

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025163.D
 Acq On : 03 Jul 2018 00:10
 Operator : MD/SY
 Sample : VU0702WBS03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS03

Manual Integrations
 APPROVED

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 7/3/2018 3:52:57 PM

Quant Time: Jul 03 06:52:50 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	159697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	246761	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	228142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	129587	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	126449	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
35) Dibromofluoromethane	4.89	113	103052	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	7.57	98	331580	44.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.78%	
62) 4-Bromofluorobenzene	10.31	95	137162	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	34266	17.14	ug/l	98
3) Chloromethane	1.33	50	37551	18.39	ug/l	98
4) Vinyl Chloride	1.40	62	41122	19.53	ug/l	100
5) Bromomethane	1.62	94	24546	24.11	ug/l	94
6) Chloroethane	1.70	64	27519	22.81	ug/l	98
7) Trichlorofluoromethane	1.89	101	67344	20.95	ug/l	97
8) Diethyl Ether	2.10	74	26609	23.32	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	39352	19.74	ug/l	97
10) Methyl Iodide	2.41	142	42129	27.61	ug/l	99
11) Tert butyl alcohol	2.82	59	72250	113.95	ug/l	99
12) 1,1-Dichloroethene	2.28	96	37213	20.46	ug/l	96
13) Acrolein	2.19	56	17329	52.04	ug/l	98
14) Allyl chloride	2.59	41	62183	18.42	ug/l	99
15) Acrylonitrile	2.94	53	137265	111.27	ug/l	98
16) Acetone	2.32	43	135354	96.63	ug/l	99
17) Carbon Disulfide	2.48	76	101180	17.38	ug/l	100
18) Methyl Acetate	2.62	43	85720	28.54	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	150049	21.95	ug/l	96
20) Methylene Chloride	2.71	84	50670	23.05	ug/l	91
21) trans-1,2-Dichloroethene	2.99	96	41459	20.70	ug/l	97
22) Diisopropyl ether	3.57	45	144050	21.52	ug/l	95
23) Vinyl Acetate	3.53	43	582190	97.10	ug/l	99
24) 1,1-Dichloroethane	3.45	63	81836	21.25	ug/l	99
25) 2-Butanone	4.26	43	202049	107.38	ug/l	96
26) 2,2-Dichloropropane	4.23	77	50232	13.74	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	49391	21.45	ug/l	96
28) Bromochloromethane	4.55	49	35686	21.04	ug/l	86
29) Tetrahydrofuran	4.64	42	127701	109.60	ug/l	97
30) Chloroform	4.68	83	85513	21.94	ug/l	100
31) Cyclohexane	5.00	56	72872	20.13	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	78471	21.77	ug/l	97
36) 1,1-Dichloropropene	5.14	75	59539	20.53	ug/l	98
37) Ethyl Acetate	4.38	43	71582	22.65	ug/l	99
38) Carbon Tetrachloride	5.14	117	67804	21.26	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	72299	19.98	ug/l	95
40) Benzene	5.39	78	178940	21.66	ug/l	98
41) Methacrylonitrile	4.54	41	40339	23.67	ug/l	98
42) 1,2-Dichloroethane	5.41	62	73850	23.47	ug/l	99
43) Isopropyl Acetate	5.55	43	115799	21.20	ug/l	99
44) Trichloroethene	6.19	130	48277	20.53	ug/l	99
45) 1,2-Dichloropropane	6.44	63	47978	21.76	ug/l	94
46) Dibromomethane	6.56	93	34071	22.00	ug/l	93
47) Bromodichloromethane	6.76	83	64141	20.80	ug/l	97
48) Methyl methacrylate	6.63	41	60204	22.63	ug/l	97
49) 1,4-Dioxane	6.61	88	28957	556.64	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	382719	111.51	ug/l	98
52) Toluene	7.64	92	113461	21.34	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	65148	18.81	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	69236	18.76	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	47062	21.78	ug/l	98
56) Ethyl methacrylate	8.02	69	74115	20.49	ug/l	97
57) 1,3-Dichloropropane	8.25	76	79548	21.82	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.13	63	129951	93.79	ug/l	96
59) 2-Hexanone	8.36	43	297831	106.29	ug/l	99
60) Dibromochloromethane	8.48	129	50727	18.83	ug/l	99
61) 1,2-Dibromoethane	8.59	107	52262	21.73	ug/l	100
64) Tetrachloroethene	8.23	164	50480	23.28	ug/l	97
65) Chlorobenzene	9.12	112	127037	21.80	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	49842	22.51	ug/l	98
67) Ethyl Benzene	9.25	91	221128	21.64	ug/l	97
68) m/p-Xylenes	9.38	106	172483	43.96	ug/l	97
69) o-Xylene	9.78	106	87614	22.56	ug/l	97
70) Styrene	9.80	104	132995	20.84	ug/l	99
71) Bromoform	9.96	173	39488	18.76	ug/l #	100
73) Isopropylbenzene	10.17	105	228679	22.98	ug/l	99
74) N-amyl acetate	10.01	43	97579	20.62	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	77894	23.36	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	65892m	23.10	ug/l	
77) Bromobenzene	10.45	156	58247	23.13	ug/l	94
78) n-propylbenzene	10.59	91	247251	21.10	ug/l	97
79) 2-Chlorotoluene	10.66	91	156381	22.63	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	195312	22.65	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	22061m	17.90	ug/l	
82) 4-Chlorotoluene	10.78	91	173783	21.60	ug/l	99
83) tert-Butylbenzene	11.10	119	191573	23.09	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	194136	22.09	ug/l	100
85) sec-Butylbenzene	11.33	105	227561	21.92	ug/l	99
86) p-Isopropyltoluene	11.48	119	195676	21.04	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	101599	21.83	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	100582	21.47	ug/l	99
89) n-Butylbenzene	11.89	91	149349	18.09	ug/l	97
90) Hexachloroethane	12.15	117	34698	19.13	ug/l	94
91) 1,2-Dichlorobenzene	11.88	146	106520	22.85	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20028	21.77	ug/l	98

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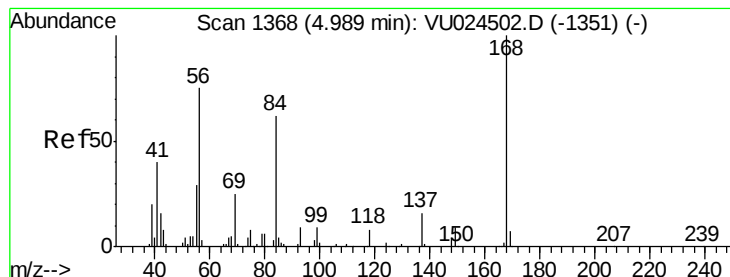
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	61584	21.40	ug/l	99
94) Hexachlorobutadiene	13.70	225	33967	20.97	ug/l	98
95) Naphthalene	13.75	128	213975	22.83	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	66679	23.25	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

Tot Ion:168 Resp: 159697

Ion Ratio Lower Upper

168 100

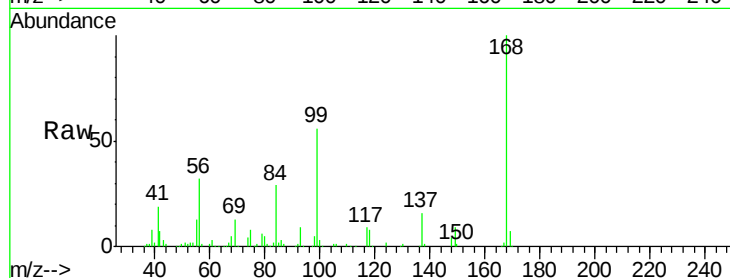
99 55.4 43.2 64.8

Manual Integrations

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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

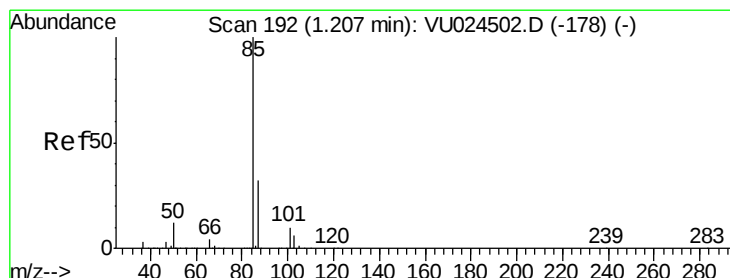
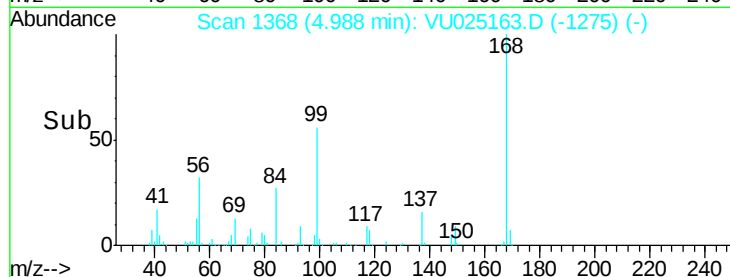
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.14 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025163.D

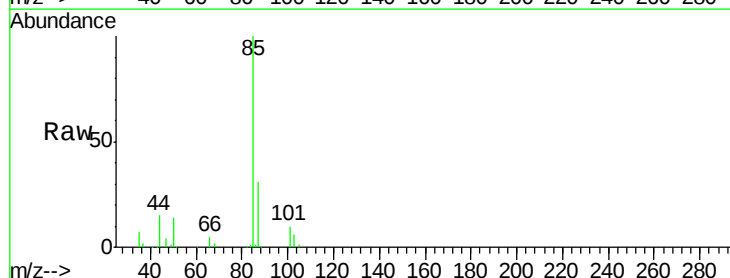
Acq: 03 Jul 2018 00:10

Tgt Ion: 85 Resp: 34266

Ion Ratio Lower Upper

85 100

87 31.3 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

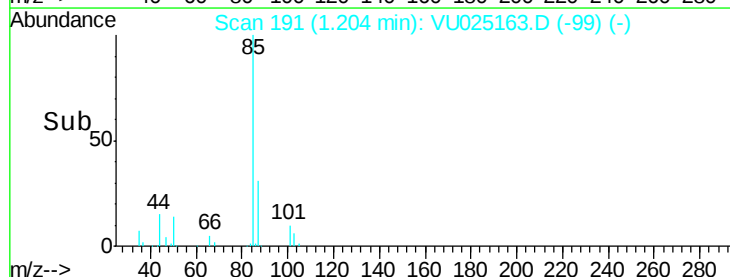
20000

10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.39 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

Tot Ion: 50 Resp: 37551

Ion Ratio Lower Upper

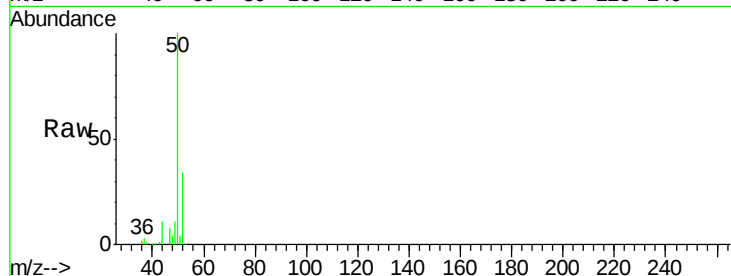
50 100

52 34.2 26.4 39.6

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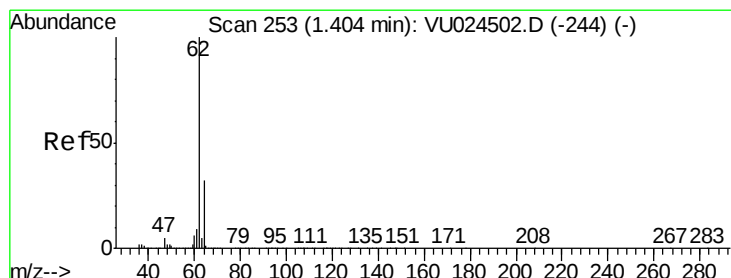
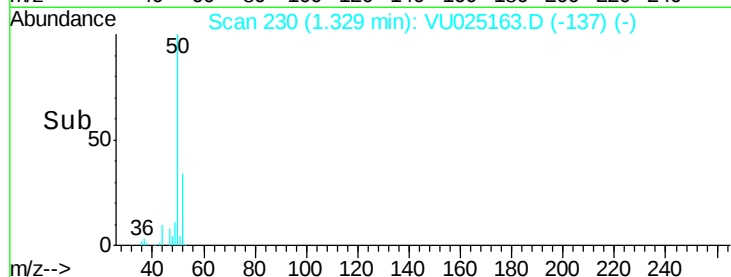
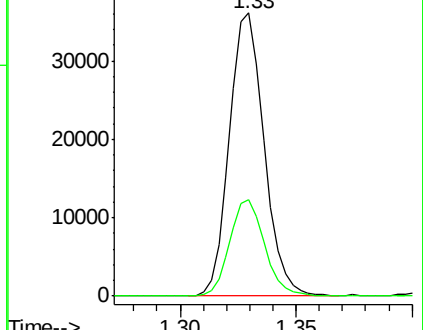
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Abundance Ion 49.90 (49.60 to 50.60): VU024502.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU024502.D (-221) (-)



#4

Vinyl Chloride

Concen: 19.53 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025163.D

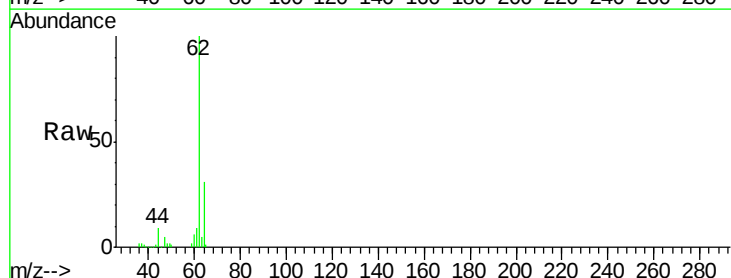
Acq: 03 Jul 2018 00:10

Tgt Ion: 62 Resp: 41122

Ion Ratio Lower Upper

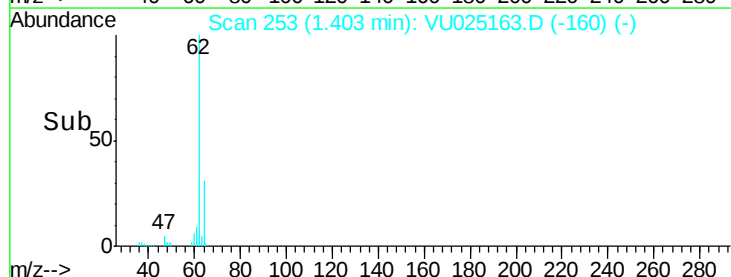
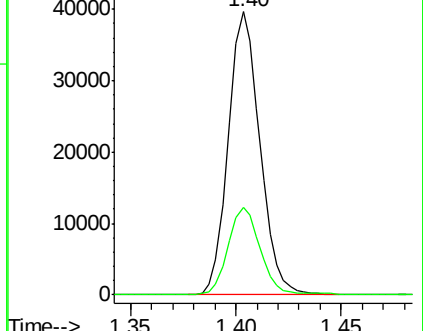
62 100

64 31.1 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU024502.D (-244) (-)





#5

Bromomethane

Concen: 24.11 ug/l

RT: 1.62 min Scan# 320

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

Tot Ion: 94 Resp: 24546

Ion Ratio Lower Upper

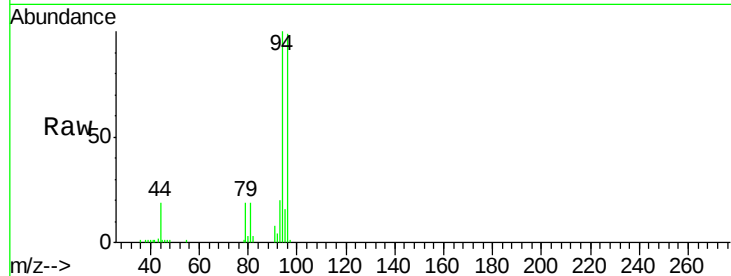
94 100

96 98.7 74.5 111.7

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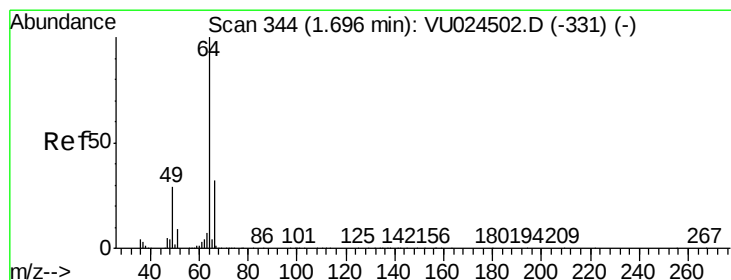
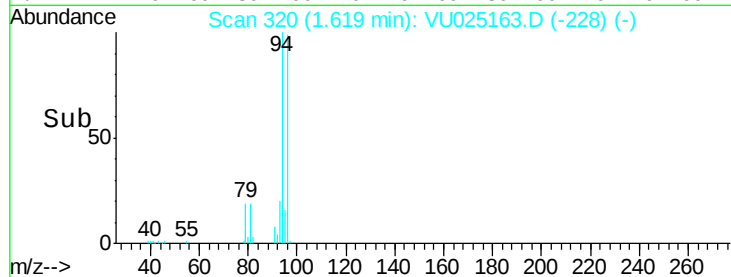
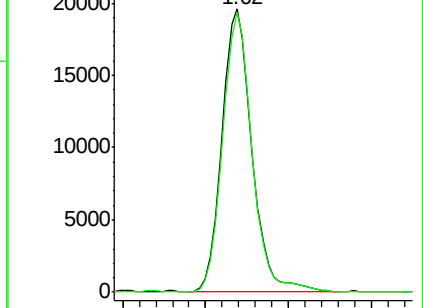
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Abundance Ion 93.90 (93.60 to 94.60): VU025163.D (-228) (-)

Ion 95.90 (95.60 to 96.60): VU025163.D (-228) (-)



#6

Chloroethane

Concen: 22.81 ug/l

RT: 1.70 min Scan# 344

Delta R.T. -0.00 min

Lab File: VU025163.D

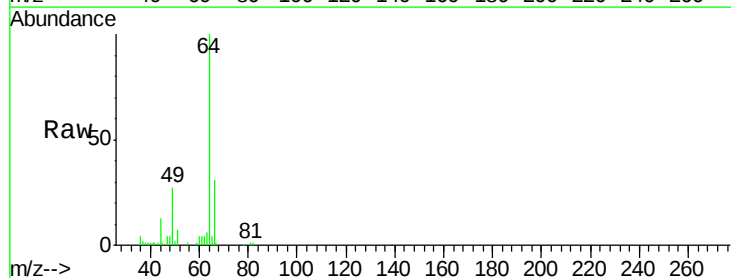
Acq: 03 Jul 2018 00:10

Tgt Ion: 64 Resp: 27519

Ion Ratio Lower Upper

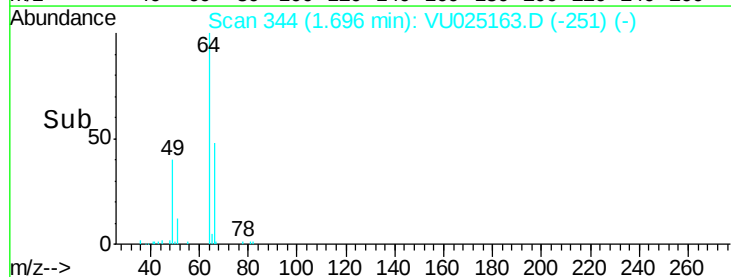
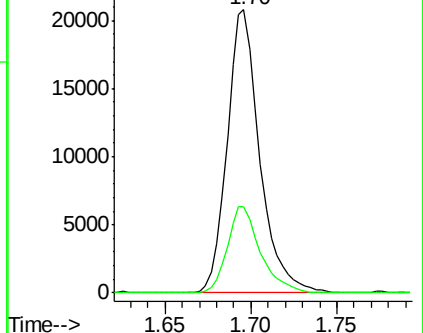
64 100

66 30.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU025163.D (-251) (-)

Ion 65.90 (65.60 to 66.60): VU025163.D (-251) (-)





#7

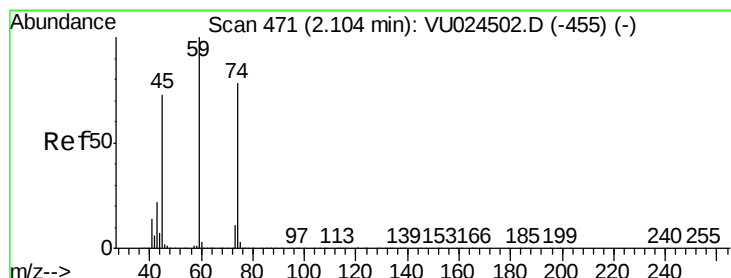
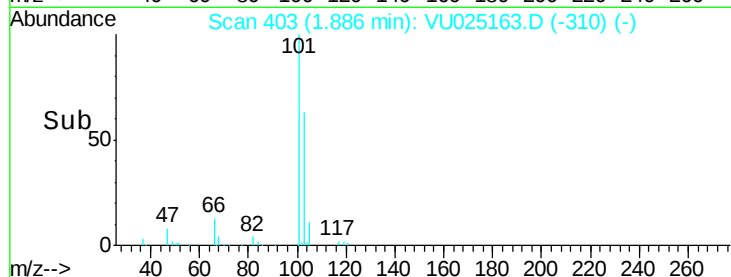
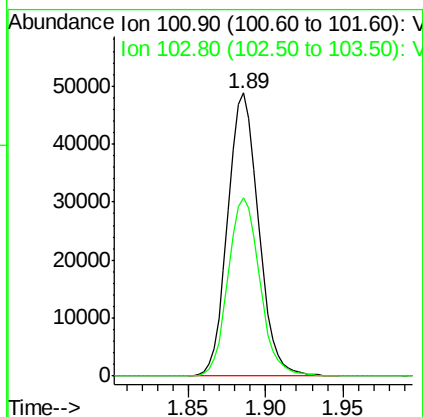
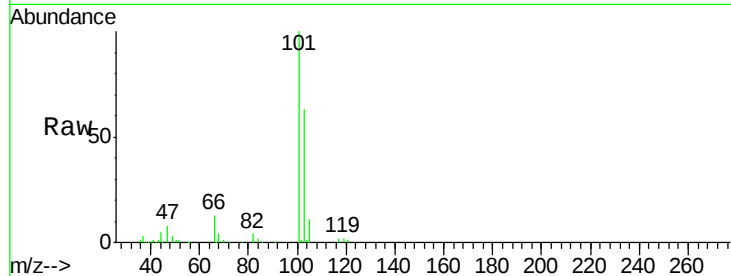
Trichlorofluoromethane
 Concen: 20.95 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

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 ClientSampleId :
 VU0702WBS03

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	52.3	78.5

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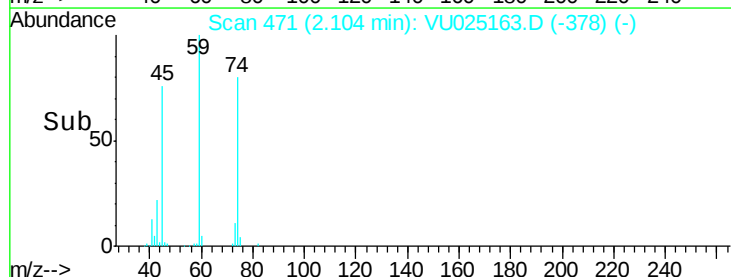
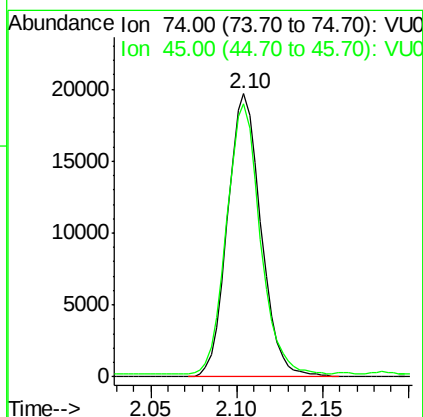
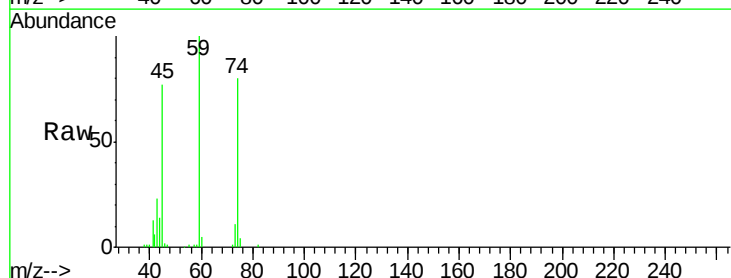
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#8

Diethyl Ether
 Concen: 23.32 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.6	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.74 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

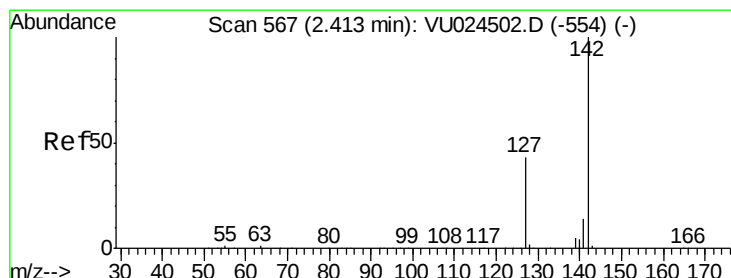
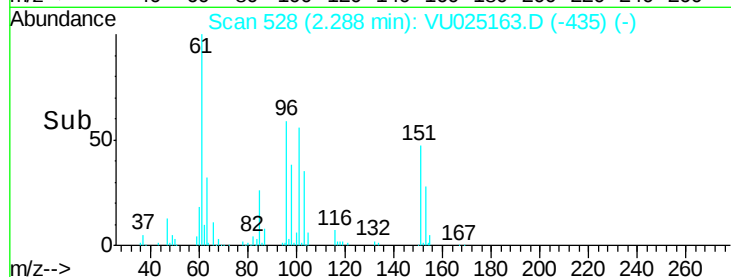
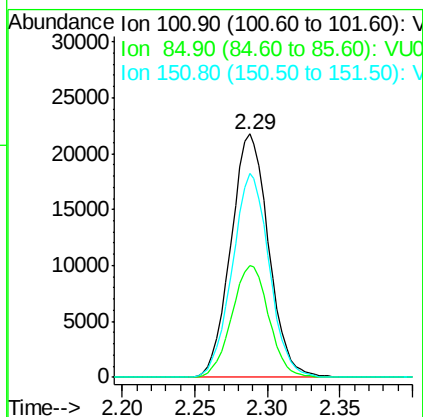
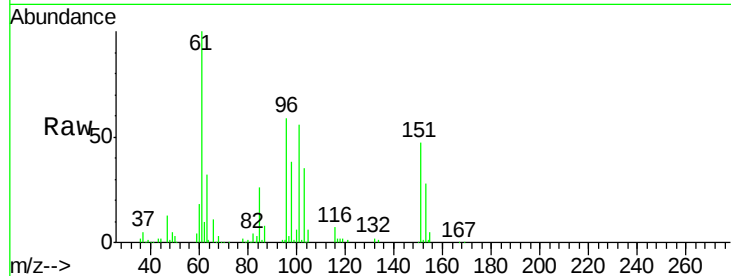
ClientSampleId :

VU0702WBS03

Tot Ion:	101	Resp:	39352
Ion Ratio	Lower	Upper	
101	100		
85	44.8	36.0	54.0
151	82.0	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 27.61 ug/l

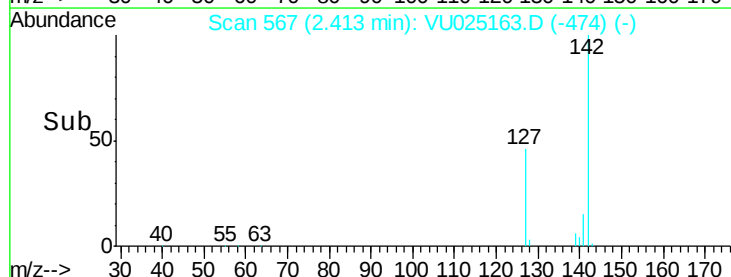
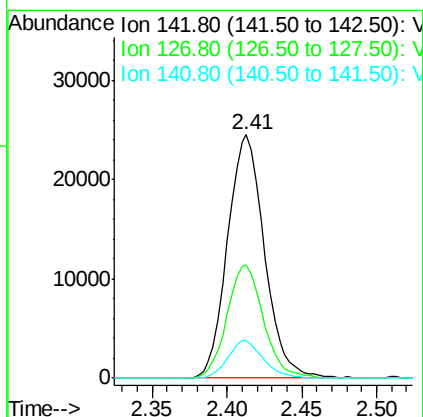
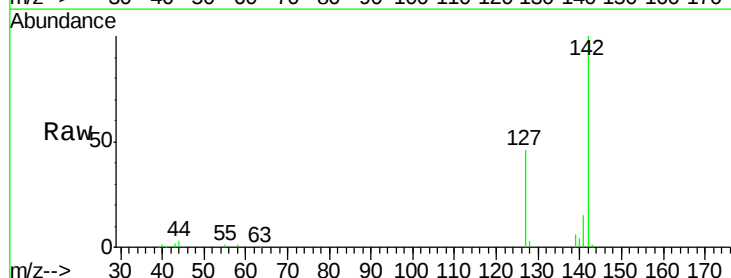
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Tgt Ion:	142	Resp:	42129
Ion Ratio	Lower	Upper	
142	100		
127	45.7	35.6	53.4
141	14.6	11.7	17.5





