

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024958.D
 Acq On : 27 Jun 2018 11:42
 Operator : MD/SY
 Sample : VU0627WBS02
 Misc : 5.00mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 4:37:01 PM

Quant Time: Jun 27 13:46:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	188087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	281638	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	260935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	150366	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	131115	42.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.40%	
35) Dibromofluoromethane	4.89	113	106732	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
50) Toluene-d8	7.57	98	359888	42.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.42%	
62) 4-Bromofluorobenzene	10.31	95	144177	42.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	40338	17.13	ug/l	99
3) Chloromethane	1.33	50	43103	17.92	ug/l	99
4) Vinyl Chloride	1.40	62	44435	17.91	ug/l	96
5) Bromomethane	1.63	94	29984	25.01	ug/l	99
6) Chloroethane	1.70	64	31025	21.79	ug/l	98
7) Trichlorofluoromethane	1.89	101	74299	19.63	ug/l	99
8) Diethyl Ether	2.10	74	28411	20.96	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	45190	19.24	ug/l	98
10) Methyl Iodide	2.41	142	41580	24.00	ug/l	98
11) Tert butyl alcohol	2.82	59	70195	94.00	ug/l	100
12) 1,1-Dichloroethene	2.29	96	41385	19.32	ug/l	97
13) Acrolein	2.20	56	20888	53.26	ug/l	97
14) Allyl chloride	2.60	41	80204	20.17	ug/l	94
15) Acrylonitrile	2.94	53	139590	96.07	ug/l	98
16) Acetone	2.32	43	164881	99.94	ug/l	99
17) Carbon Disulfide	2.48	76	118363	17.26	ug/l	98
18) Methyl Acetate	2.62	43	76535	21.64	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	164645	20.45	ug/l	95
20) Methylene Chloride	2.71	84	48859	18.87	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	44515	18.87	ug/l	97
22) Diisopropyl ether	3.57	45	154354	19.58	ug/l	# 88
23) Vinyl Acetate	3.53	43	663355	93.94	ug/l	99
24) 1,1-Dichloroethane	3.45	63	90128	19.88	ug/l	98
25) 2-Butanone	4.26	43	214447	96.77	ug/l	95
26) 2,2-Dichloropropane	4.23	77	85431	19.84	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	53956	19.90	ug/l	100
28) Bromochloromethane	4.55	49	38733	19.39	ug/l	84
29) Tetrahydrofuran	4.64	42	127052	92.58	ug/l	96
30) Chloroform	4.68	83	93625	20.40	ug/l	99
31) Cyclohexane	5.00	56	81617	19.05	ug/l	91
32) 1,1,1-Trichloroethane	4.92	97	86525	20.39	ug/l	96
36) 1,1-Dichloropropene	5.14	75	66295	20.03	ug/l	97
37) Ethyl Acetate	4.38	43	75509	20.93	ug/l	97
38) Carbon Tetrachloride	5.14	117	75663	20.79	ug/l	99

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Quant Time: Jun 27 13:46:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	84230	20.39	ug/l	96
40) Benzene	5.39	78	195263	20.71	ug/l	98
41) Methacrylonitrile	4.55	41	40792	20.97	ug/l	97
42) 1,2-Dichloroethane	5.41	62	80187	22.33	ug/l	98
43) Isopropyl Acetate	5.55	43	120288	19.29	ug/l	98
44) Trichloroethene	6.19	130	53408	19.90	ug/l	99
45) 1,2-Dichloropropane	6.44	63	51406	20.43	ug/l	93
46) Dibromomethane	6.56	93	37689	21.32	ug/l	95
47) Bromodichloromethane	6.76	83	69830	19.84	ug/l	95
48) Methyl methacrylate	6.63	41	61826	20.36	ug/l	98
49) 1,4-Dioxane	6.62	88	29609	498.68	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	386907	98.77	ug/l	99
52) Toluene	7.64	92	124563	20.53	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	79079	20.01	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	80697	19.16	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	49843	20.21	ug/l	99
56) Ethyl methacrylate	8.02	69	79728	19.32	ug/l	98
57) 1,3-Dichloropropane	8.25	76	86840	20.87	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	34106	21.57	ug/l	96
59) 2-Hexanone	8.36	43	311418	97.38	ug/l	100
60) Dibromochloromethane	8.48	129	57600	18.73	ug/l	100
61) 1,2-Dibromoethane	8.59	107	54948	20.02	ug/l	97
64) Tetrachloroethene	8.23	164	50505	20.36	ug/l	99
65) Chlorobenzene	9.12	112	142010	21.30	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	53701	21.20	ug/l	98
67) Ethyl Benzene	9.25	91	244751	20.94	ug/l	99
68) m/p-Xylenes	9.38	106	187717	41.83	ug/l	99
69) o-Xylene	9.78	106	93956	21.16	ug/l	97
70) Styrene	9.80	104	148669	20.37	ug/l	99
71) Bromoform	9.96	173	44781	18.60	ug/l #	98
73) Isopropylbenzene	10.17	105	253353	21.95	ug/l	100
74) N-amyl acetate	10.01	43	105528	19.22	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	80988	20.93	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	75957m	22.94	ug/l	
77) Bromobenzene	10.45	156	62667	21.44	ug/l	94
78) n-propylbenzene	10.59	91	285892	21.02	ug/l	98
79) 2-Chlorotoluene	10.66	91	174770	21.79	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	215491	21.54	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	26202m	18.32	ug/l	
82) 4-Chlorotoluene	10.78	91	198527	21.27	ug/l	99
83) tert-Butylbenzene	11.10	119	215719	22.41	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	220179	21.59	ug/l	99
85) sec-Butylbenzene	11.33	105	259366	21.53	ug/l	99
86) p-Isopropyltoluene	11.48	119	226284	20.97	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	112823	20.89	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	114638	21.09	ug/l	99
89) n-Butylbenzene	11.89	91	180896	18.88	ug/l	97
90) Hexachloroethane	12.15	117	40488	19.23	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	117943	21.81	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21510	20.15	ug/l	94

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Instrument :
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VU0627WBS02

Manual Integrations
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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	74655	22.35	ug/l	99
94) Hexachlorobutadiene	13.70	225	41006	21.81	ug/l	99
95) Naphthalene	13.74	128	246429	22.66	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	81023	24.35	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

Tot Ion:168 Resp: 188087

Ion Ratio Lower Upper

168 100

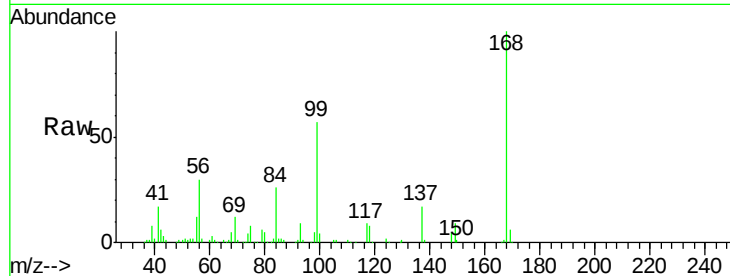
99 57.1 43.2 64.8

Manual Integrations

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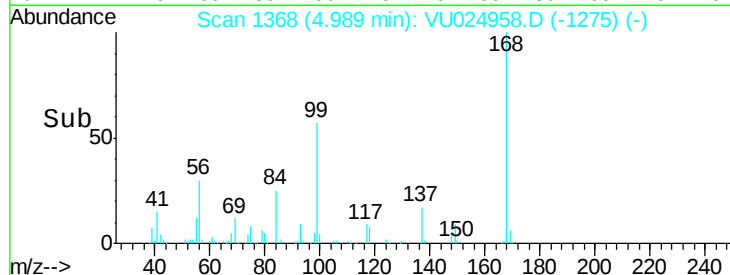
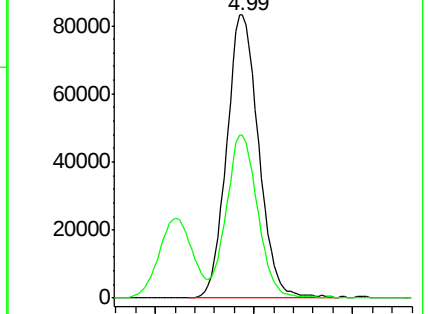
MMDadoda

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

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



#2

Dichlorodifluoromethane

Concen: 17.13 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU024958.D

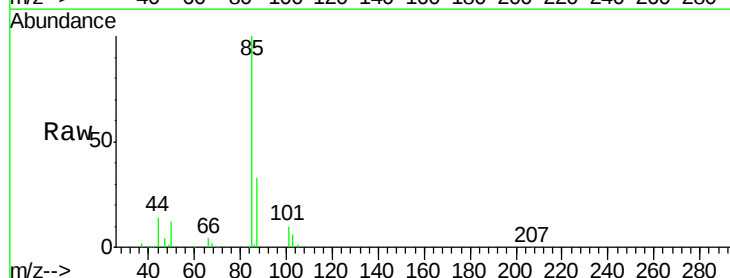
Acq: 27 Jun 2018 11:42

Tgt Ion: 85 Resp: 40338

Ion Ratio Lower Upper

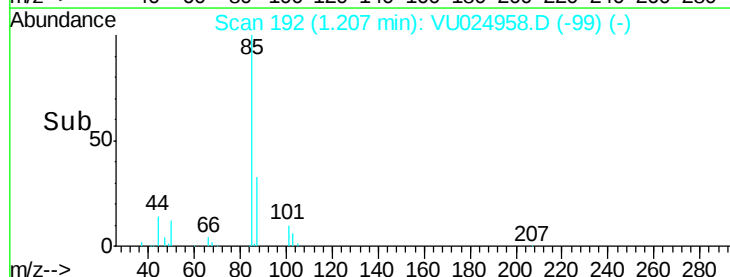
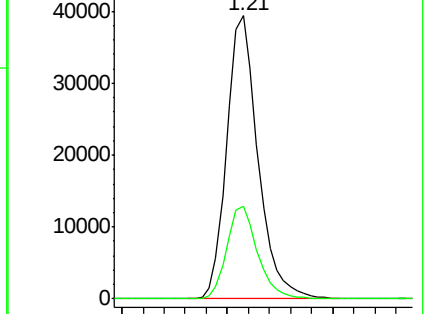
85 100

87 32.6 16.1 48.2



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

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





#3

Chloromethane

Concen: 17.92 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

Tot Ion: 50 Resp: 43103

Ion Ratio Lower Upper

50 100

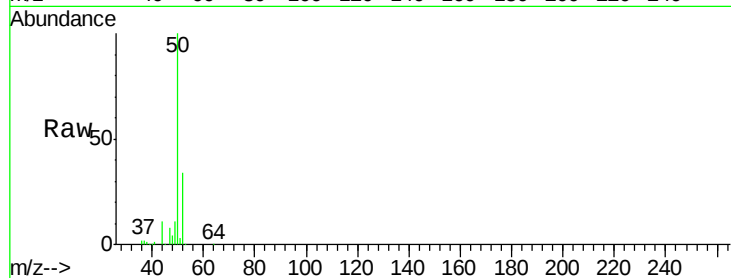
52 33.7 26.4 39.6

Manual Integrations

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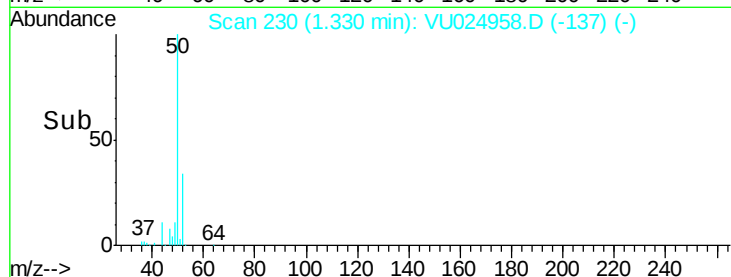


Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0

1.33

Time-->



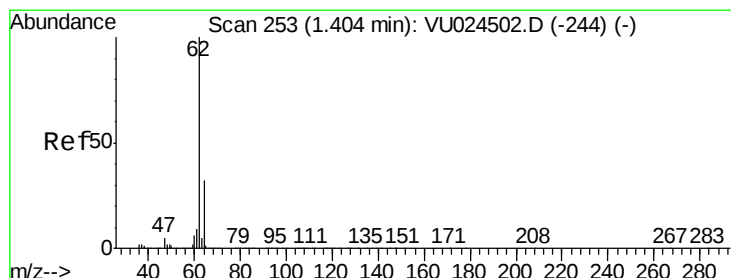
Abundance

Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0

1.33

Time-->



#4

Vinyl Chloride

Concen: 17.91 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024958.D

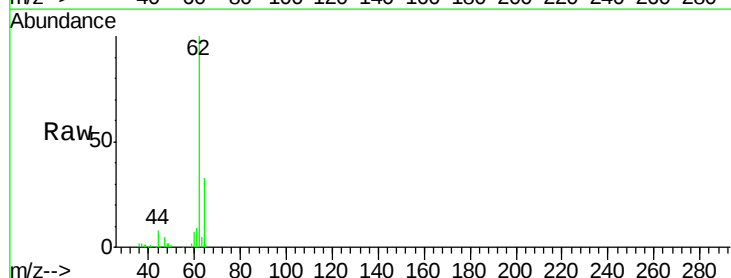
Acq: 27 Jun 2018 11:42

Tgt Ion: 62 Resp: 44435

Ion Ratio Lower Upper

62 100

64 33.0 24.8 37.2

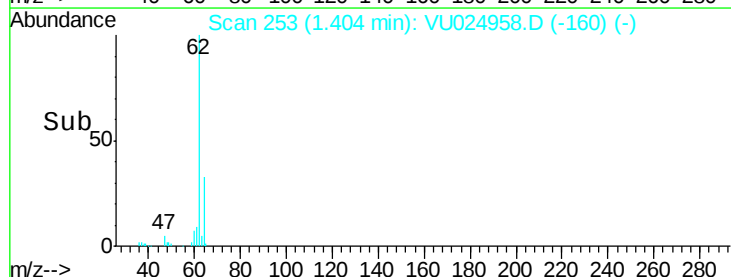


Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

Time-->



Abundance

Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

Time-->



#5

Bromomethane

Concen: 25.01 ug/l

RT: 1.63 min Scan# 322

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

Tot Ion: 94 Resp: 29984

Ion Ratio Lower Upper

94 100

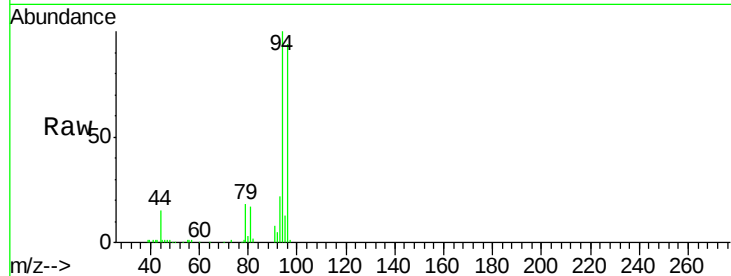
96 94.4 74.5 111.7

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

1.63

25000

20000

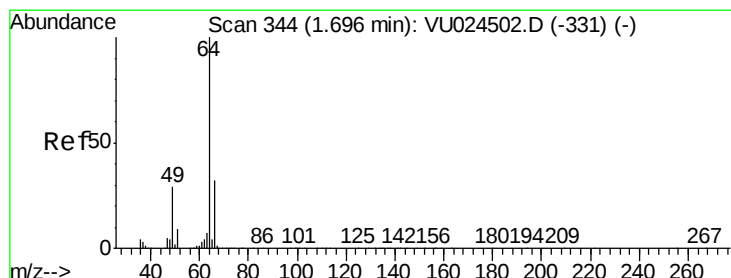
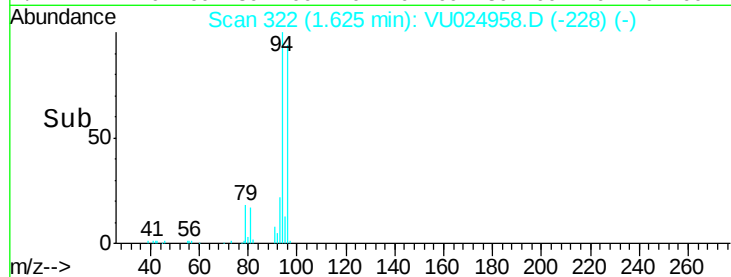
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 21.79 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU024958.D

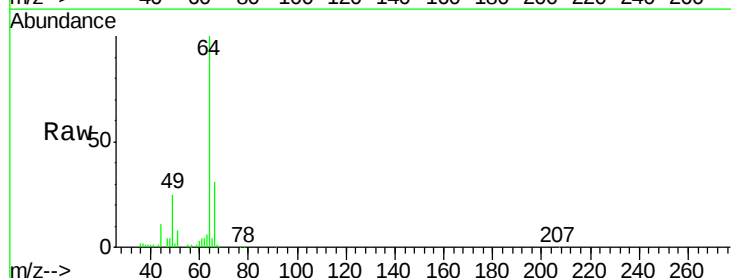
Acq: 27 Jun 2018 11:42

Tgt Ion: 64 Resp: 31025

Ion Ratio Lower Upper

64 100

66 30.7 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

25000

20000

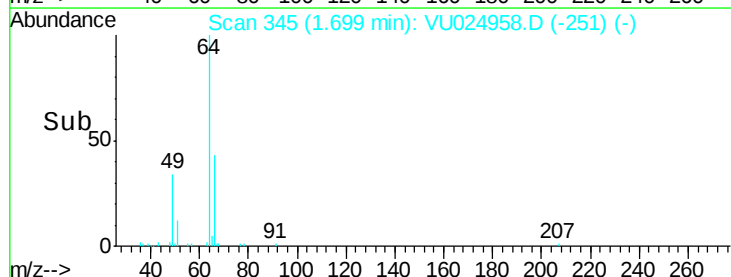
15000

10000

5000

0

Time-->





#7

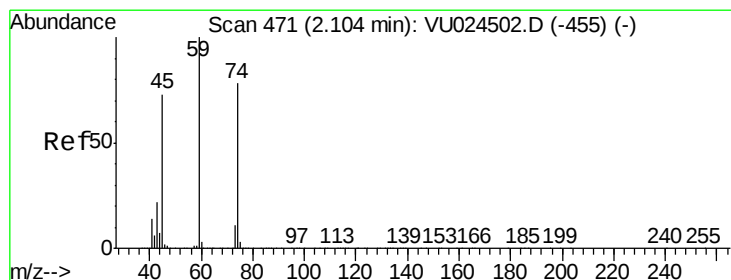
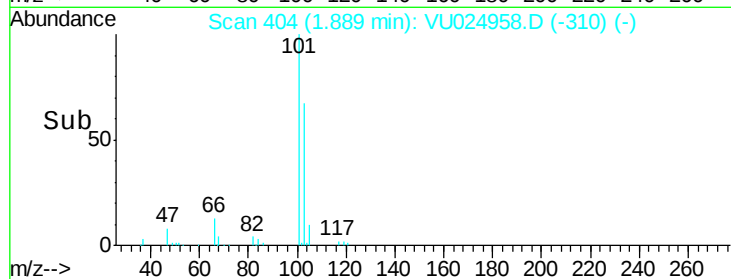
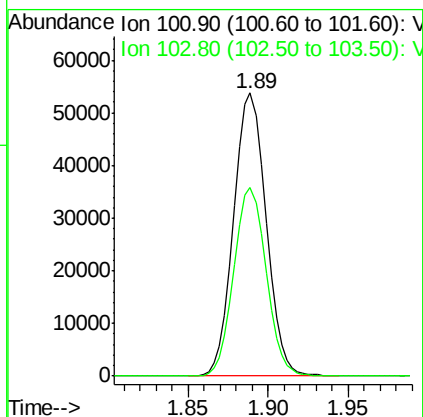
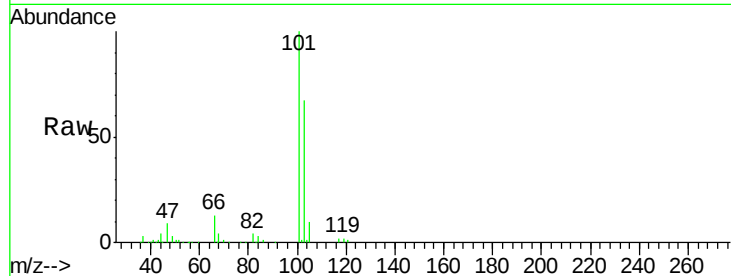
Trichlorofluoromethane
Concen: 19.63 ug/l
RT: 1.89 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
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VU0627WBS02

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	66.5	52.3	78.5	

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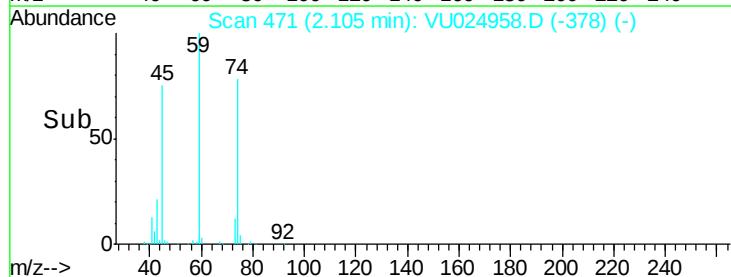
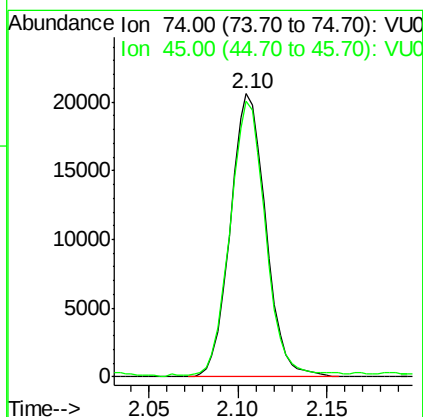
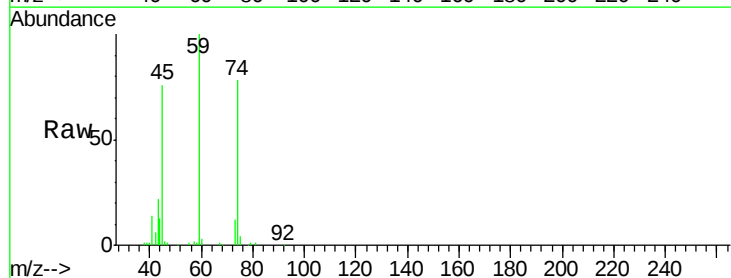
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#8

Diethyl Ether
Concen: 20.96 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	95.4	55.0	165.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.24 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

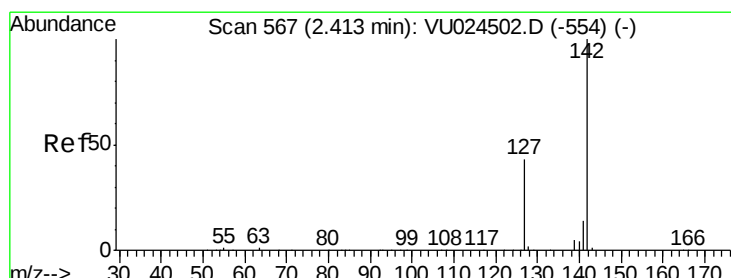
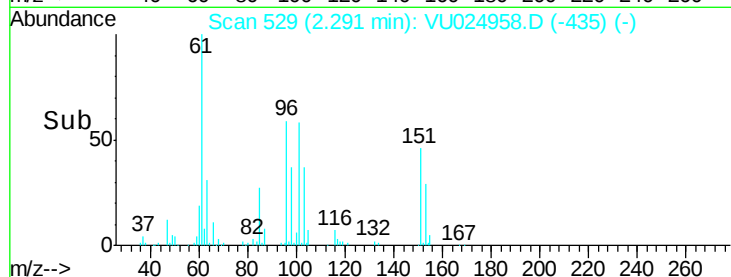
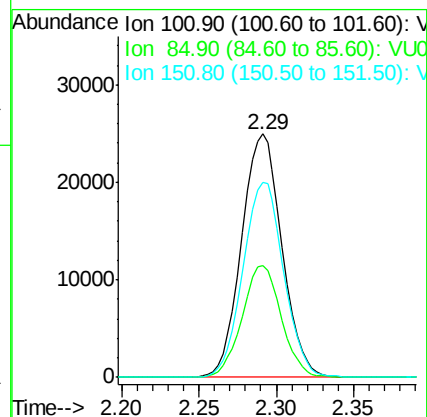
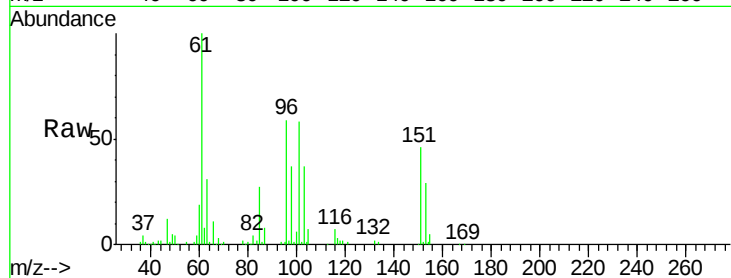
ClientSampleId :

VU0627WBS02

Tot Ion:	101	Resp:	45190
Ion Ratio	Lower	Upper	
101	100		
85	44.7	36.0	54.0
151	81.1	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 24.00 ug/l

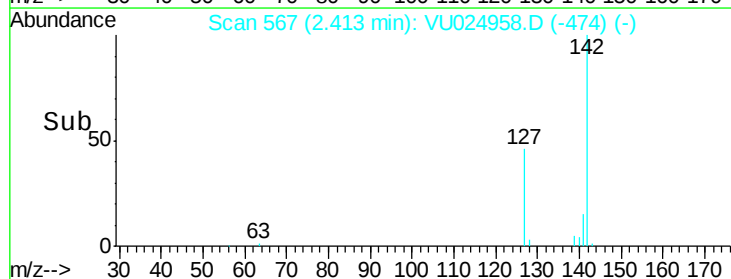
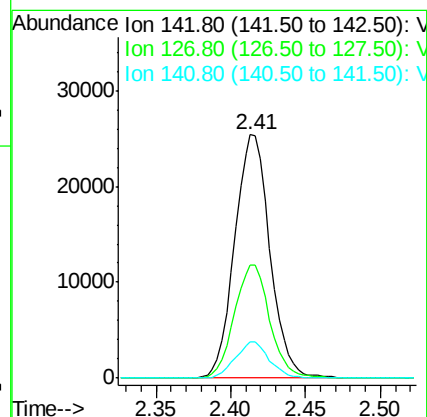
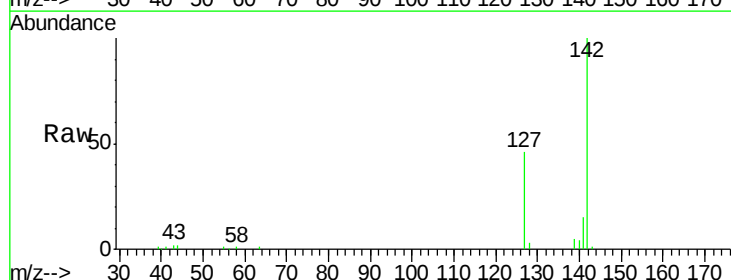
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Tgt Ion:	142	Resp:	41580
Ion Ratio	Lower	Upper	
142	100		
127	46.5	35.6	53.4
141	14.3	11.7	17.5





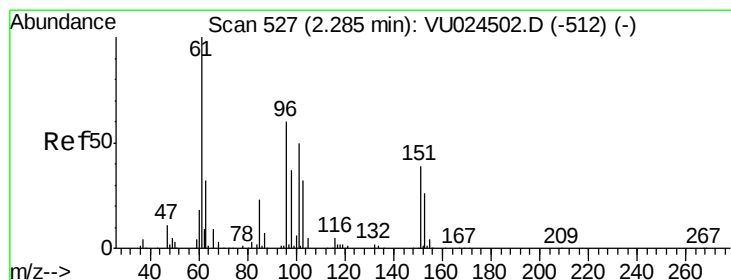
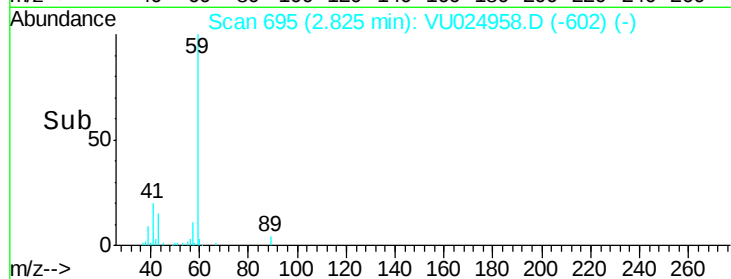
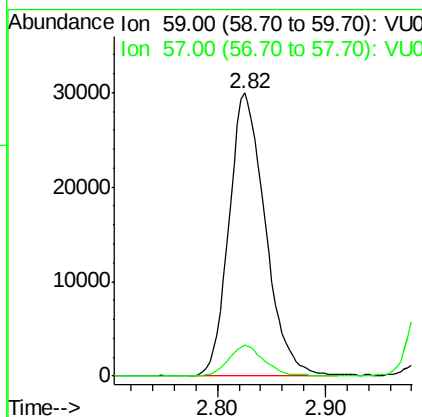
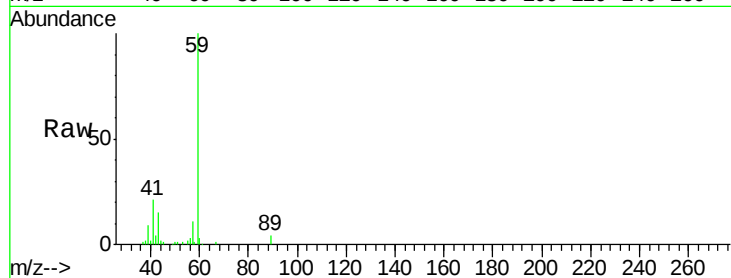
#11
Tert butyl alcohol
Concen: 94.00 ug/l
RT: 2.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.5	12.7

