

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112618\
 Data File : VU028335.D
 Acq On : 26 Nov 2018 13:43
 Operator : MD/SY
 Sample : VU1126WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 2:33:38 PM

Quant Time: Nov 27 01:29:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Nov 27 01:03:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	50734	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	18392	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	16687	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.21	85	34872	1.911	ug/l	99
3) Chloromethane	1.32	50	57016	1.836	ug/l	99
4) Vinyl Chloride	1.40	62	42376	1.993	ug/l	100
5) Bromomethane	1.63	94	15898	1.898	ug/l	99
6) Chloroethane	1.70	64	23833	1.920	ug/l	99
7) Trichlorofluoromethane	1.89	101	44854	1.932	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	26126	1.956	ug/l	99
9) 1,1-Dichloroethene	2.29	96	24901	2.016	ug/l	97
10) Iodomethane	2.41	142	18191	2.178	ug/l	99
11) Allyl Chloride	2.59	41	61271	1.965	ug/l	99
12) Acrylonitrile	2.95	53	15772	4.009	ug/l	95
13) Acetone	2.34	43	35699	9.791	ug/l	97
14) Carbon Disulfide	2.48	76	92206	1.965	ug/l	99
15) Methylene Chloride	2.70	84	31210	2.072	ug/l	93
16) trans-1,2-Dichloroethene	2.98	96	27332	1.977	ug/l	99
17) 1,1-Dichloroethane	3.44	63	61386	1.992	ug/l	98
18) 2-Butanone	4.29	43	50554	9.279	ug/l	98
19) Cyclohexane	4.99	56	49805	1.862	ug/l	96
20) Methylcyclohexane	6.41	83	48322	1.845	ug/l	97
21) 2,2-Dichloropropane	4.22	77	47825	1.934	ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	31852	1.969	ug/l	98
23) Diethyl Ether	2.10	59	25069	2.025	ug/l	98
24) tert-Butyl Alcohol	2.88	59	25051	20.156	ug/l #	89
25) Methyl tert-Butyl Ether	3.00	73	72204	1.968	ug/l	100
26) Bromochloromethane	4.55	128	12422	2.014	ug/l	97
27) Chloroform	4.67	83	57125	1.922	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	44341	1.911	ug/l	99
29) 1,1-Dichloropropene	5.13	75	43356	1.947	ug/l	98
30) Carbon Tetrachloride	5.13	117	35683	1.904	ug/l	97
31) Isopropyl Ether	3.58	45	107055	1.940	ug/l	100
32) Ethyl-t-butyl ether	4.08	59	87648	1.928	ug/l	99
33) Tert-Amyl methyl ether	5.58	73	72622	1.926	ug/l	99
34) Propionitrile	4.36	54	13712	10.018	ug/l #	79
35) Benzene	5.39	78	126741	1.934	ug/l	99
36) 1,2-Dichloroethane	5.41	62	37192	1.897	ug/l	99
37) Trichloroethene	6.19	130	27148	1.902	ug/l	99
38) 1,2-Dichloropropane	6.43	63	37407	2.001	ug/l	98
39) Methacrylonitrile	4.56	41	13751	1.876	ug/l	94
40) Methyl acrylate	4.43	55	17683	1.753	ug/l #	97
41) Tetrahydrofuran	4.67	42	14357	3.896	ug/l	98
42) 1-Chlorobutane	5.06	56	68072	1.923	ug/l	100

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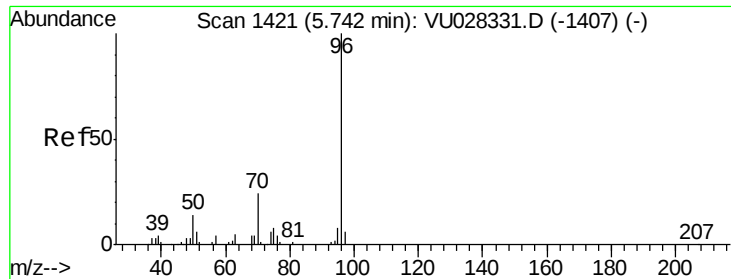
Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	16270	2.045	ug/l	96
44) Bromodichloromethane	6.76	83	39717	1.890	ug/l	95
45) 4-Methyl-2-Pentanone	7.47	43	120975	9.465	ug/l	99
46) t-1,4-Dichloro-2-butene	10.52	75	15661m	3.350	ug/l	
47) Methyl methacrylate	6.63	69	30337	3.735	ug/l	99
48) Ethyl methacrylate	8.02	69	30185	1.858	ug/l	98
49) Toluene	7.64	92	69655	1.914	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	37759	1.871	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	47095	1.890	ug/l	95
52) 1,1,2-Trichloroethane	8.07	97	20472	1.833	ug/l	93
53) 1,3-Dichloropropane	8.24	76	38580	1.849	ug/l	98
54) 2-Hexanone	8.37	43	86621	9.421	ug/l	98
55) Dibromochloromethane	8.48	129	23277	1.959	ug/l	96
56) 1,2-Dibromoethane	8.58	107	19139	1.881	ug/l	98
58) Tetrachloroethene	8.22	164	24860	1.902	ug/l	98
59) Chlorobenzene	9.12	112	73107	1.930	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.21	131	24123	1.879	ug/l	96
61) Pentachloroethane	11.10	117	18196	1.822	ug/l	99
62) Hexachloroethane	12.14	117	17870	1.909	ug/l	94
63) Ethyl Benzene	9.25	91	132237	1.892	ug/l	100
64) m/p-Xylenes	9.37	106	95966	3.794	ug/l	99
65) o-Xylene	9.78	106	46118	1.890	ug/l	96
66) Styrene	9.79	104	78436	1.874	ug/l	98
67) Bromoform	9.96	173	12396	1.861	ug/l	98
69) Isopropylbenzene	10.16	105	124911	1.911	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.46	83	28181	1.881	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	23757m	2.274	ug/l	
72) Bromobenzene	10.45	156	27567	1.900	ug/l	96
73) n-propylbenzene	10.58	120	31674	1.869	ug/l	98
74) 2-Chlorotoluene	10.66	126	27365	1.842	ug/l	95
75) 1,3,5-Trimethylbenzene	10.77	105	101861	1.852	ug/l	97
76) 4-Chlorotoluene	10.77	126	27866	1.851	ug/l	97
77) tert-Butylbenzene	11.10	119	98169	1.896	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	108348	1.922	ug/l	97
79) sec-Butylbenzene	11.32	105	134698	1.866	ug/l	99
80) Nitrobenzene	12.87	77	5610	8.310	ug/l #	91
81) p-Isopropyltoluene	11.48	119	105048	1.831	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	54157	1.864	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	54635	1.889	ug/l	98
84) n-Butylbenzene	11.89	91	110740	1.839	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	52137	1.885	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4376	1.815	ug/l	95
87) 1,2,4-Trichlorobenzene	13.50	180	35030	1.802	ug/l	99
88) Hexachlorobutadiene	13.69	225	19276	1.832	ug/l	98
89) Naphthalene	13.74	128	68346	1.779	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	32024	1.747	ug/l	97

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1421

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

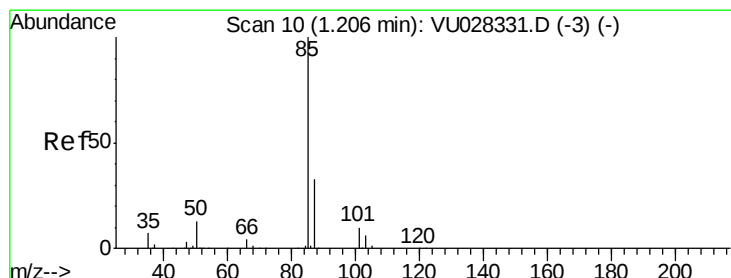
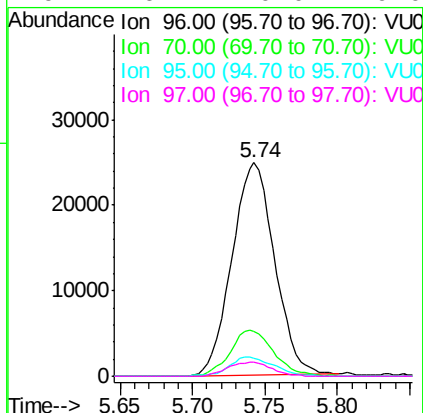
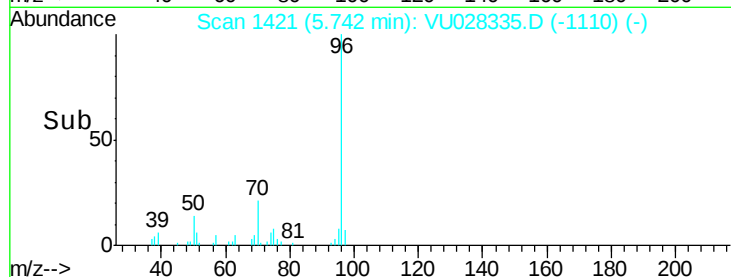
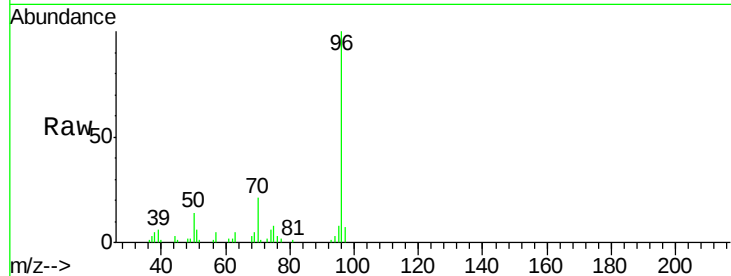
ClientSampleId :

VU1126WBS01

Tgt Ion:	96	Resp:	50734
Ion	Ratio	Lower	Upper
96	100		
70	22.1	17.8	26.8
95	9.4	7.6	11.4
97	6.7	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 1.911 ug/l

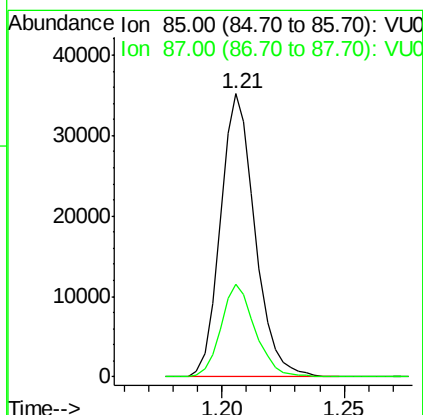
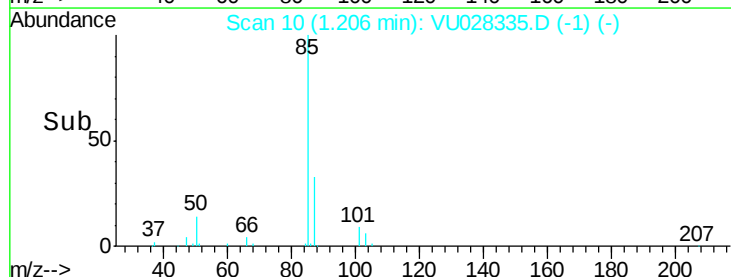
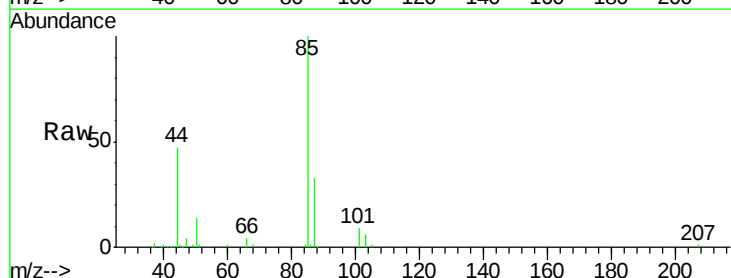
RT: 1.21 min Scan# 10

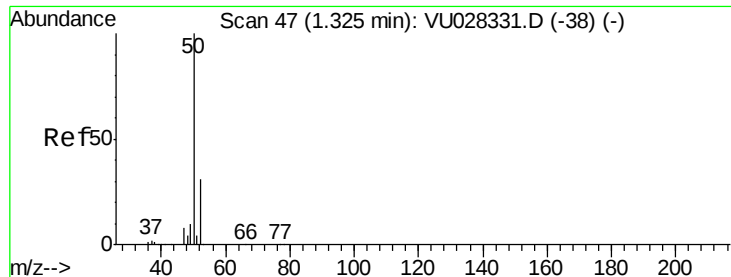
Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Tgt Ion:	85	Resp:	34872
Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.3	48.8





#3

Chloromethane

Concen: 1.836 ug/l

RT: 1.32 min Scan# 47

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

Tgt Ion: 50 Resp: 57016

Ion Ratio Lower Upper

50 100

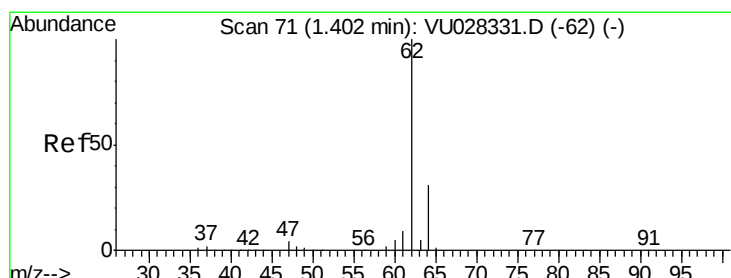
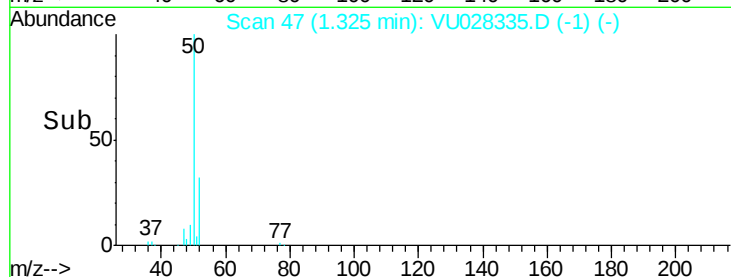
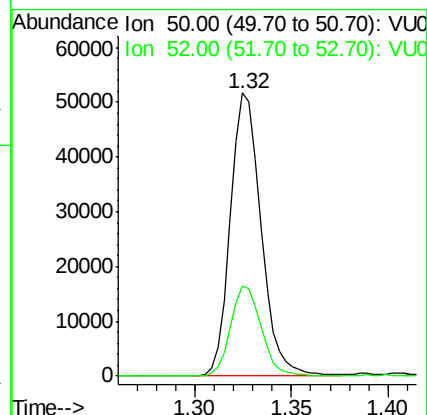
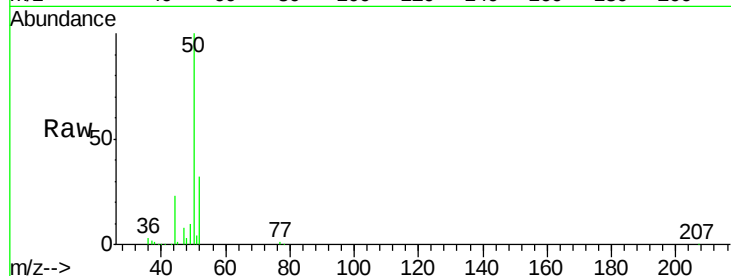
52 31.8 25.1 37.7

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#4

Vinyl Chloride

Concen: 1.993 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU028335.D

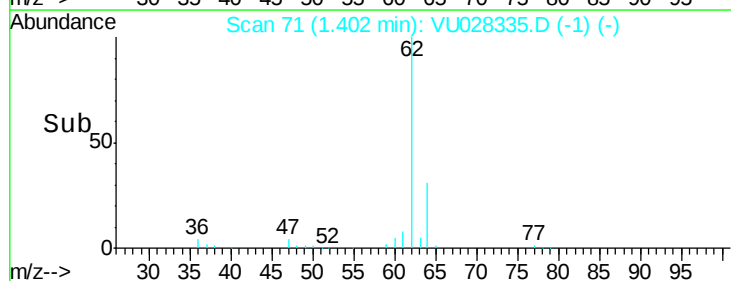
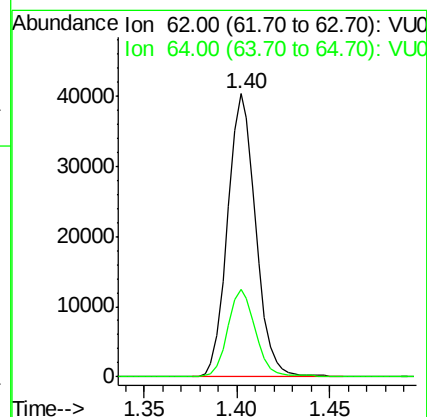
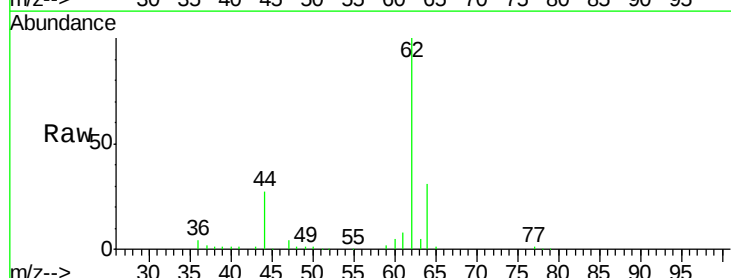
Acq: 26 Nov 2018 13:43

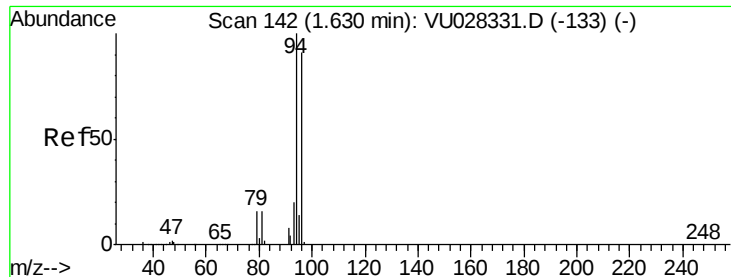
Tgt Ion: 62 Resp: 42376

Ion Ratio Lower Upper

62 100

64 30.8 24.7 37.1





#5

Bromomethane

Concen: 1.898 ug/l

RT: 1.63 min Scan# 143

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

Tgt Ion: 94 Resp: 15898

Ion Ratio Lower Upper

94 100

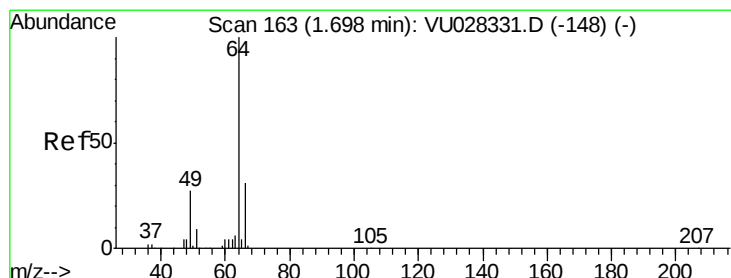
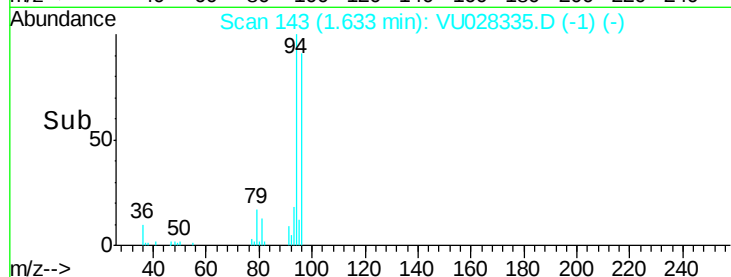
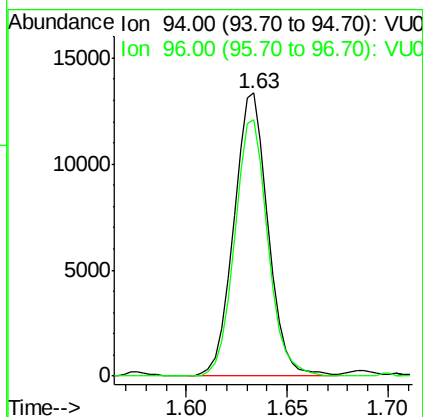
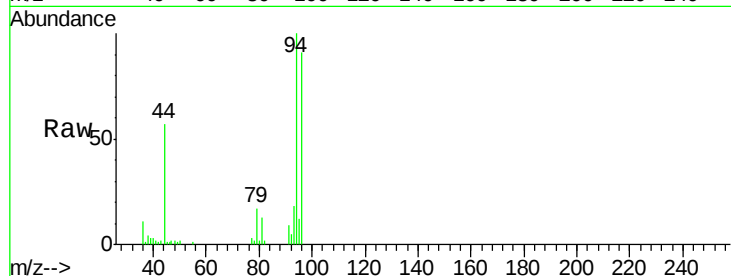
96 90.7 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 1.920 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU028335.D

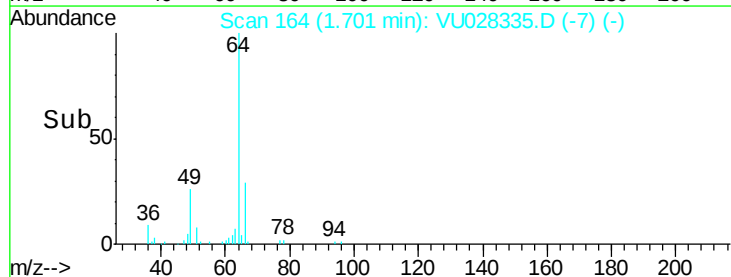
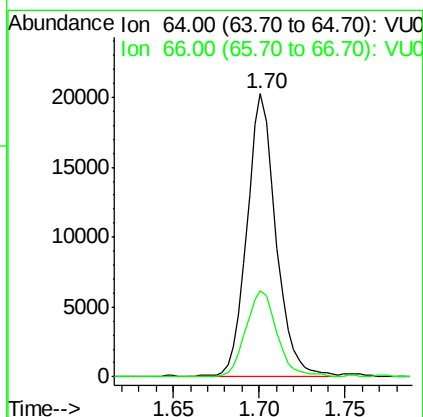
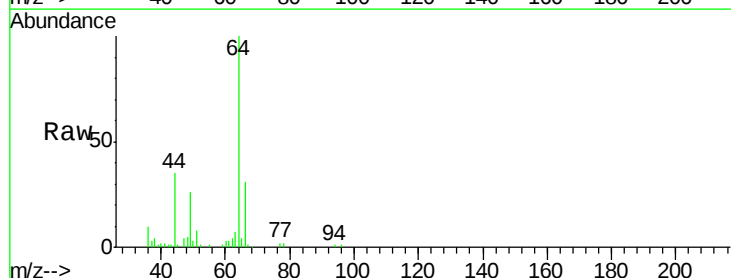
Acq: 26 Nov 2018 13:43

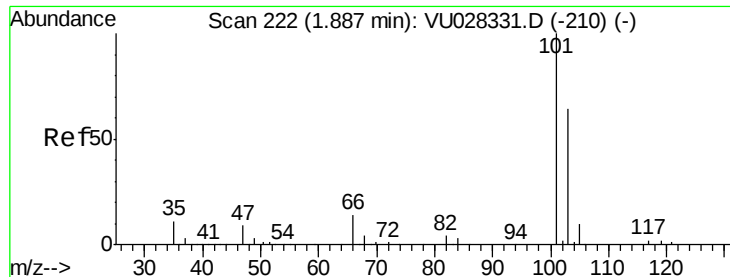
Tgt Ion: 64 Resp: 23833

Ion Ratio Lower Upper

64 100

66 30.6 25.1 37.7





#7

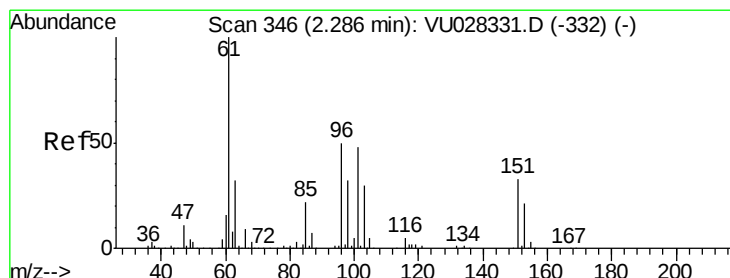
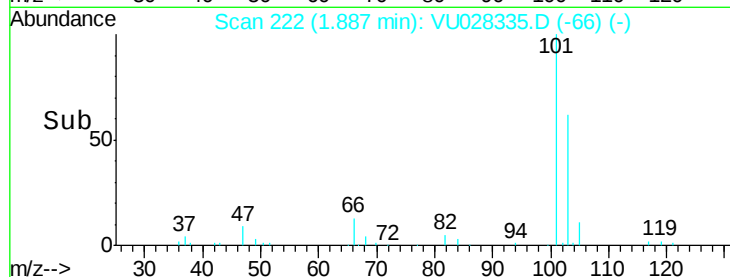
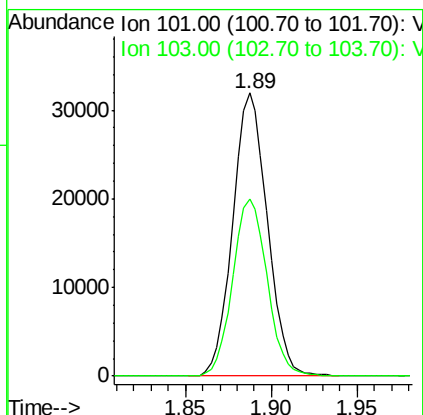
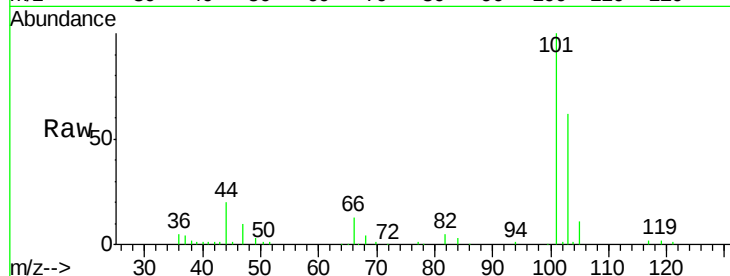
Trichlorofluoromethane
Concen: 1.932 ug/l
RT: 1.89 min Scan# 222
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Instrument :
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ClientSampleId :
VU1126WBS01

Tgt Ion:101 Resp: 44854
Ion Ratio Lower Upper
101 100
103 62.4 51.4 77.0

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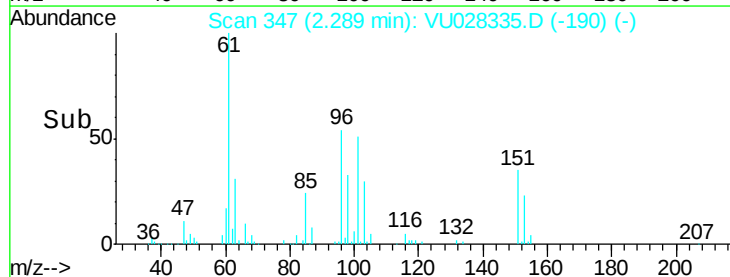
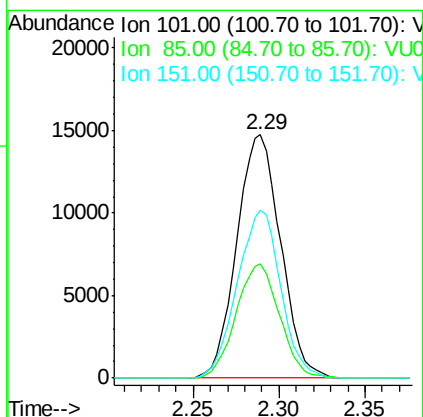
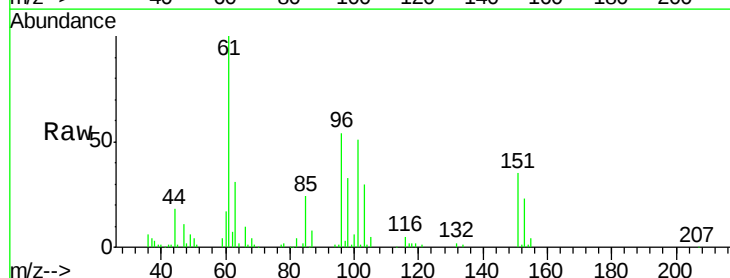
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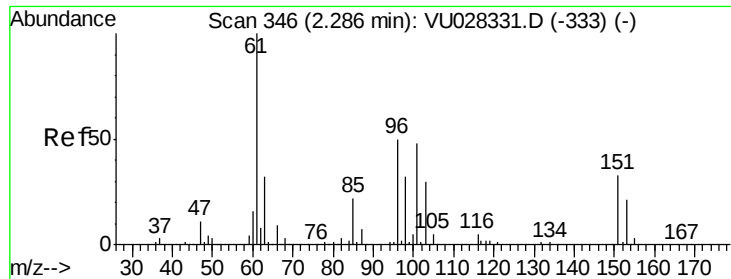


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.956 ug/l
RT: 2.29 min Scan# 347
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion:101 Resp: 26126
Ion Ratio Lower Upper
101 100
85 46.3 36.7 55.1
151 68.4 55.8 83.6





#9

1,1-Dichloroethene

Concen: 2.016 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

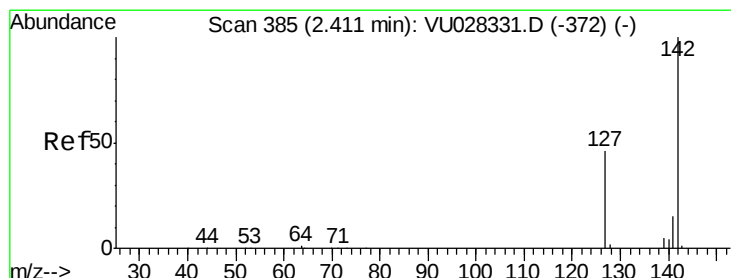
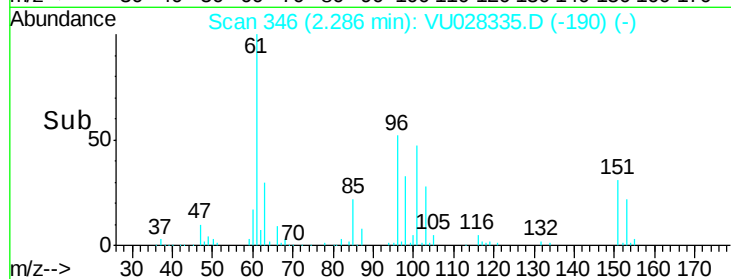
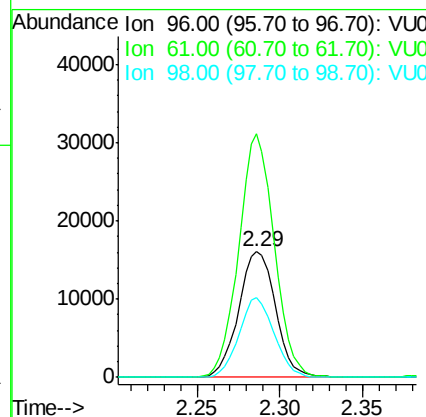
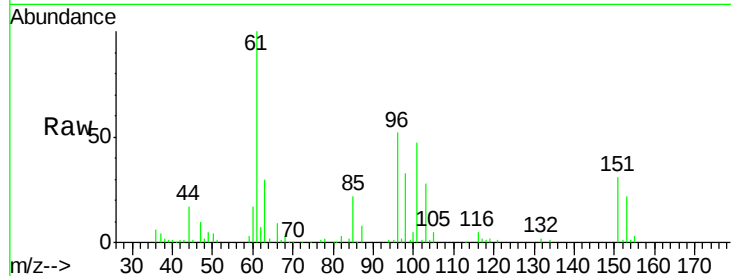
ClientSampleId :