#11

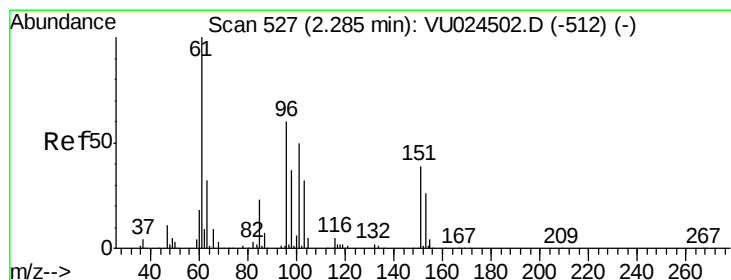
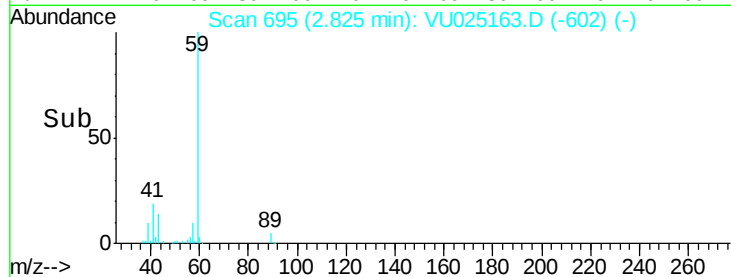
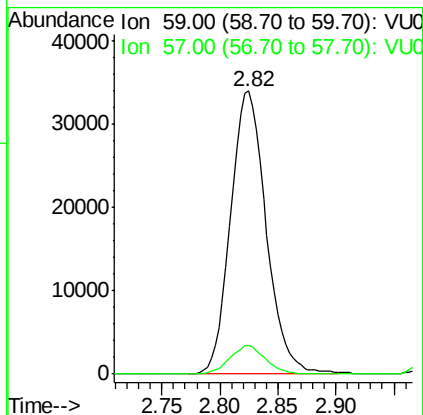
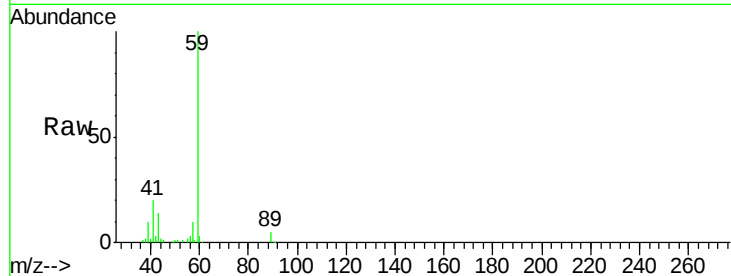
Tert butyl alcohol
Concen: 113.95 ug/l
RT: 2.82 min Scan# 695
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.5	12.7

Manual Integrations
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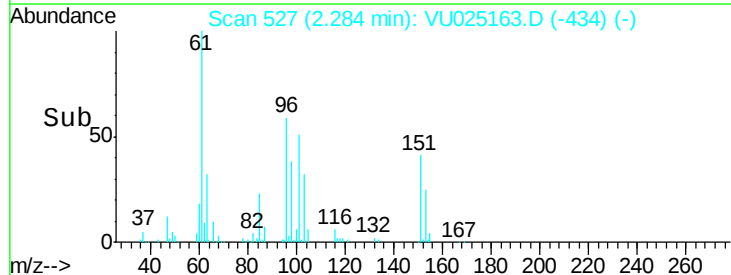
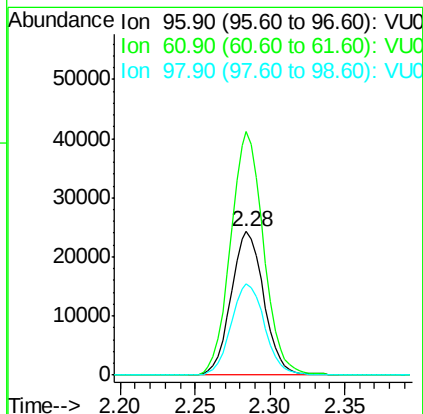
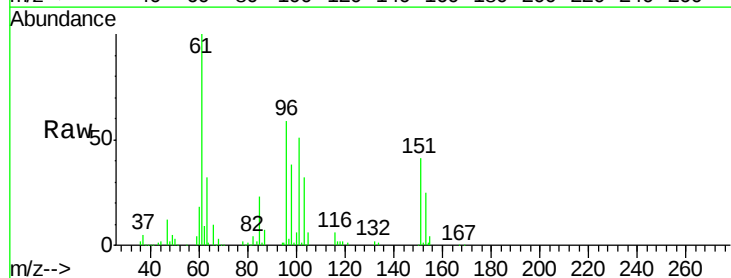
sam
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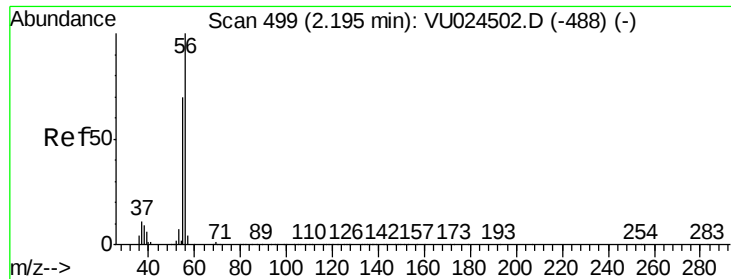


#12

1,1-Dichloroethene
Concen: 20.46 ug/l
RT: 2.28 min Scan# 527
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.5	141.7	212.5
98	63.9	51.6	77.4





#13

Acrolein

Concen: 52.04 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

Tot Ion: 56 Resp: 17329

Ion Ratio Lower Upper

56 100

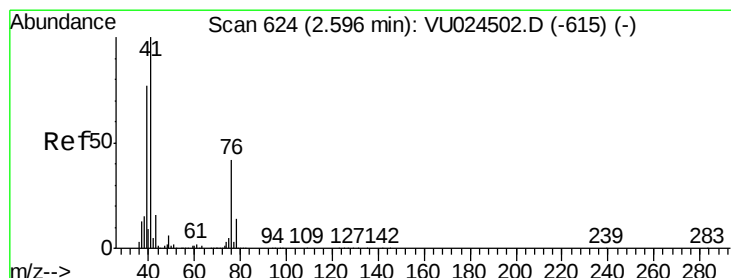
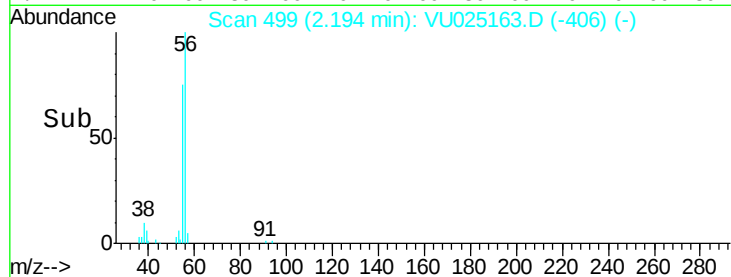
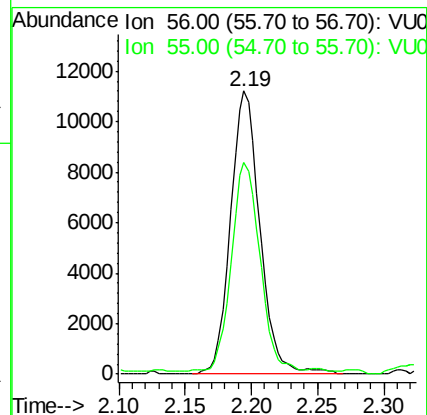
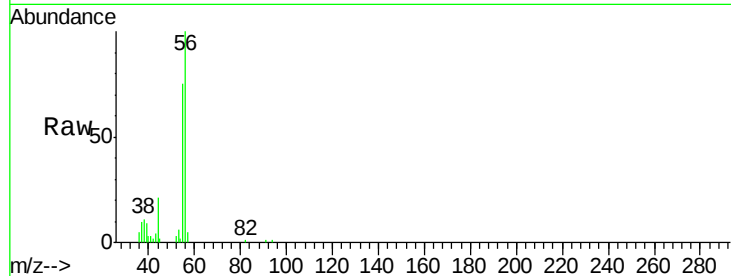
55 71.2 58.4 87.6

Manual Integrations

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#14

Allyl chloride

Concen: 18.42 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

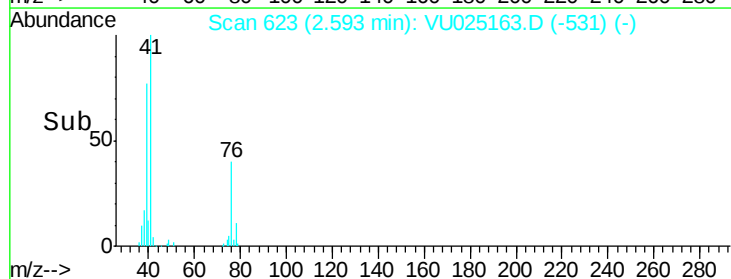
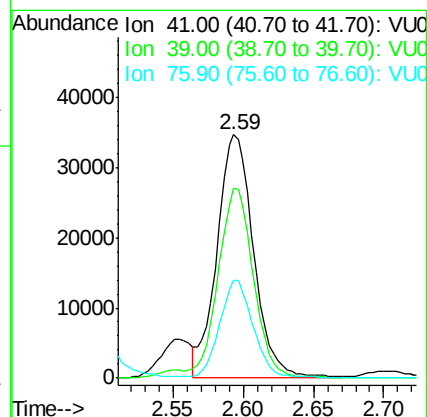
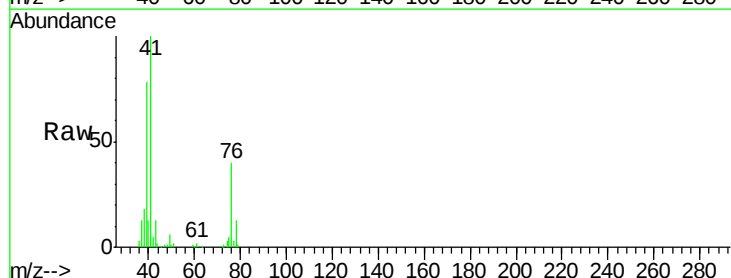
Tgt Ion: 41 Resp: 62183

Ion Ratio Lower Upper

41 100

39 76.0 61.6 92.4

76 37.2 29.7 44.5





#15

Acrylonitrile

Concen: 111.27 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

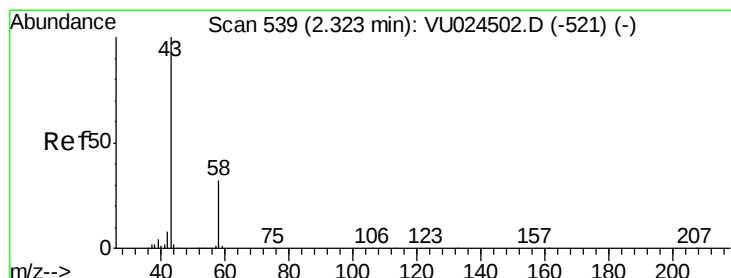
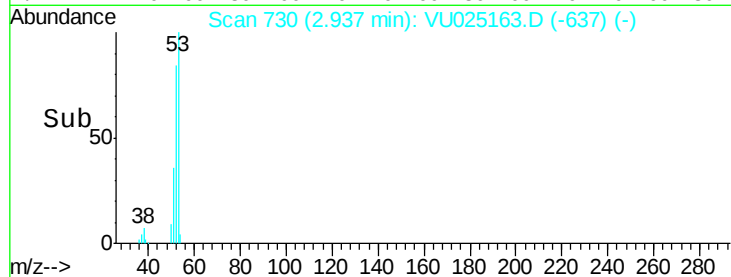
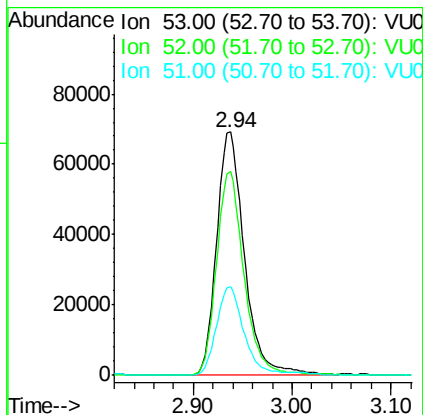
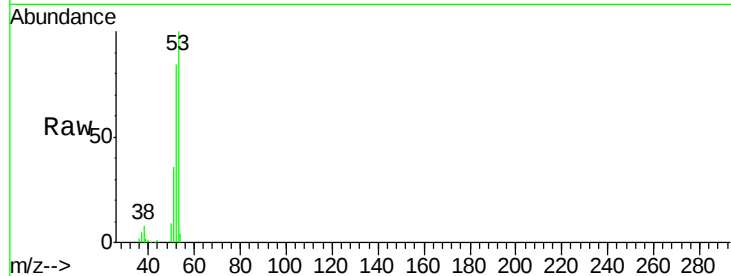
ClientSampleId :

VU0702WBS03

Tot Ion:	53	Resp:	137265
Ion	Ratio	Lower	Upper
53	100		
52	82.4	67.1	100.7
51	36.9	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 96.63 ug/l

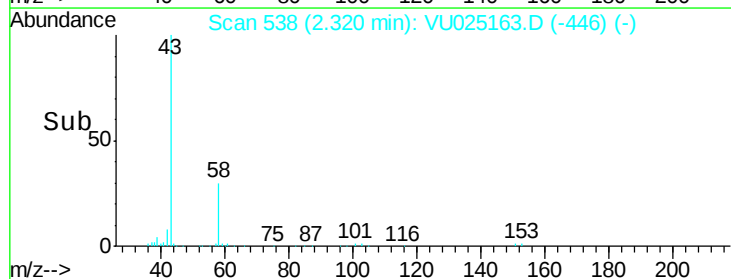
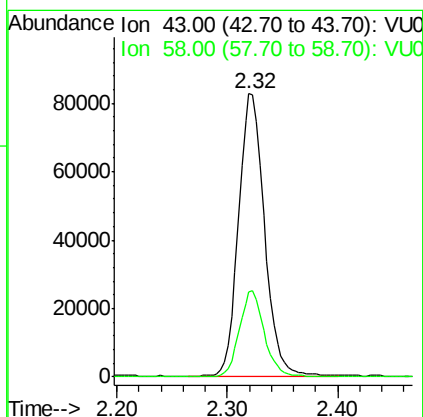
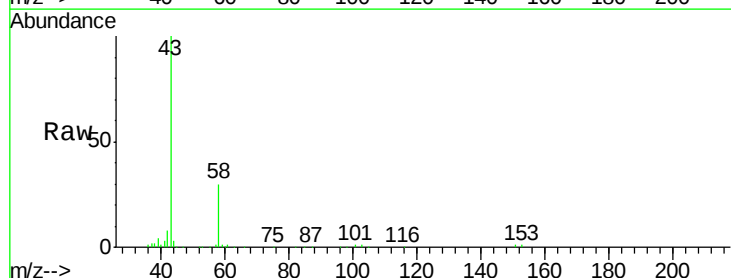
RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Tgt Ion:	43	Resp:	135354
Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.4	36.6





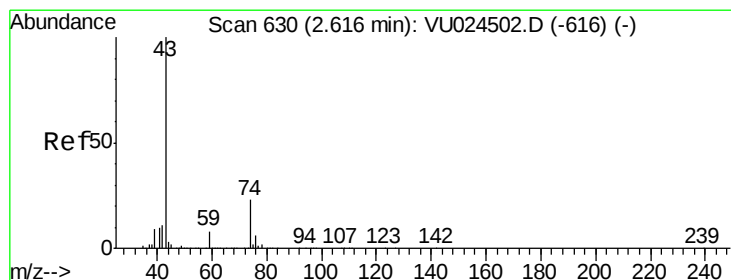
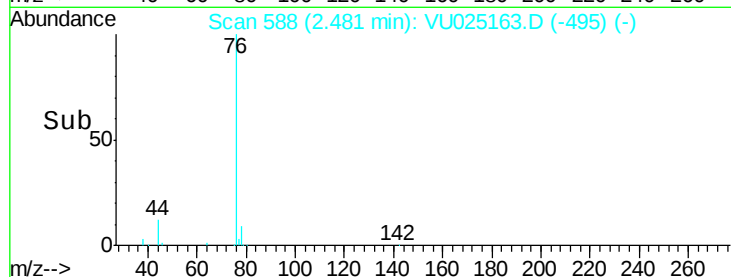
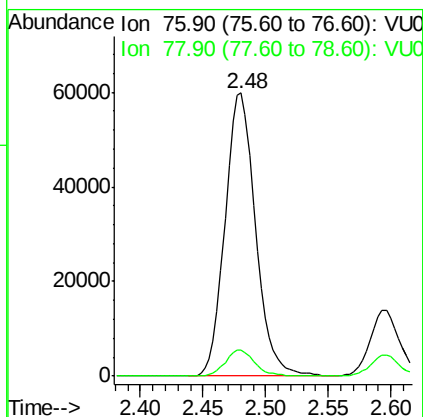
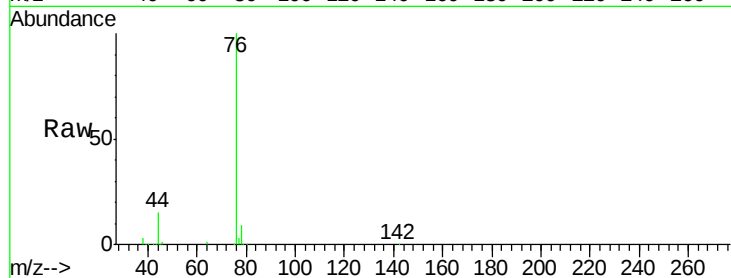
#17
Carbon Disulfide
Concen: 17.38 ug/l
RT: 2.48 min Scan# 588
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

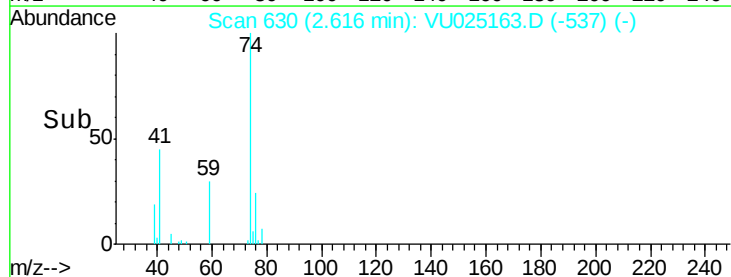
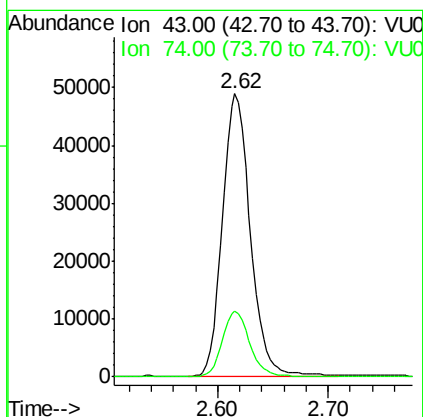
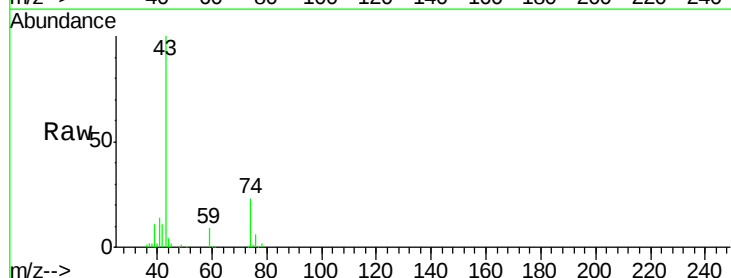
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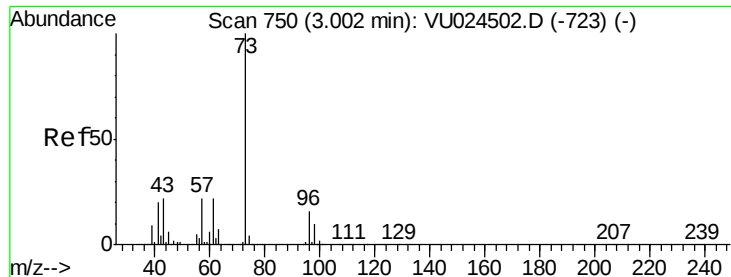
sam
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#18
Methyl Acetate
Concen: 28.54 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	18.0	27.0





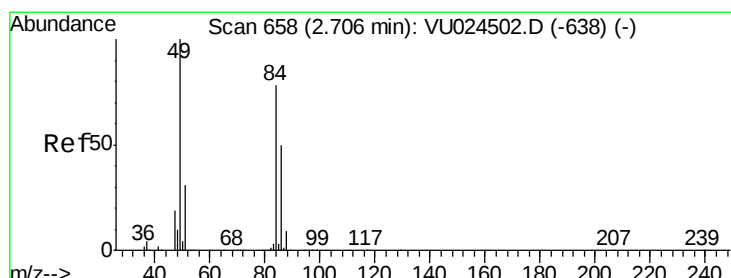
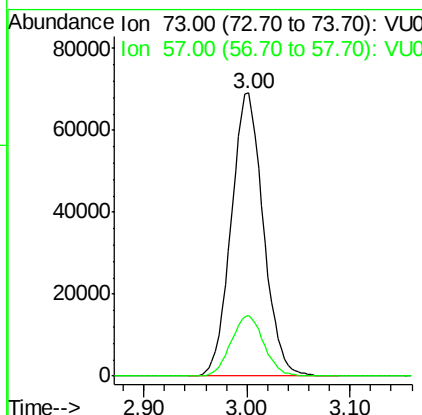
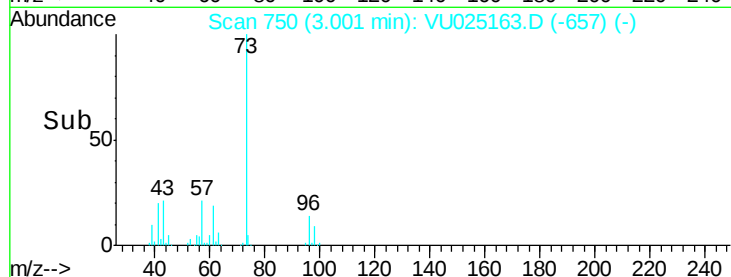
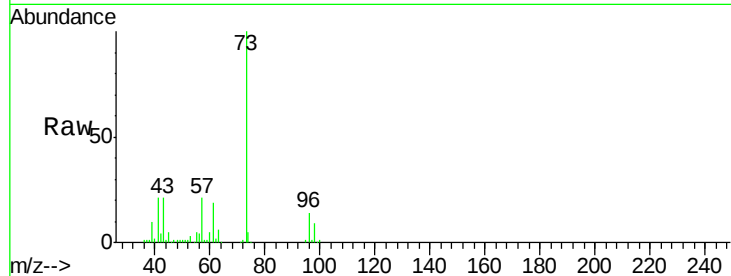
#19
Methyl tert-butyl Ether
Concen: 21.95 ug/l
RT: 3.00 min Scan# 750
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	18.8	28.2

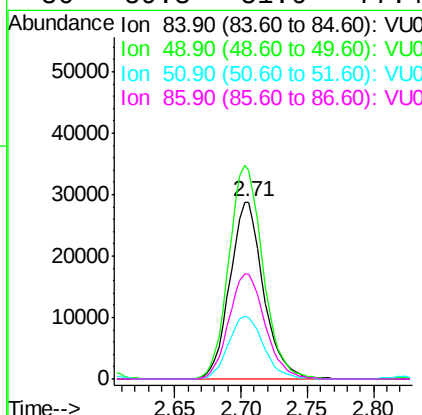
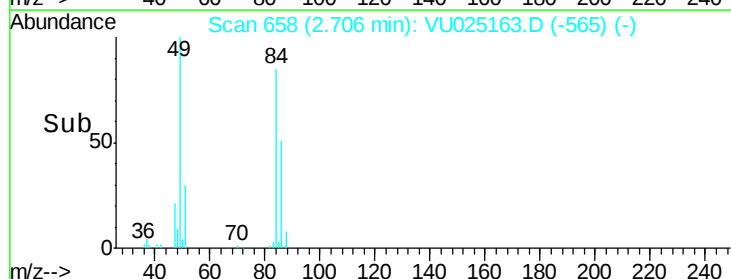
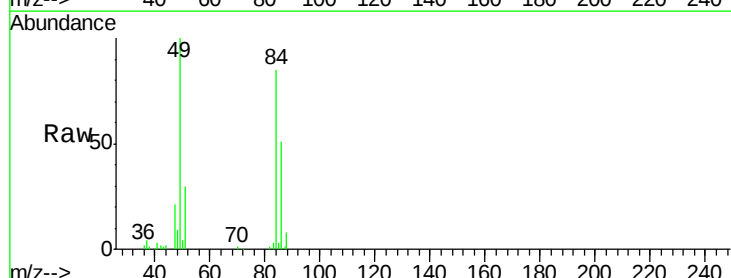
Manual Integrations
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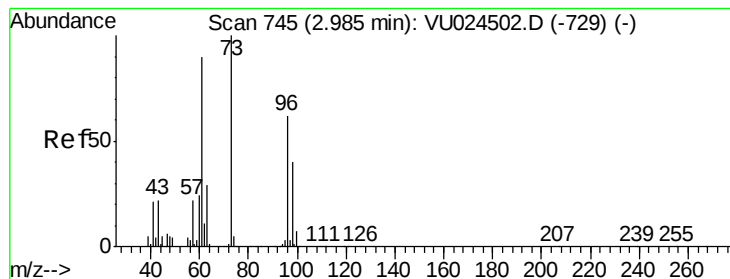
sam
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#20
Methylene Chloride
Concen: 23.05 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.5	103.8	155.8
51	35.0	32.0	48.0
86	59.3	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 20.70 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

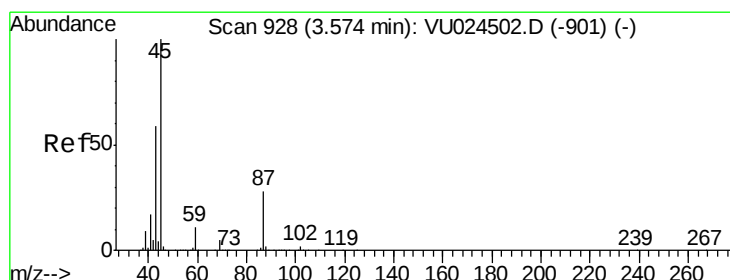
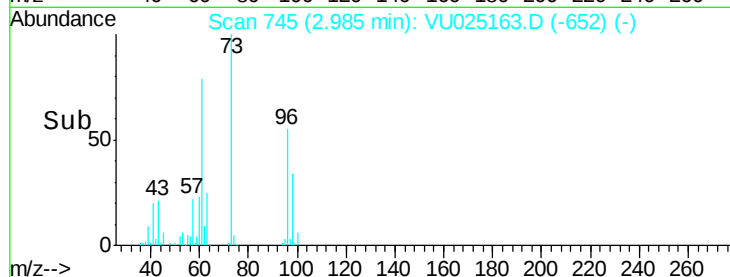
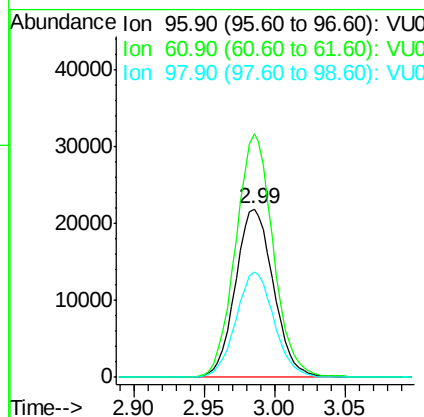
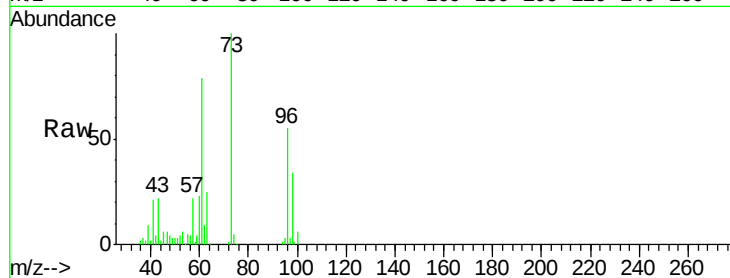
ClientSampleId :

VU0702WBS03

Tot Ion:	96	Resp:	41459
Ion	Ratio	Lower	Upper
96	100		
61	144.6	119.4	179.0
98	62.9	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.52 ug/l

