

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027259.D
 Acq On : 28 Sep 2018 10:26
 Operator : MD/SY
 Sample : VU0928WBSD02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

Manual Integrations
 APPROVED

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 10/2/2018 1:07:44 PM

Quant Time: Sep 28 17:05:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	77512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	132177	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	129947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68172	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	77279	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	4.88	113	55468	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
50) Toluene-d8	7.57	98	197055	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
62) 4-Bromofluorobenzene	10.31	95	72439	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	21675	21.417	ug/l	96
3) Chloromethane	1.33	50	33791	19.366	ug/l	98
4) Vinyl Chloride	1.40	62	32125	19.724	ug/l	99
5) Bromomethane	1.63	94	17962	19.366	ug/l	99
6) Chloroethane	1.70	64	20231	19.441	ug/l	98
7) Trichlorofluoromethane	1.89	101	35960	19.440	ug/l	100
8) Diethyl Ether	2.11	74	17912	20.117	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.29	101	22738	19.991	ug/l	96
10) Methyl Iodide	2.41	142	10242	7.260	ug/l	98
11) Tert butyl alcohol	2.83	59	33358	93.289	ug/l	98
12) 1,1-Dichloroethene	2.29	96	21320	19.915	ug/l	94
13) Acrolein	2.20	56	11356	58.913	ug/l	100
14) Allyl chloride	2.59	41	48787	22.469	ug/l	95
15) Acrylonitrile	2.94	53	98019	108.761	ug/l	99
16) Acetone	2.32	43	97932	108.808	ug/l	99
17) Carbon Disulfide	2.48	76	69959	20.060	ug/l	99
18) Methyl Acetate	2.62	43	53296	24.002	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	89779	22.821	ug/l	99
20) Methylene Chloride	2.70	84	28053	20.079	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	23913	20.921	ug/l	100
22) Diisopropyl ether	3.57	45	111433	23.993	ug/l	98
23) Vinyl Acetate	3.53	43	464149	117.242	ug/l	99
24) 1,1-Dichloroethane	3.45	63	54395	21.265	ug/l	99
25) 2-Butanone	4.26	43	144785	110.434	ug/l	99
26) 2,2-Dichloropropane	4.23	77	41554	20.831	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	27363	21.198	ug/l	97
28) Bromochloromethane	4.55	49	27018	21.912	ug/l	95
29) Tetrahydrofuran	4.64	42	92889	117.122	ug/l	95
30) Chloroform	4.67	83	50181	21.135	ug/l	100
31) Cyclohexane	5.00	56	50179	21.250	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	39808	20.999	ug/l	100
36) 1,1-Dichloropropene	5.14	75	35667	20.219	ug/l	99
37) Ethyl Acetate	4.38	43	53089	22.231	ug/l	99
38) Carbon Tetrachloride	5.13	117	33915	20.203	ug/l	99

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Manual Integrations
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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	6.42	83	39618	20.666	ug/l	96
40) Benzene	5.39	78	111342	20.762	ug/l	99
41) Methacrylonitrile	4.55	41	29090	23.455	ug/l	98
42) 1,2-Dichloroethane	5.41	62	44300	21.865	ug/l	99
43) Isopropyl Acetate	5.55	43	80509	23.117	ug/l	98
44) Trichloroethene	6.19	130	23816	20.861	ug/l	100
45) 1,2-Dichloropropane	6.43	63	33232	21.748	ug/l	97
46) Dibromomethane	6.56	93	19506	21.137	ug/l	97
47) Bromodichloromethane	6.76	83	38968	20.883	ug/l	98
48) Methyl methacrylate	6.62	41	39812	21.590	ug/l	96
49) 1,4-Dioxane	6.62	88	12240	323.974	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	265884	113.513	ug/l	98
52) Toluene	7.64	92	64916	21.118	ug/l	96
53) t-1,3-Dichloropropene	7.88	75	44323	22.107	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	48136	21.836	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	27569	21.166	ug/l	99
56) Ethyl methacrylate	8.02	69	44673	21.094	ug/l	98
57) 1,3-Dichloropropane	8.24	76	52685	21.748	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	113377	91.541	ug/l	98
59) 2-Hexanone	8.36	43	203257	110.856	ug/l	98
60) Dibromochloromethane	8.48	129	27434	21.473	ug/l	99
61) 1,2-Dibromoethane	8.59	107	28462	21.002	ug/l	98
64) Tetrachloroethene	8.23	164	19939	19.912	ug/l	97
65) Chlorobenzene	9.12	112	66986	19.441	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.21	131	24114	20.319	ug/l	99
67) Ethyl Benzene	9.25	91	118158	20.854	ug/l	100
68) m/p-Xylenes	9.38	106	87587	39.099	ug/l	98
69) o-Xylene	9.78	106	42551	21.196	ug/l	97
70) Styrene	9.79	104	68769	19.493	ug/l	99
71) Bromoform	9.96	173	19366	21.102	ug/l #	100
73) Isopropylbenzene	10.17	105	112147	21.626	ug/l	100
74) N-amyl acetate	10.02	43	67351	22.437	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	47893	20.087	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	43435m	20.972	ug/l	
77) Bromobenzene	10.45	156	26420	20.849	ug/l	96
78) n-propylbenzene	10.59	91	132375	21.574	ug/l	100
79) 2-Chlorotoluene	10.66	91	82331	21.362	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	93831	21.919	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	11406m	17.625	ug/l	
82) 4-Chlorotoluene	10.77	91	93459	21.626	ug/l	99
83) tert-Butylbenzene	11.10	119	88323	20.869	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	96050	22.048	ug/l	97
85) sec-Butylbenzene	11.32	105	110832	21.453	ug/l	99
86) p-Isopropyltoluene	11.48	119	94555	20.071	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	47805	20.272	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	49028	19.076	ug/l	98
89) n-Butylbenzene	11.89	91	81992	19.006	ug/l	98
90) Hexachloroethane	12.15	117	17621	18.756	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	49229	19.653	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10110	20.785	ug/l	97

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ClientSampleId :
VU0928WBSD02

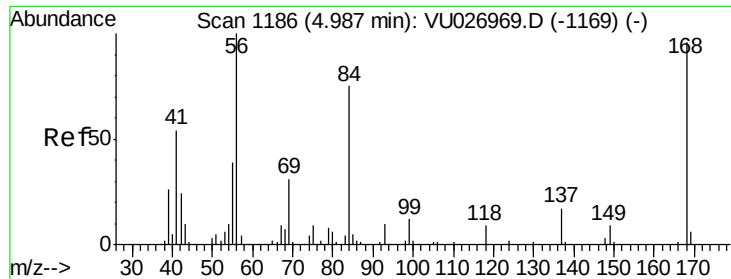
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	28929	20.040	ug/l	99
94) Hexachlorobutadiene	13.69	225	14559	19.061	ug/l	100
95) Naphthalene	13.74	128	100272	18.855	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	30768	19.876	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD02

Tot Ion:168 Resp: 77512

Ion Ratio Lower Upper

168 100

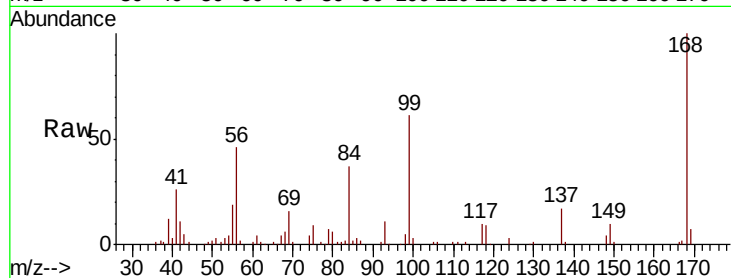
99 60.3 48.1 72.1

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Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

