

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025162.D
 Acq On : 02 Jul 2018 23:45
 Operator : MD/SY
 Sample : VU0702WBS02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS02

Manual Integrations
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 7/3/2018 3:52:52 PM

Quant Time: Jul 03 06:51:15 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	162647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	251987	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	234352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	131911	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	128638	48.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.90%	
35) Dibromofluoromethane	4.89	113	104972	50.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.38%	
50) Toluene-d8	7.57	98	328267	43.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.06%	
62) 4-Bromofluorobenzene	10.31	95	138483	45.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	34835	17.11	ug/l	99
3) Chloromethane	1.33	50	38754	18.63	ug/l	100
4) Vinyl Chloride	1.40	62	41659	19.42	ug/l	96
5) Bromomethane	1.62	94	25487	24.58	ug/l	99
6) Chloroethane	1.70	64	27215	22.12	ug/l	98
7) Trichlorofluoromethane	1.89	101	67555	20.64	ug/l	99
8) Diethyl Ether	2.10	74	26057	22.35	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	39412	19.41	ug/l	96
10) Methyl Iodide	2.41	142	39970	26.09	ug/l	96
11) Tert butyl alcohol	2.82	59	74542	115.43	ug/l	99
12) 1,1-Dichloroethene	2.28	96	37286	20.13	ug/l	98
13) Acrolein	2.19	56	8446	24.91	ug/l	86
14) Allyl chloride	2.59	41	61957	18.02	ug/l	98
15) Acrylonitrile	2.94	53	140861	112.11	ug/l	99
16) Acetone	2.32	43	136223	95.48	ug/l	100
17) Carbon Disulfide	2.48	76	100248	16.90	ug/l	98
18) Methyl Acetate	2.62	43	86602	28.32	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	151014	21.69	ug/l	94
20) Methylene Chloride	2.70	84	50691	22.64	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	40617	19.91	ug/l	98
22) Diisopropyl ether	3.57	45	145201	21.30	ug/l	97
23) Vinyl Acetate	3.53	43	594268	97.32	ug/l	100
24) 1,1-Dichloroethane	3.45	63	83158	21.21	ug/l	99
25) 2-Butanone	4.26	43	206275	107.64	ug/l	98
26) 2,2-Dichloropropane	4.23	77	52026	13.97	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	48489	20.68	ug/l	98
28) Bromochloromethane	4.55	49	35470	20.54	ug/l	85
29) Tetrahydrofuran	4.63	42	129887	109.45	ug/l	97
30) Chloroform	4.68	83	87101	21.94	ug/l	98
31) Cyclohexane	5.00	56	73047	19.78	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	79508	21.66	ug/l	97
36) 1,1-Dichloropropene	5.14	75	58706	19.83	ug/l	97
37) Ethyl Acetate	4.38	43	74925	23.22	ug/l	99
38) Carbon Tetrachloride	5.14	117	67864	20.84	ug/l	98

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Manual Integrations
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Quant Time: Jul 03 06:51:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	71895	19.46	ug/l	95
40) Benzene	5.39	78	178727	21.18	ug/l	100
41) Methacrylonitrile	4.54	41	40993	23.56	ug/l	98
42) 1,2-Dichloroethane	5.41	62	75749	23.57	ug/l	98
43) Isopropyl Acetate	5.55	43	119218	21.37	ug/l	99
44) Trichloroethene	6.19	130	48767	20.31	ug/l	97
45) 1,2-Dichloropropane	6.44	63	47908	21.28	ug/l	97
46) Dibromomethane	6.56	93	34519	21.83	ug/l	94
47) Bromodichloromethane	6.76	83	65280	20.73	ug/l #	97
48) Methyl methacrylate	6.63	41	61722	22.72	ug/l	97
49) 1,4-Dioxane	6.62	88	28633	538.99	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	391286	111.64	ug/l	99
52) Toluene	7.64	92	114923	21.17	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	65336	18.48	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	69842	18.54	ug/l	95
55) 1,1,2-Trichloroethane	8.07	97	47346	21.46	ug/l	100
56) Ethyl methacrylate	8.02	69	76535	20.72	ug/l	98
57) 1,3-Dichloropropane	8.25	76	82480	22.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	133658	94.47	ug/l	96
59) 2-Hexanone	8.36	43	306572	107.14	ug/l	100
60) Dibromochloromethane	8.48	129	51514	18.72	ug/l	99
61) 1,2-Dibromoethane	8.59	107	52175	21.24	ug/l	97
64) Tetrachloroethene	8.23	164	50549	22.69	ug/l	96
65) Chlorobenzene	9.12	112	130329	21.77	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	48909	21.50	ug/l	97
67) Ethyl Benzene	9.25	91	222224	21.17	ug/l	99
68) m/p-Xylenes	9.38	106	171934	42.66	ug/l	98
69) o-Xylene	9.78	106	85560	21.45	ug/l	100
70) Styrene	9.80	104	135206	20.63	ug/l	99
71) Bromoform	9.96	173	39941	18.47	ug/l #	99
73) Isopropylbenzene	10.17	105	231683	22.88	ug/l	100
74) N-amyl acetate	10.01	43	99317	20.62	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	79018	23.28	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	68104m	23.45	ug/l	
77) Bromobenzene	10.45	156	59063	23.04	ug/l	95
78) n-propylbenzene	10.59	91	250026	20.96	ug/l	97
79) 2-Chlorotoluene	10.66	91	156148	22.19	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	193573	22.05	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	21348m	17.01	ug/l	
82) 4-Chlorotoluene	10.78	91	175601	21.44	ug/l	99
83) tert-Butylbenzene	11.10	119	191057	22.63	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	197224	22.05	ug/l	100
85) sec-Butylbenzene	11.33	105	228522	21.62	ug/l	98
86) p-Isopropyltoluene	11.48	119	200692	21.20	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	102841	21.71	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	99620	20.89	ug/l	99
89) n-Butylbenzene	11.89	91	151934	18.08	ug/l	98
90) Hexachloroethane	12.15	117	34880	18.89	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	106409	22.43	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19863	21.21	ug/l	96

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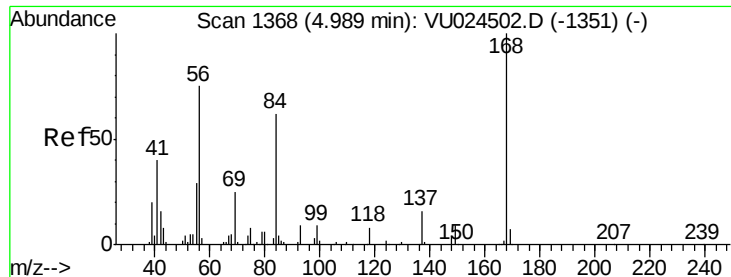
Manual Integrations
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Quant Time: Jul 03 06:51:15 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	59544	20.32	ug/l	99
94) Hexachlorobutadiene	13.70	225	33892	20.55	ug/l	98
95) Naphthalene	13.75	128	205604	21.59	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	65508	22.44	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

Tot Ion:168 Resp: 162647

Ion Ratio Lower Upper

168 100

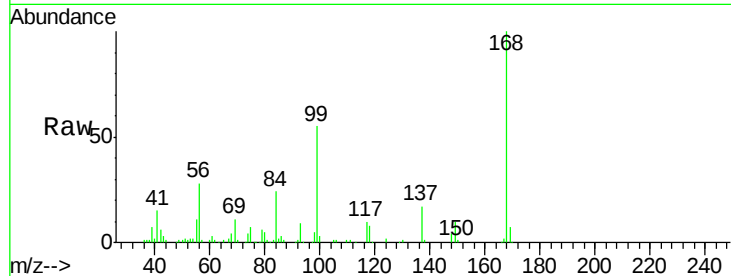
99 54.5 43.2 64.8

Manual Integrations

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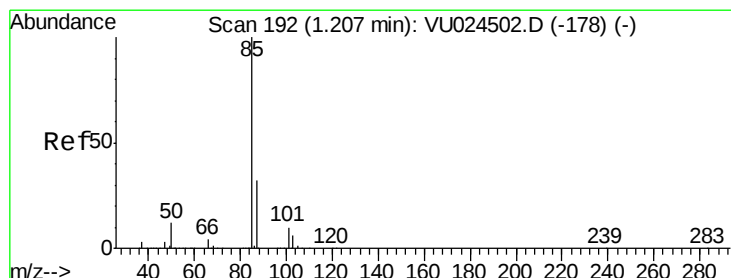
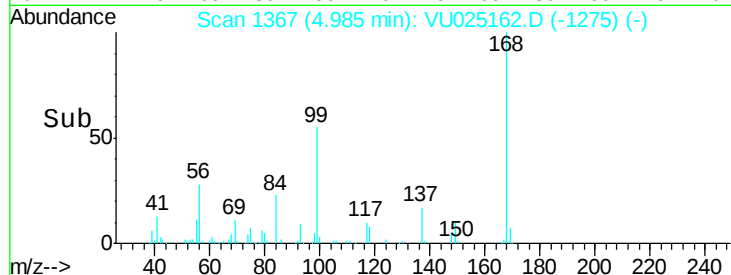
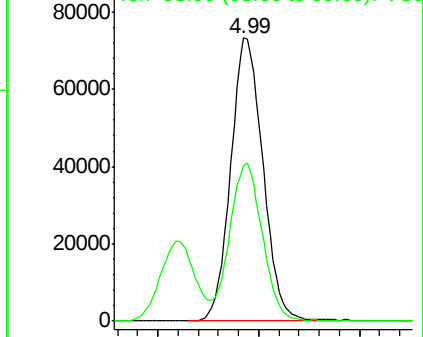
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 17.11 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025162.D

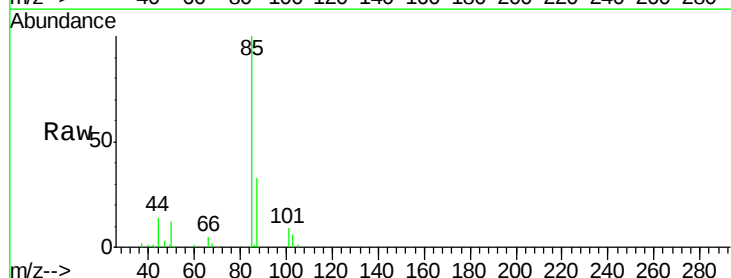
Acq: 02 Jul 2018 23:45

Tgt Ion: 85 Resp: 34835

Ion Ratio Lower Upper

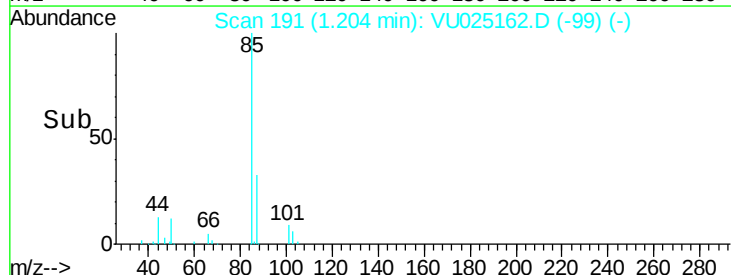
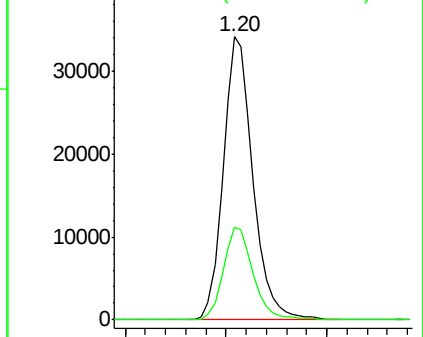
85 100

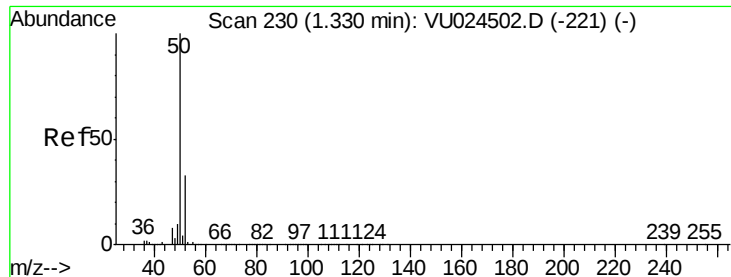
87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 18.63 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

Tot Ion: 50 Resp: 38754

Ion Ratio Lower Upper

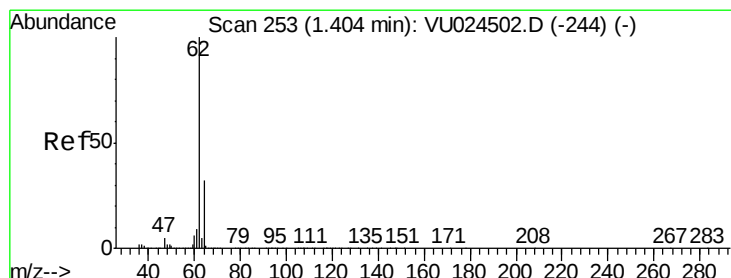
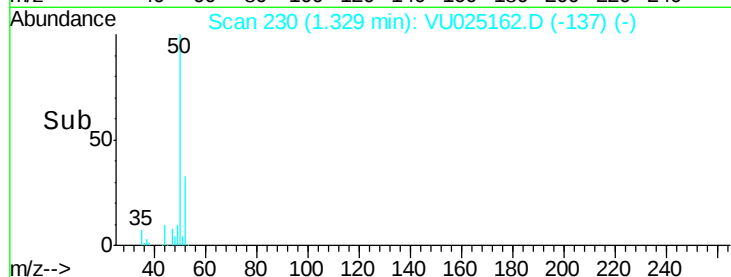
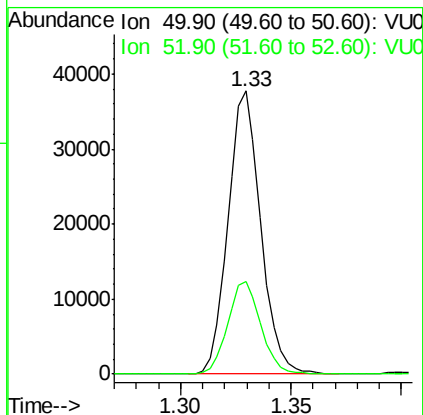
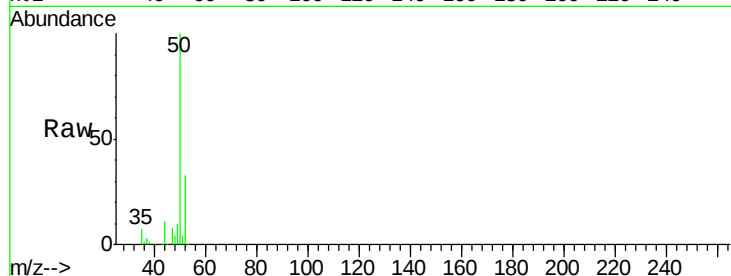
50 100

52 33.0 26.4 39.6

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#4

Vinyl Chloride

Concen: 19.42 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025162.D

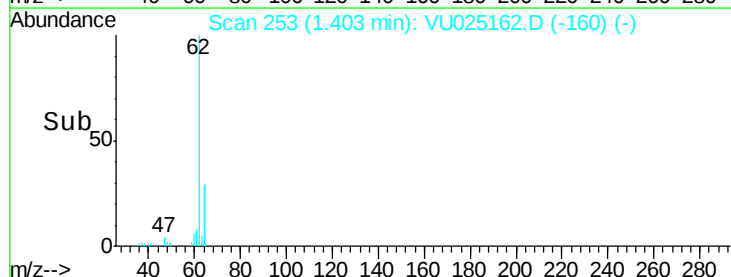
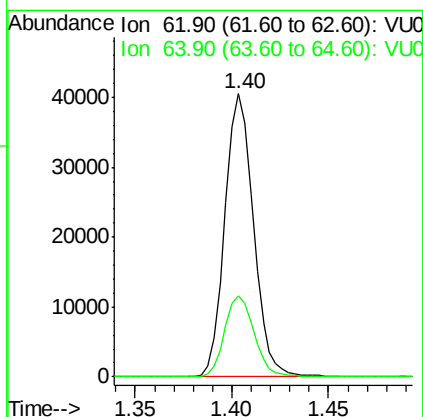
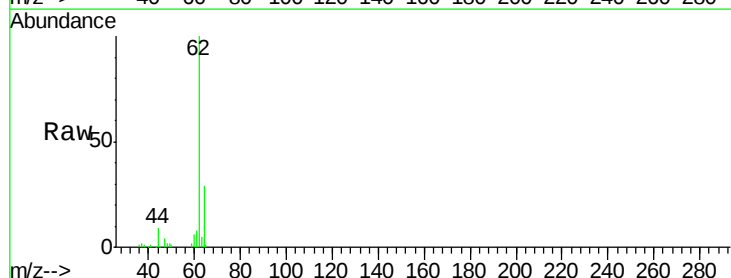
Acq: 02 Jul 2018 23:45

Tgt Ion: 62 Resp: 41659

Ion Ratio Lower Upper

62 100

64 28.8 24.8 37.2





#5

Bromomethane

Concen: 24.58 ug/l

RT: 1.62 min Scan# 320

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

Tot Ion: 94 Resp: 25487

Ion Ratio Lower Upper

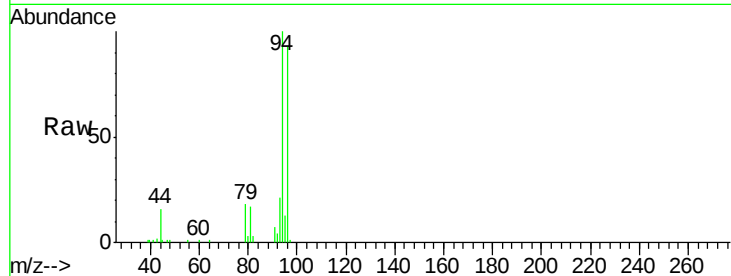
94 100

96 92.6 74.5 111.7

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.62

20000

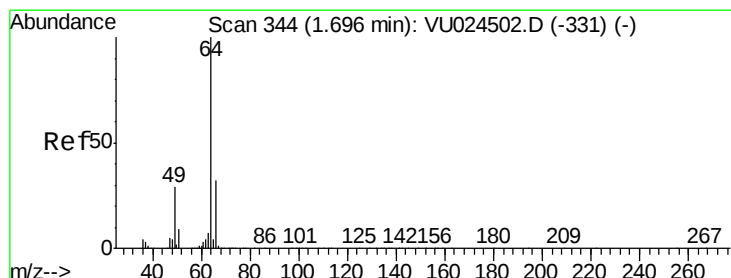
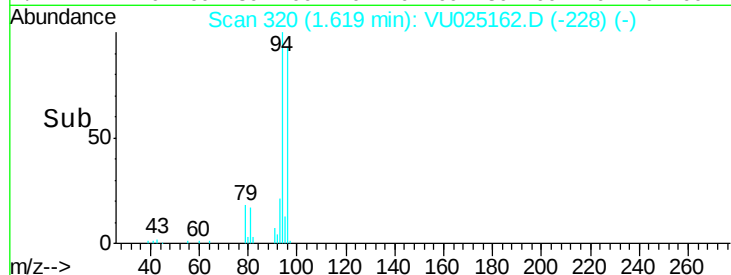
15000

10000

5000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 22.12 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU025162.D

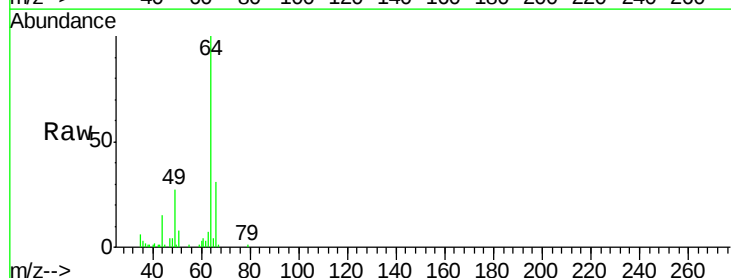
Acq: 02 Jul 2018 23:45

Tgt Ion: 64 Resp: 27215

Ion Ratio Lower Upper

64 100

66 30.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.70

20000

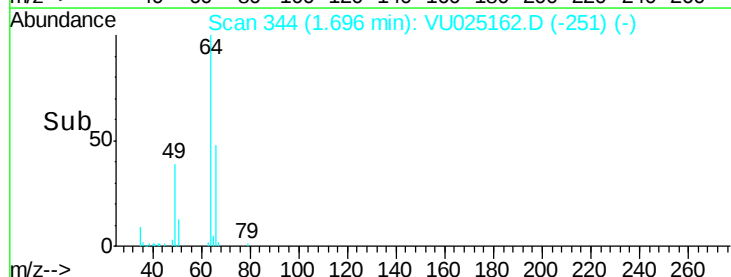
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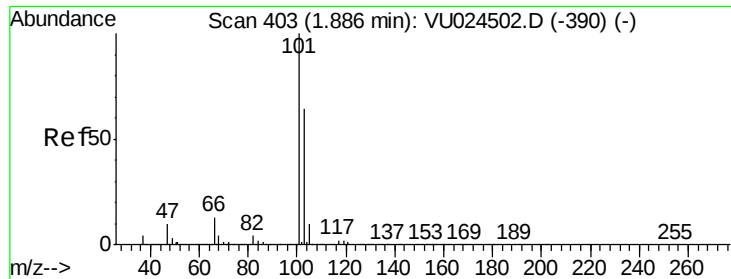
10000

5000

0

Time--> 1.65 1.70 1.75





#7

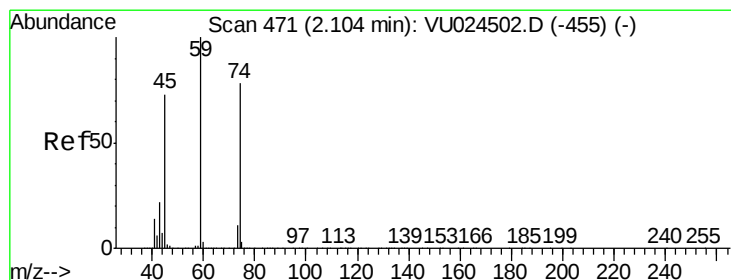
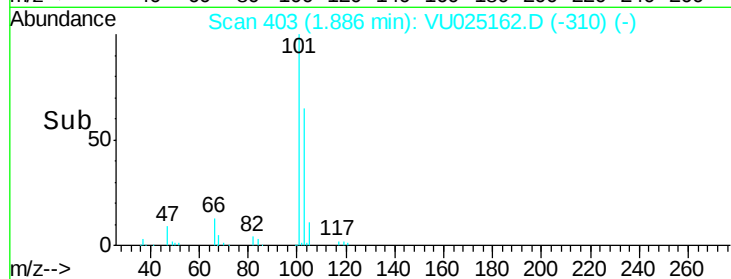
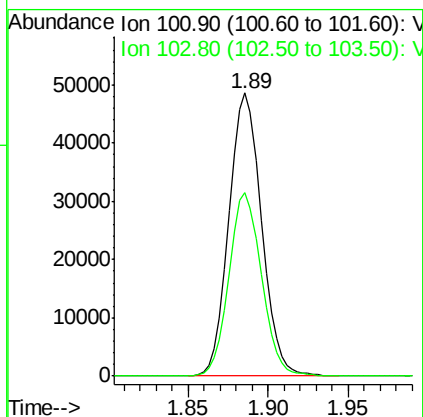
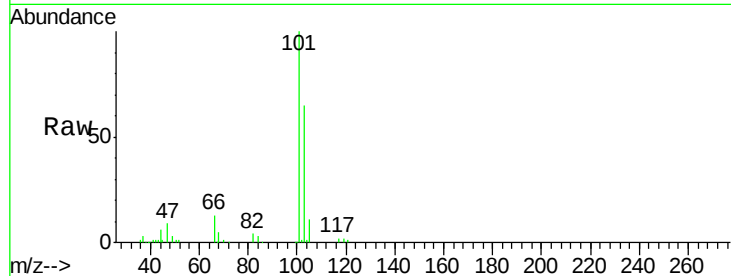
Trichlorofluoromethane
 Concen: 20.64 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU025162.D
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 VU0702WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.3	78.5

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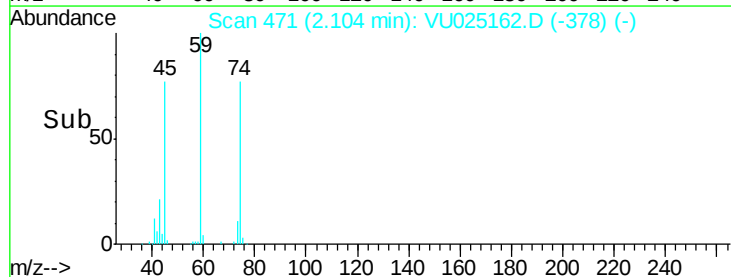
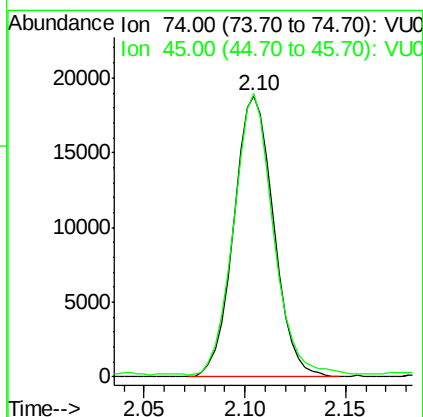
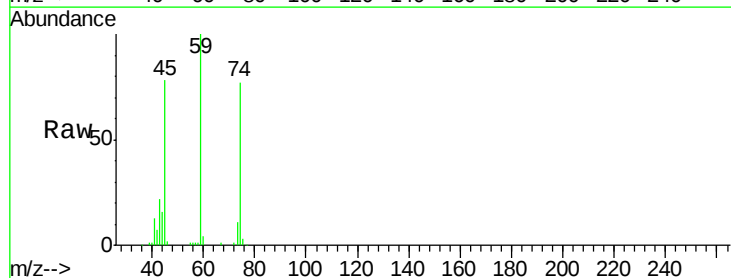
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#8

Diethyl Ether
 Concen: 22.35 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.5	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.41 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

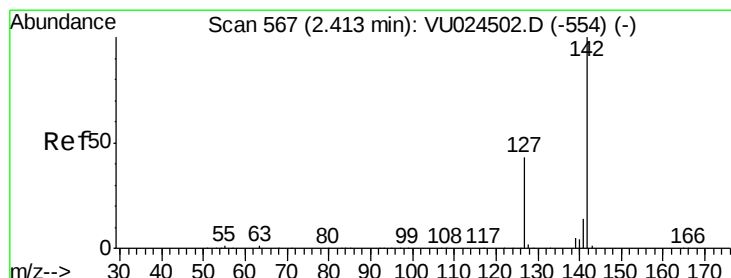
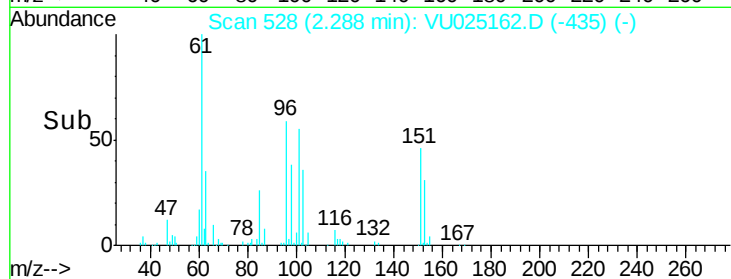
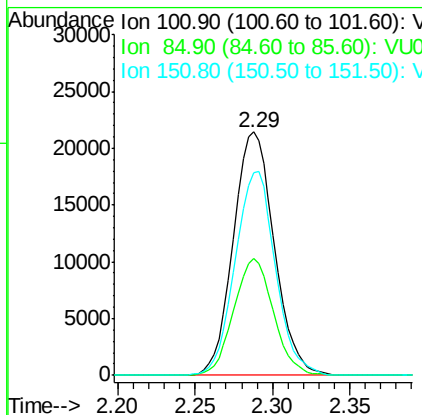
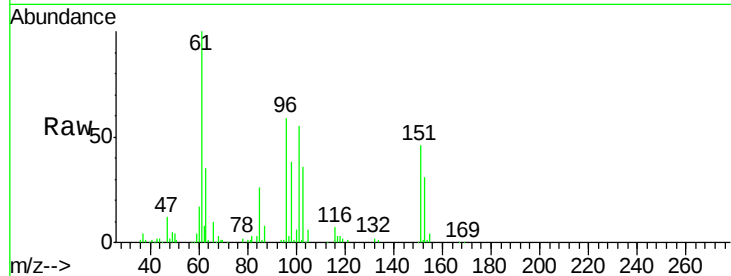
ClientSampleId :

VU0702WBS02

Tot Ion:	101	Resp:	39412
Ion Ratio	Lower	Upper	
101	100		
85	46.6	36.0	54.0
151	82.7	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 26.09 ug/l