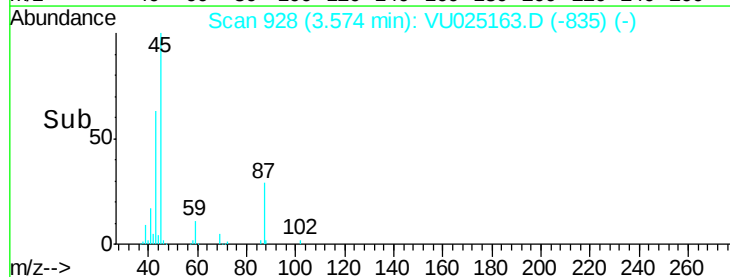
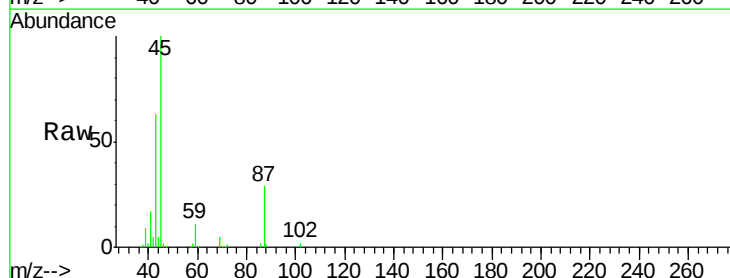
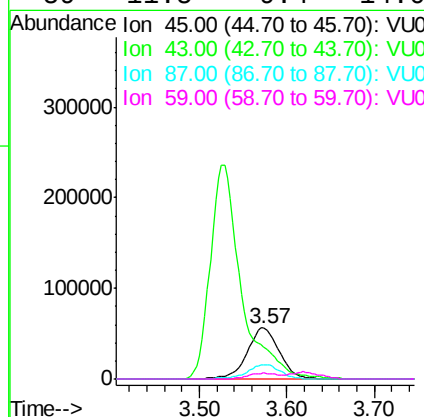
RT: 3.57 min Scan# 928

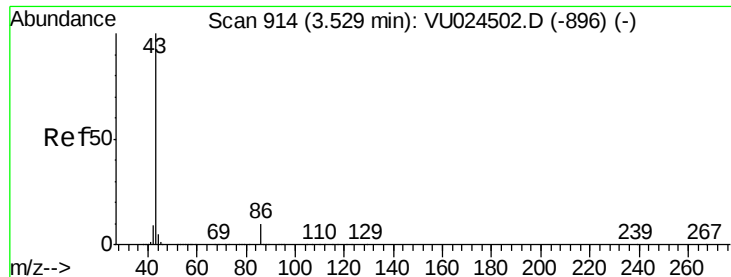
Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Tgt Ion:	45	Resp:	144050
Ion	Ratio	Lower	Upper
45	100		
43	61.8	45.8	68.6
87	28.5	20.6	31.0
59	11.5	9.4	14.0





#23

Vinyl Acetate

Concen: 97.10 ug/l

RT: 3.53 min Scan# 914

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

Tot Ion: 43 Resp: 582190

Ion Ratio Lower Upper

43 100

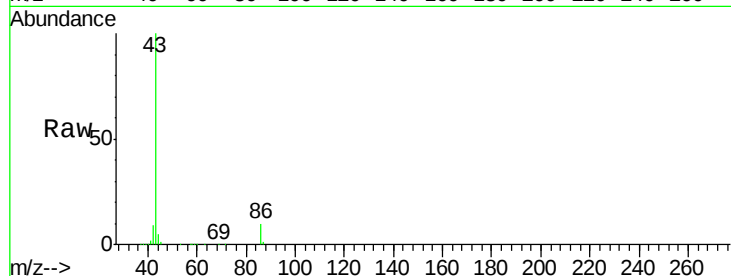
86 10.3 7.8 11.8

Manual Integrations

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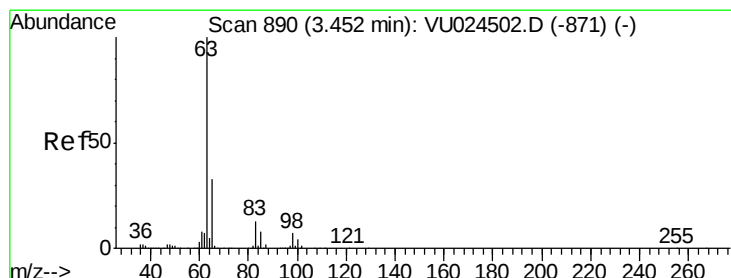
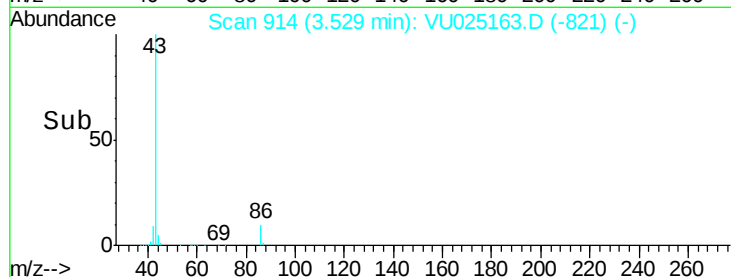
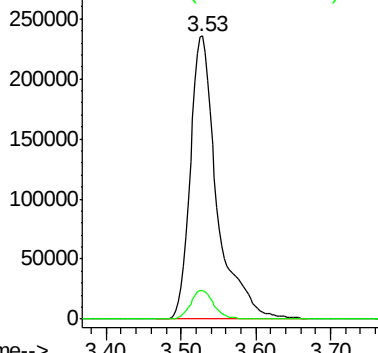
sam

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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: 21.25 ug/l

RT: 3.45 min Scan# 890

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

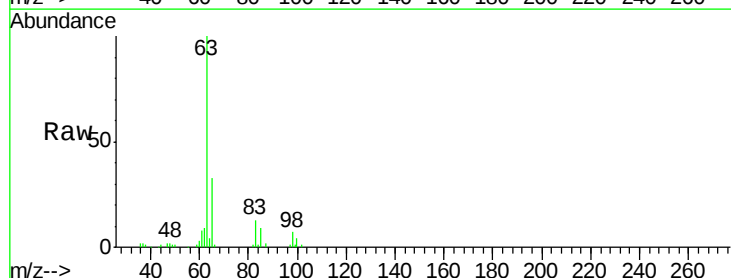
Tgt Ion: 63 Resp: 81836

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

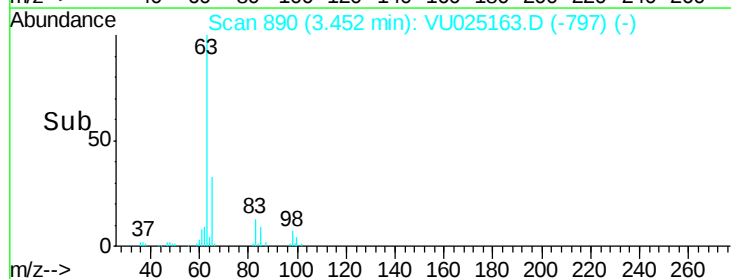
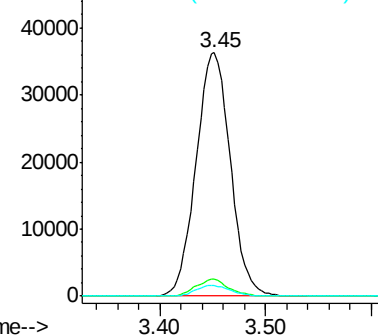
100 4.2 1.8 5.5



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





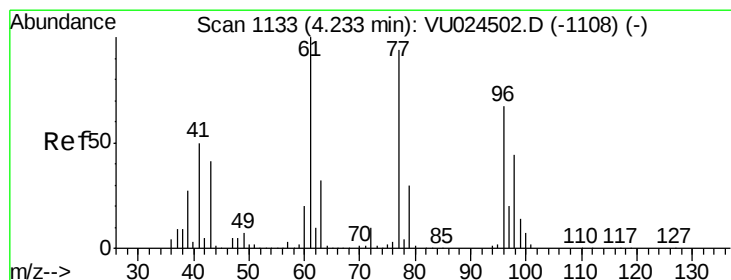
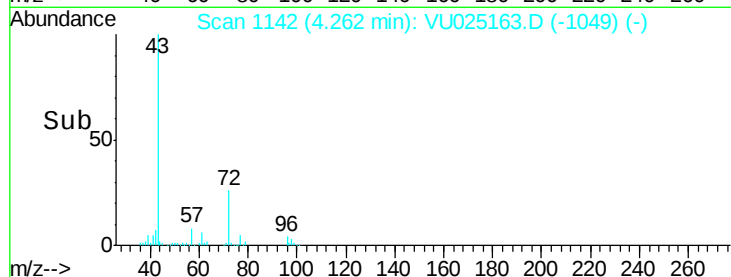
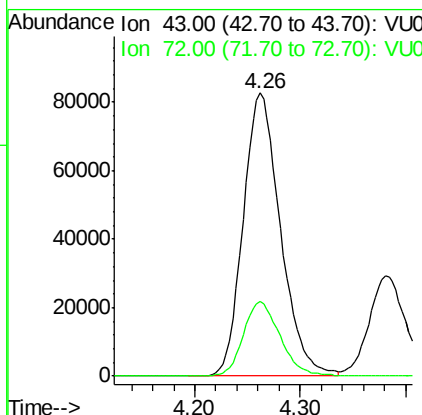
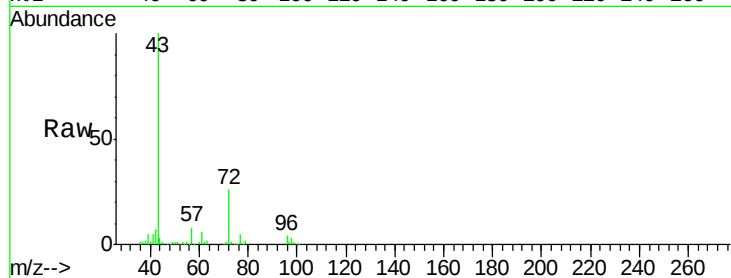
#25
2-Butanone
Concen: 107.38 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

Tot Ion	43	Resp	202049
Ion Ratio	100	Lower	Upper
72	26.4	19.6	29.4

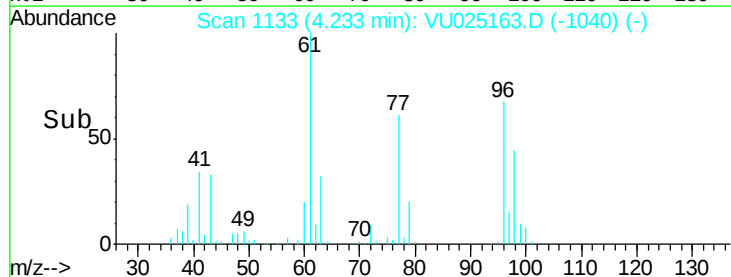
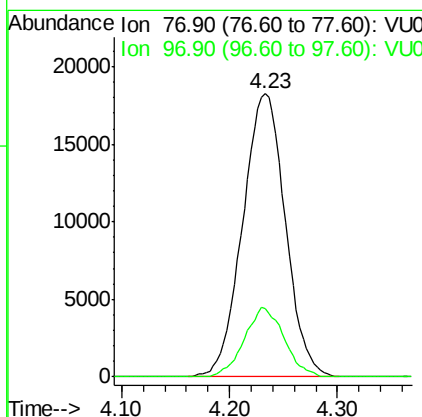
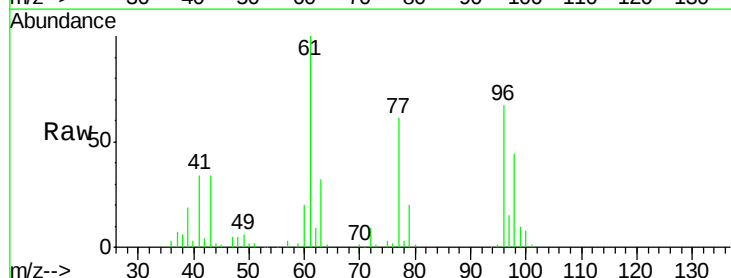
Manual Integrations
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#26
2,2-Dichloropropane
Concen: 13.74 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion	77	Resp	50232
Ion Ratio	100	Lower	Upper
97	22.8	11.3	33.8





#27

cis-1,2-Dichloroethene

Concen: 21.45 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

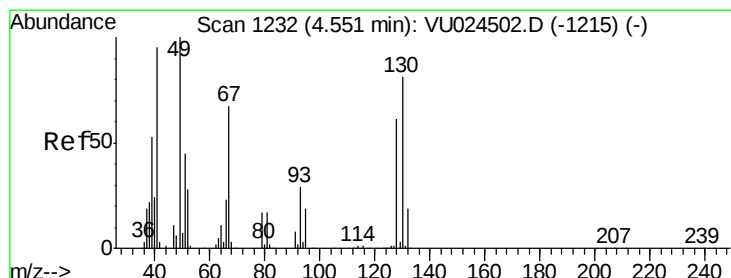
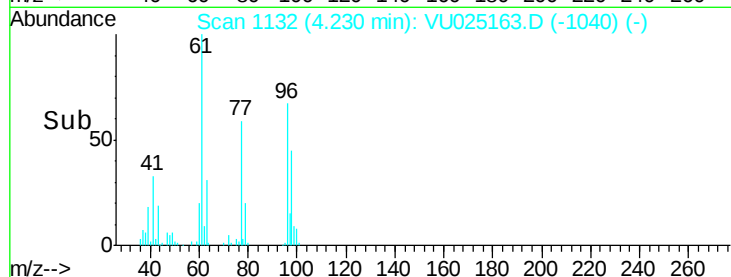
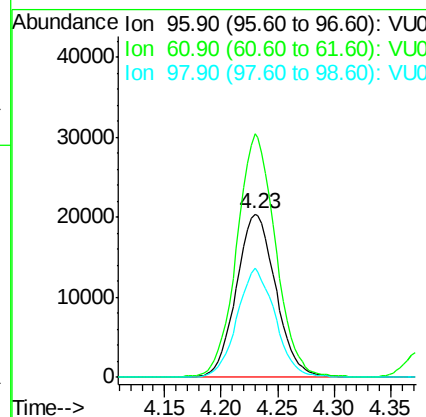
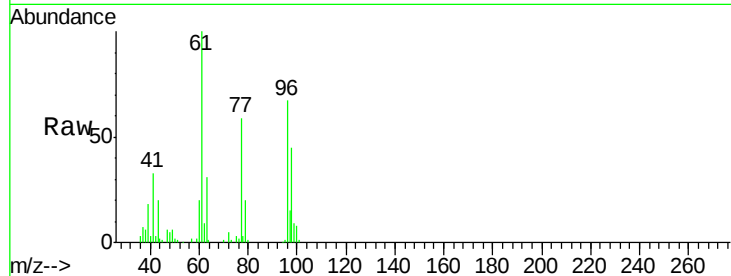
ClientSampleId :

VU0702WBS03

Tot Ion:	96	Resp:	49391
Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	306.6
98	64.8	0.0	128.8

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#28

Bromochloromethane

Concen: 21.04 ug/l

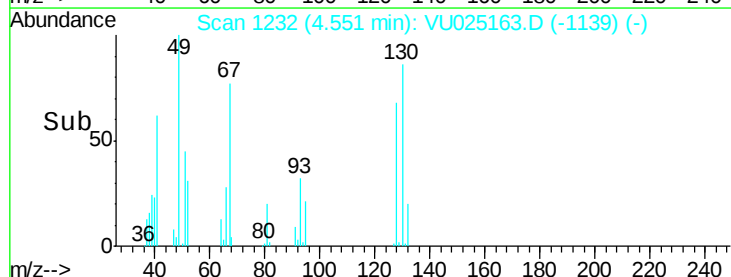
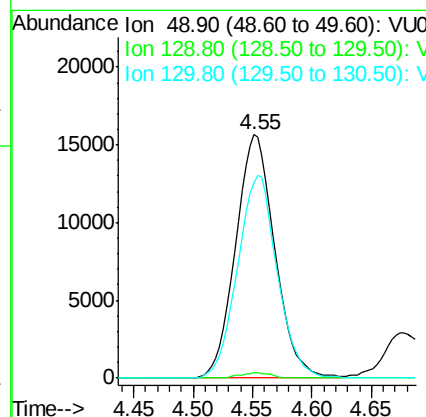
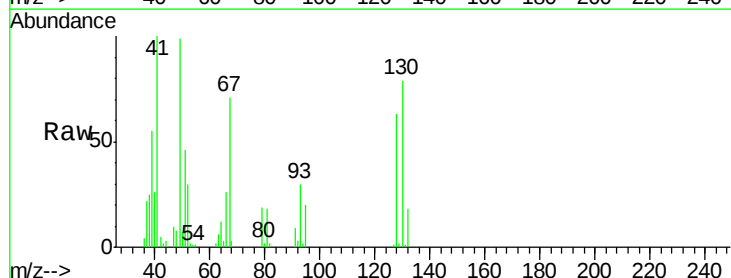
RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Tgt Ion:	49	Resp:	35686
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	84.1	57.8	86.6





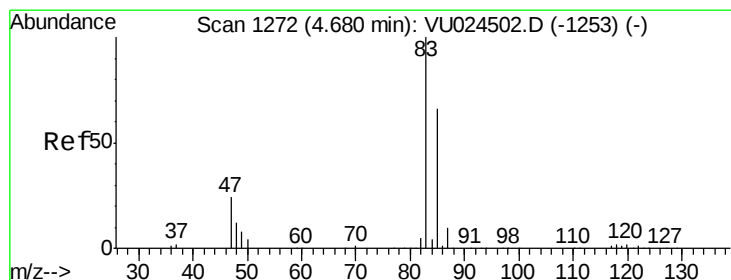
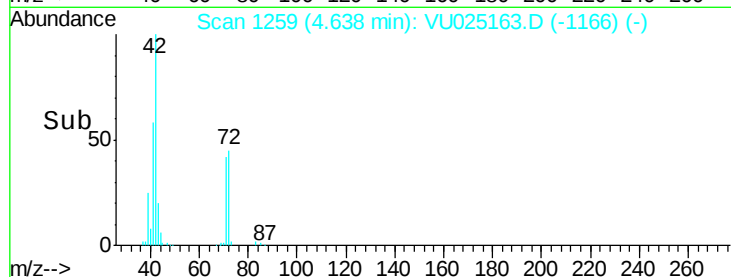
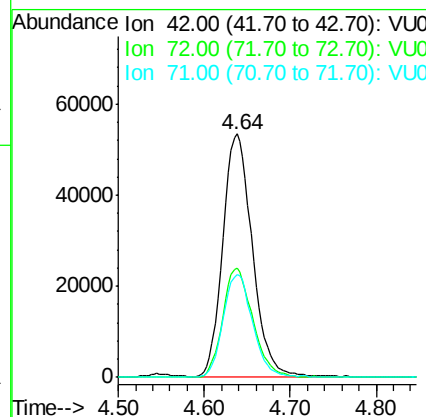
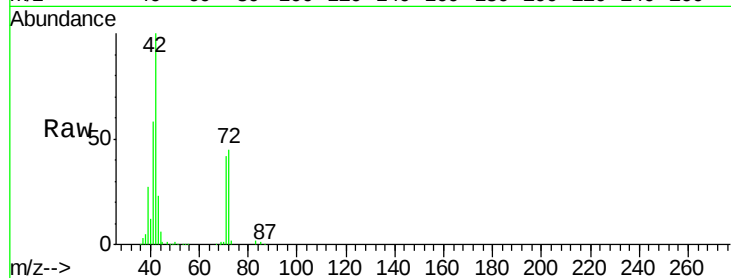
#29
Tetrahydrofuran
Concen: 109.60 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	34.5	51.7
71	42.2	32.2	48.4

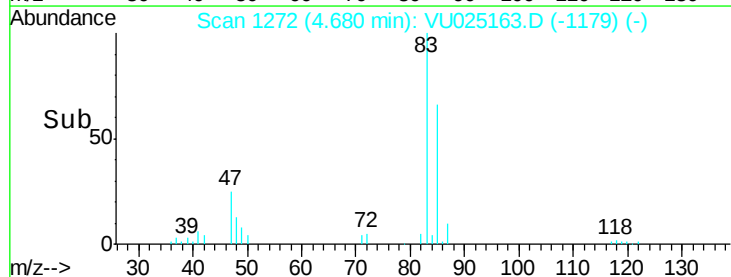
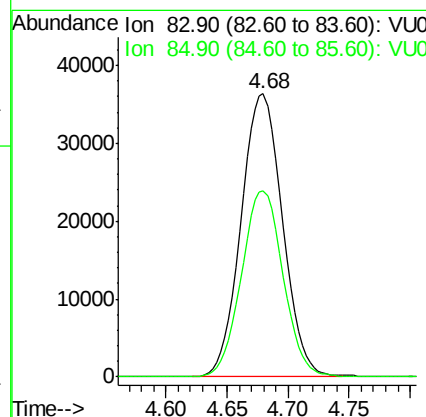
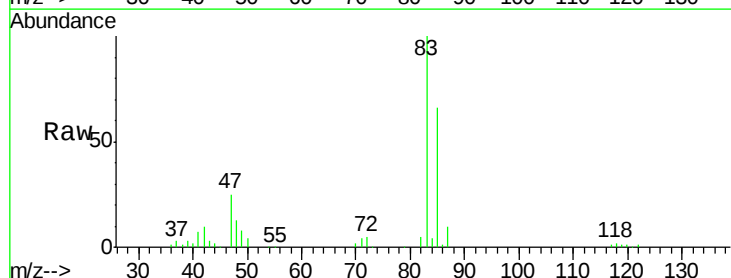
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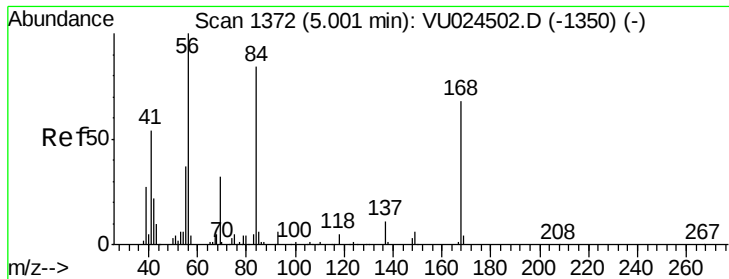
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#30
Chloroform
Concen: 21.94 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.4	78.6





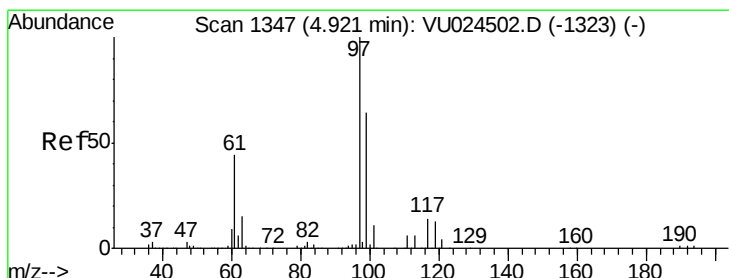
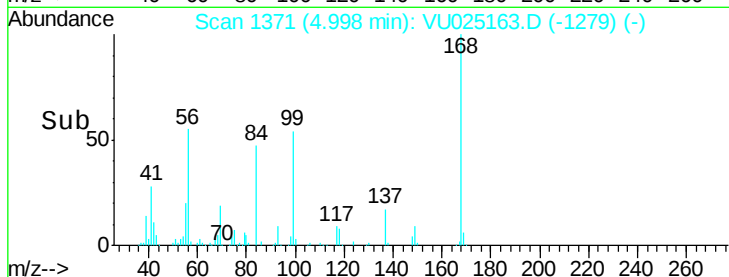
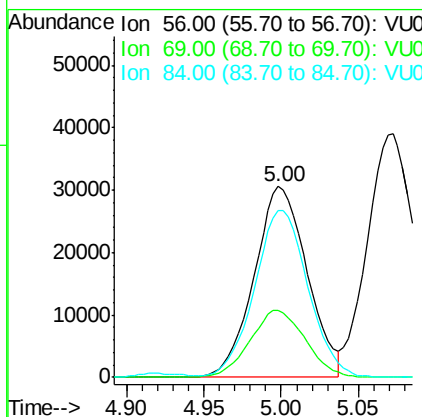
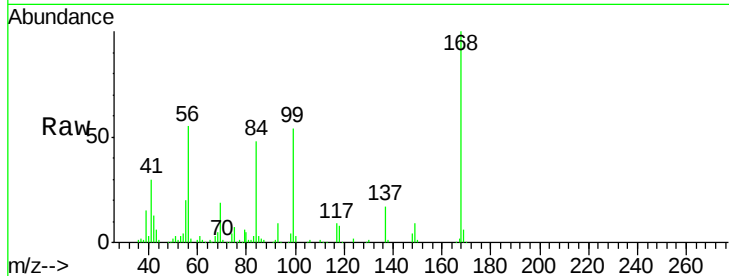
#31
Cyclohexane
Concen: 20.13 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.4	24.8	37.2
84	86.2	65.2	97.8

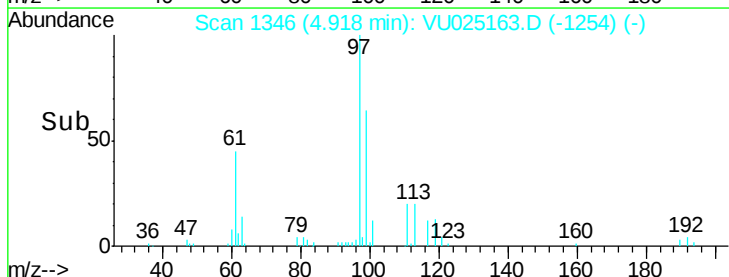
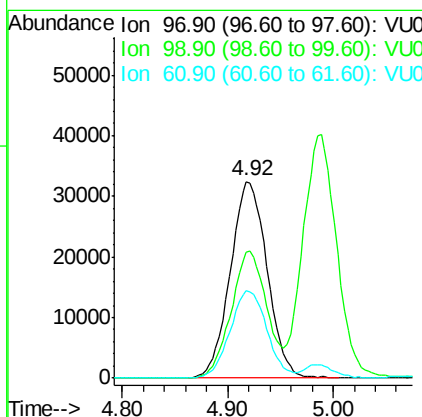
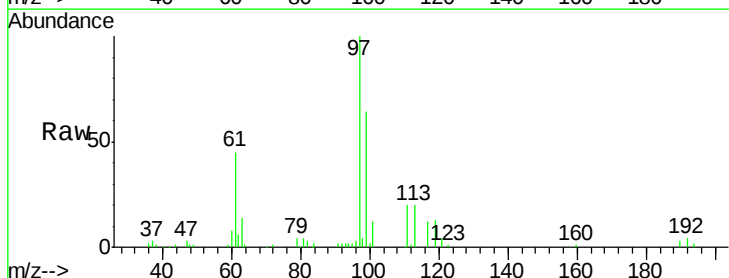
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#32
1,1,1-Trichloroethane
Concen: 21.77 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.0	76.6
61	44.7	39.4	59.0





#33

1,2-Dichloroethane-d4

Concen: 48.50 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

Tot Ion: 65 Resp: 126449

Ion Ratio Lower Upper

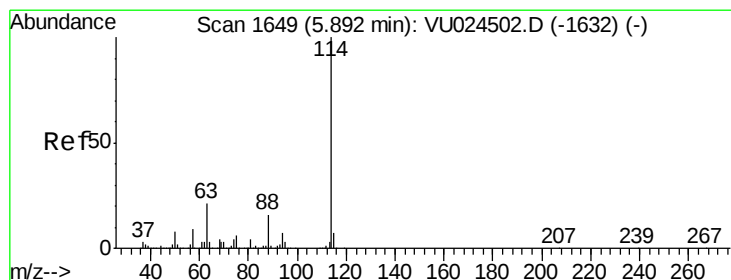
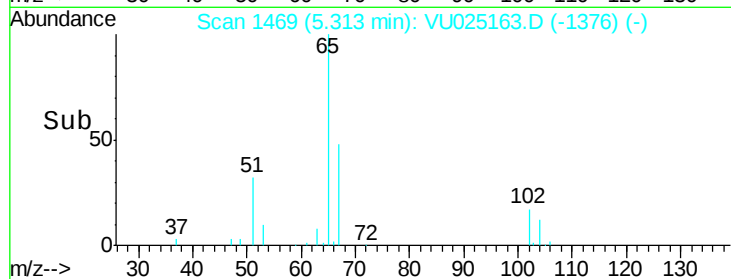
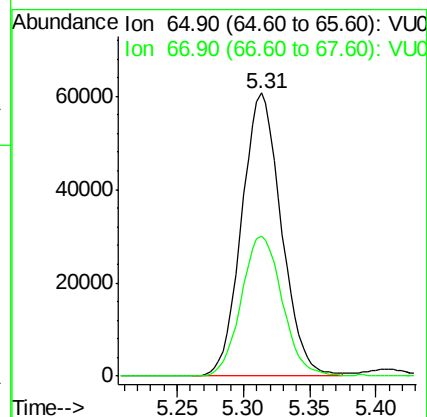
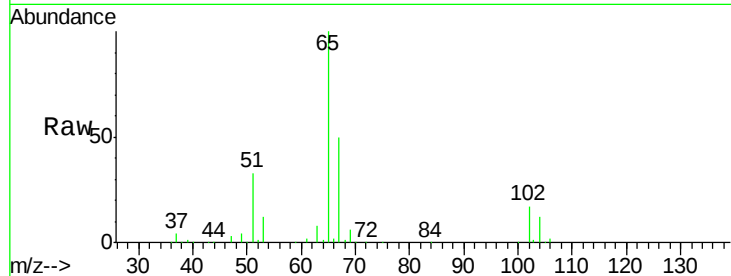
65 100

