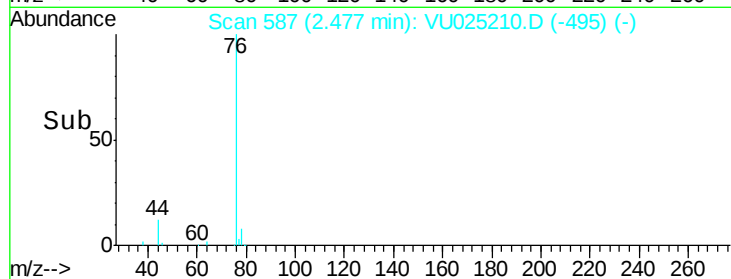
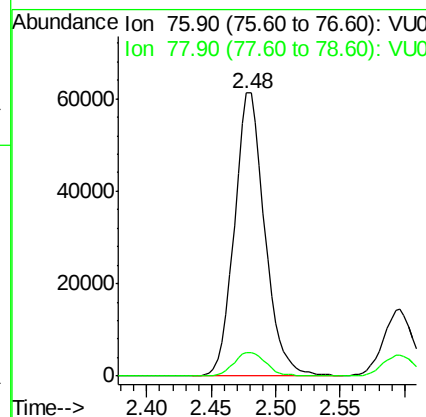
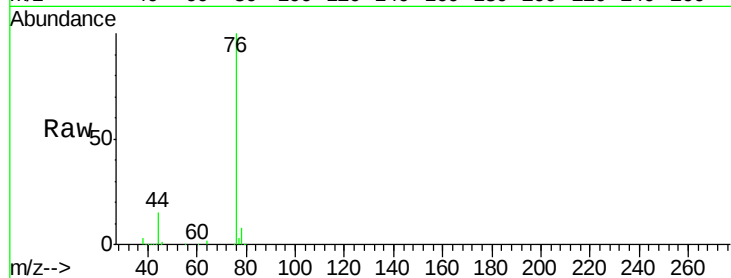
#17
Carbon Disulfide
Concen: 16.957 ug/l
RT: 2.48 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Instrument :
MSVOA_U
ClientSampleId :
VU0705WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.1	10.7

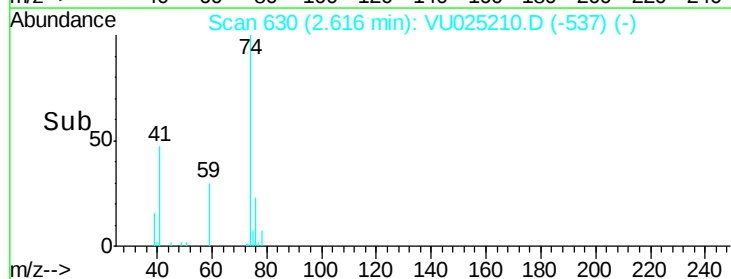
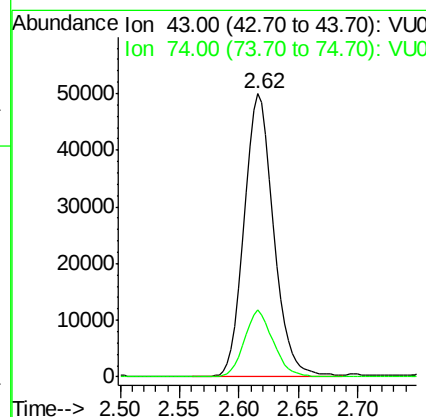
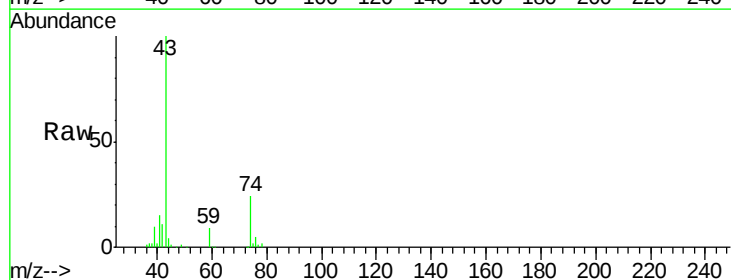
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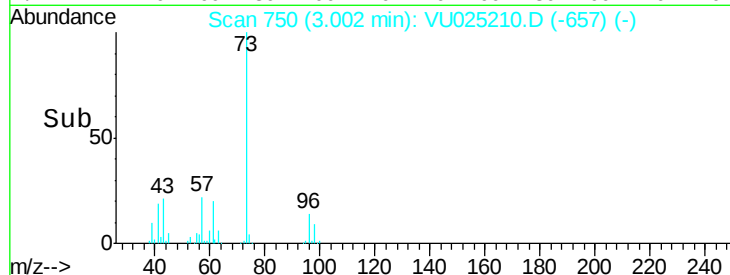
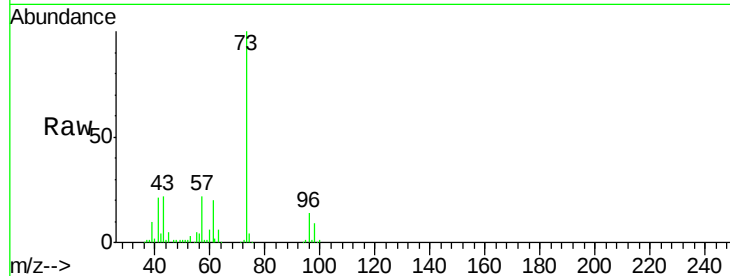
sam
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#18
Methyl Acetate
Concen: 27.944 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.0	27.0





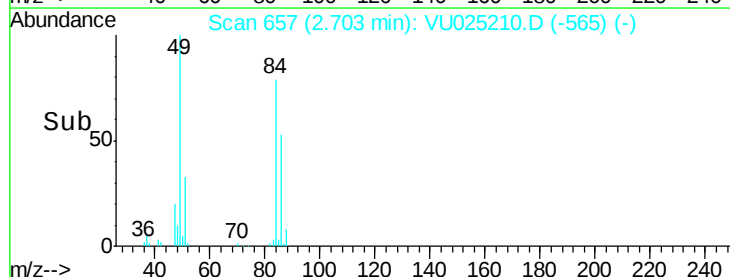
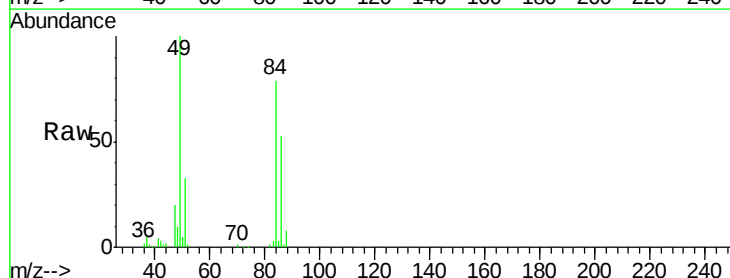
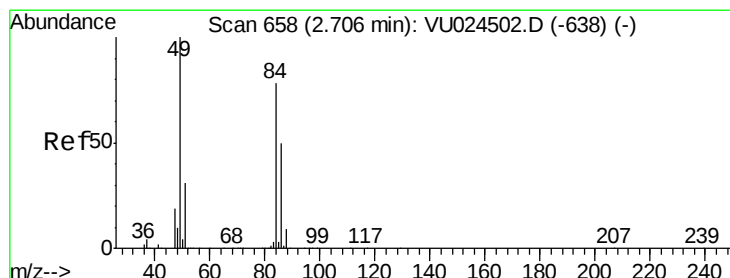
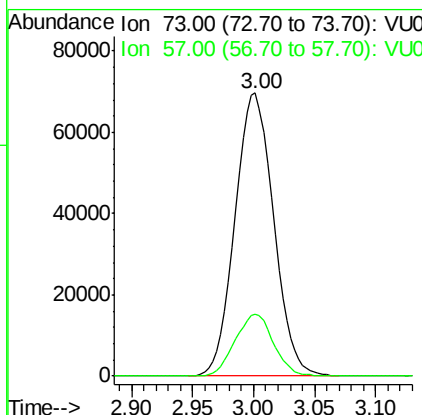
#19
Methyl tert-butyl Ether
Concen: 22.063 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.8	28.2

Instrument :
MSVOA_U
ClientSampleId :
VU0705WBS01

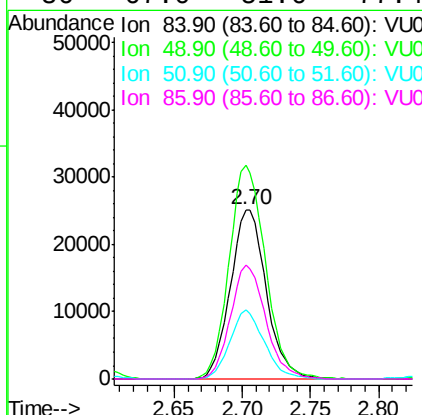
Manual Integrations
APPROVED

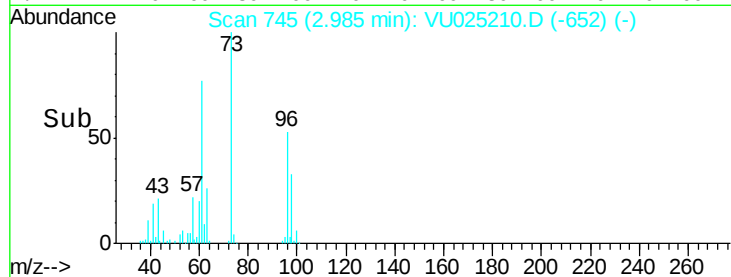
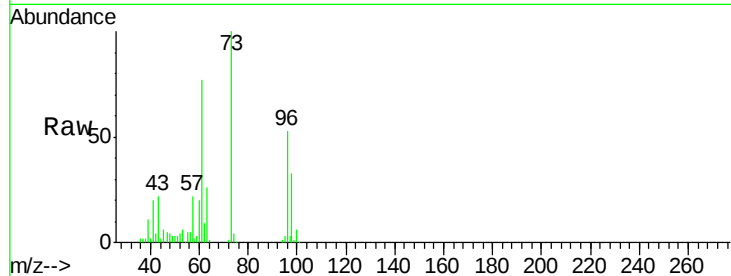
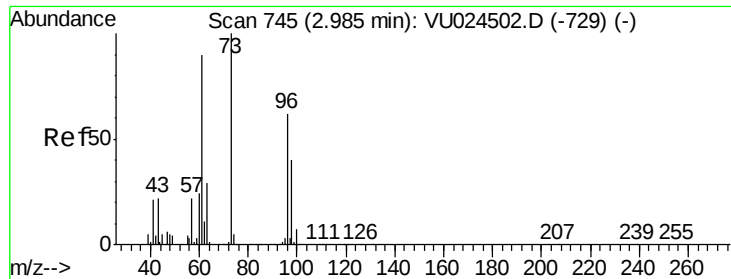
Sam
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#20
Methylene Chloride
Concen: 20.631 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.1	103.8	155.8
51	41.1	32.0	48.0
86	67.0	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 20.540 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025210.D

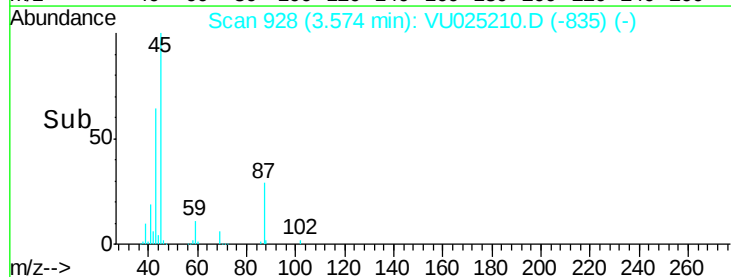
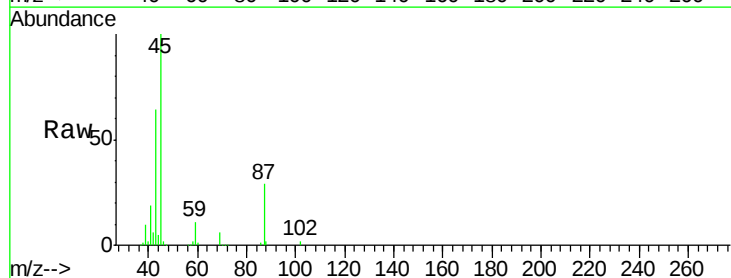
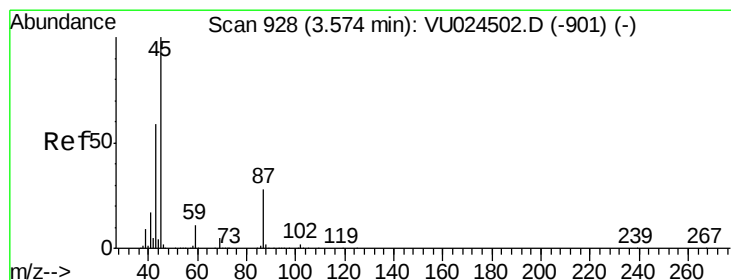
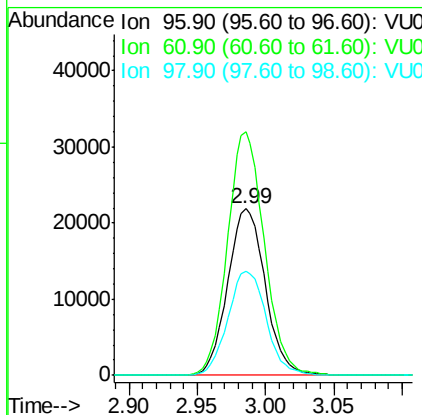
Acq: 05 Jul 2018 12:59

Tot Ion:	96	Resp:	41779
Ion	Ratio	Lower	Upper
96	100		
61	146.5	119.4	179.0
98	62.5	51.1	76.7

Instrument :
MSVOA_U
ClientSampleId :
VU0705WBS01

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.869 ug/l

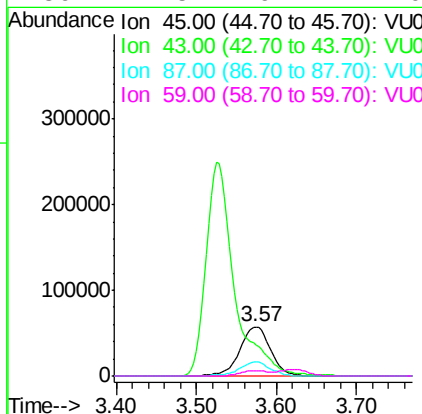
RT: 3.57 min Scan# 928

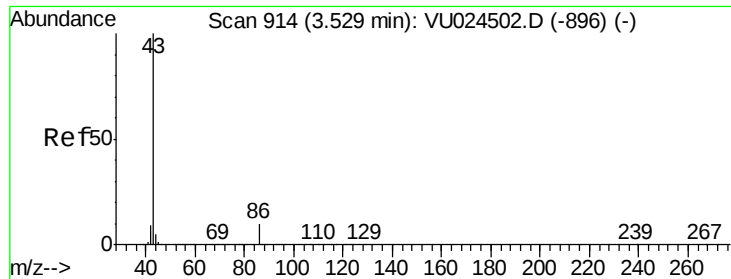
Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Tgt Ion:	45	Resp:	148655
Ion	Ratio	Lower	Upper
45	100		
43	62.9	45.8	68.6
87	29.2	20.6	31.0
59	11.5	9.4	14.0





#23

Vinyl Acetate

Concen: 100.909 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

ClientSampleId :

VU0705WBS01

Tot Ion: 43 Resp: 614445

Ion Ratio Lower Upper

43 100

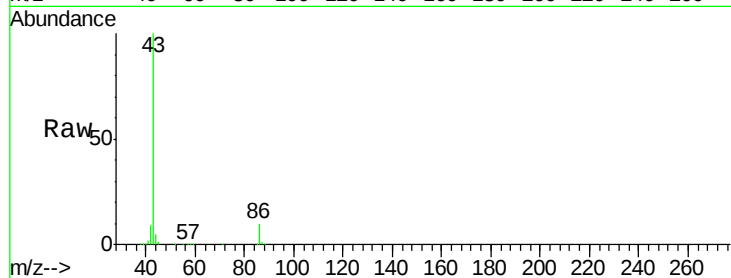
86 10.4 7.8 11.8

Manual Integrations

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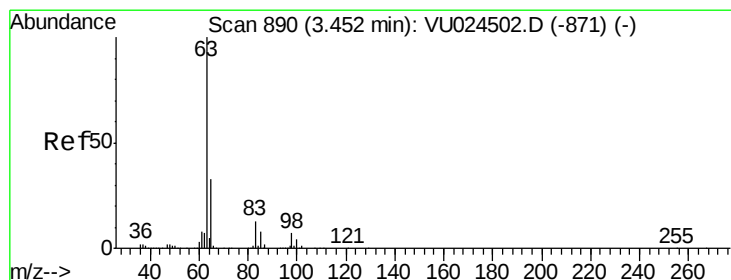
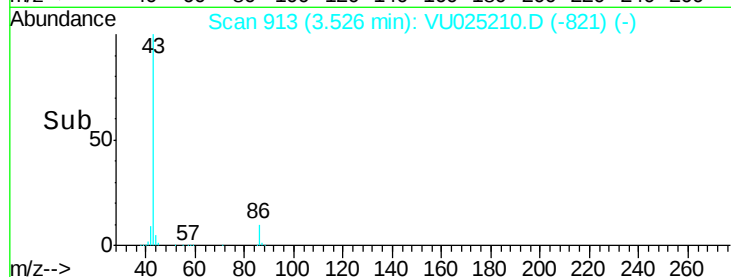
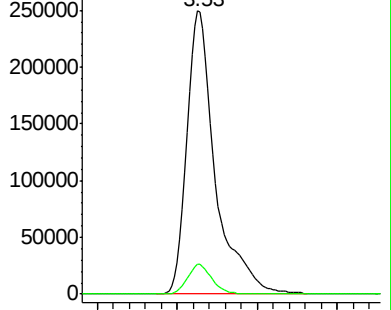
sam

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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: 21.408 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

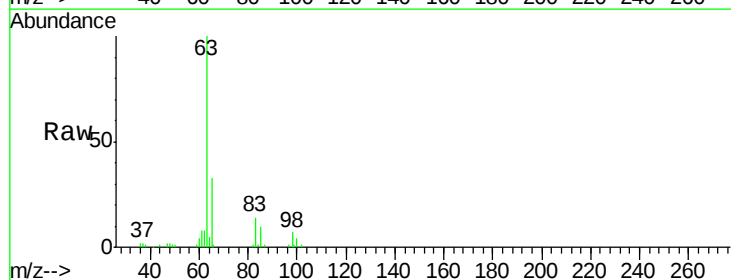
Tgt Ion: 63 Resp: 83713

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

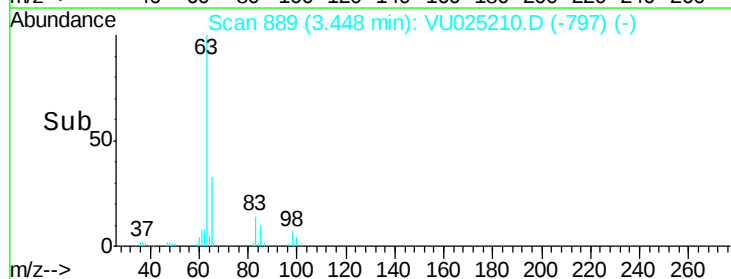
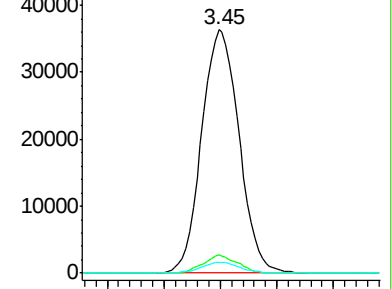
100 4.4 1.8 5.5



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: 107.624 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

ClientSampleId :

VU0705WBS01

Tot Ion: 43 Resp: 205665

Ion Ratio Lower Upper

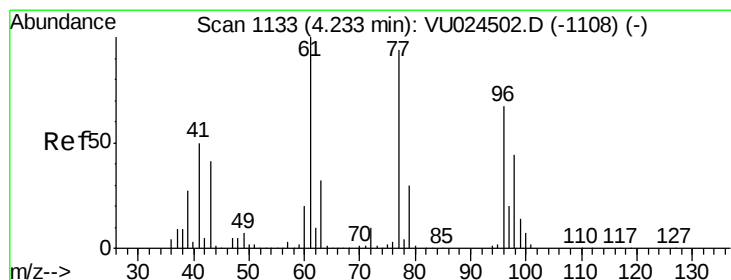
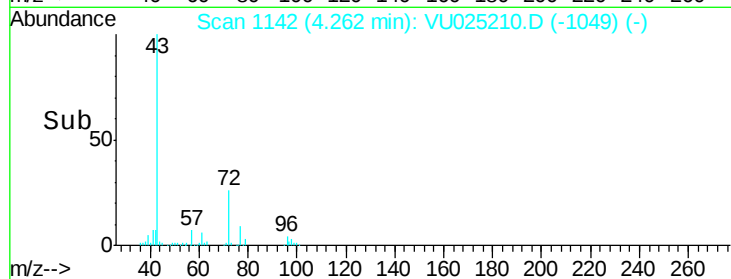
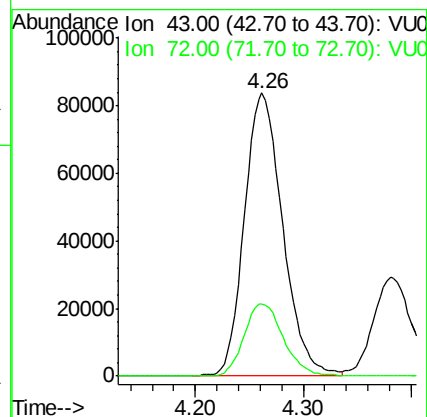
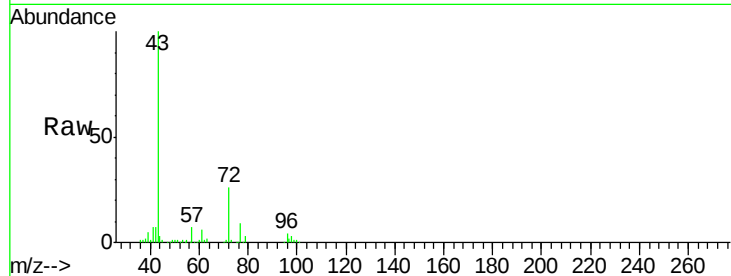
43 100

72 25.8 19.6 29.4

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 20.485 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025210.D

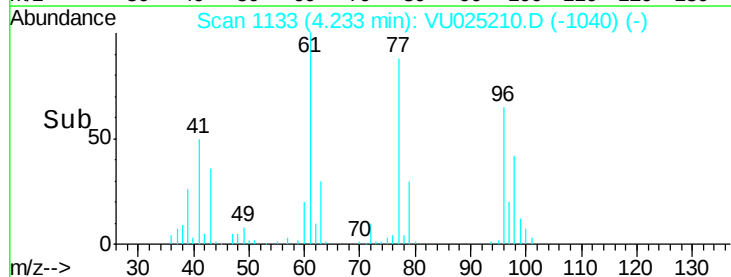
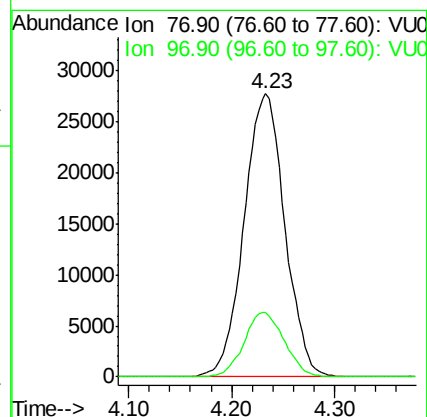
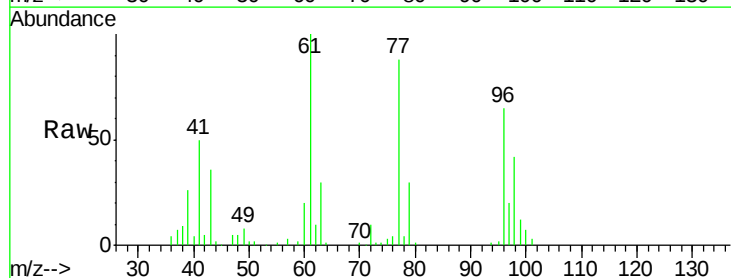
Acq: 05 Jul 2018 12:59