VU1126WBS01

Tgt Ion:	96	Resp:	24901
Ion Ratio	Lower	Upper	
96	100		
61	193.8	0.0	597.6
98	63.9	0.0	127.6

Manual Integrations
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#10

Iodomethane

Concen: 2.178 ug/l

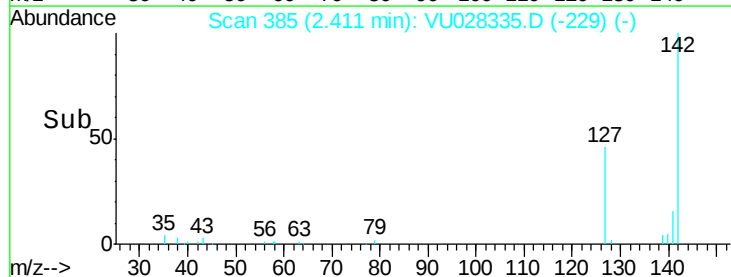
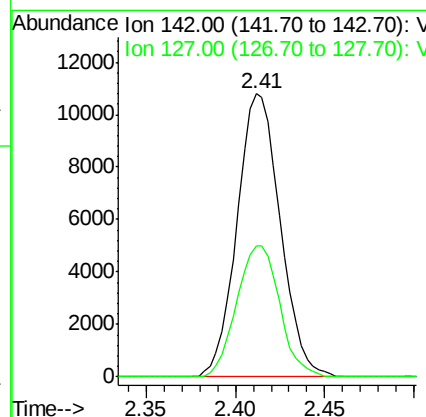
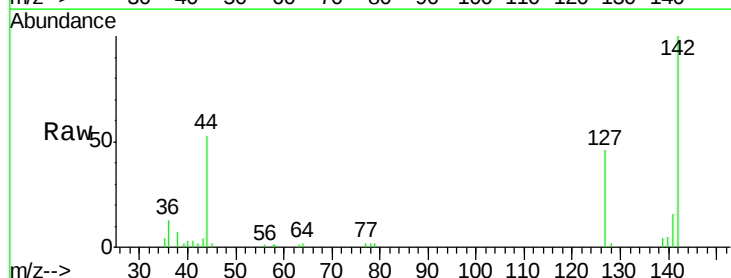
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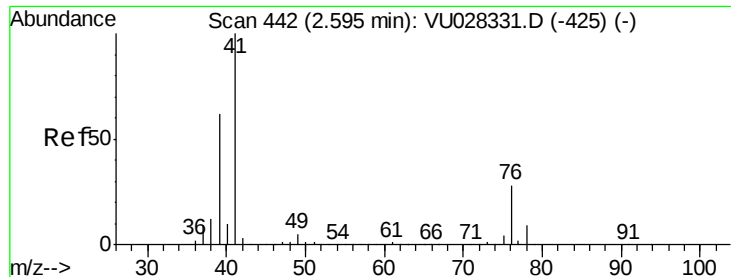
Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Tgt Ion:	142	Resp:	18191
Ion Ratio	Lower	Upper	
142	100		
127	45.9	36.4	54.6





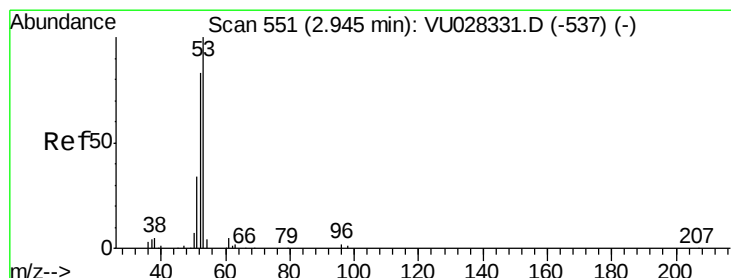
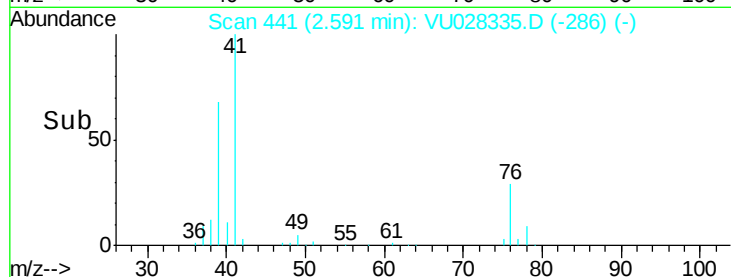
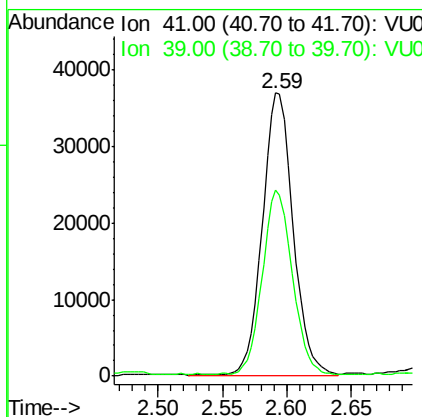
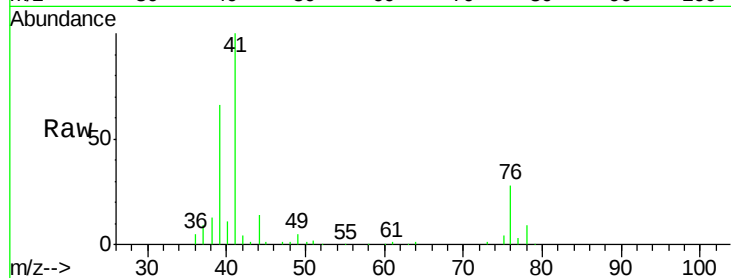
#11
 Allyl Chloride
 Concen: 1.965 ug/l
 RT: 2.59 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

Tgt Ion: 41 Resp: 61271
 Ion Ratio Lower Upper
 41 100
 39 64.4 50.8 76.2

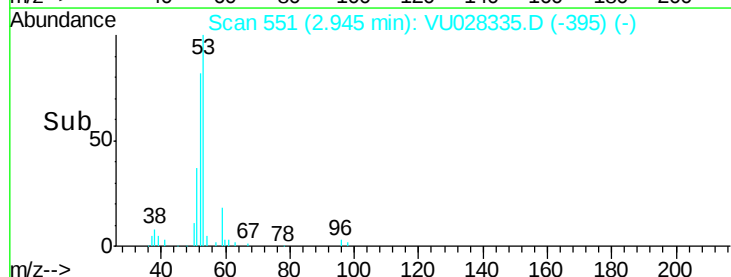
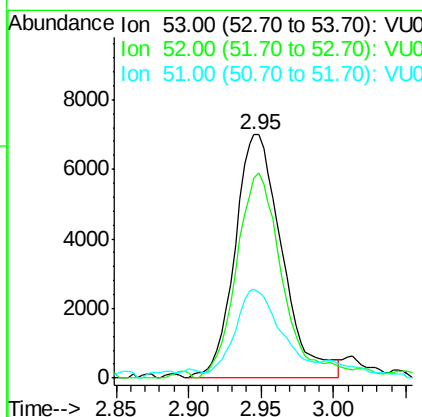
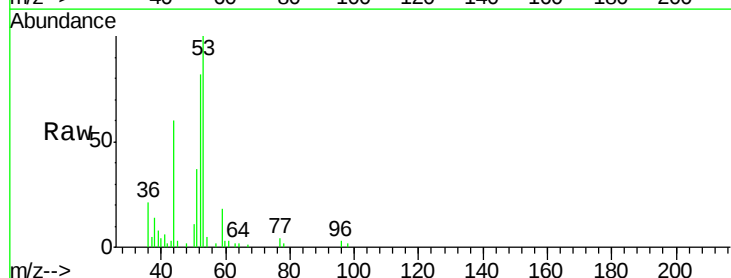
Manual Integrations
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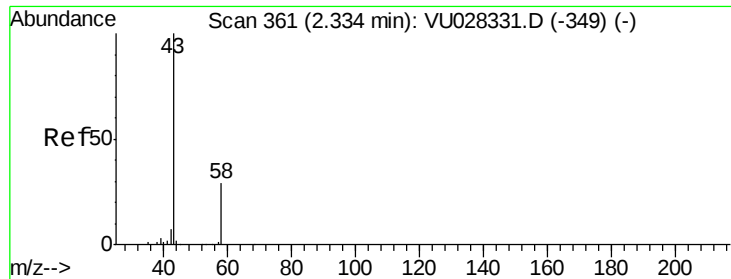
MMDadoda
 11/30/2018 2:33:38 PM



#12
 Acrylonitrile
 Concen: 4.009 ug/l
 RT: 2.95 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Tgt Ion: 53 Resp: 15772
 Ion Ratio Lower Upper
 53 100
 52 82.2 69.3 103.9
 51 32.2 27.8 41.8





#13

Acetone

Concen: 9.791 ug/l

RT: 2.34 min Scan# 363

Delta R.T. 0.01 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

Tgt Ion: 43 Resp: 35699

Ion Ratio Lower Upper

43 100

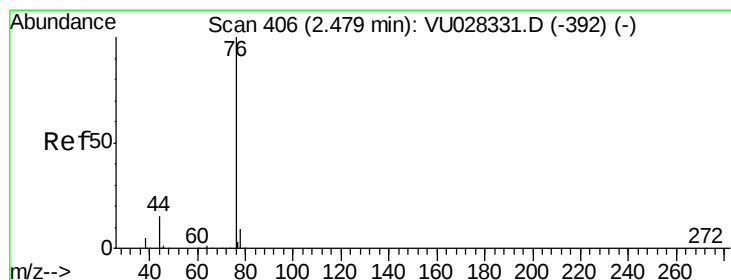
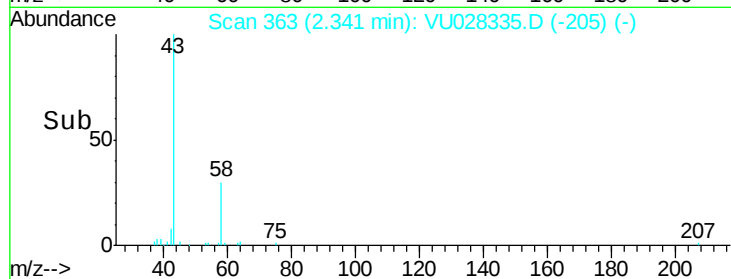
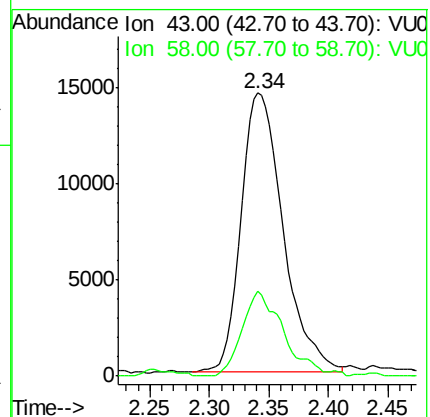
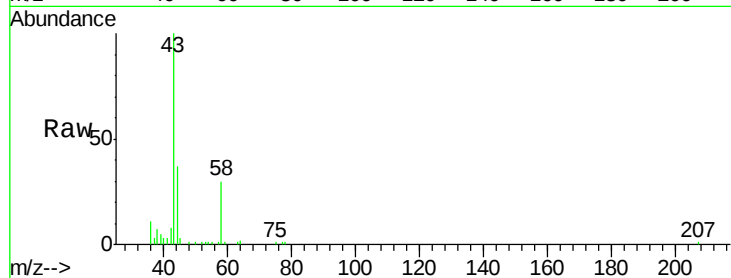
58 30.4 23.1 34.7

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#14

Carbon Disulfide

Concen: 1.965 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU028335.D

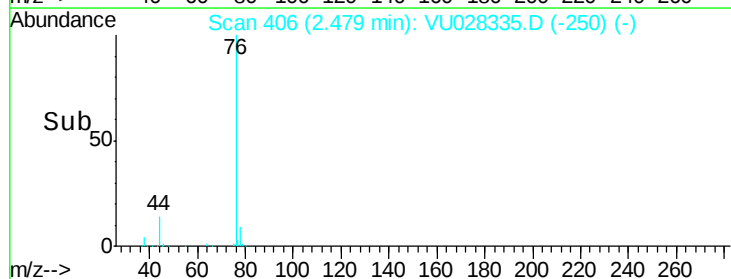
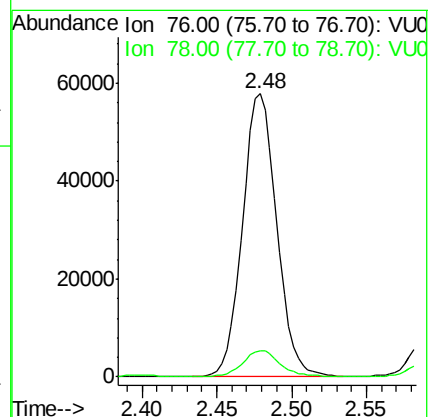
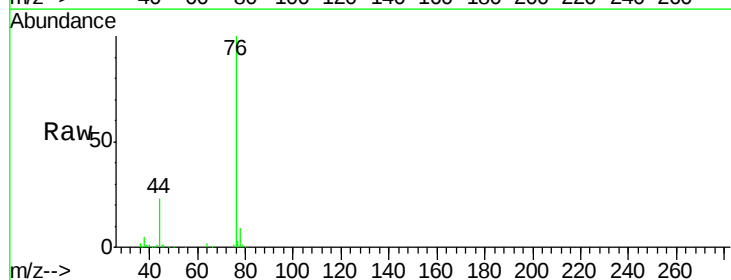
Acq: 26 Nov 2018 13:43

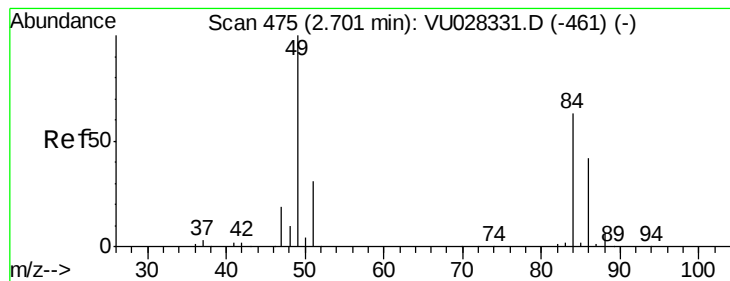
Tgt Ion: 76 Resp: 92206

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2





#15

Methylene Chloride

Concen: 2.072 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

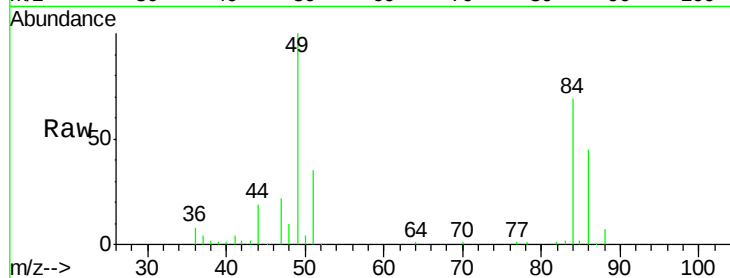
ClientSampleId :

VU1126WBS01

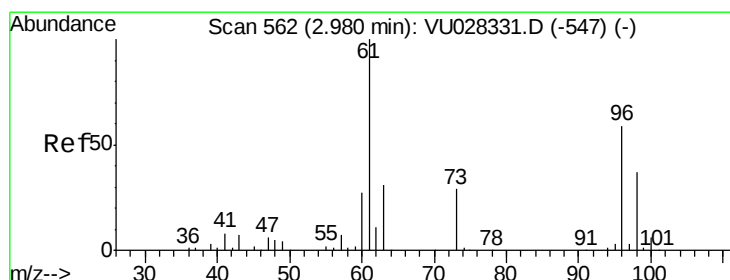
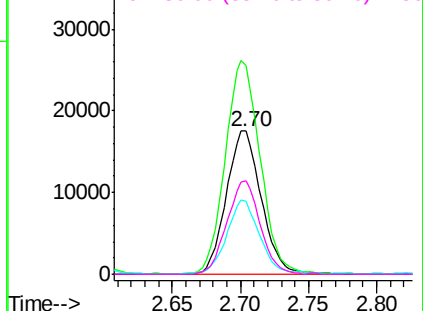
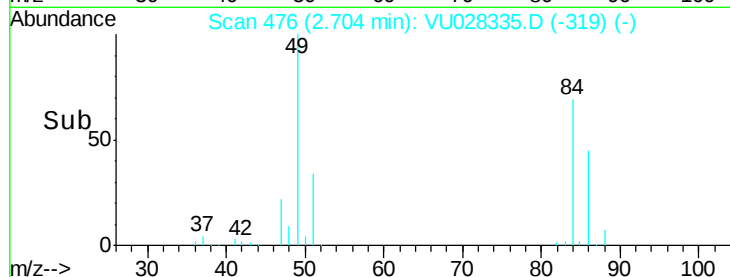
Tgt Ion:	84	Resp:	31210
Ion	Ratio	Lower	Upper
84	100		
49	145.4	127.7	191.5
51	50.0	0.0	98.2
86	65.6	53.1	79.7

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Abundance Ion 84.00 (83.70 to 84.70): VU028335.D (-319) (-)



#16

trans-1,2-Dichloroethene

Concen: 1.977 ug/l

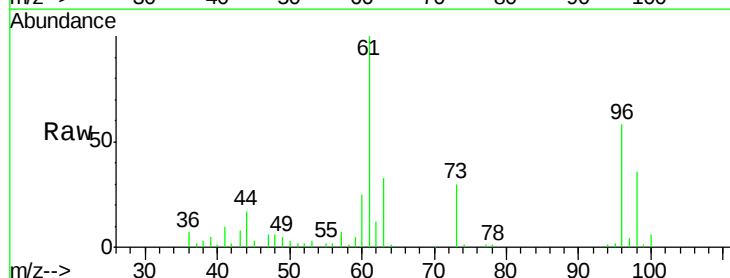
RT: 2.98 min Scan# 562

Delta R.T. 0.00 min

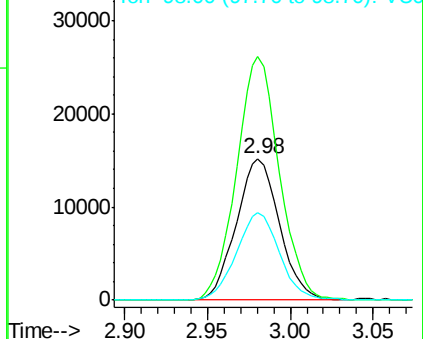
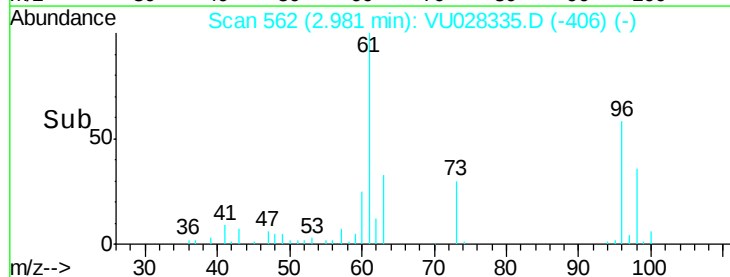
Lab File: VU028335.D

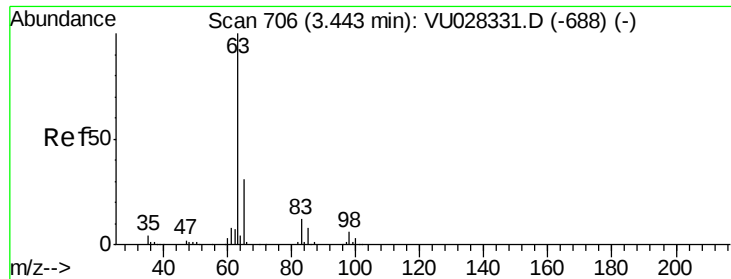
Acq: 26 Nov 2018 13:43

Tgt Ion:	96	Resp:	27332
Ion	Ratio	Lower	Upper
96	100		
61	172.2	136.4	204.6
98	62.3	49.8	74.8



Abundance Ion 96.00 (95.70 to 96.70): VU028335.D (-406) (-)





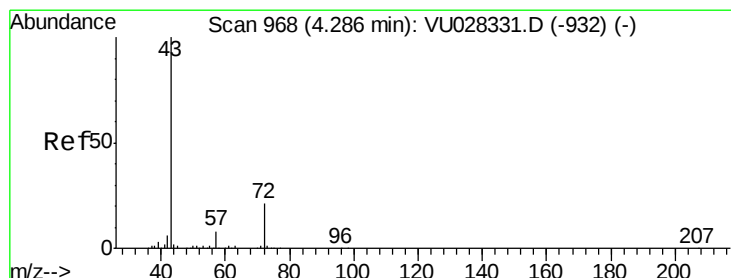
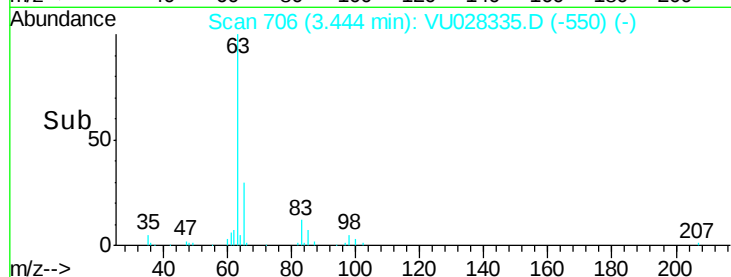
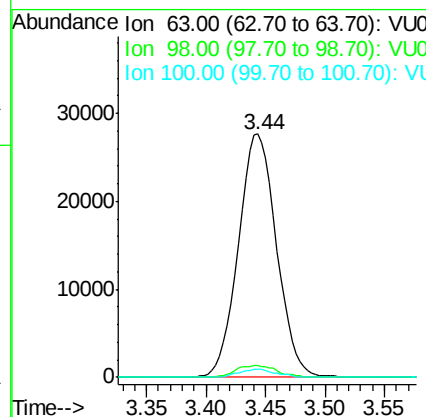
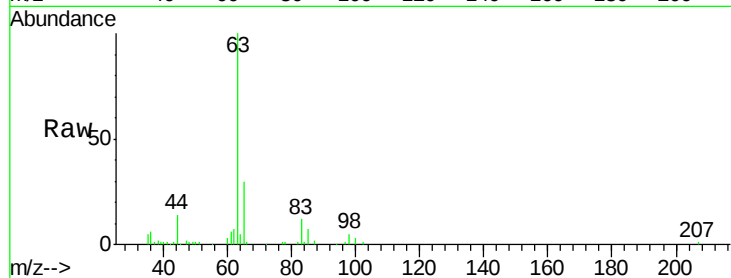
#17
 1,1-Dichloroethane
 Concen: 1.992 ug/l
 RT: 3.44 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
63	100		
98	4.8	3.0	9.0
100	3.3	1.8	5.3

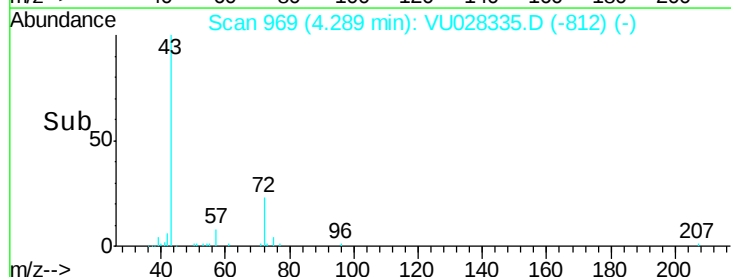
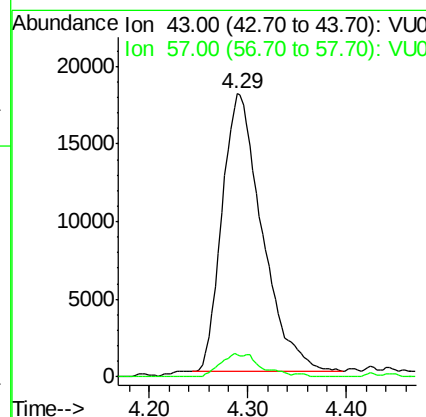
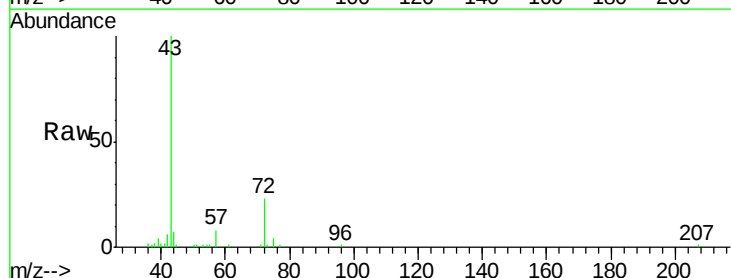
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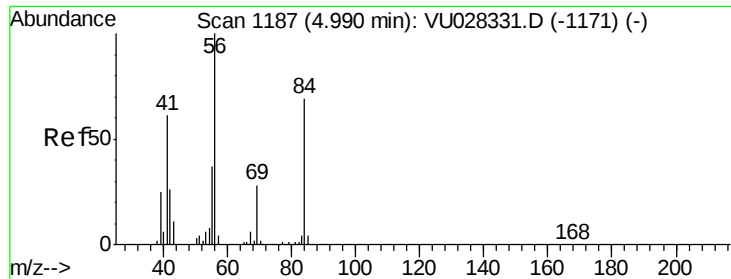
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#18
 2-Butanone
 Concen: 9.279 ug/l
 RT: 4.29 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
43	100		
57	8.2	0.0	15.0





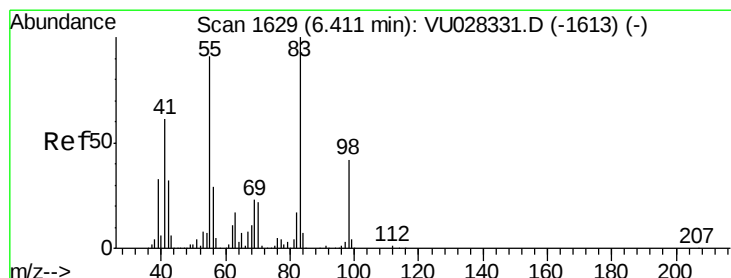
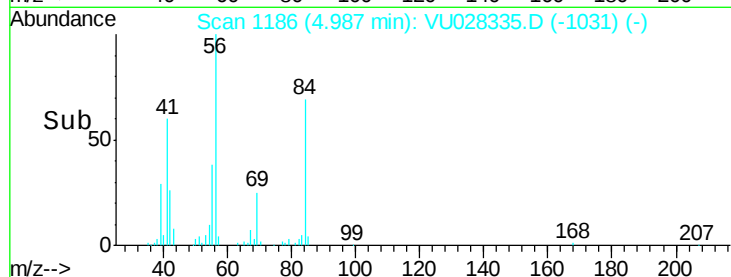
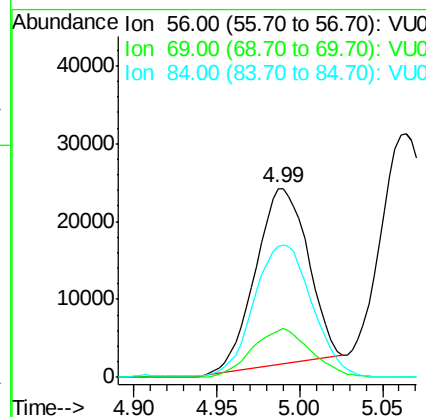
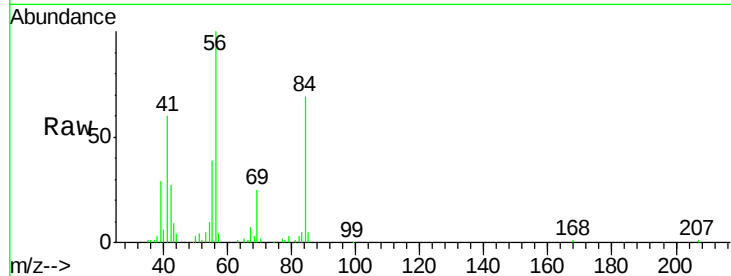
#19
Cyclohexane
Concen: 1.862 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.0	37.6
84	83.0	62.6	94.0

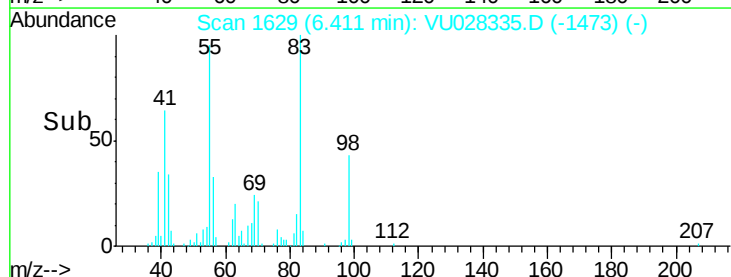
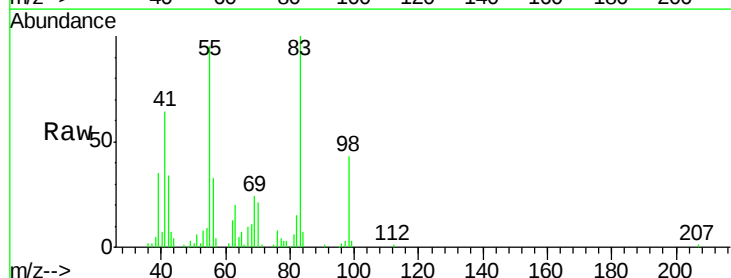
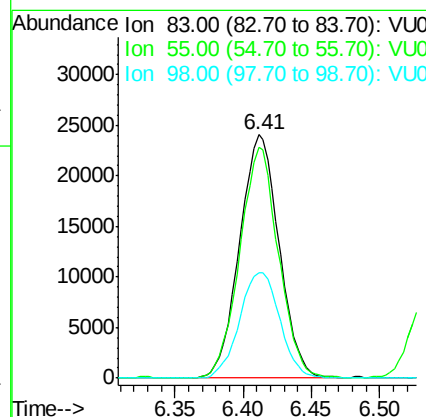
Manual Integrations
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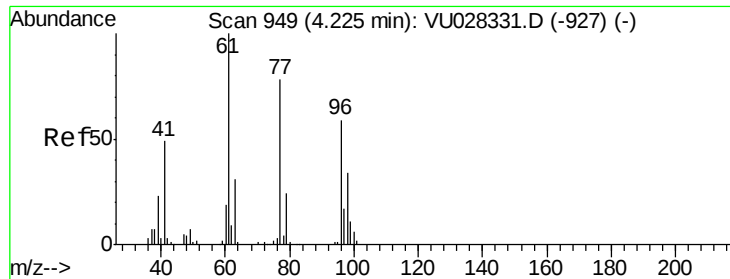
MMDadoda
11/30/2018 2:33:38 PM



#20
Methylcyclohexane
Concen: 1.845 ug/l
RT: 6.41 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
83	100		
55	93.3	72.6	108.8
98	44.1	33.8	50.8