30000

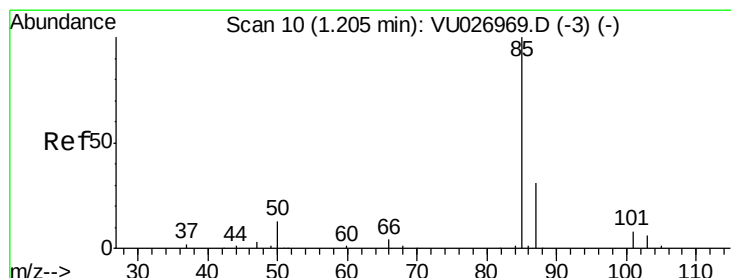
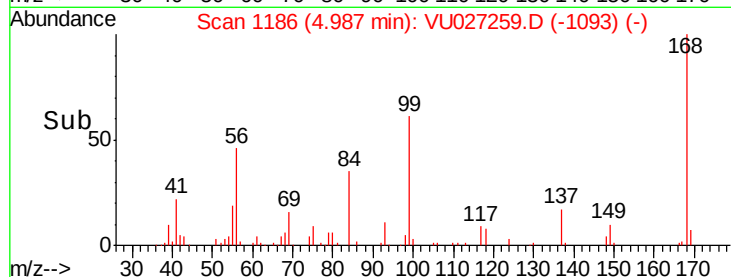
20000

10000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.417 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027259.D

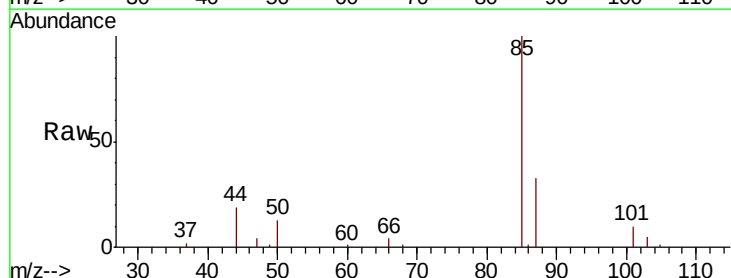
Acq: 28 Sep 2018 10:26

Tgt Ion: 85 Resp: 21675

Ion Ratio Lower Upper

85 100

87 33.2 15.6 46.7



Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU026969.D (-3) (-)

1.21

25000

20000

15000

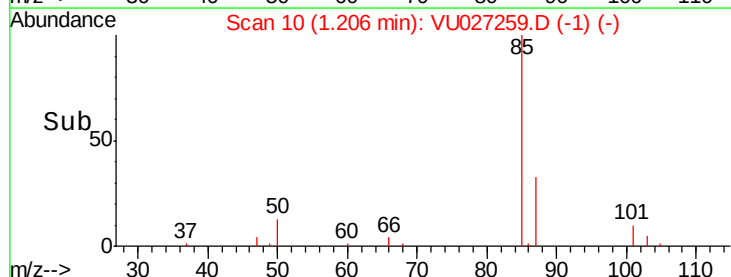
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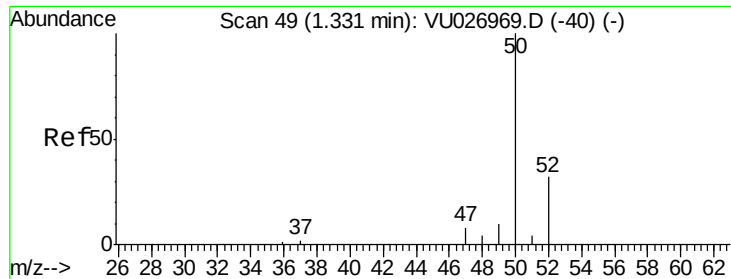
5000

0

1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.366 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD02

Tot Ion: 50 Resp: 33791

Ion Ratio Lower Upper

50 100

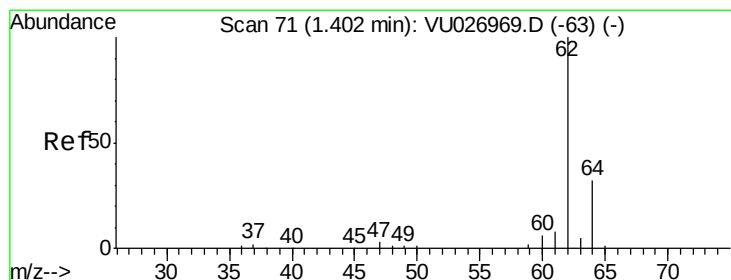
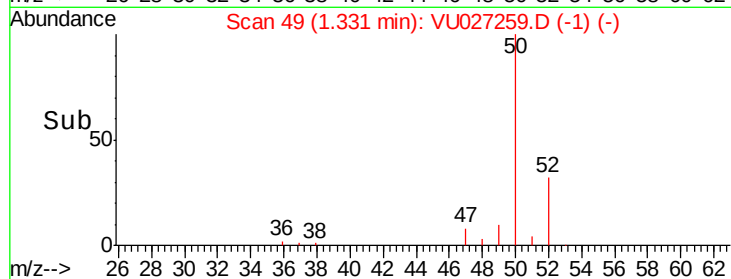
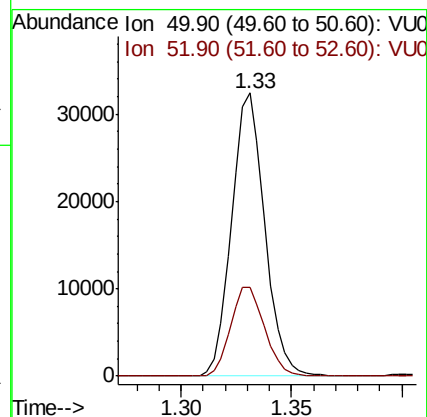
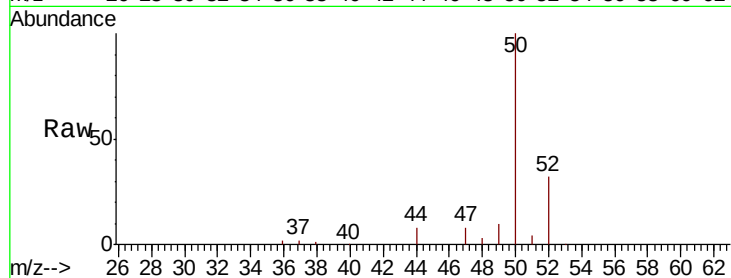
52 31.5 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.724 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027259.D

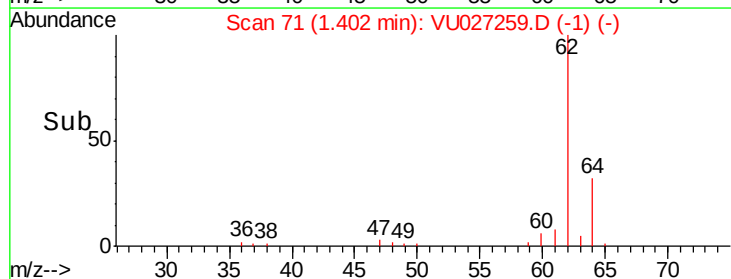
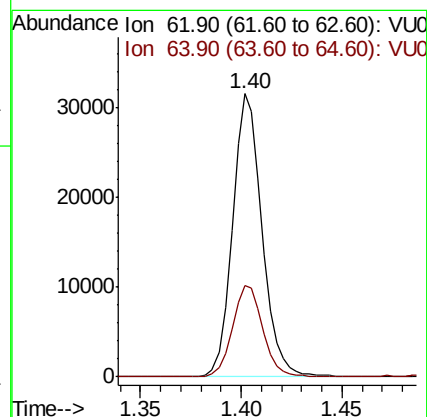
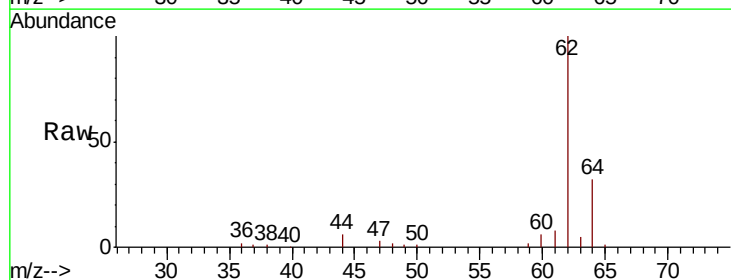
Acq: 28 Sep 2018 10:26

