

Data File : VU025308.D
Acq On : 11 Jul 2018 12:38
Operator : MD/SY
Sample : VU0711WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Manual Integrations
APPROVED

MMDadoda
7/12/2018 11:04:15 AM

Quant Time: Jul 12 03:30:05 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	150472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	218440	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	203730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	113832	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	100953	43.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.36%	
35) Dibromofluoromethane	4.89	113	81626	44.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.60%	
50) Toluene-d8	7.57	98	263381	41.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.48%	
62) 4-Bromofluorobenzene	10.31	95	107037	42.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	27242	17.494	ug/l	96
3) Chloromethane	1.33	50	26996	17.767	ug/l	98
4) Vinyl Chloride	1.40	62	28908	16.893	ug/l	98
5) Bromomethane	1.62	94	18850	18.177	ug/l	98
6) Chloroethane	1.70	64	20066	18.622	ug/l	94
7) Trichlorofluoromethane	1.89	101	46991	17.473	ug/l	99
8) Diethyl Ether	2.10	74	18459	18.290	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	30682	18.410	ug/l	99
10) Methyl Iodide	2.41	142	25796	19.403	ug/l	99
11) Tert butyl alcohol	2.82	59	41513	81.400	ug/l	99
12) 1,1-Dichloroethene	2.28	96	26691	17.499	ug/l	97
13) Acrolein	2.19	56	17213	51.019	ug/l	96
14) Allyl chloride	2.59	41	46823	16.927	ug/l	96
15) Acrylonitrile	2.93	53	90465	86.280	ug/l	99
16) Acetone	2.32	43	111849	96.802	ug/l	100
17) Carbon Disulfide	2.48	76	67255	16.437	ug/l	99
18) Methyl Acetate	2.62	43	43163	18.033	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	106005	18.271	ug/l	99
20) Methylene Chloride	2.70	84	40317	22.676	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	28995	16.635	ug/l	96
22) Diisopropyl ether	3.57	45	101157	17.907	ug/l	98
23) Vinyl Acetate	3.53	43	437163	88.215	ug/l	99
24) 1,1-Dichloroethane	3.45	63	57978	18.198	ug/l	99
25) 2-Butanone	4.26	43	138247	85.319	ug/l	97
26) 2,2-Dichloropropane	4.23	77	53787	17.558	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	35013	17.361	ug/l	98
28) Bromochloromethane	4.55	49	27382	17.798	ug/l	98
29) Tetrahydrofuran	4.63	42	82501	84.885	ug/l	98
30) Chloroform	4.68	83	62229	18.444	ug/l	98
31) Cyclohexane	5.00	56	52317	18.198	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	55574	18.175	ug/l	100
36) 1,1-Dichloropropene	5.14	75	41723	17.181	ug/l	97
37) Ethyl Acetate	4.38	43	49316	18.209	ug/l	99
38) Carbon Tetrachloride	5.14	117	47568	18.198	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	51801	17.101	ug/l	99
40) Benzene	5.39	78	126533	18.080	ug/l	98
41) Methacrylonitrile	4.54	41	27092	18.042	ug/l	99
42) 1,2-Dichloroethane	5.41	62	51230	18.416	ug/l	100
43) Isopropyl Acetate	5.55	43	78828	18.175	ug/l	99
44) Trichloroethene	6.19	130	34897	17.366	ug/l	99
45) 1,2-Dichloropropane	6.44	63	33520	18.287	ug/l	98
46) Dibromomethane	6.56	93	23943	17.949	ug/l	99
47) Bromodichloromethane	6.76	83	45303	18.282	ug/l	96
48) Methyl methacrylate	6.62	41	39879	18.444	ug/l	98
49) 1,4-Dioxane	6.61	88	17696	340.141	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	248299	88.084	ug/l	99
52) Toluene	7.64	92	79509	17.857	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	48473	17.804	ug/l	95
54) cis-1,3-Dichloropropene	7.27	75	49767	17.175	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	33509	18.071	ug/l	98
56) Ethyl methacrylate	8.02	69	51148	17.660	ug/l	100
57) 1,3-Dichloropropane	8.25	76	56749	18.435	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	91737	72.259	ug/l	100
59) 2-Hexanone	8.36	43	195345	85.434	ug/l	100
60) Dibromochloromethane	8.48	129	35473	17.713	ug/l	99
61) 1,2-Dibromoethane	8.59	107	35702	17.994	ug/l	99
64) Tetrachloroethene	8.23	164	33364	17.966	ug/l	99
65) Chlorobenzene	9.12	112	91354	17.950	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	33722	18.523	ug/l	98
67) Ethyl Benzene	9.25	91	155958	17.975	ug/l	98
68) m/p-Xylenes	9.38	106	119968	35.764	ug/l	99
69) o-Xylene	9.78	106	60466	18.005	ug/l	97
70) Styrene	9.80	104	95122	17.831	ug/l	100
71) Bromoform	9.96	173	26745	18.394	ug/l #	100
73) Isopropylbenzene	10.17	105	163021	18.744	ug/l	98
74) N-amyl acetate	10.01	43	66184	19.388	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	53313	18.736	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	45112m	19.747	ug/l	
77) Bromobenzene	10.45	156	40620	18.256	ug/l	96
78) n-propylbenzene	10.59	91	179017	18.549	ug/l	100
79) 2-Chlorotoluene	10.66	91	109522	19.851	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	136963	18.715	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	15162m	16.719	ug/l	
82) 4-Chlorotoluene	10.78	91	125511	18.366	ug/l	100
83) tert-Butylbenzene	11.10	119	138085	18.672	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	136383	18.183	ug/l	99
85) sec-Butylbenzene	11.33	105	164175	18.854	ug/l	99
86) p-Isopropyltoluene	11.48	119	143072	18.556	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	71063	17.475	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	73817	19.519	ug/l	99
89) n-Butylbenzene	11.89	91	111889	17.653	ug/l	99
90) Hexachloroethane	12.15	117	23432	17.948	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	75312	18.338	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	12699	18.401	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071118\
Quantitation Report (QT Reviewed)

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Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	41724	17.459	ug/l	95
94) Hexachlorobutadiene	13.70	225	25630	17.450	ug/l	97
95) Naphthalene	13.75	128	141787	18.559	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	46628	18.385	ug/l	98

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

Data File : VU025308.D

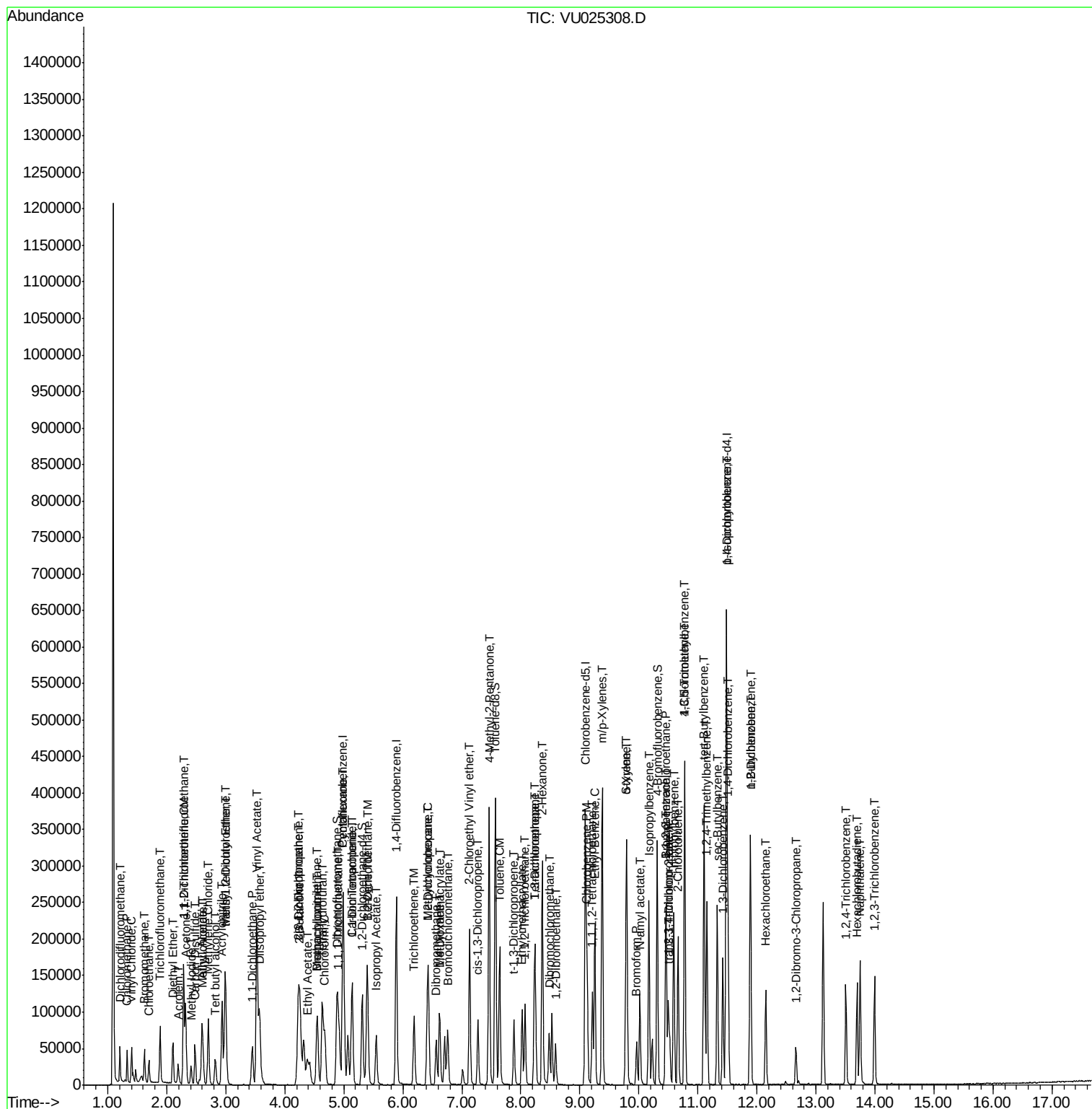
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Acq On       : 11 Jul 2018   12:38
Operator     : MD/SY
Sample       : VU0711WBS01
Misc         : 5.0mL/MSVOA_U/WATER
ALS Vial     : 4      Sample Multiplier: 1
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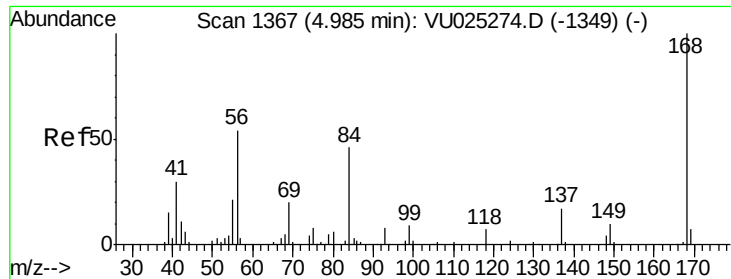
Instrument :
MSVOA_U
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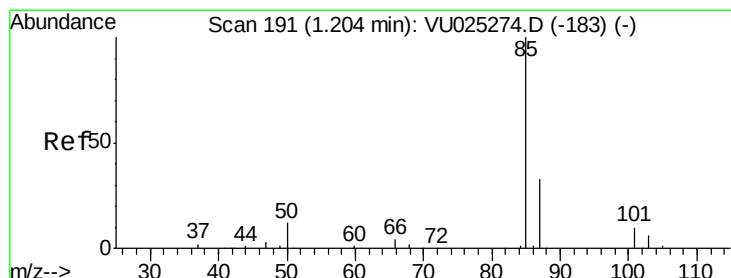
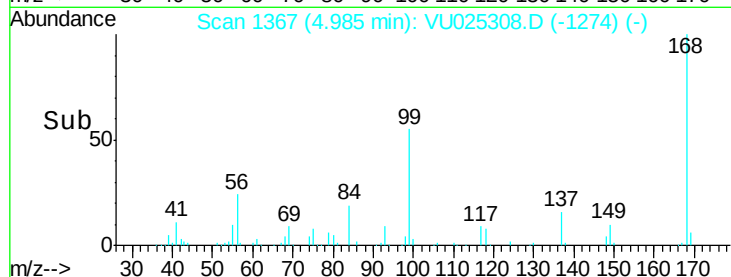
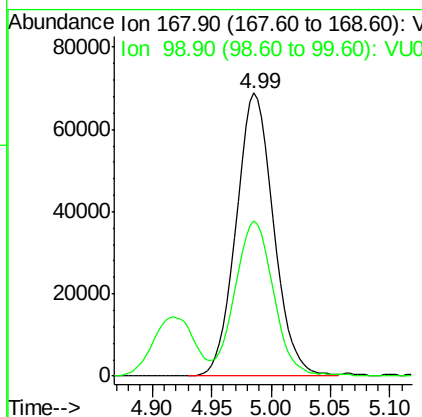
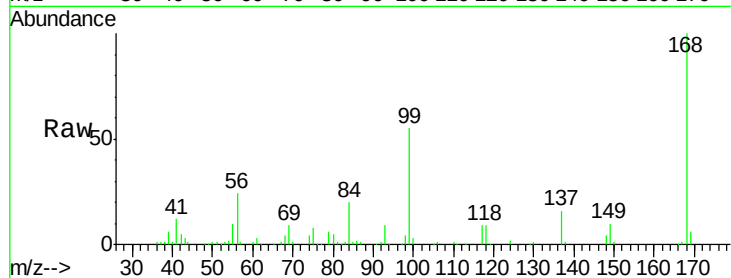
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VU025308.D
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VU0711WBS01

Tgt Ion	Ratio	Lower	Upper
168	100		
99	54.2	42.8	64.2

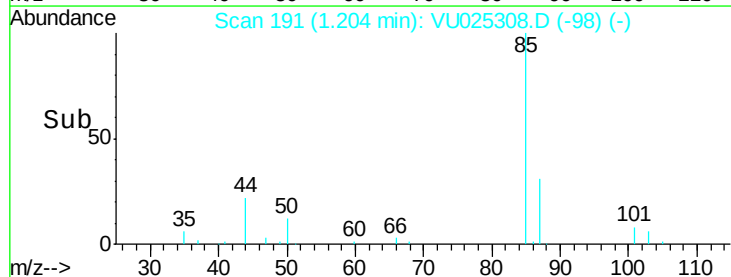
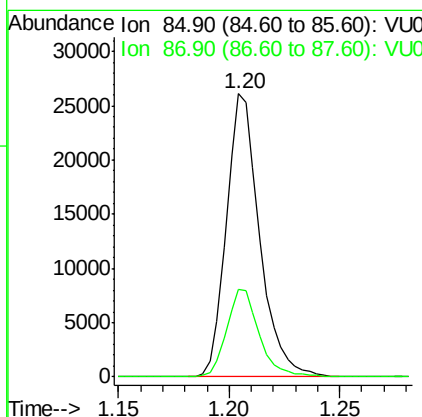
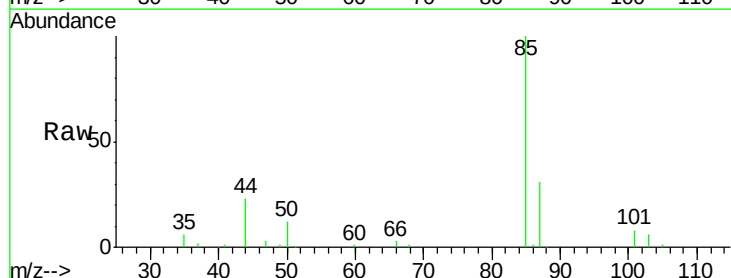
Manual Integrations
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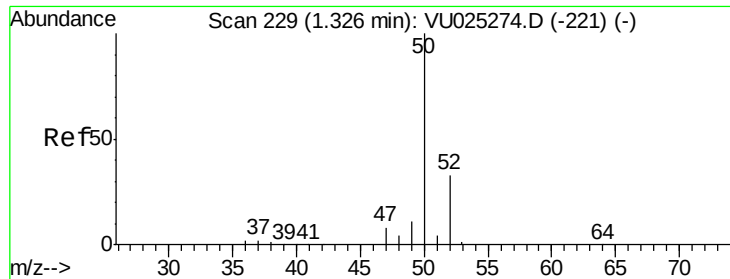
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#2
Dichlorodifluoromethane
Concen: 17.494 ug/l
RT: 1.20 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.0	16.5	49.5





#3

Chloromethane

Concen: 17.767 ug/l

RT: 1.33 min Scan# 229

Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS01

Tgt Ion: 50 Resp: 26996

Ion Ratio Lower Upper

50 100

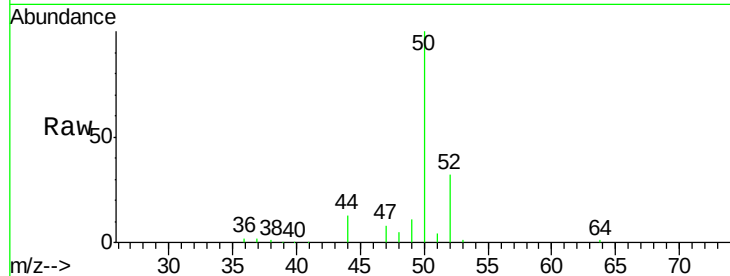
52 32.0 26.5 39.7

Manual Integrations

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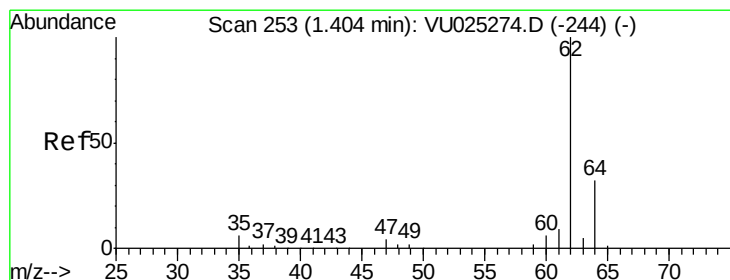
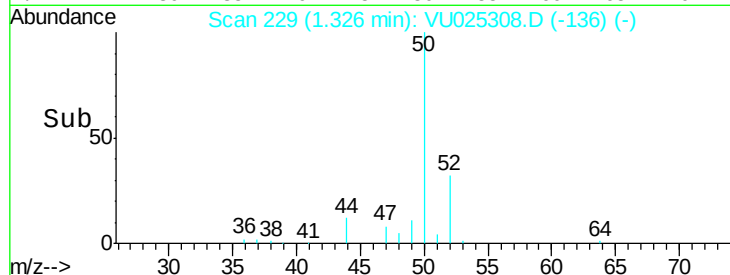
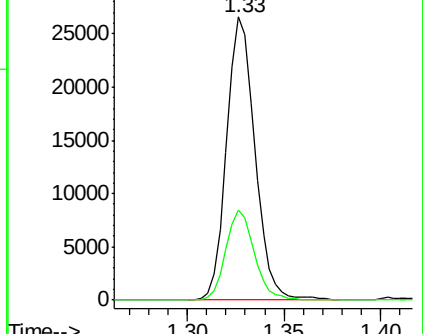
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 16.893 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025308.D

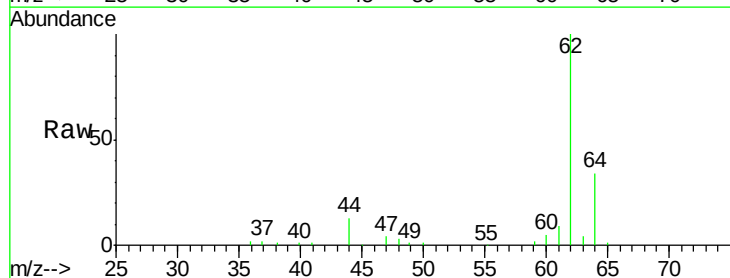
Acq: 11 Jul 2018 12:38

Tgt Ion: 62 Resp: 28908

Ion Ratio Lower Upper

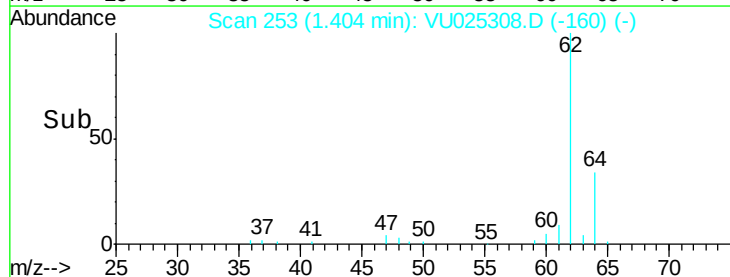
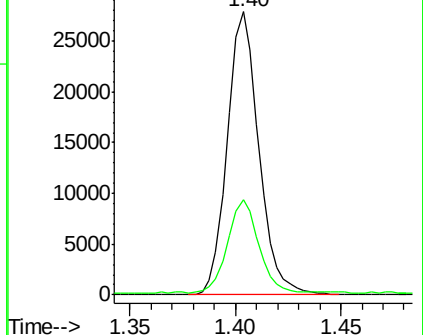
62 100

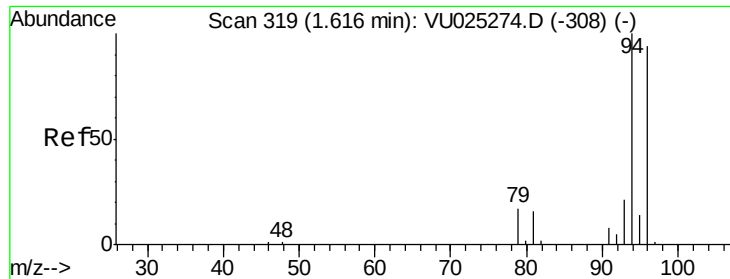
64 32.8 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 18.177 ug/l

RT: 1.62 min Scan# 321

Delta R.T. 0.01 min

Lab File: VU025308.D

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Instrument :

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ClientSampleId :

VU0711WBS01

Tgt Ion: 94 Resp: 18850

Ion Ratio Lower Upper

94 100

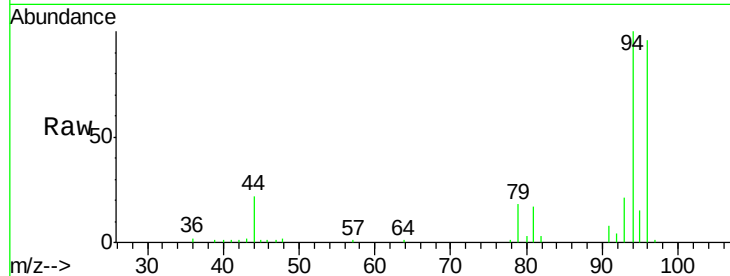
96 95.8 75.0 112.4

Manual Integrations

APPROVED

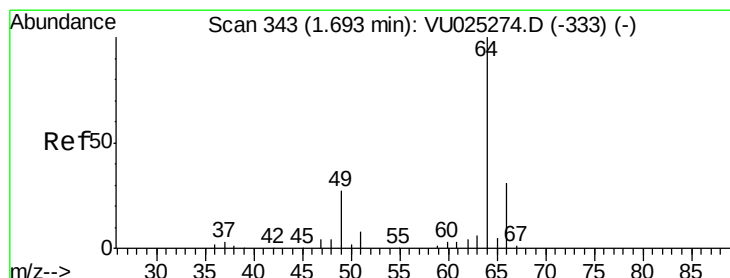
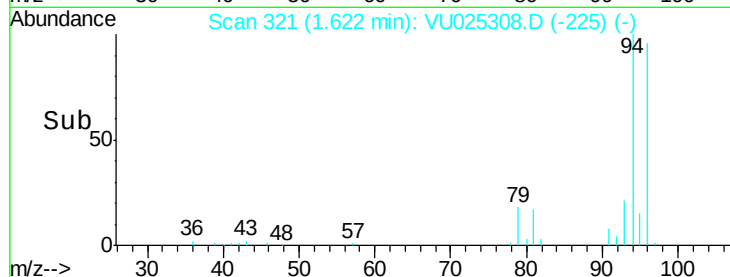
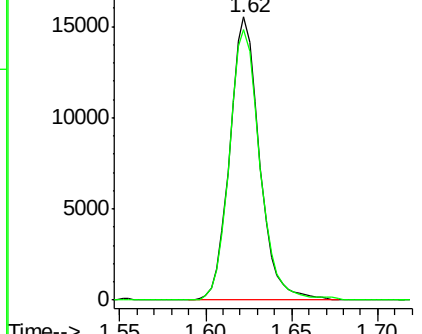
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 18.622 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU025308.D

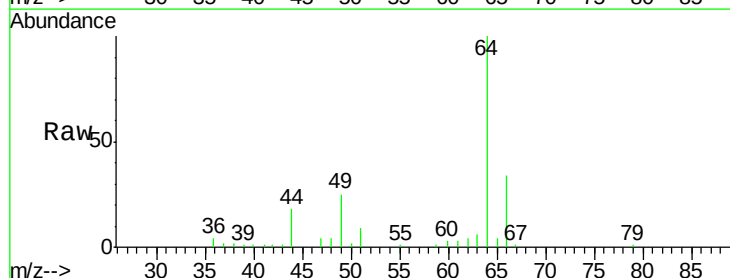
Acq: 11 Jul 2018 12:38

Tgt Ion: 64 Resp: 20066

Ion Ratio Lower Upper

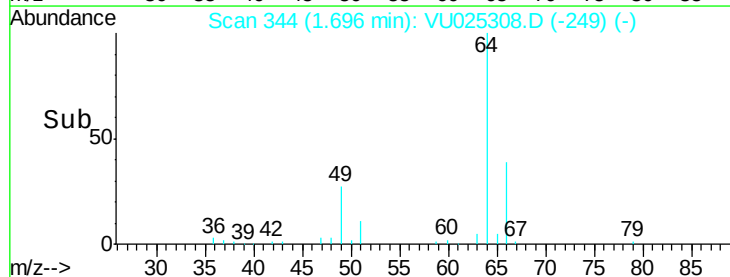
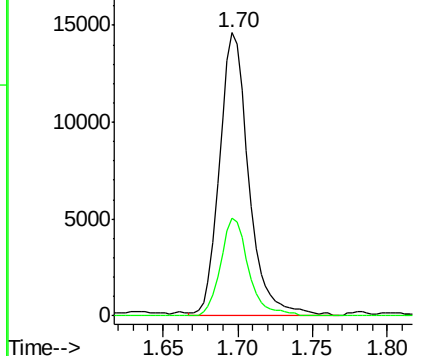
64 100

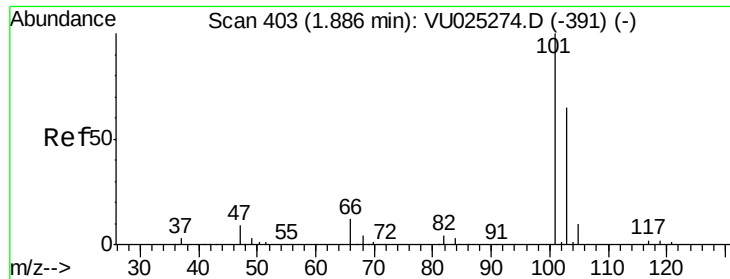
66 34.3 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

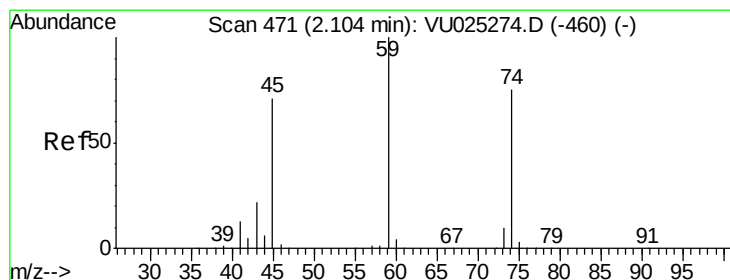
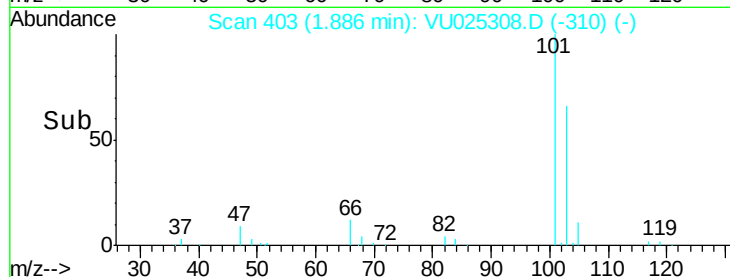
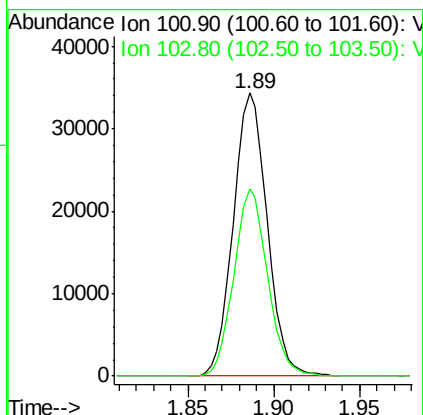
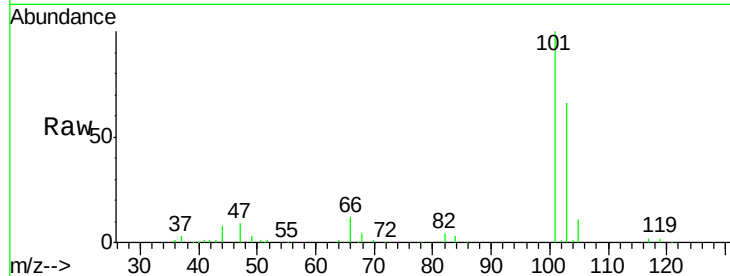
Trichlorofluoromethane
 Concen: 17.473 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU025308.D
 Acq: 11 Jul 2018 12:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	46991		
103	66.2	52.2	78.2	

Manual Integrations
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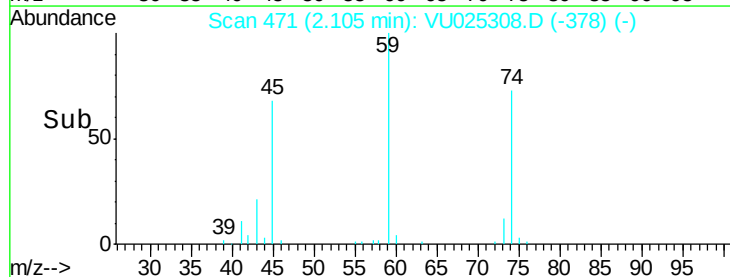
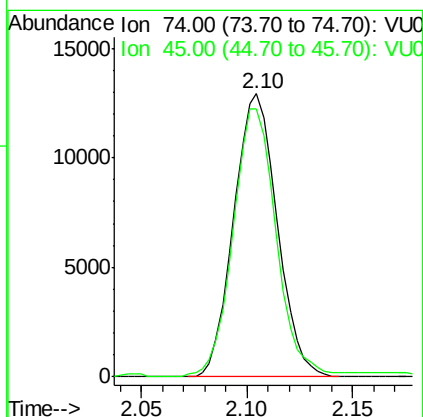
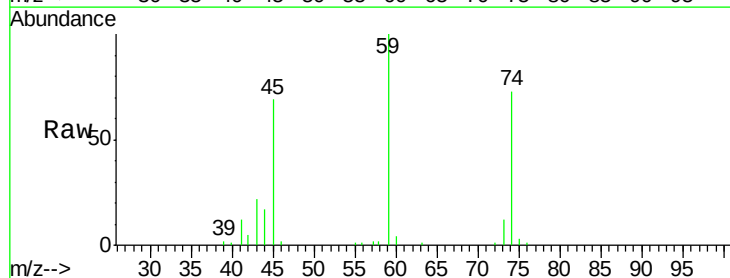
MMDadoda
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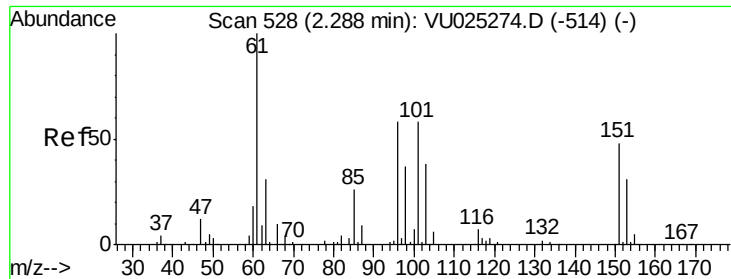


#8

Diethyl Ether
 Concen: 18.290 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025308.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	18459		
45	94.5	48.3	144.9	





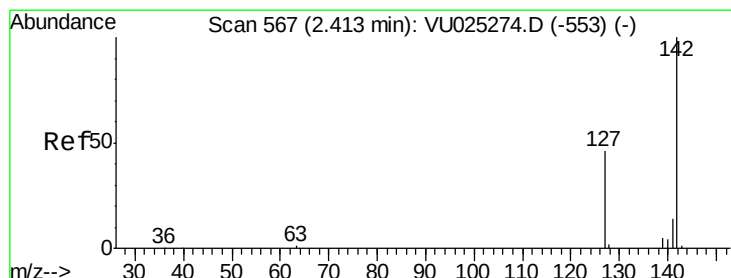
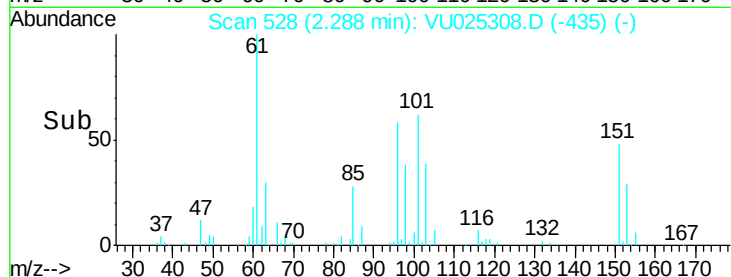
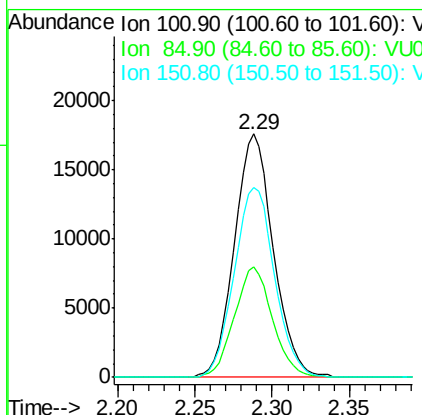
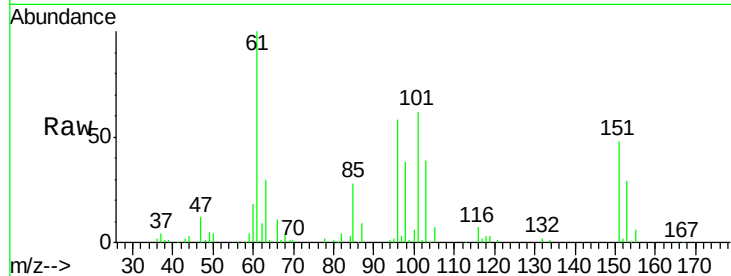
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.410 ug/l
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
101	100		
85	44.5	36.0	54.0
151	81.1	65.6	98.4