Tgt Ion: 77 Resp: 76062

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 21.586 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

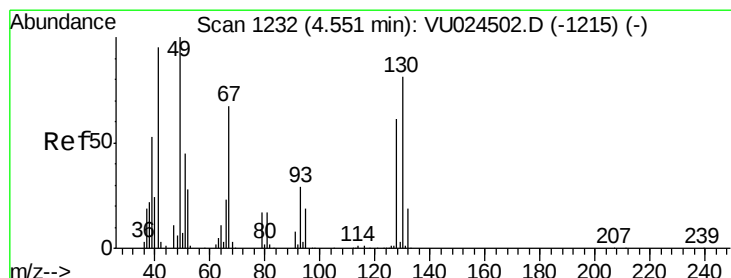
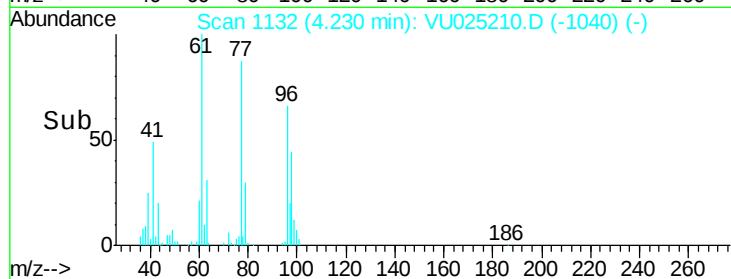
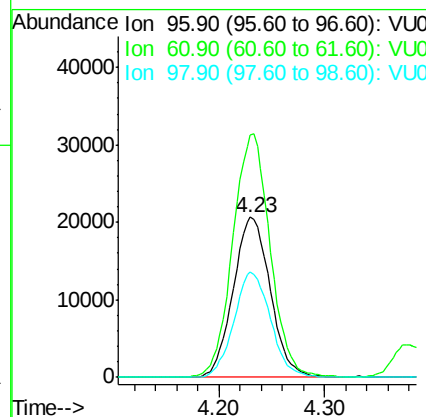
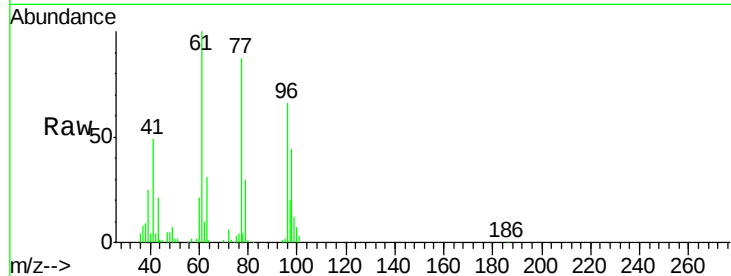
ClientSampleId :

VU0705WBS01

Tot Ion:	96	Resp:	50477
Ion	Ratio	Lower	Upper
96	100		
61	153.0	0.0	306.6
98	64.7	0.0	128.8

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#28

Bromochloromethane

Concen: 21.413 ug/l

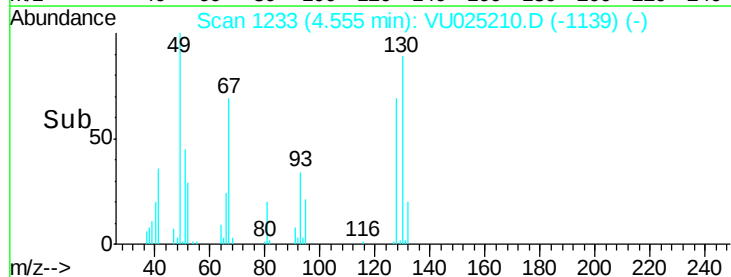
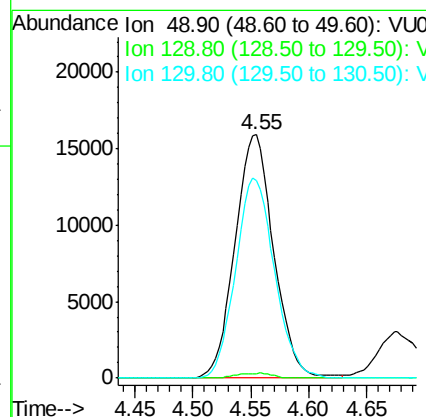
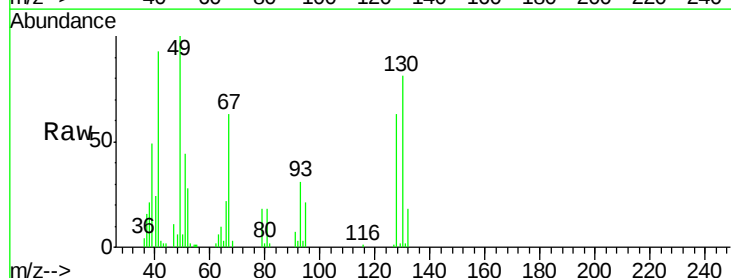
RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Tgt Ion:	49	Resp:	36882
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	82.6	57.8	86.6





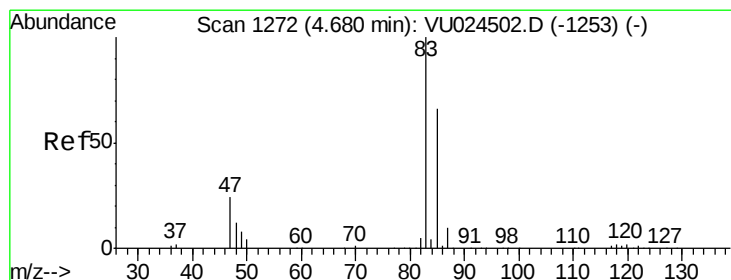
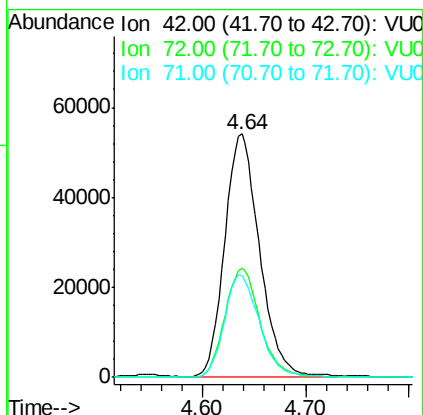
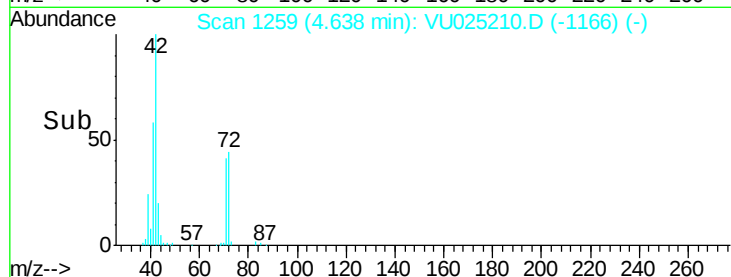
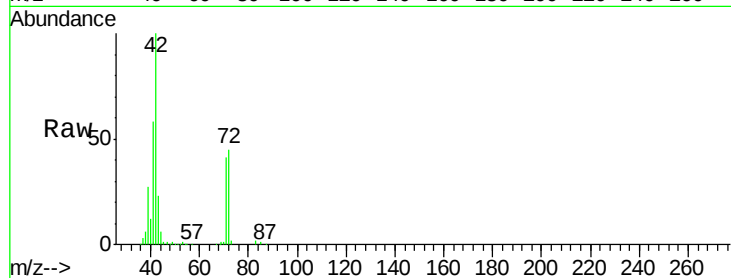
#29
Tetrahydrofuran
Concen: 108.212 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Instrument :
MSVOA_U
ClientSampleId :
VU0705WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	34.5	51.7
71	41.8	32.2	48.4

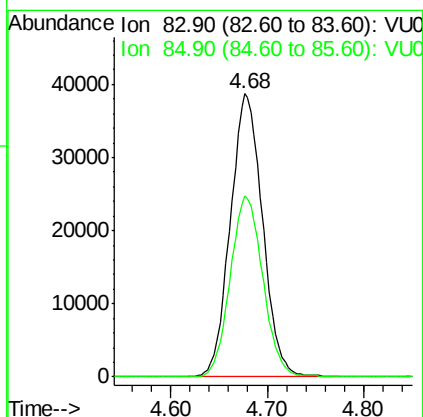
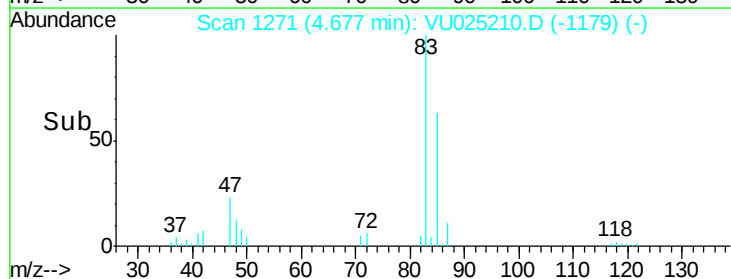
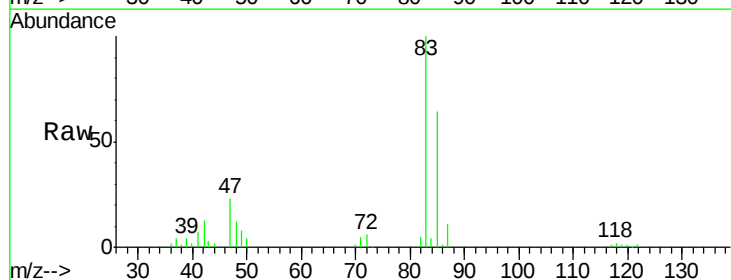
Manual Integrations
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#30
Chloroform
Concen: 22.637 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.4	78.6





#31

Cyclohexane

Concen: 20.430 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. -0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

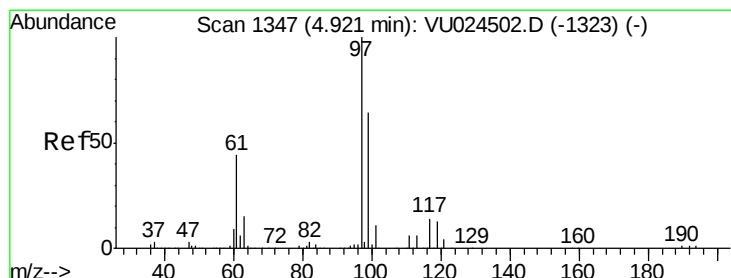
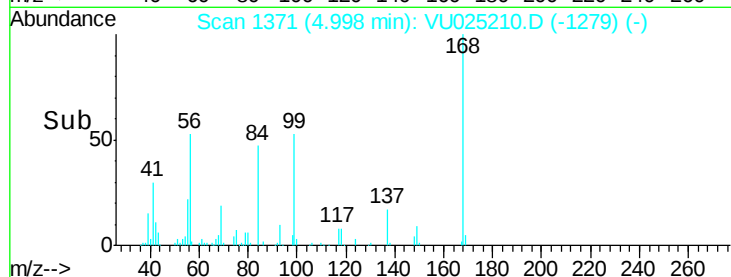
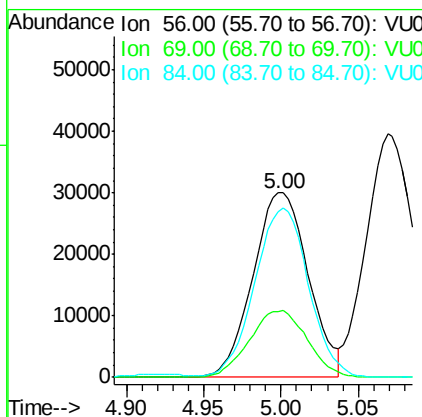
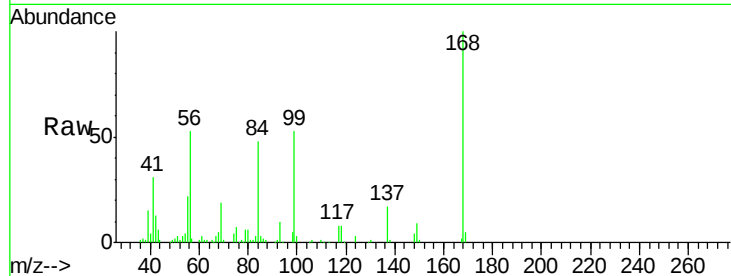
ClientSampleId :

VU0705WBS01

Tot Ion:	56	Resp:	74998
Ion Ratio	Lower	Upper	
56	100		
69	35.9	24.8	37.2
84	88.8	65.2	97.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.916 ug/l

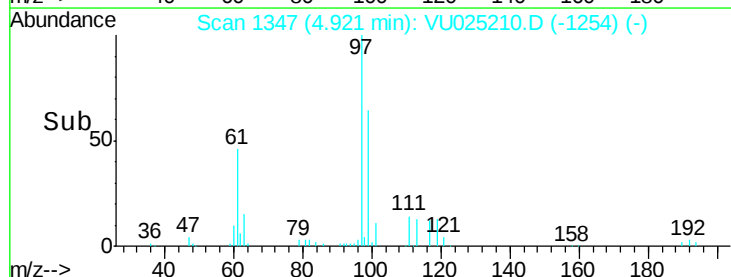
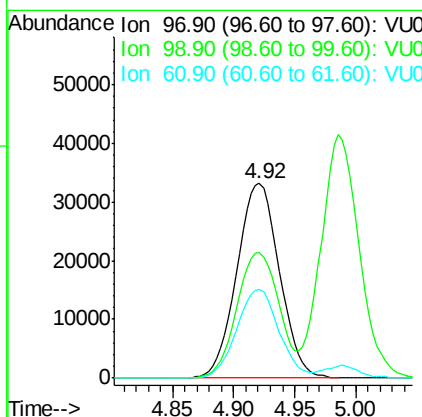
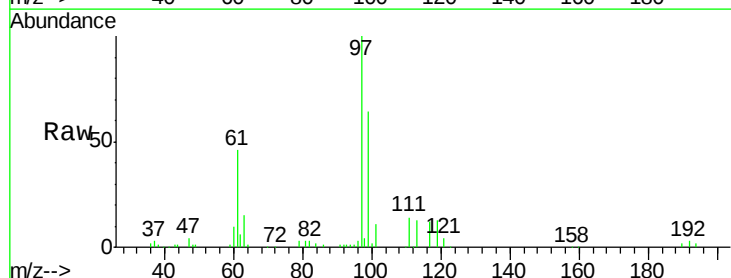
RT: 4.92 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Tgt Ion:	97	Resp:	80212
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.0	76.6
61	45.0	39.4	59.0





#33

1,2-Dichloroethane-d4

Concen: 49.958 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

ClientSampleId :

VU0705WBS01

Tot Ion: 65 Resp: 132280

Ion Ratio Lower Upper

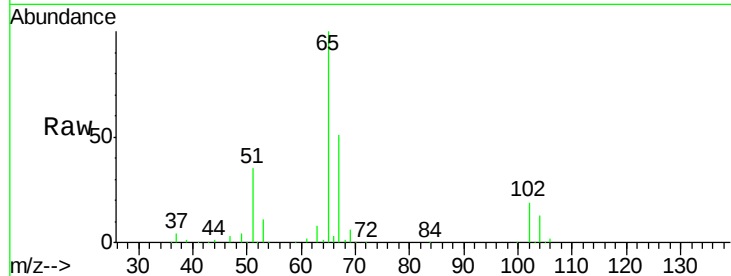
65 100

67 51.9 0.0 107.0

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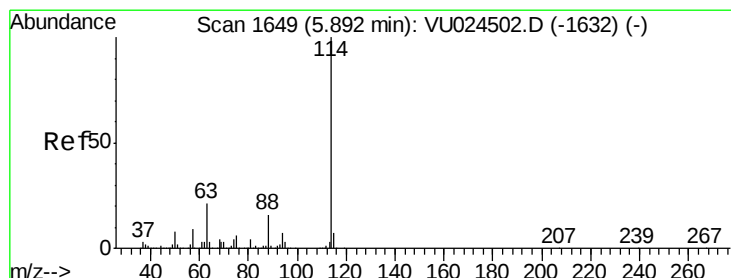
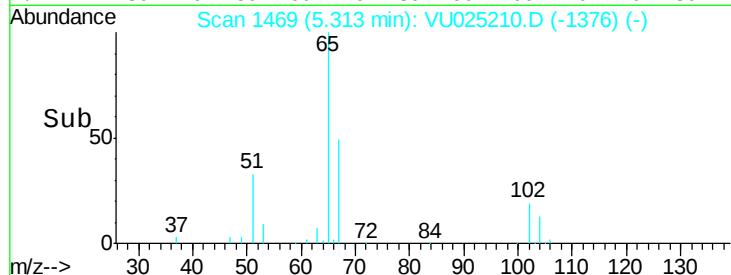
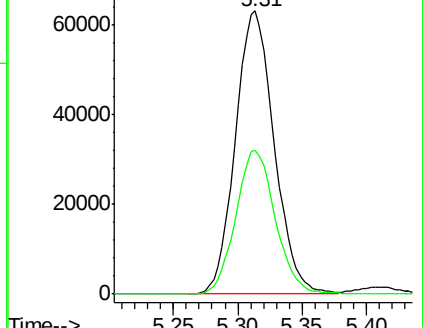
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Abundance Ion 64.90 (64.60 to 65.60): VU025210.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU025210.D (-1376) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

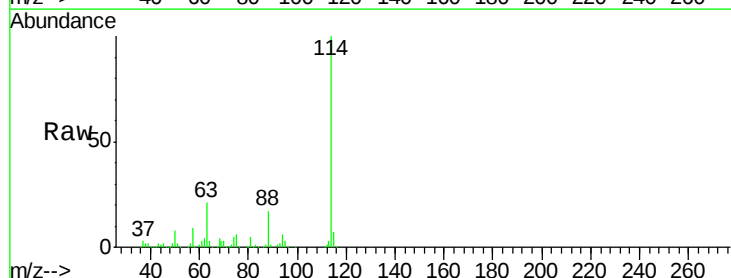
Tgt Ion: 114 Resp: 246261

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.4

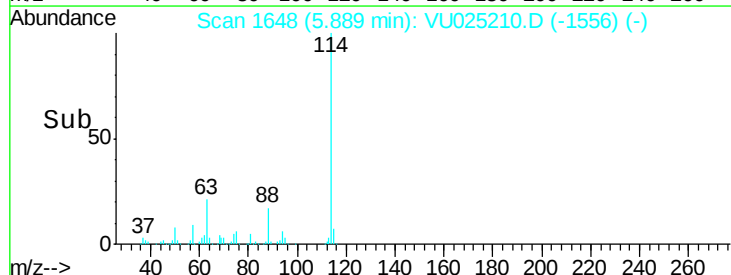
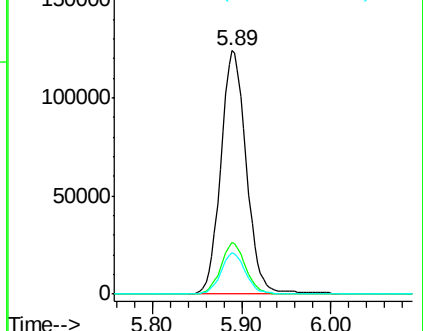
88 16.8 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VU025210.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU025210.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU025210.D (-1556) (-)





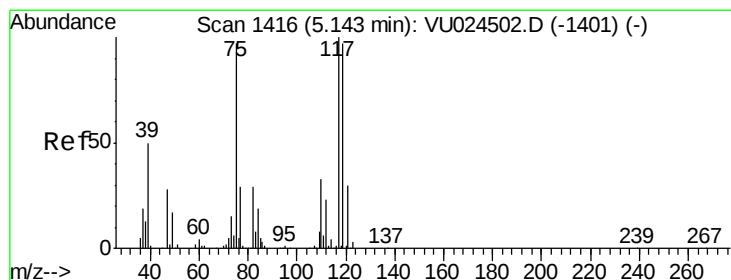
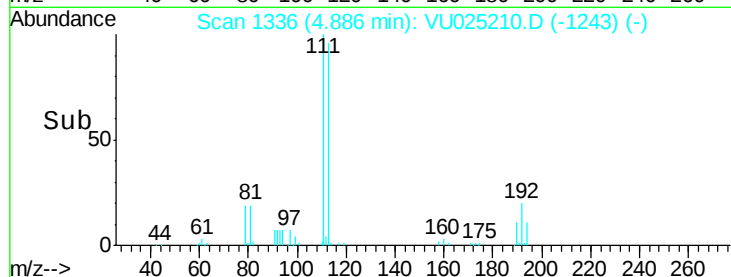
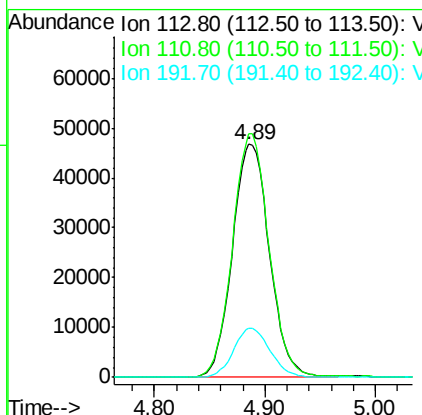
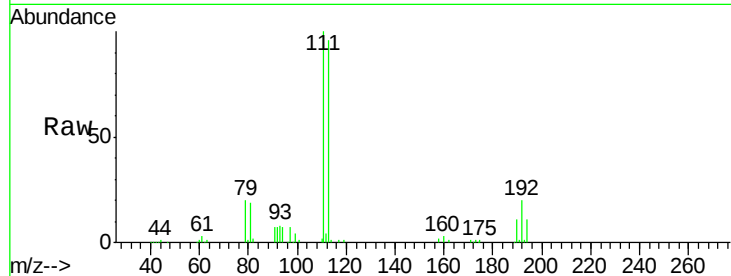
#35
 Dibromofluoromethane
 Concen: 53.305 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025210.D
 Acq: 05 Jul 2018 12:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0705WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.6	82.2	123.4	
192	20.7	16.2	24.4	

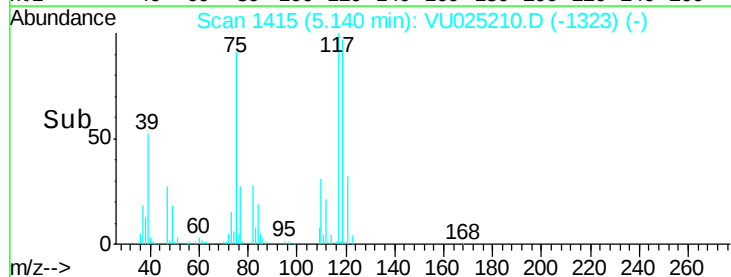
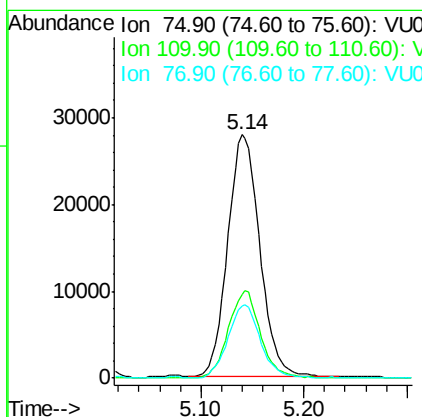
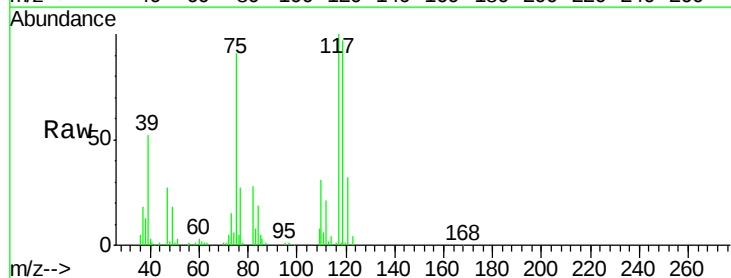
Manual Integrations
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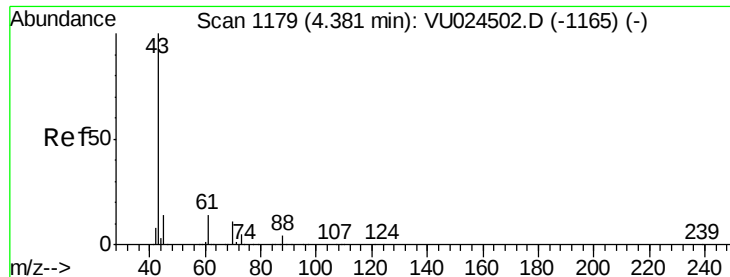
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#36
 1,1-Dichloropropene
 Concen: 20.974 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025210.D
 Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.9	17.0	50.9	
77	30.5	24.2	36.4	