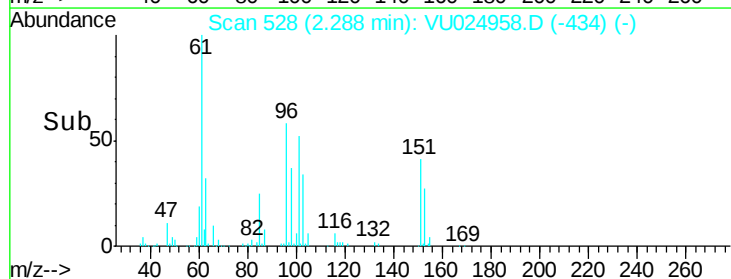
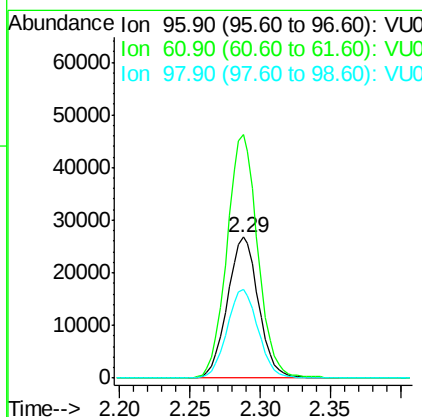
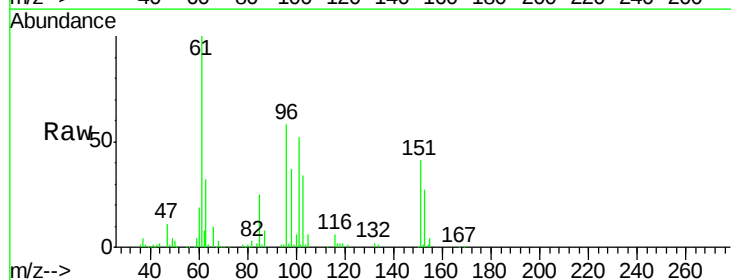
Manual Integrations
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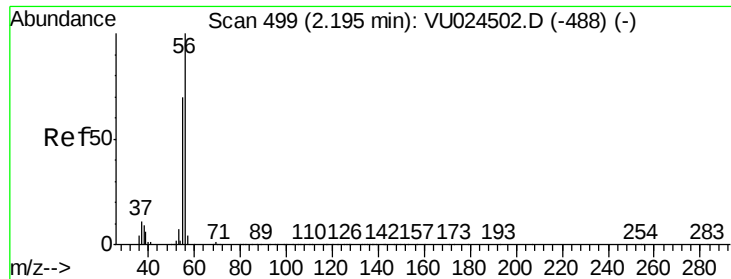
MMDadoda
6/28/2018 4:37:01 PM



#12
1,1-Dichloroethene
Concen: 19.32 ug/l
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.7	141.7	212.5
98	63.3	51.6	77.4





#13

Acrolein

Concen: 53.26 ug/l

RT: 2.20 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

Tot Ion: 56 Resp: 20888

Ion Ratio Lower Upper

56 100

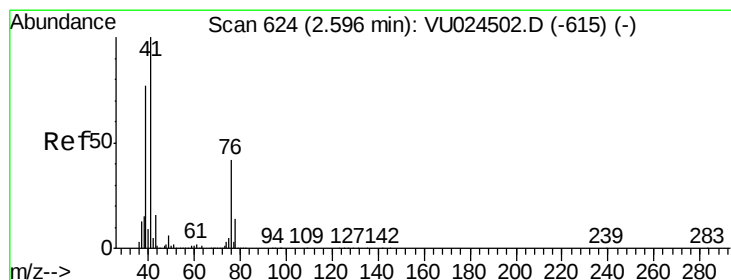
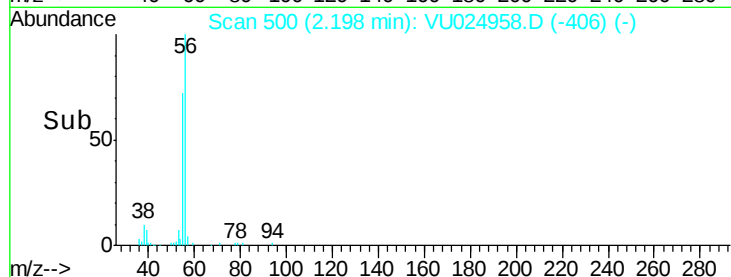
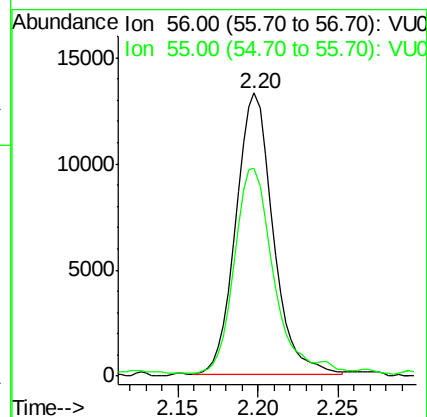
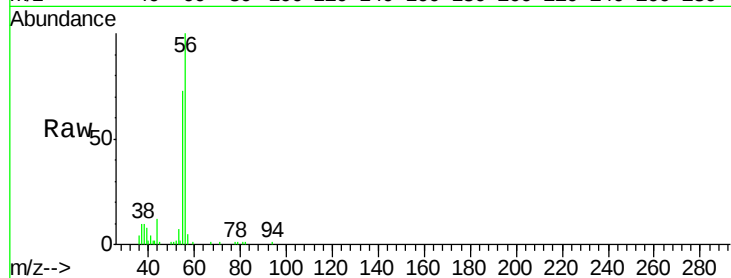
55 75.2 58.4 87.6

Manual Integrations

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#14

Allyl chloride

Concen: 20.17 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

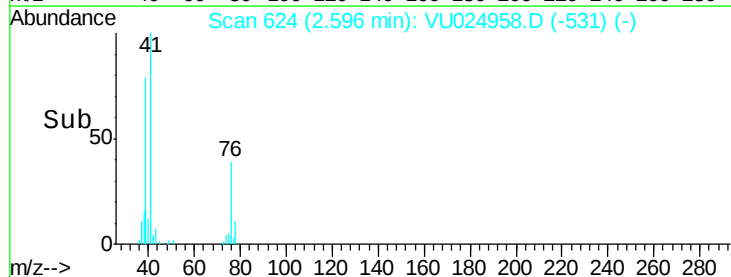
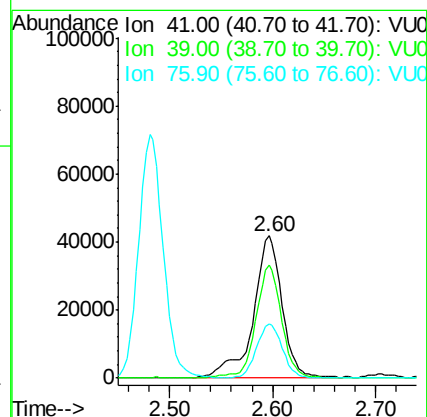
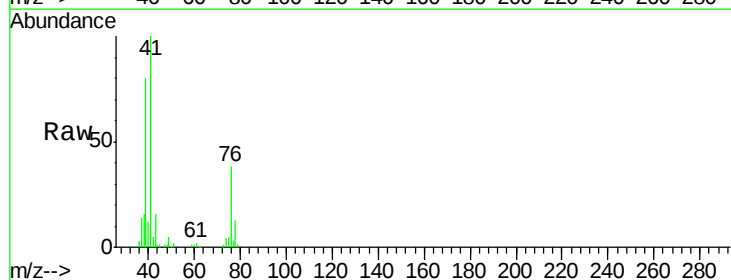
Tgt Ion: 41 Resp: 80204

Ion Ratio Lower Upper

41 100

39 71.7 61.6 92.4

76 34.5 29.7 44.5





#15

Acrylonitrile

Concen: 96.07 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

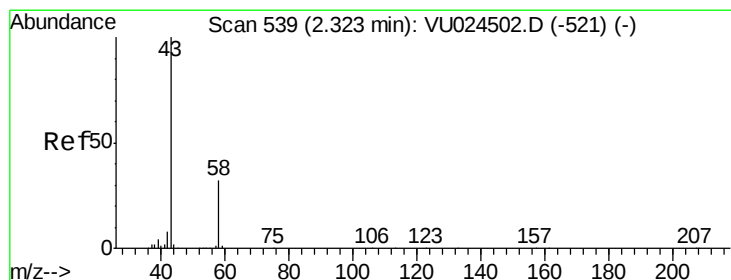
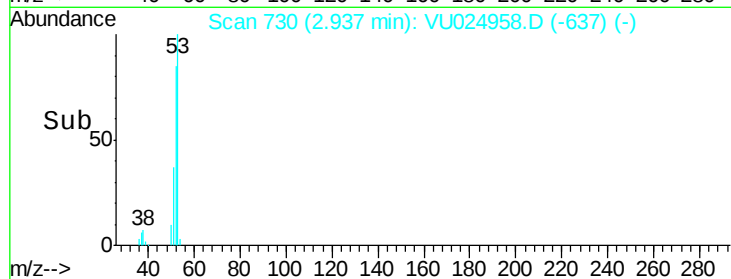
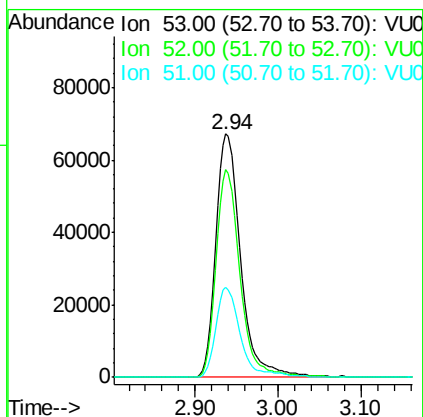
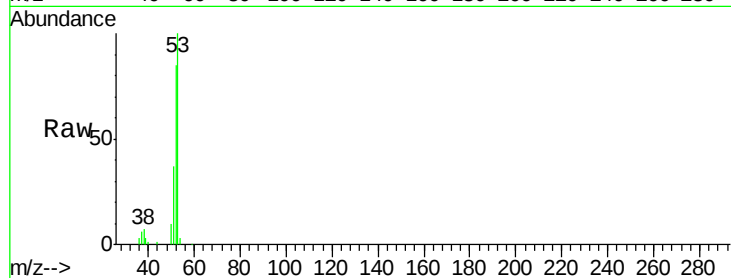
ClientSampleId :

VU0627WBS02

Tot Ion:	53	Resp:	139590
Ion	Ratio	Lower	Upper
53	100		
52	81.7	67.1	100.7
51	36.3	28.4	42.6

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#16

Acetone

Concen: 99.94 ug/l

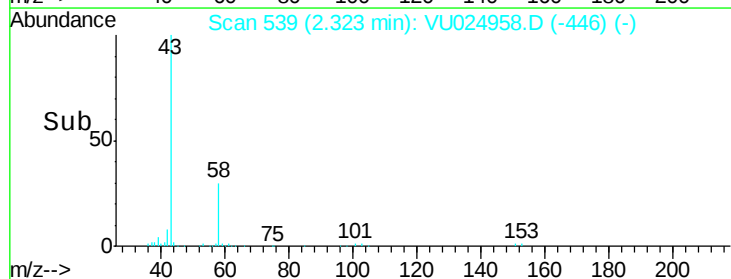
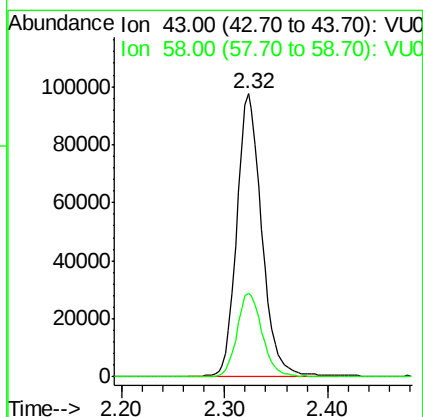
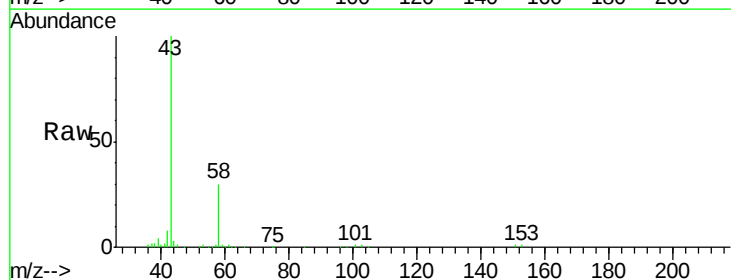
RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Tgt Ion:	43	Resp:	164881
Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.4	36.6





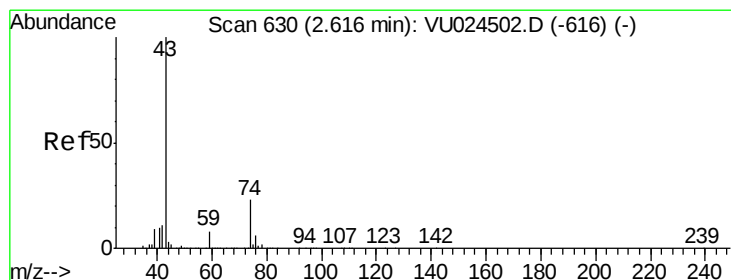
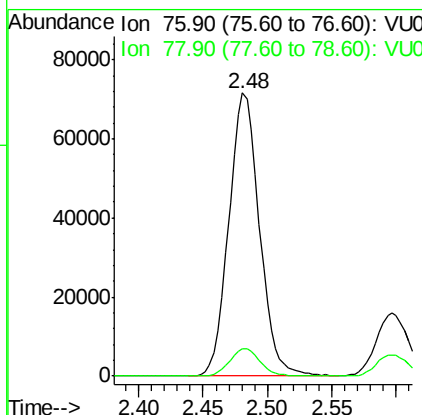
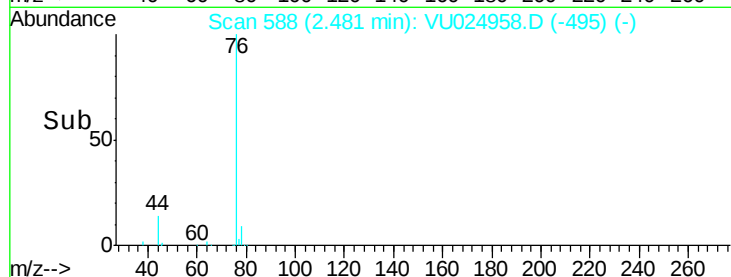
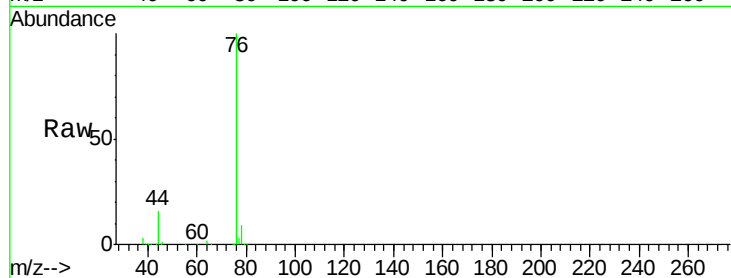
#17
Carbon Disulfide
Concen: 17.26 ug/l
RT: 2.48 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7

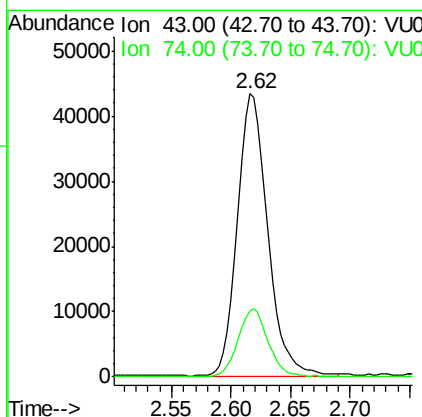
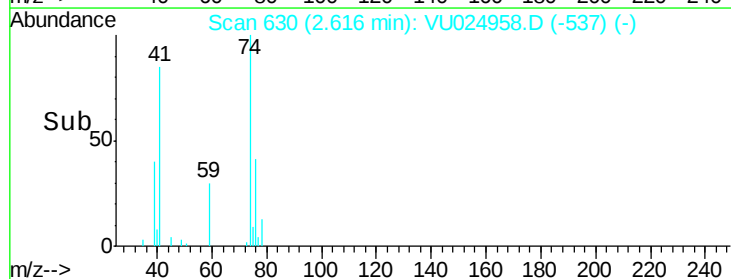
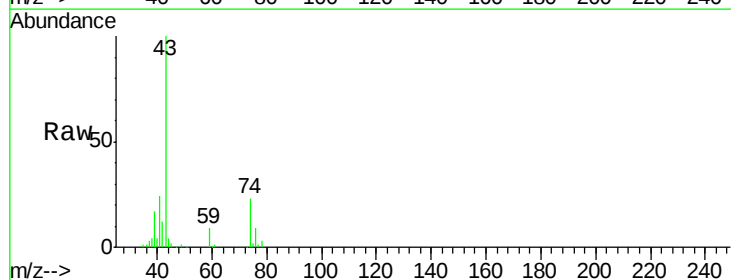
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#18
Methyl Acetate
Concen: 21.64 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.0	27.0





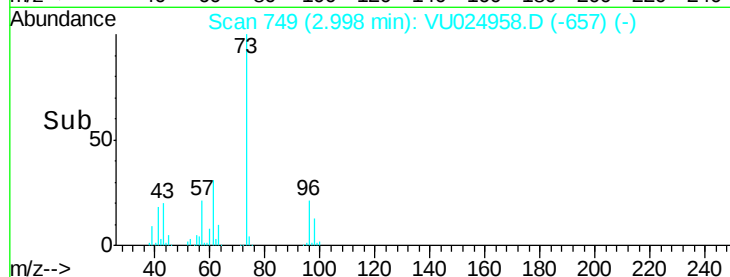
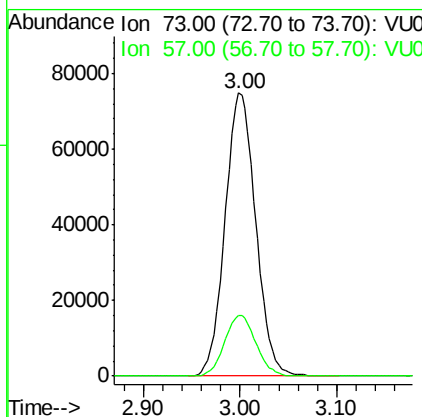
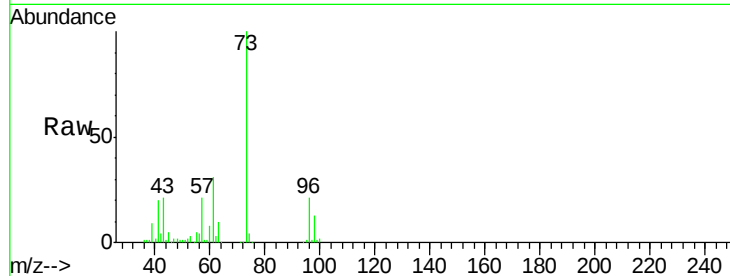
#19
Methvl tert-butvl Ether
Concen: 20.45 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	18.8	28.2

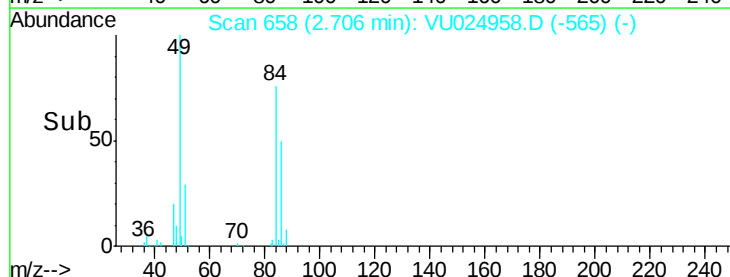
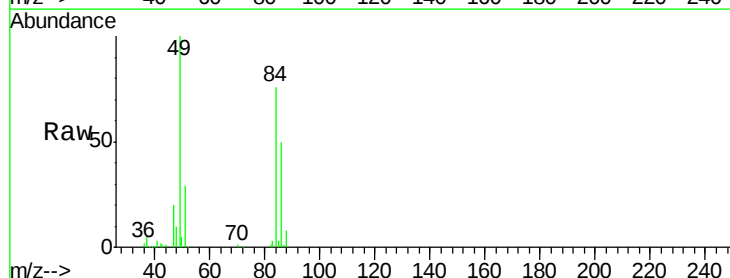
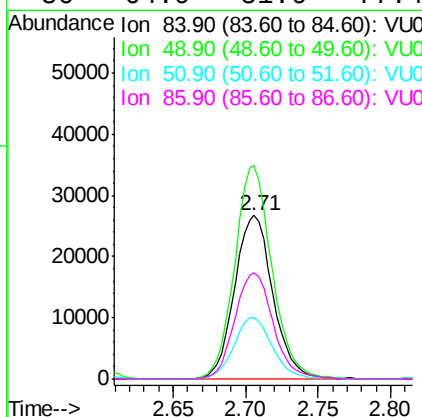
Manual Integrations
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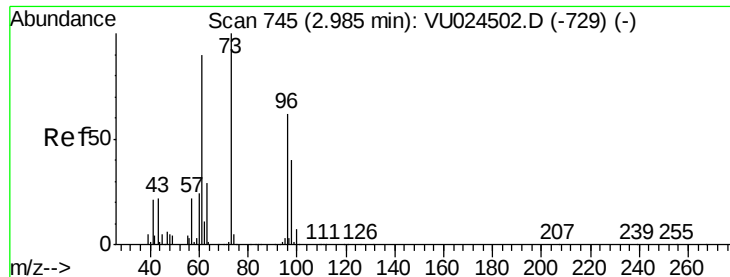
MMDadoda
6/28/2018 4:37:01 PM



#20
Methylene Chloride
Concen: 18.87 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.8	103.8	155.8
51	37.8	32.0	48.0
86	64.9	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 18.87 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

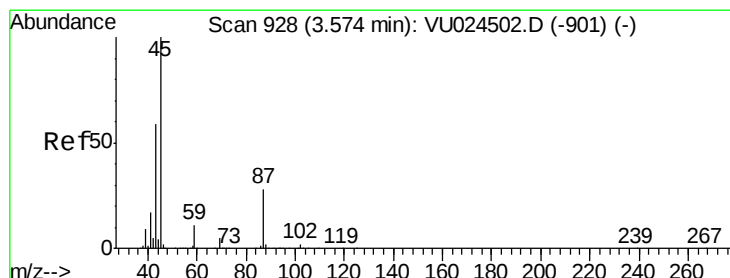
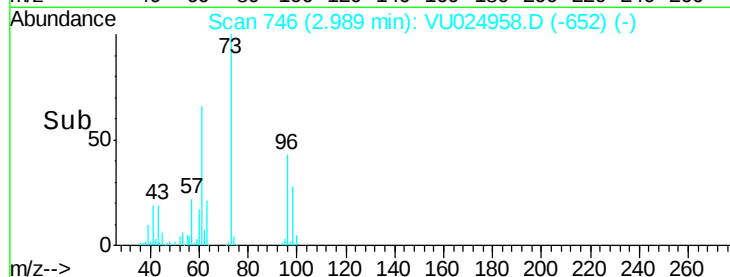
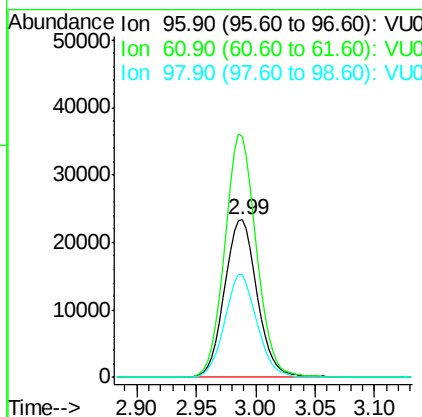
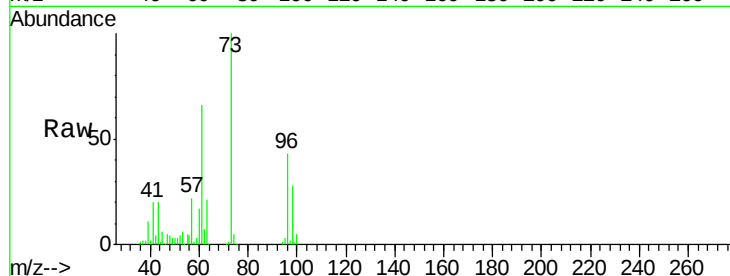
ClientSampleId :

VU0627WBS02

Tot Ion:	96	Resp:	44515
Ion	Ratio	Lower	Upper
96	100		
61	153.1	119.4	179.0
98	65.1	51.1	76.7

Manual Integrations
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6/28/2018 4:37:01 PM



#22

Diisopropyl ether

Concen: 19.58 ug/l

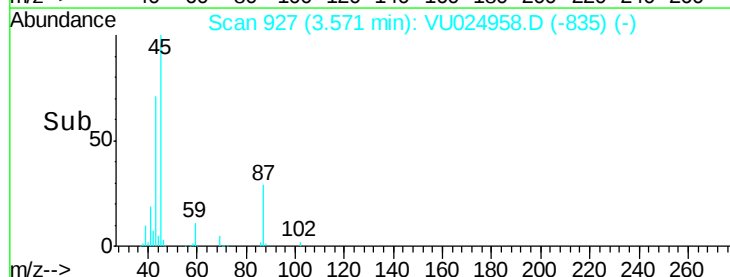
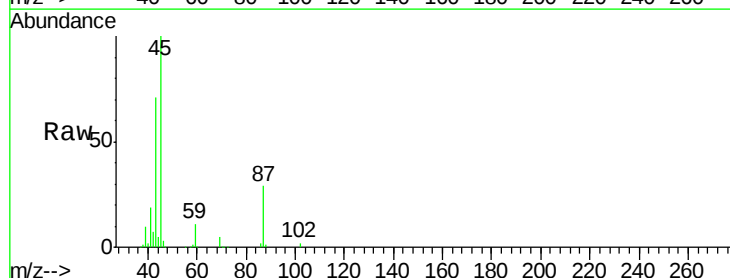
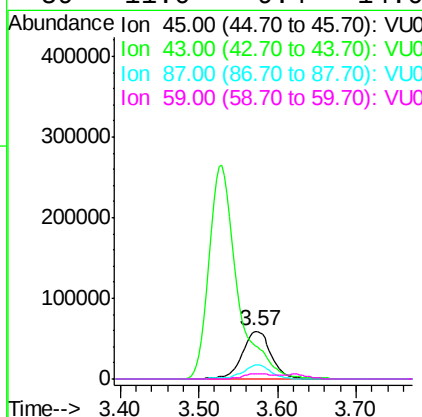
RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Tgt Ion:	45	Resp:	154354
Ion	Ratio	Lower	Upper
45	100		
43	70.2	45.8	68.6#
87	28.6	20.6	31.0
59	11.0	9.4	14.0





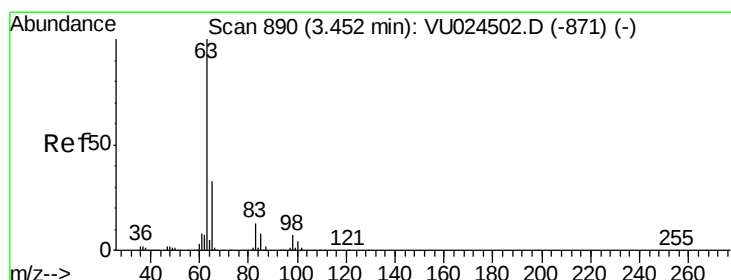
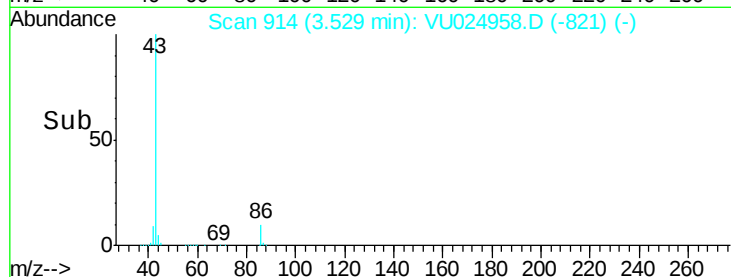
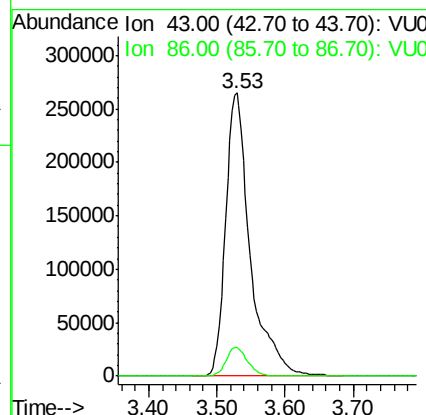
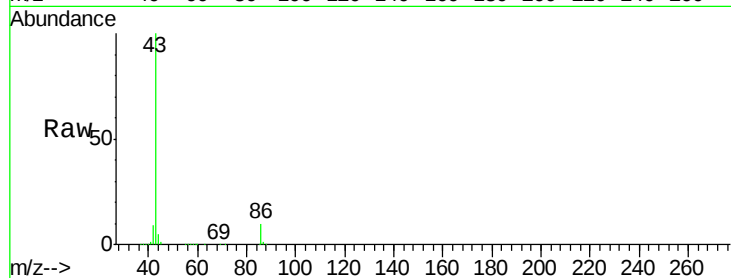
#23
 Vinyl Acetate
 Concen: 93.94 ug/l
 RT: 3.53 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tot Ion	43	Resp	663355
Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.8	11.8