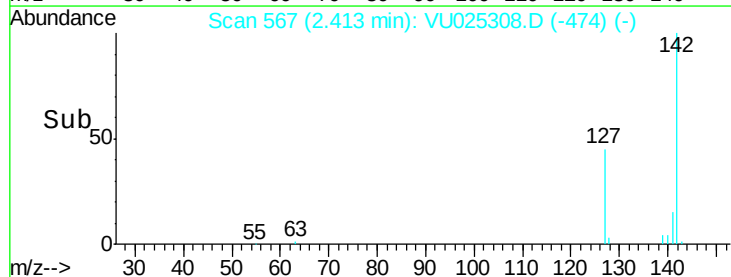
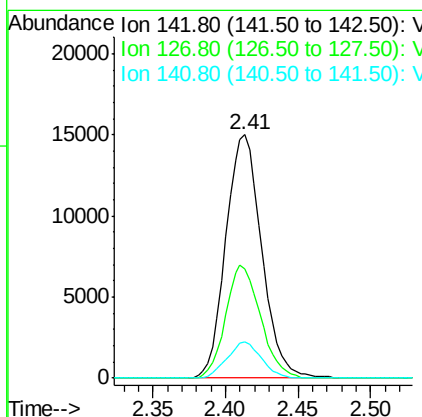
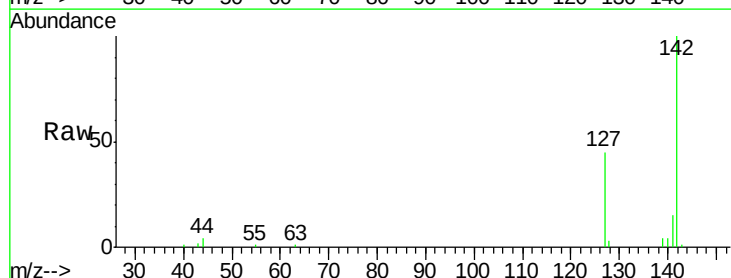
Manual Integrations
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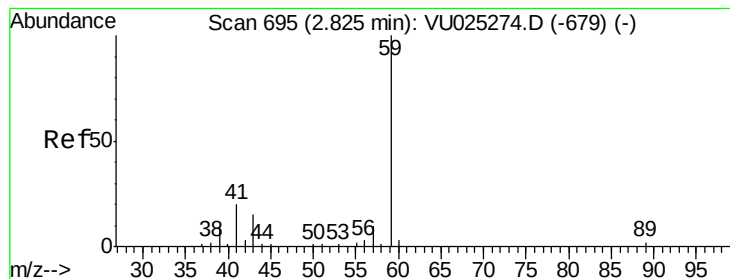
MMDadoda
7/12/2018 11:04:15 AM



#10
Methyl Iodide
Concen: 19.403 ug/l
RT: 2.41 min Scan# 567
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
127	44.8	36.5	54.7
141	14.1	11.4	17.2





#11

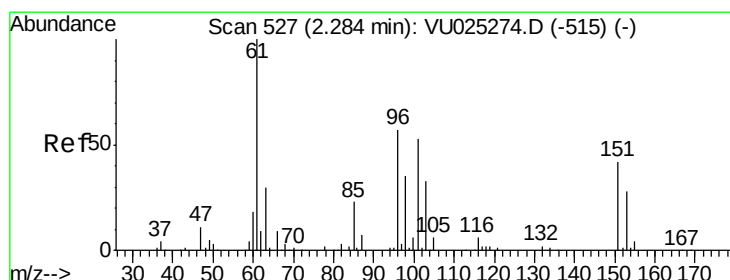
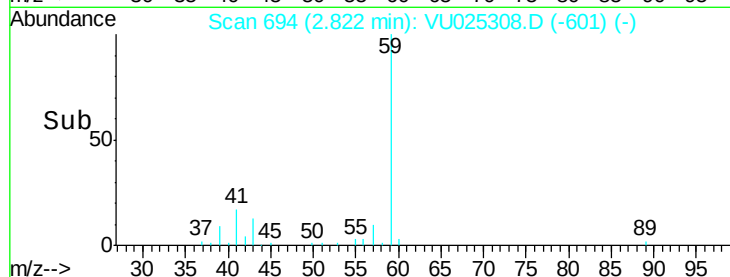
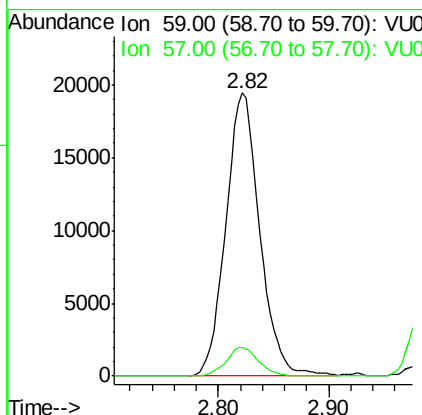
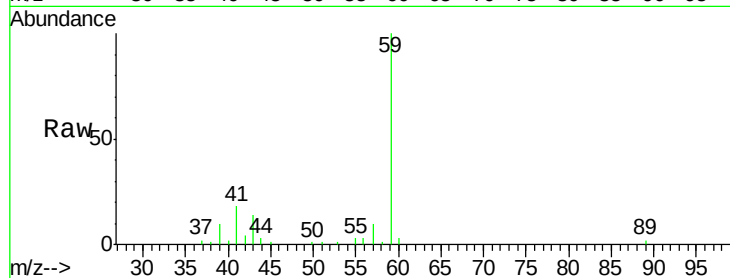
Tert butyl alcohol
Concen: 81.400 ug/l
RT: 2.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	41513		
57	9.8		8.2	12.2

Manual Integrations
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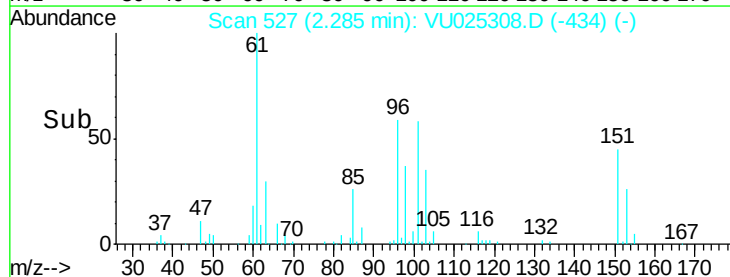
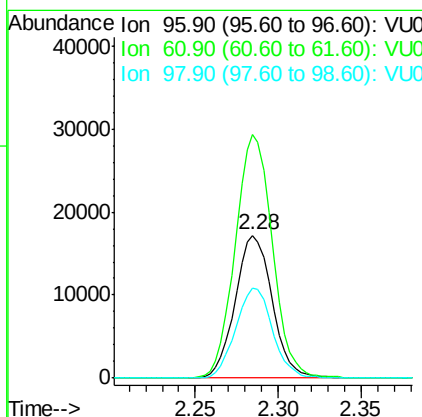
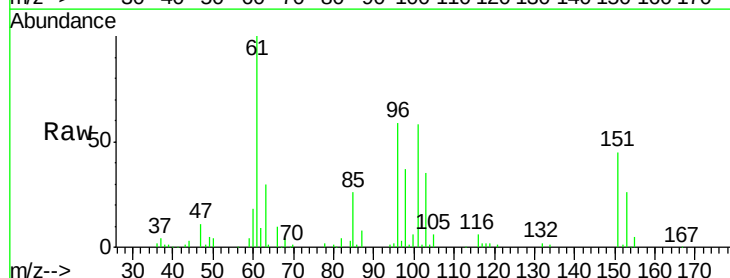
MMDadoda
7/12/2018 11:04:15 AM

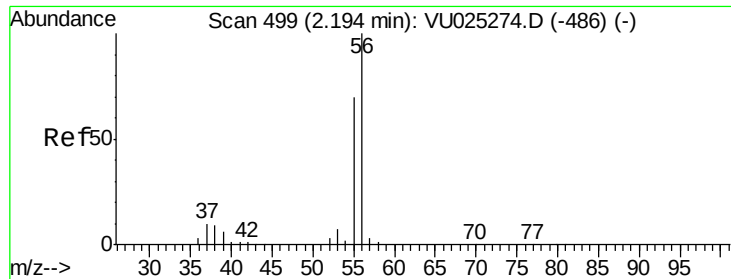


#12

1,1-Dichloroethene
Concen: 17.499 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	26691		
61	170.5		140.2	210.4
98	63.0		49.3	73.9





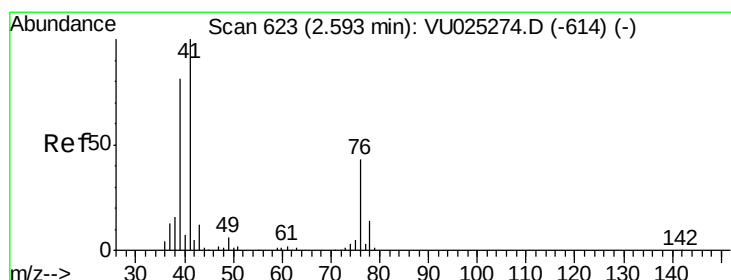
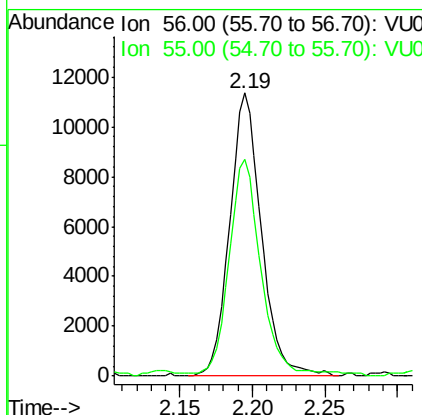
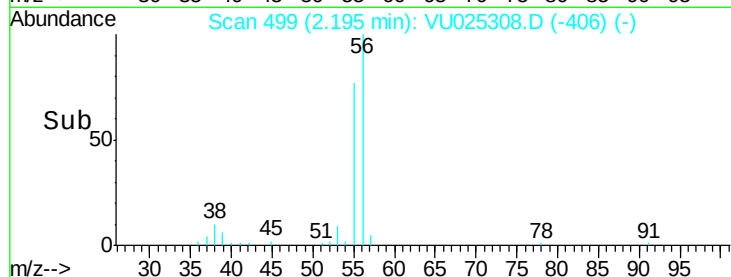
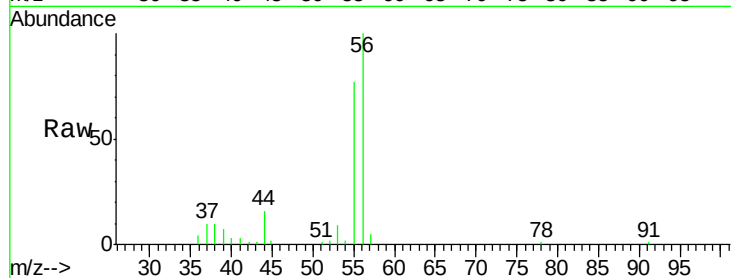
#13
Acrolein
Concen: 51.019 ug/l
RT: 2.19 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion: 56 Resp: 17213
Ion Ratio Lower Upper
56 100
55 74.8 57.2 85.8

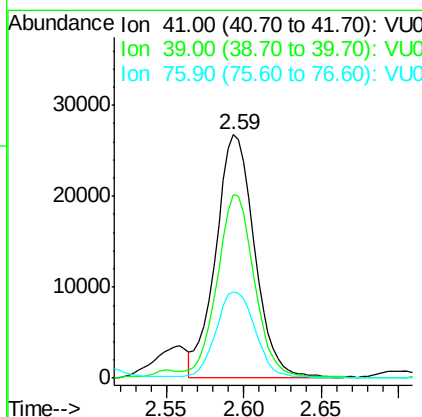
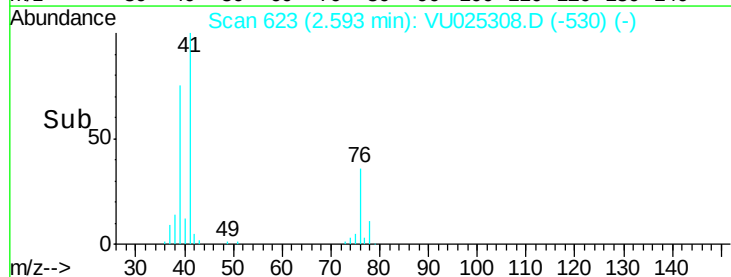
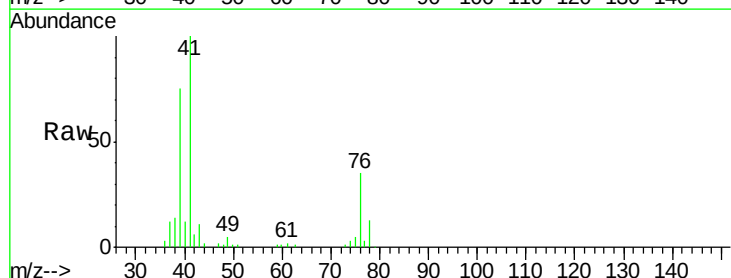
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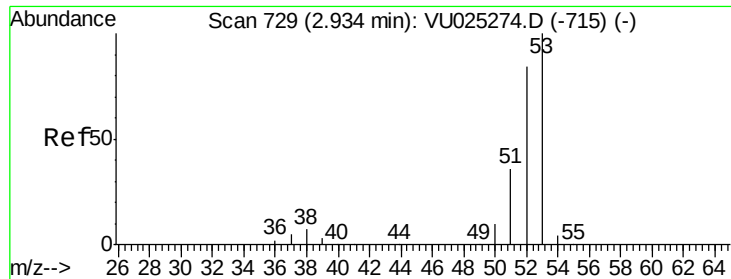
MMDadoda
7/12/2018 11:04:15 AM



#14
Allyl chloride
Concen: 16.927 ug/l
RT: 2.59 min Scan# 623
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion: 41 Resp: 46823
Ion Ratio Lower Upper
41 100
39 71.6 60.6 91.0
76 35.9 30.5 45.7





#15

Acrylonitrile

Concen: 86.280 ug/l

RT: 2.93 min Scan# 729

Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

Instrument :

MSVOA_U

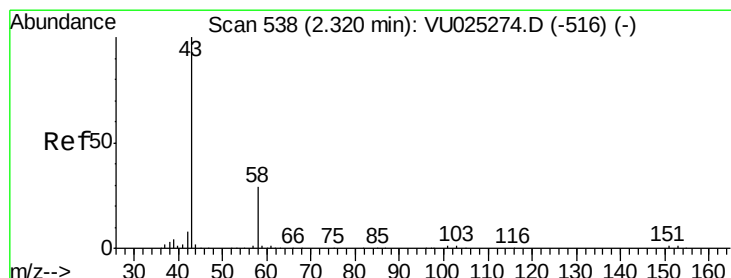
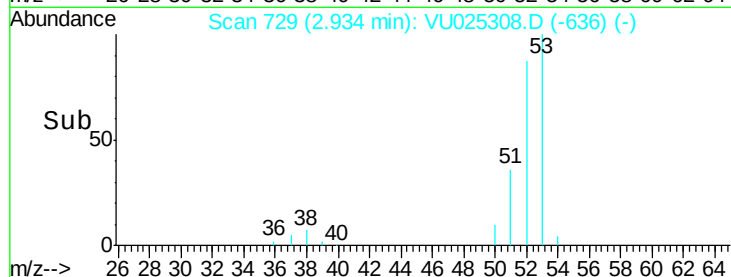
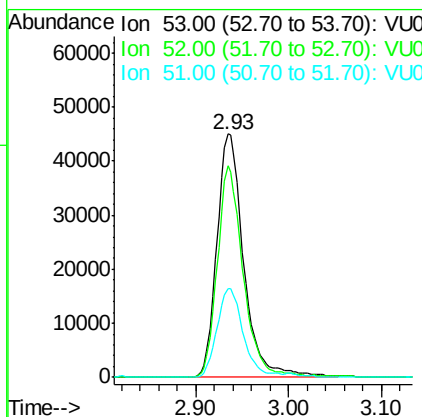
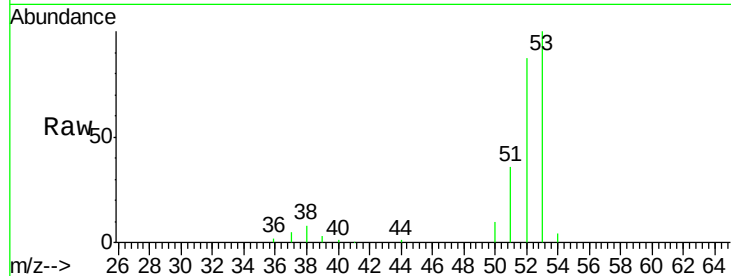
ClientSampleId :

VU0711WBS01

Tgt Ion:	53	Resp:	90465
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.6	99.8
51	35.6	29.4	44.2

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#16

Acetone

Concen: 96.802 ug/l

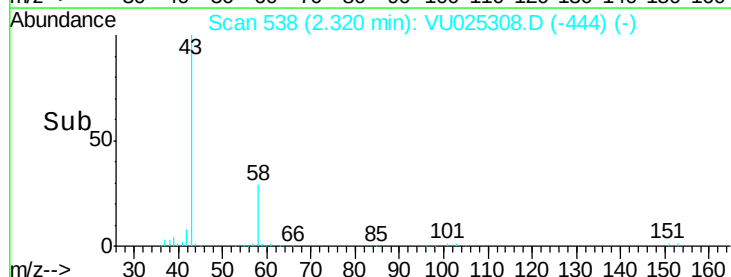
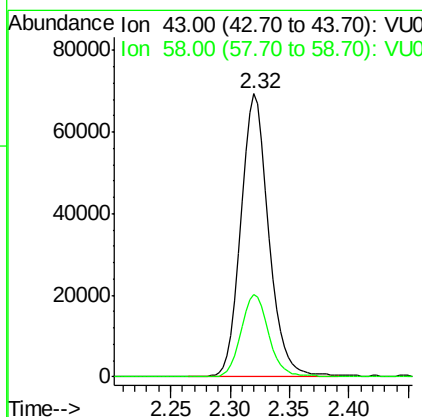
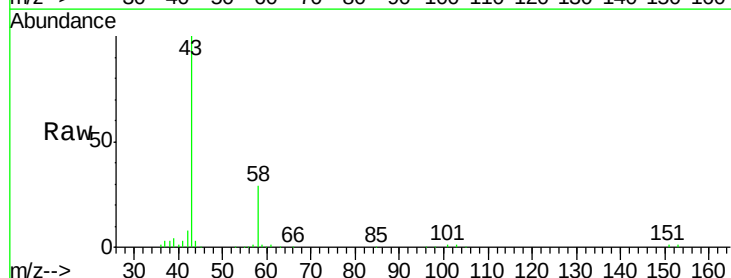
RT: 2.32 min Scan# 538

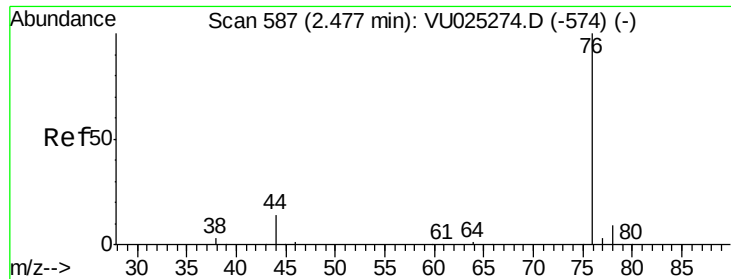
Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

Tgt Ion:	43	Resp:	111849
Ion Ratio	Lower	Upper	
43	100		
58	29.0	23.1	34.7





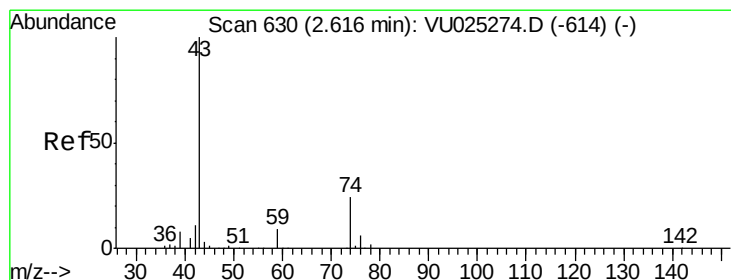
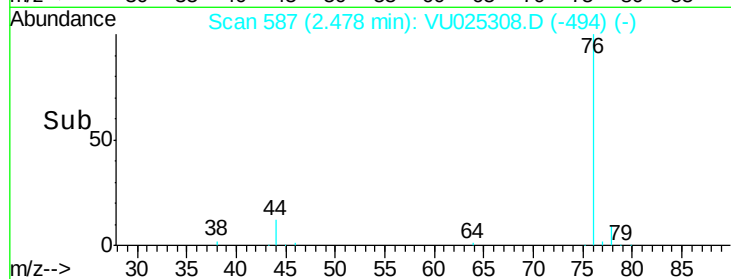
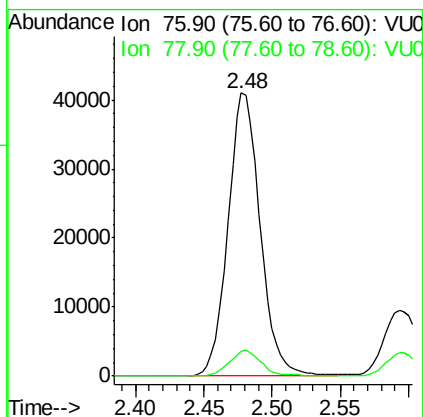
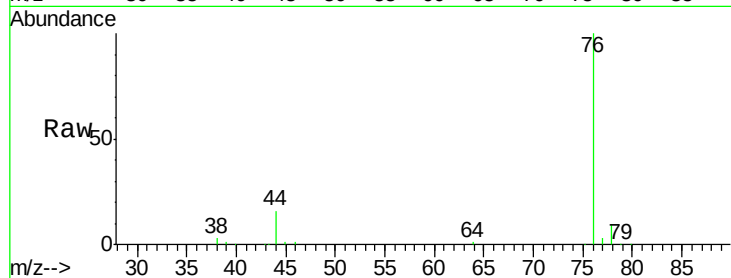
#17
Carbon Disulfide
Concen: 16.437 ug/l
RT: 2.48 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion: 76 Resp: 67255
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

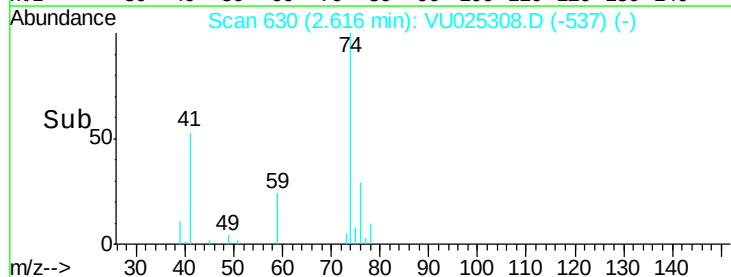
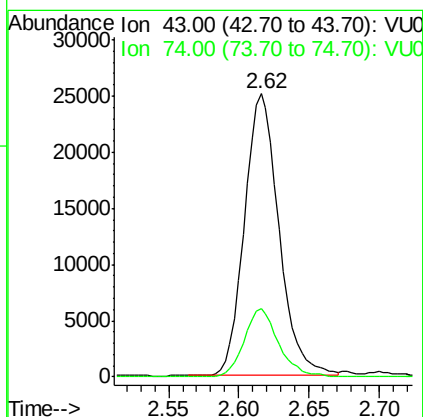
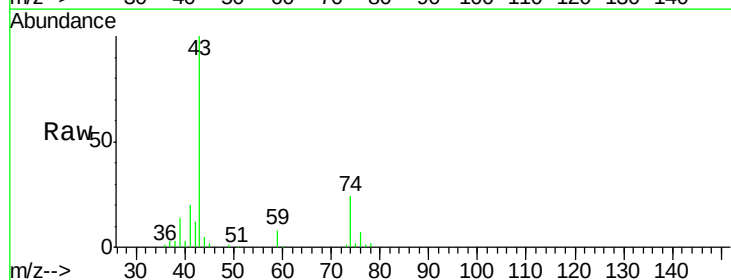
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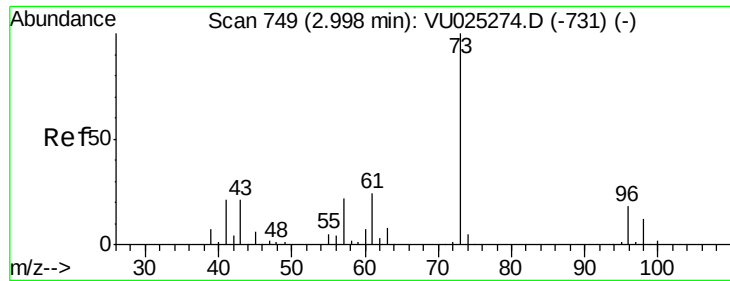
MMDadoda
7/12/2018 11:04:15 AM



#18
Methyl Acetate
Concen: 18.033 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion: 43 Resp: 43163
Ion Ratio Lower Upper
43 100
74 24.0 18.5 27.7





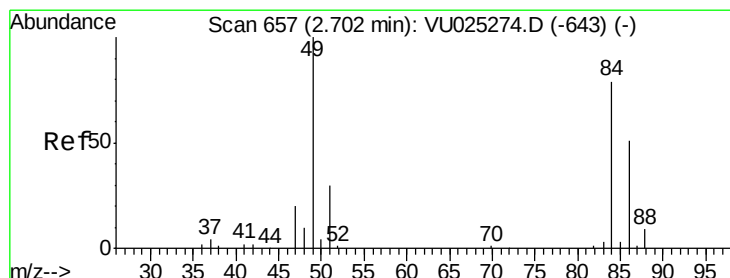
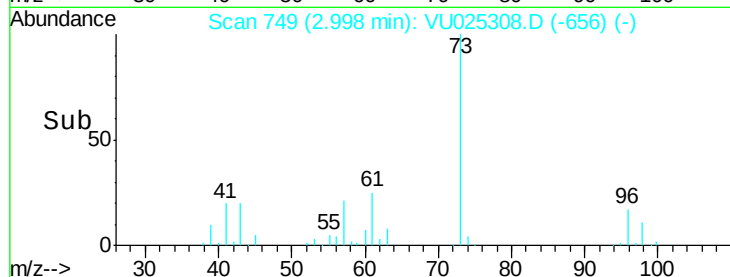
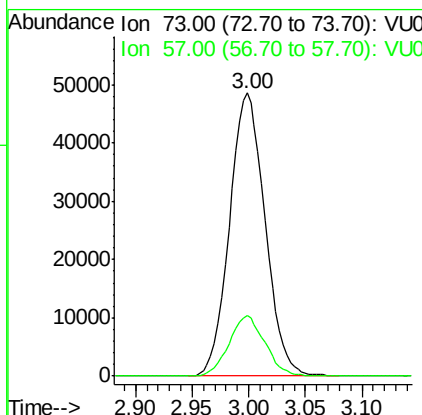
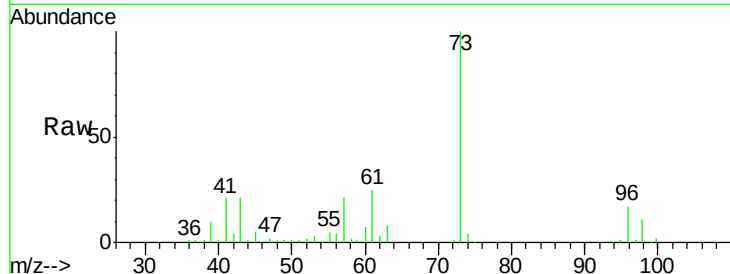
#19
Methyl tert-butyl Ether
Concen: 18.271 ug/l
RT: 3.00 min Scan# 749
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion: 73 Resp: 106005
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.2

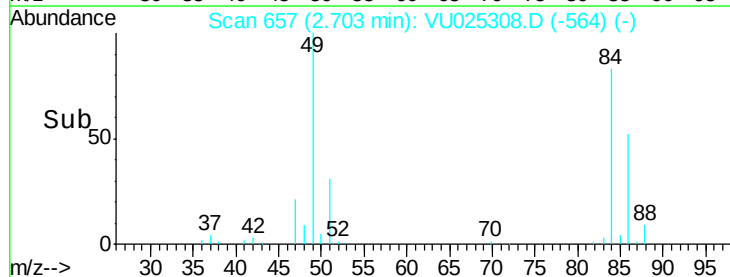
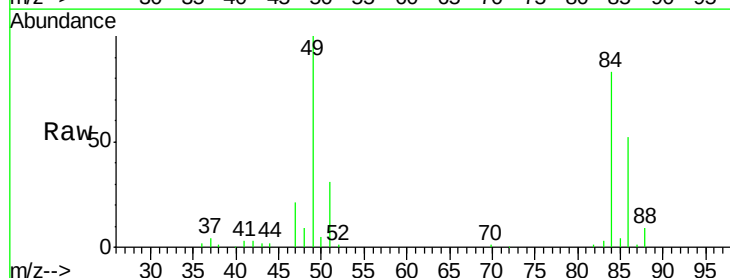
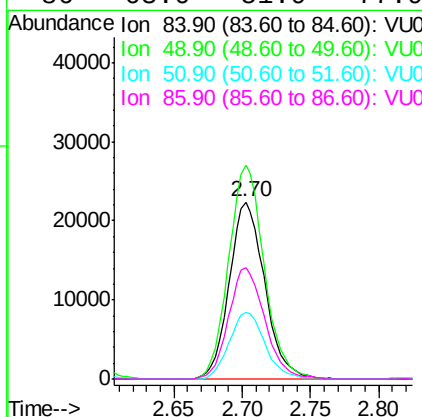
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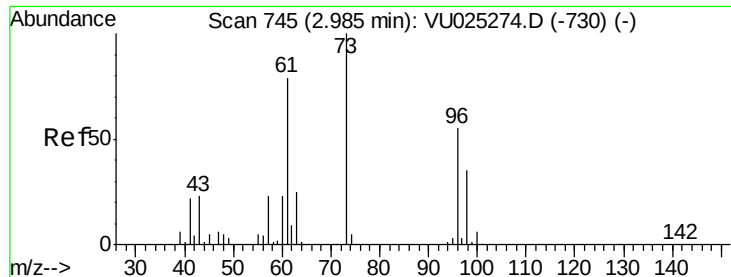
MMDadoda
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#20
Methylene Chloride
Concen: 22.676 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion: 84 Resp: 40317
Ion Ratio Lower Upper
84 100
49 120.9 101.8 152.6
51 37.8 30.8 46.2
86 63.0 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 16.635 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

Instrument :

MSVOA_U

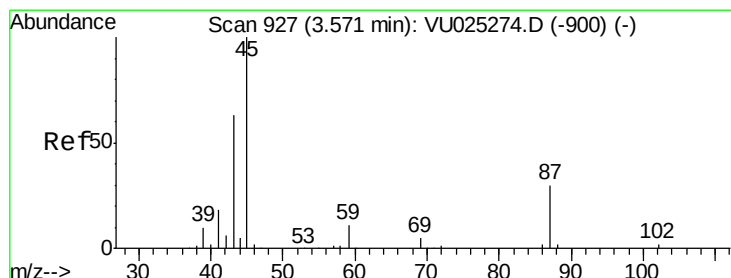
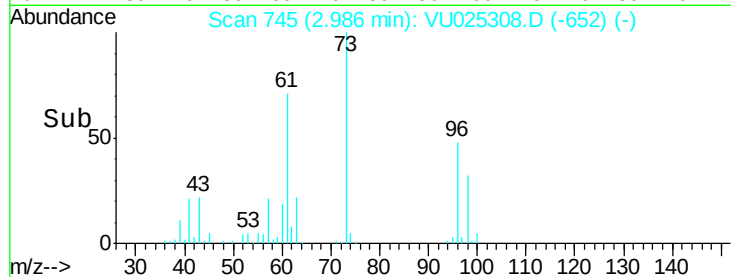
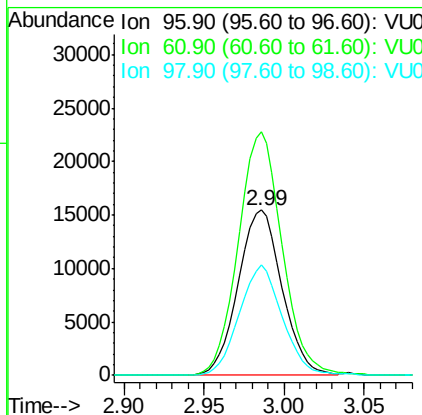
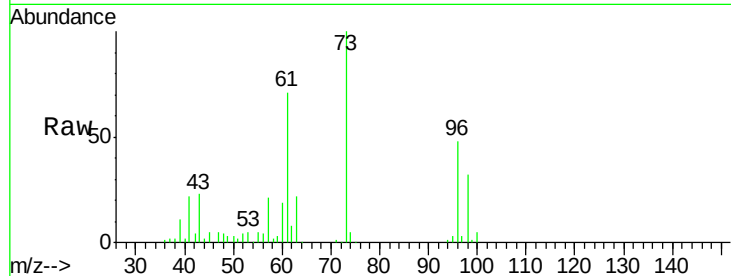
ClientSampleId :