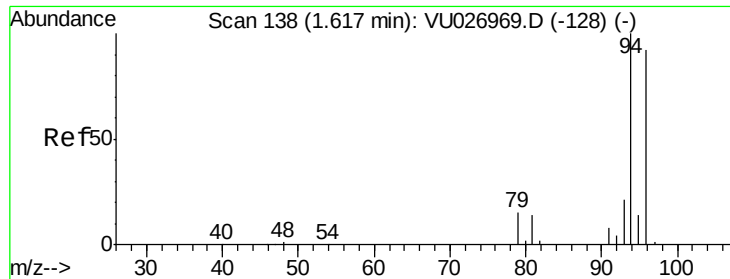
Tgt Ion: 62 Resp: 32125

Ion Ratio Lower Upper

62 100

64 32.4 25.5 38.3





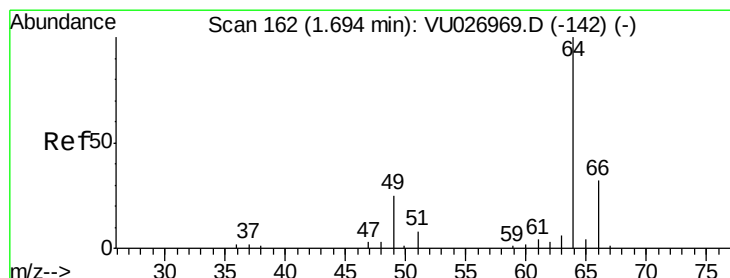
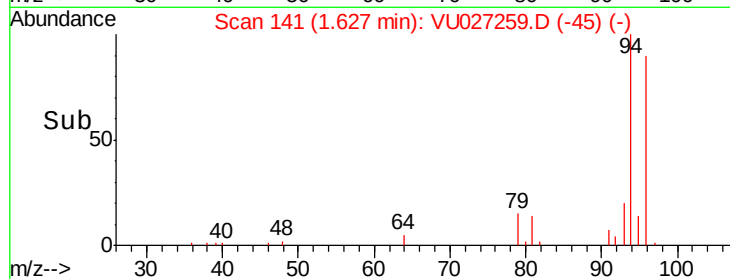
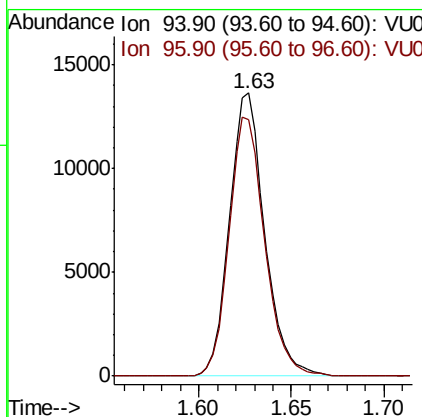
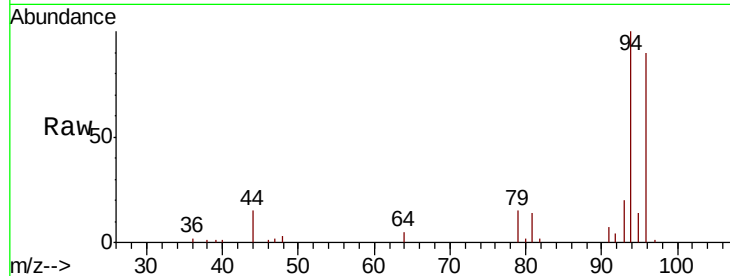
#5
Bromomethane
Concen: 19.366 ug/l
RT: 1.63 min Scan# 141
Delta R.T. 0.01 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion: 94 Resp: 17962
Ion Ratio Lower Upper
94 100
96 90.4 73.2 109.8

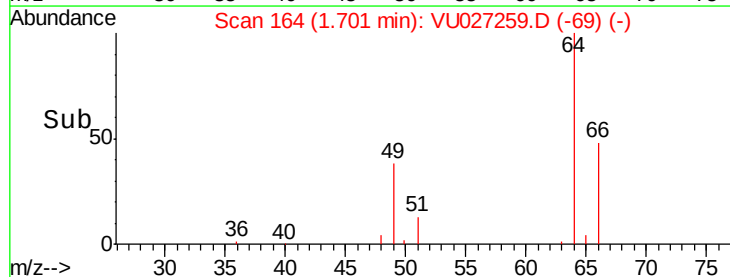
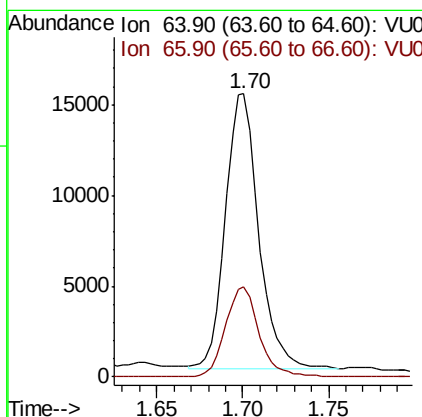
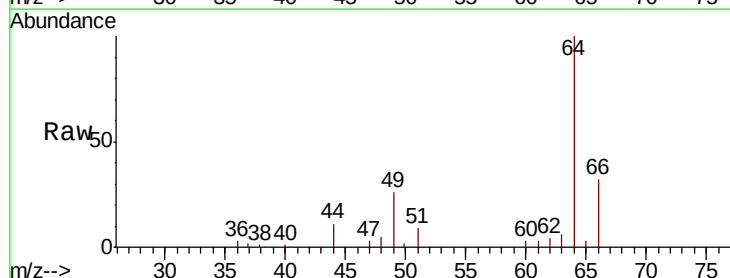
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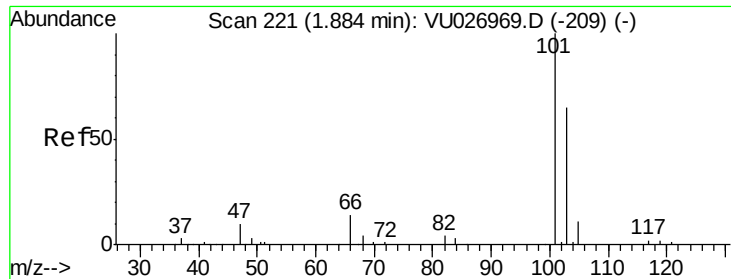
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#6
Chloroethane
Concen: 19.441 ug/l
RT: 1.70 min Scan# 164
Delta R.T. 0.01 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion: 64 Resp: 20231
Ion Ratio Lower Upper
64 100
66 32.9 25.3 37.9





