

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010519\
 Data File : VU029029.D
 Acq On : 04 Jan 2019 15:52
 Operator : MD/SY
 Sample : VU0105WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0105WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/7/2019 12:49:02 PM

Quant Time: Jan 05 04:15:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	112456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	187190	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	177919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	85312	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	75651	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery =	108.84%		
35) Dibromofluoromethane	4.88	113	63422	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.54%		
50) Toluene-d8	7.56	98	245692	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.58%		
62) 4-Bromofluorobenzene	10.30	95	83766	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.32%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	23530	21.099	ug/l	99
3) Chloromethane	1.33	50	37983	20.932	ug/l	98
4) Vinyl Chloride	1.40	62	34645	21.080	ug/l	98
5) Bromomethane	1.61	94	18185	19.680	ug/l	99
6) Chloroethane	1.69	64	20403	20.842	ug/l	99
7) Trichlorofluoromethane	1.88	101	37539	20.962	ug/l	99
8) Diethyl Ether	2.10	74	17651	20.516	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.28	101	24805	20.701	ug/l	98
10) Methyl Iodide	2.41	142	24420	21.674	ug/l	97
11) Tert butyl alcohol	2.83	59	33491	94.778	ug/l	98
12) 1,1-Dichloroethene	2.28	96	24088	20.653	ug/l	97
13) Acrolein	2.19	56	25034	94.348	ug/l	98
14) Allyl chloride	2.59	41	46186	21.582	ug/l	98
15) Acrylonitrile	2.94	53	90557	104.458	ug/l	99
16) Acetone	2.32	43	71768	81.950	ug/l	99
17) Carbon Disulfide	2.47	76	79565	20.270	ug/l	100
18) Methyl Acetate	2.62	43	41888	20.571	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	83515	20.367	ug/l	100
20) Methylene Chloride	2.70	84	29946	20.140	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	26928	19.872	ug/l	97
22) Diisopropyl ether	3.57	45	89783	21.228	ug/l	99
23) Vinyl Acetate	3.52	43	366501	105.998	ug/l	99
24) 1,1-Dichloroethane	3.44	63	52823	21.635	ug/l	100
25) 2-Butanone	4.26	43	117228	99.107	ug/l	99
26) 2,2-Dichloropropane	4.22	77	39152	19.846	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	30431	20.533	ug/l	98
28) Bromochloromethane	4.55	49	24273	23.217	ug/l	99
29) Tetrahydrofuran	4.64	42	75147	104.748	ug/l	99
30) Chloroform	4.67	83	49860	21.440	ug/l	99
31) Cyclohexane	4.99	56	48885	20.549	ug/l	98
32) 1,1,1-Trichloroethane	4.91	97	40416	21.033	ug/l	98
36) 1,1-Dichloropropene	5.13	75	36885	19.714	ug/l	98
37) Ethyl Acetate	4.38	43	42040	20.470	ug/l	99
38) Carbon Tetrachloride	5.13	117	32404	20.765	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	44326	19.270	ug/l	99
40) Benzene	5.39	78	121650	20.844	ug/l	99
41) Methacrylonitrile	4.54	41	23203	21.106	ug/l	98
42) 1,2-Dichloroethane	5.40	62	37084	21.146	ug/l	100
43) Isopropyl Acetate	5.55	43	66406	21.078	ug/l	99
44) Trichloroethene	6.19	130	27883	19.282	ug/l	98
45) 1,2-Dichloropropane	6.43	63	32343	20.985	ug/l	100
46) Dibromomethane	6.56	93	20225	20.528	ug/l	98
47) Bromodichloromethane	6.76	83	38432	21.186	ug/l	97
48) Methyl methacrylate	6.62	41	32807	21.386	ug/l	97
49) 1,4-Dioxane	6.61	88	14030	385.920	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	222066	103.571	ug/l	99
52) Toluene	7.64	92	72011	20.268	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	43101	19.779	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	47423	20.140	ug/l	97
55) 1,1,2-Trichloroethane	8.06	97	30086	21.137	ug/l	98
56) Ethyl methacrylate	8.02	69	42989	19.604	ug/l	96
57) 1,3-Dichloropropane	8.24	76	49637	20.380	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.12	63	98783	102.431	ug/l	99
59) 2-Hexanone	8.36	43	167398	99.462	ug/l	98
60) Dibromochloromethane	8.48	129	28059	19.898	ug/l	98
61) 1,2-Dibromoethane	8.58	107	31323	20.290	ug/l	98
64) Tetrachloroethene	8.22	164	24683	19.259	ug/l	96
65) Chlorobenzene	9.12	112	77577	19.452	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	26440	20.429	ug/l	100
67) Ethyl Benzene	9.25	91	130269	19.565	ug/l	99
68) m/p-Xylenes	9.37	106	100575	38.875	ug/l	99
69) o-Xylene	9.78	106	48765	19.563	ug/l	99
70) Styrene	9.79	104	80079	19.596	ug/l	99
71) Bromoform	9.96	173	22556	19.573	ug/l #	100
73) Isopropylbenzene	10.16	105	126518	20.036	ug/l	100
74) N-amyl acetate	10.01	43	55677	20.462	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	51455	20.332	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	42478m	20.322	ug/l	
77) Bromobenzene	10.45	156	32389	19.683	ug/l	98
78) n-propylbenzene	10.58	91	149382	20.074	ug/l	100
79) 2-Chlorotoluene	10.66	91	91094	20.180	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	104850	19.884	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	14554m	17.957	ug/l	
82) 4-Chlorotoluene	10.77	91	101945	19.695	ug/l	98
83) tert-Butylbenzene	11.10	119	102733	19.766	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	106272	20.186	ug/l	99
85) sec-Butylbenzene	11.32	105	124752	19.847	ug/l	99
86) p-Isopropyltoluene	11.47	119	105638	19.723	ug/l	98
87) 1,3-Dichlorobenzene	11.41	146	57464	19.038	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	58584	18.803	ug/l	99
89) n-Butylbenzene	11.89	91	90731	18.979	ug/l	98
90) Hexachloroethane	12.14	117	17722	19.668	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	58033	19.089	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10008	20.560	ug/l	94

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Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	33997	17.518	ug/l	98
94) Hexachlorobutadiene	13.69	225	16217	18.269	ug/l	99
95) Naphthalene	13.74	128	113359	17.171	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	36749	18.884	ug/l	97

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

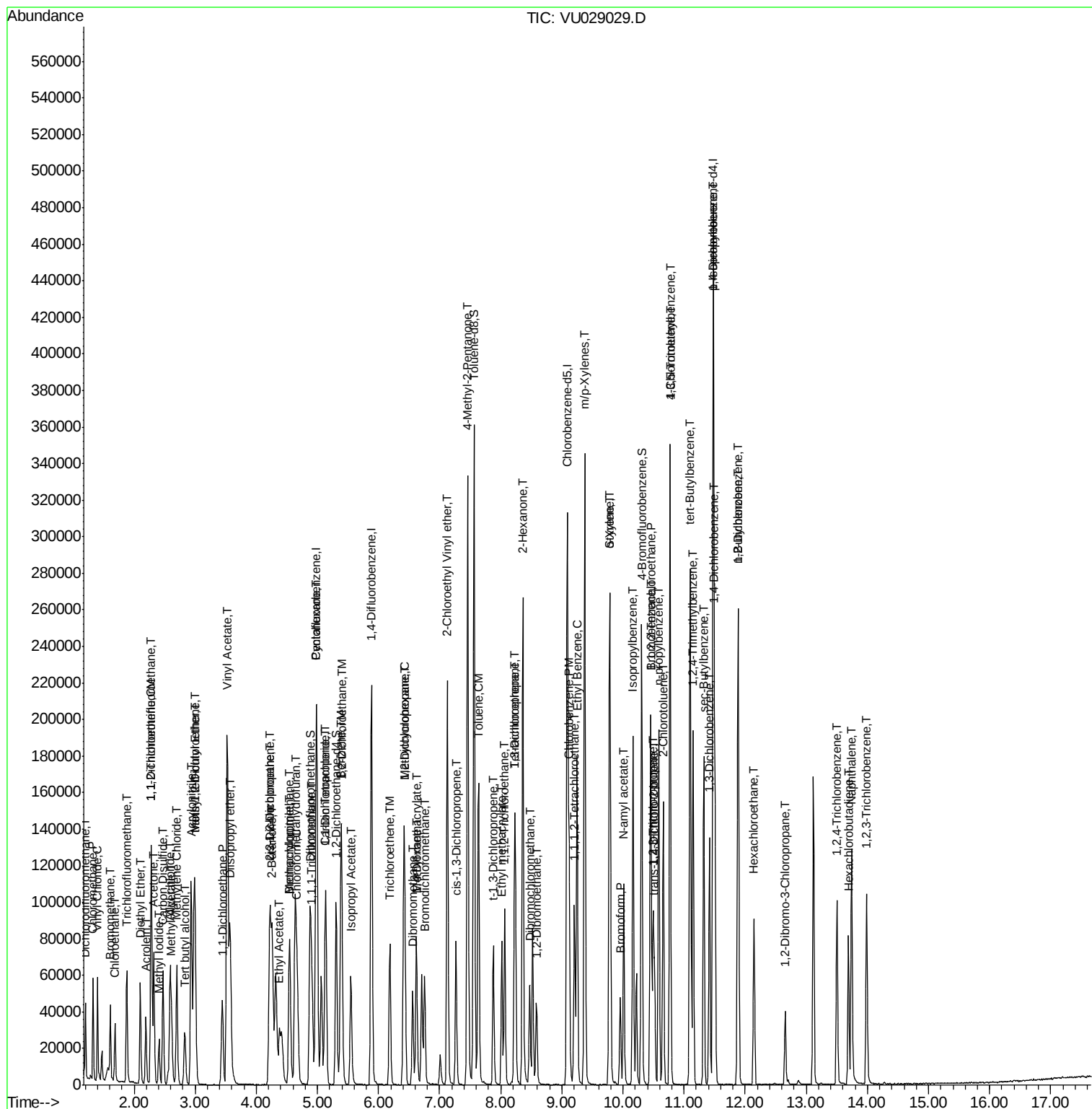
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Data File : VU029029.D
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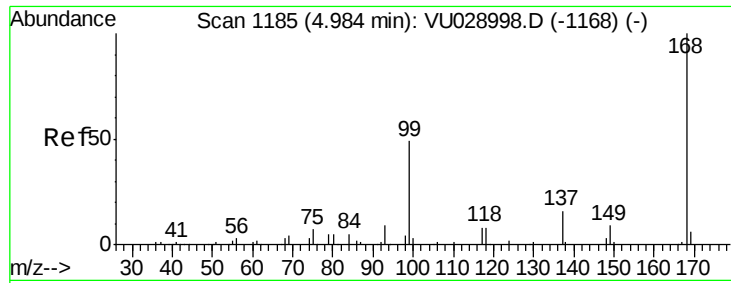
Instrument :
MSVOA_U
ClientSampleId :
VU0105WBSD01

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Instrument :

MSVOA_U

ClientSampleId :

VU0105WBSD01

Tot Ion:168 Resp: 112456

Ion Ratio Lower Upper

168 100

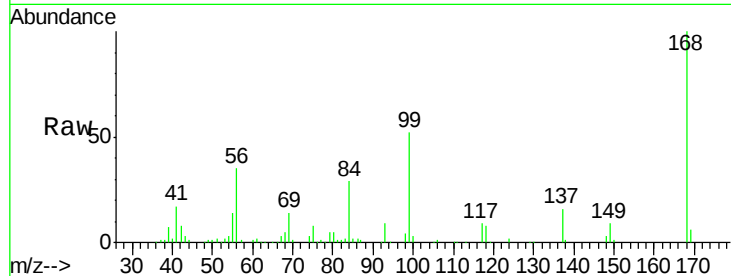
99 51.8 42.0 63.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)

4.98

50000

40000

30000

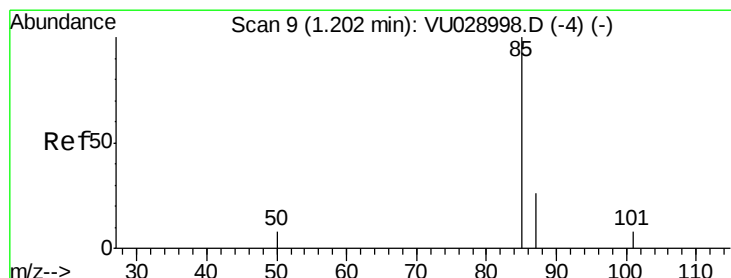
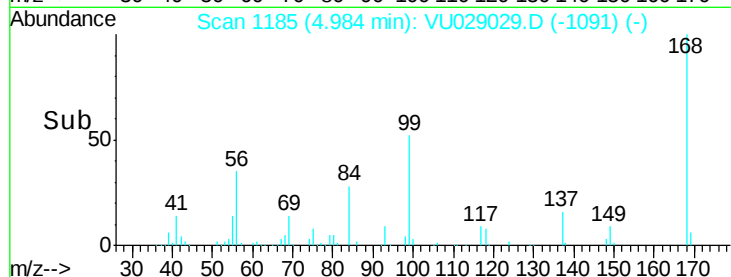
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 21.099 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU029029.D

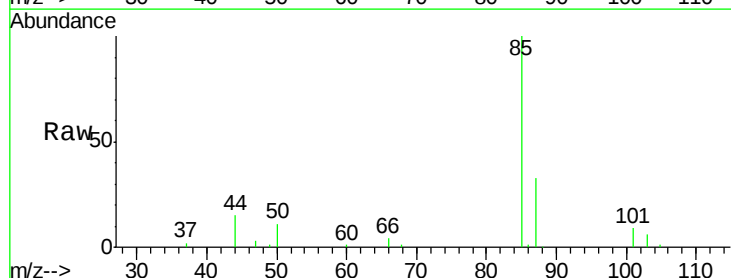
Acq: 04 Jan 2019 15:52

Tgt Ion: 85 Resp: 23530

Ion Ratio Lower Upper

85 100

87 32.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VU028998.D (-4) (-)

Ion 86.90 (86.60 to 87.60): VU028998.D (-4) (-)

1.21

25000

20000

15000

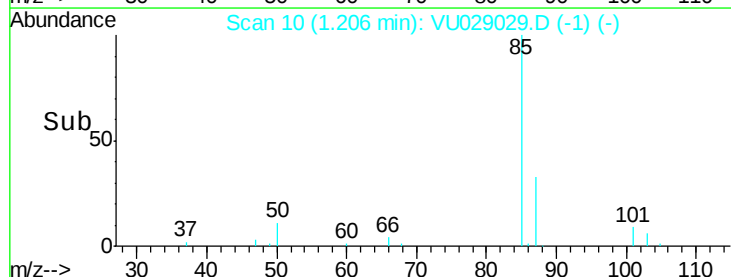
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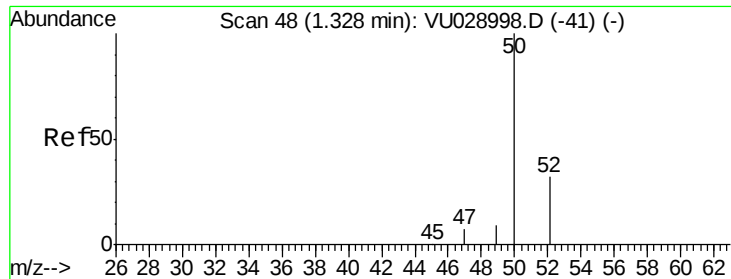
5000

0

1.20 1.21 1.22 1.23

Time-->





#3

Chloromethane

Concen: 20.932 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Instrument :

MSVOA_U

ClientSampleId :

VU0105WBSD01

Tot Ion: 50 Resp: 37983

Ion Ratio Lower Upper

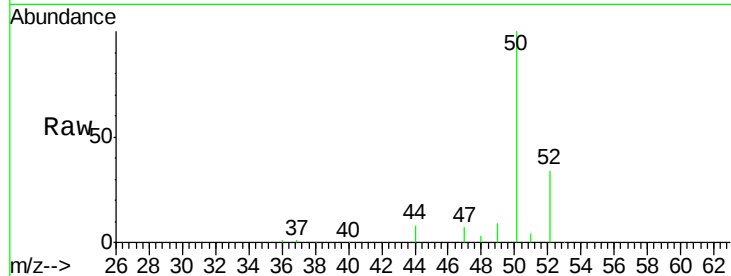
50 100

52 34.0 26.1 39.1

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Abundance Ion 49.90 (49.60 to 50.60): VU029029.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VU029029.D (-1) (-)

1.33

40000

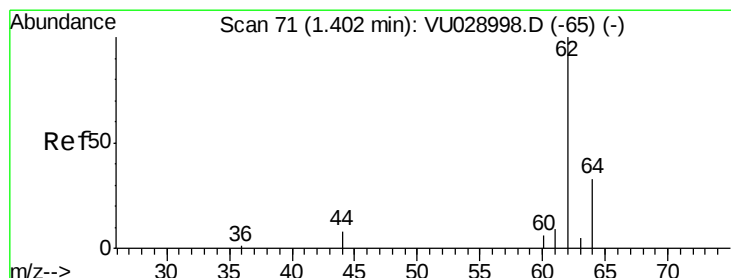
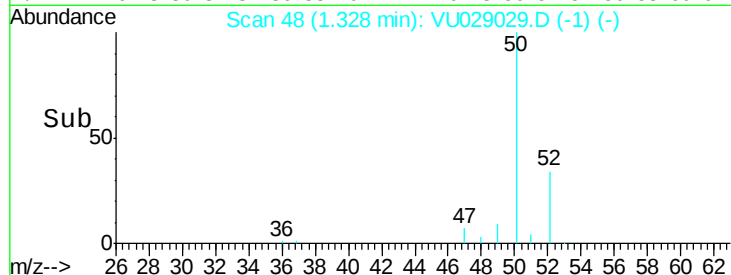
30000

20000

10000

0

Time-->



#4

Vinyl Chloride

Concen: 21.080 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU029029.D

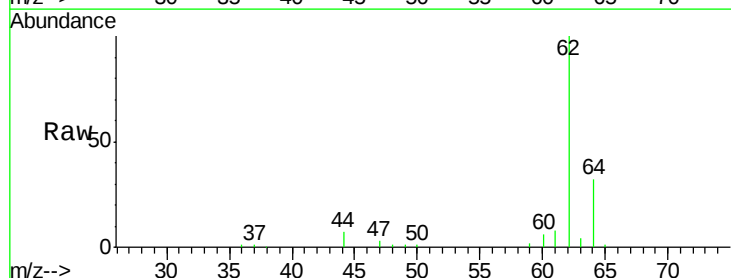
Acq: 04 Jan 2019 15:52

Tgt Ion: 62 Resp: 34645

Ion Ratio Lower Upper

62 100

64 31.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VU029029.D (-1) (-)

Ion 63.90 (63.60 to 64.60): VU029029.D (-1) (-)

1.40

40000

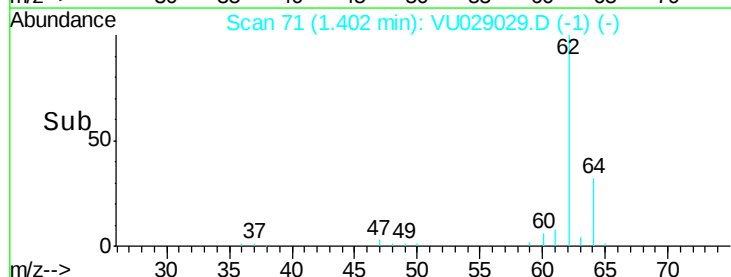
30000

20000

10000

0

Time-->





#5

Bromomethane

Concen: 19.680 ug/l

RT: 1.61 min Scan# 136

Delta R.T. 0.01 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Instrument :

MSVOA_U

ClientSampleId :

VU0105WBSD01

Tot Ion: 94 Resp: 18185

Ion Ratio Lower Upper

94 100

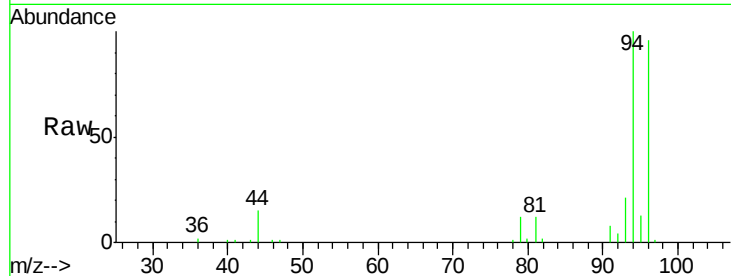
96 95.6 75.5 113.3

Manual Integrations

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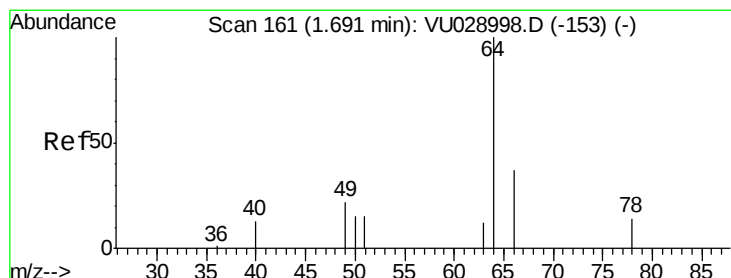
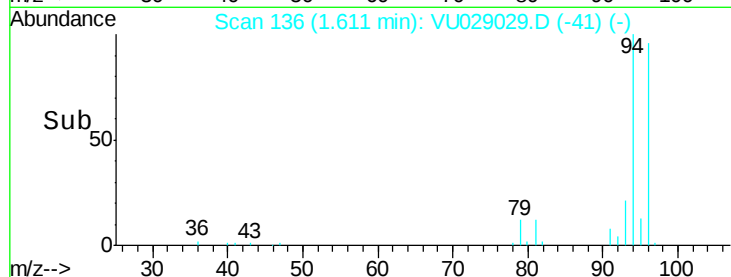
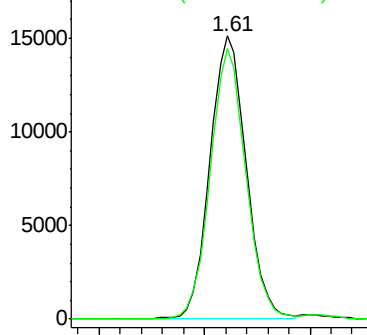
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 20.842 ug/l

RT: 1.69 min Scan# 160

Delta R.T. 0.01 min

Lab File: VU029029.D

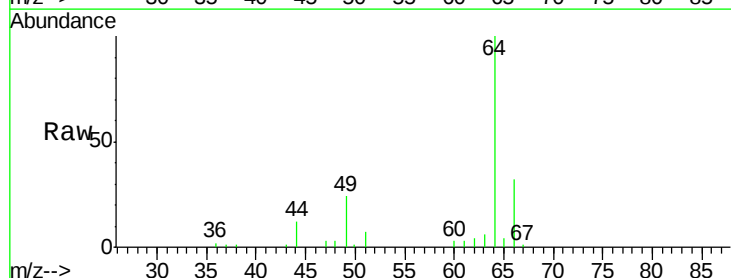
Acq: 04 Jan 2019 15:52

Tgt Ion: 64 Resp: 20403

Ion Ratio Lower Upper

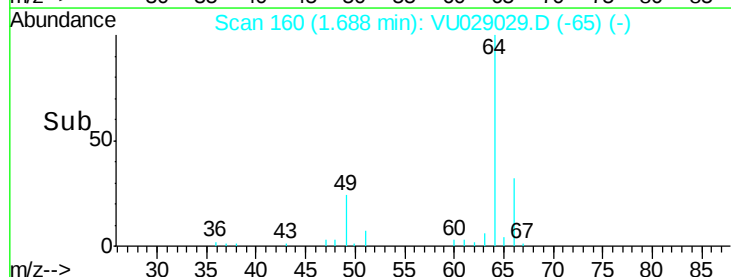
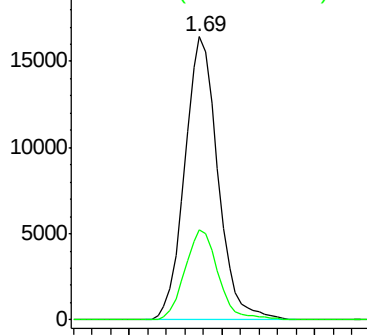
64 100

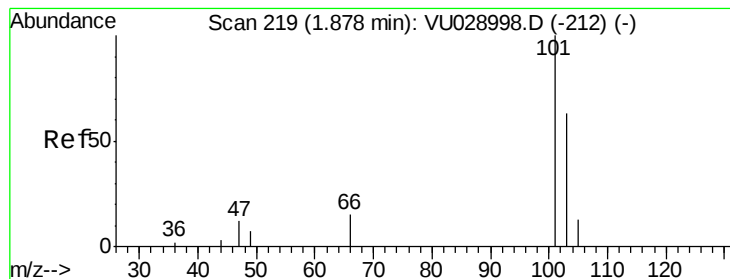
66 31.9 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

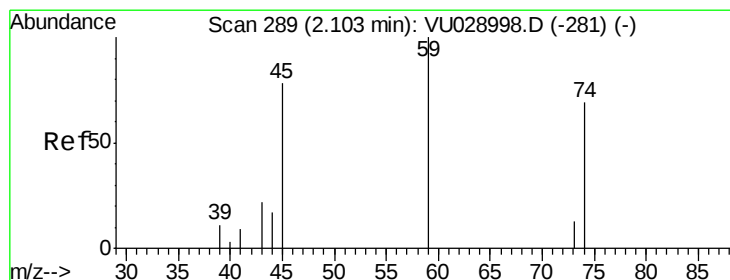
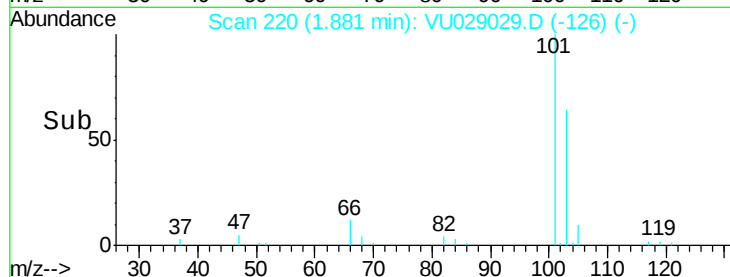
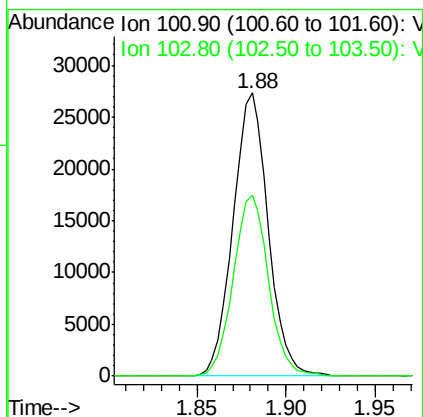
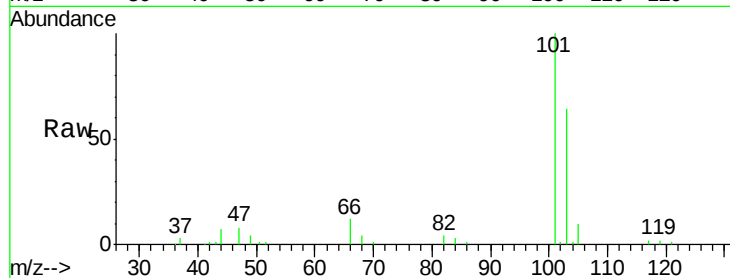
Trichlorofluoromethane
 Concen: 20.962 ug/l
 RT: 1.88 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VU029029.D
 Acq: 04 Jan 2019 15:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0105WBSD01

Tot Ion:101 Resp: 37539
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.5 77.3

Manual Integrations
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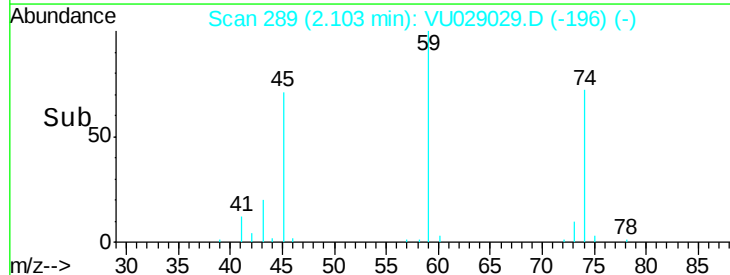
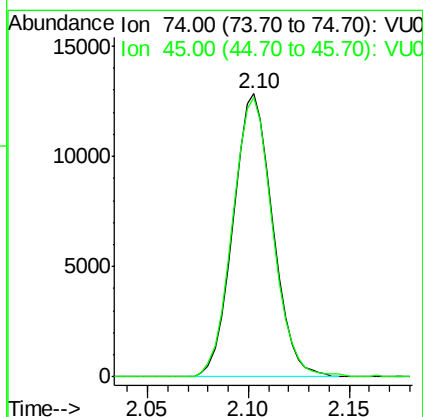
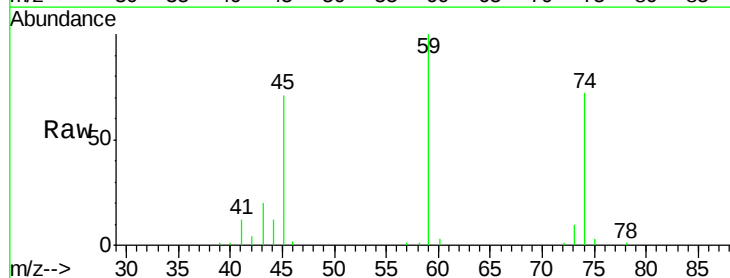
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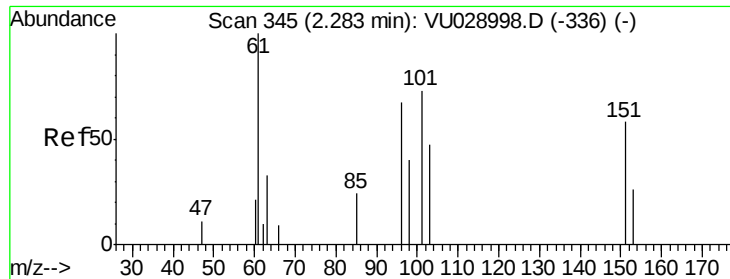


#8

Diethyl Ether
 Concen: 20.516 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. 0.00 min
 Lab File: VU029029.D
 Acq: 04 Jan 2019 15:52

Tgt Ion: 74 Resp: 17651
 Ion Ratio Lower Upper
 74 100
 45 100.3 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.701 ug/l

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Instrument :

MSVOA_U

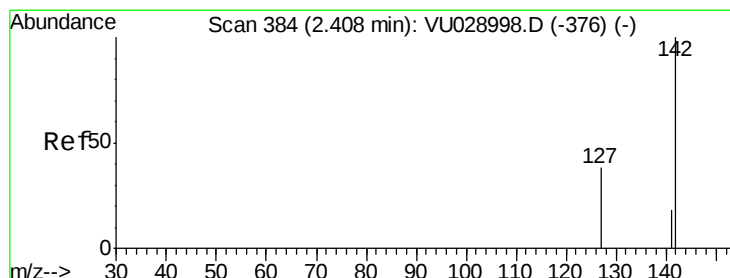
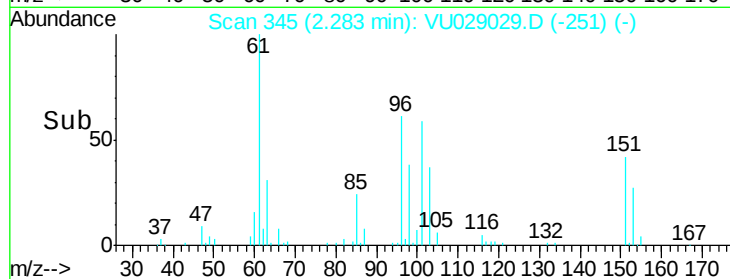
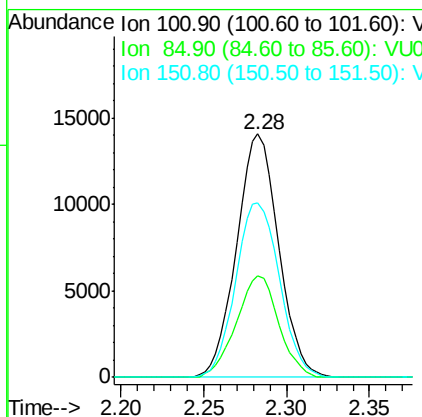
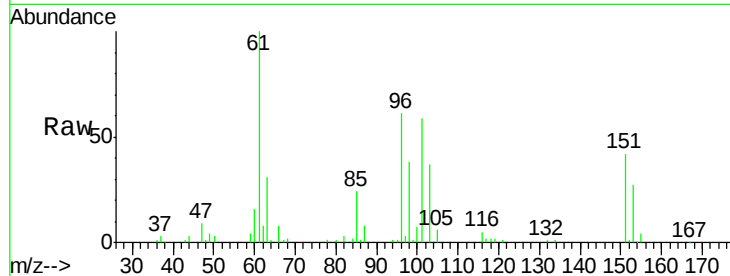
ClientSampleId :

VU0105WBSD01

Tot Ion:	101	Resp:	24805
Ion Ratio	Lower	Upper	
101	100		
85	41.8	35.1	52.7
151	74.7	60.2	90.2