67 51.0 0.0 107.0

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

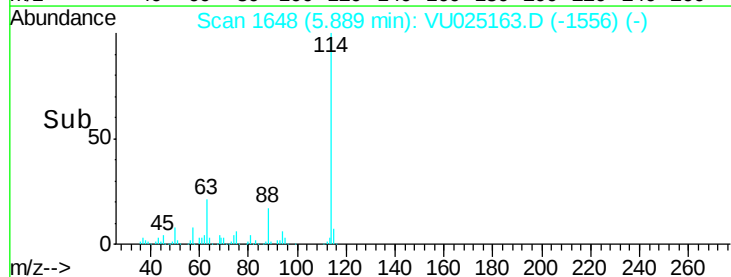
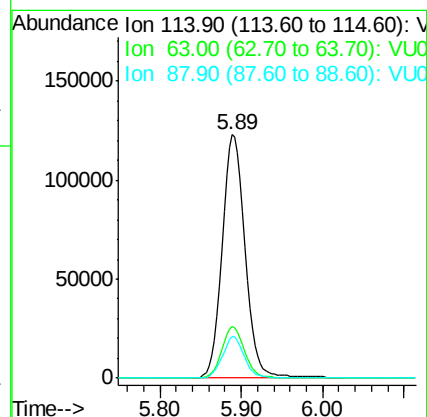
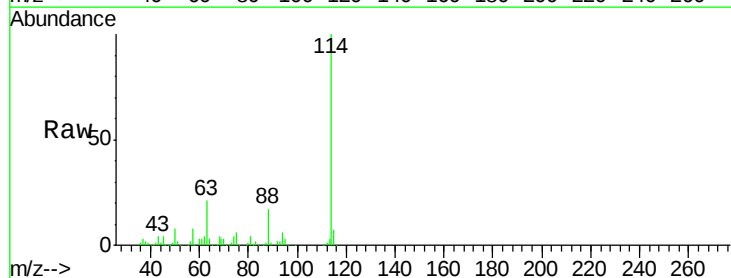
Tgt Ion: 114 Resp: 246761

Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.4

88 17.0 0.0 31.0





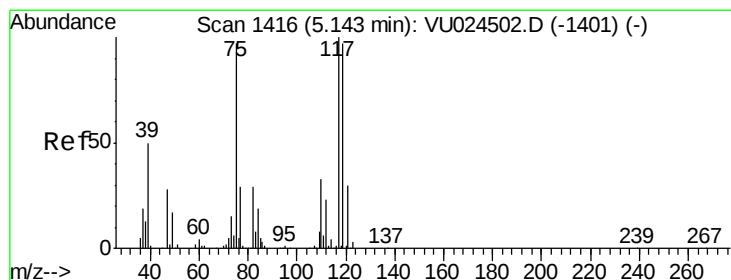
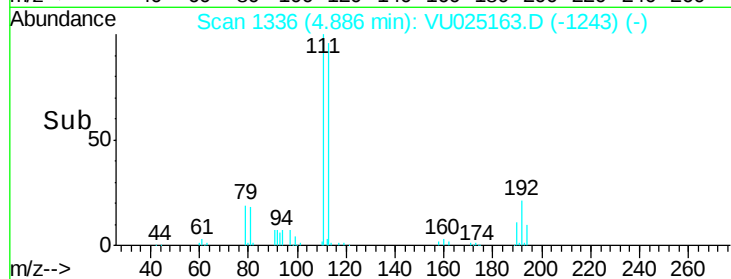
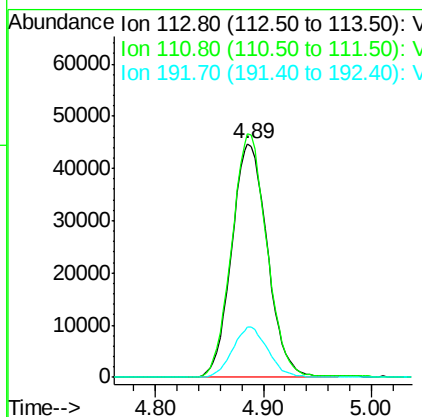
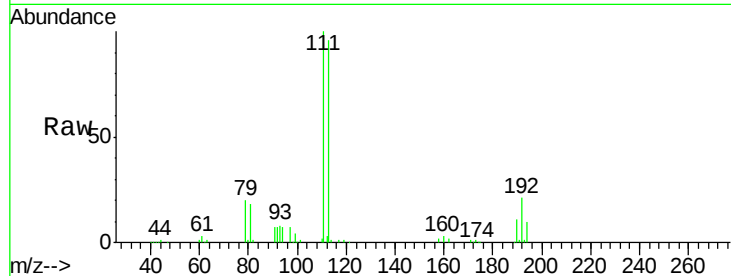
#35
 Dibromofluoromethane
 Concen: 50.32 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS03

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.4	82.2	123.4	
192	21.1	16.2	24.4	

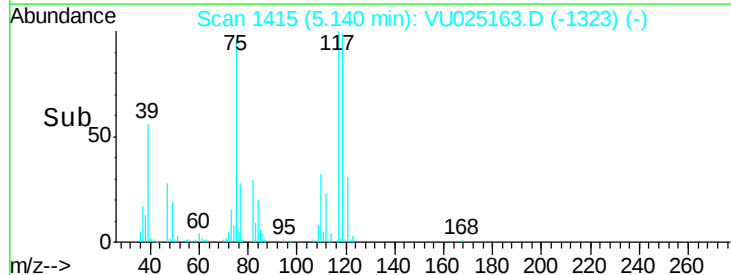
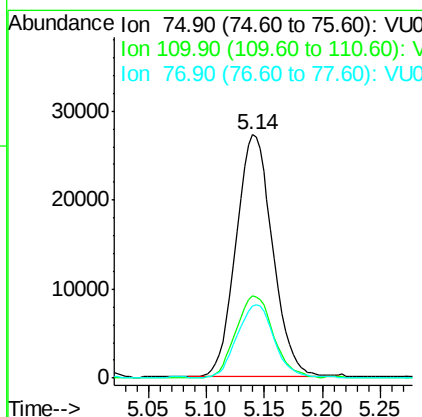
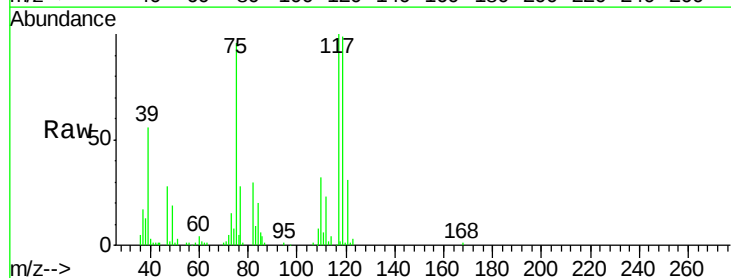
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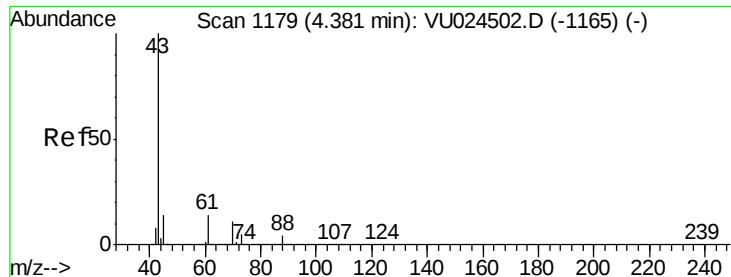
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#36
 1,1-Dichloropropene
 Concen: 20.53 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.1	17.0	50.9	
77	31.4	24.2	36.4	





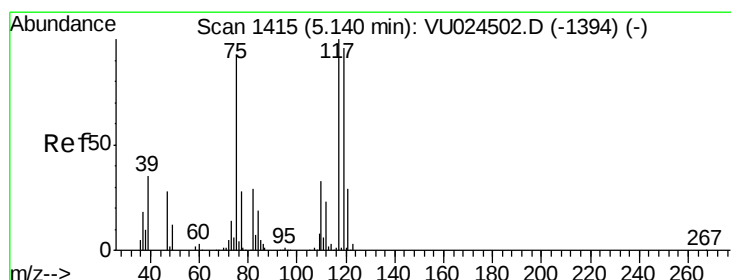
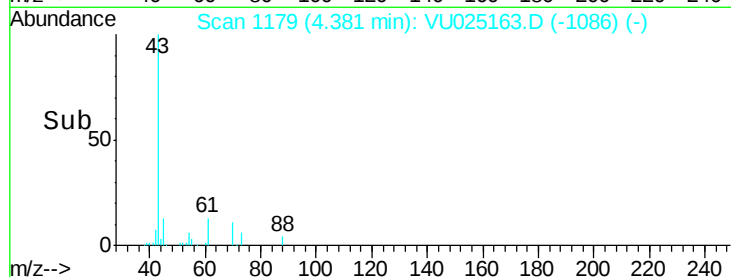
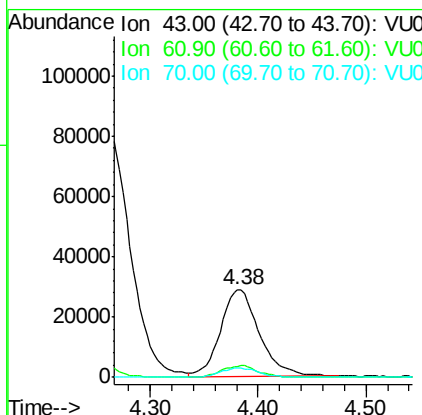
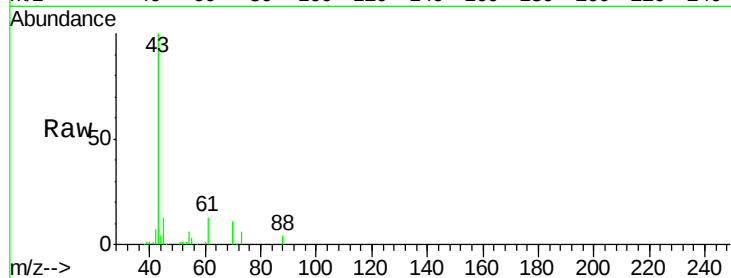
#37
Ethyl Acetate
Concen: 22.65 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

Tot Ion	43	Resp	71582
Ion Ratio	100	Lower	Upper
43	100		
61	13.1	10.5	15.7
70	10.5	7.4	11.2

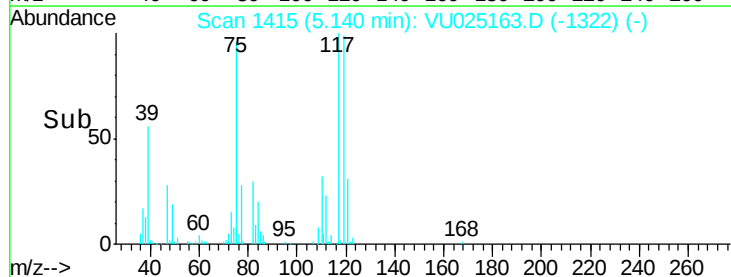
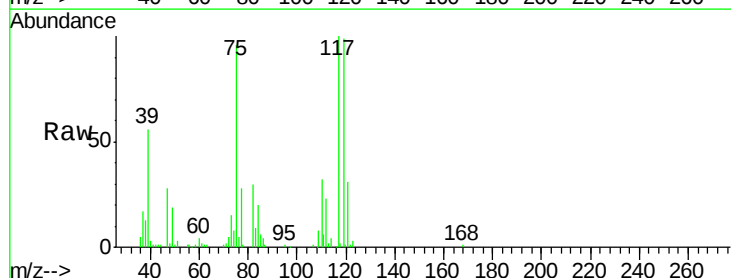
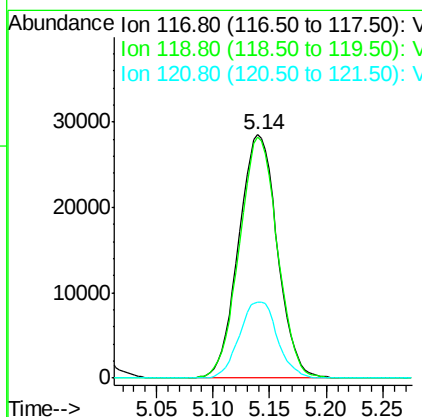
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 21.26 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion	117	Resp	67804
Ion Ratio	100	Lower	Upper
117	100		
119	99.3	76.1	114.1
121	31.0	23.7	35.5





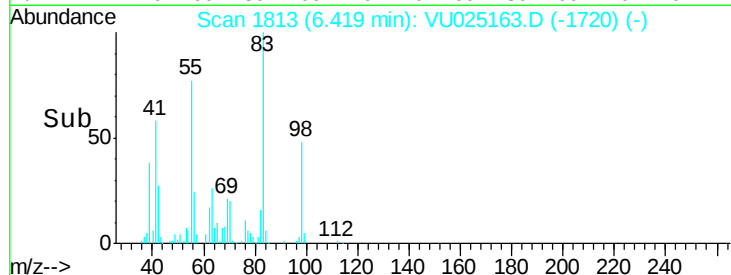
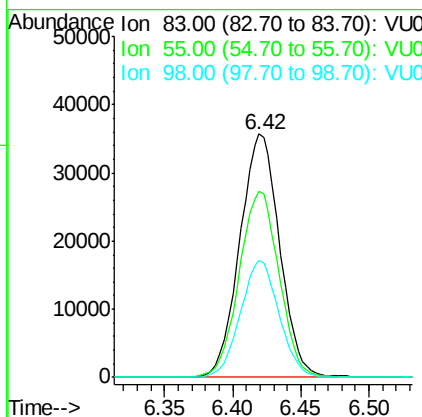
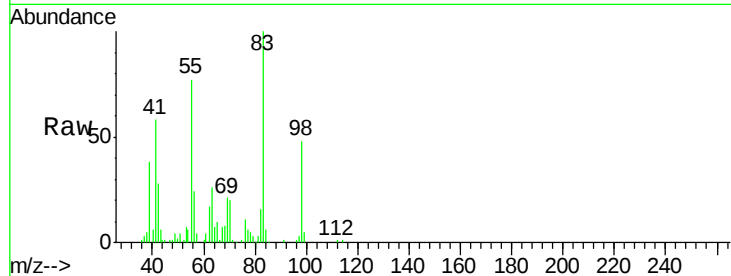
#39
Methvlcvclohexane
Concen: 19.98 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	65.8	98.6
98	47.8	36.7	55.1

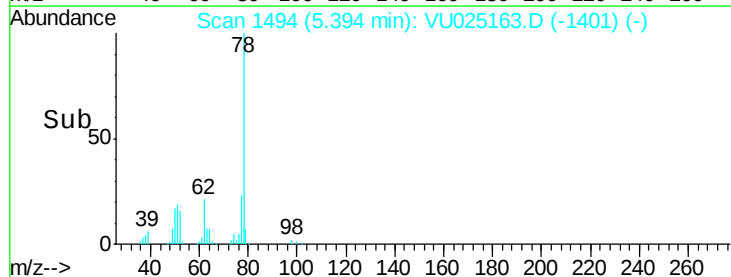
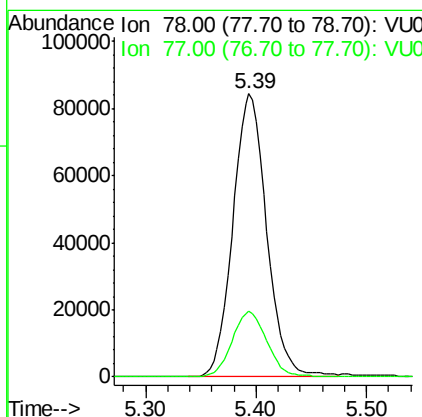
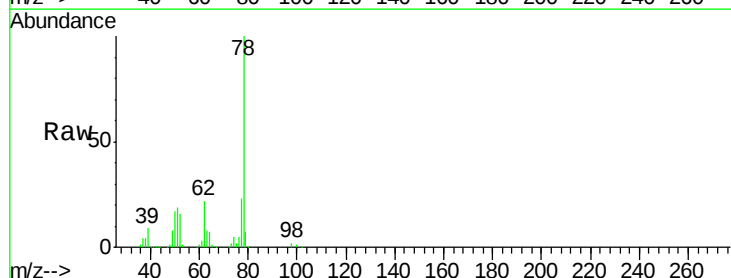
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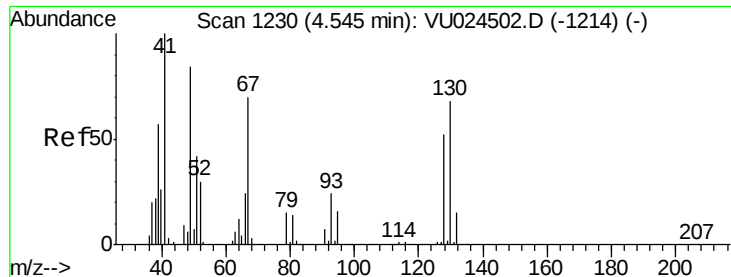
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#40
Benzene
Concen: 21.66 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.2	28.8





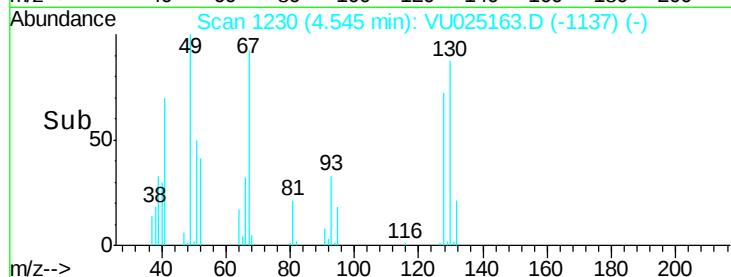
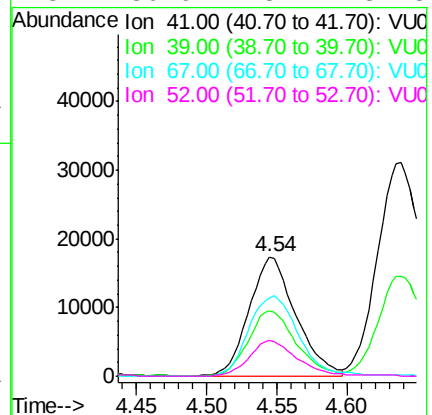
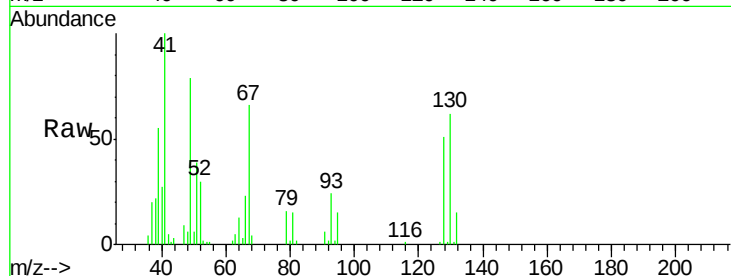
#41
Methacrylonitrile
Concen: 23.67 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.1	43.8	65.6	
67	71.7	56.3	84.5	
52	30.9	23.2	34.8	

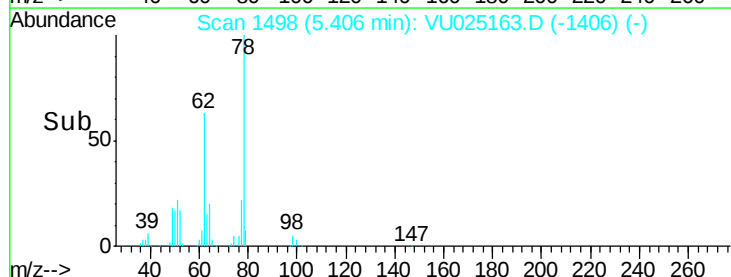
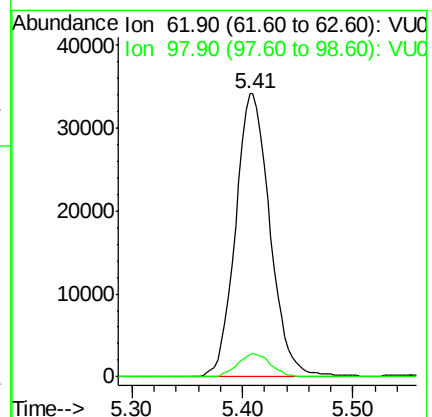
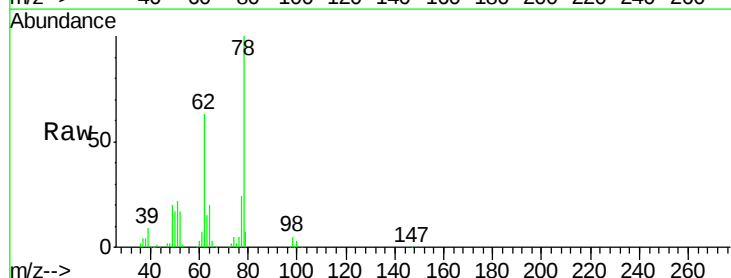
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#42
1,2-Dichloroethane
Concen: 23.47 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.8	0.0	16.6	





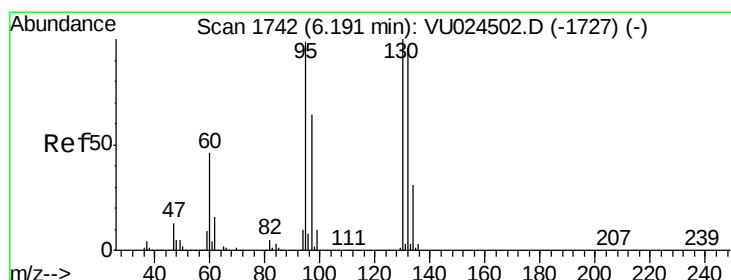
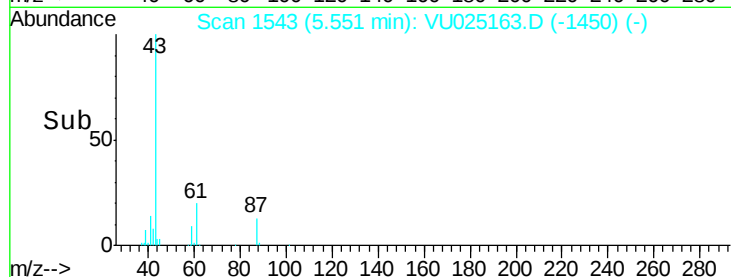
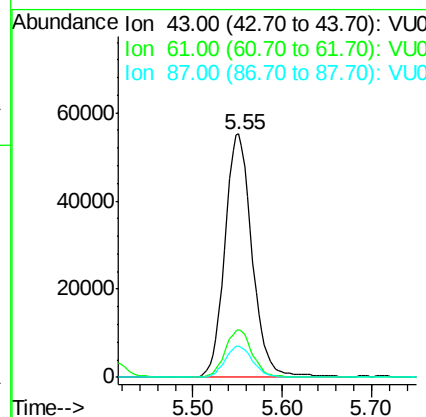
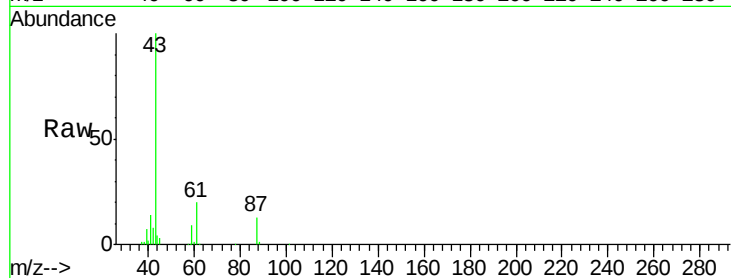
#43
Isopropyl Acetate
Concen: 21.20 ug/l
RT: 5.55 min Scan# 1543
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.0
87	13.0	10.0	15.0

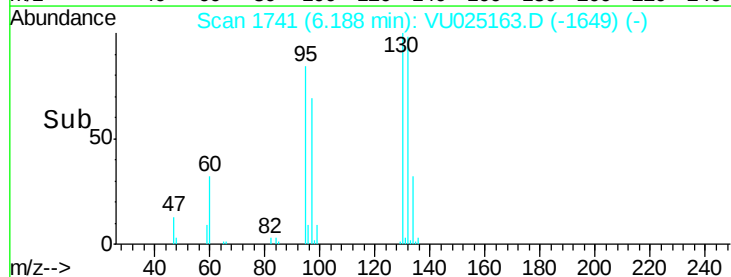
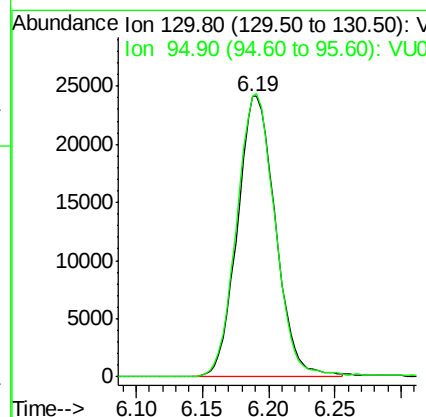
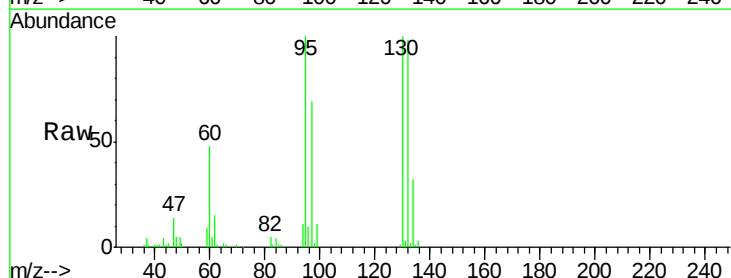
Manual Integrations
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#44
Trichloroethene
Concen: 20.53 ug/l
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	202.4





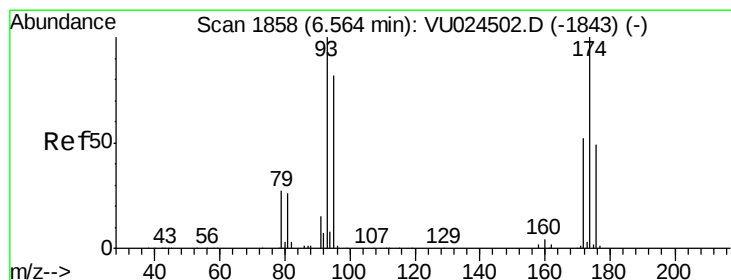
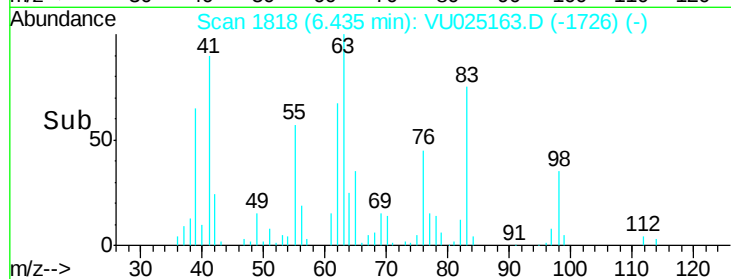
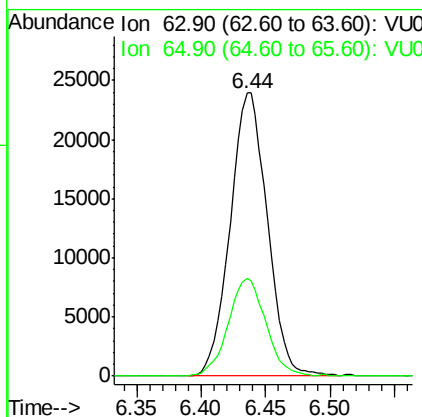
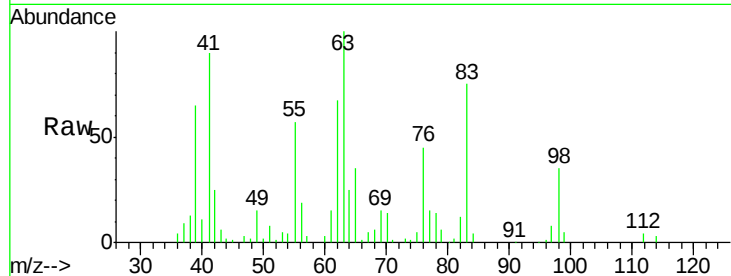
#45
 1,2-Dichloropropane
 Concen: 21.76 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS03

Tot Ion: 63 Resp: 47978
 Ion Ratio Lower Upper
 63 100
 65 34.5 24.8 37.2

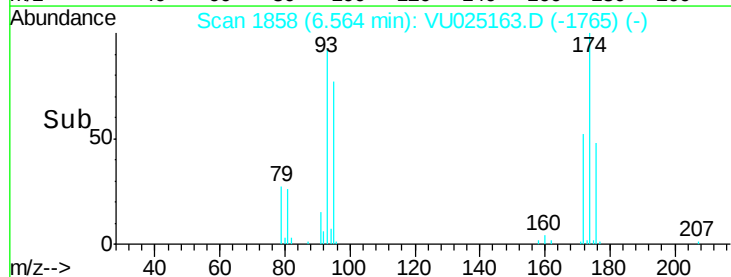
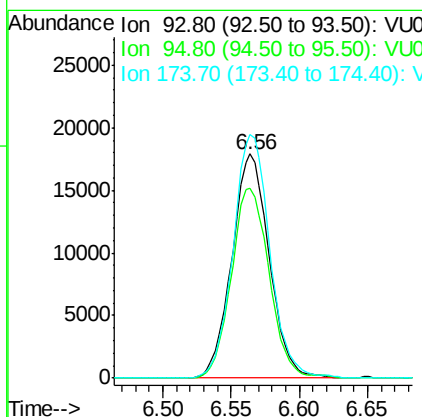
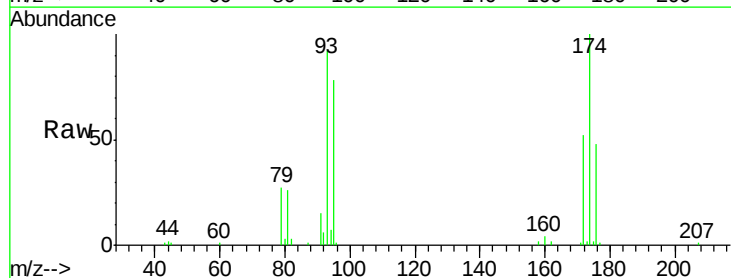
Manual Integrations
 APPROVED