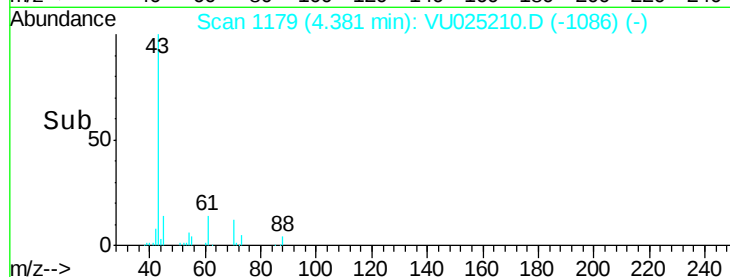
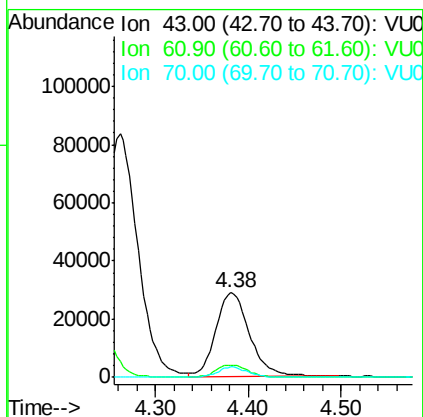
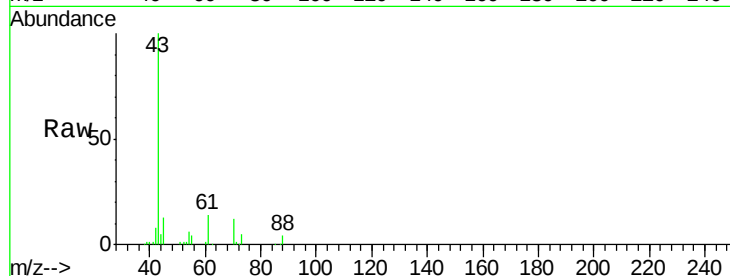
#37
Ethyl Acetate
Concen: 23.217 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Instrument :
MSVOA_U
ClientSampleId :
VU0705WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.5	15.7
70	10.9	7.4	11.2

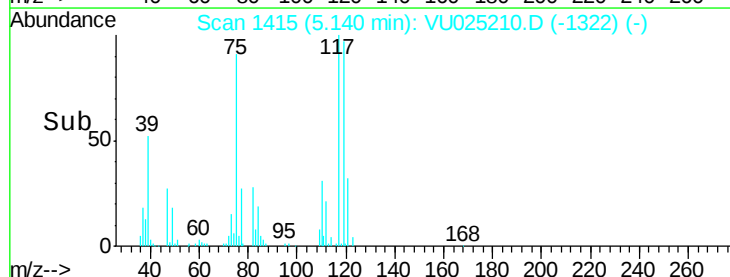
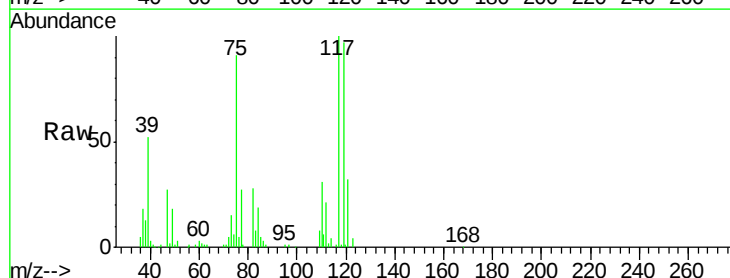
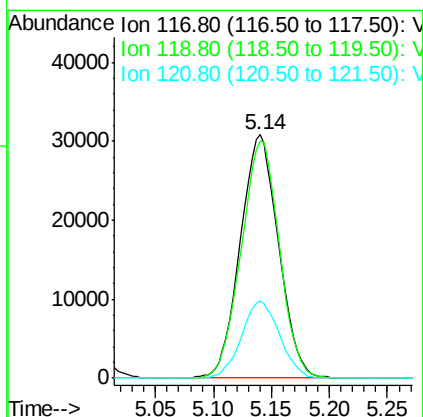
Manual Integrations
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sam
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#38
Carbon Tetrachloride
Concen: 22.226 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.1	114.1
121	31.6	23.7	35.5





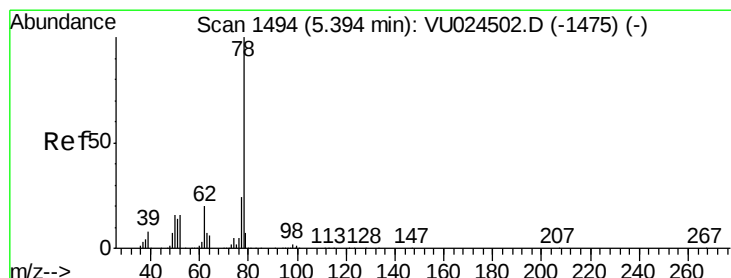
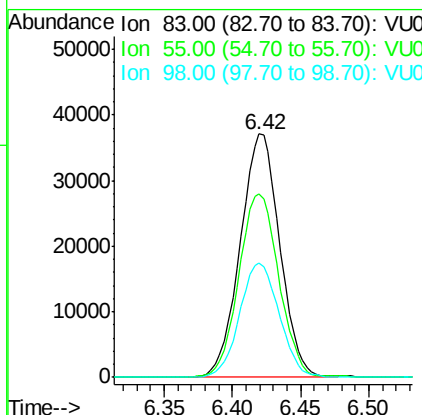
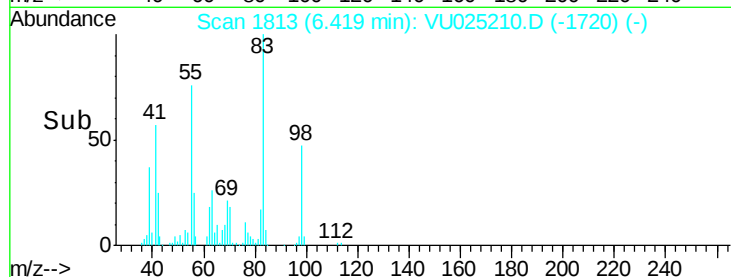
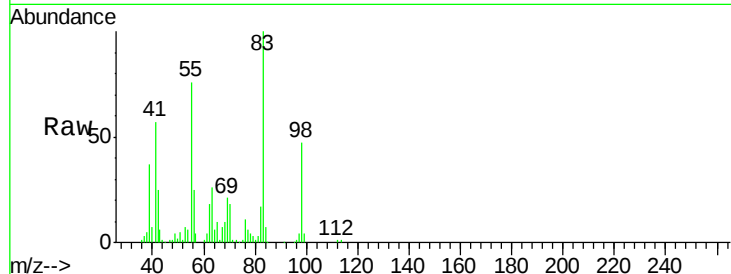
#39
Methvlcvclohexane
Concen: 20.674 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Instrument :
MSVOA_U
ClientSampleId :
VU0705WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	65.8	98.6
98	47.1	36.7	55.1

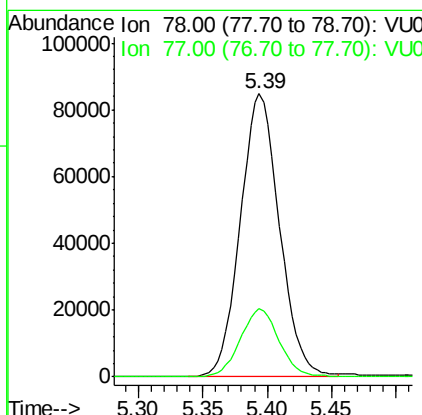
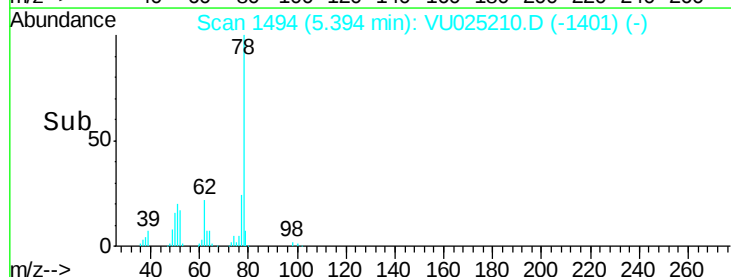
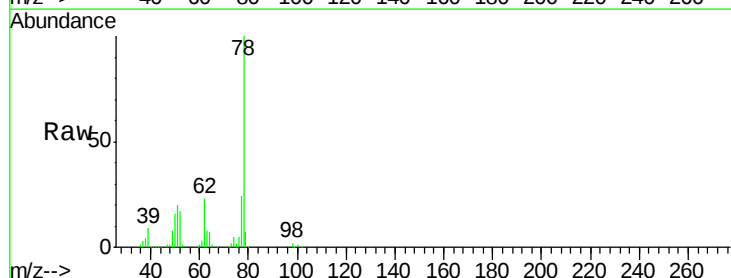
Manual Integrations
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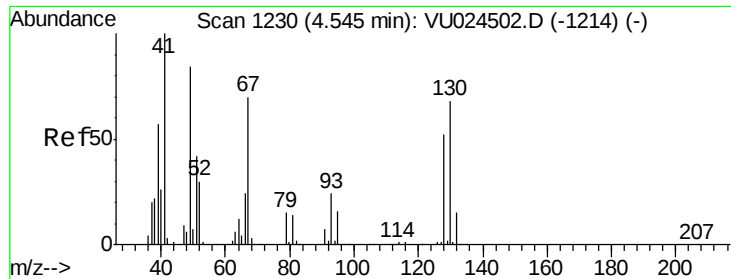
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#40
Benzene
Concen: 21.754 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8





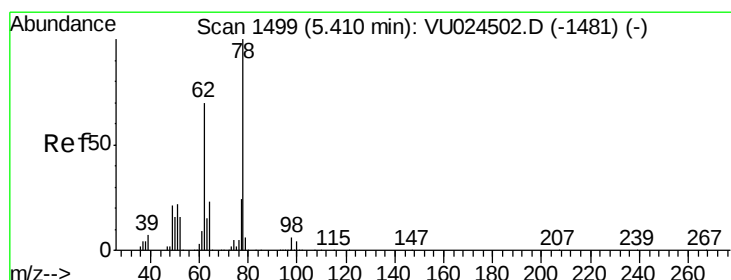
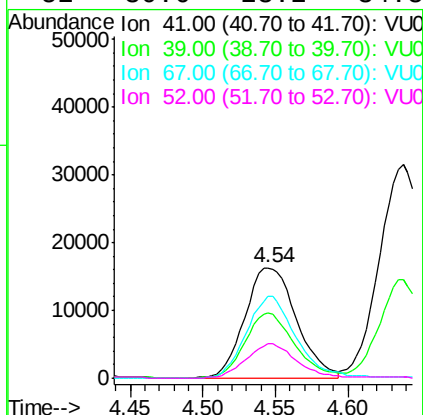
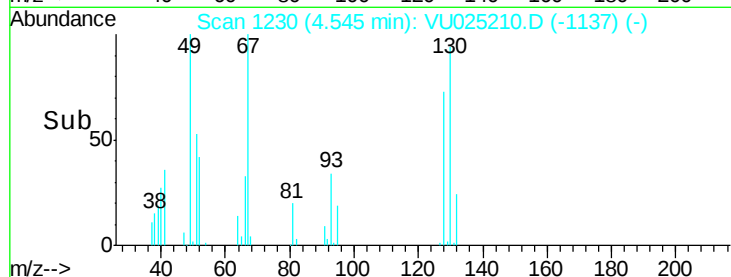
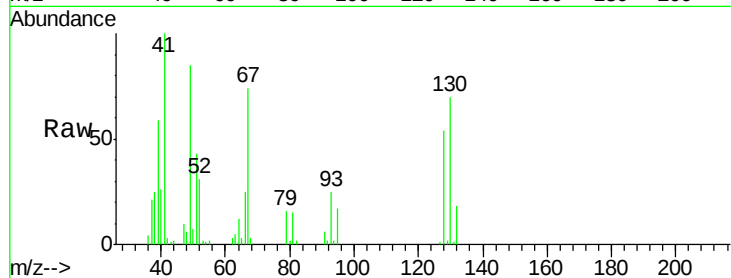
#41
Methacrylonitrile
Concen: 23.775 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Instrument :
MSVOA_U
ClientSampleId :
VU0705WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.2	43.8	65.6
67	71.9	56.3	84.5
52	30.6	23.2	34.8

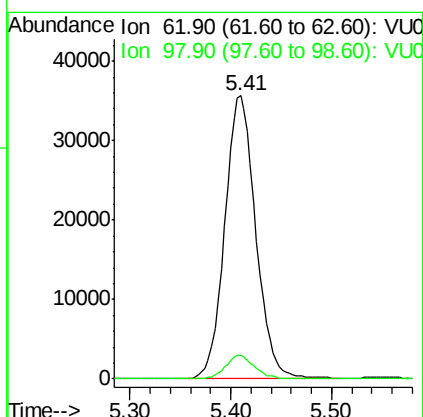
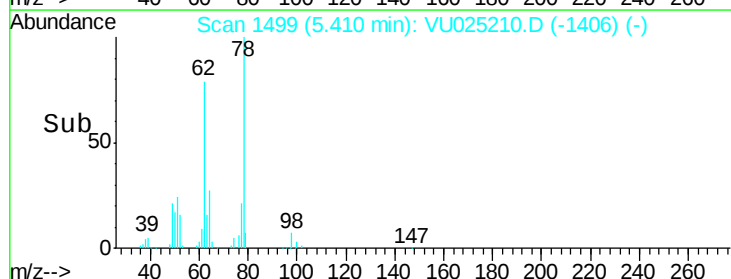
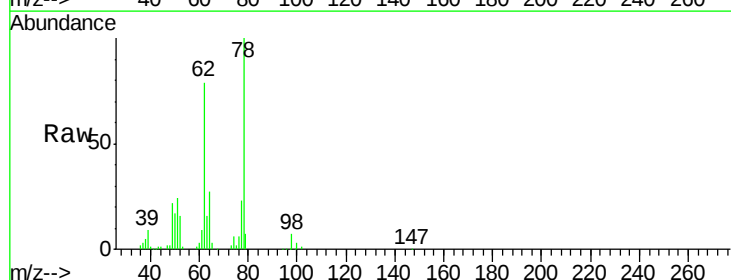
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#42
1,2-Dichloroethane
Concen: 24.291 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	16.6





#43

Isopropyl Acetate

Concen: 21.790 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

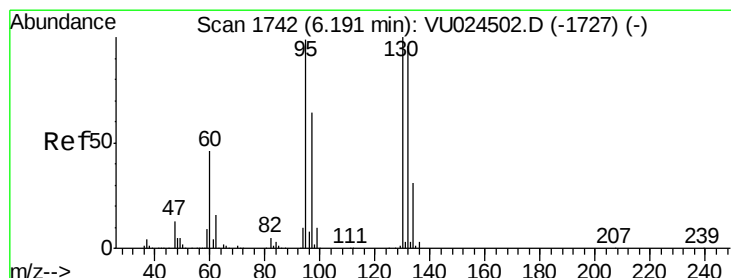
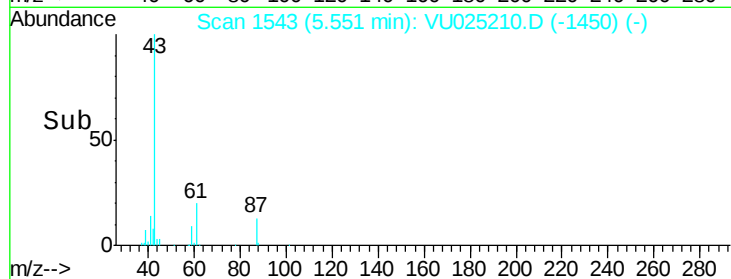
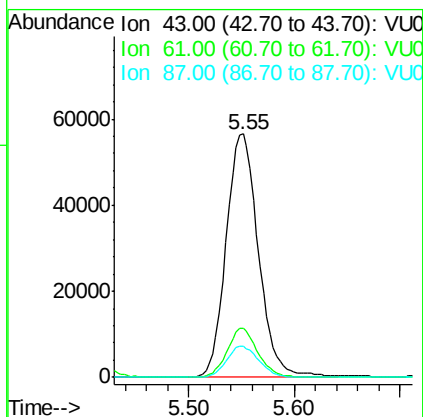
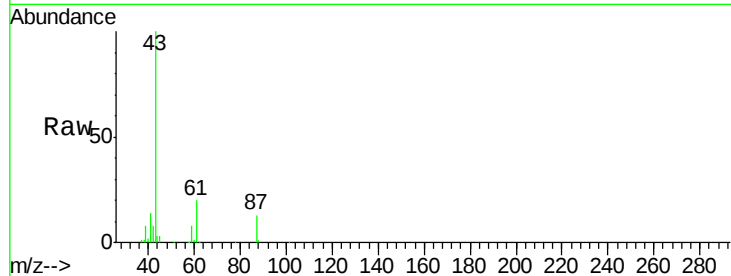
ClientSampleId :

VU0705WBS01

Tot Ion:	43	Resp:	118797
Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.4	23.0
87	12.8	10.0	15.0

Manual Integrations
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#44

Trichloroethene

Concen: 20.779 ug/l

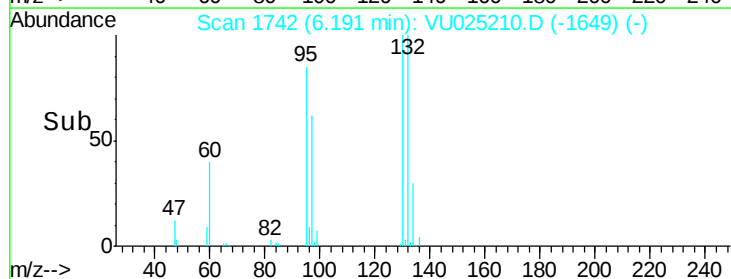
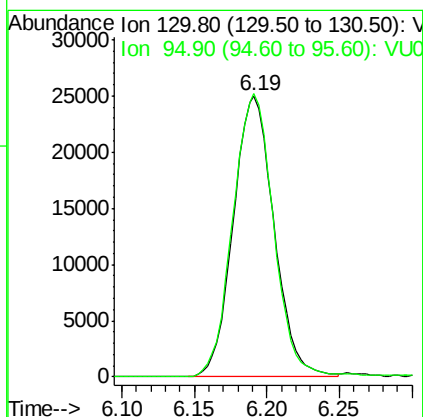
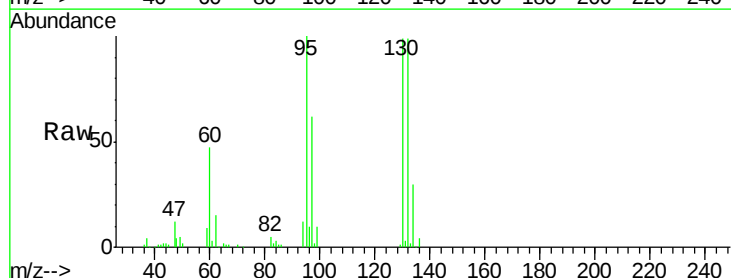
RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Tgt Ion:	130	Resp:	48762
Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	202.4





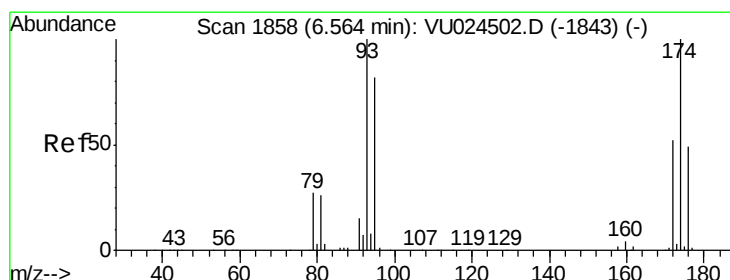
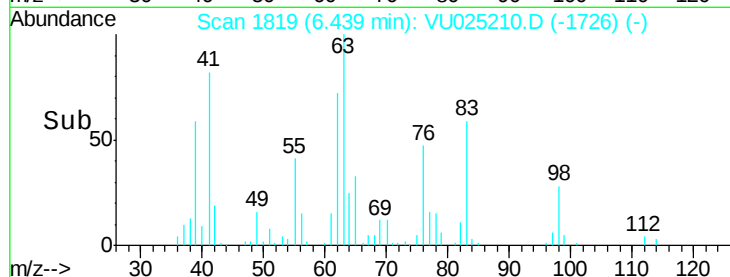
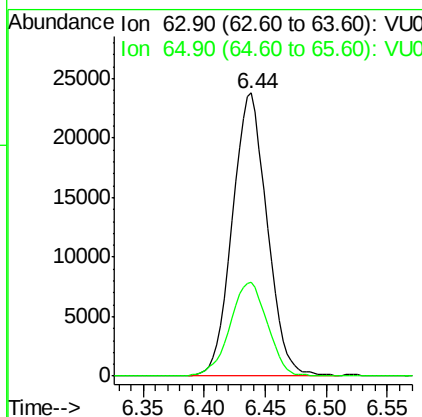
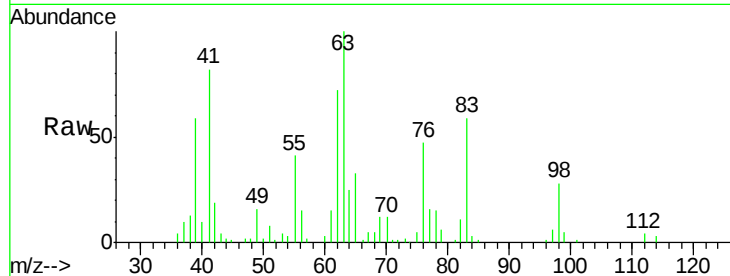
#45
 1,2-Dichloropropane
 Concen: 21.359 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU025210.D
 Acq: 05 Jul 2018 12:59

Instrument :
 MSVOA_U
 ClientSampled :
 VU0705WBS01

Tot Ion: 63 Resp: 46993
 Ion Ratio Lower Upper
 63 100
 65 33.0 24.8 37.2

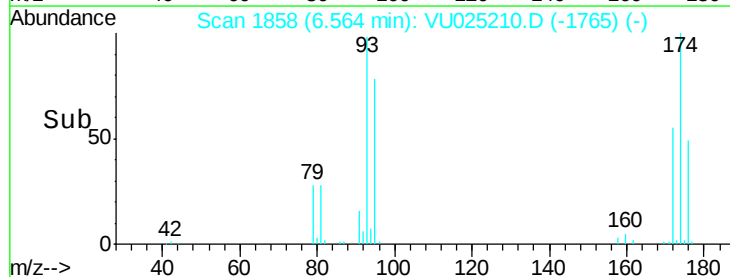
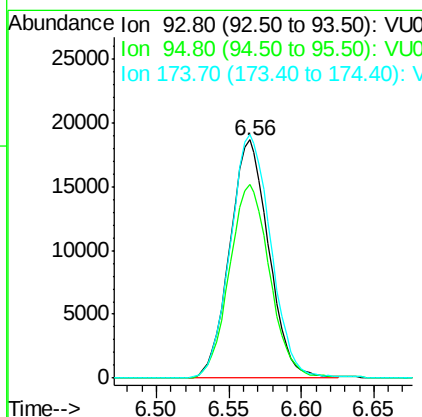
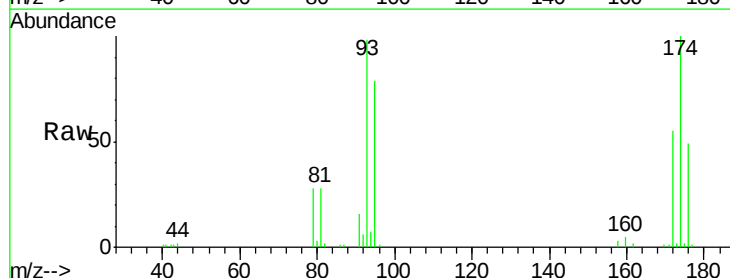
Manual Integrations
 APPROVED

sam
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#46
 Dibromomethane
 Concen: 22.588 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU025210.D
 Acq: 05 Jul 2018 12:59