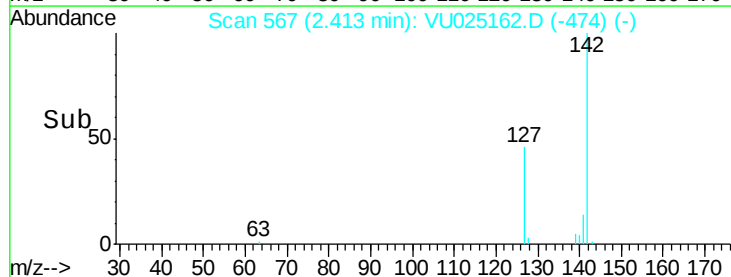
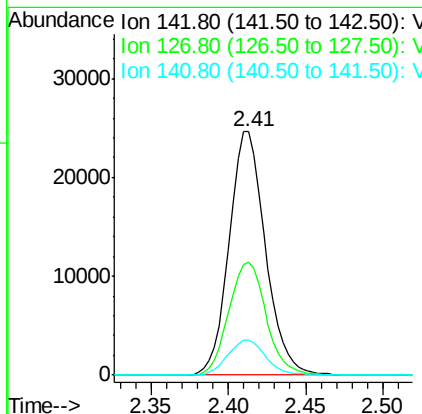
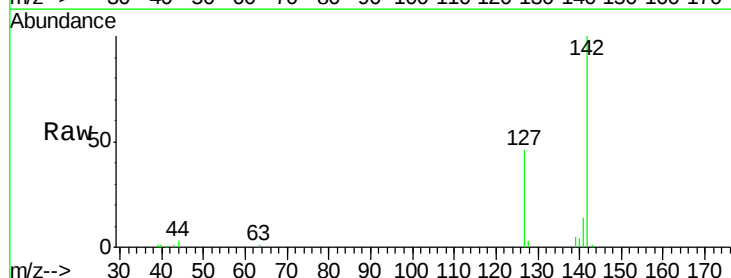
RT: 2.41 min Scan# 567

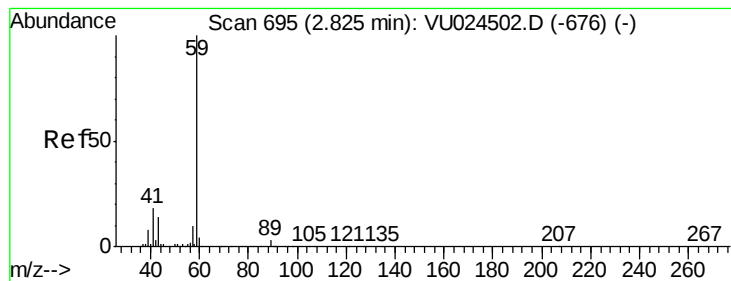
Delta R.T. 0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Tgt Ion:	142	Resp:	39970
Ion Ratio	Lower	Upper	
142	100		
127	47.8	35.6	53.4
141	14.8	11.7	17.5





#11

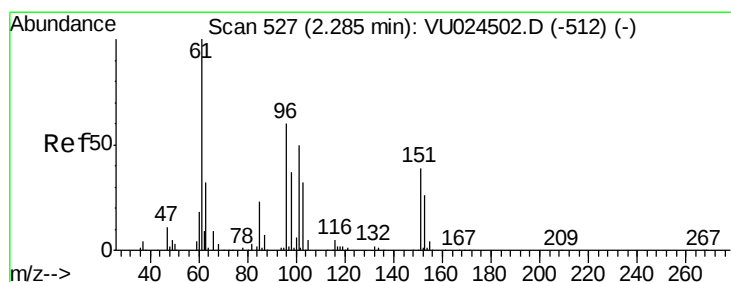
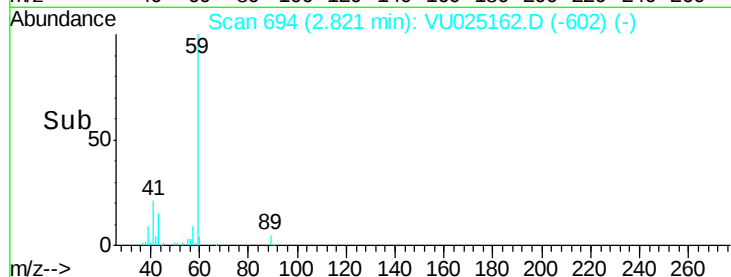
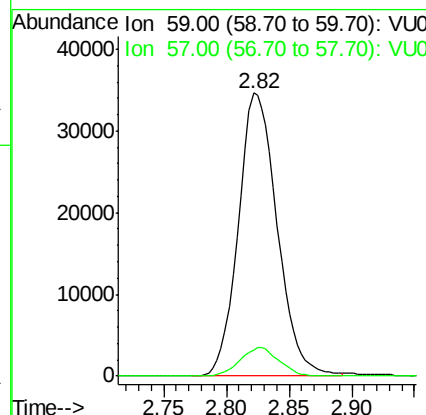
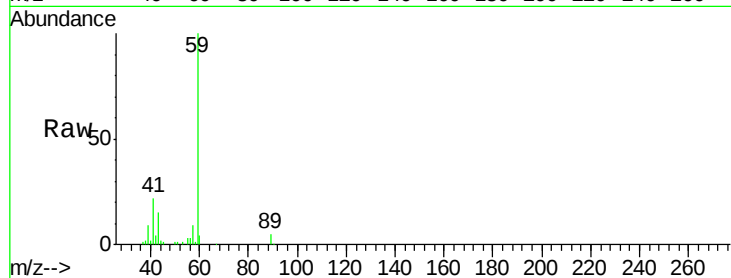
Tert butyl alcohol
 Concen: 115.43 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.5	12.7

Manual Integrations
 APPROVED

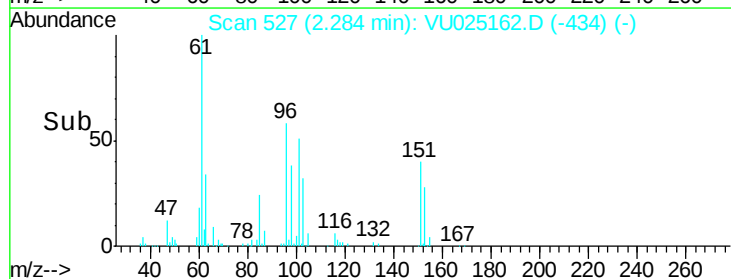
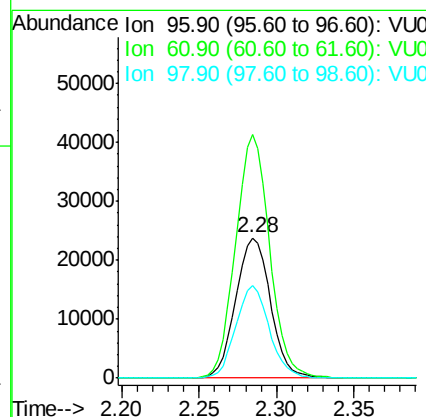
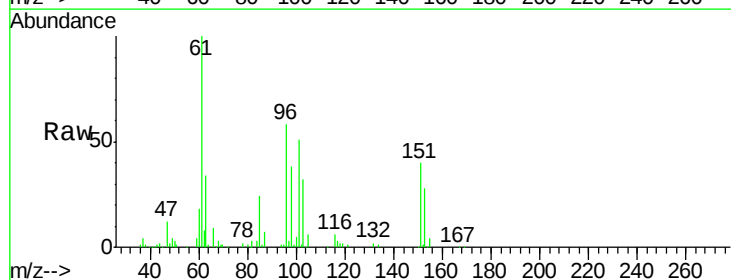
sam
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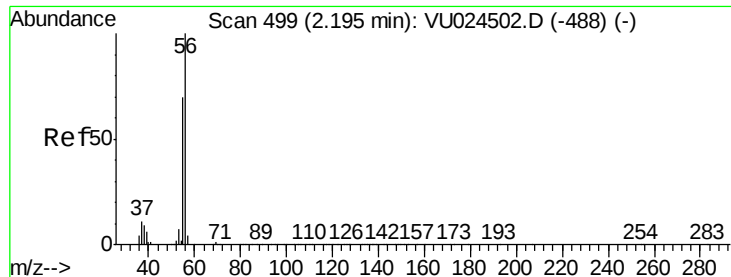


#12

1,1-Dichloroethene
 Concen: 20.13 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.8	141.7	212.5
98	66.0	51.6	77.4





#13

Acrolein

Concen: 24.91 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

Tot Ion: 56 Resp: 8446

Ion Ratio Lower Upper

56 100

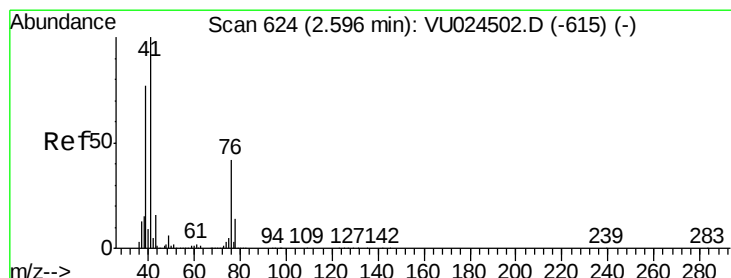
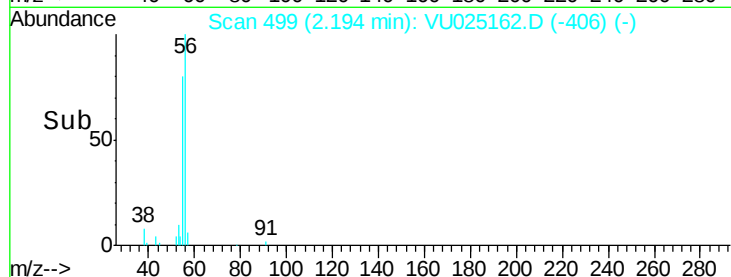
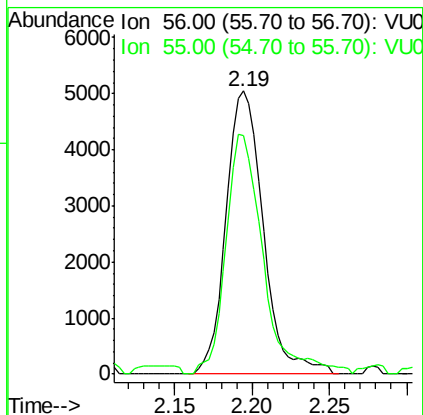
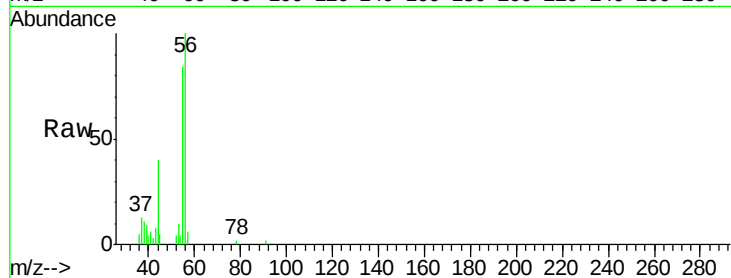
55 84.6 58.4 87.6

Manual Integrations

APPROVED

sam

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#14

Allyl chloride

Concen: 18.02 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

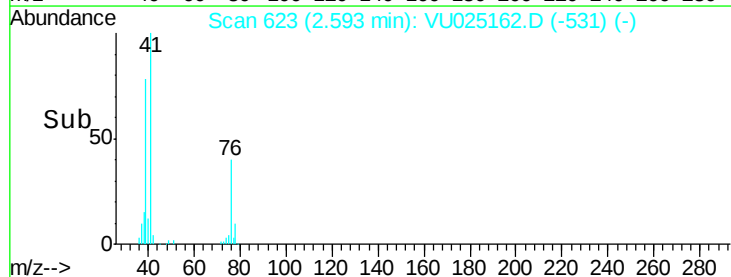
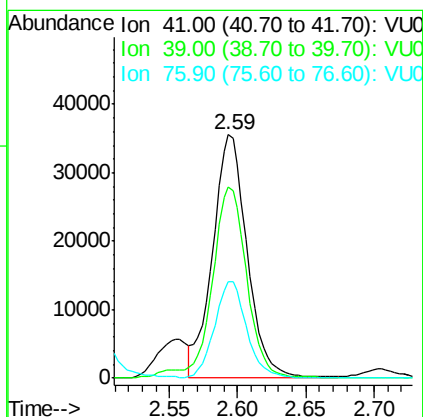
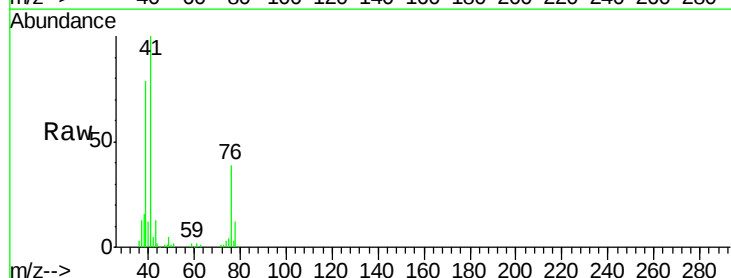
Tgt Ion: 41 Resp: 61957

Ion Ratio Lower Upper

41 100

39 80.1 61.6 92.4

76 37.1 29.7 44.5





#15

Acrylonitrile

Concen: 112.11 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

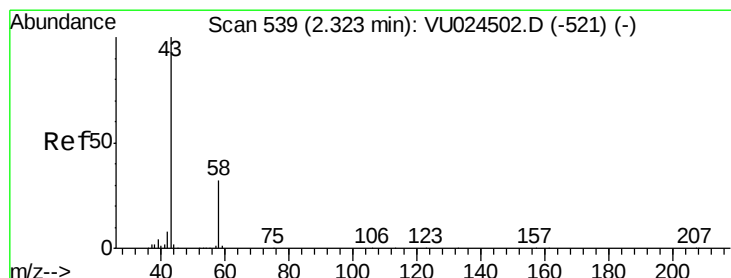
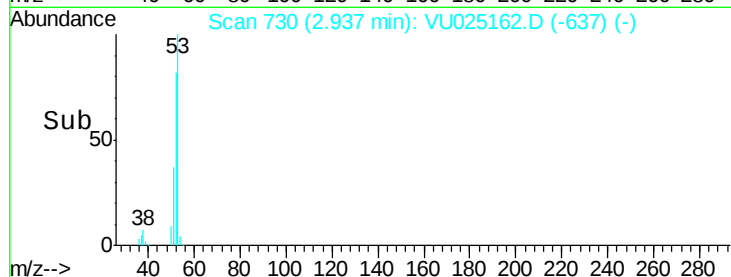
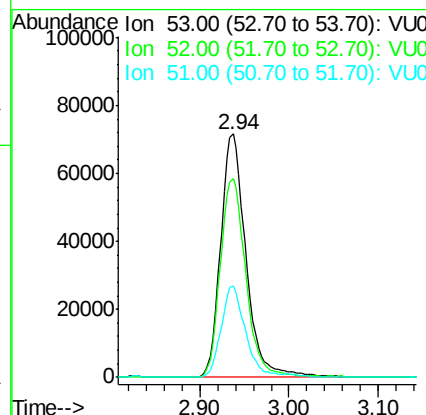
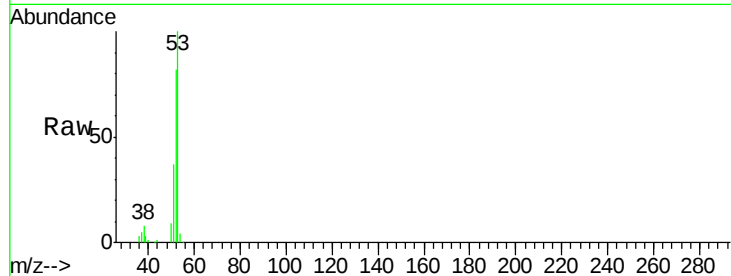
ClientSampleId :

VU0702WBS02

Tot Ion:	53	Resp:	140861
Ion	Ratio	Lower	Upper
53	100		
52	82.4	67.1	100.7
51	35.8	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 95.48 ug/l

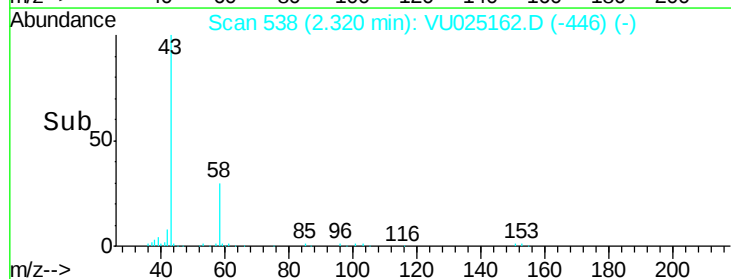
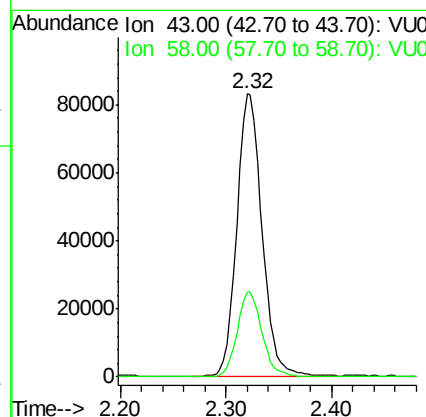
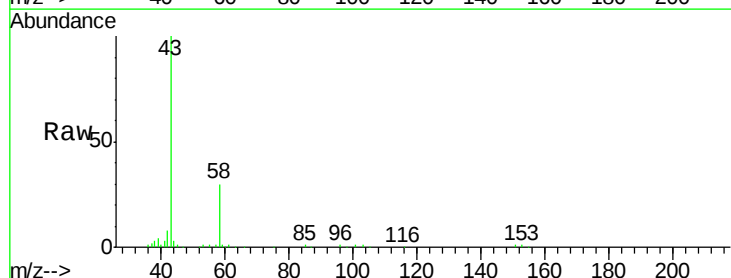
RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Tgt Ion:	43	Resp:	136223
Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.4	36.6





#17

Carbon Disulfide

Concen: 16.90 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

Tot Ion: 76 Resp: 100248

Ion Ratio Lower Upper

76 100

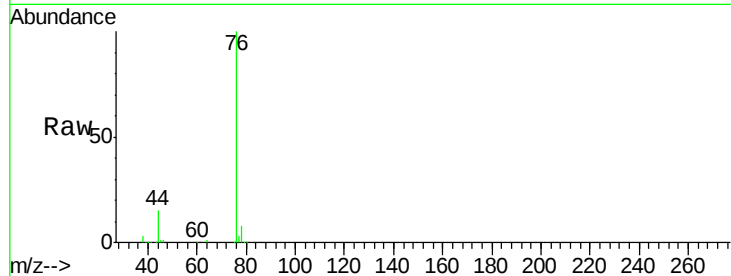
78 8.0 7.1 10.7

Manual Integrations

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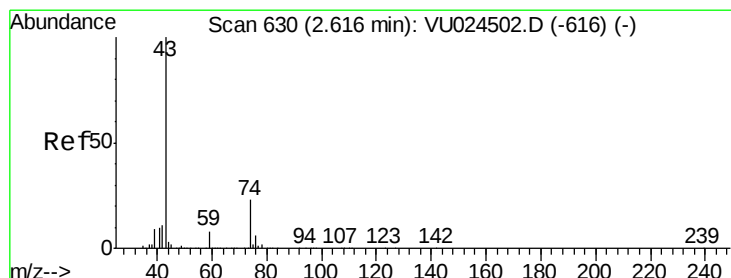
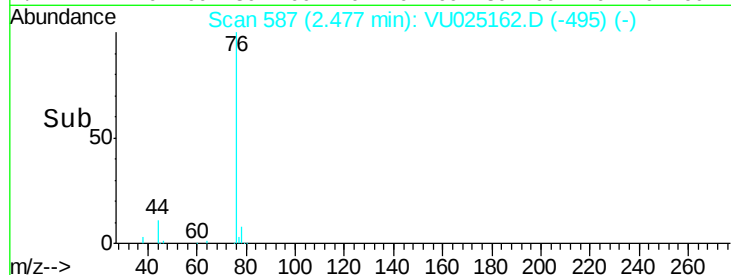
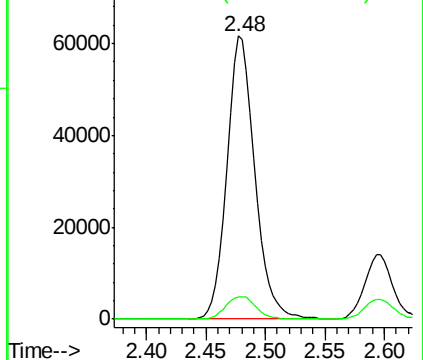
sam

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 28.32 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU025162.D

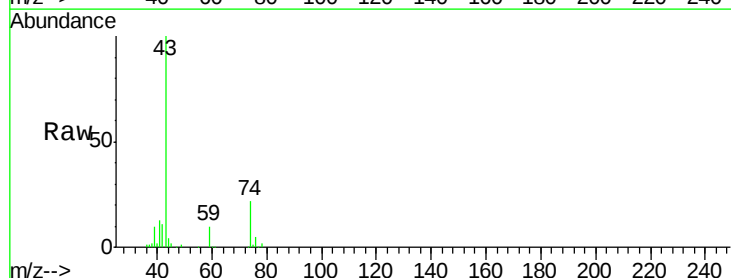
Acq: 02 Jul 2018 23:45

Tgt Ion: 43 Resp: 86602

Ion Ratio Lower Upper

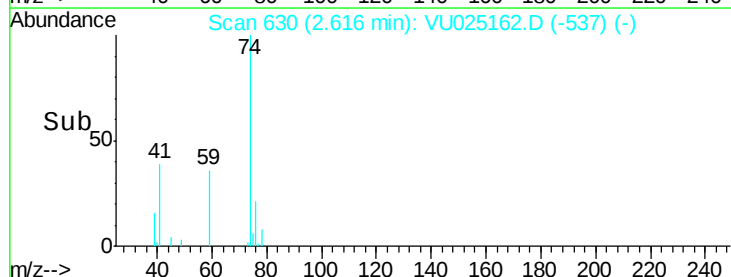
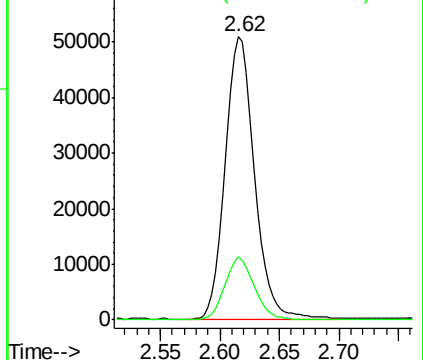
43 100

74 22.2 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





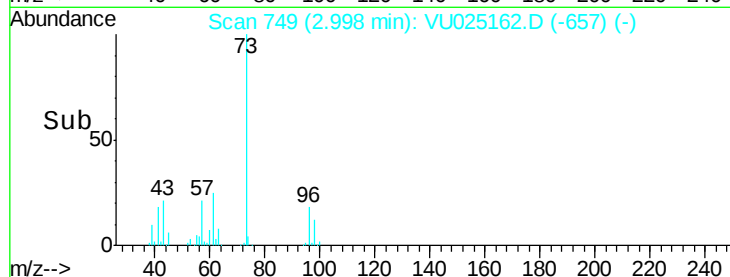
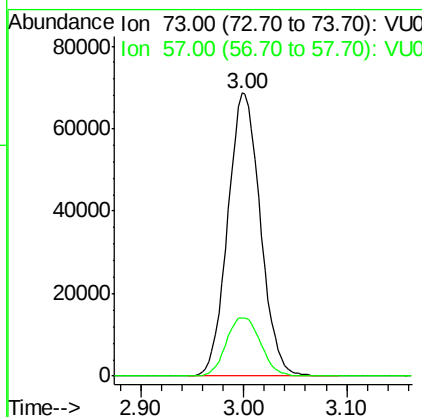
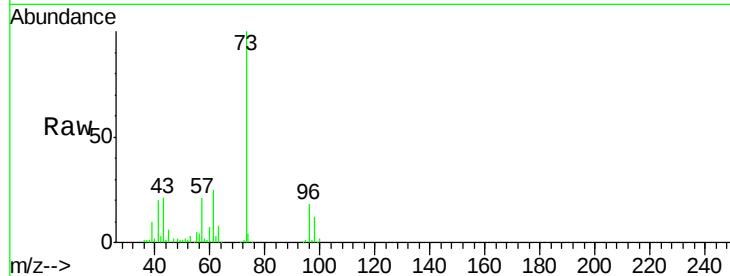
#19
Methvl tert-butvl Ether
Concen: 21.69 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.6	18.8	28.2

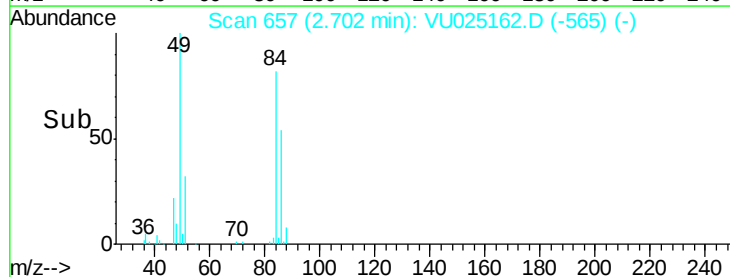
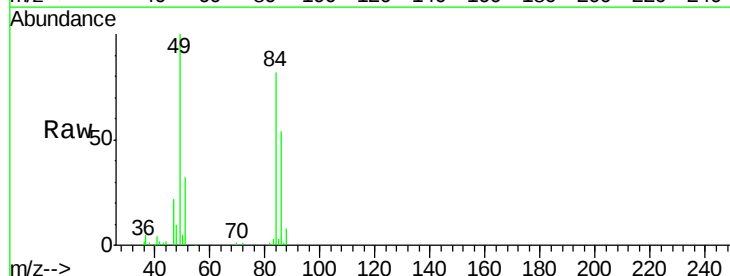
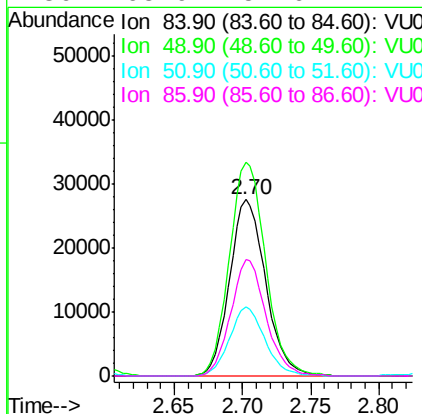
Manual Integrations
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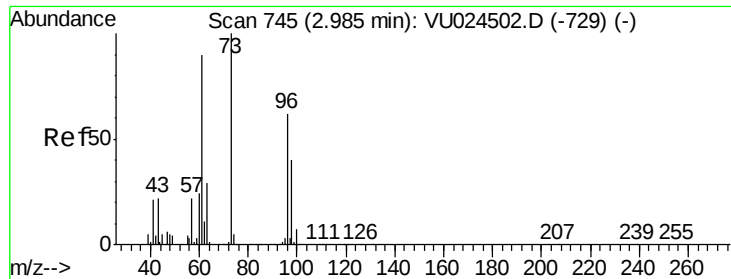
sam
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#20
Methylene Chloride
Concen: 22.64 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.3	103.8	155.8
51	39.2	32.0	48.0
86	65.9	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 19.91 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

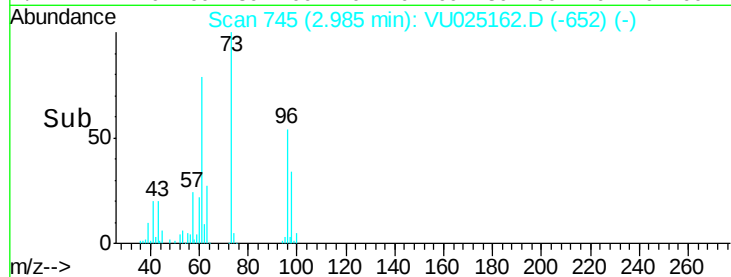
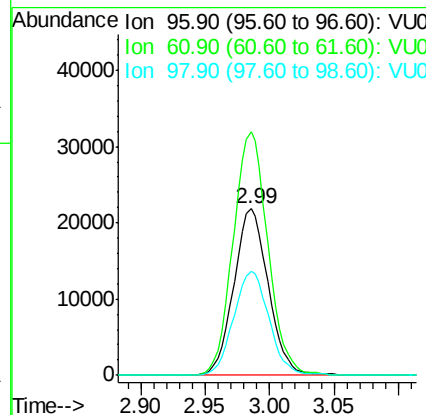
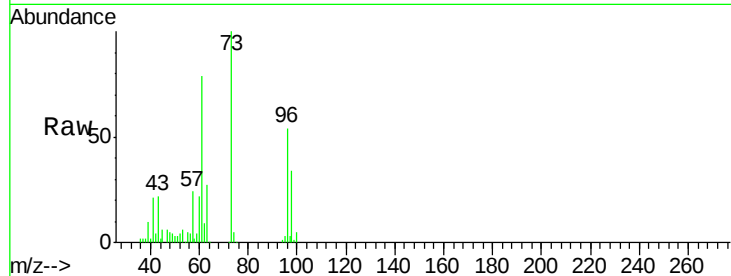
ClientSampleId :

VU0702WBS02

Tot Ion:	96	Resp:	40617
Ion Ratio	Lower	Upper	
96	100		
61	146.2	119.4	179.0
98	62.2	51.1	76.7

Manual Integrations
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Sam
7/3/2018 3:52:52 PM