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#46
 Dibromomethane
 Concen: 22.00 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Tgt Ion: 93 Resp: 34071
 Ion Ratio Lower Upper
 93 100
 95 85.5 65.5 98.3
 174 107.2 78.7 118.1





#47

Bromodichloromethane

Concen: 20.80 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

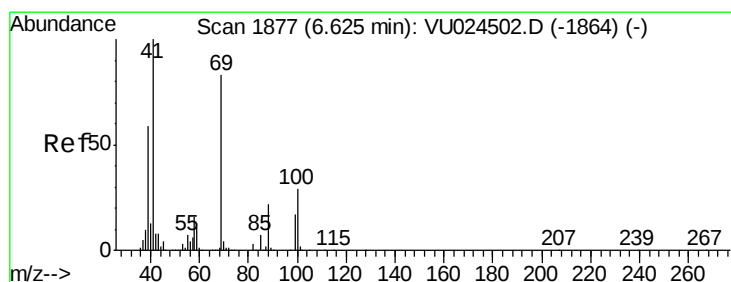
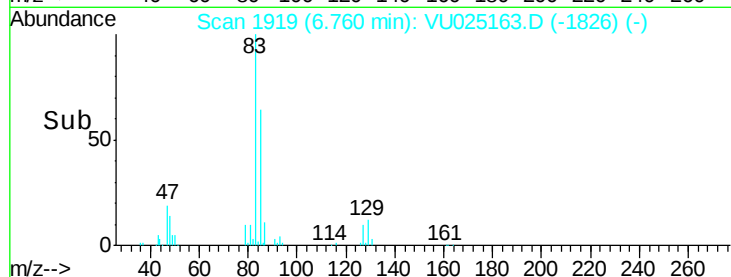
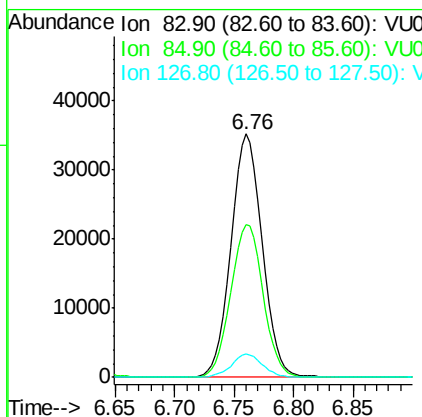
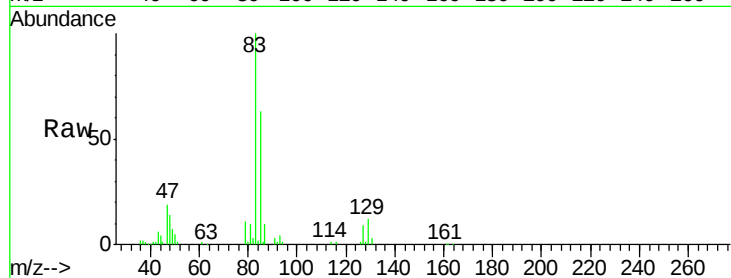
ClientSampleId :

VU0702WBS03

Tot Ion:	83	Resp:	64141
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.9	77.9
127	9.5	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.63 ug/l

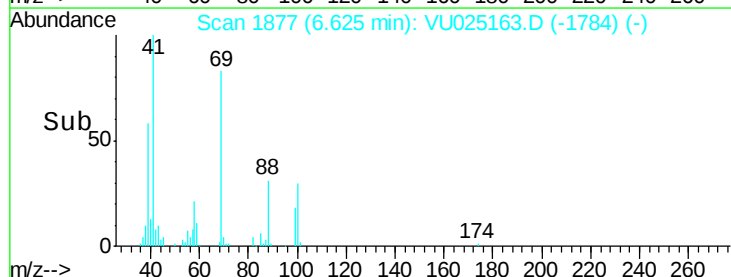
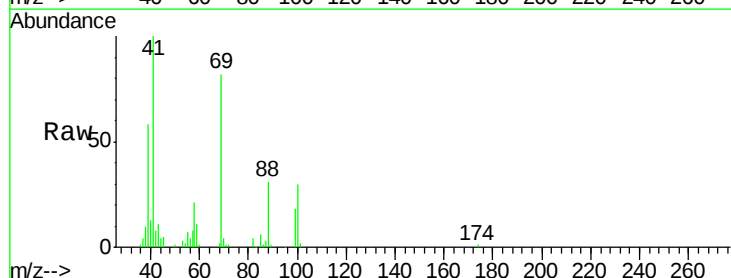
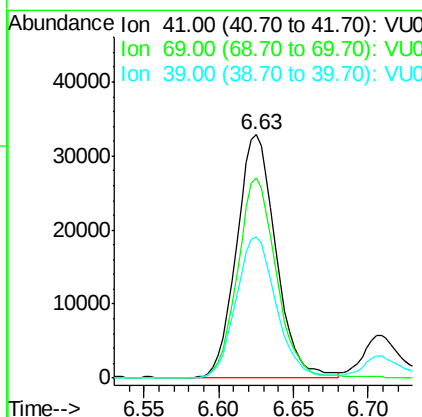
RT: 6.63 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Tgt Ion:	41	Resp:	60204
Ion Ratio	Lower	Upper	
41	100		
69	81.2	67.3	100.9
39	59.4	46.5	69.7





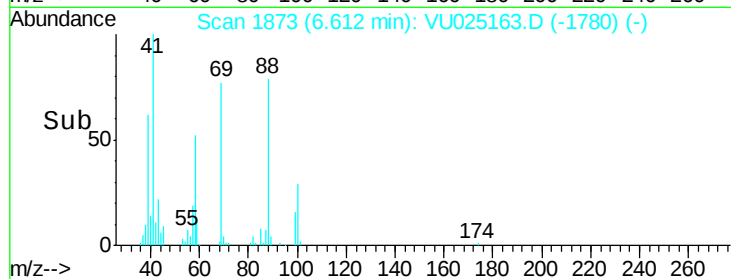
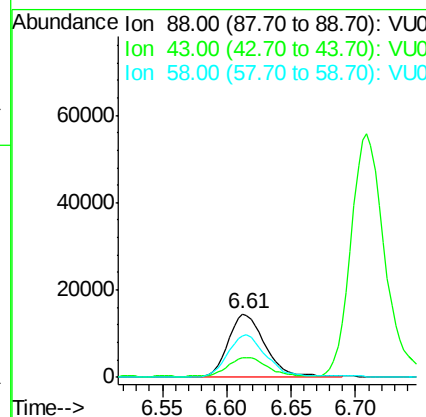
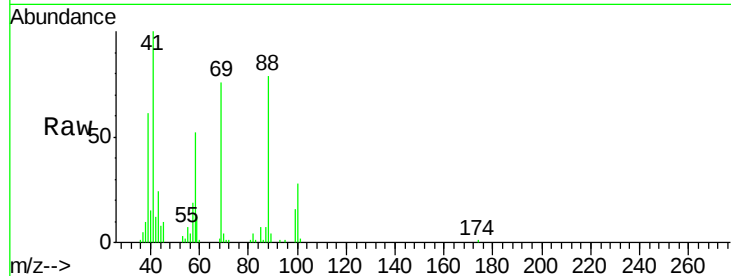
#49
1,4-Dioxane
Concen: 556.64 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.5	28.6	42.8
58	70.7	58.2	87.4

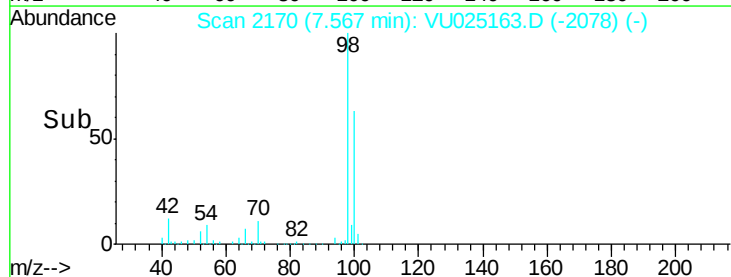
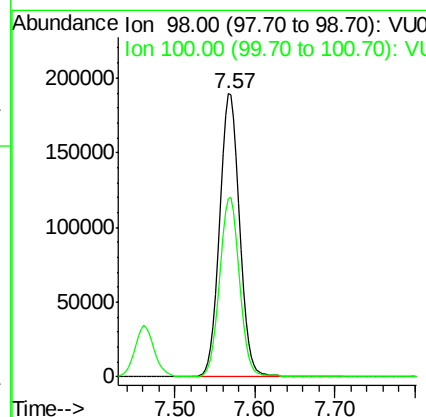
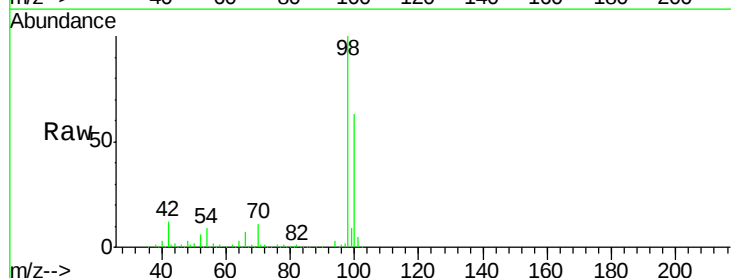
Manual Integrations
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#50
Toluene-d8
Concen: 44.39 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.8	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 111.51 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

Tot Ion: 43 Resp: 382719

Ion Ratio Lower Upper

43 100

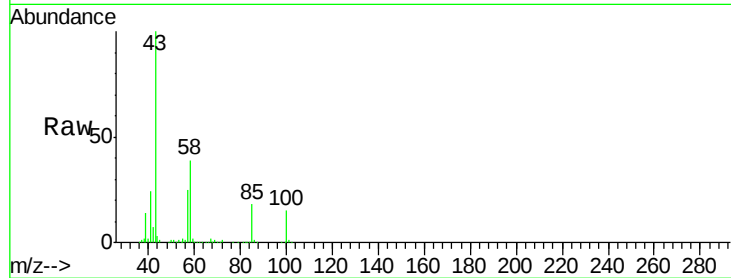
58 38.6 30.0 45.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

250000

200000

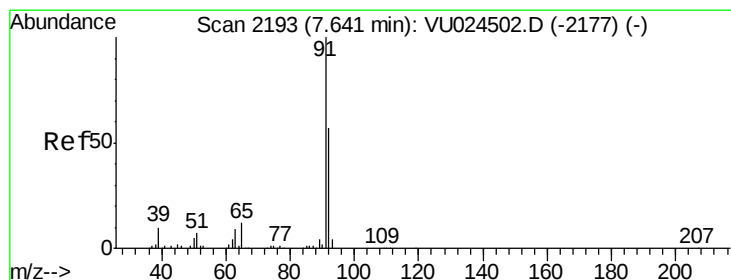
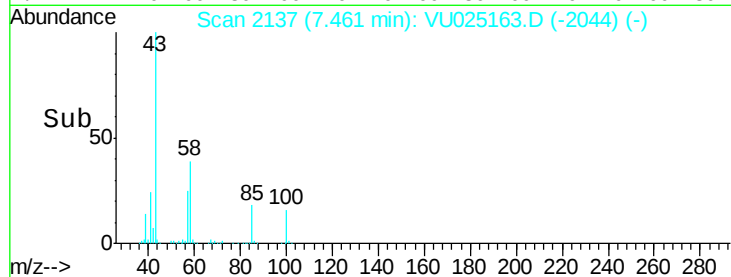
150000

100000

50000

0

Time--> 7.35 7.40 7.45 7.50 7.55



#52

Toluene

Concen: 21.34 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU025163.D

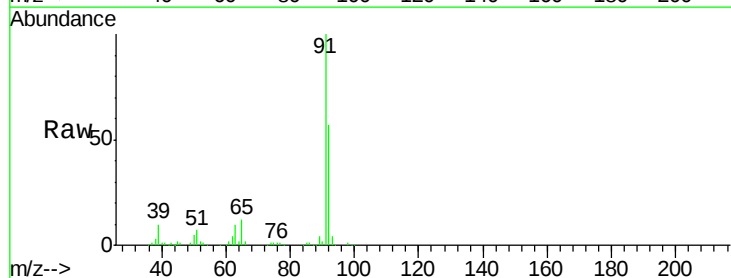
Acq: 03 Jul 2018 00:10

Tgt Ion: 92 Resp: 113461

Ion Ratio Lower Upper

92 100

91 174.9 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

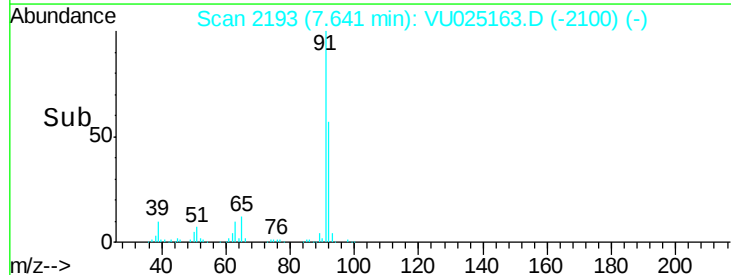
7.64

100000

50000

0

Time--> 7.60 7.70





#53

t-1,3-Dichloropropene

Concen: 18.81 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

Tot Ion: 75 Resp: 65148

Ion Ratio Lower Upper

75 100

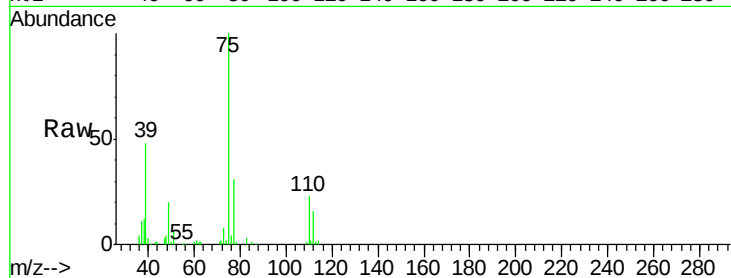
77 30.7 24.8 37.2

Manual Integrations

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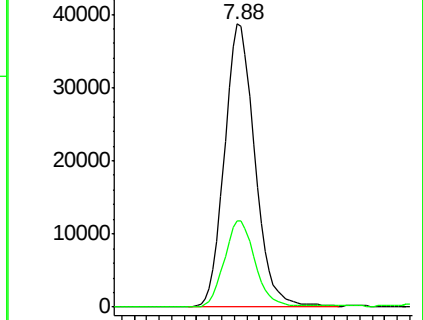
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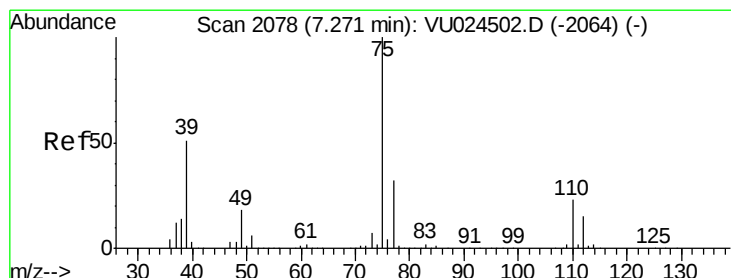
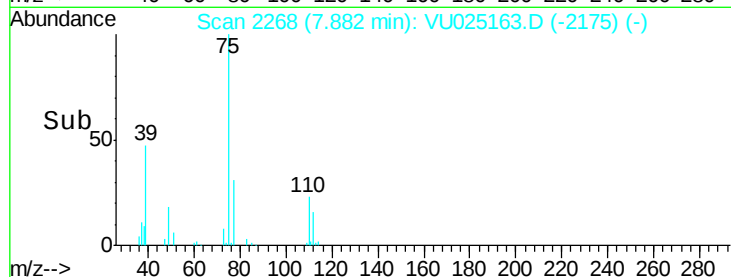


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.76 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

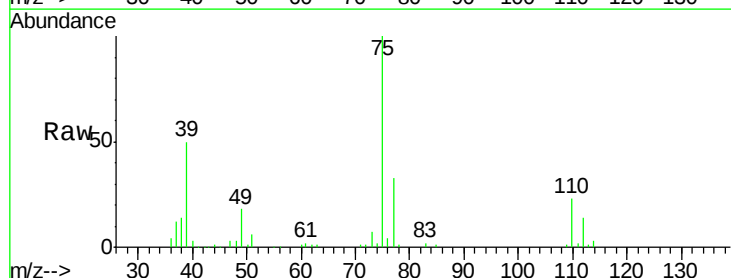
Tgt Ion: 75 Resp: 69236

Ion Ratio Lower Upper

75 100

77 32.7 24.6 36.8

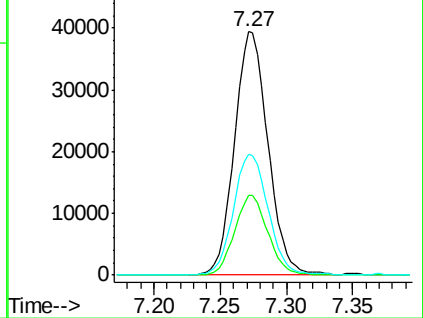
39 49.8 39.8 59.6



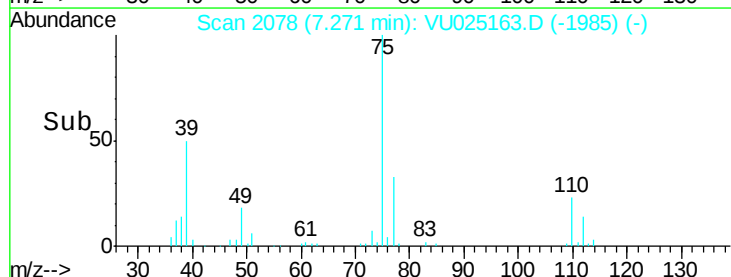
Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0



Time-->





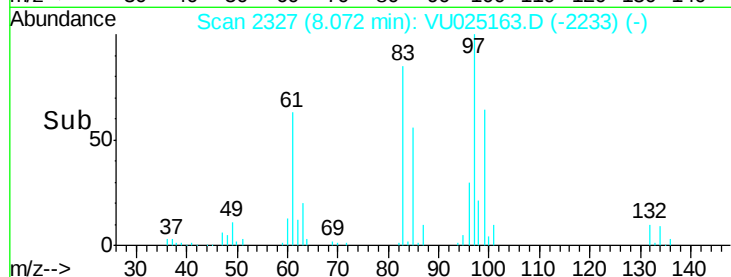
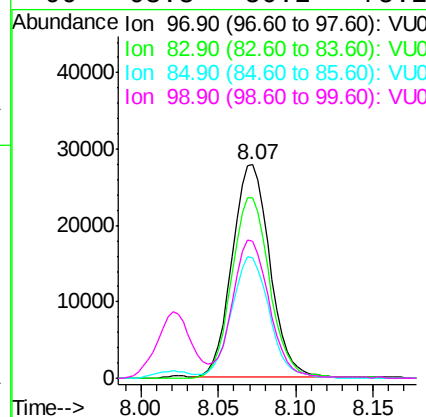
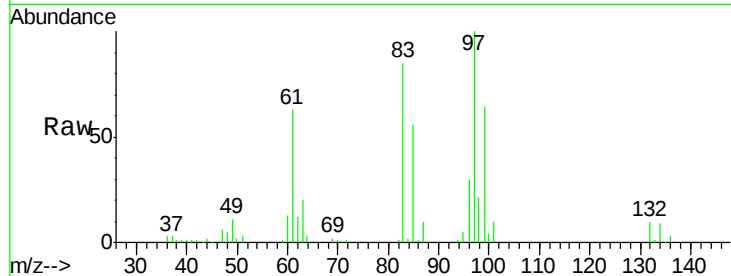
#55
 1,1,2-Trichloroethane
 Concen: 21.78 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS03

Tot Ion:	97	Resp:	47062
Ion	Ratio	Lower	Upper
97	100		
83	85.2	70.5	105.7
85	56.8	46.4	69.6
99	63.8	50.2	75.2

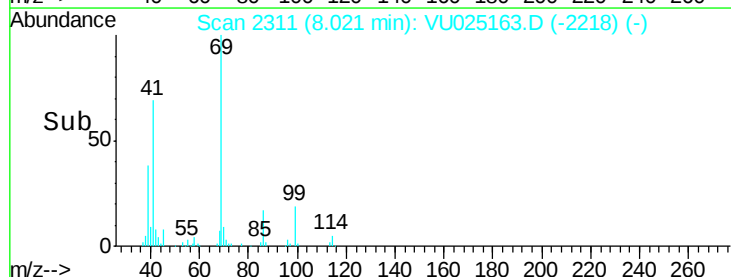
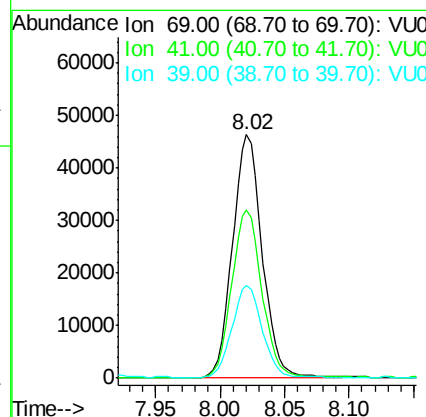
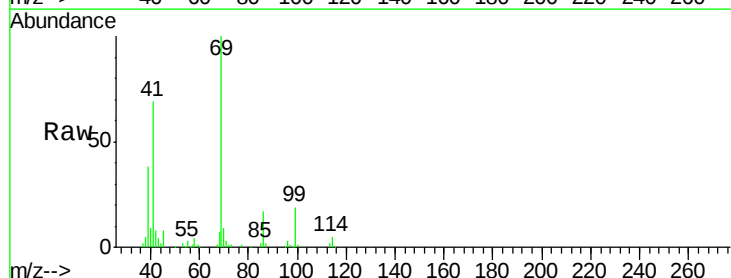
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 20.49 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Tgt Ion:	69	Resp:	74115
Ion	Ratio	Lower	Upper
69	100		
41	70.3	54.1	81.1
39	39.4	30.3	45.5





#57

1,3-Dichloropropane

Concen: 21.82 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

Tot Ion: 76 Resp: 79548

Ion Ratio Lower Upper

76 100

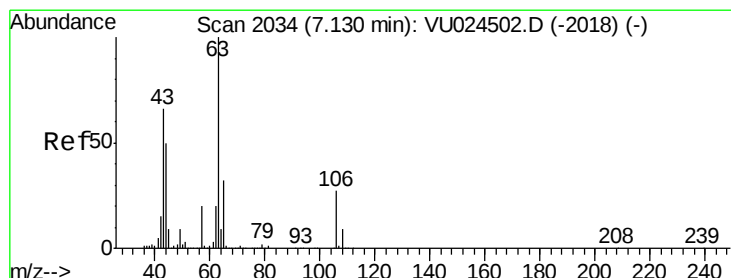
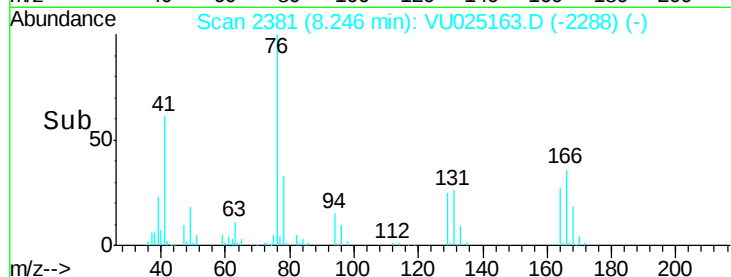
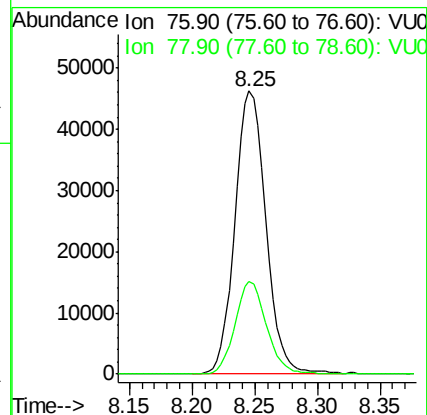
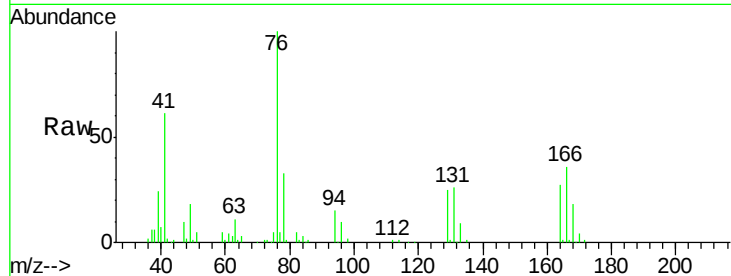
78 33.1 25.2 37.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 93.79 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU025163.D

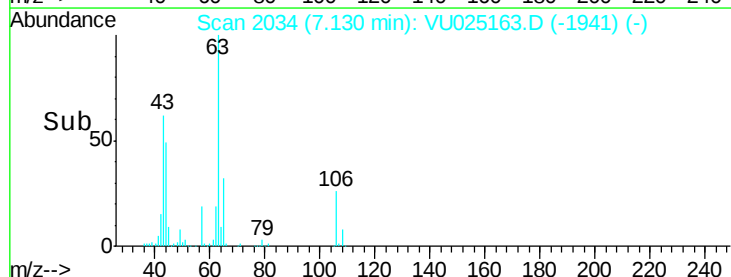
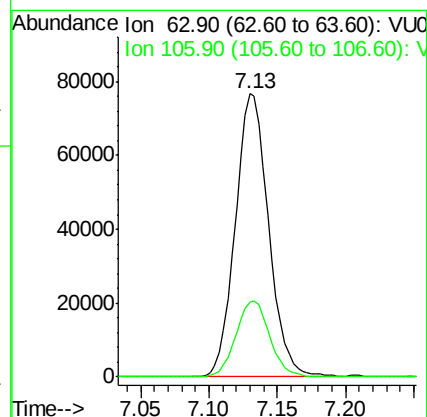
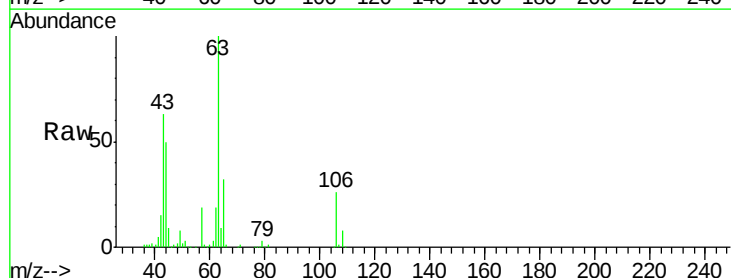
Acq: 03 Jul 2018 00:10

Tgt Ion: 63 Resp: 129951

Ion Ratio Lower Upper

63 100

106 27.2 20.2 30.2





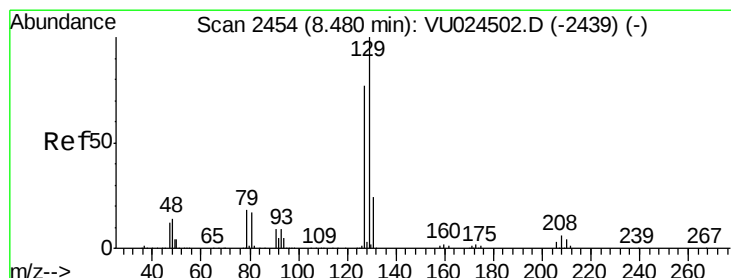
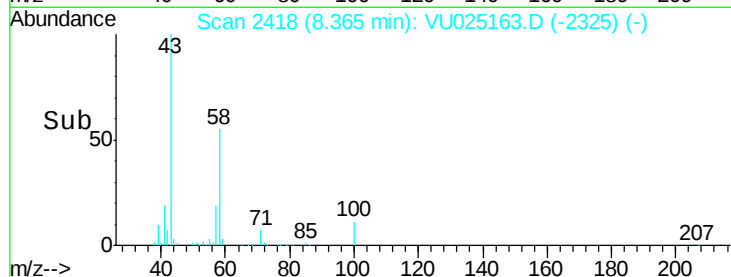
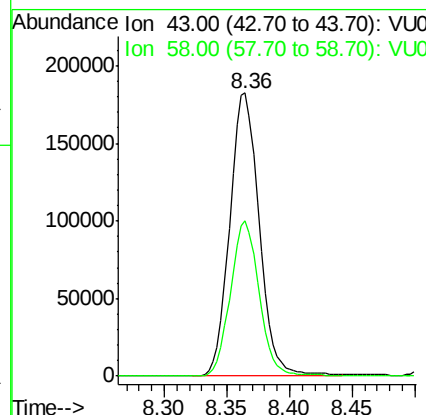
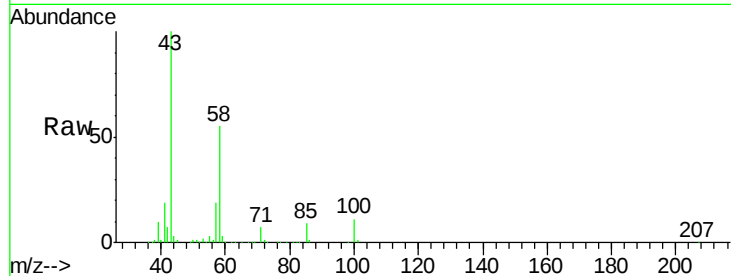
#59
2-Hexanone
Concen: 106.29 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.6	26.4	79.0