Tgt Ion: 93 Resp: 34907
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.5 98.3
 174 106.3 78.7 118.1





#47

Bromodichloromethane

Concen: 21.668 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

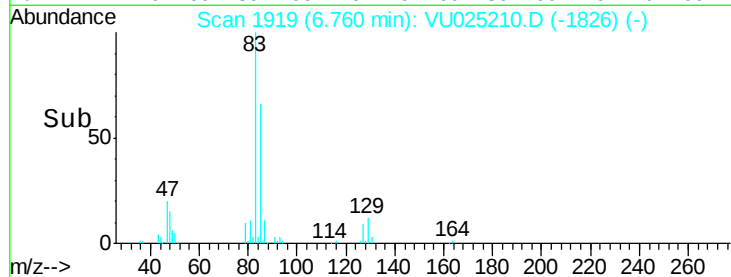
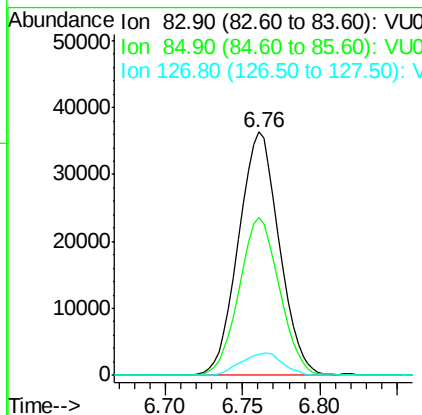
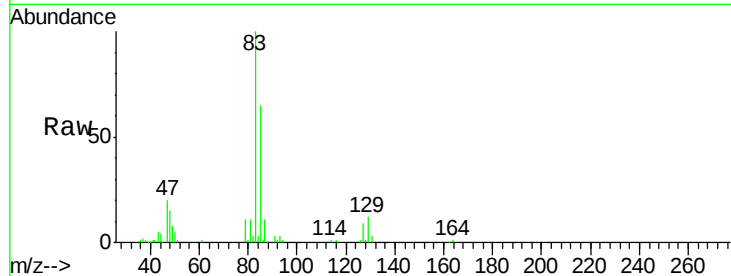
ClientSampleId :

VU0705WBS01

Tot Ion:	83	Resp:	66679
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.9	77.9
127	8.8	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.658 ug/l

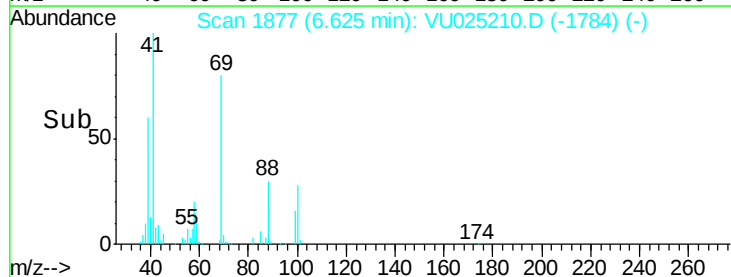
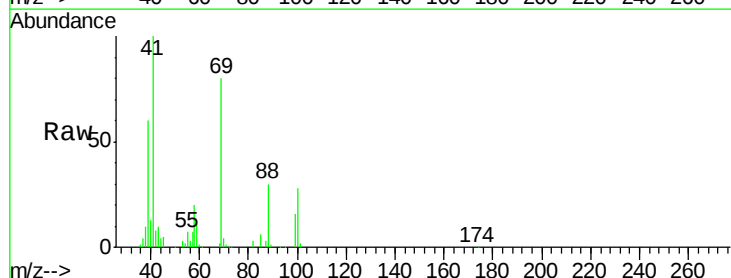
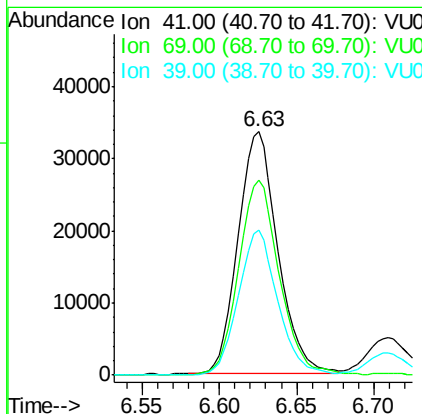
RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Tgt Ion:	41	Resp:	60151
Ion	Ratio	Lower	Upper
41	100		
69	82.3	67.3	100.9
39	58.9	46.5	69.7





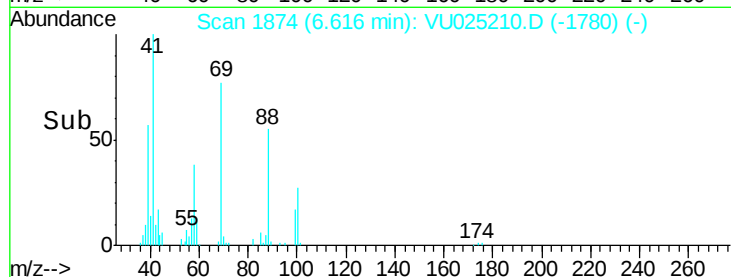
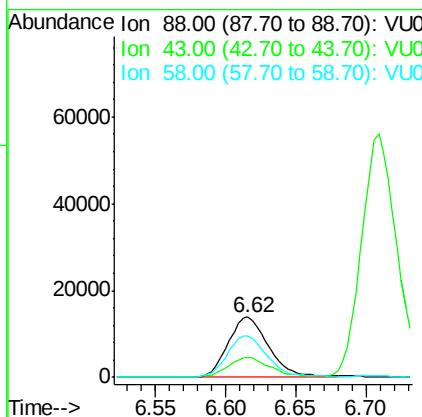
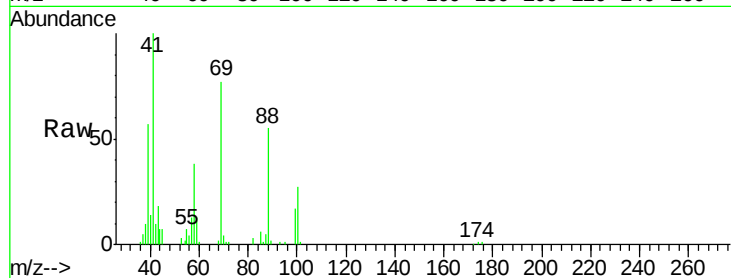
#49
1,4-Dioxane
Concen: 540.314 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Instrument :
MSVOA_U
ClientSampleId :
VU0705WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	28.6	42.8
58	69.3	58.2	87.4

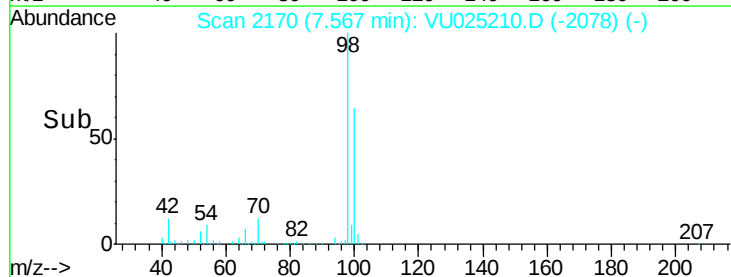
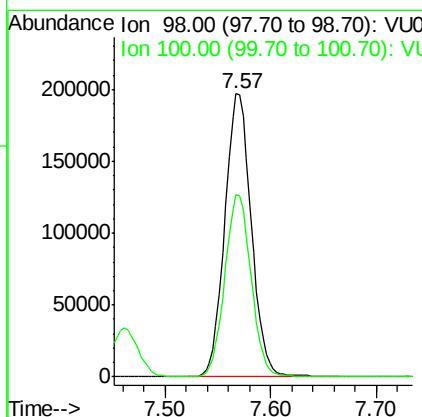
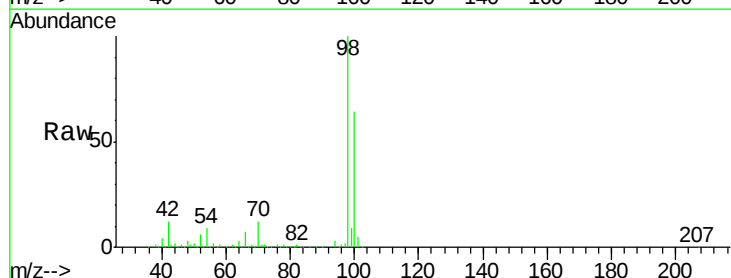
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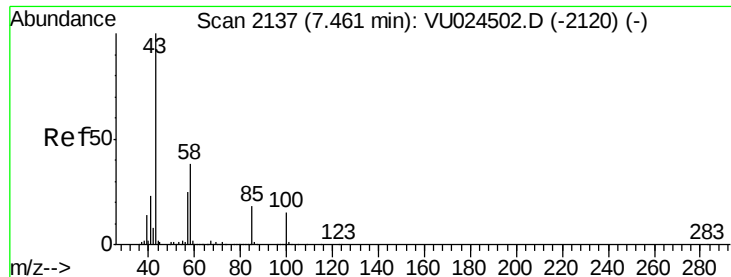
sam
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#50
Toluene-d8
Concen: 45.995 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 113.739 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

ClientSampleId :

VU0705WBS01

Tot Ion: 43 Resp: 389569

Ion Ratio Lower Upper

43 100

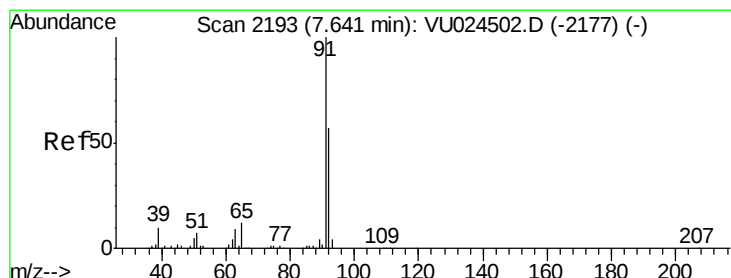
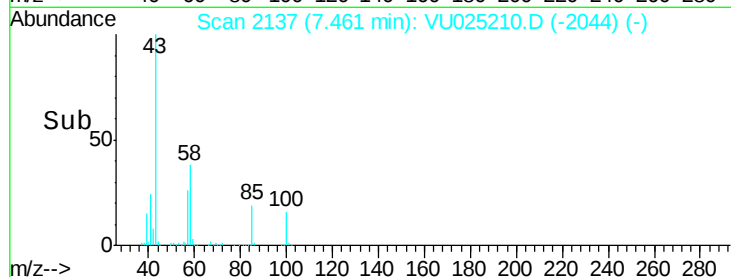
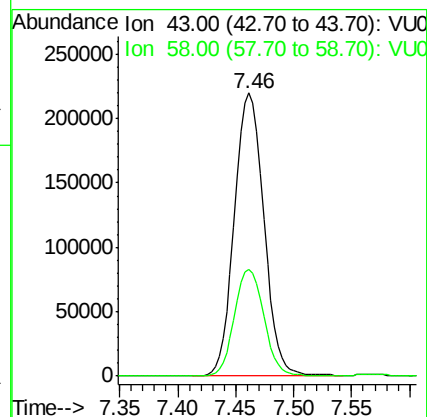
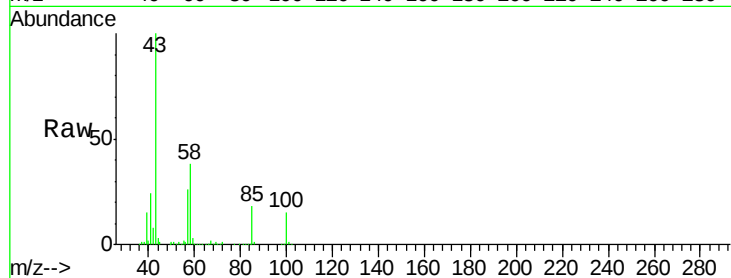
58 37.6 30.0 45.0

Manual Integrations

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#52

Toluene

Concen: 21.996 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025210.D

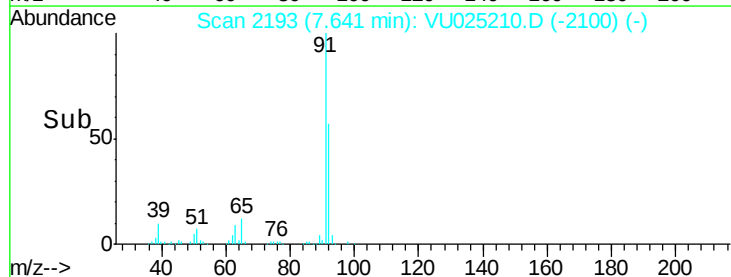
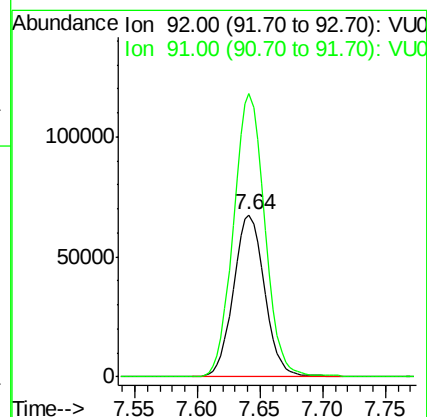
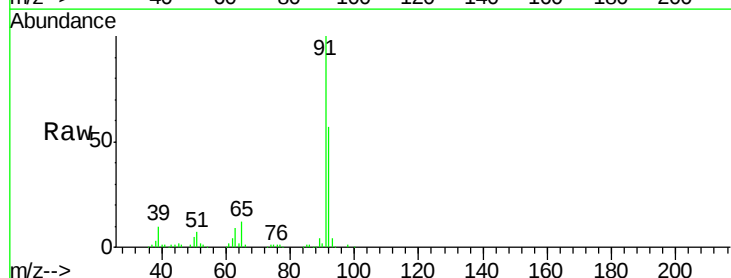
Acq: 05 Jul 2018 12:59

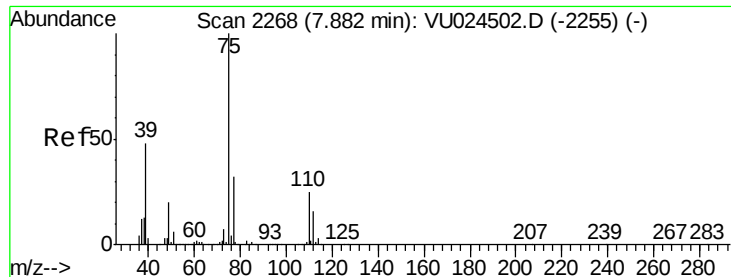
Tgt Ion: 92 Resp: 116685

Ion Ratio Lower Upper

92 100

91 175.1 140.5 210.7





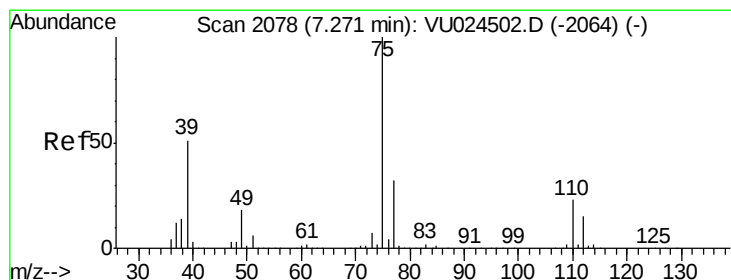
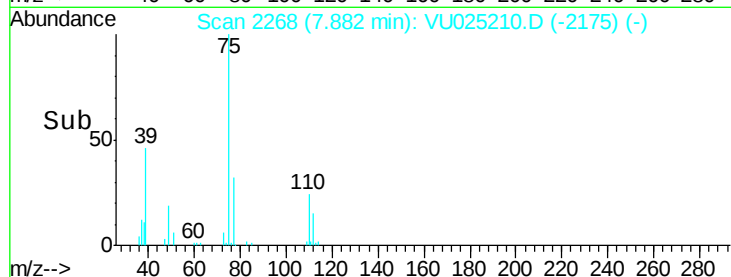
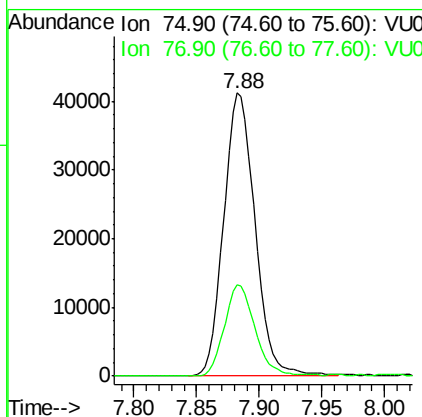
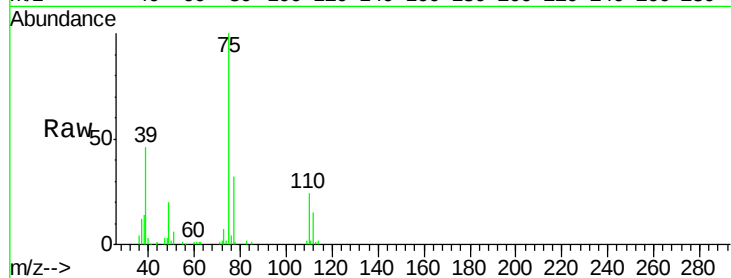
#53
t-1,3-Dichloropropene
Concen: 20.763 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Instrument :
MSVOA_U
ClientSampleId :
VU0705WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.8	37.2

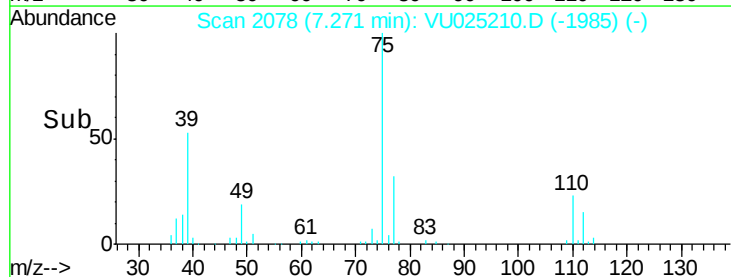
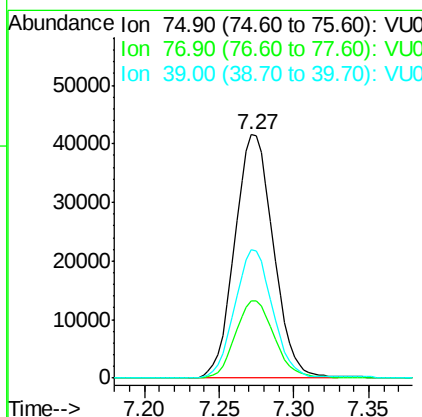
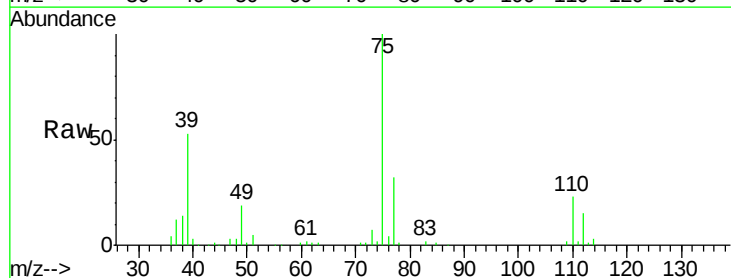
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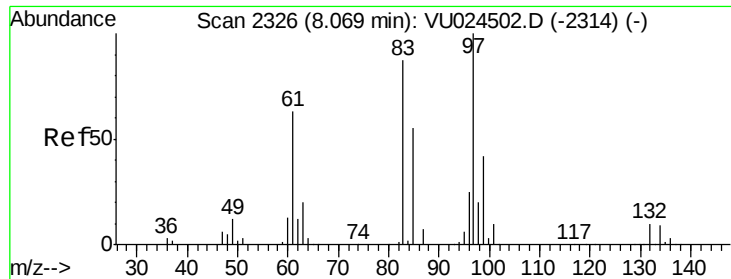
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#54
cis-1,3-Dichloropropene
Concen: 20.354 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.6	36.8
39	52.7	39.8	59.6





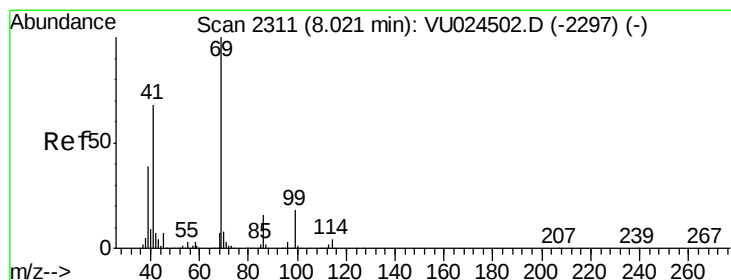
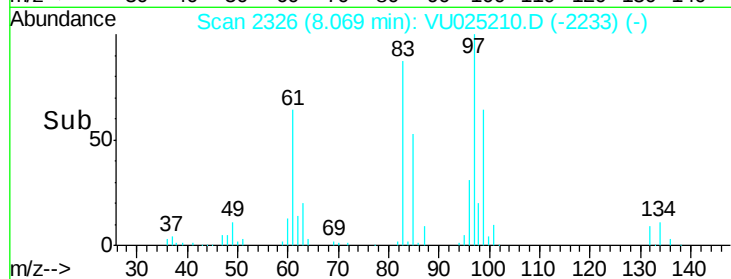
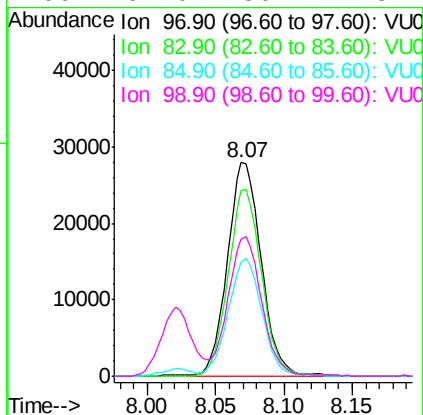
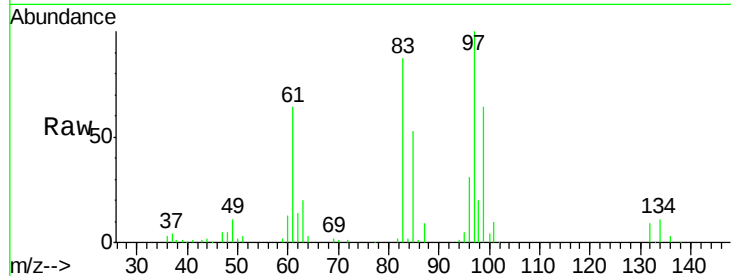
#55
 1,1,2-Trichloroethane
 Concen: 22.335 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025210.D
 Acq: 05 Jul 2018 12:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0705WBS01

Tot Ion:	97	Resp:	48164
Ion	Ratio	Lower	Upper
97	100		
83	86.7	70.5	105.7
85	53.4	46.4	69.6
99	64.0	50.2	75.2

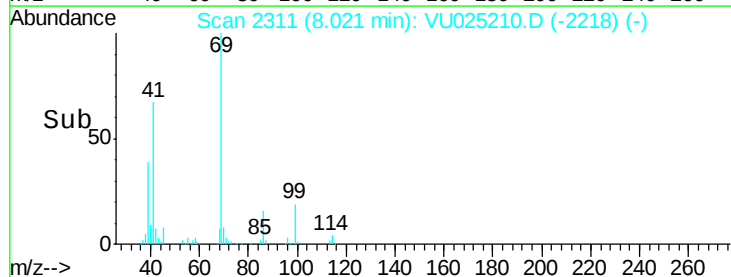
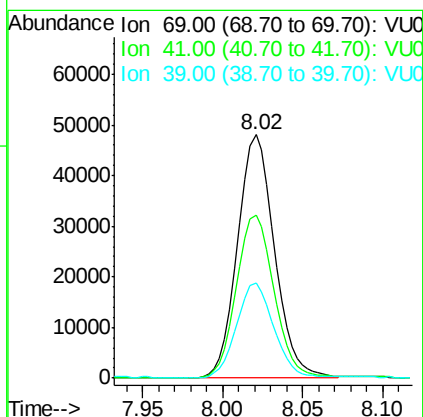
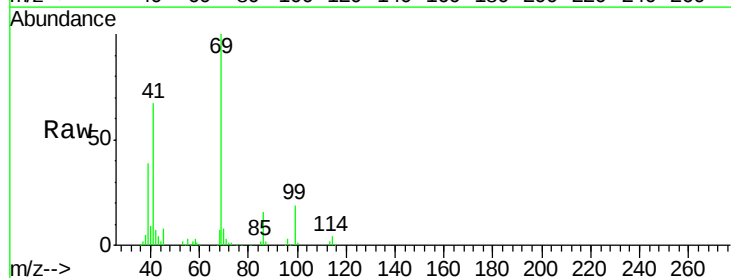
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 20.994 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025210.D
 Acq: 05 Jul 2018 12:59