#22

Diisopropyl ether

Concen: 21.30 ug/l

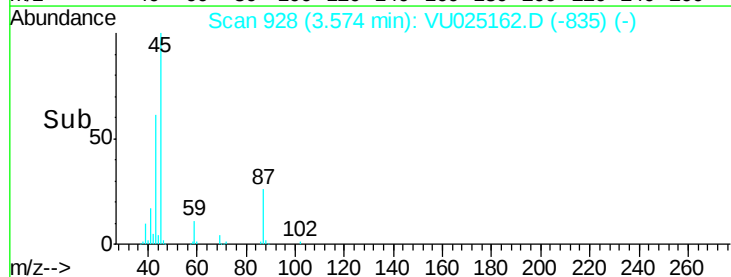
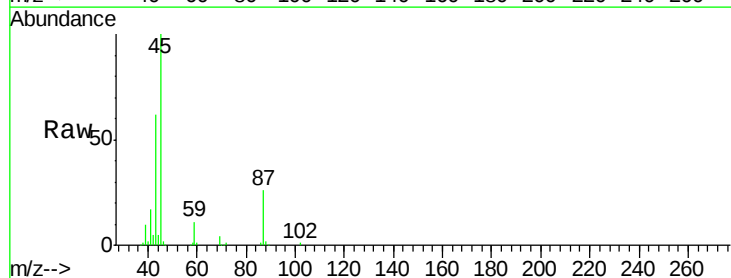
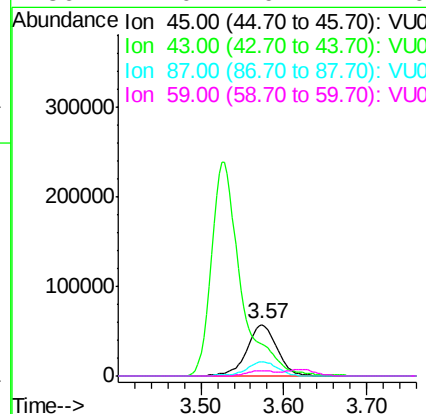
RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Tgt Ion:	45	Resp:	145201
Ion Ratio	Lower	Upper	
45	100		
43	60.0	45.8	68.6
87	26.4	20.6	31.0
59	11.0	9.4	14.0





#23

Vinyl Acetate

Concen: 97.32 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleID :

VU0702WBS02

Tot Ion: 43 Resp: 594268

Ion Ratio Lower Upper

43 100

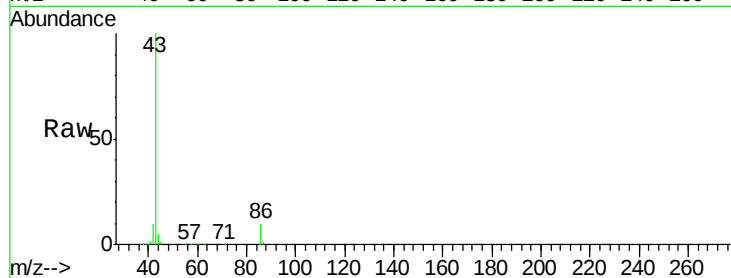
86 9.9 7.8 11.8

Manual Integrations

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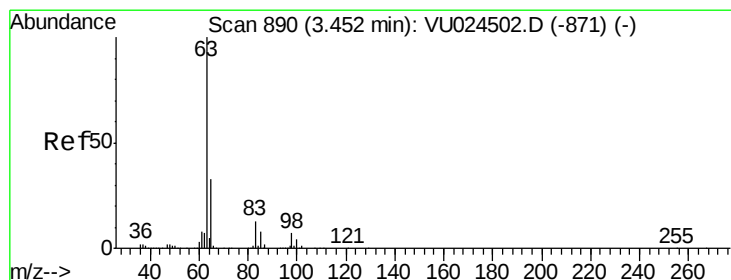
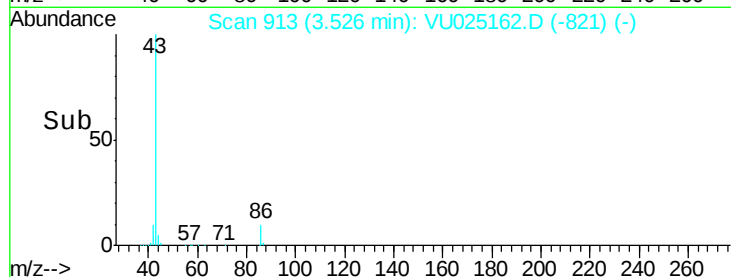
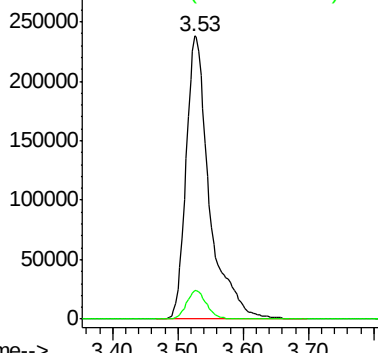
sam

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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: 21.21 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

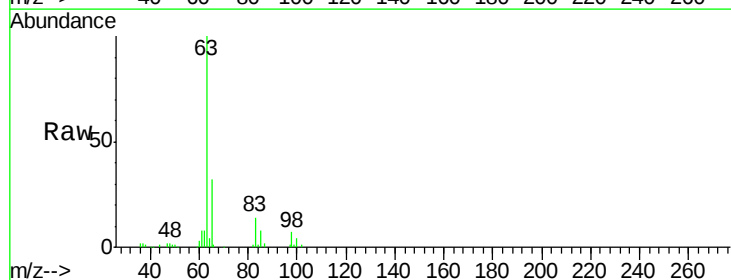
Tgt Ion: 63 Resp: 83158

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

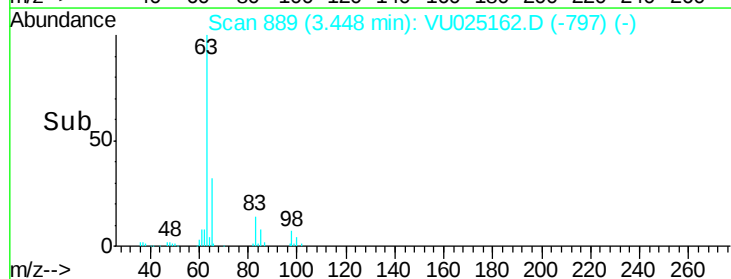
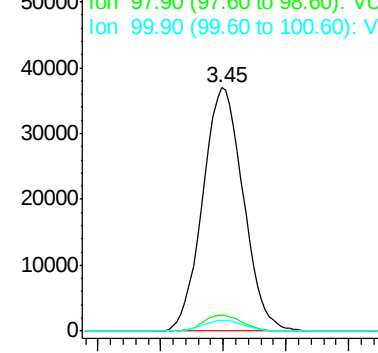
100 4.4 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 107.64 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

Tot Ion: 43 Resp: 206275

Ion Ratio Lower Upper

43 100

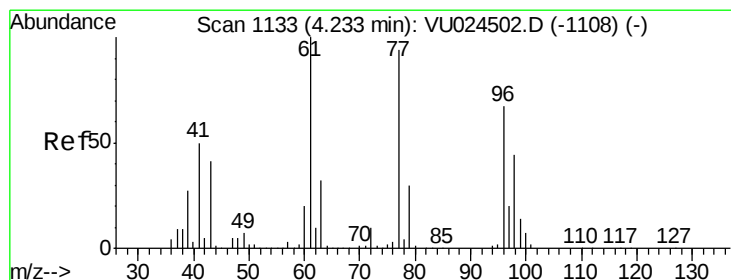
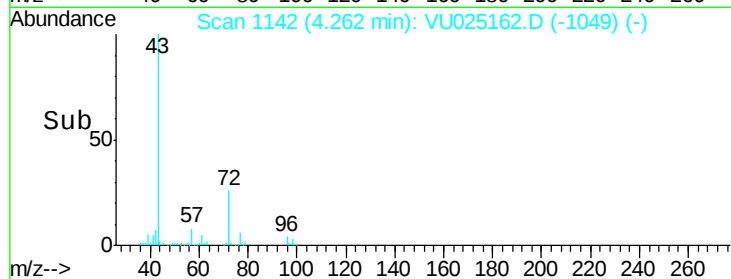
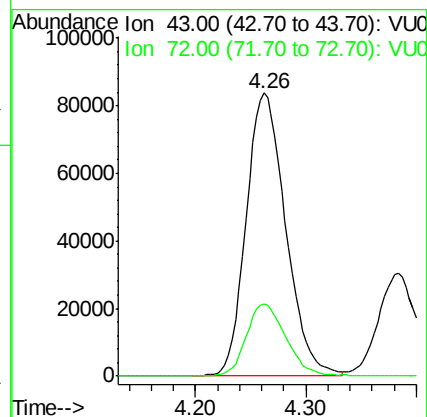
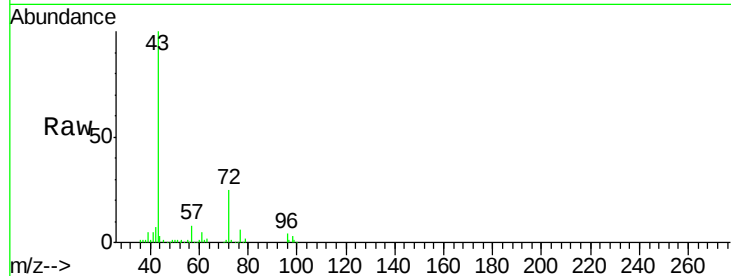
72 25.5 19.6 29.4

Manual Integrations

APPROVED

sam

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#26

2,2-Dichloropropane

Concen: 13.97 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU025162.D

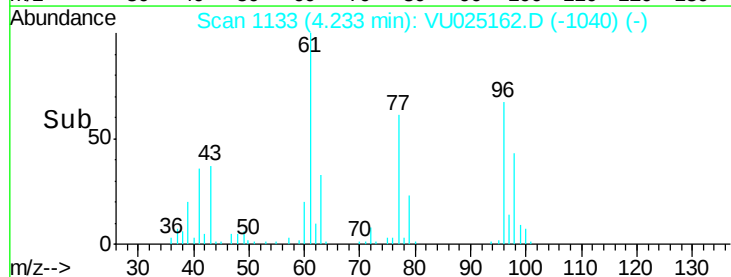
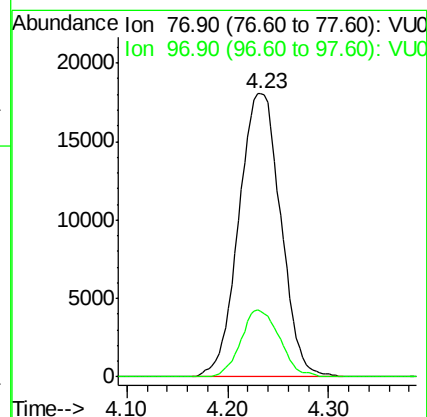
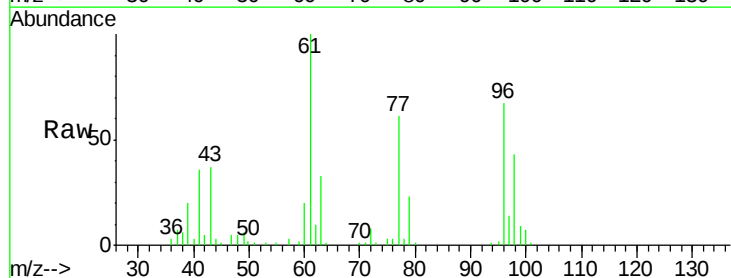
Acq: 02 Jul 2018 23:45

Tgt Ion: 77 Resp: 52026

Ion Ratio Lower Upper

77 100

97 21.8 11.3 33.8





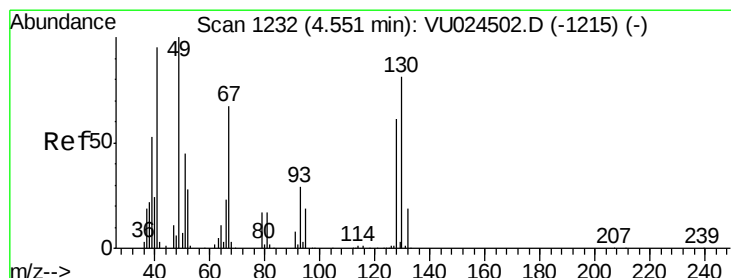
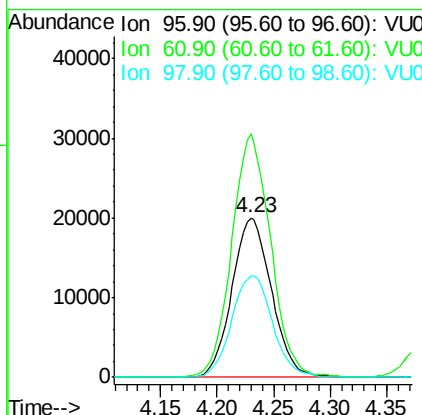
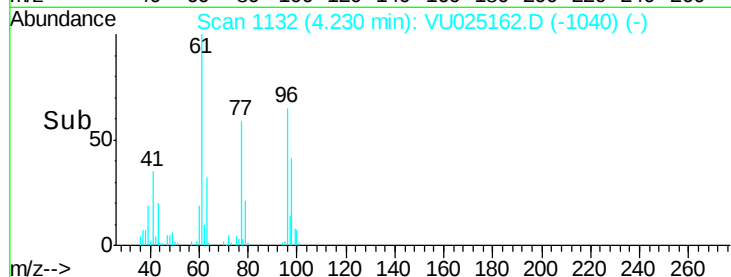
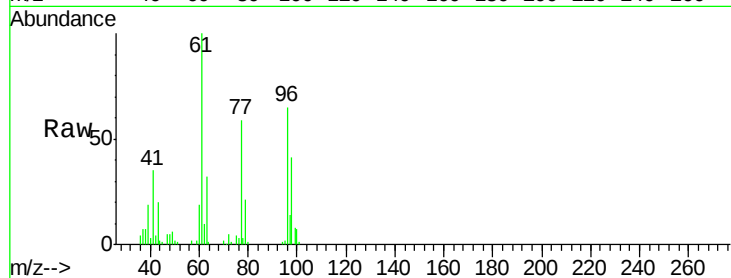
#27
 cis-1,2-Dichloroethene
 Concen: 20.68 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.1	0.0	306.6
98	65.8	0.0	128.8

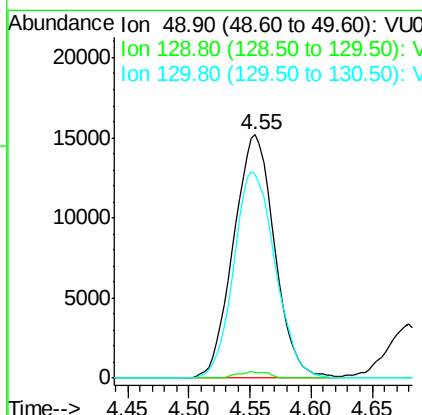
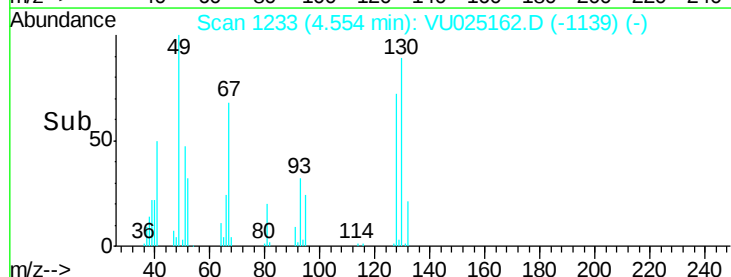
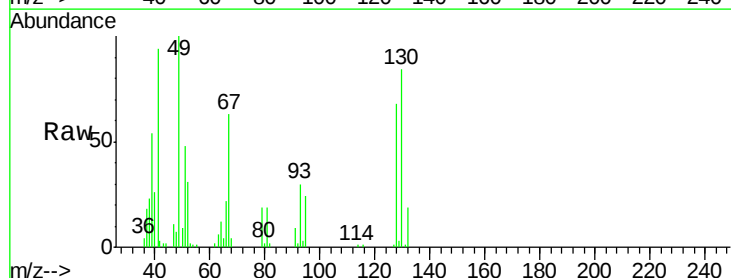
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#28
 Bromochloromethane
 Concen: 20.54 ug/l
 RT: 4.55 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	85.4	57.8	86.6





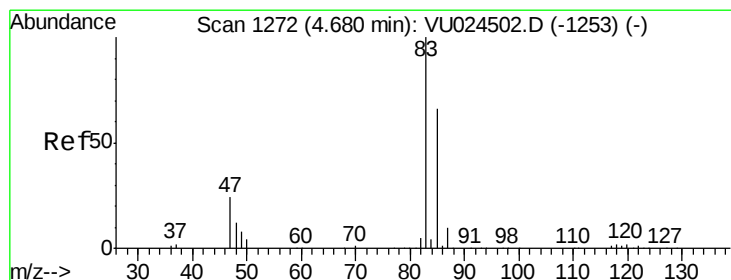
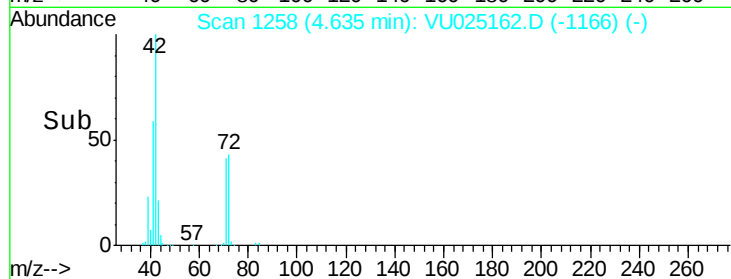
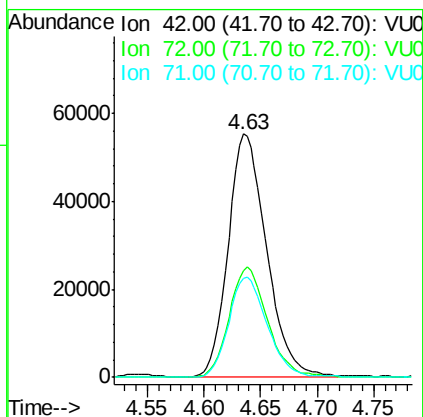
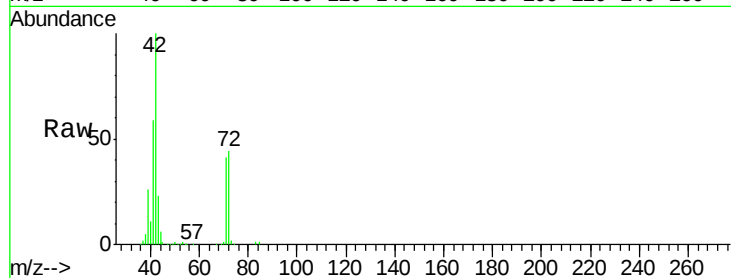
#29
Tetrahydrofuran
Concen: 109.45 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	34.5	51.7
71	41.4	32.2	48.4

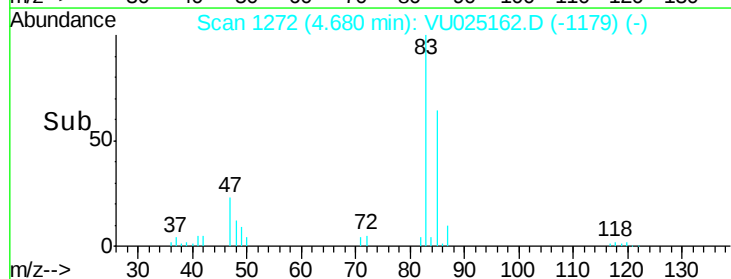
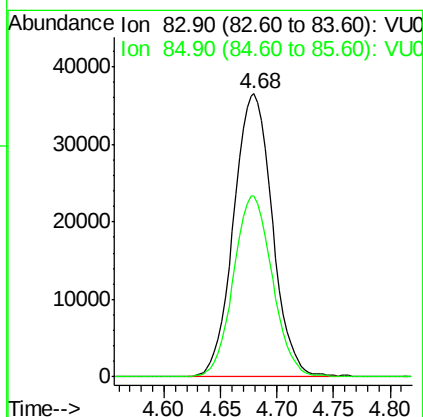
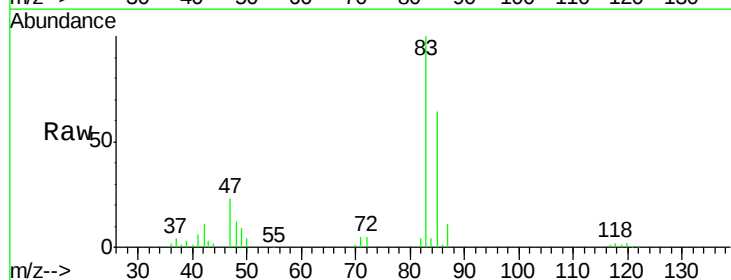
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#30
Chloroform
Concen: 21.94 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.4	78.6





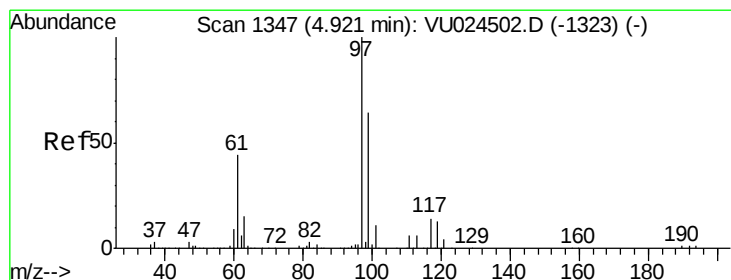
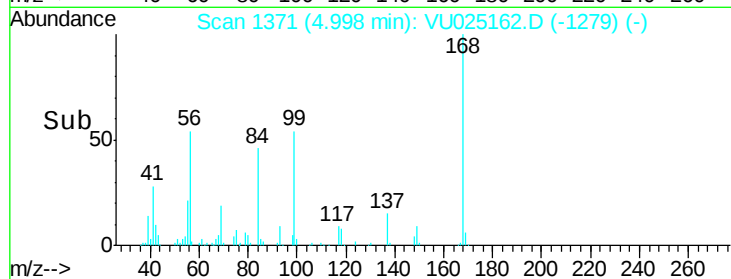
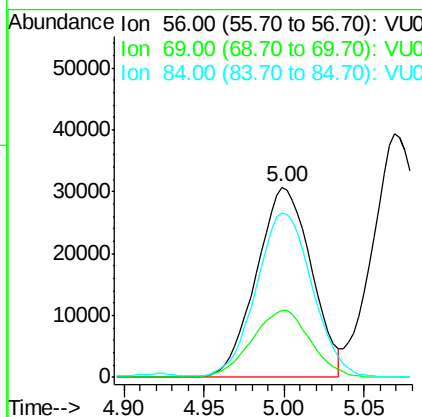
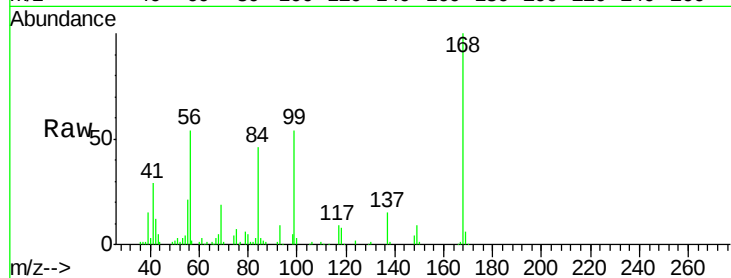
#31
Cyclohexane
Concen: 19.78 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.3	24.8	37.2
84	85.7	65.2	97.8

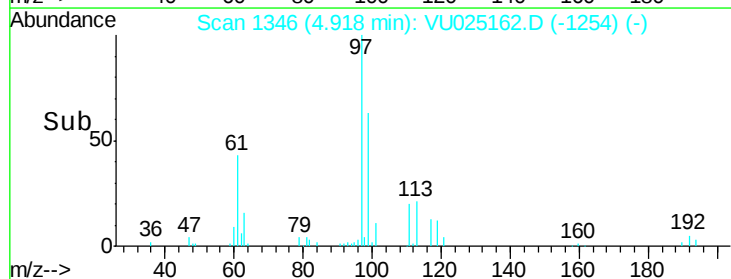
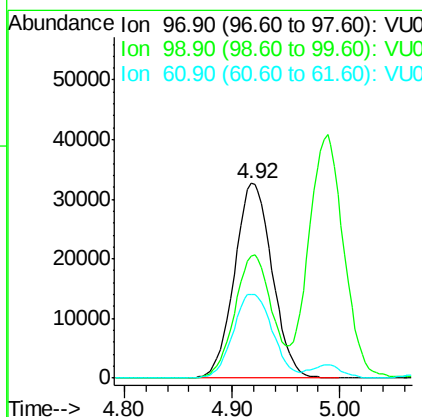
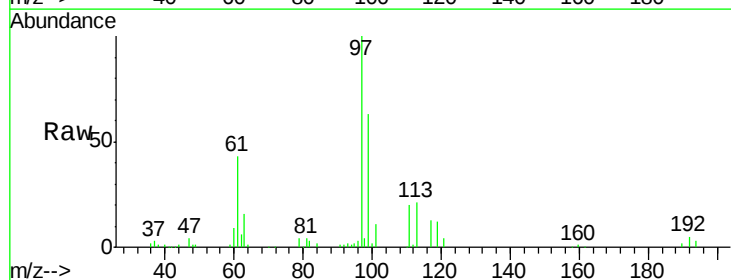
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#32
1,1,1-Trichloroethane
Concen: 21.66 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.0	76.6
61	44.9	39.4	59.0





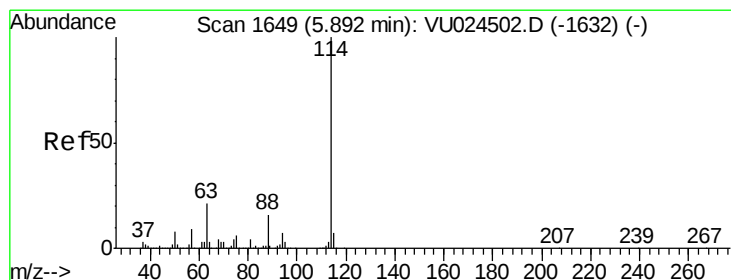
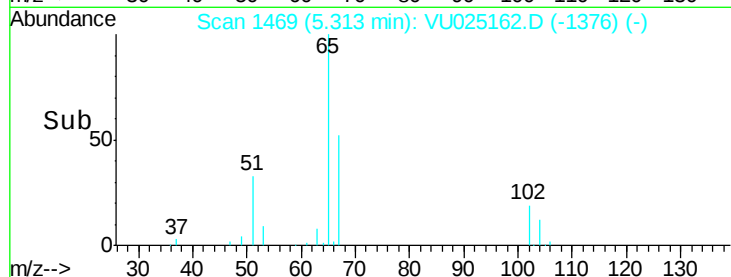
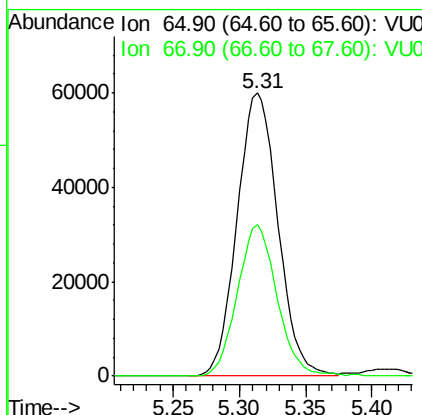
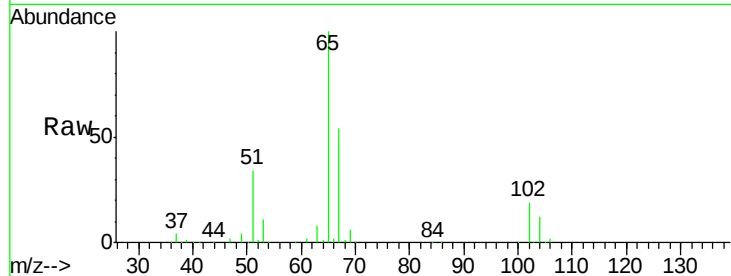
#33
 1,2-Dichloroethane-d4
 Concen: 48.45 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	128638		
67	51.9	0.0	107.0	

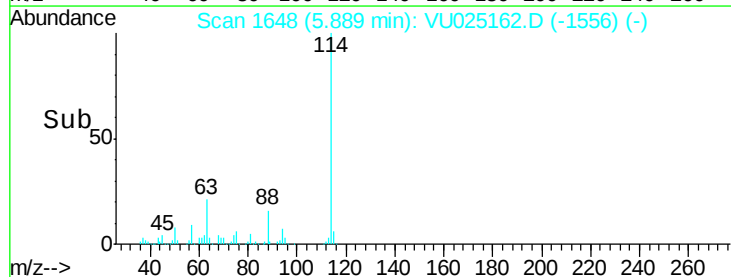
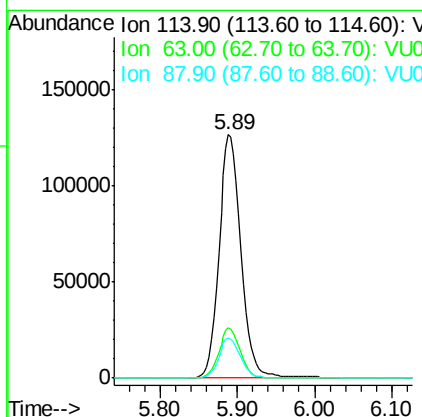
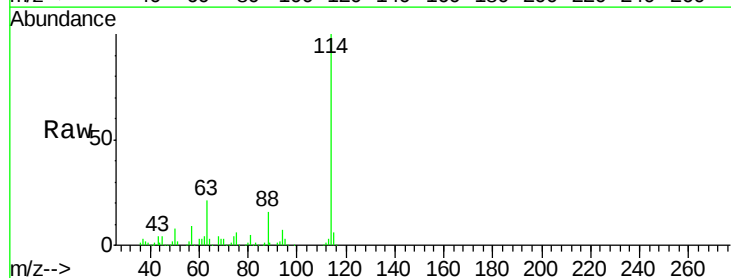
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	251987		
63	20.5	0.0	45.4	
88	16.4	0.0	31.0	