Manual Integrations
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#10

Methyl Iodide

Concen: 21.674 ug/l

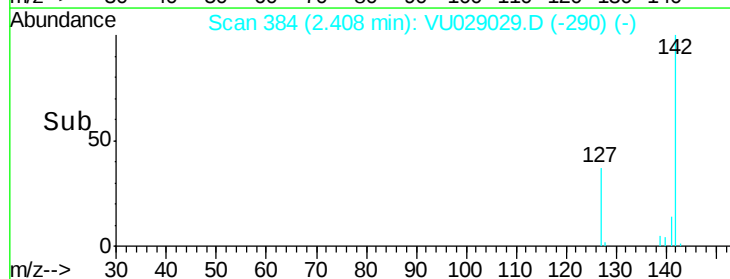
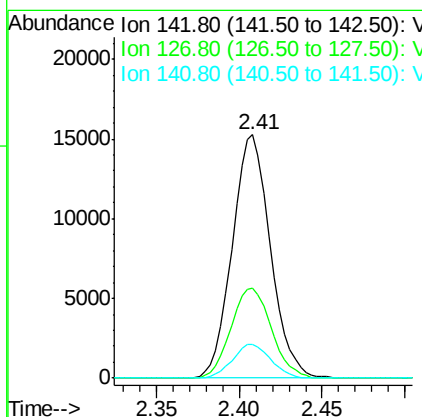
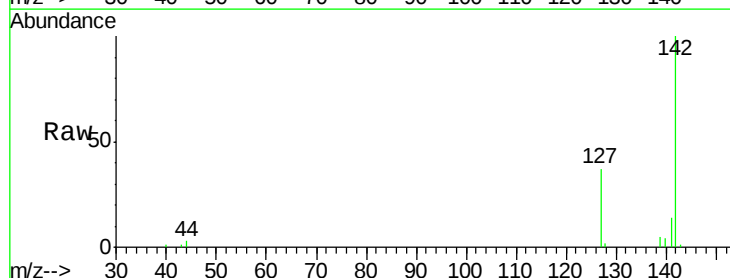
RT: 2.41 min Scan# 384

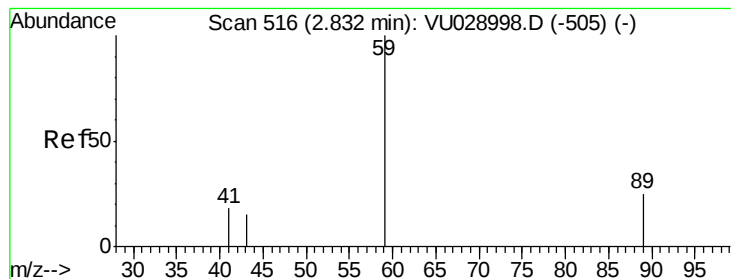
Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Tgt Ion:	142	Resp:	24420
Ion Ratio	Lower	Upper	
142	100		
127	39.1	29.8	44.6
141	13.8	11.5	17.3





#11

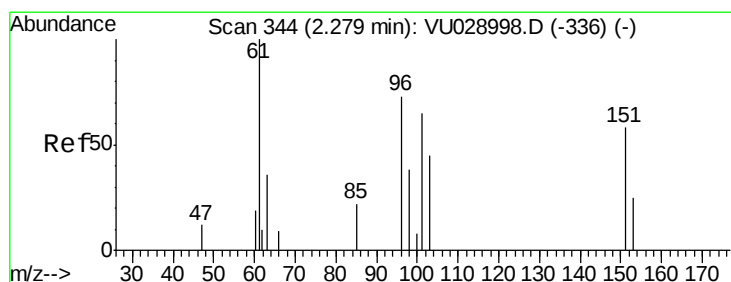
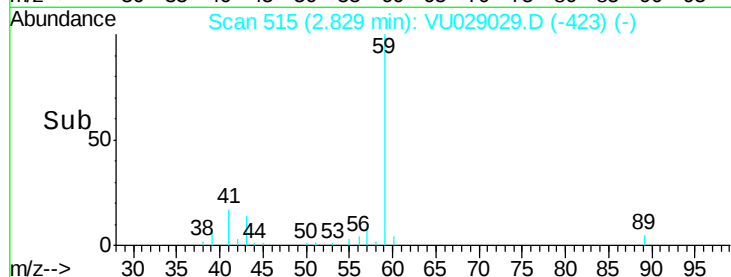
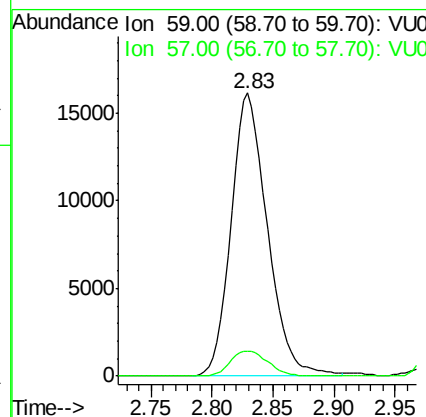
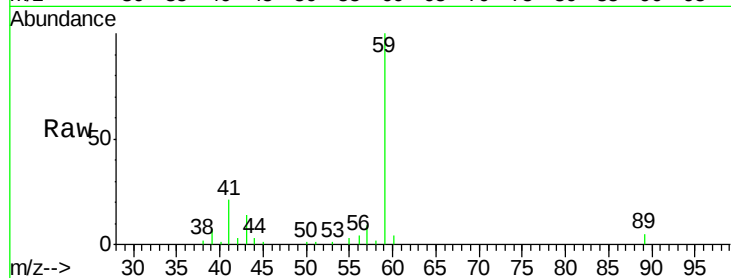
Tert butyl alcohol
Concen: 94.778 ug/l
RT: 2.83 min Scan# 515
Delta R.T. -0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.2	7.9	11.9

Manual Integrations
APPROVED

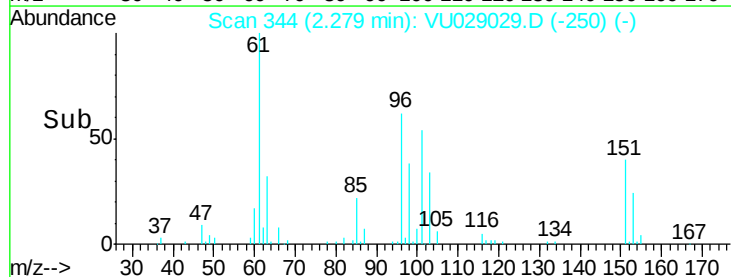
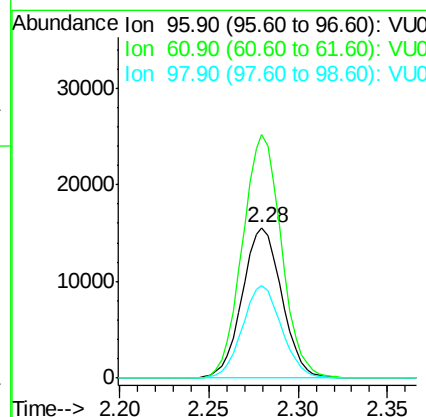
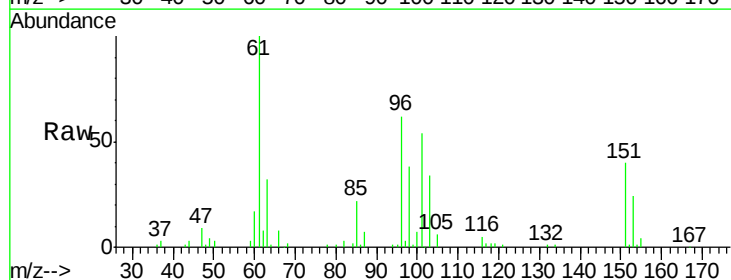
MMDadoda
1/7/2019 12:49:02 PM

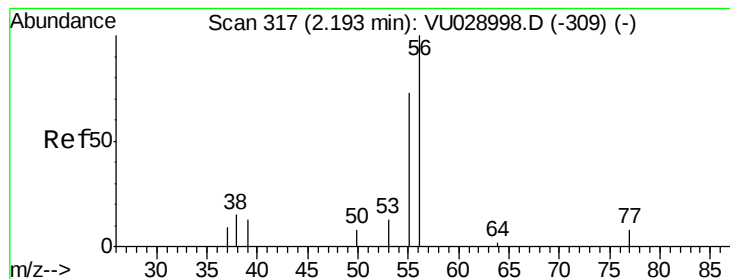


#12

1,1-Dichloroethene
Concen: 20.653 ug/l
RT: 2.28 min Scan# 344
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.6	125.4	188.0
98	61.6	49.7	74.5





#13

Acrolein

Concen: 94.348 ug/l

RT: 2.19 min Scan# 317

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Instrument :

MSVOA_U

ClientSampleId :

VU0105WBSD01

Tot Ion: 56 Resp: 25034

Ion Ratio Lower Upper

56 100

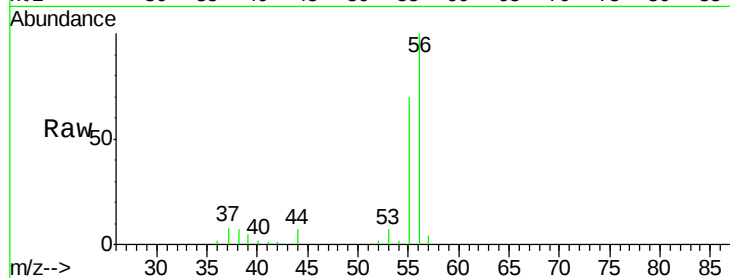
55 72.0 56.5 84.7

Manual Integrations

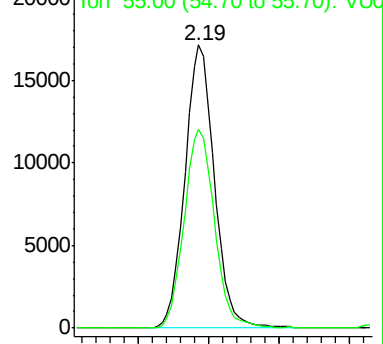
APPROVED

MMDadoda

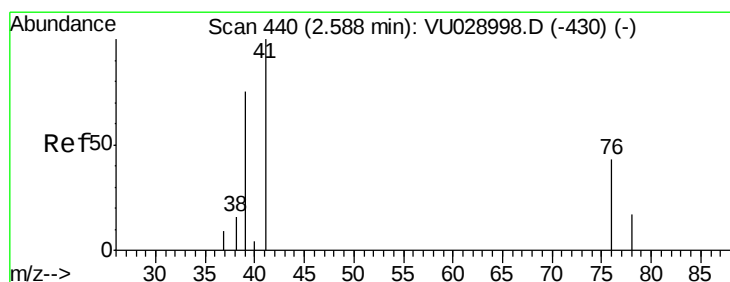
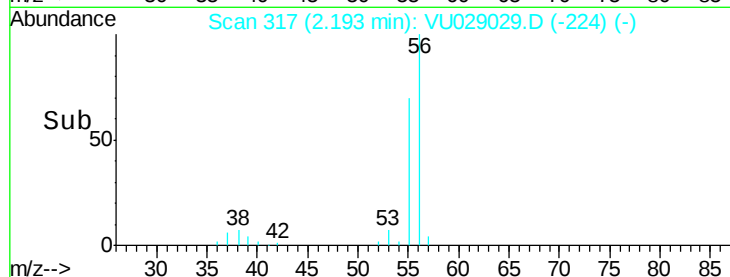
1/7/2019 12:49:02 PM



Abundance Ion 56.00 (55.70 to 56.70): VU029029.D (-224) (-)



Time-->



#14

Allyl chloride

Concen: 21.582 ug/l

RT: 2.59 min Scan# 440

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

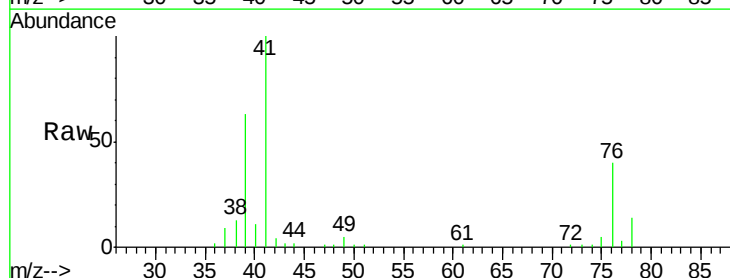
Tgt Ion: 41 Resp: 46186

Ion Ratio Lower Upper

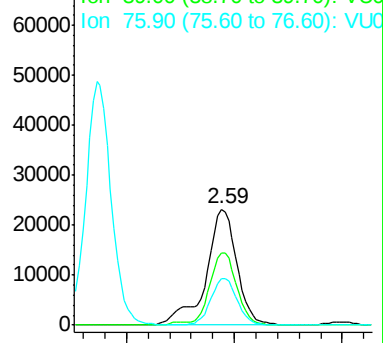
41 100

39 54.9 45.0 67.6

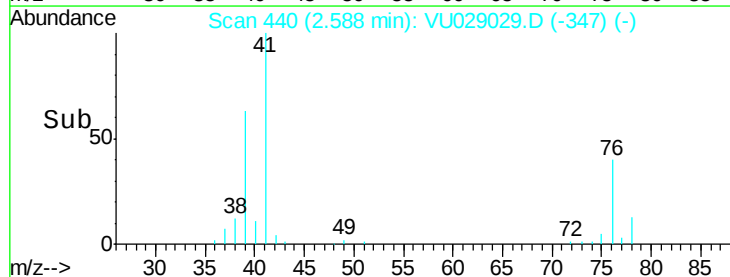
76 34.4 28.1 42.1

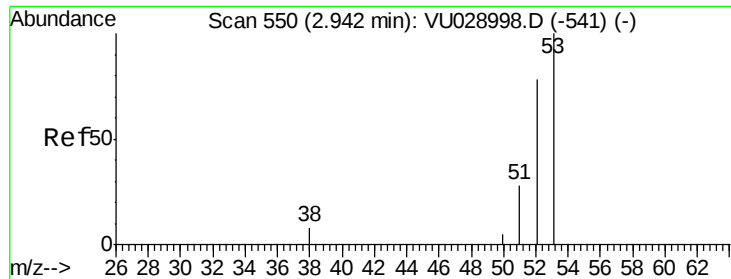


Abundance Ion 41.00 (40.70 to 41.70): VU029029.D (-347) (-)



Time-->





#15

Acrylonitrile

Concen: 104.458 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Instrument :

MSVOA_U

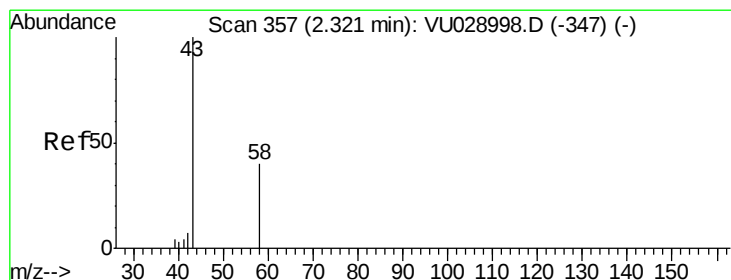
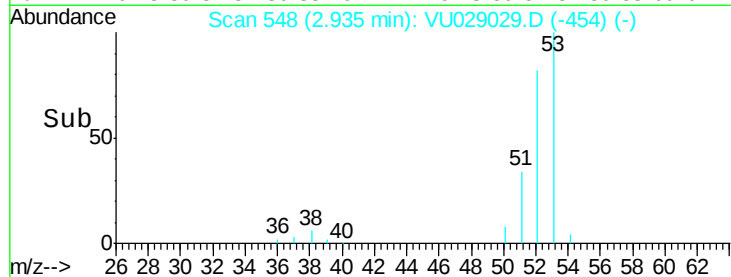
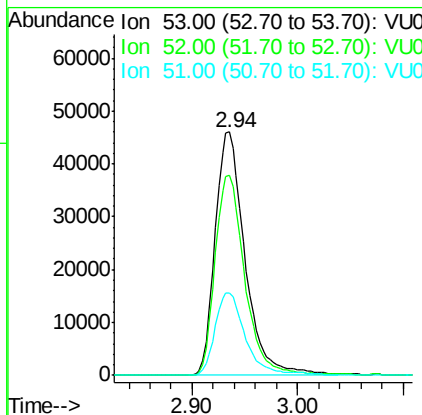
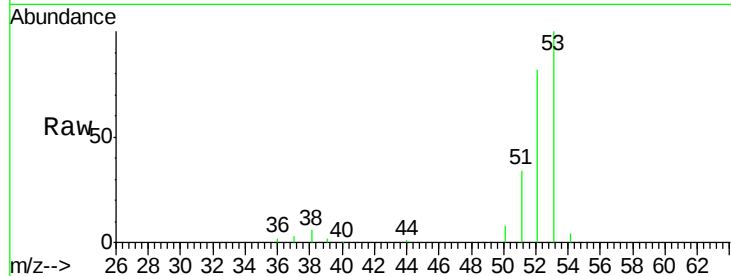
ClientSampleId :

VU0105WBSD01

Tot Ion:	53	Resp:	90557
Ion Ratio		Lower	Upper
53	100		
52	81.5	64.8	97.2
51	33.6	27.3	40.9

Manual Integrations
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#16

Acetone

Concen: 81.950 ug/l

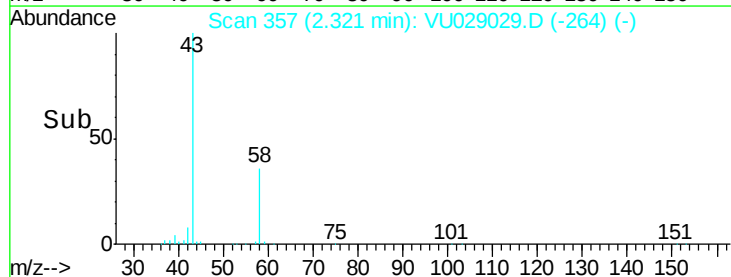
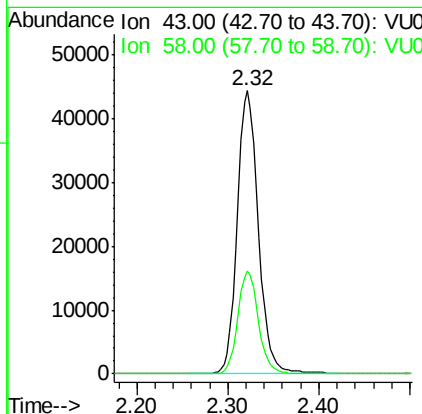
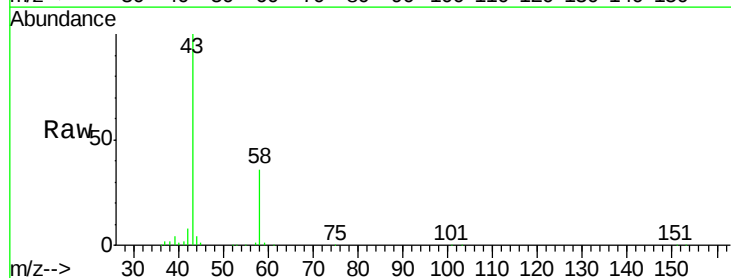
RT: 2.32 min Scan# 357

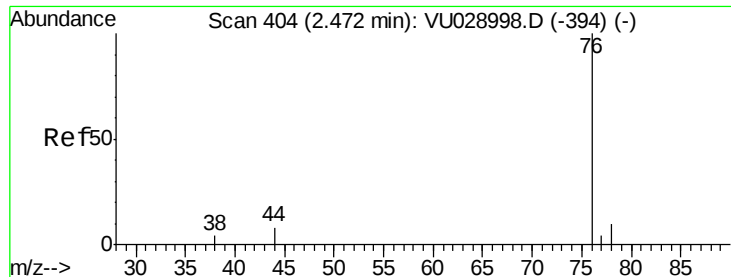
Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Tgt Ion:	43	Resp:	71768
Ion Ratio		Lower	Upper
43	100		
58	36.2	28.6	42.8





#17

Carbon Disulfide

Concen: 20.270 ug/l

RT: 2.47 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Instrument :

MSVOA_U

ClientSampleId :

VU0105WBSD01

Tot Ion: 76 Resp: 79565

Ion Ratio Lower Upper

76 100

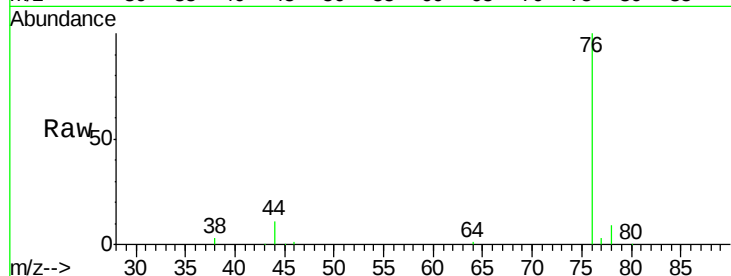
78 9.0 7.2 10.8

Manual Integrations

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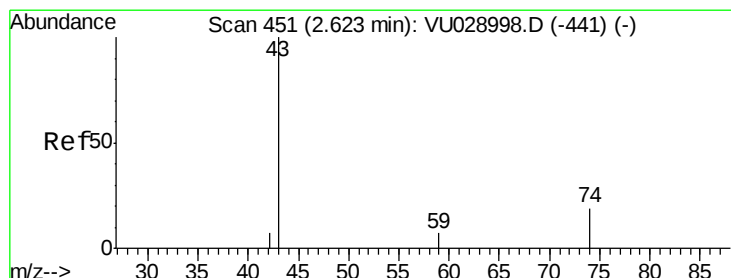
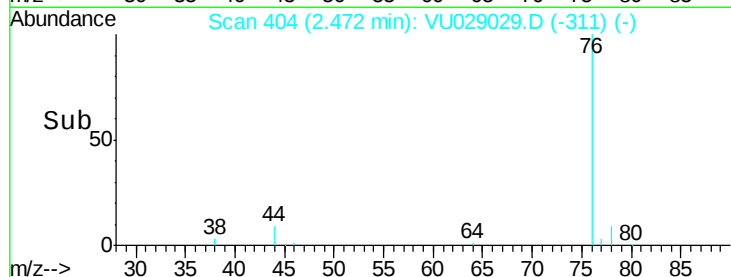
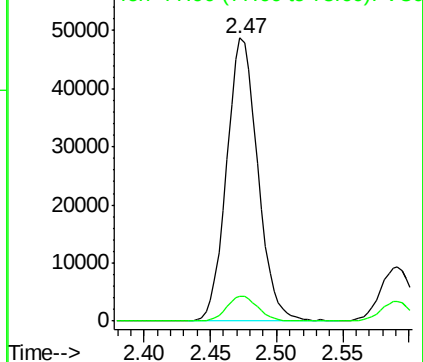
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 20.571 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU029029.D

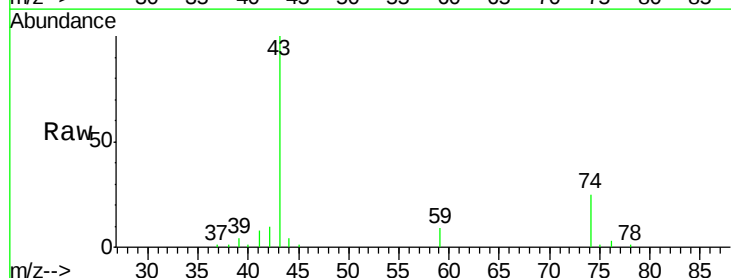
Acq: 04 Jan 2019 15:52

Tgt Ion: 43 Resp: 41888

Ion Ratio Lower Upper

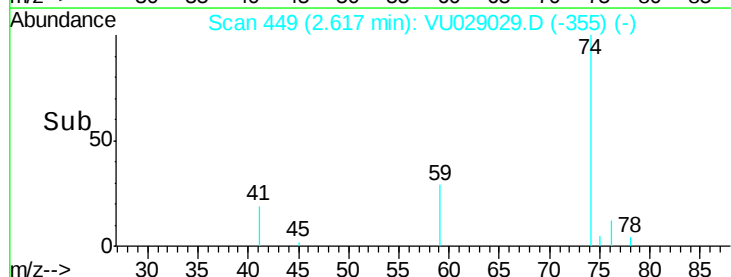
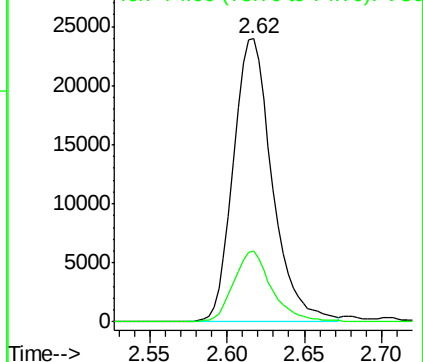
43 100

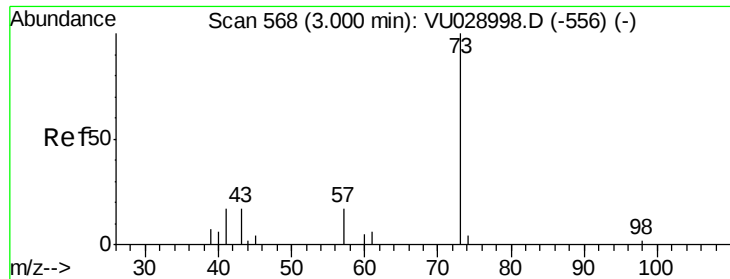
74 24.5 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





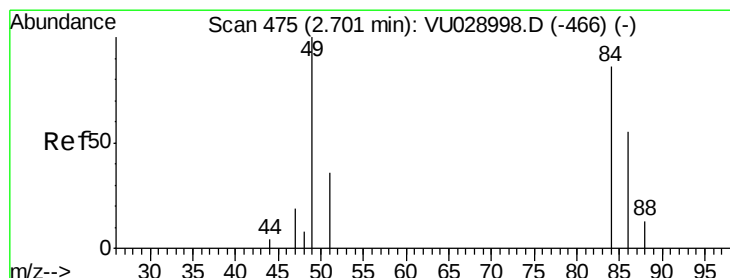
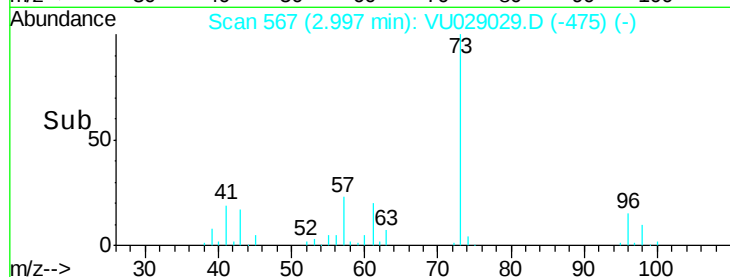
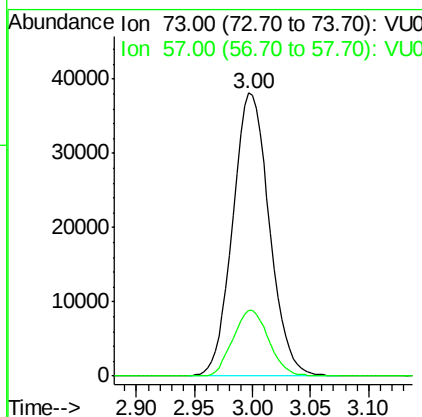
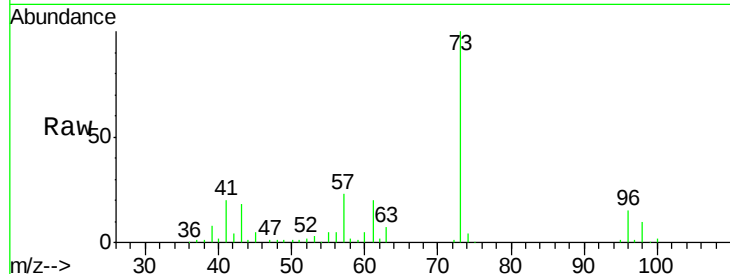
#19
Methvl tert-butvl Ether
Concen: 20.367 ug/l
RT: 3.00 min Scan# 567
Delta R.T. -0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBSD01

Tot Ion: 73 Resp: 83515
Ion Ratio Lower Upper
73 100
57 23.2 18.6 28.0

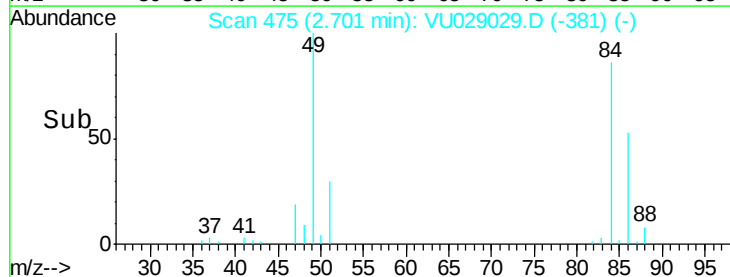
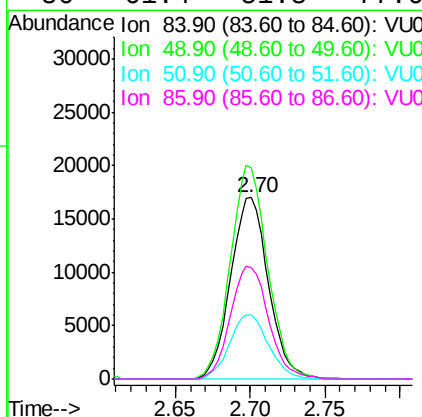
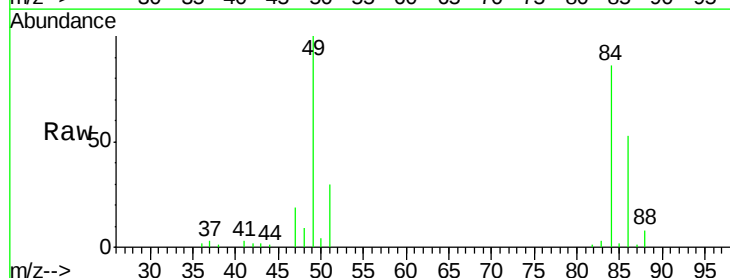
Manual Integrations
APPROVED

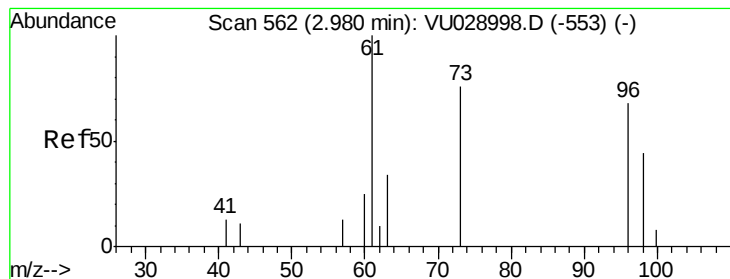
MMDadoda
1/7/2019 12:49:02 PM



#20
Methylene Chloride
Concen: 20.140 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Tgt Ion: 84 Resp: 29946
Ion Ratio Lower Upper
84 100
49 116.2 91.9 137.9
51 35.3 29.2 43.8
86 61.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.872 ug/l

RT: 2.98 min Scan# 562

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Instrument :

MSVOA_U

ClientSampleId :

VU0105WBSD01

Tot Ion: 96 Resp: 26928

Ion Ratio Lower Upper

96 100

61 138.1 107.7 161.5

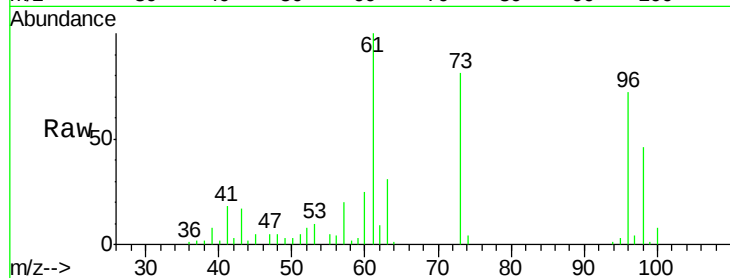
98 63.3 49.2 73.8

Manual Integrations

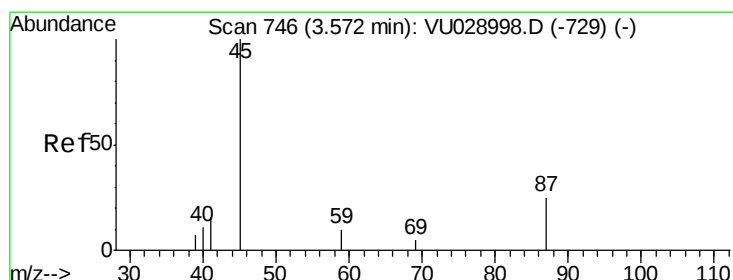
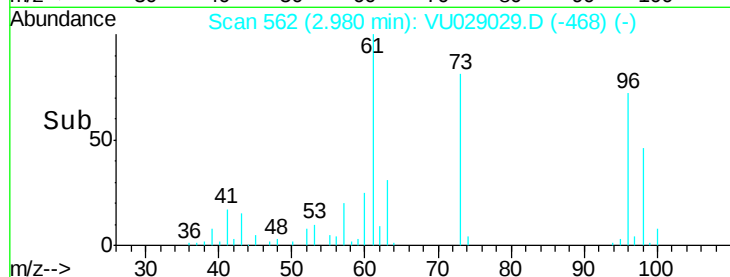
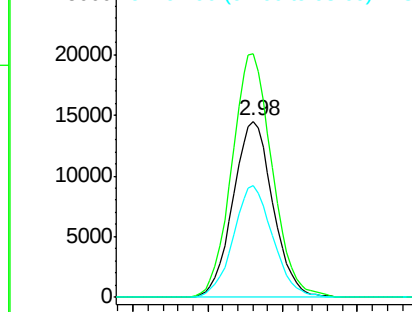
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Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 21.228 ug/l

RT: 3.57 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Tgt Ion: 45 Resp: 89783