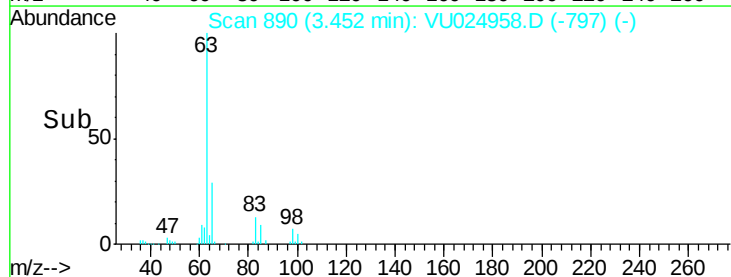
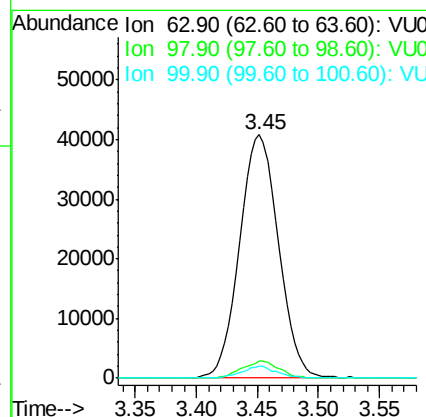
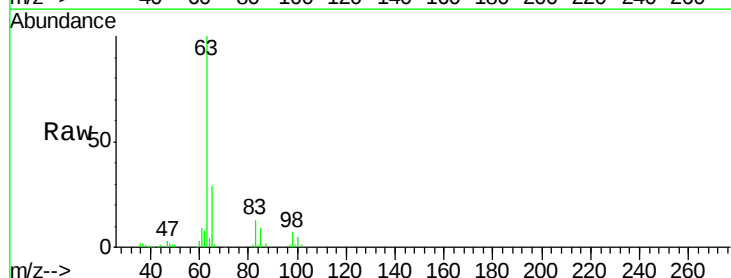
Manual Integrations
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 6/28/2018 4:37:01 PM



#24
 1,1-Dichloroethane
 Concen: 19.88 ug/l
 RT: 3.45 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion	63	Resp	90128
Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.5	10.4
100	5.0	1.8	5.5





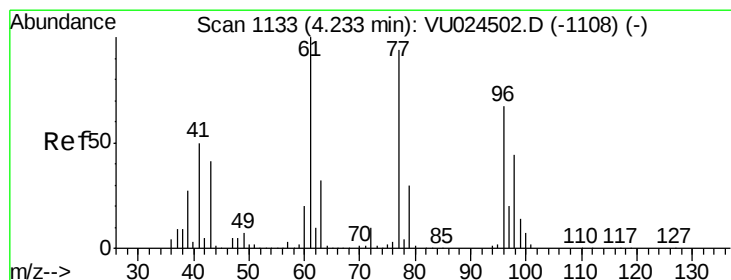
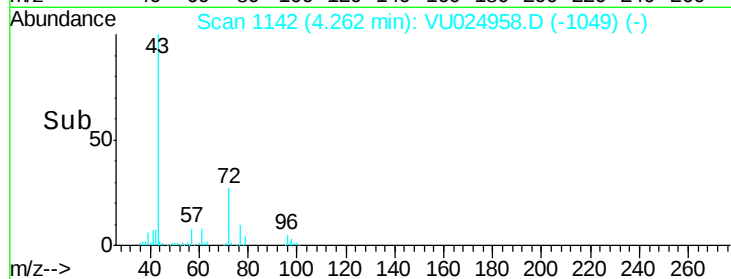
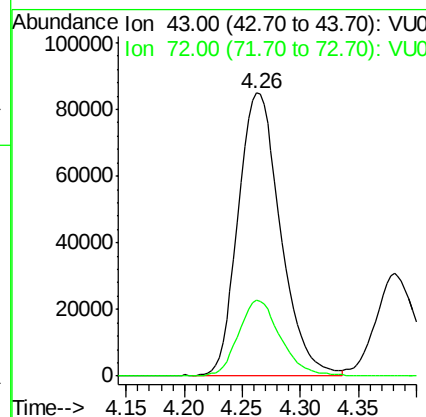
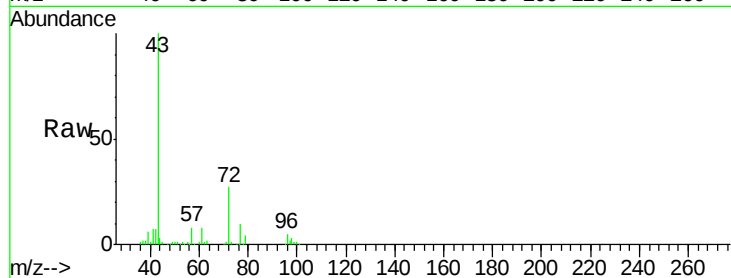
#25
2-Butanone
Concen: 96.77 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tot Ion	43	Resp	214447
Ion Ratio	100	Lower	Upper
72	27.0	19.6	29.4

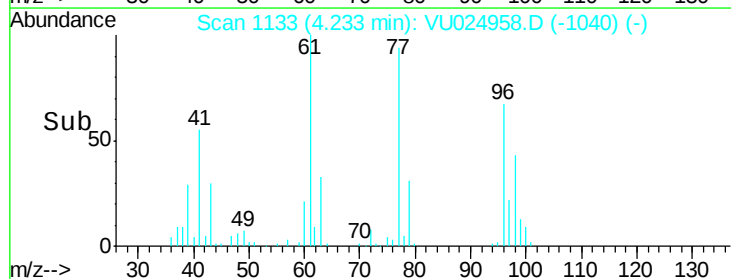
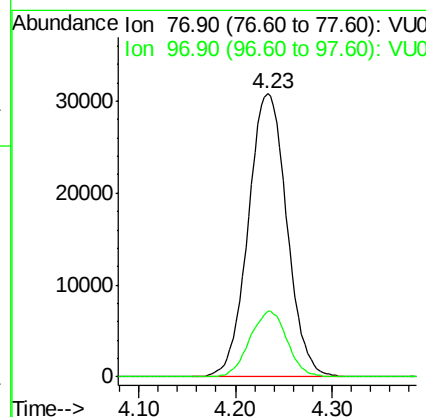
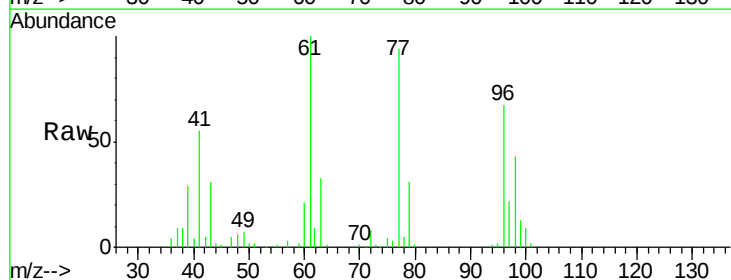
Manual Integrations
APPROVED

MMDadoda
6/28/2018 4:37:01 PM



#26
2,2-Dichloropropane
Concen: 19.84 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion	77	Resp	85431
Ion Ratio	100	Lower	Upper
97	22.5	11.3	33.8





#27

cis-1,2-Dichloroethene

Concen: 19.90 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

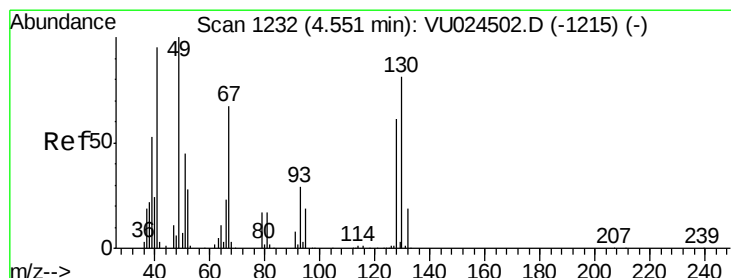
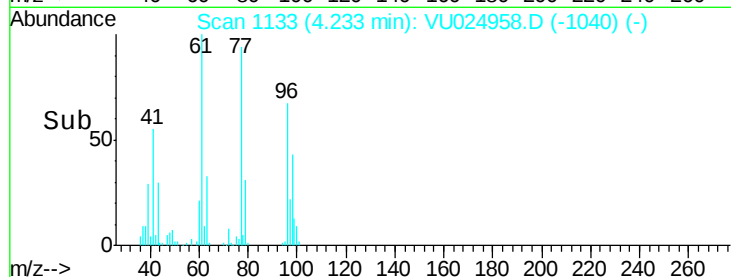
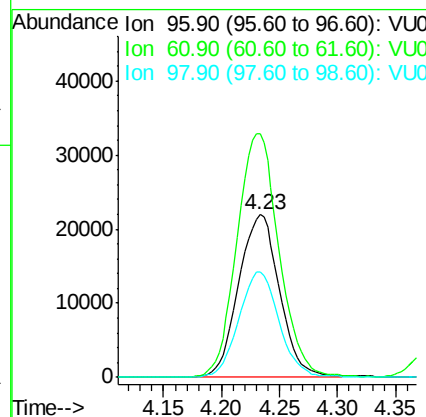
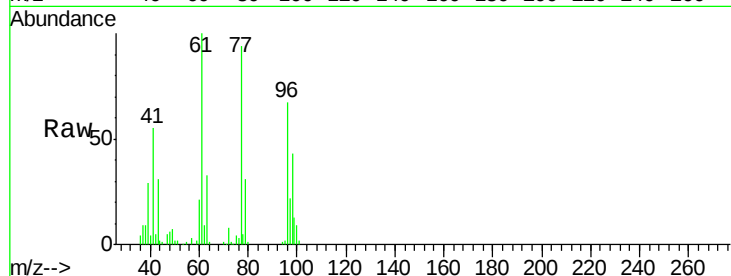
ClientSampleId :

VU0627WBS02

Tot Ion:	96	Resp:	53956
Ion	Ratio	Lower	Upper
96	100		
61	153.6	0.0	306.6
98	63.6	0.0	128.8

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#28

Bromochloromethane

Concen: 19.39 ug/l

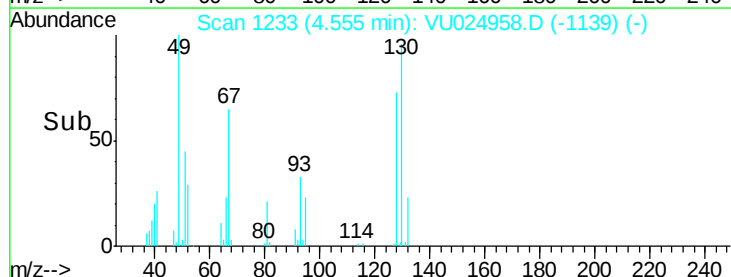
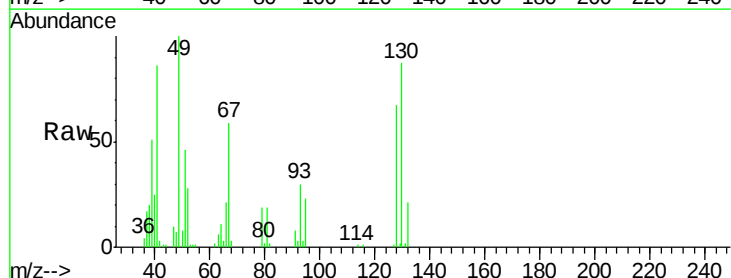
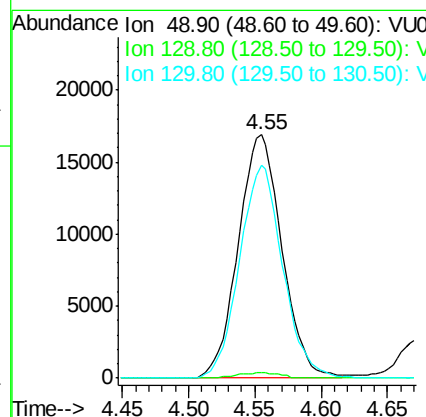
RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Tgt Ion:	49	Resp:	38733
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	86.3	57.8	86.6





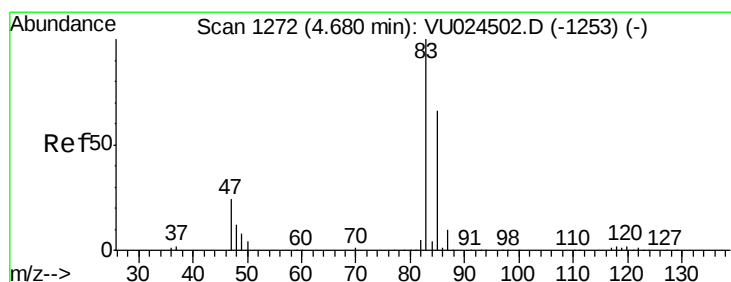
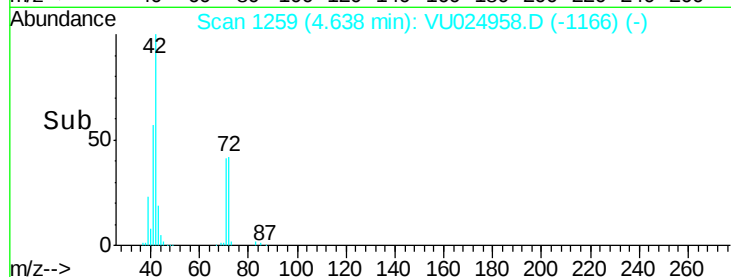
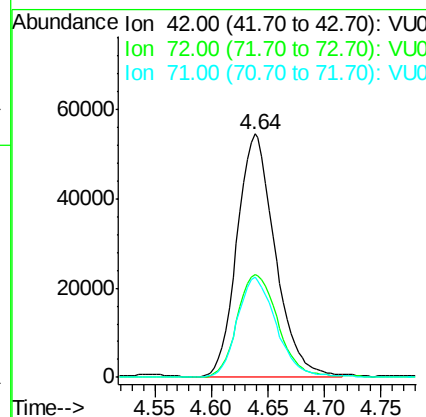
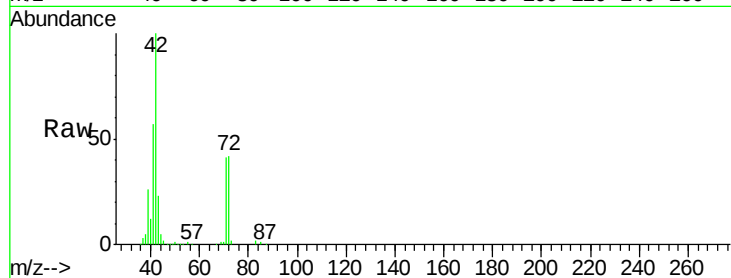
#29
Tetrahydrofuran
Concen: 92.58 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

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

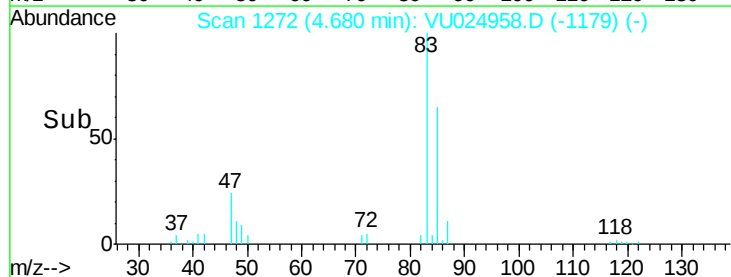
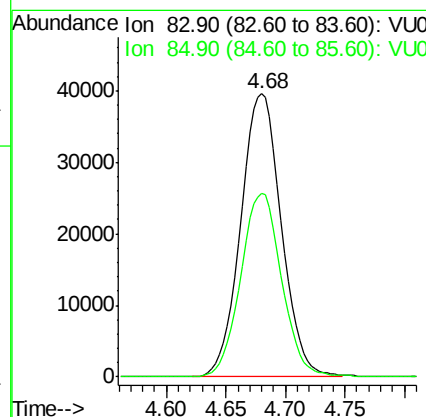
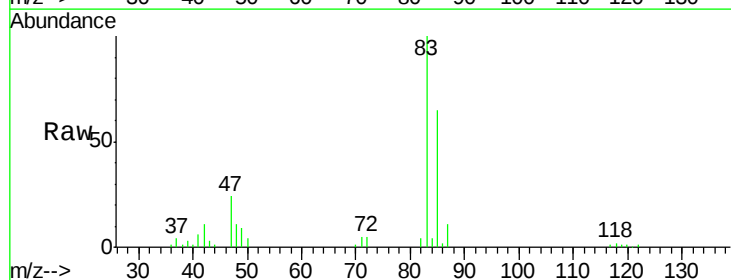
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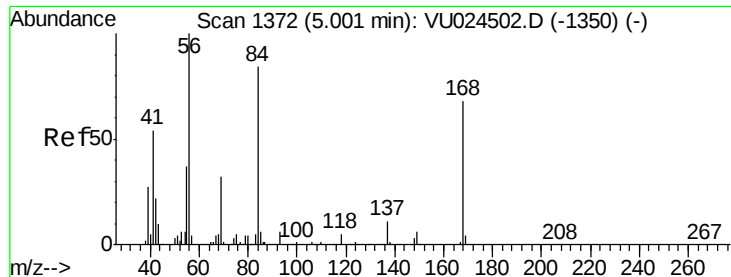
MMDadoda
6/28/2018 4:37:01 PM



#30
Chloroform
Concen: 20.40 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.4	78.6





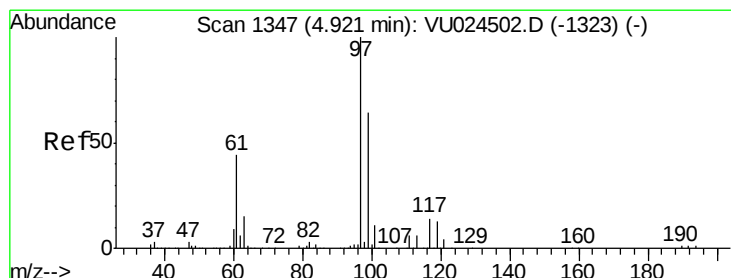
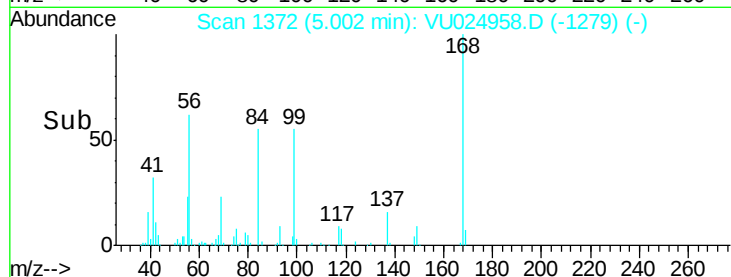
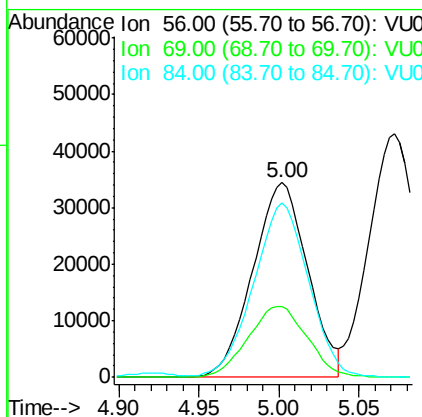
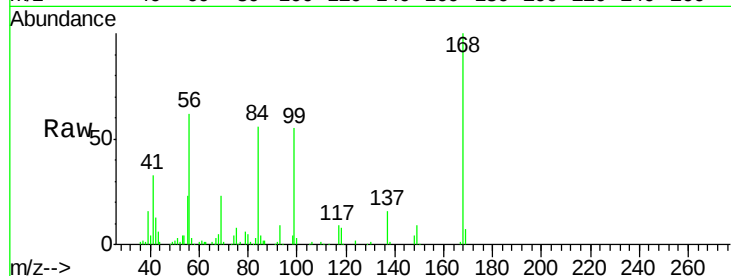
#31
Cyclohexane
Concen: 19.05 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.4	24.8	37.2
84	89.0	65.2	97.8

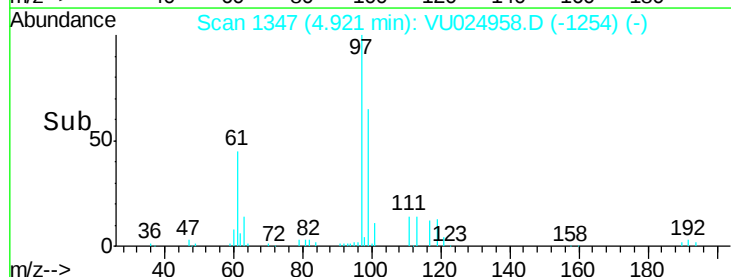
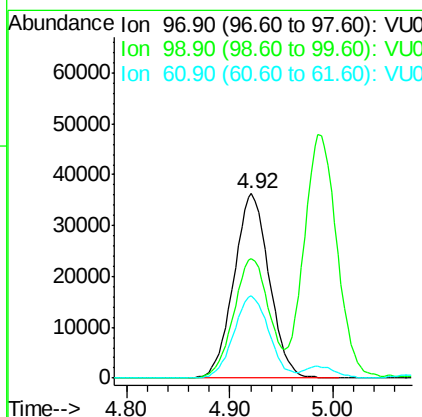
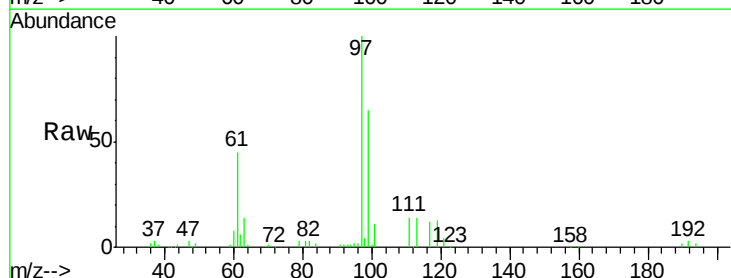
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#32
1,1,1-Trichloroethane
Concen: 20.39 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.0	76.6
61	44.7	39.4	59.0





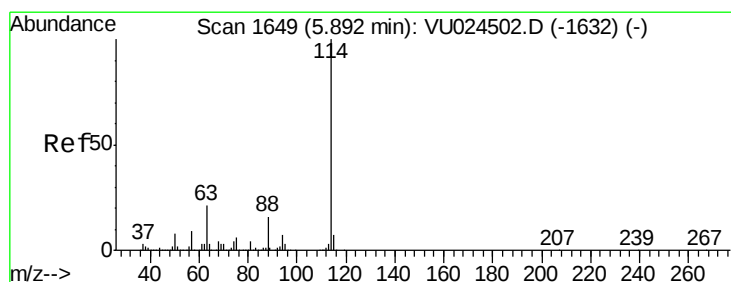
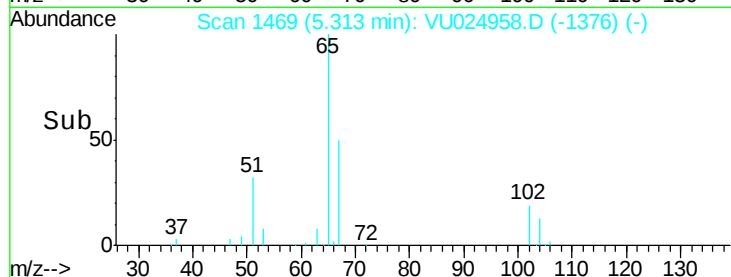
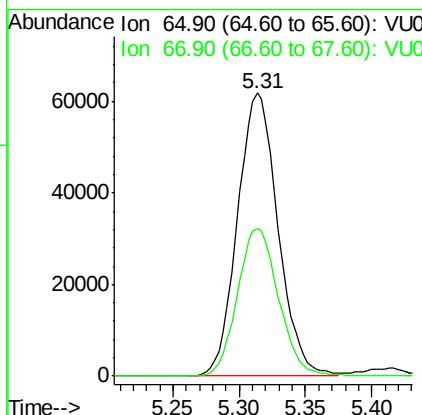
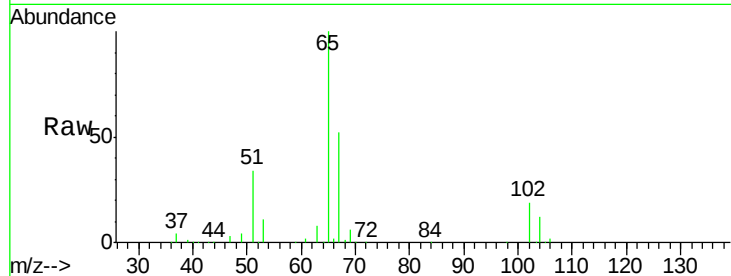
#33
 1,2-Dichloroethane-d4
 Concen: 42.70 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	131115		
67	53.0	0.0	107.0	

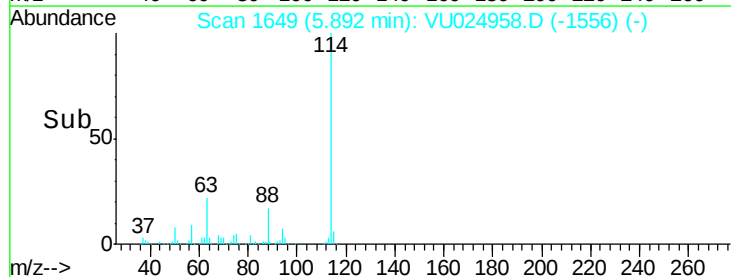
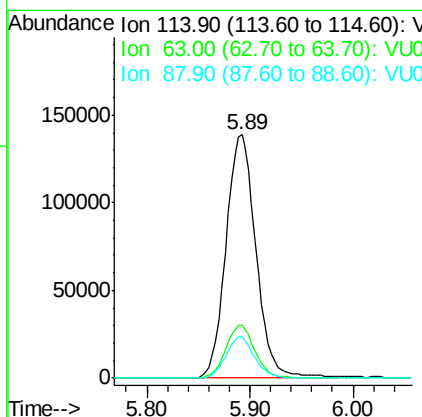
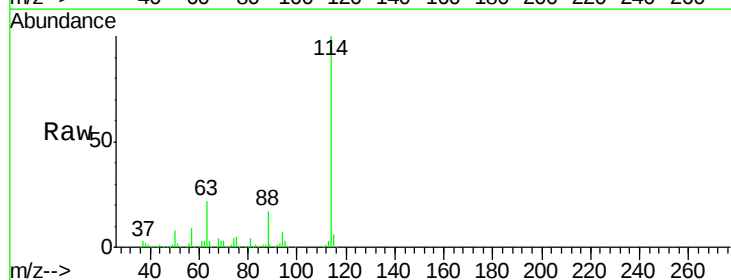
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	281638		
63	21.5	0.0	45.4	
88	16.8	0.0	31.0	





#35

Dibromofluoromethane

Concen: 45.66 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

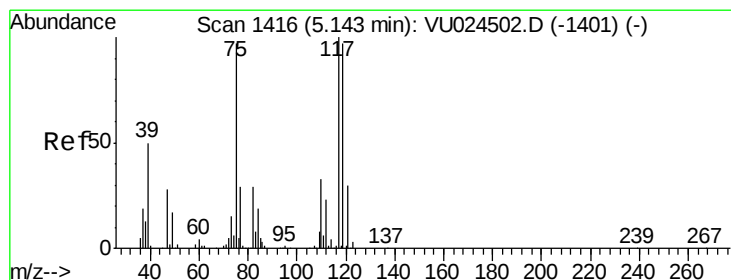
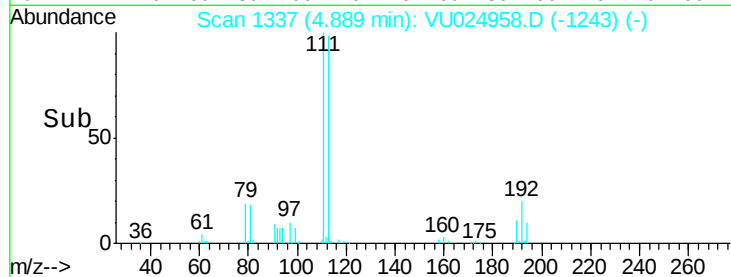
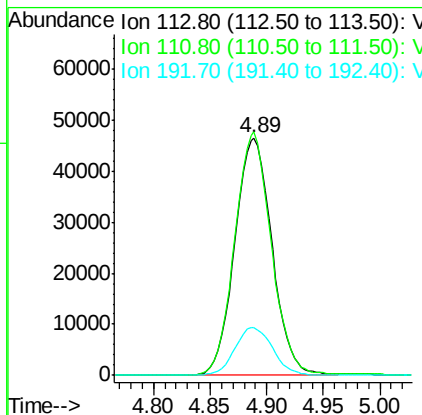
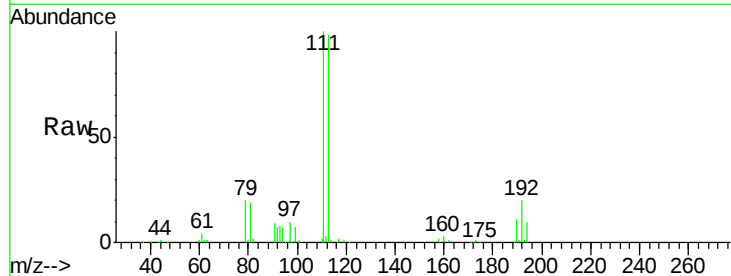
ClientSampleId :