#7

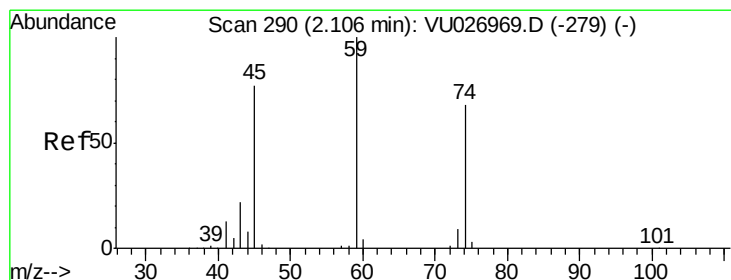
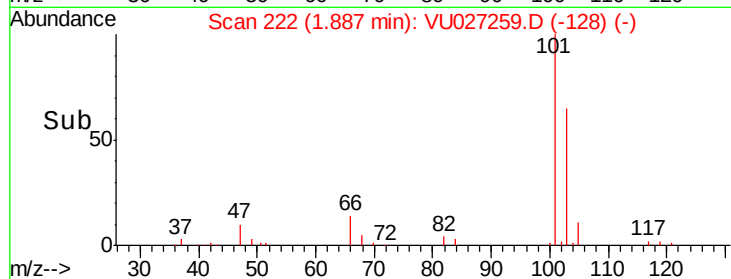
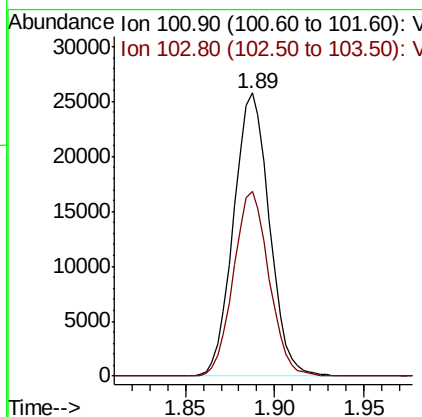
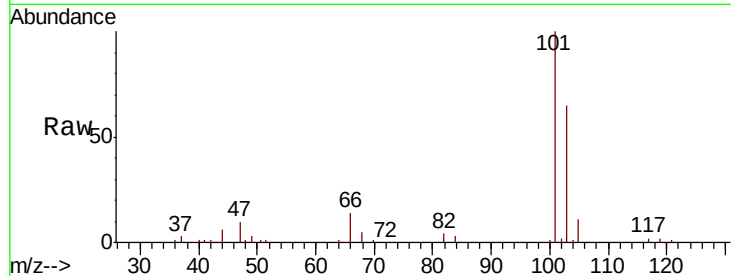
Trichlorofluoromethane
 Concen: 19.440 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Instrument :
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 ClientSampleId :
 VU0928WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.2	78.2

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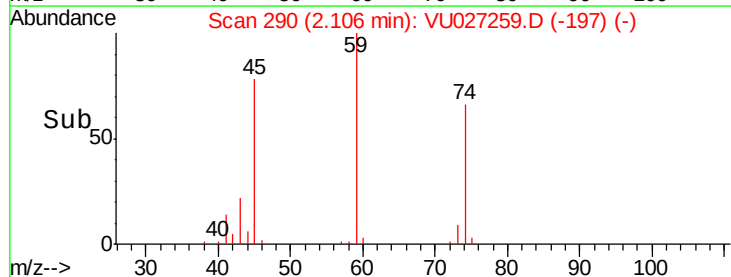
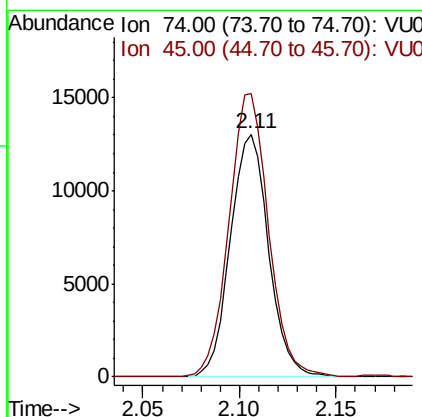
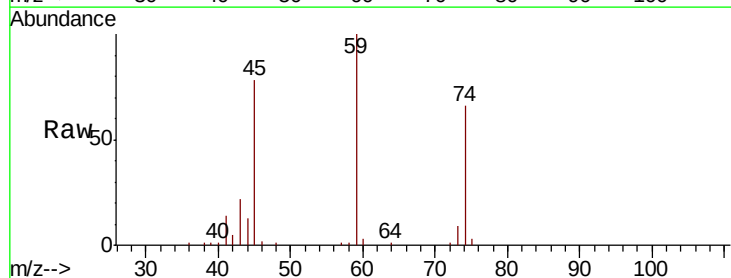
MMDadoda
 10/2/2018 1:07:44 PM

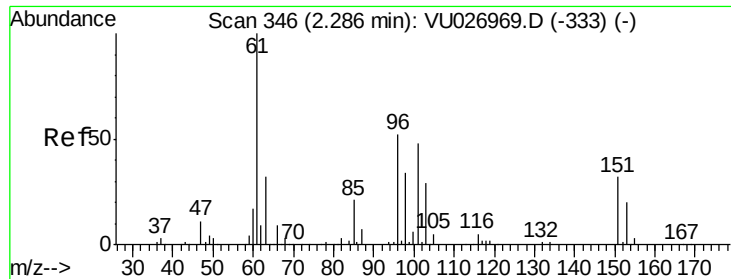


#8

Diethyl Ether
 Concen: 20.117 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	120.8	56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.991 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

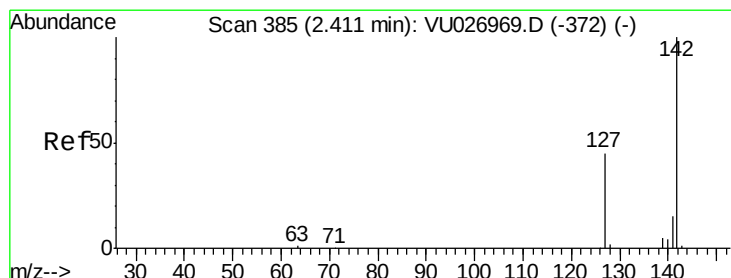
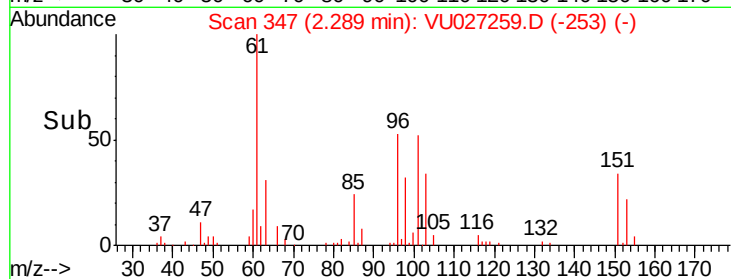
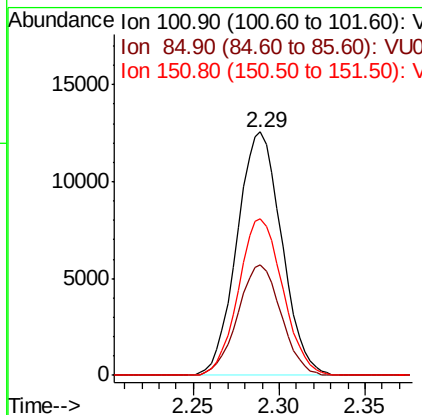
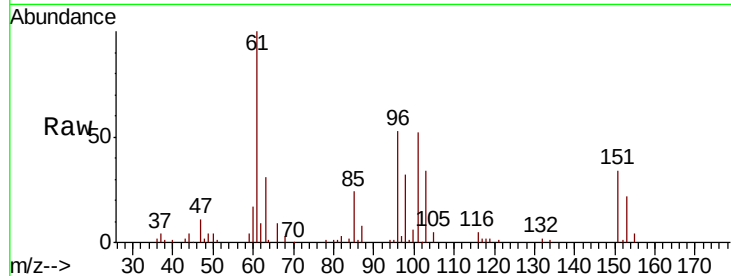
ClientSampleId :

VU0928WBSD02

Tot Ion:	101	Resp:	22738
Ion Ratio	Lower	Upper	
101	100		
85	43.9	36.2	54.2
151	63.7	54.5	81.7