Tgt Ion:	69	Resp:	75774
Ion	Ratio	Lower	Upper
69	100		
41	68.7	54.1	81.1
39	39.1	30.3	45.5





#57

1,3-Dichloropropane

Concen: 22.786 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Tot Ion: 76 Resp: 82887

Ion Ratio Lower Upper

76 100

78 32.0 25.2 37.8

Instrument :

MSVOA_U

ClientSampleId :

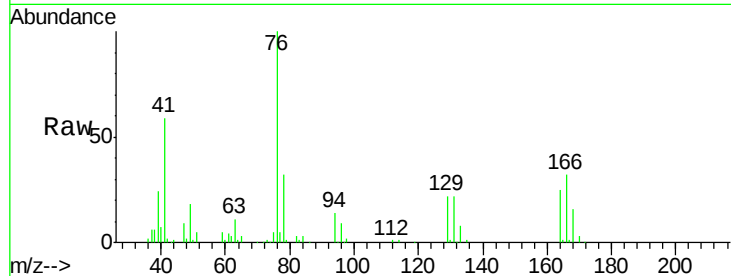
VU0705WBS01

Manual Integrations

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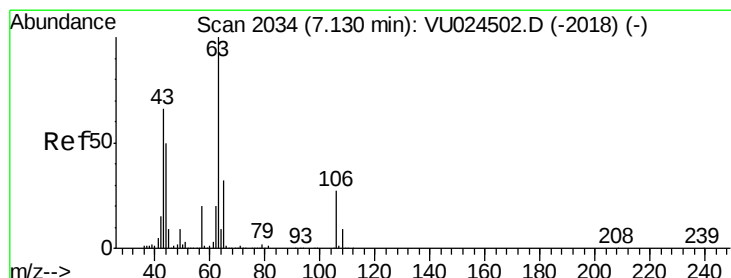
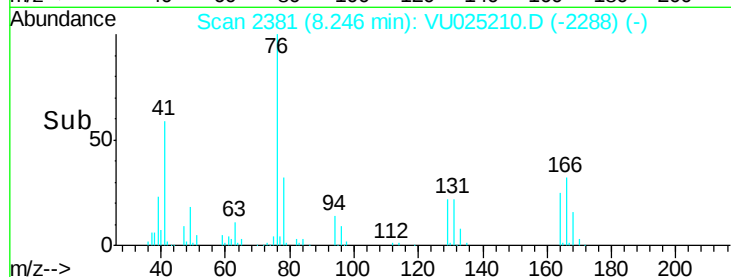
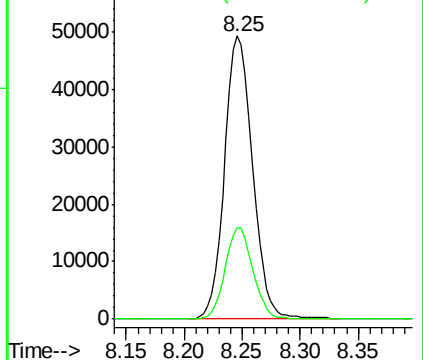
sam

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 92.145 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU025210.D

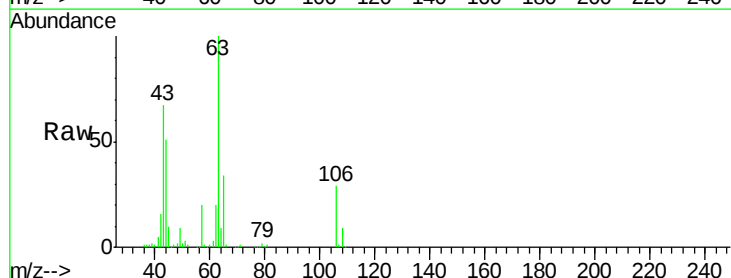
Acq: 05 Jul 2018 12:59

Tgt Ion: 63 Resp: 127411

Ion Ratio Lower Upper

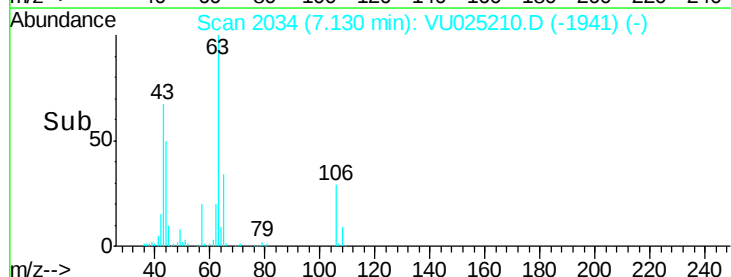
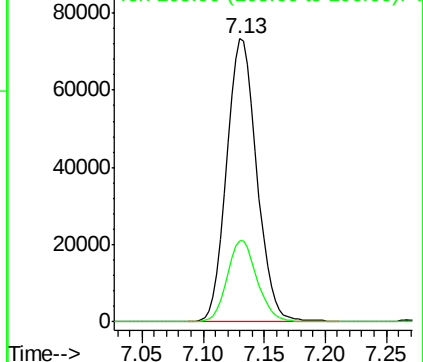
63 100

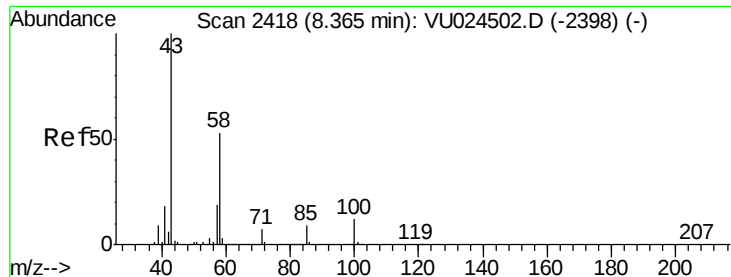
106 28.5 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V





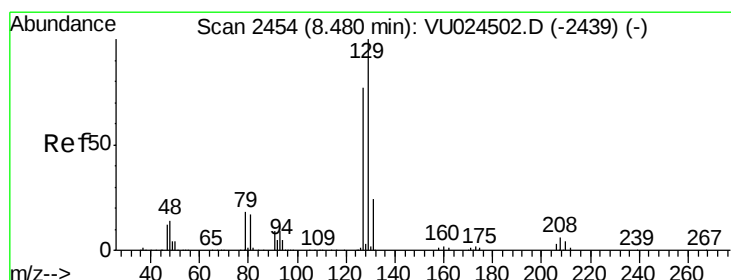
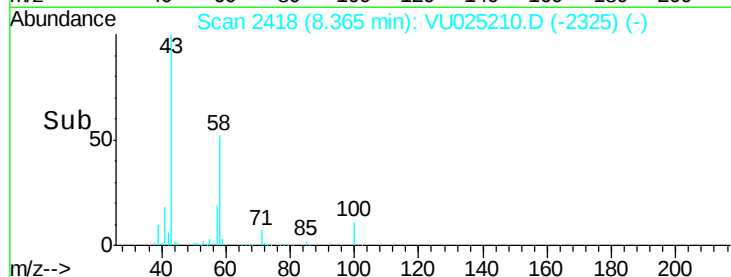
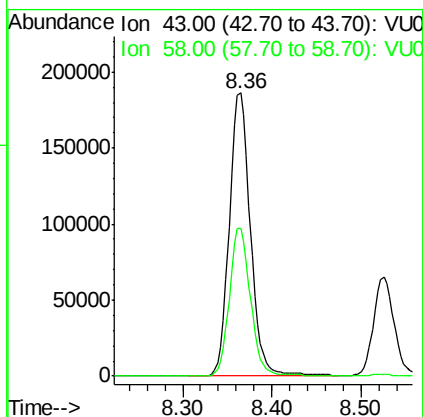
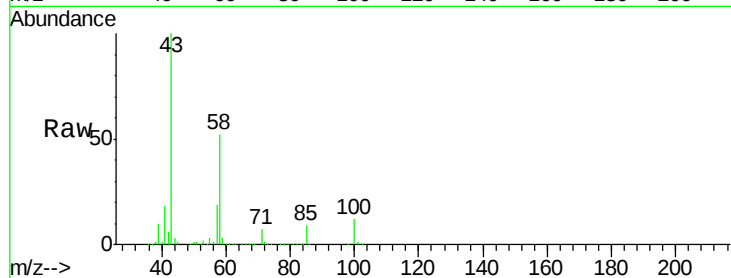
#59
2-Hexanone
Concen: 109.080 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Instrument :
MSVOA_U
ClientSampleId :
VU0705WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.7	26.4	79.0

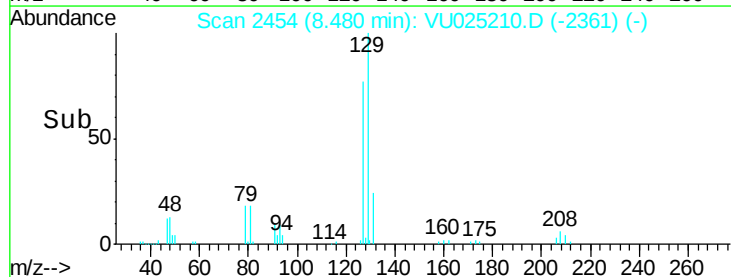
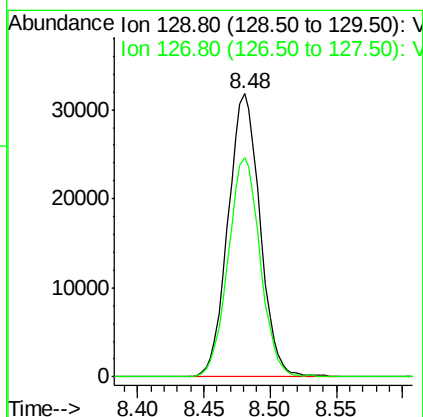
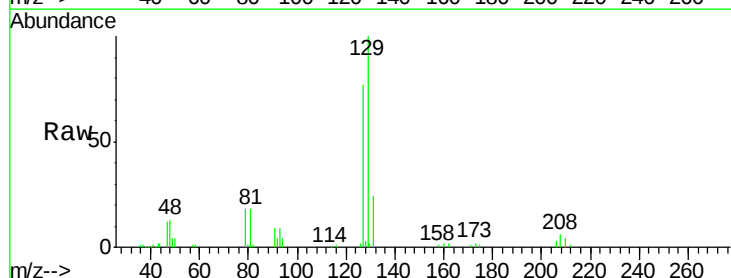
Manual Integrations
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#60
Dibromochloromethane
Concen: 19.812 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.6	116.0





#61

1,2-Dibromoethane

Concen: 22.597 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

ClientSampleId :

VU0705WBS01

Tot Ion:107 Resp: 54235

Ion Ratio Lower Upper

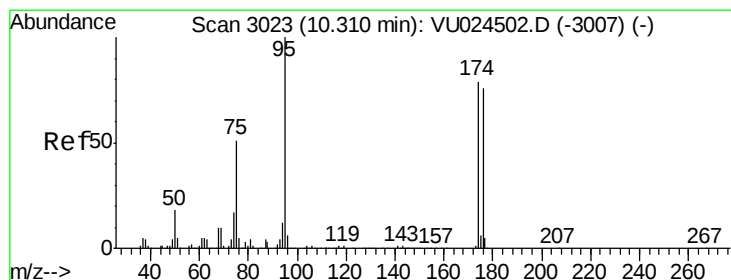
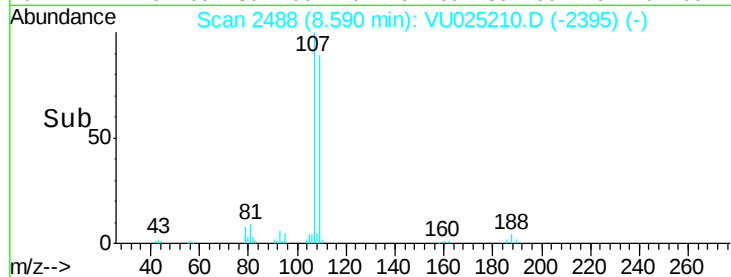
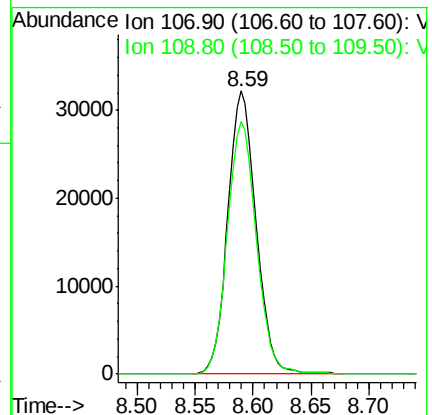
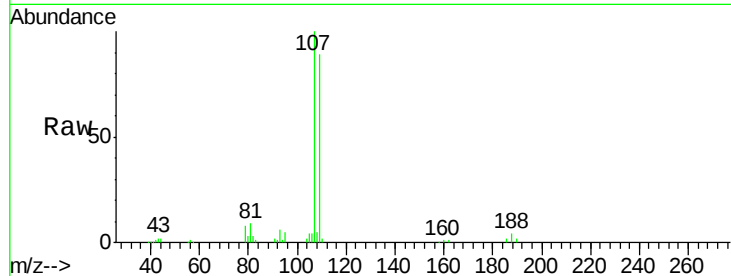
107 100

109 91.4 74.5 111.7

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 49.542 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

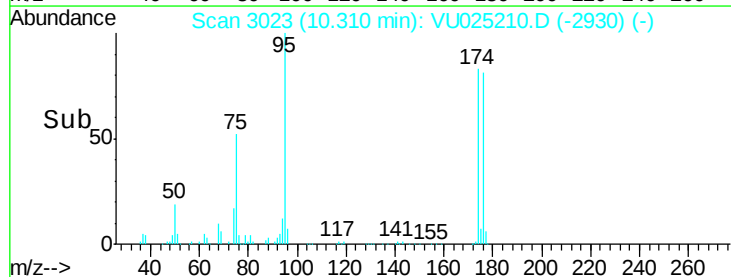
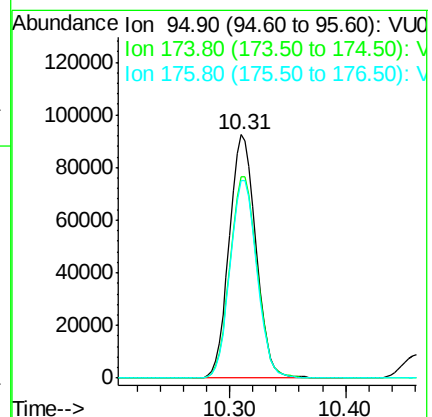
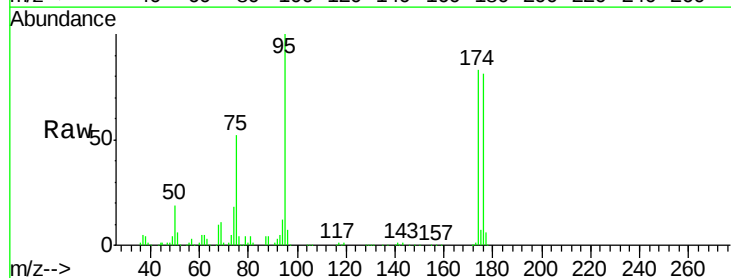
Tgt Ion: 95 Resp: 146638

Ion Ratio Lower Upper

95 100

174 84.0 0.0 165.8

176 81.5 0.0 159.4





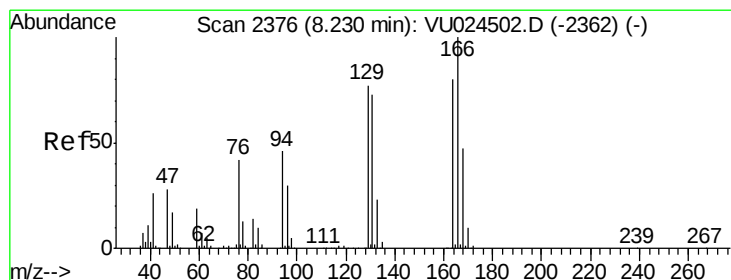
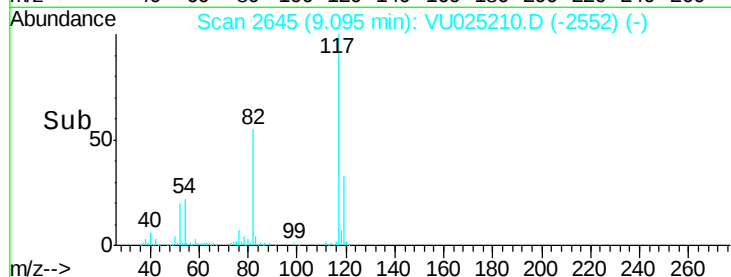
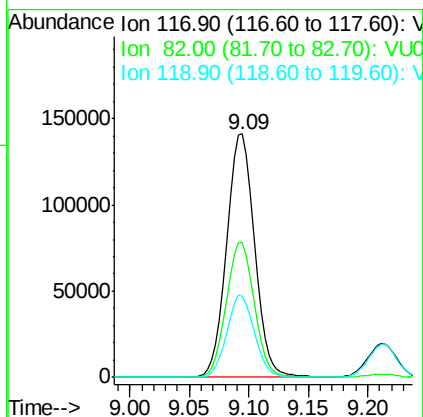
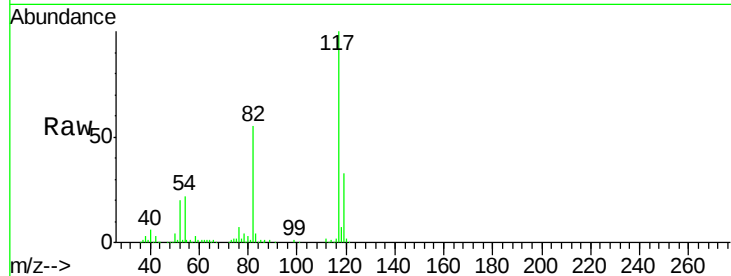
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Instrument :
MSVOA_U
ClientSampleId :
VU0705WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	231135		
82	55.1	44.3	66.5	
119	33.3	25.4	38.2	

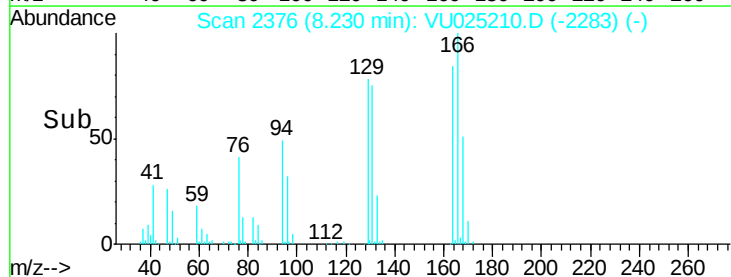
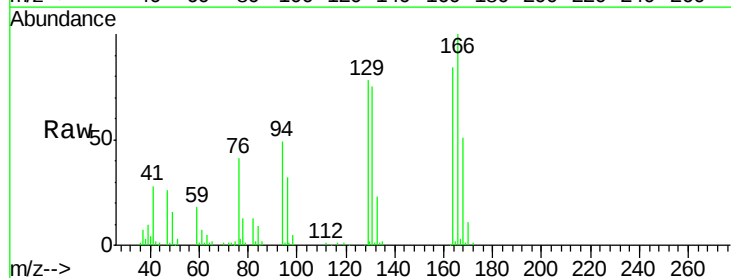
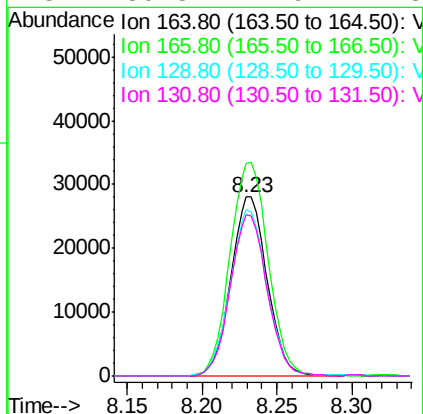
Manual Integrations
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sam
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#64
Tetrachloroethene
Concen: 21.579 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	47409		
166	119.0	101.7	152.5	
129	92.7	76.9	115.3	
131	89.8	74.9	112.3	





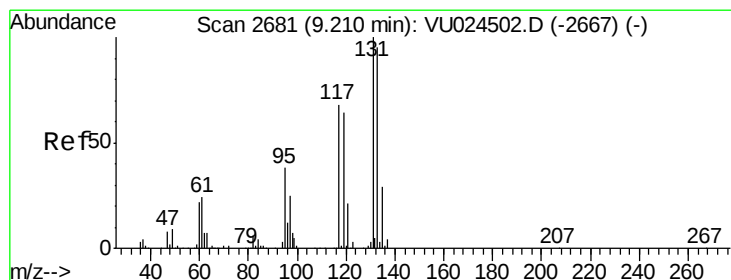
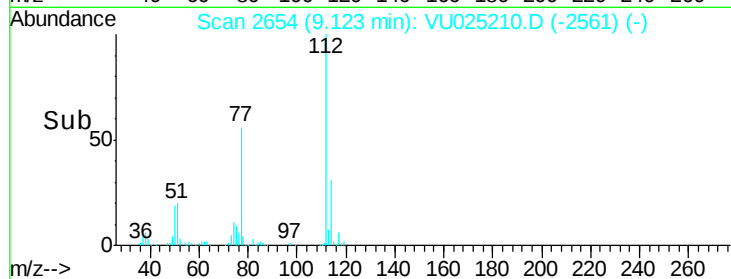
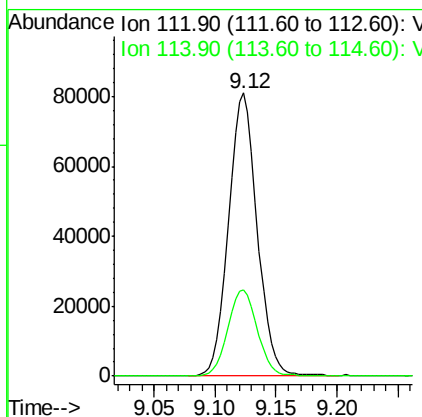
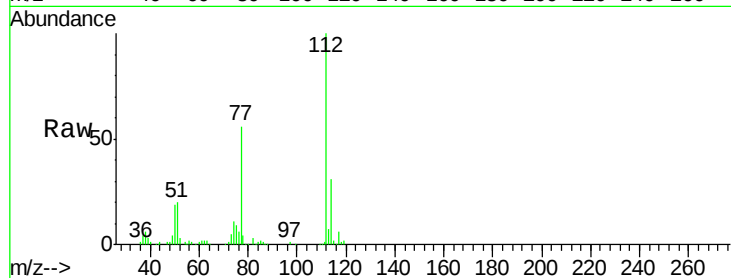
#65
Chlorobenzene
Concen: 22.523 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Instrument :
MSVOA_U
ClientSampleId :
VU0705WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.6	25.6	38.4