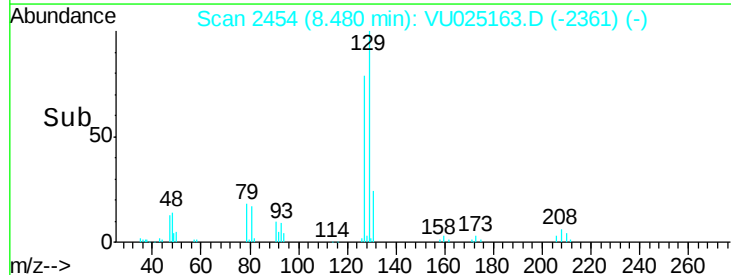
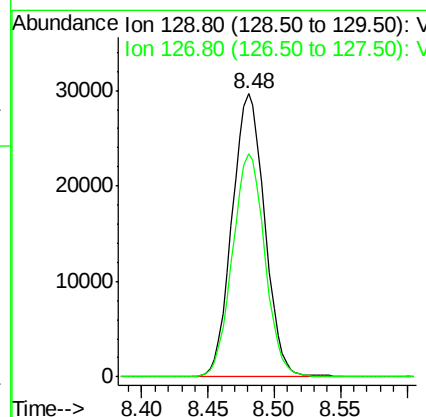
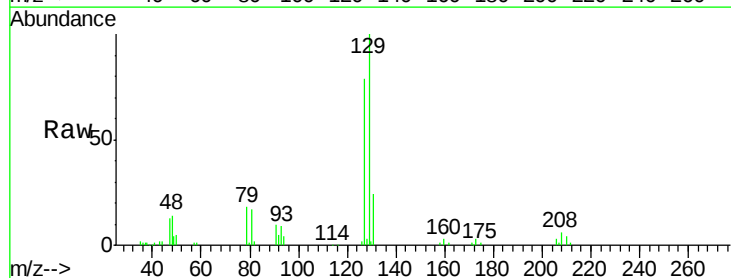
Manual Integrations
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#60
Dibromochloromethane
Concen: 18.83 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.6	116.0





#61

1,2-Dibromoethane

Concen: 21.73 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

Tot Ion:107 Resp: 52262

Ion Ratio Lower Upper

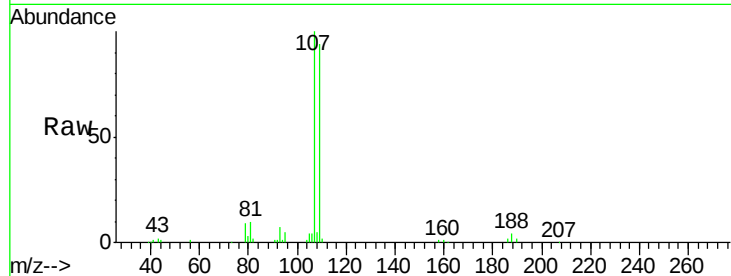
107 100

109 93.3 74.5 111.7

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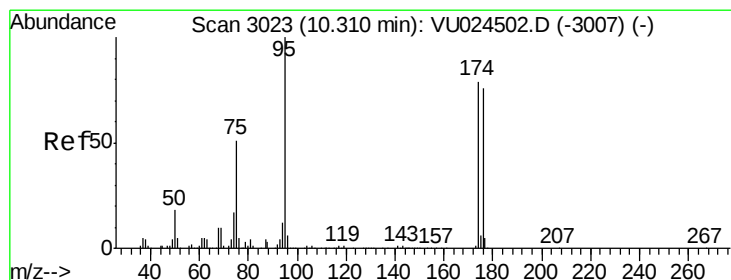
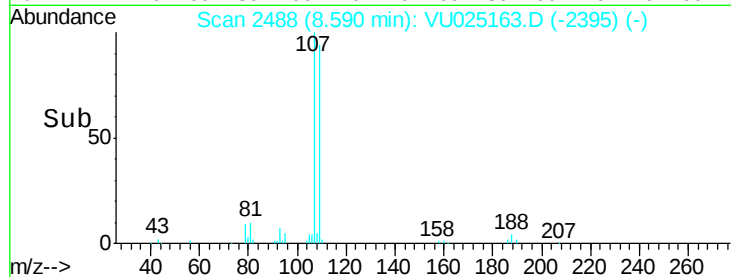
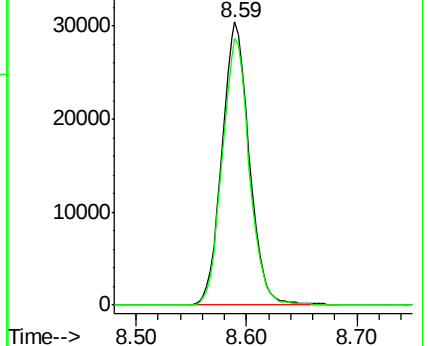
sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.25 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

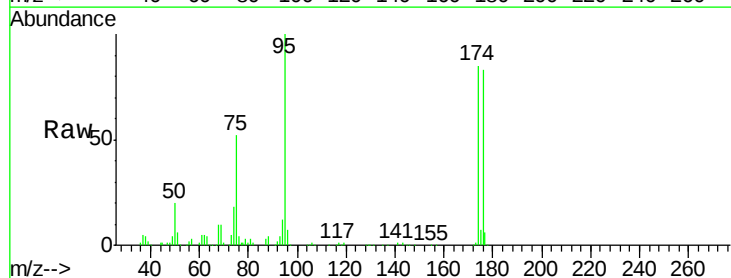
Tgt Ion: 95 Resp: 137162

Ion Ratio Lower Upper

95 100

174 84.8 0.0 165.8

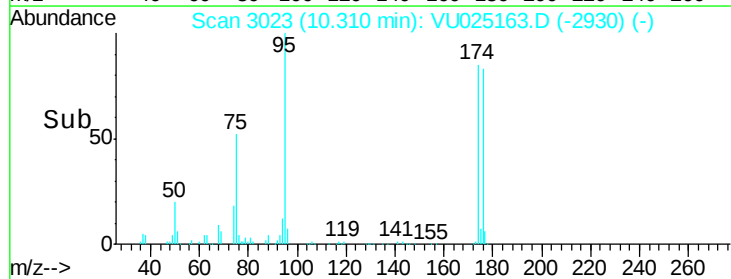
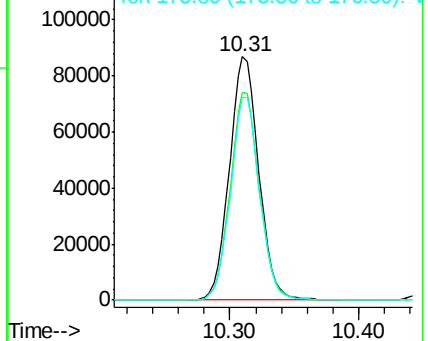
176 82.8 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





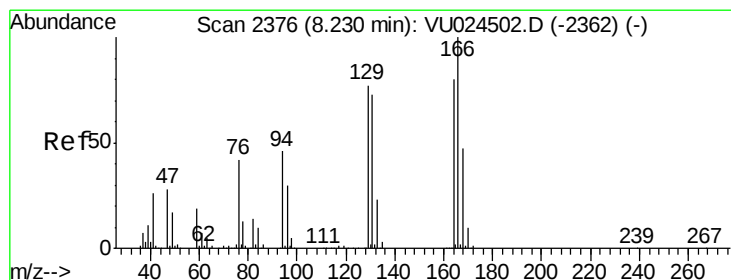
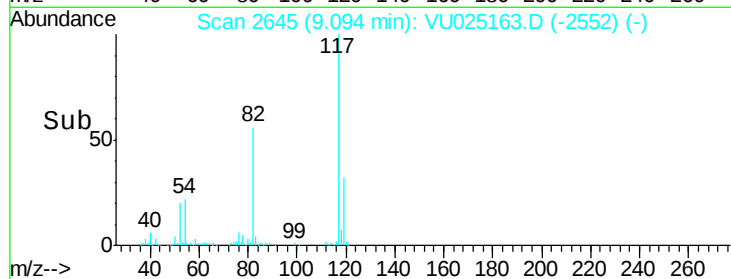
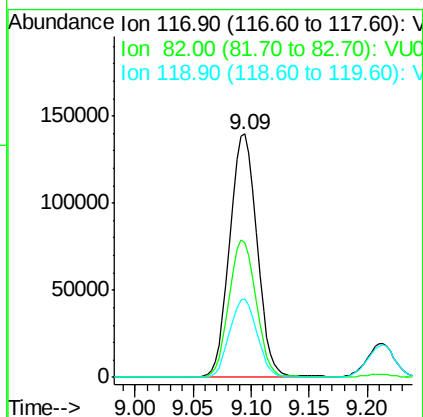
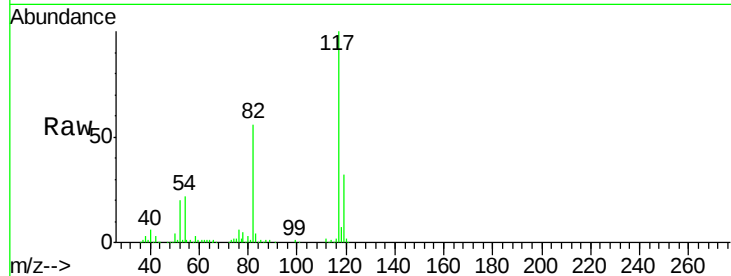
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

Tot Ion	Ratio	Resp	Lower	Upper
117	100	228142		
82	55.5	44.3	66.5	
119	32.3	25.4	38.2	

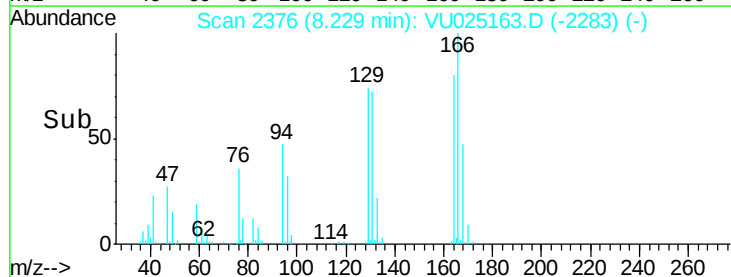
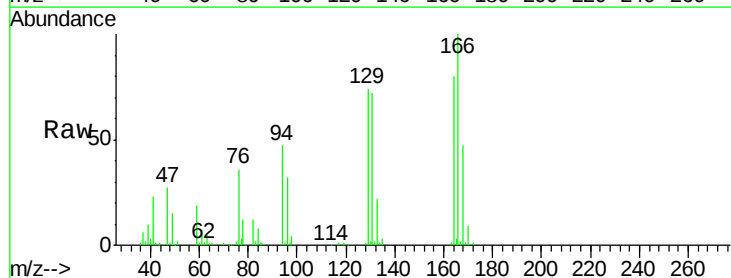
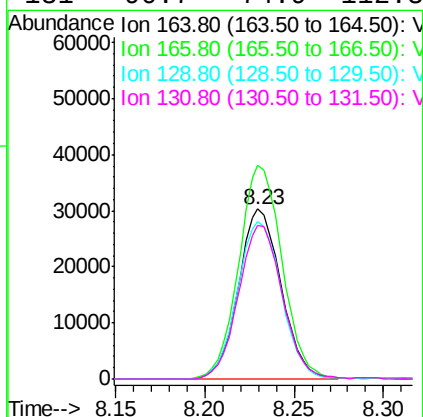
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#64
Tetrachloroethene
Concen: 23.28 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	50480		
166	125.7	101.7	152.5	
129	92.4	76.9	115.3	
131	90.7	74.9	112.3	





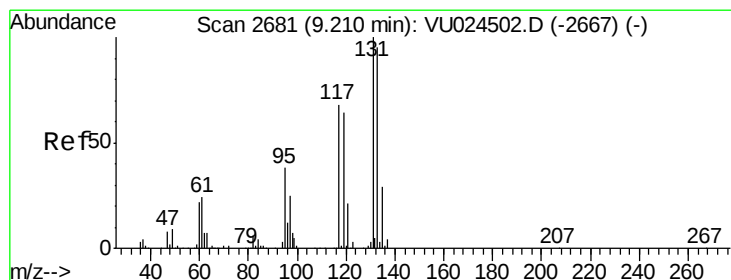
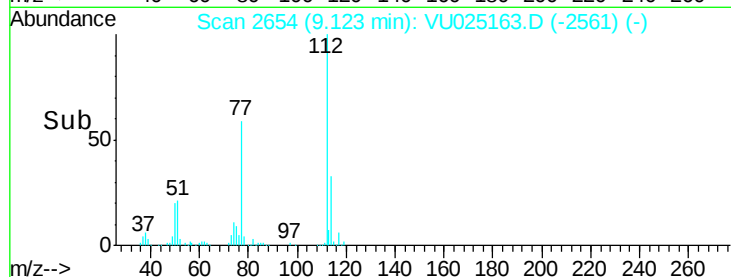
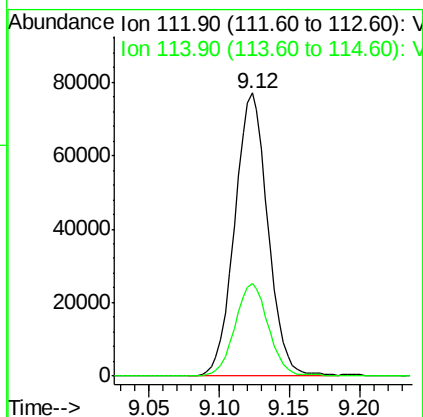
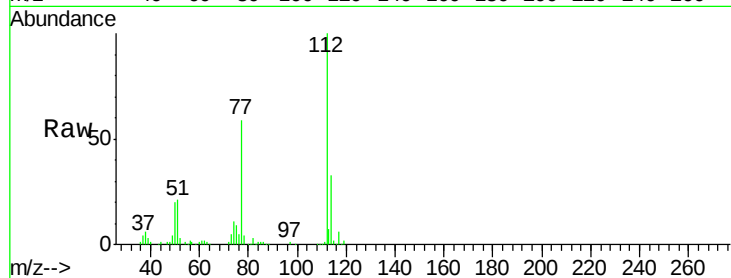
#65
Chlorobenzene
Concen: 21.80 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.6	38.4

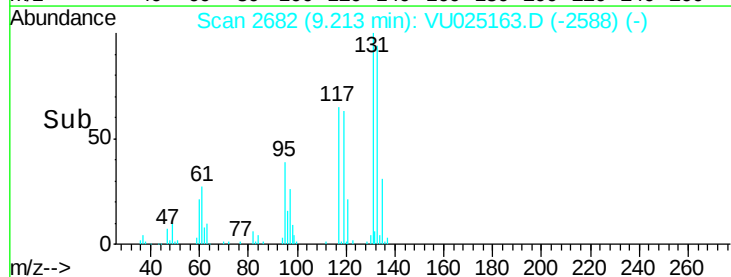
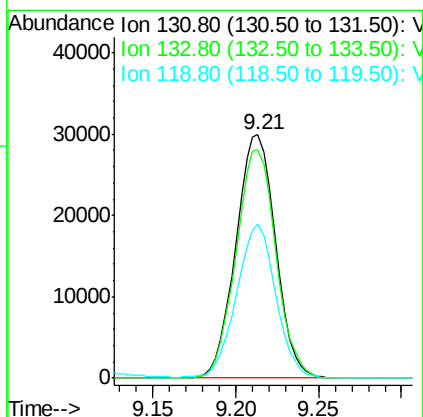
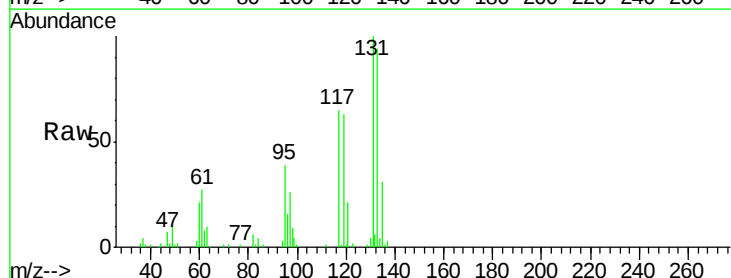
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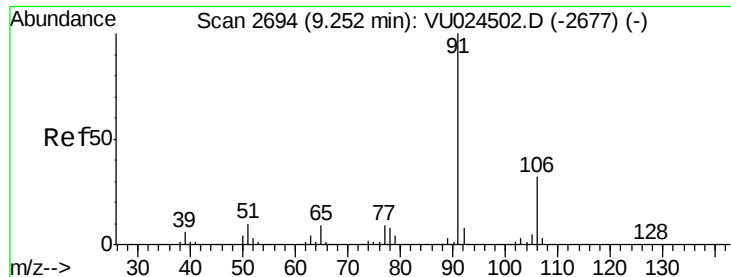
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.51 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.3	46.9	140.8
119	62.6	33.5	100.4





#67

Ethyl Benzene

Concen: 21.64 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

Tot Ion: 91 Resp: 221128

Ion Ratio Lower Upper

91 100

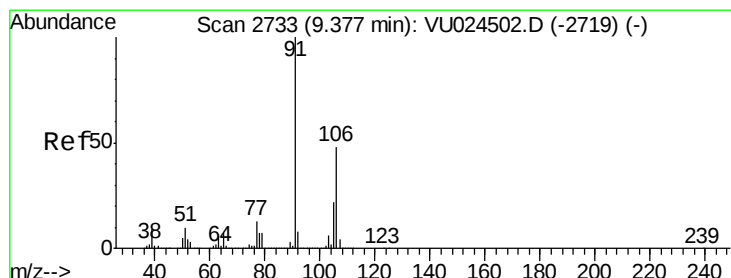
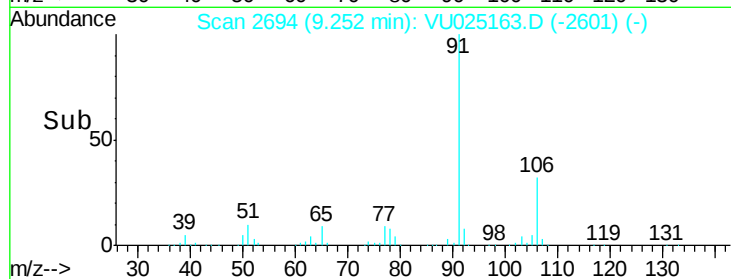
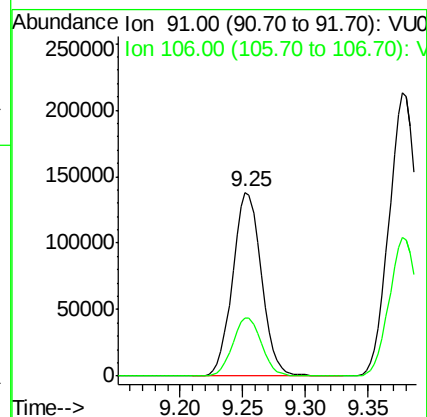
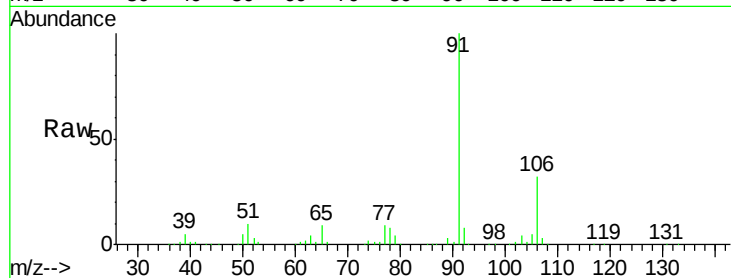
106 31.8 24.2 36.4

Manual Integrations

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#68

m/p-Xylenes

Concen: 43.96 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU025163.D

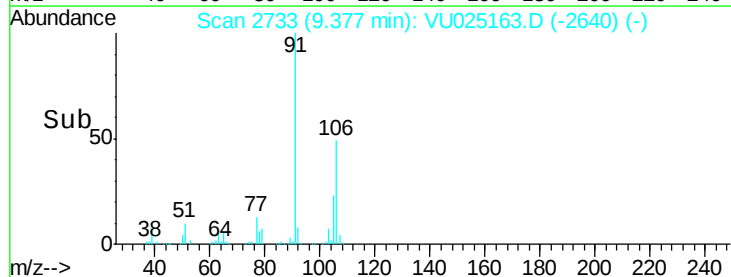
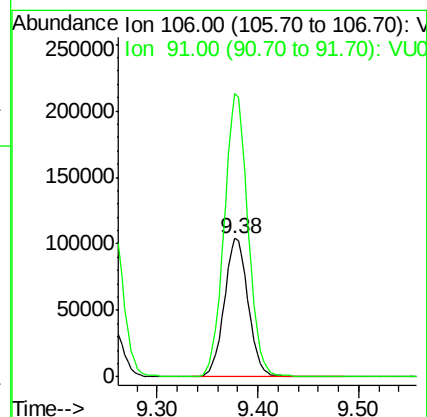
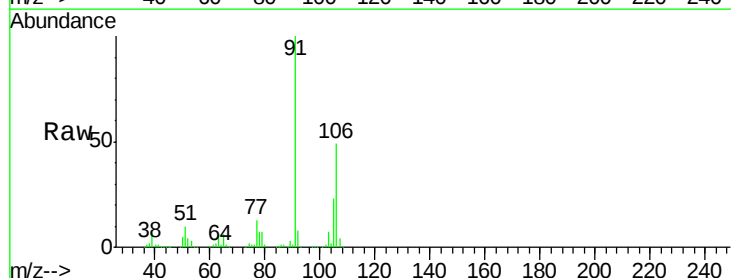
Acq: 03 Jul 2018 00:10

Tgt Ion: 106 Resp: 172483

Ion Ratio Lower Upper

106 100

91 203.3 166.5 249.7





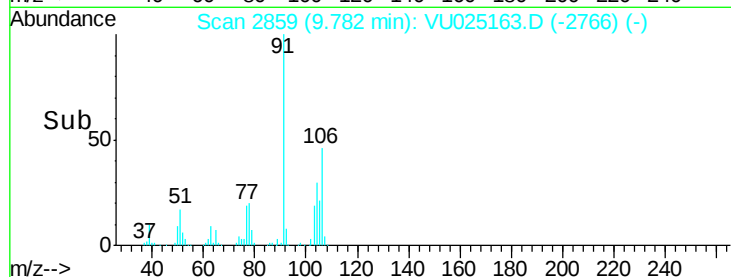
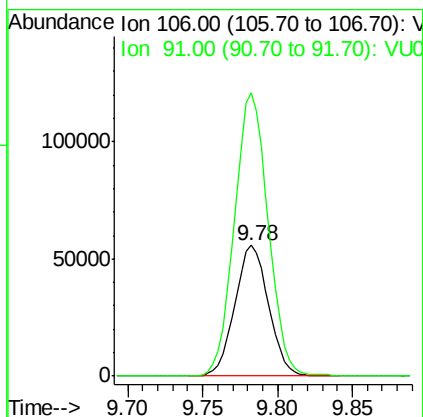
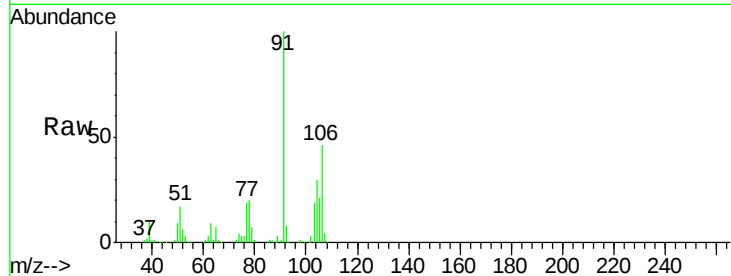
#69
o-Xylene
Concen: 22.56 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

Tot Ion:106 Resp: 87614
Ion Ratio Lower Upper
106 100
91 216.9 110.7 331.9

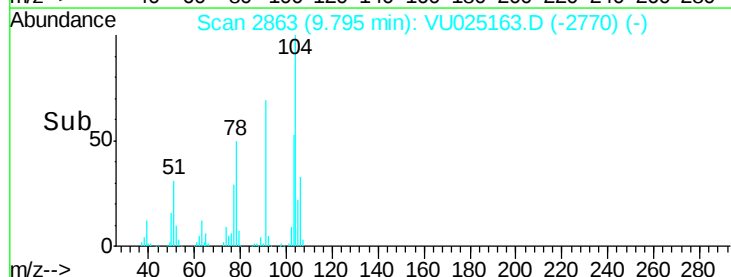
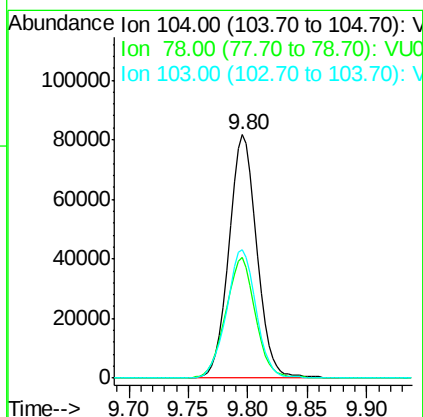
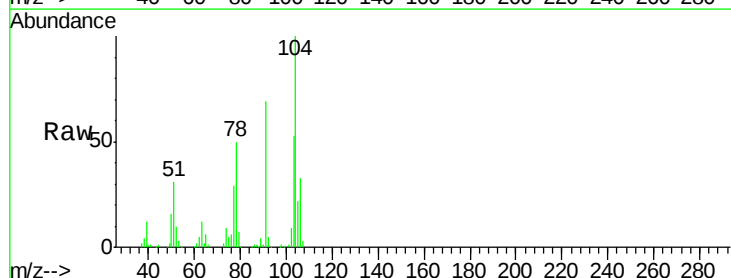
Manual Integrations
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#70
Styrene
Concen: 20.84 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion:104 Resp: 132995
Ion Ratio Lower Upper
104 100
78 52.7 40.6 60.8
103 55.9 44.7 67.1





#71

Bromoform

Concen: 18.76 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

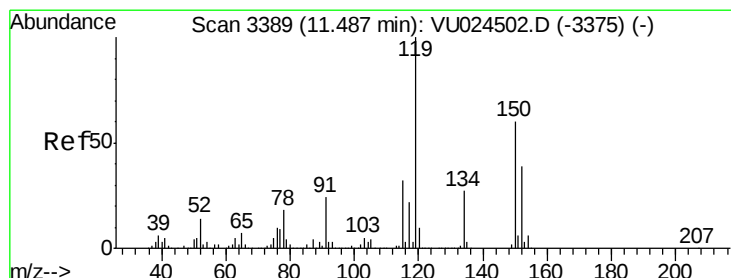
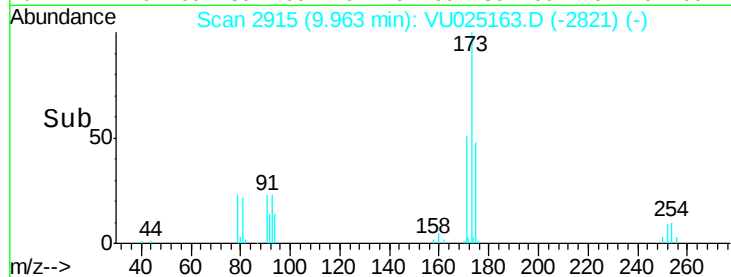
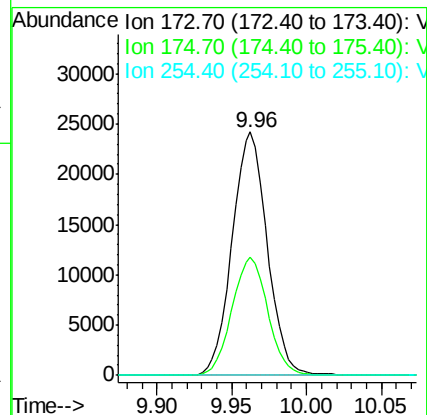
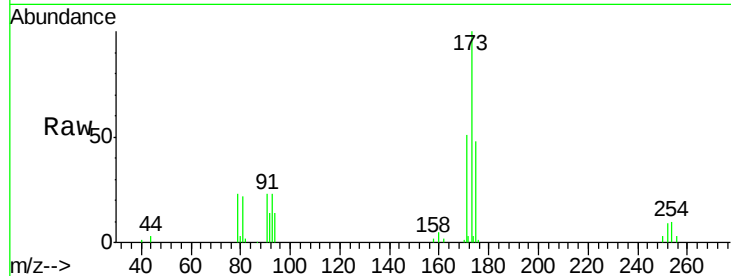
ClientSampleId :

VU0702WBS03

Tot Ion:173	Resp:	39488
Ion Ratio	Lower	Upper
173 100		
175 49.3	24.6	74.0
254 0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

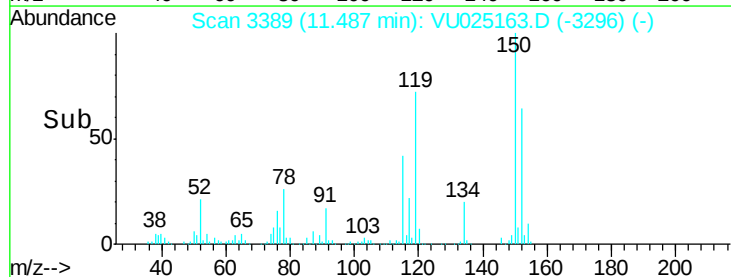
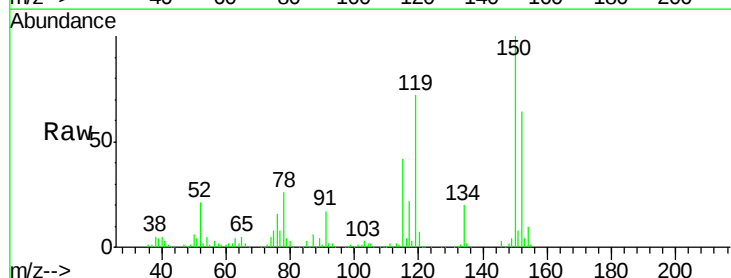
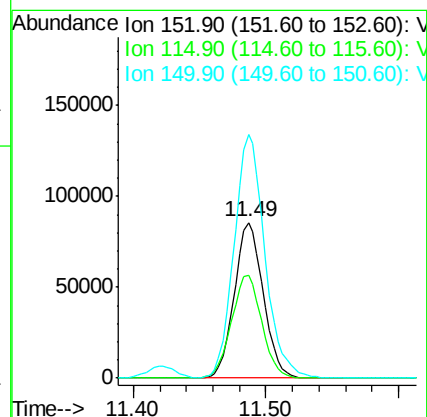
RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Tgt Ion:152	Resp:	129587
Ion Ratio	Lower	Upper
152 100		
115 69.4	43.0	129.0
150 166.0	0.0	354.0