#35

Dibromofluoromethane

Concen: 50.19 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

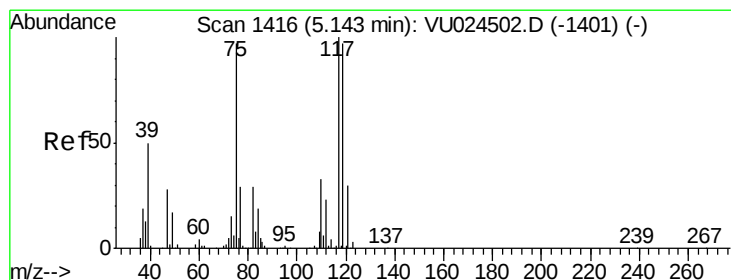
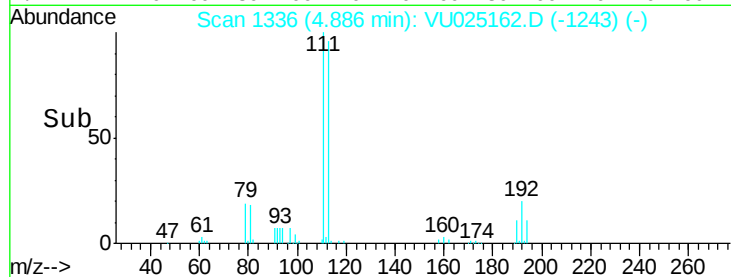
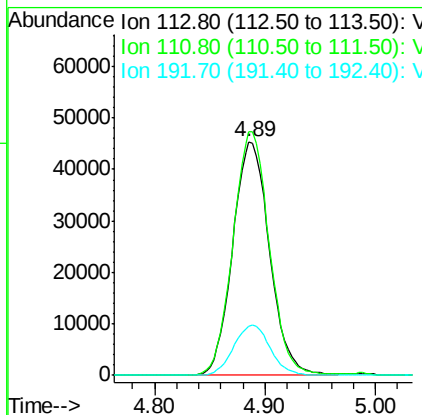
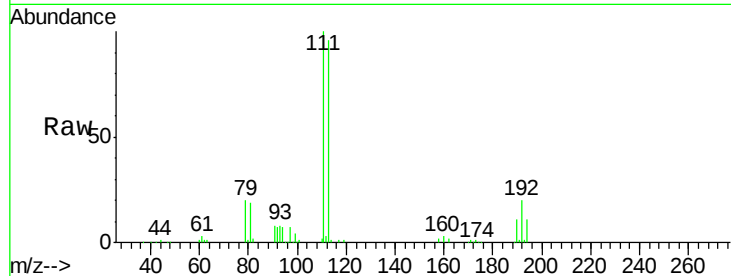
ClientSampleId :

VU0702WBS02

Tot Ion:	113	Resp:	104972
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.2	123.4
192	21.2	16.2	24.4

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#36

1,1-Dichloropropene

Concen: 19.83 ug/l

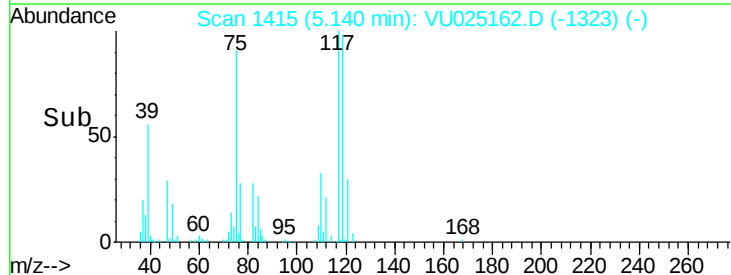
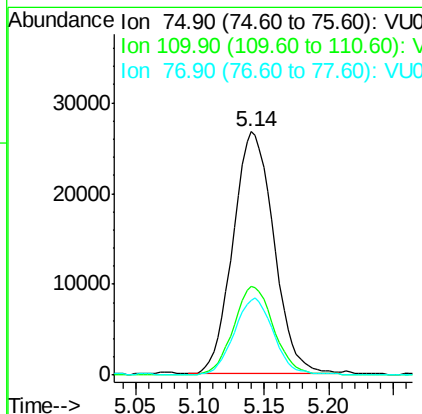
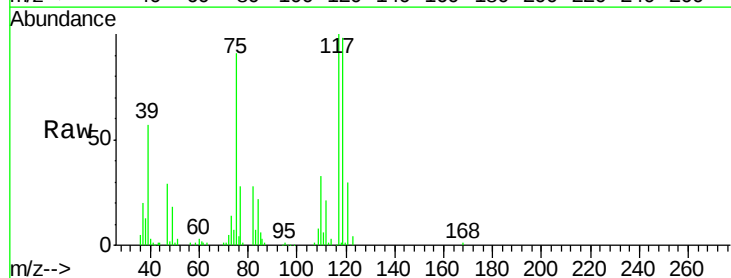
RT: 5.14 min Scan# 1415

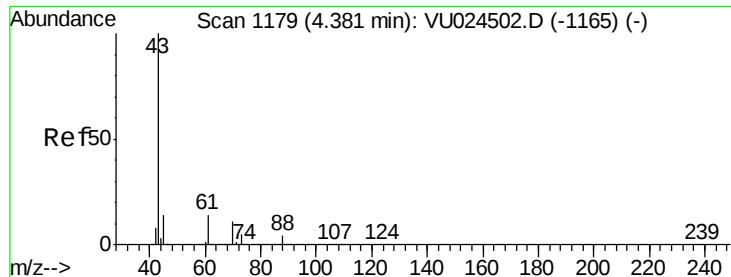
Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Tgt Ion:	75	Resp:	58706
Ion Ratio	Lower	Upper	
75	100		
110	36.2	17.0	50.9
77	30.9	24.2	36.4





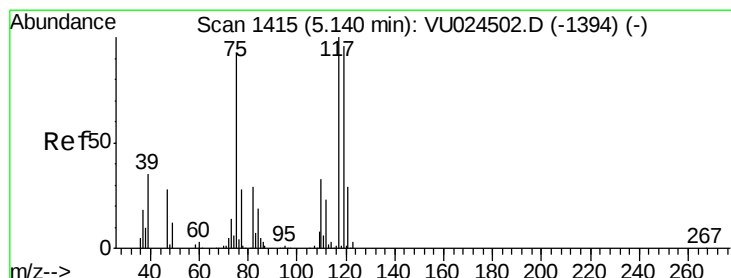
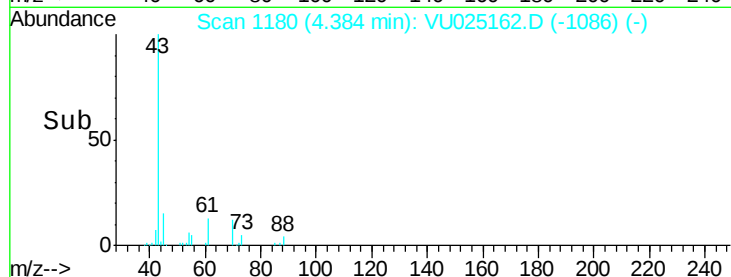
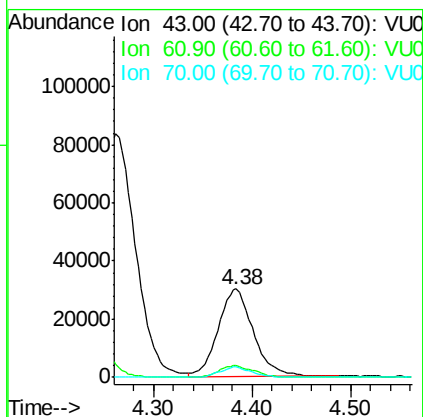
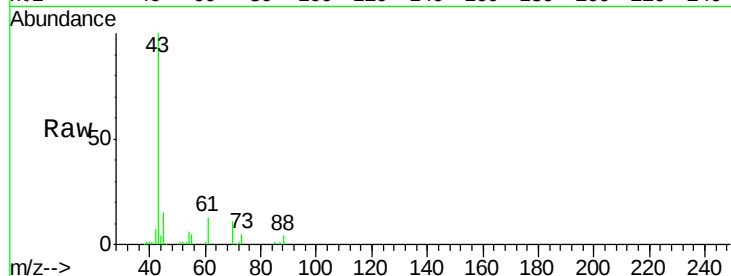
#37
Ethyl Acetate
Concen: 23.22 ug/l
RT: 4.38 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.5	15.7
70	10.4	7.4	11.2

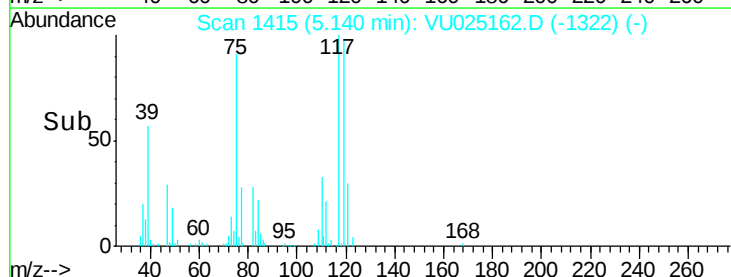
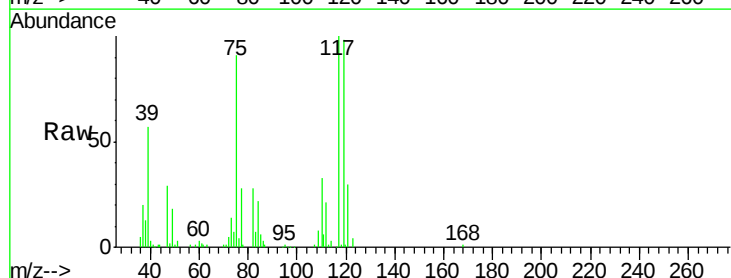
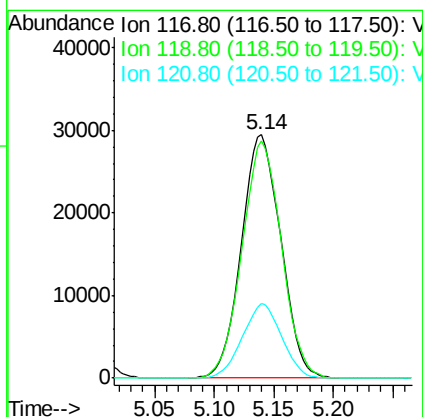
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#38
Carbon Tetrachloride
Concen: 20.84 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.1	114.1
121	30.5	23.7	35.5





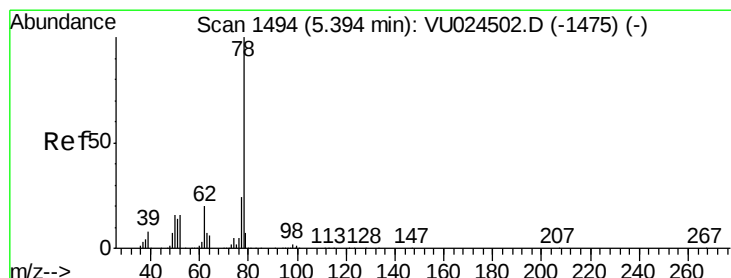
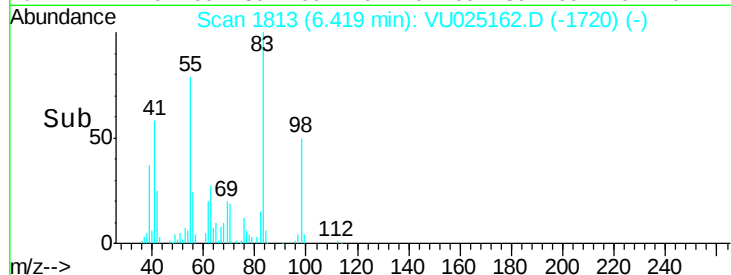
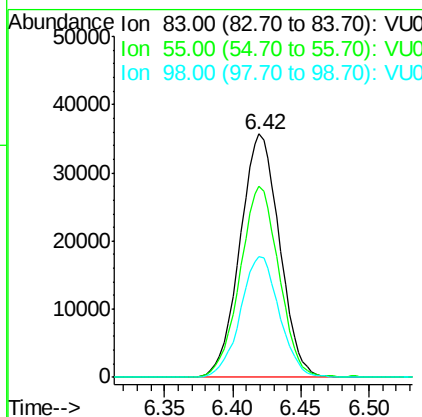
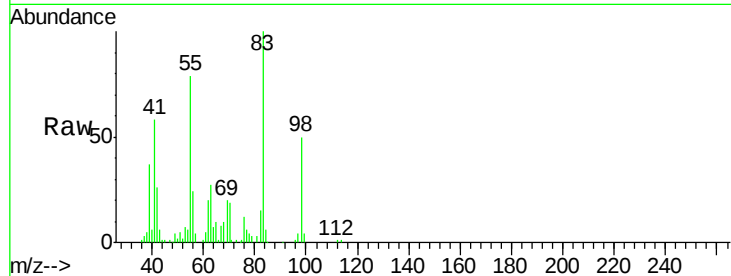
#39
Methvlcvclohexane
Concen: 19.46 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.5	65.8	98.6
98	49.6	36.7	55.1

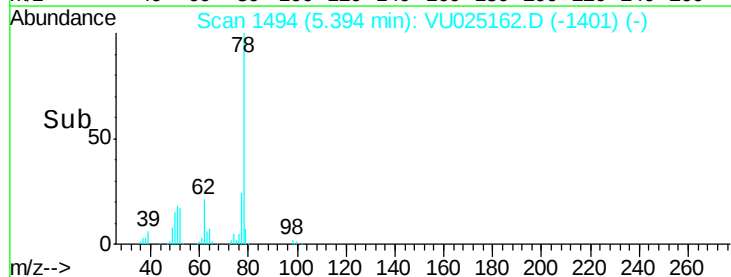
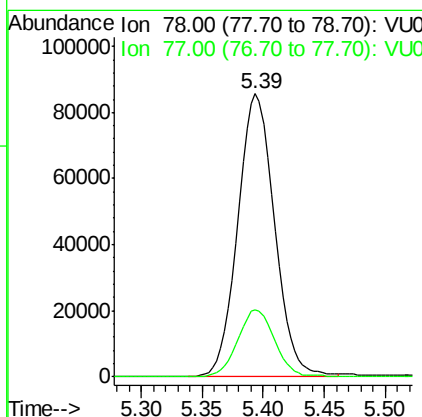
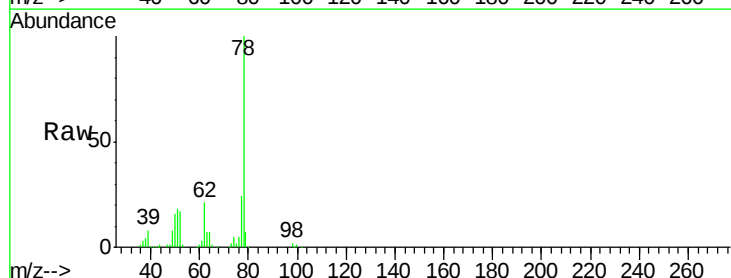
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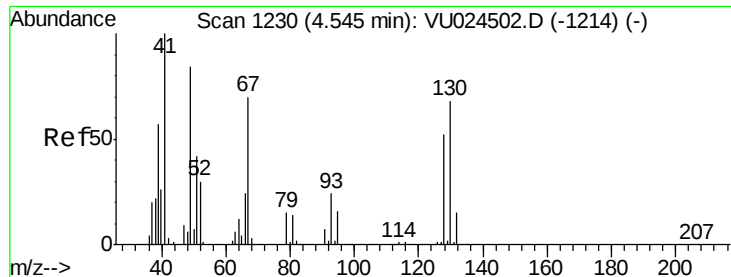
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#40
Benzene
Concen: 21.18 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





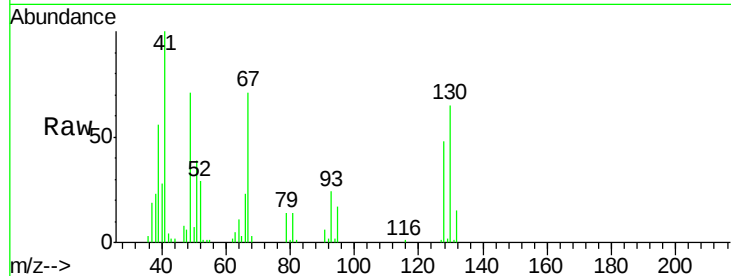
#41
Methacrylonitrile
Concen: 23.56 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

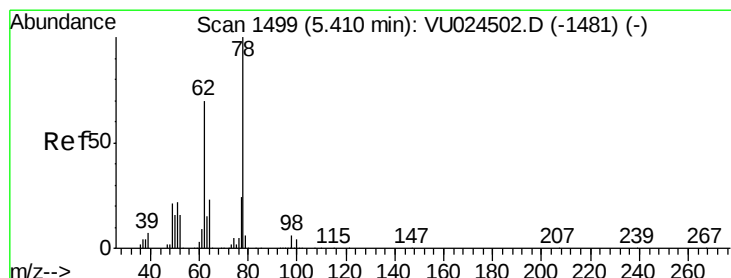
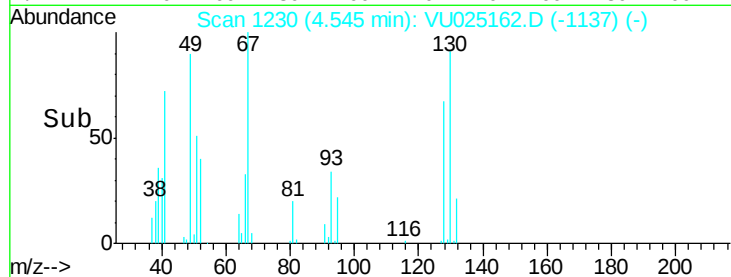
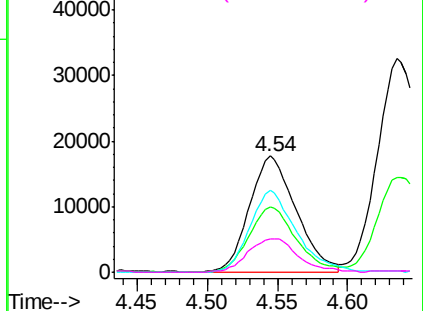
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.2	43.8	65.6	
67	70.4	56.3	84.5	
52	31.1	23.2	34.8	

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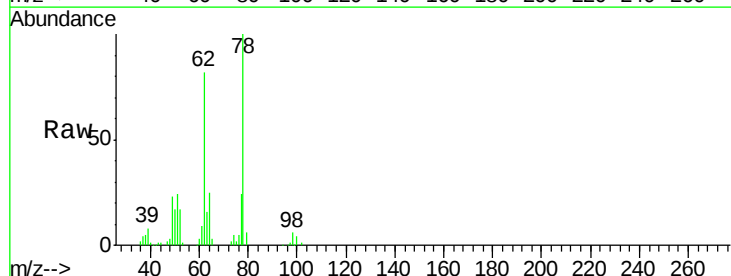


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

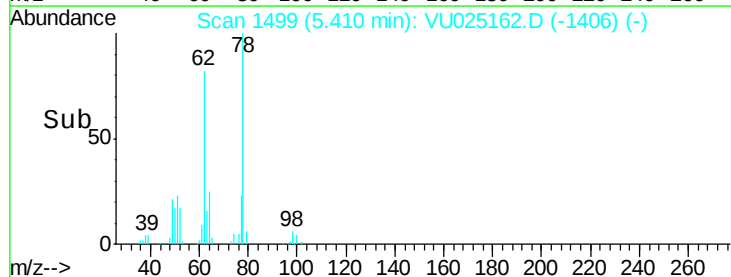
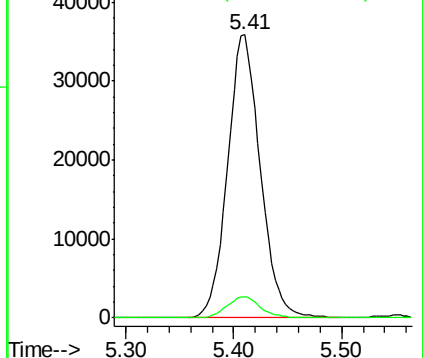


#42
1,2-Dichloroethane
Concen: 23.57 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.6	0.0	16.6	



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0





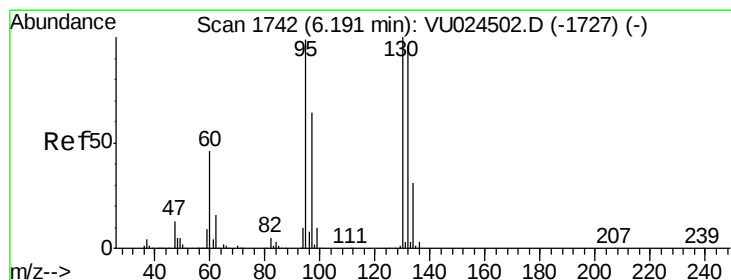
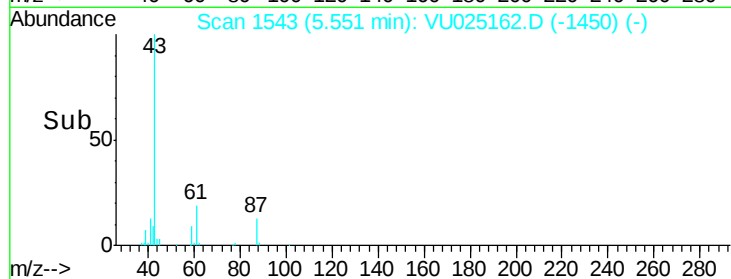
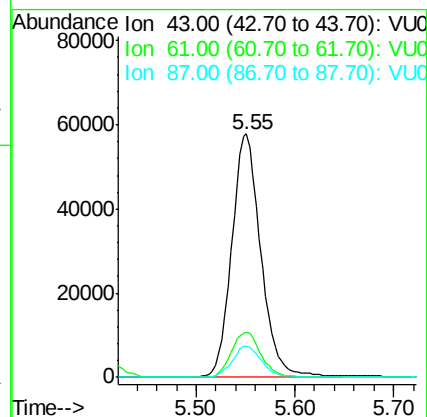
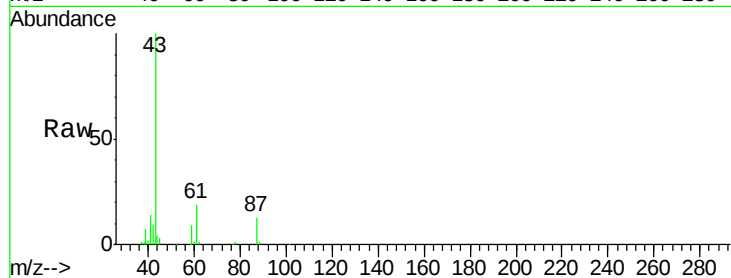
#43
Isopropyl Acetate
Concen: 21.37 ug/l
RT: 5.55 min Scan# 1543
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.4	23.0
87	12.8	10.0	15.0

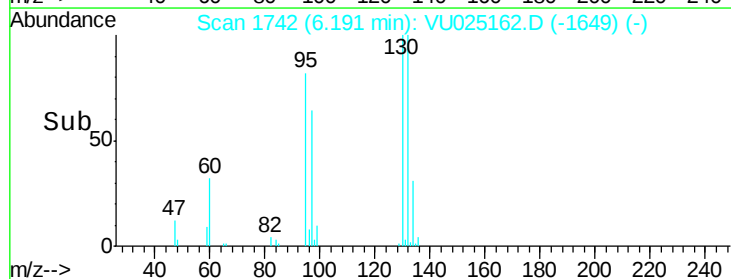
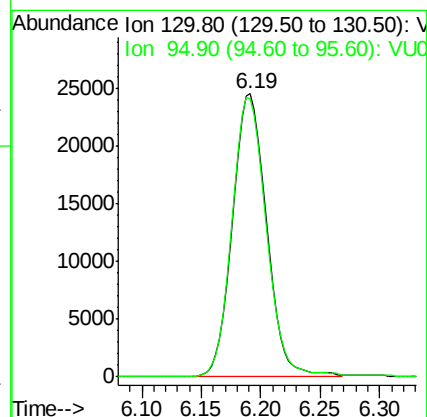
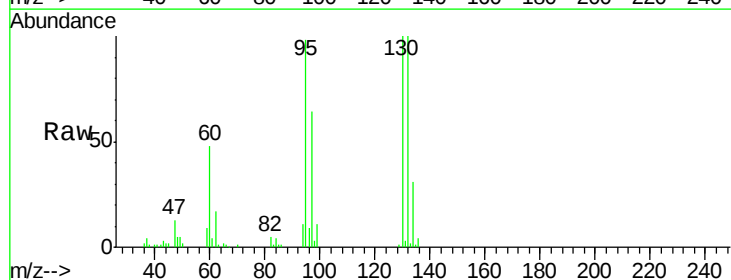
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#44
Trichloroethene
Concen: 20.31 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	202.4





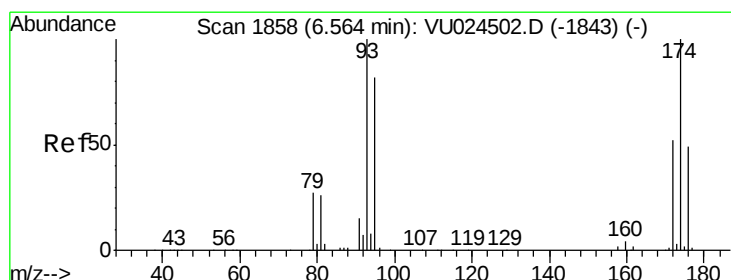
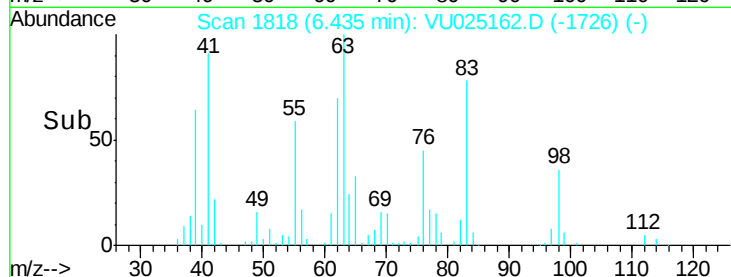
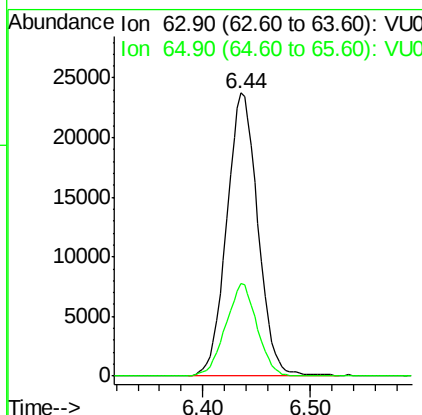
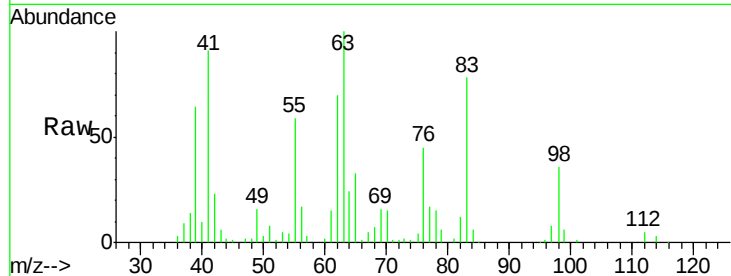
#45
 1,2-Dichloropropane
 Concen: 21.28 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS02

Tot Ion: 63 Resp: 47908
 Ion Ratio Lower Upper
 63 100
 65 32.5 24.8 37.2

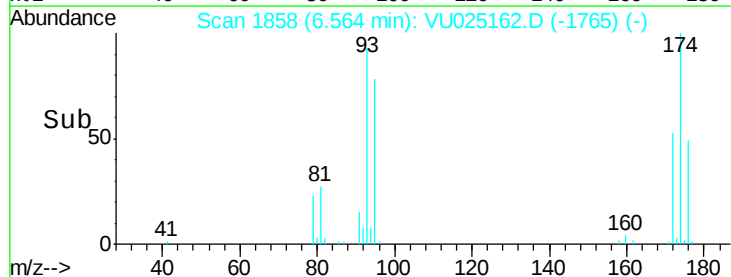
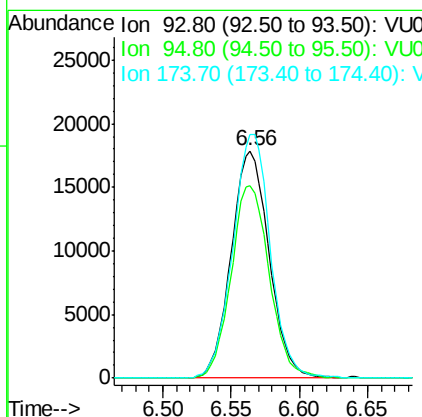
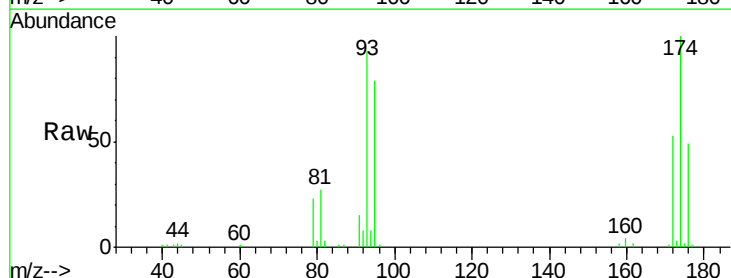
Manual Integrations
 APPROVED

sam
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#46
 Dibromomethane
 Concen: 21.83 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Tgt Ion: 93 Resp: 34519
 Ion Ratio Lower Upper
 93 100
 95 85.2 65.5 98.3
 174 106.2 78.7 118.1