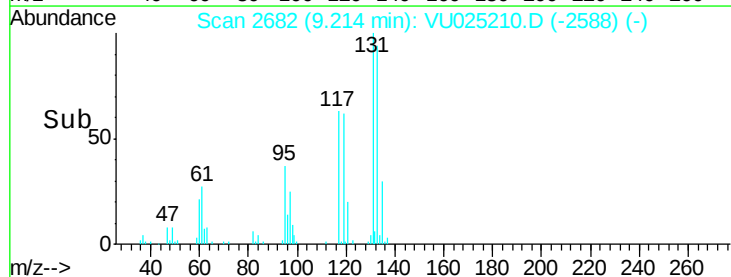
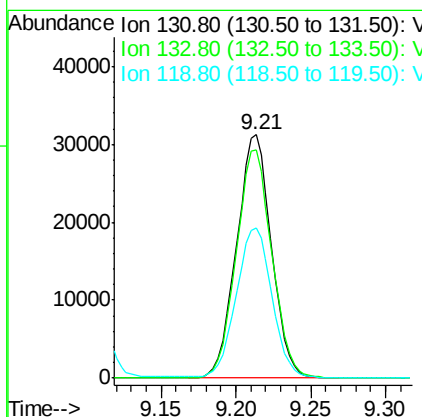
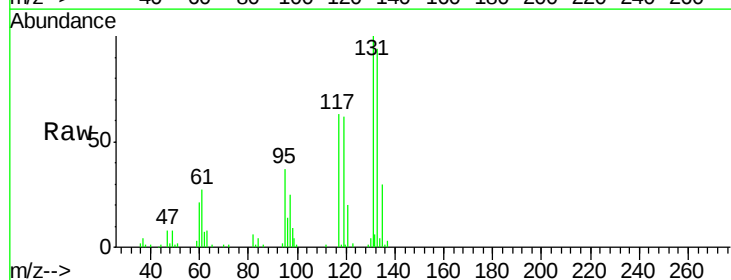
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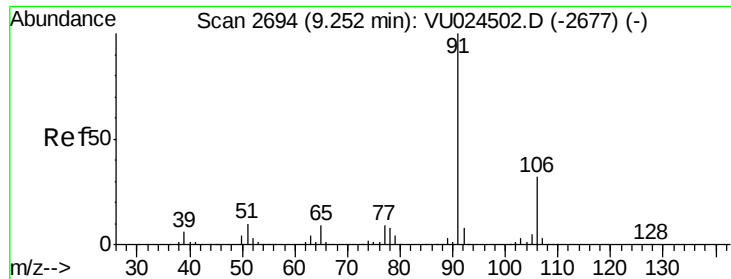
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.584 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	46.9	140.8
119	63.4	33.5	100.4





#67

Ethyl Benzene

Concen: 21.990 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

ClientSampleId :

VU0705WBS01

Tot Ion: 91 Resp: 227624

Ion Ratio Lower Upper

91 100

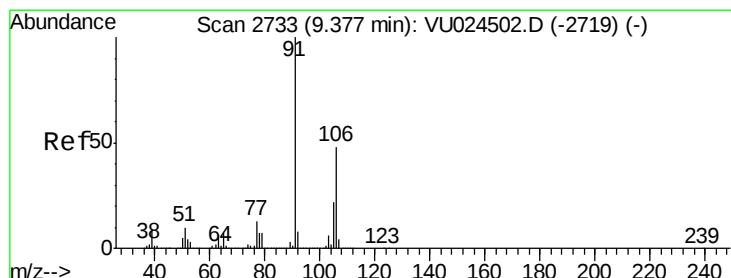
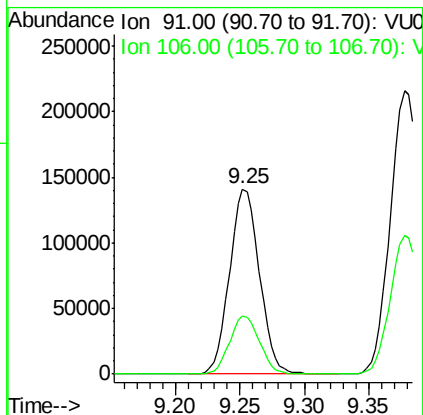
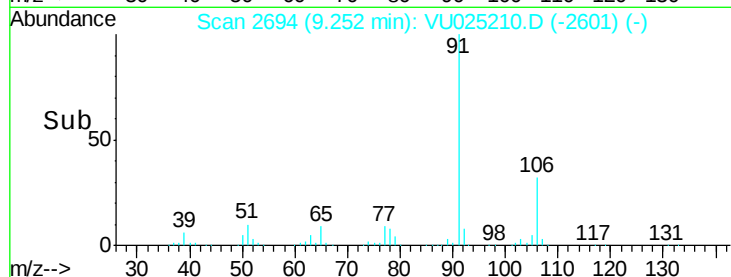
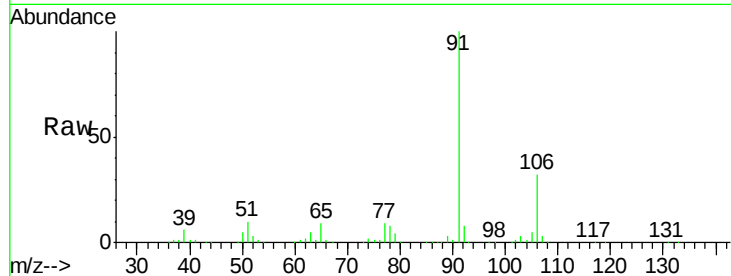
106 31.6 24.2 36.4

Manual Integrations

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#68

m/p-Xylenes

Concen: 44.589 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025210.D

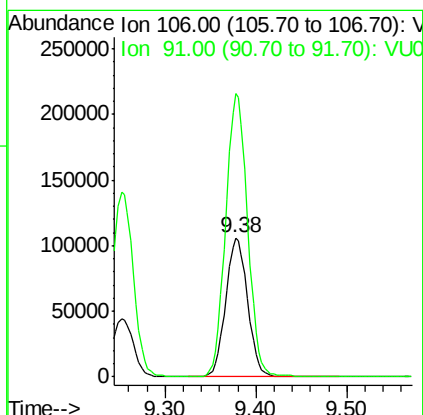
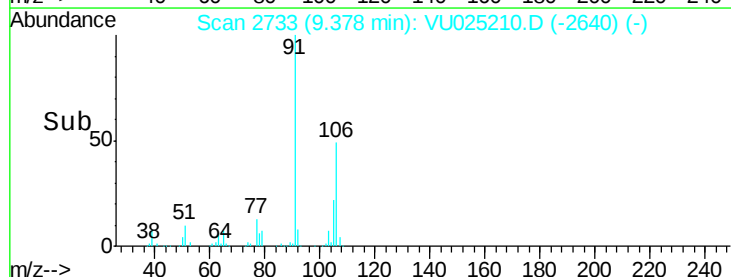
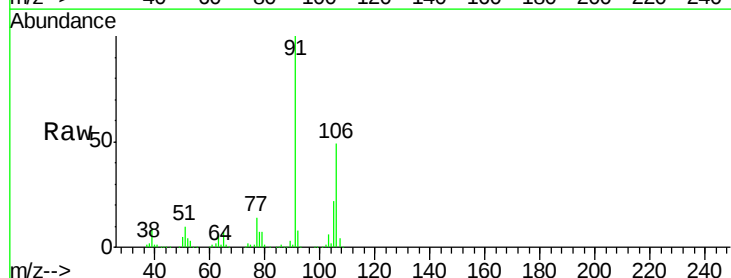
Acq: 05 Jul 2018 12:59

Tgt Ion: 106 Resp: 177235

Ion Ratio Lower Upper

106 100

91 203.1 166.5 249.7





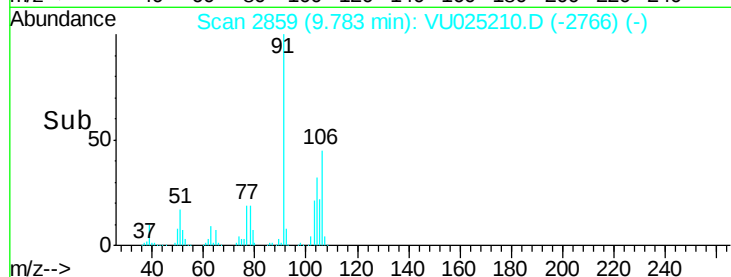
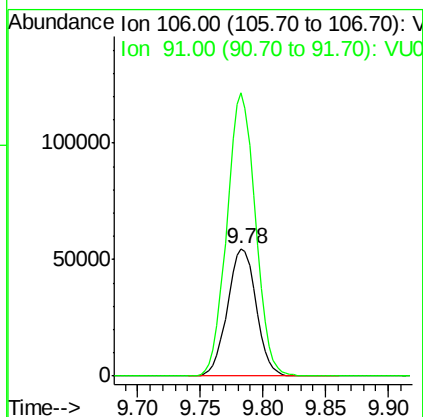
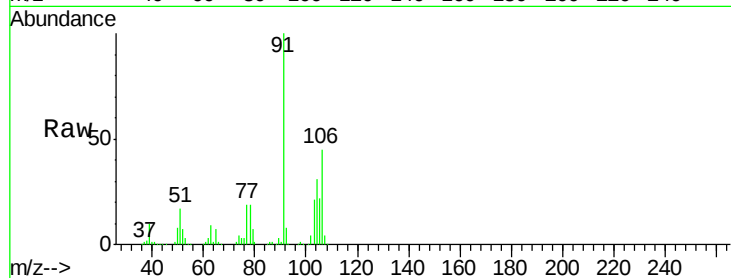
#69
o-Xylene
Concen: 22.150 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Instrument :
MSVOA_U
ClientSampleId :
VU0705WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	220.1	110.7	331.9

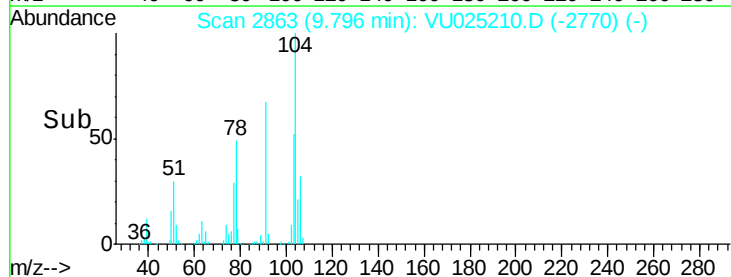
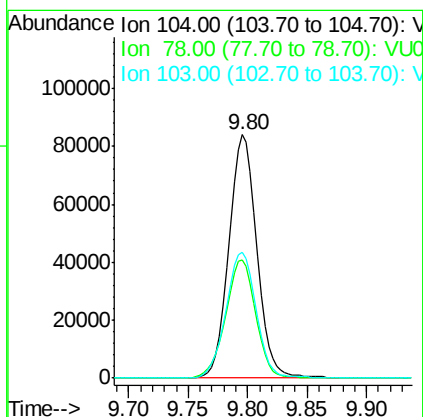
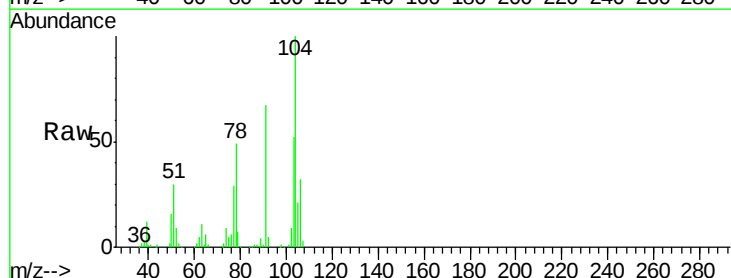
Manual Integrations
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#70
Styrene
Concen: 21.161 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.2	40.6	60.8
103	55.7	44.7	67.1





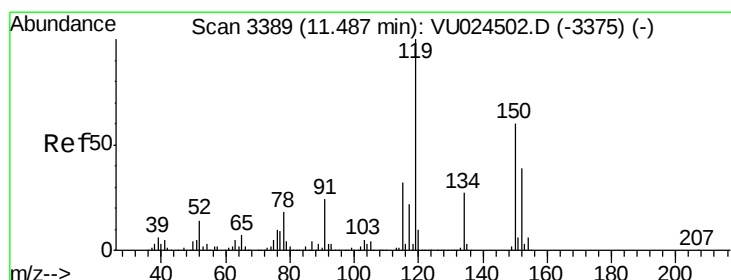
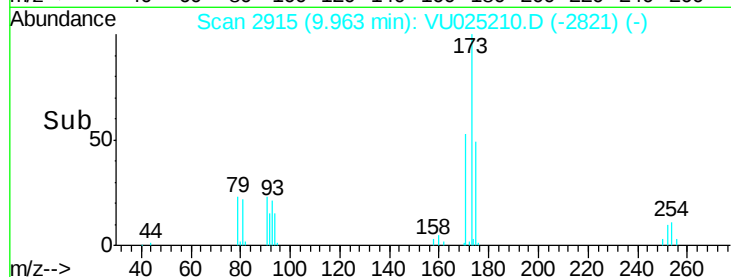
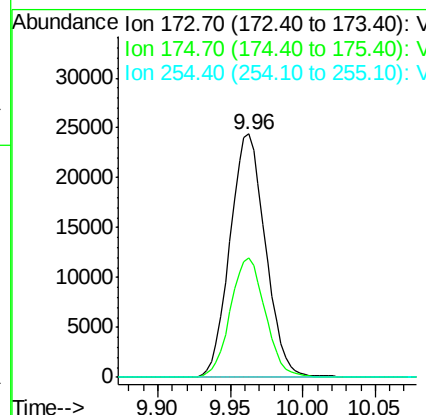
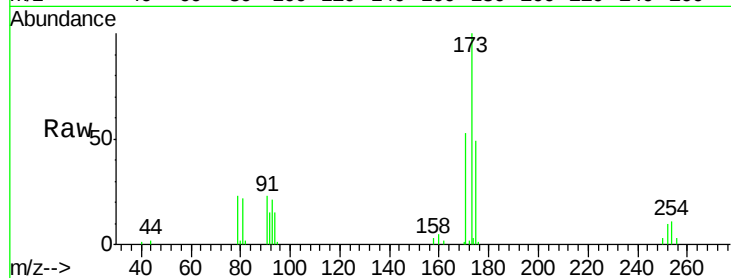
#71
Bromoform
Concen: 19.439 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Instrument :
MSVOA_U
ClientSampleId :
VU0705WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.6	74.0
254	0.0	0.0	0.0

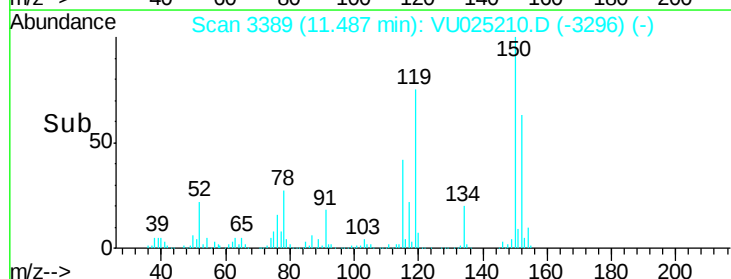
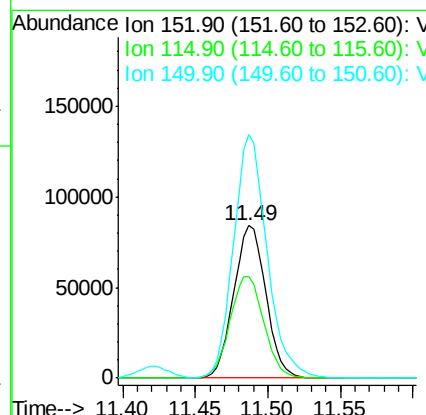
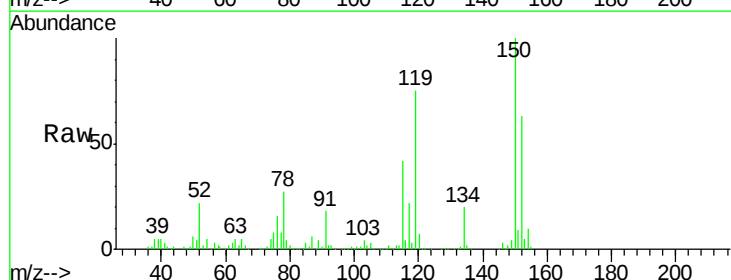
Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.7	43.0	129.0
150	165.5	0.0	354.0





#73

Isopropylbenzene

Concen: 23.717 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

ClientSampleId :

VU0705WBS01

Tot Ion: 105 Resp: 236774

Ion Ratio Lower Upper

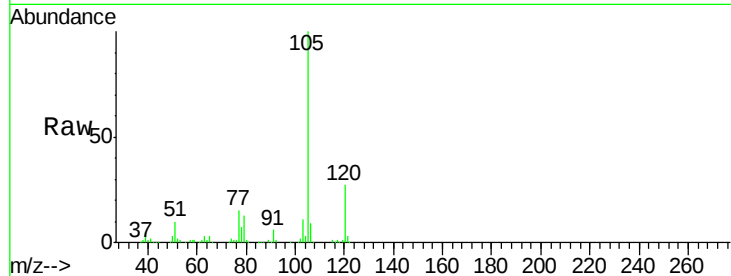
105 100

120 26.4 13.2 39.6

Manual Integrations
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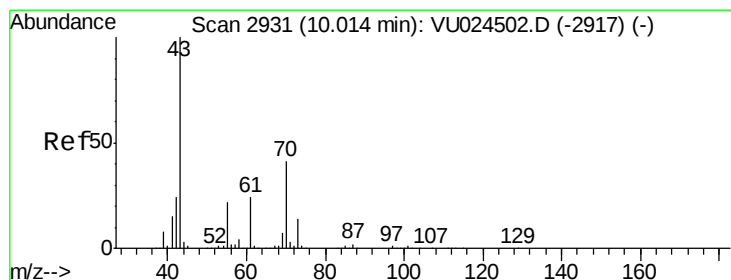
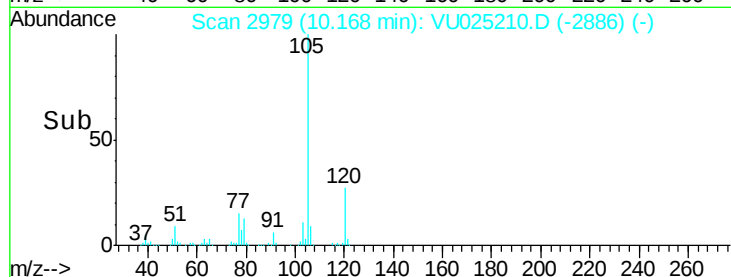
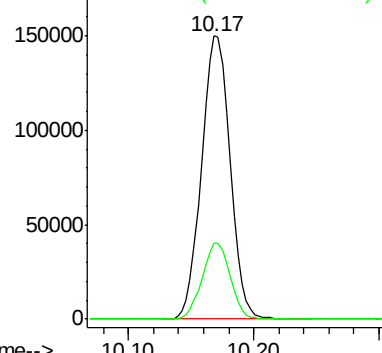
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.451 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Tgt Ion: 43 Resp: 97113

Ion Ratio Lower Upper

43 100

70 42.1 32.2 48.4

55 24.1 20.5 30.7

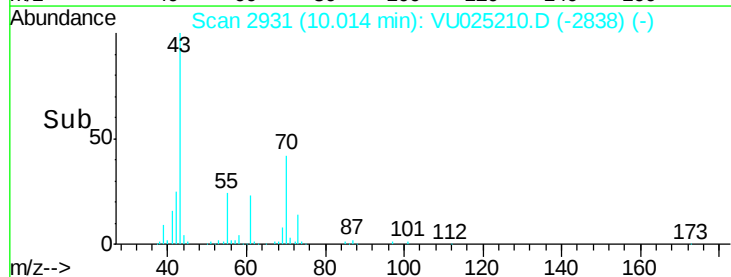
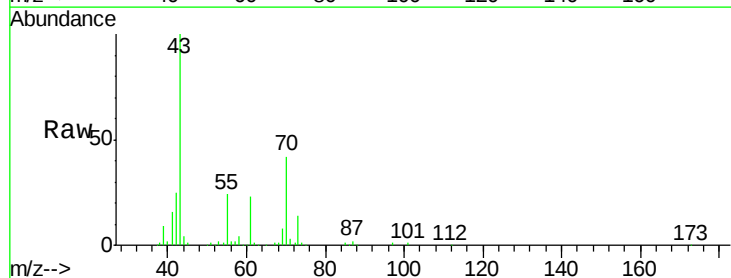
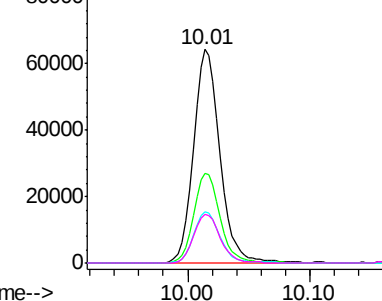
61 23.4 18.7 28.1

Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 24.218 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

ClientSampleId :

VU0705WBS01

Tot Ion: 83 Resp: 81021
Ion Ratio Lower Upper

83 100

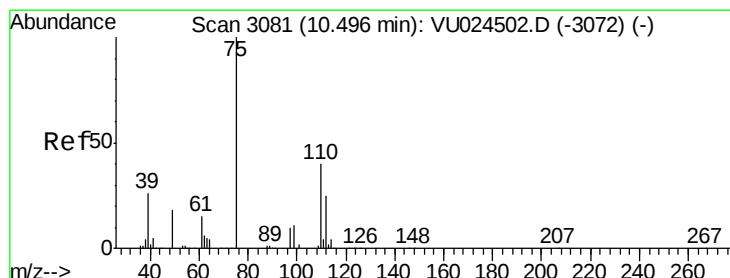
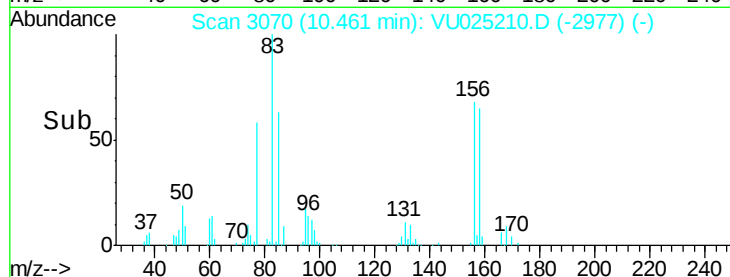
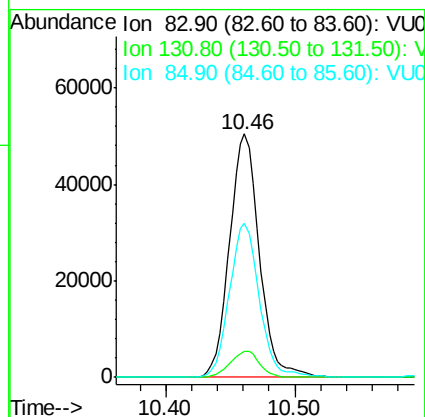
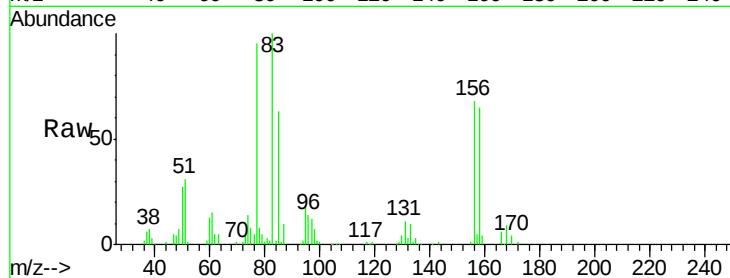
131 10.4 4.7 14.1

85 63.5 32.5 97.5

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#76

1,2,3-Trichloropropane

Concen: 25.016 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

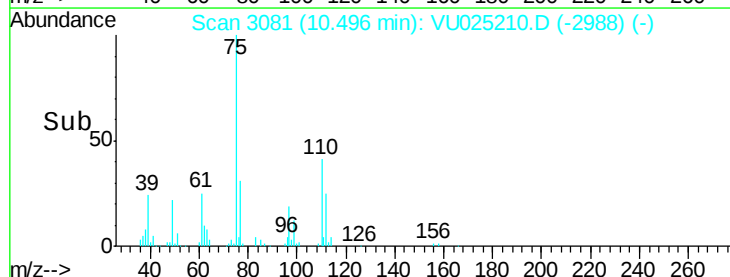
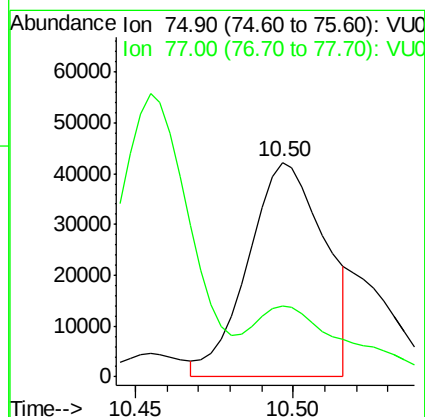
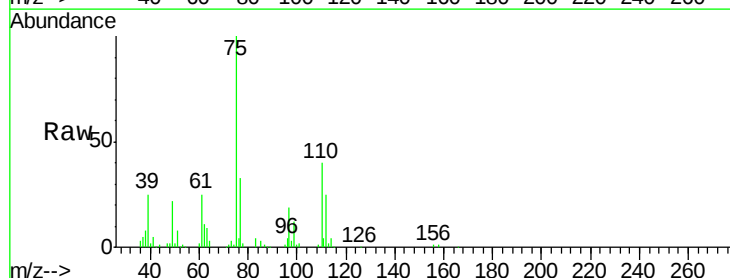
Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Tgt Ion: 75 Resp: 71616
Ion Ratio Lower Upper