VU0627WBS02

Tot Ion:	113	Resp:	106732
Ion Ratio	Lower	Upper	
113	100		
111	100.8	82.2	123.4
192	20.5	16.2	24.4

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#36

1,1-Dichloropropene

Concen: 20.03 ug/l

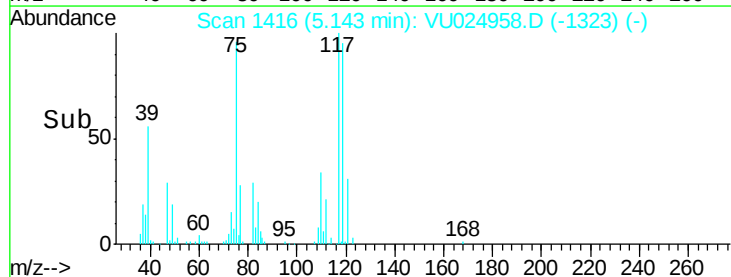
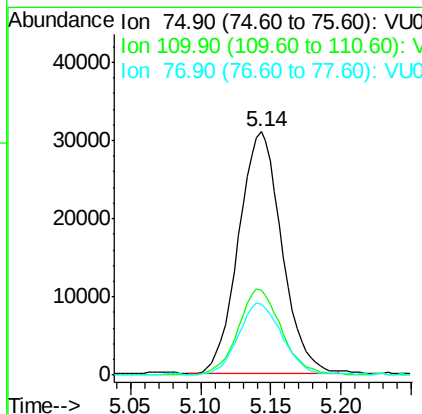
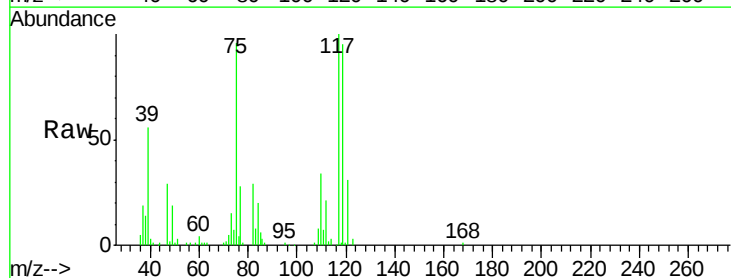
RT: 5.14 min Scan# 1416

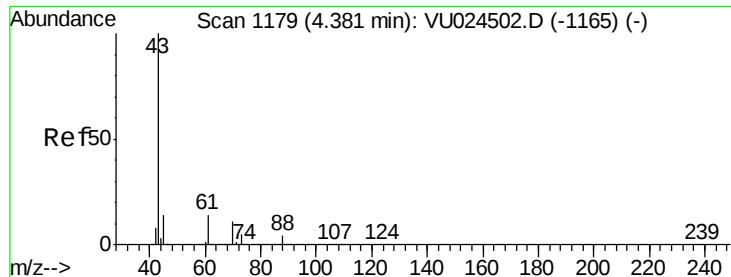
Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Tgt Ion:	75	Resp:	66295
Ion Ratio	Lower	Upper	
75	100		
110	35.8	17.0	50.9
77	29.3	24.2	36.4





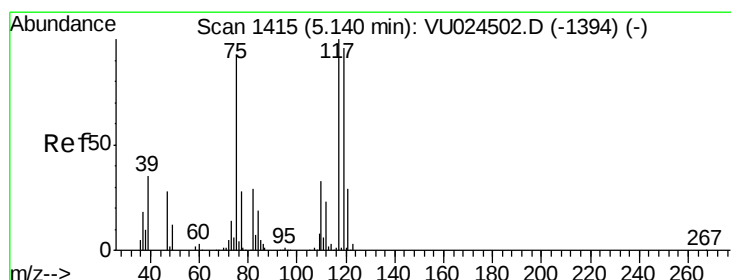
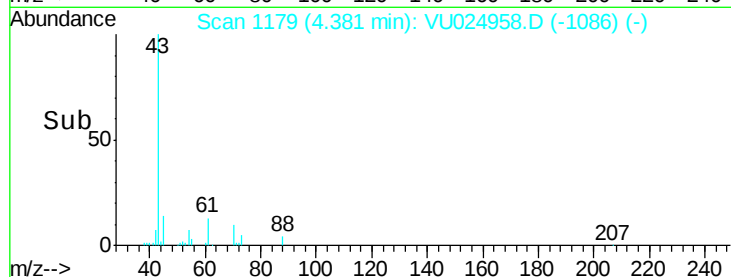
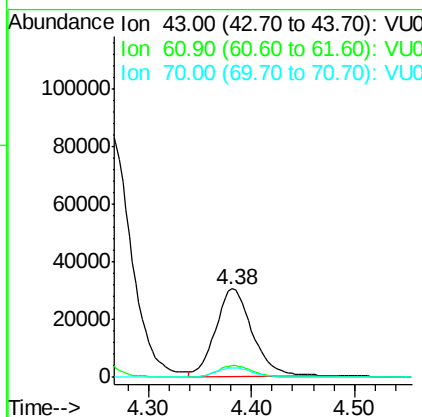
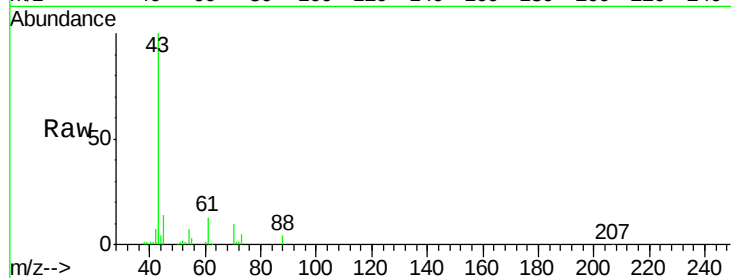
#37
Ethyl Acetate
Concen: 20.93 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.5	15.7
70	10.8	7.4	11.2

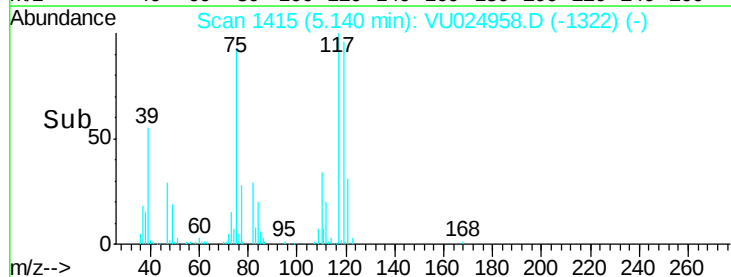
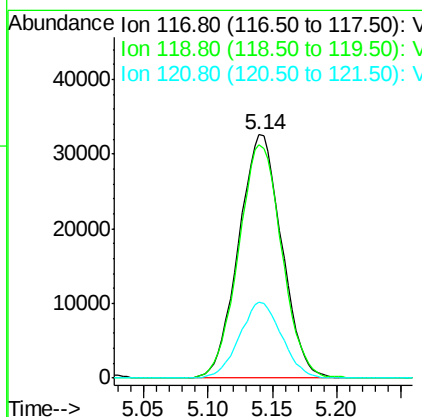
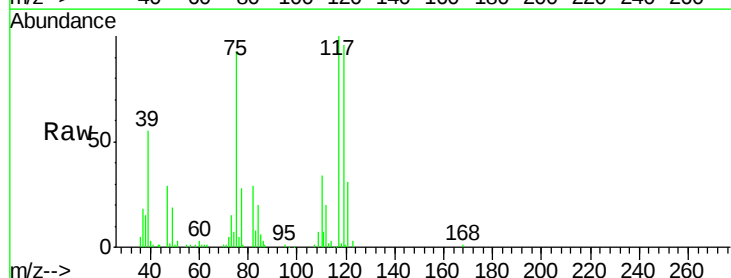
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#38
Carbon Tetrachloride
Concen: 20.79 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.1	114.1
121	31.3	23.7	35.5





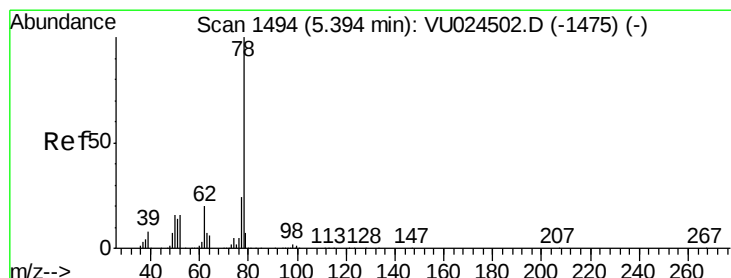
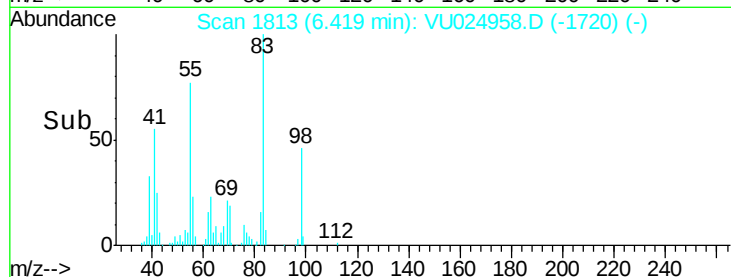
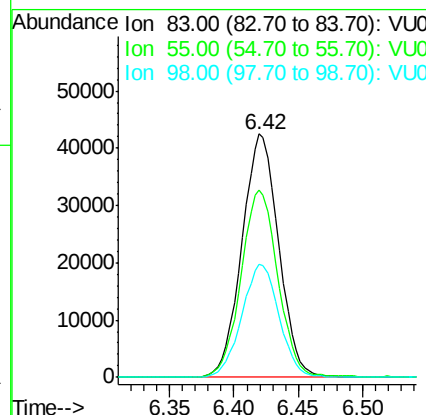
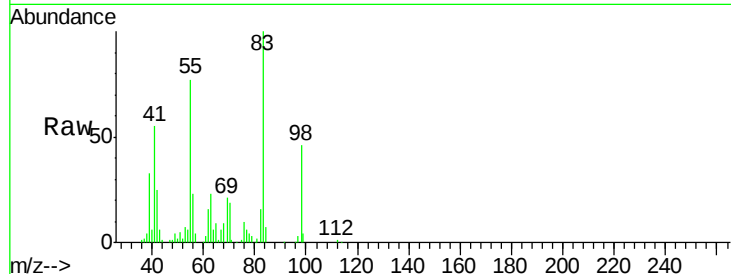
#39
Methylvlcvclohexane
Concen: 20.39 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	65.8	98.6
98	46.3	36.7	55.1

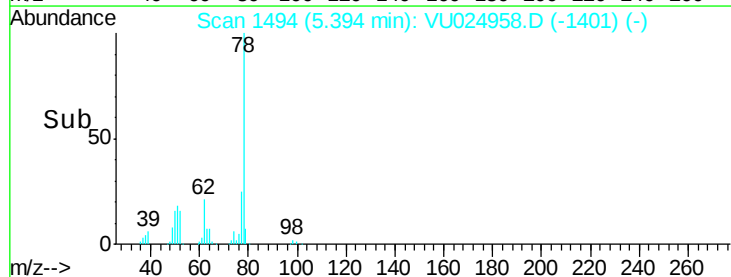
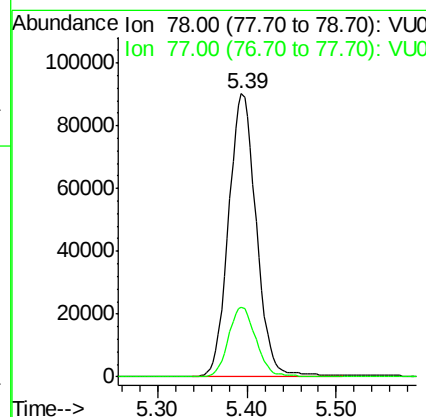
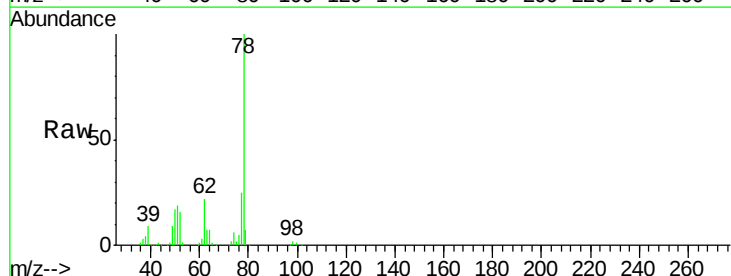
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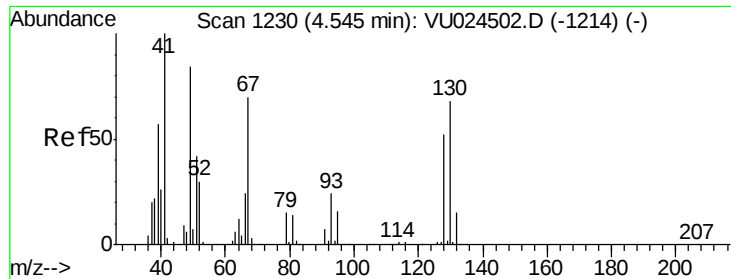
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#40
Benzene
Concen: 20.71 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.2	28.8





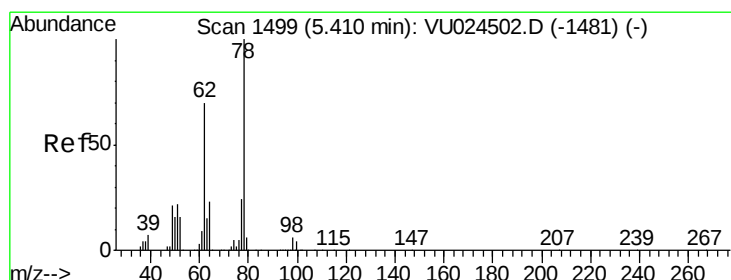
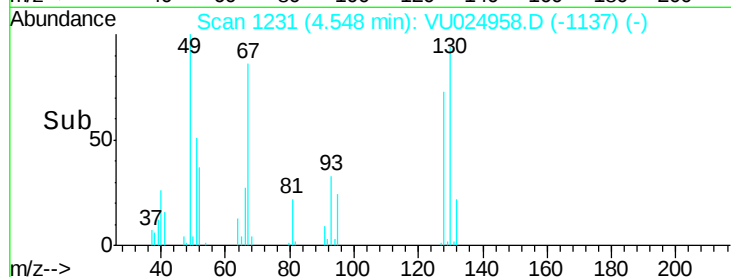
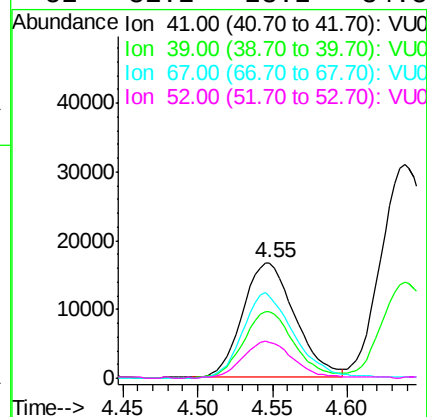
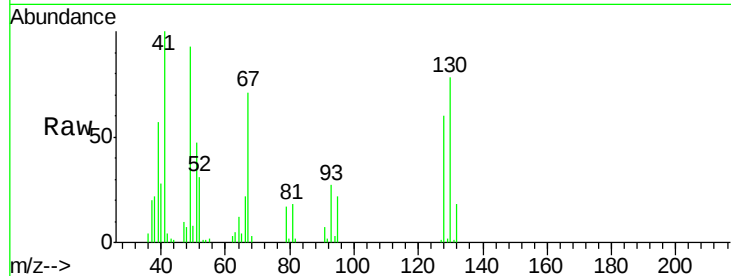
#41
Methacrylonitrile
Concen: 20.97 ug/l
RT: 4.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.8	43.8	65.6	
67	72.8	56.3	84.5	
52	31.2	23.2	34.8	

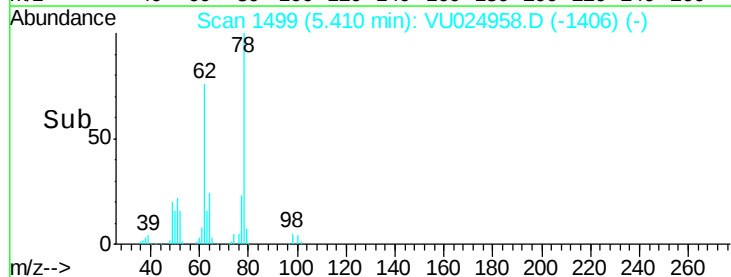
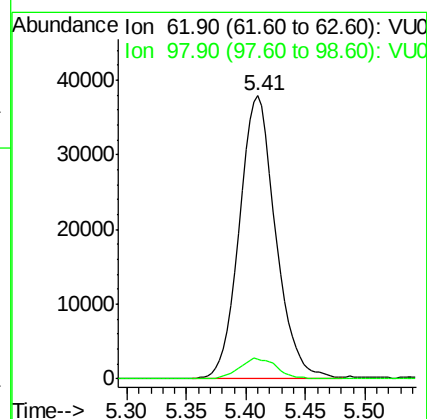
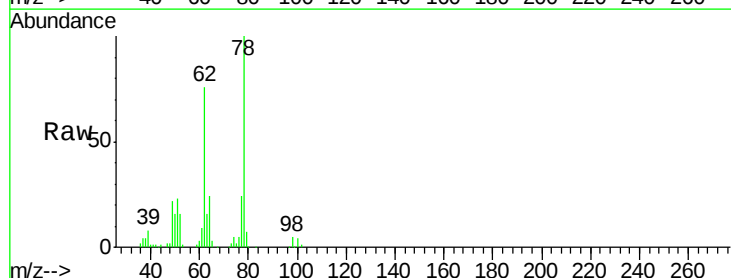
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#42
1,2-Dichloroethane
Concen: 22.33 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.5	0.0	16.6	





#43

Isopropyl Acetate

Concen: 19.29 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

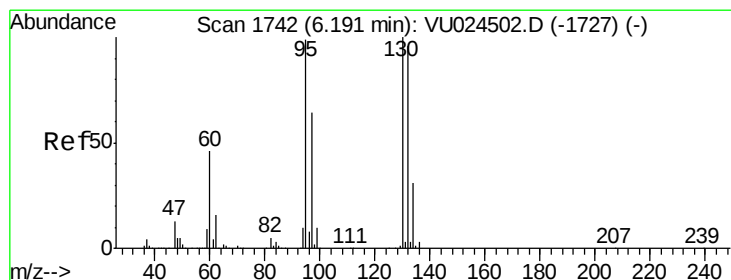
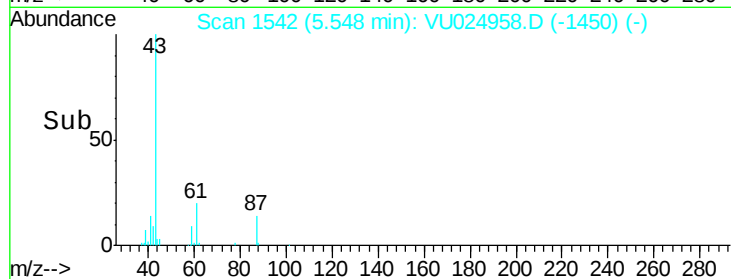
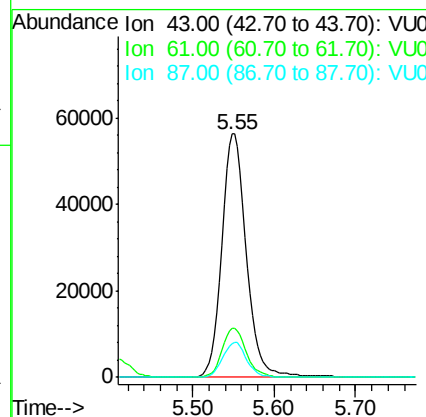
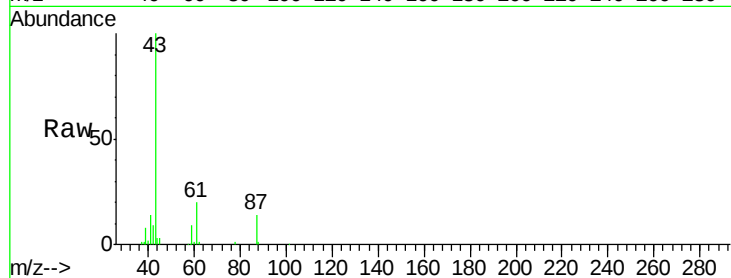
ClientSampleId :

VU0627WBS02

Tot Ion:	43	Resp:	120288
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.4	23.0
87	13.9	10.0	15.0

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#44

Trichloroethene

Concen: 19.90 ug/l

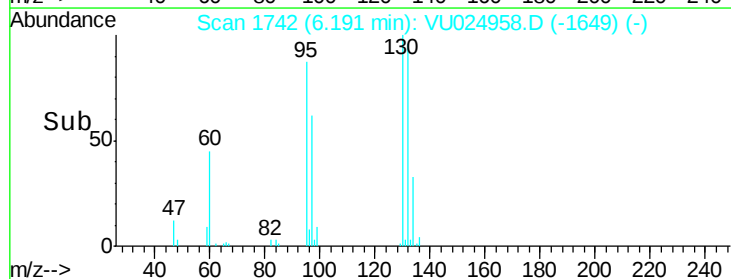
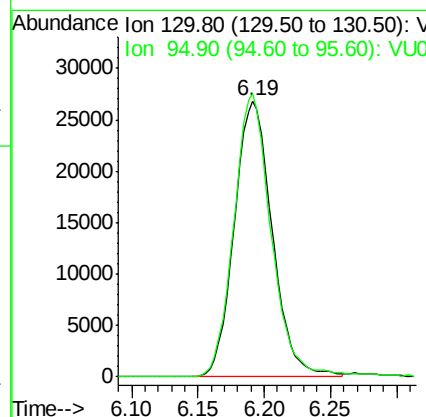
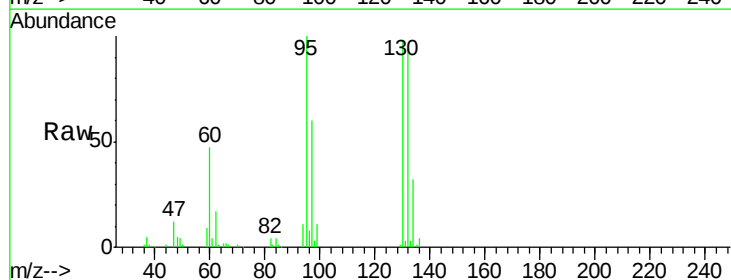
RT: 6.19 min Scan# 1742

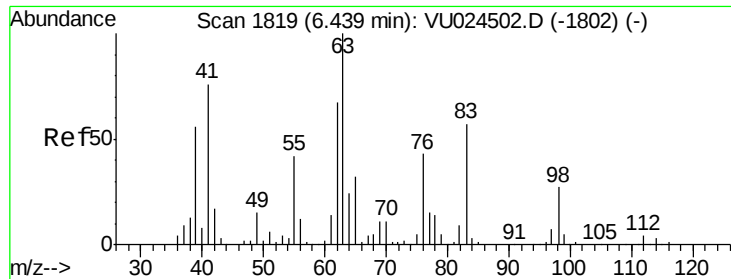
Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Tgt Ion:	130	Resp:	53408
Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	202.4





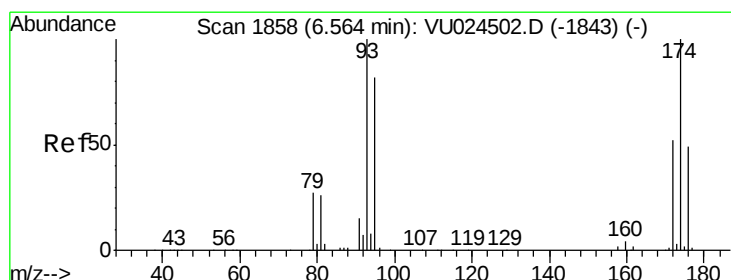
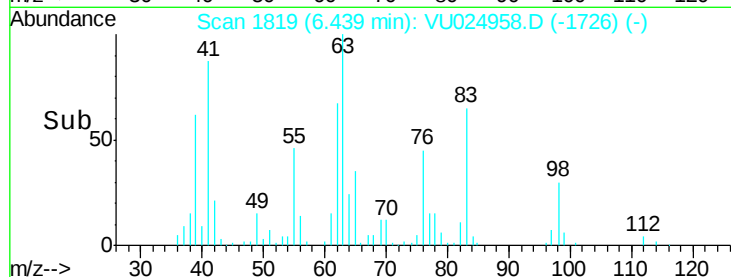
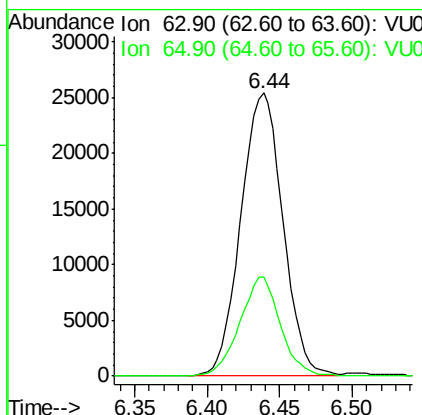
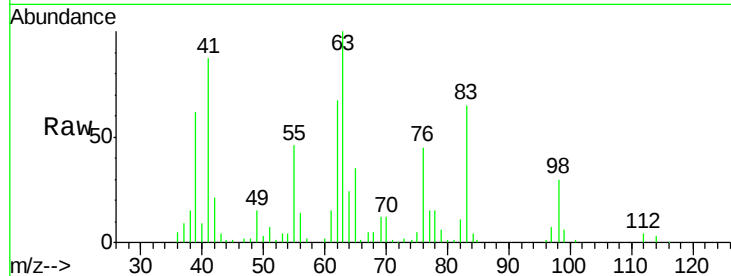
#45
 1,2-Dichloropropane
 Concen: 20.43 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tot Ion: 63 Resp: 51406
 Ion Ratio Lower Upper
 63 100
 65 35.0 24.8 37.2

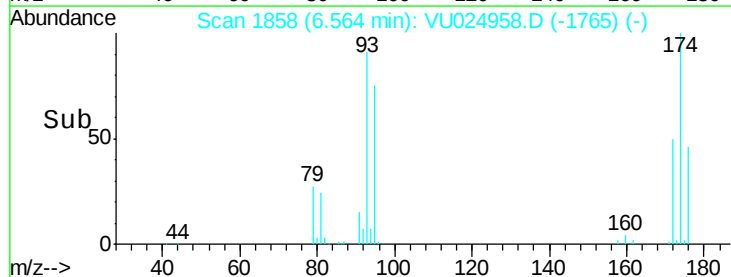
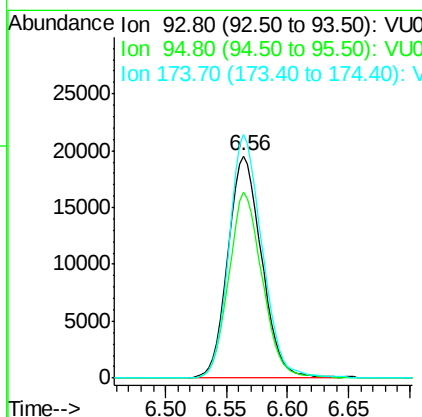
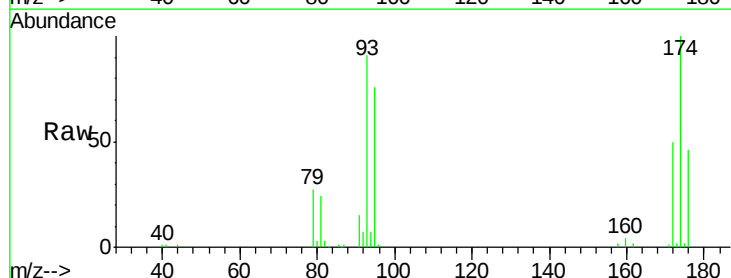
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#46
 Dibromomethane
 Concen: 21.32 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion: 93 Resp: 37689
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.5 98.3
 174 107.3 78.7 118.1