#47

Bromodichloromethane

Concen: 20.73 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

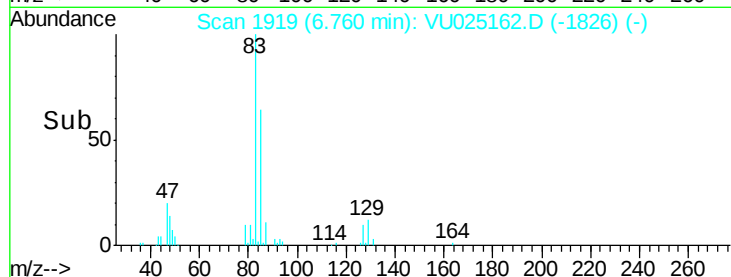
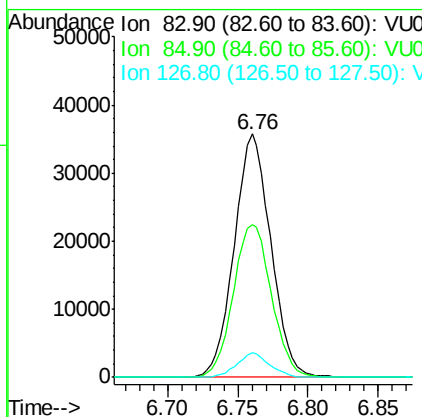
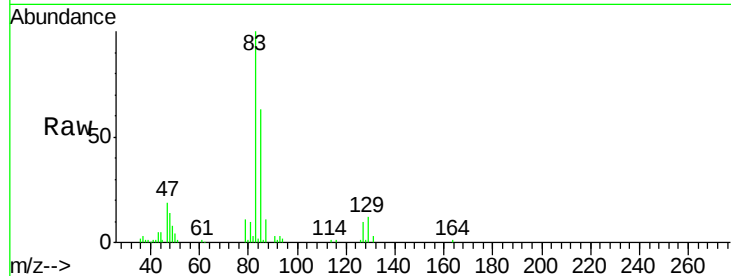
ClientSampleId :

VU0702WBS02

Tot Ion:	83	Resp:	65280
Ion Ratio	Lower	Upper	
83	100		
85	62.9	51.9	77.9
127	10.1	6.6	9.8#

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#48

Methyl methacrylate

Concen: 22.72 ug/l

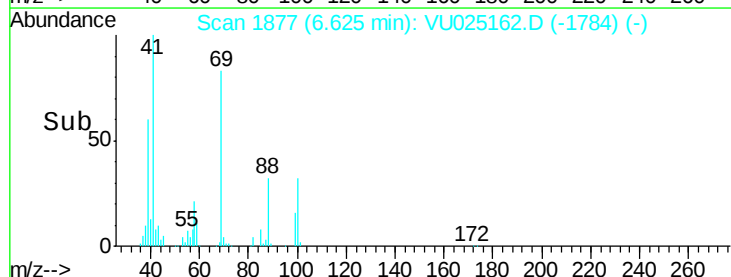
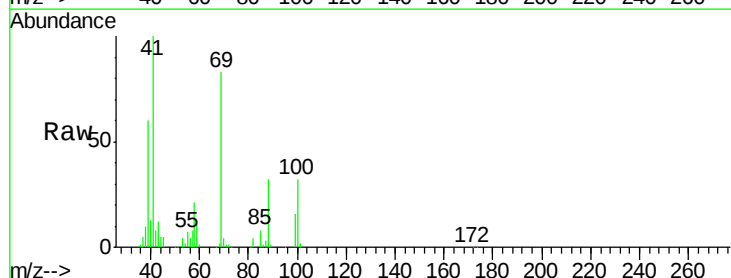
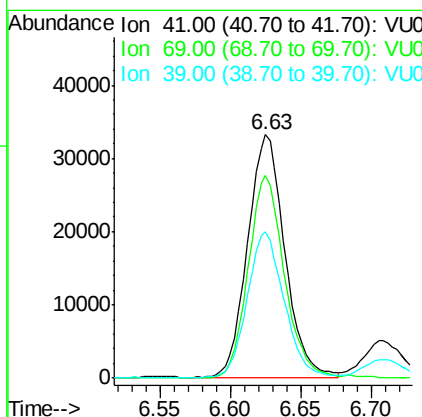
RT: 6.63 min Scan# 1877

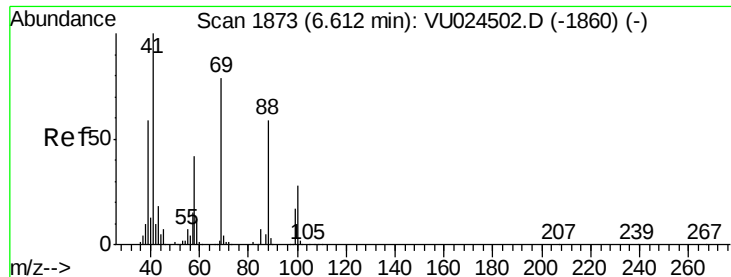
Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Tgt Ion:	41	Resp:	61722
Ion Ratio	Lower	Upper	
41	100		
69	80.4	67.3	100.9
39	59.6	46.5	69.7





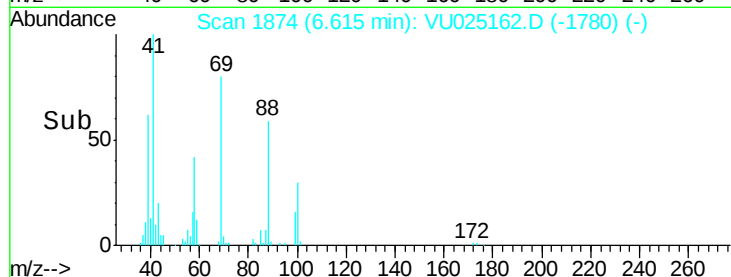
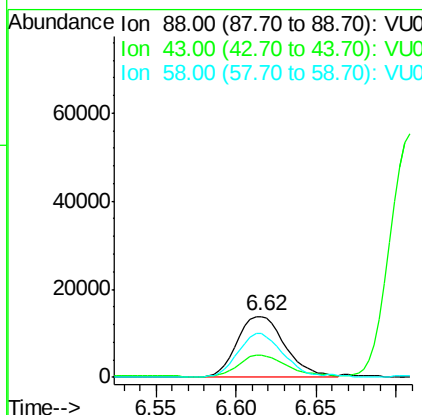
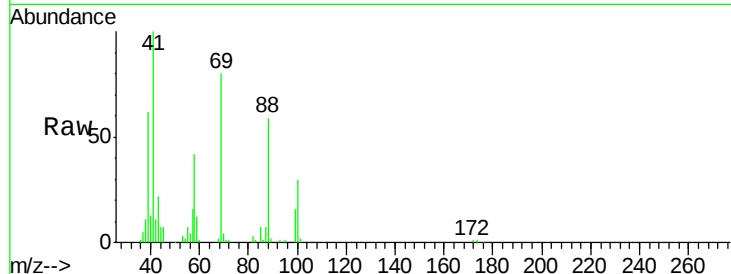
#49
1,4-Dioxane
Concen: 538.99 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.6	28.6	42.8
58	67.0	58.2	87.4

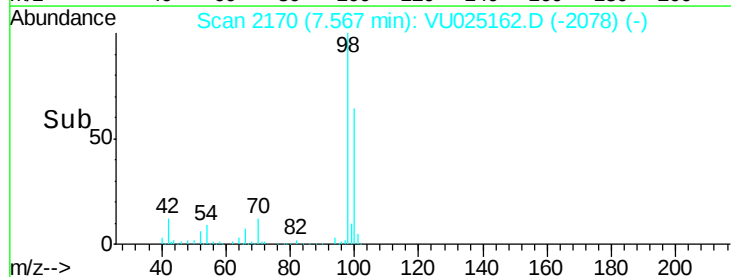
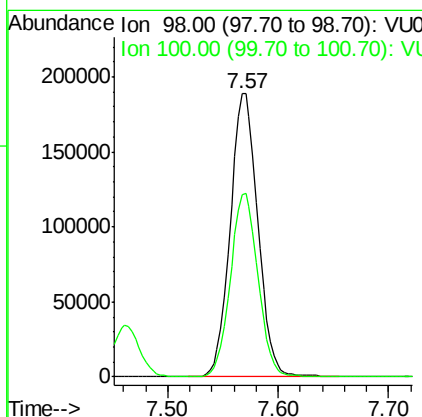
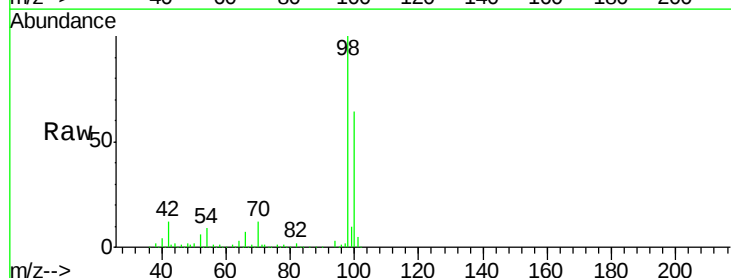
Manual Integrations
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#50
Toluene-d8
Concen: 43.03 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 111.64 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

Tot Ion: 43 Resp: 391286

Ion Ratio Lower Upper

43 100

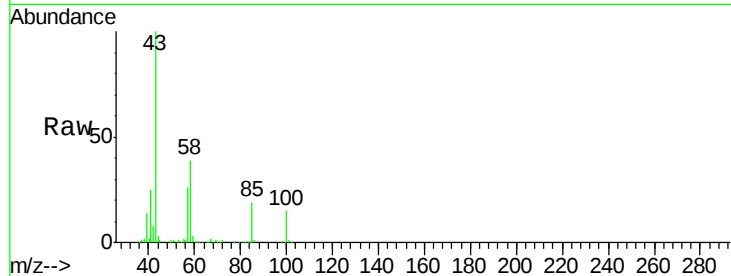
58 38.2 30.0 45.0

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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

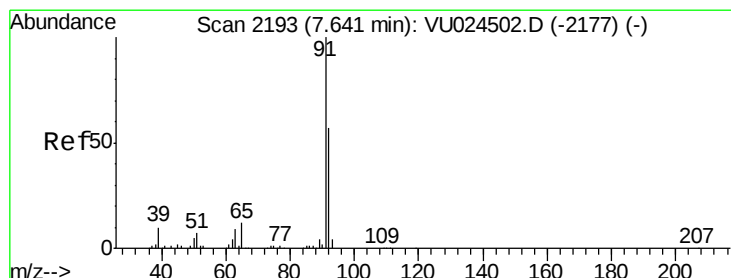
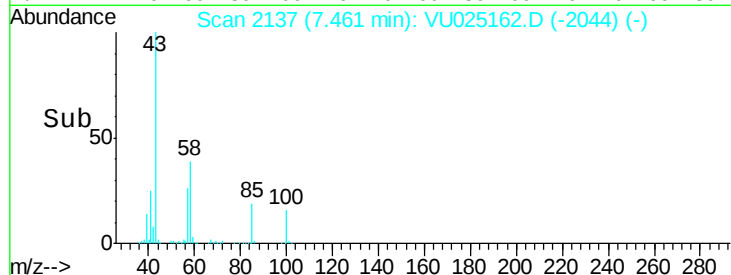
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.17 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU025162.D

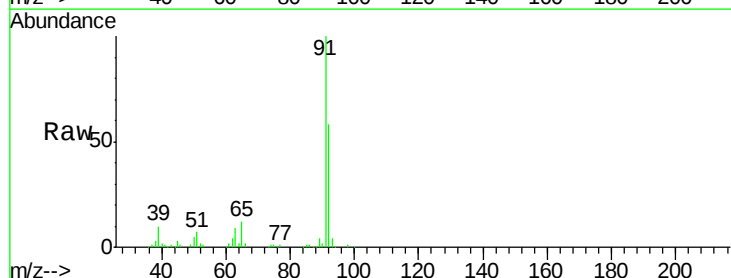
Acq: 02 Jul 2018 23:45

Tgt Ion: 92 Resp: 114923

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

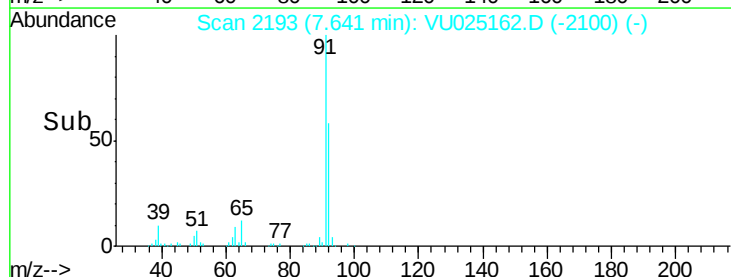
7.64

100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.48 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

Tot Ion: 75 Resp: 65336

Ion Ratio Lower Upper

75 100

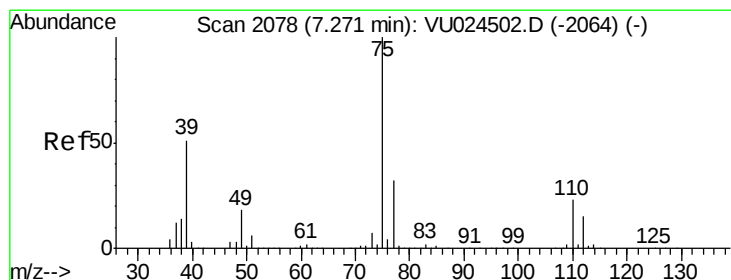
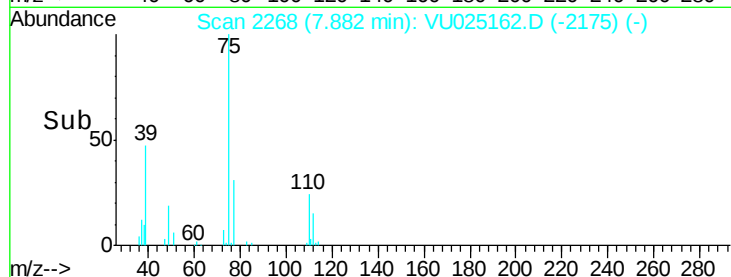
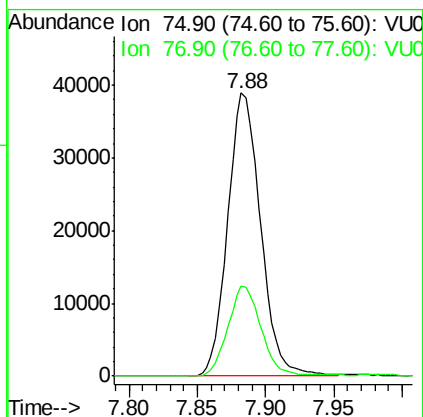
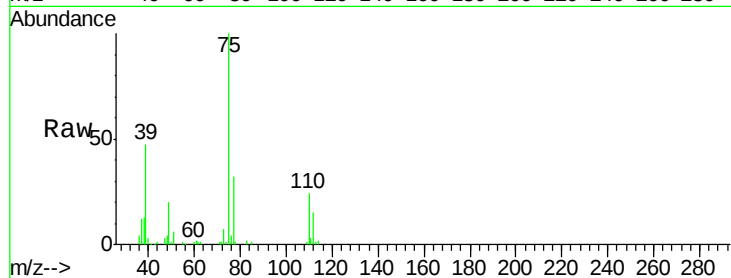
77 31.9 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 18.54 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

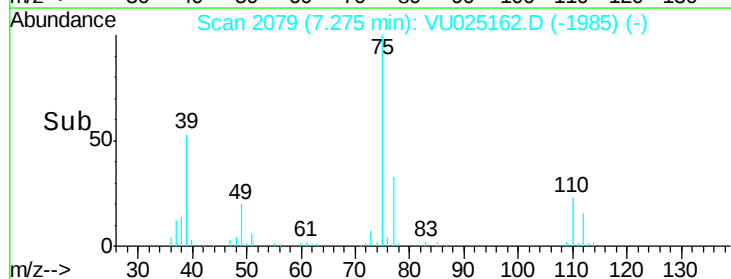
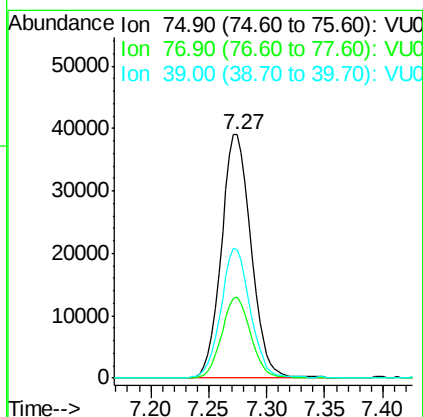
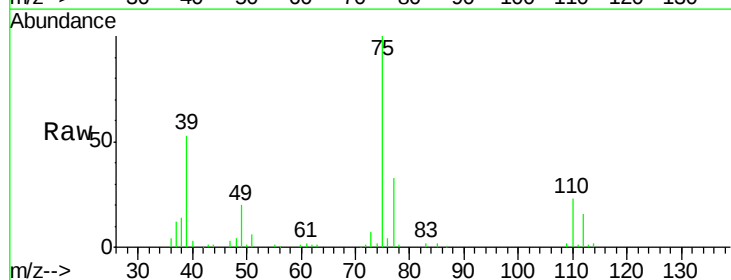
Tgt Ion: 75 Resp: 69842

Ion Ratio Lower Upper

75 100

77 33.0 24.6 36.8

39 52.9 39.8 59.6





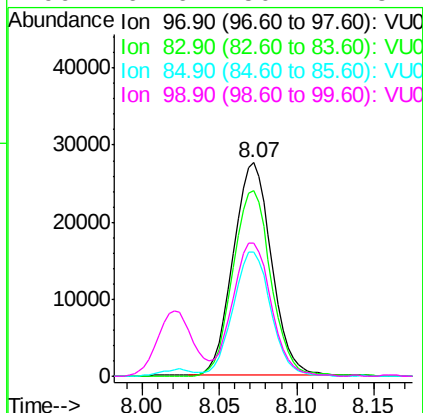
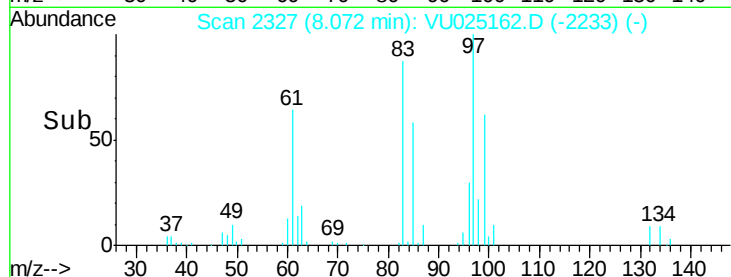
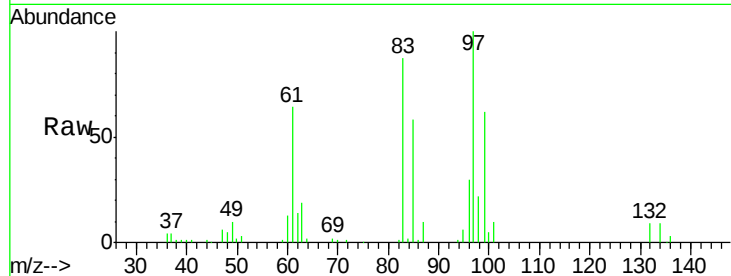
#55
 1,1,2-Trichloroethane
 Concen: 21.46 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS02

Tot Ion:	97	Resp:	47346
Ion	Ratio	Lower	Upper
97	100		
83	87.5	70.5	105.7
85	58.4	46.4	69.6
99	62.6	50.2	75.2

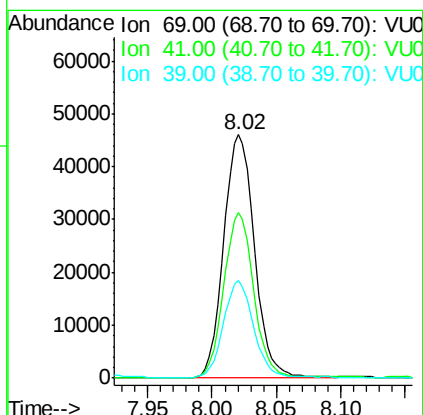
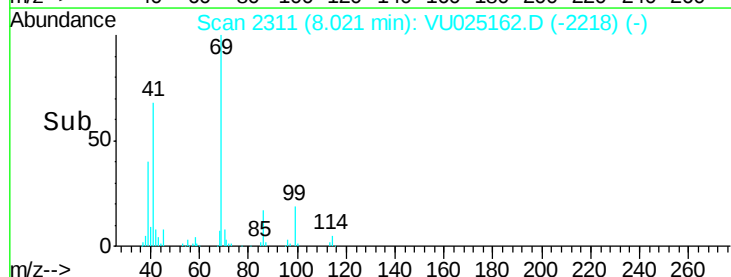
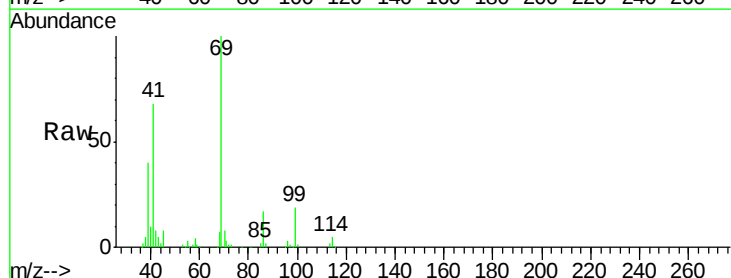
Manual Integrations
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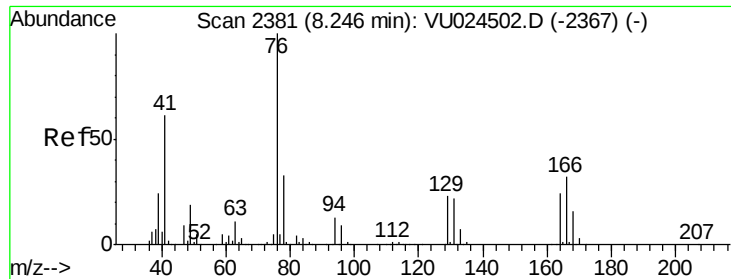
sam
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#56
 Ethyl methacrylate
 Concen: 20.72 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Tgt Ion:	69	Resp:	76535
Ion	Ratio	Lower	Upper
69	100		
41	66.1	54.1	81.1
39	39.2	30.3	45.5





#57

1,3-Dichloropropane

Concen: 22.16 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

Tot Ion: 76 Resp: 82480

Ion Ratio Lower Upper

76 100

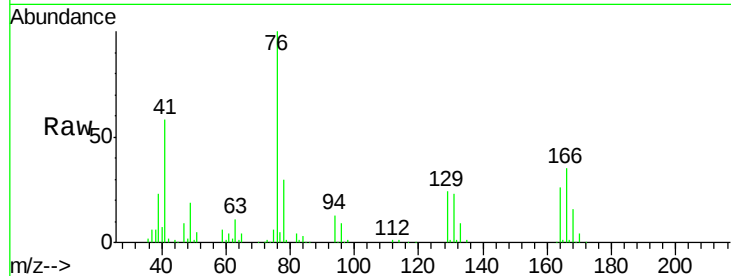
78 31.5 25.2 37.8

Manual Integrations

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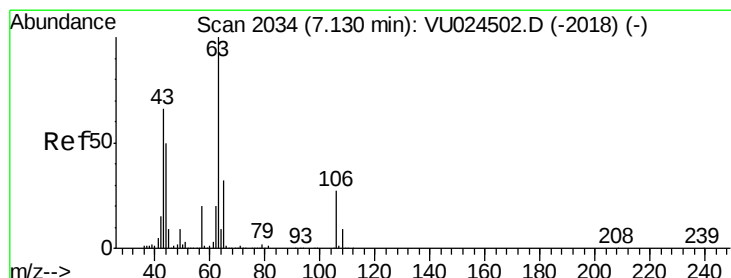
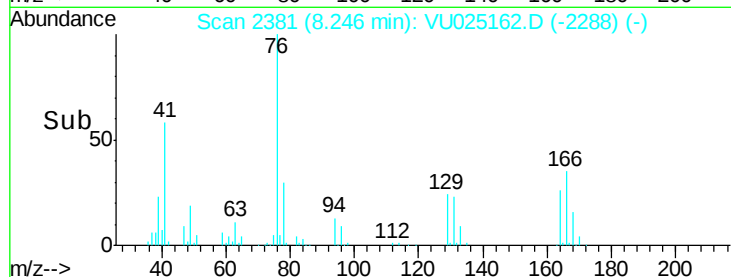
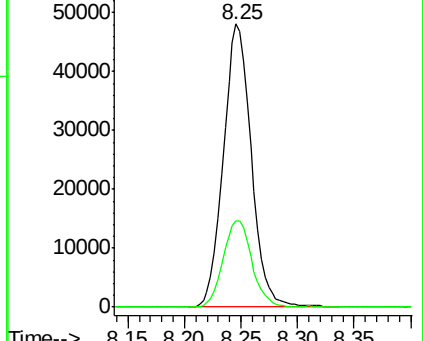
sam

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 94.47 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU025162.D

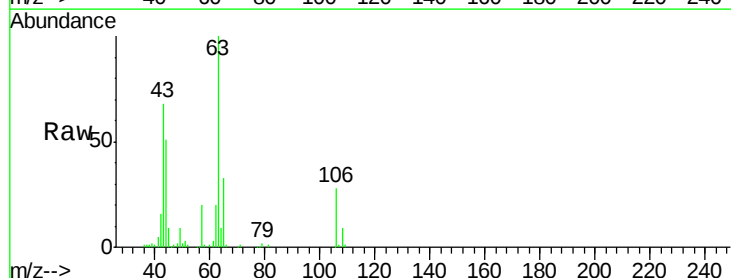
Acq: 02 Jul 2018 23:45

Tgt Ion: 63 Resp: 133658

Ion Ratio Lower Upper

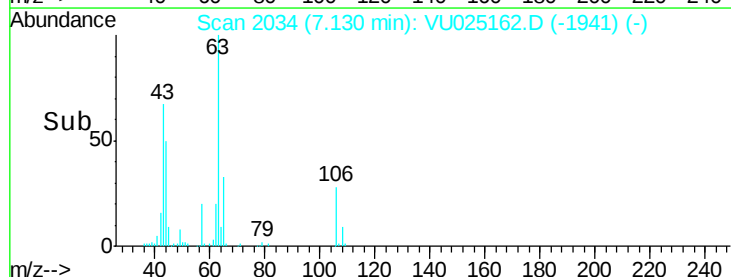
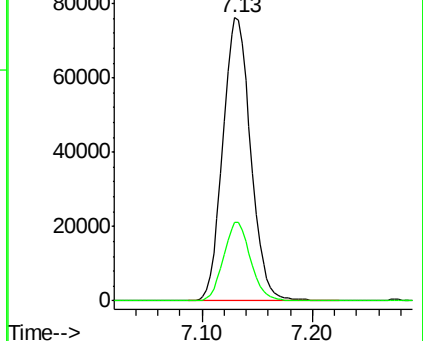
63 100

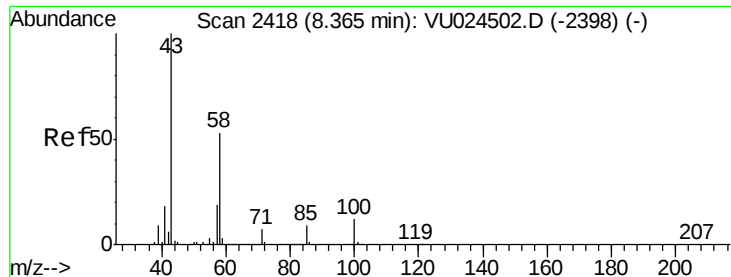
106 27.0 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V