Ion Ratio Lower Upper

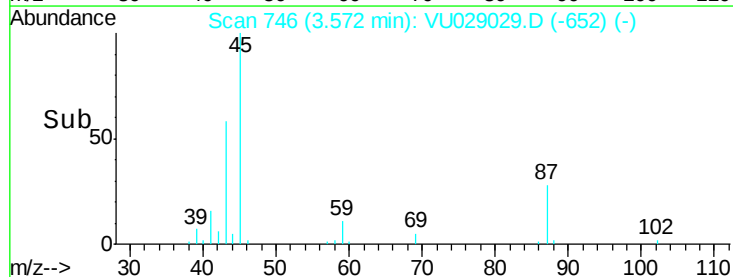
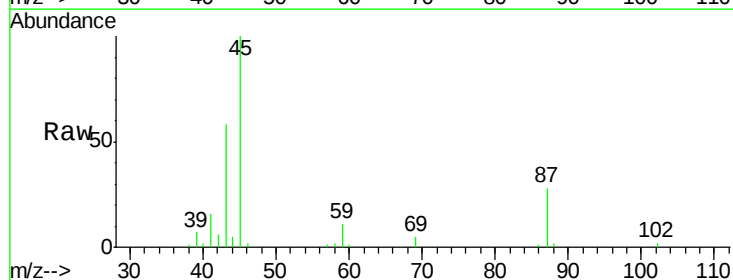
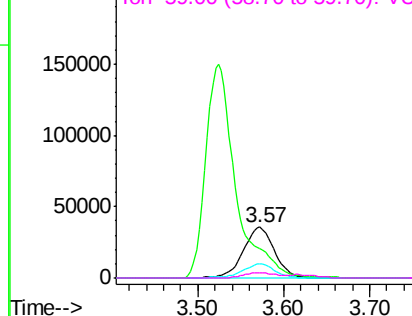
45 100

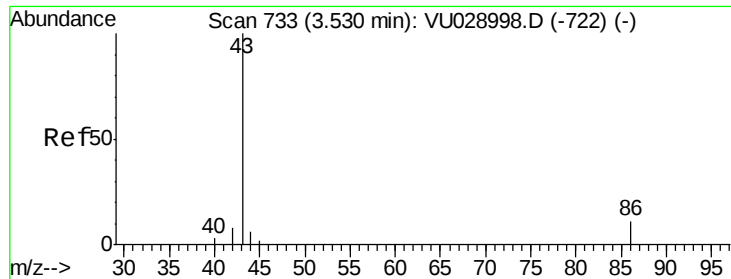
43 56.7 44.7 67.1

87 27.6 22.2 33.2

59 11.3 9.8 14.8

Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 59.00 (58.70 to 59.70): VU0





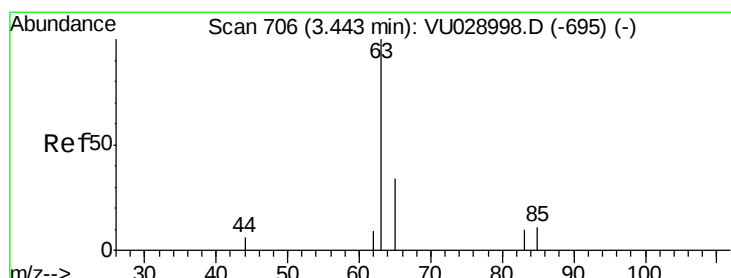
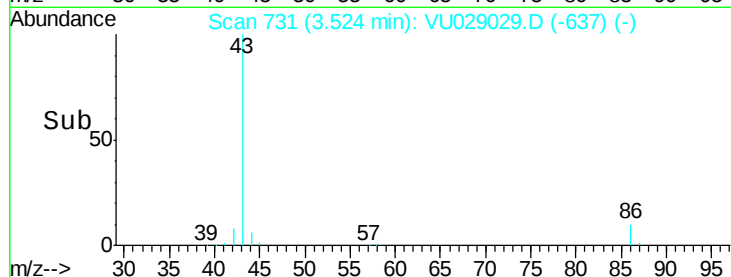
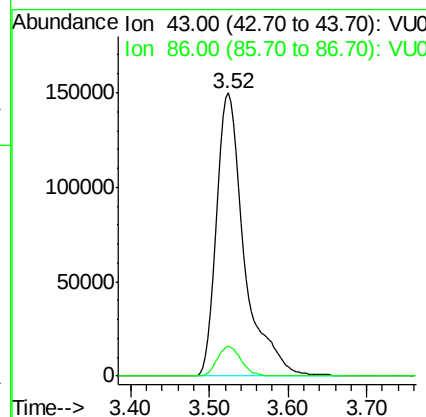
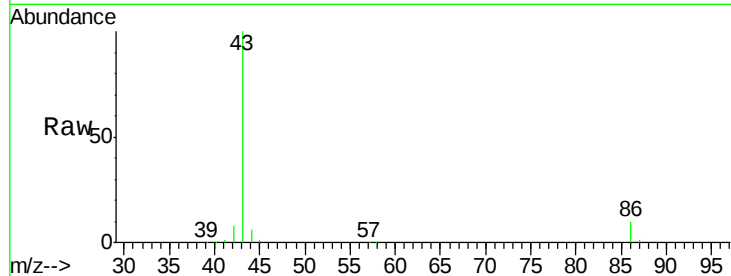
#23
 Vinyl Acetate
 Concen: 105.998 ug/l
 RT: 3.52 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU029029.D
 Acq: 04 Jan 2019 15:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0105WBSD01

Tot Ion: 43 Resp: 366501
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 13.0

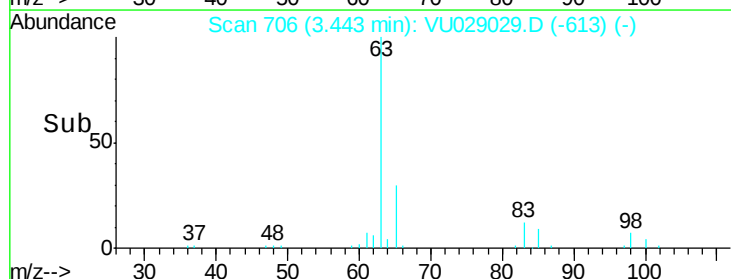
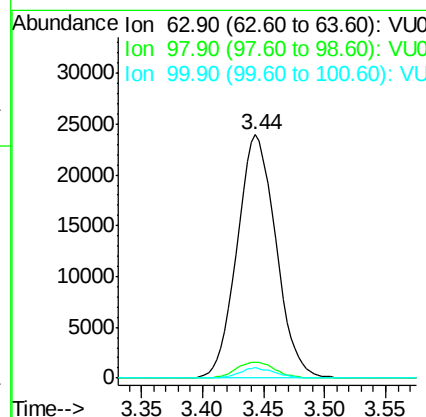
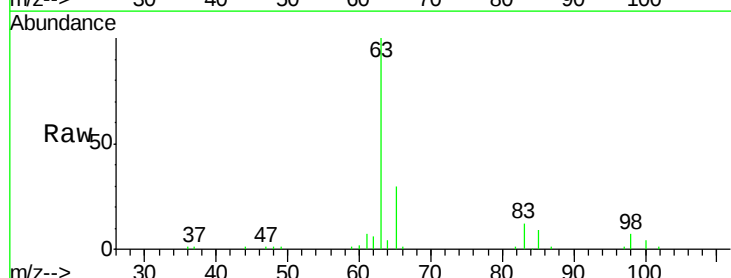
Manual Integrations
 APPROVED

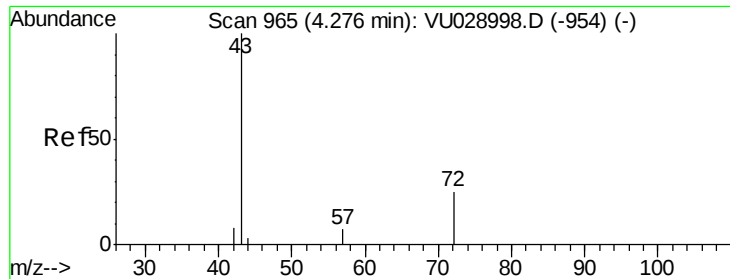
MMDadoda
 1/7/2019 12:49:02 PM



#24
 1,1-Dichloroethane
 Concen: 21.635 ug/l
 RT: 3.44 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: VU029029.D
 Acq: 04 Jan 2019 15:52

Tgt Ion: 63 Resp: 52823
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 4.1 2.0 5.8





#25

2-Butanone

Concen: 99.107 ug/l

RT: 4.26 min Scan# 960

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Instrument :

MSVOA_U

ClientSampleId :

VU0105WBSD01

Tot Ion: 43 Resp: 117228

Ion Ratio Lower Upper

43 100

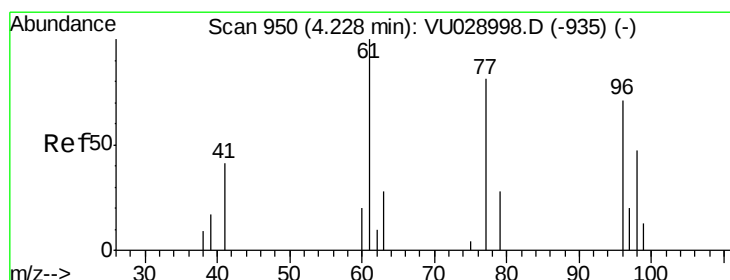
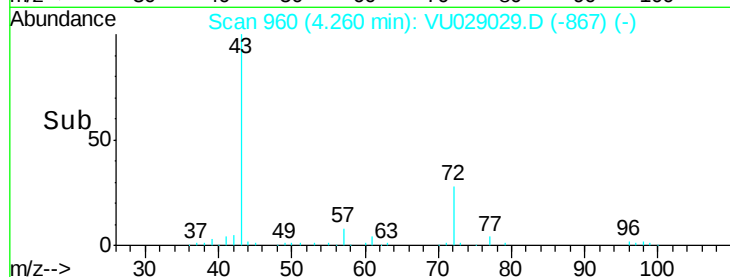
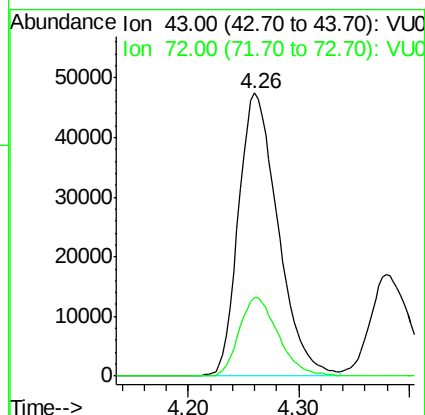
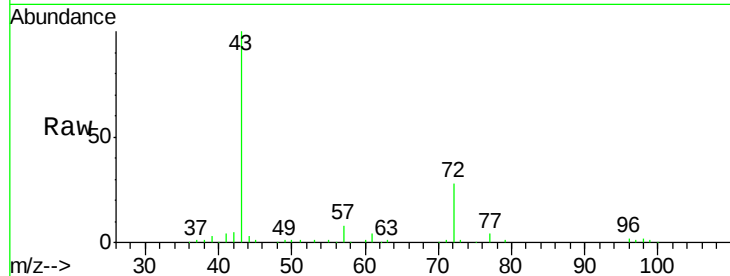
72 27.8 22.6 33.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.846 ug/l

RT: 4.22 min Scan# 948

Delta R.T. -0.00 min

Lab File: VU029029.D

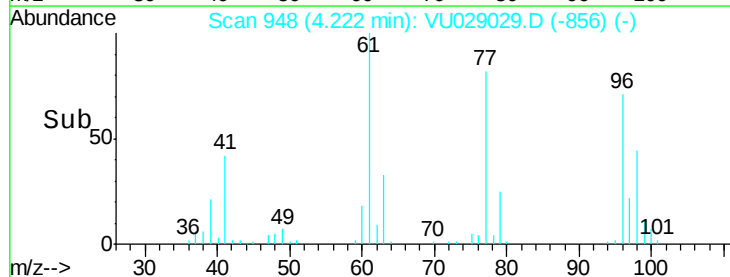
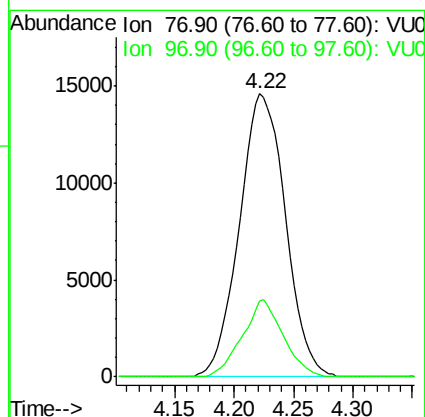
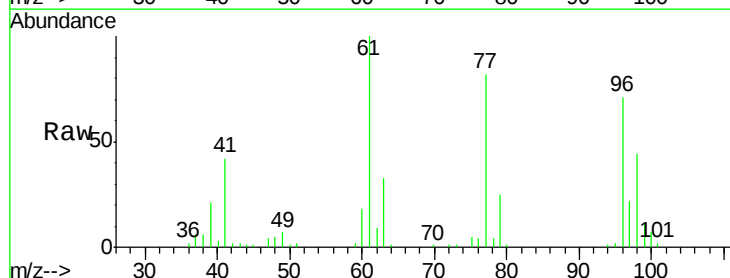
Acq: 04 Jan 2019 15:52

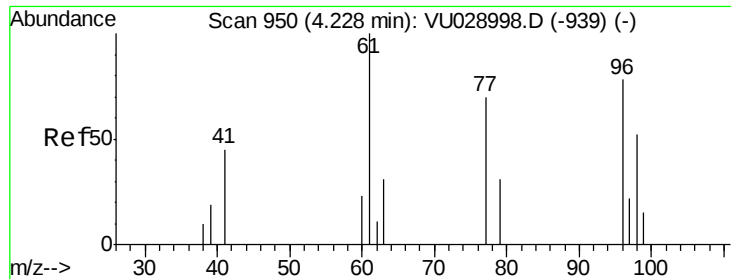
Tgt Ion: 77 Resp: 39152

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.1





#27

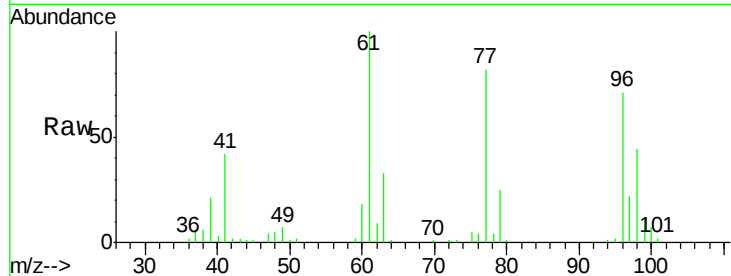
cis-1,2-Dichloroethene
Concen: 20.533 ug/l
RT: 4.22 min Scan# 948
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBSD01

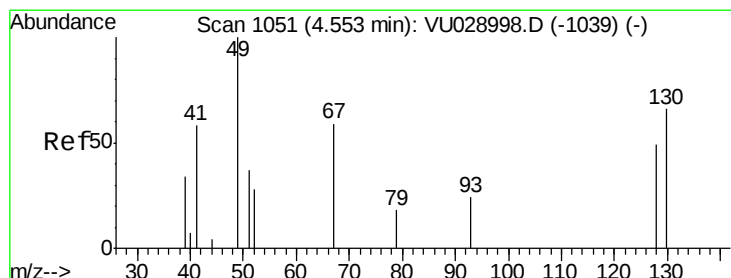
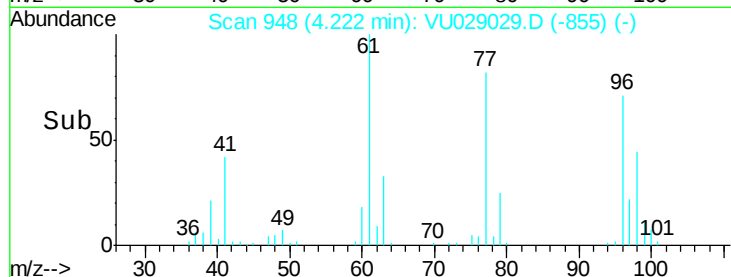
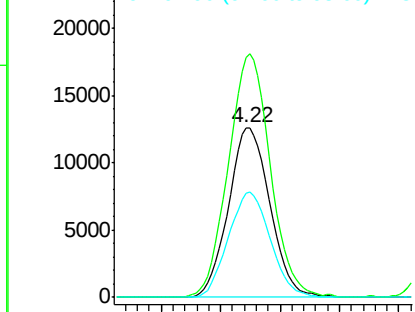
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.4	0.0	285.6
98	62.8	0.0	130.2

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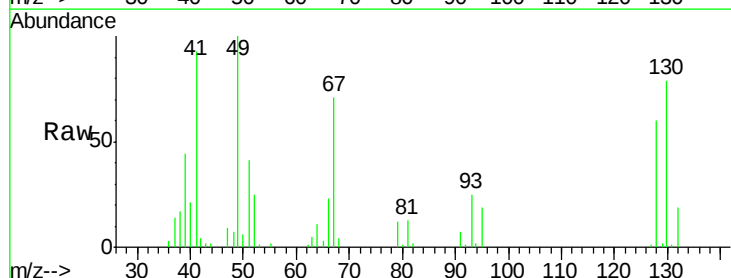
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



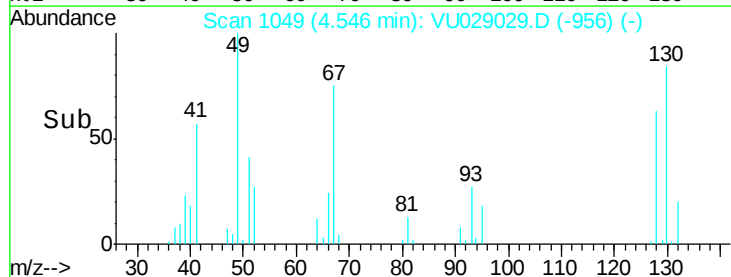
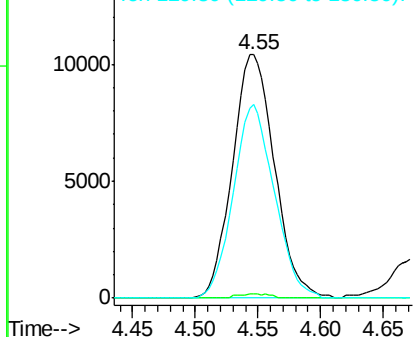
#28

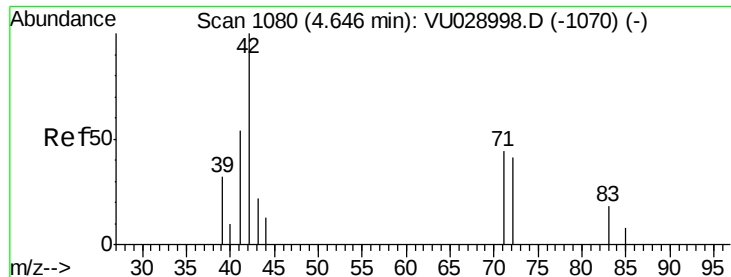
Bromochloromethane
Concen: 23.217 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.4
130	77.5	62.9	94.3



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





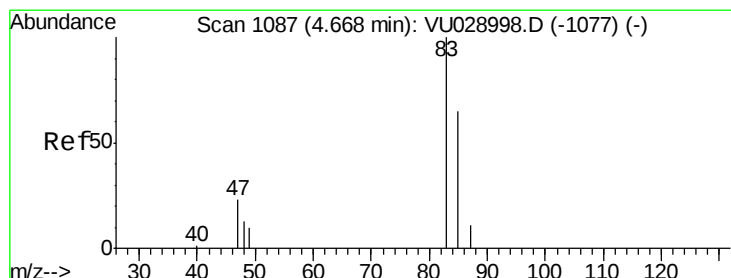
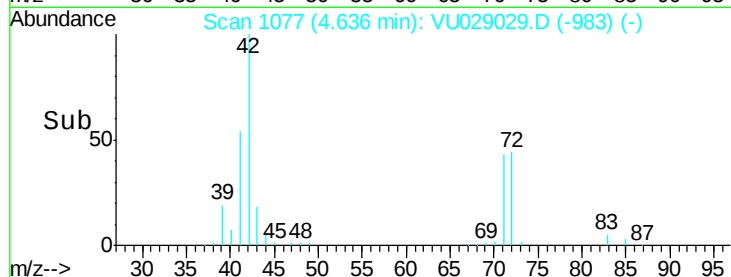
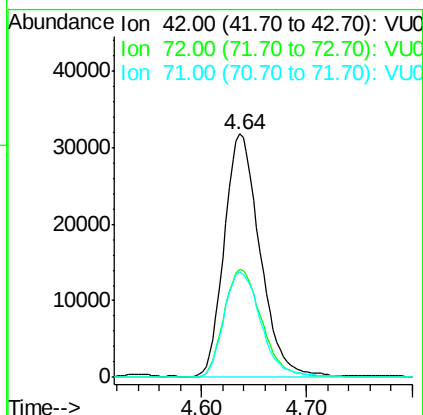
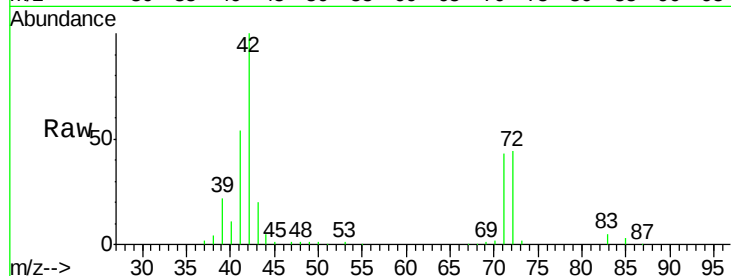
#29
Tetrahydrofuran
Concen: 104.748 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.5	38.3	57.5
71	44.5	36.1	54.1

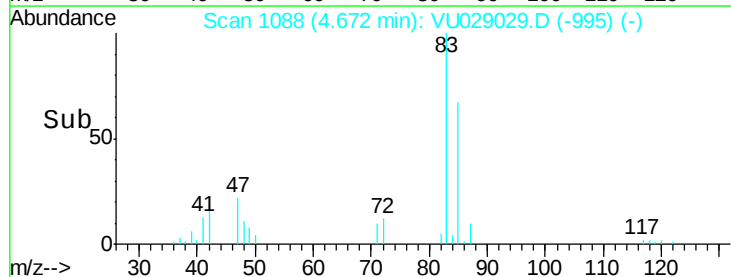
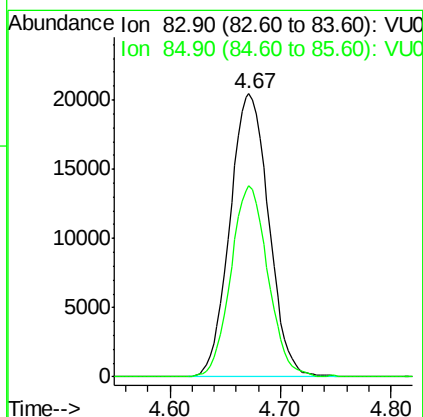
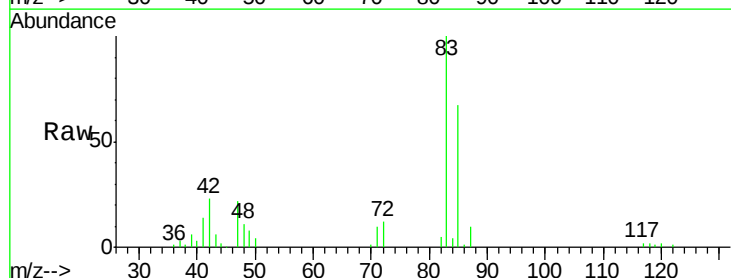
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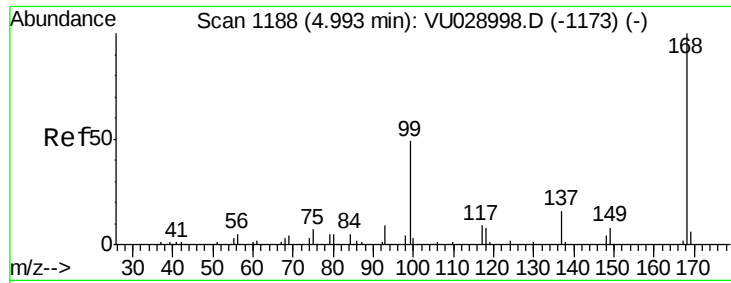
MMDadoda
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#30
Chloroform
Concen: 21.440 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.4	53.4	80.0





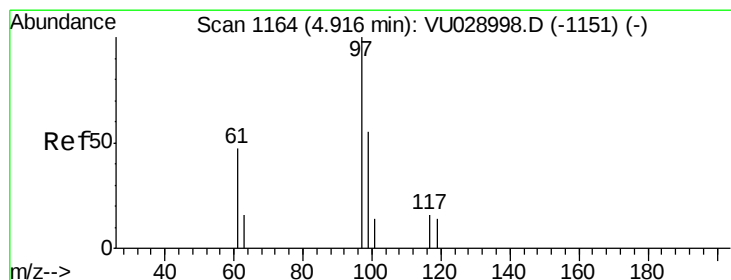
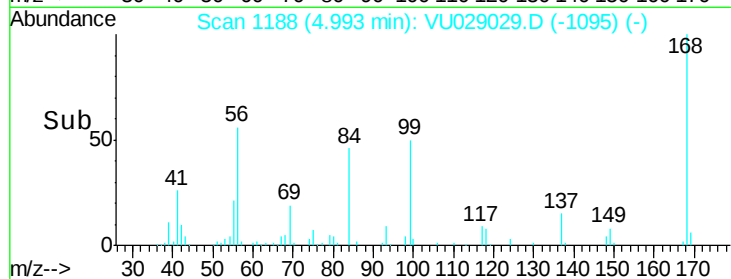
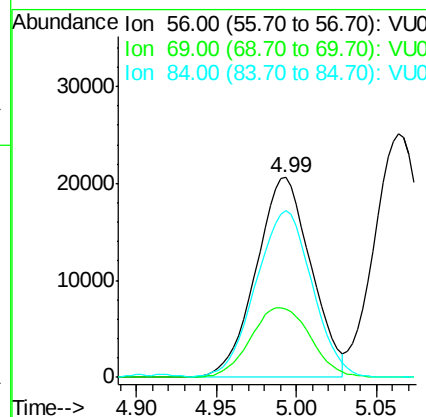
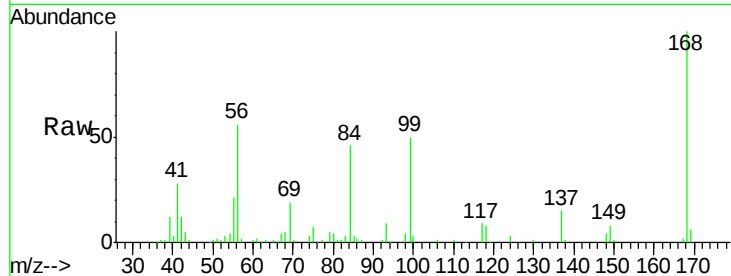
#31
Cyclohexane
Concen: 20.549 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	26.7	40.1
84	83.4	65.7	98.5

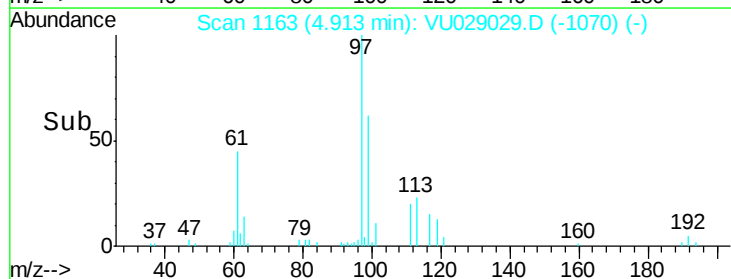
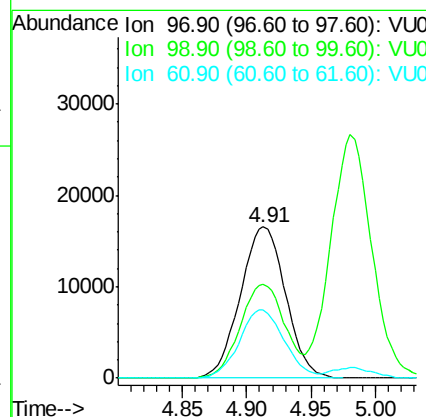
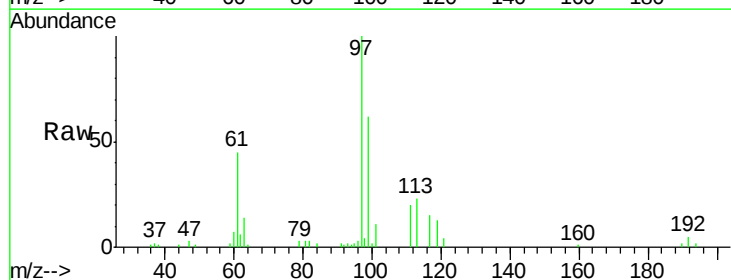
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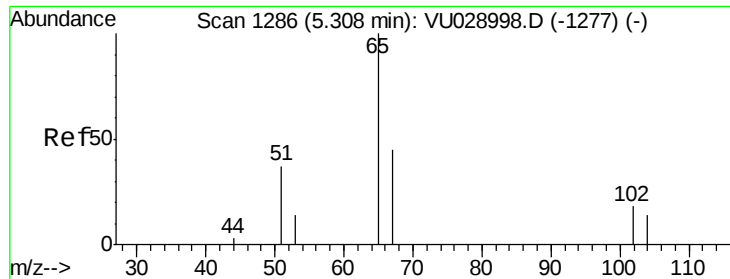
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#32
1,1,1-Trichloroethane
Concen: 21.033 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.9	51.0	76.4
61	44.8	34.4	51.6





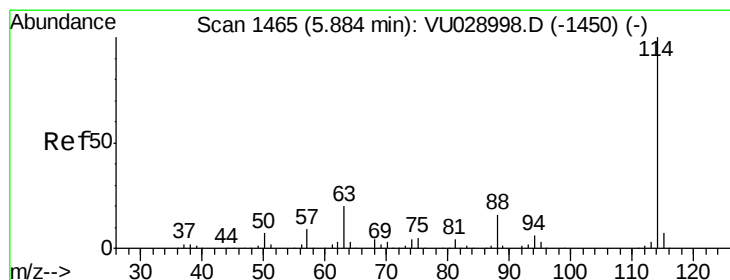
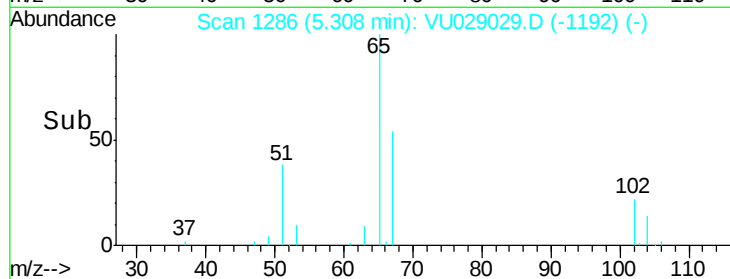
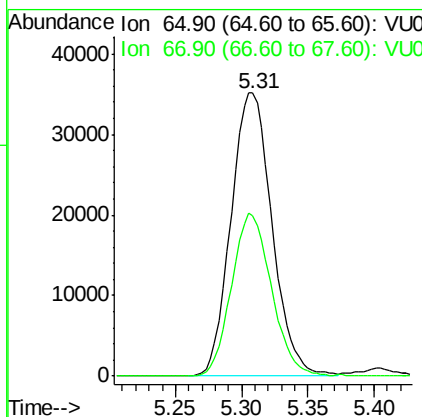
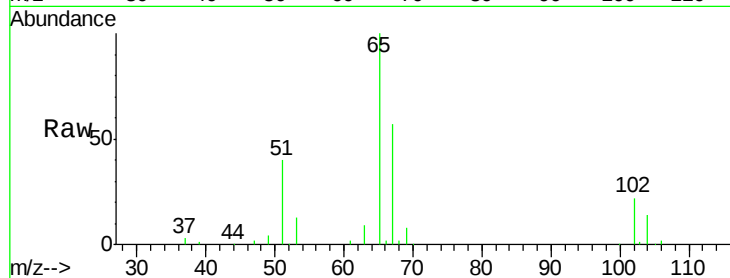
#33
 1,2-Dichloroethane-d4
 Concen: 54.418 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU029029.D
 Acq: 04 Jan 2019 15:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0105WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.9	0.0	111.0