#21

2,2-Dichloropropane

Concen: 1.934 ug/l

RT: 4.22 min Scan# 948

Delta R.T. -0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

Tgt Ion: 77 Resp: 47825

Ion Ratio Lower Upper

77 100

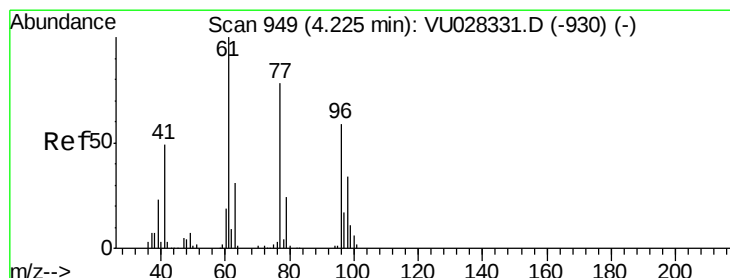
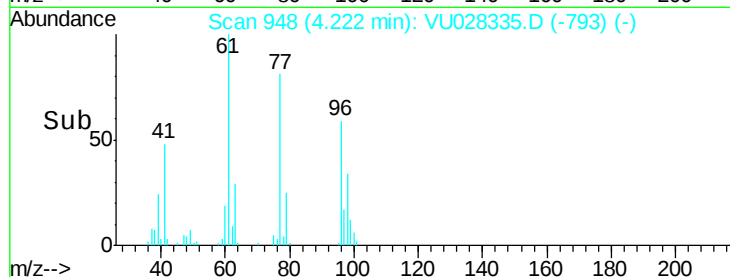
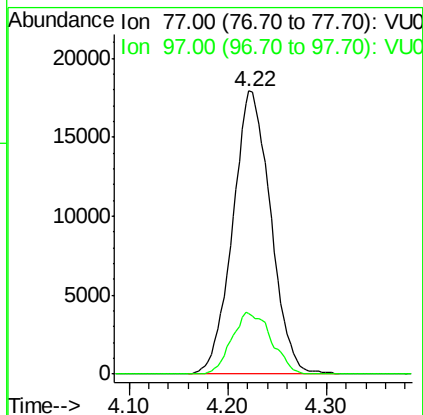
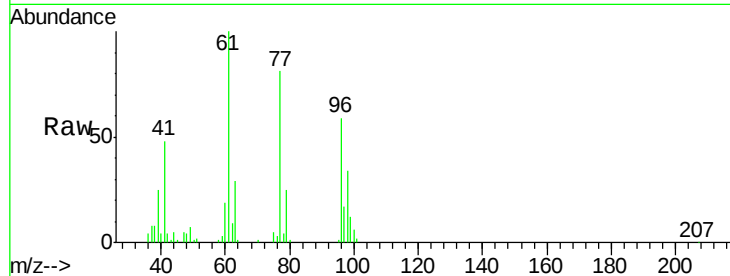
97 22.7 17.4 26.2

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#22

cis-1,2-Dichloroethene

Concen: 1.969 ug/l

RT: 4.22 min Scan# 948

Delta R.T. -0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

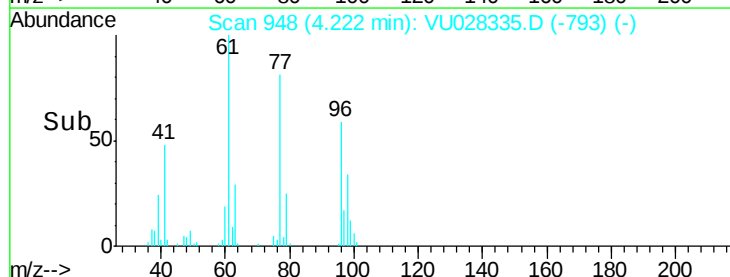
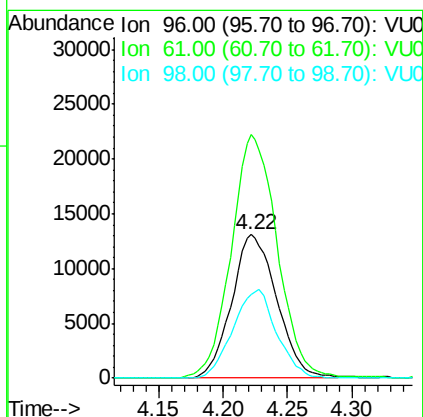
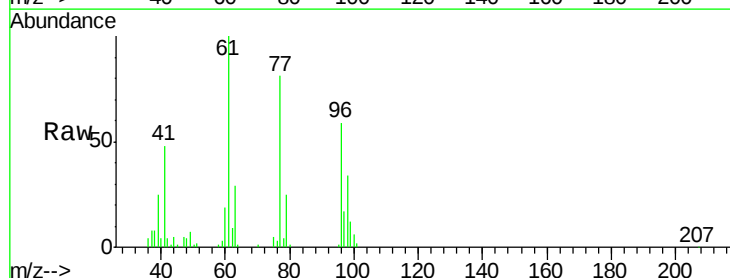
Tgt Ion: 96 Resp: 31852

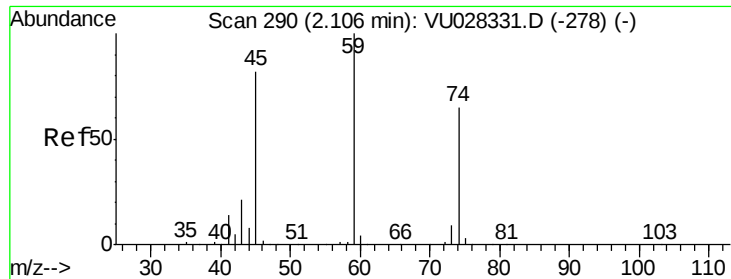
Ion Ratio Lower Upper

96 100

61 172.3 0.0 423.0

98 59.4 30.3 91.0





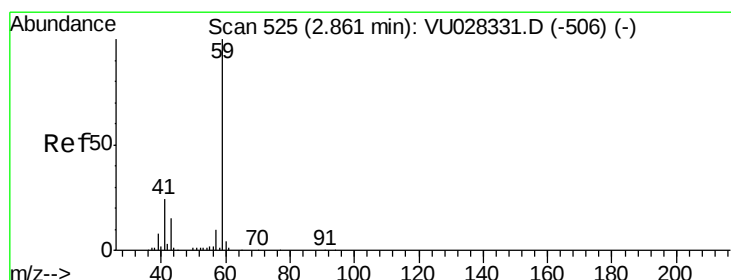
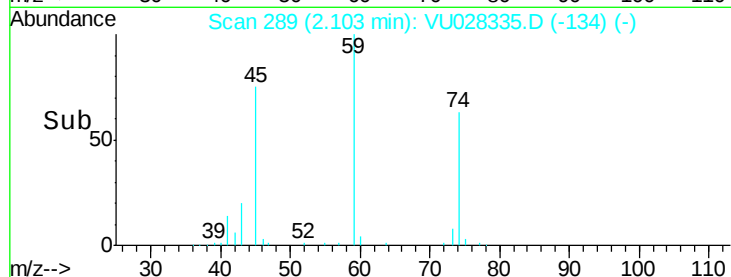
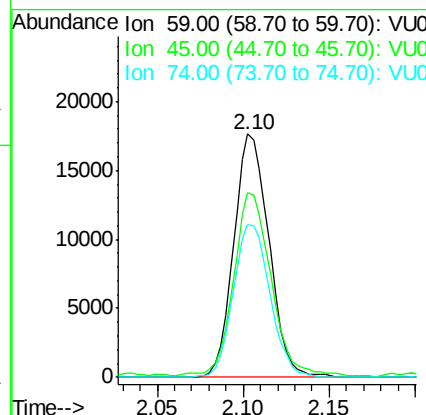
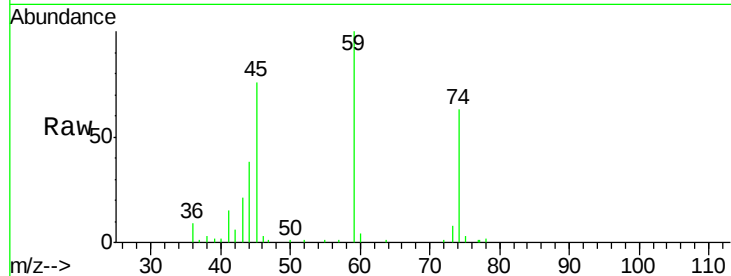
#23
Diethyl Ether
Concen: 2.025 ug/l
RT: 2.10 min Scan# 289
Delta R.T. -0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
45	79.6	66.4	99.6
74	65.6	52.2	78.4

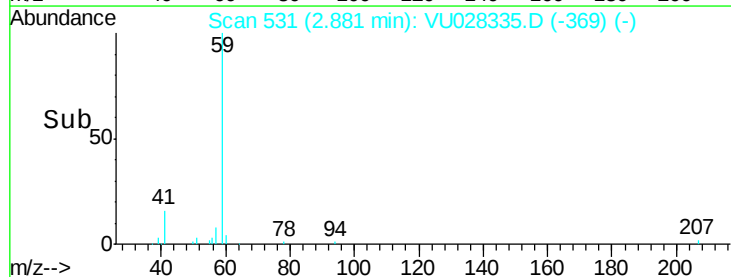
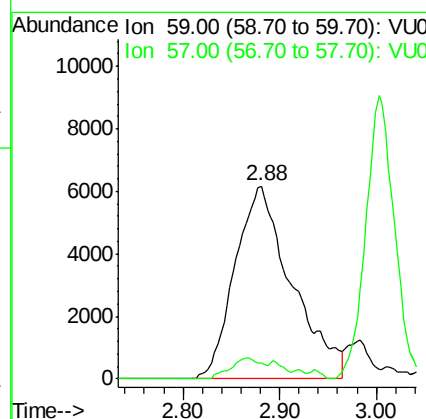
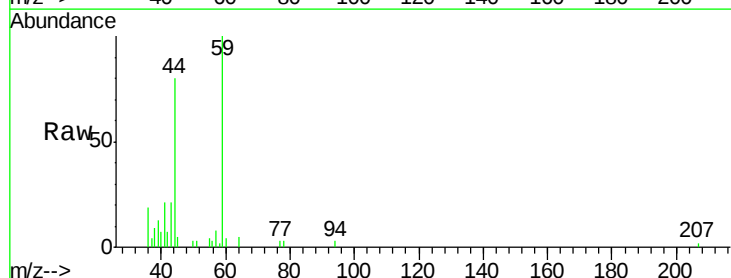
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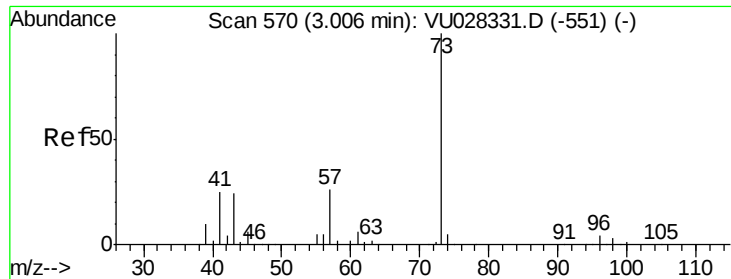
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#24
tert-Butyl Alcohol
Concen: 20.156 ug/l
RT: 2.88 min Scan# 531
Delta R.T. 0.02 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
59	100		
57	6.1	8.2	12.4#





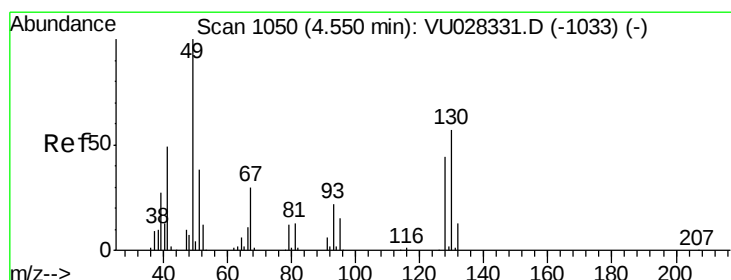
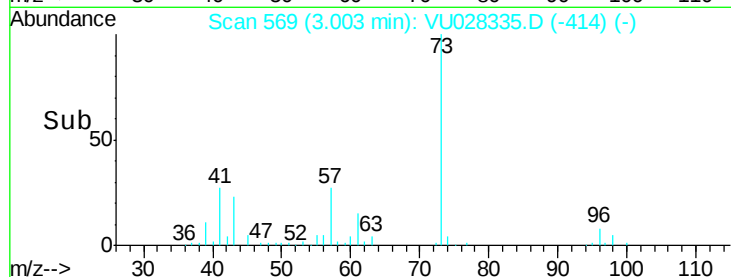
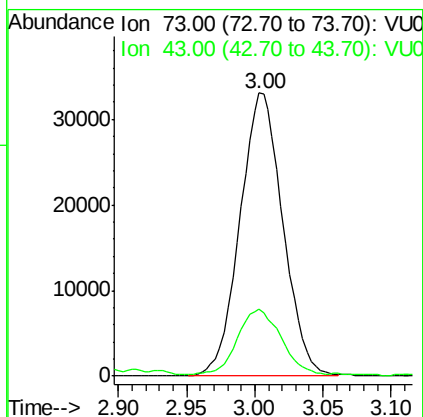
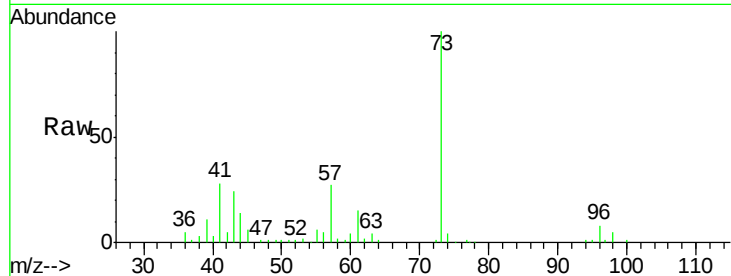
#25
Methyl tert-Butyl Ether
Concen: 1.968 ug/l
RT: 3.00 min Scan# 569
Delta R.T. -0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

Tgt Ion: 73 Resp: 72204
Ion Ratio Lower Upper
73 100
43 23.2 18.5 27.7

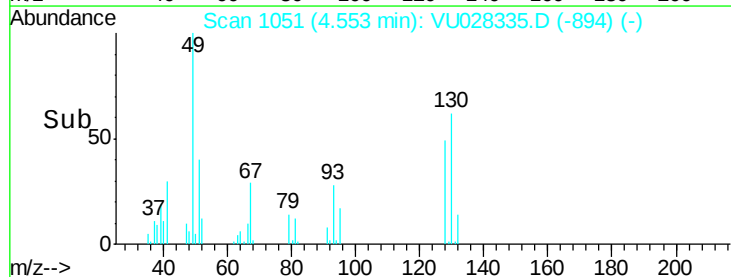
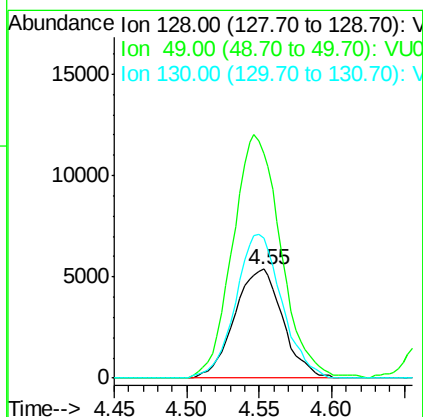
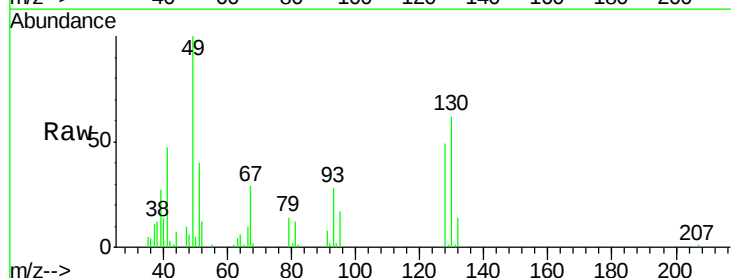
Manual Integrations
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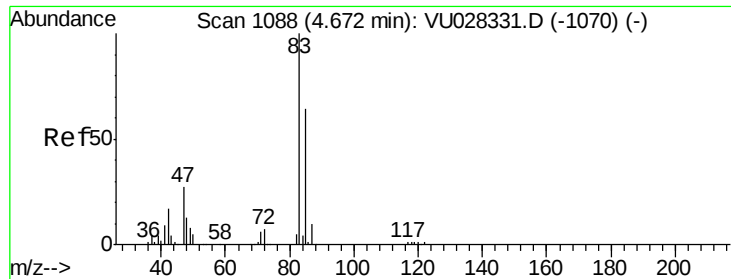
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#26
Bromochloromethane
Concen: 2.014 ug/l
RT: 4.55 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion: 128 Resp: 12422
Ion Ratio Lower Upper
128 100
49 222.3 0.0 457.6
130 126.2 101.4 152.2





#27

Chloroform

Concen: 1.922 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

Tgt Ion: 83 Resp: 57125

Ion Ratio Lower Upper

83 100

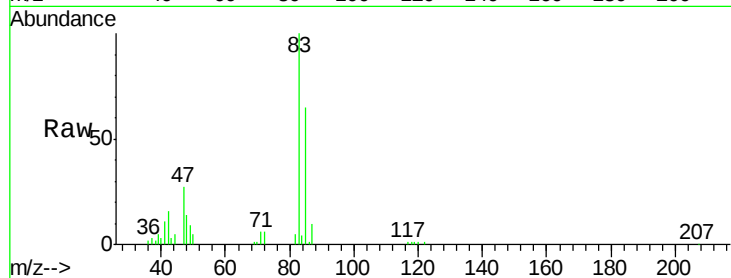
85 64.7 0.0 128.0

Manual Integrations

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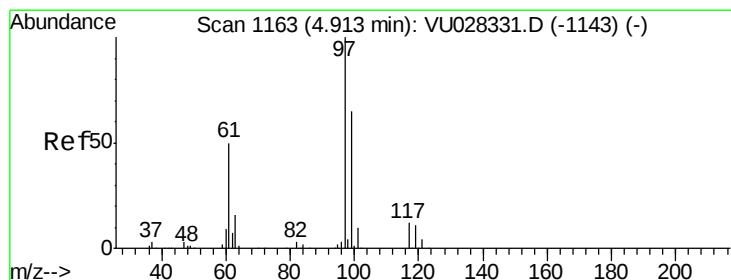
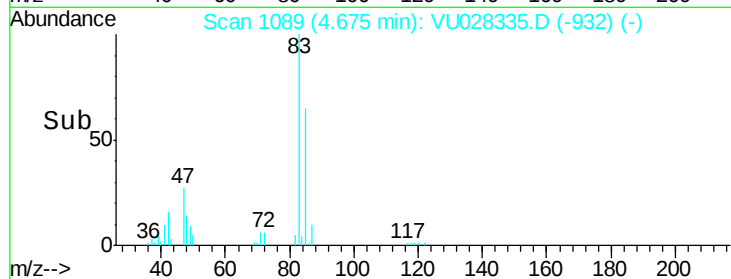
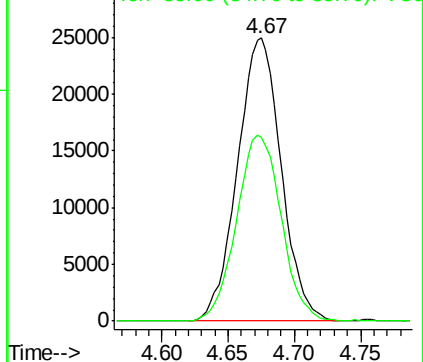
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Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#28

1,1,1-Trichloroethane

Concen: 1.911 ug/l

RT: 4.91 min Scan# 1163

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

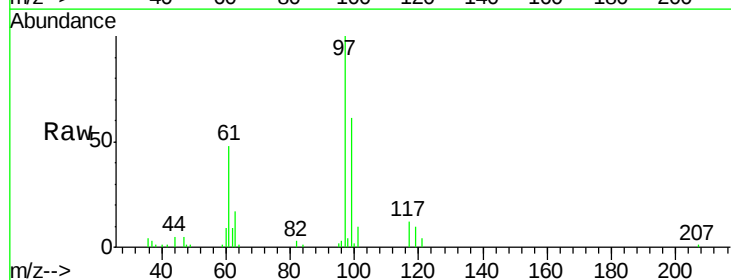
Tgt Ion: 97 Resp: 44341

Ion Ratio Lower Upper

97 100

99 64.3 32.2 96.6

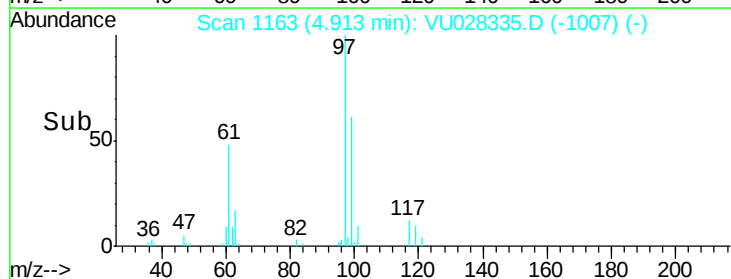
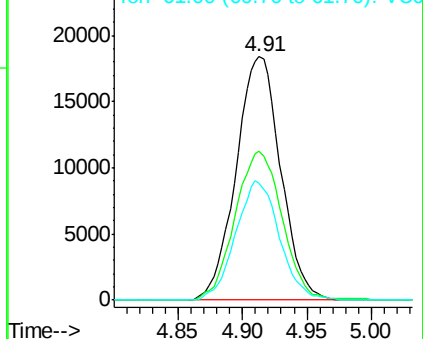
61 48.0 24.9 74.7

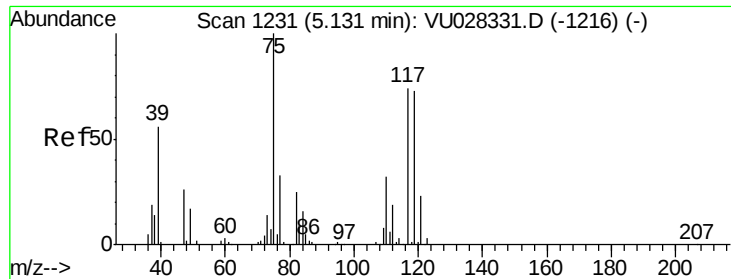


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





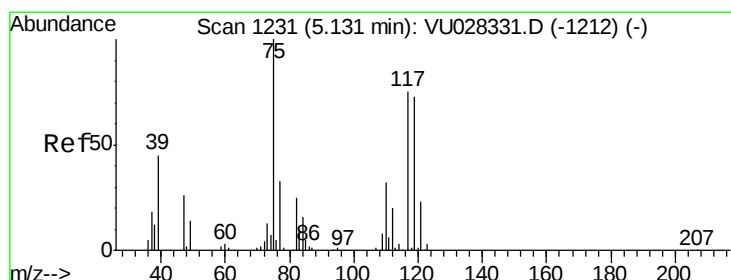
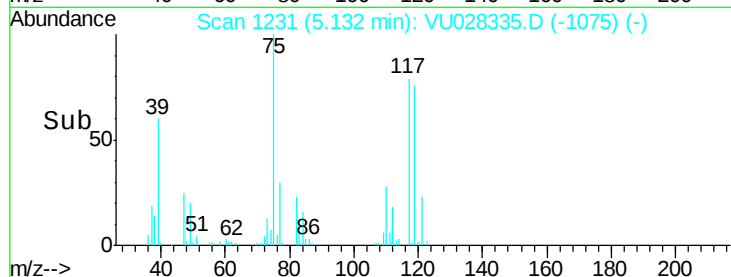
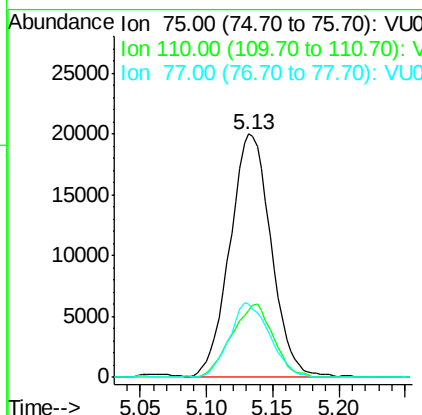
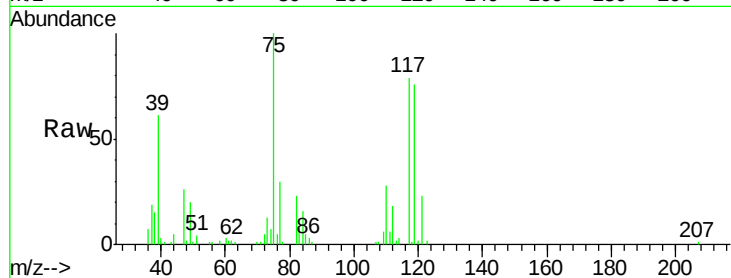
#29
 1,1-Dichloropropene
 Concen: 1.947 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.5	15.8	47.3
77	30.0	25.4	38.0

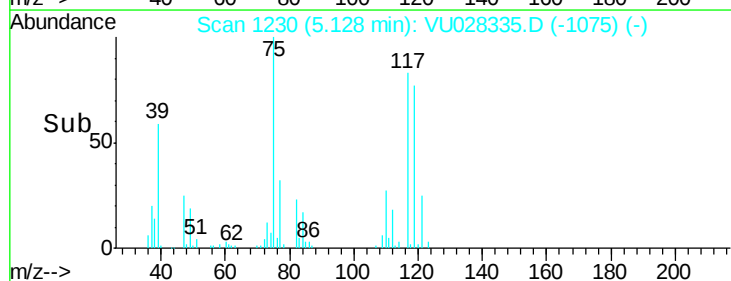
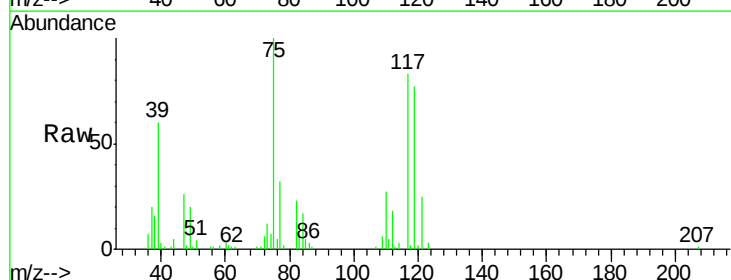
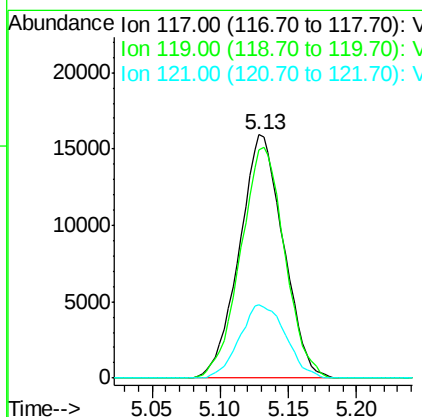
Manual Integrations
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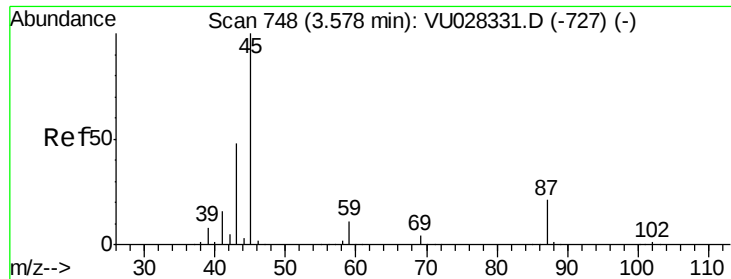
MMDadoda
 11/30/2018 2:33:38 PM



#30
 Carbon Tetrachloride
 Concen: 1.904 ug/l
 RT: 5.13 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	78.2	117.4
121	30.3	24.7	37.1





#31

Isopropyl Ether

Concen: 1.940 ug/l

RT: 3.58 min Scan# 748

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

Tgt Ion: 45 Resp: 107055

Ion Ratio Lower Upper

45 100

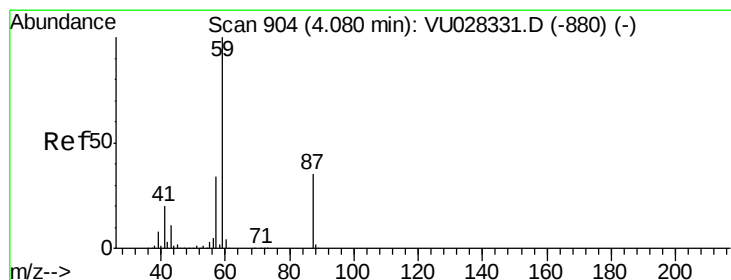
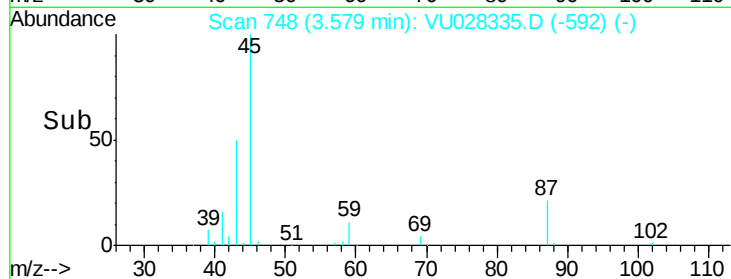
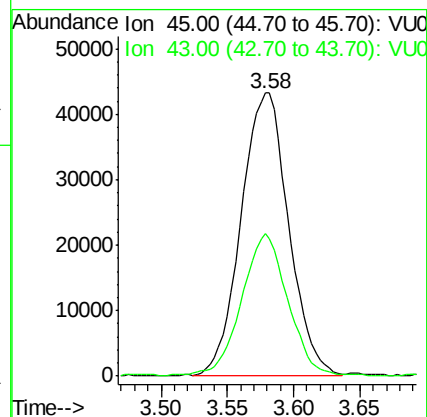
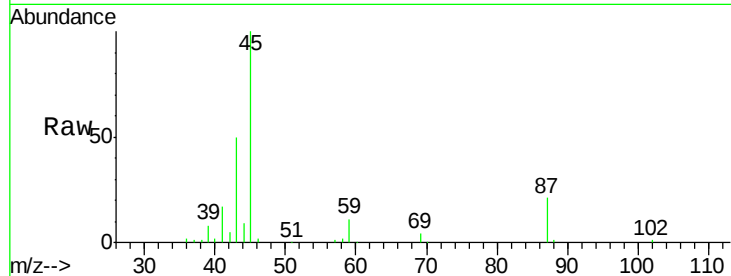
43 48.6 24.2 72.6

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#32

Ethyl-t-butyl ether

Concen: 1.928 ug/l

RT: 4.08 min Scan# 903

Delta R.T. -0.00 min

Lab File: VU028335.D

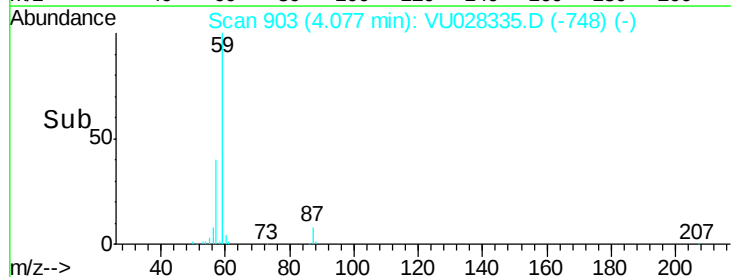
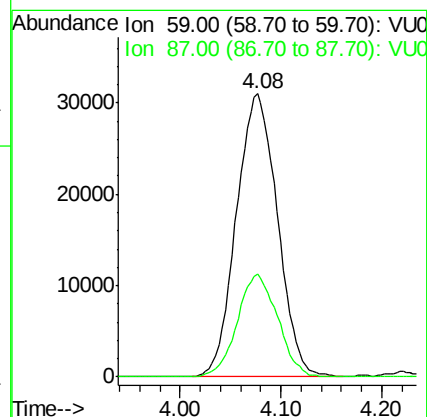
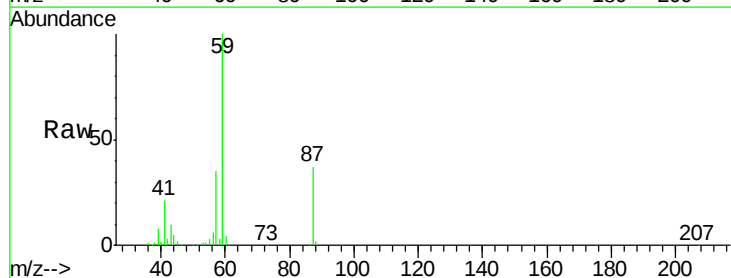
Acq: 26 Nov 2018 13:43