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#10

Methyl Iodide

Concen: 7.260 ug/l

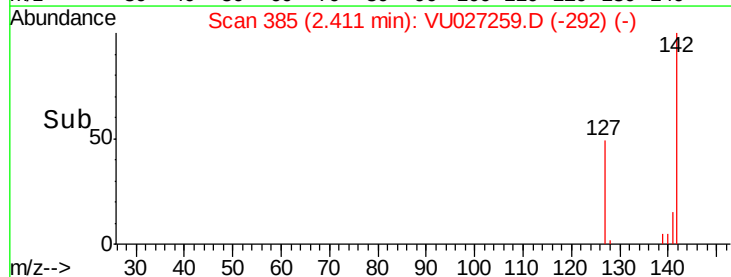
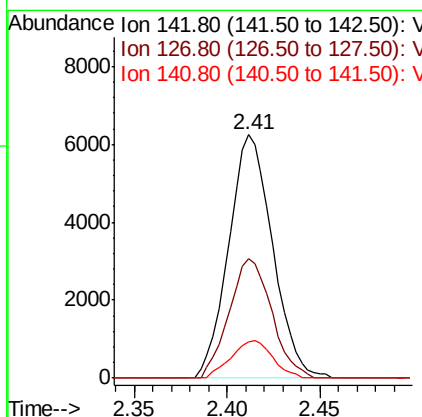
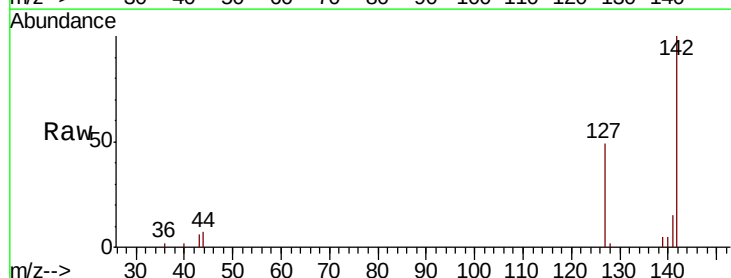
RT: 2.41 min Scan# 385

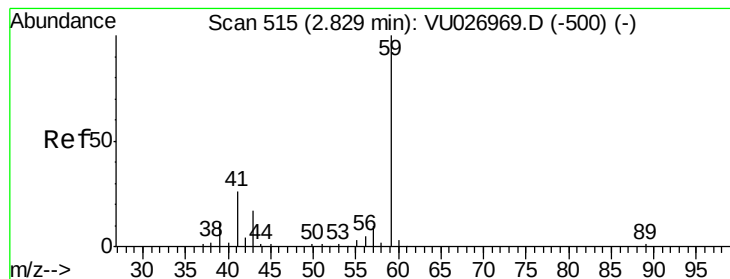
Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Tgt Ion:	142	Resp:	10242
Ion Ratio	Lower	Upper	
142	100		
127	47.6	36.7	55.1
141	14.5	11.8	17.6





#11

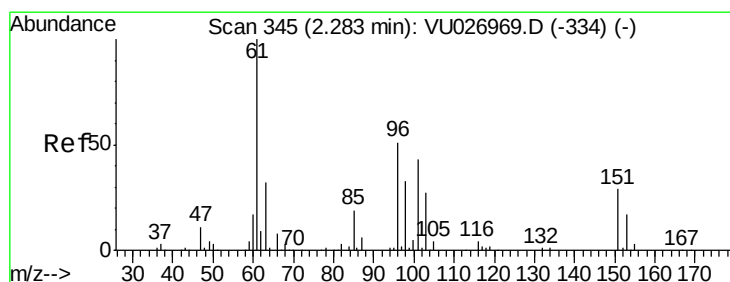
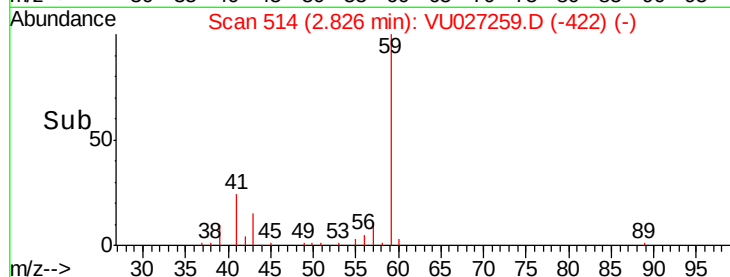
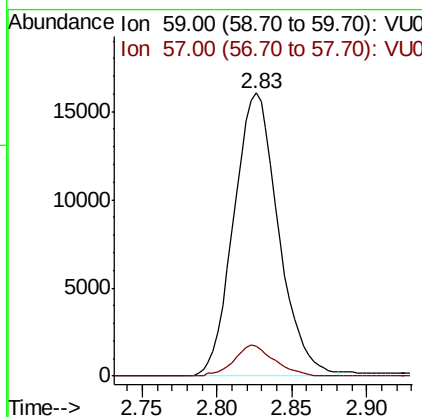
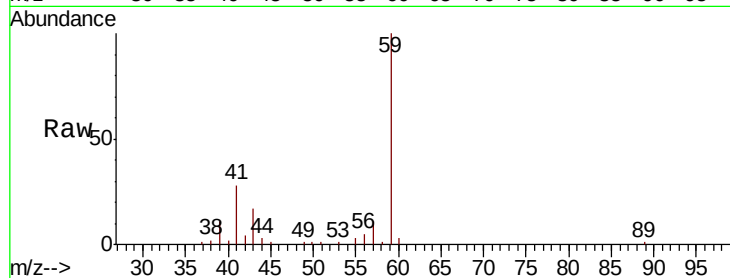
Tert butyl alcohol
 Concen: 93.289 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.5	12.7

Manual Integrations
 APPROVED

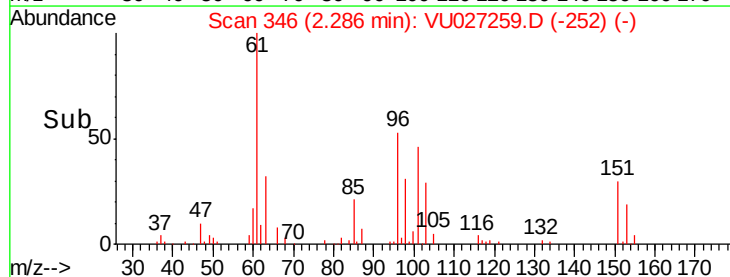
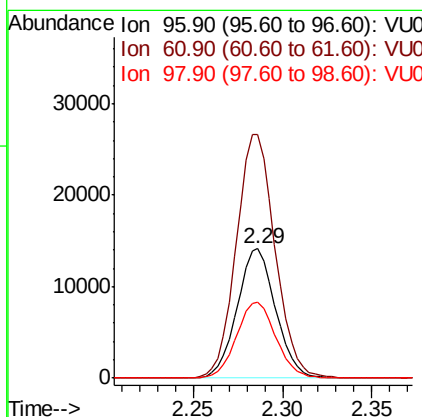
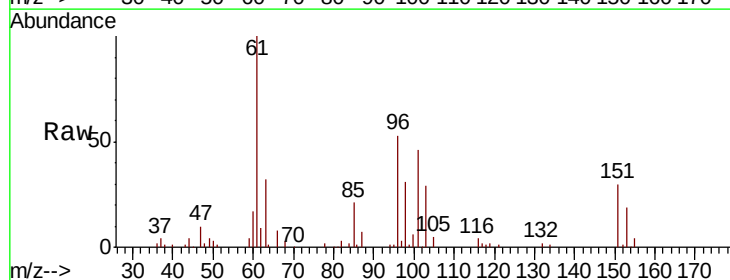
MMDadoda
 10/2/2018 1:07:44 PM

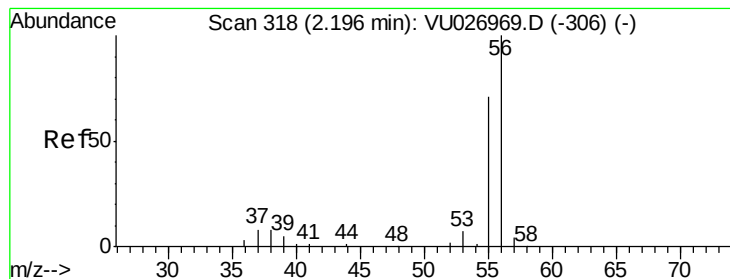


#12

1,1-Dichloroethene
 Concen: 19.915 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	187.5	156.1	234.1
98	58.4	51.4	77.0