VU0711WBS01

Tgt Ion:	96	Resp:	28995
Ion	Ratio	Lower	Upper
96	100		
61	147.2	114.5	171.7
98	66.5	50.5	75.7

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#22

Diisopropyl ether

Concen: 17.907 ug/l

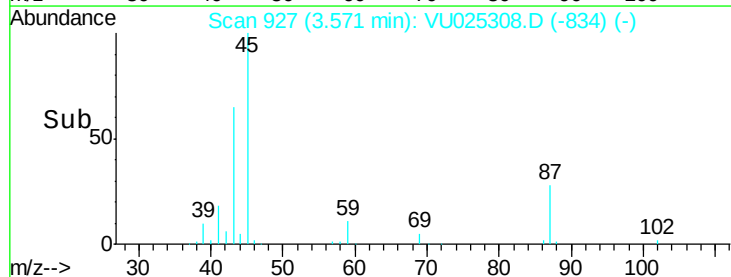
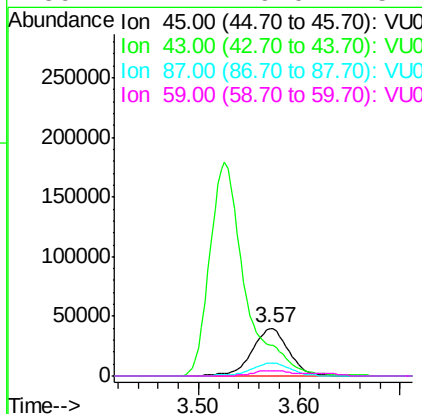
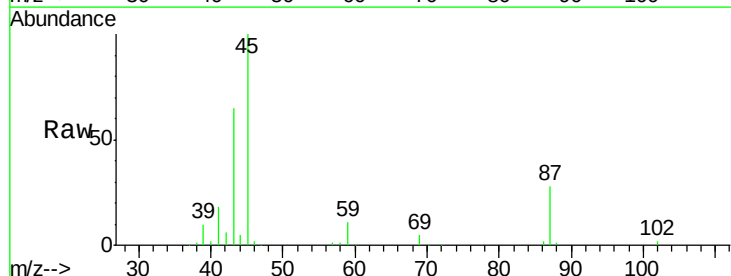
RT: 3.57 min Scan# 927

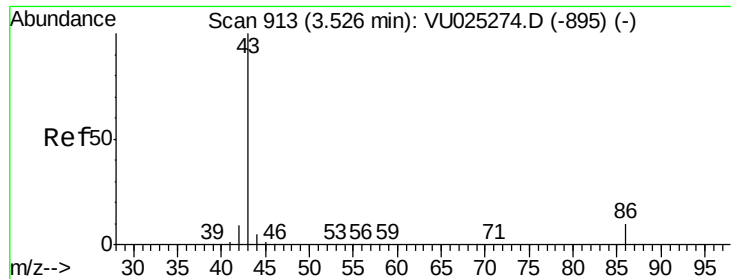
Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

Tgt Ion:	45	Resp:	101157
Ion	Ratio	Lower	Upper
45	100		
43	62.0	50.9	76.3
87	27.7	23.8	35.8
59	11.4	9.0	13.4





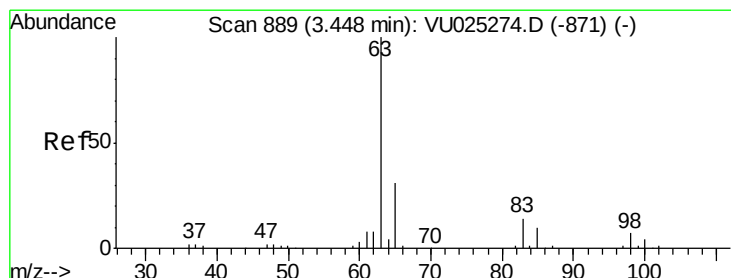
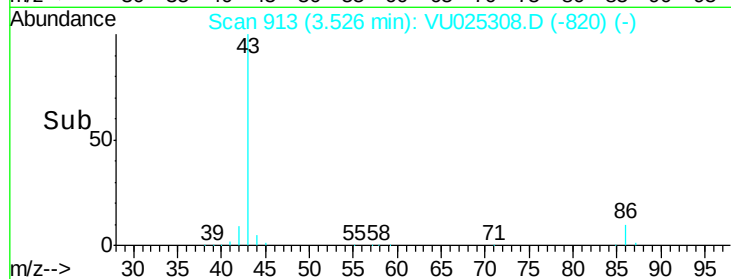
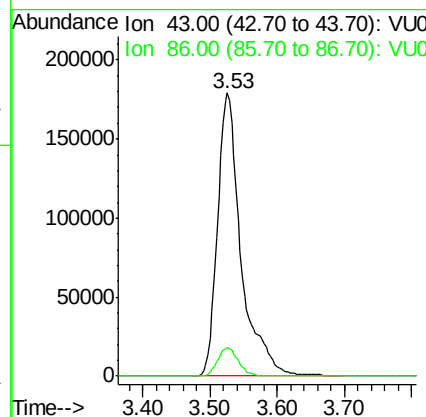
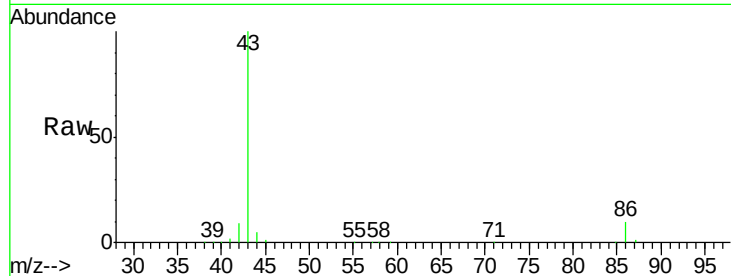
#23
 Vinyl Acetate
 Concen: 88.215 ug/l
 RT: 3.53 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: VU025308.D
 Acq: 11 Jul 2018 12:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

Tgt Ion: 43 Resp: 437163
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.2

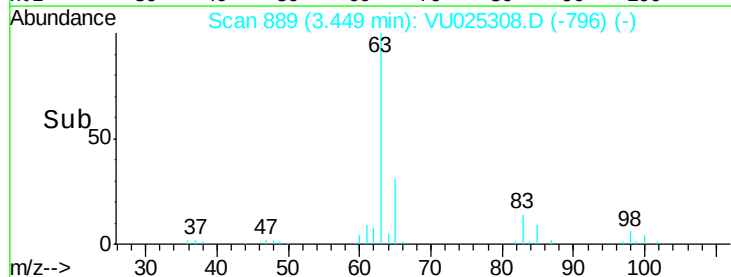
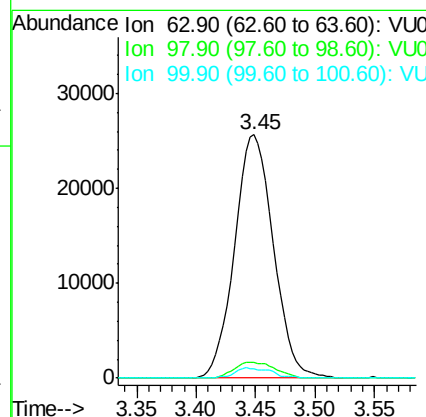
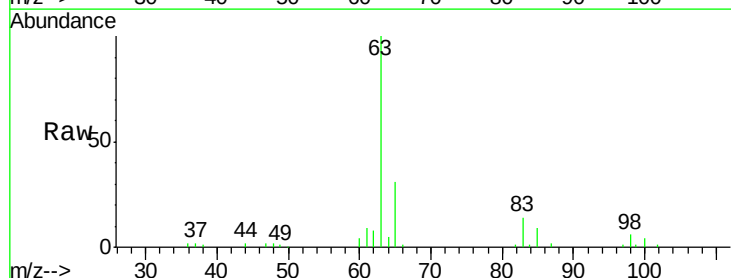
Manual Integrations
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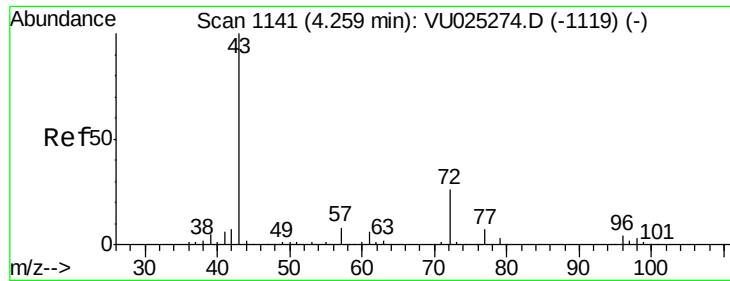
MMDadoda
 7/12/2018 11:04:15 AM



#24
 1,1-Dichloroethane
 Concen: 18.198 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: VU025308.D
 Acq: 11 Jul 2018 12:38

Tgt Ion: 63 Resp: 57978
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.1
 100 3.7 2.0 6.0





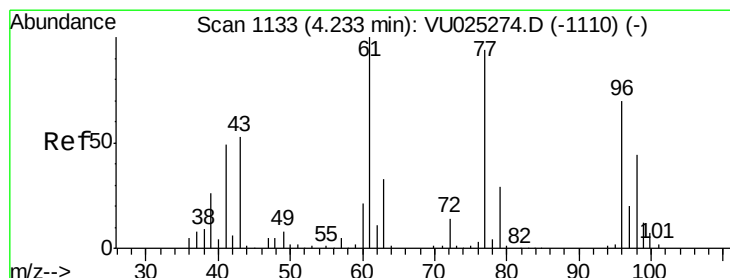
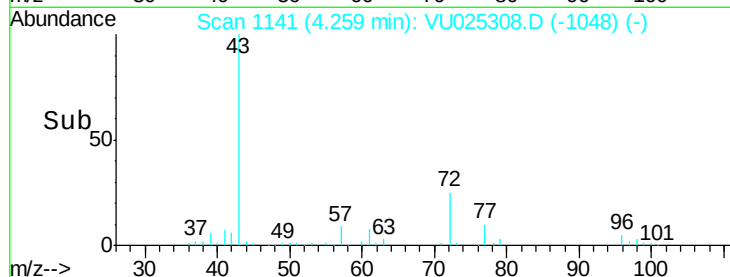
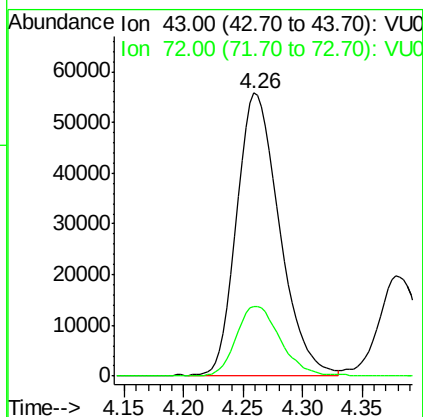
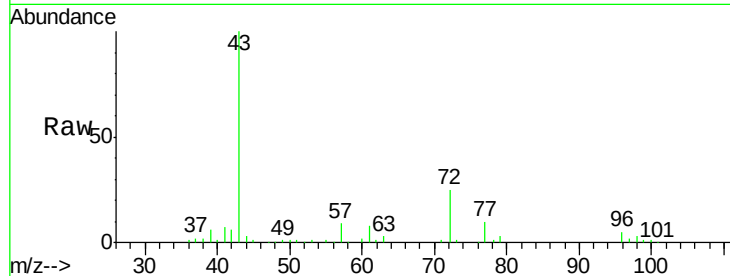
#25
2-Butanone
Concen: 85.319 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion: 43 Resp: 138247
Ion Ratio Lower Upper
43 100
72 24.8 21.0 31.4

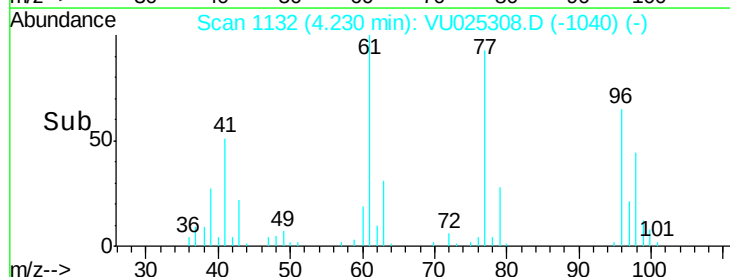
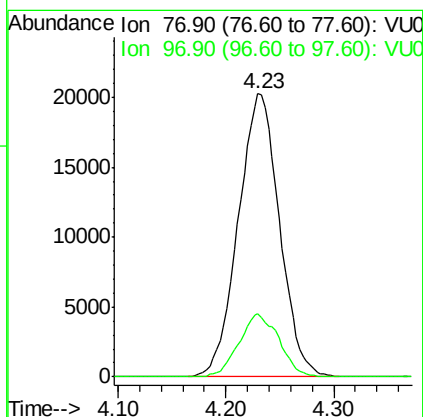
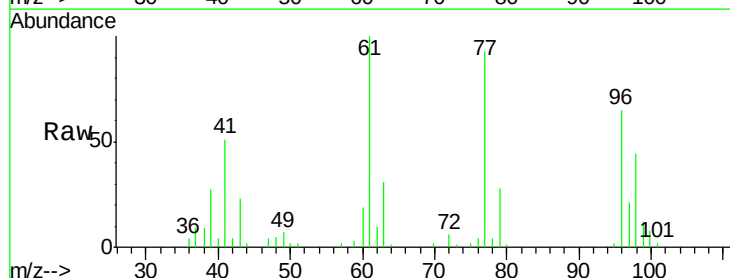
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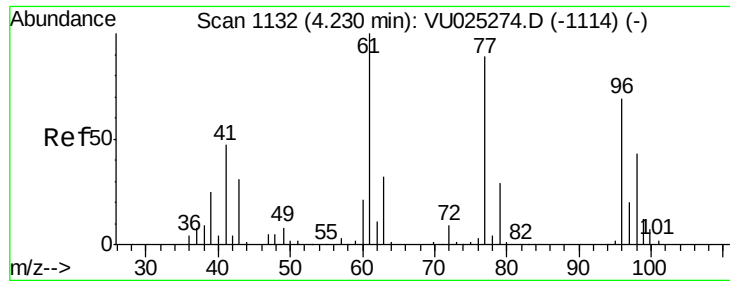
MMDadoda
7/12/2018 11:04:15 AM



#26
2,2-Dichloropropane
Concen: 17.558 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion: 77 Resp: 53787
Ion Ratio Lower Upper
77 100
97 21.6 11.2 33.5





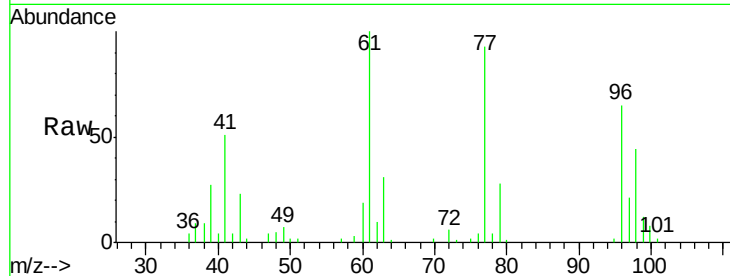
#27
 cis-1,2-Dichloroethene
 Concen: 17.361 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU025308.D
 Acq: 11 Jul 2018 12:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

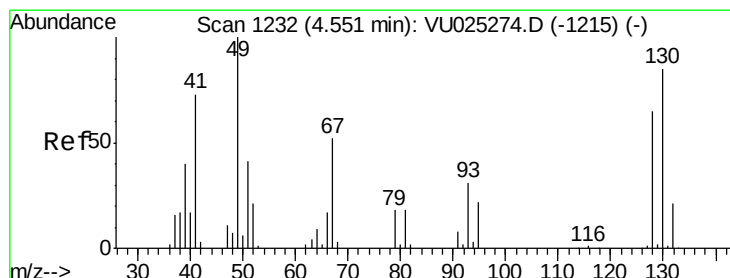
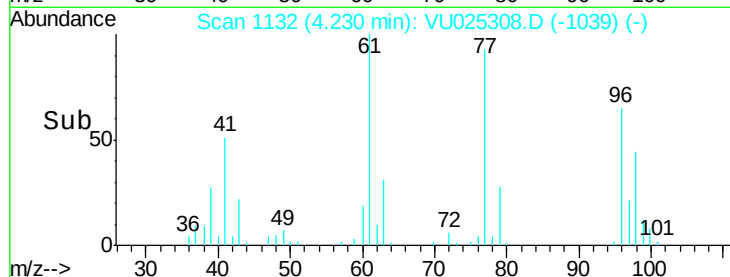
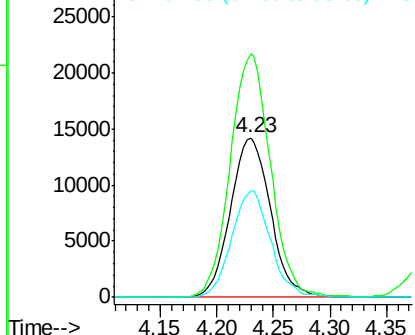
Tgt Ion	Ratio	Resp	Lower	Upper
96	100	35013		
61	153.3	0.0	299.8	
98	64.9	0.0	128.6	

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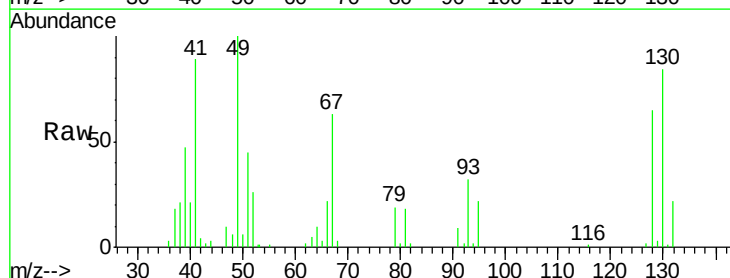


Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0

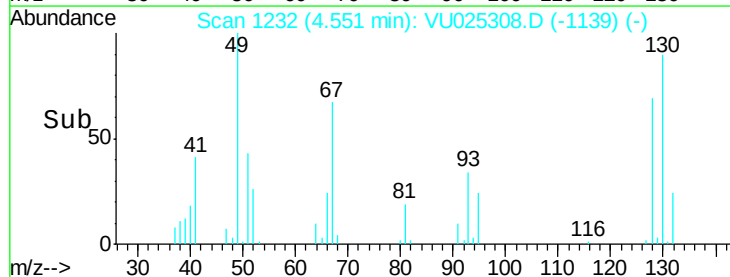
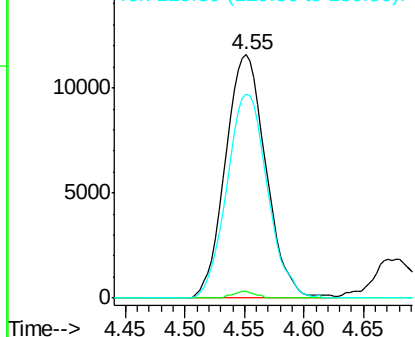


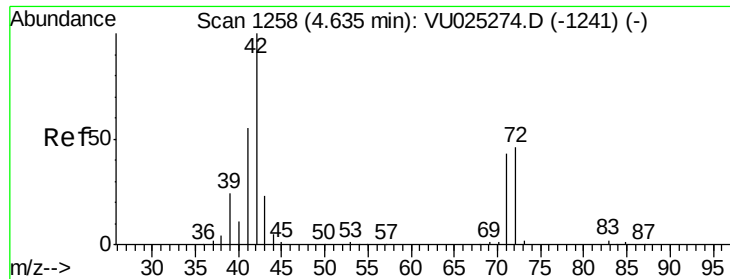
#28
 Bromochloromethane
 Concen: 17.798 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU025308.D
 Acq: 11 Jul 2018 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	27382		
129	1.6	0.0	4.6	
130	83.9	68.6	102.8	



Abundance Ion 48.90 (48.60 to 49.60): VU0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





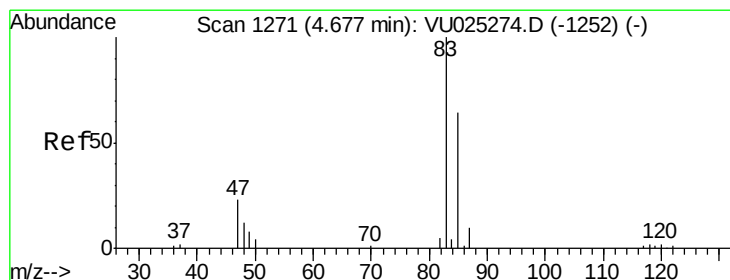
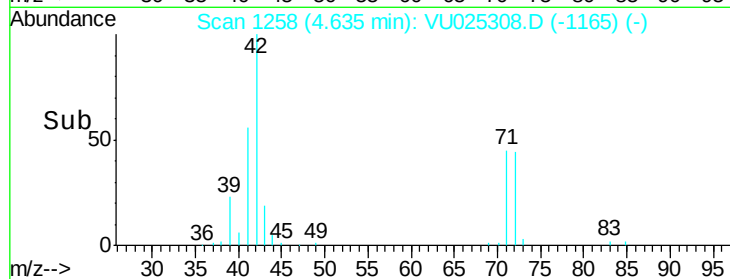
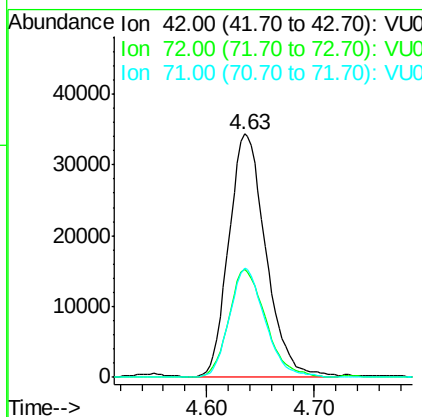
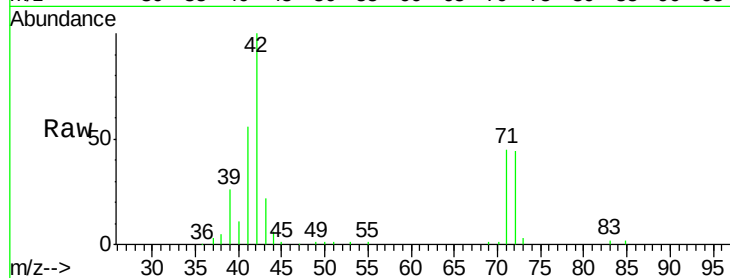
#29
Tetrahydrofuran
Concen: 84.885 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.2	36.7	55.1
71	43.2	33.9	50.9

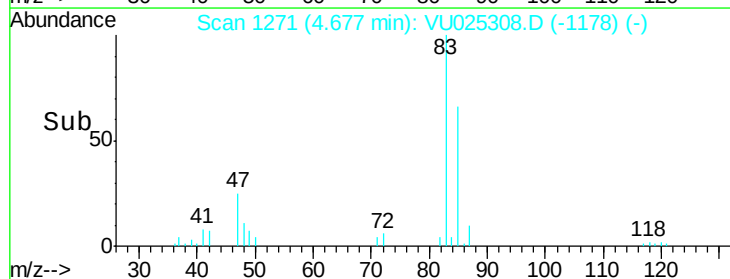
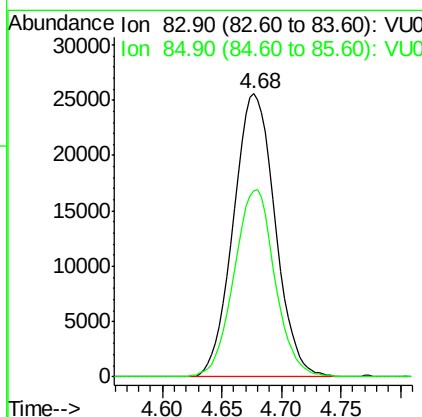
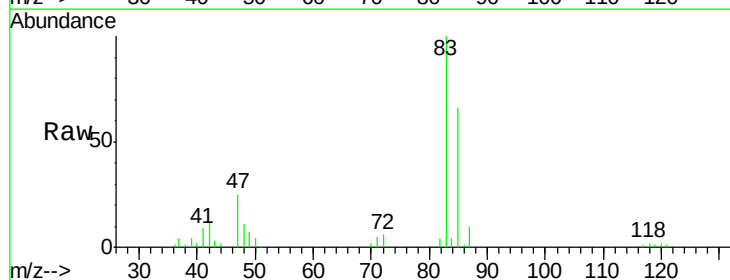
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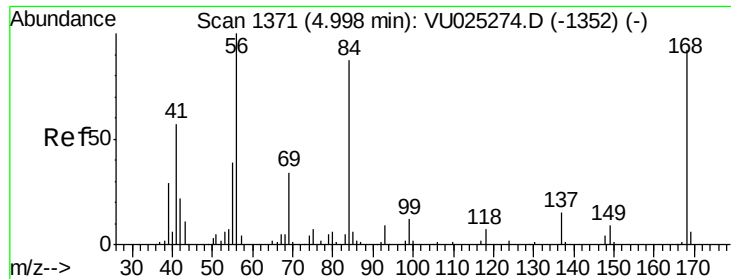
MMDadoda
7/12/2018 11:04:15 AM



#30
Chloroform
Concen: 18.444 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.5	77.3





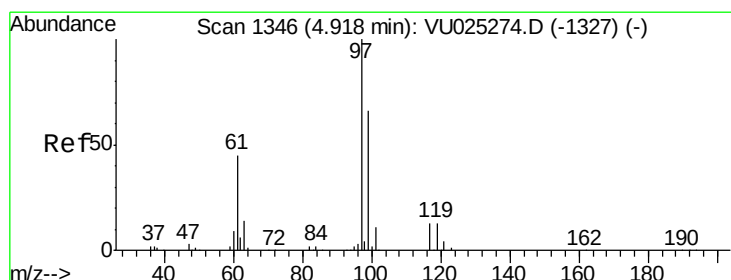
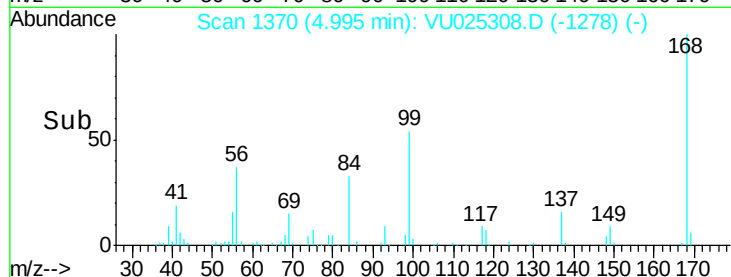
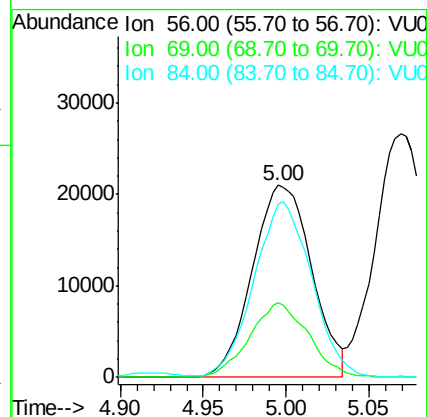
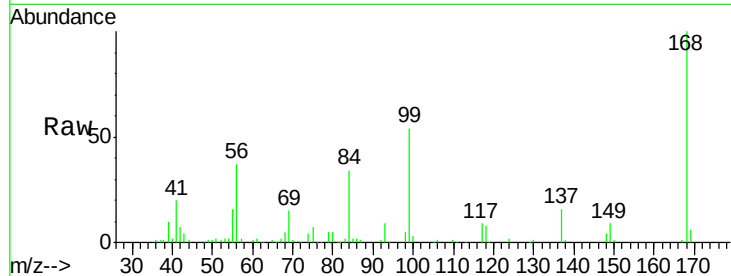
#31
Cyclohexane
Concen: 18.198 ug/l
RT: 5.00 min Scan# 1370
Delta R.T. -0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	39.1	26.8	40.2
84	89.4	69.7	104.5

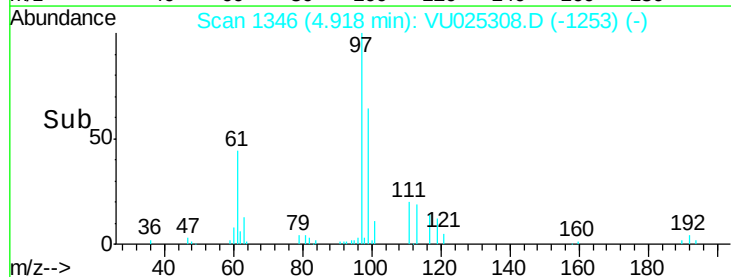
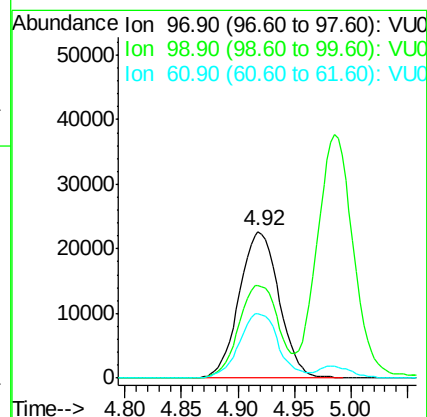
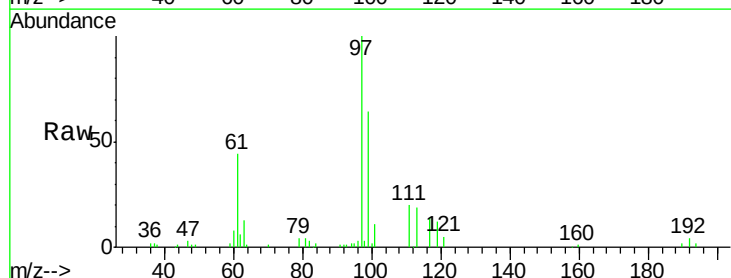
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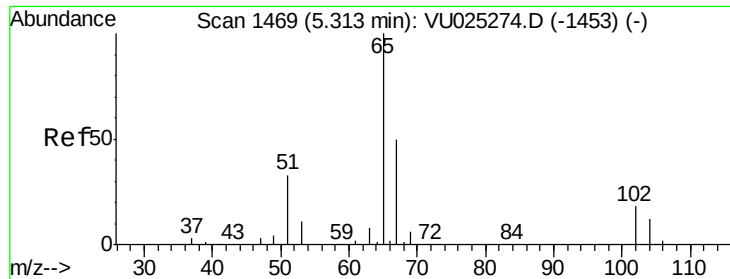
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7/12/2018 11:04:15 AM



#32
1,1,1-Trichloroethane
Concen: 18.175 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.8	76.2
61	43.7	35.2	52.8





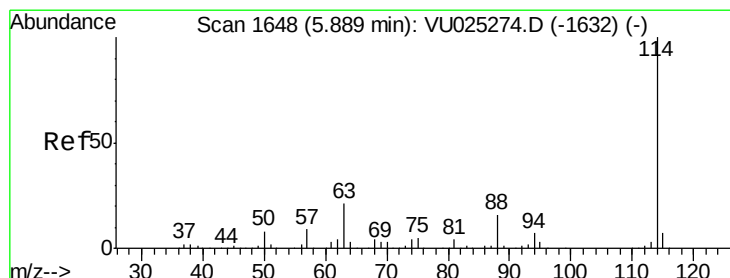
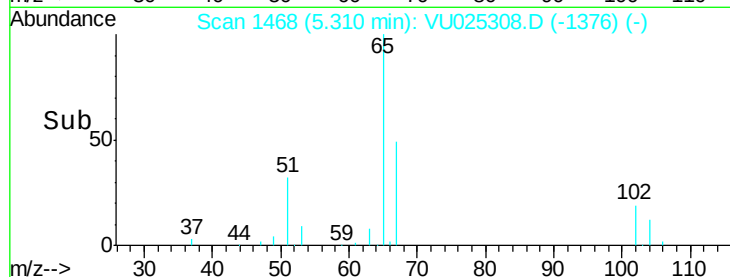
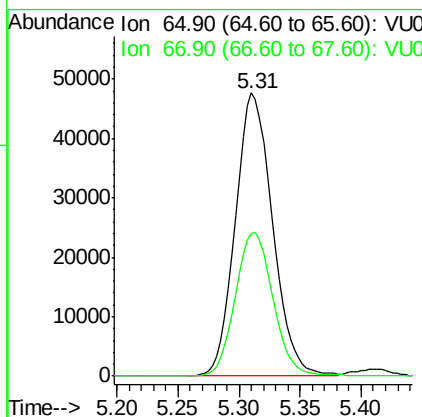
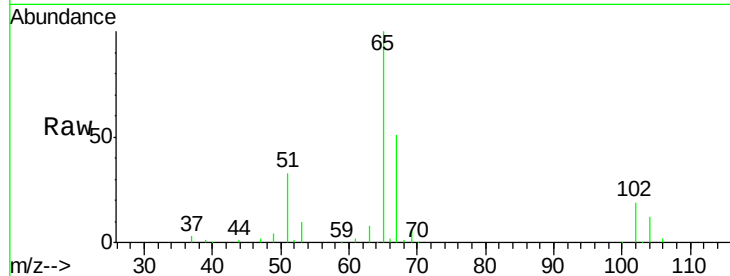
#33
 1,2-Dichloroethane-d4
 Concen: 43.183 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025308.D
 Acq: 11 Jul 2018 12:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	100953		
67	50.9	0.0	103.6	