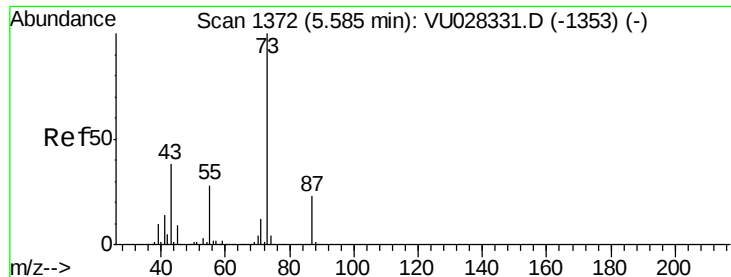
Tgt Ion: 59 Resp: 87648

Ion Ratio Lower Upper

59 100

87 35.6 28.2 42.4





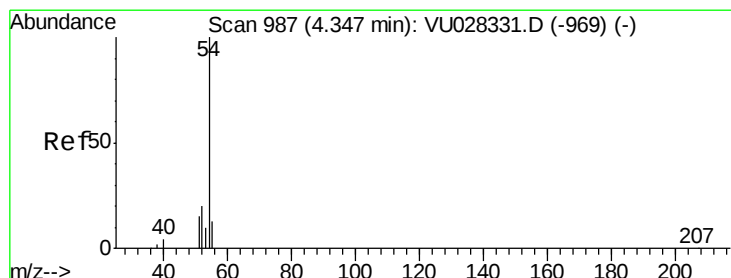
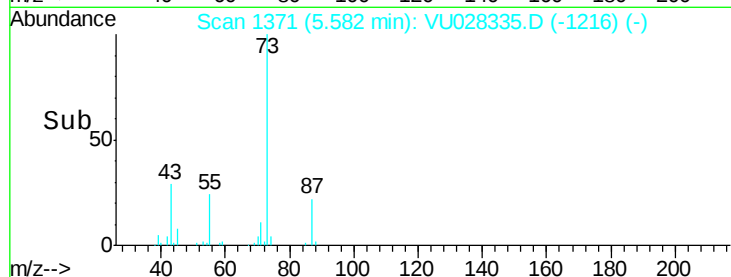
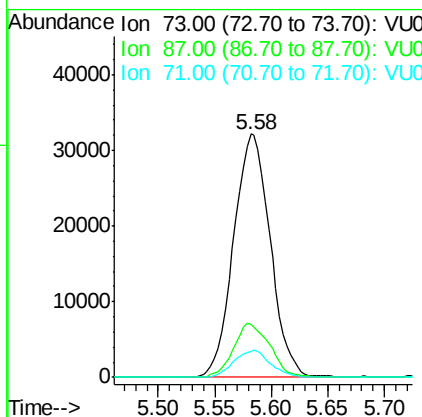
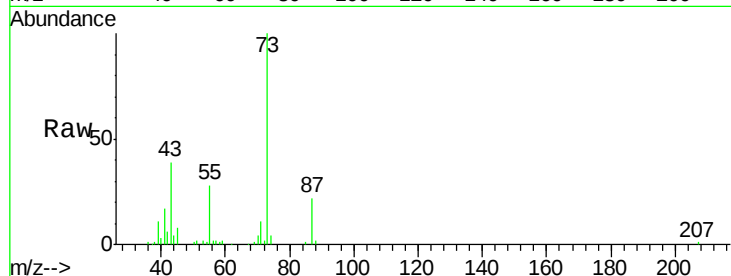
#33
Tert-Amyl methyl ether
Concen: 1.926 ug/l
RT: 5.58 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

Tgt Ion: 73 Resp: 72622
Ion Ratio Lower Upper
73 100
87 21.9 17.6 26.4
71 10.9 9.2 13.8

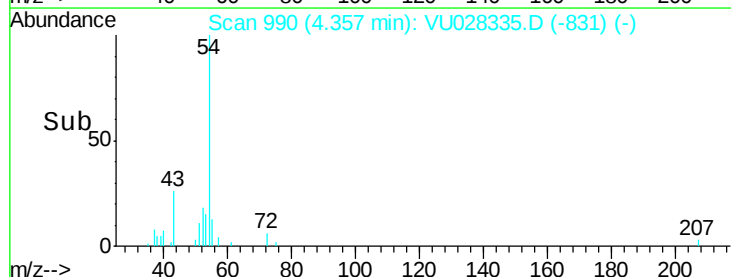
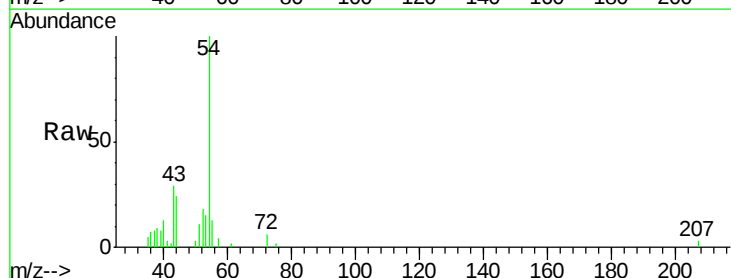
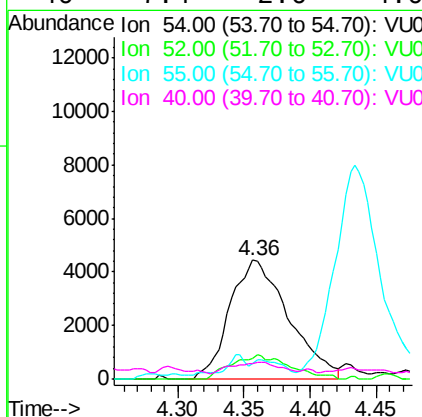
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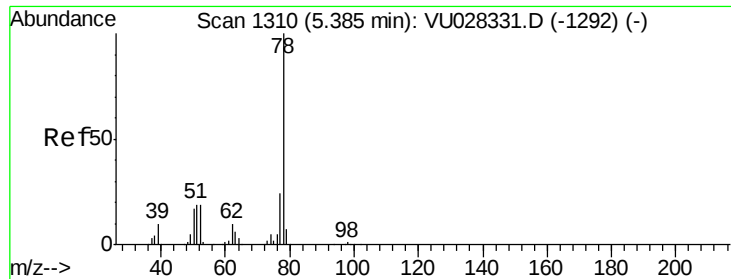
MMDadoda
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#34
Propionitrile
Concen: 10.018 ug/l
RT: 4.36 min Scan# 990
Delta R.T. 0.01 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion: 54 Resp: 13712
Ion Ratio Lower Upper
54 100
52 12.6 16.6 25.0#
55 4.8 12.9 19.3#
40 7.4 2.6 4.0#





#35

Benzene

Concen: 1.934 ug/l

RT: 5.39 min Scan# 1310

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

Tgt Ion: 78 Resp: 126741

Ion Ratio Lower Upper

78 100

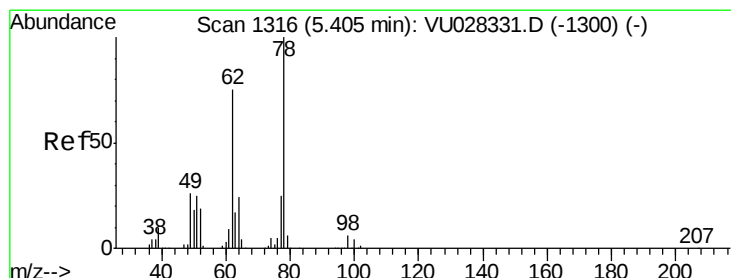
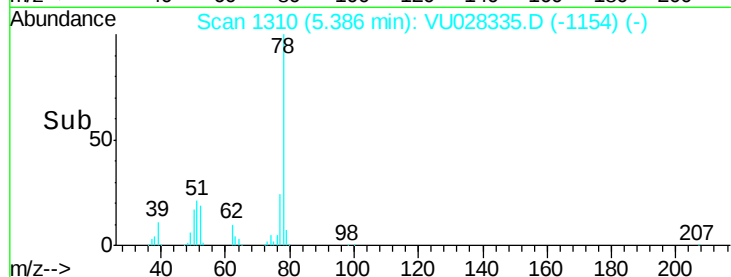
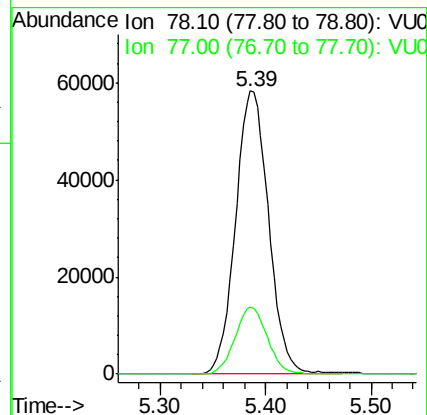
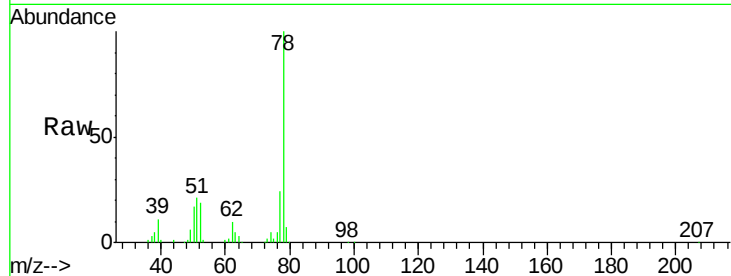
77 23.8 19.5 29.3

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#36

1,2-Dichloroethane

Concen: 1.897 ug/l

RT: 5.41 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VU028335.D

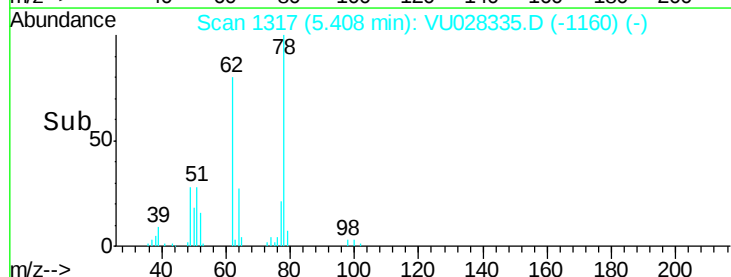
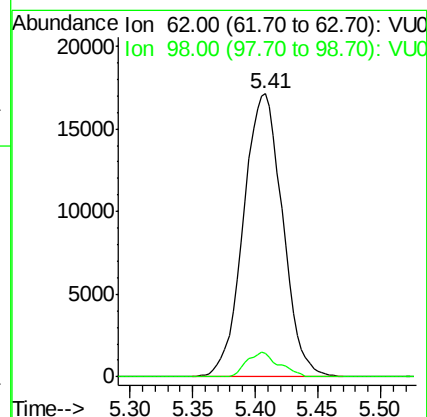
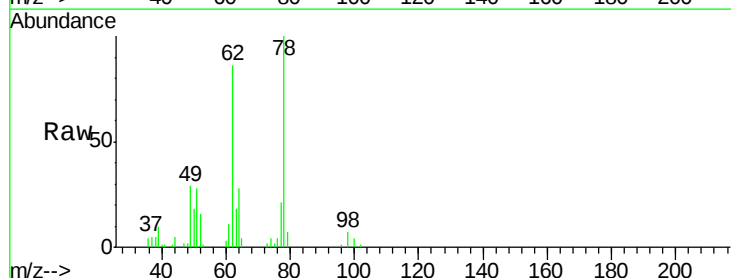
Acq: 26 Nov 2018 13:43

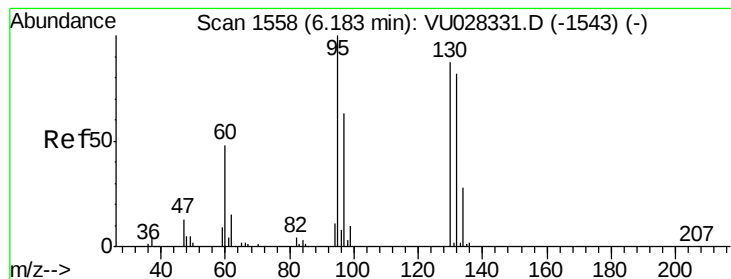
Tgt Ion: 62 Resp: 37192

Ion Ratio Lower Upper

62 100

98 7.2 6.0 9.0





#37

Trichloroethene

Concen: 1.902 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

Tgt Ion:130 Resp: 27148

Ion Ratio Lower Upper

130 100

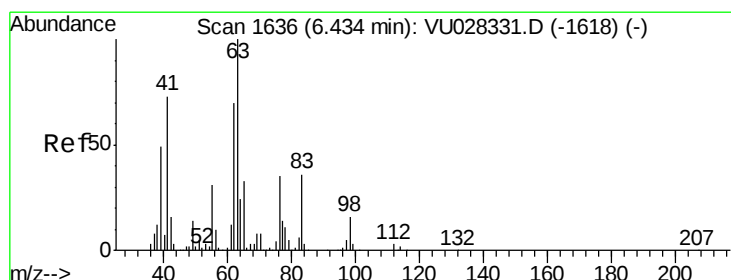
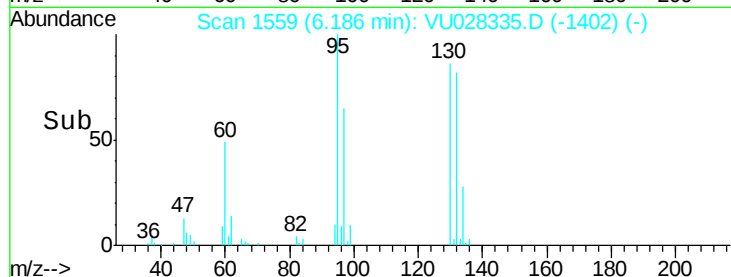
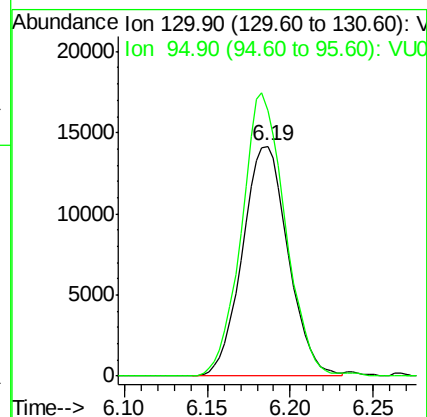
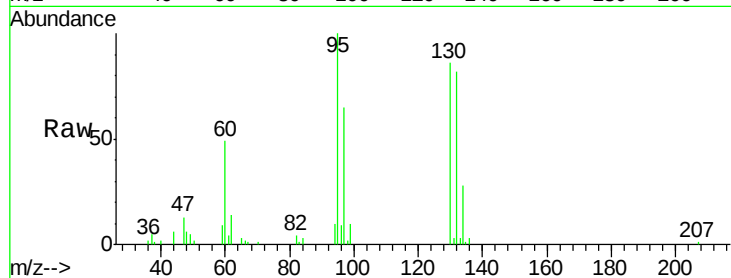
95 115.7 91.5 137.3

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#38

1,2-Dichloropropane

Concen: 2.001 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU028335.D

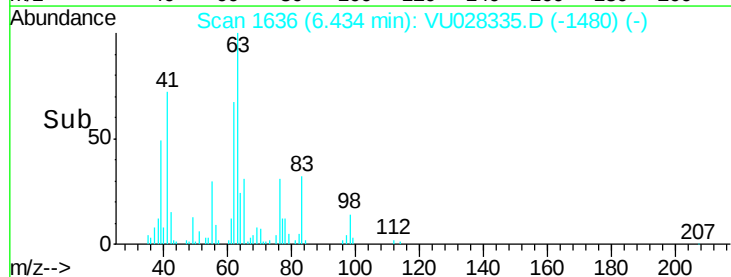
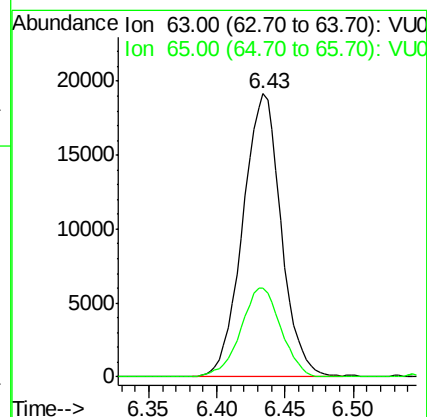
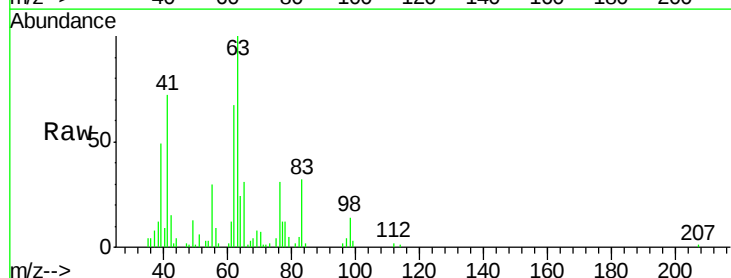
Acq: 26 Nov 2018 13:43

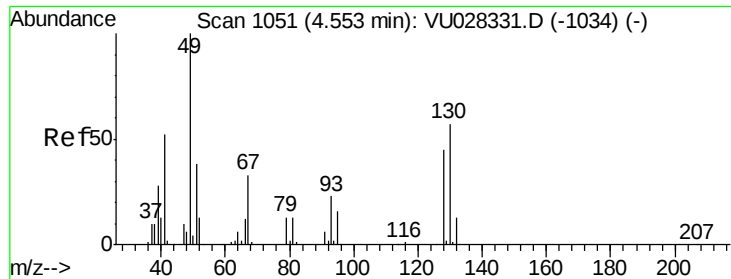
Tgt Ion: 63 Resp: 37407

Ion Ratio Lower Upper

63 100

65 31.5 26.2 39.4





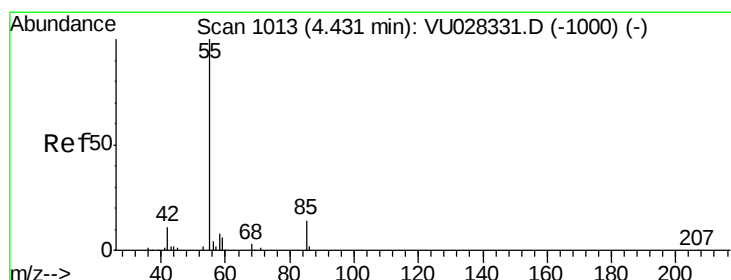
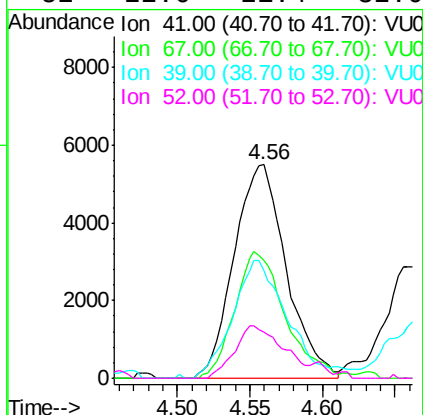
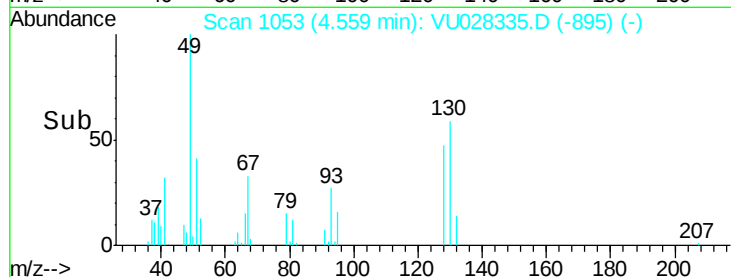
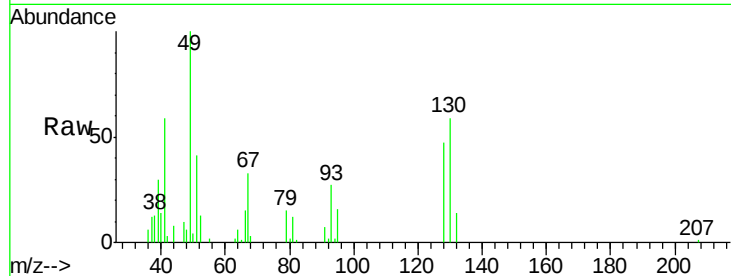
#39
Methacrylonitrile
Concen: 1.876 ug/l
RT: 4.56 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
67	57.8	48.2	72.4
39	58.7	42.9	64.3
52	22.6	21.4	32.0

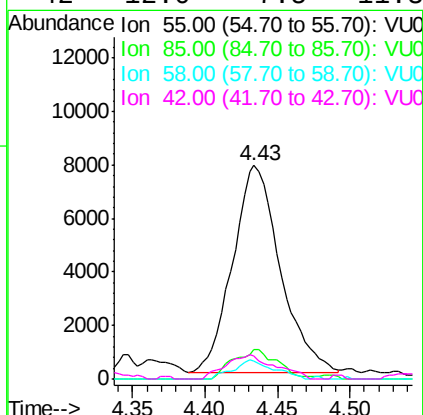
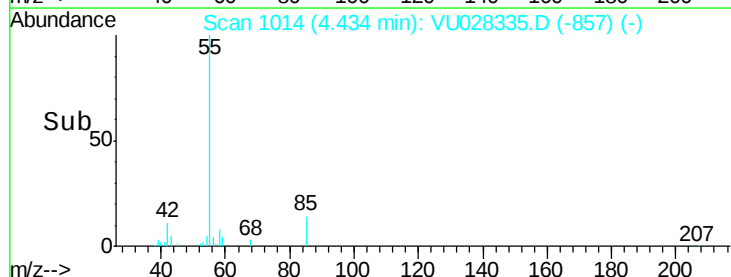
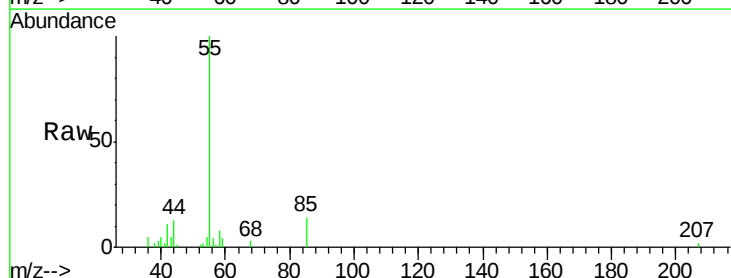
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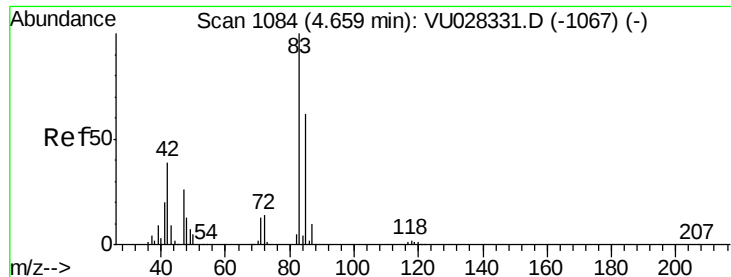
MMDadoda
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#40
Methyl acrylate
Concen: 1.753 ug/l
RT: 4.43 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
55	100		
85	13.5	10.9	16.3
58	7.8	6.4	9.6
42	12.0	7.5	11.3#





#41

Tetrahydrofuran

Concen: 3.896 ug/l

RT: 4.67 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

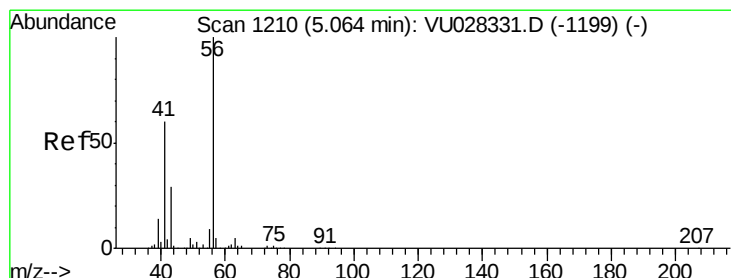
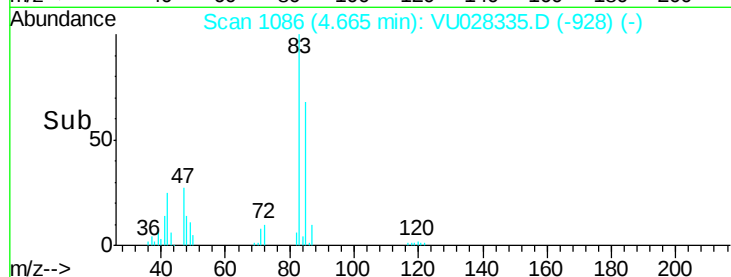
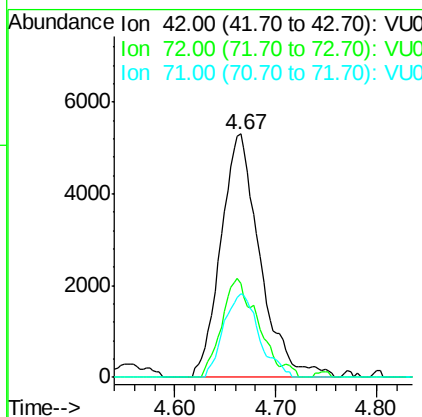
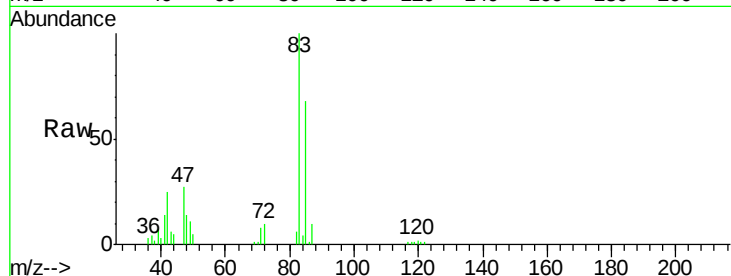
ClientSampleId :

VU1126WBS01

Tgt Ion:	42	Resp:	14357
Ion	Ratio	Lower	Upper
42	100		
72	36.7	29.8	44.6
71	31.0	25.9	38.9

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#42

1-Chlorobutane

Concen: 1.923 ug/l

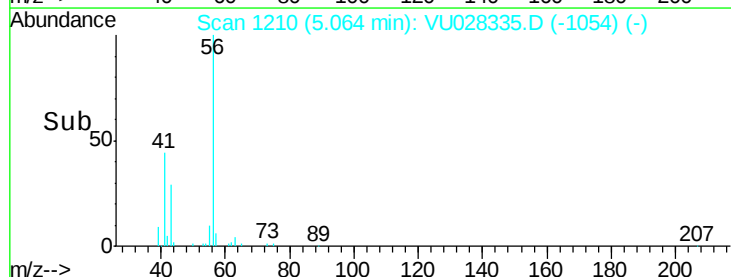
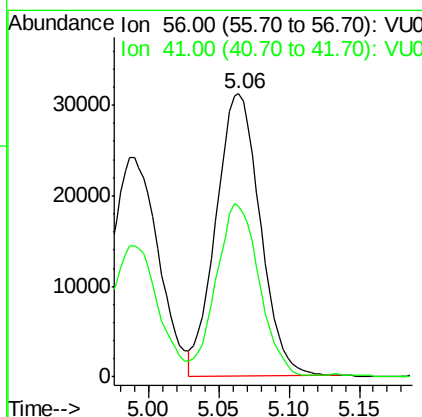
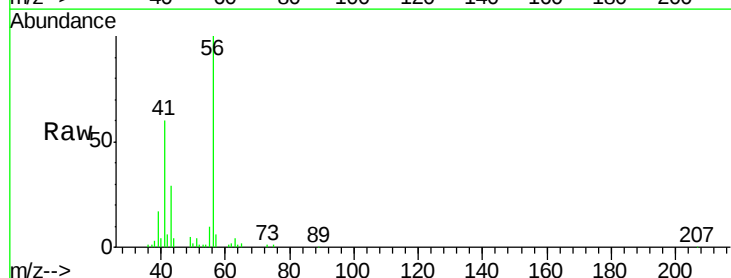
RT: 5.06 min Scan# 1210

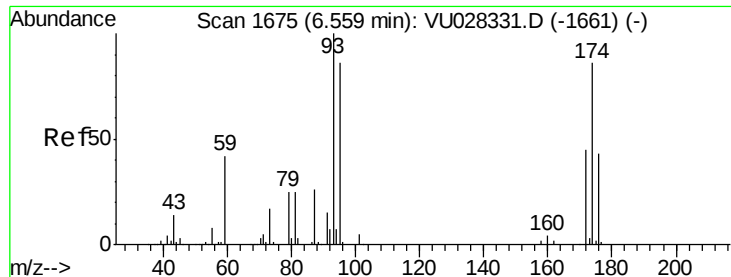
Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Tgt Ion:	56	Resp:	68072
Ion	Ratio	Lower	Upper
56	100		
41	59.3	29.8	89.3





#43

Dibromomethane

Concen: 2.045 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

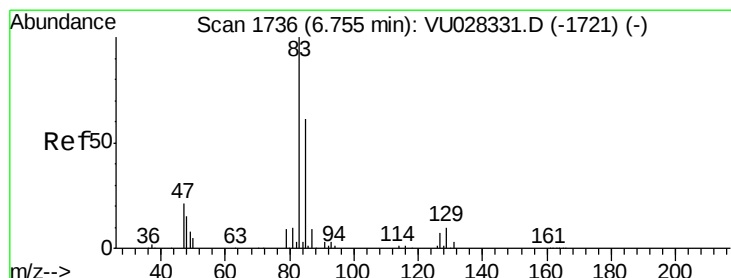
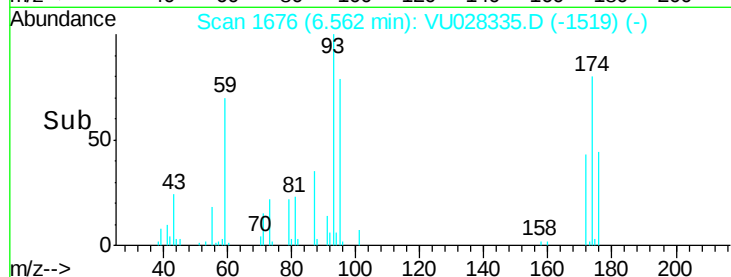
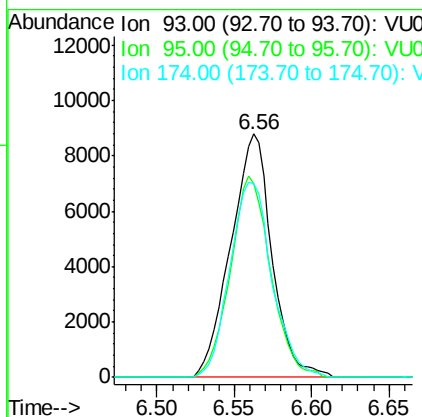
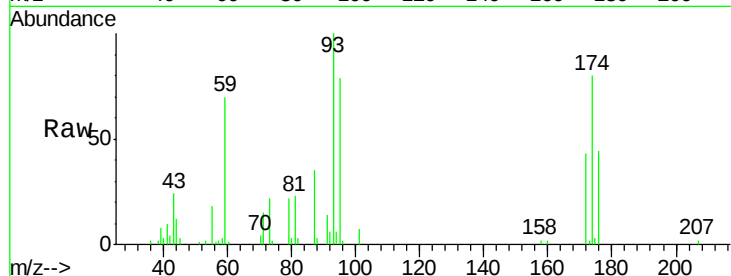
ClientSampleId :