#13

Acrolein

Concen: 58.913 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD02

Tot Ion: 56 Resp: 11356

Ion Ratio Lower Upper

56 100

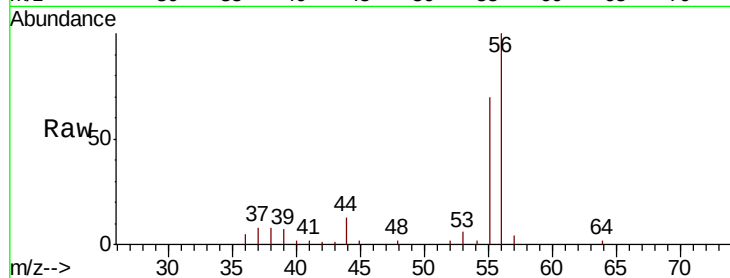
55 71.8 57.1 85.7

Manual Integrations

APPROVED

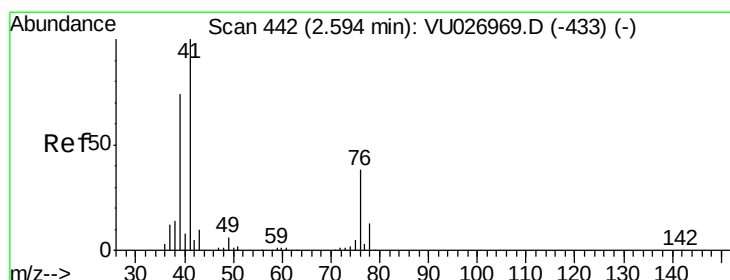
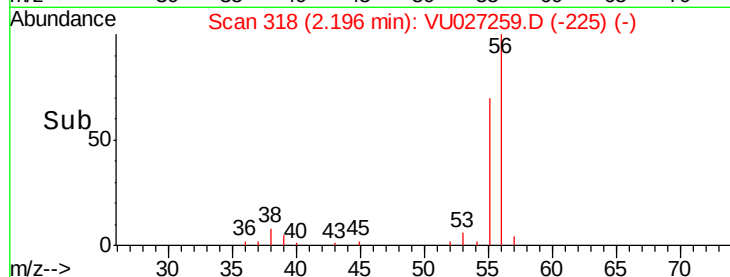
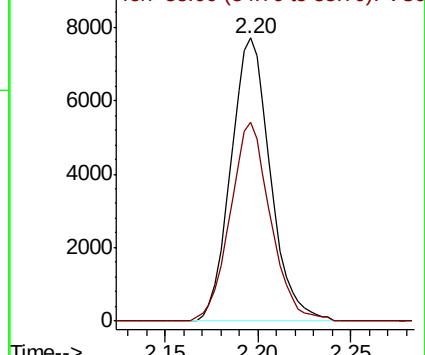
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 22.469 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

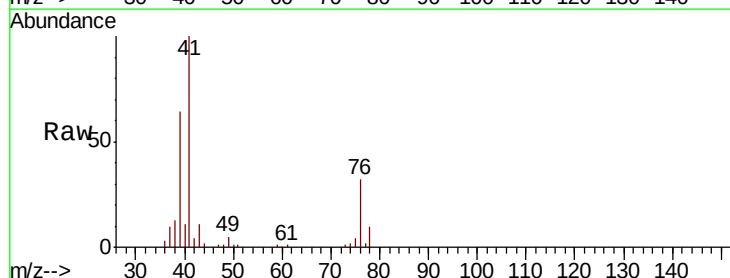
Tgt Ion: 41 Resp: 48787

Ion Ratio Lower Upper

41 100

39 64.5 55.7 83.5

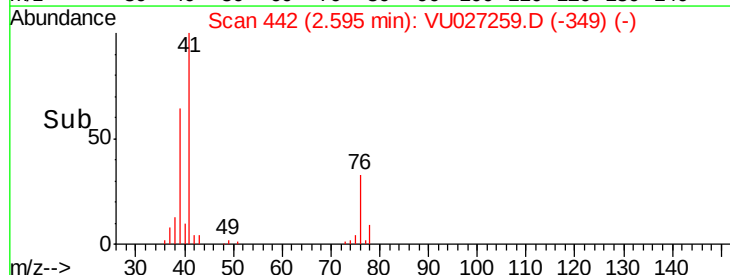
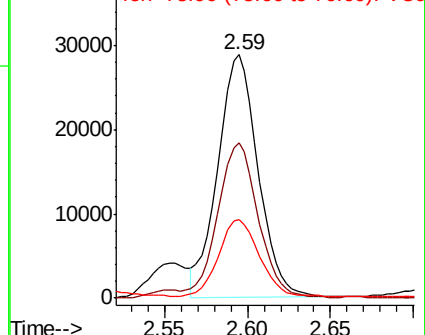
76 32.4 26.5 39.7

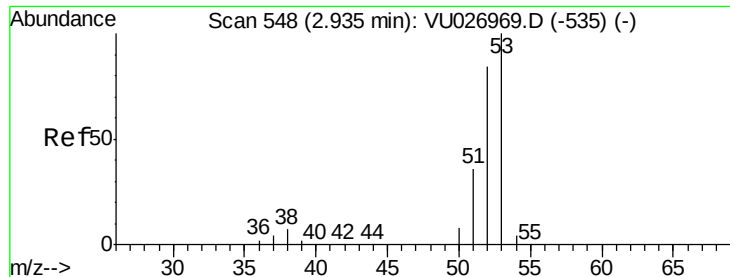


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 108.761 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

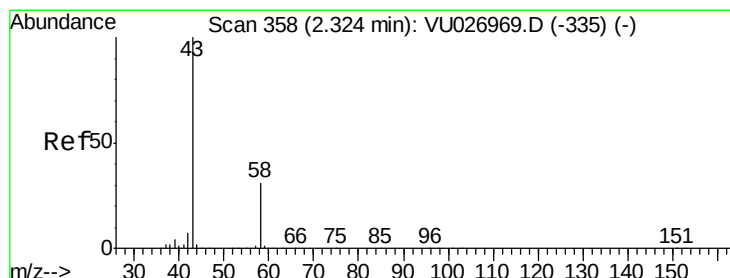
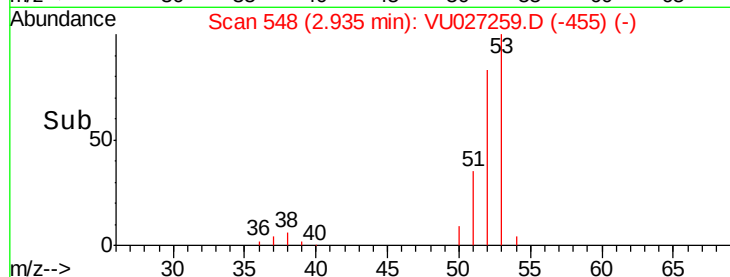
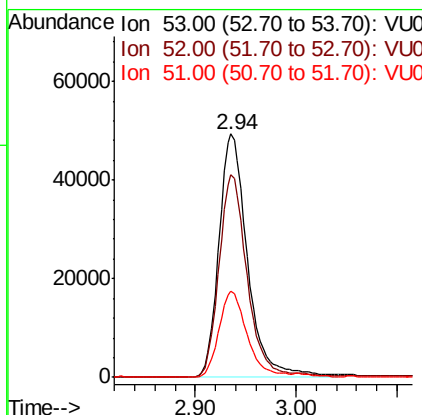
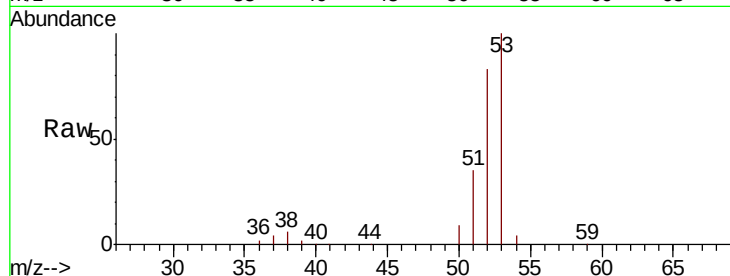
ClientSampleId :