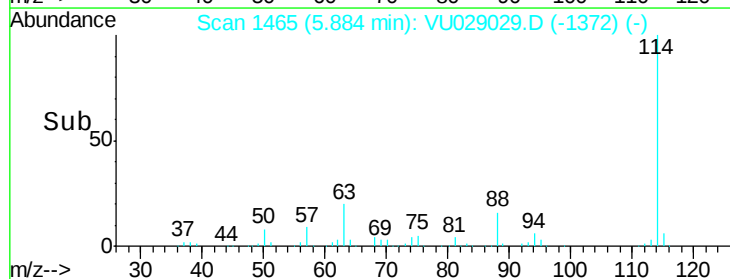
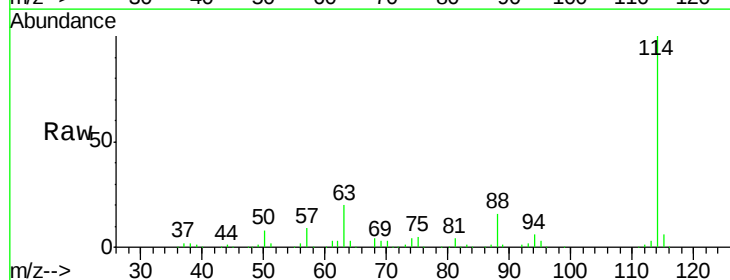
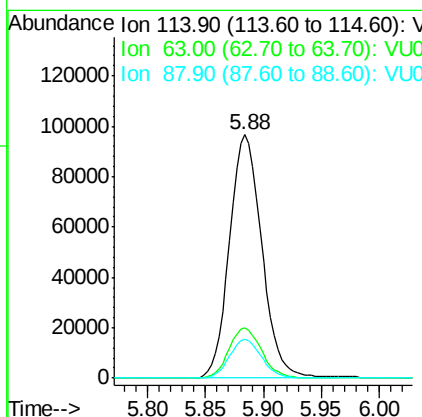
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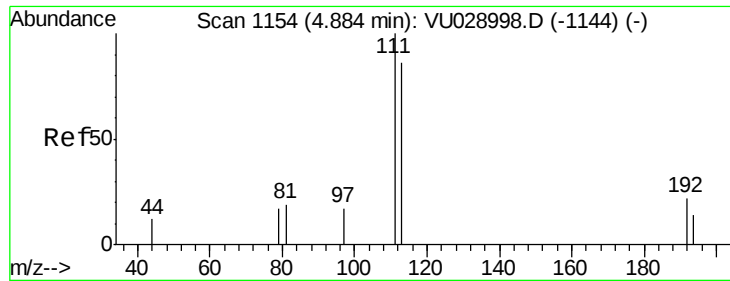
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029029.D
 Acq: 04 Jan 2019 15:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.2
88	16.0	0.0	30.4





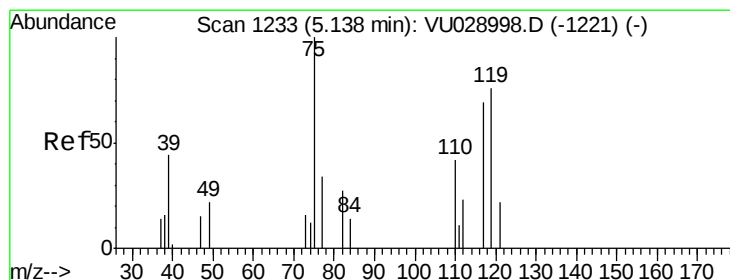
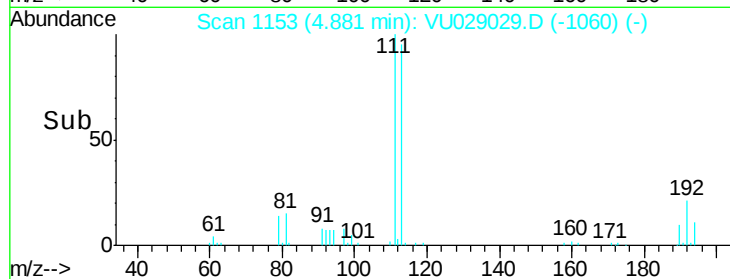
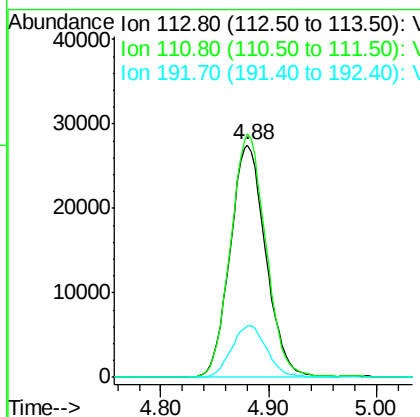
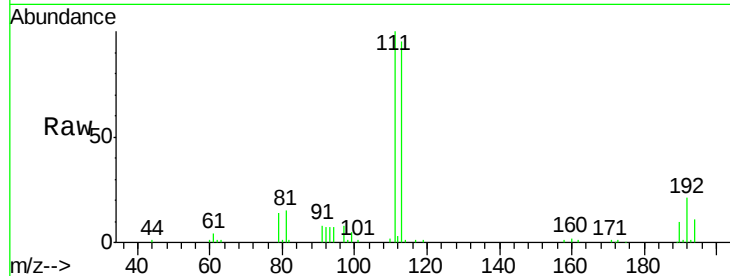
#35
 Dibromofluoromethane
 Concen: 52.267 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029029.D
 Acq: 04 Jan 2019 15:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0105WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.4	122.2
192	21.8	16.8	25.2

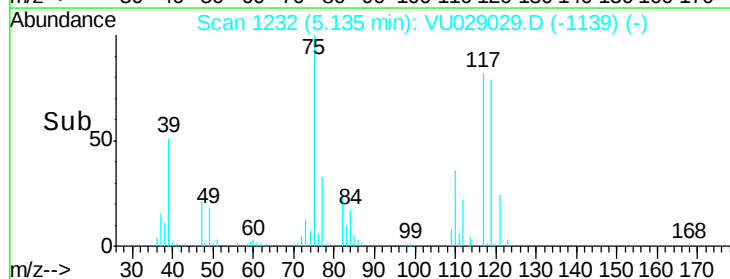
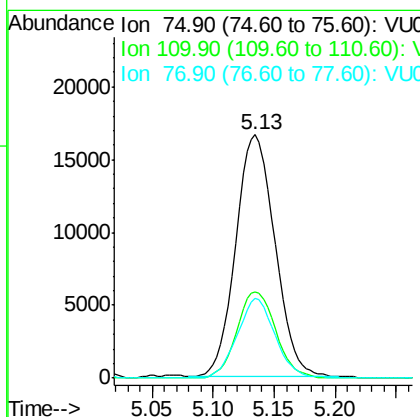
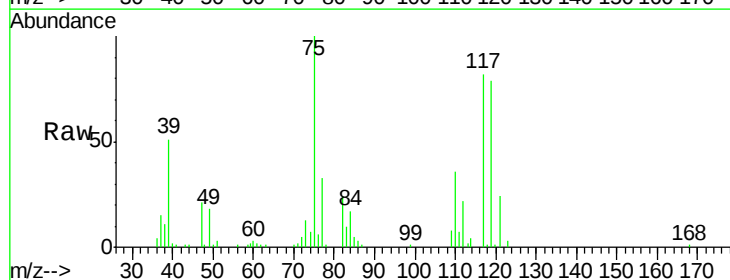
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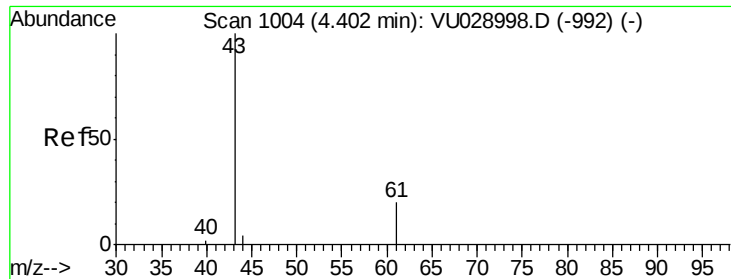
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#36
 1,1-Dichloropropene
 Concen: 19.714 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU029029.D
 Acq: 04 Jan 2019 15:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	18.4	55.4
77	31.7	25.1	37.7





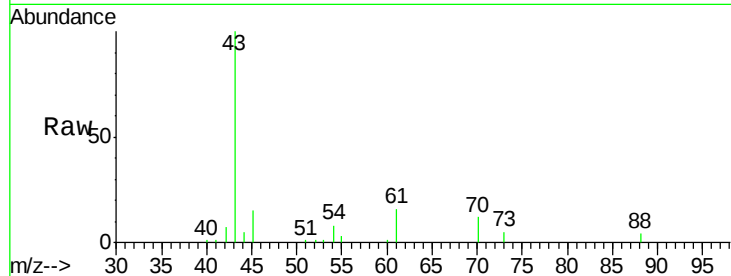
#37
Ethyl Acetate
Concen: 20.470 ug/l
RT: 4.38 min Scan# 997
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBSD01

Tot Ion	43	Resp	42040
Ion Ratio	100	Lower	Upper
43	100		
61	16.0	12.6	18.8
70	10.8	9.3	13.9

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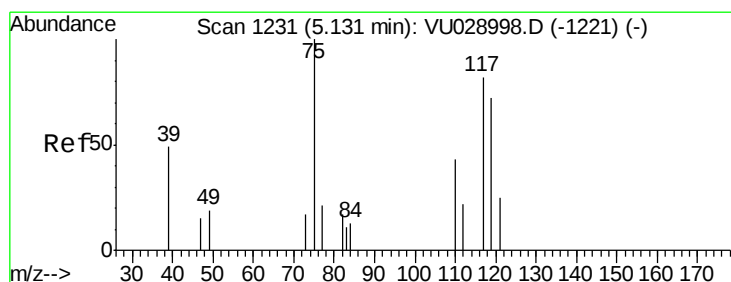
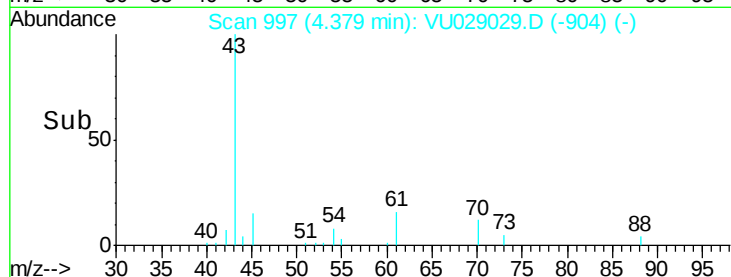
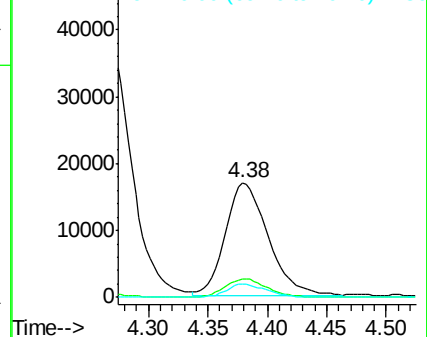


Abundance

Ion 43.00 (42.70 to 43.70): VU0

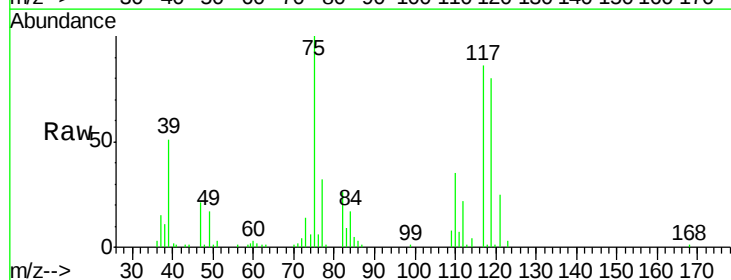
Ion 60.90 (60.60 to 61.60): VU0

Ion 70.00 (69.70 to 70.70): VU0



#38
Carbon Tetrachloride
Concen: 20.765 ug/l
RT: 5.13 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Tgt Ion	117	Resp	32404
Ion Ratio	100	Lower	Upper
117	100		
119	93.2	74.6	111.8
121	29.2	25.0	37.6

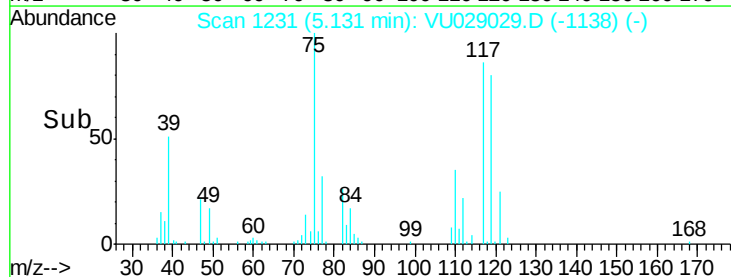
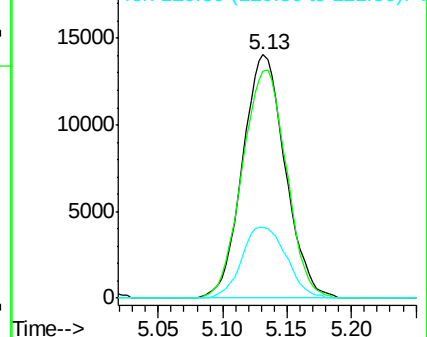


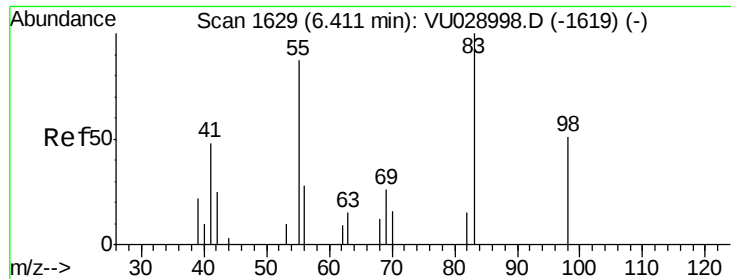
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





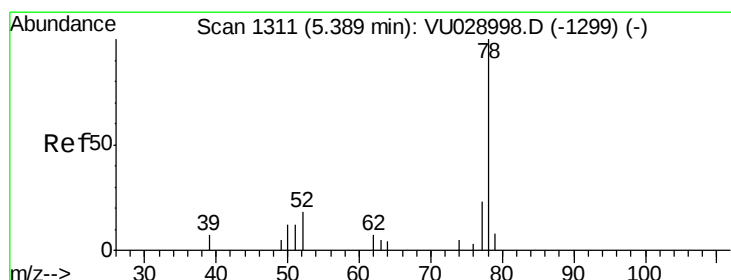
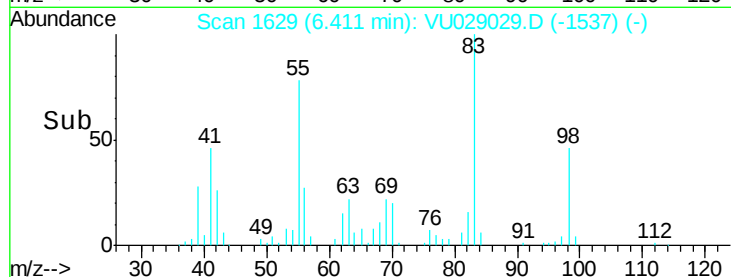
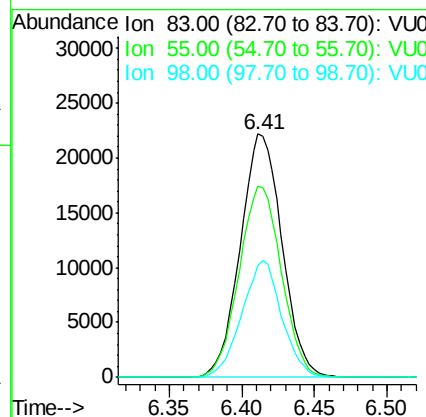
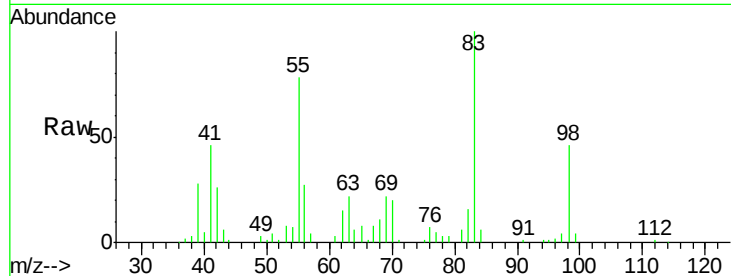
#39
Methvlcvclohexane
Concen: 19.270 ug/l
RT: 6.41 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.3	62.4	93.6
98	45.7	36.2	54.2

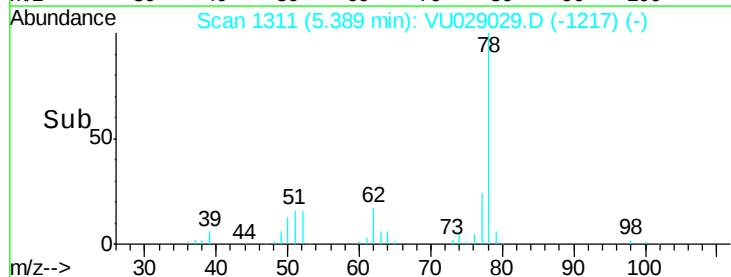
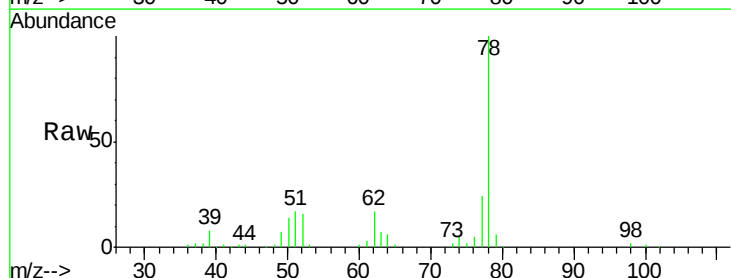
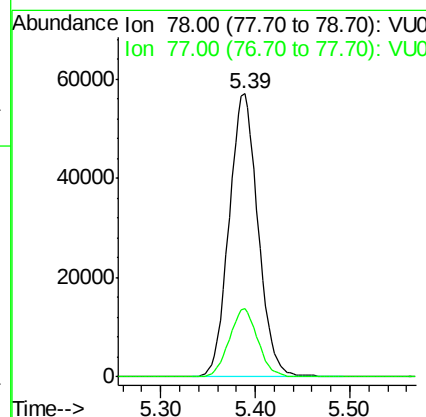
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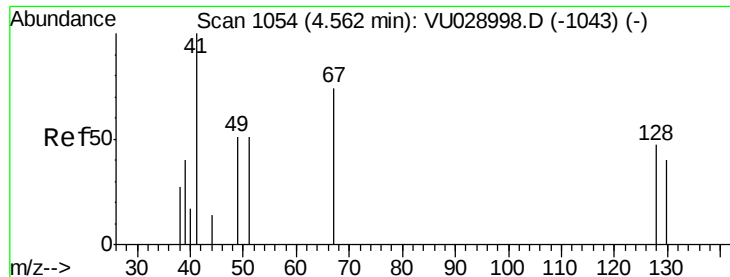
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#40
Benzene
Concen: 20.844 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.9	28.3





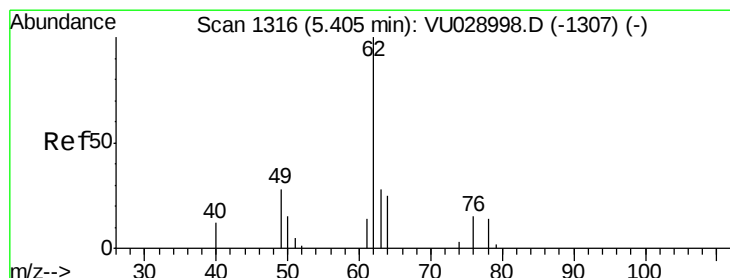
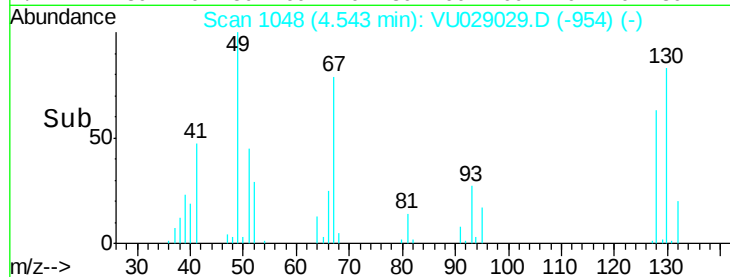
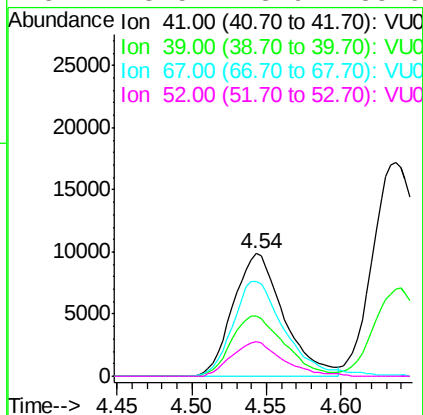
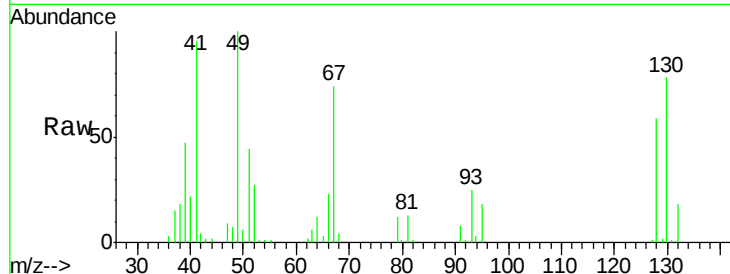
#41
Methacrylonitrile
Concen: 21.106 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.6	42.3	63.5	
67	79.7	64.4	96.6	
52	28.5	23.9	35.9	

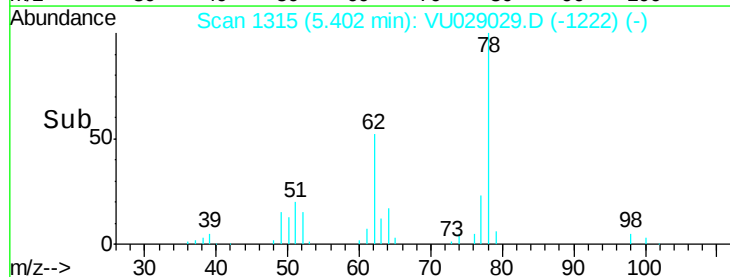
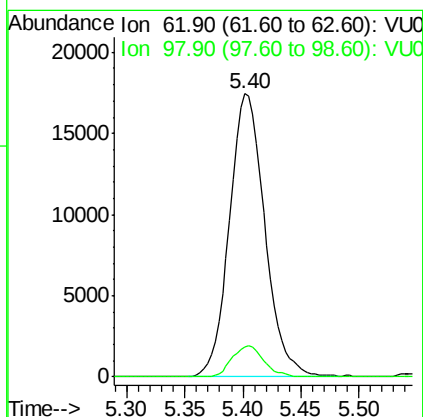
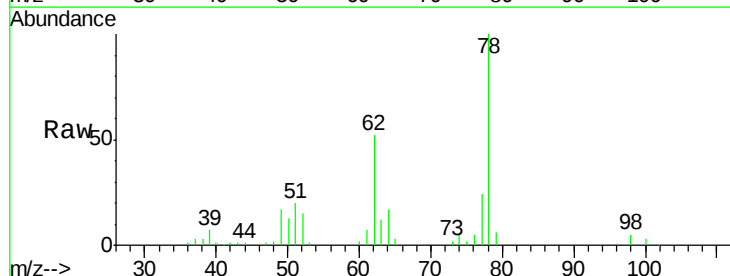
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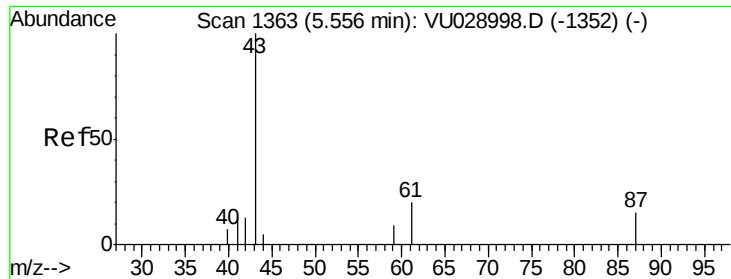
MMDadoda
1/7/2019 12:49:02 PM



#42
1,2-Dichloroethane
Concen: 21.146 ug/l
RT: 5.40 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	0.0	19.6	





#43

Isopropyl Acetate

Concen: 21.078 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Instrument :

MSVOA_U

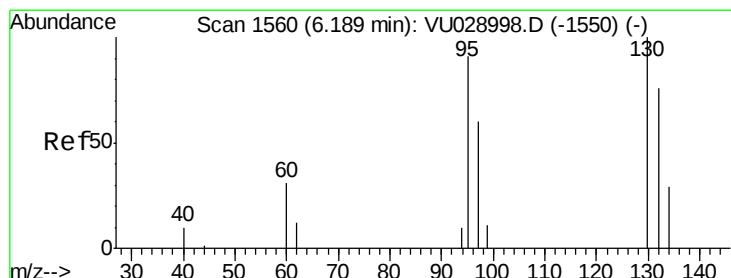
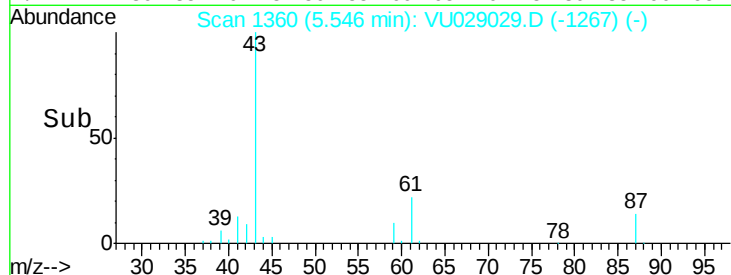
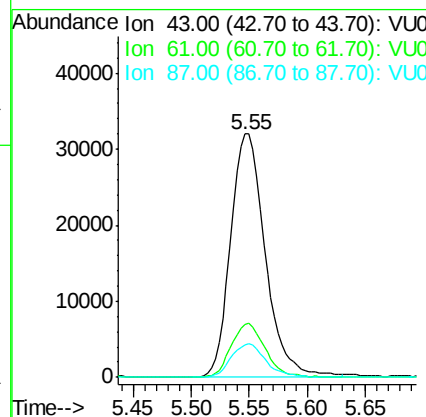
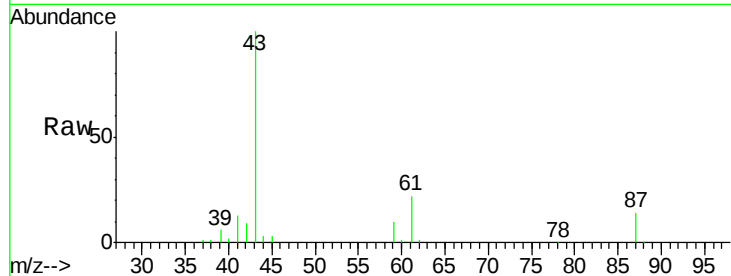
ClientSampleId :

VU0105WBSD01

Tot Ion:	43	Resp:	66406
Ion	Ratio	Lower	Upper
43	100		
61	21.7	17.8	26.6
87	13.8	11.3	16.9

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#44

Trichloroethene

Concen: 19.282 ug/l

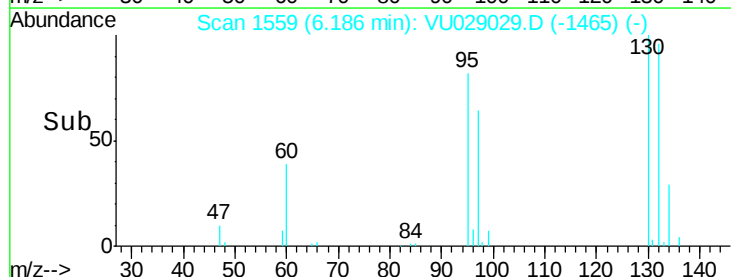
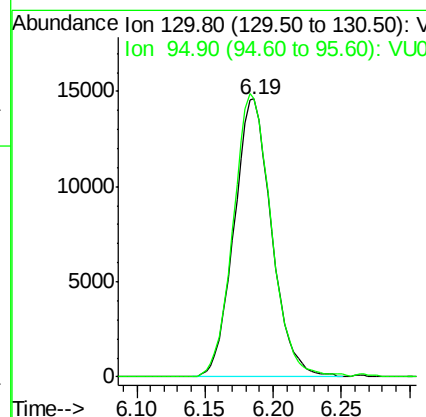
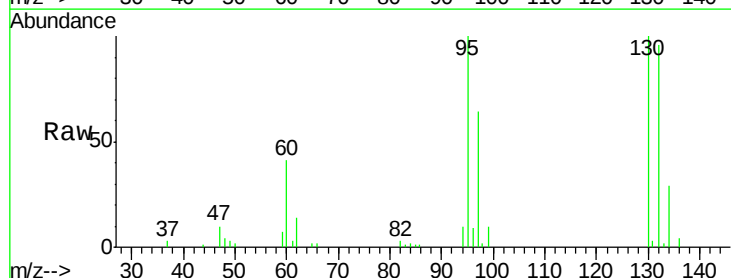
RT: 6.19 min Scan# 1559

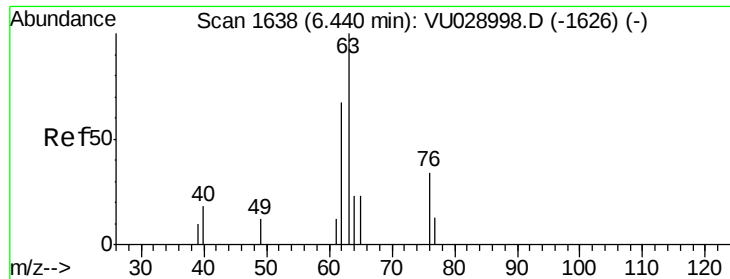
Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Tgt Ion:	130	Resp:	27883
Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	205.0





#45

1,2-Dichloropropane

Concen: 20.985 ug/l

RT: 6.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Instrument :

MSVOA_U

ClientSampled :

VU0105WBSD01

Tot Ion: 63 Resp: 32343

Ion Ratio Lower Upper

63 100

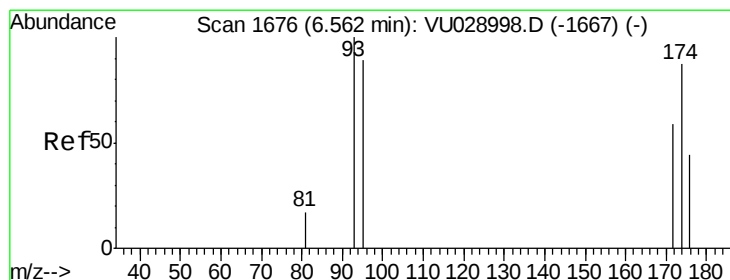
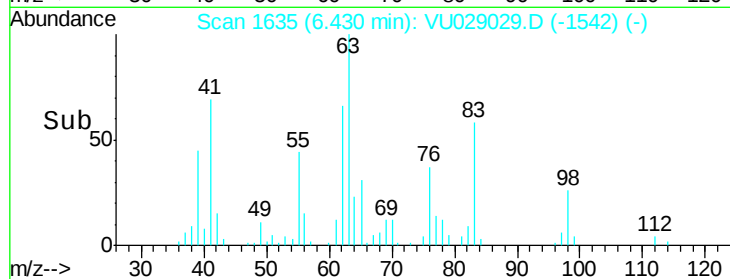
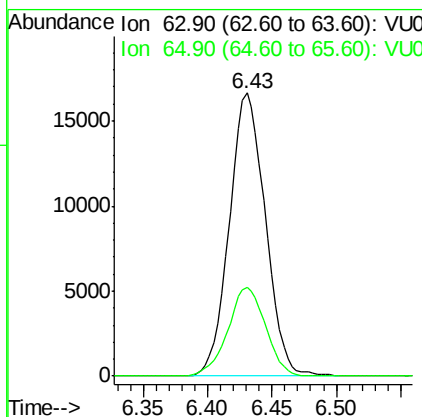
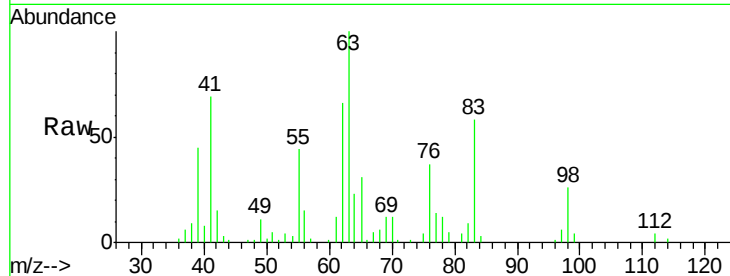
65 31.5 25.1 37.7

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#46

Dibromomethane

Concen: 20.528 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

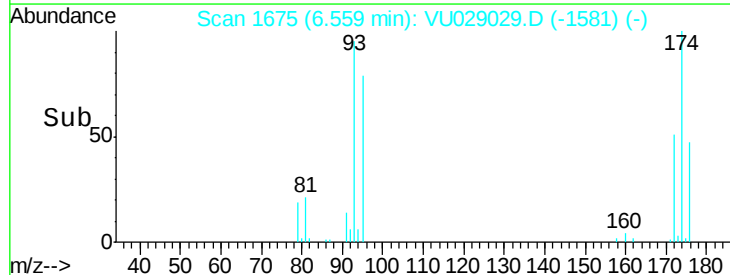
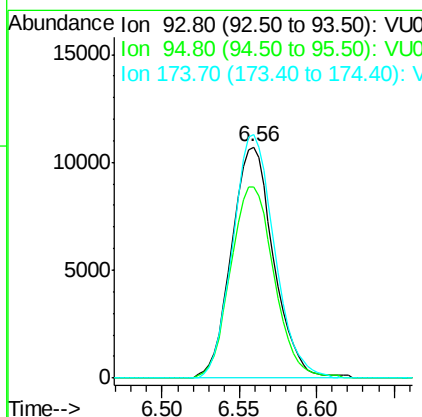
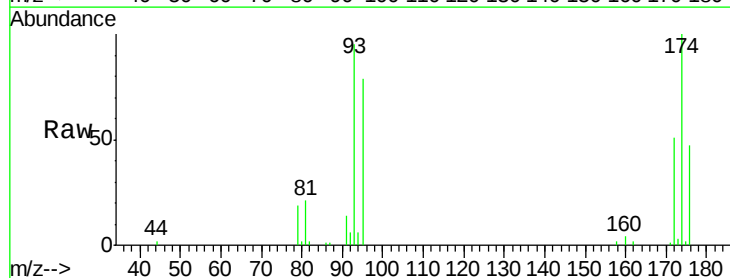
Tgt Ion: 93 Resp: 20225