#47

Bromodichloromethane

Concen: 19.84 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

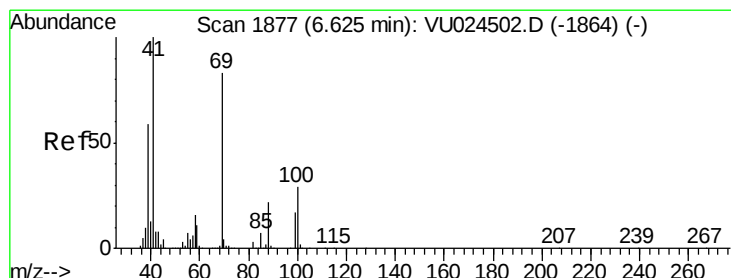
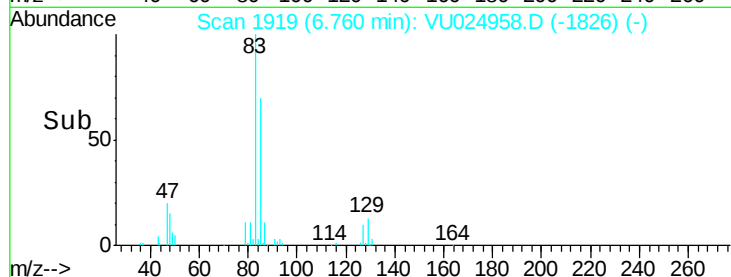
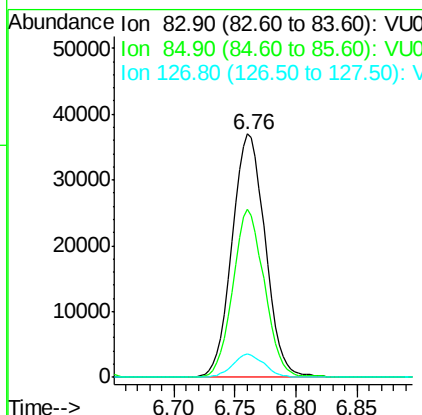
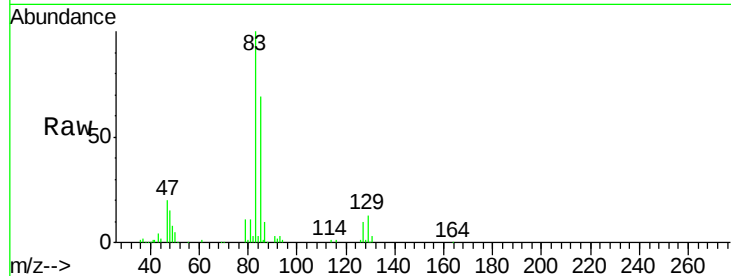
ClientSampleId :

VU0627WBS02

Tot Ion:	83	Resp:	69830
Ion	Ratio	Lower	Upper
83	100		
85	68.9	51.9	77.9
127	9.7	6.6	9.8

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#48

Methyl methacrylate

Concen: 20.36 ug/l

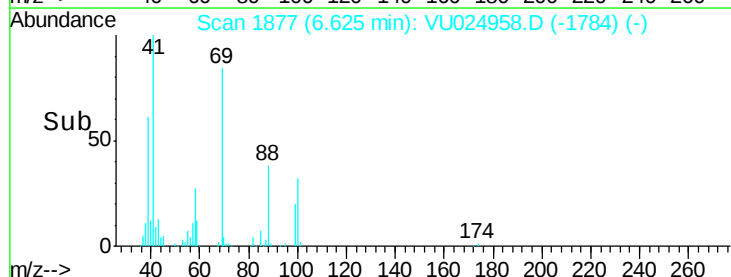
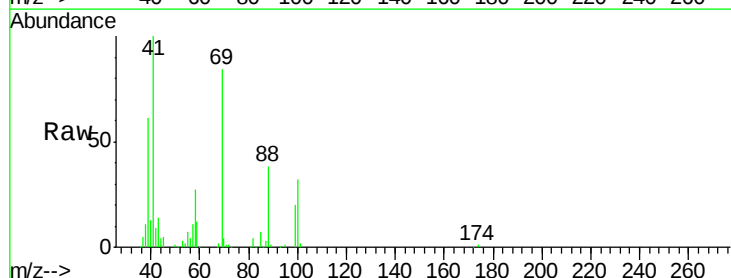
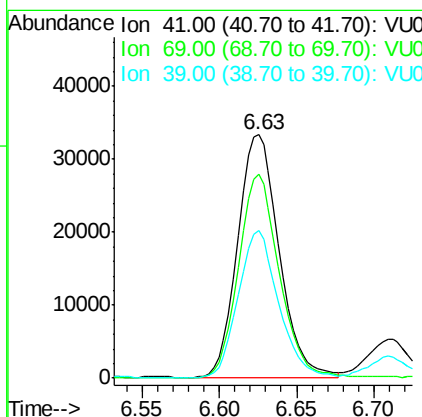
RT: 6.63 min Scan# 1877

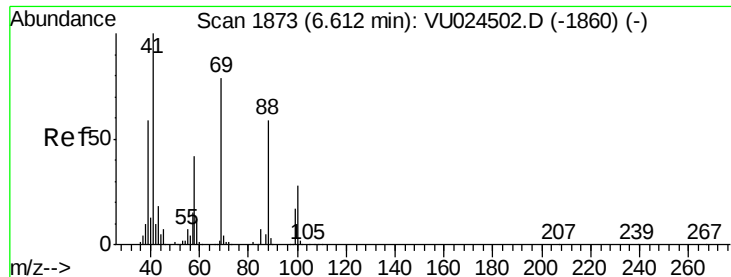
Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Tgt Ion:	41	Resp:	61826
Ion	Ratio	Lower	Upper
41	100		
69	82.9	67.3	100.9
39	59.7	46.5	69.7





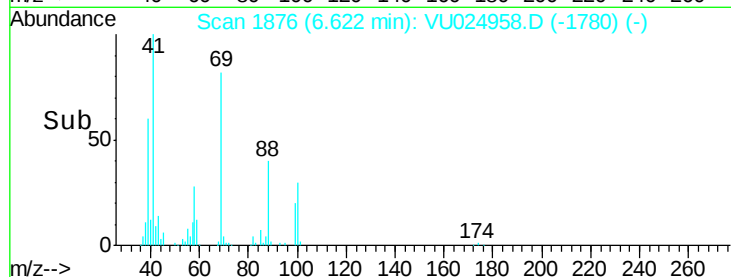
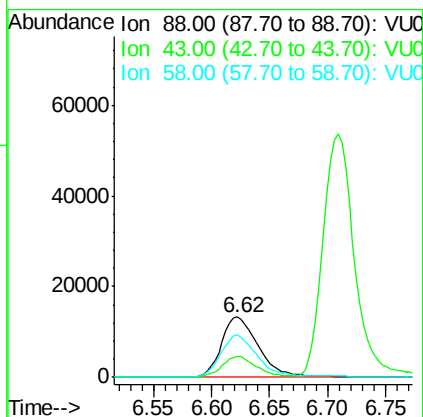
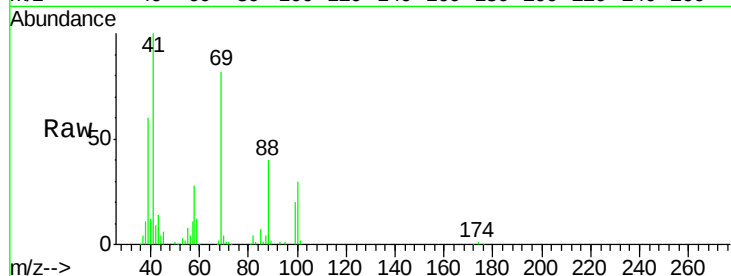
#49
1,4-Dioxane
Concen: 498.68 ug/l
RT: 6.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.1	28.6	42.8
58	68.6	58.2	87.4

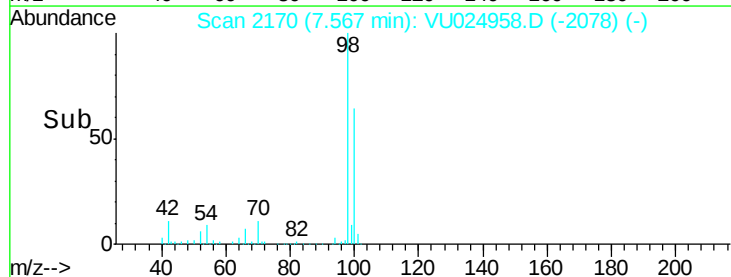
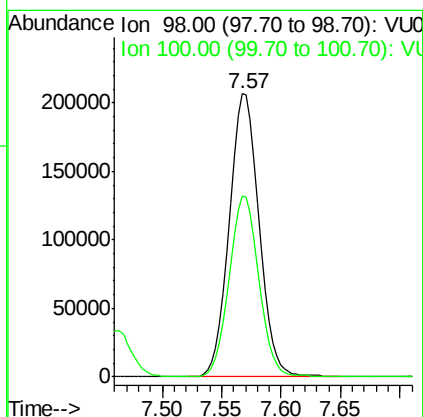
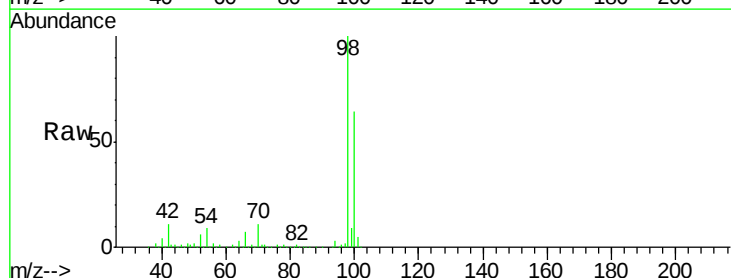
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#50
Toluene-d8
Concen: 42.21 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 98.77 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

Tot Ion: 43 Resp: 386907

Ion Ratio Lower Upper

43 100

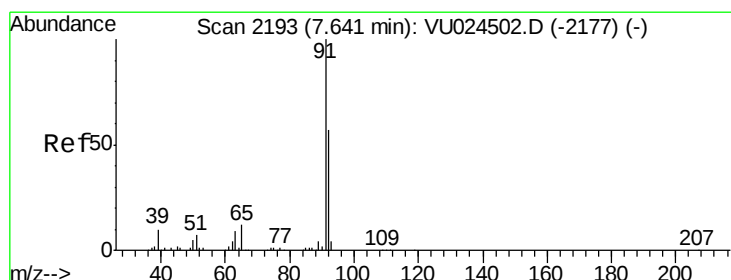
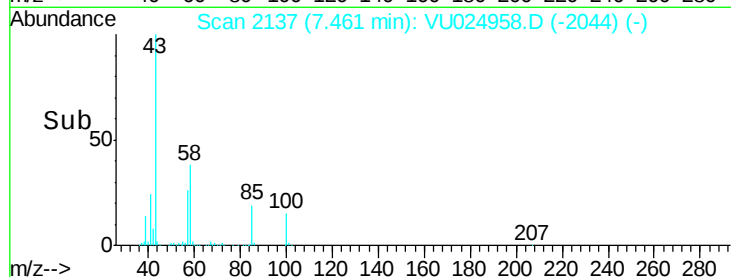
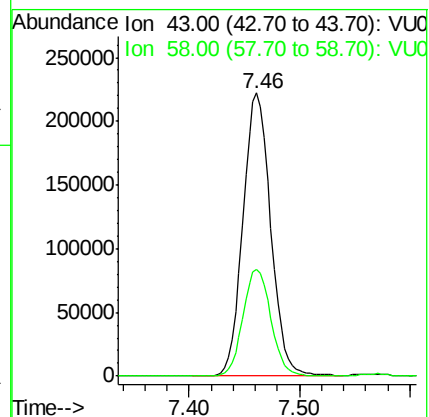
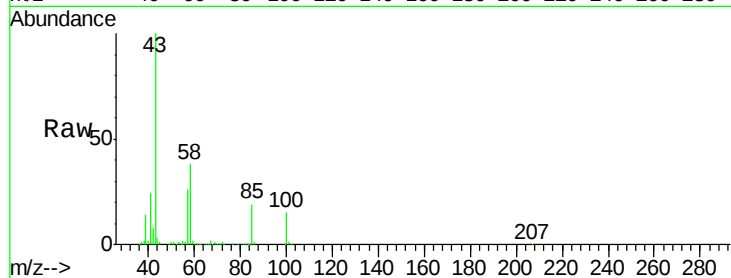
58 38.2 30.0 45.0

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#52

Toluene

Concen: 20.53 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024958.D

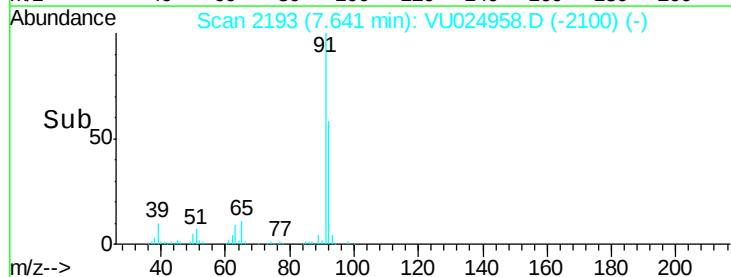
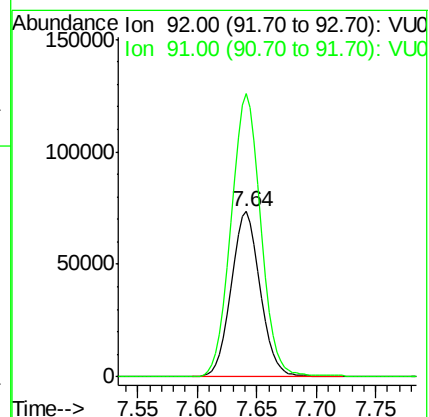
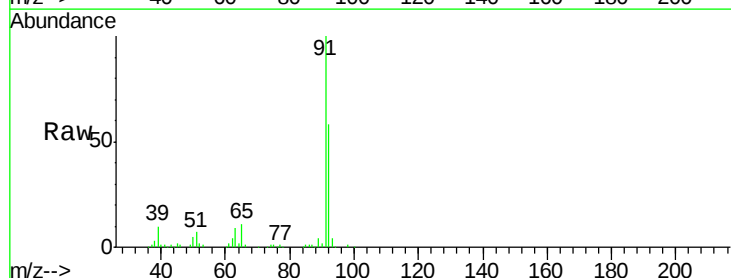
Acq: 27 Jun 2018 11:42

Tgt Ion: 92 Resp: 124563

Ion Ratio Lower Upper

92 100

91 175.0 140.5 210.7





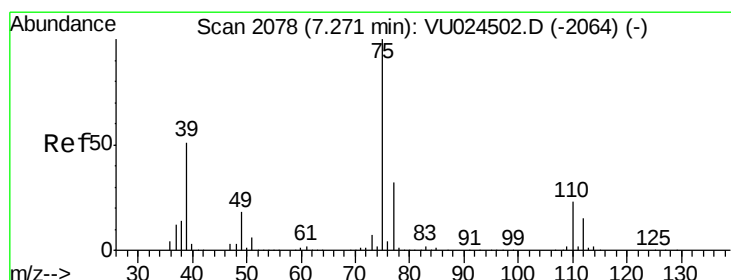
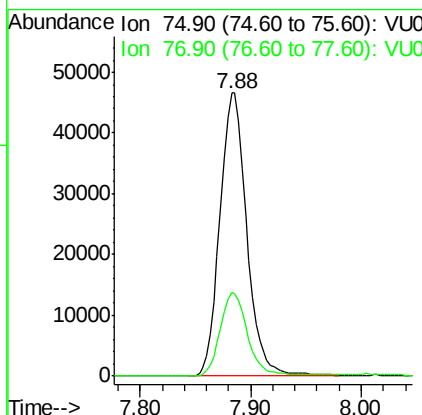
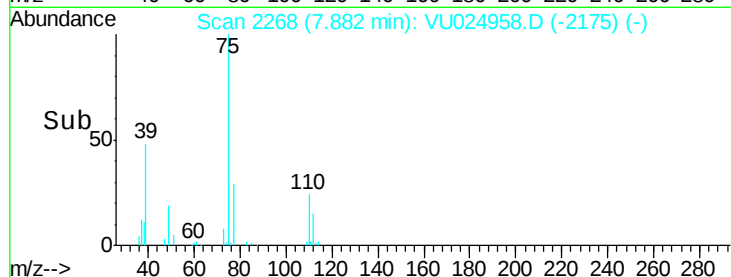
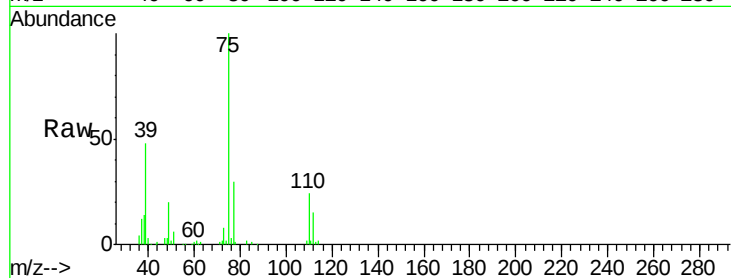
#53
t-1,3-Dichloropropene
Concen: 20.01 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tot Ion: 75 Resp: 79079
Ion Ratio Lower Upper
75 100
77 29.7 24.8 37.2

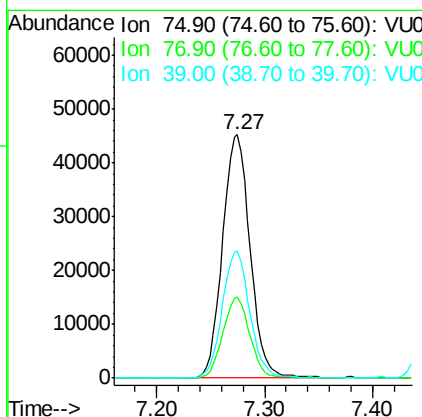
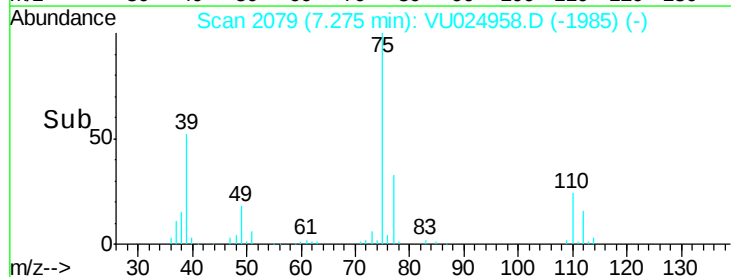
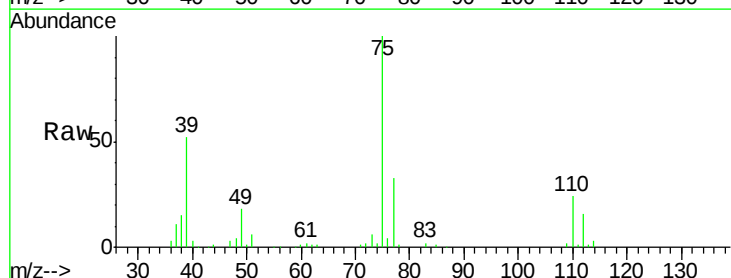
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#54
cis-1,3-Dichloropropene
Concen: 19.16 ug/l
RT: 7.27 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion: 75 Resp: 80697
Ion Ratio Lower Upper
75 100
77 33.2 24.6 36.8
39 52.5 39.8 59.6





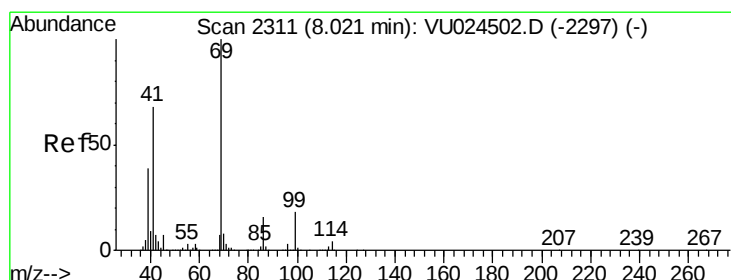
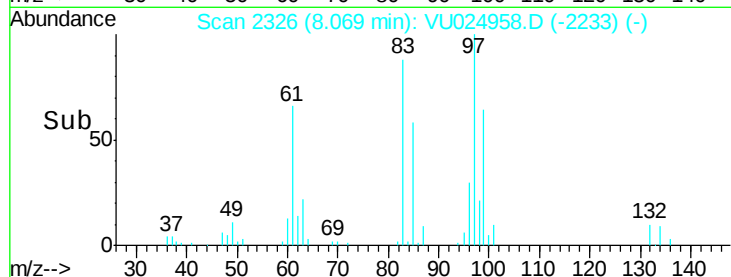
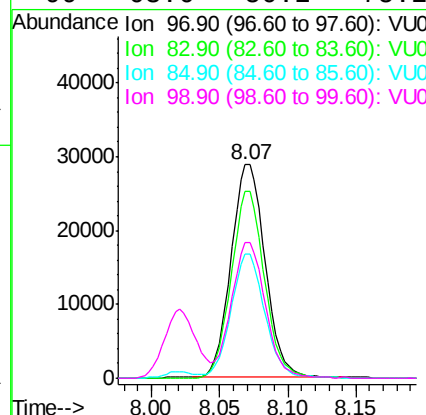
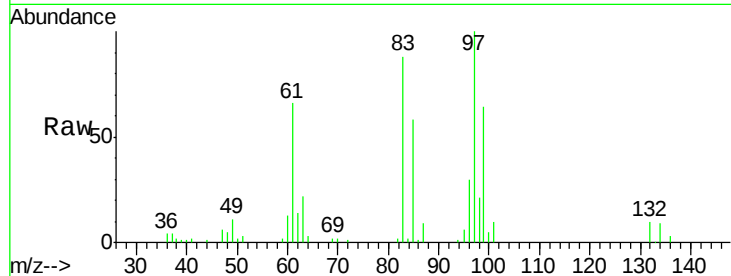
#55
 1,1,2-Trichloroethane
 Concen: 20.21 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tot Ion:	97	Resp:	49843
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.5	105.7
85	58.6	46.4	69.6
99	63.6	50.2	75.2

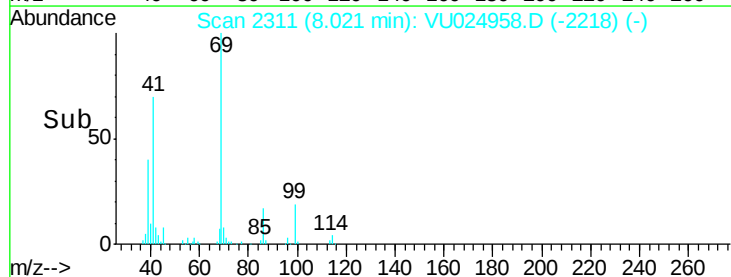
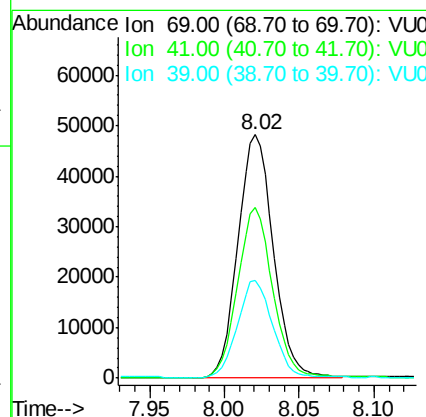
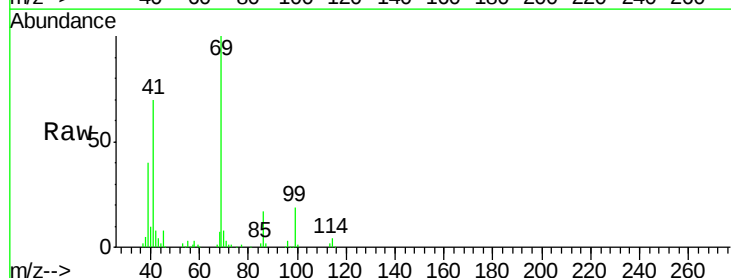
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#56
 Ethyl methacrylate
 Concen: 19.32 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion:	69	Resp:	79728
Ion	Ratio	Lower	Upper
69	100		
41	69.5	54.1	81.1
39	39.2	30.3	45.5





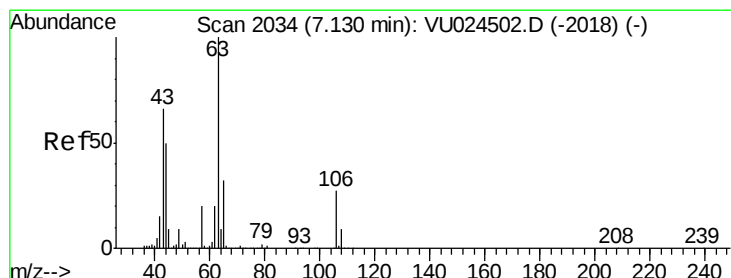
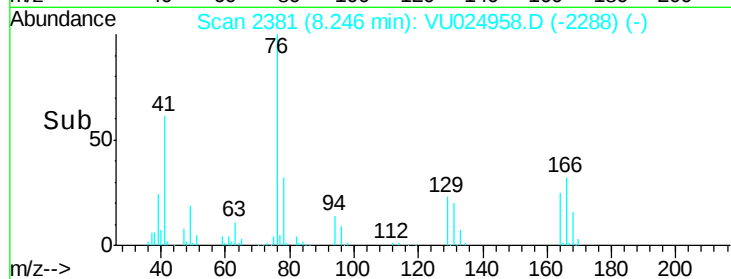
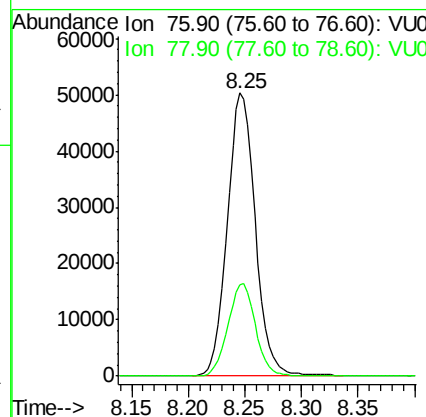
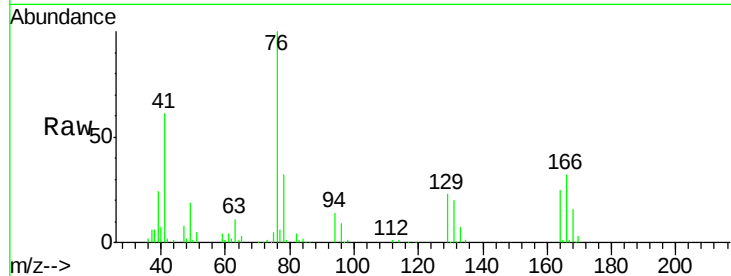
#57
 1,3-Dichloropropane
 Concen: 20.87 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tot Ion: 76 Resp: 86840
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8

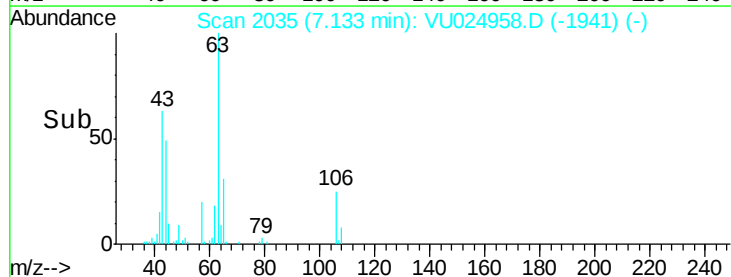
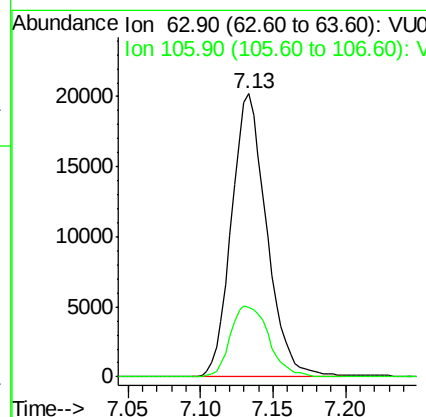
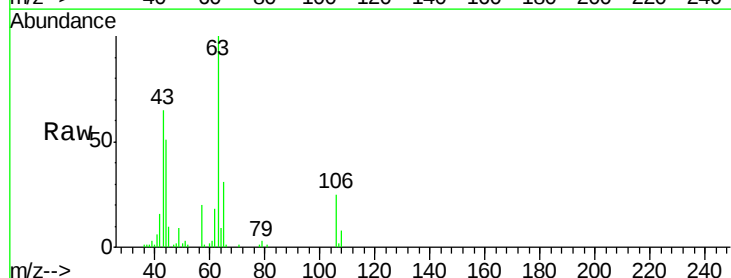
Manual Integrations
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#58
 2-Chloroethyl Vinyl ether
 Concen: 21.57 ug/l
 RT: 7.13 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion: 63 Resp: 34106
 Ion Ratio Lower Upper
 63 100
 106 27.2 20.2 30.2





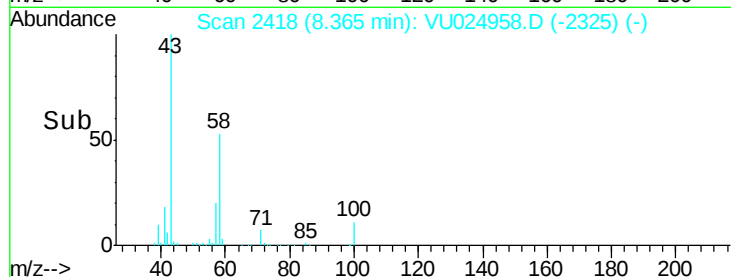
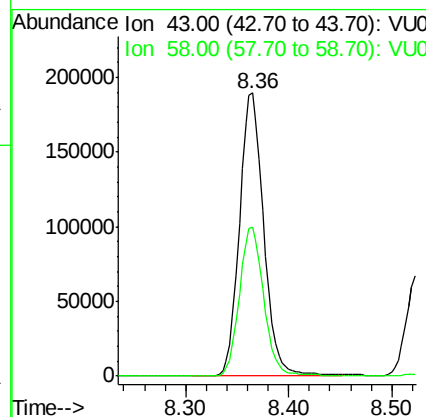
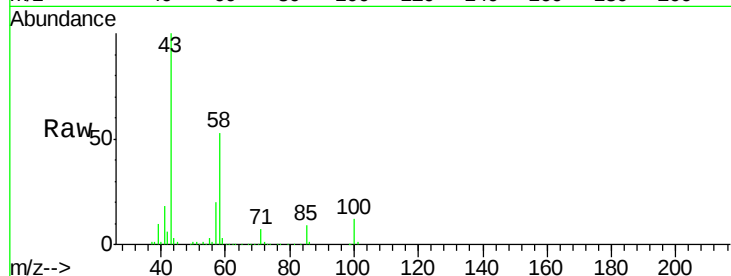
#59
2-Hexanone
Concen: 97.38 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tot Ion: 43 Resp: 311418
Ion Ratio Lower Upper
43 100
58 52.9 26.4 79.0