#73

Isopropylbenzene

Concen: 22.98 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

Tot Ion: 105 Resp: 228679

Ion Ratio Lower Upper

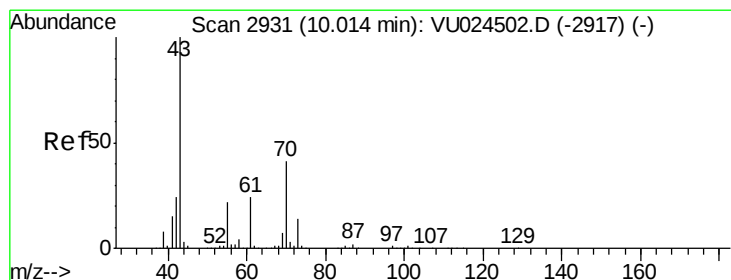
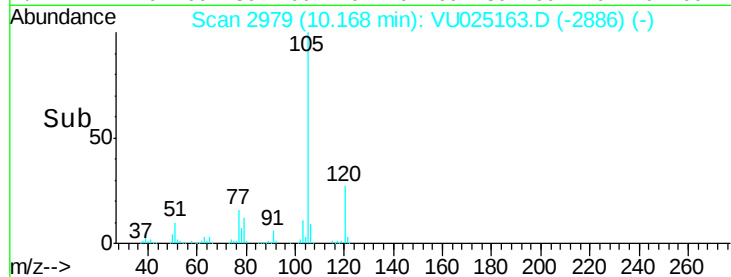
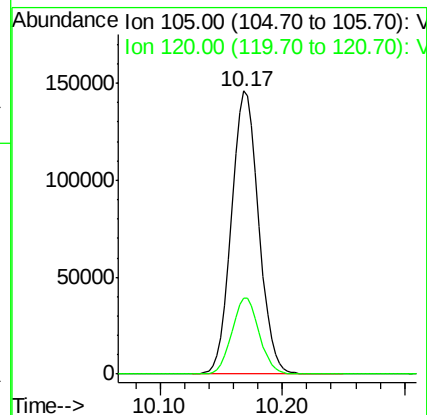
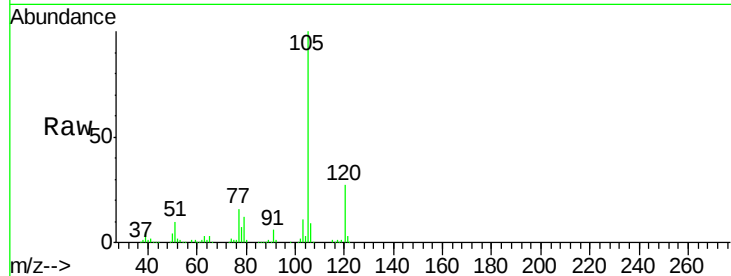
105 100

120 27.0 13.2 39.6

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#74

N-ethyl acetate

Concen: 20.62 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Tgt Ion: 43 Resp: 97579

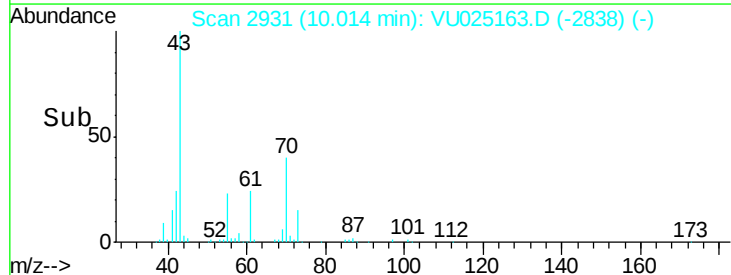
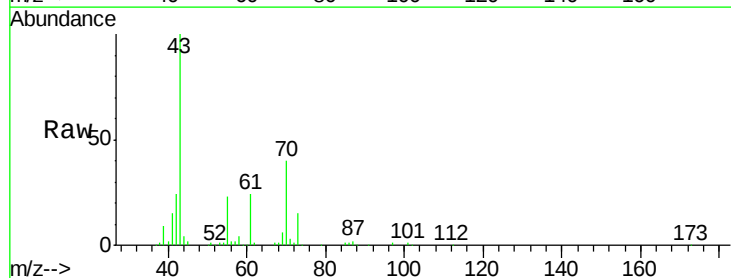
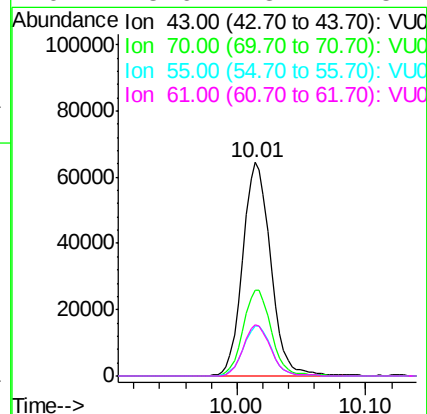
Ion Ratio Lower Upper

43 100

70 40.4 32.2 48.4

55 23.6 20.5 30.7

61 23.6 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 23.36 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

Tot Ion: 83 Resp: 77894

Ion Ratio Lower Upper

83 100

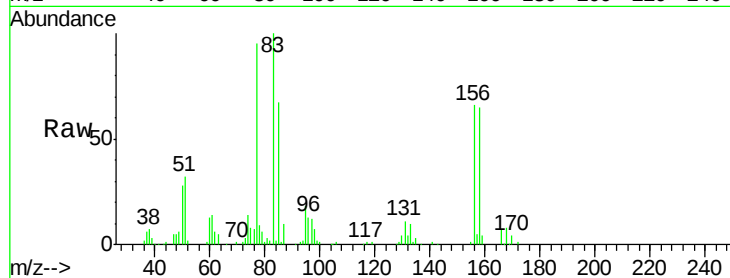
131 10.8 4.7 14.1

85 65.9 32.5 97.5

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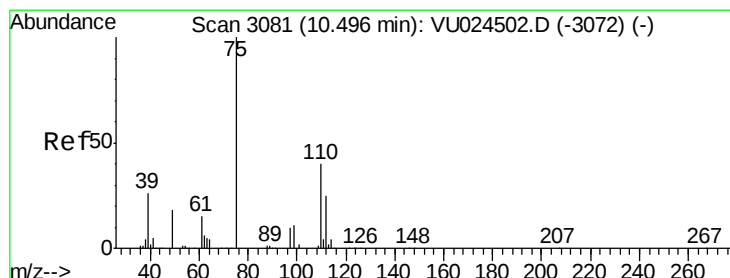
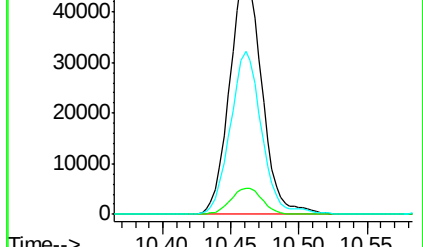
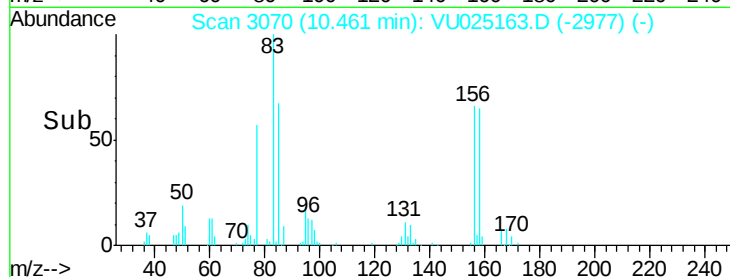


Abundance Ion 82.90 (82.60 to 83.60): VU025163.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025163.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025163.D (-2977) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 23.10 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU025163.D

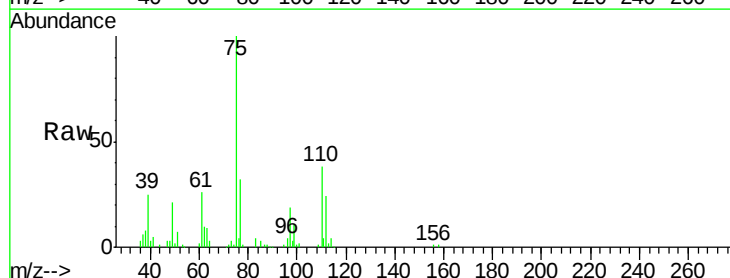
Acq: 03 Jul 2018 00:10

Tgt Ion: 75 Resp: 65892

Ion Ratio Lower Upper

75 100

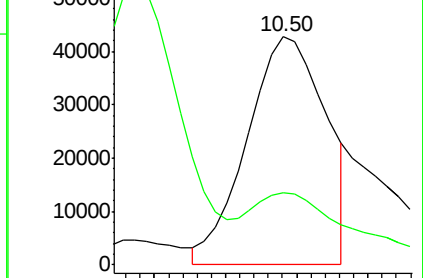
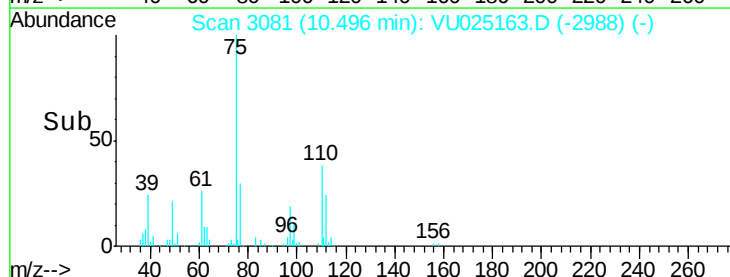
77 40.6 20.9 62.7

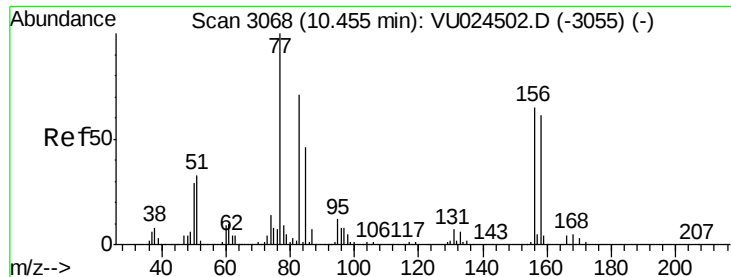


Abundance Ion 74.90 (74.60 to 75.60): VU025163.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025163.D (-2988) (-)

Time-->





#77

Bromobenzene

Concen: 23.13 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

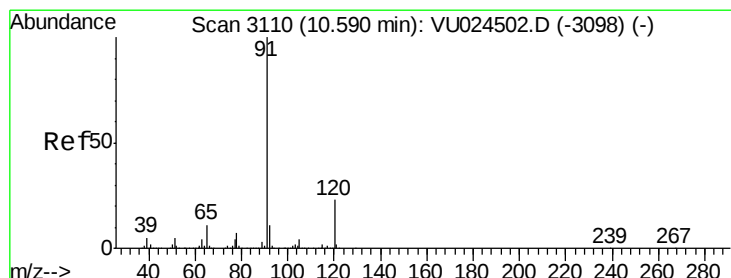
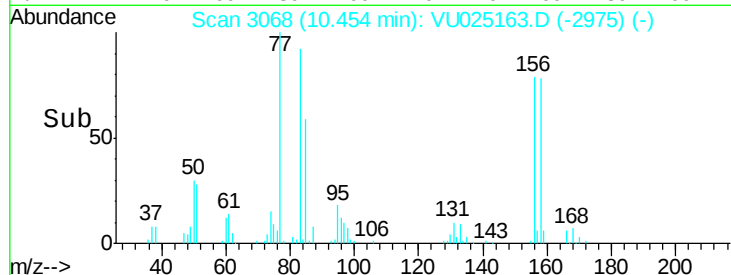
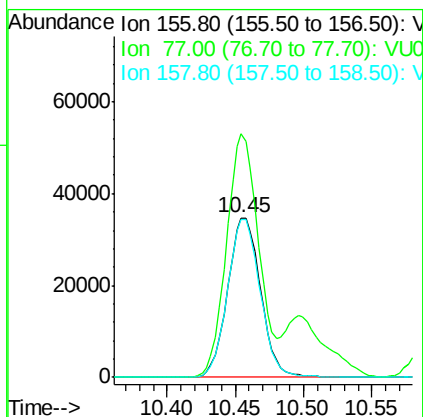
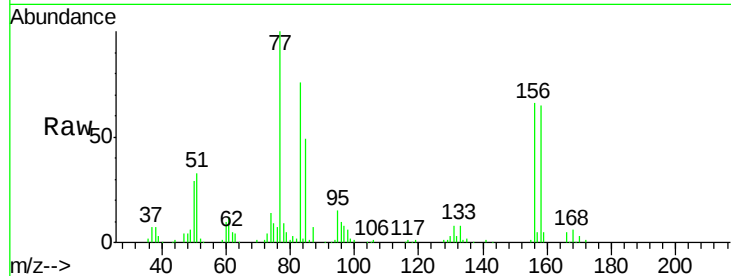
ClientSampleId :

VU0702WBS03

Tot Ion:	156	Resp:	58247
Ion Ratio	Lower	Upper	
156	100		
77	149.1	80.5	241.3
158	98.2	48.2	144.6

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#78

n-propylbenzene

Concen: 21.10 ug/l

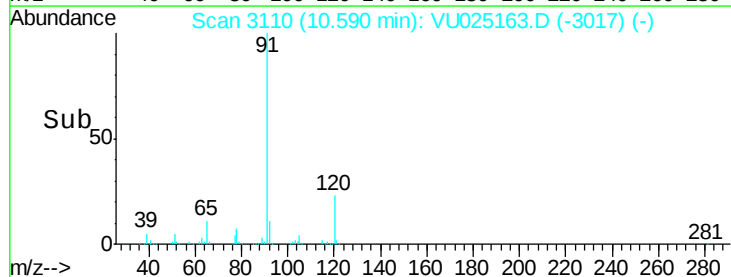
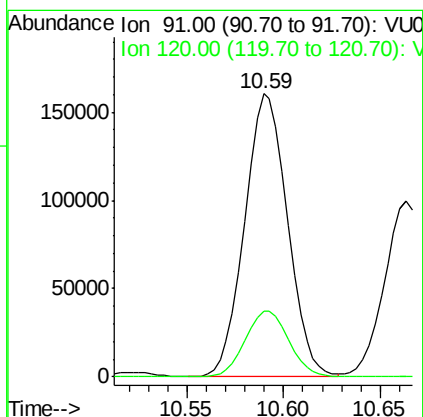
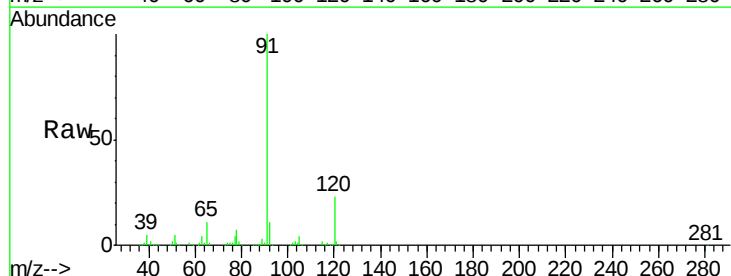
RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Tgt Ion:	91	Resp:	247251
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.2	33.5





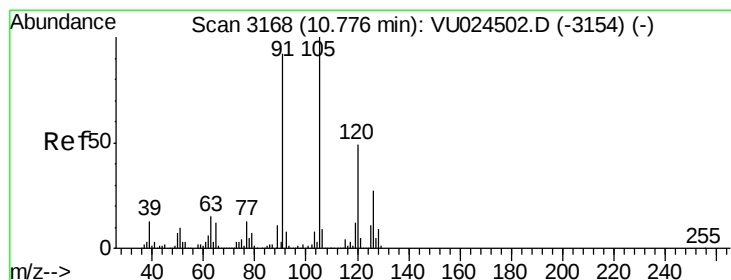
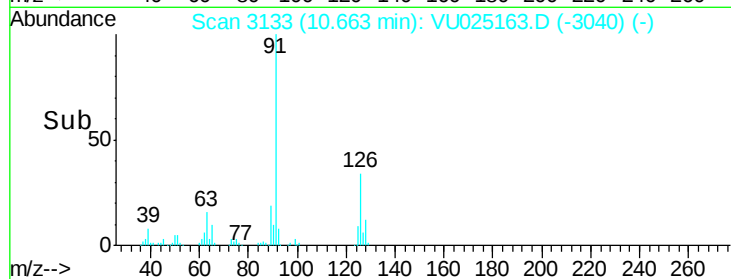
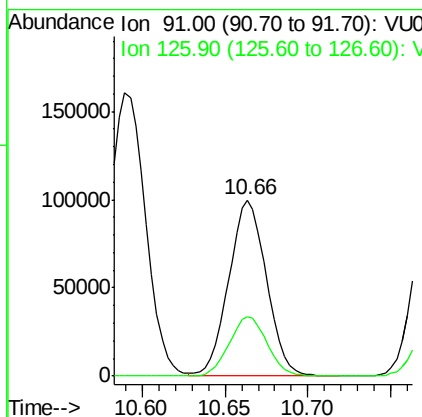
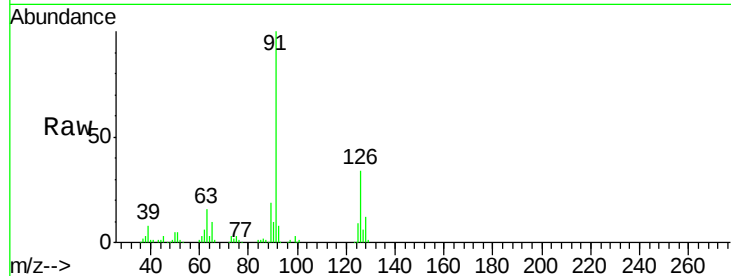
#79
2-Chlorotoluene
Concen: 22.63 ug/l
RT: 10.66 min Scan# 3133
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
126	34.3	16.9	50.7	

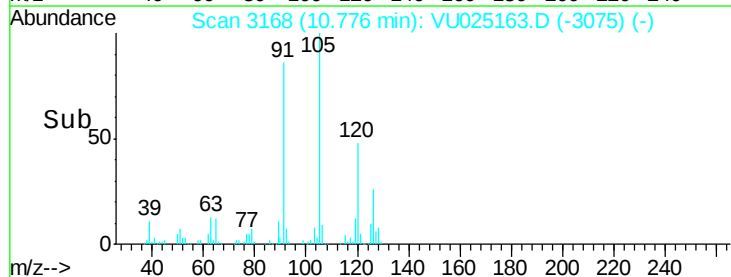
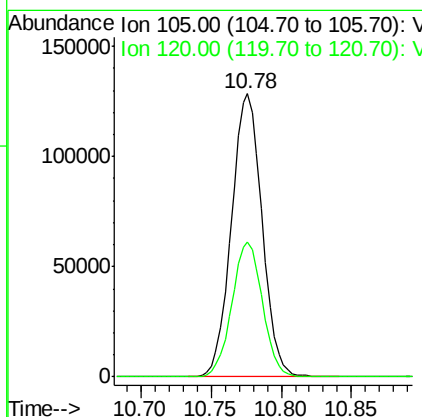
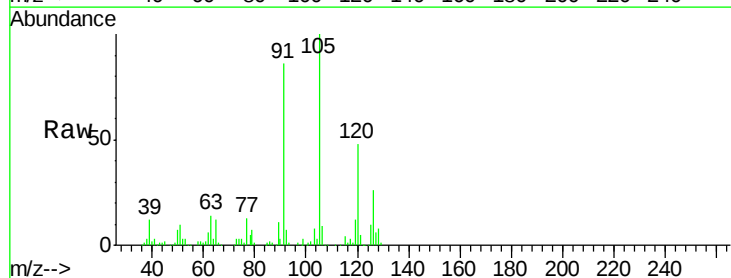
Manual Integrations
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#80
1,3,5-Trimethylbenzene
Concen: 22.65 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
120	47.5	24.1	72.2	





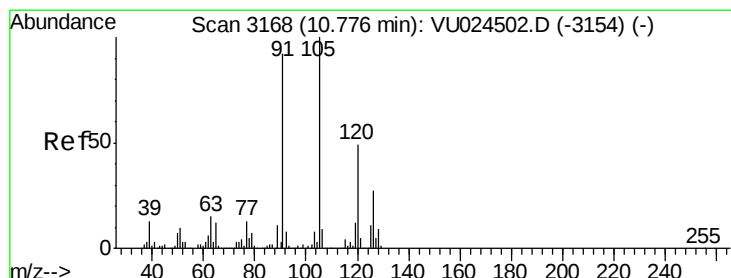
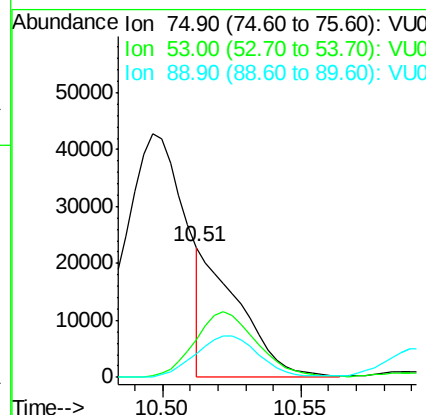
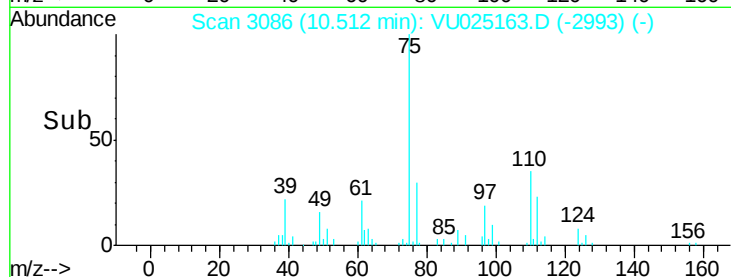
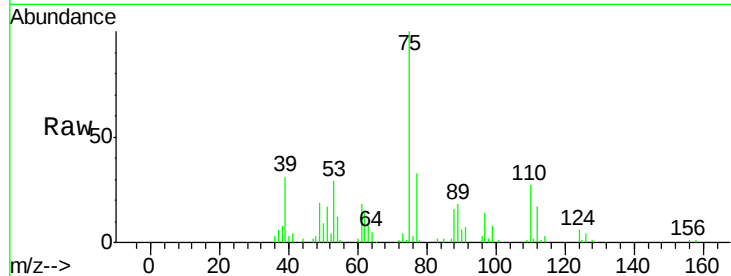
#81
trans-1,4-Dichloro-2-butene
Concen: 17.90 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

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

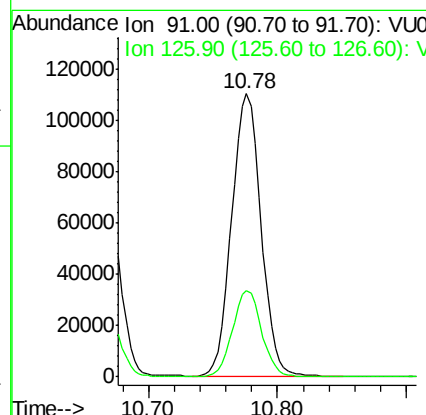
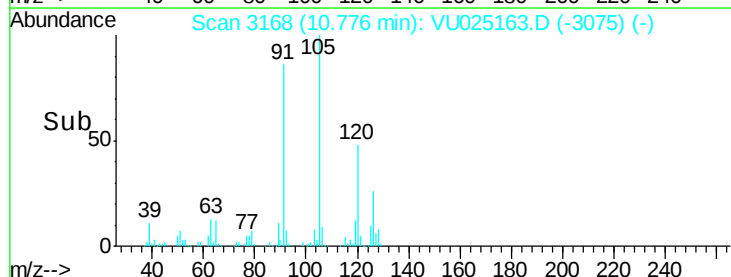
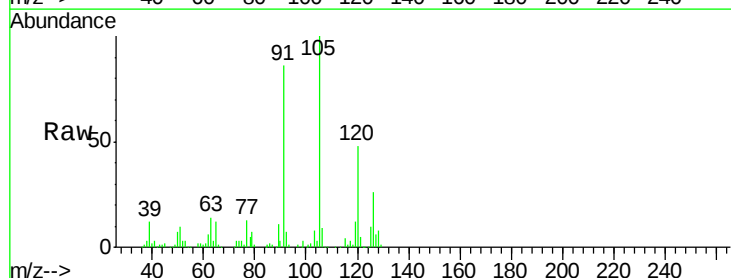
Manual Integrations
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sam
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#82
4-Chlorotoluene
Concen: 21.60 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	14.9	44.9





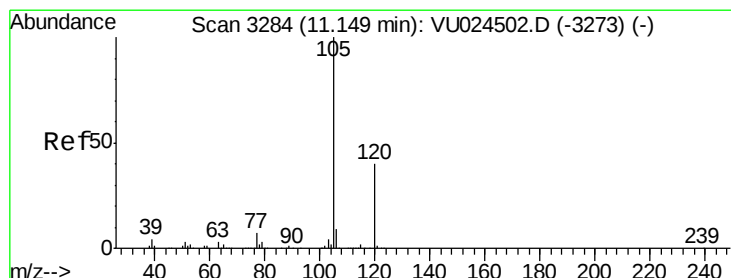
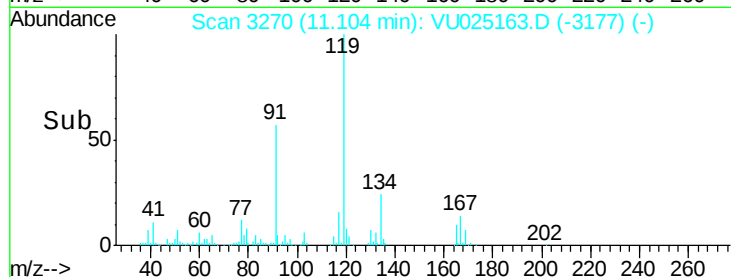
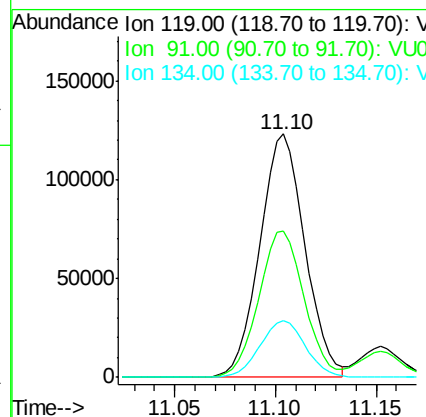
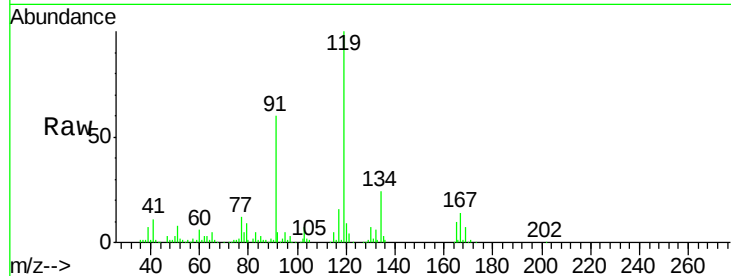
#83
tert-Butylbenzene
Concen: 23.09 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.8	29.7	89.1
134	23.4	11.6	34.7

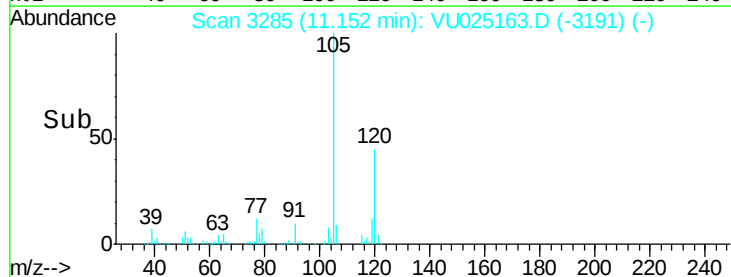
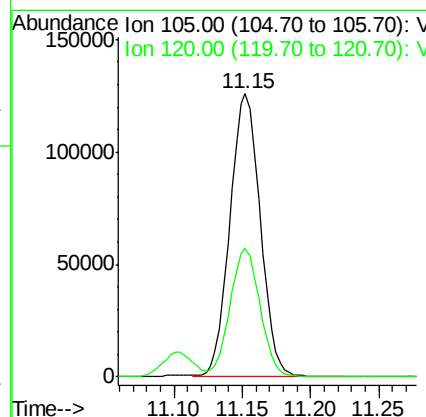
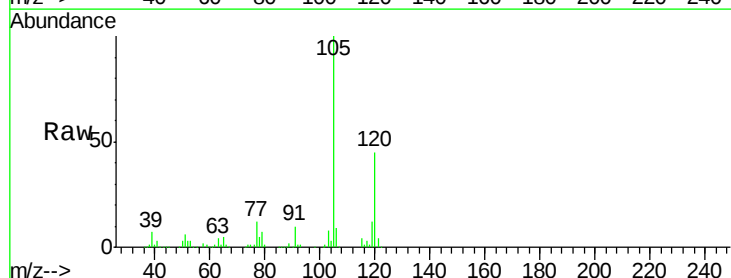
Manual Integrations
APPROVED