VU0928WBSD02

Tot Ion:	53	Resp:	98019
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.7	98.5
51	34.7	27.4	41.2

Manual Integrations
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#16

Acetone

Concen: 108.808 ug/l

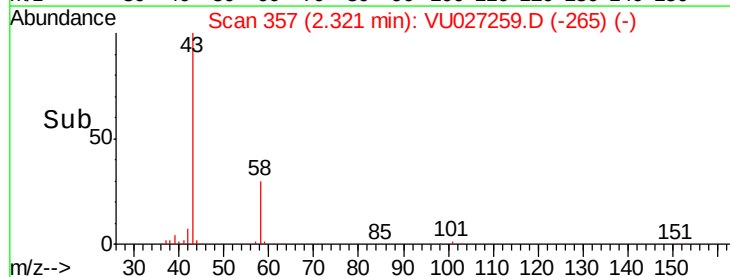
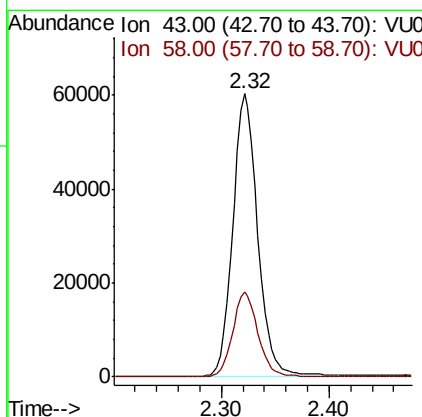
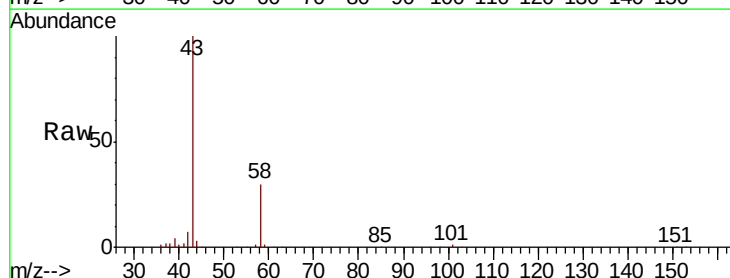
RT: 2.32 min Scan# 357

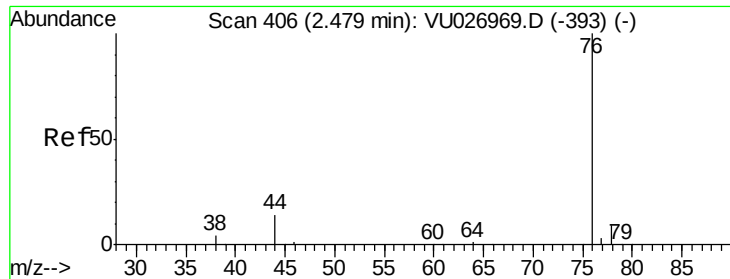
Delta R.T. -0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Tgt Ion:	43	Resp:	97932
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.6	36.8





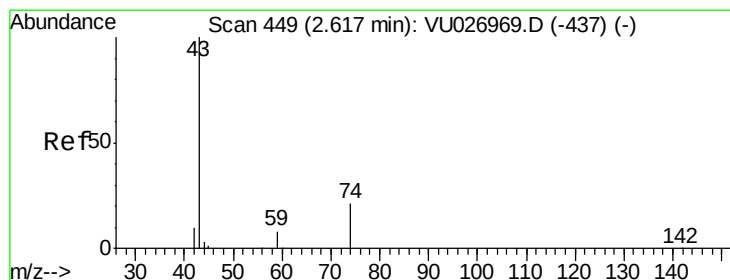
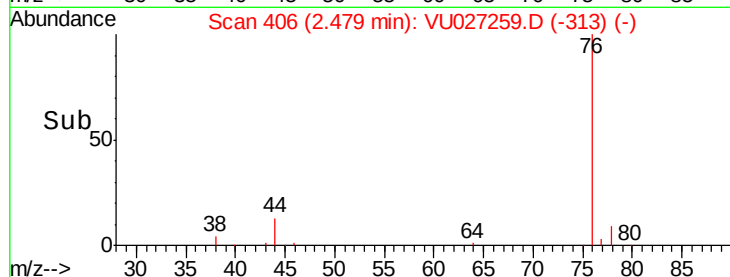
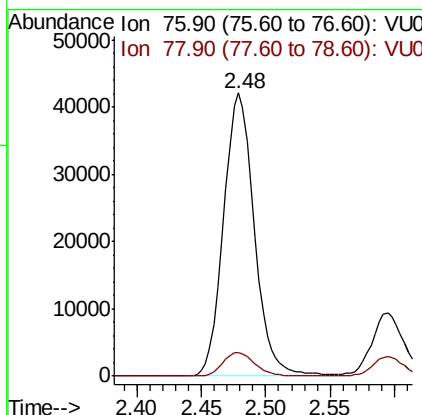
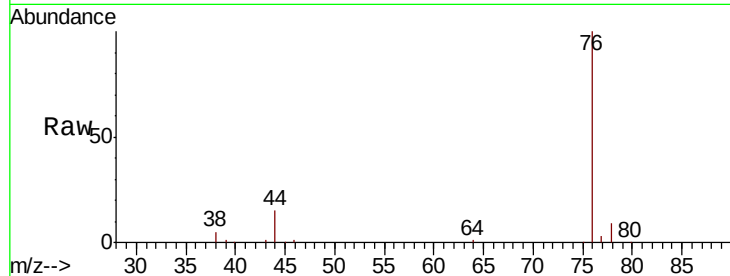
#17
Carbon Disulfide
Concen: 20.060 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion: 76 Resp: 69959
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7

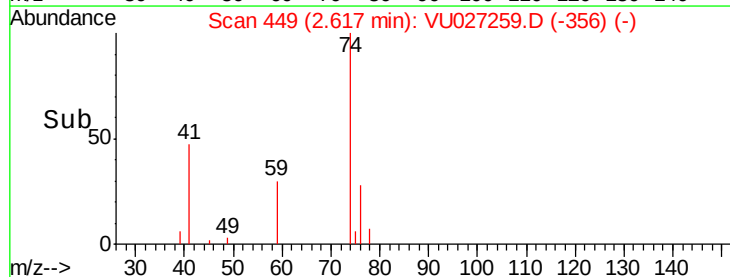
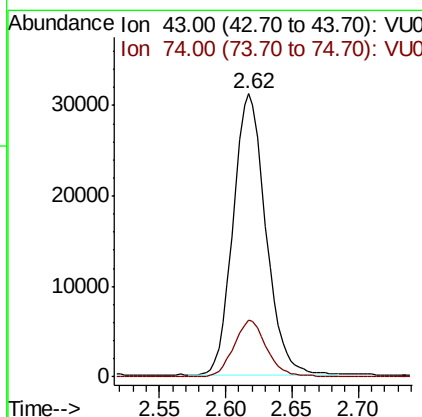
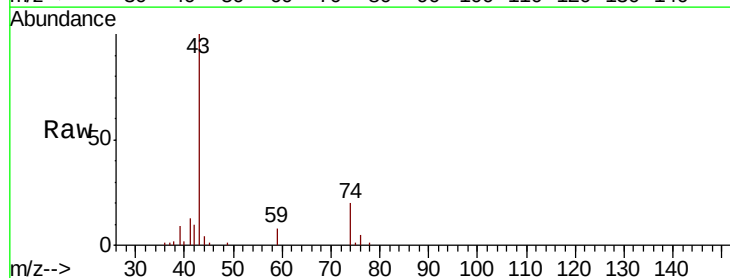
Manual Integrations
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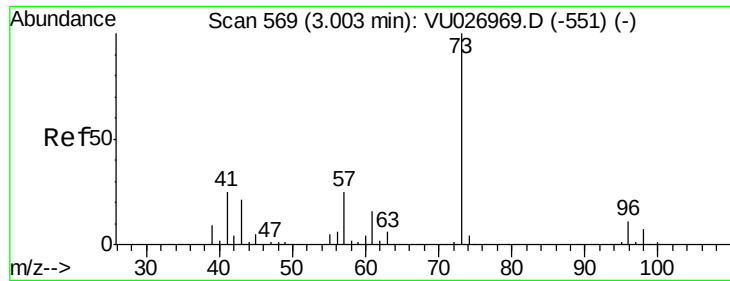
MMDadoda
10/2/2018 1:07:44 PM