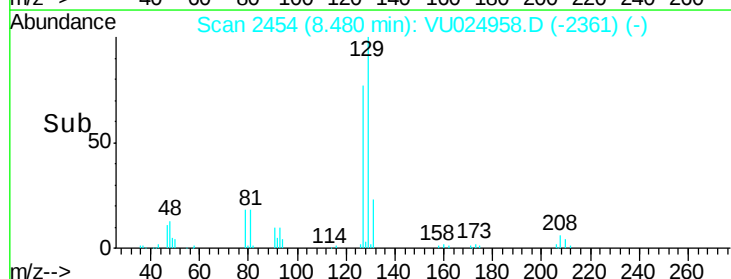
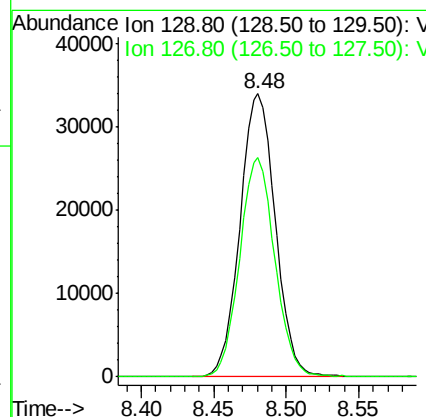
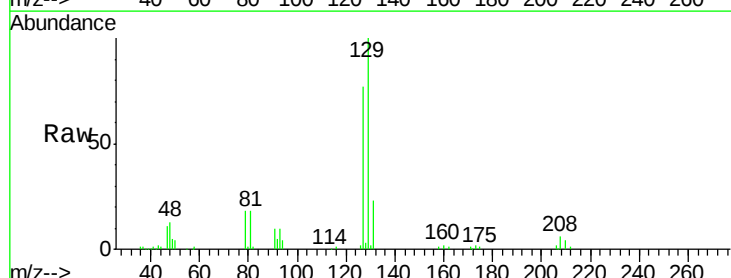
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#60
Dibromochloromethane
Concen: 18.73 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion: 129 Resp: 57600
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





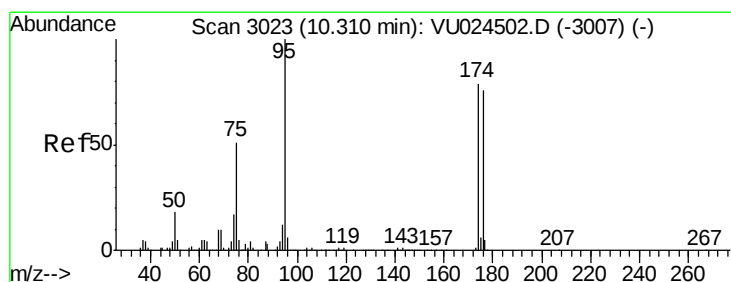
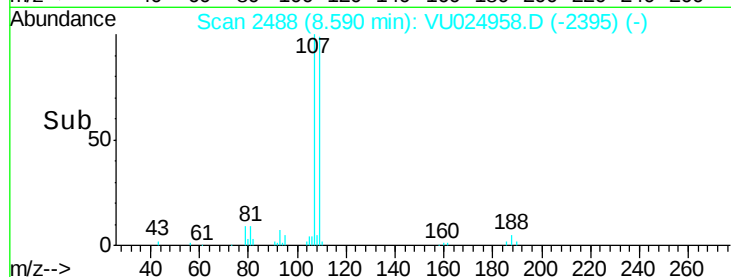
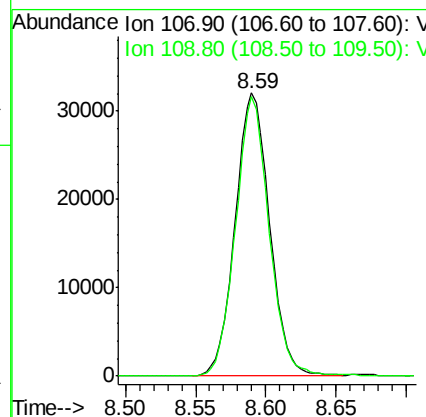
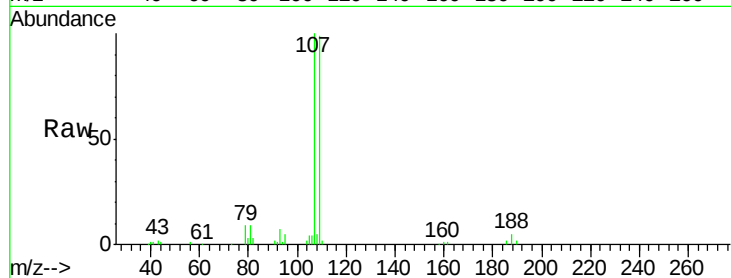
#61
 1,2-Dibromoethane
 Concen: 20.02 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	74.5	111.7

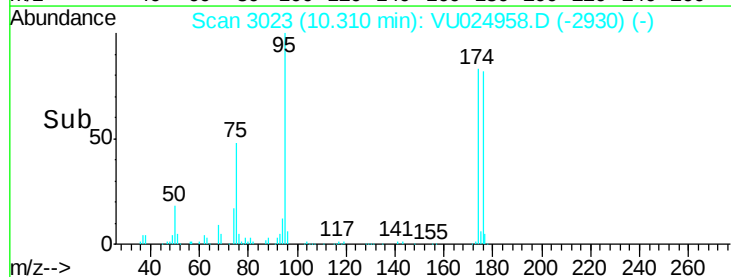
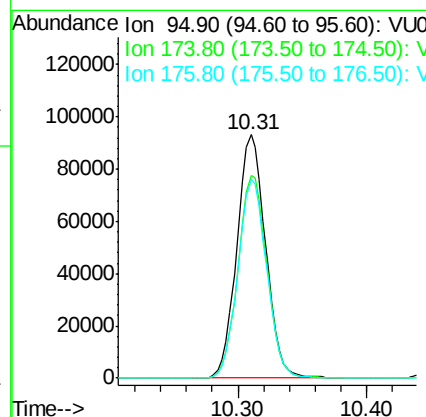
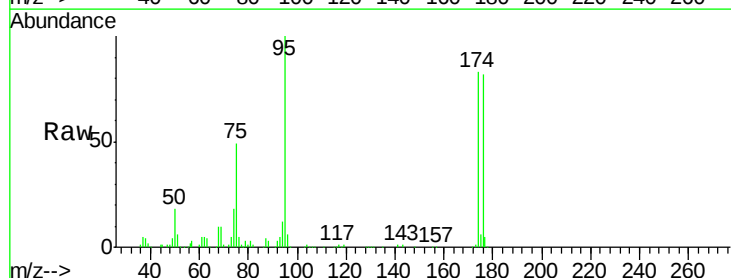
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 42.59 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	165.8
176	82.0	0.0	159.4





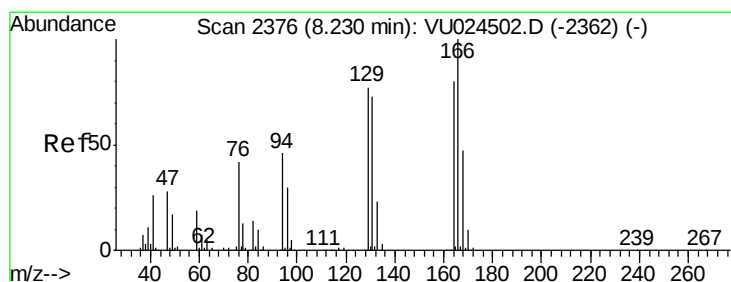
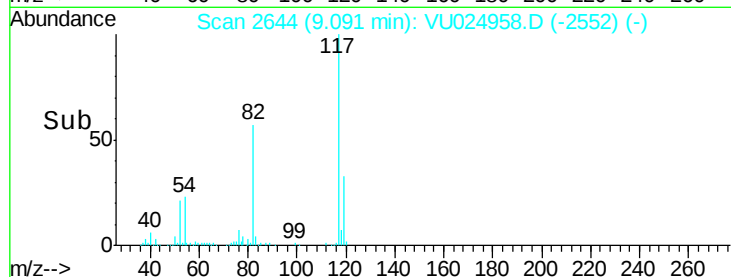
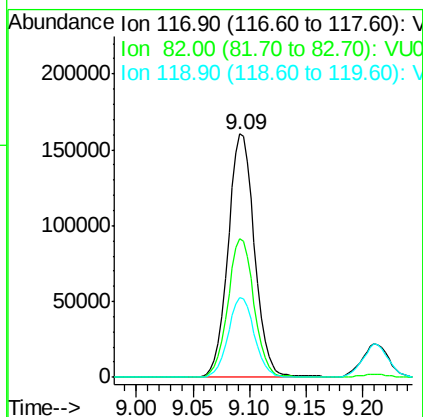
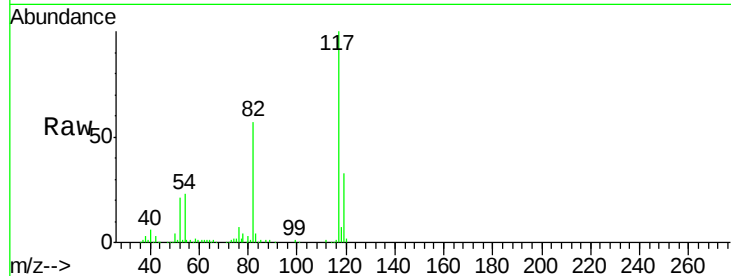
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	260935		
82	57.2		44.3	66.5
119	32.5		25.4	38.2

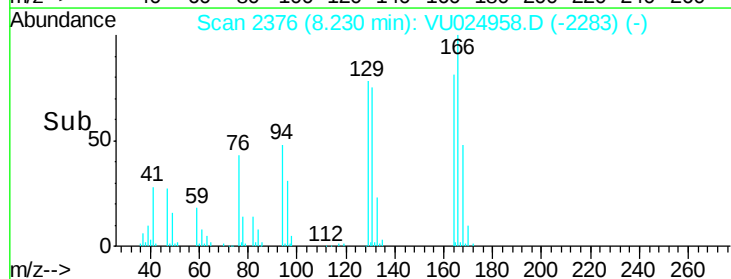
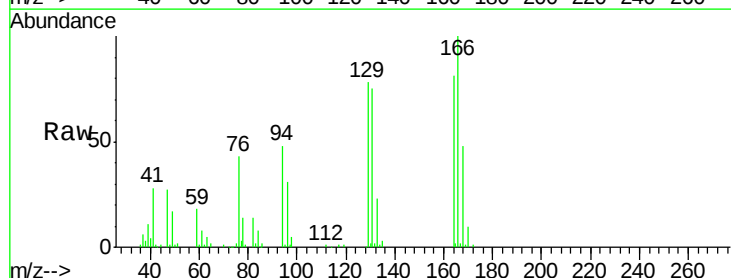
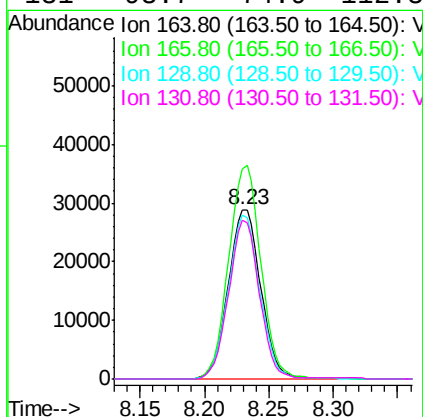
Manual Integrations
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#64
Tetrachloroethene
Concen: 20.36 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	50505		
166	124.2		101.7	152.5
129	96.6		76.9	115.3
131	93.7		74.9	112.3





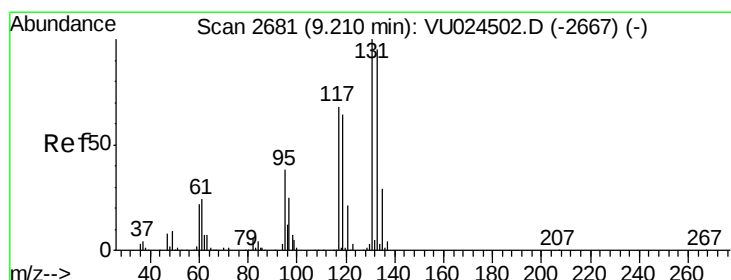
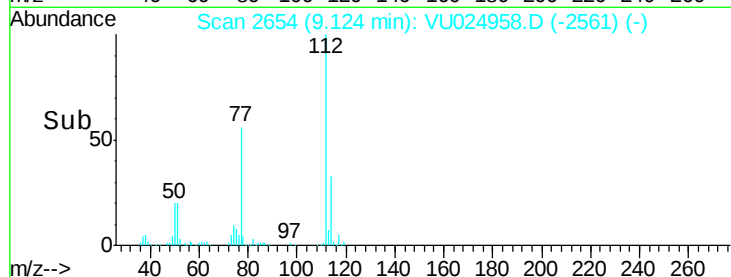
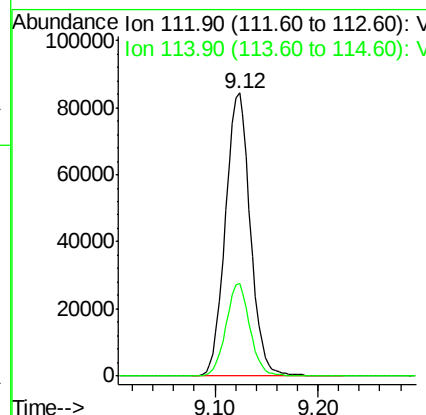
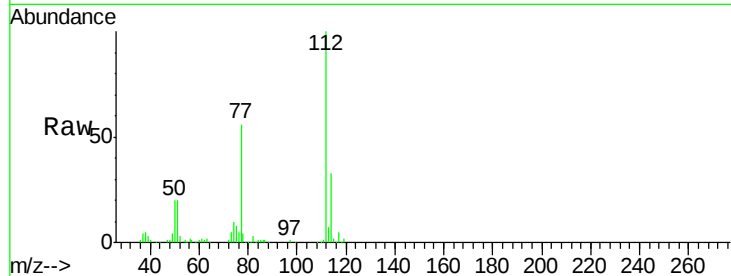
#65
Chlorobenzene
Concen: 21.30 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.6	38.4

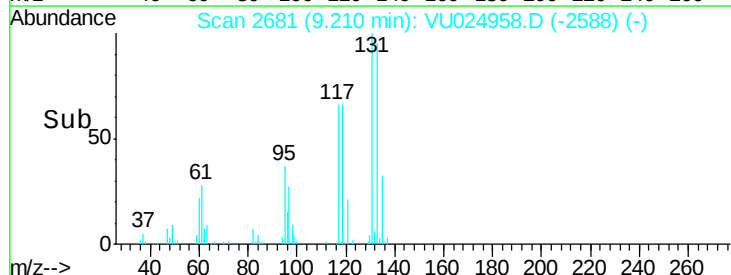
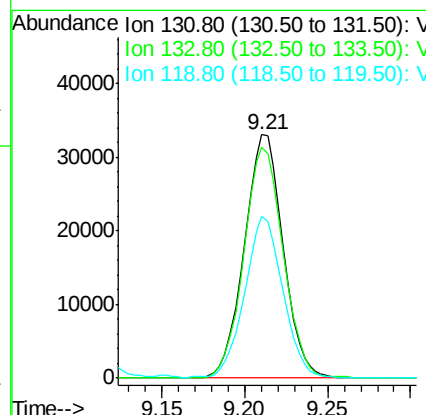
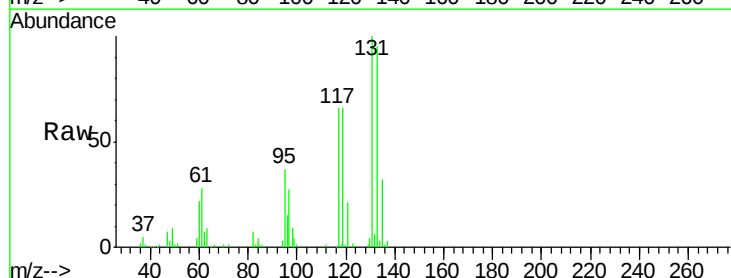
Manual Integrations
APPROVED

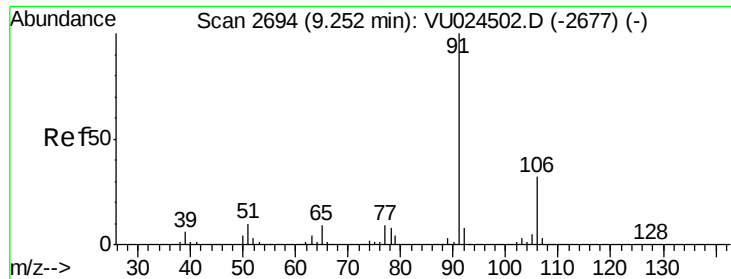
MMDadoda
6/28/2018 4:37:01 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.20 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	46.9	140.8
119	65.4	33.5	100.4





#67

Ethyl Benzene

Concen: 20.94 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampled :

VU0627WBS02

Tot Ion: 91 Resp: 244751

Ion Ratio Lower Upper

91 100

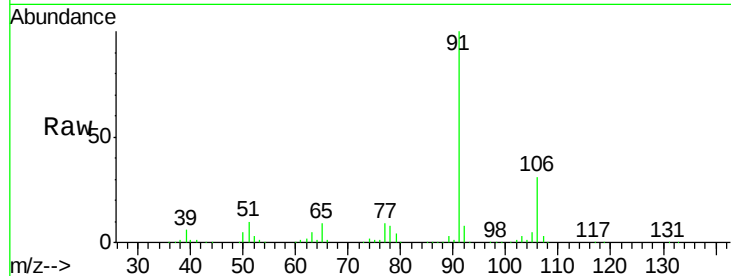
106 30.7 24.2 36.4

Manual Integrations

APPROVED

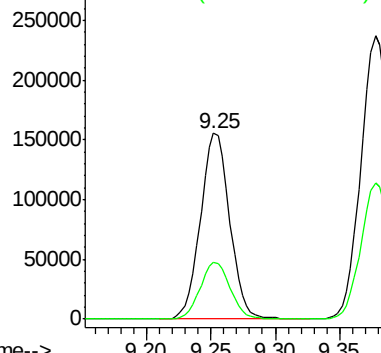
MMDadoda

6/28/2018 4:37:01 PM

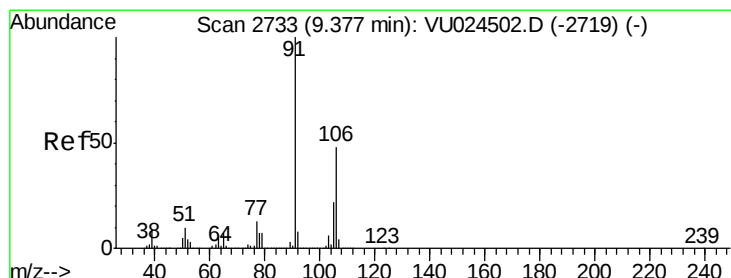
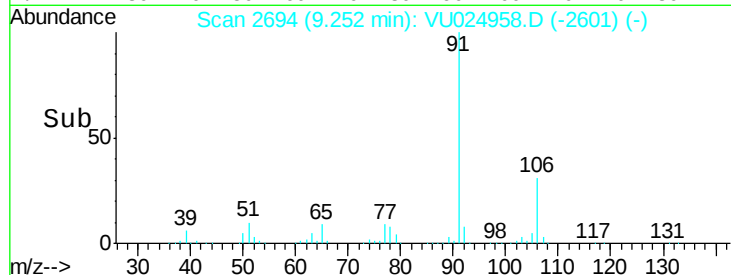


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



Time-->



#68

m/p-Xylenes

Concen: 41.83 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU024958.D

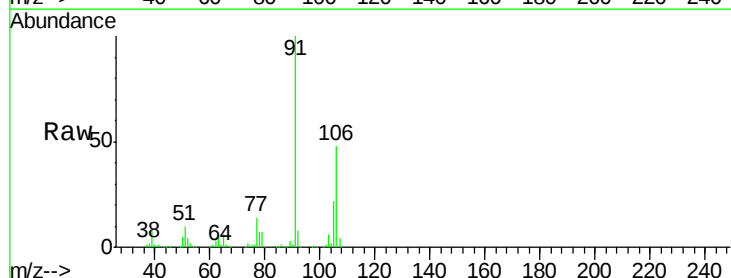
Acq: 27 Jun 2018 11:42

Tgt Ion: 106 Resp: 187717

Ion Ratio Lower Upper

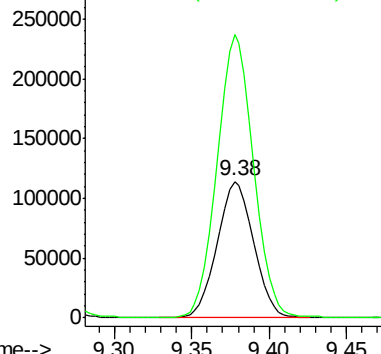
106 100

91 206.4 166.5 249.7

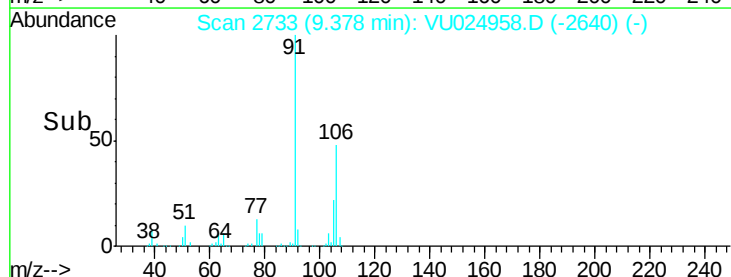


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time-->





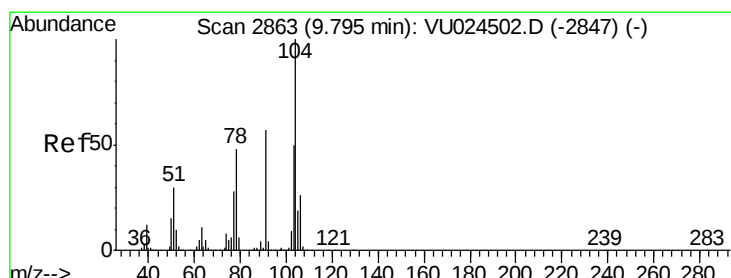
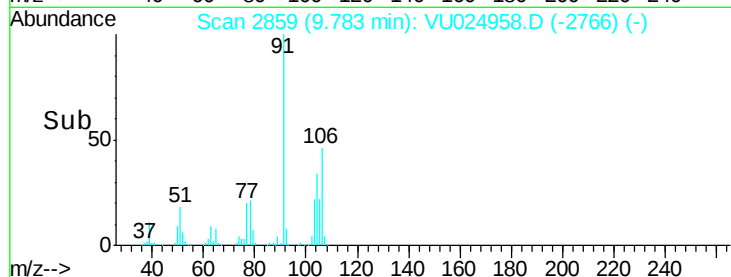
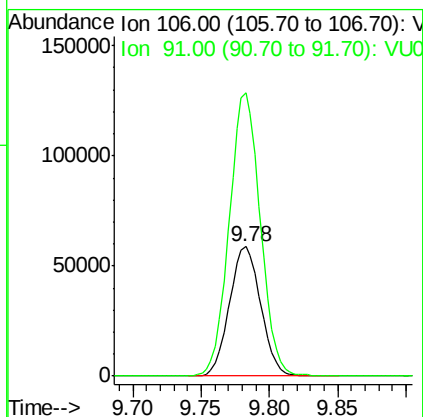
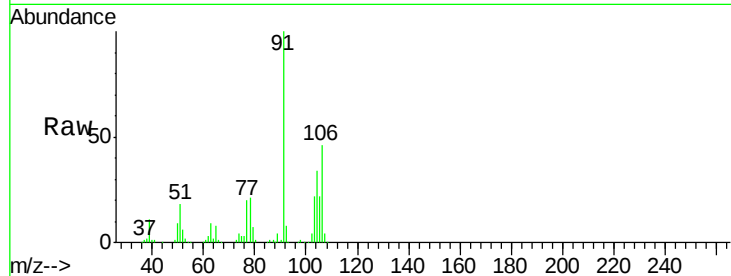
#69
o-Xylene
Concen: 21.16 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.5	110.7	331.9

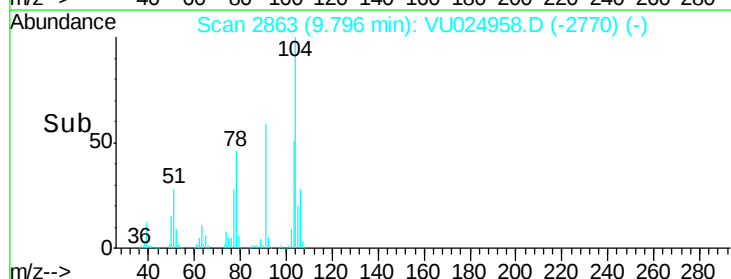
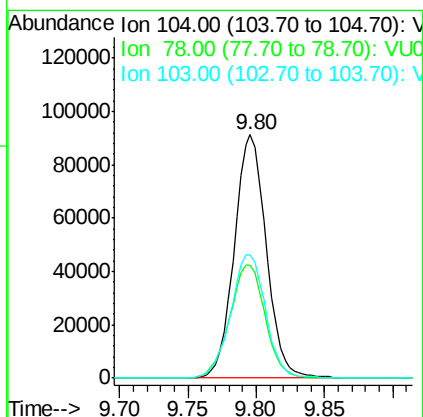
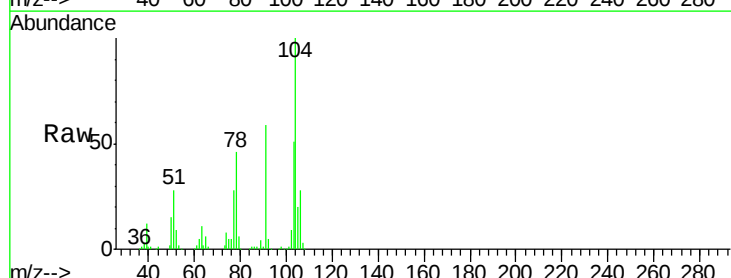
Manual Integrations
APPROVED

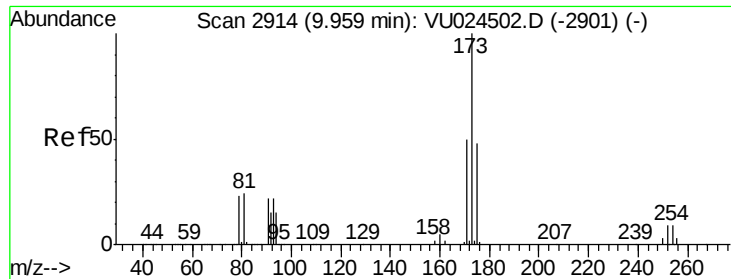
MMDadoda
6/28/2018 4:37:01 PM



#70
Styrene
Concen: 20.37 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.7	40.6	60.8
103	55.1	44.7	67.1





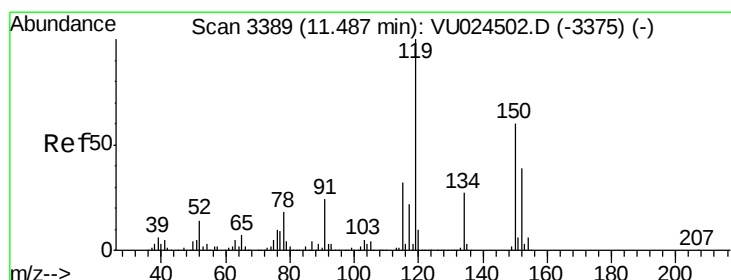
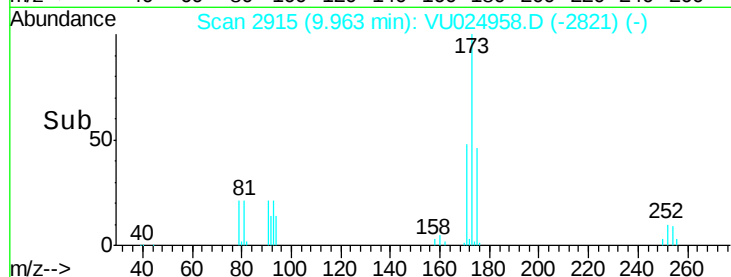
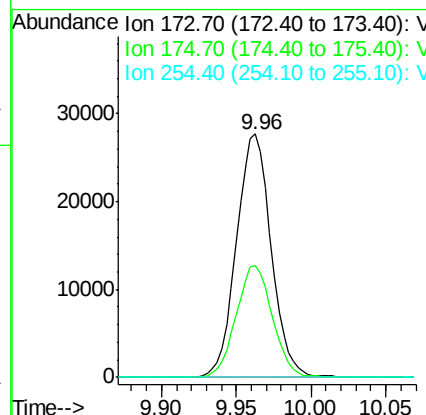
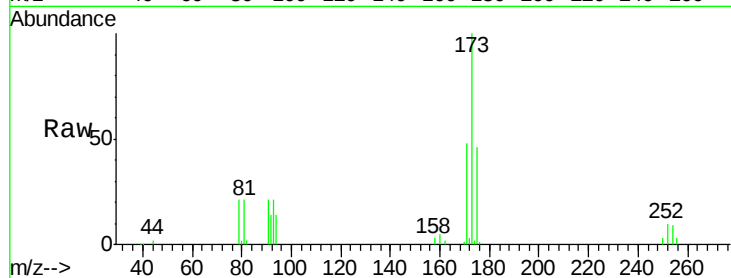
#71
Bromoform
Concen: 18.60 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.6	74.0
254	0.0	0.0	0.0