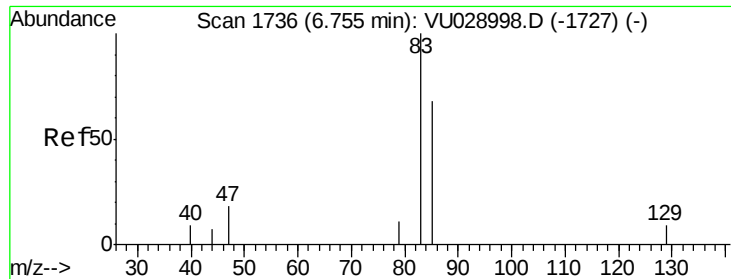
Ion Ratio Lower Upper

93 100

95 85.5 67.2 100.8

174 104.6 82.6 123.8





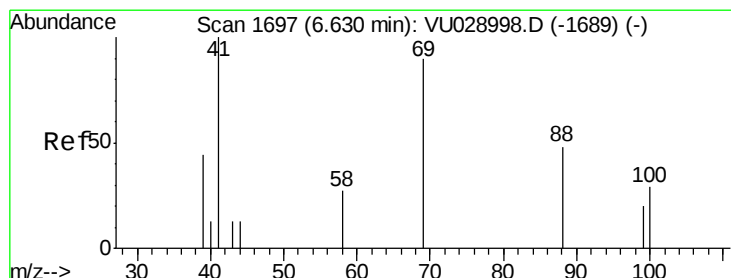
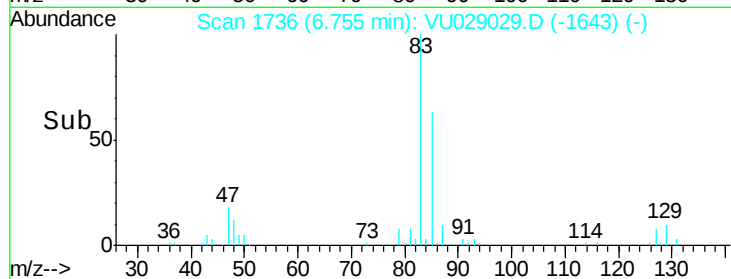
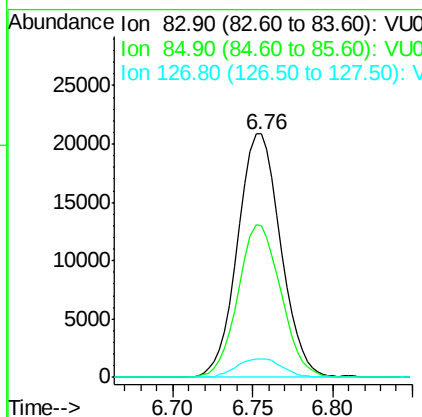
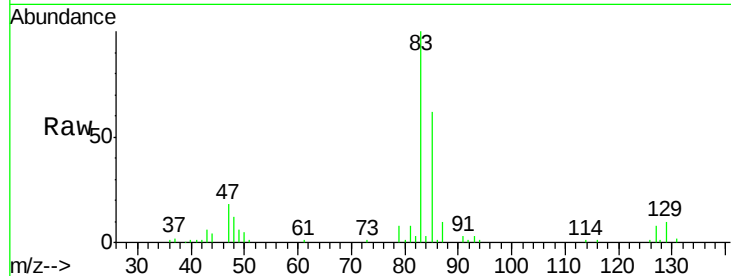
#47
Bromodichloromethane
Concen: 21.186 ug/l
RT: 6.76 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBSD01

Tot Ion	83	Resp	38432
Ion Ratio	100	Lower	Upper
83	100		
85	62.2	51.4	77.2
127	7.8	7.0	10.4

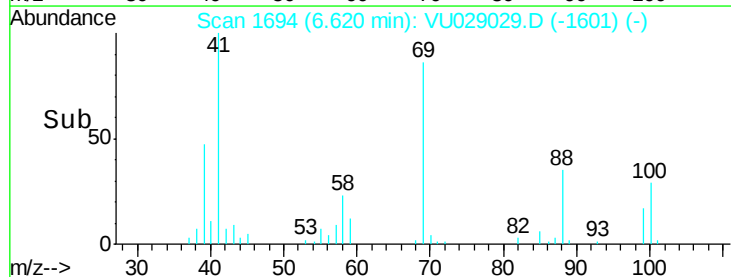
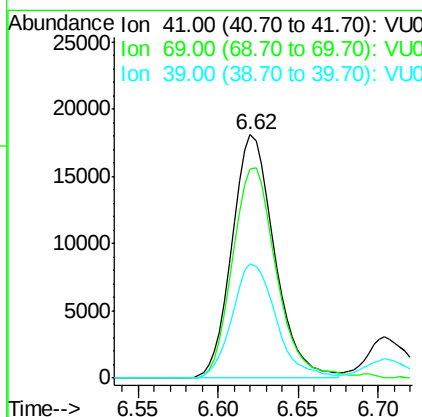
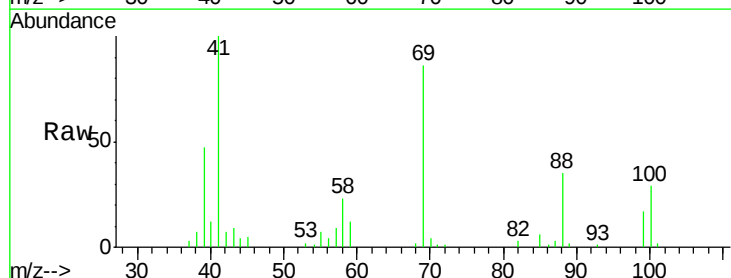
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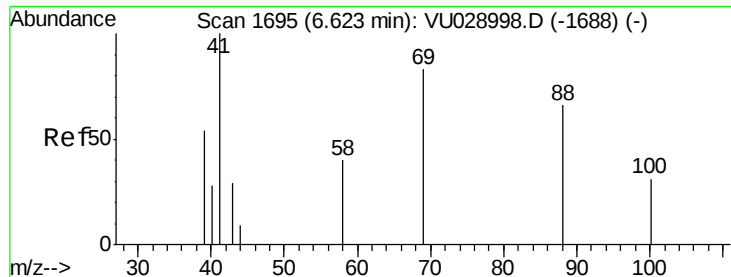
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#48
Methyl methacrylate
Concen: 21.386 ug/l
RT: 6.62 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Tgt Ion	41	Resp	32807
Ion Ratio	100	Lower	Upper
41	100		
69	88.7	73.6	110.4
39	48.4	39.6	59.4





#49

1,4-Dioxane

Concen: 385.920 ug/l

RT: 6.61 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Instrument :

MSVOA_U

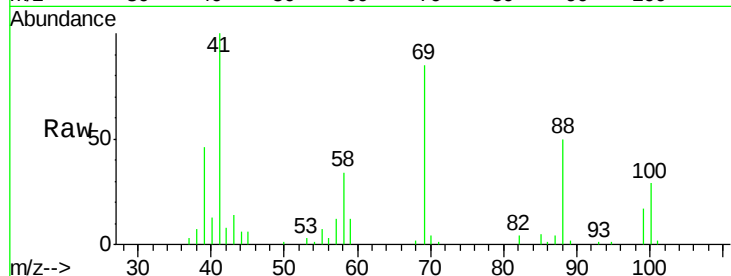
ClientSampled :

VU0105WBSD01

Tot Ion:	88	Resp:	14030
Ion	Ratio	Lower	Upper
88	100		
43	30.5	23.0	34.4
58	70.4	57.9	86.9

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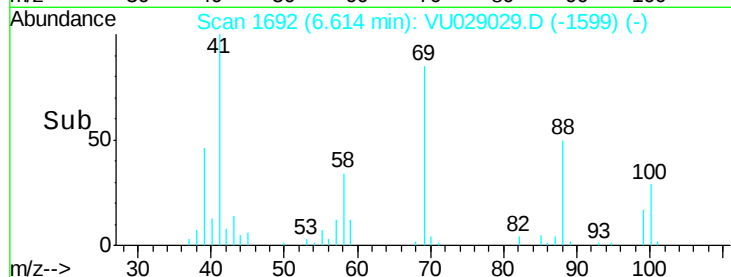


Abundance Ion 88.00 (87.70 to 88.70): VU029029.D (-1599) (-)

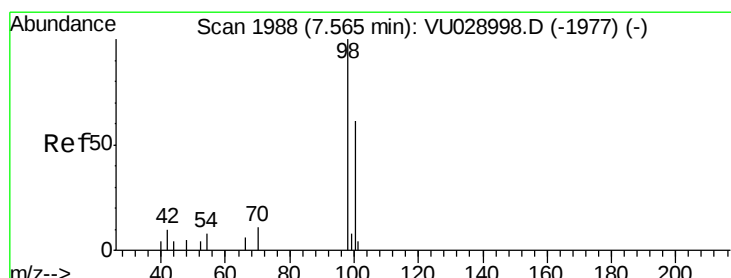
Ion 43.00 (42.70 to 43.70): VU029029.D (-1599) (-)

Ion 58.00 (57.70 to 58.70): VU029029.D (-1599) (-)

Time-->



Time-->



#50

Toluene-d8

Concen: 51.288 ug/l

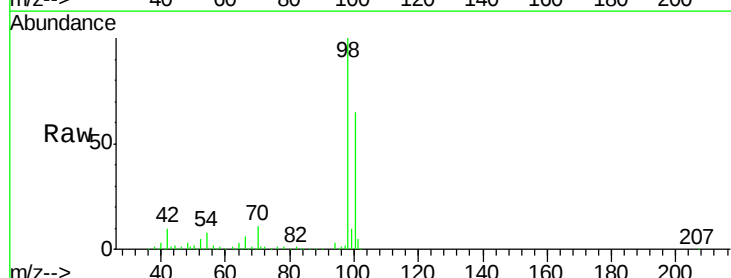
RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

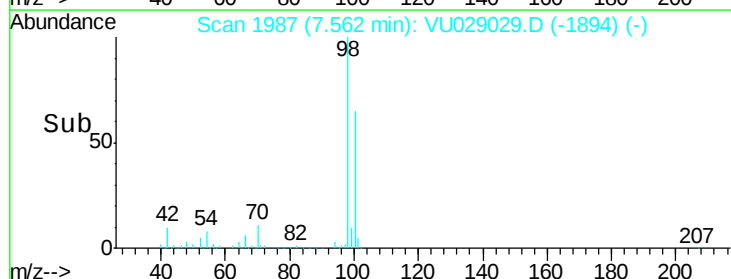
Tgt Ion:	98	Resp:	245692
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4



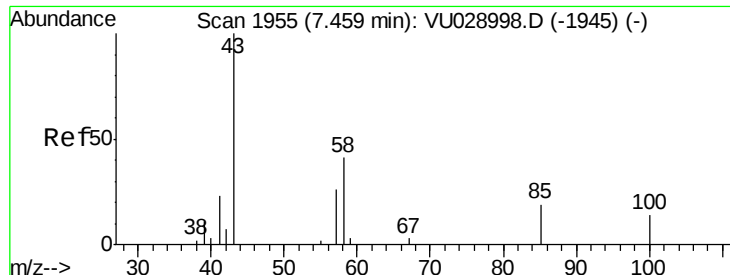
Abundance Ion 98.00 (97.70 to 98.70): VU029029.D (-1894) (-)

Ion 100.00 (99.70 to 100.70): VU029029.D (-1894) (-)

Time-->



Time-->



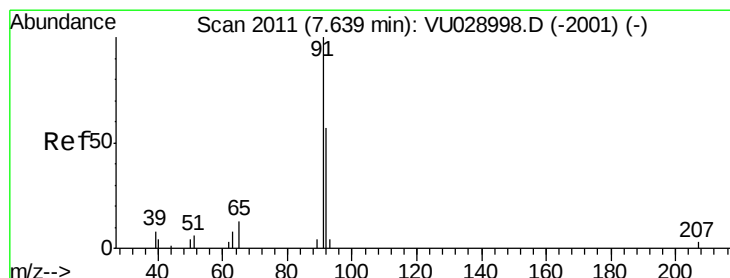
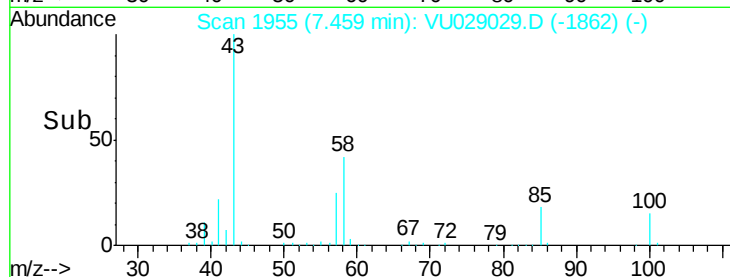
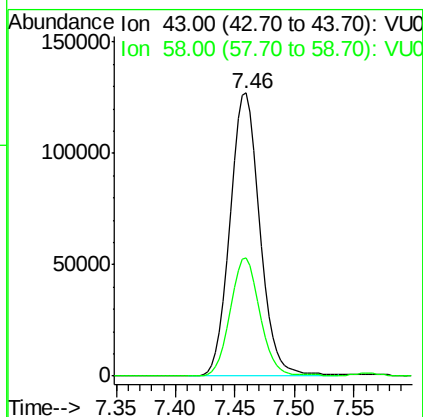
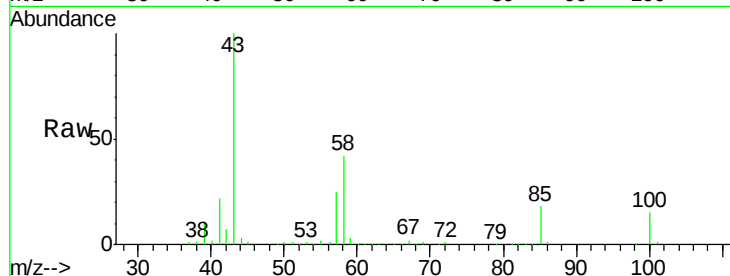
#51
4-Methyl-2-Pentanone
Concen: 103.571 ug/l
RT: 7.46 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.7	33.9	50.9

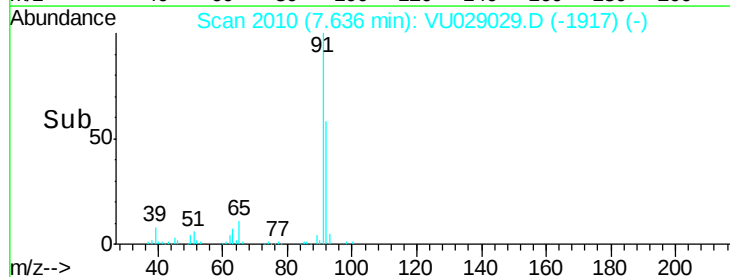
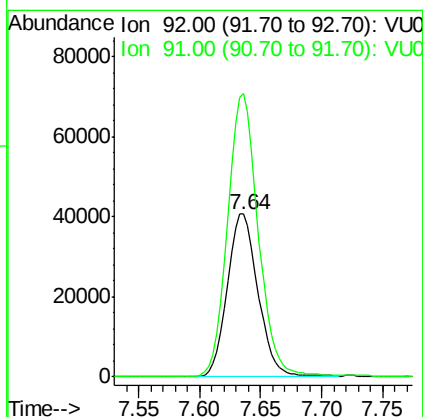
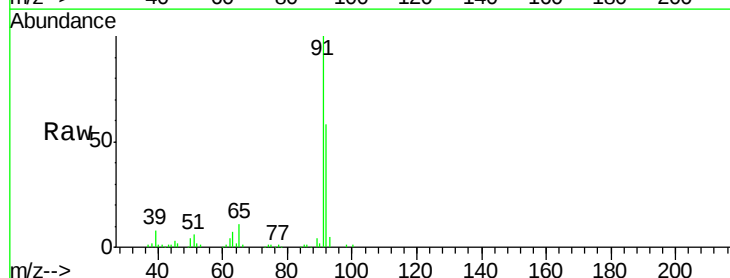
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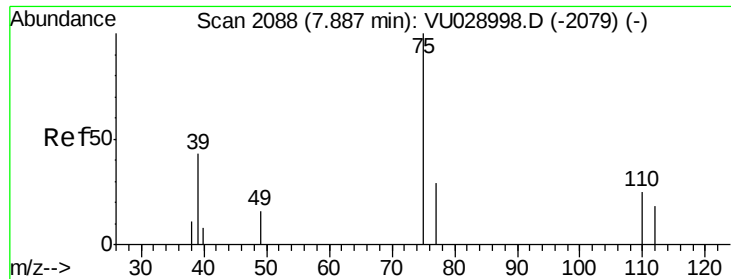
MMDadoda
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#52
Toluene
Concen: 20.268 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.4	139.8	209.8





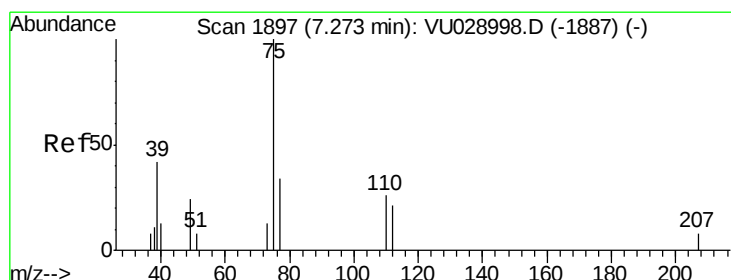
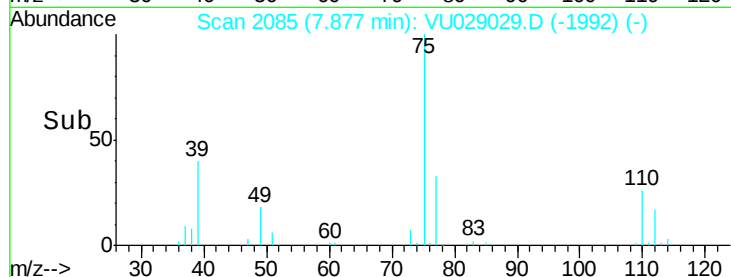
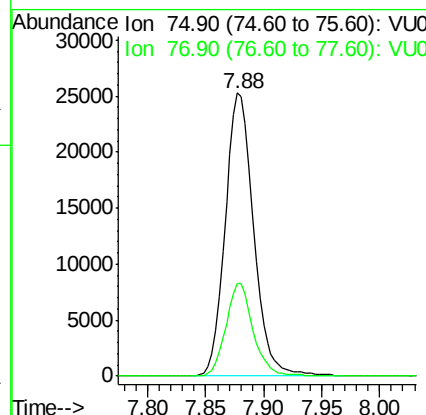
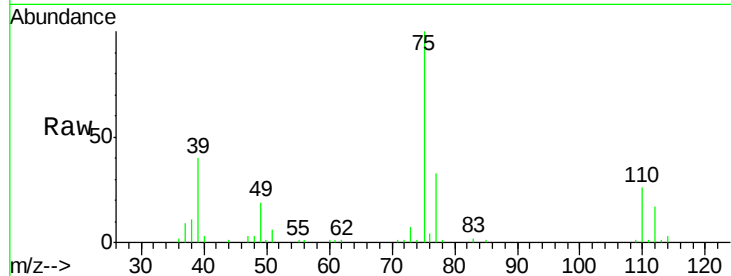
#53
t-1,3-Dichloropropene
Concen: 19.779 ug/l
RT: 7.88 min Scan# 2085
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBSD01

Tot Ion: 75 Resp: 43101
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.4

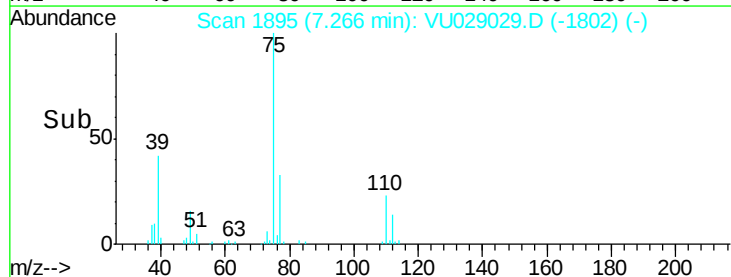
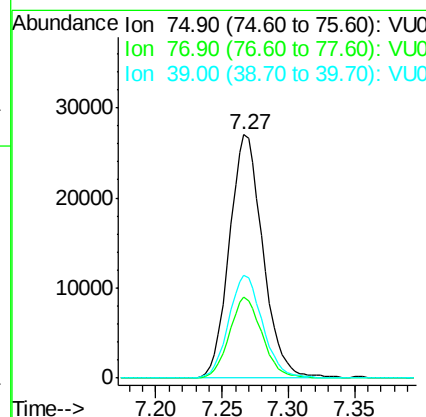
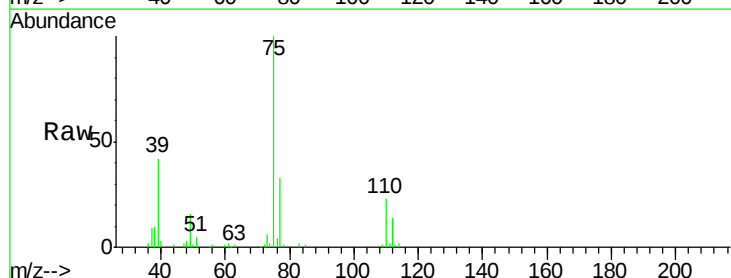
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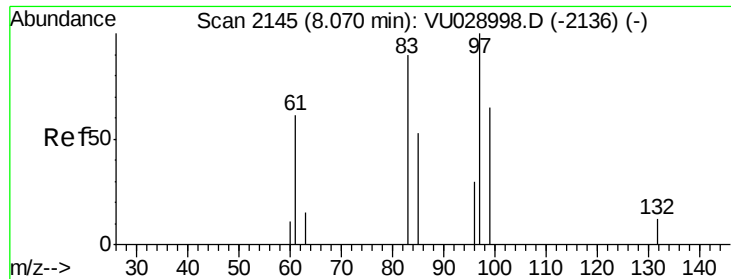
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 20.140 ug/l
RT: 7.27 min Scan# 1895
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Tgt Ion: 75 Resp: 47423
Ion Ratio Lower Upper
75 100
77 33.0 25.0 37.6
39 42.1 32.2 48.4





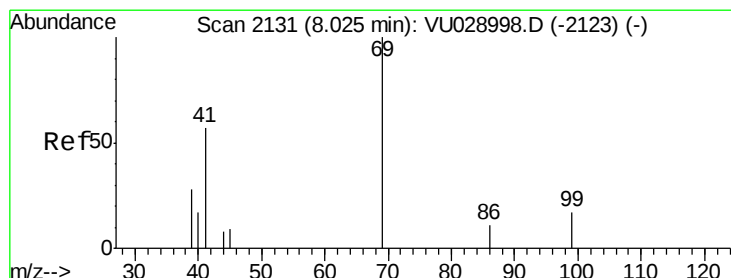
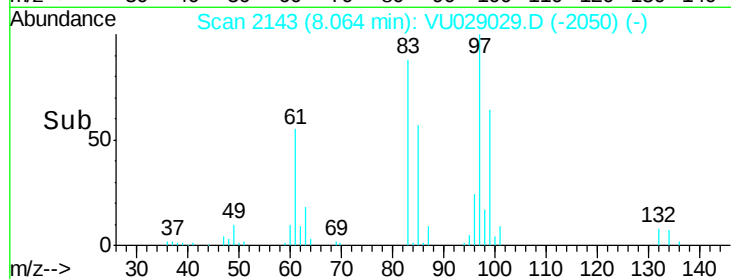
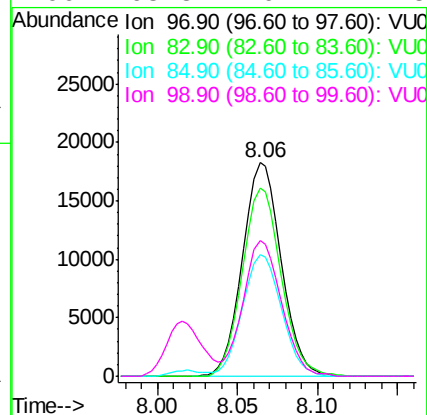
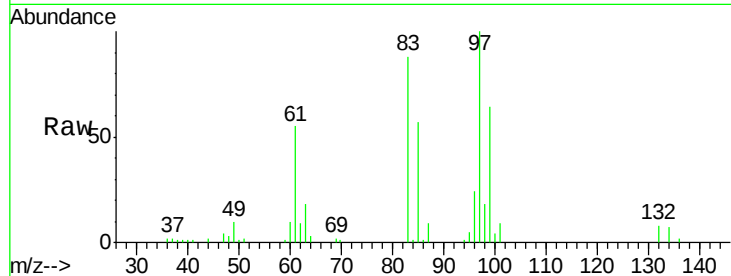
#55
 1,1,2-Trichloroethane
 Concen: 21.137 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VU029029.D
 Acq: 04 Jan 2019 15:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0105WBSD01

Tot Ion:	97	Resp:	30086
Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.8	104.8
85	57.0	47.3	70.9
99	63.8	49.7	74.5

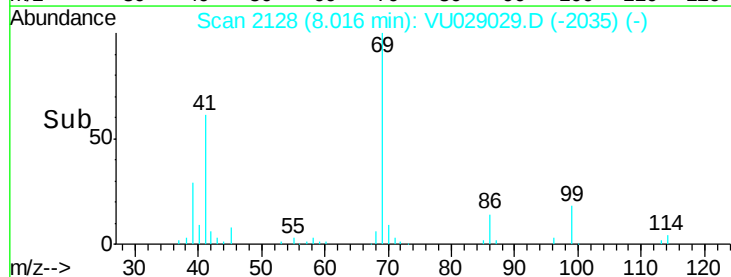
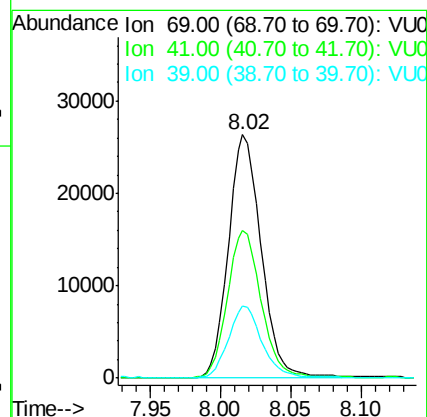
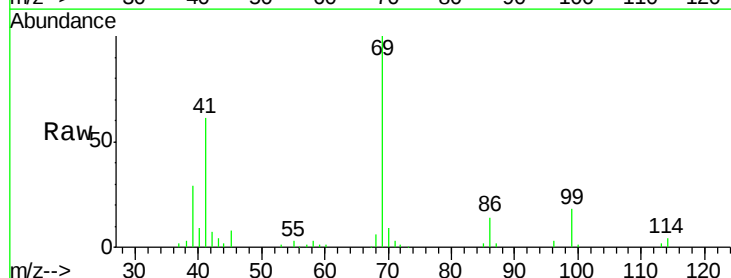
Manual Integrations
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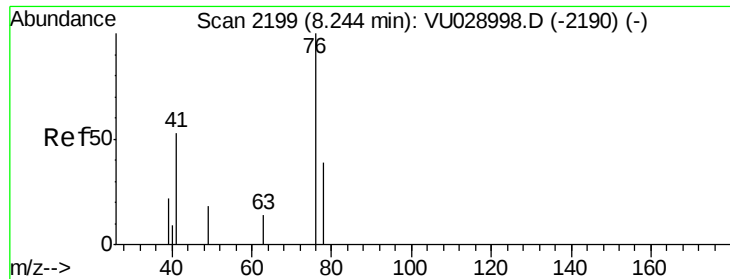
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#56
 Ethyl methacrylate
 Concen: 19.604 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: VU029029.D
 Acq: 04 Jan 2019 15:52

Tgt Ion:	69	Resp:	42989
Ion	Ratio	Lower	Upper
69	100		
41	62.8	47.5	71.3
39	30.1	22.5	33.7





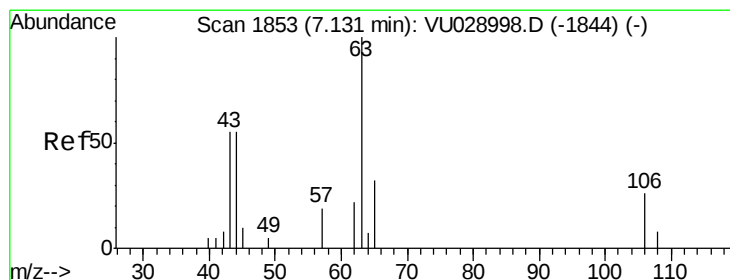
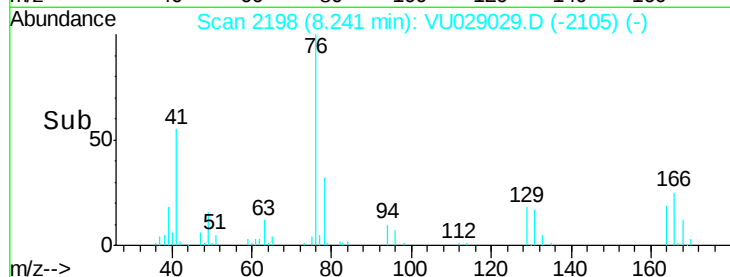
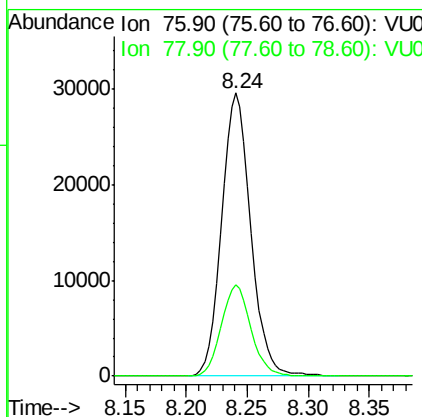
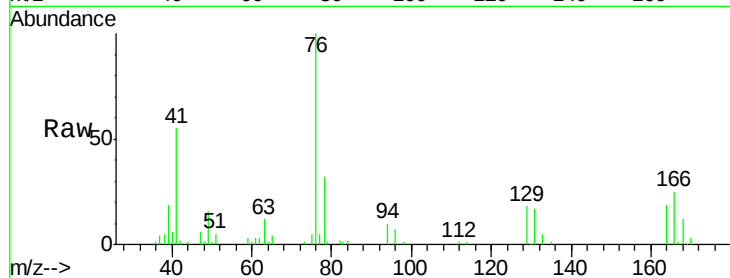
#57
 1,3-Dichloropropane
 Concen: 20.380 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU029029.D
 Acq: 04 Jan 2019 15:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0105WBSD01

Tot Ion: 76 Resp: 49637
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.0 39.0

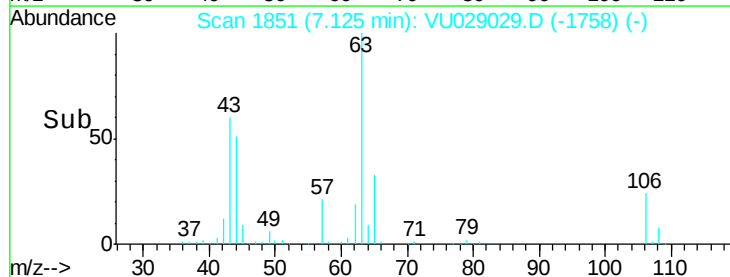
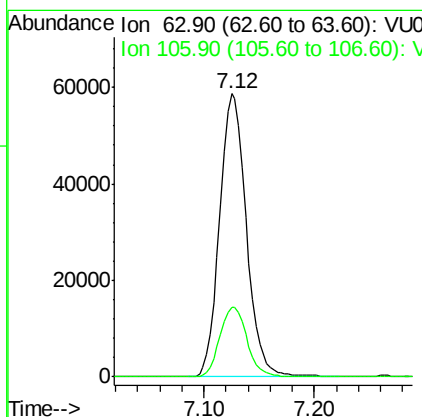
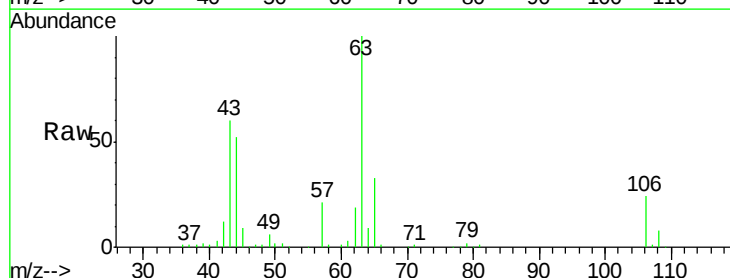
Manual Integrations
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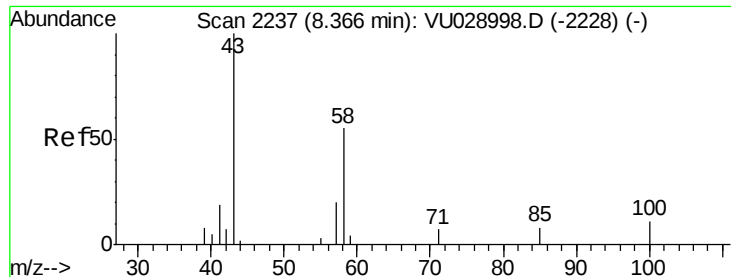
MMDadoda
 1/7/2019 12:49:02 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.431 ug/l
 RT: 7.12 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VU029029.D
 Acq: 04 Jan 2019 15:52