75 100

77 40.1 20.9 62.7





#77

Bromobenzene

Concen: 24.172 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

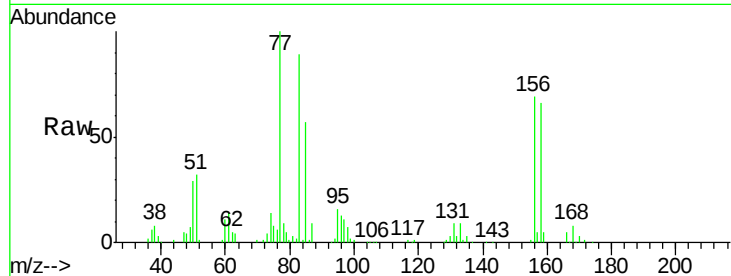
ClientSampleId :

VU0705WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	147.4	80.5	241.3
158	96.7	48.2	144.6

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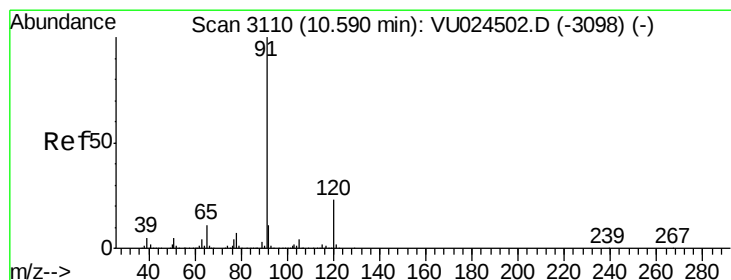
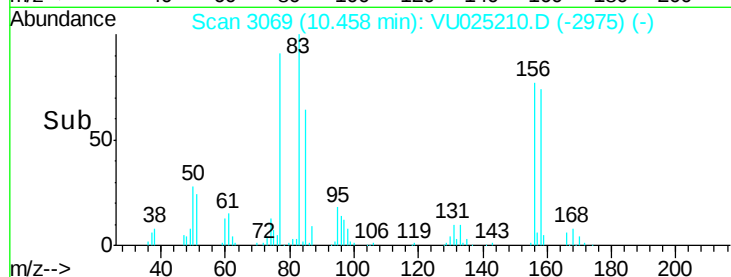
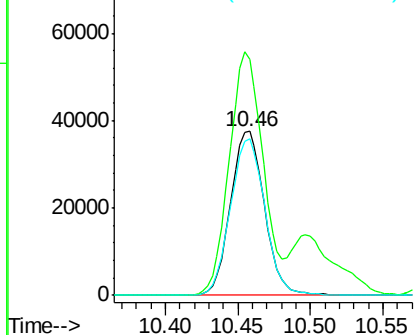
sam
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.903 ug/l

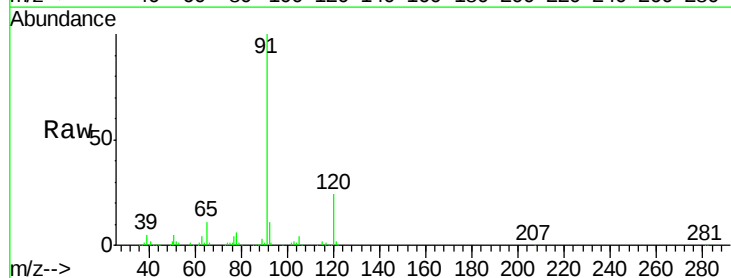
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025210.D

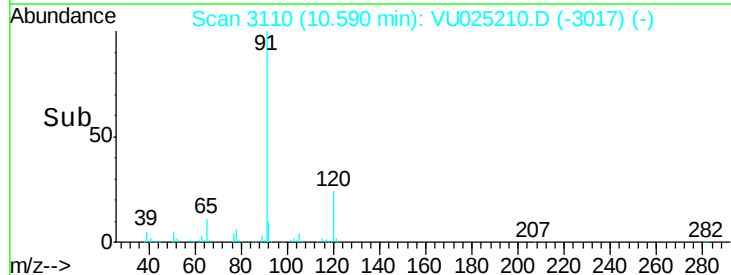
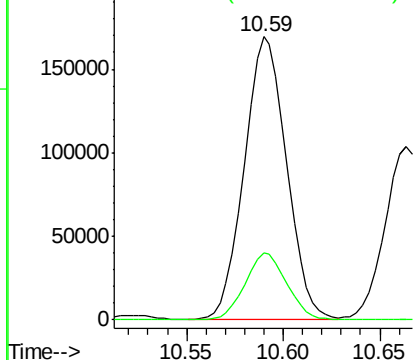
Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.2	33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.268 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

ClientSampleId :

VU0705WBS01

Tot Ion: 91 Resp: 161370

Ion Ratio Lower Upper

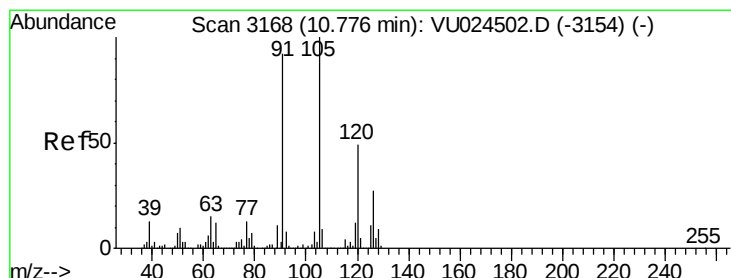
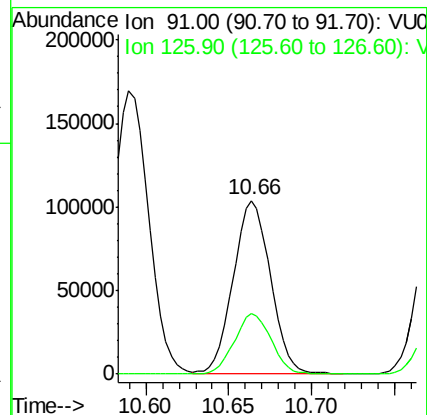
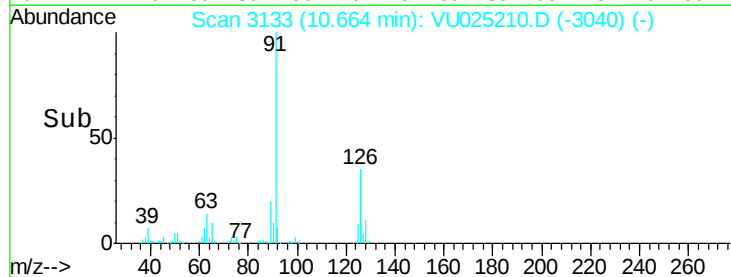
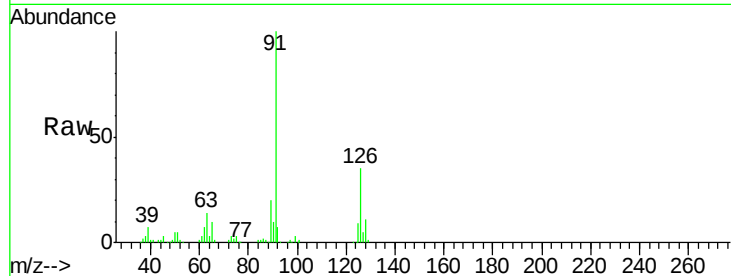
91 100

126 34.8 16.9 50.7

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#80

1,3,5-Trimethylbenzene

Concen: 23.400 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025210.D

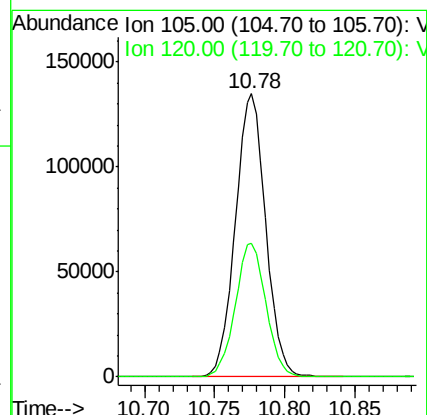
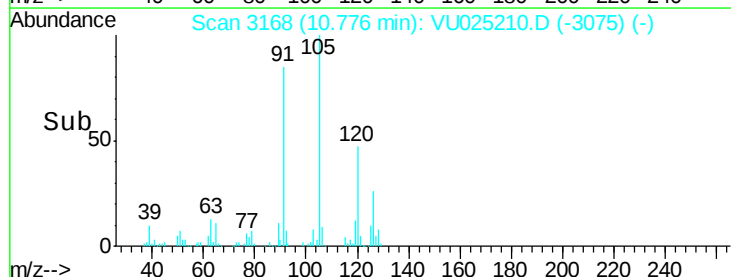
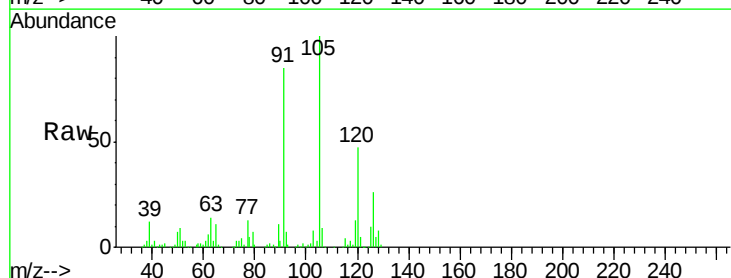
Acq: 05 Jul 2018 12:59

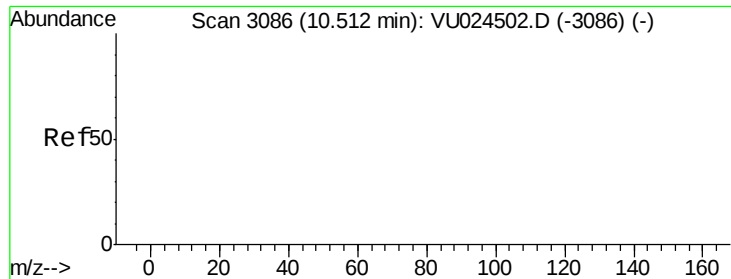
Tgt Ion: 105 Resp: 202484

Ion Ratio Lower Upper

105 100

120 47.8 24.1 72.2





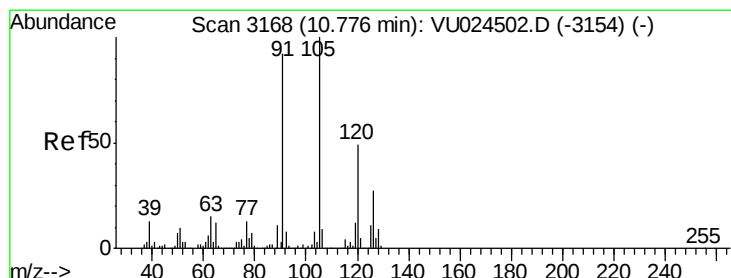
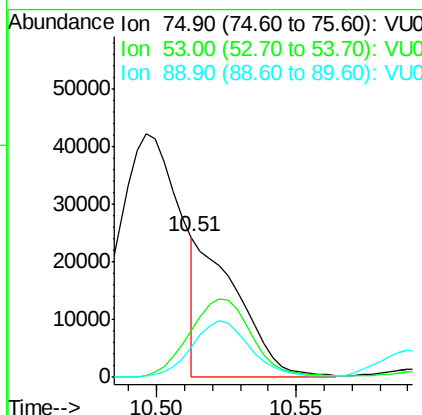
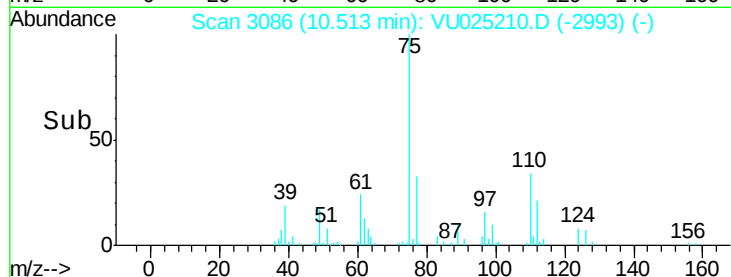
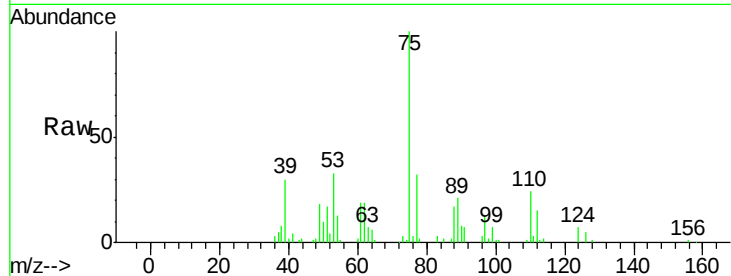
#81
trans-1,4-Dichloro-2-butene
Concen: 20.362 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Instrument :
MSVOA_U
ClientSampleId :
VU0705WBS01

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

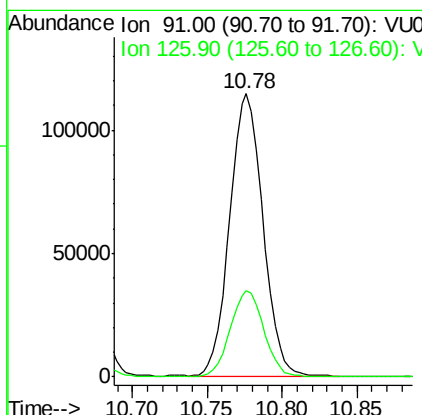
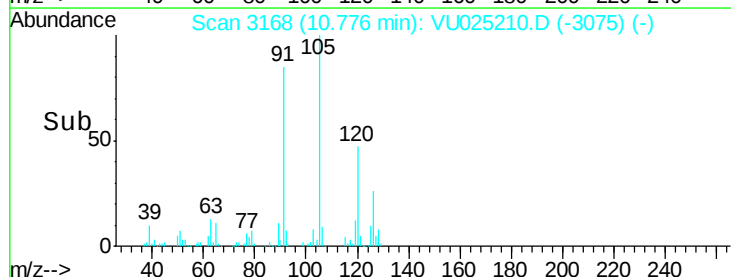
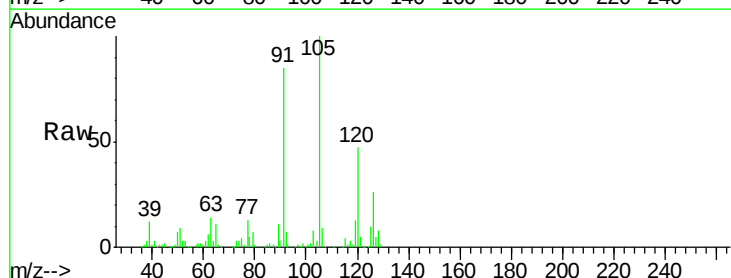
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#82
4-Chlorotoluene
Concen: 22.005 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	14.9	44.9





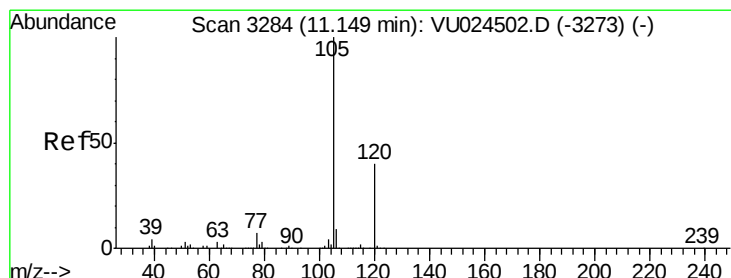
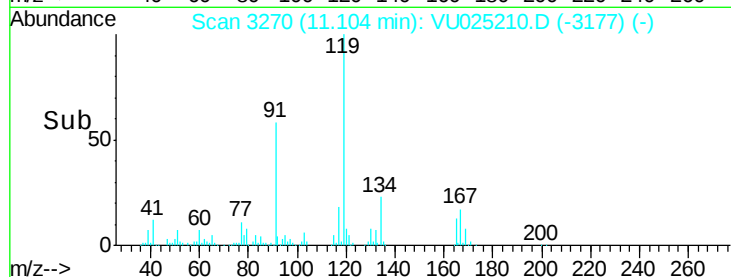
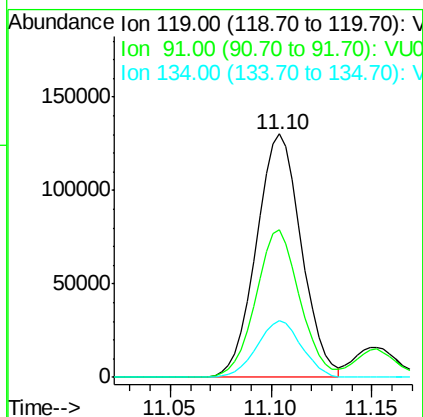
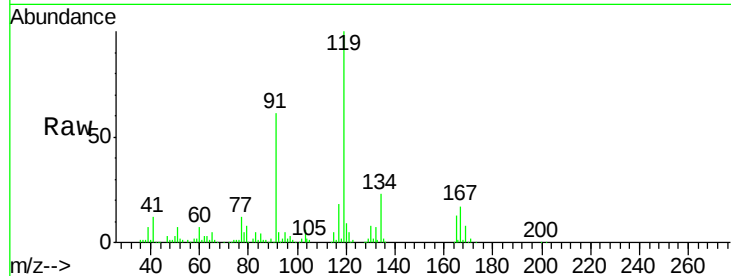
#83
tert-Butylbenzene
Concen: 24.326 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Instrument :
MSVOA_U
ClientSampleId :
VU0705WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	202481		
91	59.5	29.7	89.1	
134	23.2	11.6	34.7	

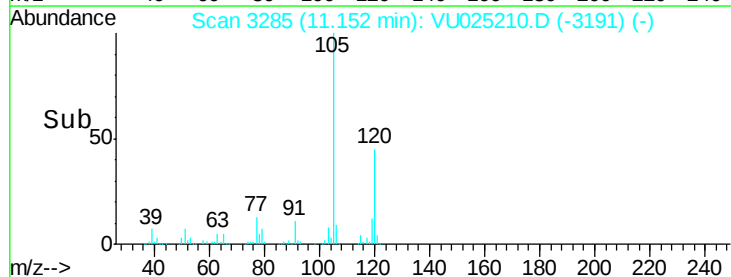
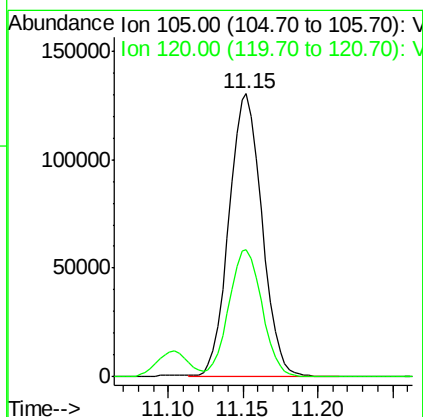
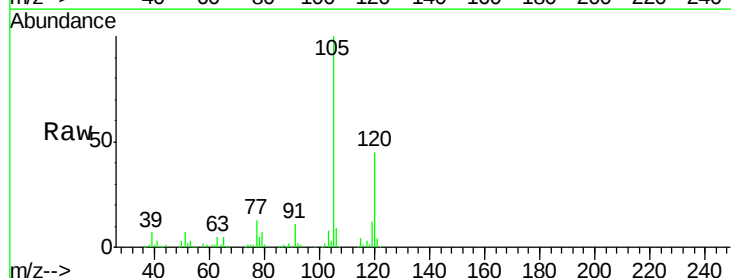
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#84
1,2,4-Trimethylbenzene
Concen: 22.657 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025210.D
Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	199798		
120	45.6	22.6	67.8	





#85

sec-Butylbenzene

Concen: 22.687 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

ClientSampleId :

VU0705WBS01

Tot Ion:105 Resp: 236375

Ion Ratio Lower Upper

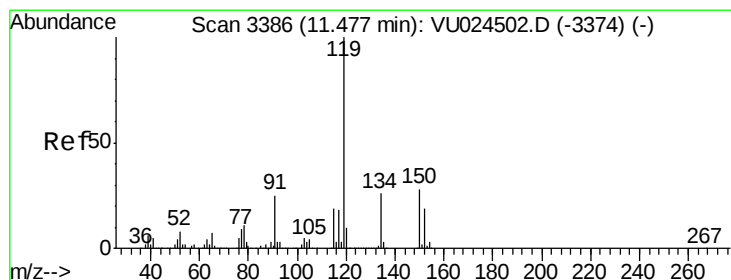
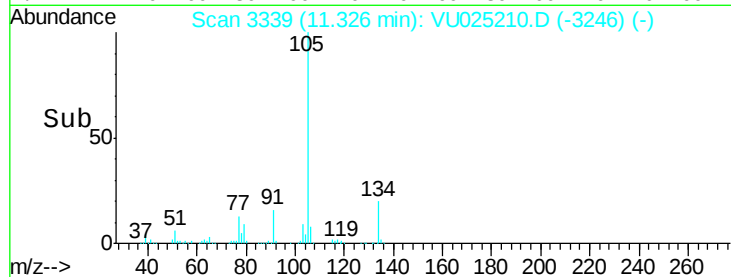
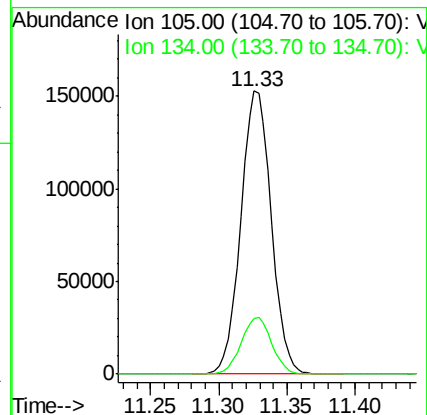
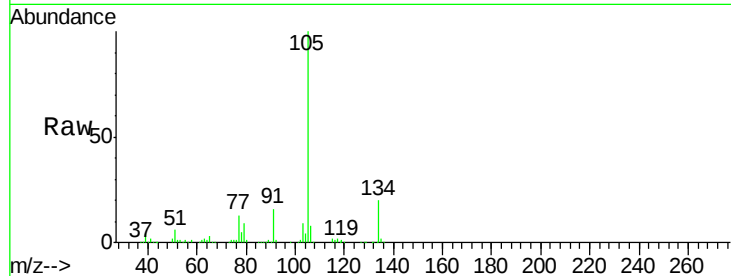
105 100

134 20.1 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 22.055 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

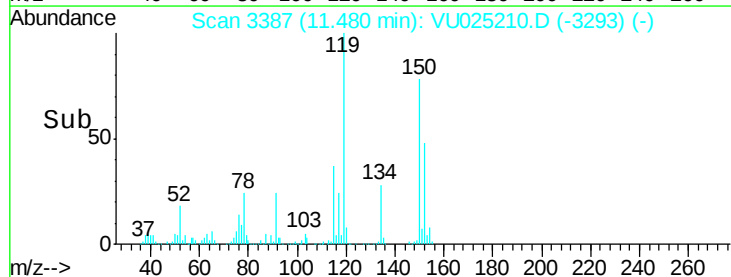
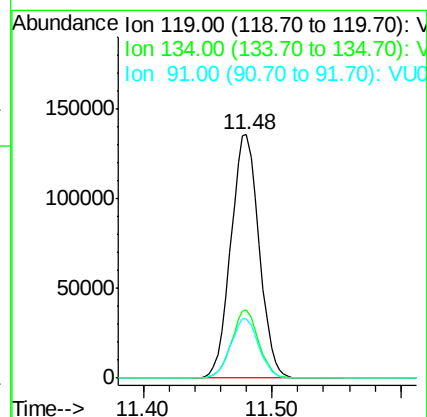
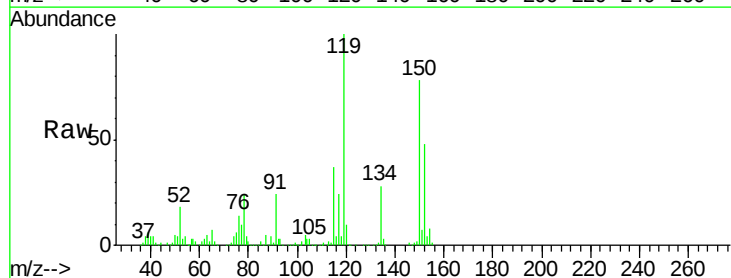
Tgt Ion:119 Resp: 205800