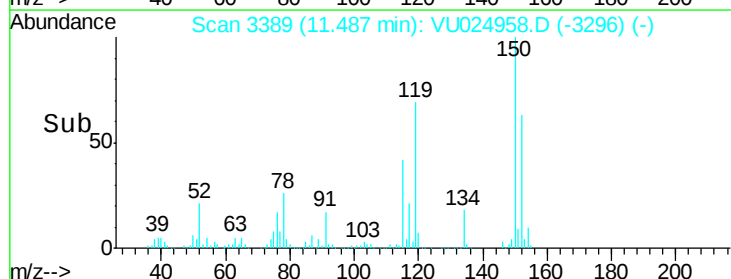
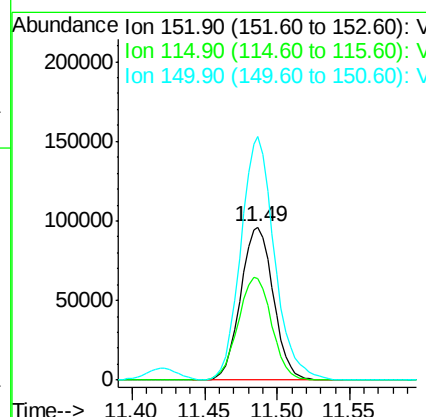
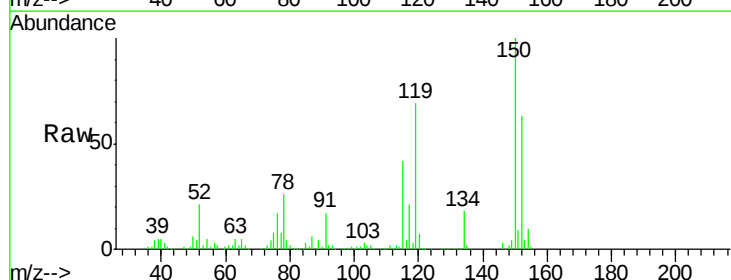
Manual Integrations
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6/28/2018 4:37:01 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.4	43.0	129.0
150	163.8	0.0	354.0





#73

Isopropylbenzene

Concen: 21.95 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

Tot Ion: 105 Resp: 253353

Ion Ratio Lower Upper

105 100

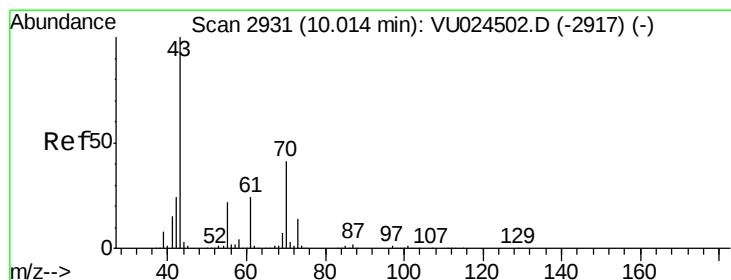
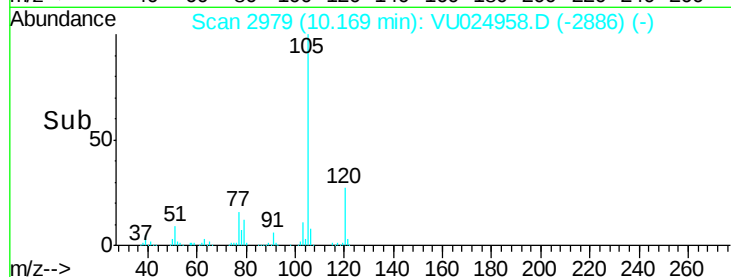
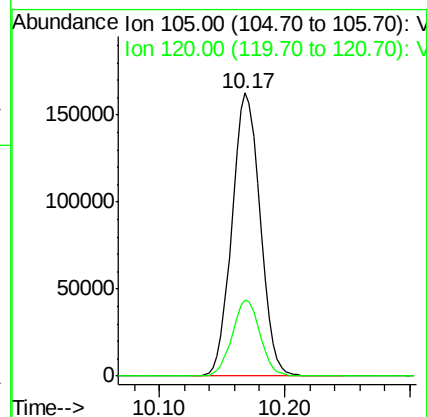
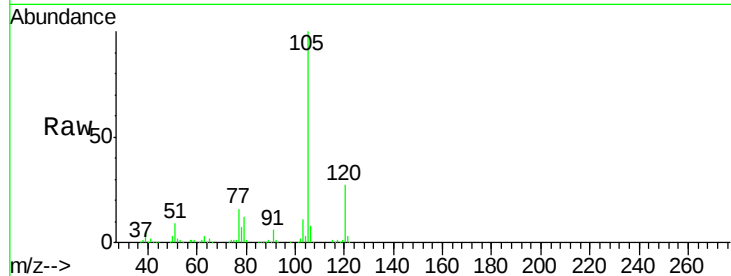
120 26.6 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.22 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Tgt Ion: 43 Resp: 105528

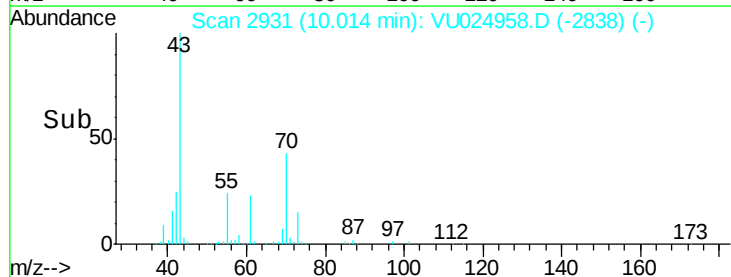
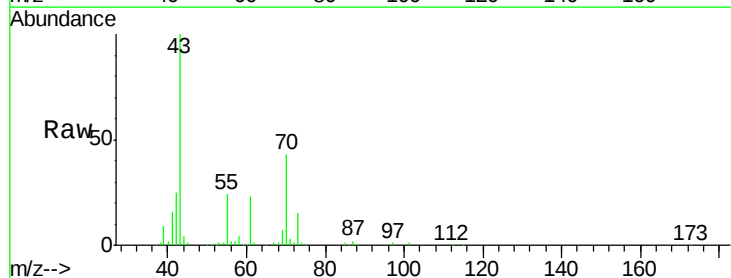
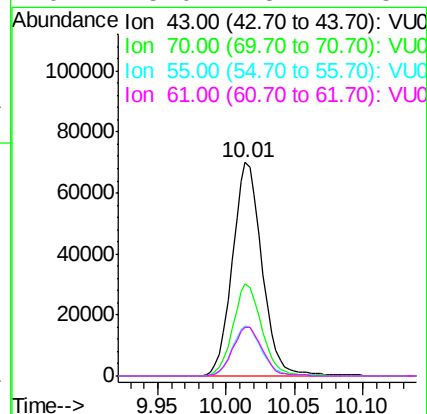
Ion Ratio Lower Upper

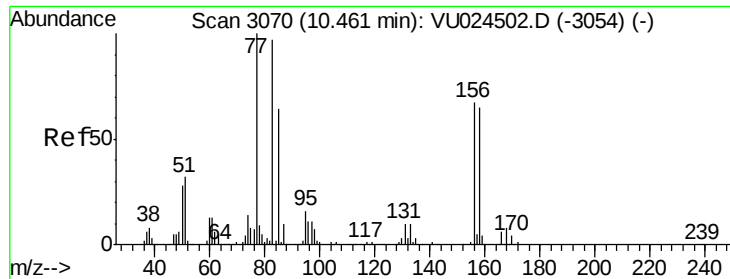
43 100

70 42.2 32.2 48.4

55 23.5 20.5 30.7

61 23.0 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.93 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

Tot Ion: 83 Resp: 80988

Ion Ratio Lower Upper

83 100

131 11.4 4.7 14.1

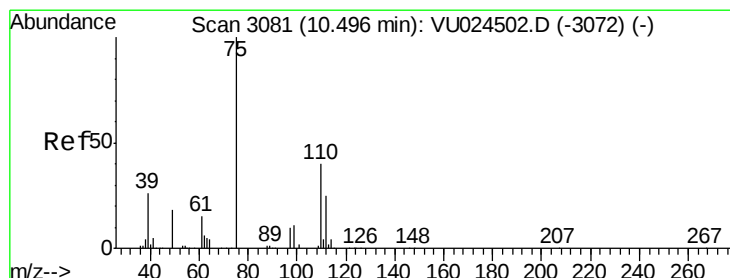
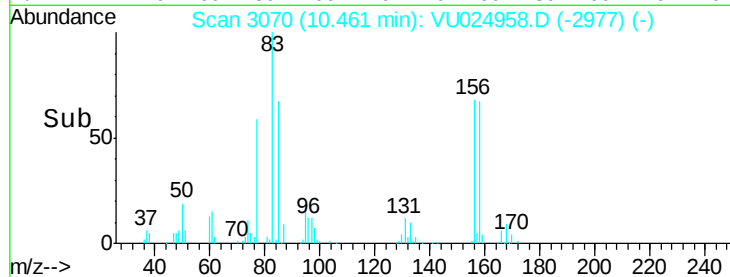
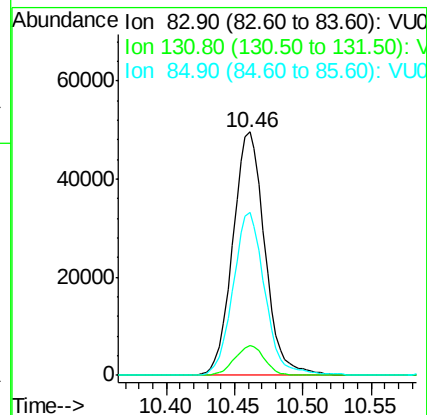
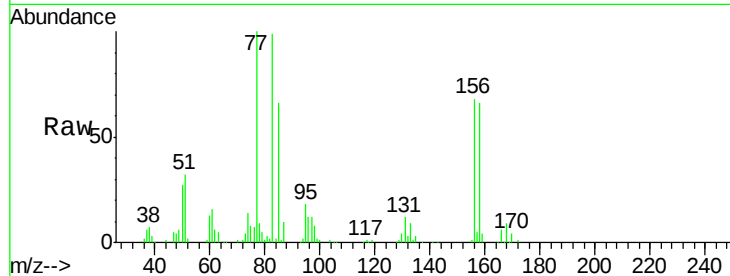
85 66.6 32.5 97.5

Manual Integrations

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#76

1,2,3-Trichloropropane

Concen: 22.94 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024958.D

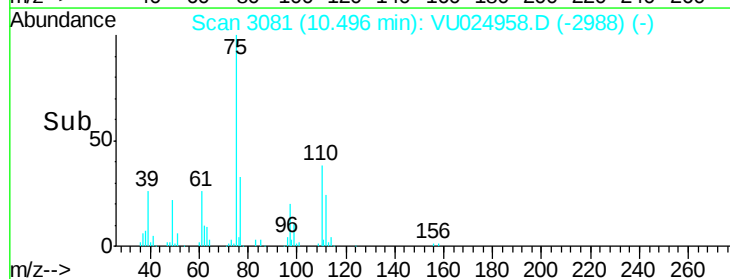
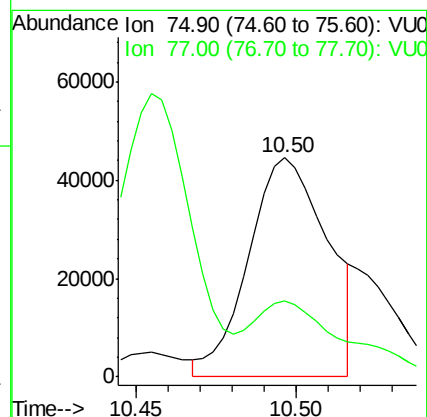
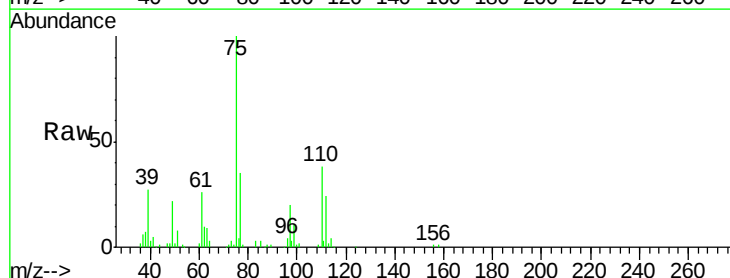
Acq: 27 Jun 2018 11:42

Tgt Ion: 75 Resp: 75957

Ion Ratio Lower Upper

75 100

77 42.2 20.9 62.7





#77

Bromobenzene

Concen: 21.44 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

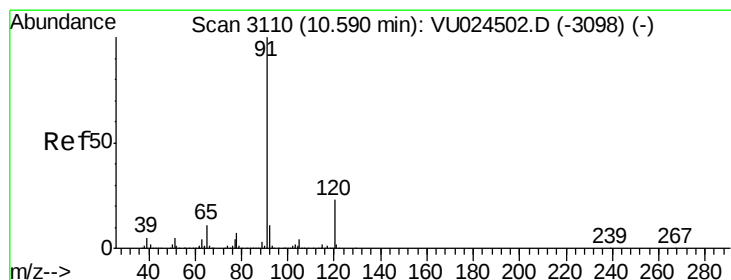
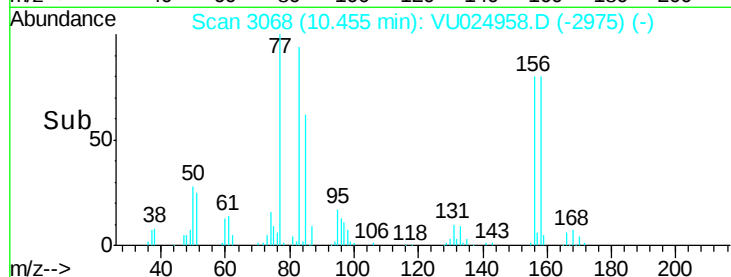
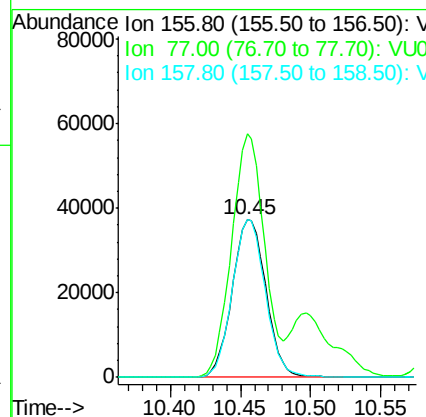
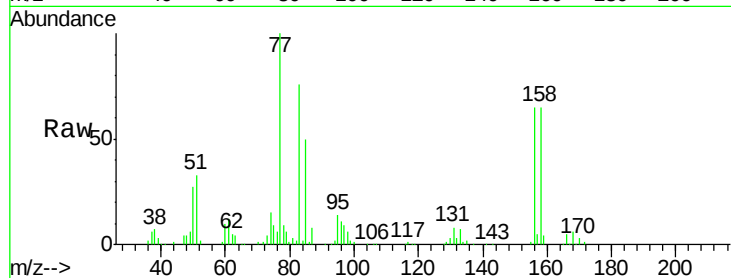
ClientSampleId :

VU0627WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.5	80.5	241.3
158	98.1	48.2	144.6

Manual Integrations
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#78

n-propylbenzene

Concen: 21.02 ug/l

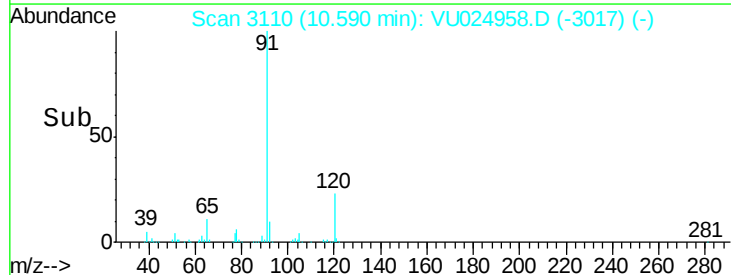
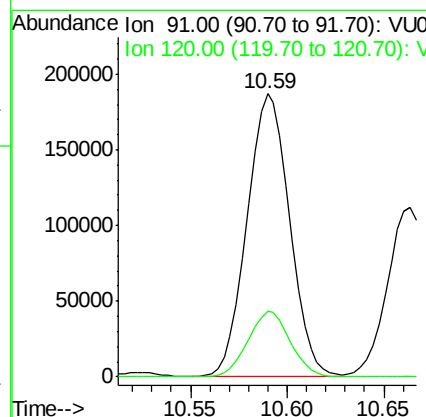
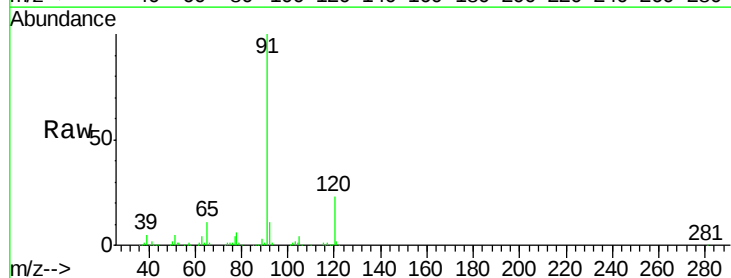
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.2	33.5





#79

2-Chlorotoluene

Concen: 21.79 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

Tot Ion: 91 Resp: 174770

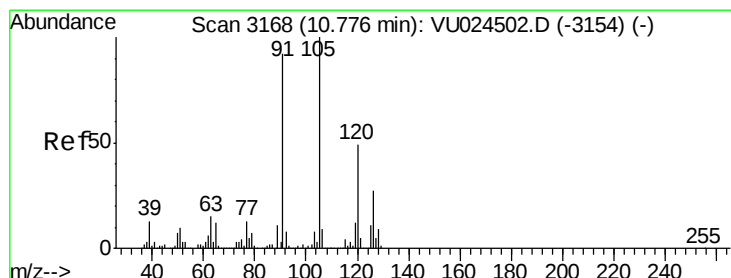
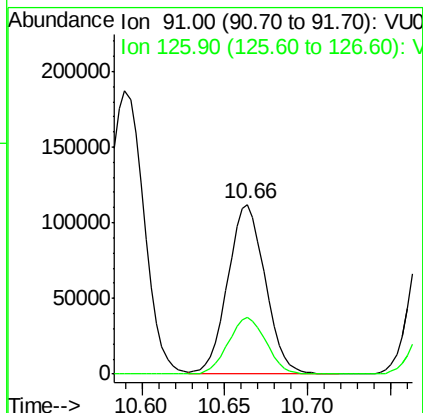
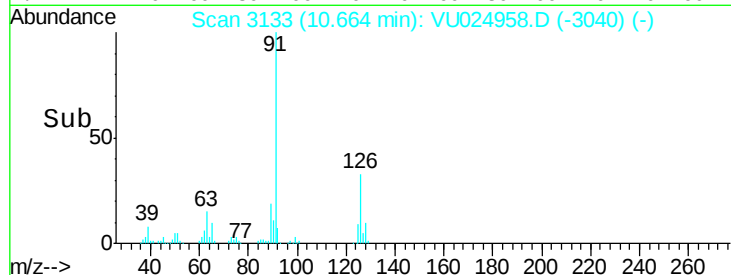
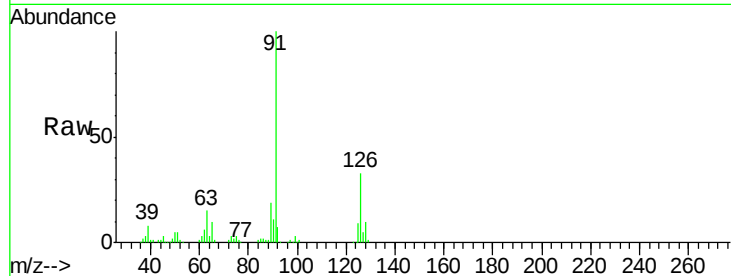
Ion Ratio Lower Upper

91 100

126 34.0 16.9 50.7

Manual Integrations
APPROVED

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#80

1,3,5-Trimethylbenzene

Concen: 21.54 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024958.D

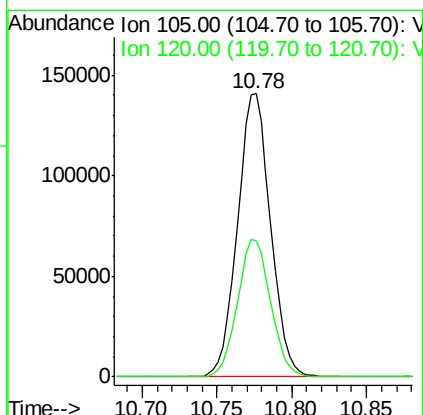
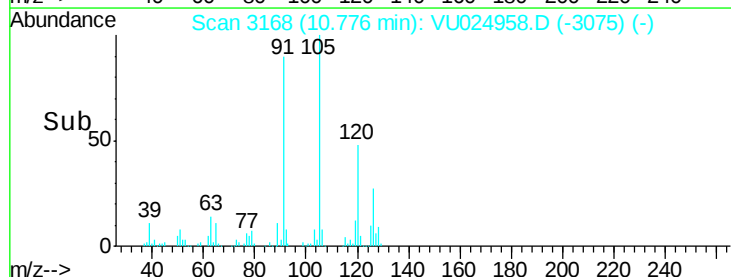
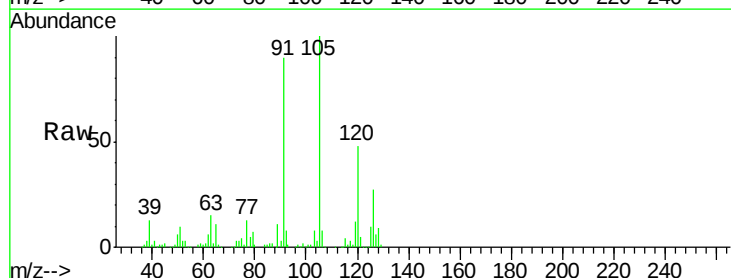
Acq: 27 Jun 2018 11:42

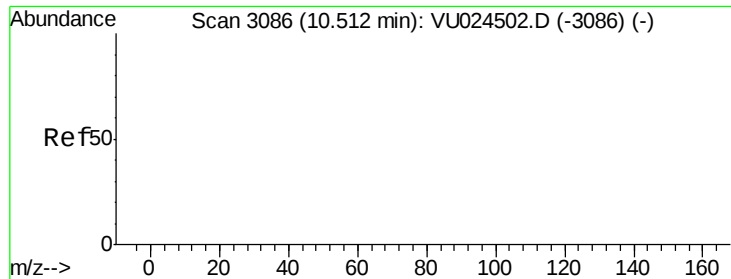
Tgt Ion: 105 Resp: 215491

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.2





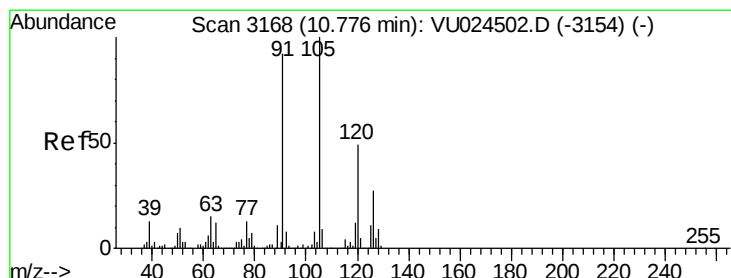
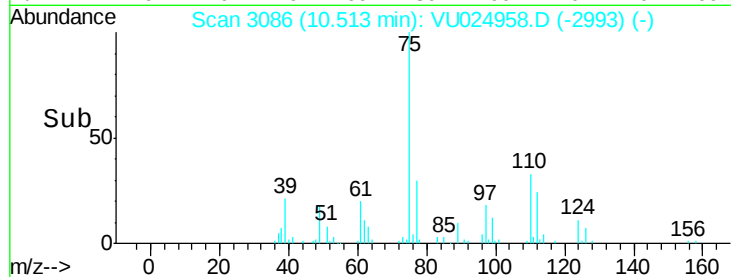
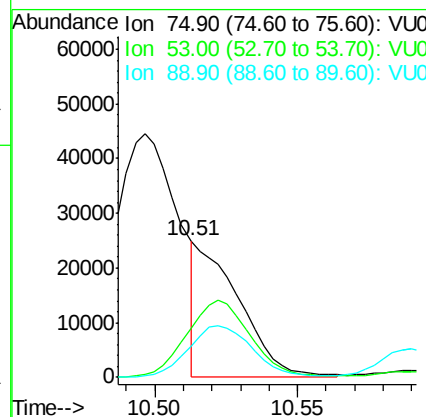
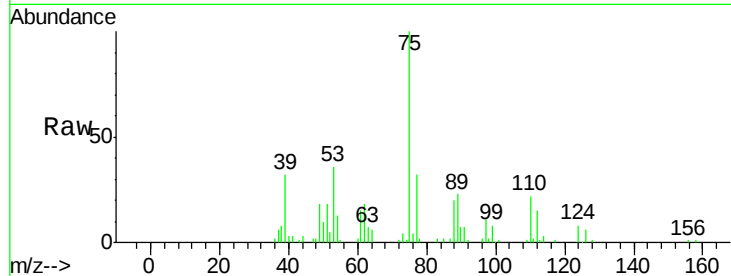
#81
trans-1,4-Dichloro-2-butene
Concen: 18.32 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

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

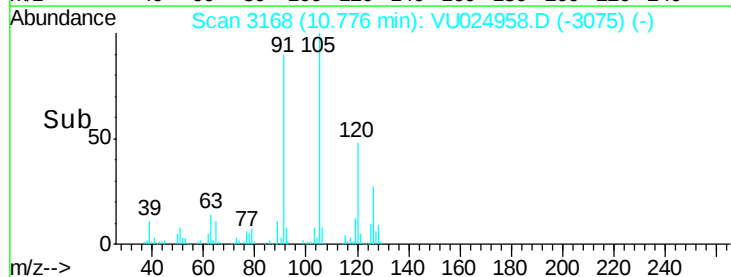
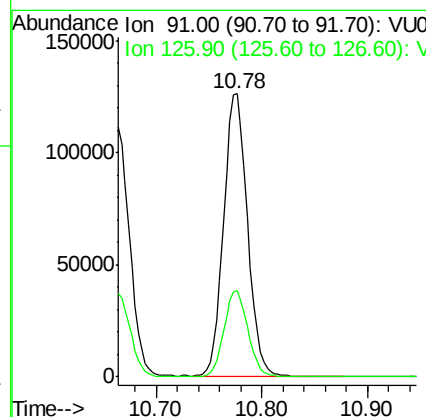
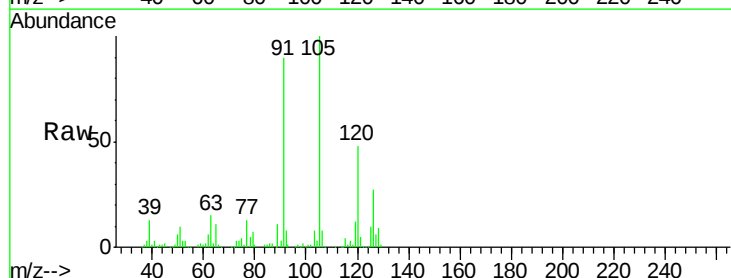
Manual Integrations
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6/28/2018 4:37:01 PM



#82
4-Chlorotoluene
Concen: 21.27 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	14.9	44.9





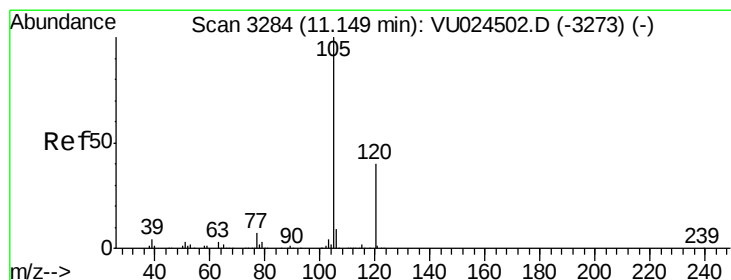
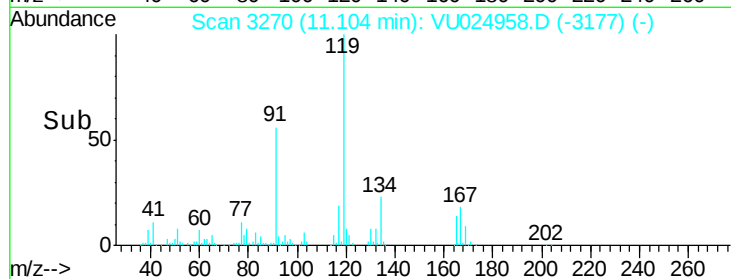
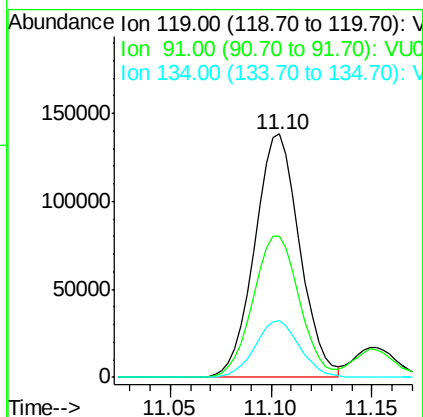
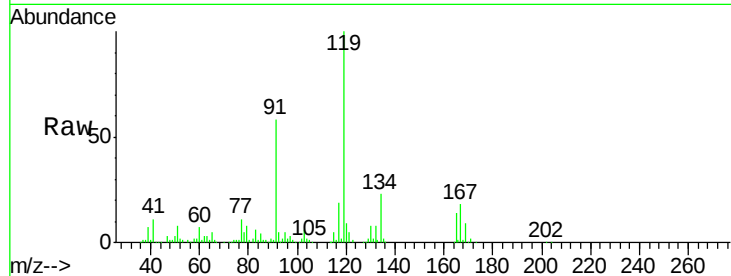
#83
tert-Butylbenzene
Concen: 22.41 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	215719		
91	59.8	29.7	89.1	
134	23.1	11.6	34.7	