Tgt Ion: 63 Resp: 98783
 Ion Ratio Lower Upper
 63 100
 106 25.1 20.6 31.0





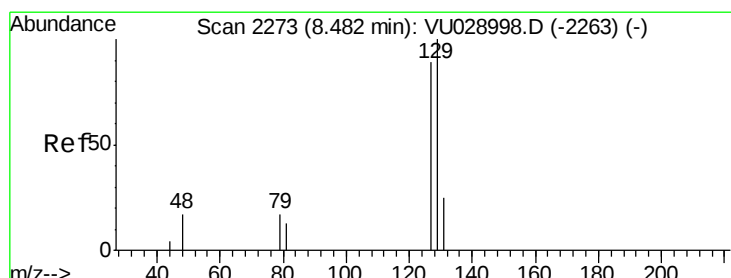
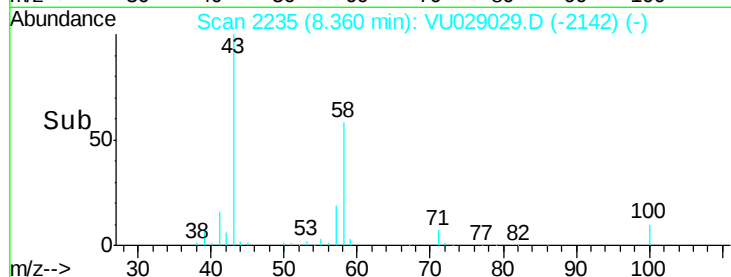
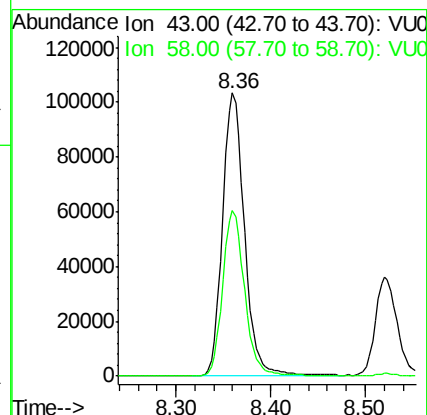
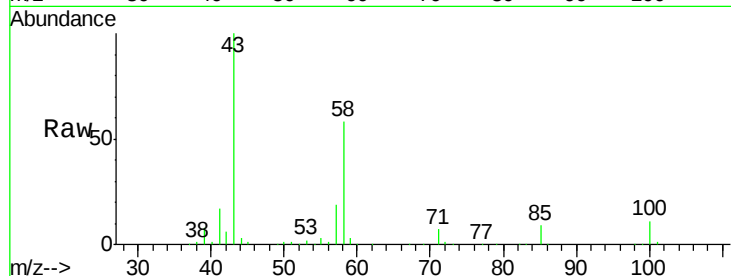
#59
2-Hexanone
Concen: 99.462 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBSD01

Tot Ion: 43 Resp: 167398
Ion Ratio Lower Upper
43 100
58 58.2 29.8 89.4

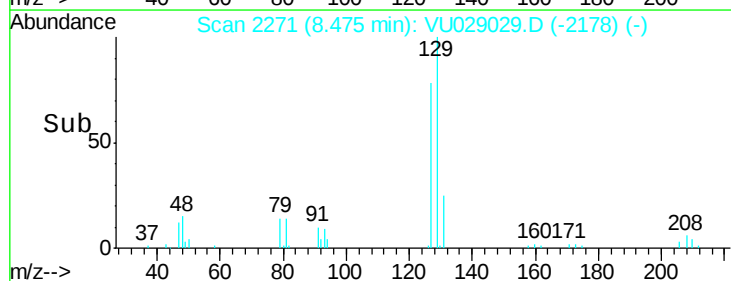
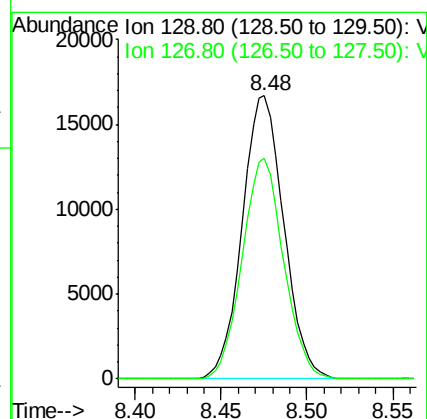
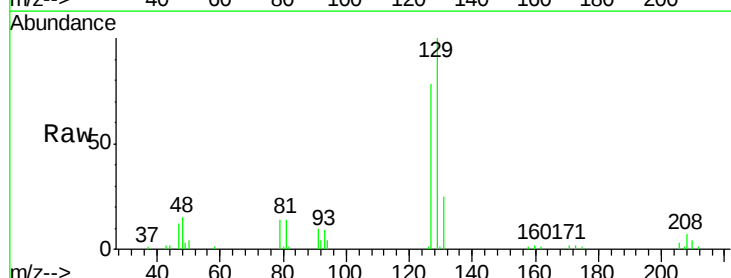
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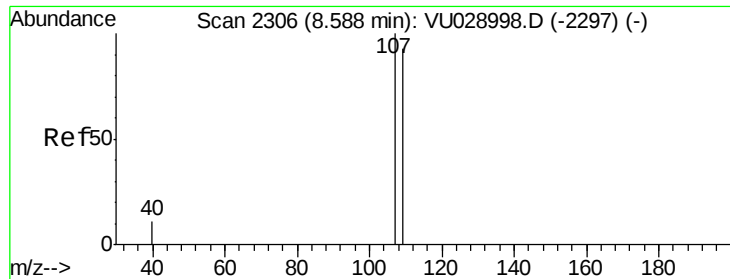
MMDadoda
1/7/2019 12:49:02 PM



#60
Dibromochloromethane
Concen: 19.898 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Tgt Ion: 129 Resp: 28059
Ion Ratio Lower Upper
129 100
127 77.3 38.0 114.0





#61

1,2-Dibromoethane

Concen: 20.290 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Instrument :

MSVOA_U

ClientSampleId :

VU0105WBSD01

Tot Ion:107 Resp: 31323

Ion Ratio Lower Upper

107 100

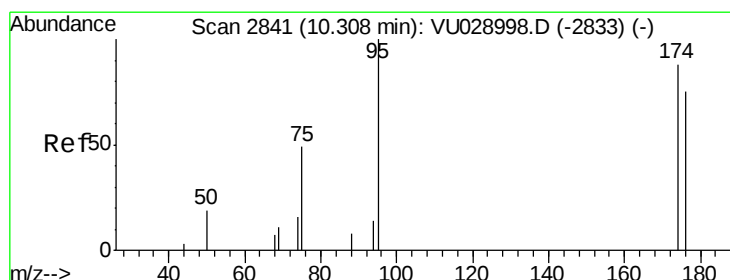
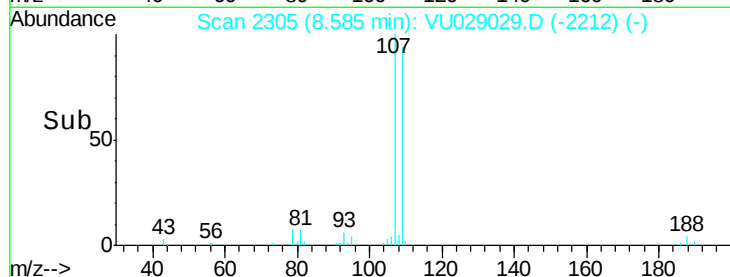
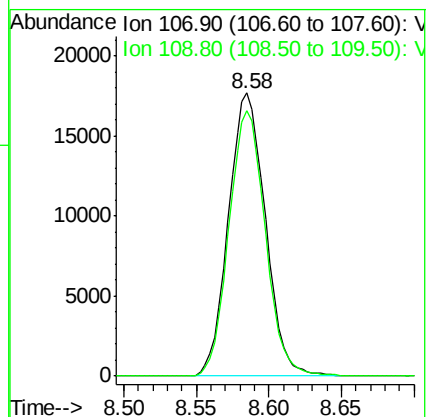
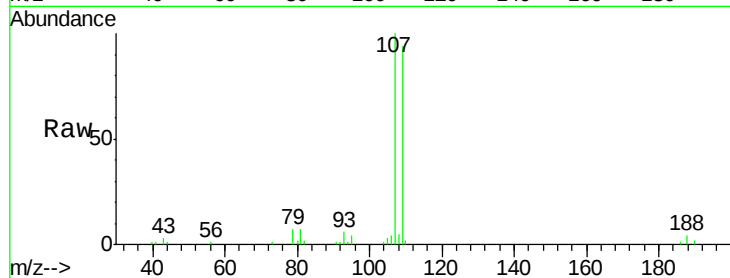
109 92.2 75.5 113.3

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 48.656 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

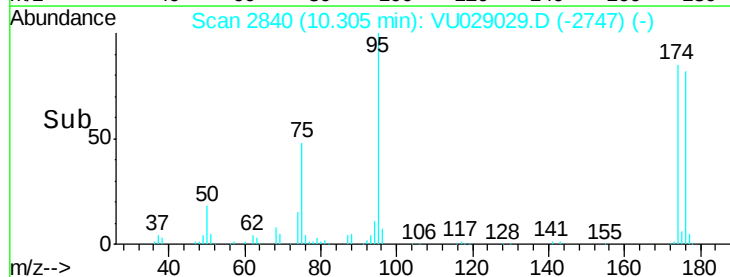
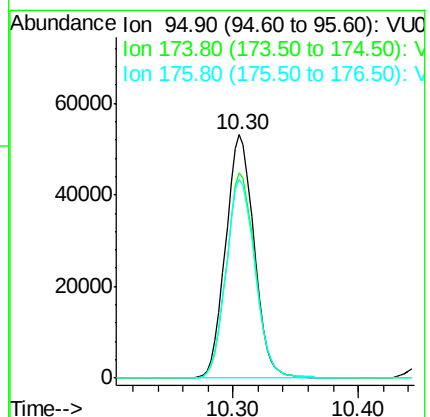
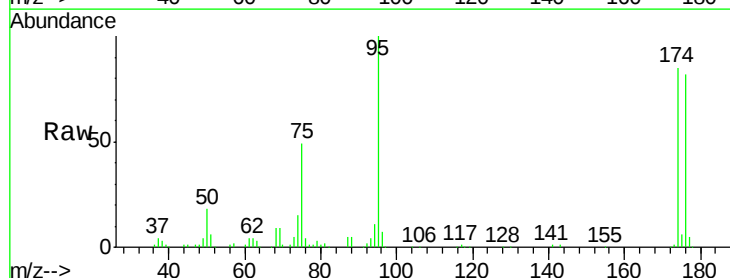
Tgt Ion: 95 Resp: 83766

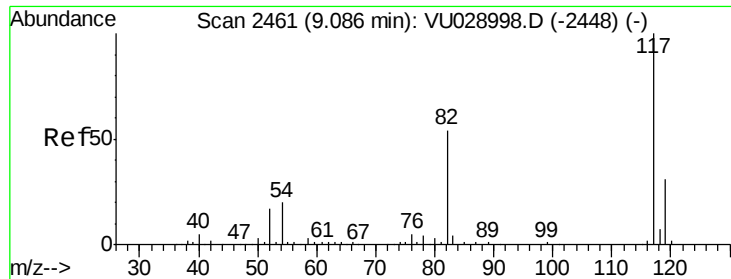
Ion Ratio Lower Upper

95 100

174 85.1 0.0 170.6

176 83.5 0.0 165.0





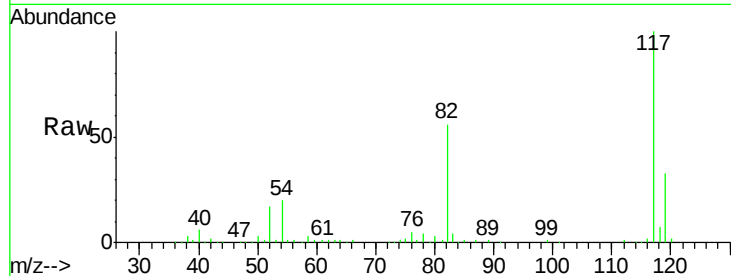
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	177919		
82	55.7	43.9	65.9	
119	32.9	26.0	39.0	

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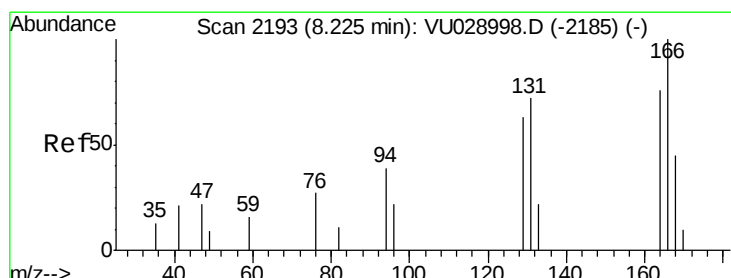
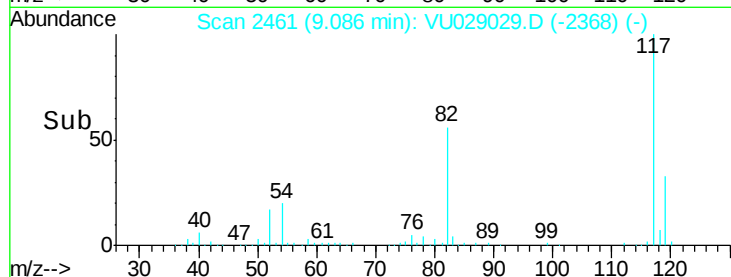
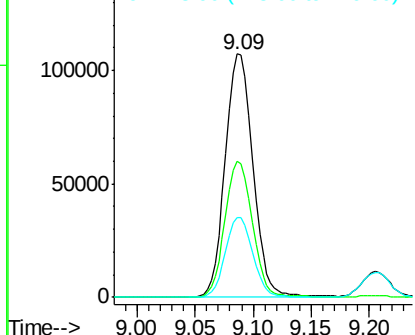


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.259 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	24683		
166	128.8	99.4	149.0	
129	93.0	70.5	105.7	
131	87.3	69.0	103.6	

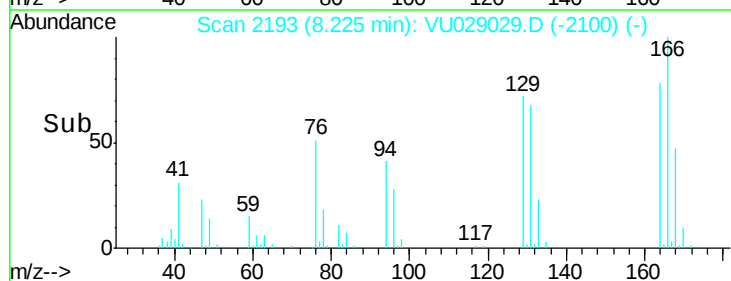
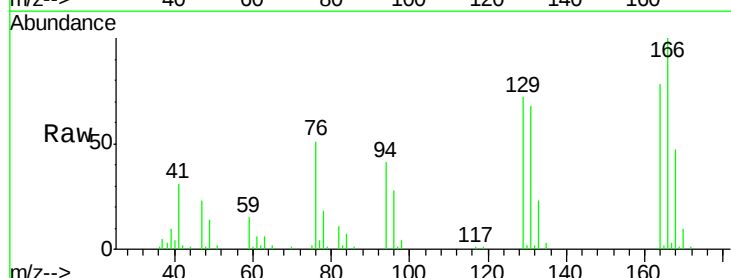
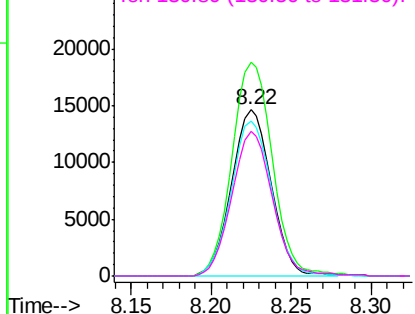
Abundance

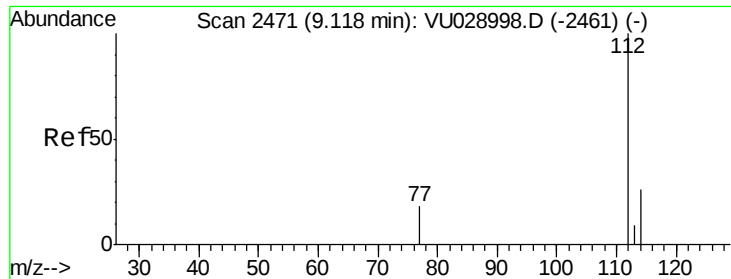
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





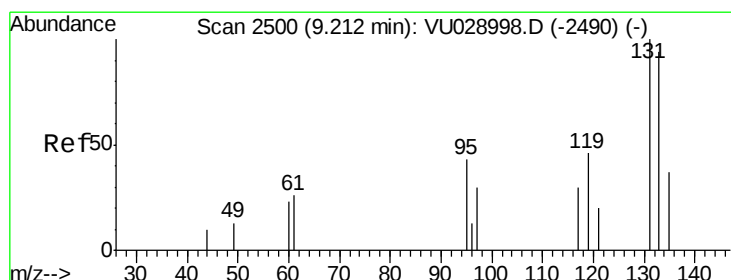
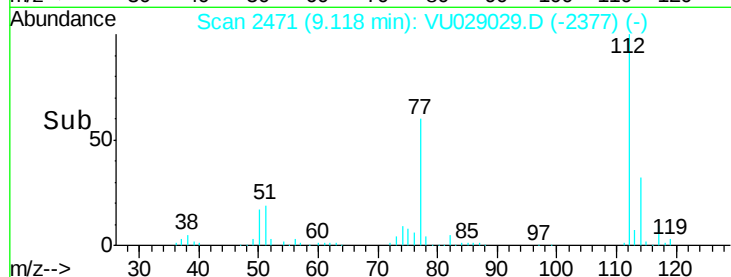
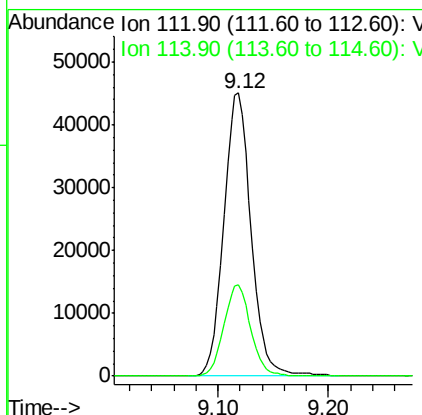
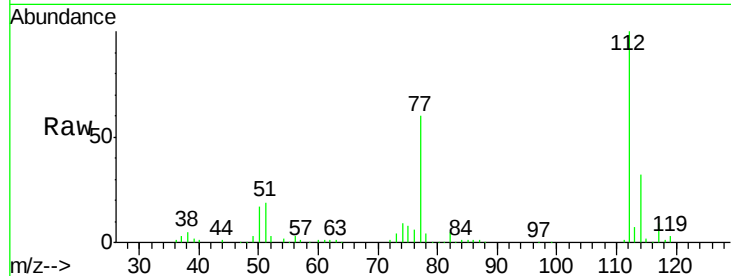
#65
Chlorobenzene
Concen: 19.452 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBSD01

Tot Ion:112 Resp: 77577
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.6

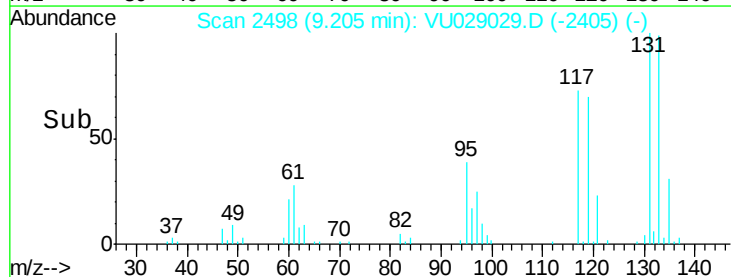
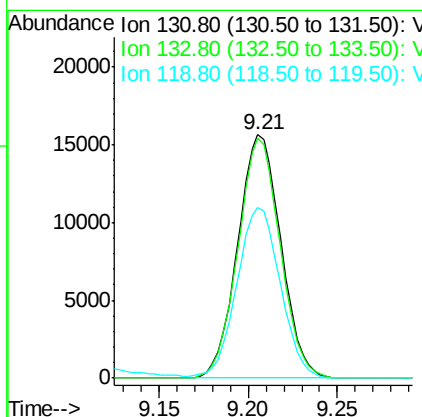
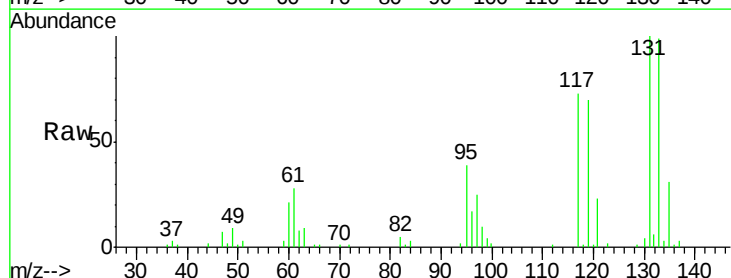
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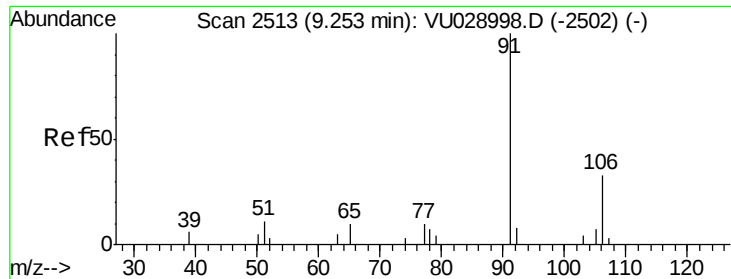
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.429 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Tgt Ion:131 Resp: 26440
Ion Ratio Lower Upper
131 100
133 96.3 48.2 144.6
119 70.8 35.4 106.3





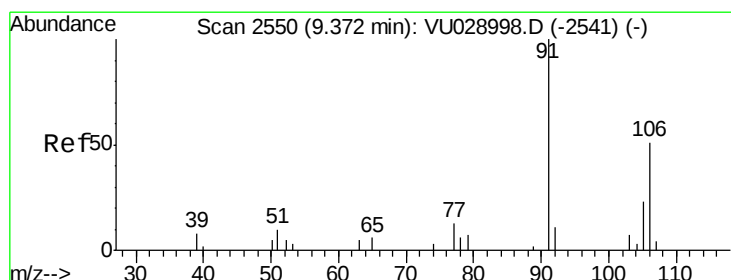
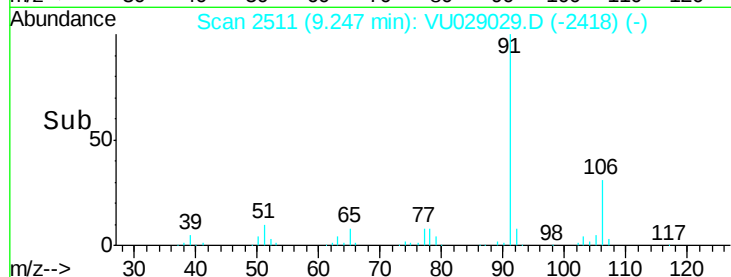
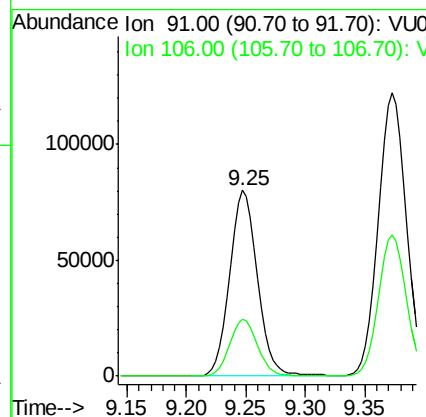
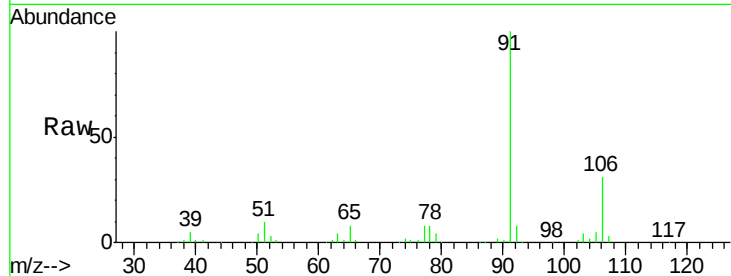
#67
Ethyl Benzene
Concen: 19.565 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBSD01

Tot Ion: 91 Resp: 130269
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.4

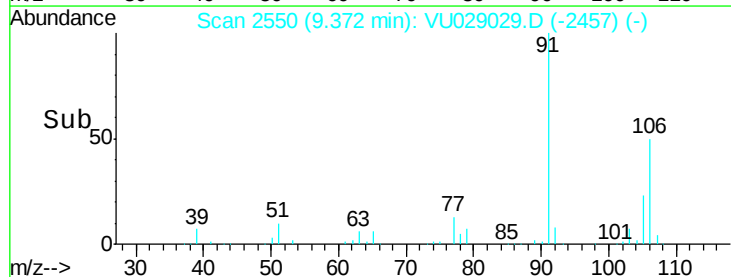
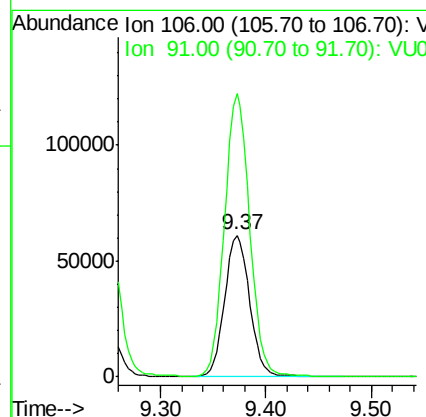
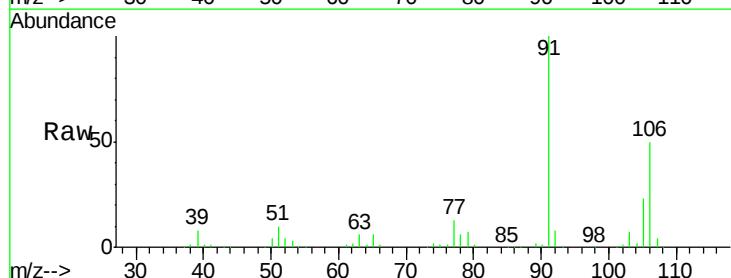
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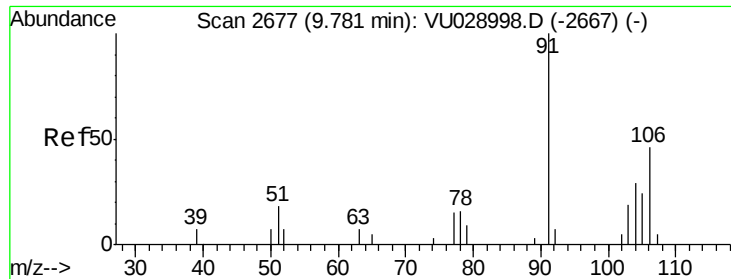
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#68
m/p-Xylenes
Concen: 38.875 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Tgt Ion: 106 Resp: 100575
Ion Ratio Lower Upper
106 100
91 201.1 161.7 242.5





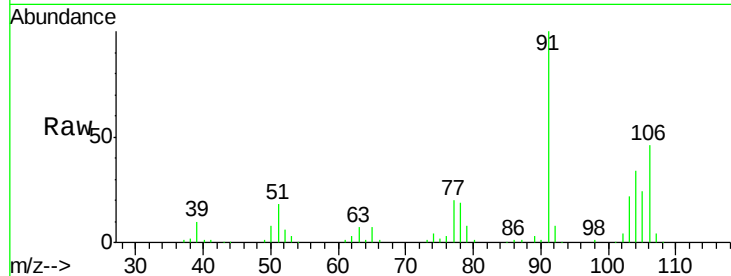
#69
o-Xylene
Concen: 19.563 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Instrument :
MSVOA_U
ClientSampleID :
VU0105WBSD01

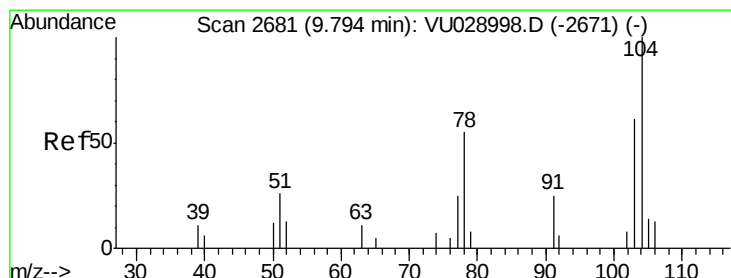
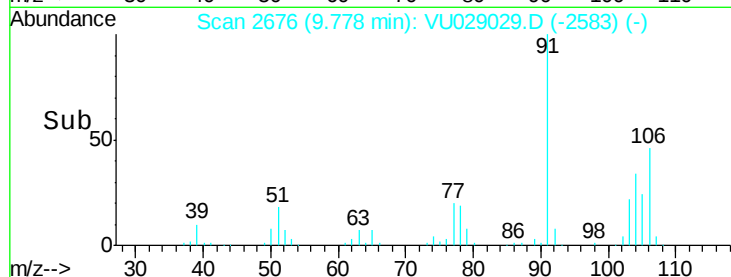
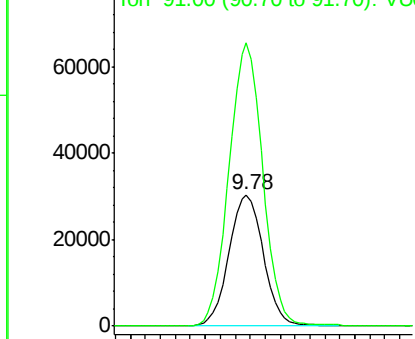
Tot Ion:106 Resp: 48765
Ion Ratio Lower Upper
106 100
91 211.4 106.1 318.3

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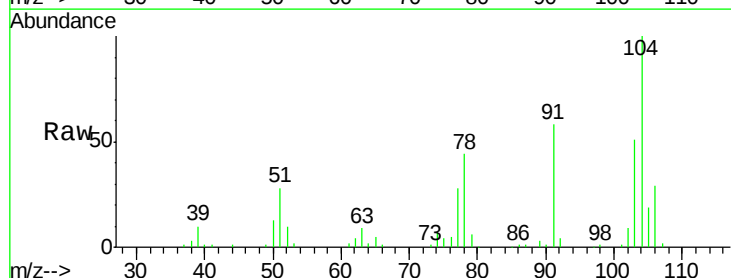


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

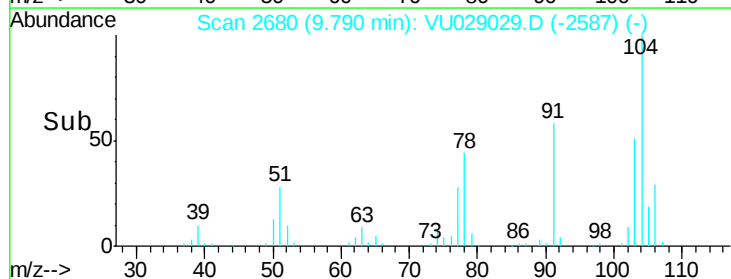
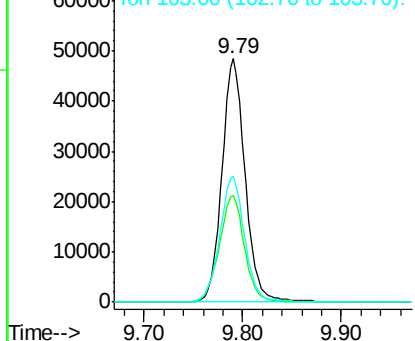


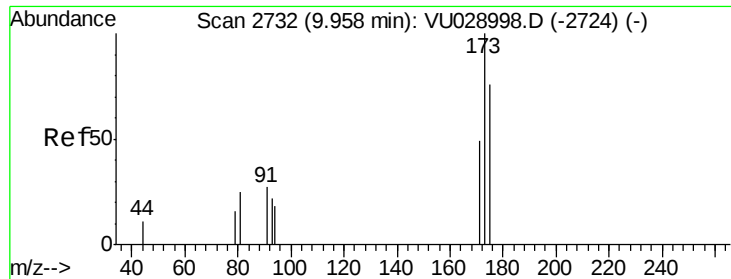
#70
Styrene
Concen: 19.596 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Tgt Ion:104 Resp: 80079
Ion Ratio Lower Upper
104 100
78 47.2 38.6 58.0
103 55.1 44.5 66.7



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





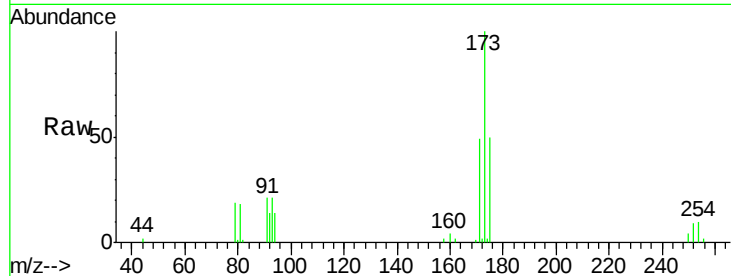
#71
Bromoform
Concen: 19.573 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBSD01