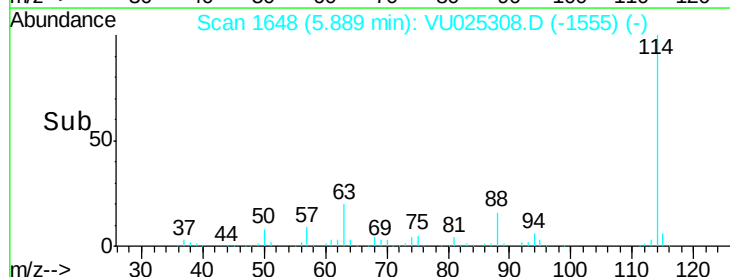
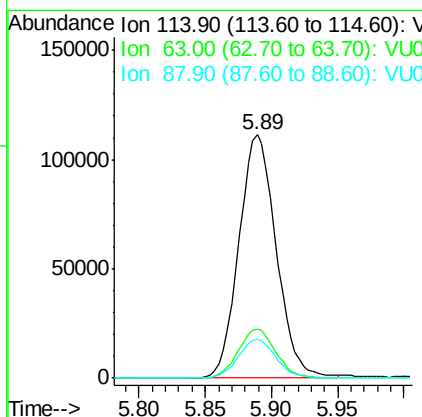
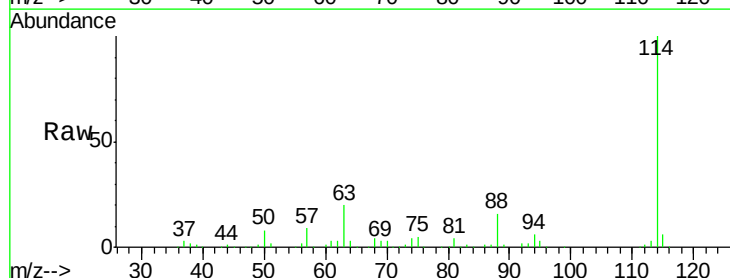
Manual Integrations
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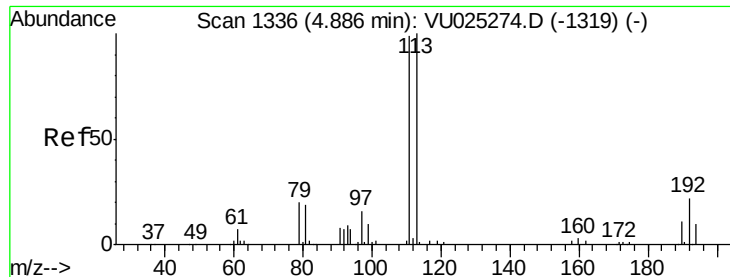
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 7/12/2018 11:04:15 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025308.D
 Acq: 11 Jul 2018 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	218440		
63	20.3	0.0	41.6	
88	16.0	0.0	32.4	





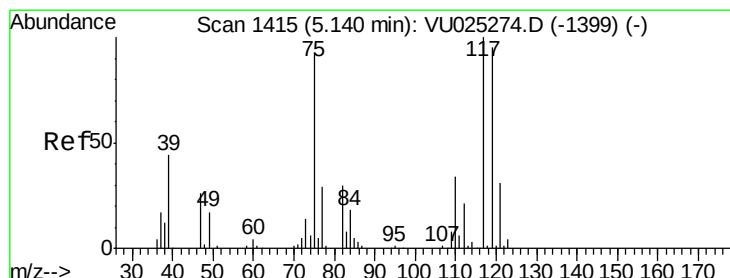
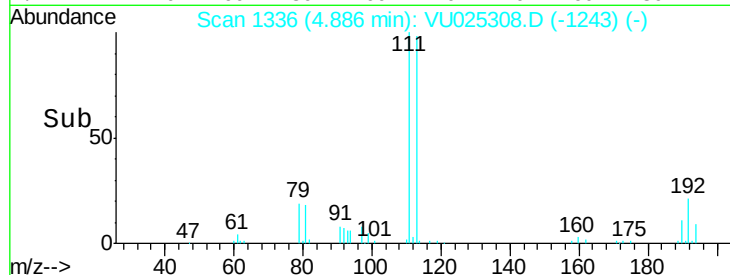
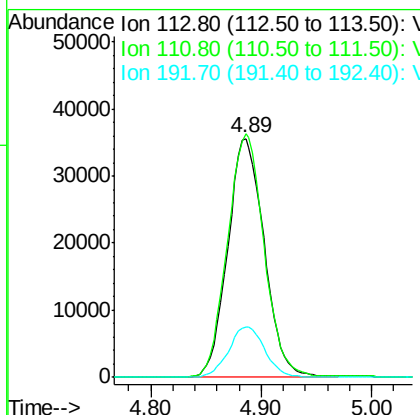
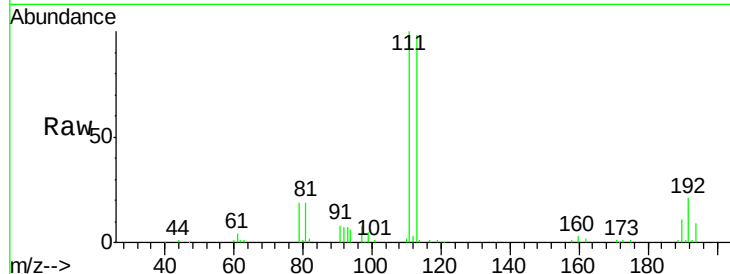
#35
Dibromofluoromethane
Concen: 44.296 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	81626		
111	102.4	81.7	122.5	
192	21.0	17.1	25.7	

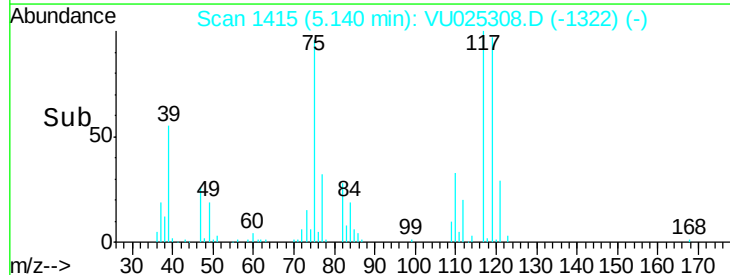
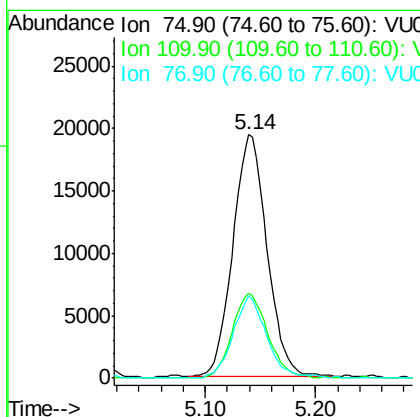
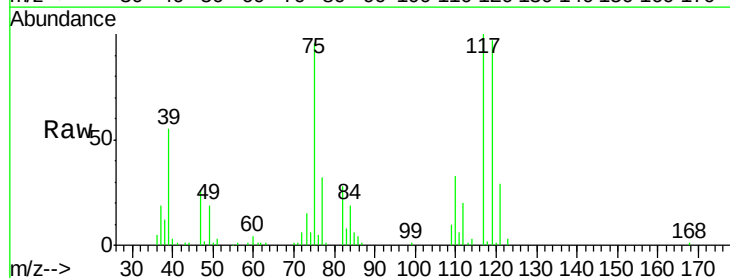
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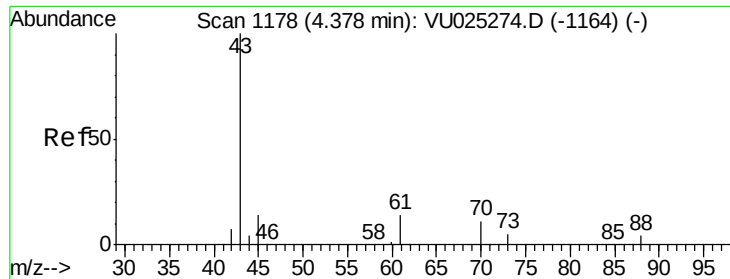
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7/12/2018 11:04:15 AM



#36
1,1-Dichloropropene
Concen: 17.181 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	41723		
110	35.9	17.6	52.9	
77	33.1	24.4	36.6	





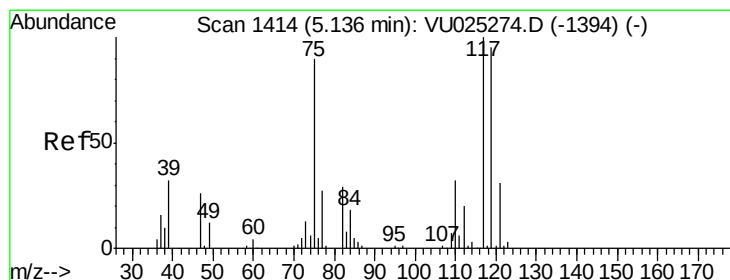
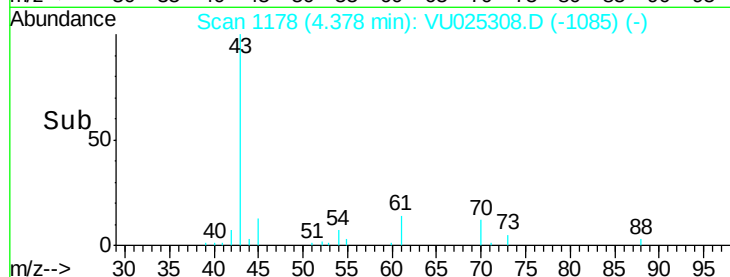
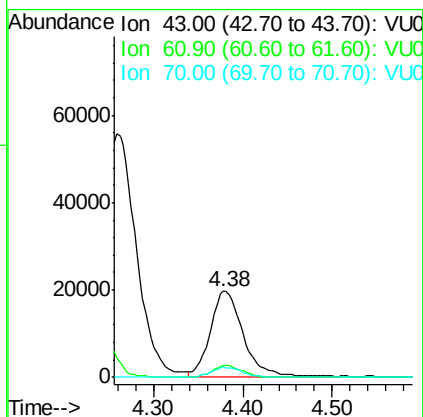
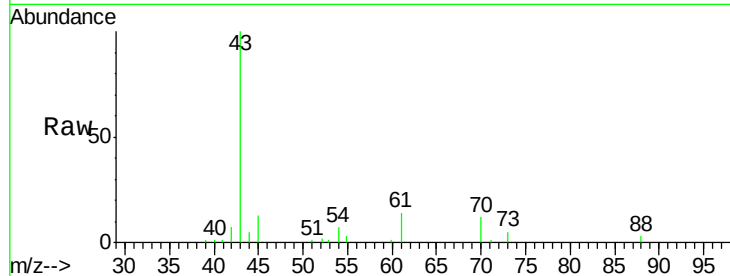
#37
Ethyl Acetate
Concen: 18.209 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.7	16.1
70	11.1	8.4	12.6

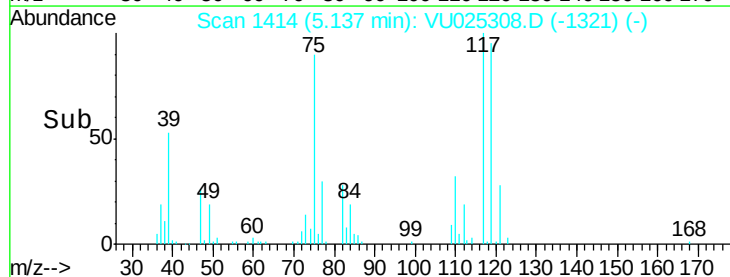
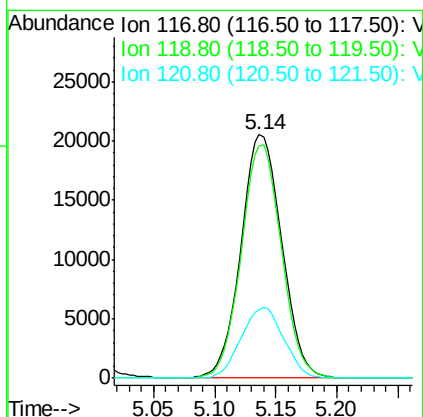
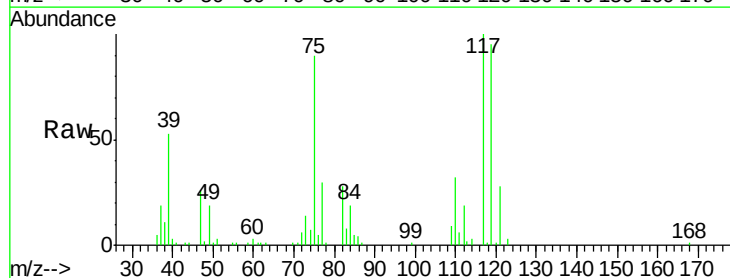
Manual Integrations
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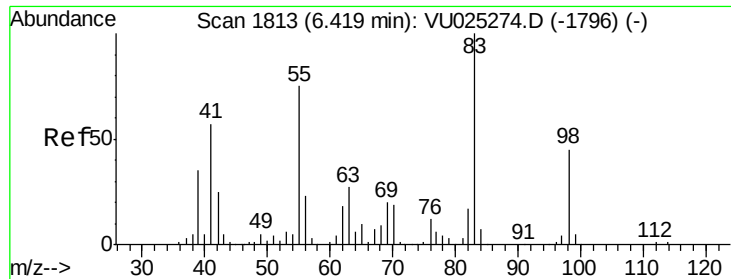
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7/12/2018 11:04:15 AM



#38
Carbon Tetrachloride
Concen: 18.198 ug/l
RT: 5.14 min Scan# 1414
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.7	113.5
121	28.1	24.6	36.8





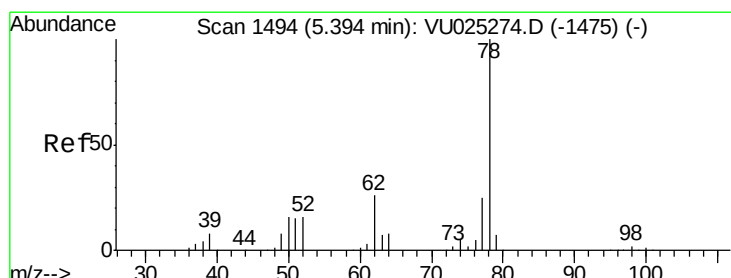
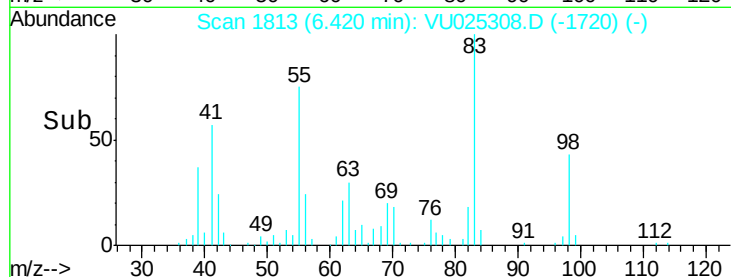
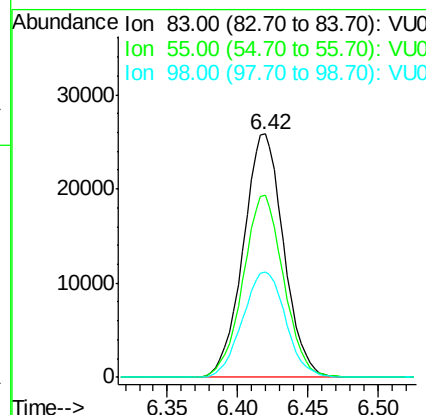
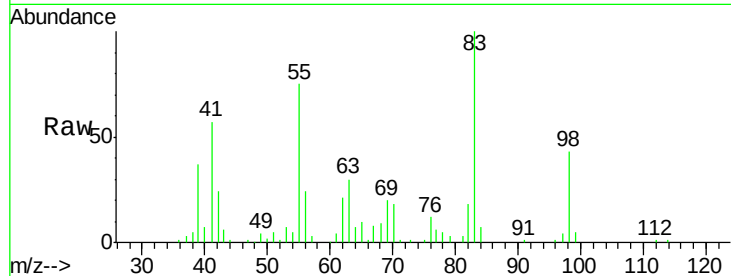
#39
Methylcyclohexane
Concen: 17.101 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.0	60.0	90.0
98	43.4	36.1	54.1

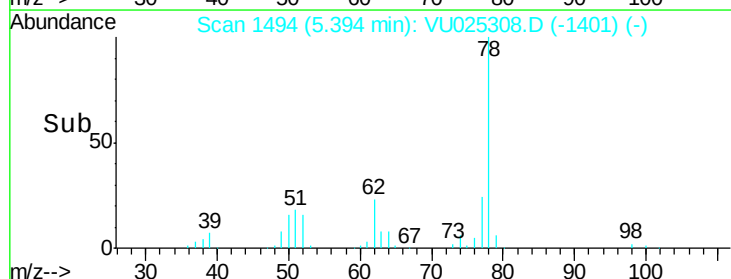
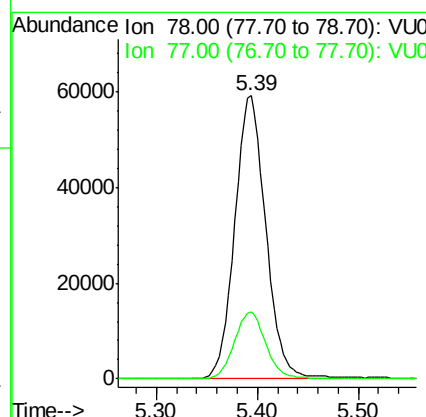
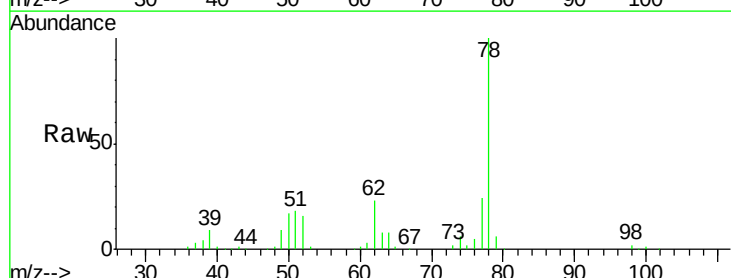
Manual Integrations
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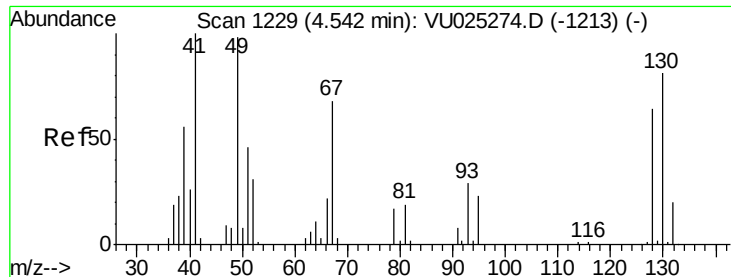
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#40
Benzene
Concen: 18.080 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.8	29.6





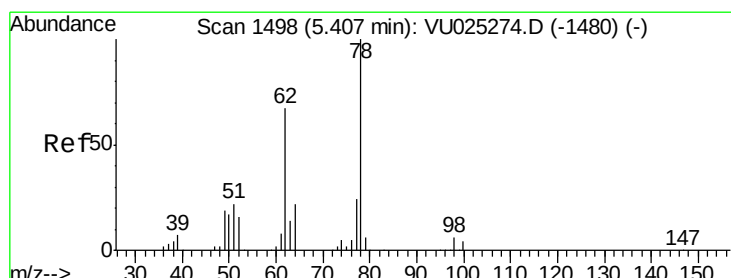
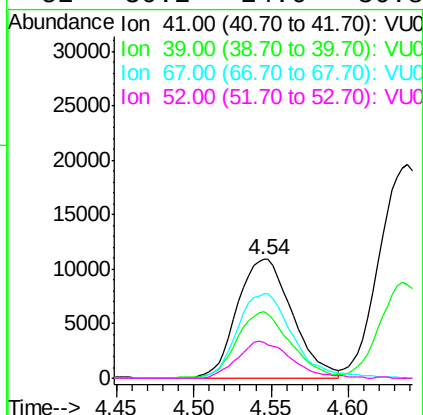
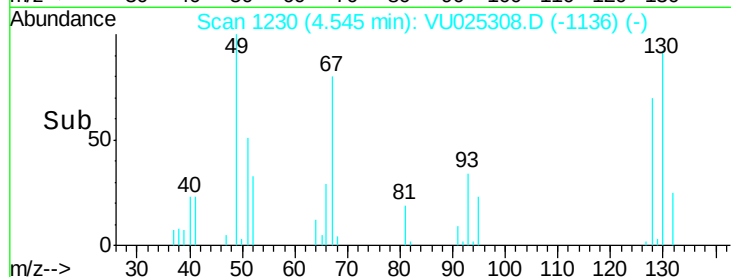
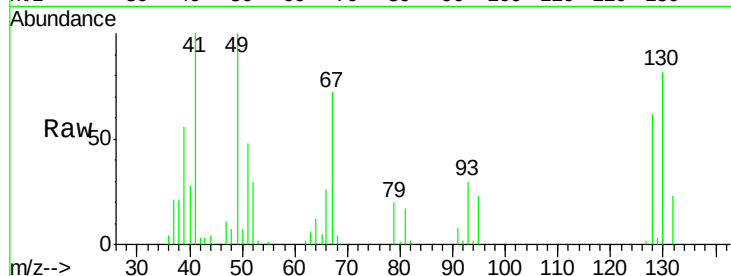
#41
Methacrylonitrile
Concen: 18.042 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.4	66.6
67	71.8	56.0	84.0
52	30.2	24.6	36.8

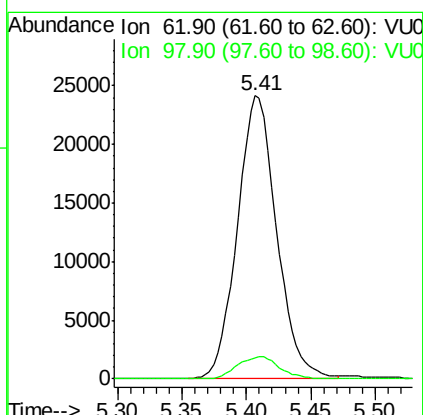
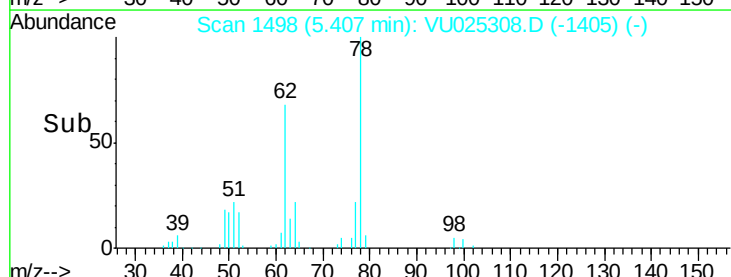
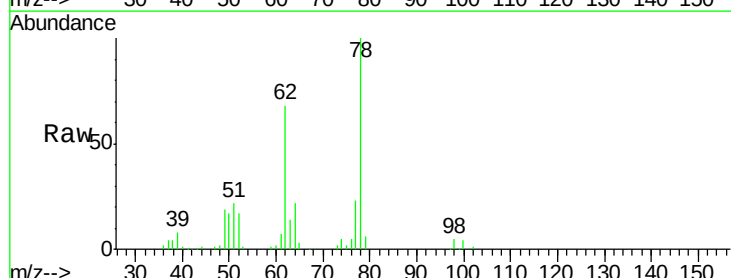
Manual Integrations
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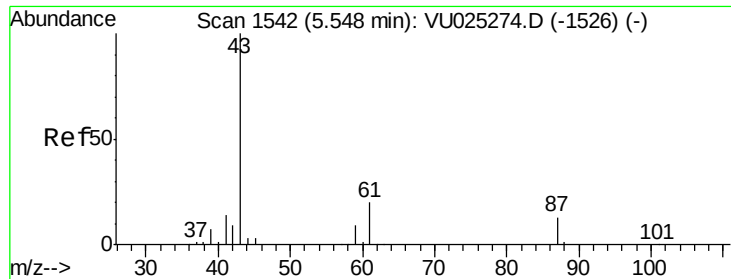
MMDadoda
7/12/2018 11:04:15 AM



#42
1,2-Dichloroethane
Concen: 18.416 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.4





#43

Isopropyl Acetate

Concen: 18.175 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

Instrument :

MSVOA_U

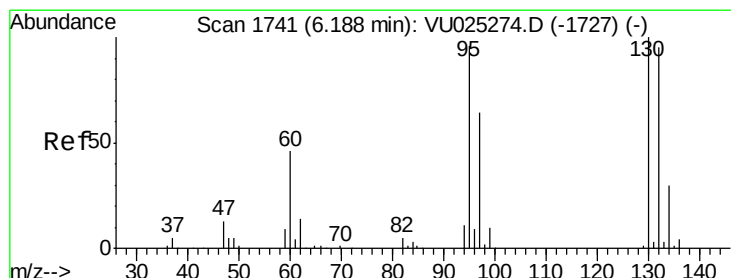
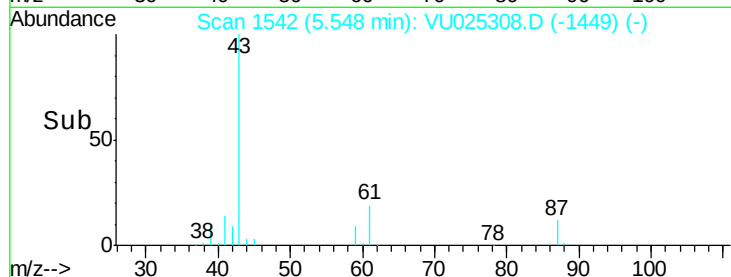
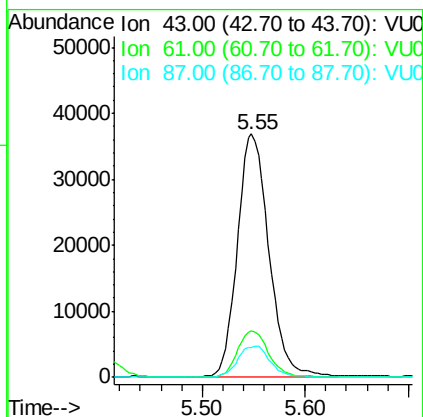
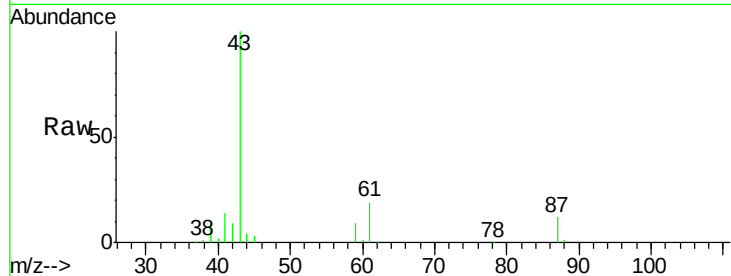
ClientSampleId :

VU0711WBS01

Tgt Ion:	43	Resp:	78828
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.5	23.3
87	13.0	10.6	16.0

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#44

Trichloroethene

Concen: 17.366 ug/l

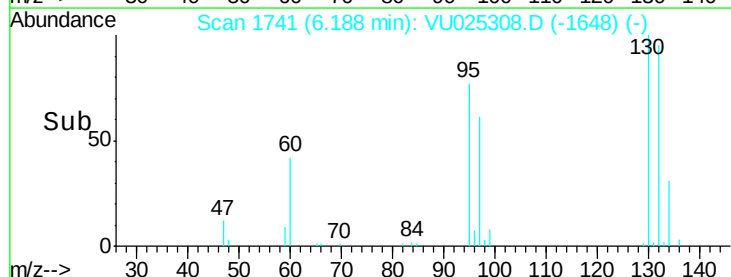
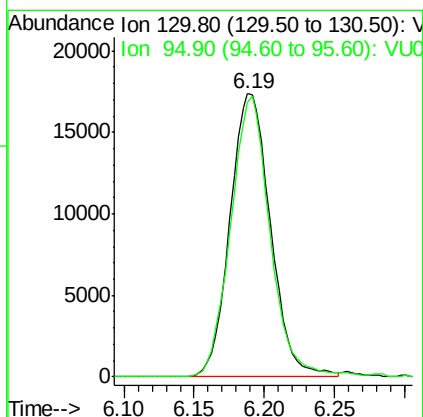
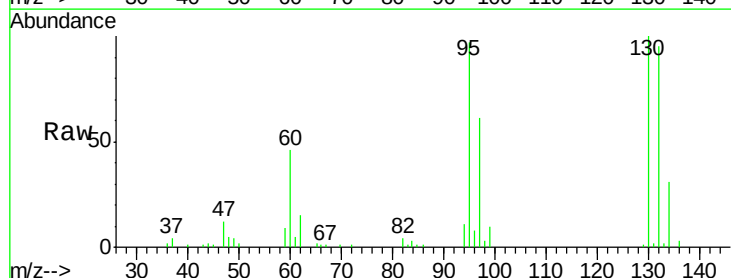
RT: 6.19 min Scan# 1741

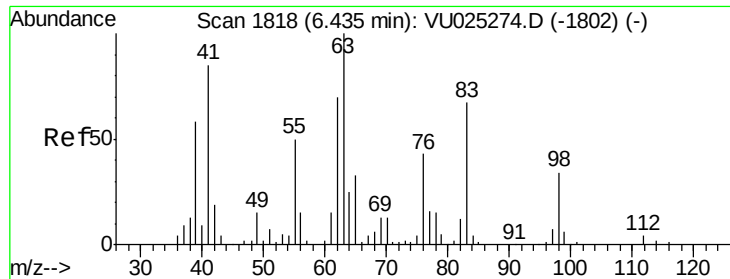
Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

Tgt Ion:	130	Resp:	34897
Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	192.2





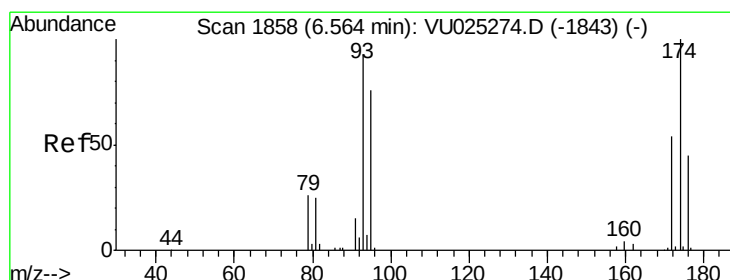
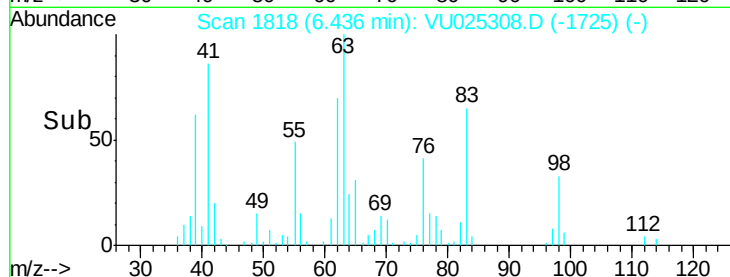
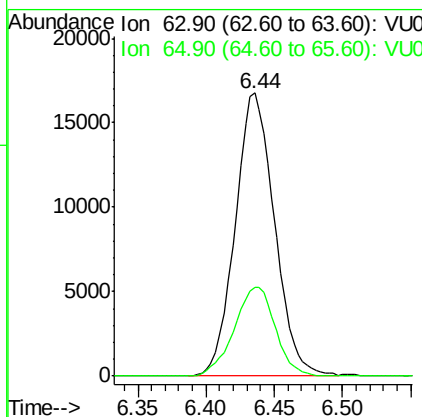
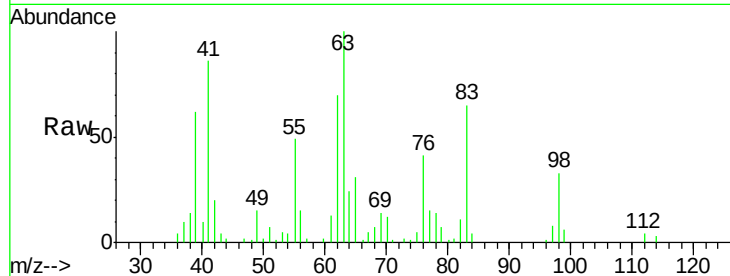
#45
 1,2-Dichloropropane
 Concen: 18.287 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VU025308.D
 Acq: 11 Jul 2018 12:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

Tgt Ion: 63 Resp: 33520
 Ion Ratio Lower Upper
 63 100
 65 31.3 26.1 39.1

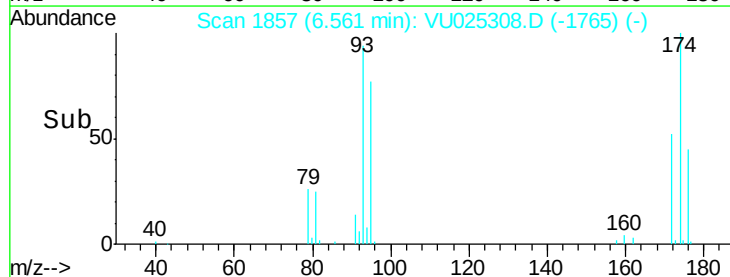
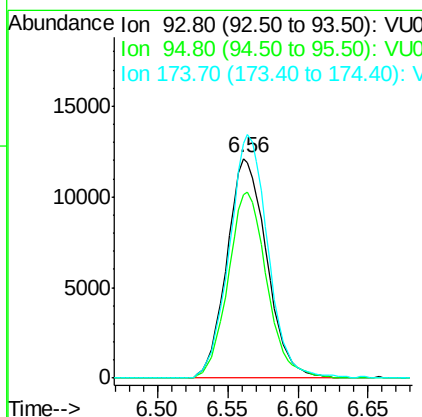
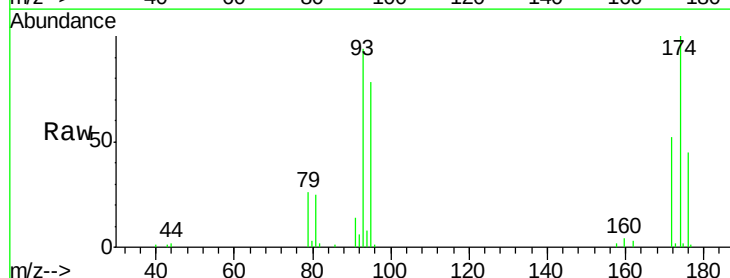
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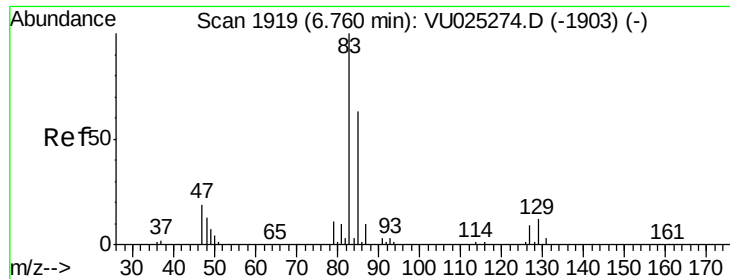
MMDadoda
 7/12/2018 11:04:15 AM