VU1126WBS01

Tgt Ion:	93	Resp:	16270
Ion	Ratio	Lower	Upper
93	100		
95	80.8	66.6	99.8
174	82.0	69.4	104.2

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#44

Bromodichloromethane

Concen: 1.890 ug/l

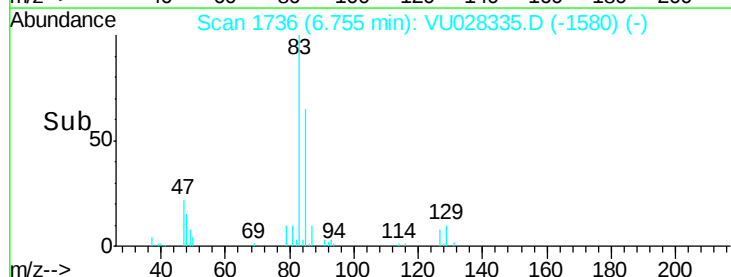
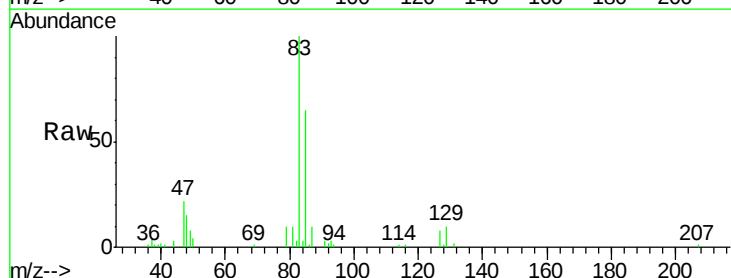
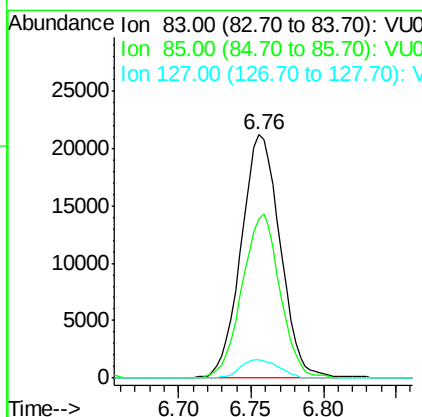
RT: 6.76 min Scan# 1736

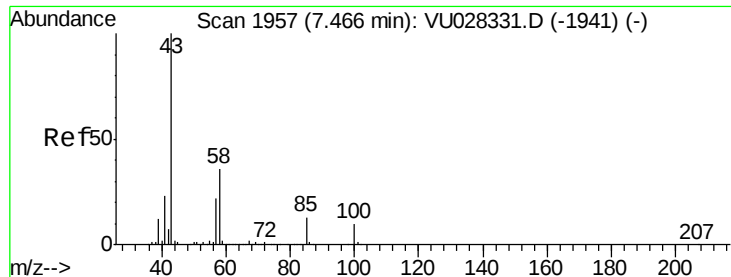
Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Tgt Ion:	83	Resp:	39717
Ion	Ratio	Lower	Upper
83	100		
85	65.4	49.0	73.6
127	7.7	5.7	8.5





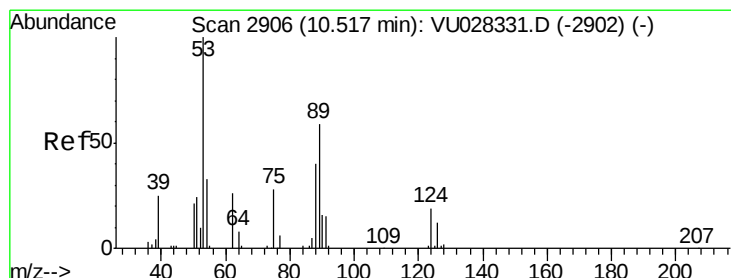
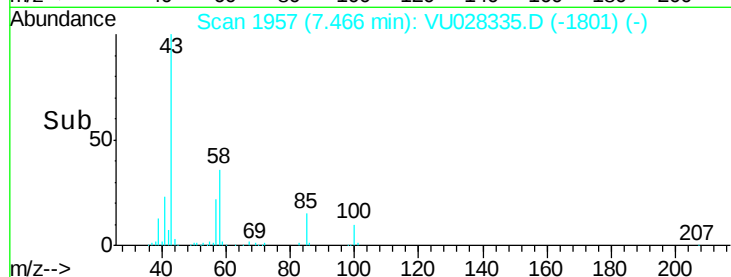
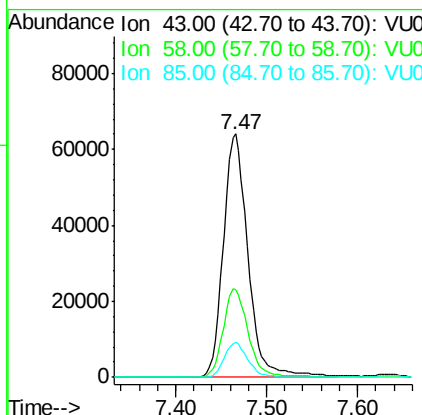
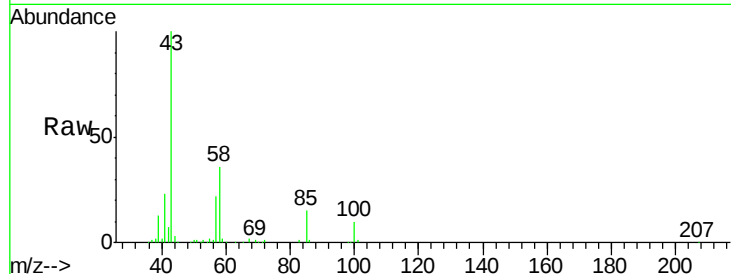
#45
 4-Methyl-2-Pentanone
 Concen: 9.465 ug/l
 RT: 7.47 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.1	17.9	53.7
85	13.7	10.8	16.2

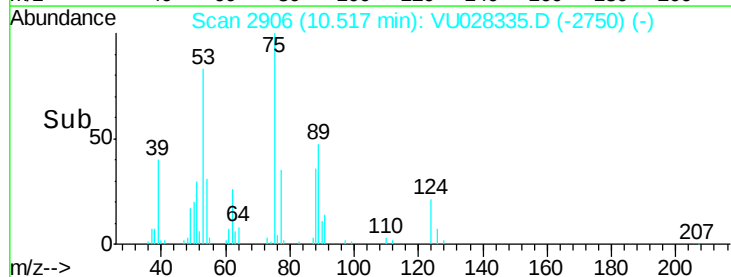
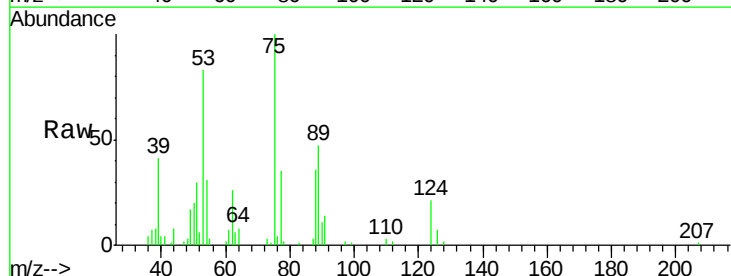
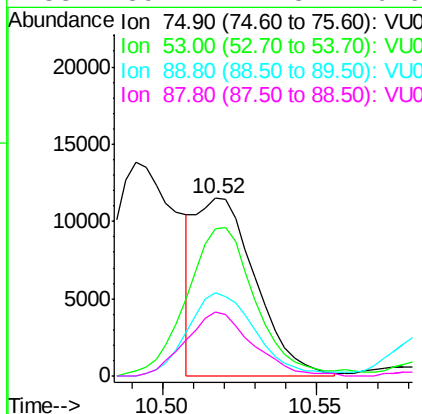
Manual Integrations
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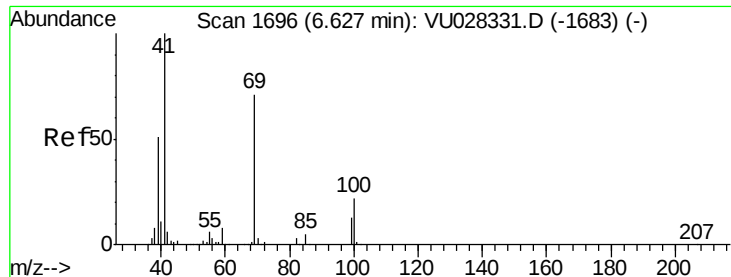
MMDadoda
 11/30/2018 2:33:38 PM



#46
 t-1,4-Dichloro-2-butene
 Concen: 3.350 ug/l m
 RT: 10.52 min Scan# 2906
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
75	100		
53	94.7	65.0	97.6
89	53.4	38.6	58.0
88	39.7	27.3	40.9





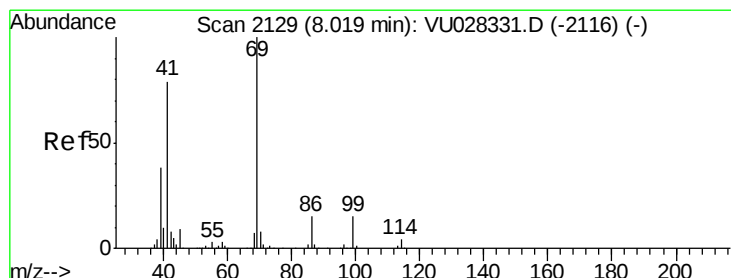
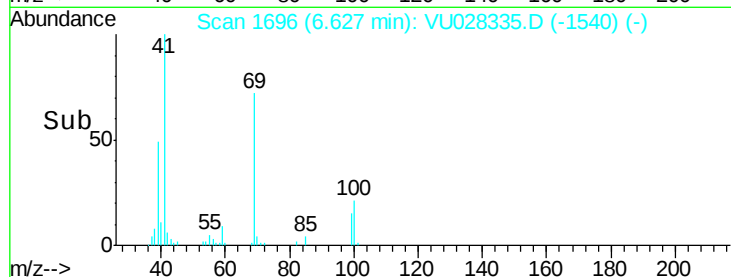
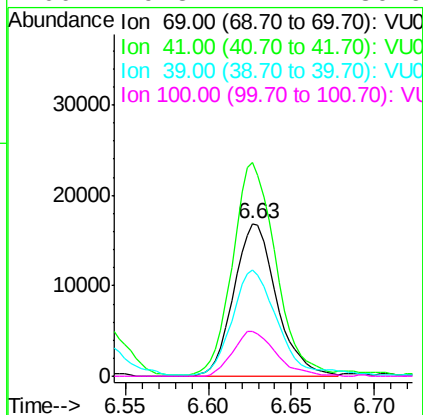
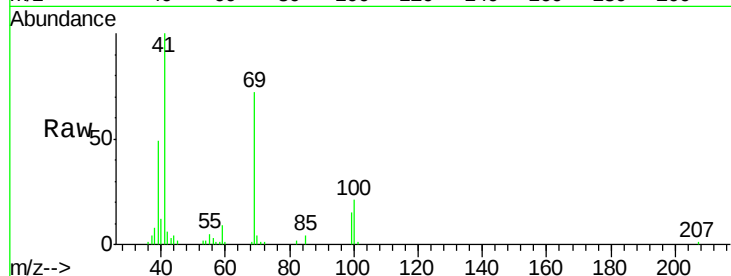
#47
Methyl methacrylate
Concen: 3.735 ug/l
RT: 6.63 min Scan# 1696
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	138.8	0.0	277.2	
39	70.0	57.6	86.4	
100	29.8	24.4	36.6	

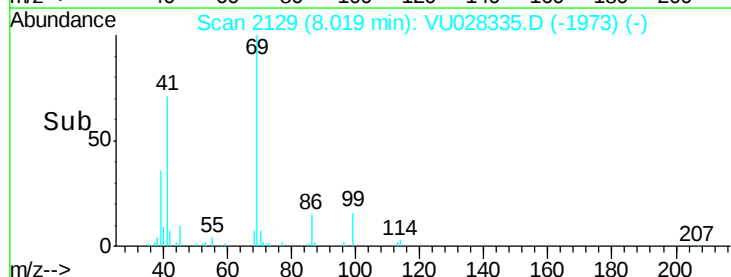
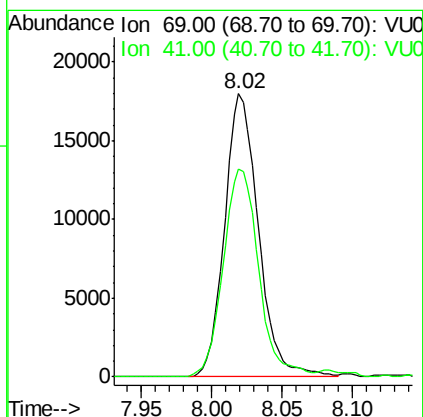
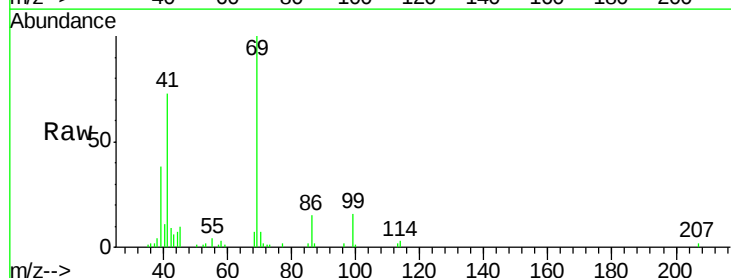
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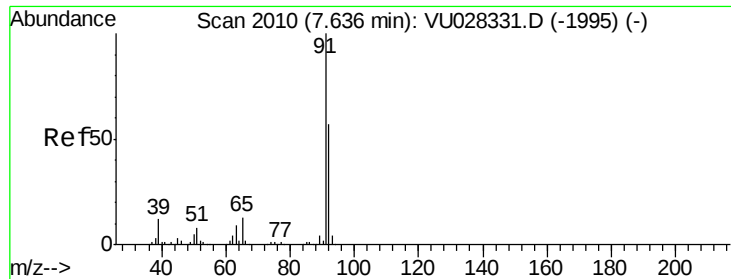
MMDadoda
11/30/2018 2:33:38 PM



#48
Ethyl methacrylate
Concen: 1.858 ug/l
RT: 8.02 min Scan# 2129
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	76.8	39.4	118.2	





#49

Toluene

Concen: 1.914 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

Tgt Ion: 92 Resp: 69655

Ion Ratio Lower Upper

92 100

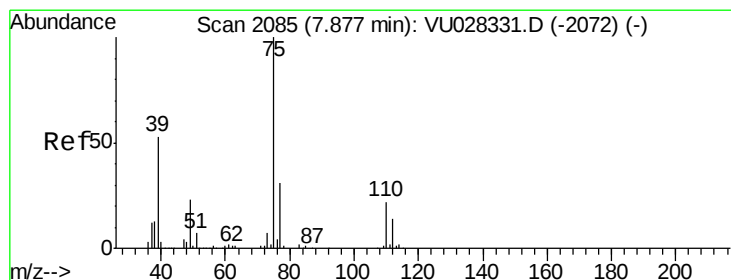
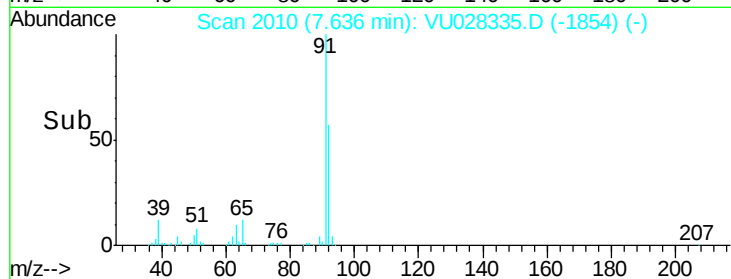
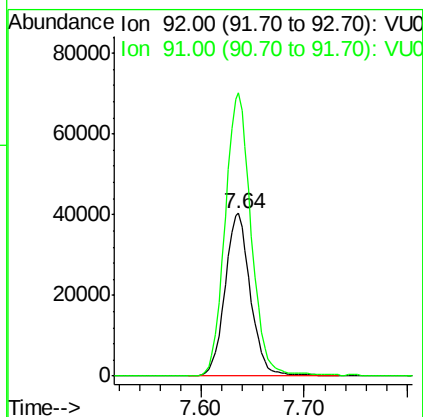
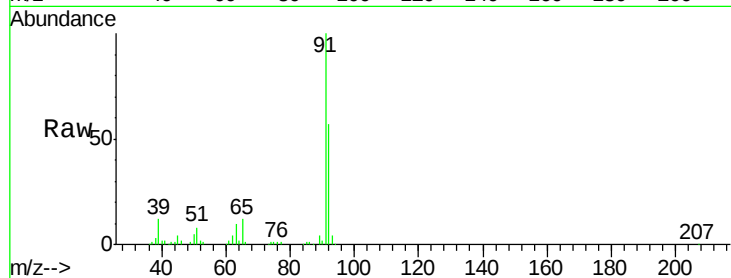
91 177.2 141.5 212.3

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#50

t-1,3-Dichloropropene

Concen: 1.871 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU028335.D

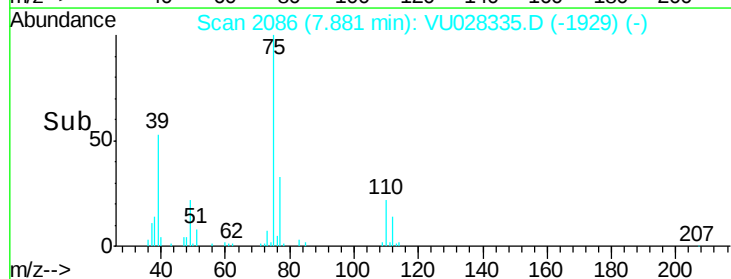
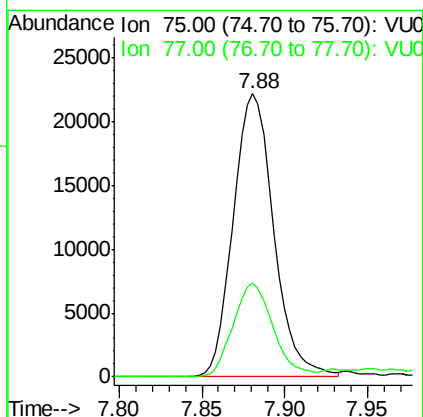
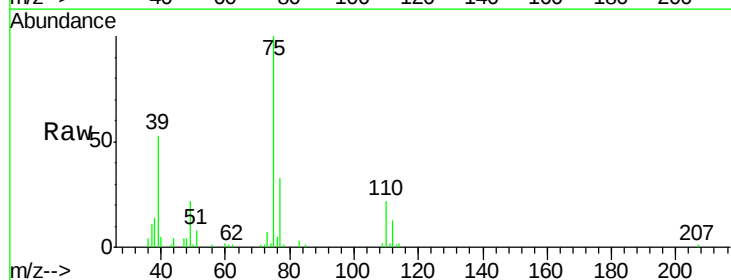
Acq: 26 Nov 2018 13:43

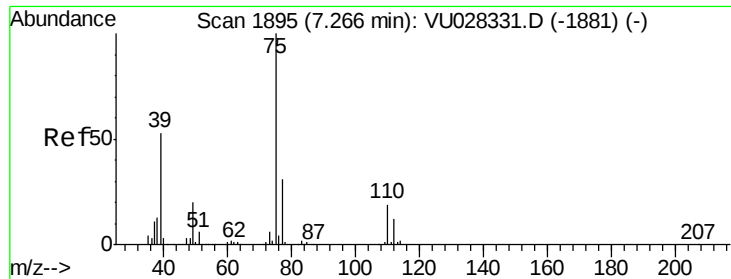
Tgt Ion: 75 Resp: 37759

Ion Ratio Lower Upper

75 100

77 33.2 24.7 37.1





#51

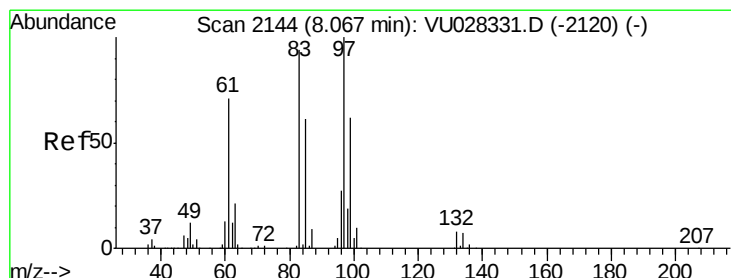
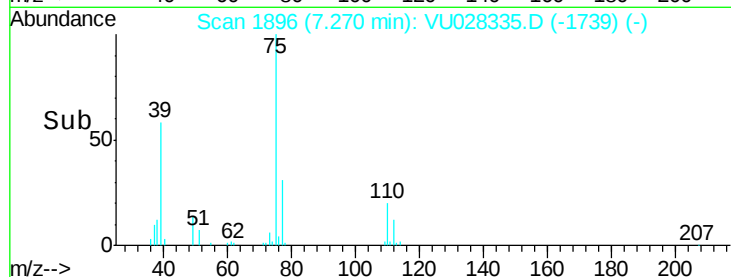
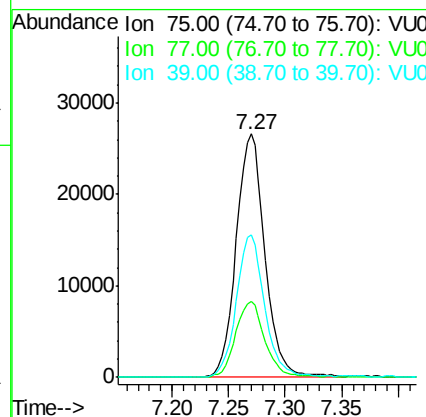
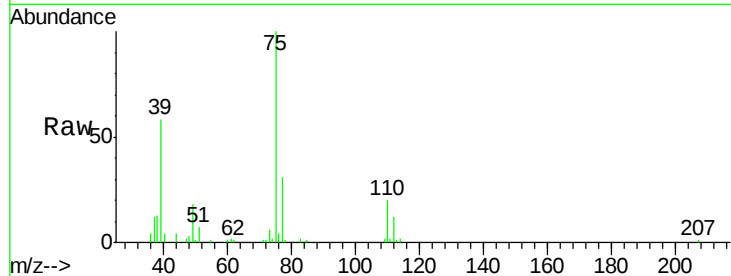
cis-1,3-Dichloropropene
Concen: 1.890 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.4	36.6
39	58.3	42.8	64.2

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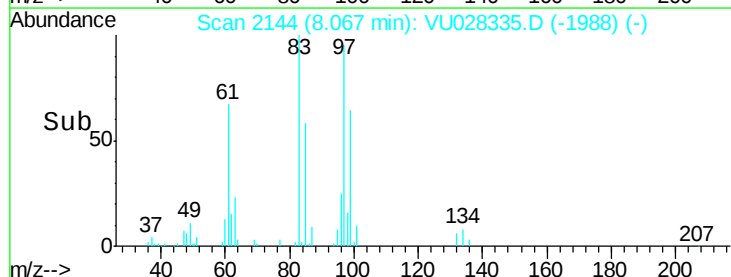
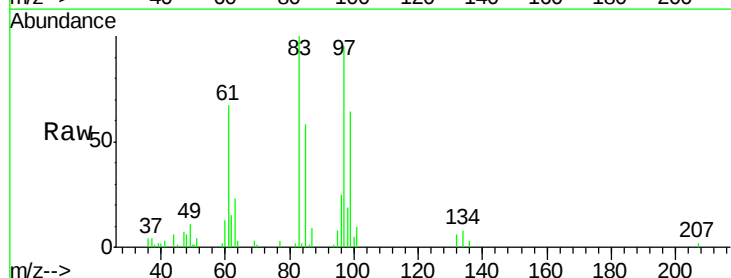
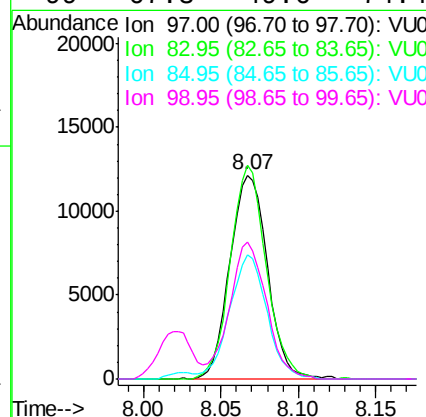
MMDadoda
11/30/2018 2:33:38 PM

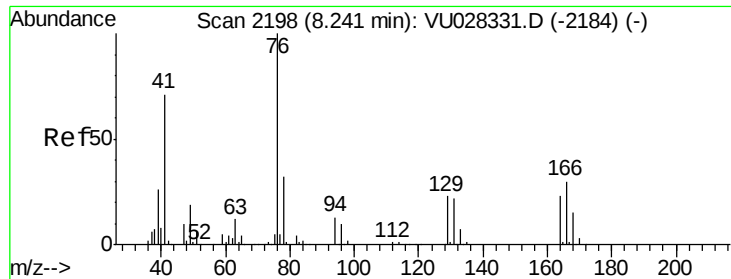


#52

1,1,2-Trichloroethane
Concen: 1.833 ug/l
RT: 8.07 min Scan# 2144
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
97	100		
83	104.9	75.1	112.7
85	61.1	48.7	73.1
99	67.3	49.6	74.4





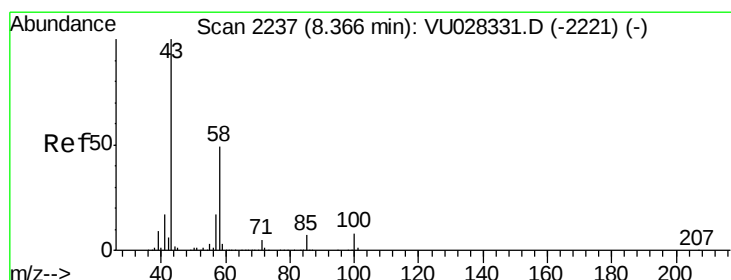
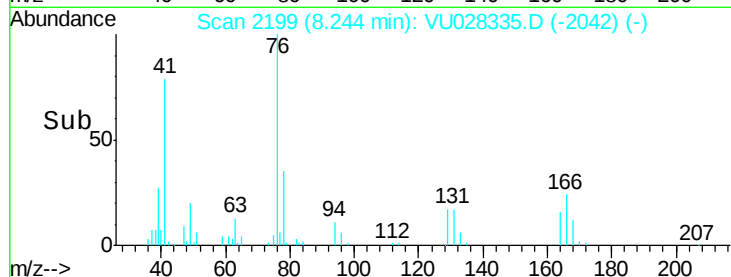
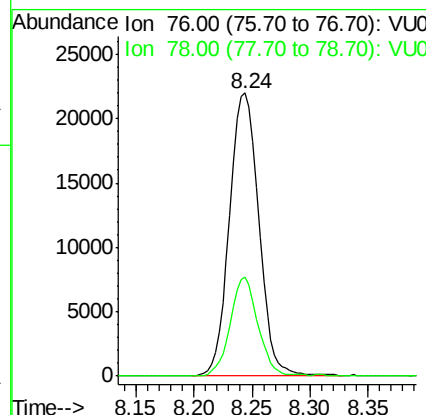
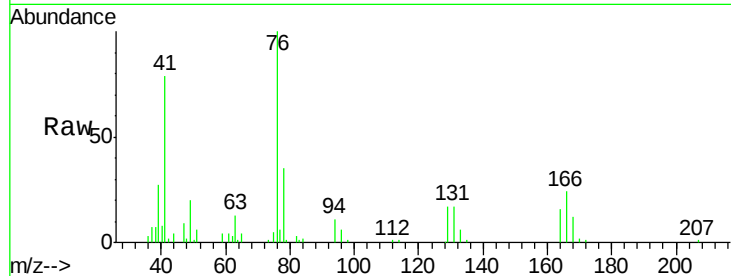
#53
 1,3-Dichloropropane
 Concen: 1.849 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

Tgt Ion: 76 Resp: 38580
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.4 38.0

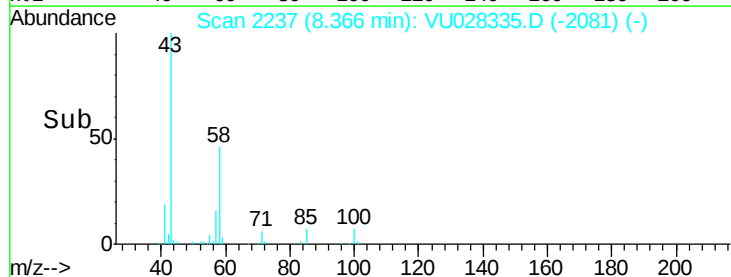
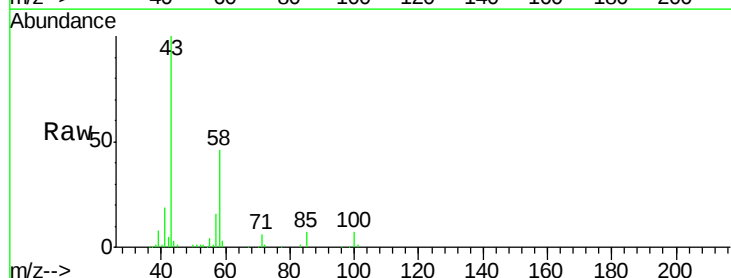
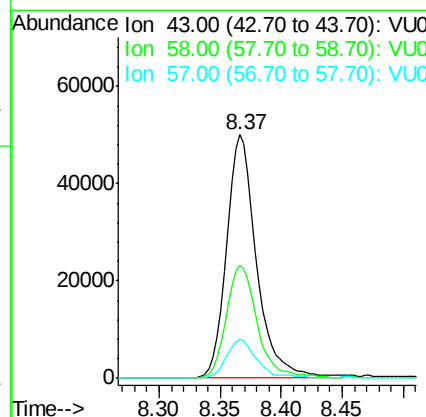
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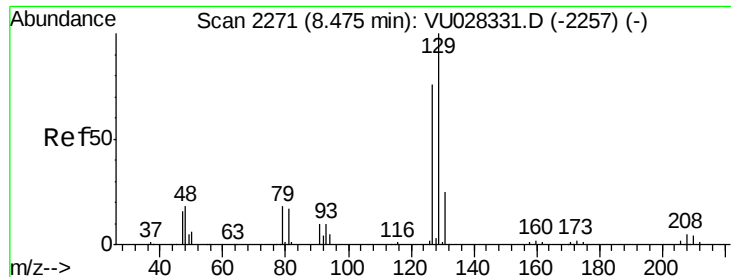
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#54
 2-Hexanone
 Concen: 9.421 ug/l
 RT: 8.37 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Tgt Ion: 43 Resp: 86621
 Ion Ratio Lower Upper
 43 100
 58 47.8 29.3 69.3
 57 16.1 0.0 36.8