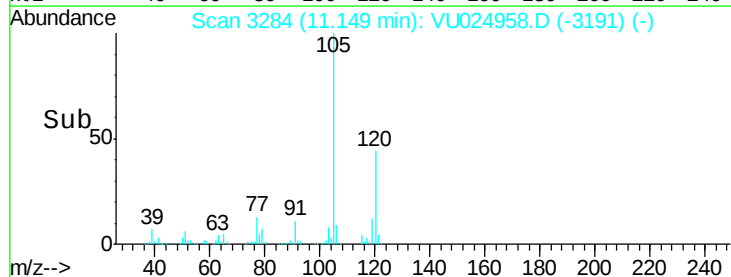
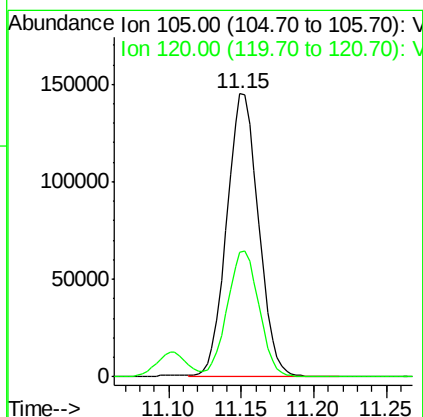
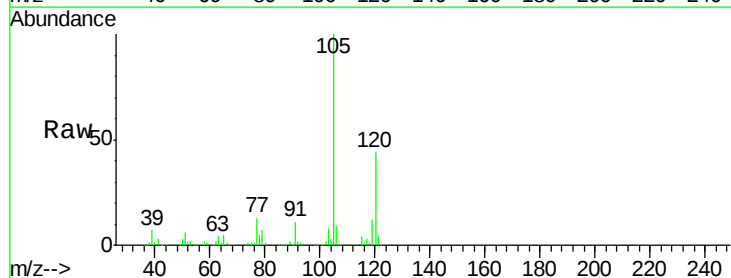
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#84
1,2,4-Trimethylbenzene
Concen: 21.59 ug/l
RT: 11.15 min Scan# 3284
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	220179		
120	44.6	22.6	67.8	





#85

sec-Butylbenzene

Concen: 21.53 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

ClientSampleId :

VU0627WBS02

Tot Ion:105 Resp: 259366

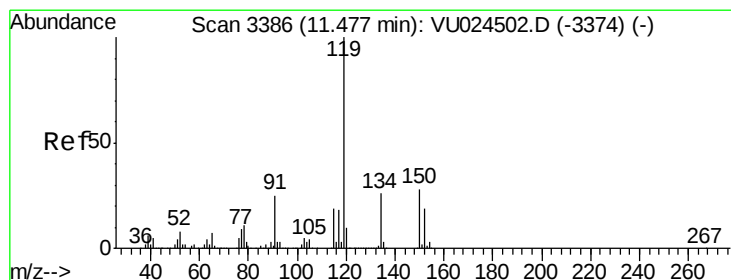
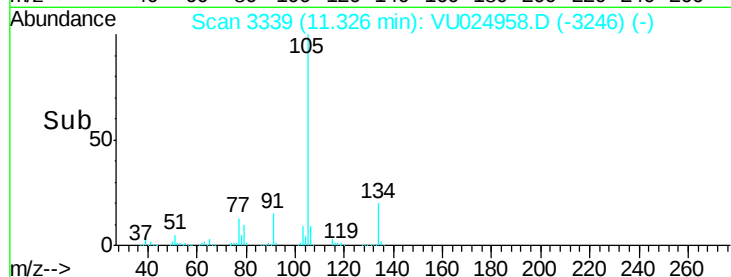
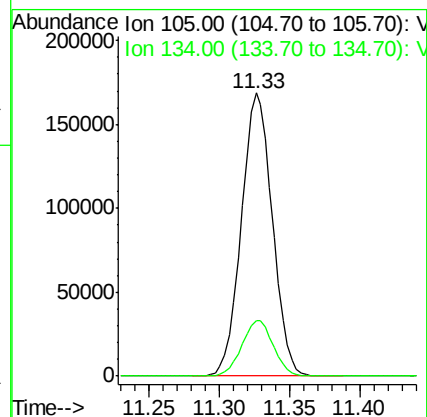
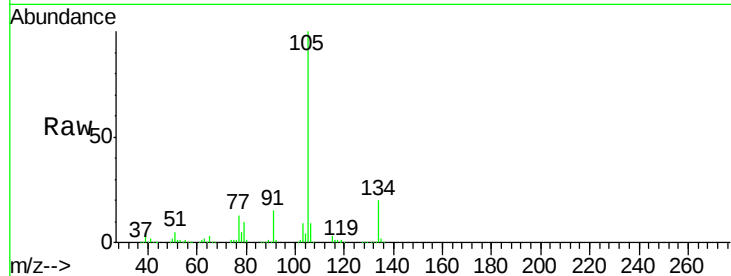
Ion Ratio Lower Upper

105 100

134 19.9 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 20.97 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

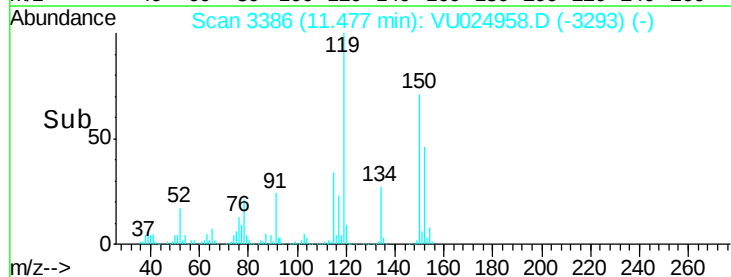
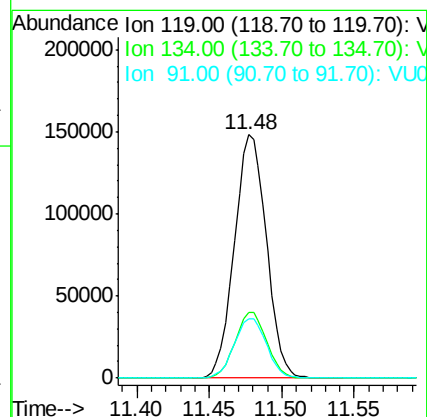
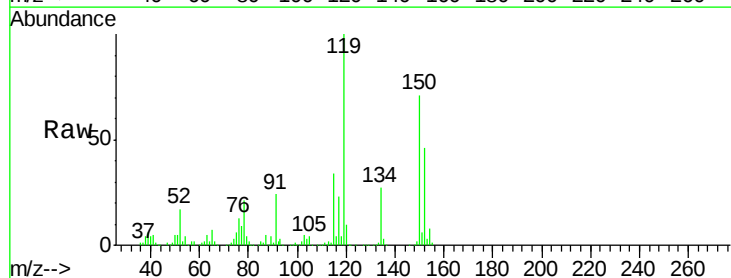
Tgt Ion:119 Resp: 226284

Ion Ratio Lower Upper

119 100

134 26.8 12.9 38.6

91 24.8 12.0 36.1





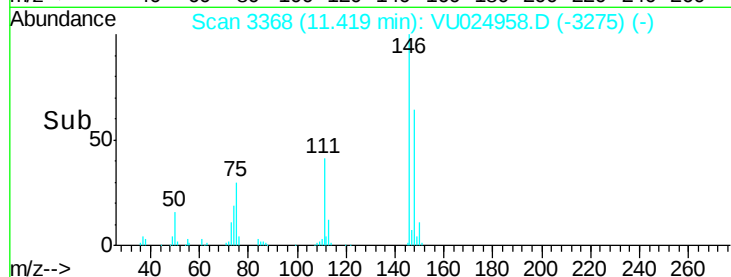
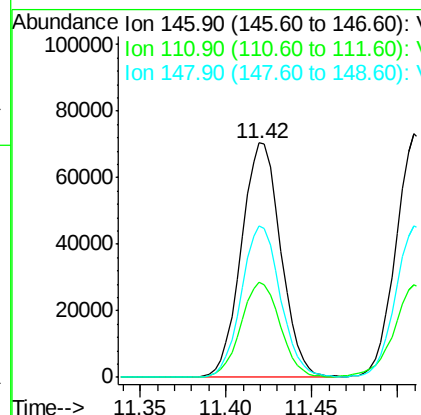
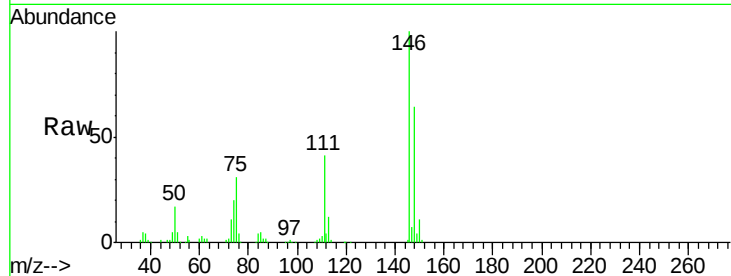
#87
 1,3-Dichlorobenzene
 Concen: 20.89 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.0	60.0
148	63.6	32.1	96.5

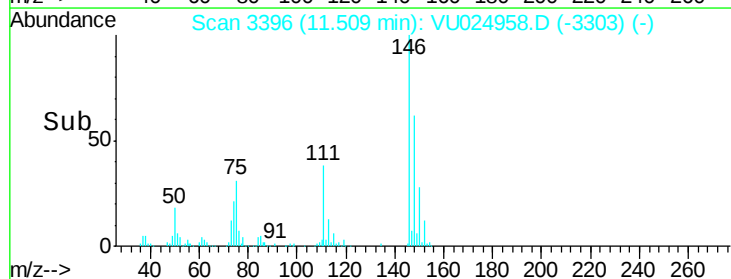
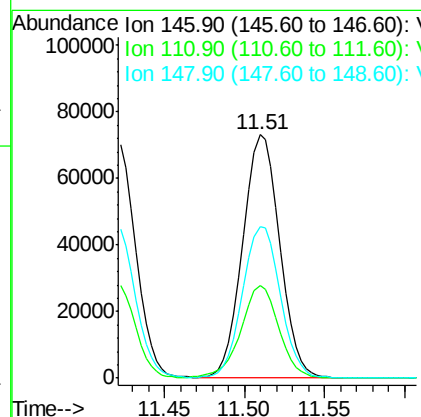
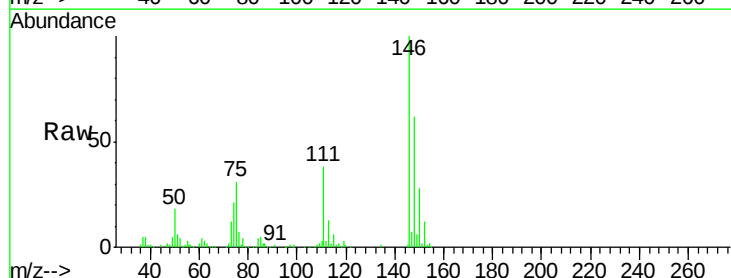
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#88
 1,4-Dichlorobenzene
 Concen: 21.09 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.5	58.5
148	63.7	32.4	97.0





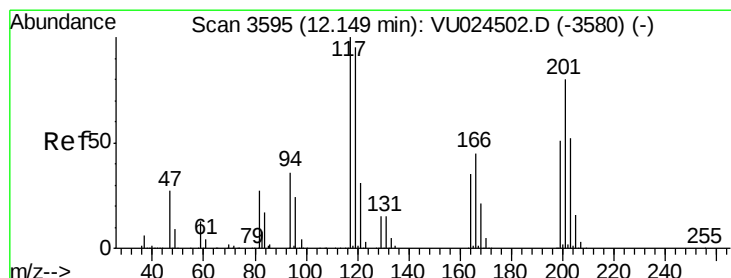
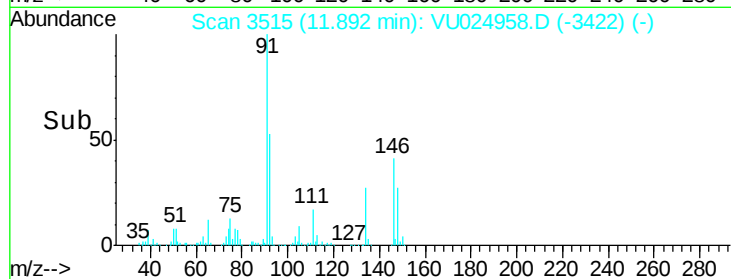
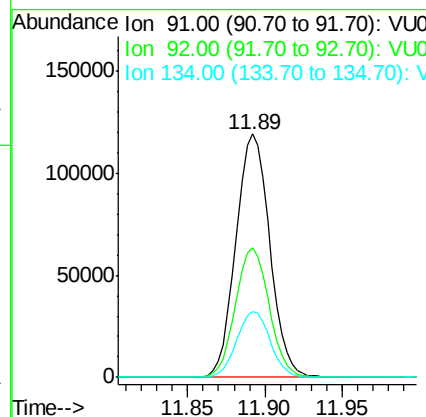
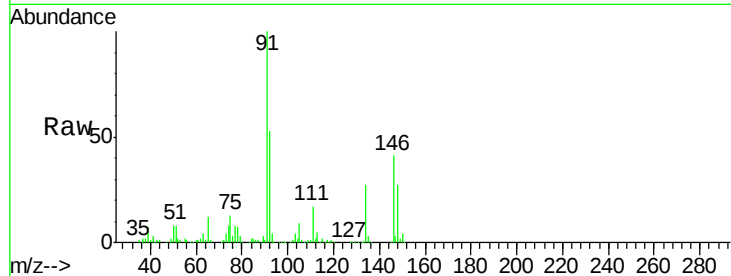
#89
n-Butylbenzene
Concen: 18.88 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	25.6	76.8
134	26.8	12.3	36.8

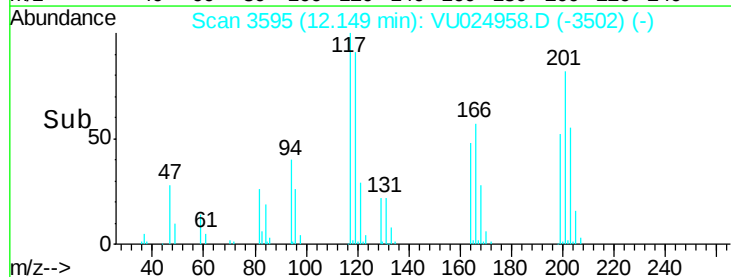
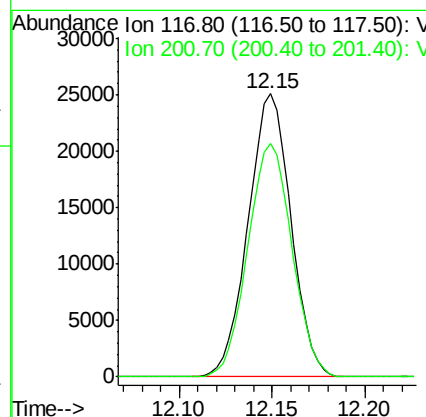
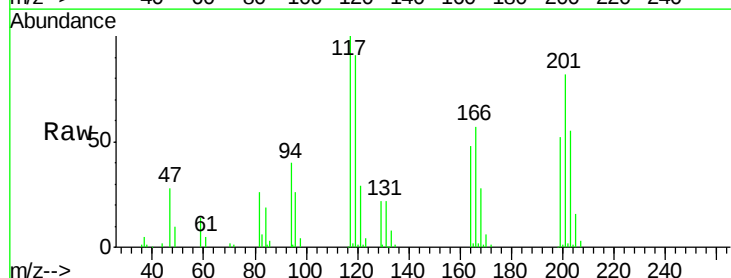
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#90
Hexachloroethane
Concen: 19.23 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.9	41.1	123.3





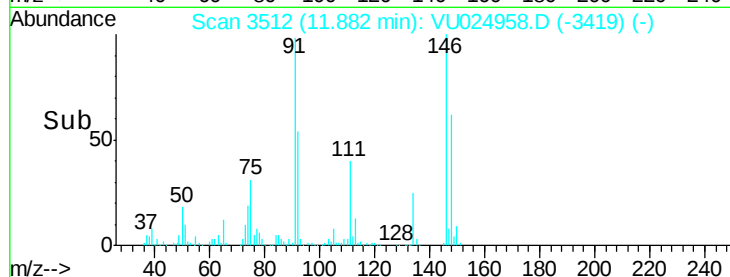
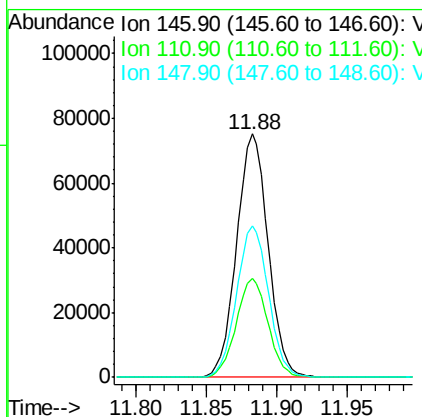
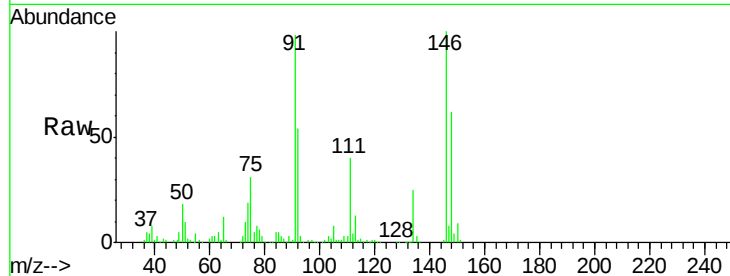
#91
 1,2-Dichlorobenzene
 Concen: 21.81 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.5	61.6
148	63.1	31.9	95.7

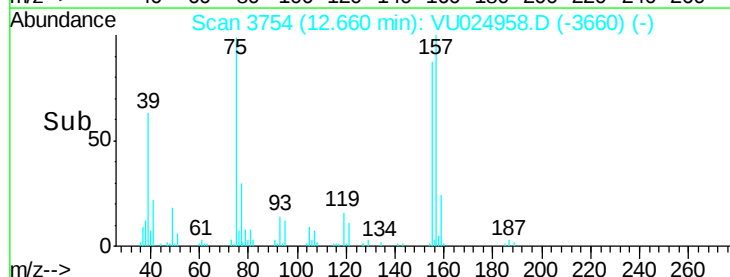
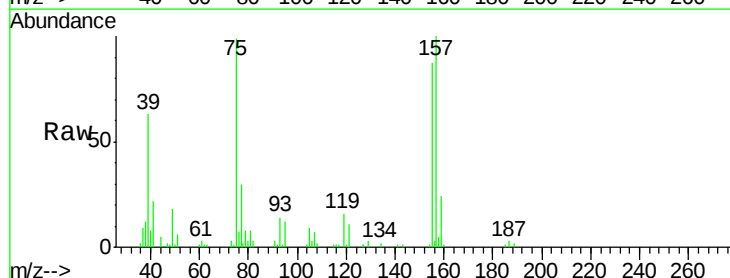
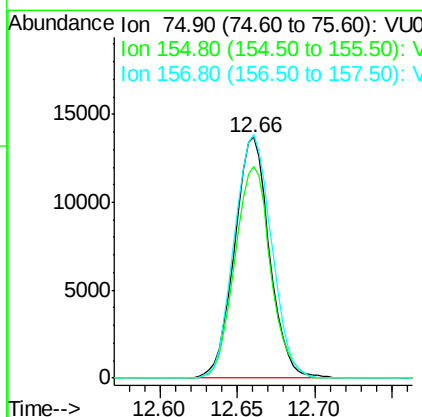
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.15 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024958.D
 Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.8	40.4	121.2
157	107.3	52.3	156.8





#93

1,2,4-Trichlorobenzene

Concen: 22.35 ug/l

RT: 13.51 min Scan# 4017

Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Instrument :

MSVOA_U

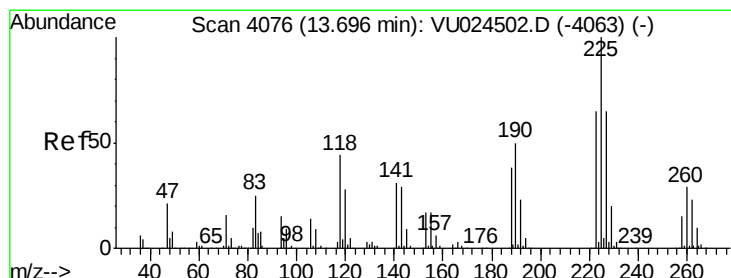
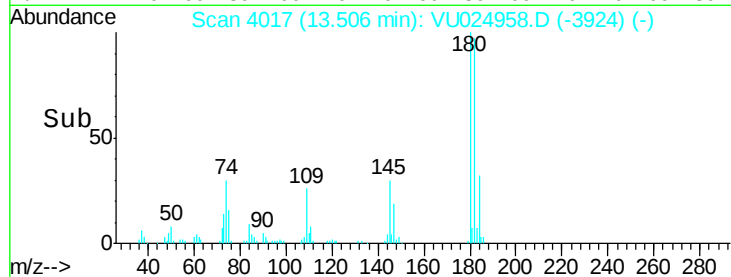
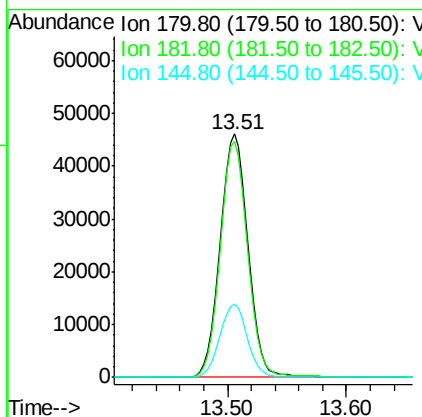
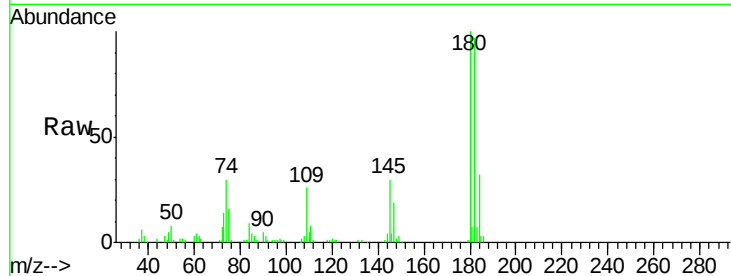
ClientSampleId :

VU0627WBS02

Tot Ion:	180	Resp:	74655
Ion Ratio	Lower	Upper	
180	100		
182	95.3	48.0	144.2
145	29.8	14.7	44.1

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#94

Hexachlorobutadiene

Concen: 21.81 ug/l

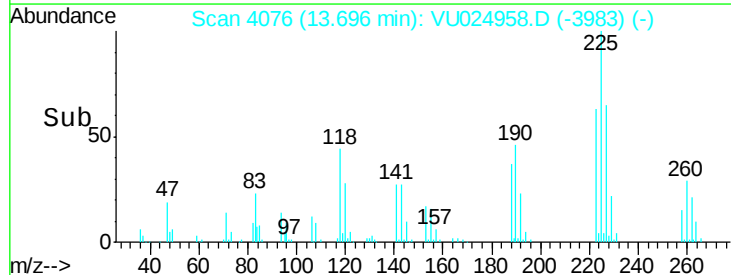
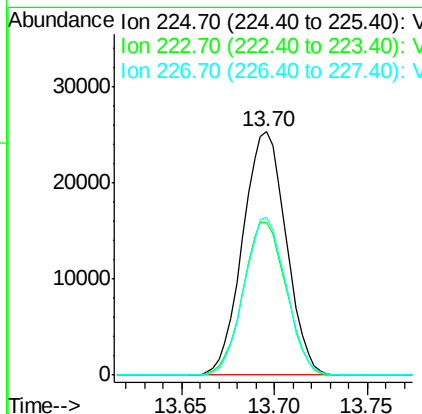
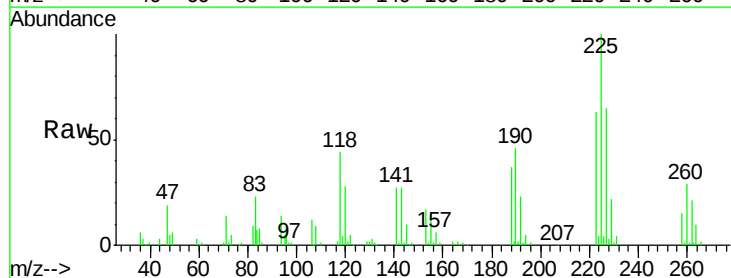
RT: 13.70 min Scan# 4076

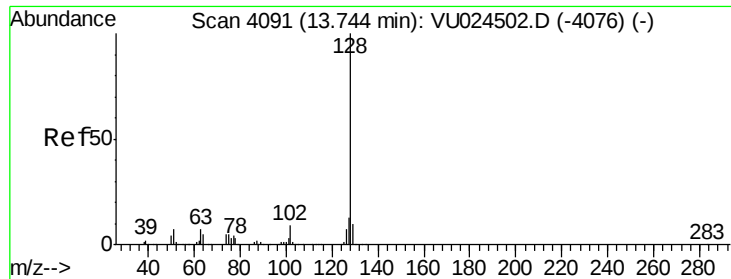
Delta R.T. 0.00 min

Lab File: VU024958.D

Acq: 27 Jun 2018 11:42

Tgt Ion:	225	Resp:	41006
Ion Ratio	Lower	Upper	
225	100		
223	62.3	31.3	93.8
227	62.5	31.8	95.4





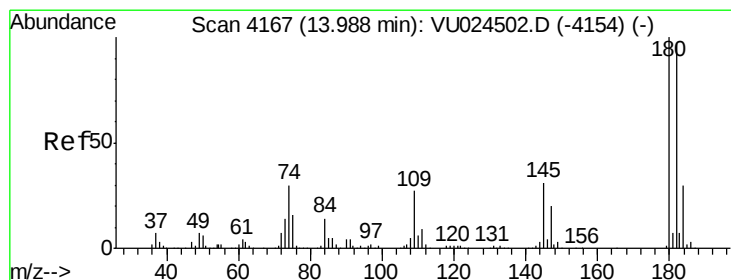
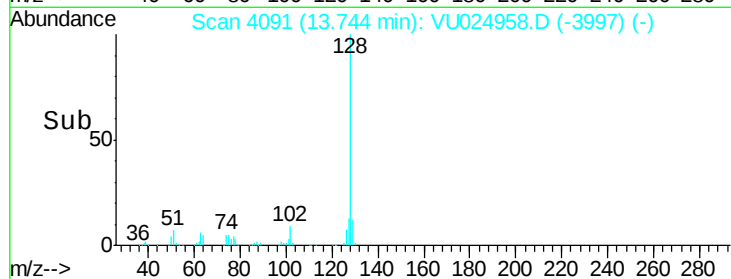
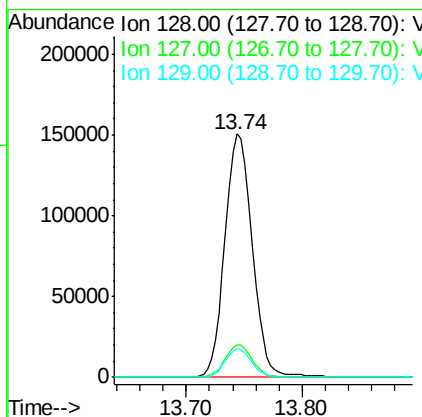
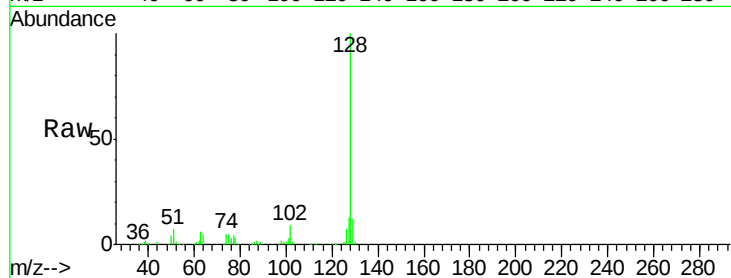
#95
Naphthalene
Concen: 22.66 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Instrument :
MSVOA_U
ClientSampleId :
VU0627WBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	246429		
127	13.3		10.6	16.0
129	11.3		8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 24.35 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. 0.00 min
Lab File: VU024958.D
Acq: 27 Jun 2018 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	81023		
182	93.2		47.9	143.7
145	31.7		15.4	46.1