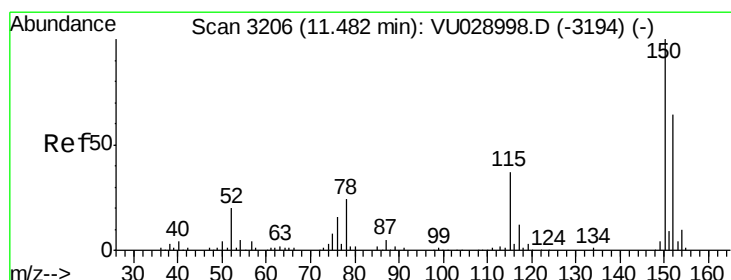
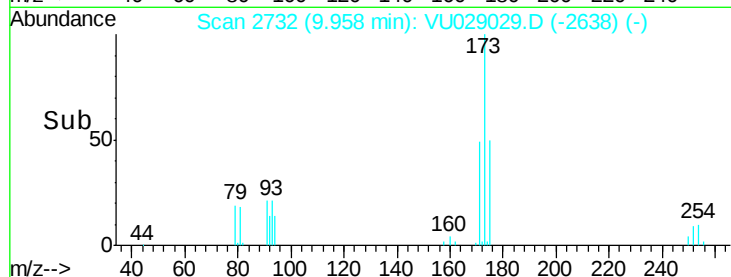
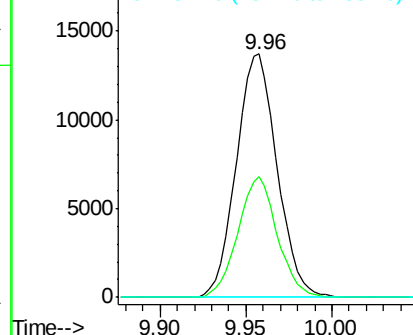
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	23.8	71.2
254	0.0	0.0	0.0

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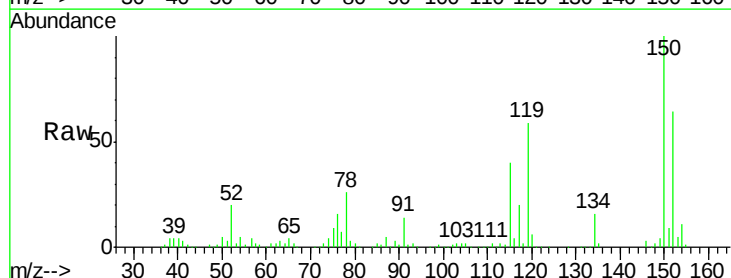


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

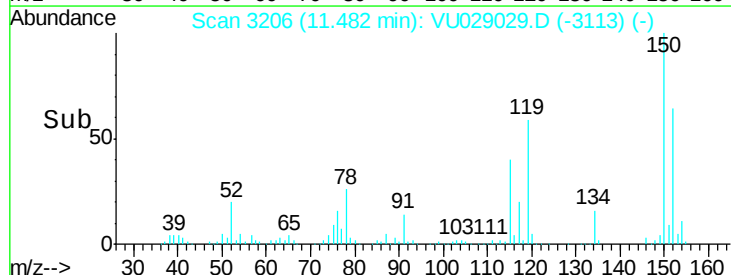
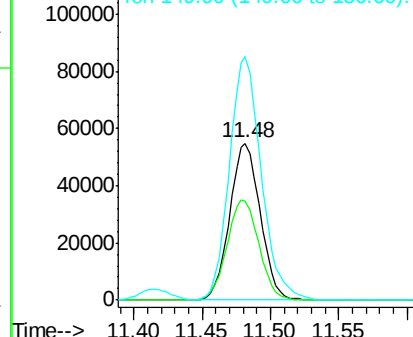


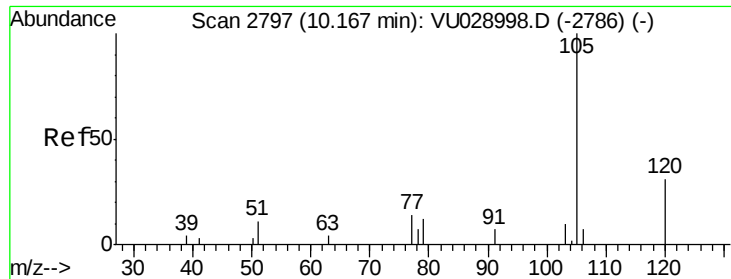
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.7	40.1	120.3
150	161.2	0.0	345.2



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





#73

Isopropylbenzene

Concen: 20.036 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Instrument :

MSVOA_U

ClientSampleId :

VU0105WBSD01

Tot Ion: 105 Resp: 126518

Ion Ratio Lower Upper

105 100

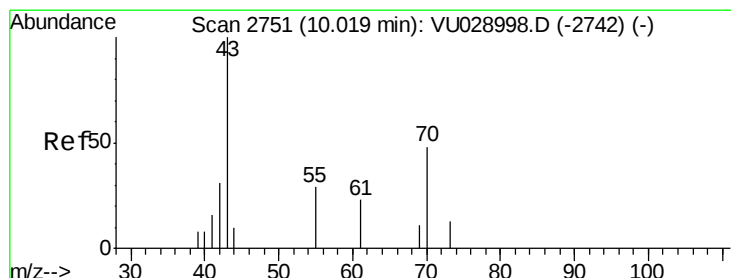
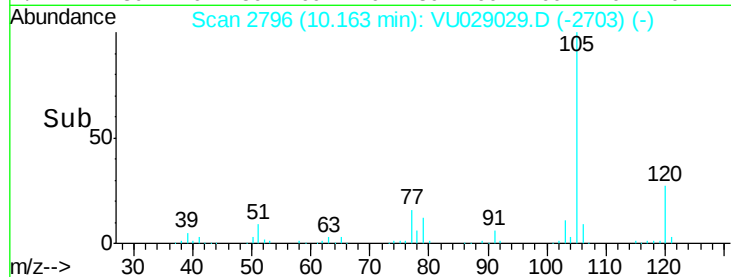
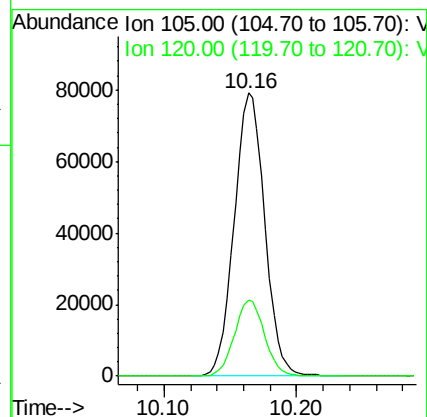
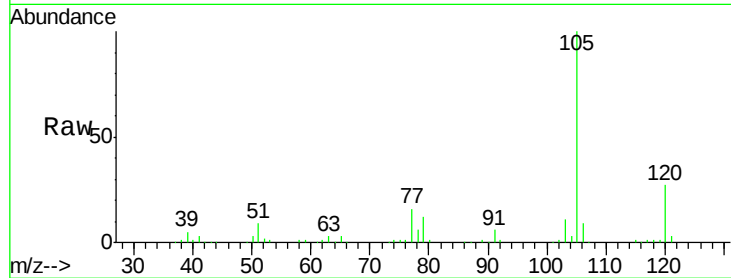
120 26.5 13.2 39.5

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#74

N-ethyl acetate

Concen: 20.462 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Tgt Ion: 43 Resp: 55677

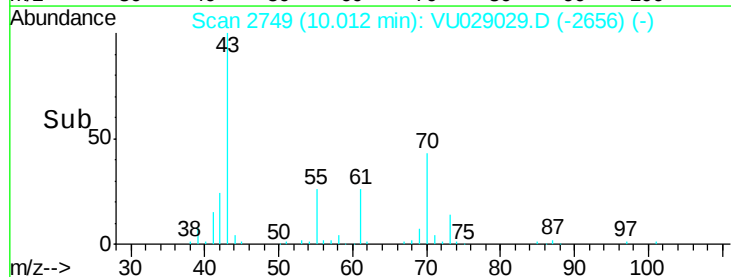
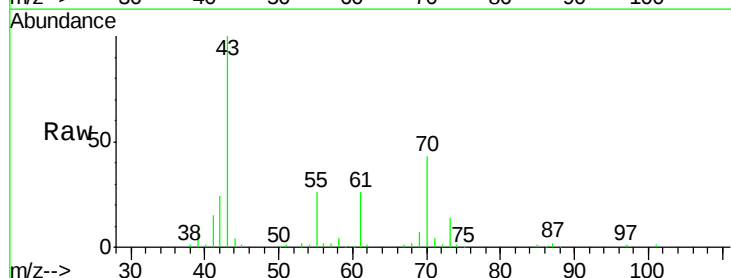
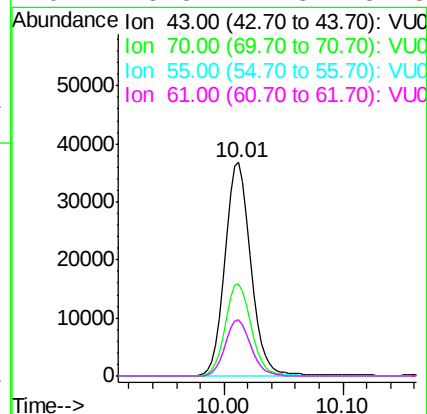
Ion Ratio Lower Upper

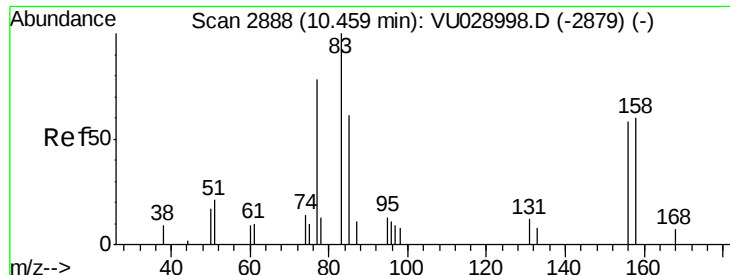
43 100

70 43.3 36.3 54.5

55 26.2 20.5 30.7

61 25.8 21.8 32.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.332 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Instrument :

MSVOA_U

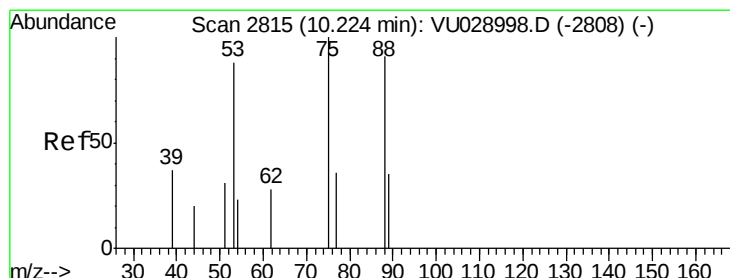
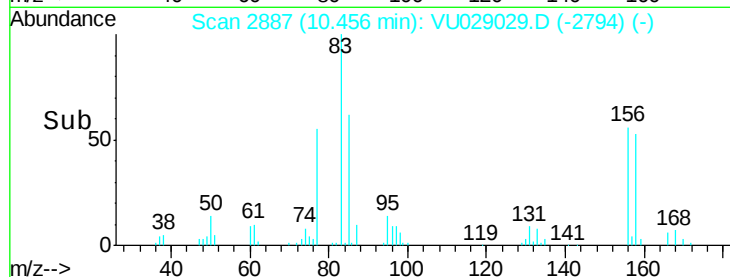
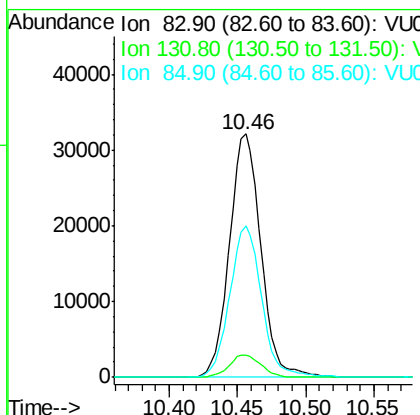
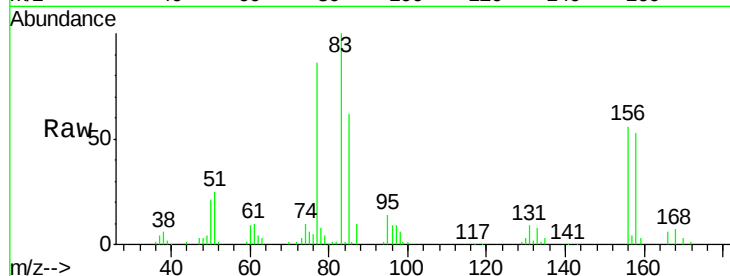
ClientSampleId :

VU0105WBSD01

Tot Ion:	83	Resp:	51455
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.7	14.1
85	63.1	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.322 ug/l m

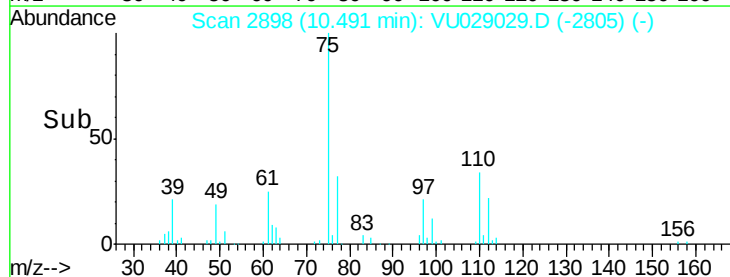
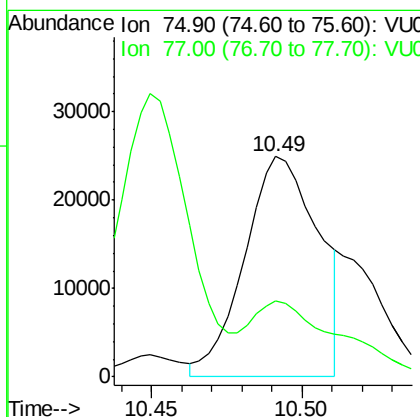
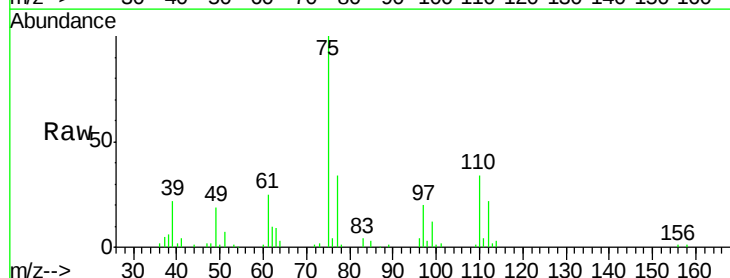
RT: 10.49 min Scan# 2898

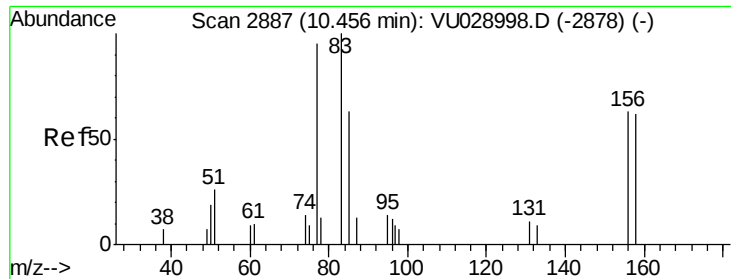
Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Tgt Ion:	75	Resp:	42478
Ion Ratio	Lower	Upper	
75	100		
77	41.9	20.9	62.8





#77

Bromobenzene

Concen: 19.683 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Instrument :

MSVOA_U

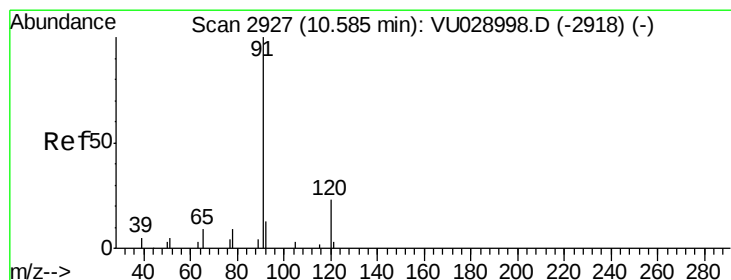
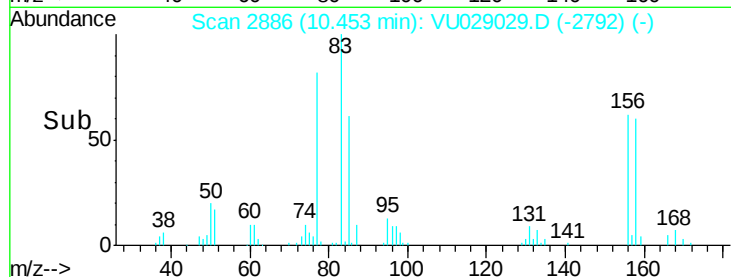
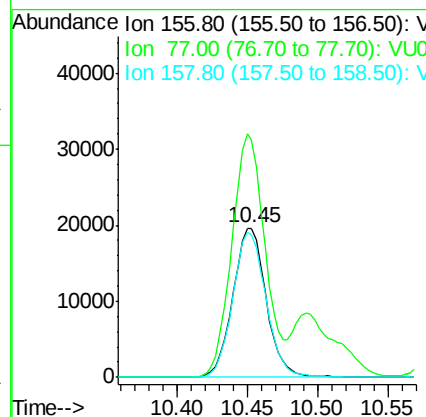
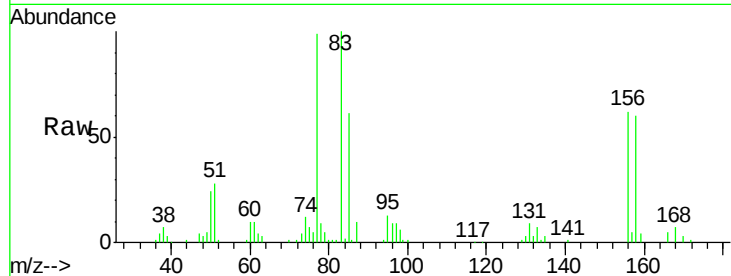
ClientSampleId :

VU0105WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	161.4	79.0	237.2
158	97.5	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.074 ug/l

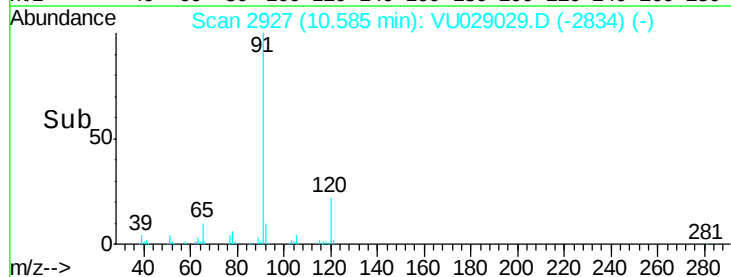
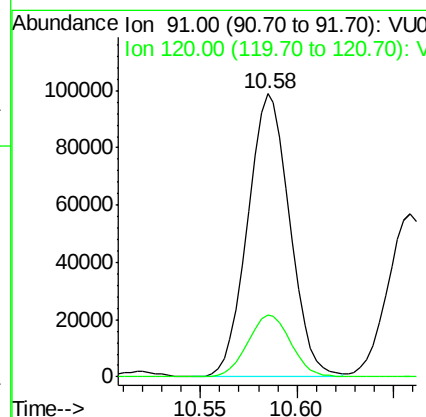
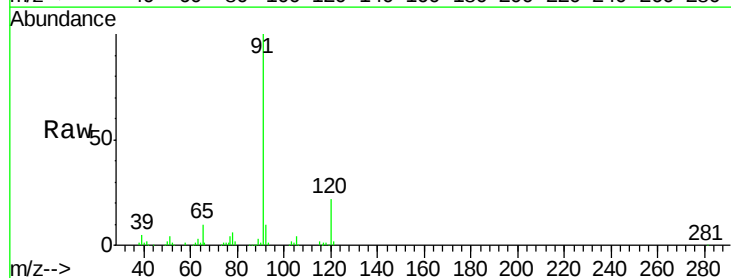
RT: 10.58 min Scan# 2927

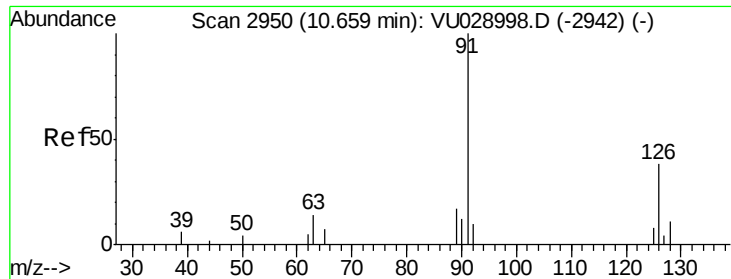
Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.9





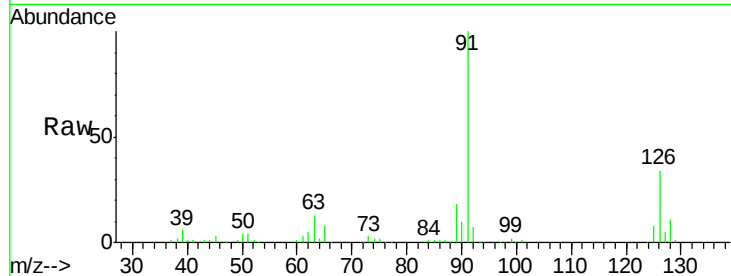
#79
 2-Chlorotoluene
 Concen: 20.180 ug/l
 RT: 10.66 min Scan# 2950
 Delta R.T. 0.00 min
 Lab File: VU029029.D
 Acq: 04 Jan 2019 15:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0105WBSD01

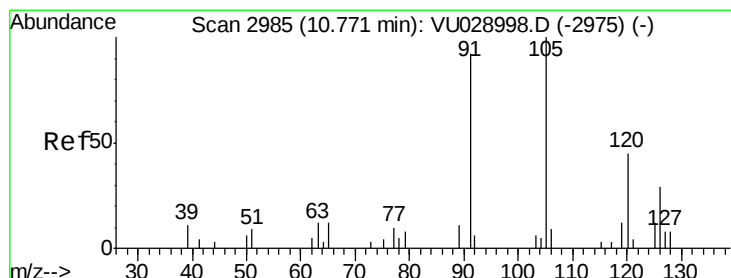
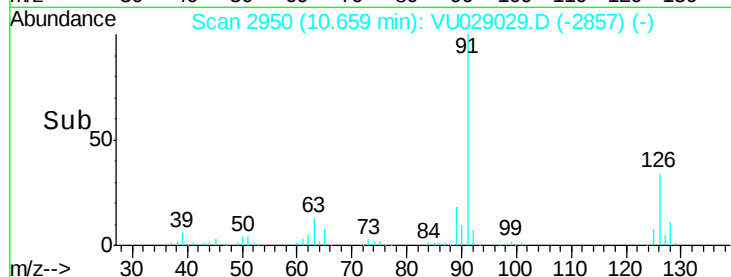
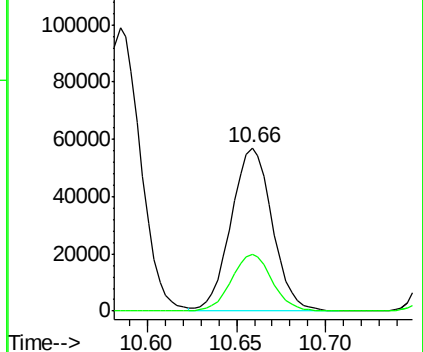
Tot Ion: 91 Resp: 91094
 Ion Ratio Lower Upper
 91 100
 126 34.6 16.8 50.4

Manual Integrations
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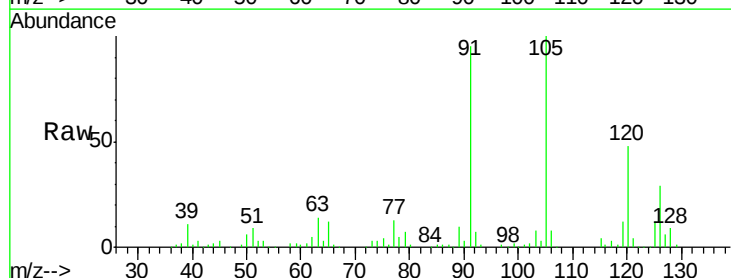


Abundance Ion 91.00 (90.70 to 91.70): VU028998.D (-2942) (-)
 Ion 125.90 (125.60 to 126.60): VU028998.D (-2942) (-)

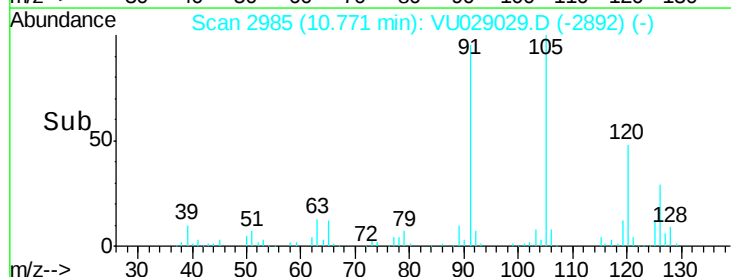
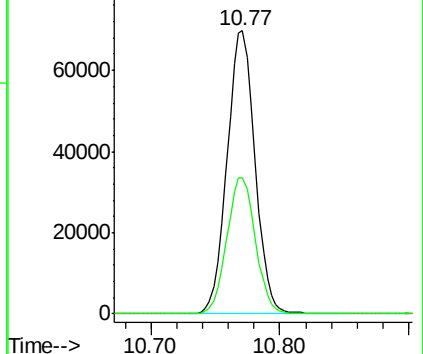


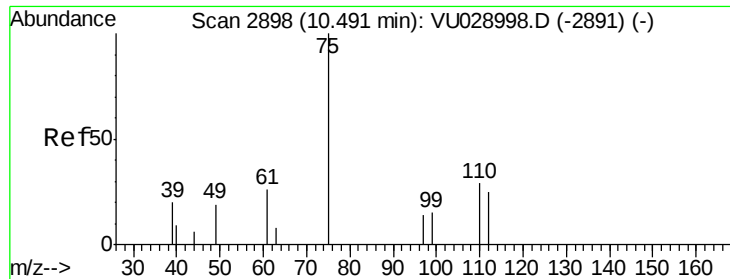
#80
 1,3,5-Trimethylbenzene
 Concen: 19.884 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU029029.D
 Acq: 04 Jan 2019 15:52

Tgt Ion: 105 Resp: 104850
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VU028998.D (-2975) (-)
 Ion 120.00 (119.70 to 120.70): VU028998.D (-2975) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.957 ug/l m

RT: 10.51 min Scan# 2904

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Instrument :

MSVOA_U

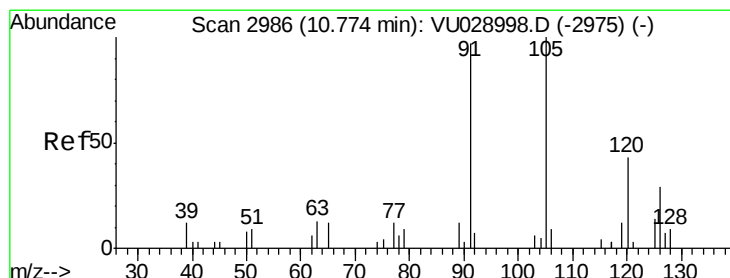
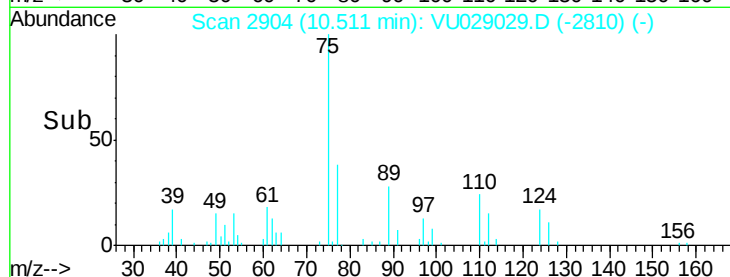
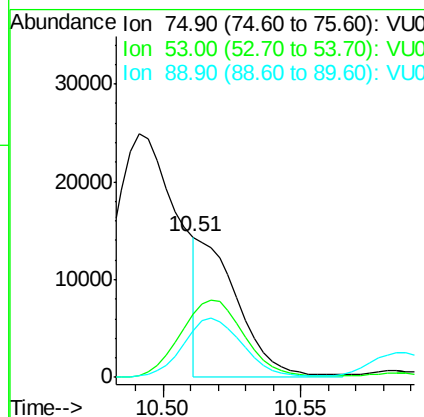
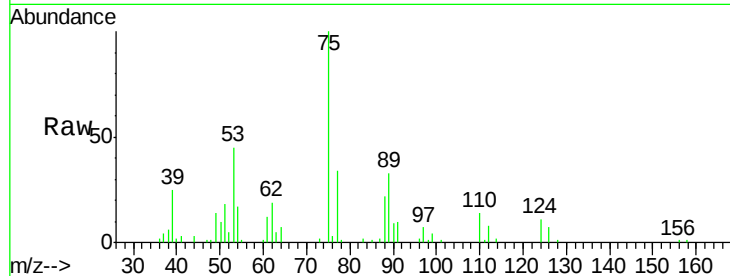
ClientSampleId :

VU0105WBSD01

Tot Ion:	75	Resp:	14554
Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.695 ug/l

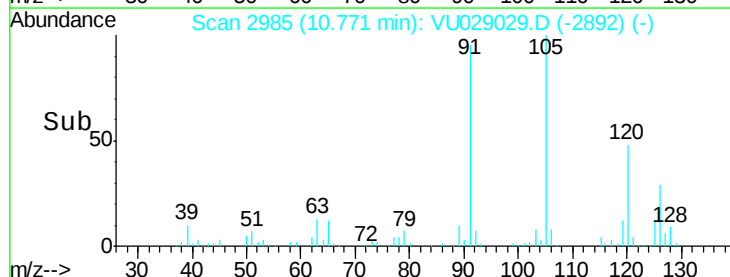
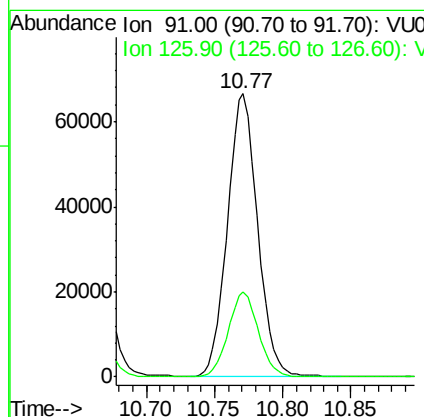
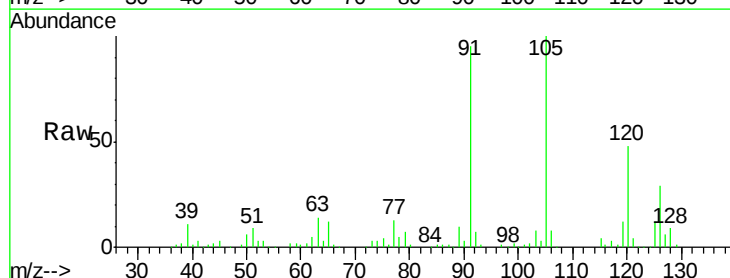
RT: 10.77 min Scan# 2985

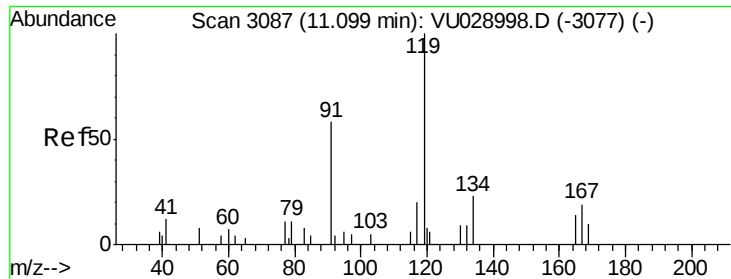
Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Tgt Ion:	91	Resp:	101945
Ion	Ratio	Lower	Upper
91	100		
126	30.1	15.5	46.5





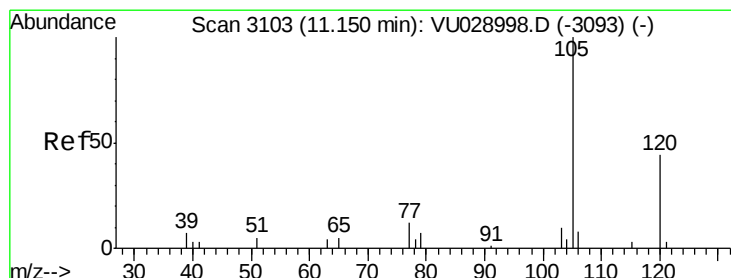
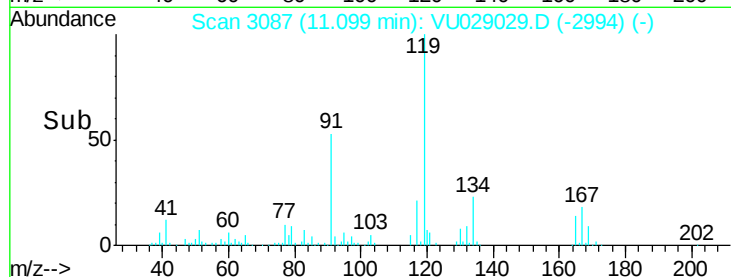
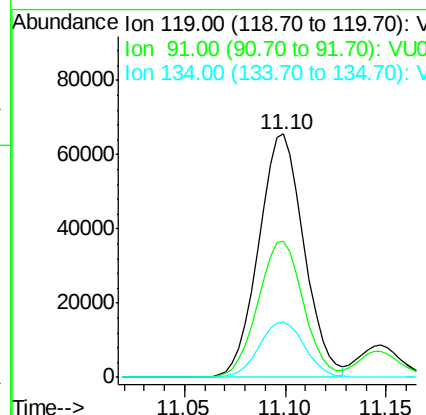
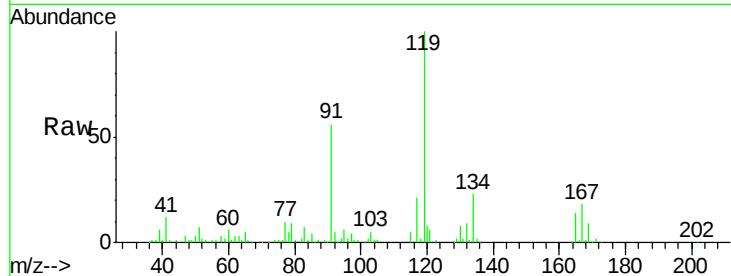
#83
tert-Butylbenzene
Concen: 19.766 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	102733		
91	56.5	28.2	84.6	
134	23.0	11.3	33.8	