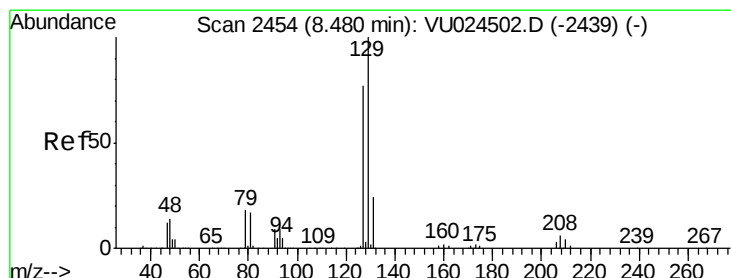
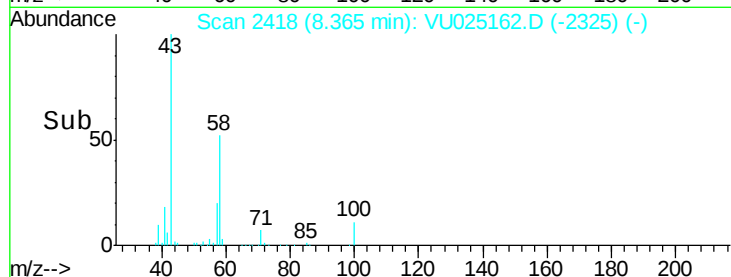
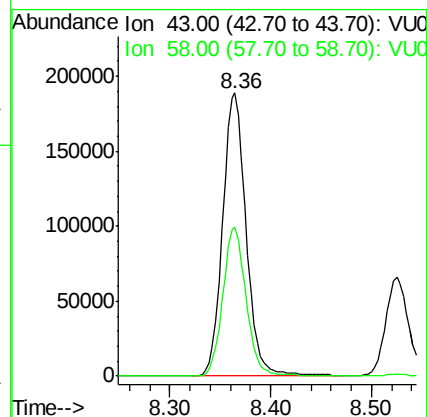
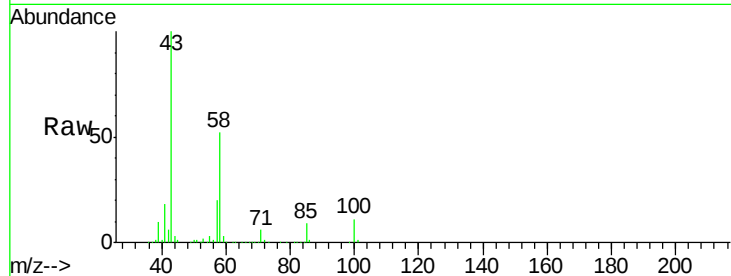
#59
2-Hexanone
Concen: 107.14 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

Tot Ion: 43 Resp: 306572
Ion Ratio Lower Upper
43 100
58 52.4 26.4 79.0

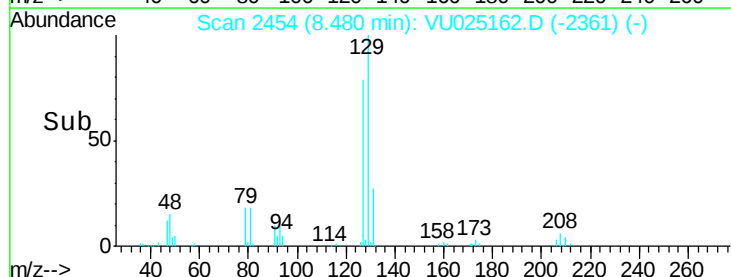
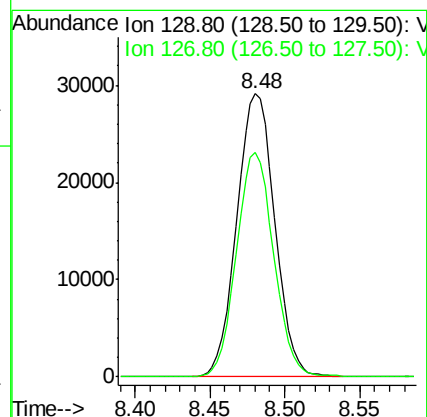
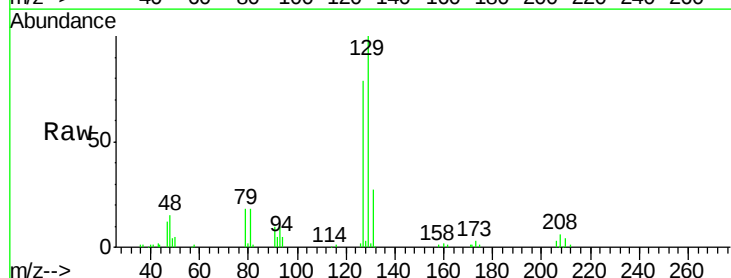
Manual Integrations
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#60
Dibromochloromethane
Concen: 18.72 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion: 129 Resp: 51514
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





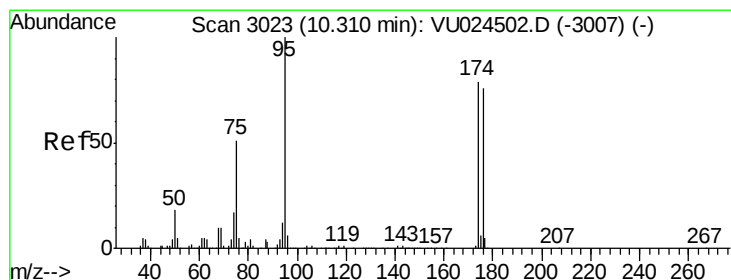
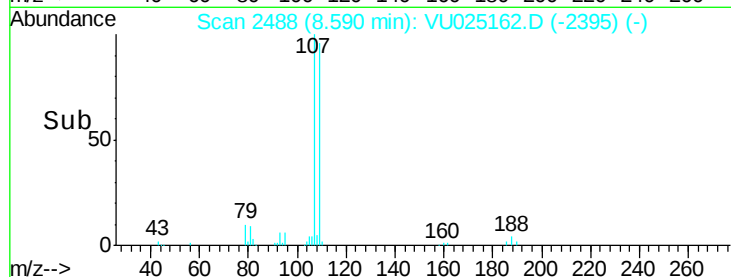
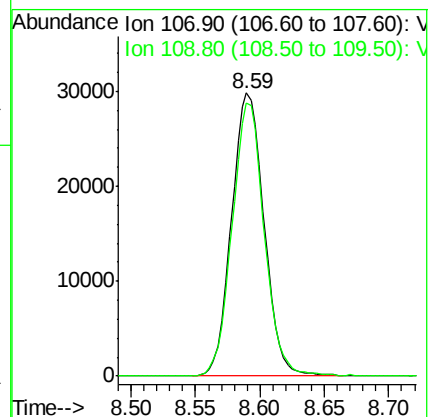
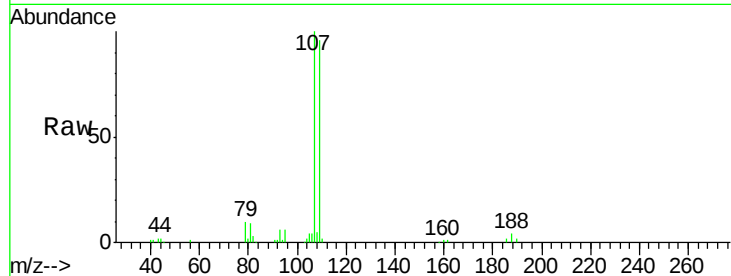
#61
 1,2-Dibromoethane
 Concen: 21.24 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.7	74.5	111.7

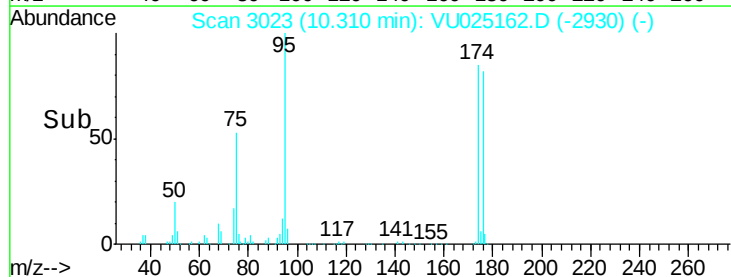
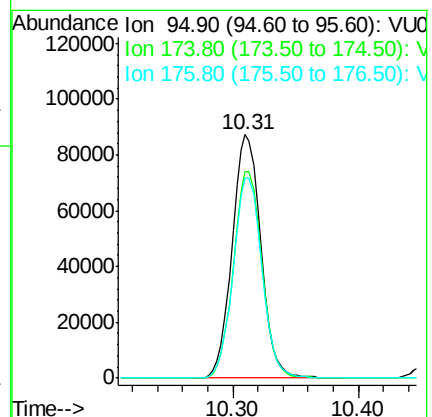
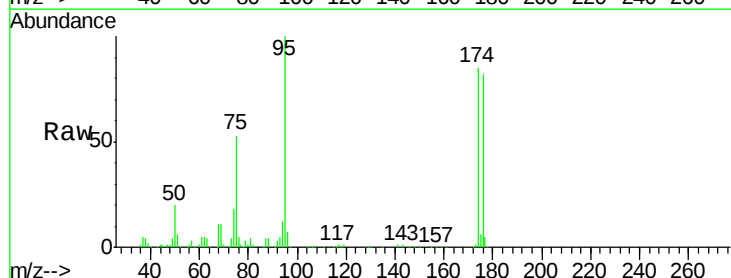
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 45.72 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	165.8
176	82.7	0.0	159.4





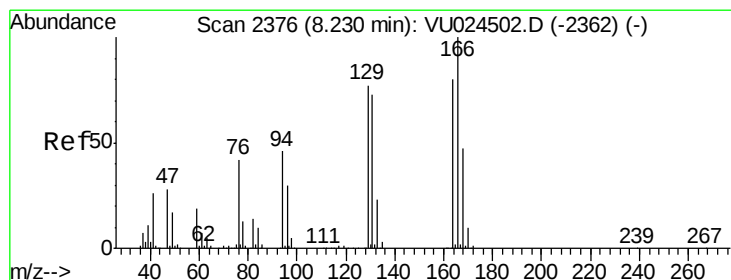
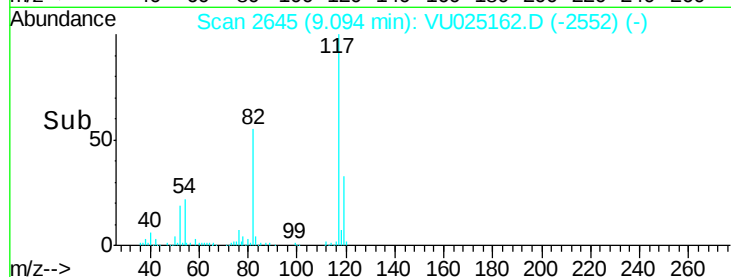
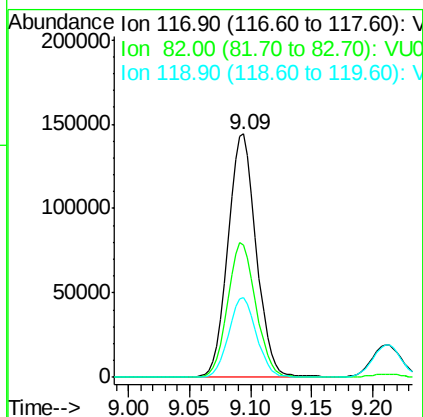
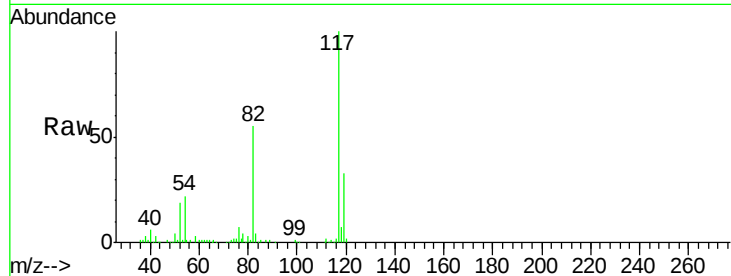
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.5	44.3	66.5
119	32.6	25.4	38.2

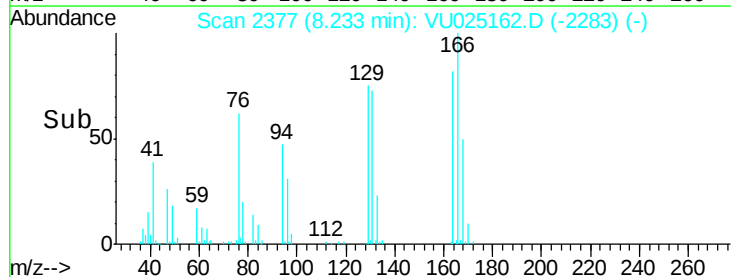
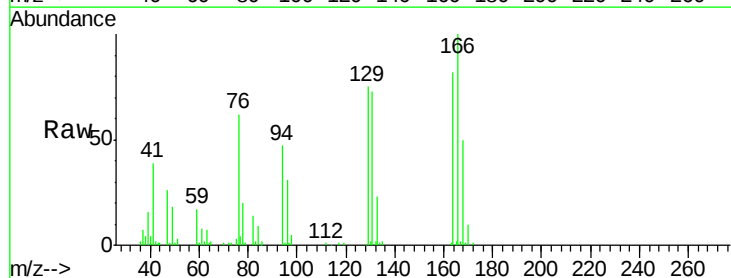
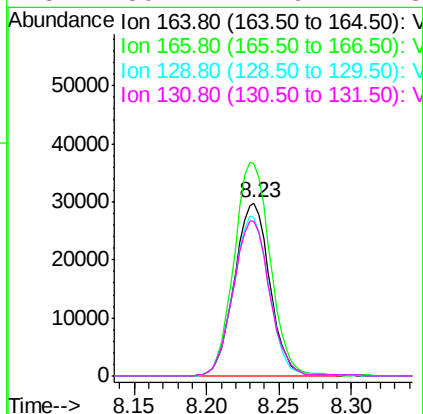
Manual Integrations
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#64
Tetrachloroethene
Concen: 22.69 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	122.3	101.7	152.5
129	91.3	76.9	115.3
131	89.4	74.9	112.3





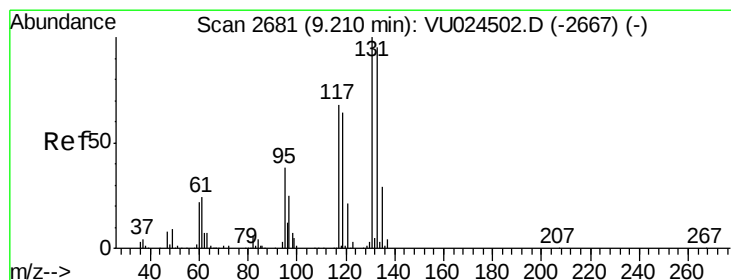
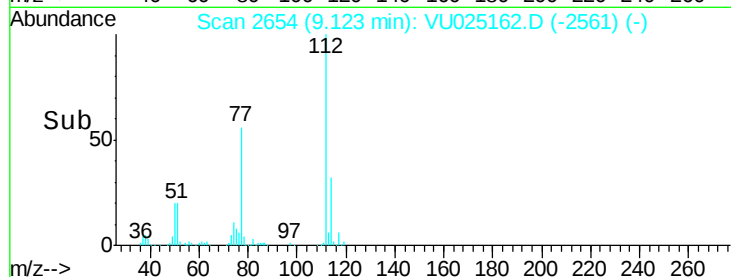
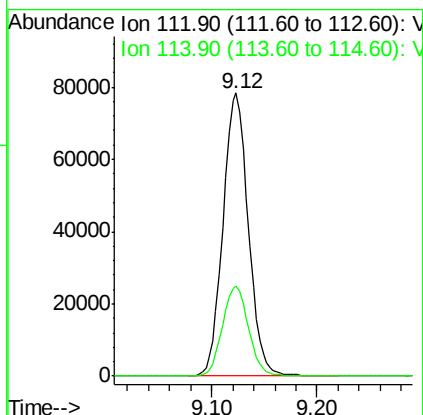
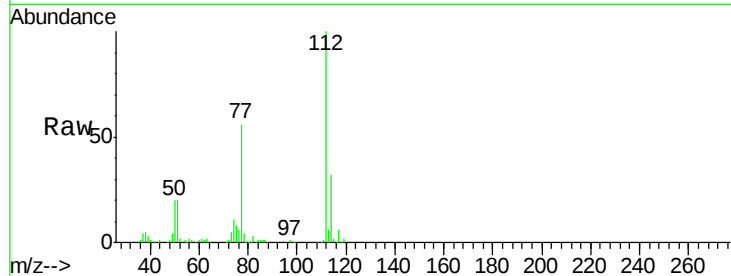
#65
Chlorobenzene
Concen: 21.77 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.6	38.4

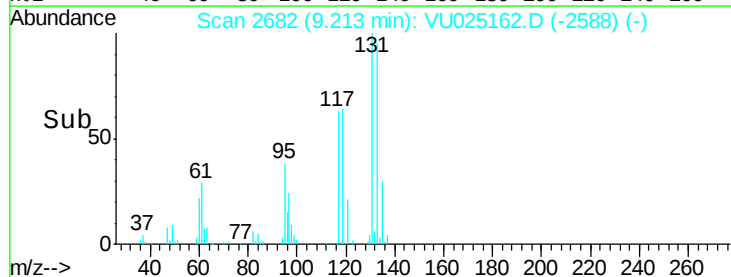
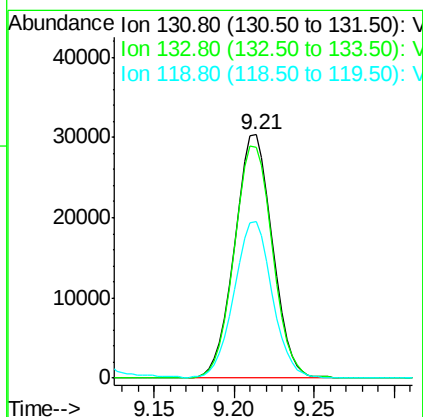
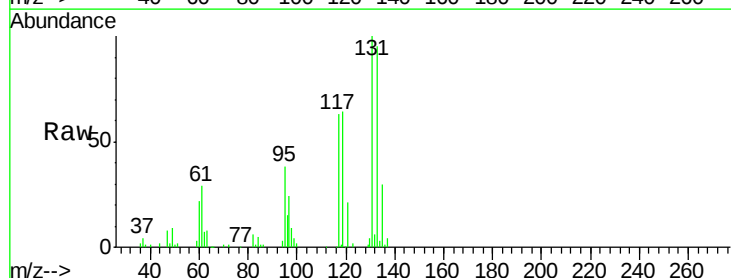
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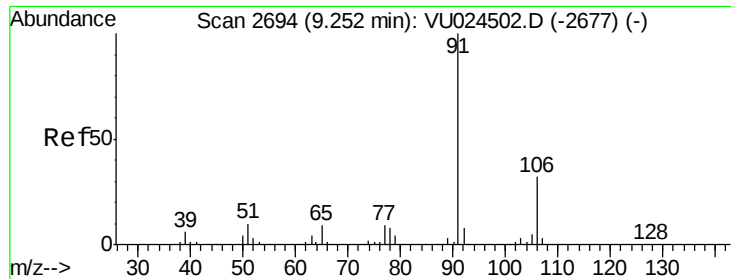
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.50 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	46.9	140.8
119	64.9	33.5	100.4





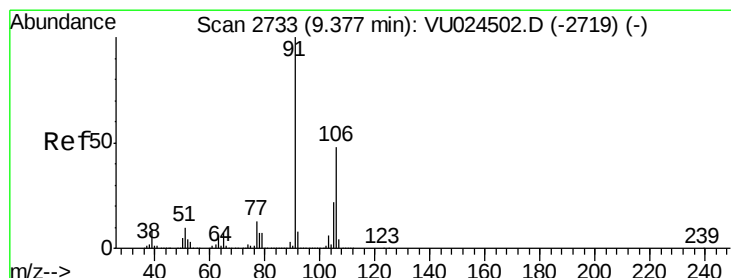
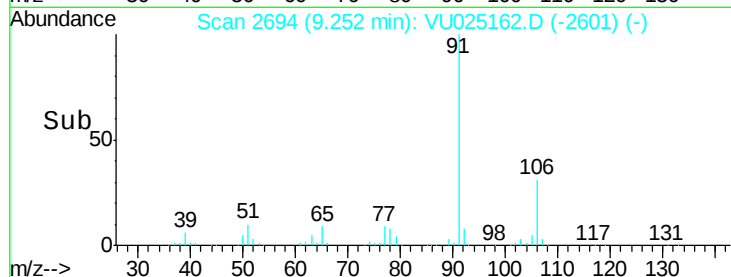
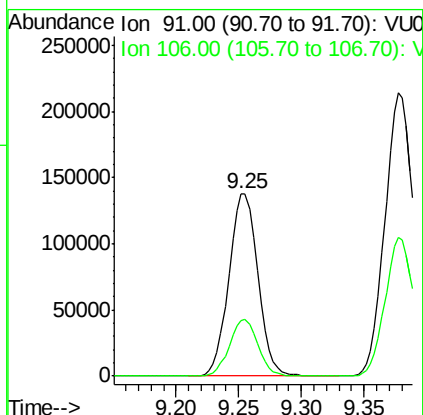
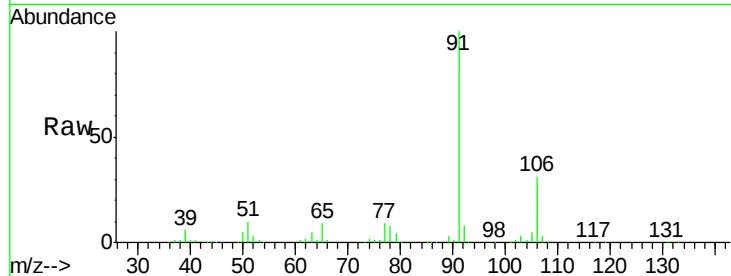
#67
Ethyl Benzene
Concen: 21.17 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

Tot Ion: 91 Resp: 222224
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4

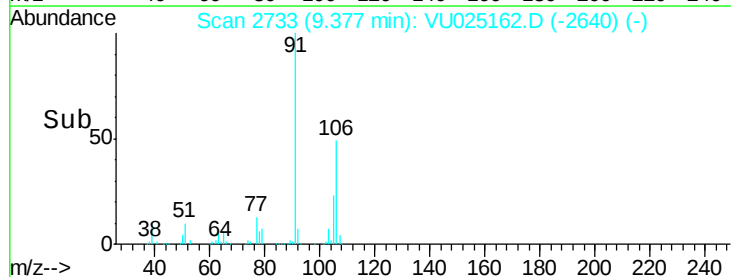
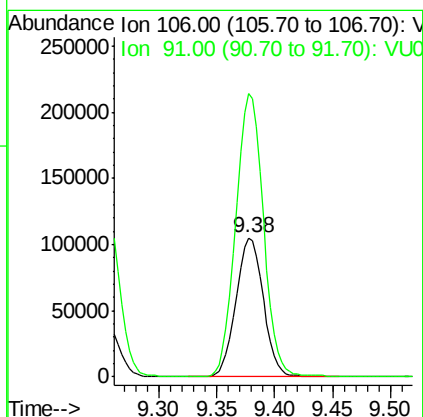
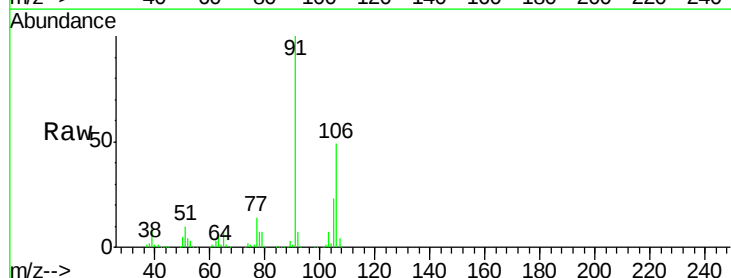
Manual Integrations
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#68
m/p-Xylenes
Concen: 42.66 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion: 106 Resp: 171934
Ion Ratio Lower Upper
106 100
91 204.7 166.5 249.7





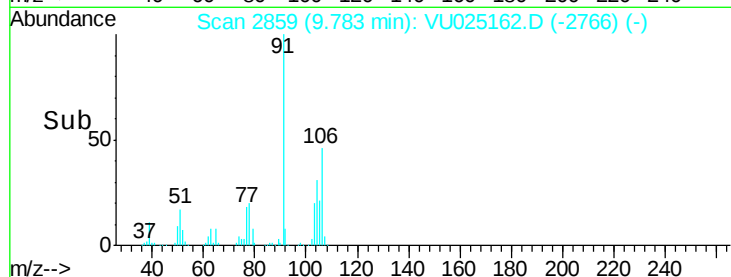
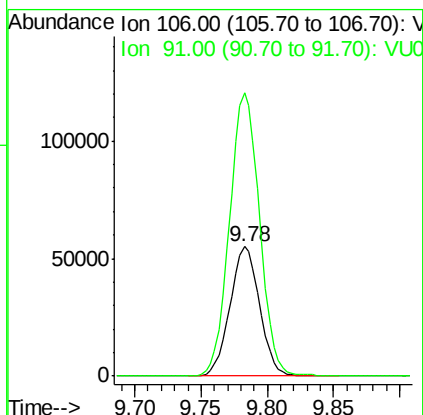
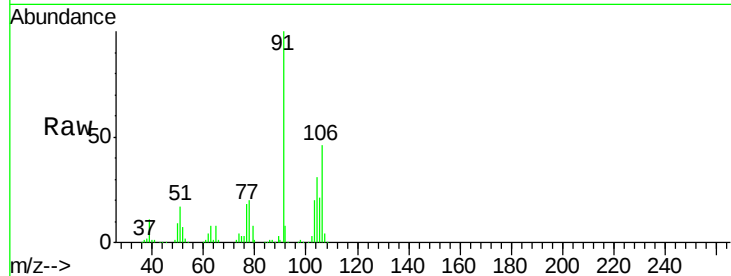
#69
o-Xylene
Concen: 21.45 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	220.9	110.7	331.9

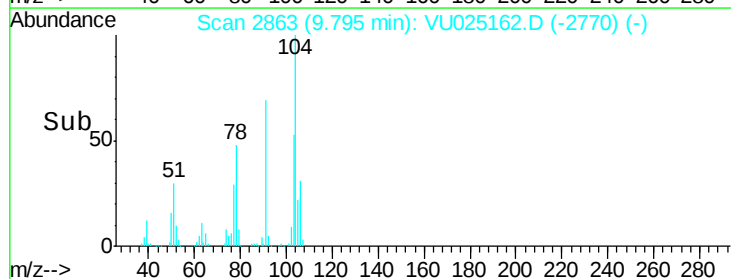
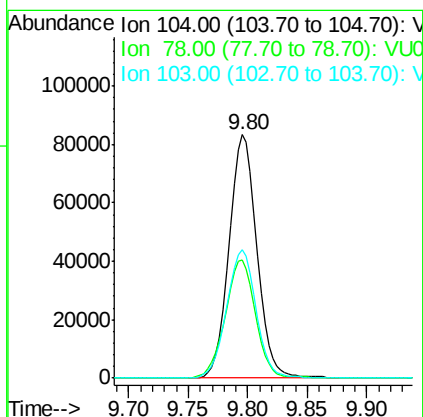
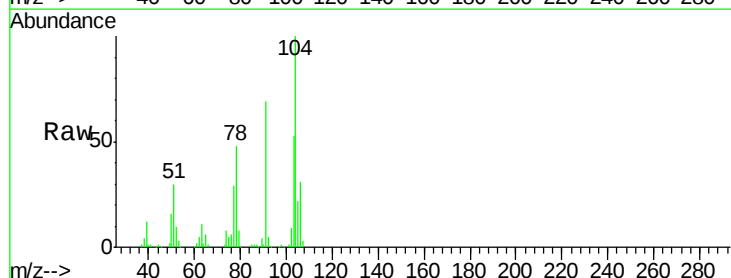
Manual Integrations
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#70
Styrene
Concen: 20.63 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.6	40.6	60.8
103	55.9	44.7	67.1





#71

Bromoform

Concen: 18.47 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

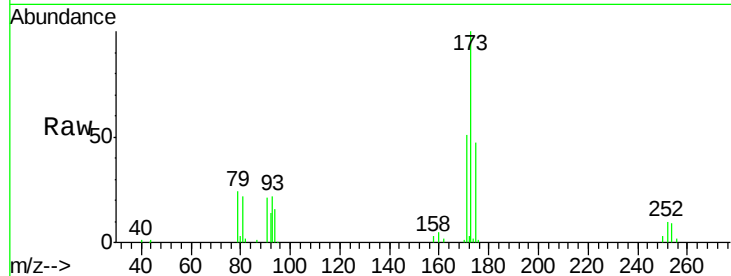
ClientSampleId :

VU0702WBS02

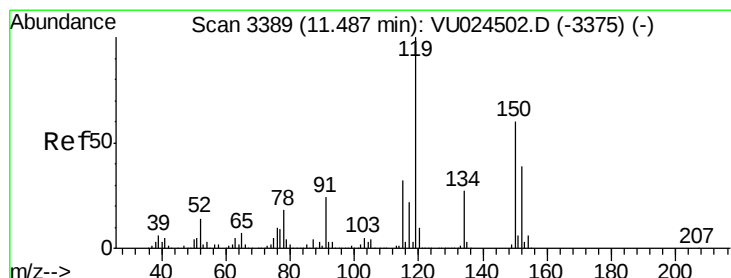
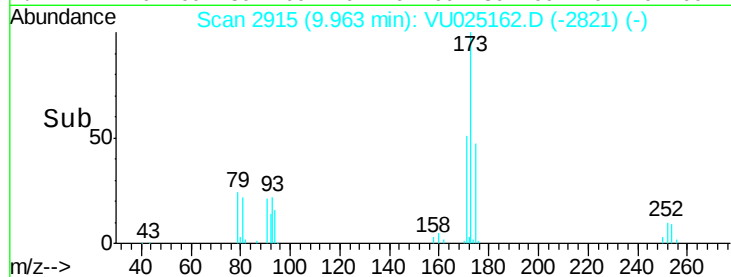
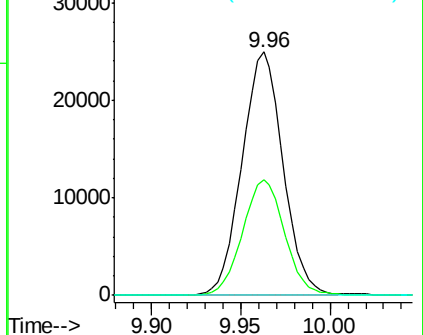
Tot Ion:	173	Resp:	39941
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.6	74.0
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