#46
 Dibromomethane
 Concen: 17.949 ug/l
 RT: 6.56 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: VU025308.D
 Acq: 11 Jul 2018 12:38

Tgt Ion: 93 Resp: 23943
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.6 100.0
 174 107.3 85.8 128.8





#47

Bromodichloromethane

Concen: 18.282 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

Instrument :

MSVOA_U

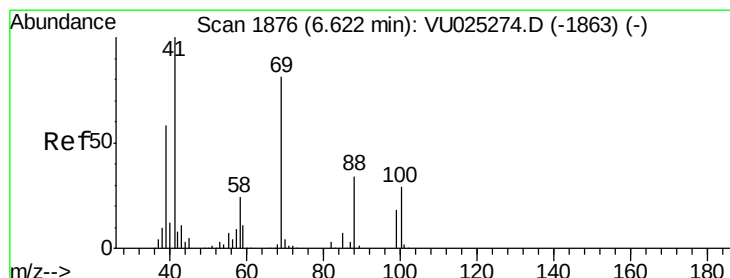
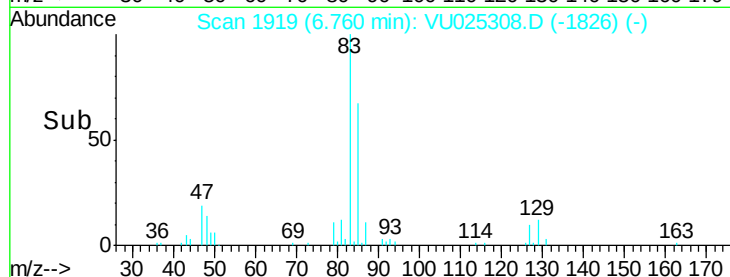
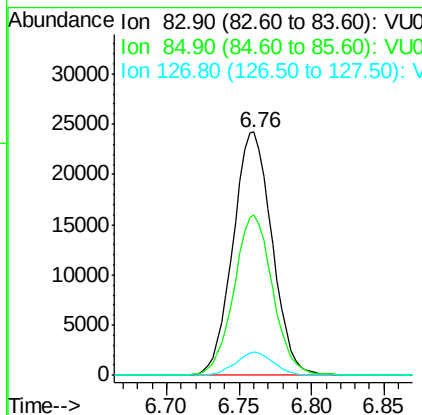
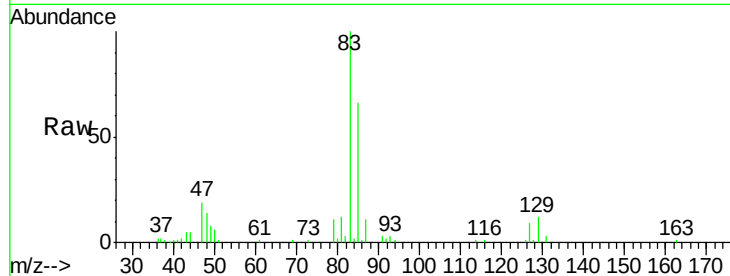
ClientSampleId :

VU0711WBS01

Tgt Ion:	83	Resp:	45303
Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.2	75.4
127	9.4	7.2	10.8

Manual Integrations
APPROVED

MMDadoda
7/12/2018 11:04:15 AM



#48

Methyl methacrylate

Concen: 18.444 ug/l

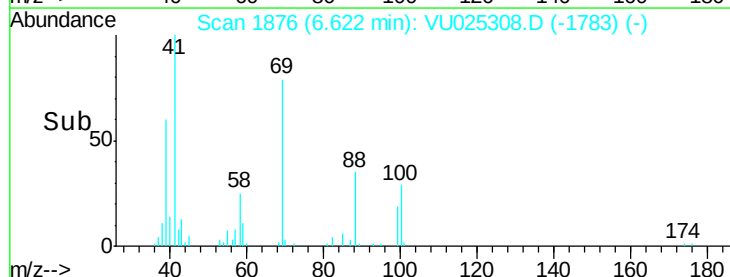
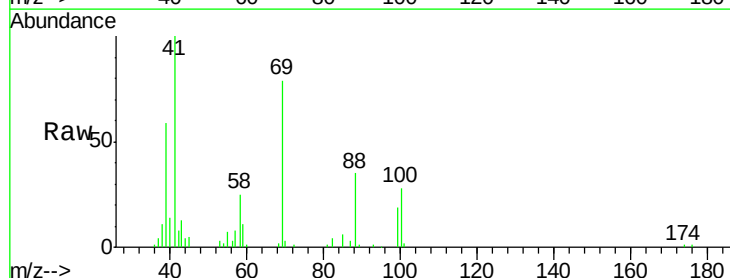
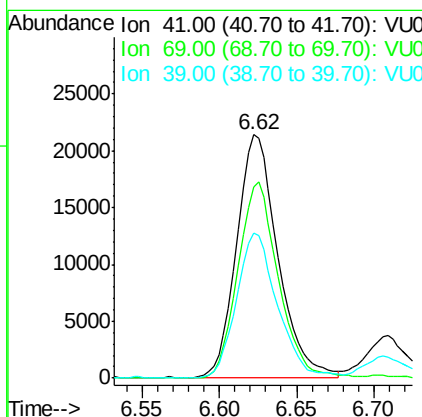
RT: 6.62 min Scan# 1876

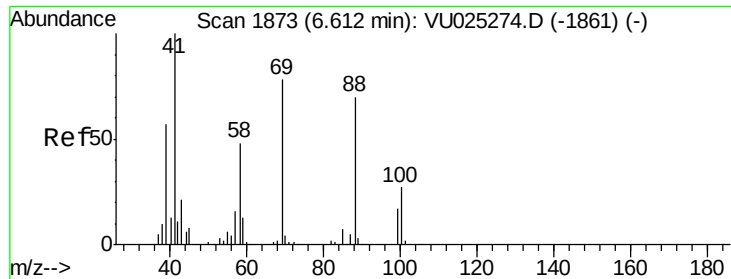
Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

Tgt Ion:	41	Resp:	39879
Ion	Ratio	Lower	Upper
41	100		
69	78.4	65.0	97.4
39	59.0	46.4	69.6





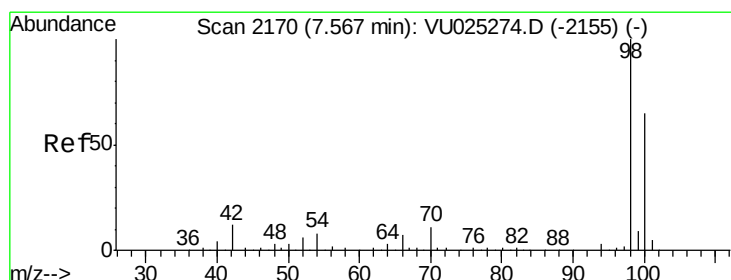
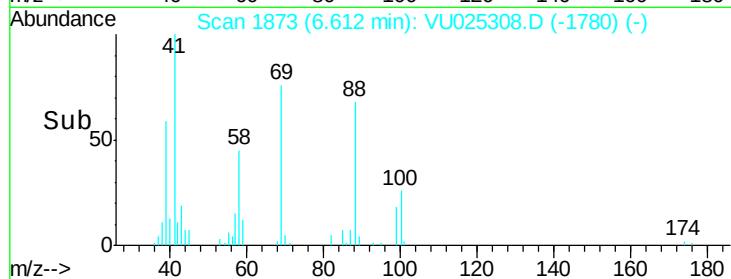
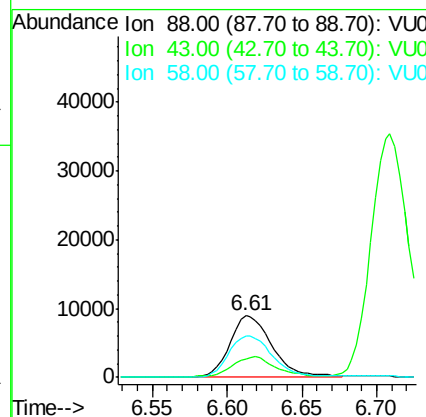
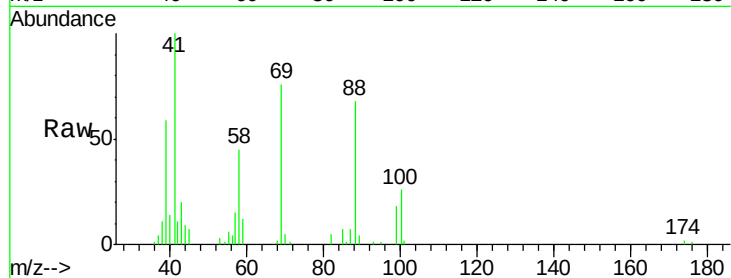
#49
1,4-Dioxane
Concen: 340.141 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.0	27.3	40.9
58	71.4	57.6	86.4

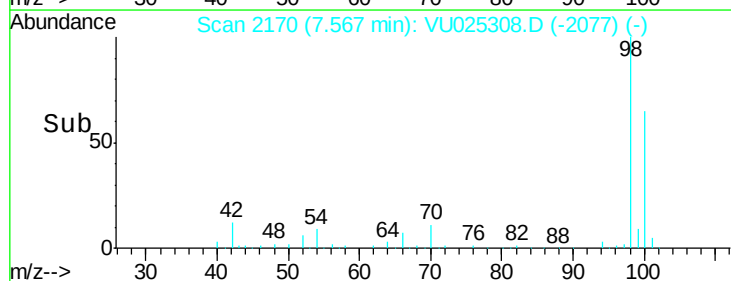
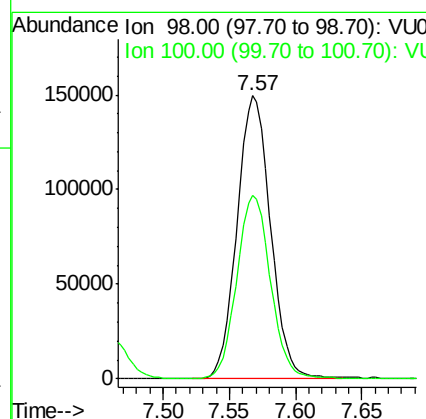
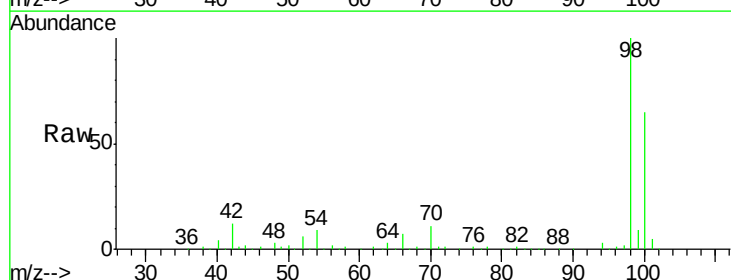
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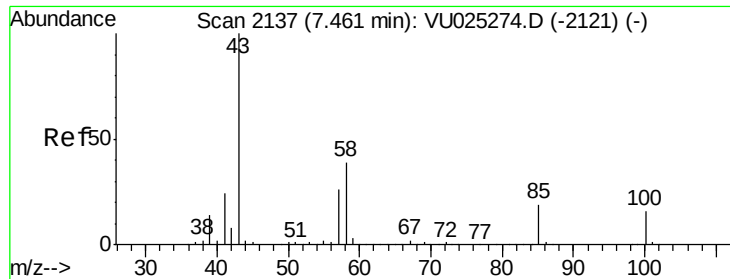
MMDadoda
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#50
Toluene-d8
Concen: 41.739 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 88.084 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS01

Tgt Ion: 43 Resp: 248299

Ion Ratio Lower Upper

43 100

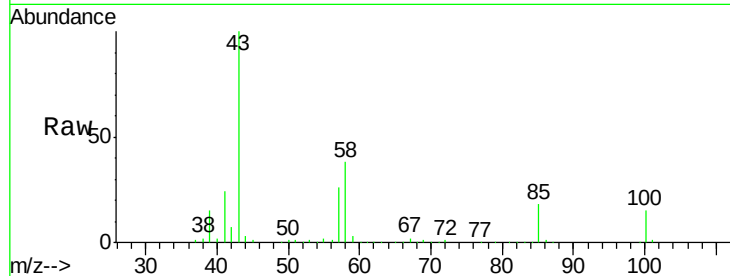
58 38.1 31.0 46.4

Manual Integrations

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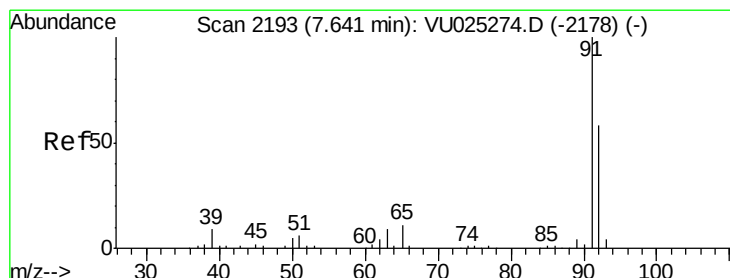
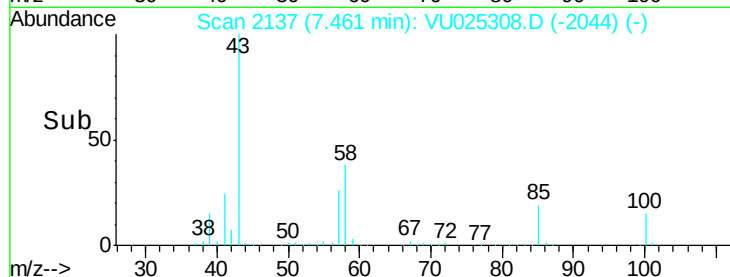
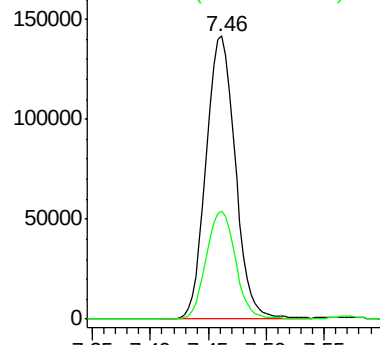
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 17.857 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU025308.D

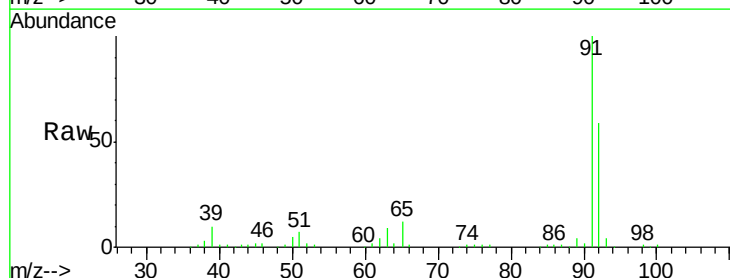
Acq: 11 Jul 2018 12:38

Tgt Ion: 92 Resp: 79509

Ion Ratio Lower Upper

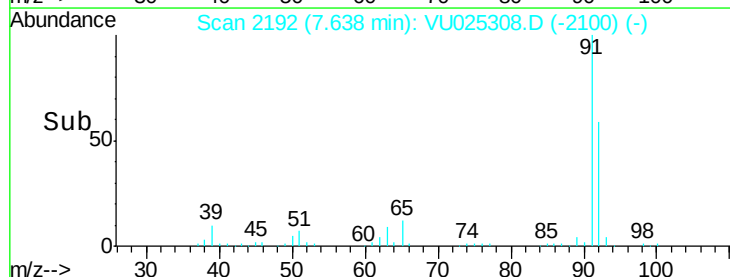
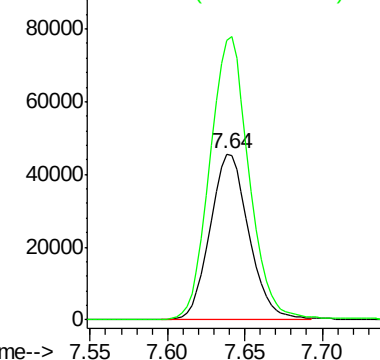
92 100

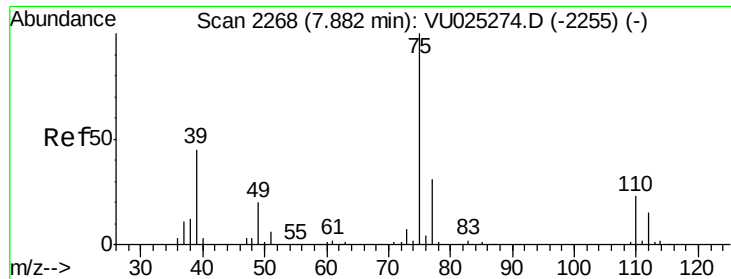
91 172.2 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0





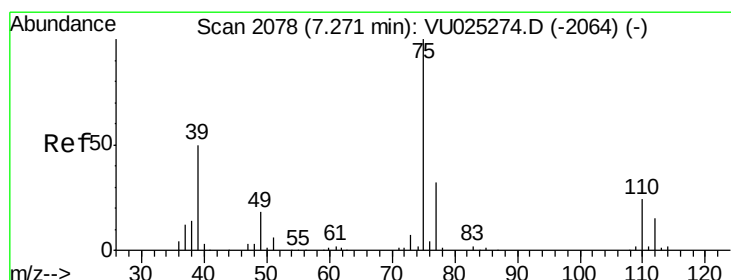
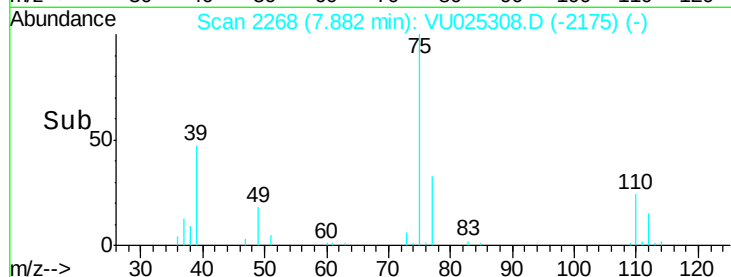
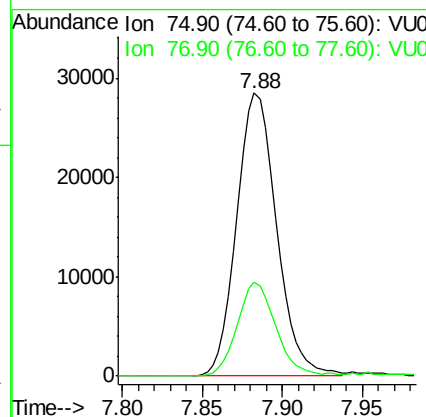
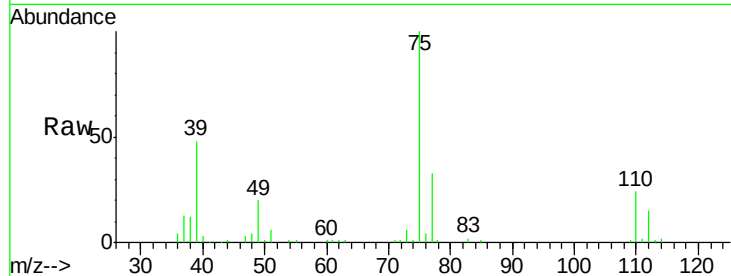
#53
t-1,3-Dichloropropene
Concen: 17.804 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion: 75 Resp: 48473
Ion Ratio Lower Upper
75 100
77 33.2 24.5 36.7

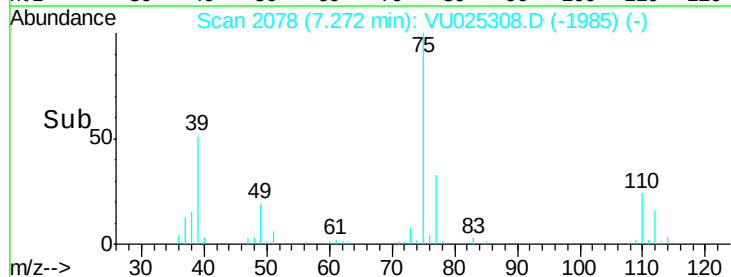
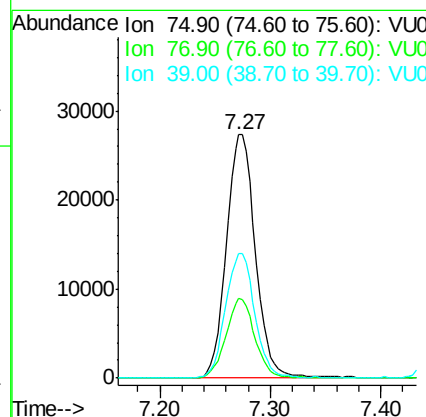
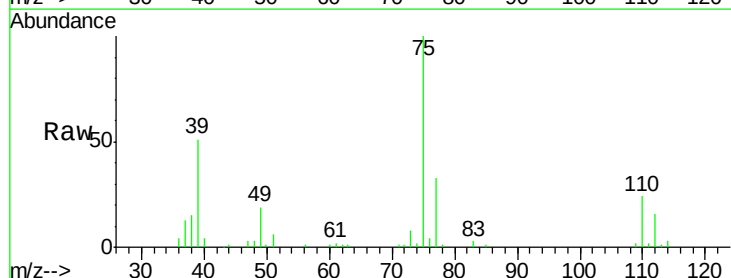
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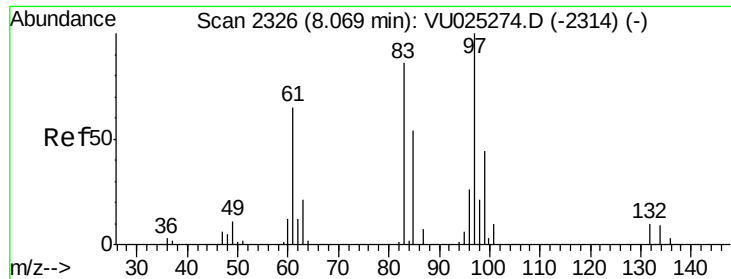
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#54
cis-1,3-Dichloropropene
Concen: 17.175 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion: 75 Resp: 49767
Ion Ratio Lower Upper
75 100
77 32.7 25.6 38.4
39 51.0 40.0 60.0





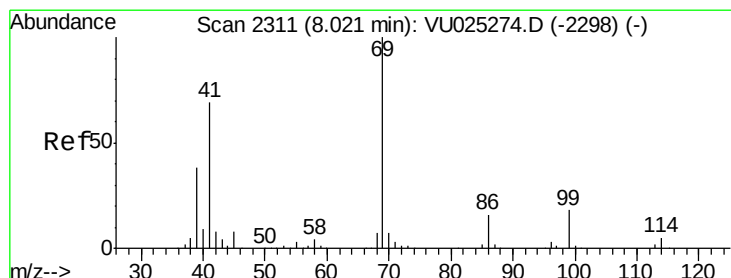
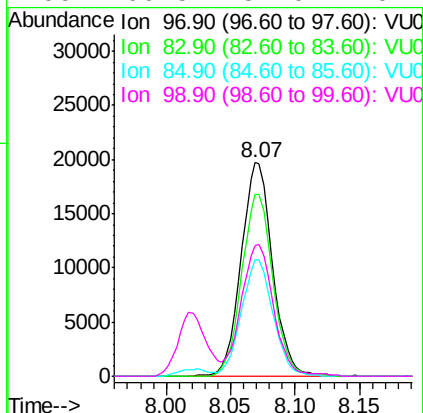
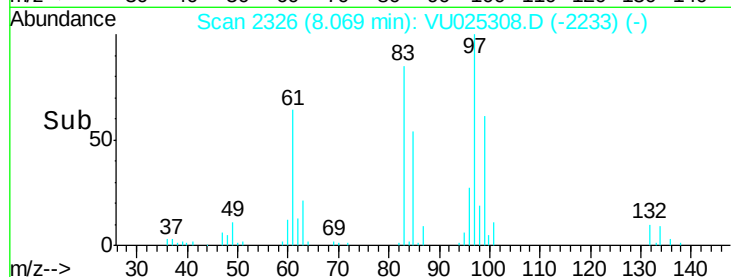
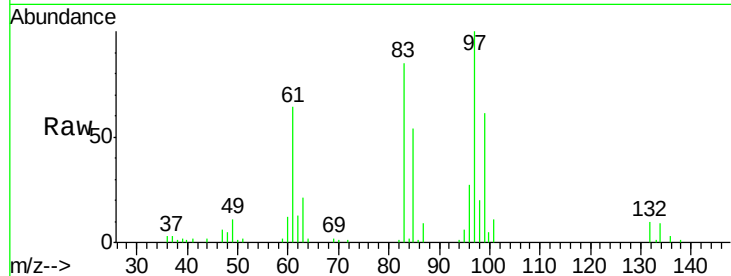
#55
 1,1,2-Trichloroethane
 Concen: 18.071 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025308.D
 Acq: 11 Jul 2018 12:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		33509		
83	85.2	68.9	103.3		
85	53.9	44.4	66.6		
99	60.5	51.0	76.4		

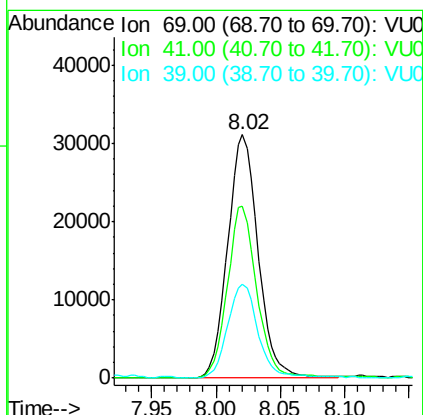
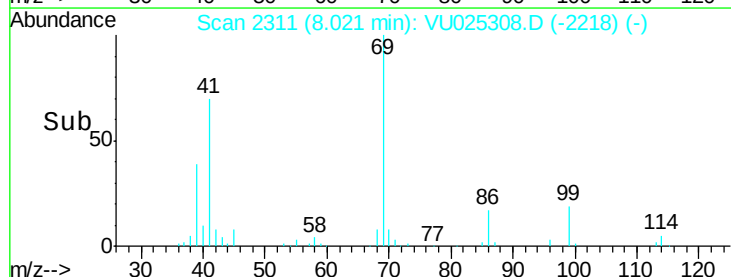
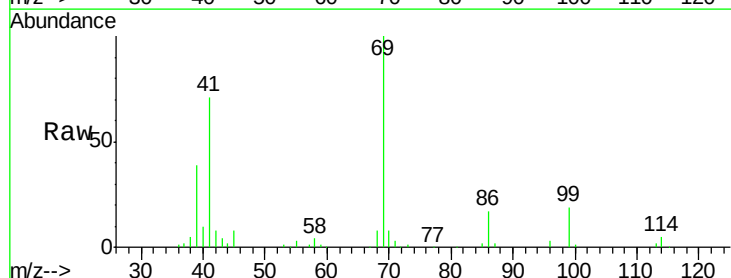
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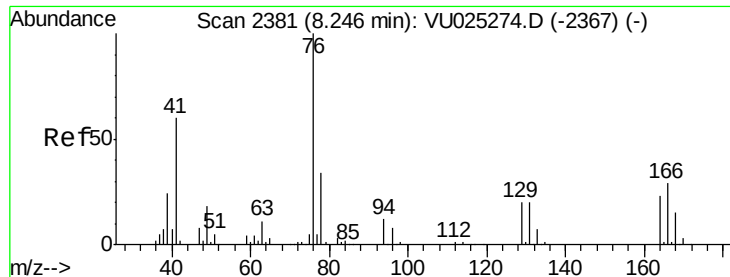
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#56
 Ethyl methacrylate
 Concen: 17.660 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025308.D
 Acq: 11 Jul 2018 12:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		51148		
41	68.3	54.8	82.2		
39	38.4	31.1	46.7		





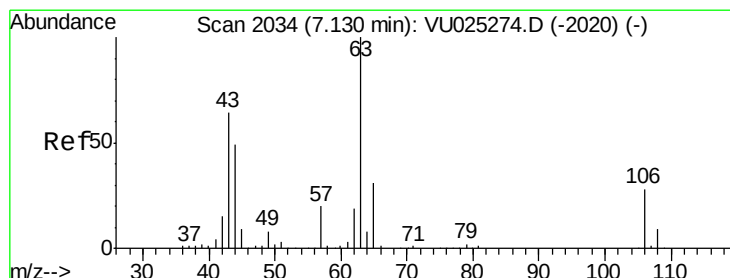
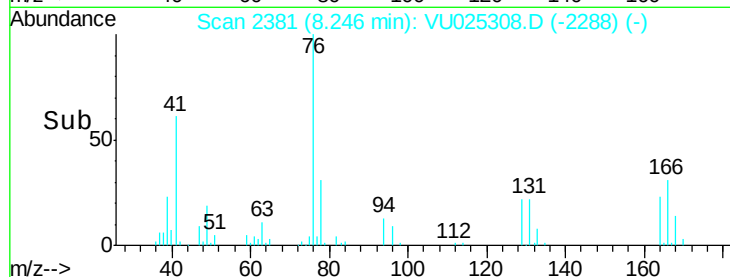
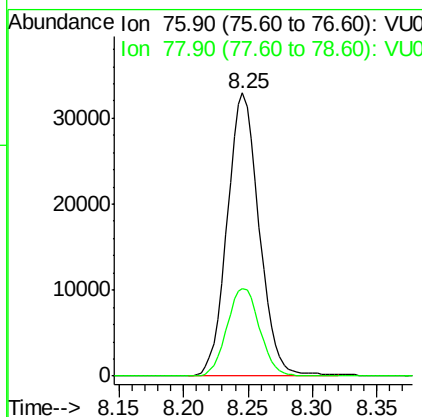
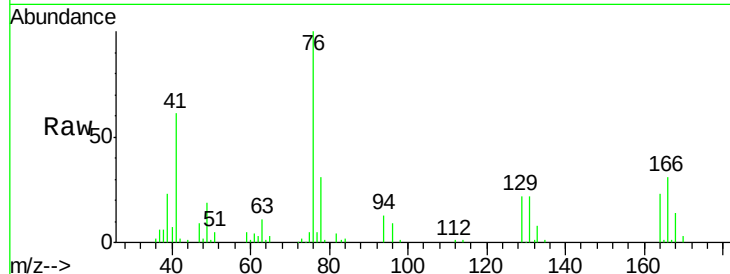
#57
 1,3-Dichloropropane
 Concen: 18.435 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025308.D
 Acq: 11 Jul 2018 12:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

Tgt Ion: 76 Resp: 56749
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.1 39.1

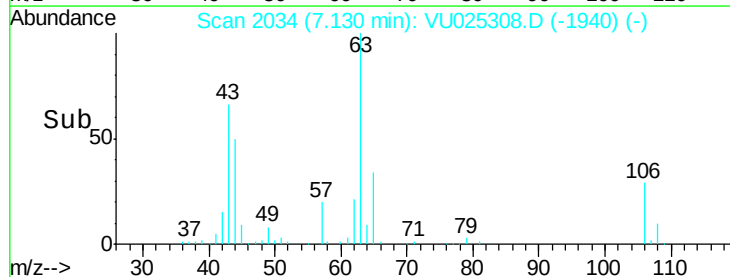
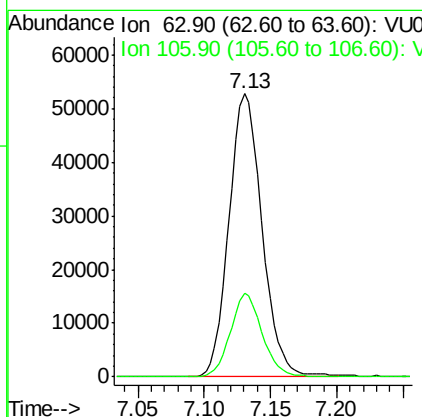
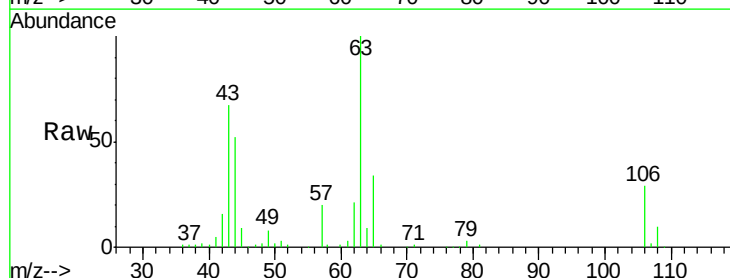
Manual Integrations
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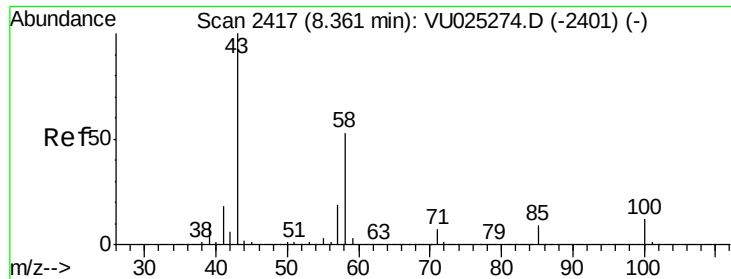
MMDadoda
 7/12/2018 11:04:15 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 72.259 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU025308.D
 Acq: 11 Jul 2018 12:38