Ion Ratio Lower Upper

119 100

134 26.8 12.9 38.6

91 24.5 12.0 36.1





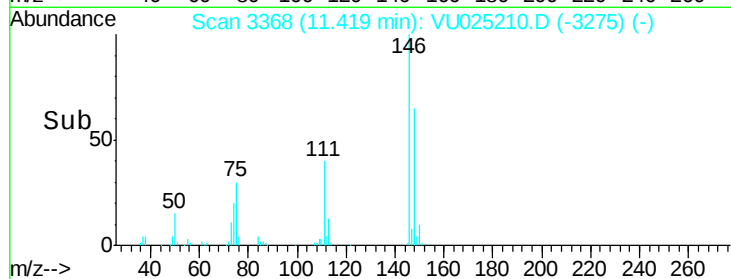
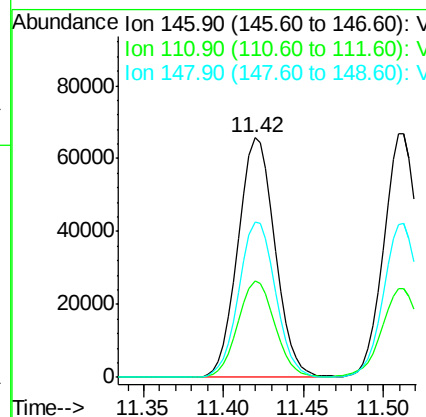
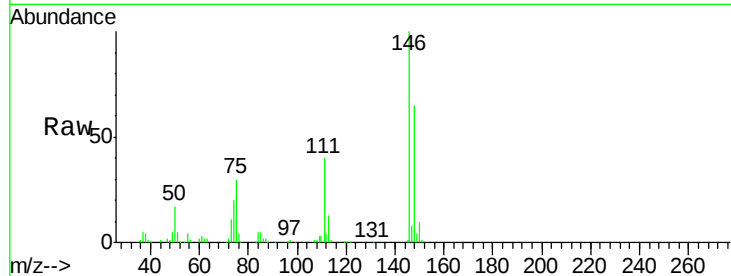
#87
 1,3-Dichlorobenzene
 Concen: 22.195 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025210.D
 Acq: 05 Jul 2018 12:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0705WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.0	60.0
148	64.6	32.1	96.5

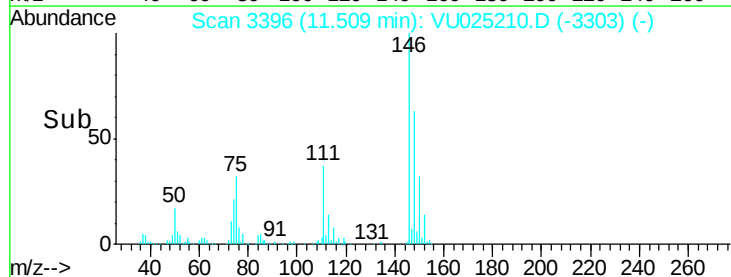
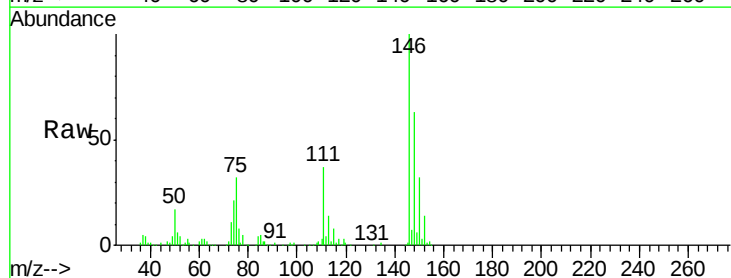
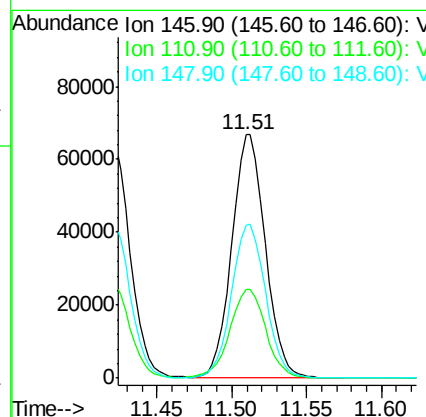
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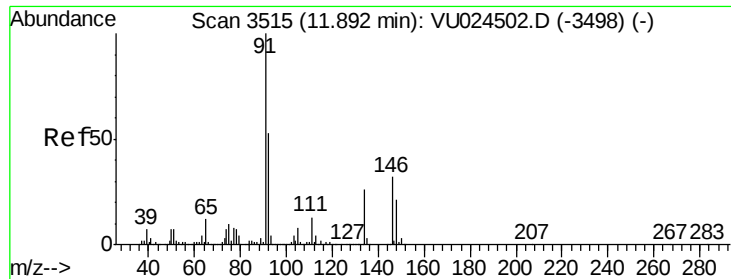
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#88
 1,4-Dichlorobenzene
 Concen: 22.117 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025210.D
 Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.5	58.5
148	64.7	32.4	97.0





#89

n-Butylbenzene

Concen: 18.949 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

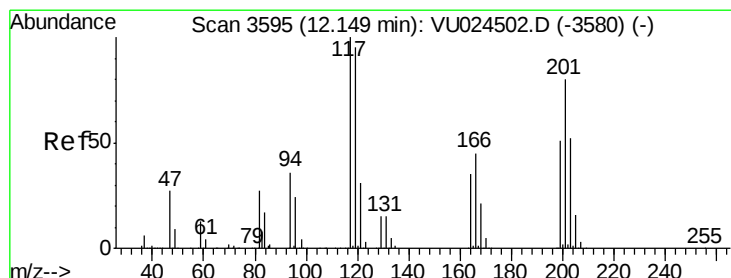
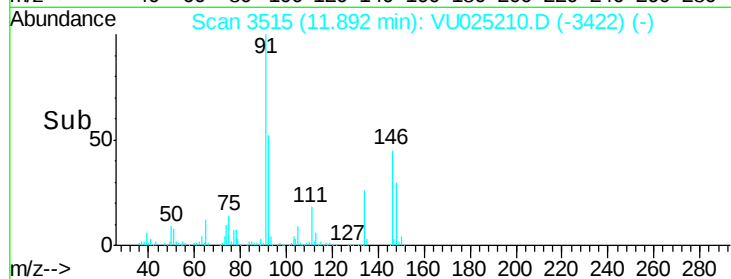
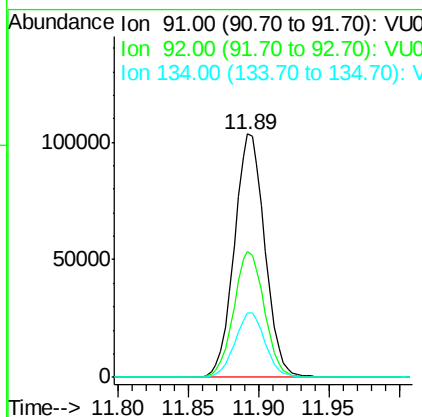
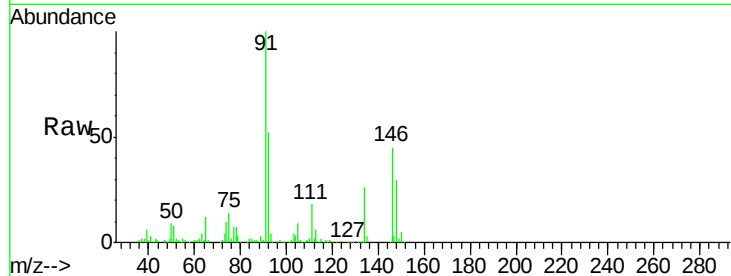
ClientSampleId :

VU0705WBS01

Tot Ion:	91	Resp:	156978
Ion Ratio	Lower	Upper	
91	100		
92	51.9	25.6	76.8
134	26.3	12.3	36.8

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#90

Hexachloroethane

Concen: 19.851 ug/l

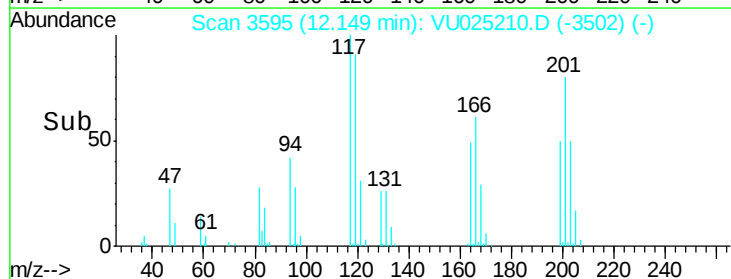
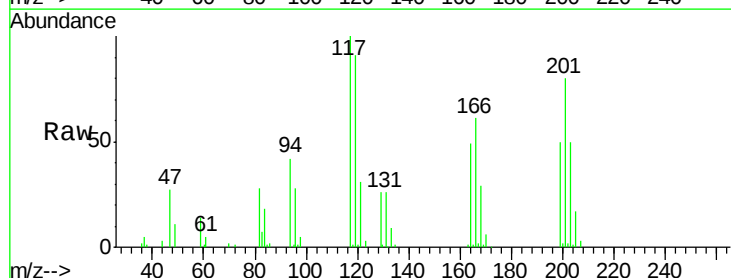
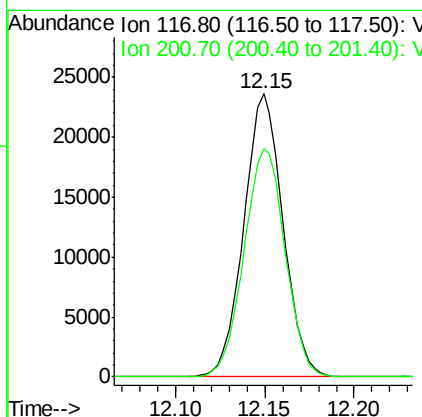
RT: 12.15 min Scan# 3595

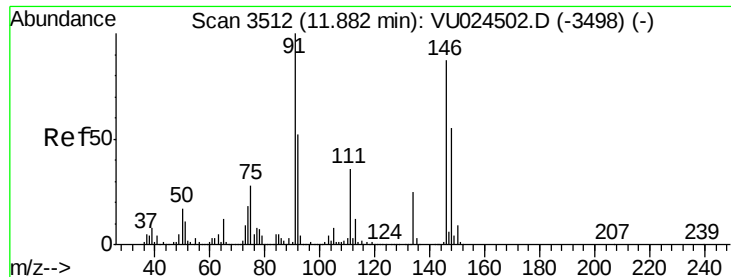
Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Tgt Ion:	117	Resp:	36135
Ion Ratio	Lower	Upper	
117	100		
201	84.6	41.1	123.3





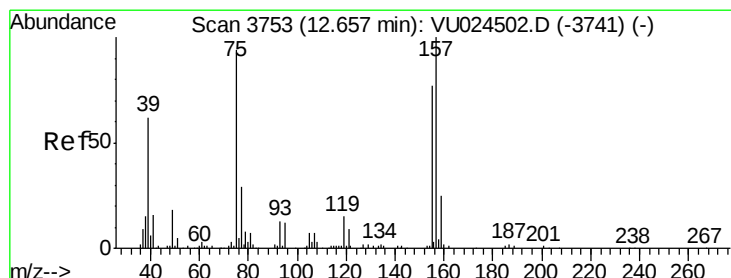
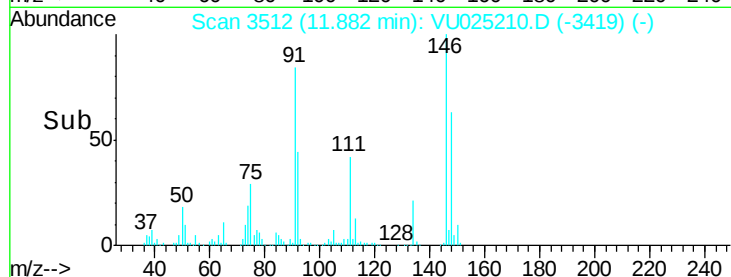
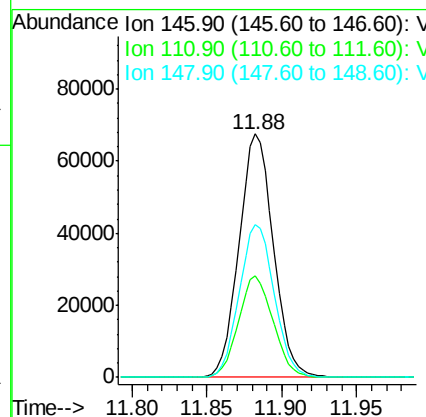
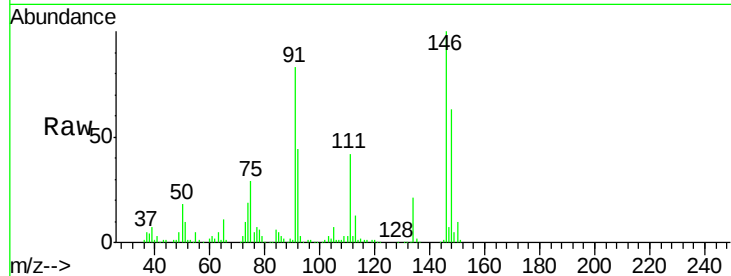
#91
 1,2-Dichlorobenzene
 Concen: 23.110 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025210.D
 Acq: 05 Jul 2018 12:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0705WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.5	61.6
148	63.8	31.9	95.7

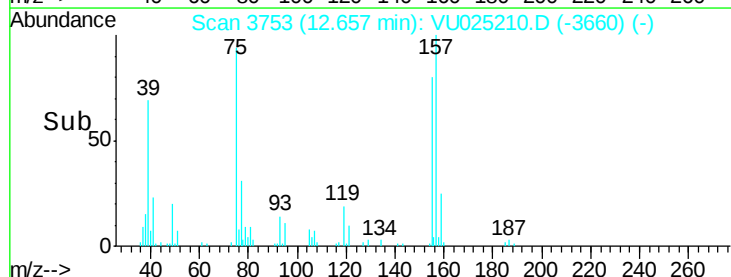
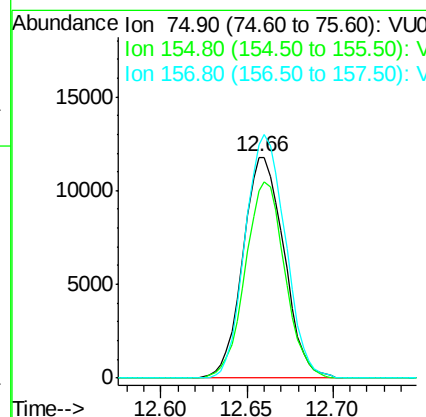
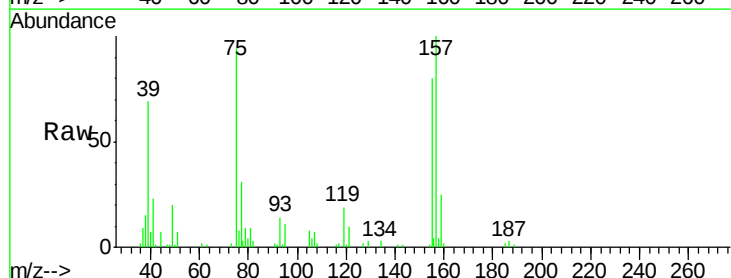
Manual Integrations
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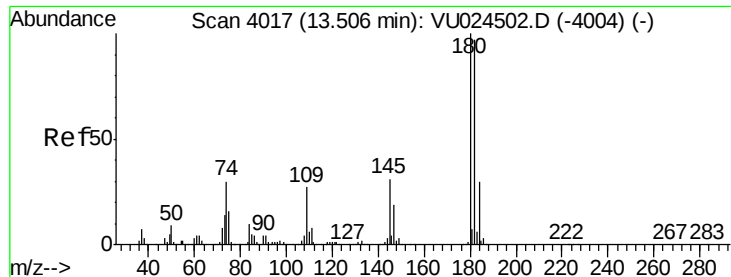
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.201 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU025210.D
 Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.6	40.4	121.2
157	107.8	52.3	156.8





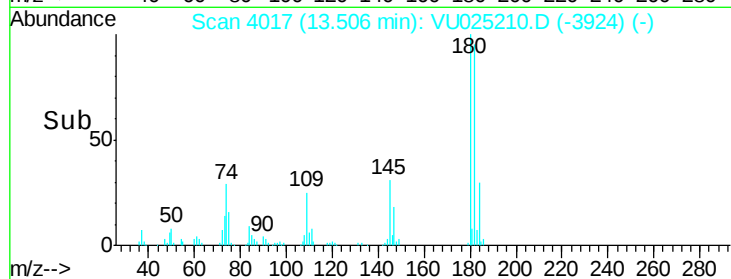
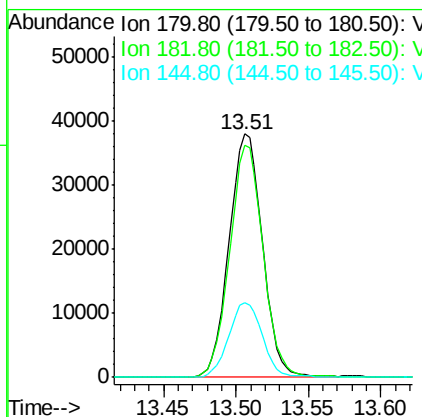
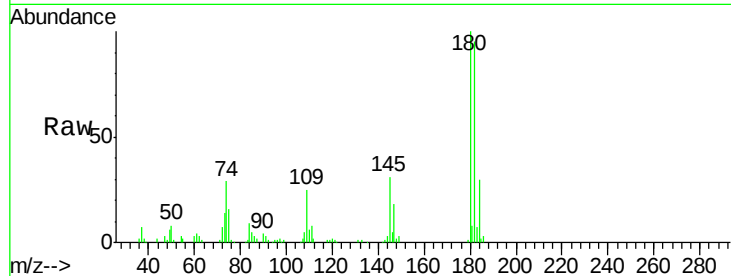
#93
 1,2,4-Trichlorobenzene
 Concen: 21.004 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025210.D
 Acq: 05 Jul 2018 12:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0705WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.0	144.2
145	30.7	14.7	44.1

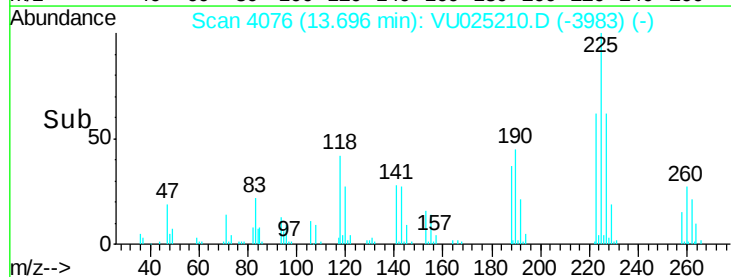
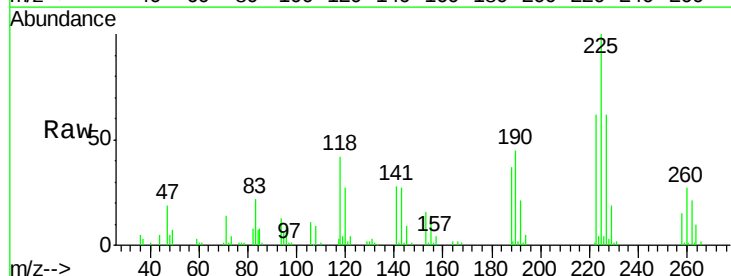
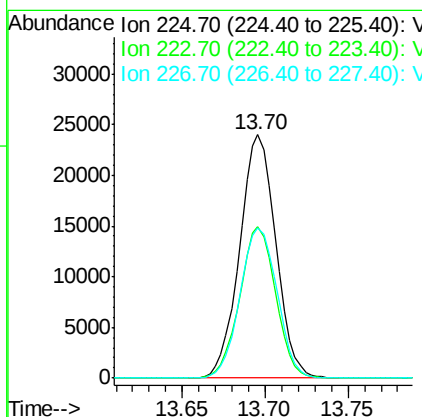
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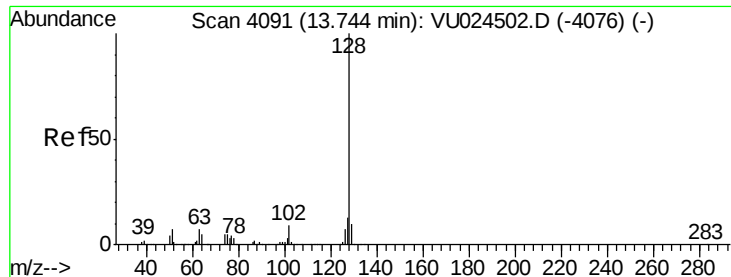
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#94
 Hexachlorobutadiene
 Concen: 22.447 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025210.D
 Acq: 05 Jul 2018 12:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.3	93.8
227	63.1	31.8	95.4





#95

Naphthalene

Concen: 21.399 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Instrument :

MSVOA_U

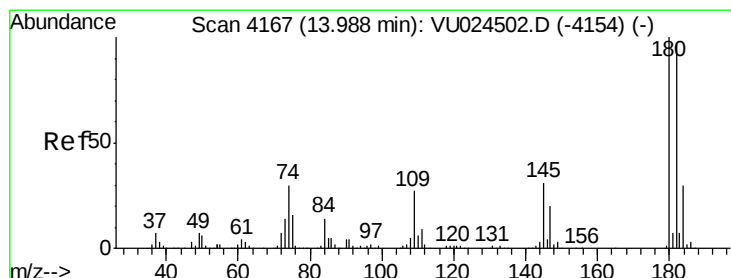
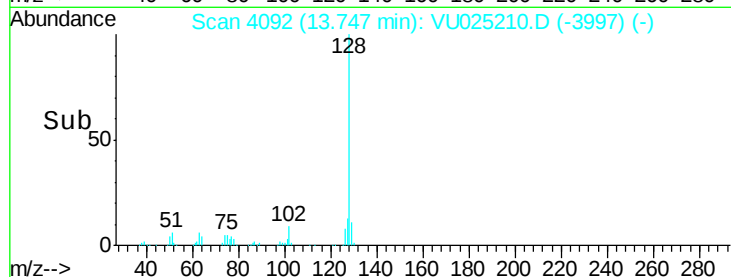
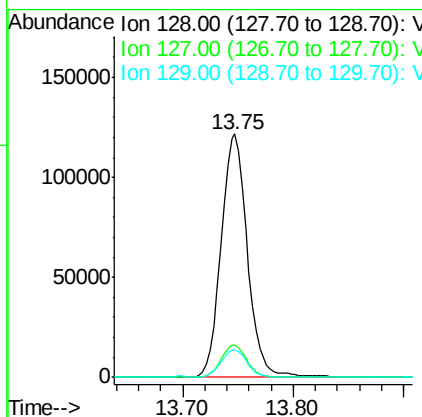
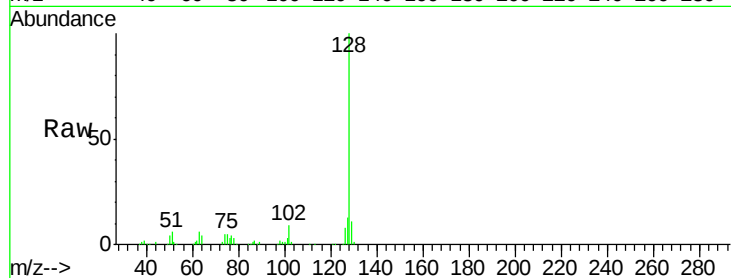
ClientSampleId :

VU0705WBS01

Tot Ion:	128	Resp:	200833
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	11.0	8.6	12.8

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#96

1,2,3-Trichlorobenzene

Concen: 23.336 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025210.D

Acq: 05 Jul 2018 12:59

Tgt Ion:	180	Resp:	67159
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.9	143.7
145	31.2	15.4	46.1