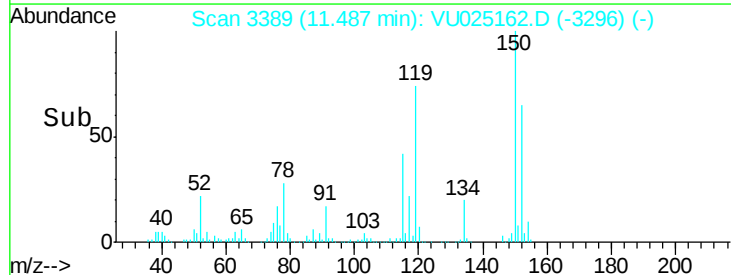
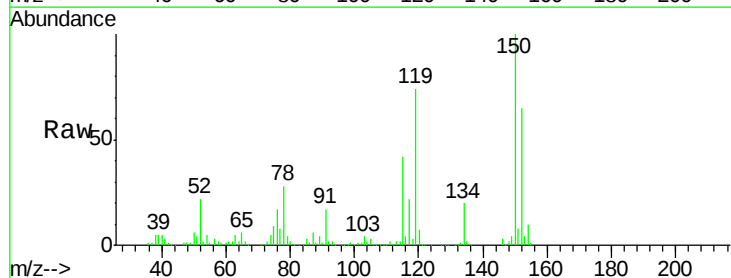
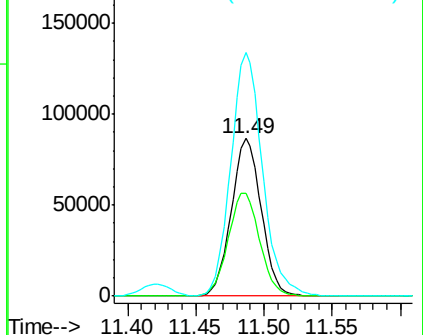
Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Tgt Ion:	152	Resp:	131911
Ion Ratio	Lower	Upper	
152	100		
115	68.7	43.0	129.0
150	163.6	0.0	354.0

Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.88 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

Tot Ion: 105 Resp: 231683

Ion Ratio Lower Upper

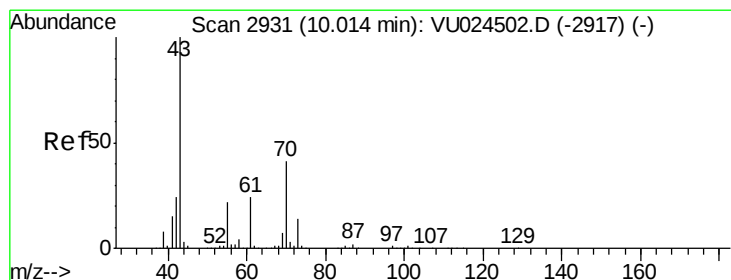
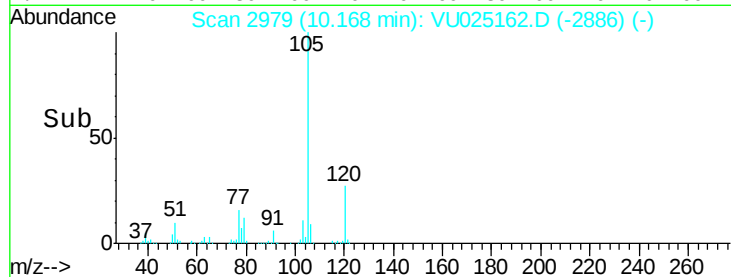
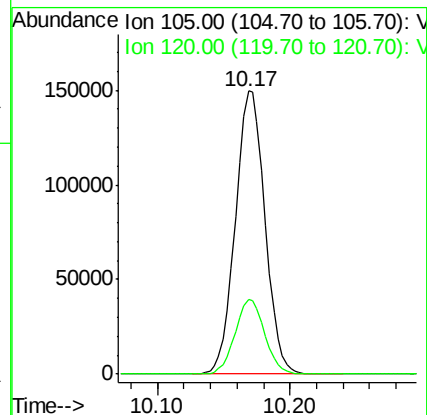
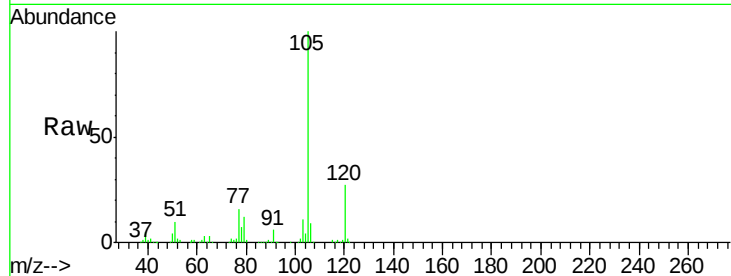
105 100

120 26.5 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: VU025162.D

Acq: 02 Jul 2018 23:45

Tgt Ion: 43 Resp: 99317

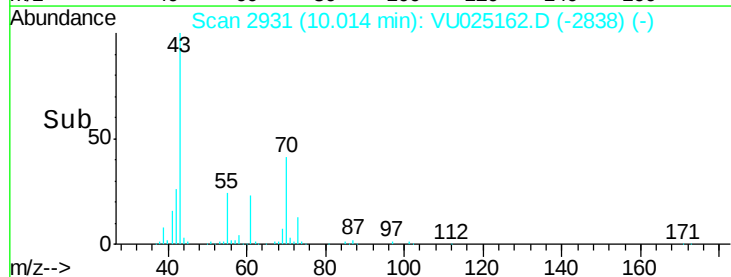
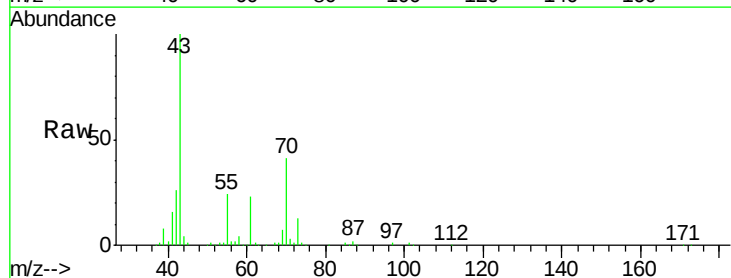
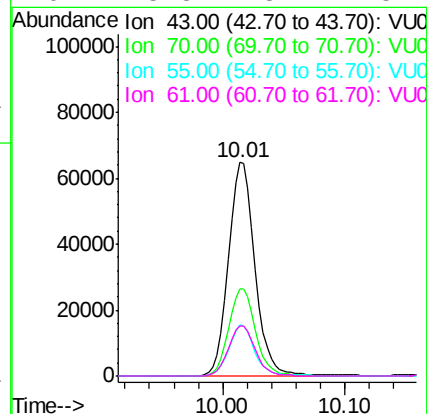
Ion Ratio Lower Upper

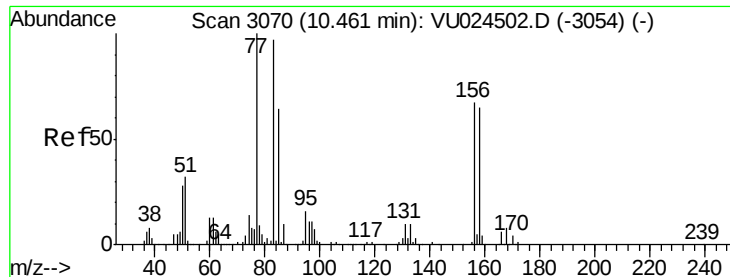
43 100

70 41.4 32.2 48.4

55 23.1 20.5 30.7

61 23.8 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 23.28 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

Tot Ion: 83 Resp: 79018

Ion Ratio Lower Upper

83 100

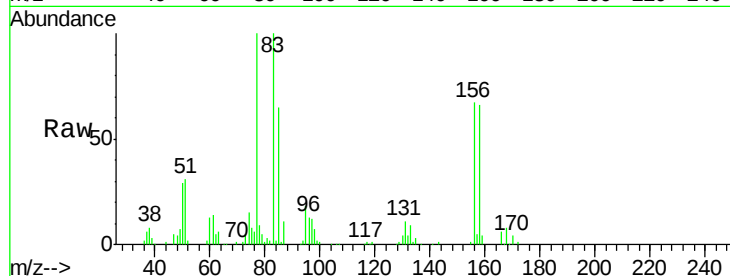
131 11.0 4.7 14.1

85 65.7 32.5 97.5

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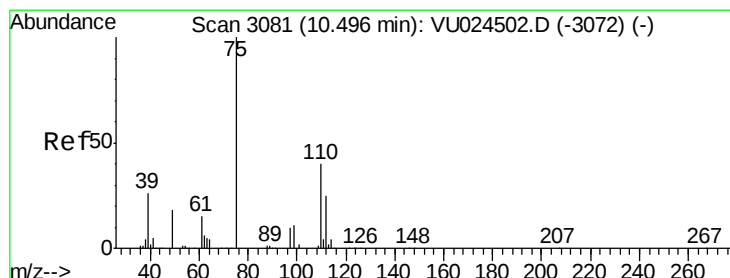
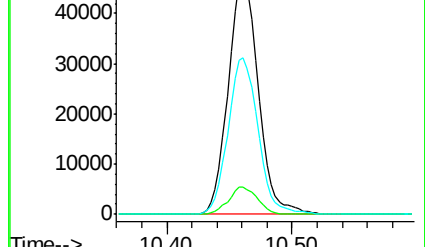
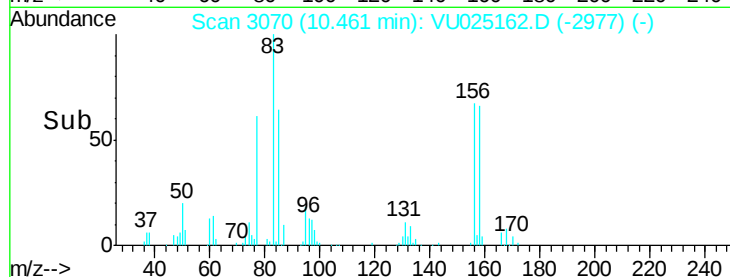


Abundance Ion 82.90 (82.60 to 83.60): VU025162.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025162.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025162.D (-2977) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 23.45 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU025162.D

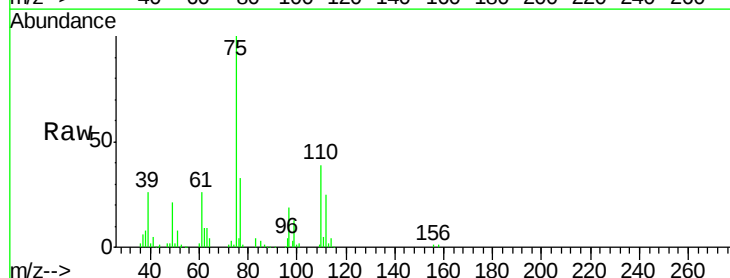
Acq: 02 Jul 2018 23:45

Tgt Ion: 75 Resp: 68104

Ion Ratio Lower Upper

75 100

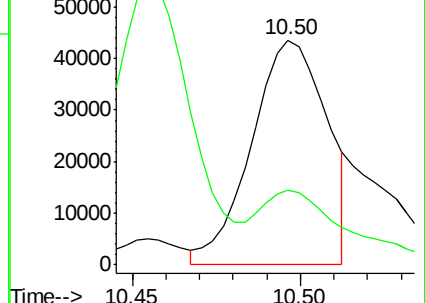
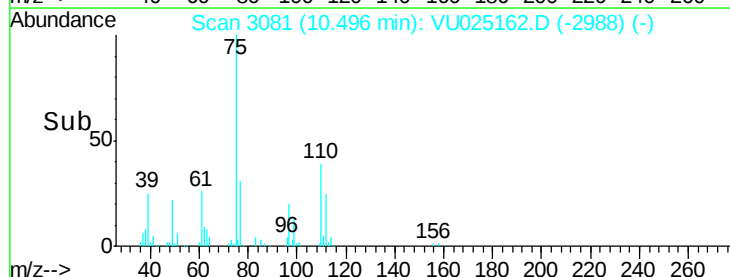
77 39.6 20.9 62.7

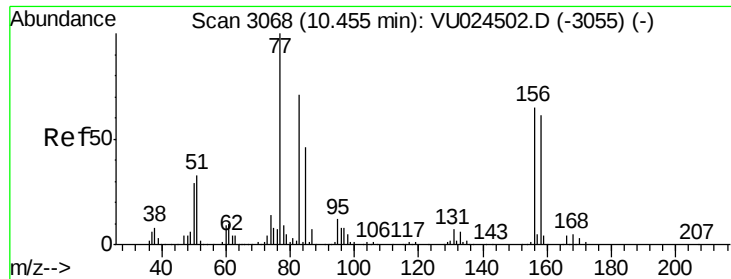


Abundance Ion 74.90 (74.60 to 75.60): VU025162.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025162.D (-2988) (-)

Time-->





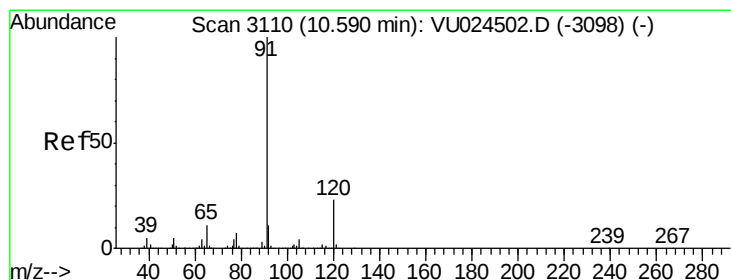
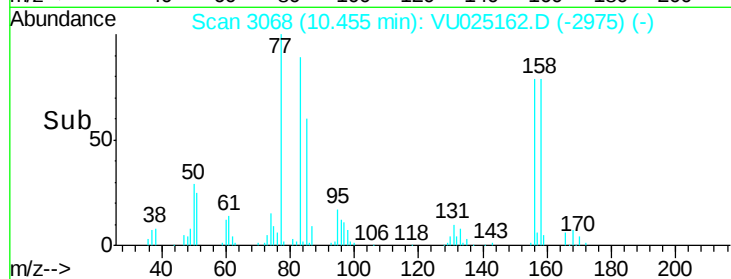
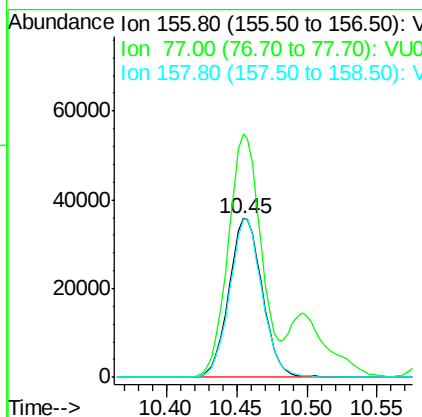
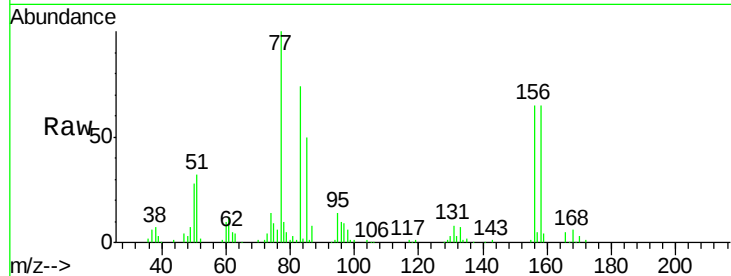
#77
Bromobenzene
Concen: 23.04 ug/l
RT: 10.45 min Scan# 3068
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	151.0	80.5	241.3
158	97.5	48.2	144.6

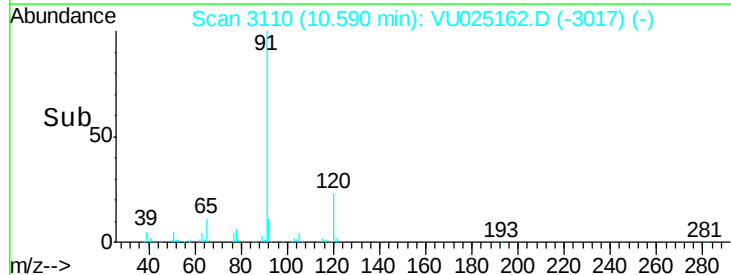
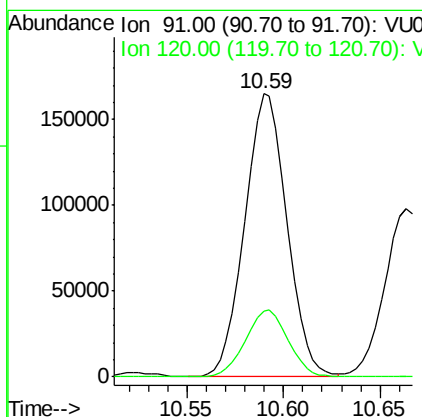
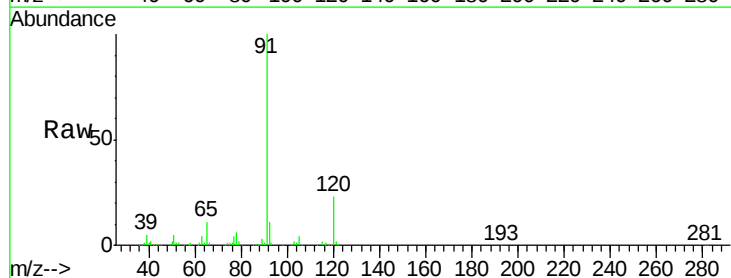
Manual Integrations
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#78
n-propylbenzene
Concen: 20.96 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.2	33.5





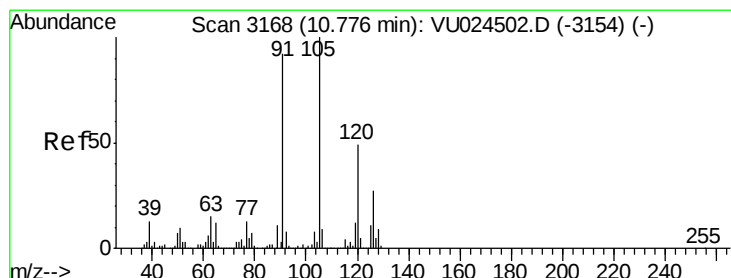
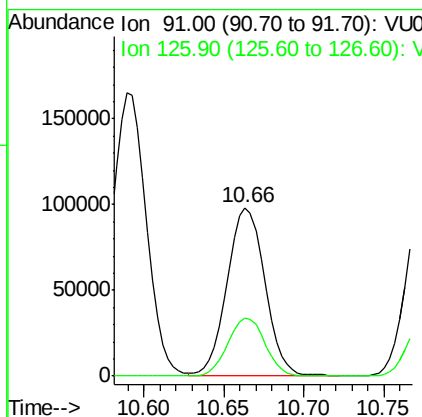
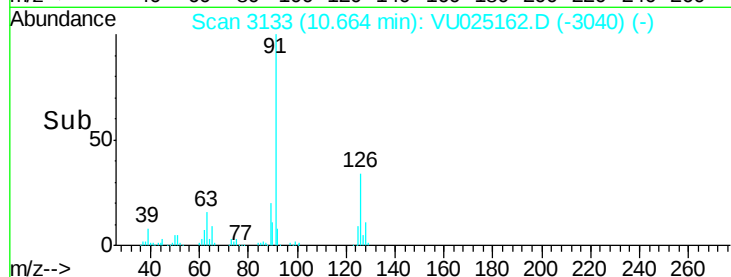
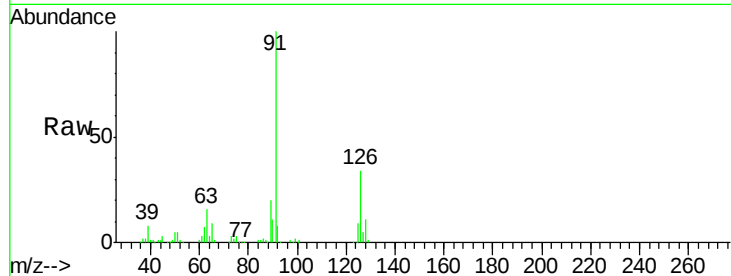
#79
 2-Chlorotoluene
 Concen: 22.19 ug/l
 RT: 10.66 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS02

Tot Ion: 91 Resp: 156148
 Ion Ratio Lower Upper
 91 100
 126 34.5 16.9 50.7

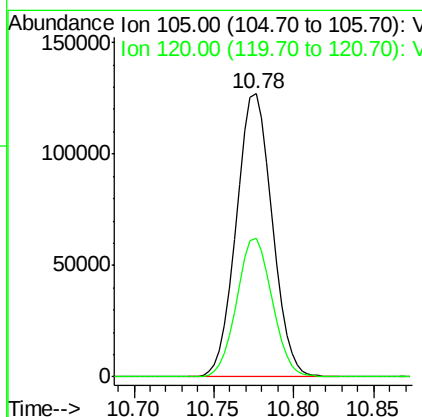
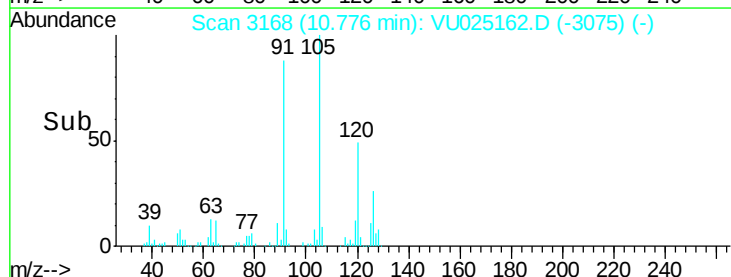
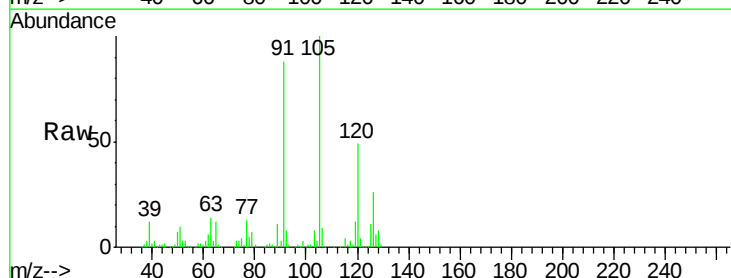
Manual Integrations
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.05 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Tgt Ion: 105 Resp: 193573
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.2





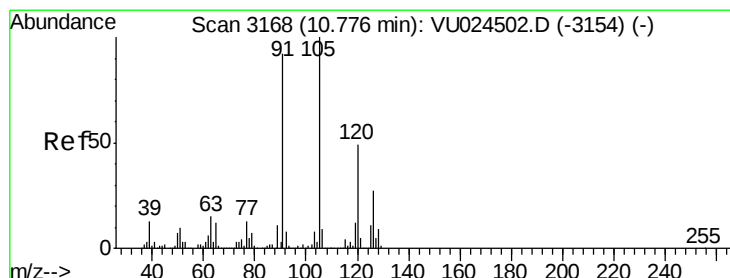
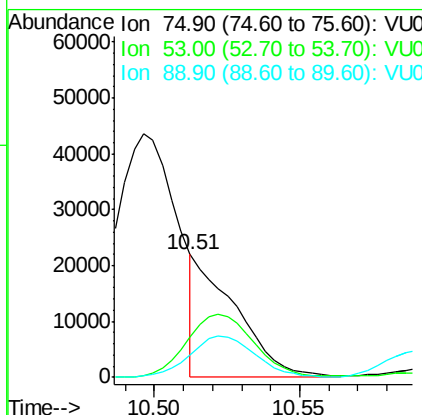
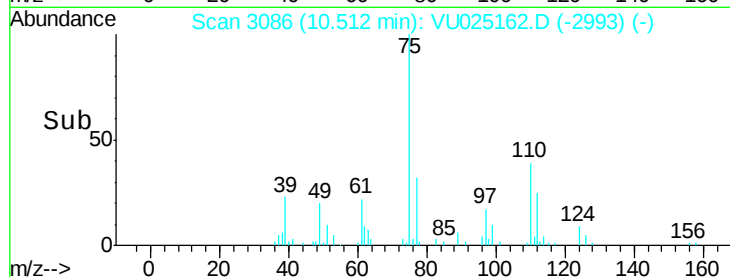
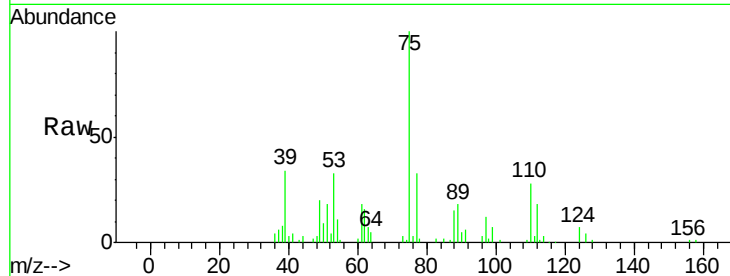
#81
trans-1,4-Dichloro-2-butene
Concen: 17.01 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

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

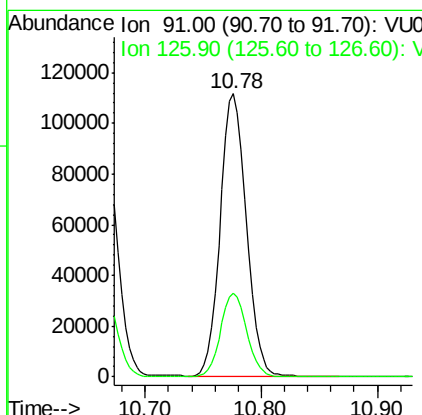
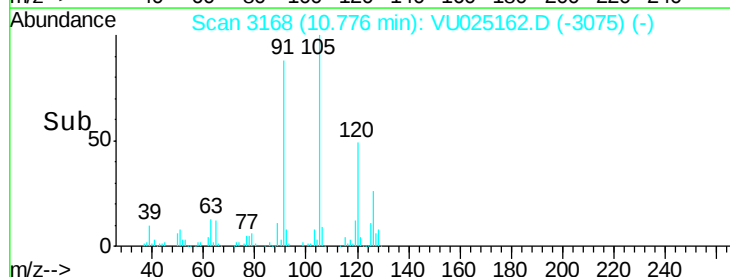
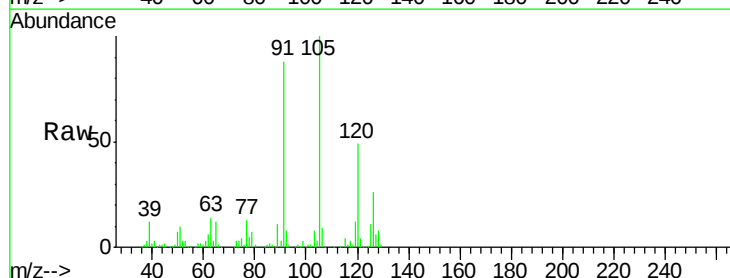
Manual Integrations
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#82
4-Chlorotoluene
Concen: 21.44 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.9	44.9





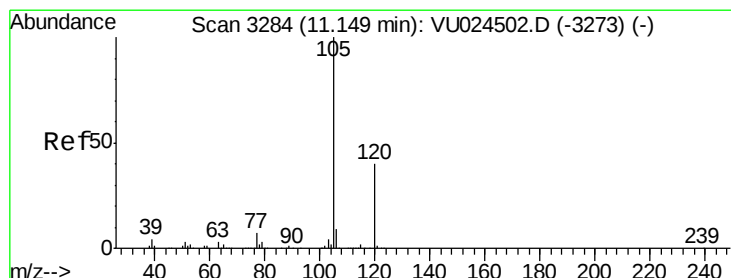
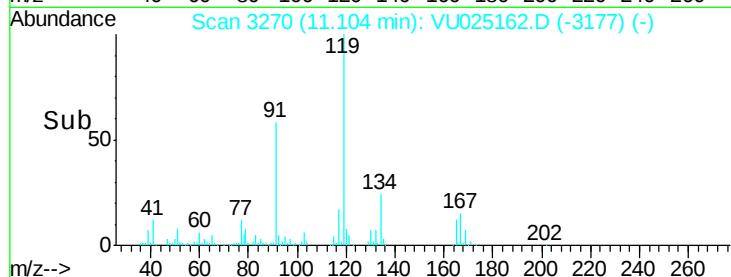
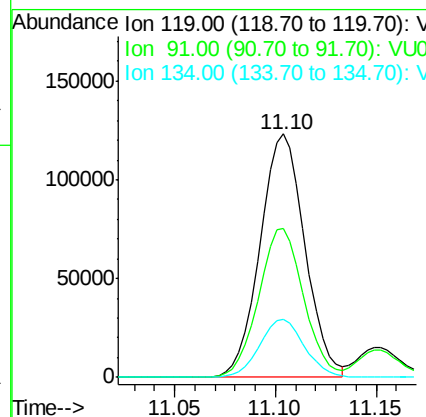
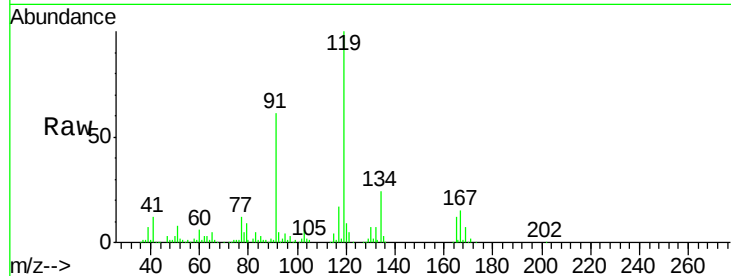
#83
tert-Butylbenzene
Concen: 22.63 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	191057		
91	61.5	29.7	89.1	
134	23.8	11.6	34.7	