Tgt Ion: 63 Resp: 91737
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.3 33.5





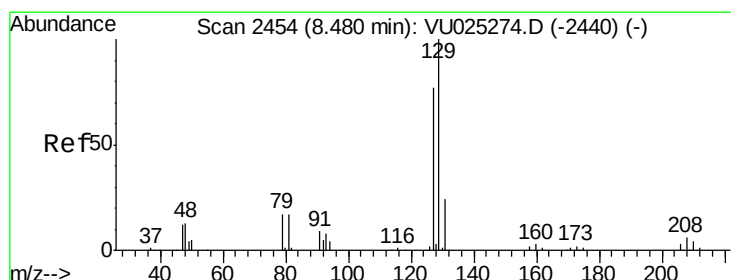
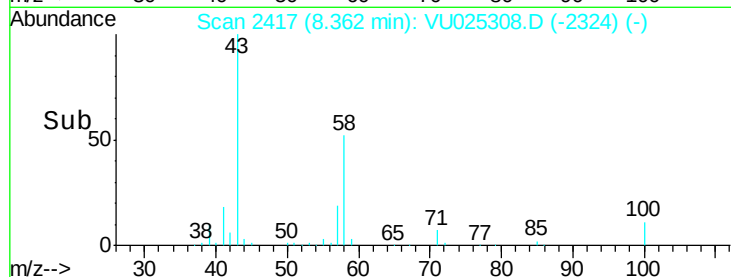
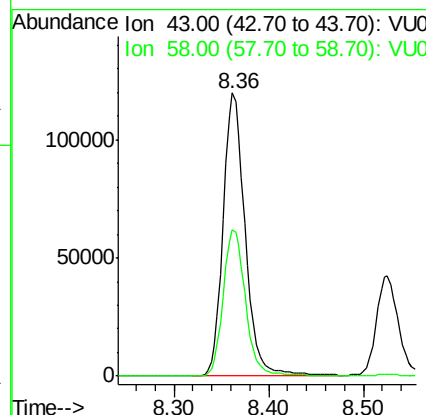
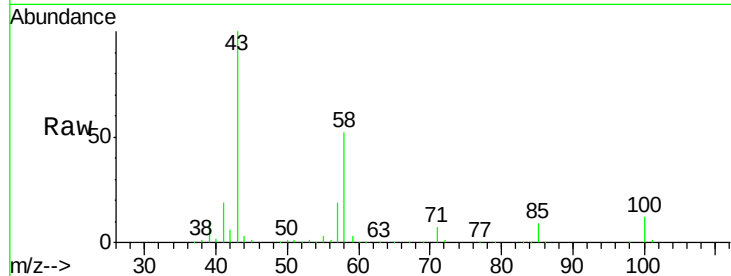
#59
2-Hexanone
Concen: 85.434 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion: 43 Resp: 195345
Ion Ratio Lower Upper
43 100
58 52.3 26.2 78.5

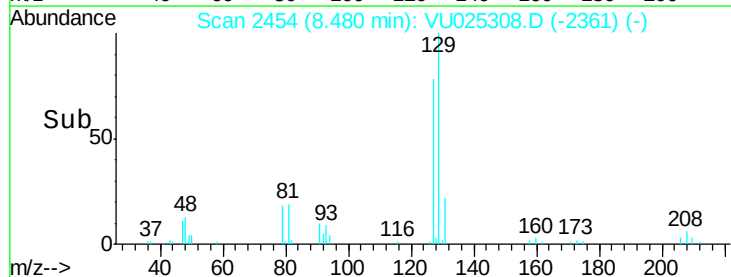
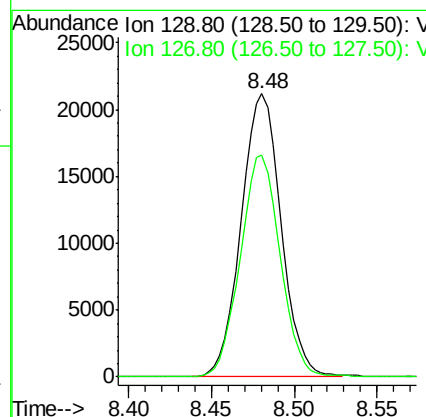
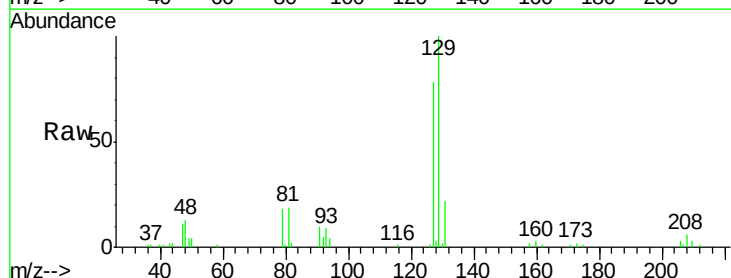
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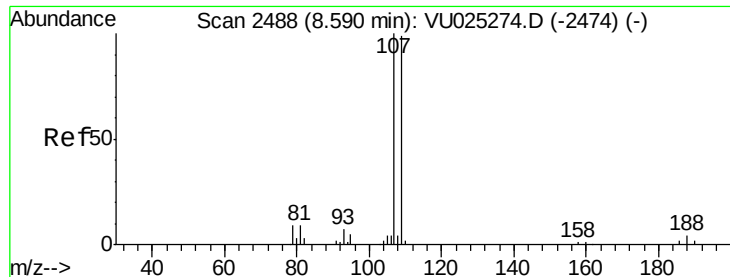
MMDadoda
7/12/2018 11:04:15 AM



#60
Dibromochloromethane
Concen: 17.713 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion: 129 Resp: 35473
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 17.994 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS01

Tgt Ion: 107 Resp: 35702

Ion Ratio Lower Upper

107 100

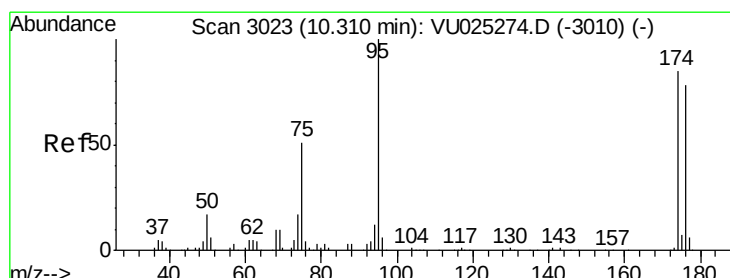
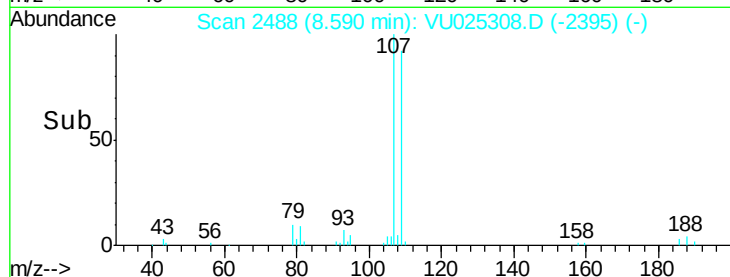
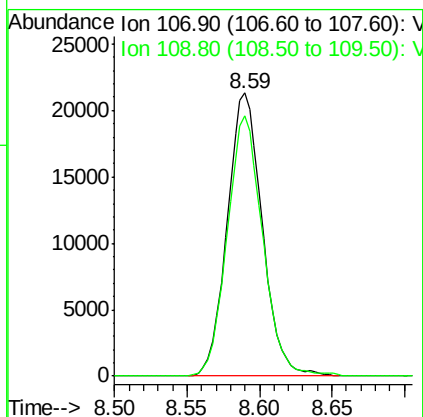
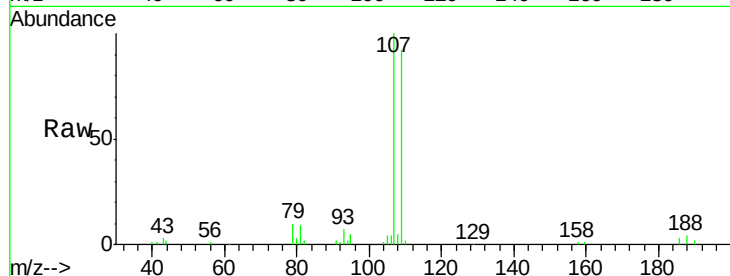
109 93.4 75.8 113.8

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7/12/2018 11:04:15 AM



#62

4-Bromofluorobenzene

Concen: 42.132 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

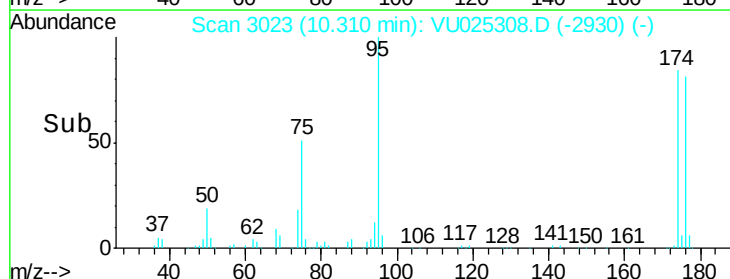
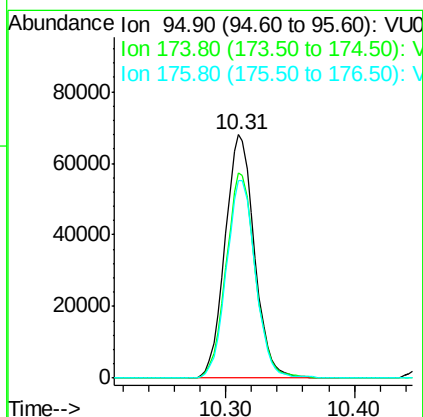
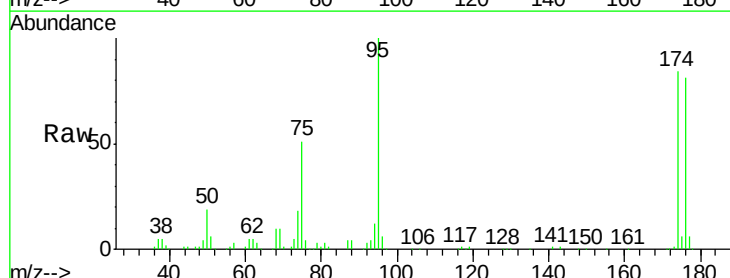
Tgt Ion: 95 Resp: 107037

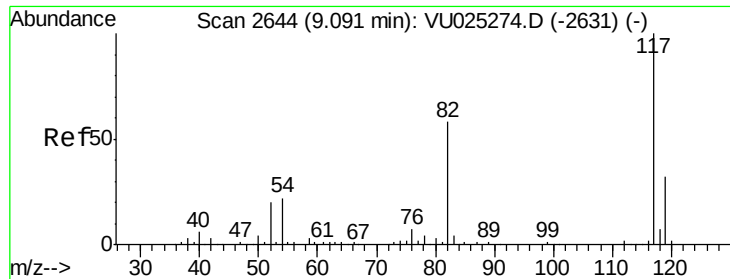
Ion Ratio Lower Upper

95 100

174 83.7 0.0 172.2

176 80.5 0.0 162.6





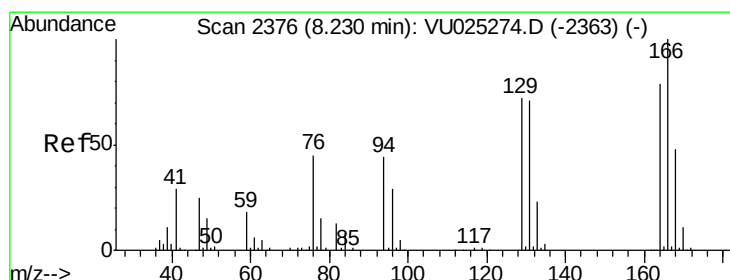
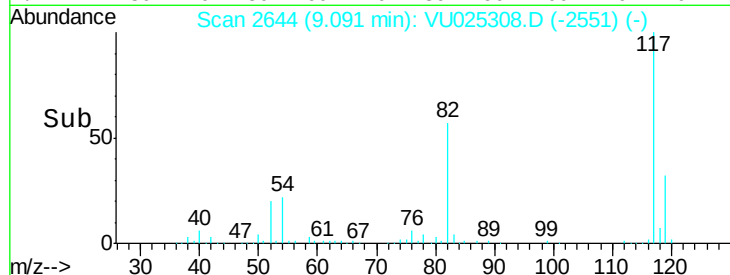
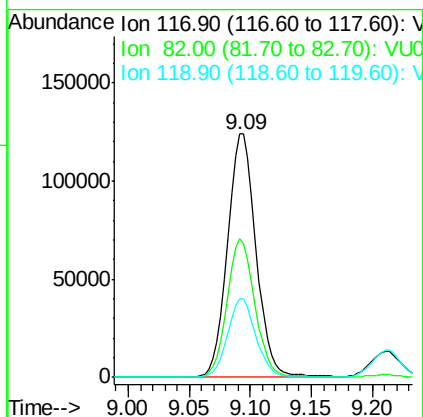
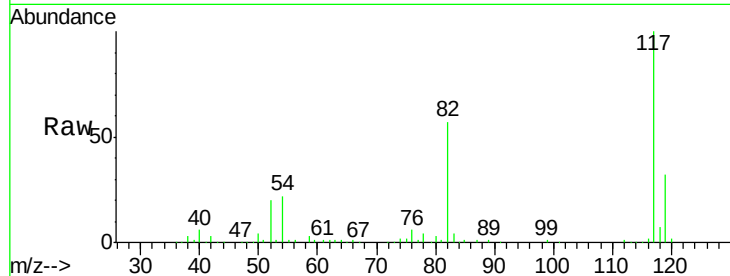
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	203730		
82	56.9	46.0	69.0	
119	32.5	26.0	39.0	

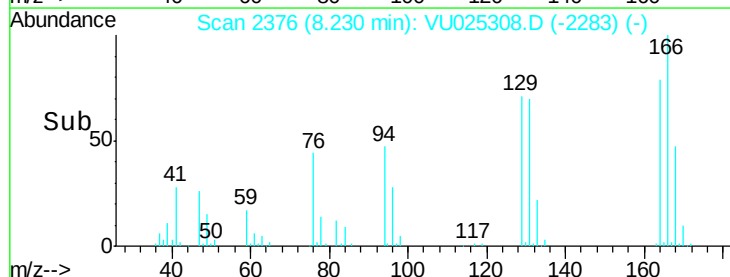
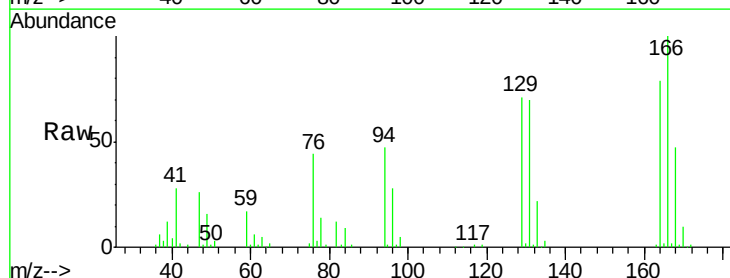
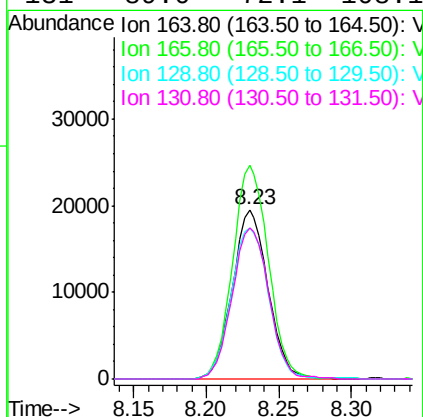
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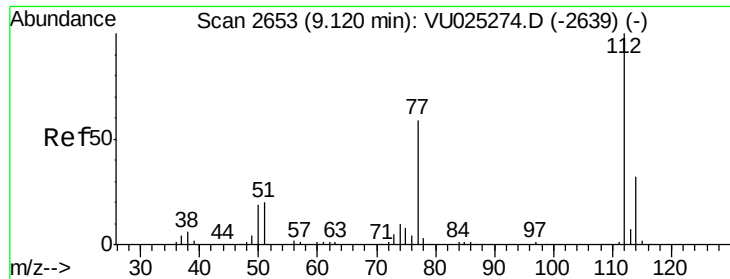
MMDadoda
7/12/2018 11:04:15 AM



#64
Tetrachloroethene
Concen: 17.966 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	33364		
166	126.3	101.1	151.7	
129	89.1	73.0	109.6	
131	89.0	72.1	108.1	





#65

Chlorobenzene

Concen: 17.950 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS01

Tgt Ion:112 Resp: 91354

Ion Ratio Lower Upper

112 100

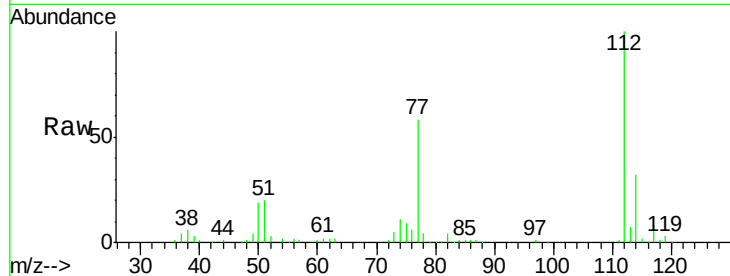
114 32.3 25.8 38.8

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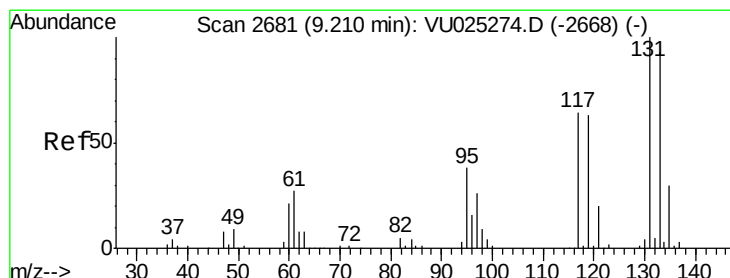
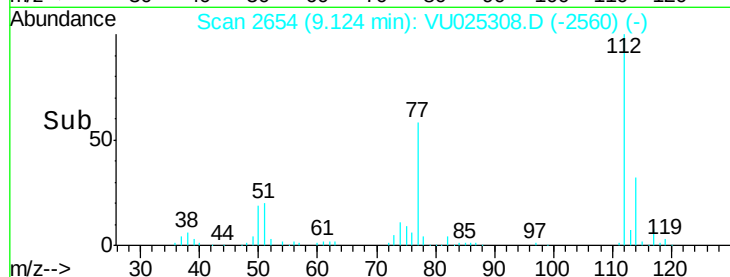
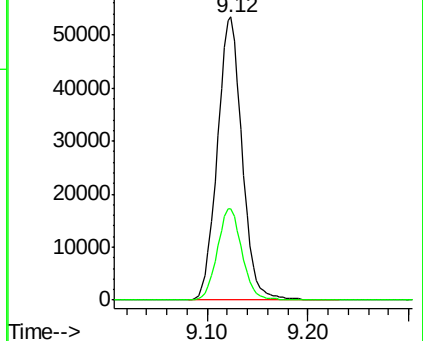
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.523 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

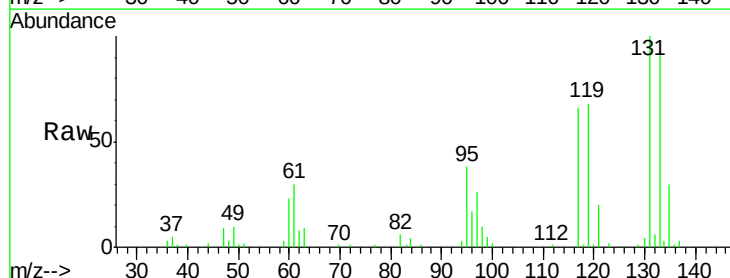
Tgt Ion:131 Resp: 33722

Ion Ratio Lower Upper

131 100

133 94.8 47.8 143.3

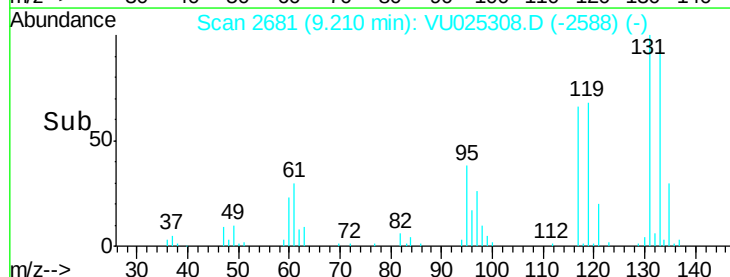
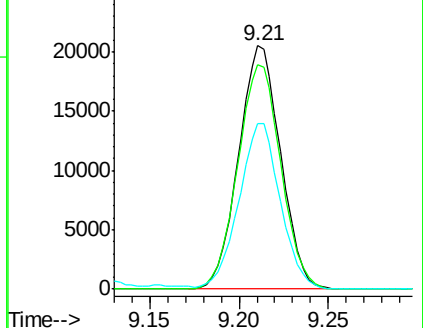
119 67.1 31.6 95.0

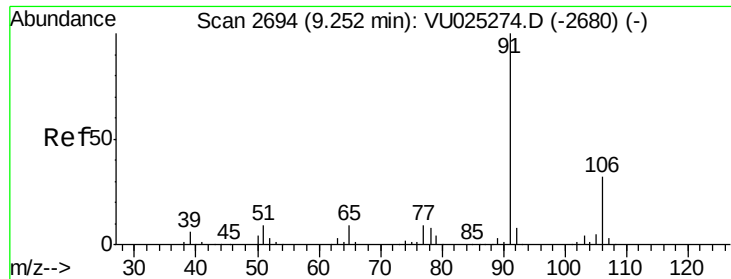


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 17.975 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS01

Tgt Ion: 91 Resp: 155958

Ion Ratio Lower Upper

91 100

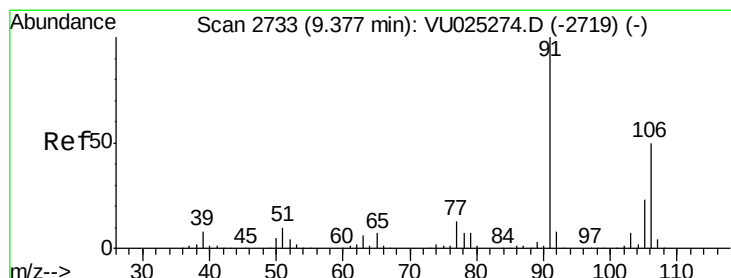
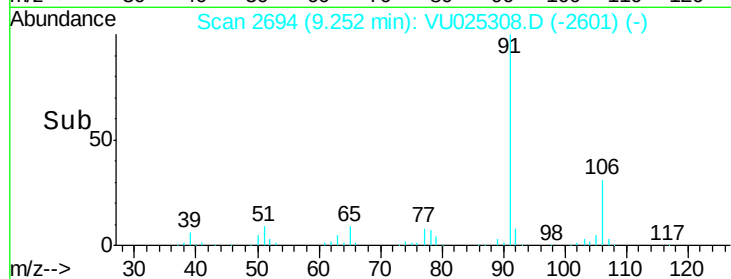
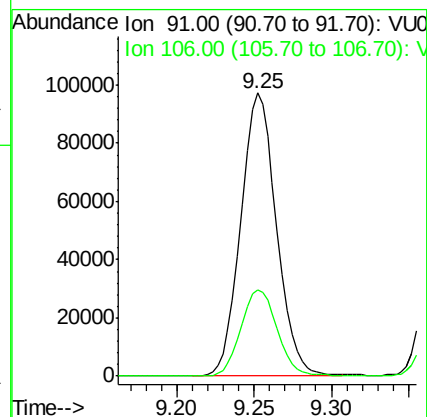
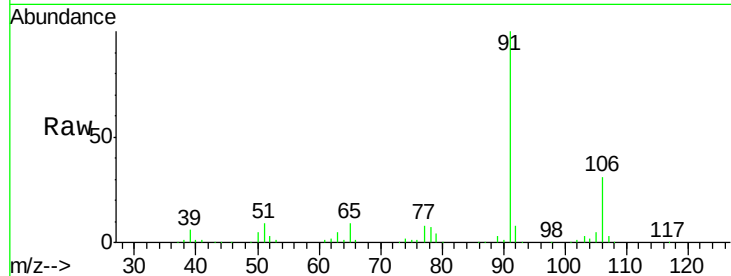
106 30.7 25.3 37.9

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#68

m/p-Xylenes

Concen: 35.764 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025308.D

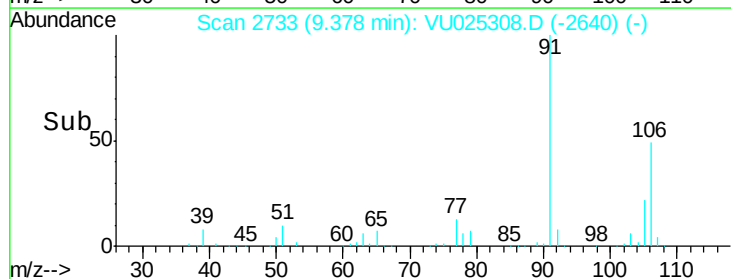
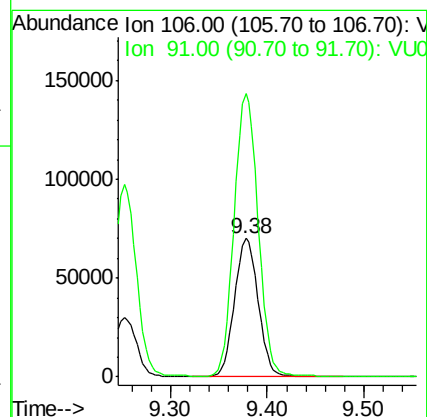
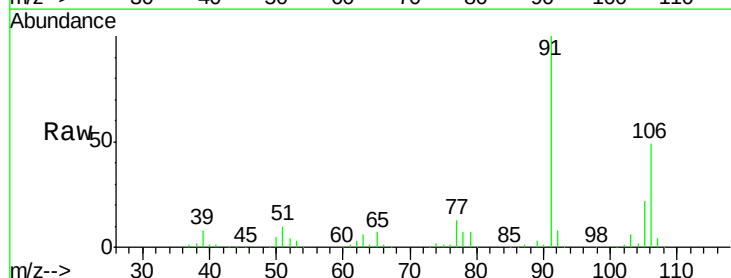
Acq: 11 Jul 2018 12:38

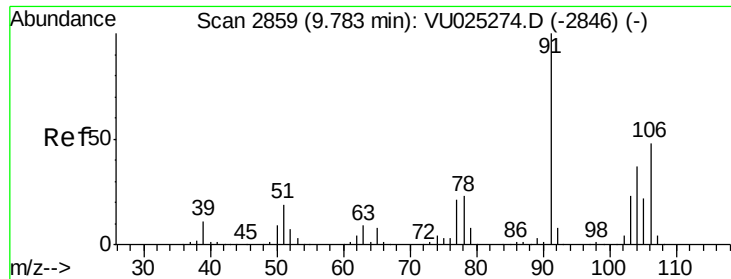
Tgt Ion: 106 Resp: 119968

Ion Ratio Lower Upper

106 100

91 204.4 162.3 243.5





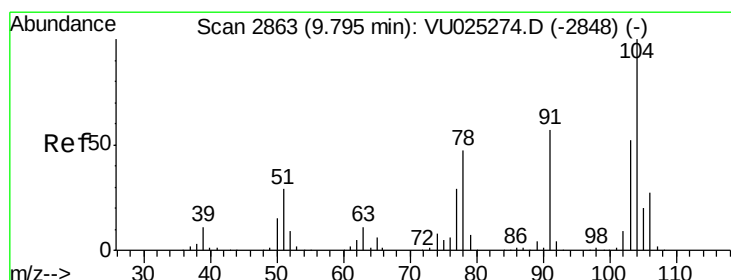
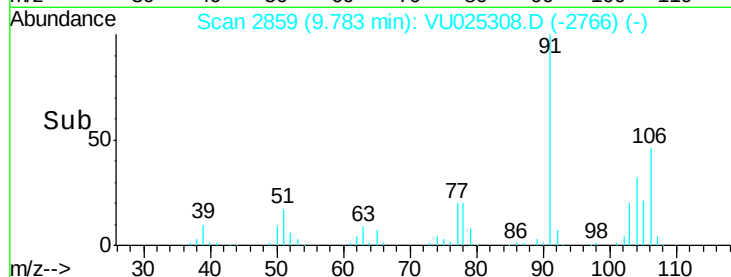
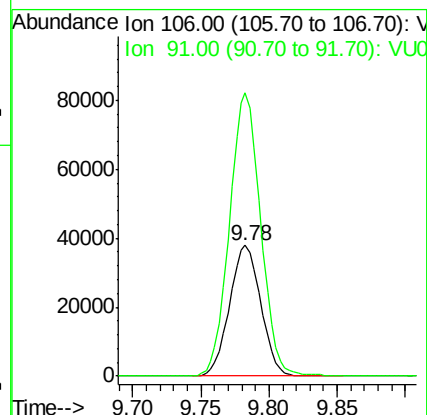
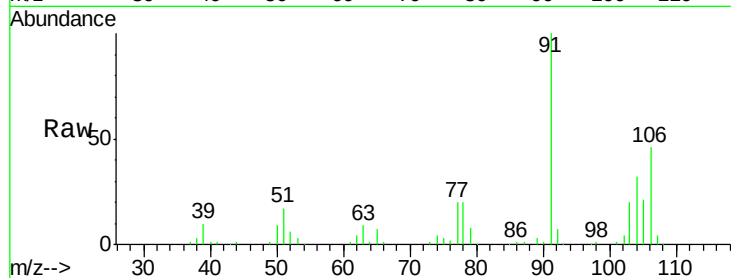
#69
o-Xylene
Concen: 18.005 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion:106 Resp: 60466
Ion Ratio Lower Upper
106 100
91 215.4 105.3 315.8

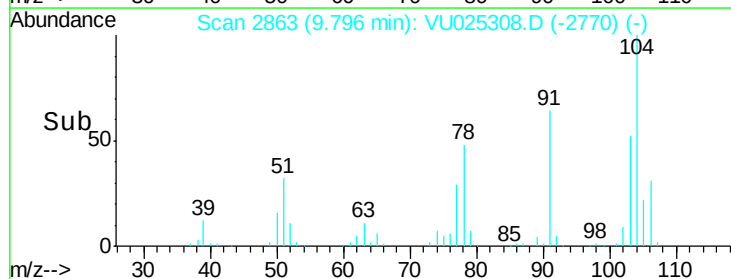
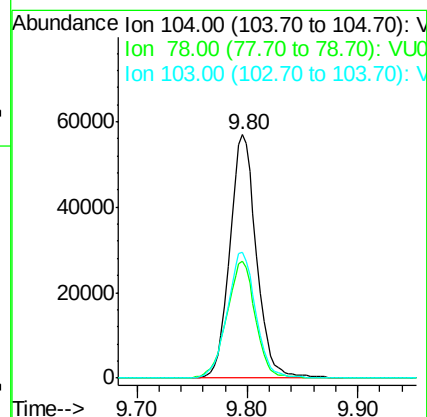
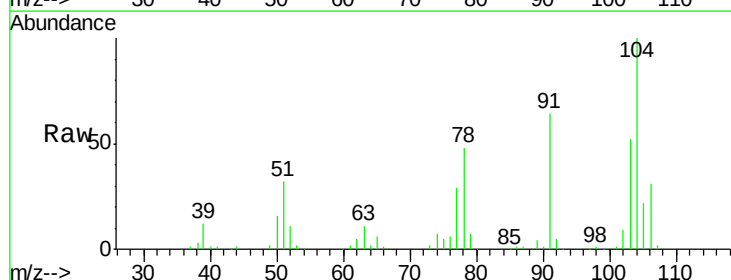
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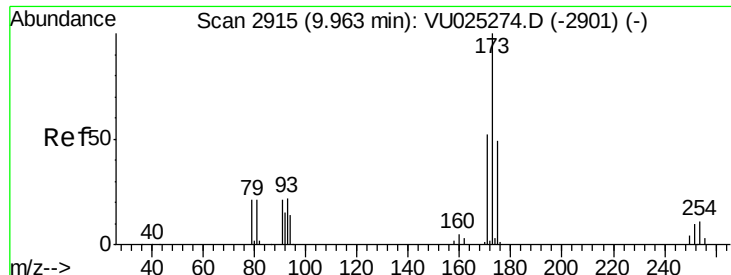
MMDadoda
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#70
Styrene
Concen: 17.831 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion:104 Resp: 95122
Ion Ratio Lower Upper
104 100
78 51.6 41.6 62.4
103 55.4 44.6 66.8





#71

Bromoform

Concen: 18.394 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

Instrument :

MSVOA_U

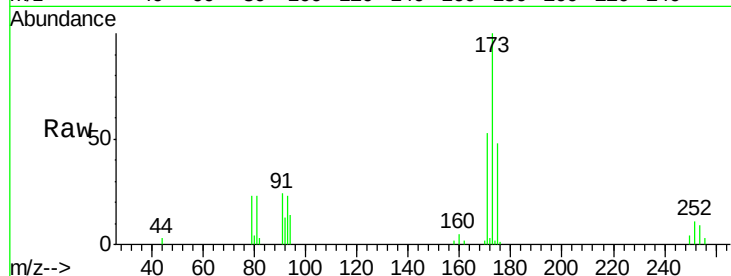
ClientSampleId :