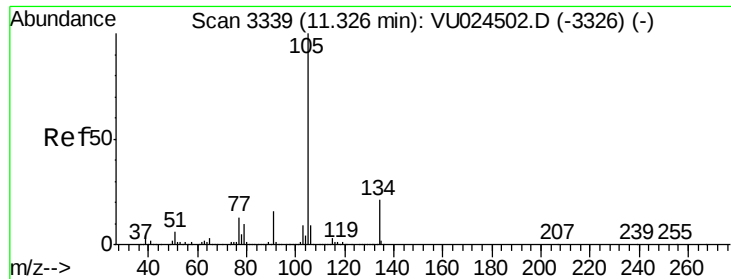
sam
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#84
1,2,4-Trimethylbenzene
Concen: 22.09 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.8





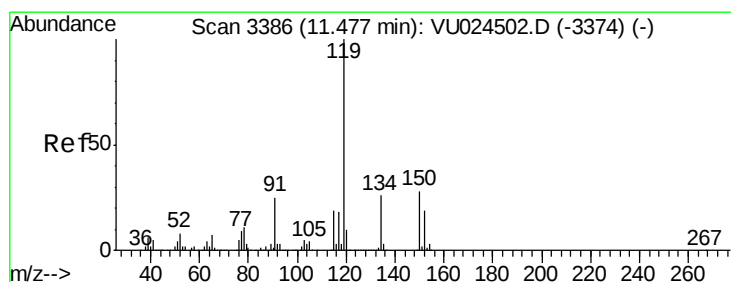
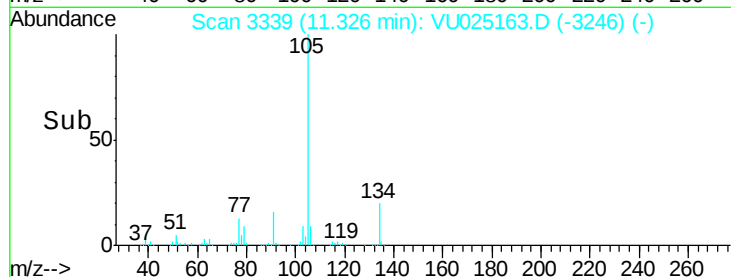
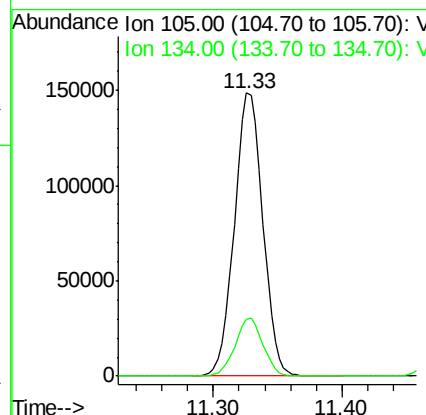
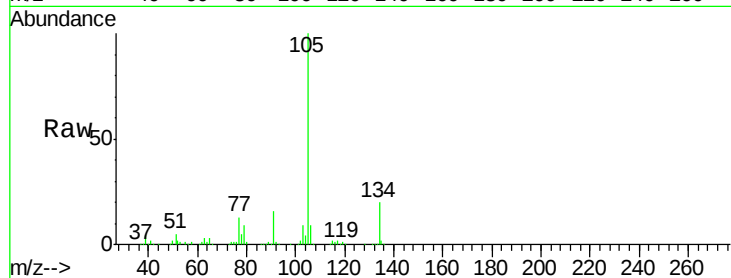
#85
 sec-Butylbenzene
 Concen: 21.92 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS03

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.7	29.1

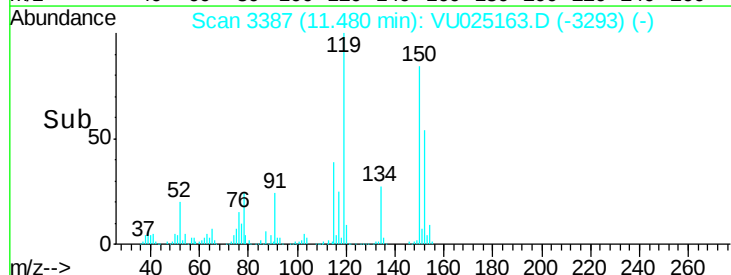
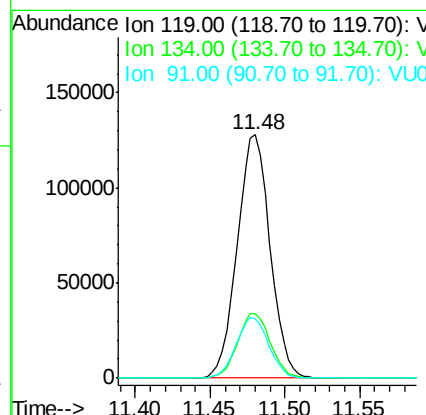
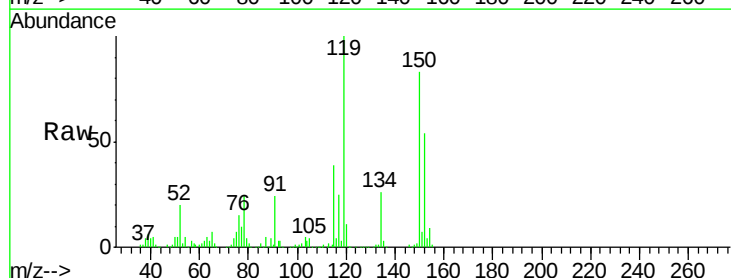
Manual Integrations
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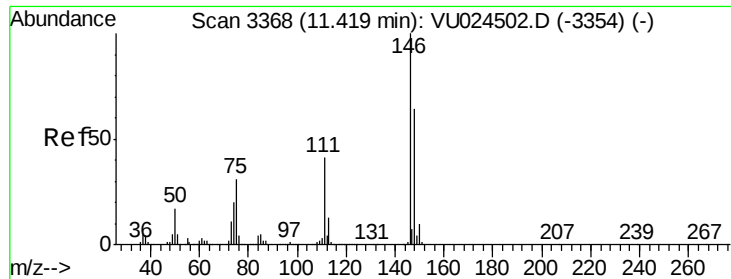
sam
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#86
 p-Isopropyltoluene
 Concen: 21.04 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	12.9	38.6
91	24.6	12.0	36.1





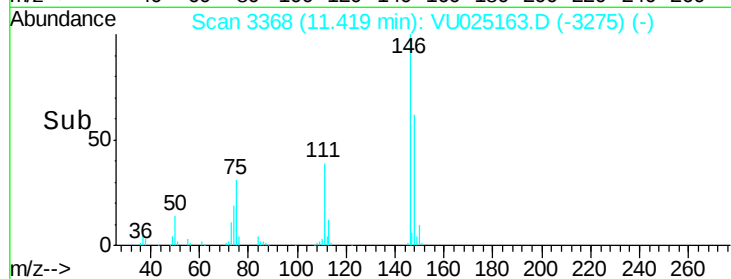
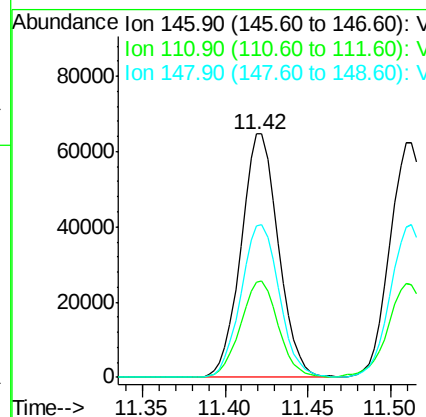
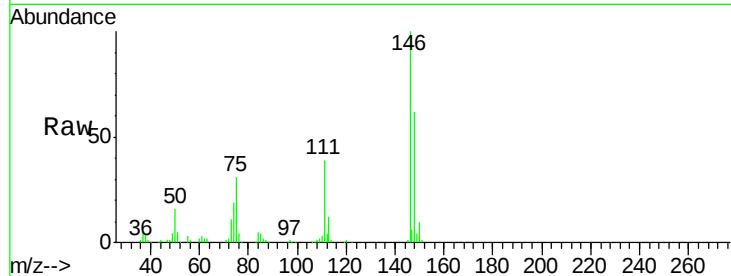
#87
 1,3-Dichlorobenzene
 Concen: 21.83 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	64.1	32.1	96.5

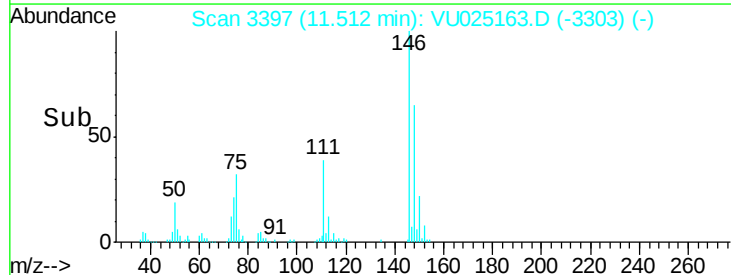
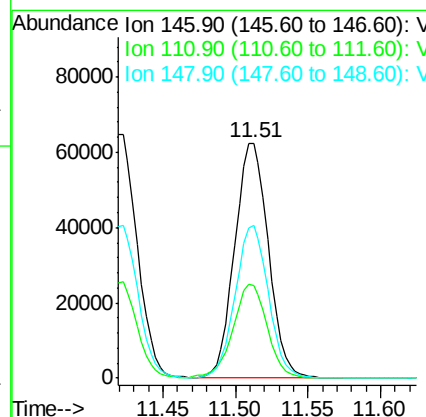
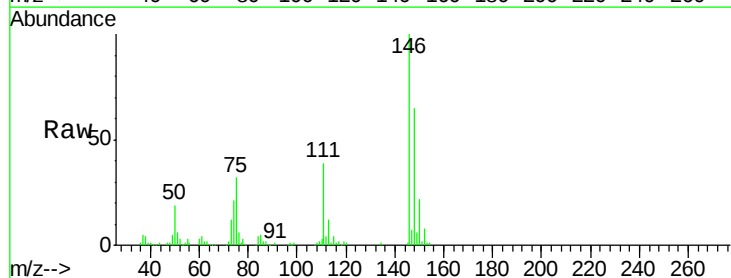
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 21.47 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.5	58.5
148	64.5	32.4	97.0





#89
n-Butylbenzene
Concen: 18.09 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

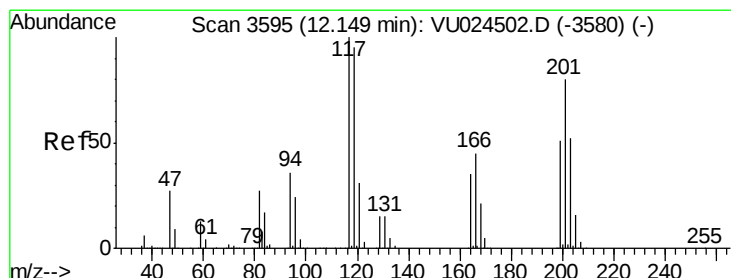
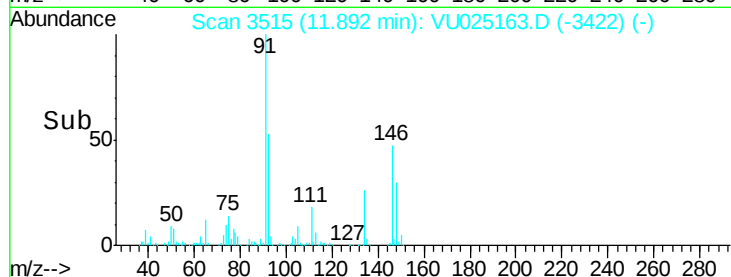
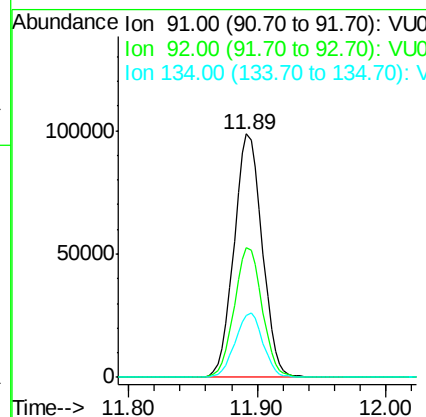
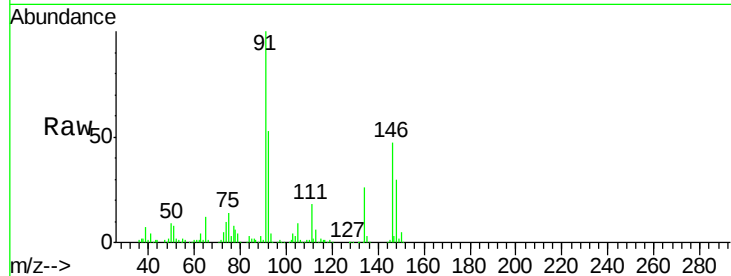
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	25.6	76.8
134	26.1	12.3	36.8

Manual Integrations
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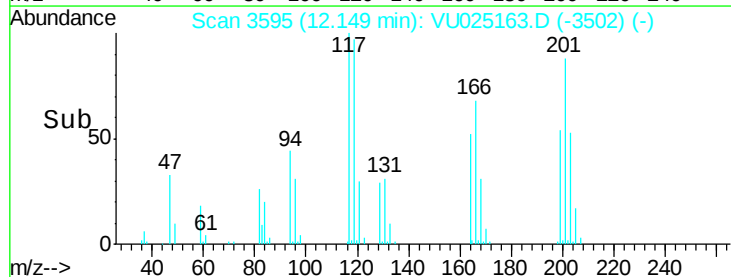
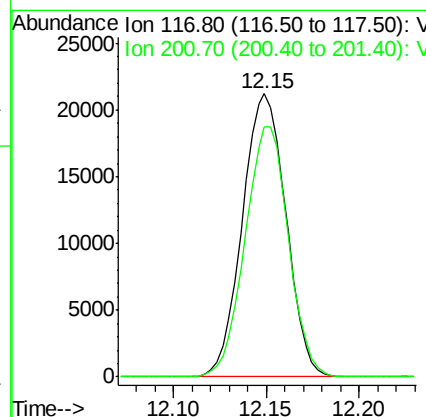
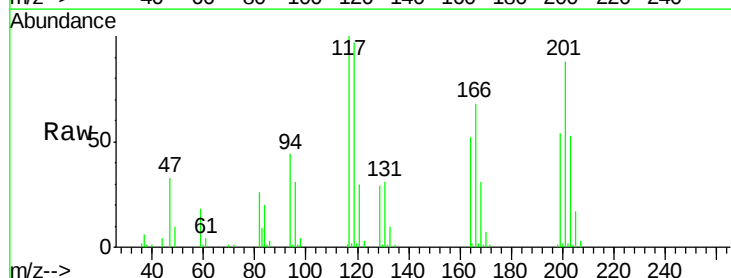
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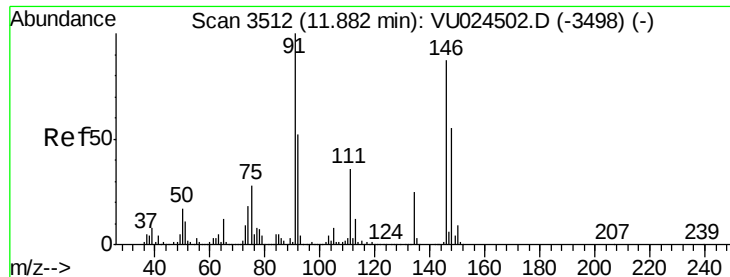
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#90
Hexachloroethane
Concen: 19.13 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.8	41.1	123.3





#91
 1,2-Dichlorobenzene
 Concen: 22.85 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

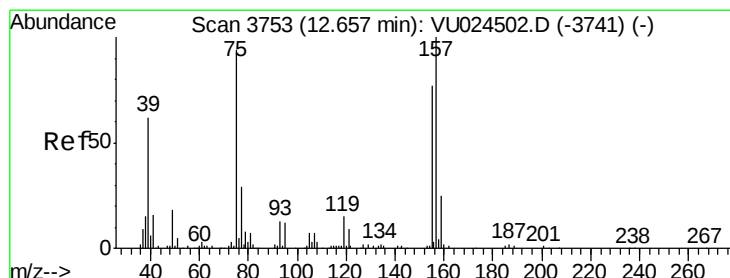
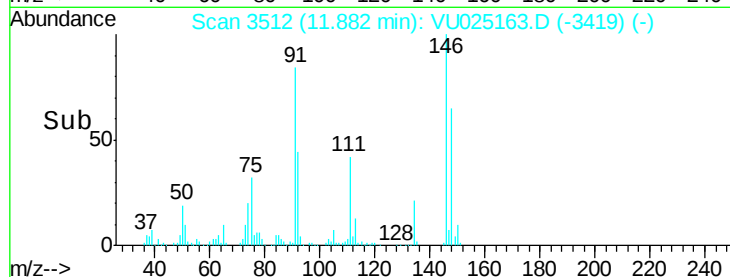
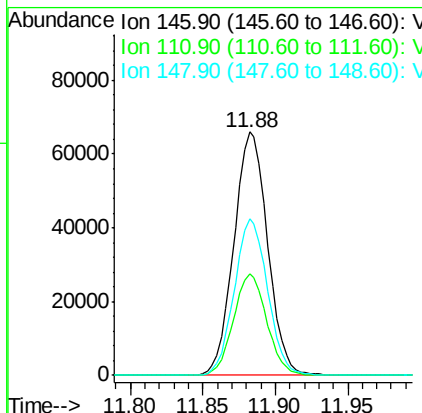
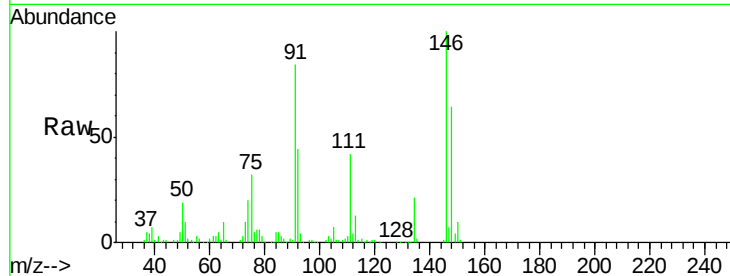
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.5	61.6
148	63.6	31.9	95.7

Manual Integrations
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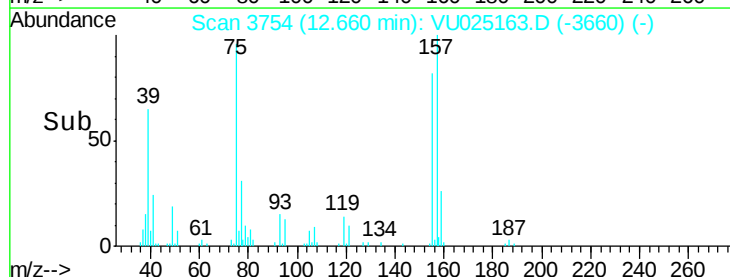
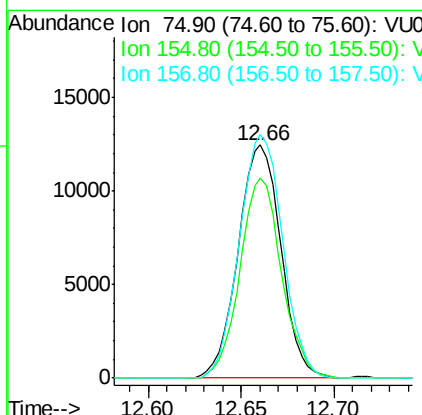
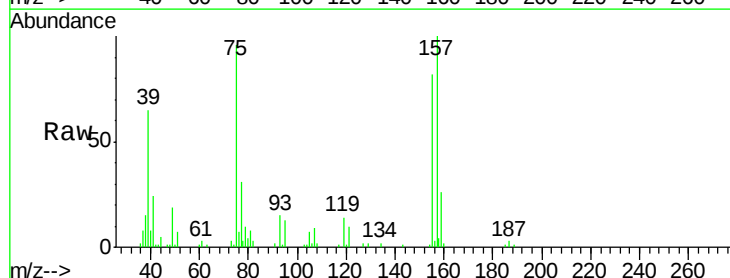
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.77 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.6	40.4	121.2
157	106.2	52.3	156.8





#93
 1,2,4-Trichlorobenzene
 Concen: 21.40 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

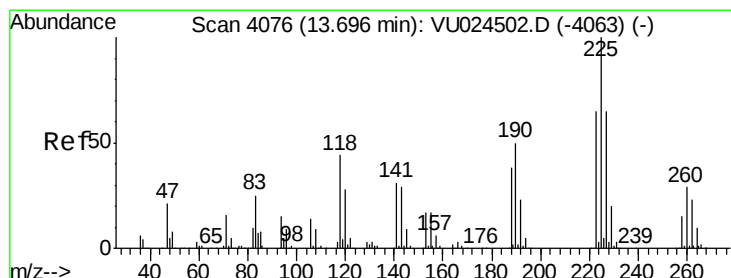
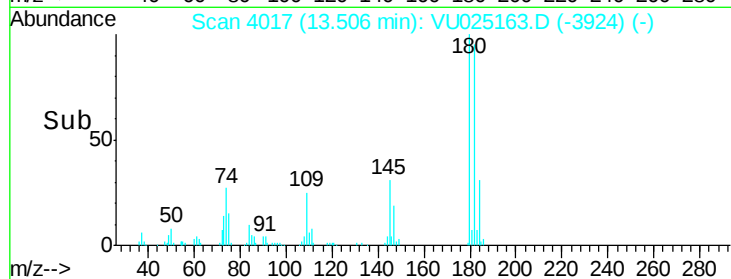
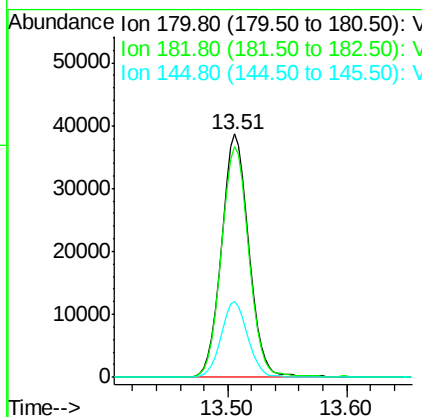
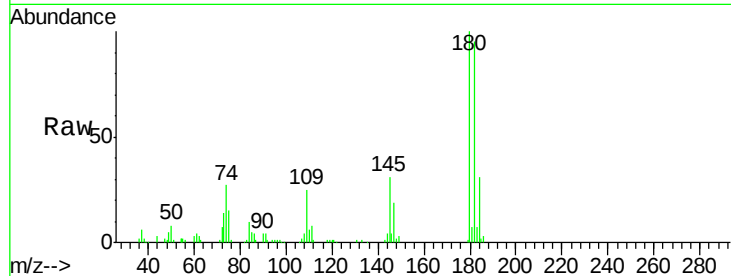
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS03

Tot Ion:	180	Resp:	61584
Ion Ratio	Lower	Upper	
180	100		
182	95.2	48.0	144.2
145	30.3	14.7	44.1

Manual Integrations
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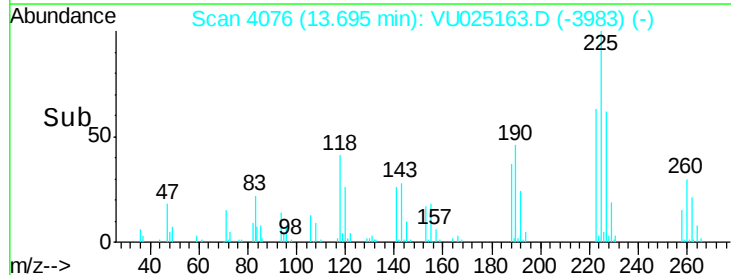
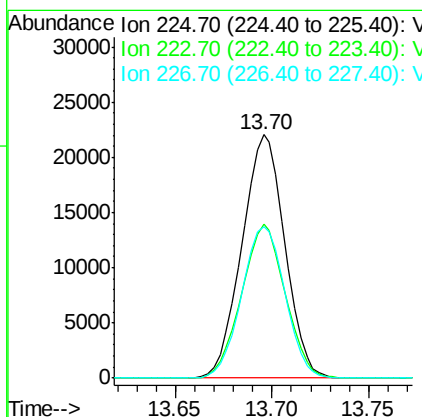
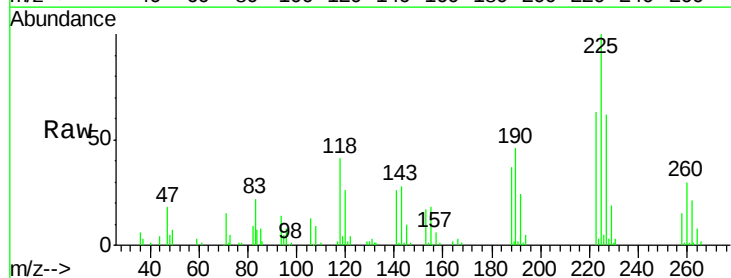
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#94
 Hexachlorobutadiene
 Concen: 20.97 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Tgt Ion:	225	Resp:	33967
Ion Ratio	Lower	Upper	
225	100		
223	64.2	31.3	93.8
227	62.8	31.8	95.4





#95

Naphthalene

Concen: 22.83 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

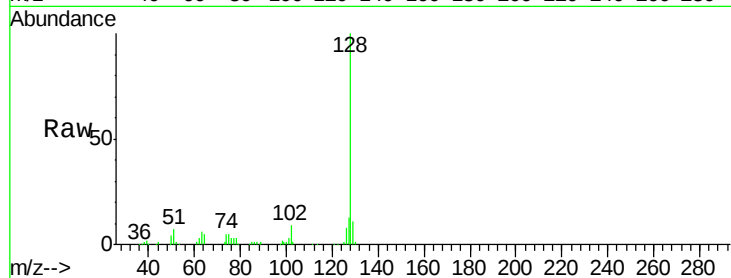
Tot Ion:	128	Resp:	213975
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	10.6	8.6	12.8

Manual Integrations
APPROVED

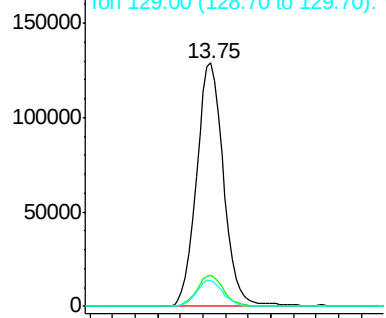
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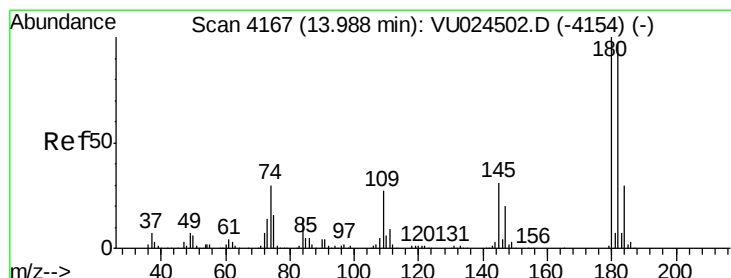
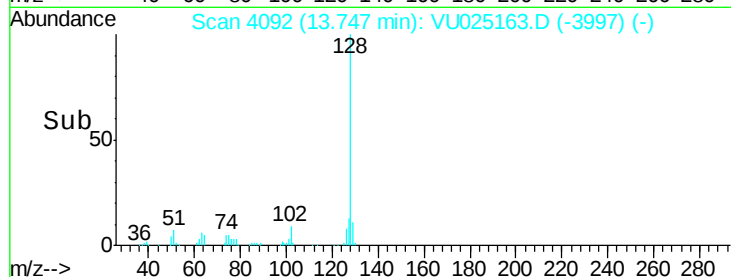
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Abundance Ion 128.00 (127.70 to 128.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 23.25 ug/l

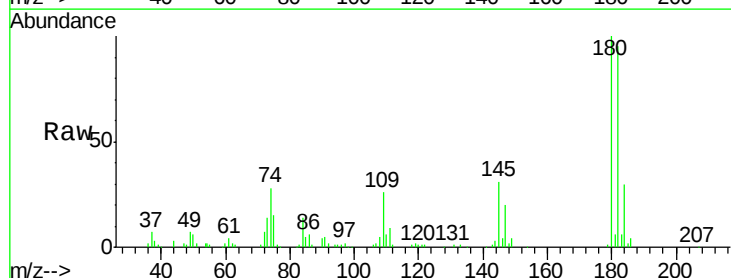
RT: 13.99 min Scan# 4167

Delta R.T. -0.00 min

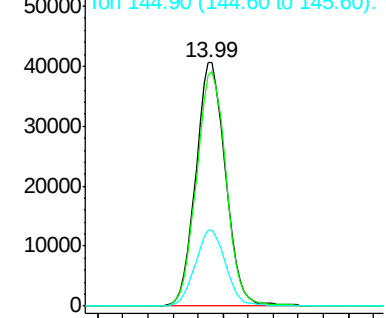
Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Tgt Ion:	180	Resp:	66679
Ion Ratio	Lower	Upper	
180	100		
182	96.3	47.9	143.7
145	31.9	15.4	46.1



Abundance Ion 179.80 (179.50 to 180.50): V



Time-->