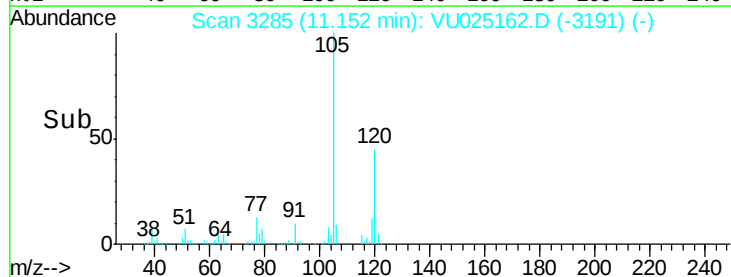
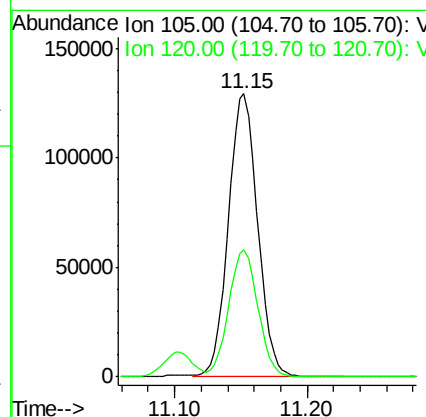
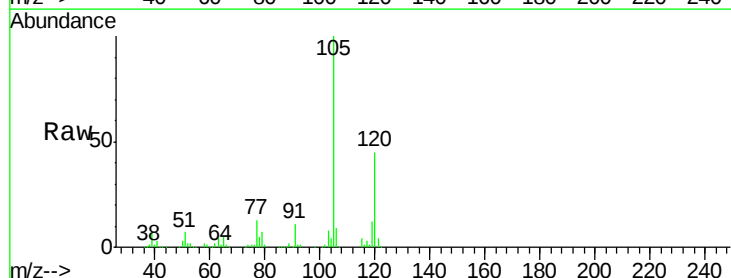
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 22.05 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	197224		
120	45.1	22.6	67.8	





#85

sec-Butylbenzene

Concen: 21.62 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

Tot Ion:105 Resp: 228522

Ion Ratio Lower Upper

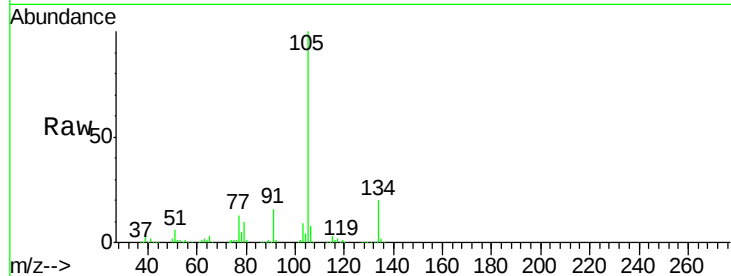
105 100

134 20.2 9.7 29.1

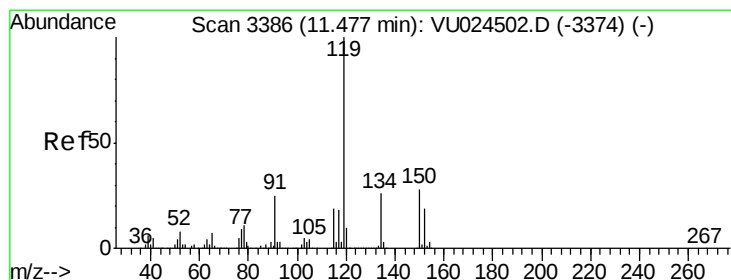
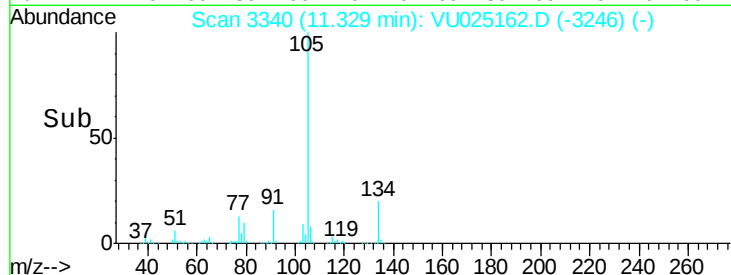
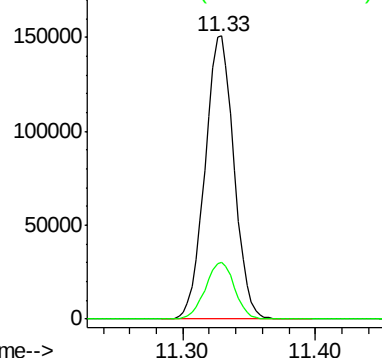
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.20 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

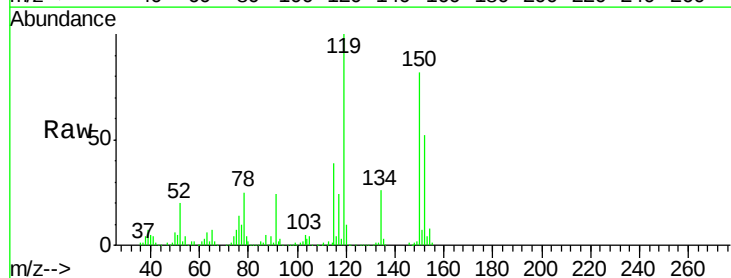
Tgt Ion:119 Resp: 200692

Ion Ratio Lower Upper

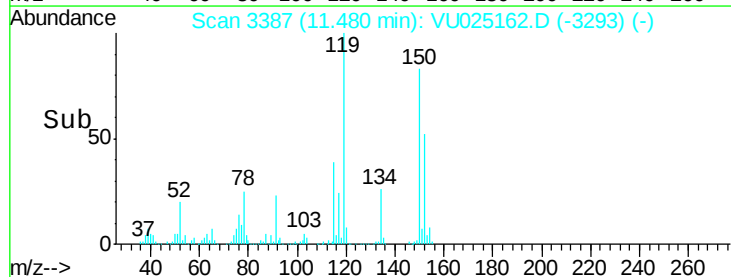
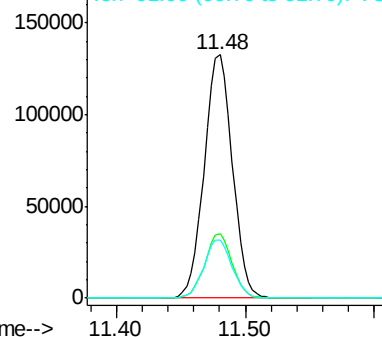
119 100

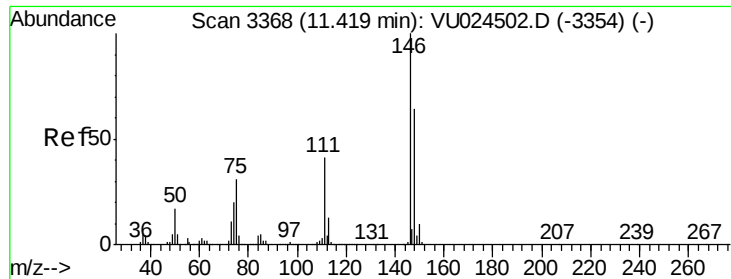
134 25.7 12.9 38.6

91 24.0 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





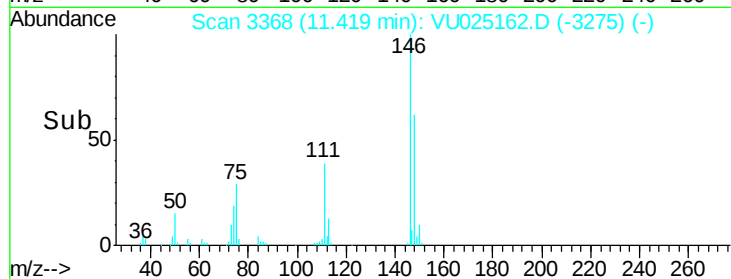
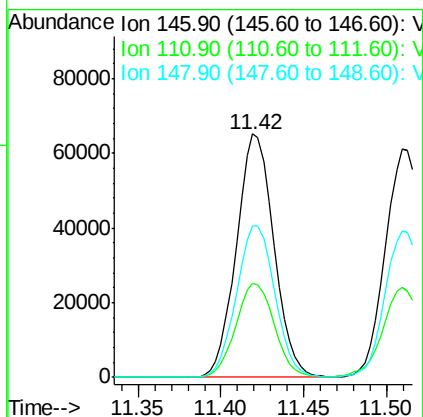
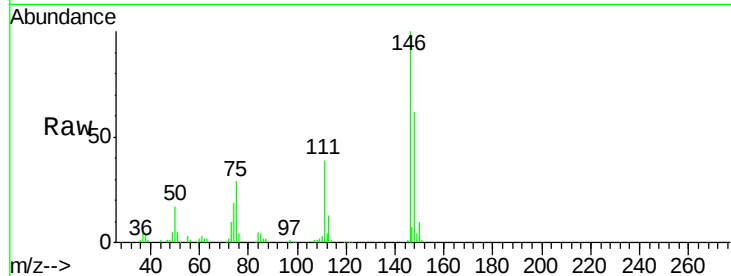
#87
 1,3-Dichlorobenzene
 Concen: 21.71 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	60.0
148	63.9	32.1	96.5

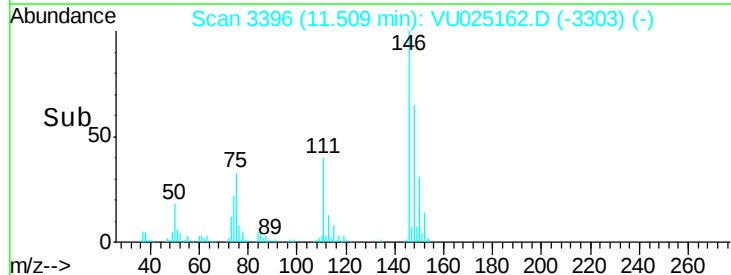
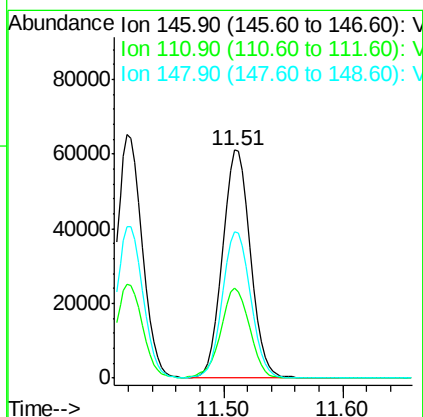
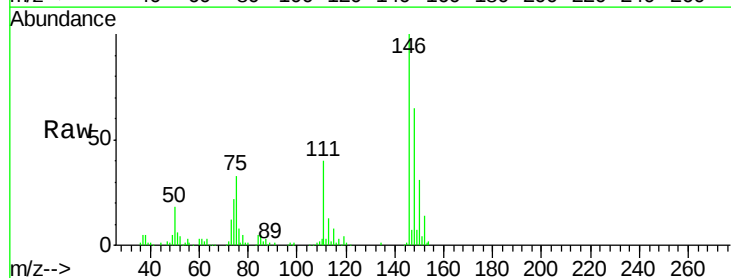
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 20.89 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.5	58.5
148	65.1	32.4	97.0





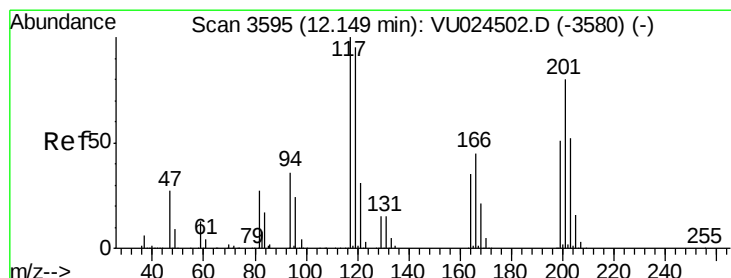
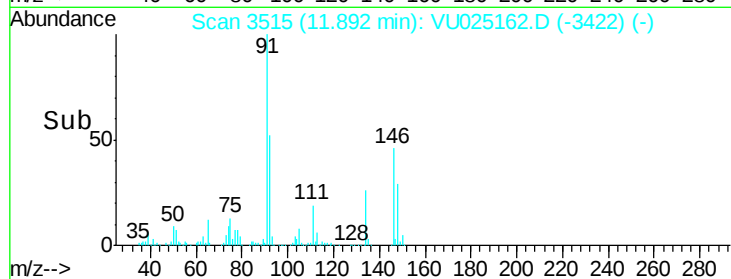
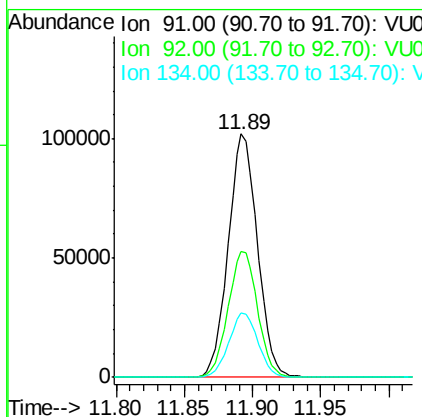
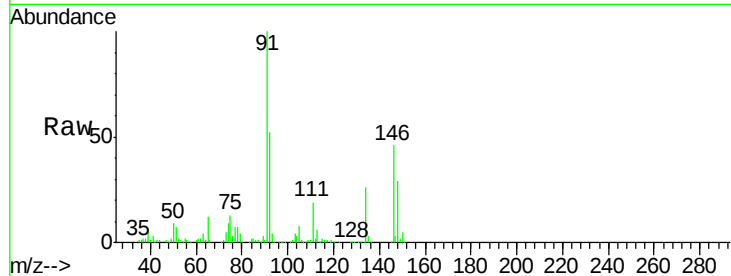
#89
n-Butylbenzene
Concen: 18.08 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.6	76.8
134	26.2	12.3	36.8

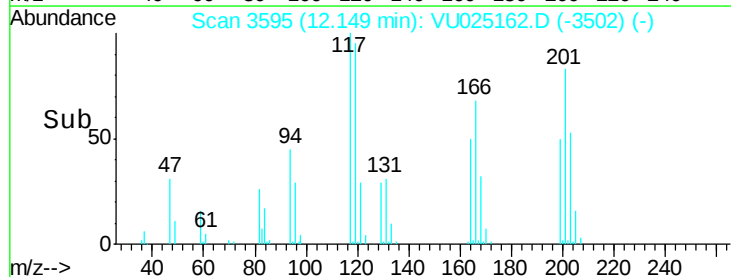
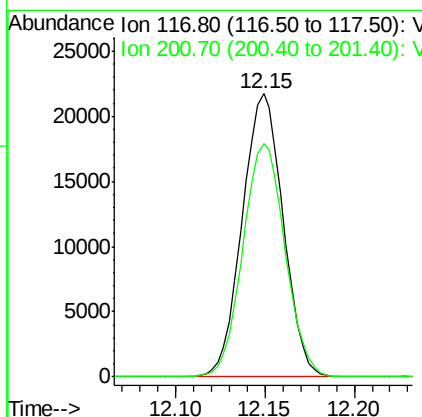
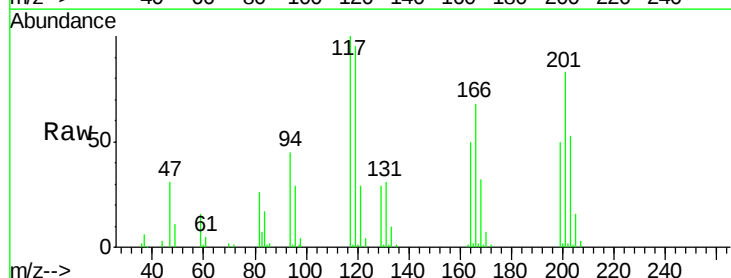
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#90
Hexachloroethane
Concen: 18.89 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.7	41.1	123.3





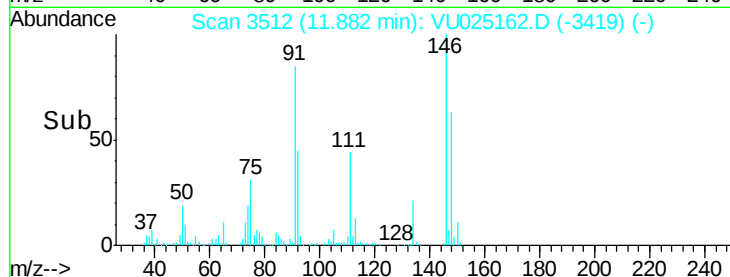
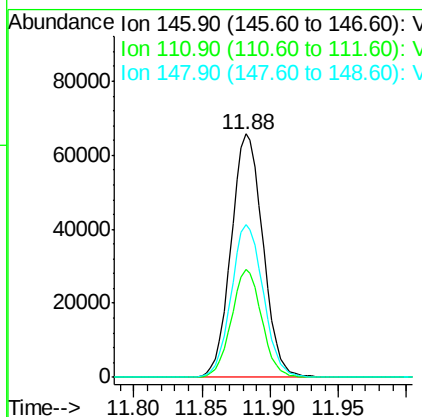
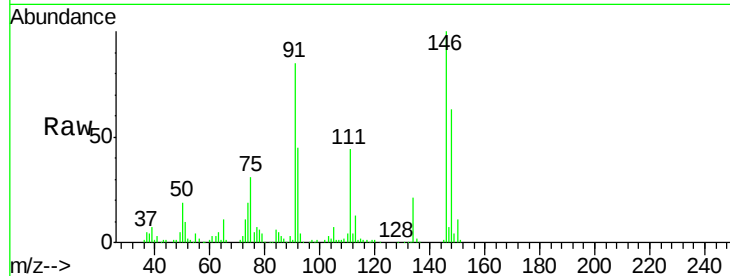
#91
 1,2-Dichlorobenzene
 Concen: 22.43 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.5	61.6
148	63.4	31.9	95.7

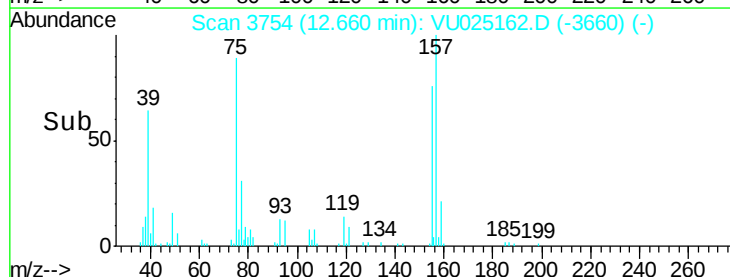
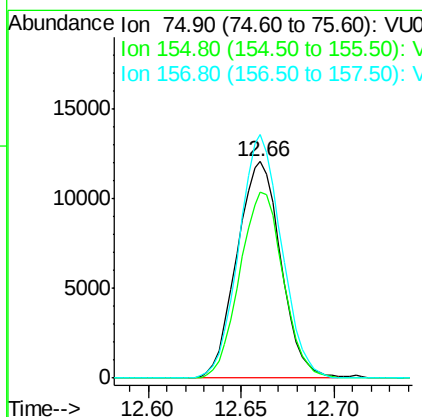
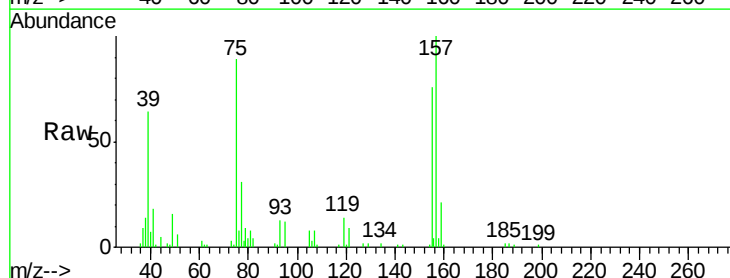
Manual Integrations
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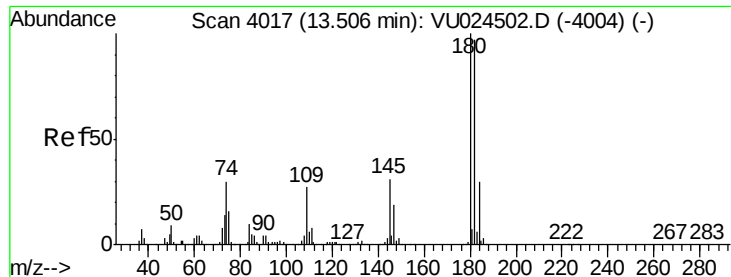
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.21 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.4	40.4	121.2
157	108.5	52.3	156.8





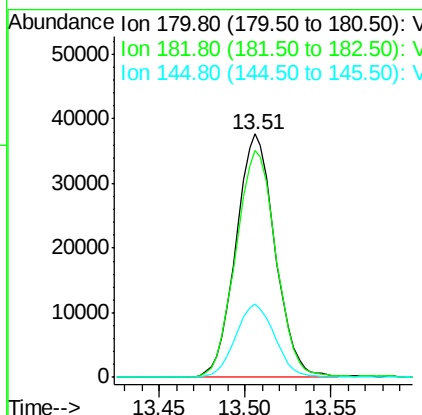
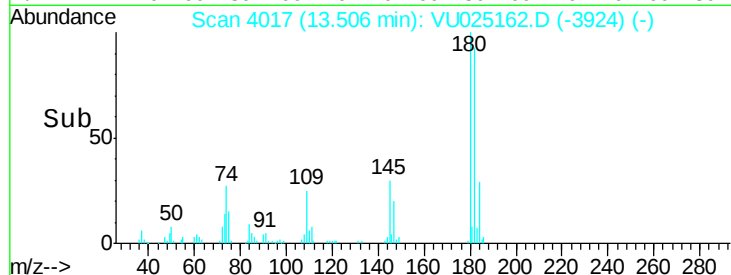
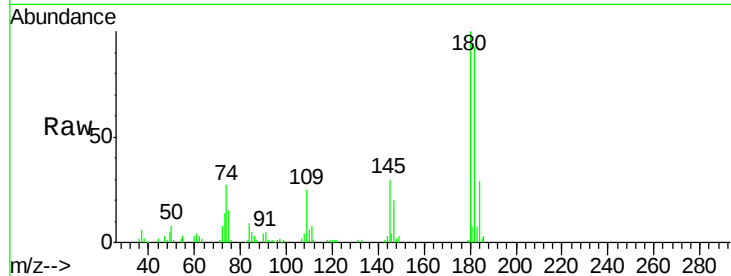
#93
 1,2,4-Trichlorobenzene
 Concen: 20.32 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS02

Tot Ion:	180	Resp:	59544
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.0	144.2
145	30.1	14.7	44.1

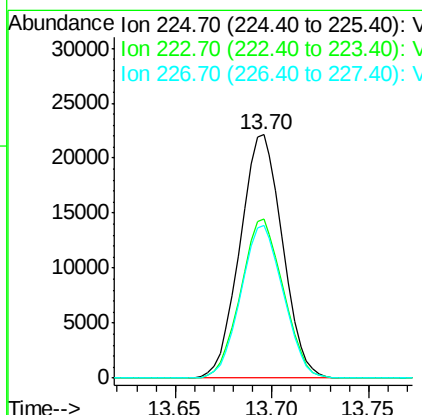
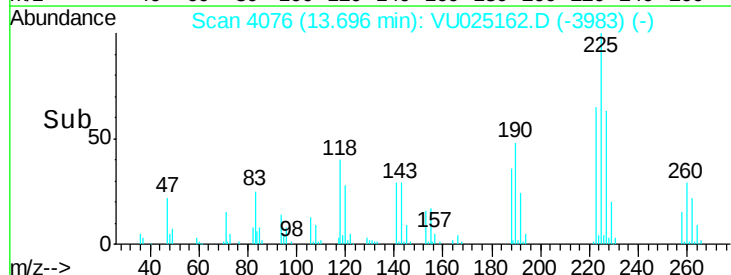
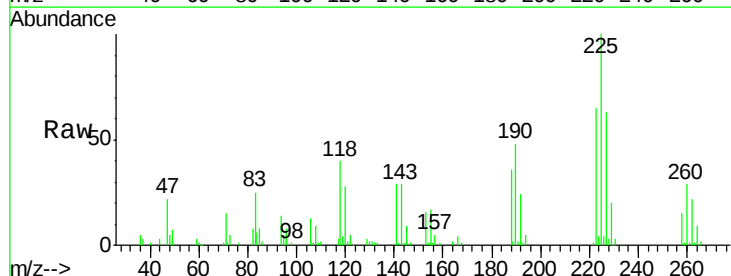
Manual Integrations
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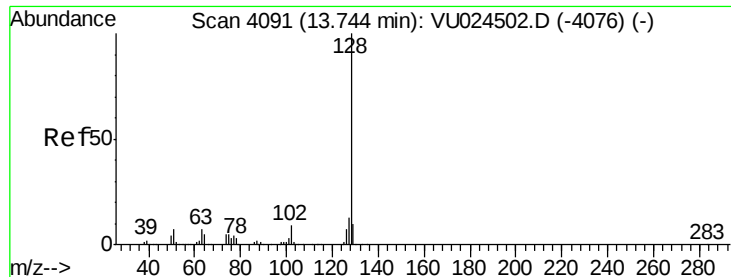
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#94
 Hexachlorobutadiene
 Concen: 20.55 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Tgt Ion:	225	Resp:	33892
Ion Ratio	Lower	Upper	
225	100		
223	65.3	31.3	93.8
227	62.5	31.8	95.4





#95

Naphthalene

Concen: 21.59 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

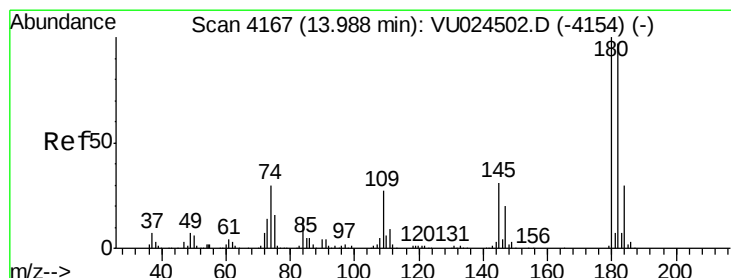
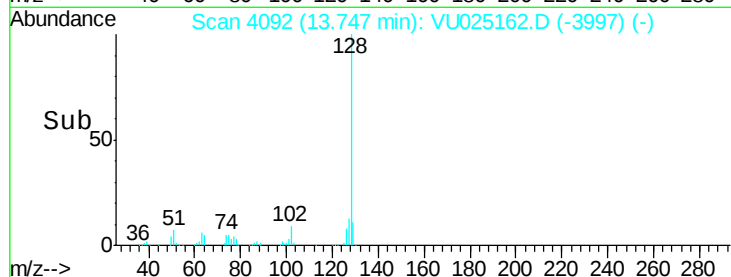
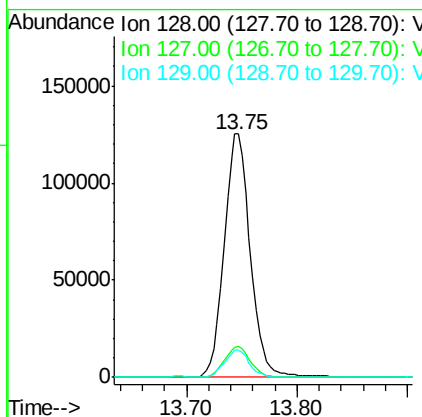
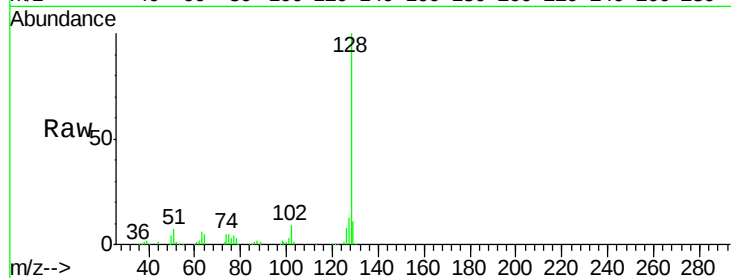
ClientSampleId :

VU0702WBS02

Tot Ion:	128	Resp:	205604
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	10.5	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 22.44 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Tgt Ion:	180	Resp:	65508
Ion Ratio	Lower	Upper	
180	100		
182	96.9	47.9	143.7
145	32.0	15.4	46.1