VU0711WBS01

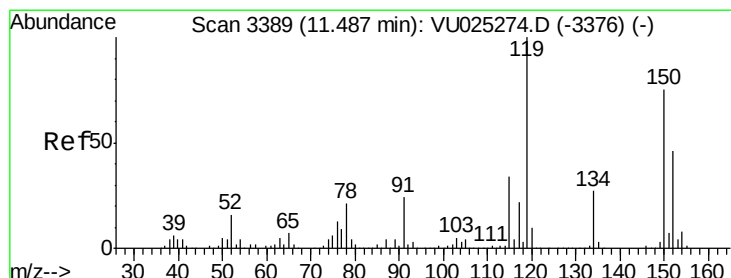
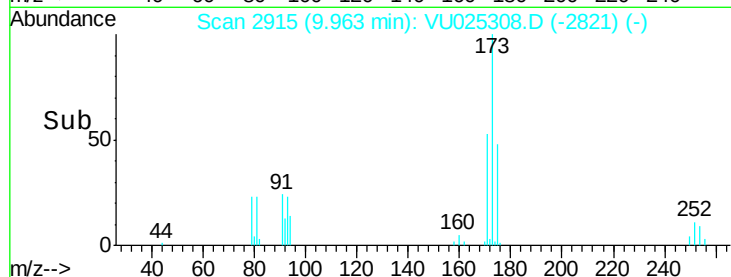
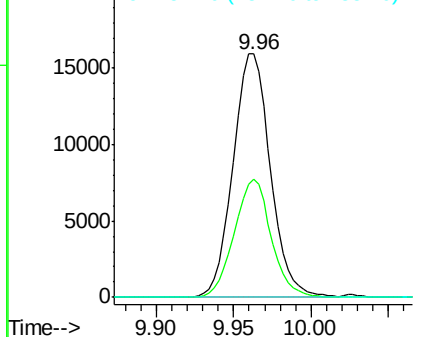
Tgt Ion:	173	Resp:	26745
Ion Ratio	Lower	Upper	
173	100		
175	47.7	24.0	72.0
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

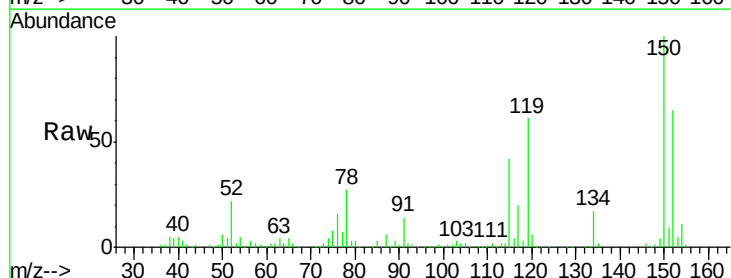
RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

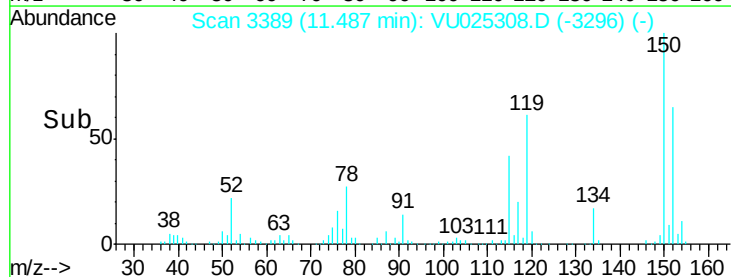
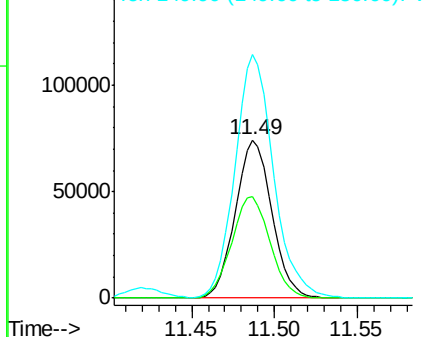
Lab File: VU025308.D

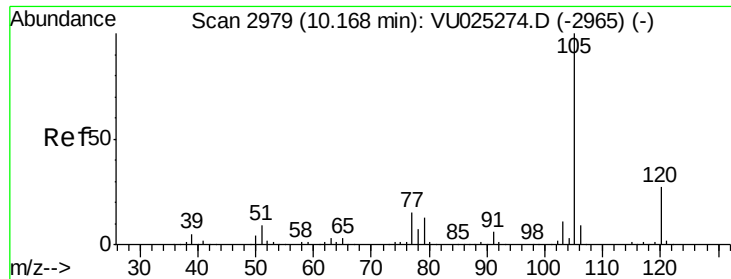
Acq: 11 Jul 2018 12:38

Tgt Ion:	152	Resp:	113832
Ion Ratio	Lower	Upper	
152	100		
115	67.7	40.1	120.3
150	162.6	0.0	351.4



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





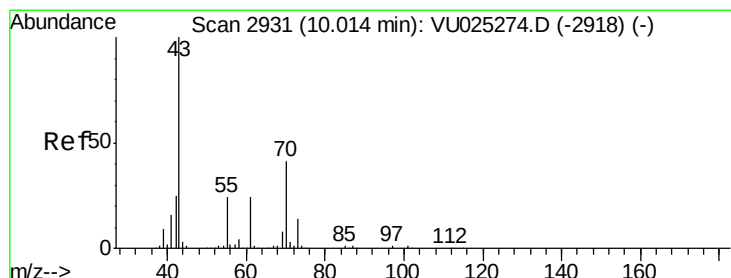
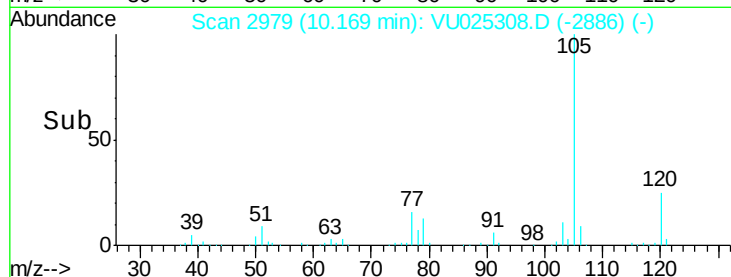
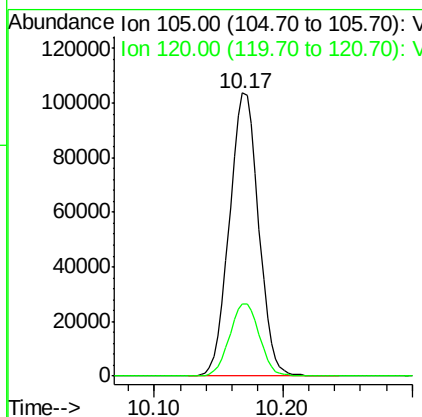
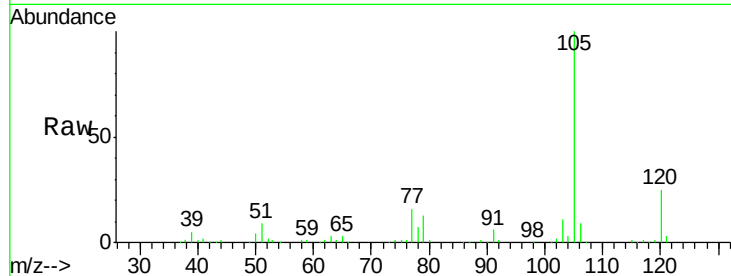
#73
Isopropylbenzene
Concen: 18.744 ug/l
RT: 10.17 min Scan# 2979
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion: 105 Resp: 163021
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.5

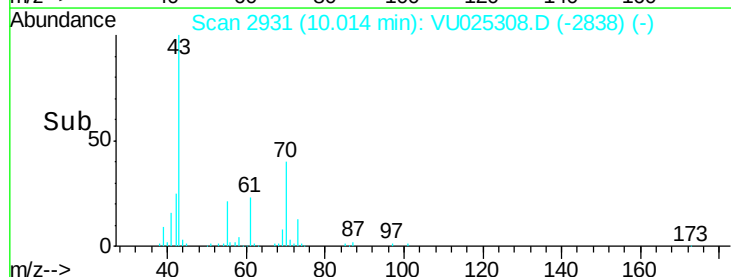
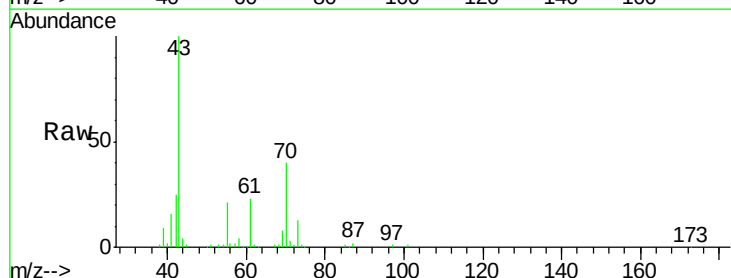
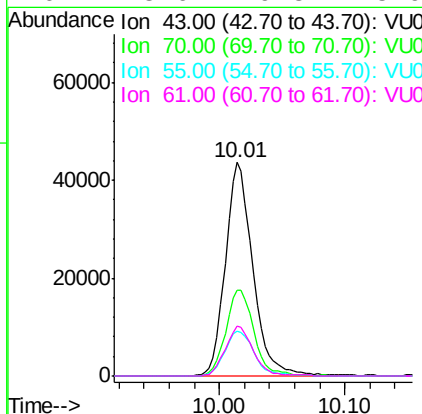
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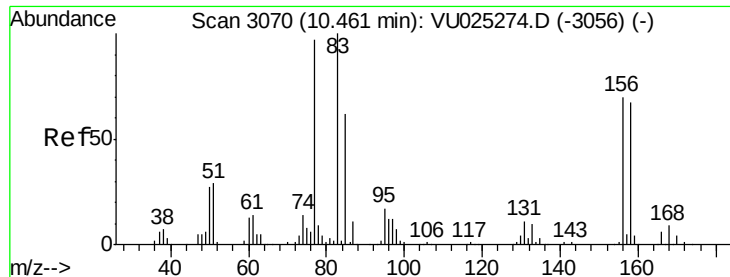
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#74
N-ethyl acetate
Concen: 19.388 ug/l
RT: 10.01 min Scan# 2931
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion: 43 Resp: 66184
Ion Ratio Lower Upper
43 100
70 41.3 33.4 50.2
55 22.5 19.0 28.6
61 23.6 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.736 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

Instrument :

MSVOA_U

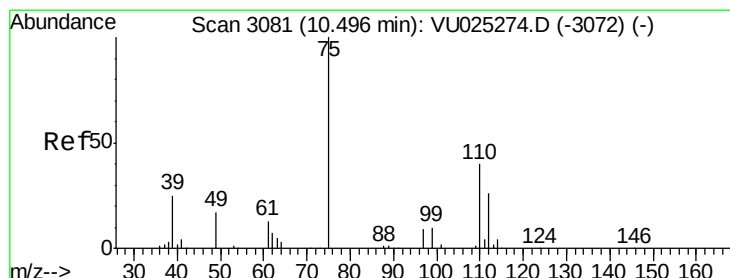
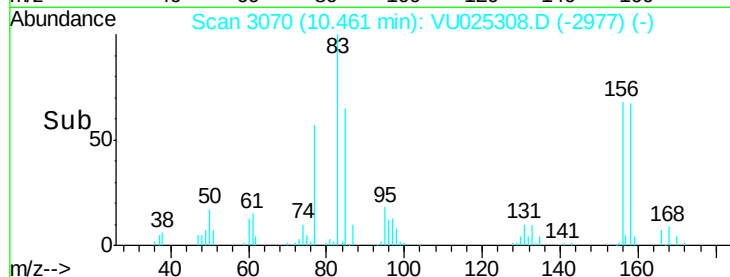
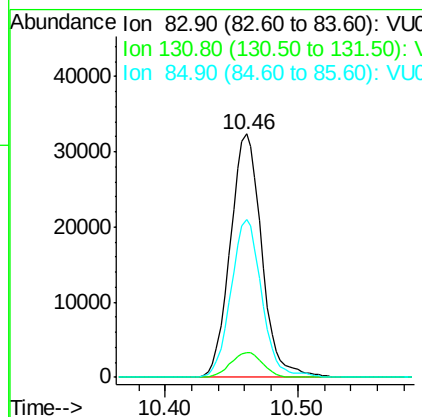
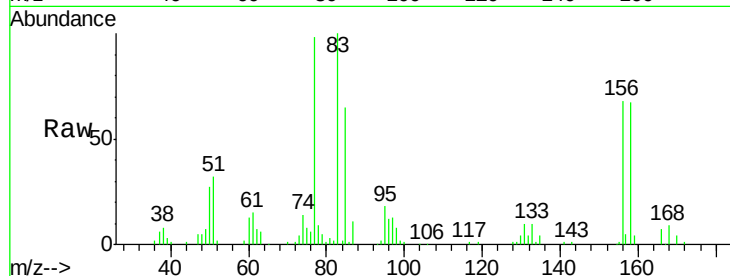
ClientSampleId :

VU0711WBS01

Tgt Ion:	83	Resp:	53313
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.5	16.4
85	63.6	31.6	94.8

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#76

1,2,3-Trichloropropane

Concen: 19.747 ug/l m

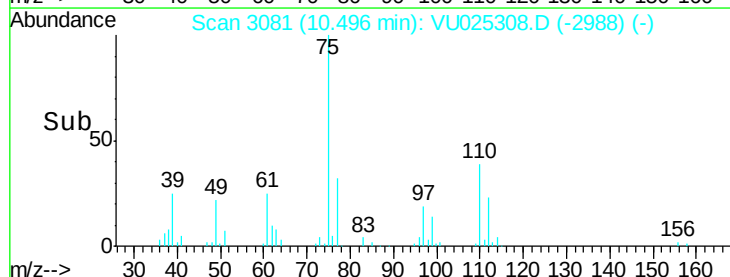
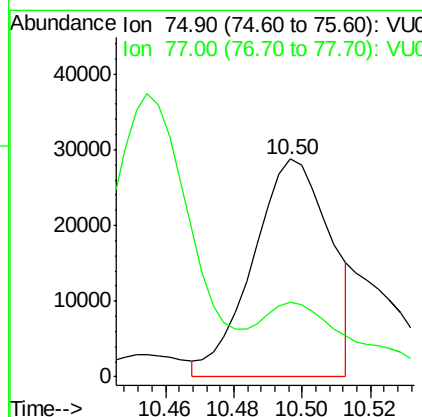
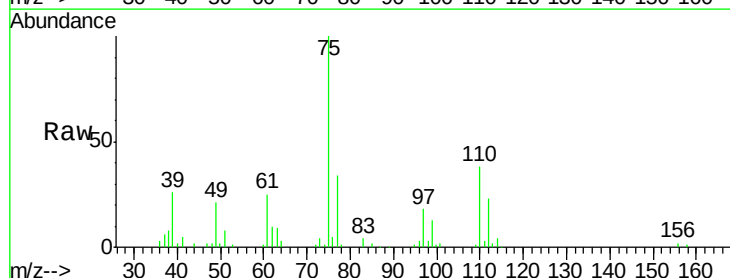
RT: 10.50 min Scan# 3081

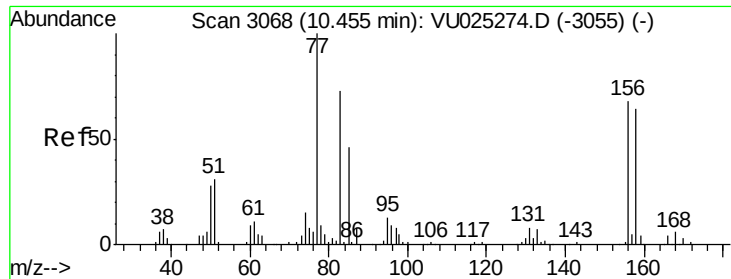
Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

Tgt Ion:	75	Resp:	45112
Ion Ratio	Lower	Upper	
75	100		
77	43.0	20.4	61.3





#77

Bromobenzene

Concen: 18.256 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

Instrument :

MSVOA_U

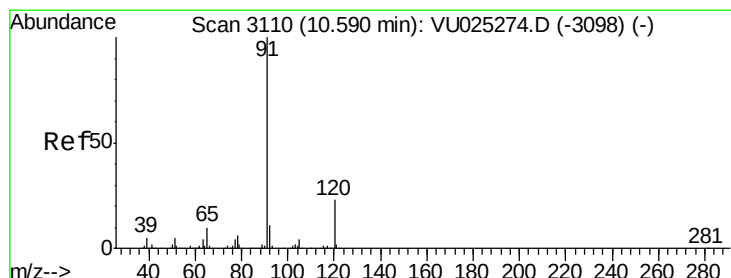
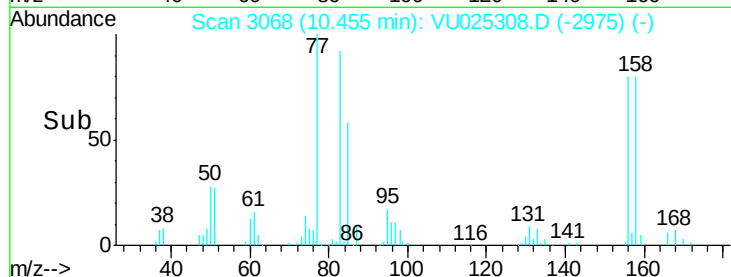
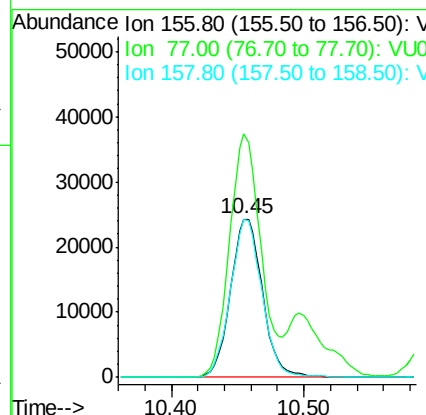
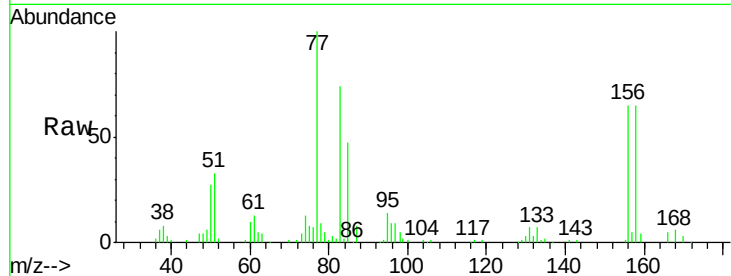
ClientSampleId :

VU0711WBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	152.8	73.8	221.4
158	98.5	48.0	144.0

Manual Integrations
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#78

n-propylbenzene

Concen: 18.549 ug/l

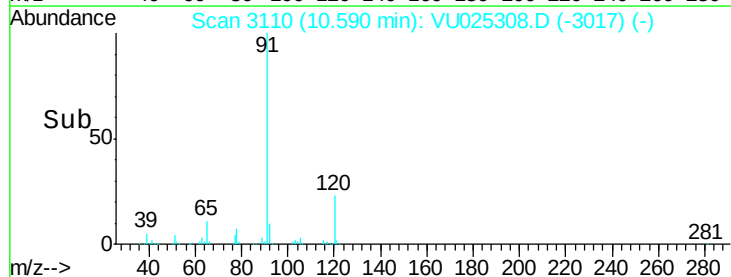
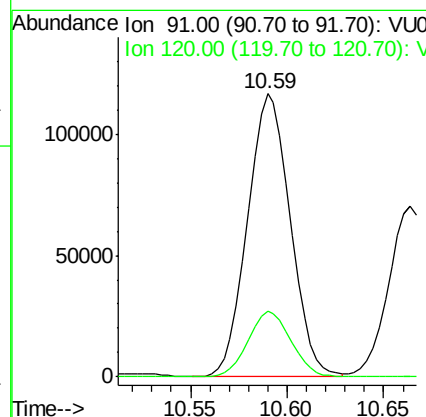
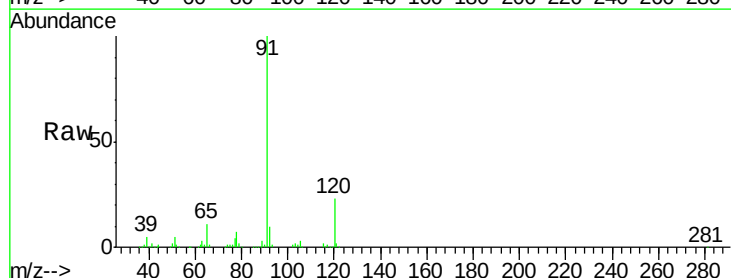
RT: 10.59 min Scan# 3110

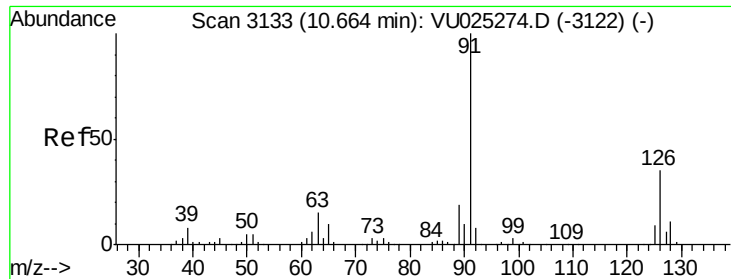
Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.8	35.3





#79

2-Chlorotoluene

Concen: 19.851 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS01

Tgt Ion: 91 Resp: 109522

Ion Ratio Lower Upper

91 100

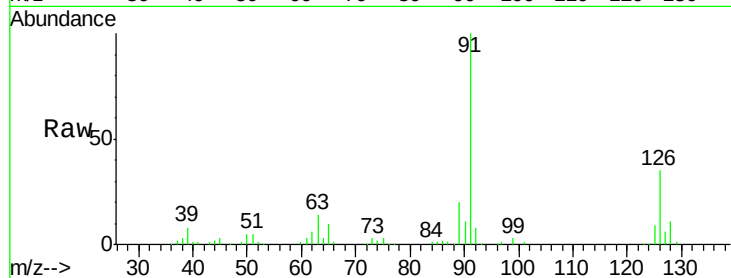
126 35.4 17.5 52.6

Manual Integrations

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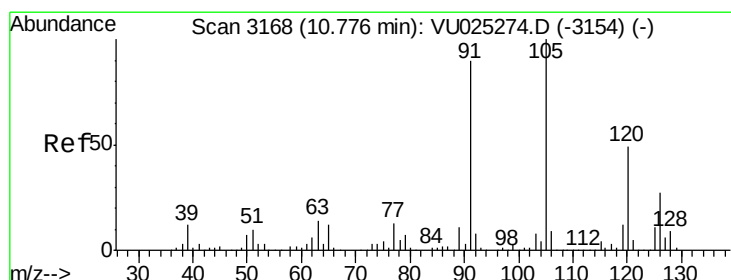
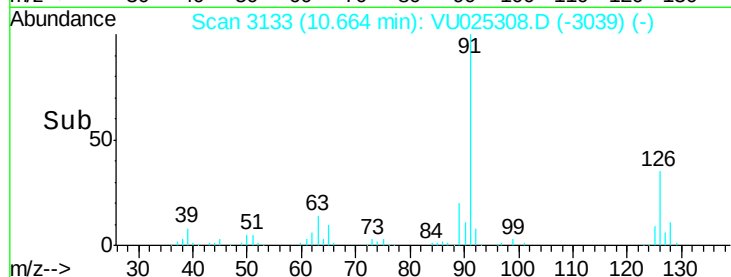
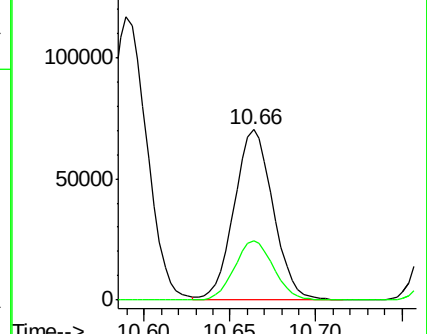
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Abundance Ion 91.00 (90.70 to 91.70): VU025274.D (-3122) (-)

Ion 125.90 (125.60 to 126.60): VU025274.D (-3122) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.715 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025308.D

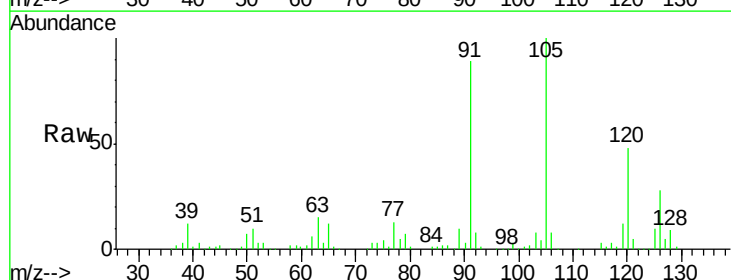
Acq: 11 Jul 2018 12:38

Tgt Ion: 105 Resp: 136963

Ion Ratio Lower Upper

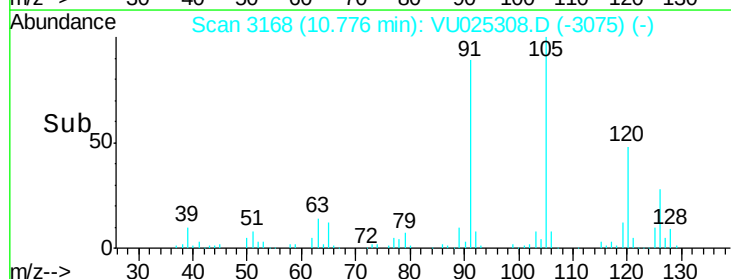
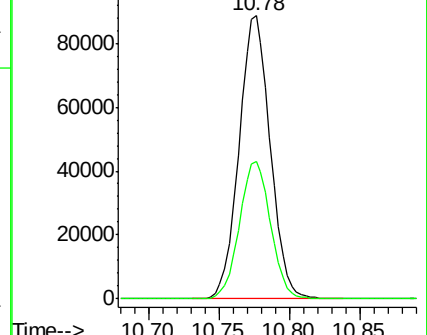
105 100

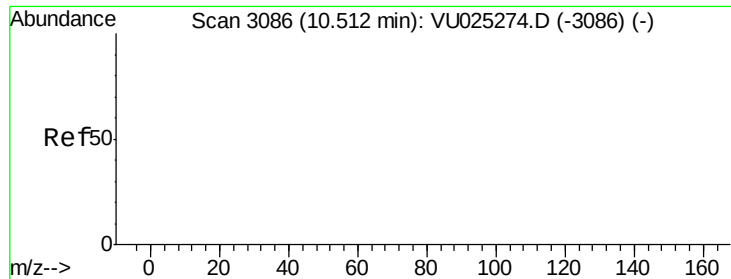
120 48.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VU025274.D (-3154) (-)

Ion 120.00 (119.70 to 120.70): VU025274.D (-3154) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.719 ug/l m

RT: 10.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

Instrument :

MSVOA_U

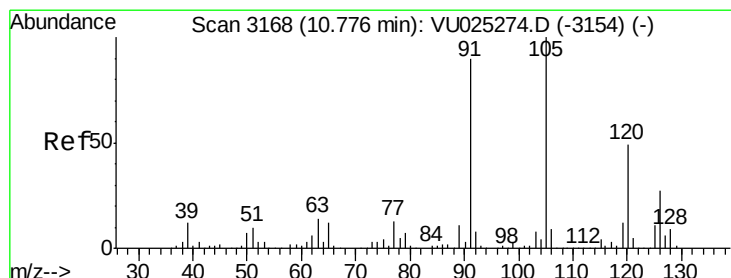
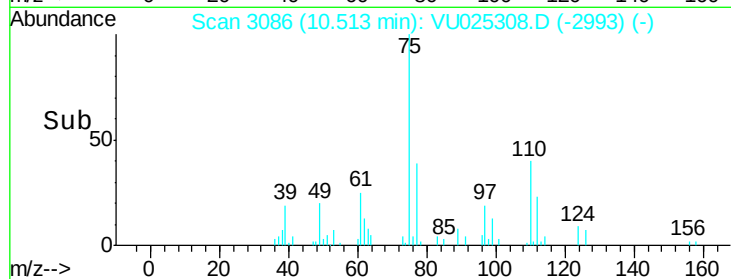
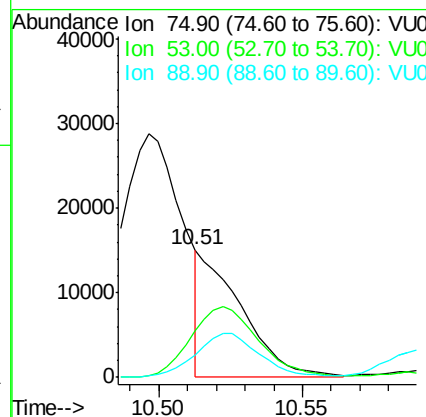
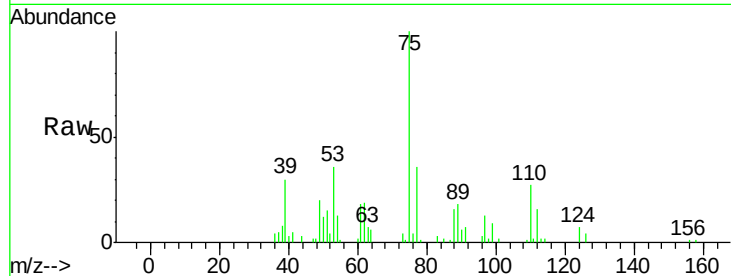
ClientSampleId :

VU0711WBS01

Tgt Ion:	75	Resp:	15162
Ion Ratio	Lower	Upper	
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

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#82

4-Chlorotoluene

Concen: 18.366 ug/l

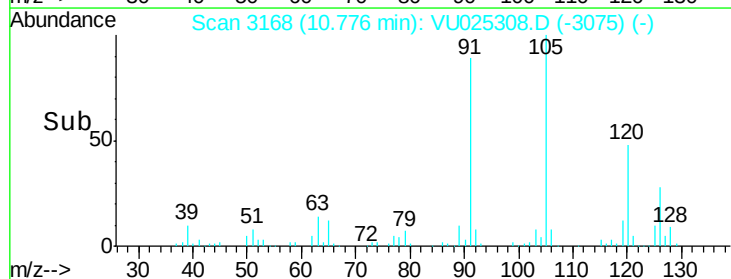
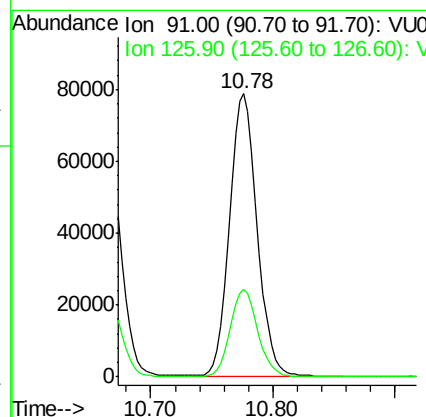
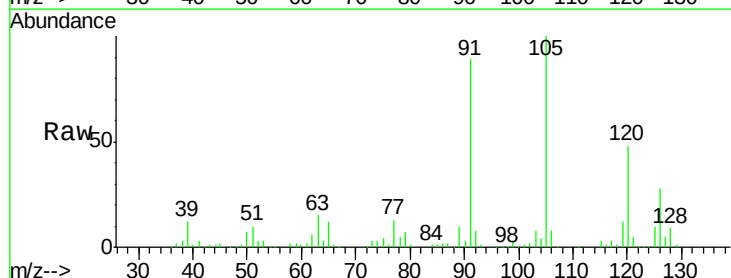
RT: 10.78 min Scan# 3168

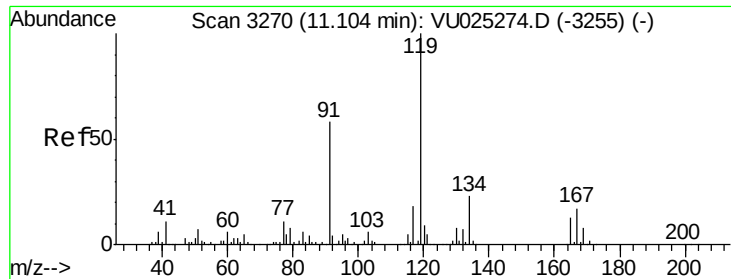
Delta R.T. 0.00 min

Lab File: VU025308.D

Acq: 11 Jul 2018 12:38

Tgt Ion:	91	Resp:	125511
Ion Ratio	Lower	Upper	
91	100		
126	30.8	15.3	45.9





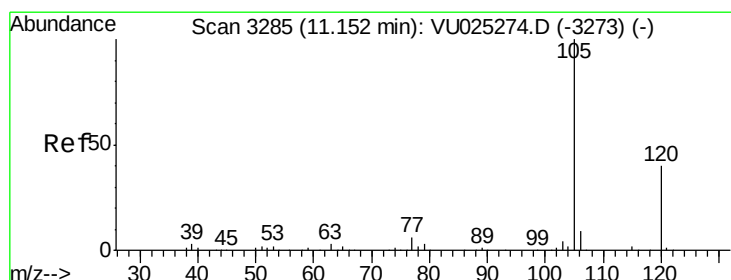
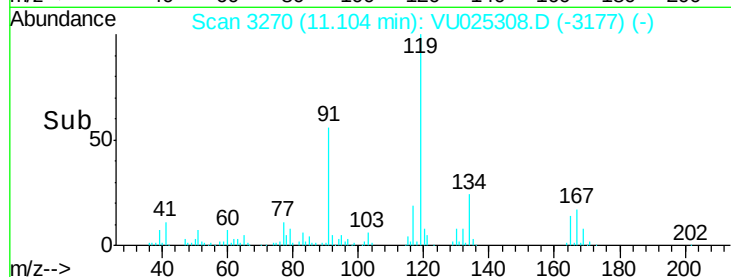
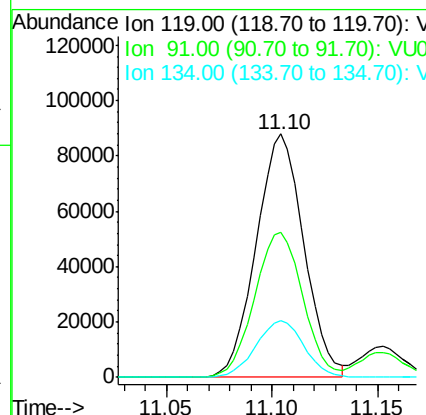
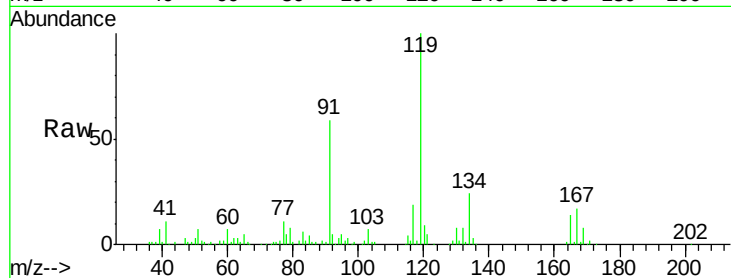
#83
 tert-Butylbenzene
 Concen: 18.672 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025308.D
 Acq: 11 Jul 2018 12:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	138085		
91	60.4	29.7	89.1	
134	23.6	11.5	34.5	