#55

Dibromochloromethane

Concen: 1.959 ug/l

RT: 8.48 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

Tgt Ion:129 Resp: 23277

Ion Ratio Lower Upper

129 100

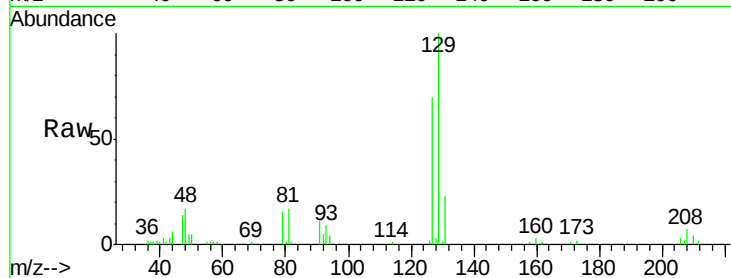
127 72.8 61.0 91.4

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.48

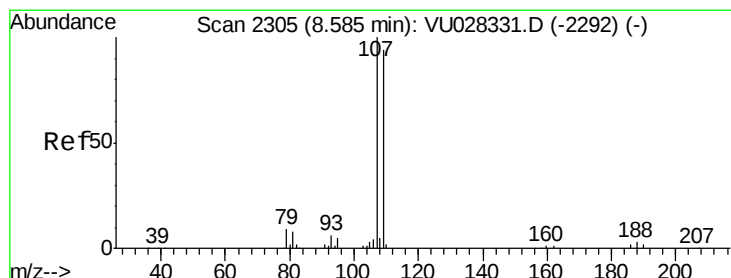
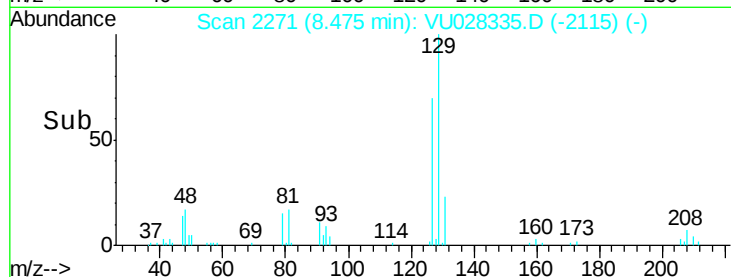
15000

10000

5000

0

Time--> 8.40 8.45 8.50 8.55



#56

1,2-Dibromoethane

Concen: 1.881 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VU028335.D

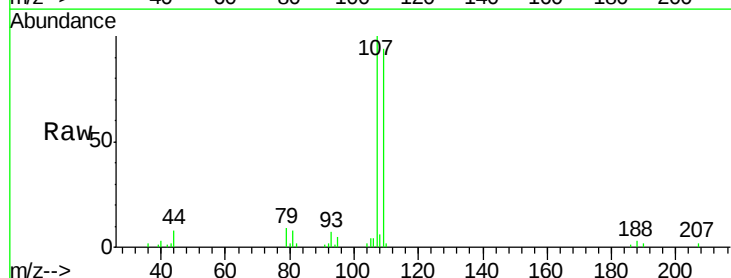
Acq: 26 Nov 2018 13:43

Tgt Ion:107 Resp: 19139

Ion Ratio Lower Upper

107 100

109 91.7 0.0 187.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.58

12000

10000

8000

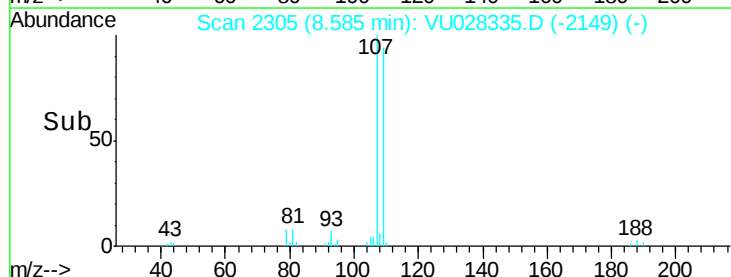
6000

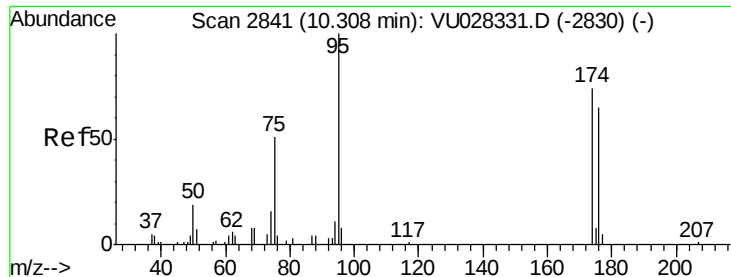
4000

2000

0

Time--> 8.50 8.55 8.60 8.65





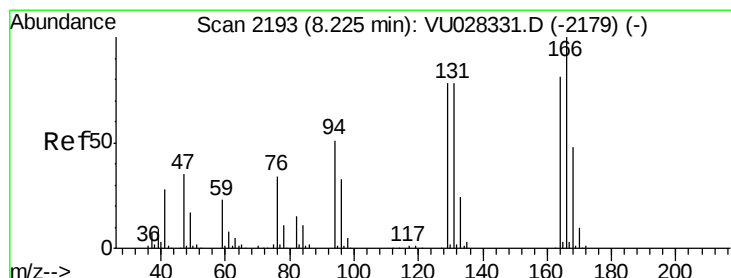
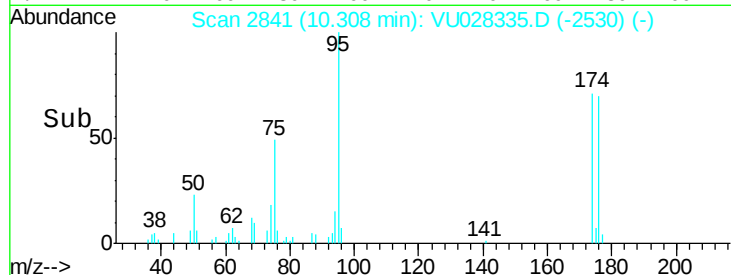
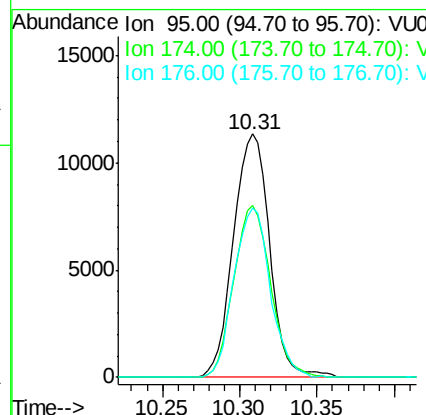
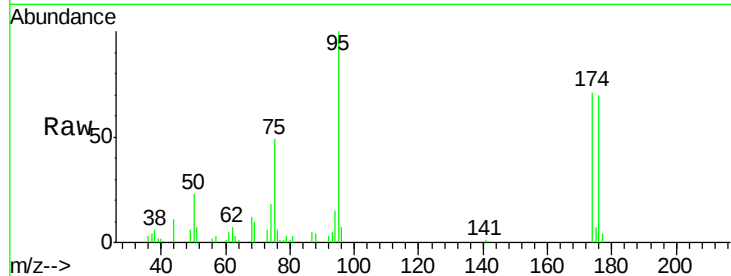
#57
4-Bromofluorobenzene
Concen: 1.881 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	18392		
174	72.1	59.3	88.9	
176	69.7	54.3	81.5	

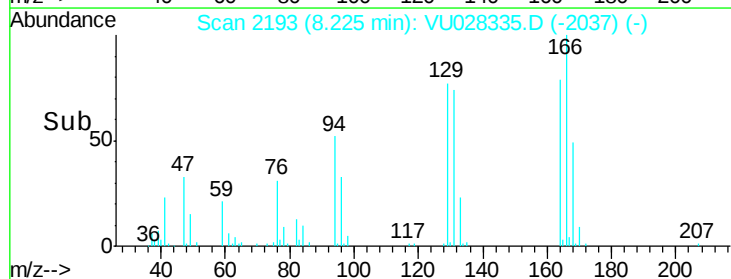
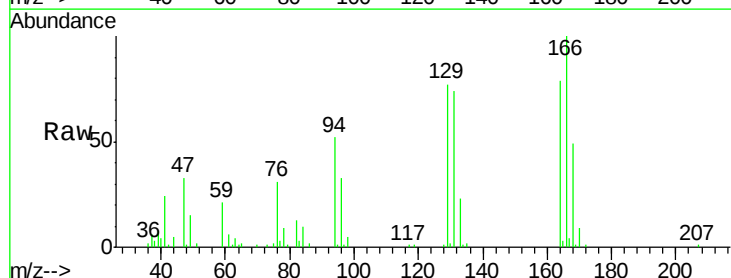
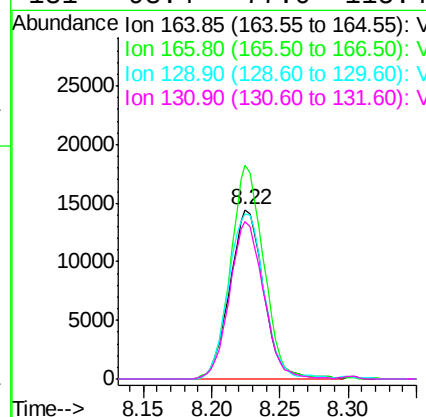
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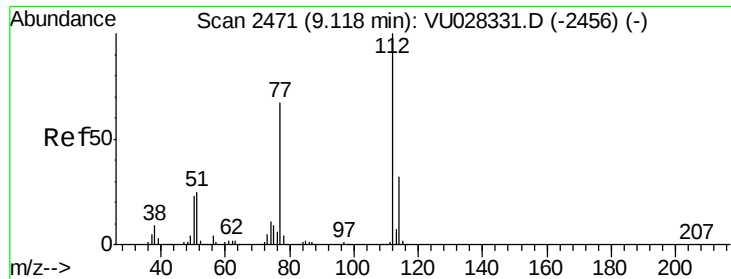
MMDadoda
11/30/2018 2:33:38 PM



#58
Tetrachloroethene
Concen: 1.902 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	24860		
166	126.3	98.6	148.0	
129	97.4	77.0	115.4	
131	93.4	77.0	115.4	





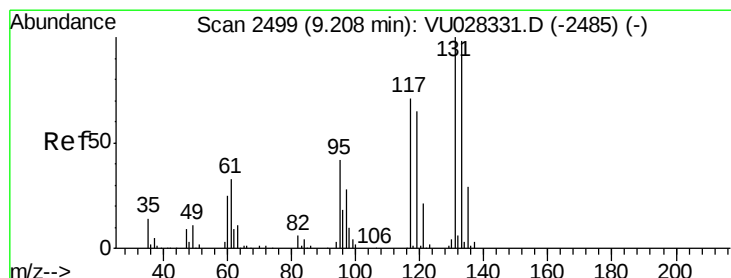
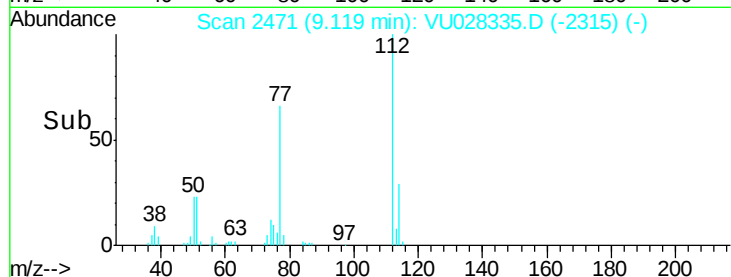
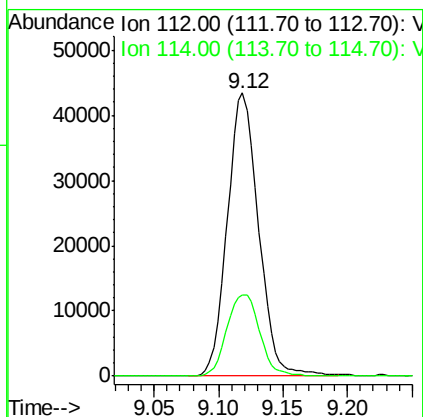
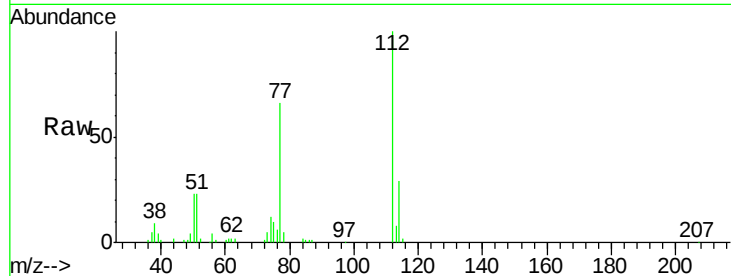
#59
Chlorobenzene
Concen: 1.930 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

Tgt Ion:112 Resp: 73107
Ion Ratio Lower Upper
112 100
114 28.8 25.2 37.8

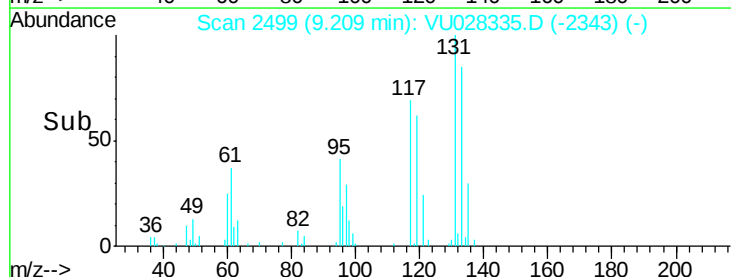
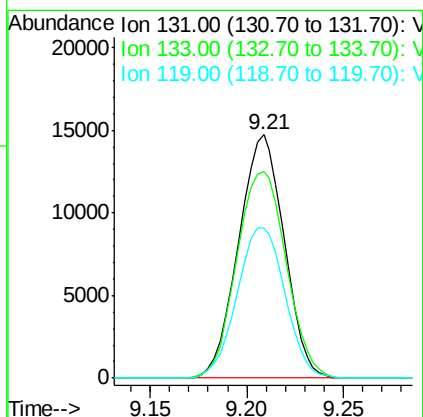
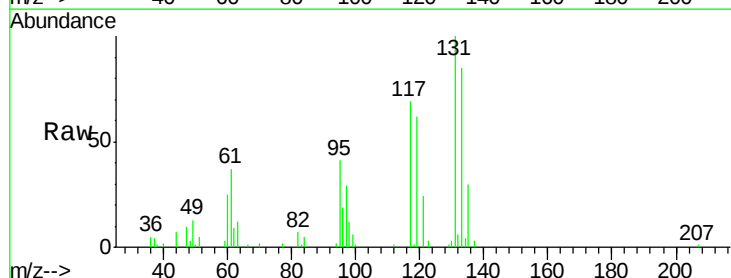
Manual Integrations
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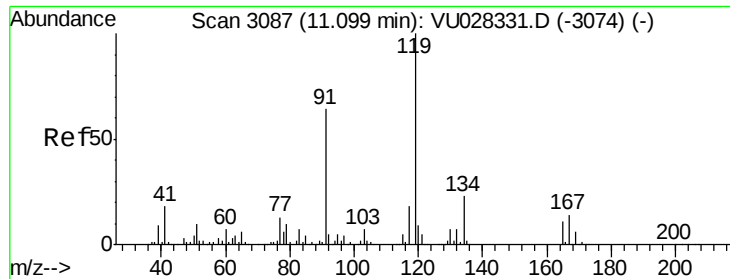
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#60
1,1,1,2-Tetrachloroethane
Concen: 1.879 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion:131 Resp: 24123
Ion Ratio Lower Upper
131 100
133 92.5 77.7 116.5
119 65.0 54.3 81.5





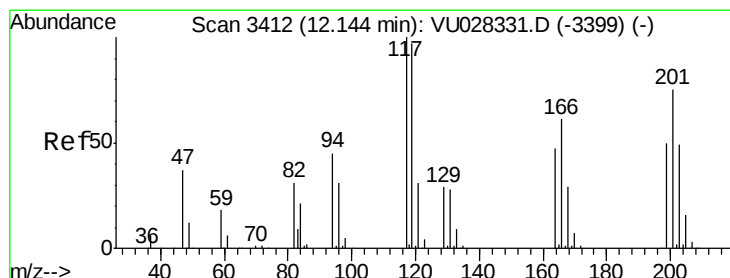
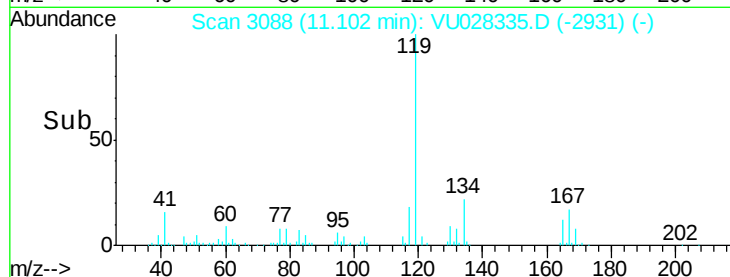
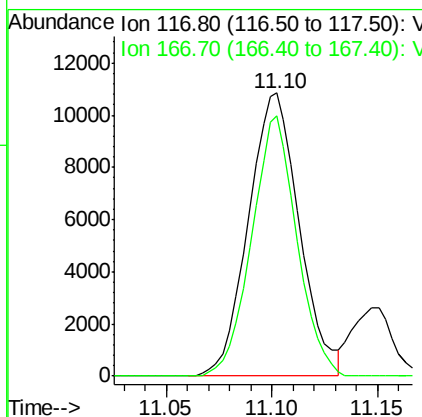
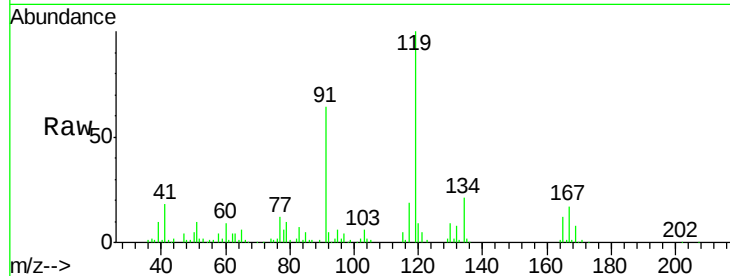
#61
 Pentachloroethane
 Concen: 1.822 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

Tgt Ion:117 Resp: 18196
 Ion Ratio Lower Upper
 117 100
 167 81.4 64.2 96.2

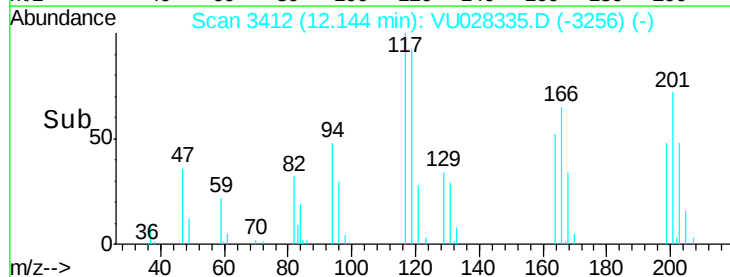
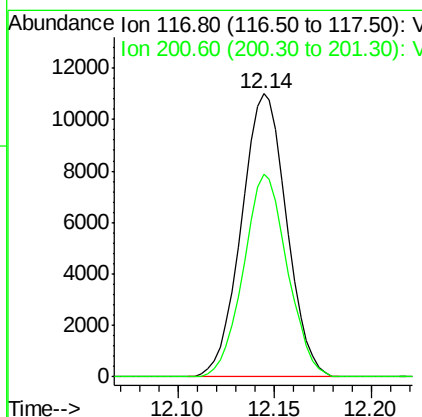
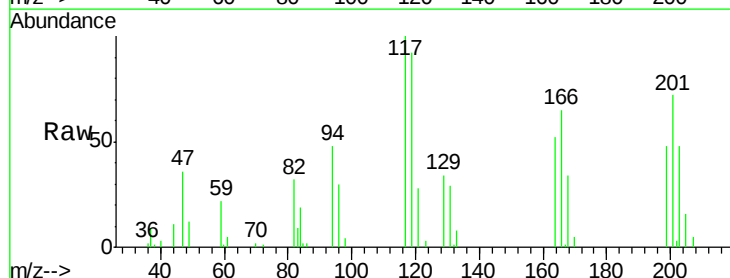
Manual Integrations
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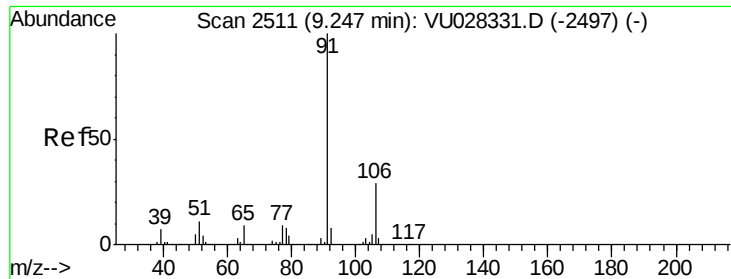
MMDadoda
 11/30/2018 2:33:38 PM



#62
 Hexachloroethane
 Concen: 1.909 ug/l
 RT: 12.14 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Tgt Ion:117 Resp: 17870
 Ion Ratio Lower Upper
 117 100
 201 69.6 59.4 89.2





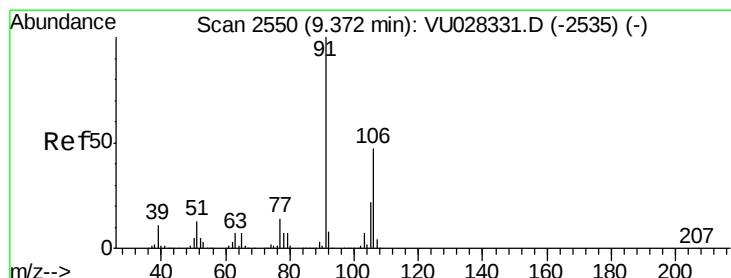
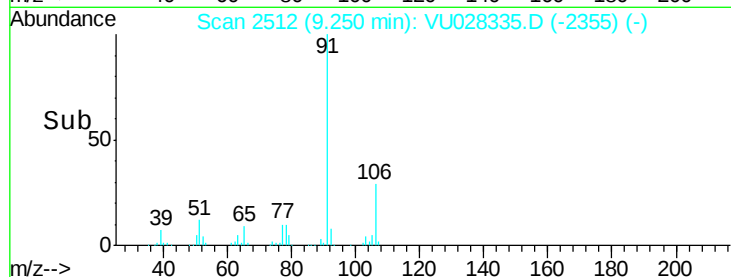
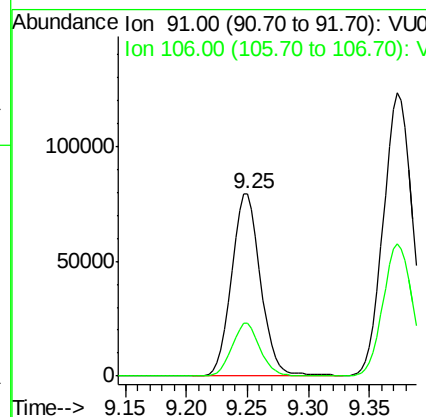
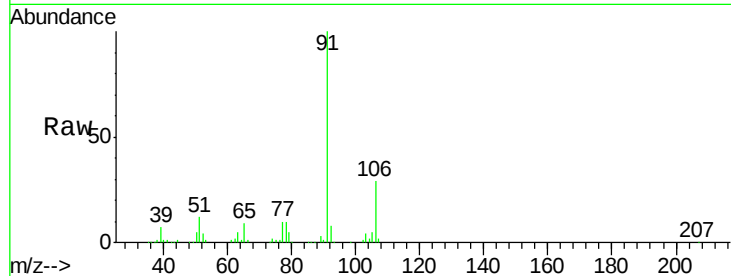
#63
Ethyl Benzene
Concen: 1.892 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

Tgt Ion: 91 Resp: 132237
Ion Ratio Lower Upper
91 100
106 29.1 23.4 35.2

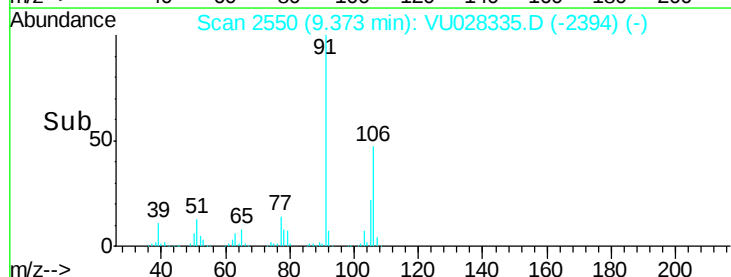
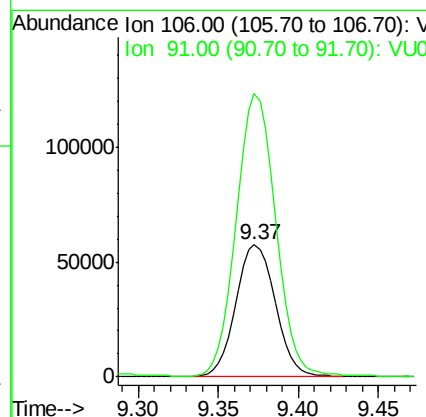
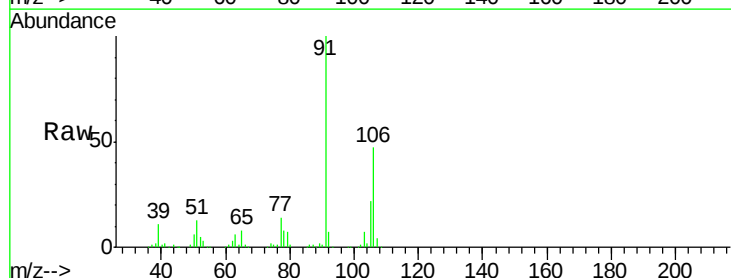
Manual Integrations
APPROVED

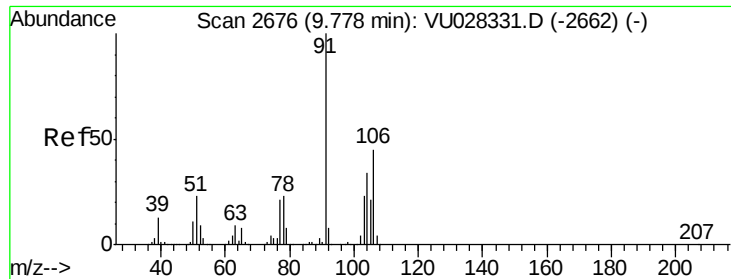
MMDadoda
11/30/2018 2:33:38 PM



#64
m/p-Xylenes
Concen: 3.794 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion: 106 Resp: 95966
Ion Ratio Lower Upper
106 100
91 214.6 170.6 256.0





#65

o-Xylene

Concen: 1.890 ug/l

RT: 9.78 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

Tgt Ion:106 Resp: 46118

Ion Ratio Lower Upper

106 100

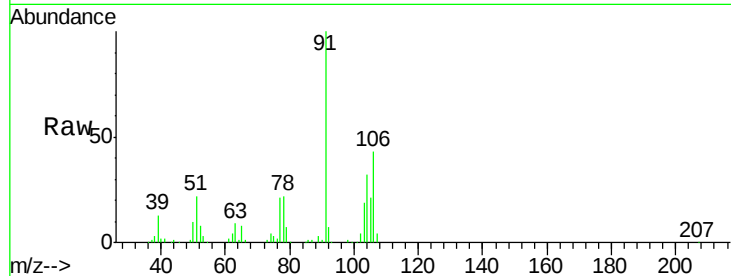
91 231.7 112.3 337.0

Manual Integrations

APPROVED

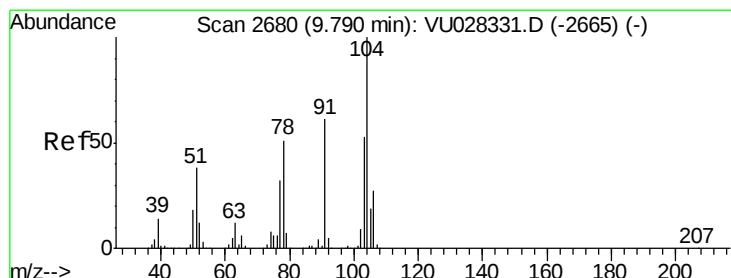
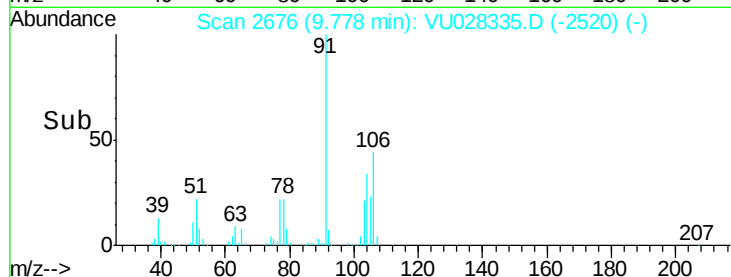
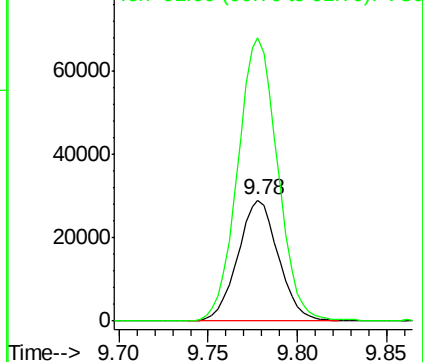
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 1.874 ug/l

RT: 9.79 min Scan# 2680

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

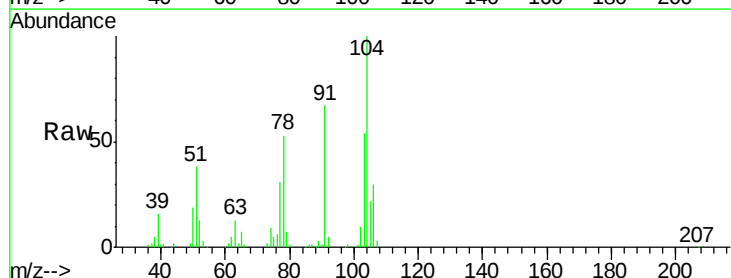
Tgt Ion:104 Resp: 78436

Ion Ratio Lower Upper

104 100

78 56.4 44.0 66.0

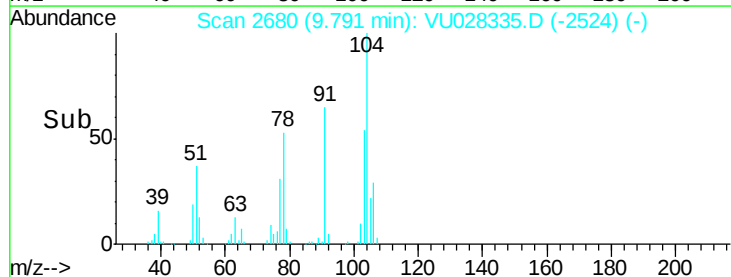
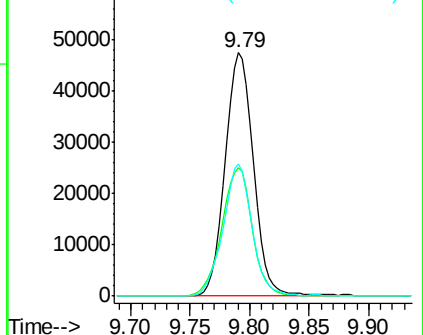
103 55.2 45.2 67.8

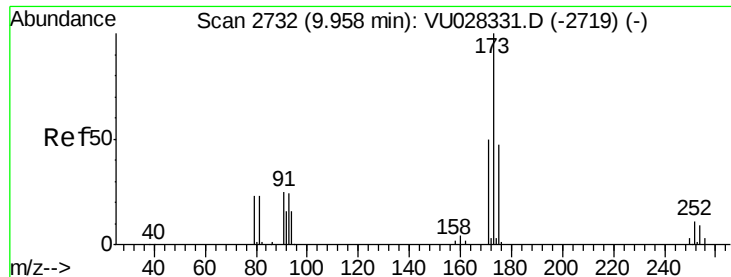


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 1.861 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