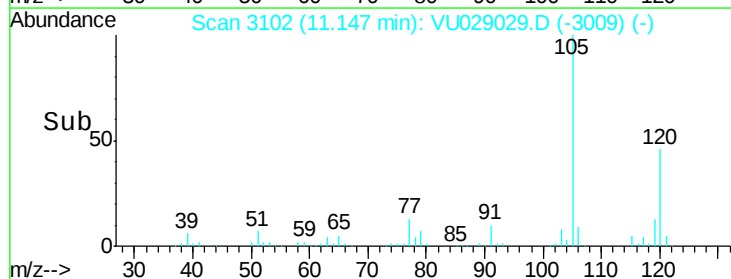
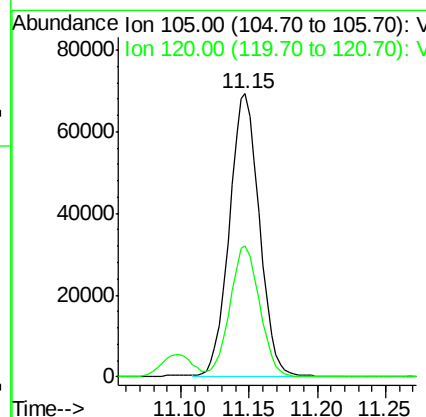
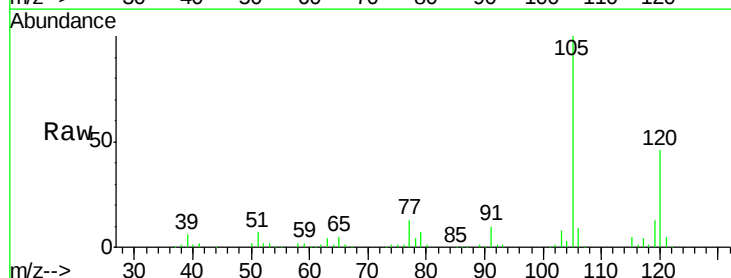
Manual Integrations
APPROVED

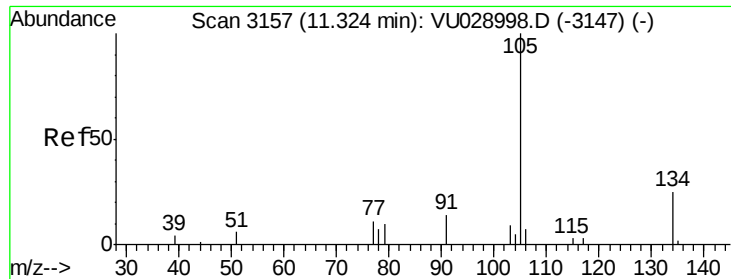
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.186 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	106272		
120	45.8	23.1	69.3	





#85

sec-Butylbenzene

Concen: 19.847 ug/l

RT: 11.32 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

Instrument :

MSVOA_U

ClientSampleId :

VU0105WBSD01

Tot Ion:105 Resp: 124752

Ion Ratio Lower Upper

105 100

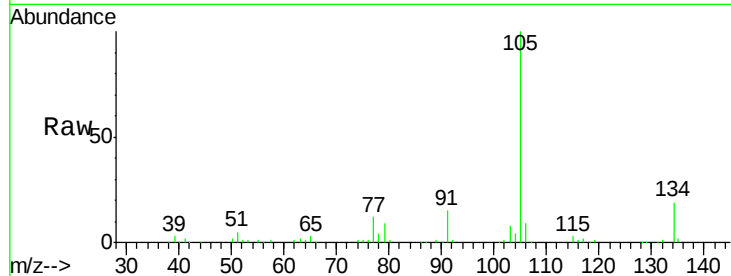
134 19.0 9.7 29.1

Manual Integrations

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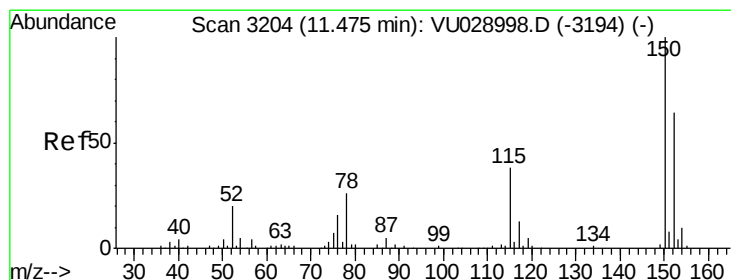
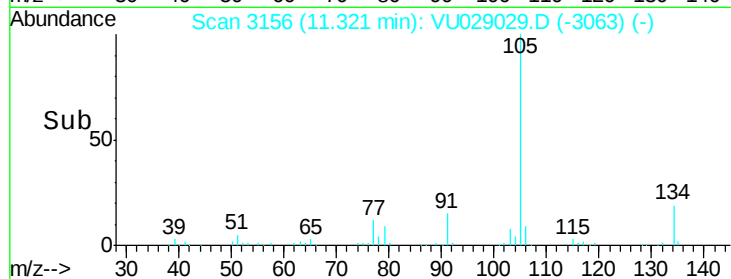
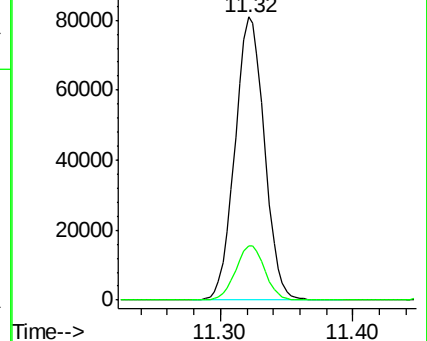
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.723 ug/l

RT: 11.47 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VU029029.D

Acq: 04 Jan 2019 15:52

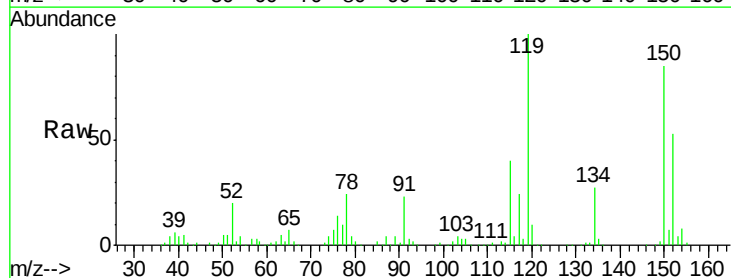
Tgt Ion:119 Resp: 105638

Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

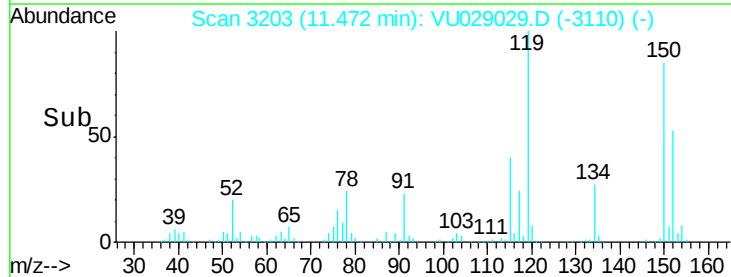
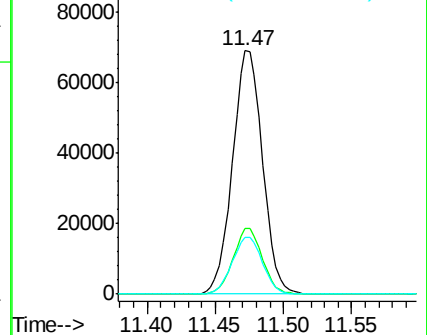
91 23.6 11.3 33.8

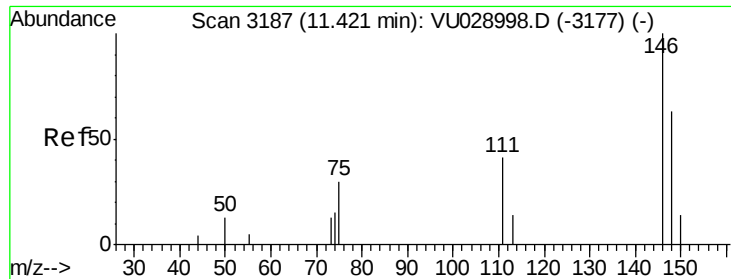


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





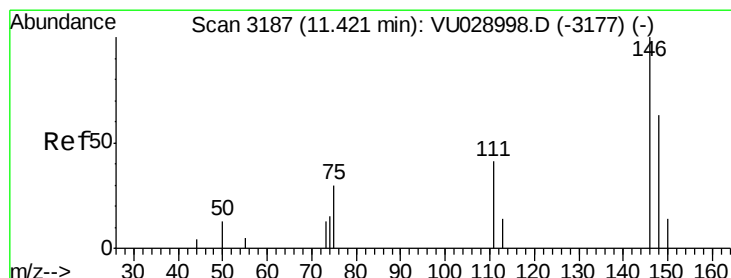
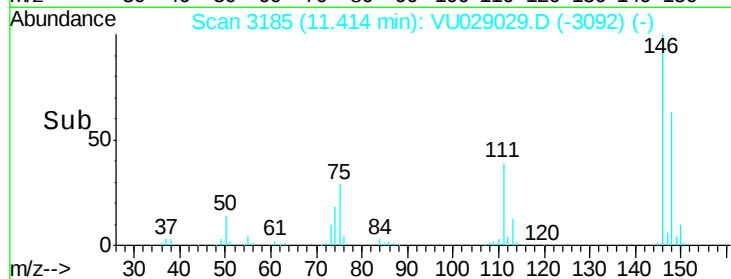
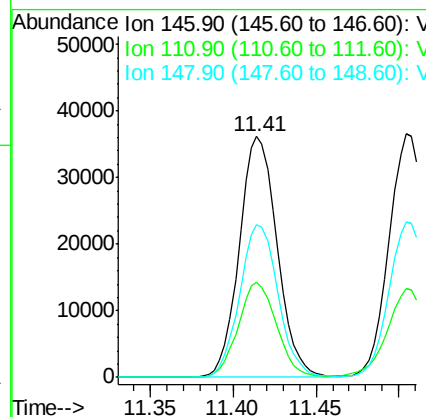
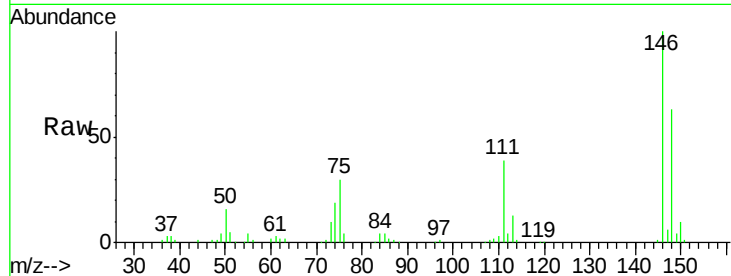
#87
 1,3-Dichlorobenzene
 Concen: 19.038 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. 0.00 min
 Lab File: VU029029.D
 Acq: 04 Jan 2019 15:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0105WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.3	57.8
148	64.3	32.5	97.5

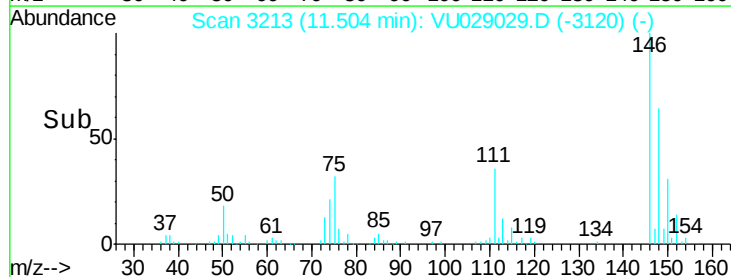
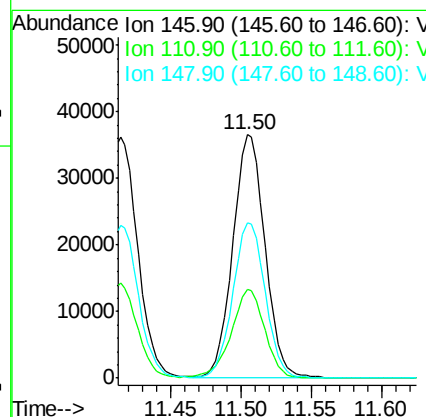
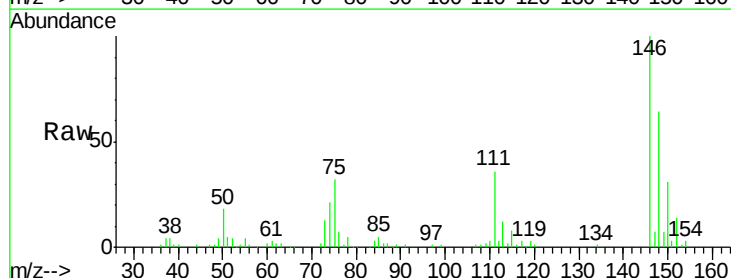
Manual Integrations
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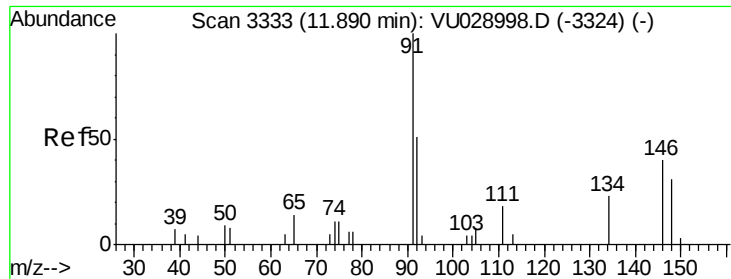
MMDadoda
 1/7/2019 12:49:02 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.803 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. 0.00 min
 Lab File: VU029029.D
 Acq: 04 Jan 2019 15:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.3
148	64.3	32.6	98.0





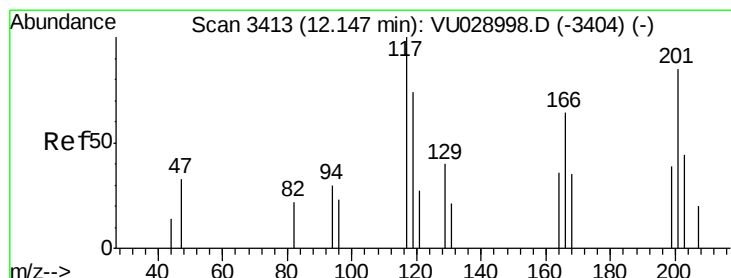
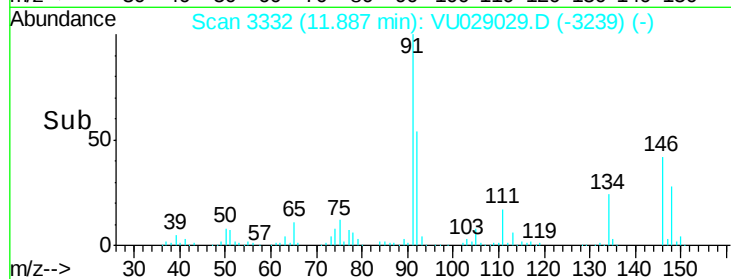
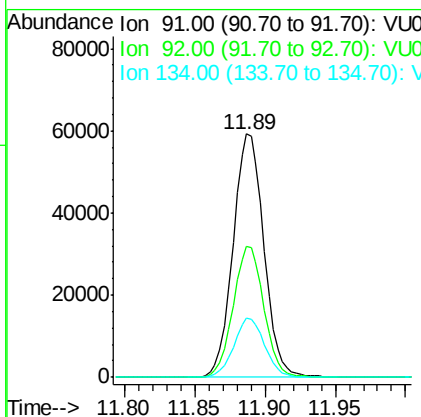
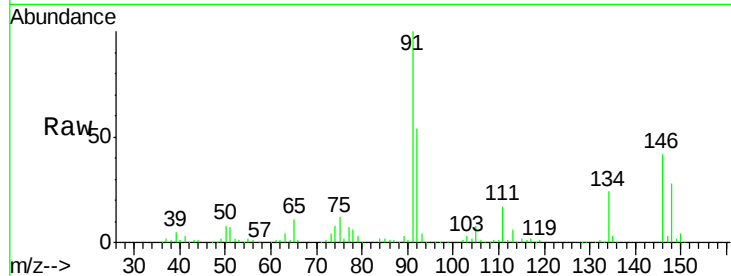
#89
n-Butylbenzene
Concen: 18.979 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.2	78.5
134	24.1	12.6	37.6

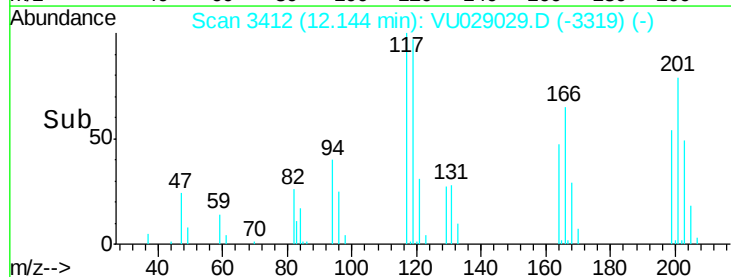
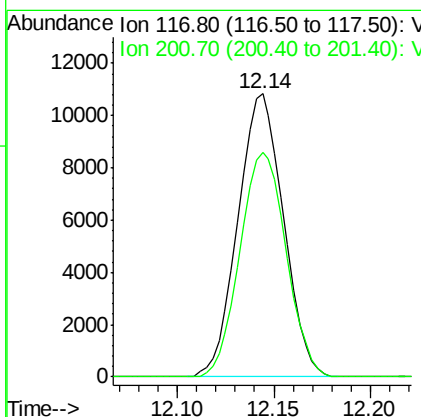
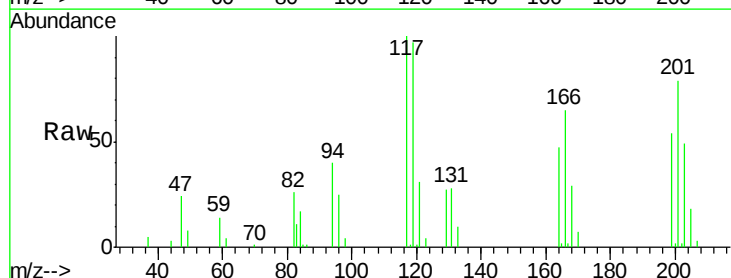
Manual Integrations
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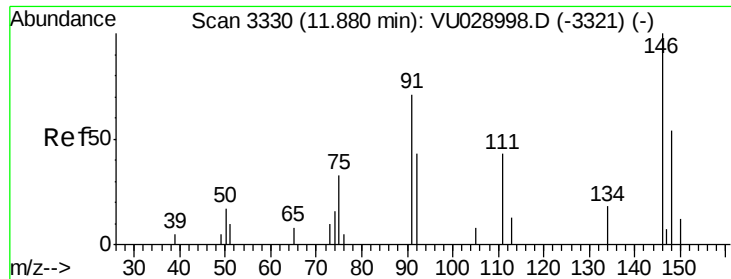
MMDadoda
1/7/2019 12:49:02 PM



#90
Hexachloroethane
Concen: 19.668 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.6	42.4	127.3





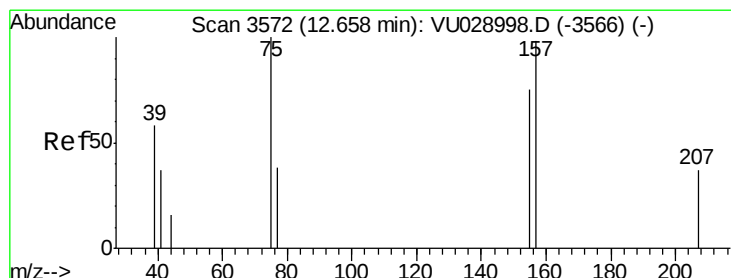
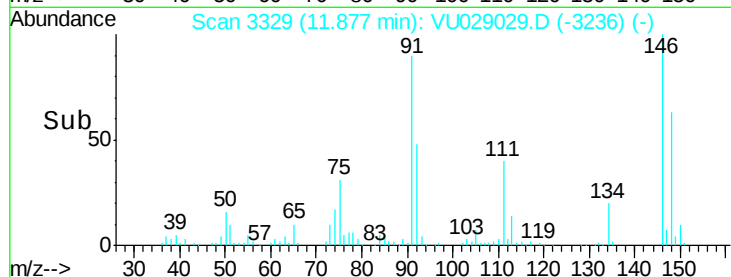
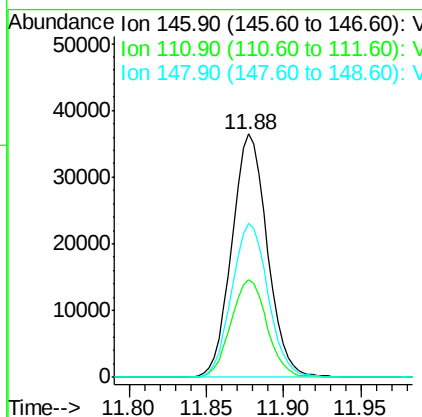
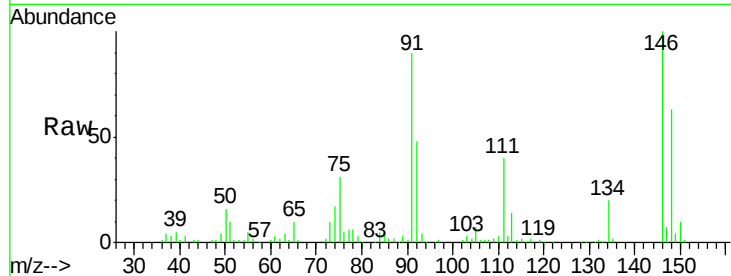
#91
 1,2-Dichlorobenzene
 Concen: 19.089 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VU029029.D
 Acq: 04 Jan 2019 15:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0105WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.0	59.9
148	64.8	31.6	94.8

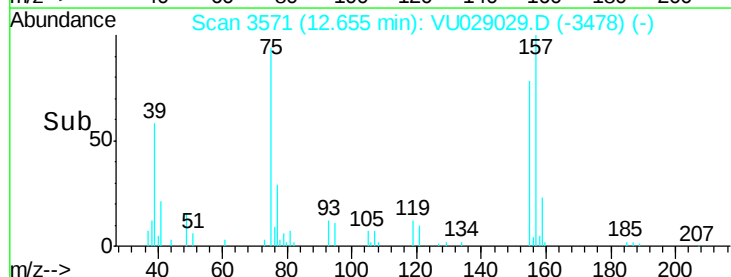
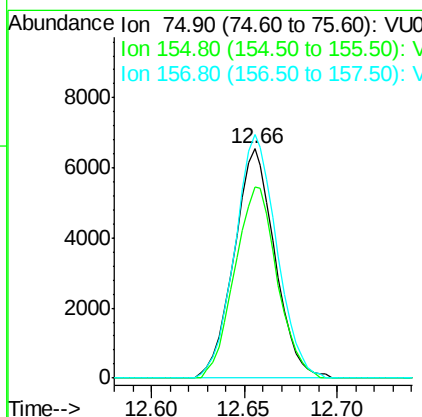
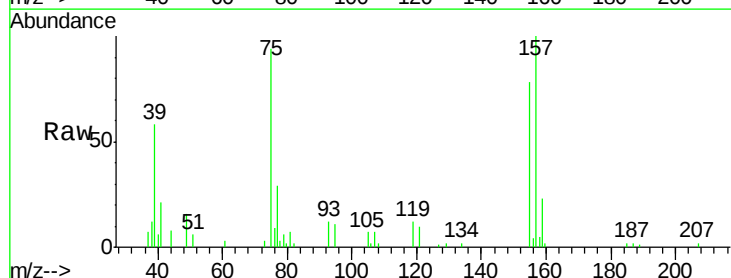
Manual Integrations
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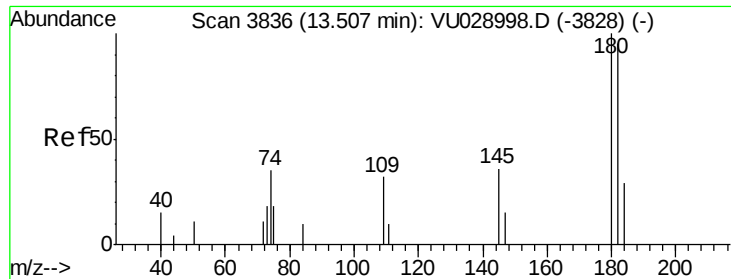
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.560 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VU029029.D
 Acq: 04 Jan 2019 15:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.4	46.3	138.8
157	108.7	57.4	172.0





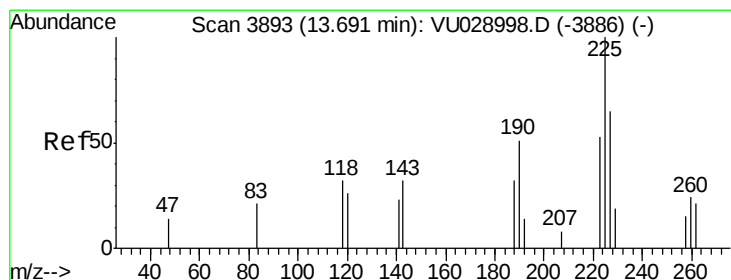
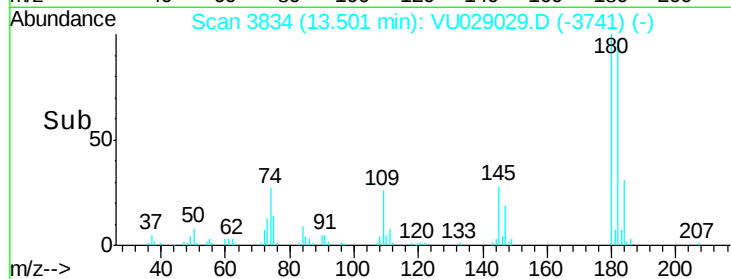
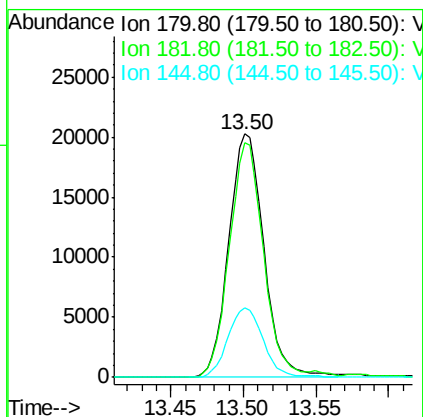
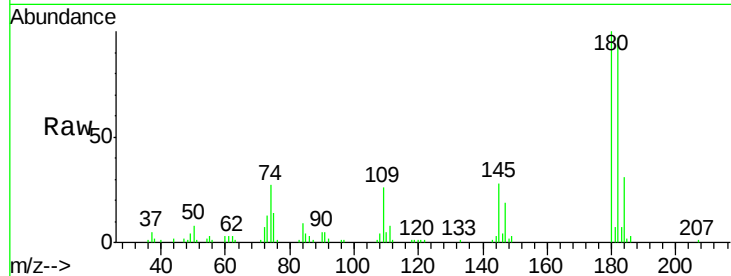
#93
 1,2,4-Trichlorobenzene
 Concen: 17.518 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU029029.D
 Acq: 04 Jan 2019 15:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0105WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.5	142.6
145	28.2	14.0	42.0

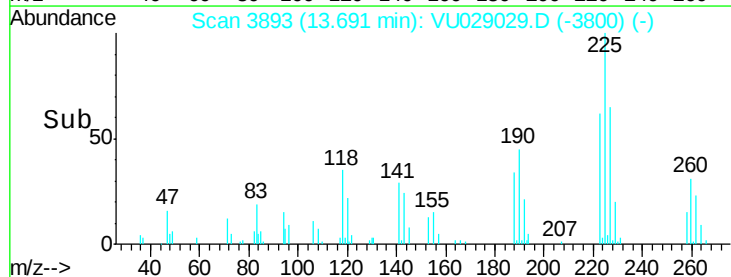
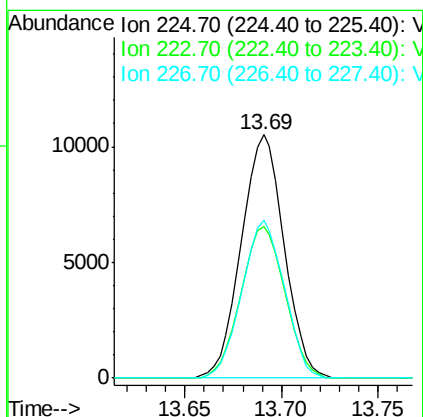
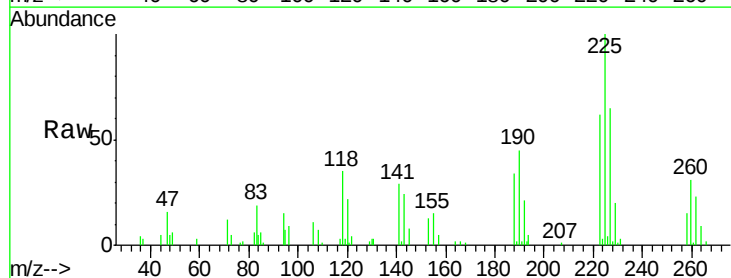
Manual Integrations
 APPROVED

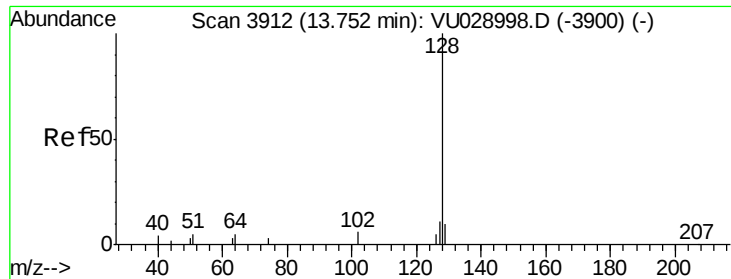
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#94
 Hexachlorobutadiene
 Concen: 18.269 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU029029.D
 Acq: 04 Jan 2019 15:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.4	94.0
227	64.2	31.9	95.5





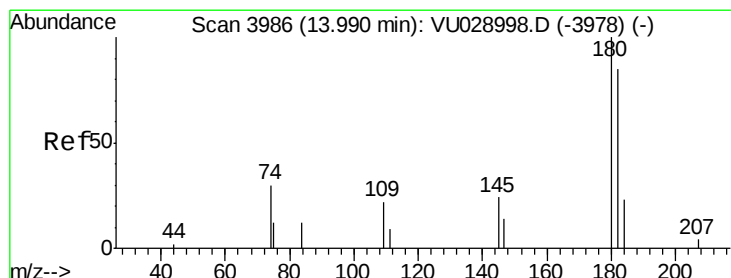
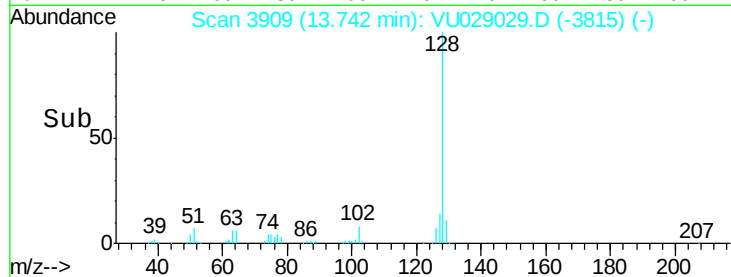
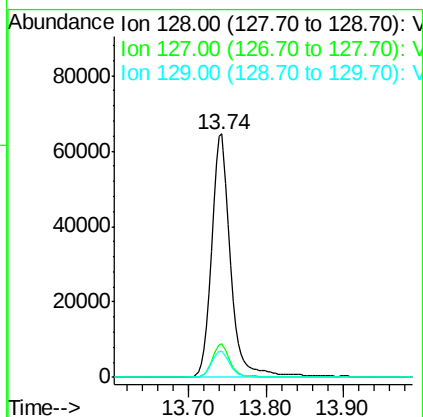
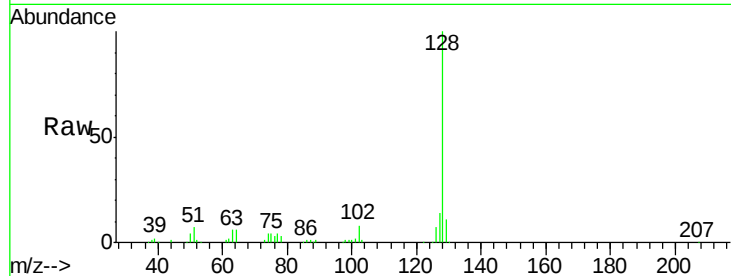
#95
Naphthalene
Concen: 17.171 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	10.6	8.5	12.7

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.884 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU029029.D
Acq: 04 Jan 2019 15:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	48.1	144.3
145	29.1	14.8	44.4