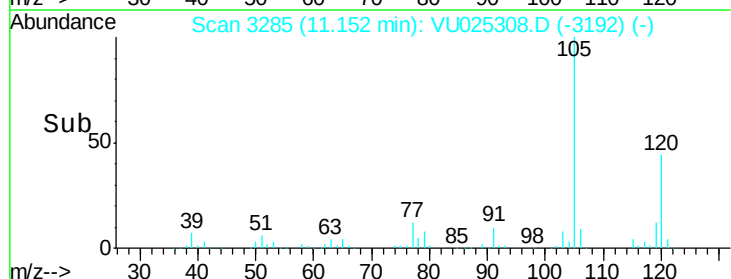
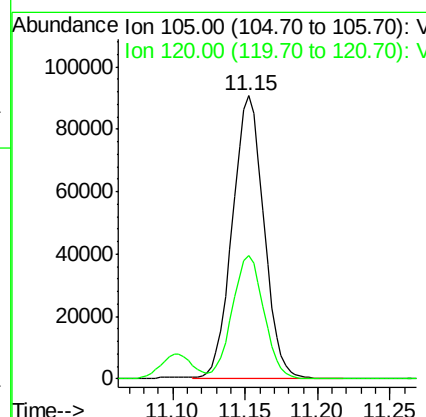
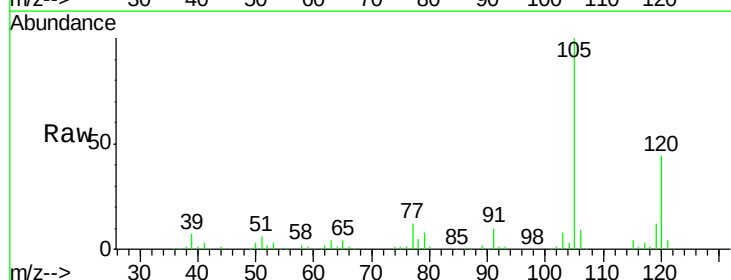
Manual Integrations
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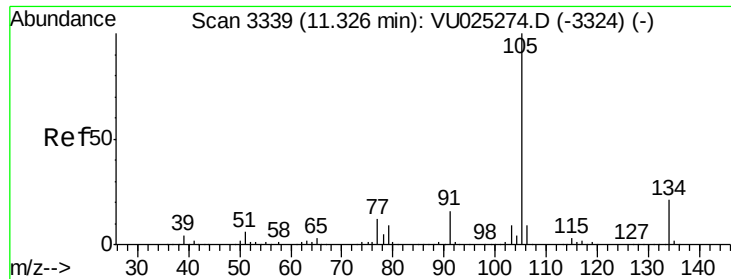
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.183 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025308.D
 Acq: 11 Jul 2018 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	136383		
120	43.7	22.3	66.8	





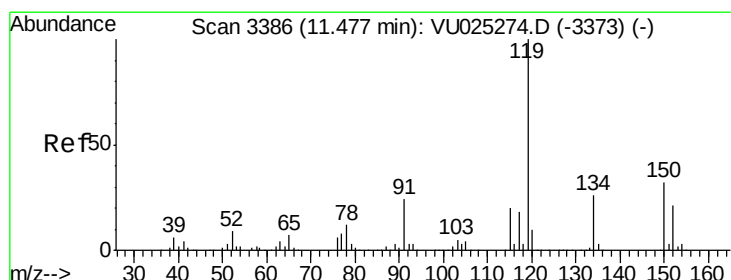
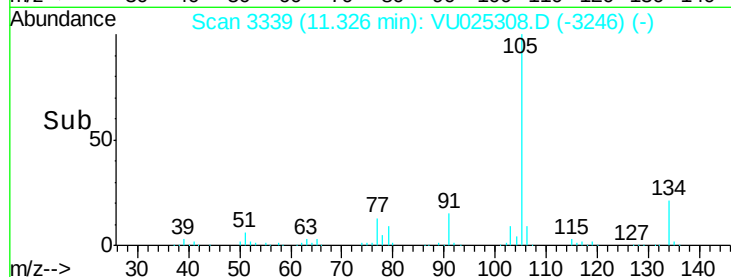
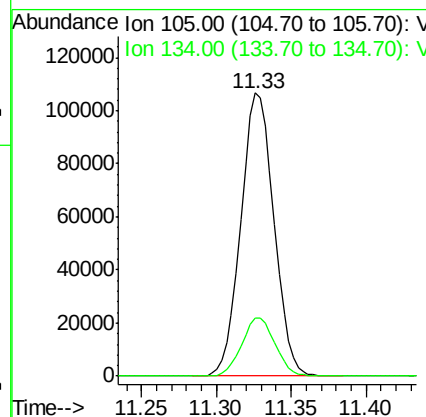
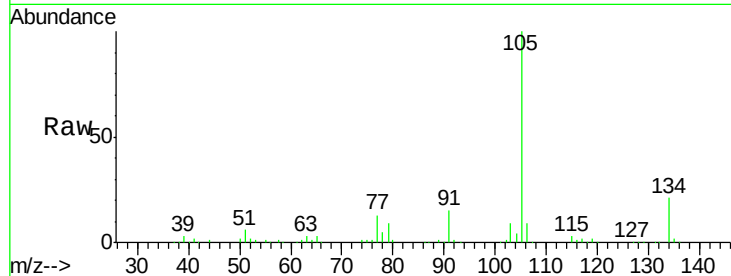
#85
 sec-Butylbenzene
 Concen: 18.854 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025308.D
 Acq: 11 Jul 2018 12:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

Tgt Ion: 105 Resp: 164175
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.8

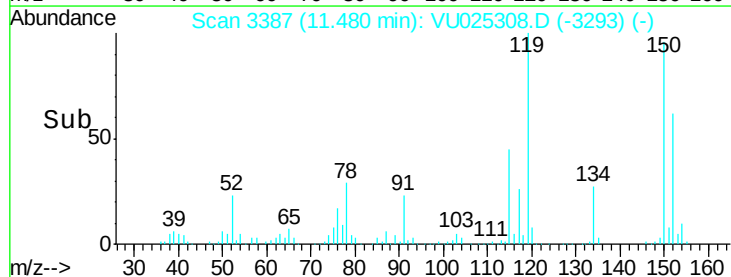
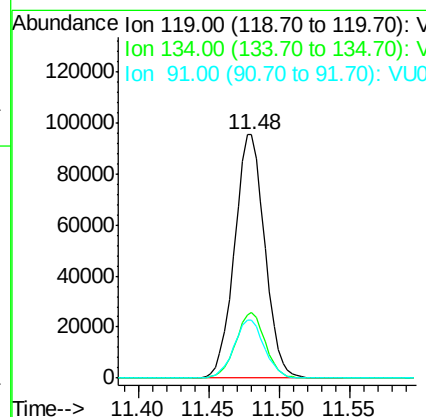
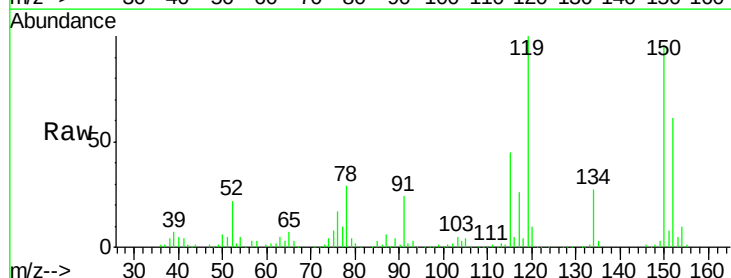
Manual Integrations
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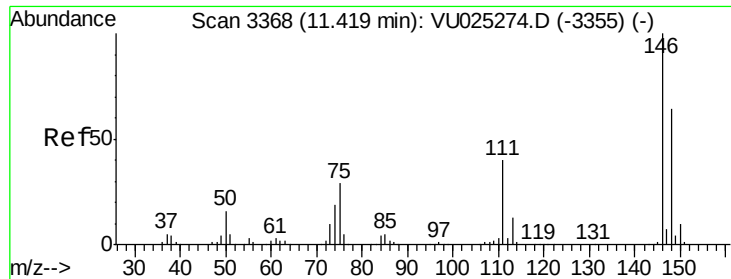
MMDadoda
 7/12/2018 11:04:15 AM



#86
 p-Isopropyltoluene
 Concen: 18.556 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025308.D
 Acq: 11 Jul 2018 12:38

Tgt Ion: 119 Resp: 143072
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 24.0 12.0 36.1





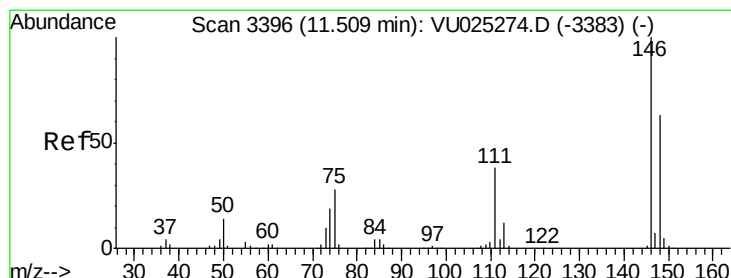
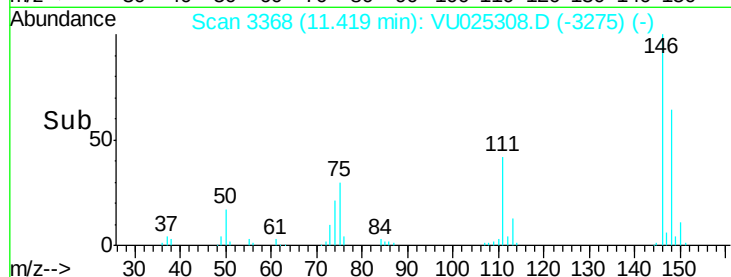
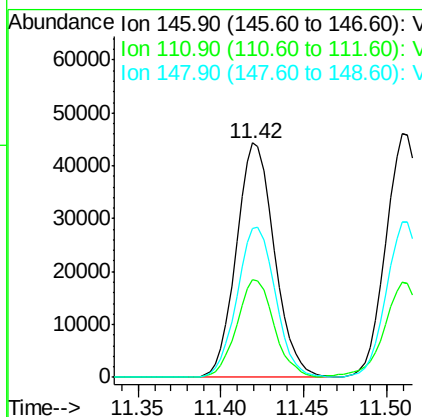
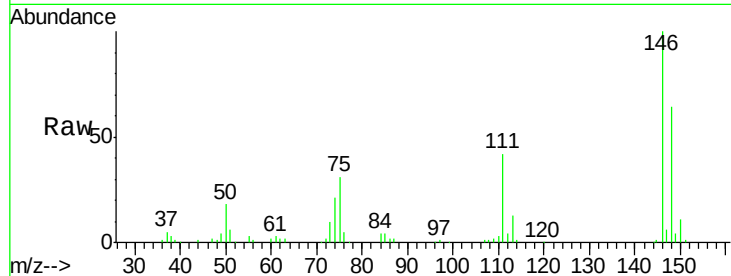
#87
 1,3-Dichlorobenzene
 Concen: 17.475 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025308.D
 Acq: 11 Jul 2018 12:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.7	59.1
148	64.4	32.1	96.3

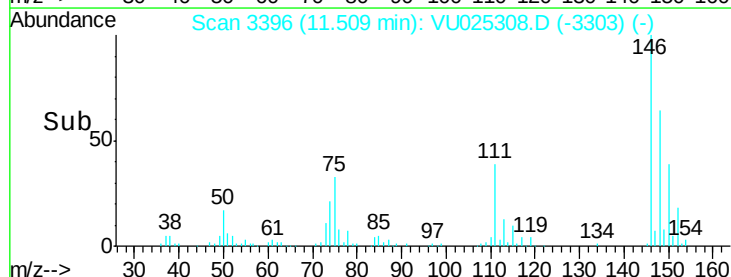
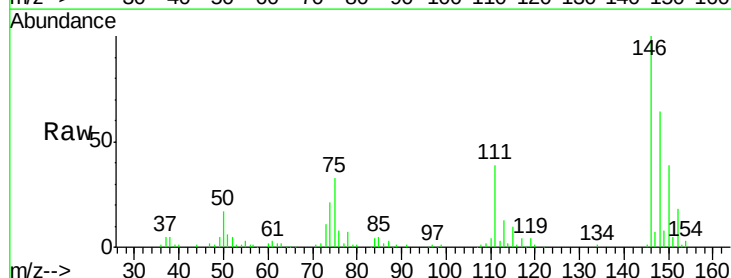
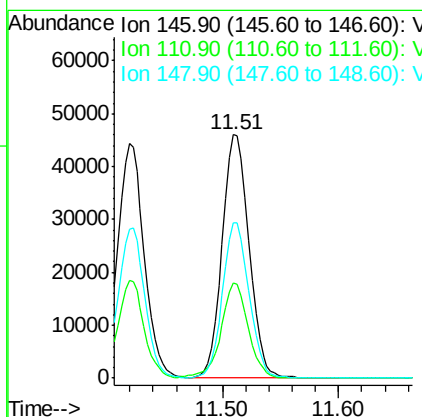
Manual Integrations
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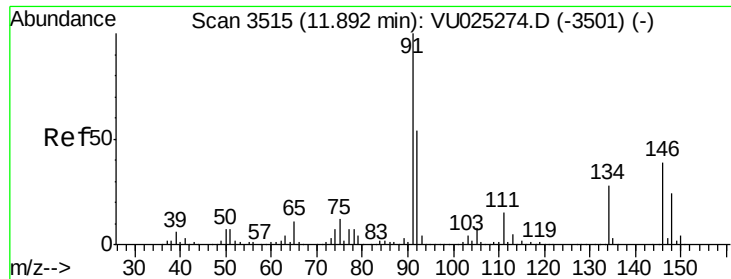
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#88
 1,4-Dichlorobenzene
 Concen: 19.519 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025308.D
 Acq: 11 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.1
148	63.2	31.7	95.1





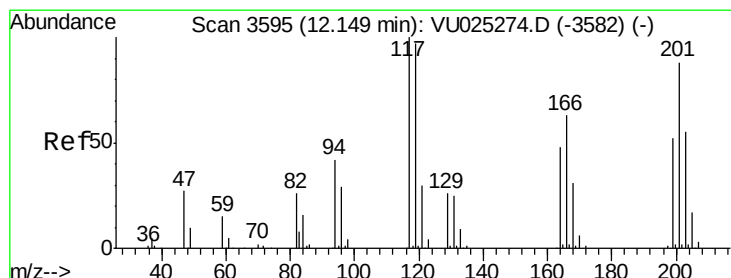
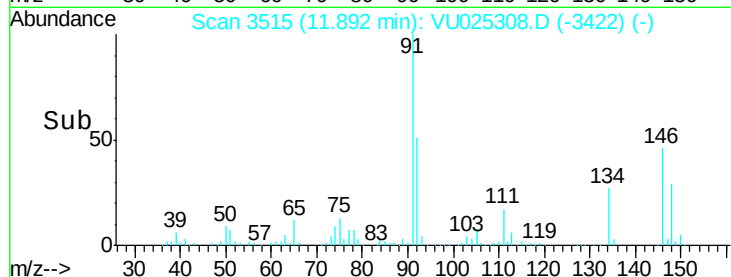
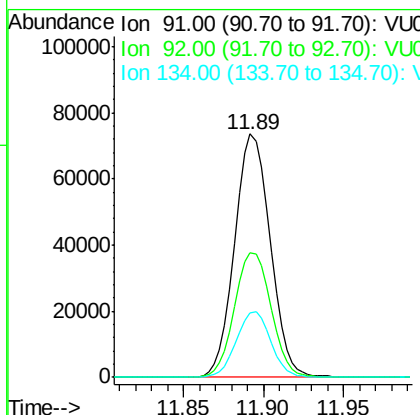
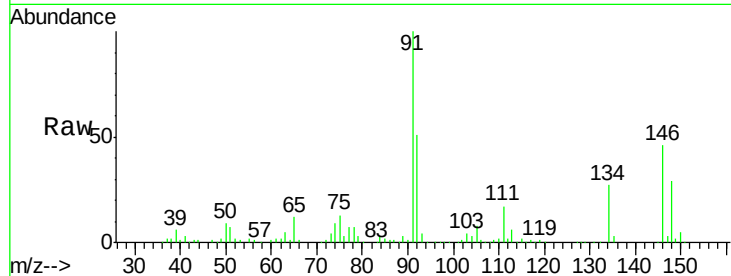
#89
n-Butylbenzene
Concen: 17.653 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
91	100		
92	52.6	26.5	79.5
134	25.9	13.6	40.7

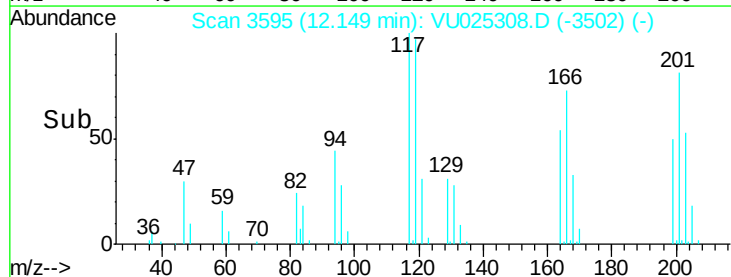
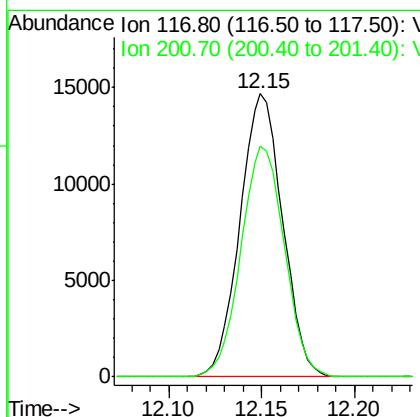
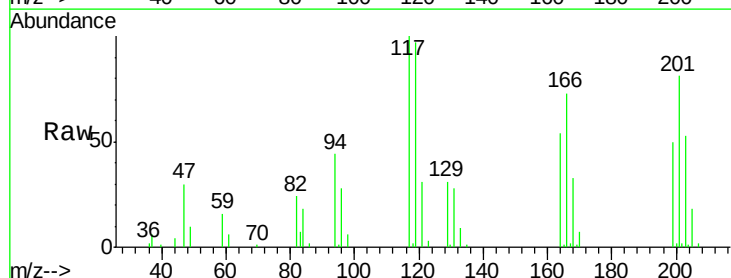
Manual Integrations
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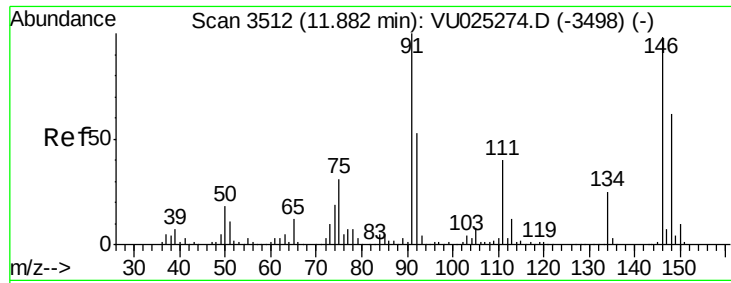
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#90
Hexachloroethane
Concen: 17.948 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
201	83.2	42.5	127.6





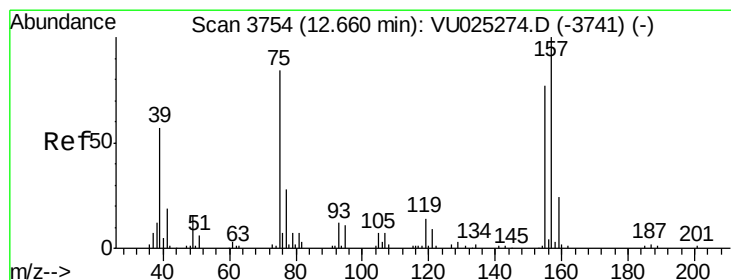
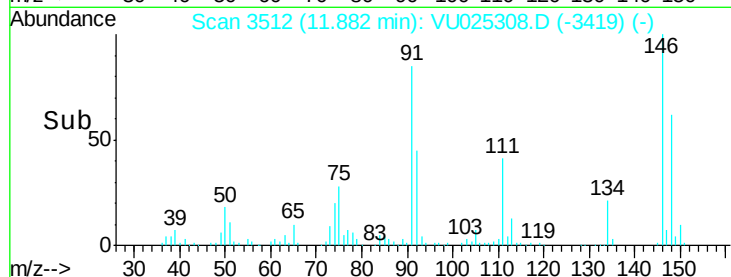
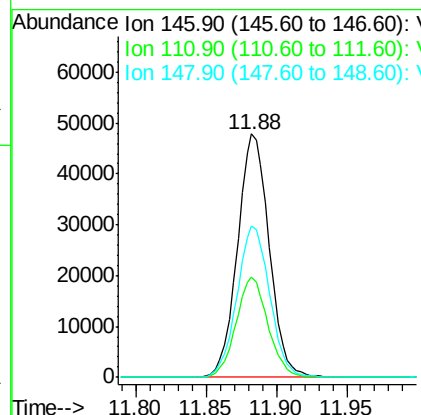
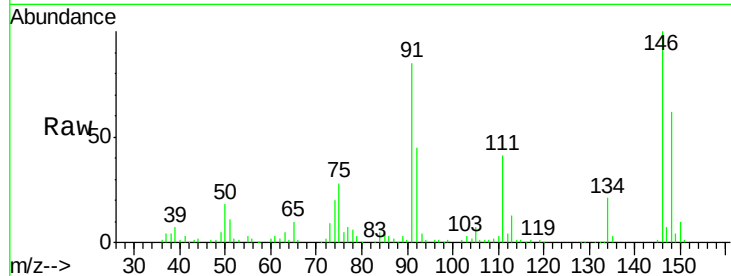
#91
 1,2-Dichlorobenzene
 Concen: 18.338 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025308.D
 Acq: 11 Jul 2018 12:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.6	61.8
148	64.2	31.5	94.5

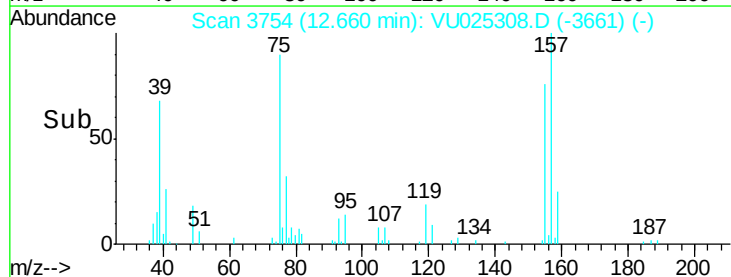
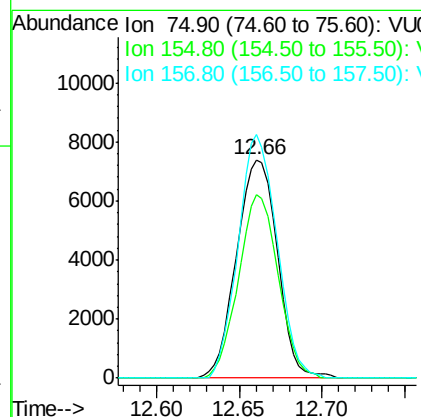
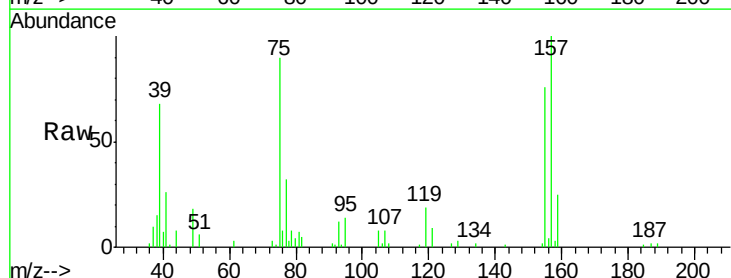
Manual Integrations
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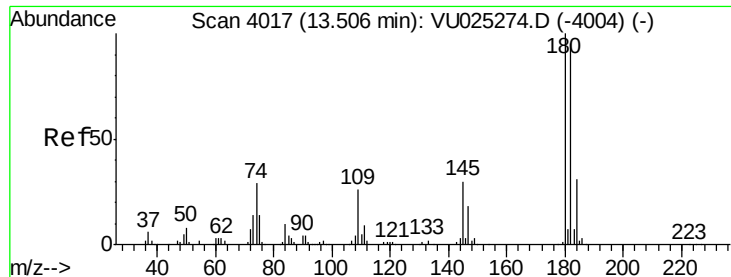
MMDadoda
 7/12/2018 11:04:15 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.401 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025308.D
 Acq: 11 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.8	44.5	133.3
157	105.7	57.0	170.8





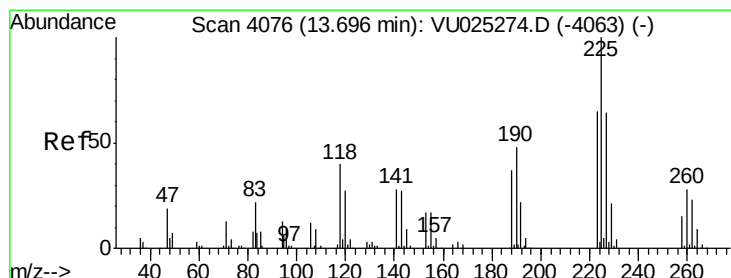
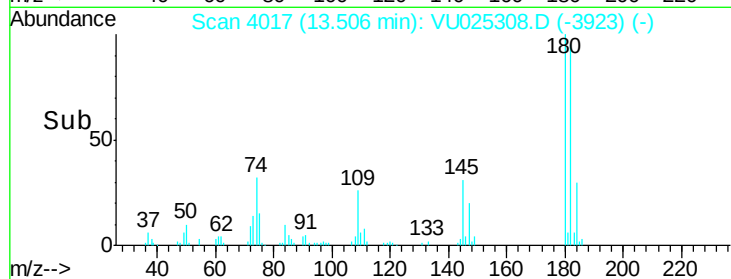
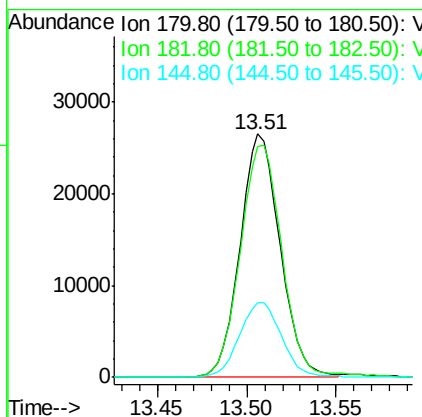
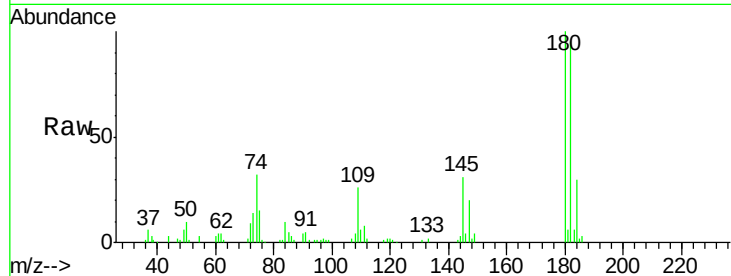
#93
1,2,4-Trichlorobenzene
Concen: 17.459 ug/l
RT: 13.51 min Scan# 4017
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.6	47.3	141.9
145	32.3	14.9	44.7

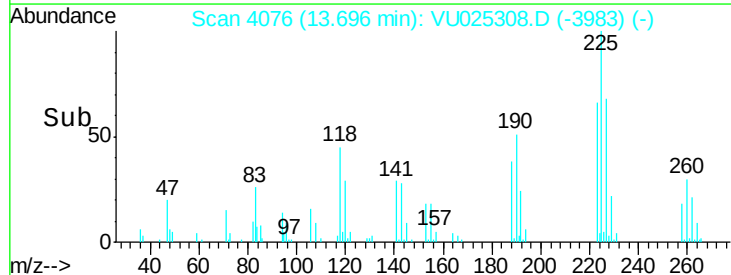
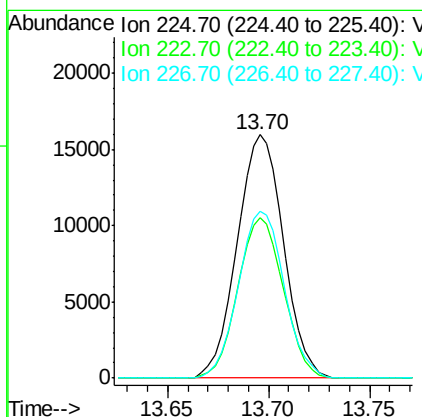
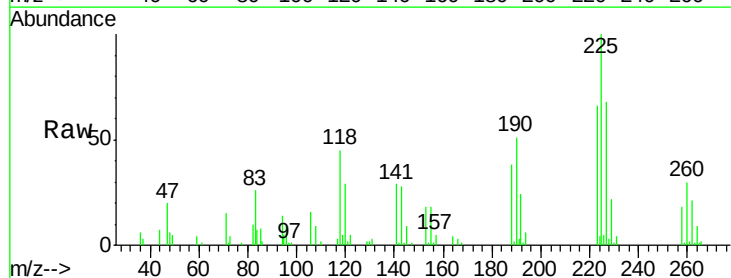
Manual Integrations
APPROVED

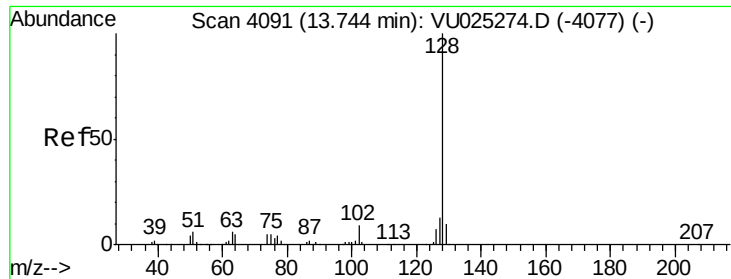
MMDadoda
7/12/2018 11:04:15 AM



#94
Hexachlorobutadiene
Concen: 17.450 ug/l
RT: 13.70 min Scan# 4076
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.9	95.7
227	67.8	32.3	96.9





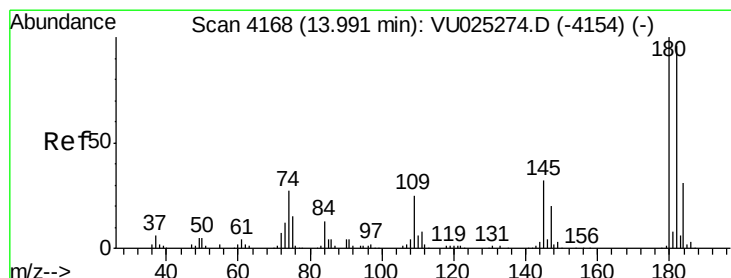
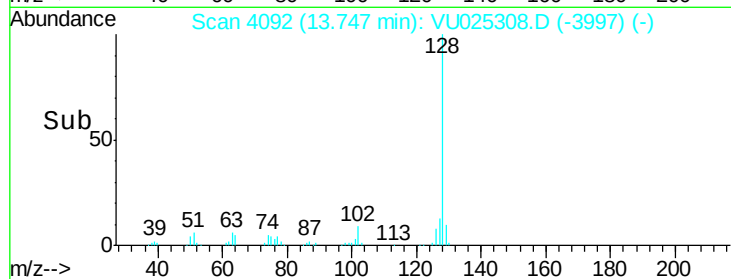
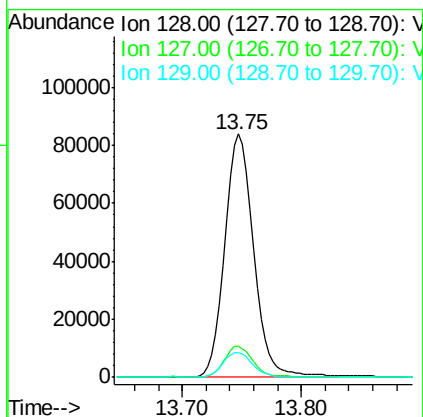
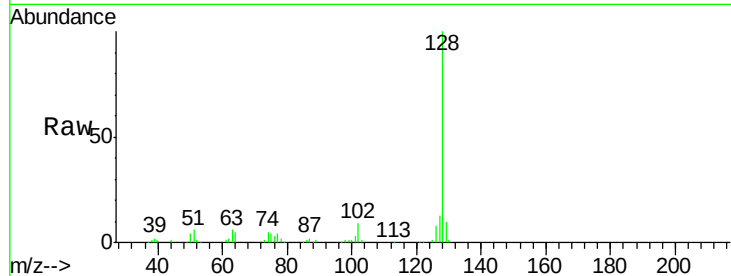
#95
Naphthalene
Concen: 18.559 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.6	8.3	12.5

Manual Integrations
APPROVED

MMDadoda
7/12/2018 11:04:15 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.385 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025308.D
Acq: 11 Jul 2018 12:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.8	143.3
145	32.4	15.6	46.8