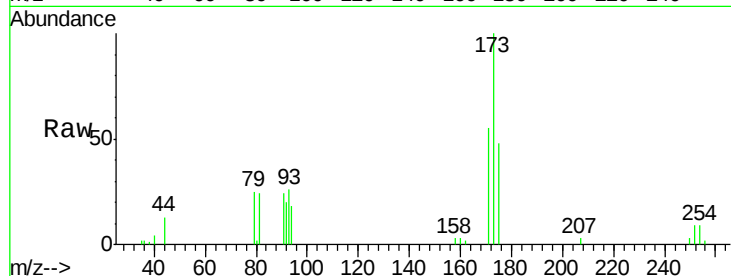
ClientSampleId :

VU1126WBS01

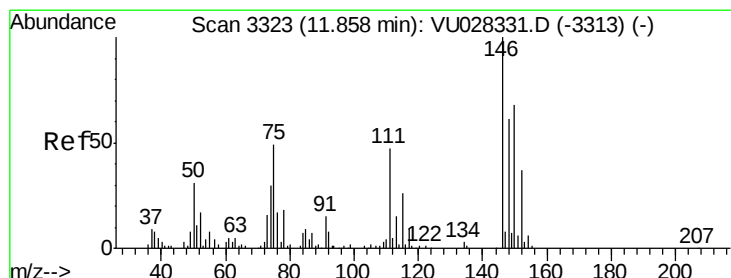
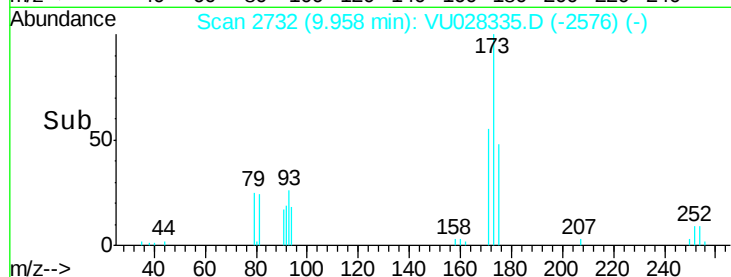
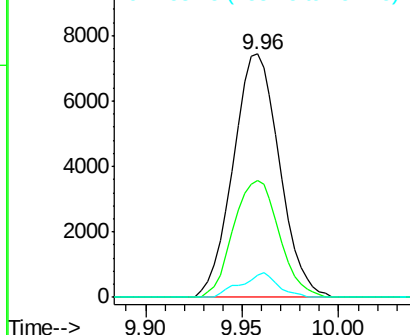
Tgt Ion:	173	Resp:	12396
Ion Ratio	Lower	Upper	
173	100		
175	47.5	39.0	58.6
254	8.0	6.8	10.2

Manual Integrations
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Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 1.861 ug/l

RT: 11.86 min Scan# 3324

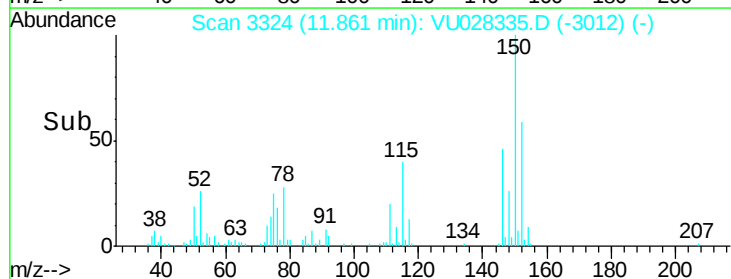
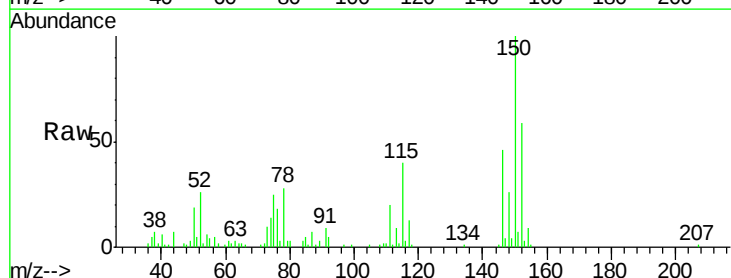
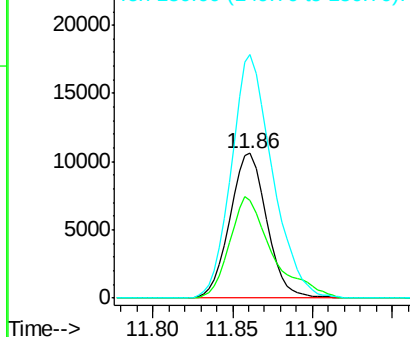
Delta R.T. 0.00 min

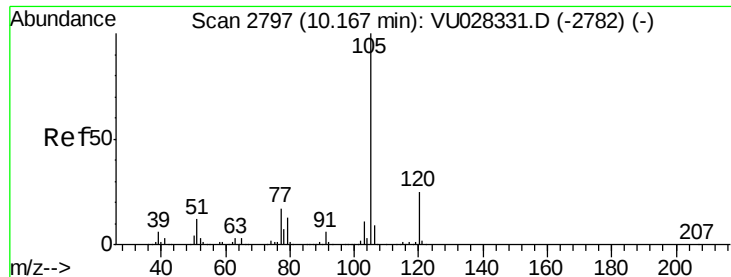
Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Tgt Ion:	152	Resp:	16687
Ion Ratio	Lower	Upper	
152	100		
115	80.6	0.0	146.8
150	187.0	0.0	653.2

Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.911 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

Tgt Ion: 105 Resp: 124911

Ion Ratio Lower Upper

105 100

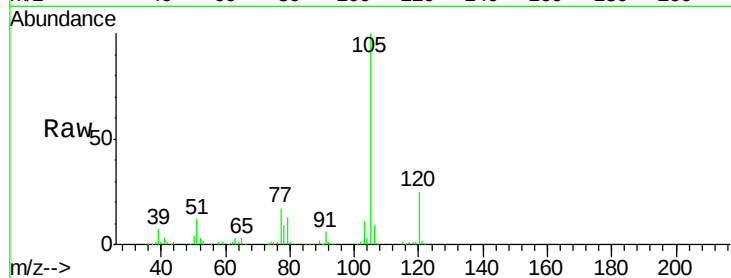
120 24.2 12.6 37.6

Manual Integrations

APPROVED

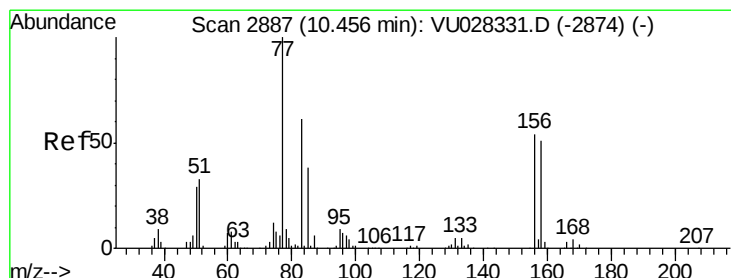
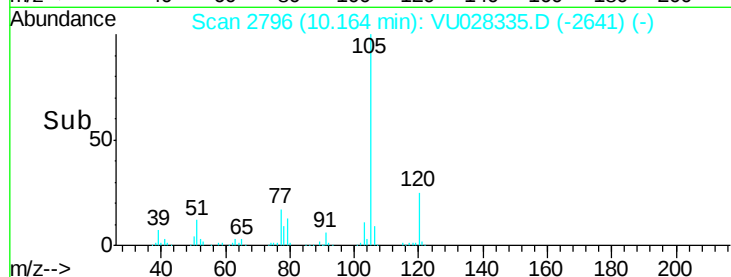
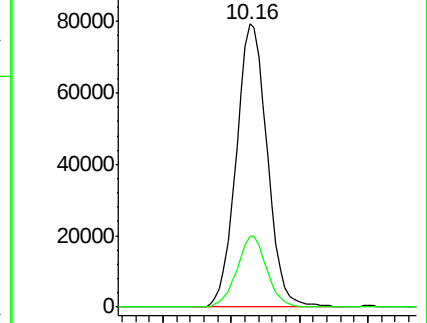
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 1.881 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

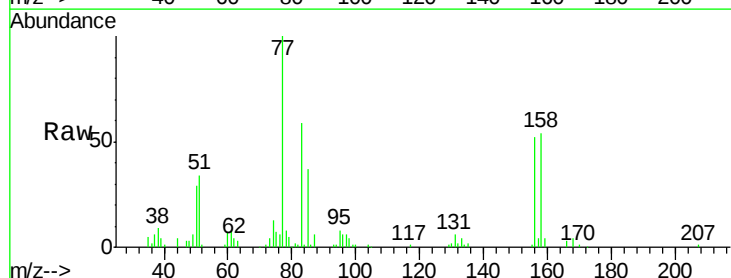
Tgt Ion: 83 Resp: 28181

Ion Ratio Lower Upper

83 100

131 8.5 6.6 9.8

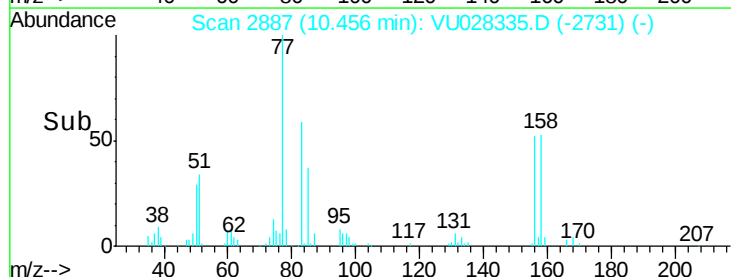
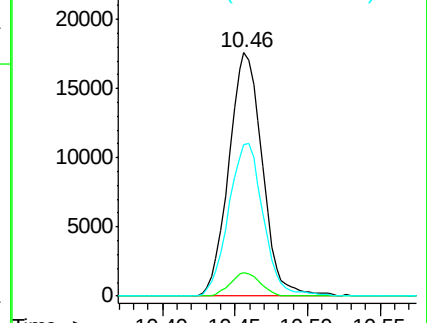
85 64.7 50.5 75.7

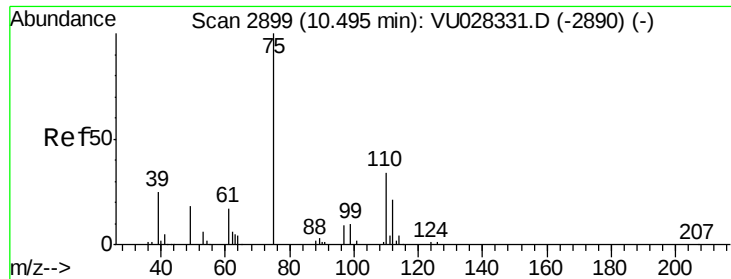


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0





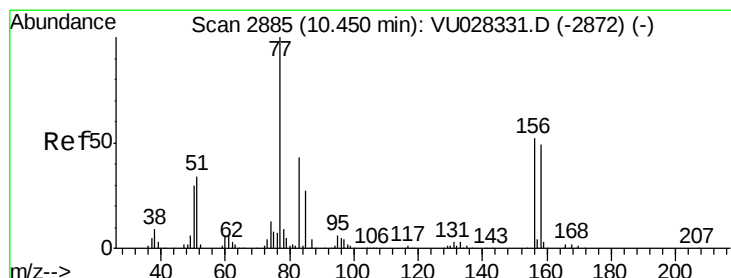
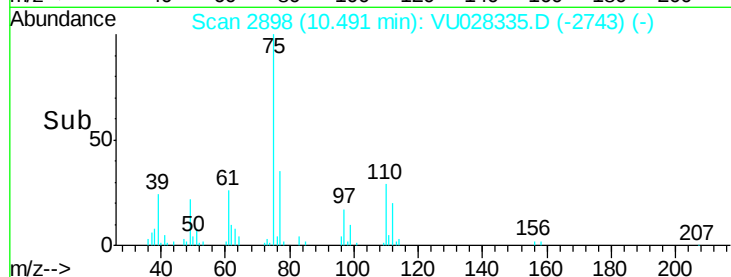
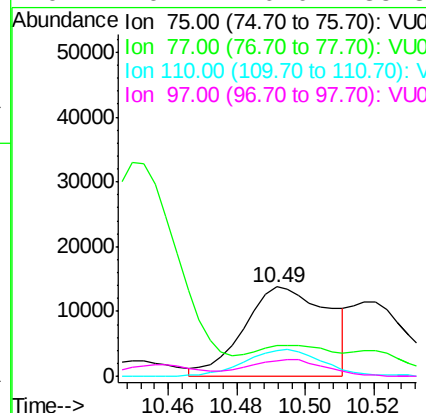
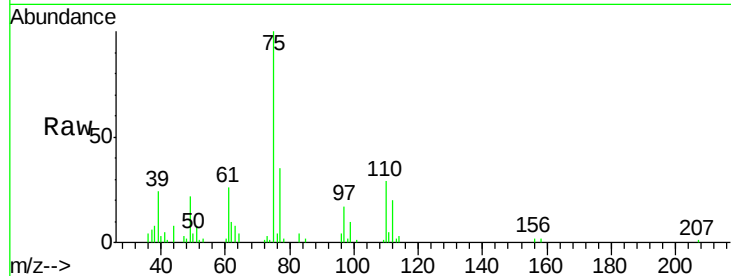
#71
1,2,3-Trichloropropane
Concen: 2.274 ug/l m
RT: 10.49 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	9.8	0.0	0.0#
110	27.4	0.0	67.6
97	16.1	0.0	35.8

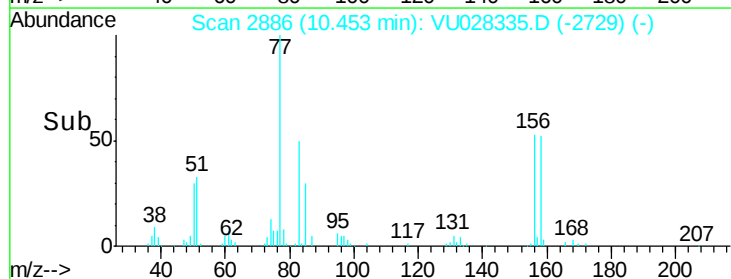
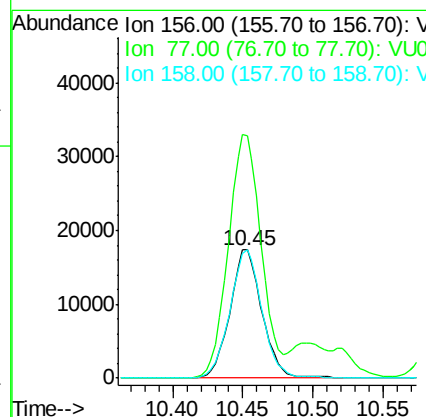
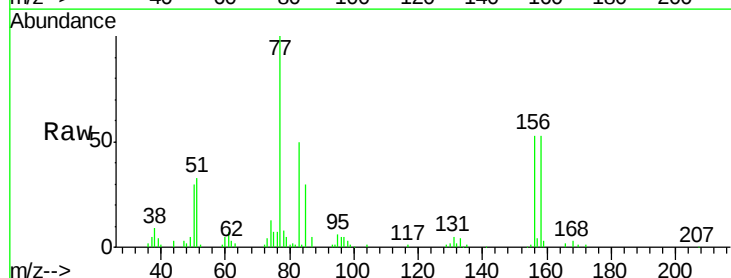
Manual Integrations
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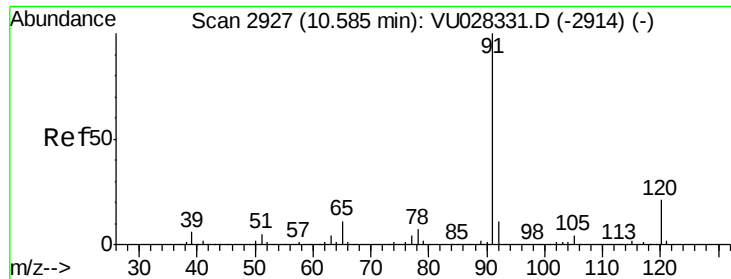
MMDadoda
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#72
Bromobenzene
Concen: 1.900 ug/l
RT: 10.45 min Scan# 2886
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
156	100		
77	195.1	0.0	380.4
158	100.0	0.0	191.2





#73

n-propylbenzene

Concen: 1.869 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

Tgt Ion:120 Resp: 31674

Ion Ratio Lower Upper

120 100

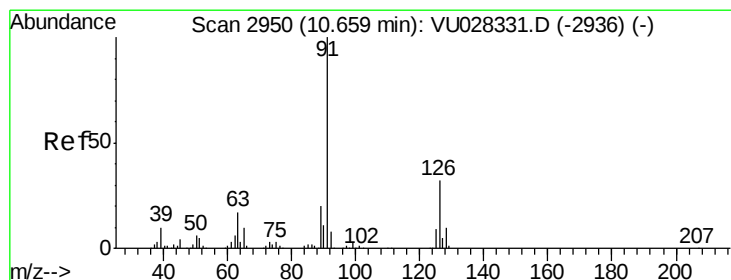
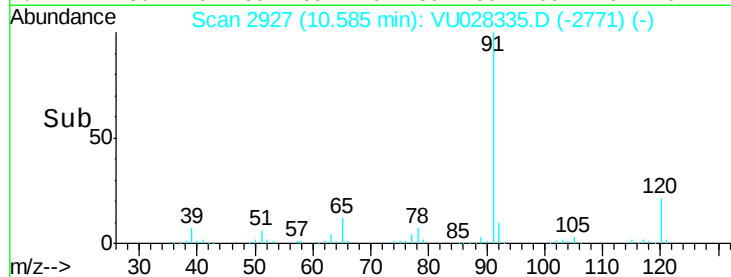
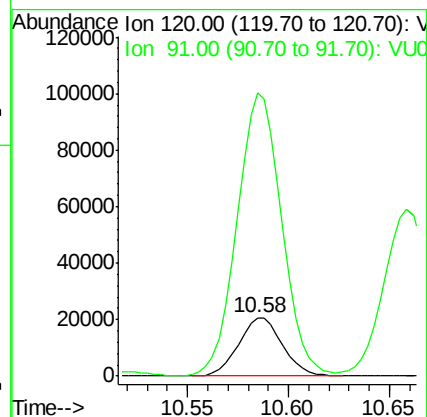
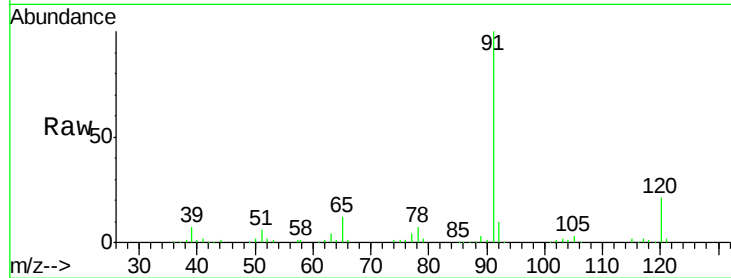
91 489.2 388.1 582.1

Manual Integrations

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#74

2-Chlorotoluene

Concen: 1.842 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. 0.00 min

Lab File: VU028335.D

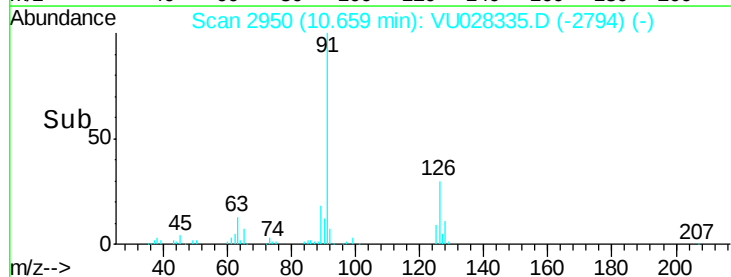
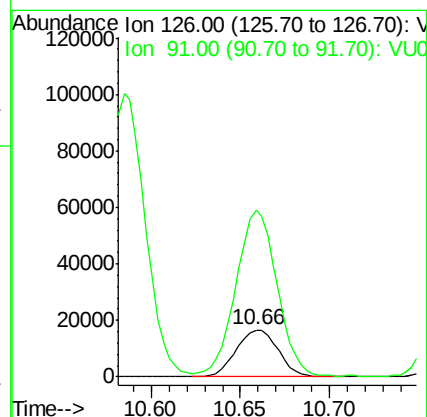
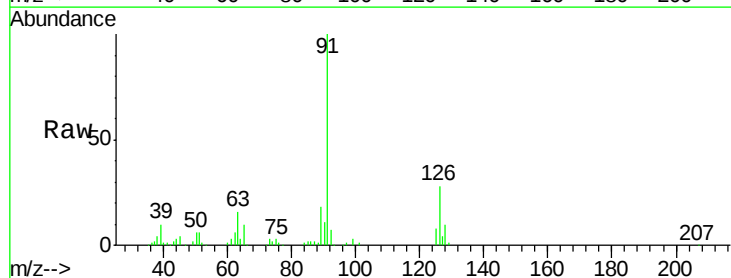
Acq: 26 Nov 2018 13:43

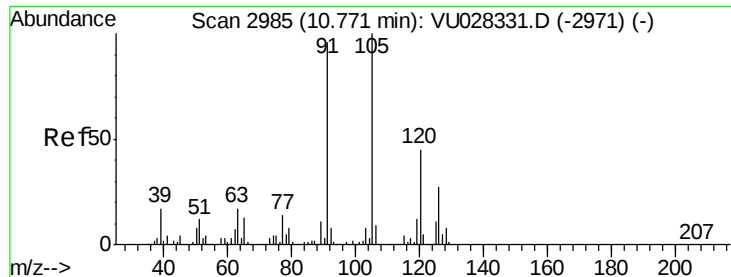
Tgt Ion:126 Resp: 27365

Ion Ratio Lower Upper

126 100

91 341.8 0.0 661.0





#75

1,3,5-Trimethylbenzene

Concen: 1.852 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

Tgt Ion:105 Resp: 101861

Ion Ratio Lower Upper

105 100

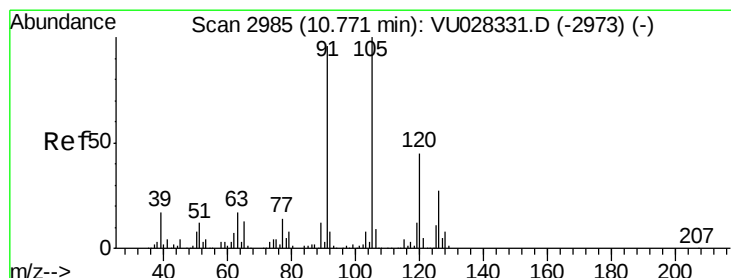
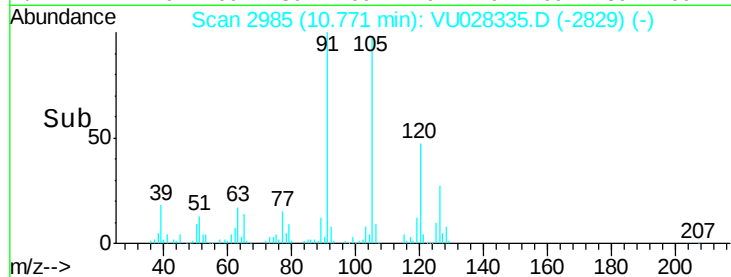
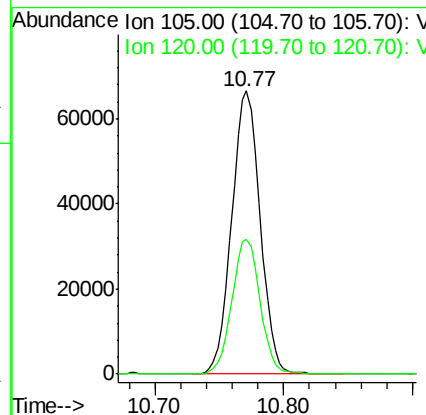
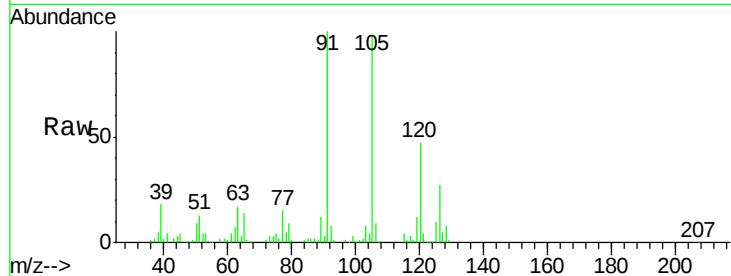
120 47.3 36.3 54.5

Manual Integrations

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#76

4-Chlorotoluene

Concen: 1.851 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU028335.D

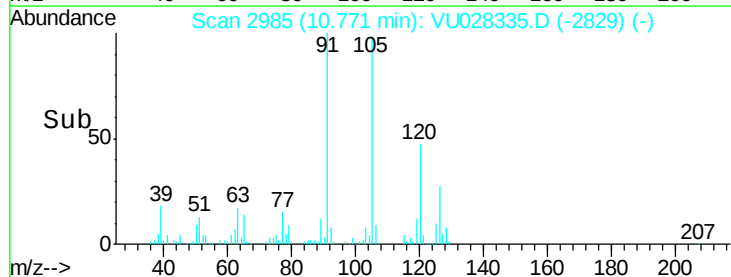
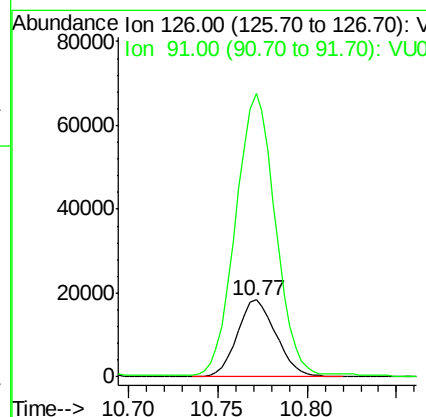
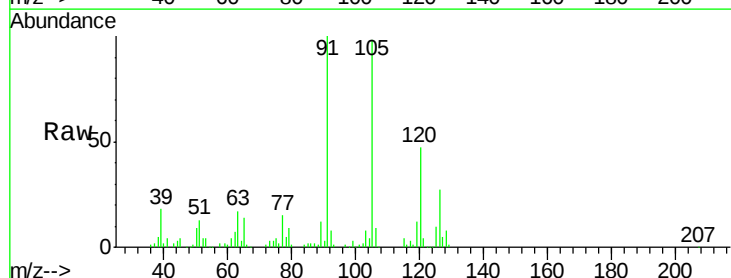
Acq: 26 Nov 2018 13:43

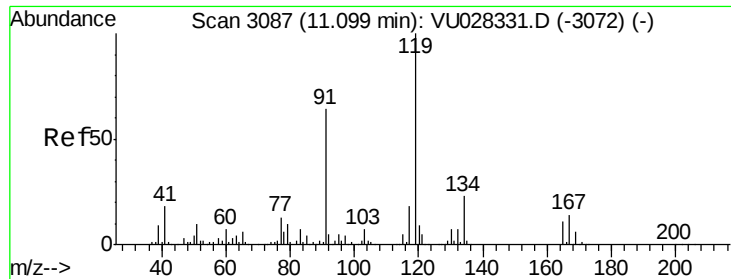
Tgt Ion:126 Resp: 27866

Ion Ratio Lower Upper

126 100

91 371.5 0.0 731.2





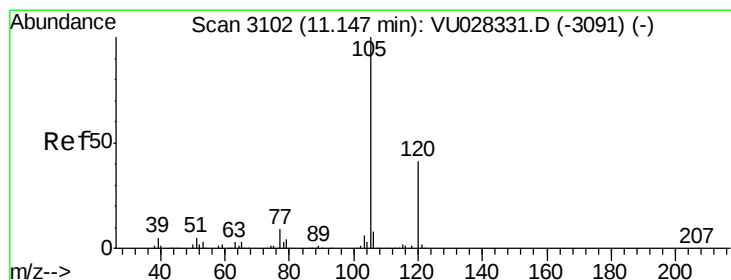
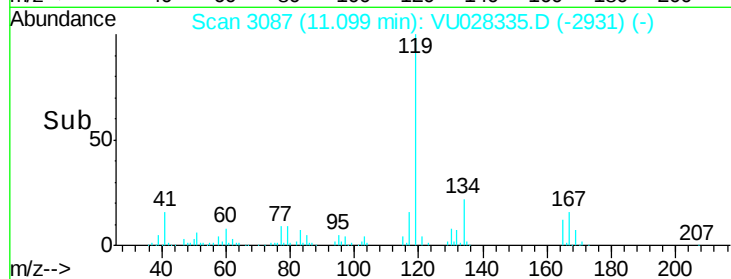
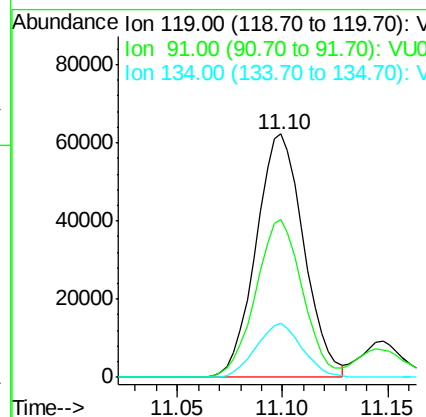
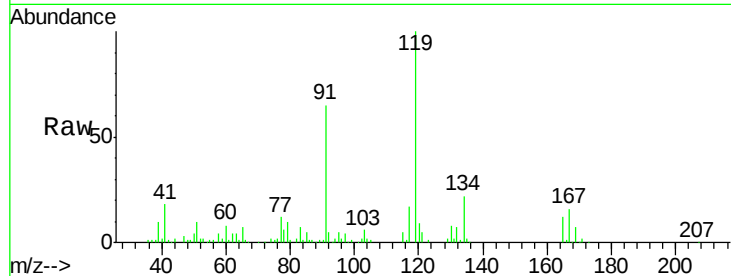
#77
 tert-Butylbenzene
 Concen: 1.896 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	98169		
91	63.8	32.0	96.0	
134	21.4	17.9	26.9	

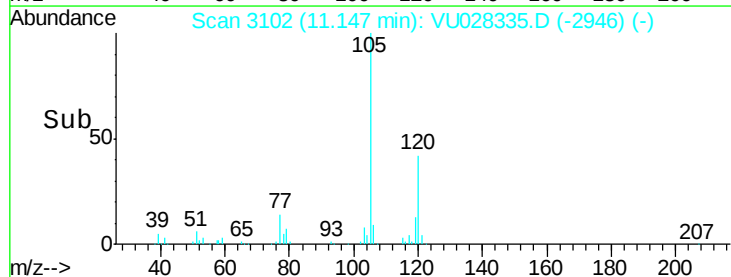
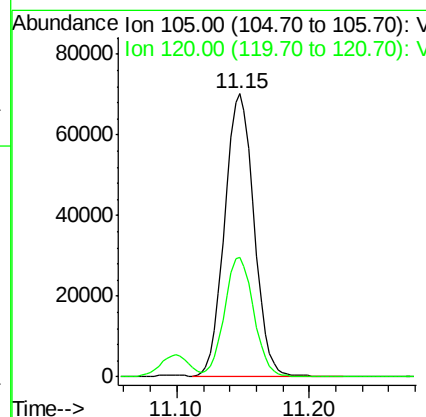
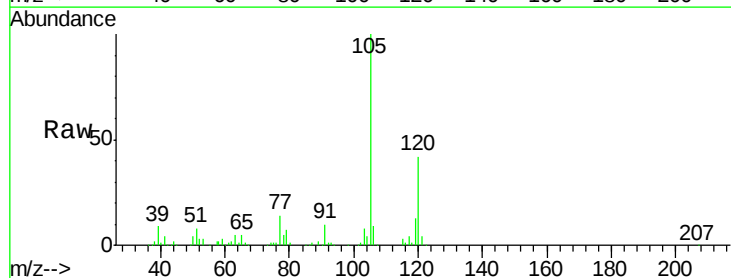
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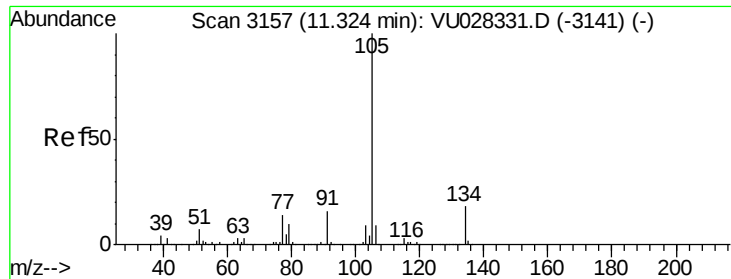
MMDadoda
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#78
 1,2,4-Trimethylbenzene
 Concen: 1.922 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	108348		
120	41.9	21.9	65.8	





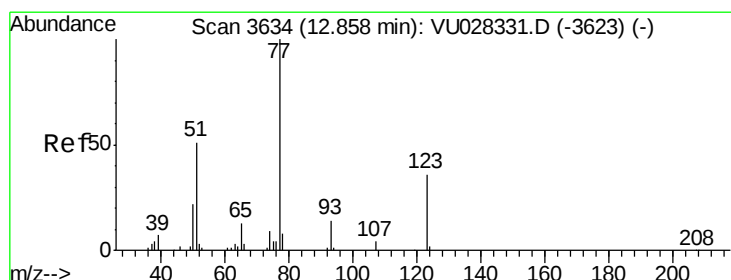
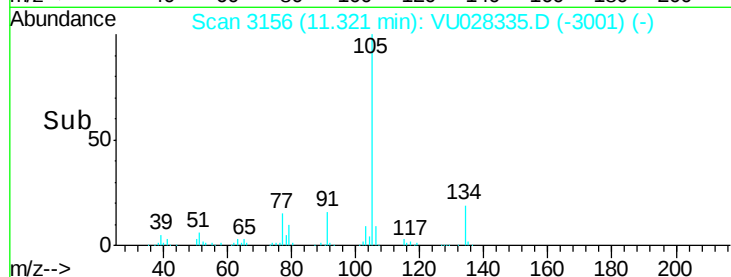
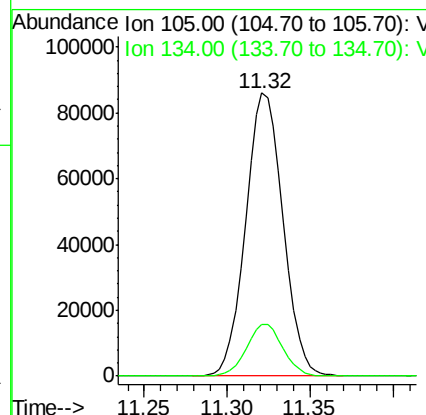
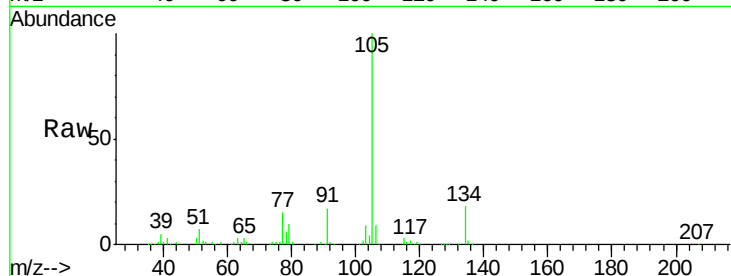
#79
 sec-Butylbenzene
 Concen: 1.866 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	17.9	14.6	22.0

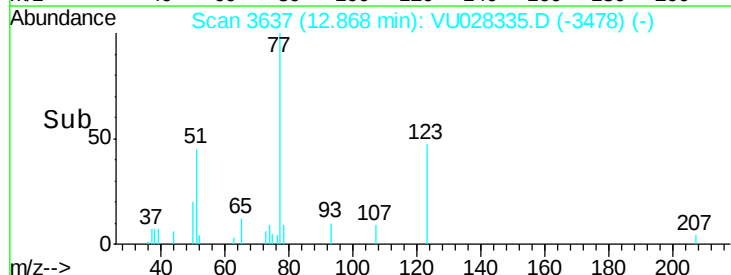
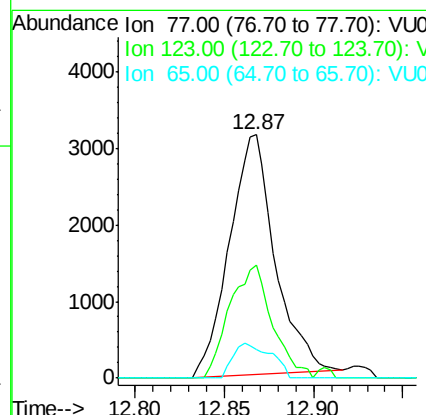
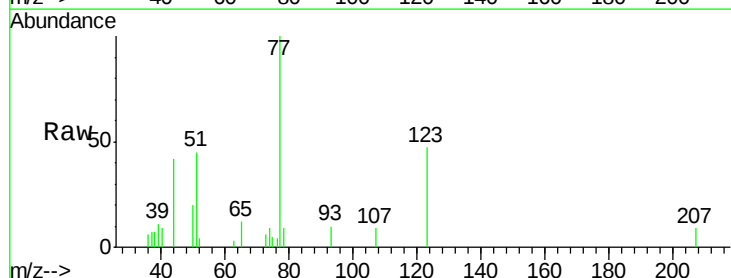
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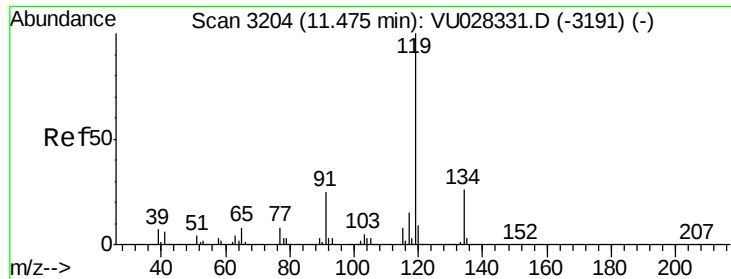
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#80
 Nitrobenzene
 Concen: 8.310 ug/l
 RT: 12.87 min Scan# 3637
 Delta R.T. 0.01 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	16.5	58.3
65	12.0	12.1	15.3#





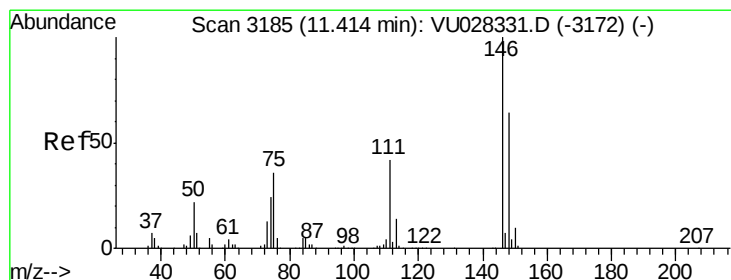
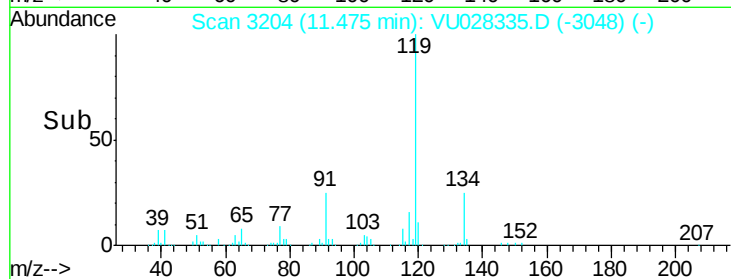
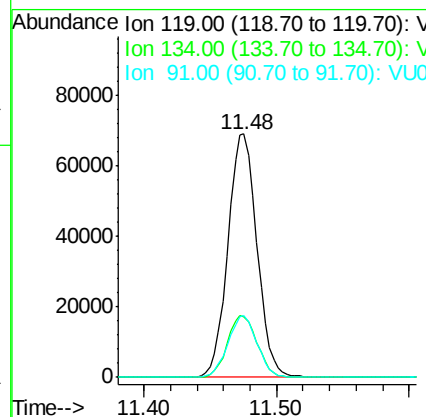
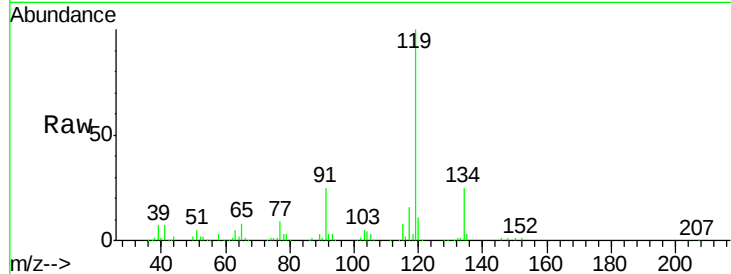
#81
 p-Isopropyltoluene
 Concen: 1.831 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	20.3	30.5
91	25.3	20.0	30.0

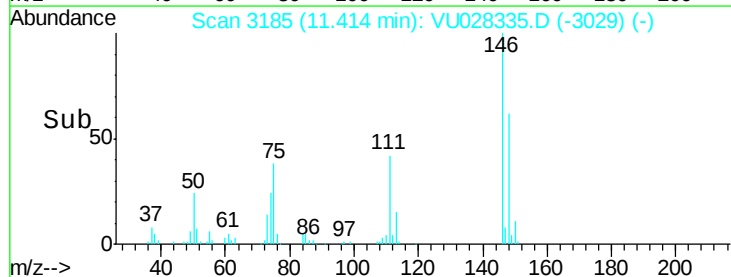
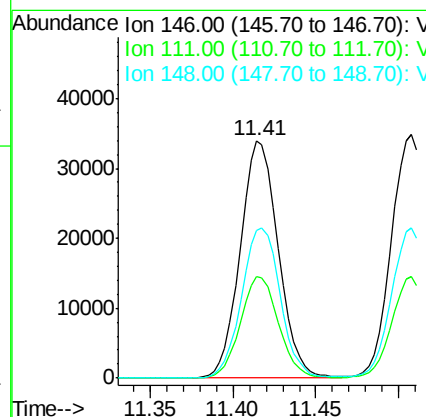
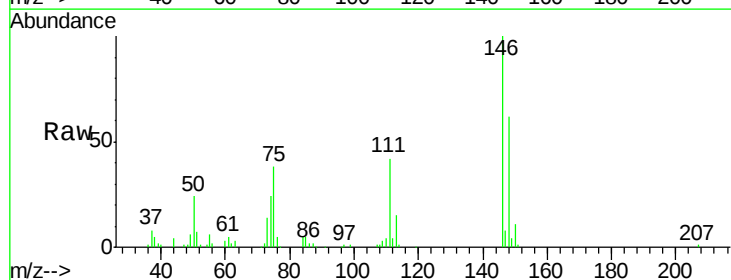
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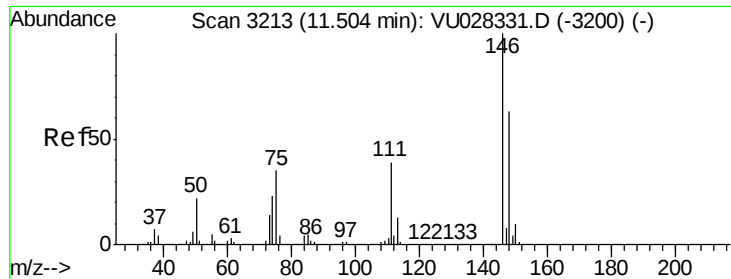
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#82
 1,3-Dichlorobenzene
 Concen: 1.864 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	33.4	50.2
148	64.3	51.2	76.8





#83

1,4-Dichlorobenzene

Concen: 1.889 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

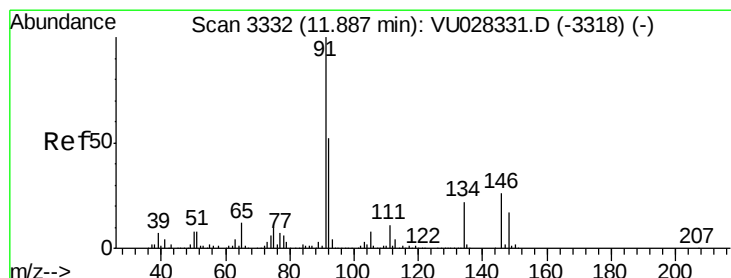
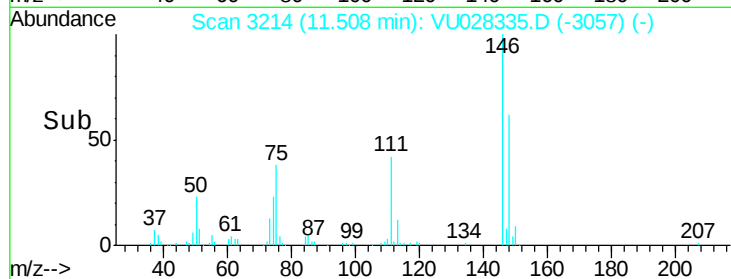
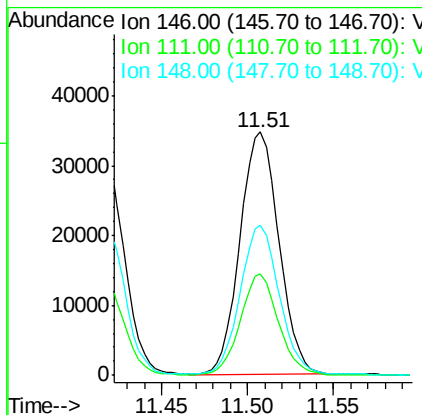
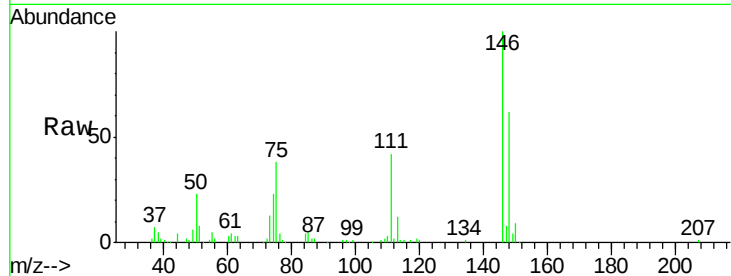
ClientSampleId :

VU1126WBS01

Tgt Ion:	146	Resp:	54635
Ion Ratio	Lower	Upper	
146	100		
111	40.9	31.4	47.2
148	61.6	50.7	76.1

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#84

n-Butylbenzene

Concen: 1.839 ug/l

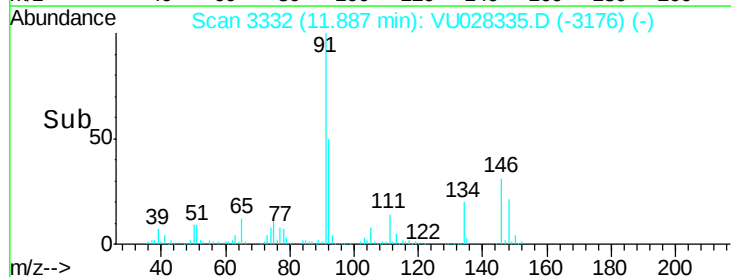
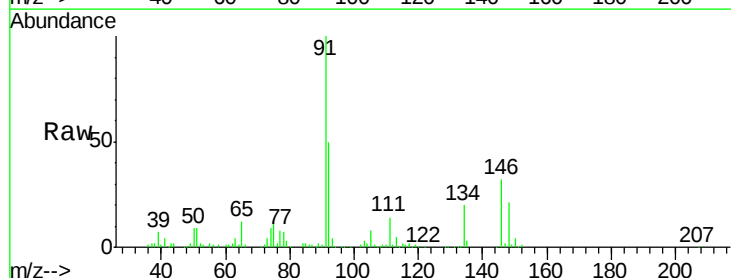
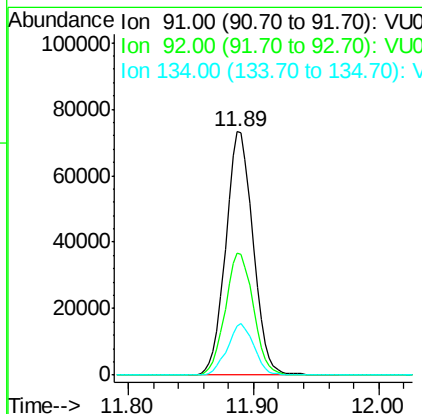
RT: 11.89 min Scan# 3332

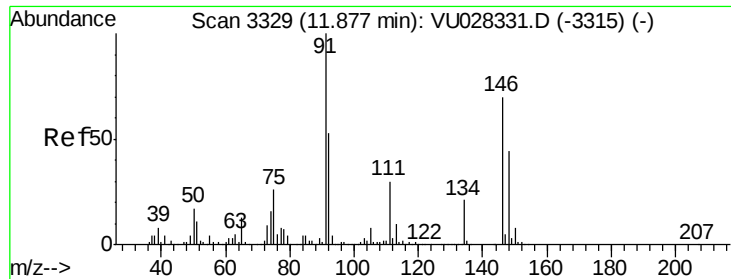
Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Tgt Ion:	91	Resp:	110740
Ion Ratio	Lower	Upper	
91	100		
92	51.3	41.6	62.4
134	20.5	17.8	26.6





#85

1,2-Dichlorobenzene

Concen: 1.885 ug/l

RT: 11.88 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

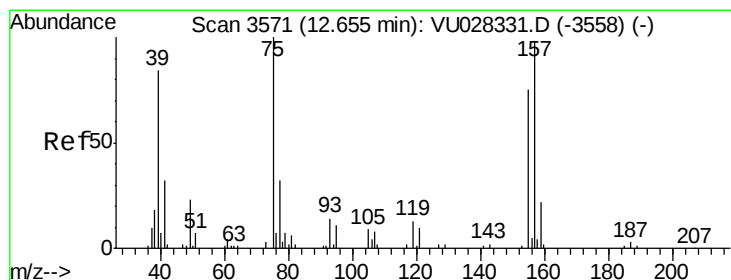
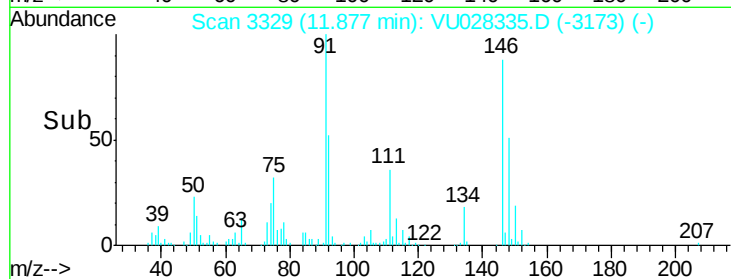
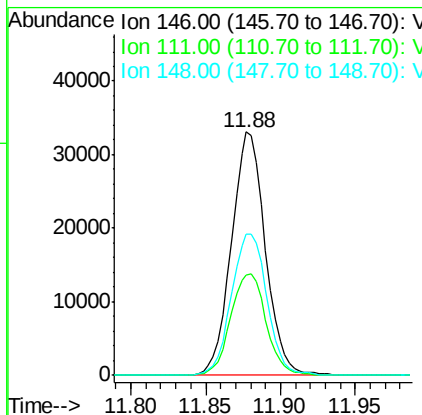
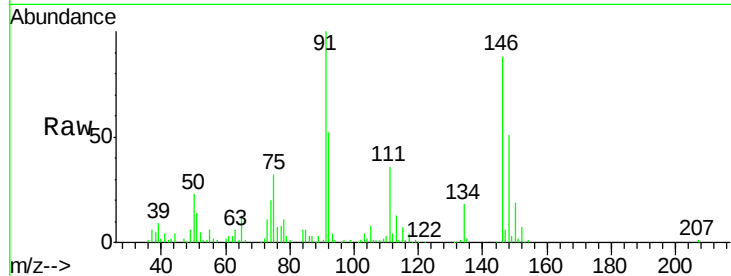
ClientSampleId :

VU1126WBS01

Tgt Ion:	146	Resp:	52137
Ion Ratio	Lower	Upper	
146	100		
111	43.6	21.4	64.3
148	61.1	31.4	94.2

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#86

1,2-Dibromo-3-Chloropropane

Concen: 1.815 ug/l

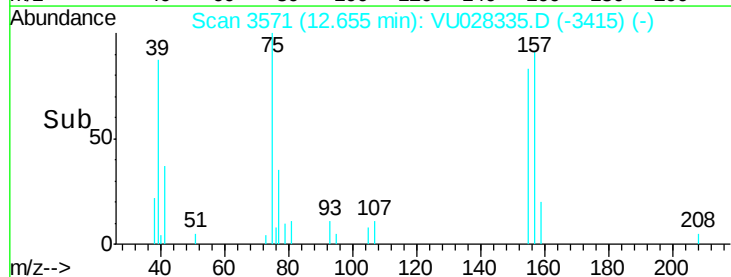
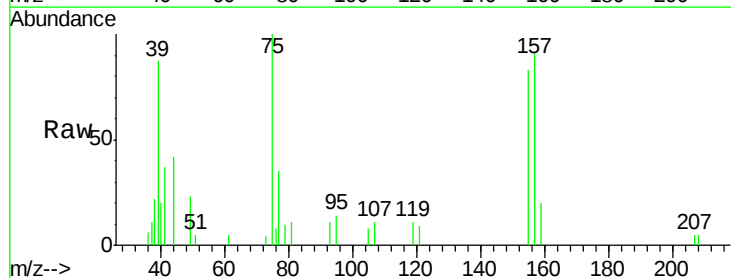
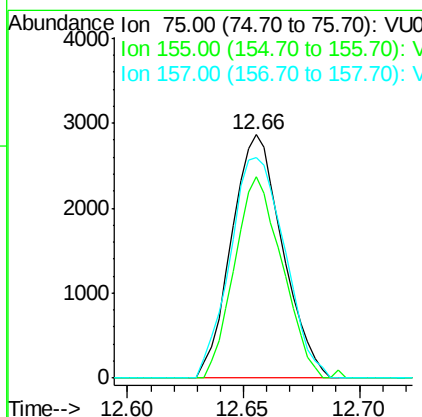
RT: 12.66 min Scan# 3571

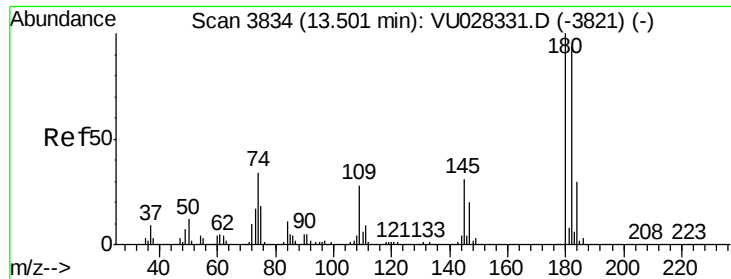
Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Tgt Ion:	75	Resp:	4376
Ion Ratio	Lower	Upper	
75	100		
155	77.0	57.0	85.4
157	97.3	75.4	113.2





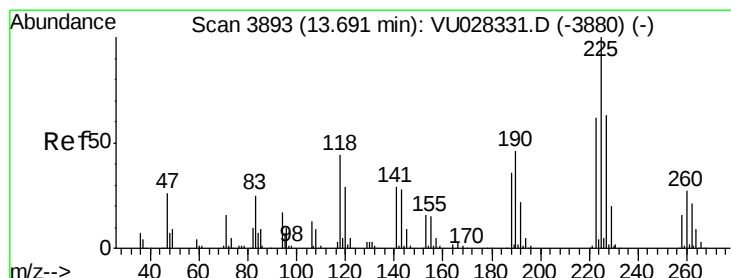
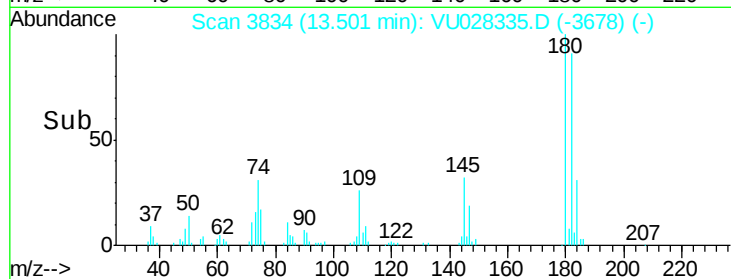
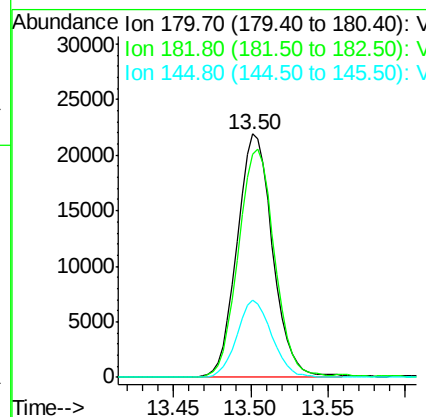
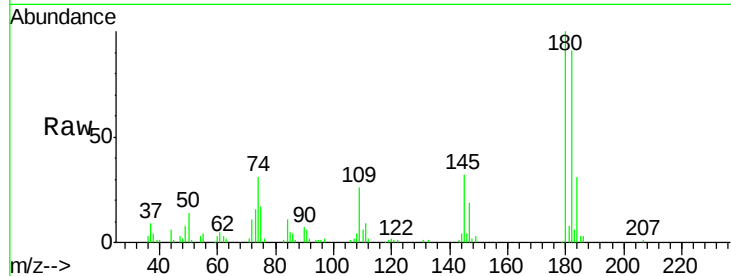
#87
 1,2,4-Trichlorobenzene
 Concen: 1.802 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	35030		
182	95.2	75.6	113.4	
145	30.9	24.4	36.6	

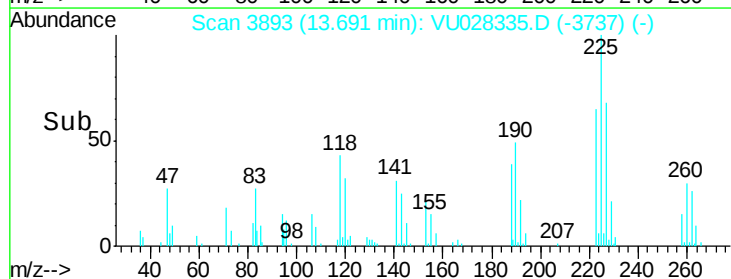
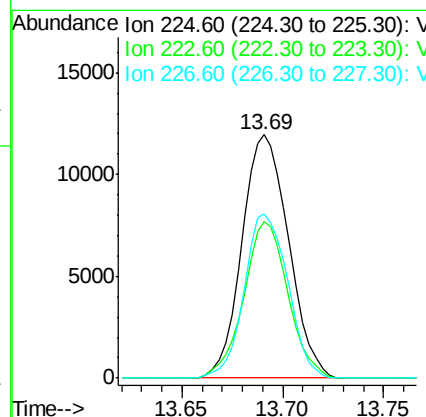
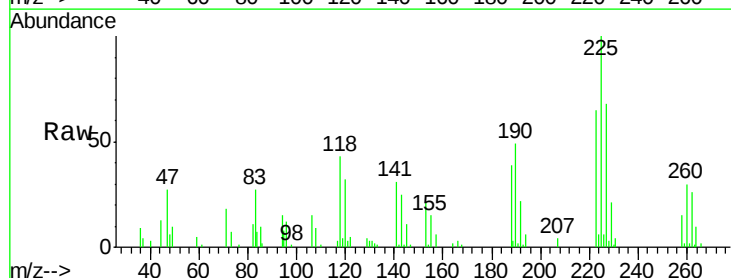
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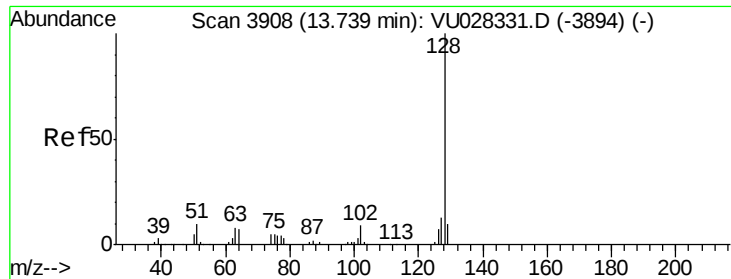
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#88
 Hexachlorobutadiene
 Concen: 1.832 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	19276		
223	61.0	50.6	76.0	
227	63.4	50.8	76.2	





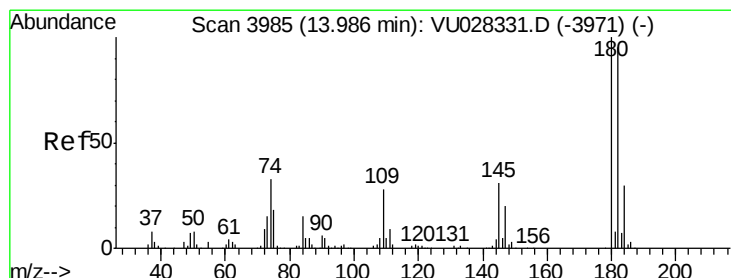
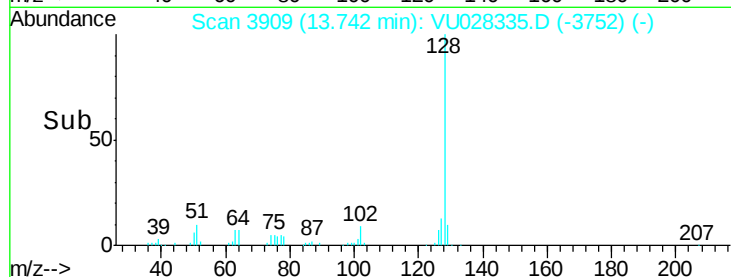
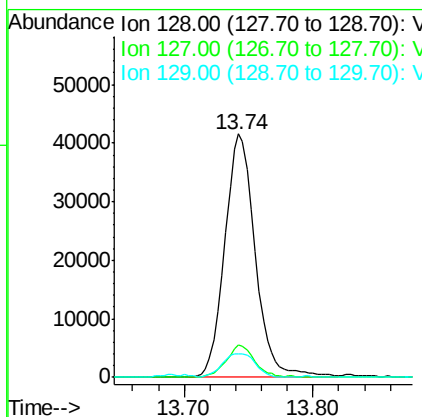
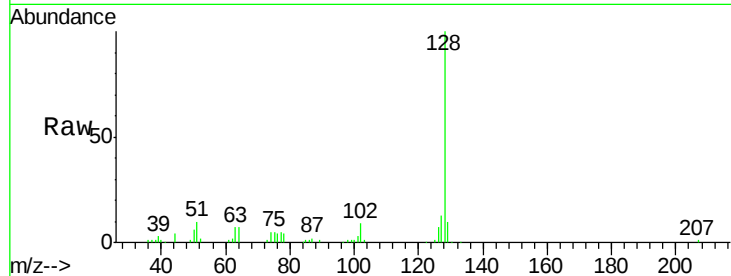
#89
Naphthalene
Concen: 1.779 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.3	15.5
129	10.7	8.2	12.4

Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 1.747 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	76.1	114.1
145	32.9	26.0	39.0