#18
Methyl Acetate
Concen: 24.002 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion: 43 Resp: 53296
Ion Ratio Lower Upper
43 100
74 20.1 16.6 25.0





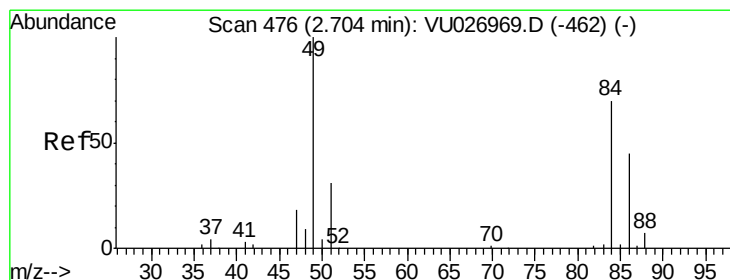
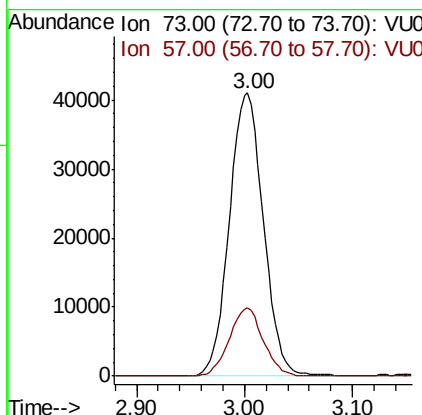
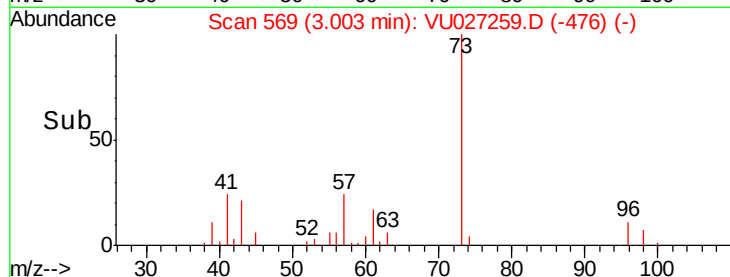
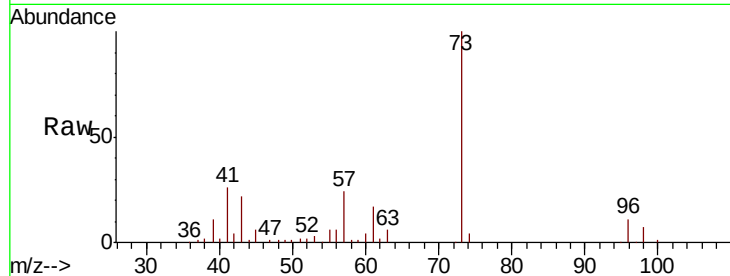
#19
Methyl tert-butyl Ether
Concen: 22.821 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.0	19.8	29.6

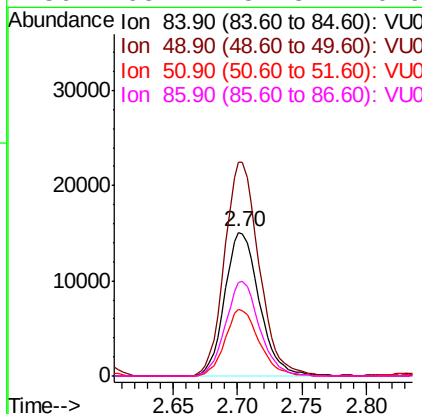
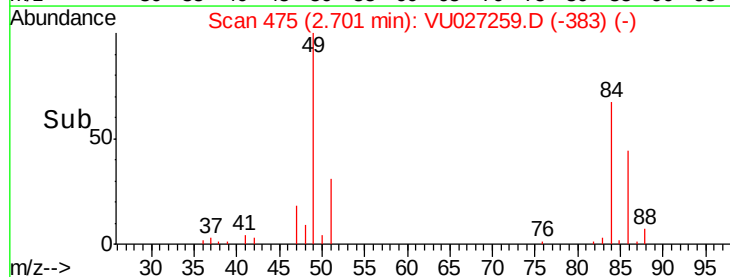
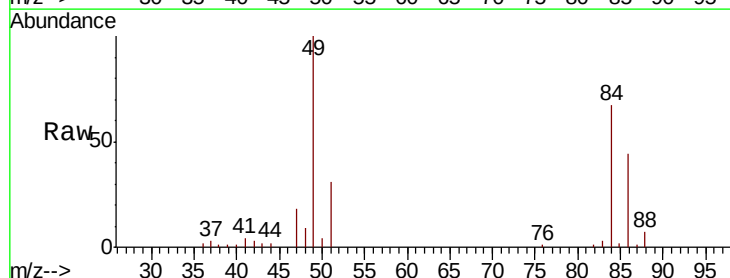
Manual Integrations
APPROVED

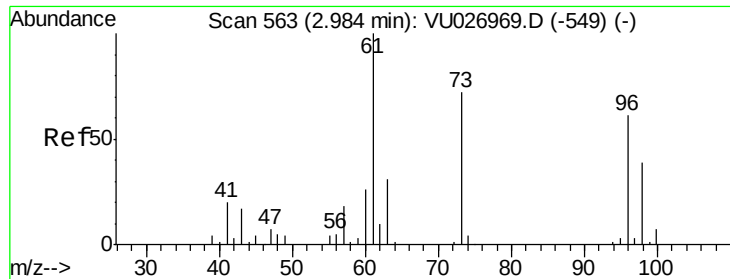
MMDadoda
10/2/2018 1:07:44 PM



#20
Methylene Chloride
Concen: 20.079 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	149.0	114.9	172.3
51	46.2	35.8	53.8
86	65.2	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 20.921 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD02

Tot Ion: 96 Resp: 23913

Ion Ratio Lower Upper

96 100

61 164.6 131.8 197.6

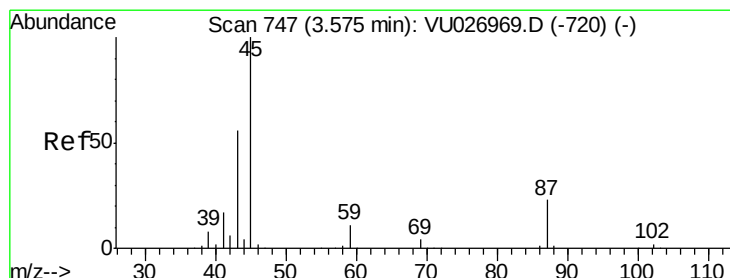
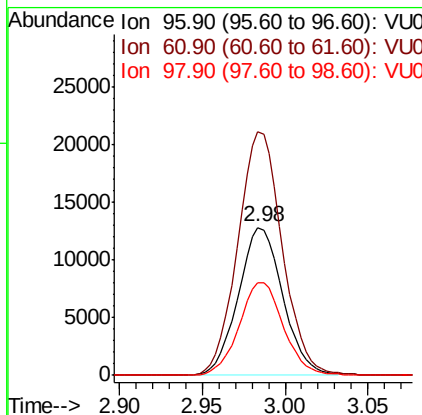
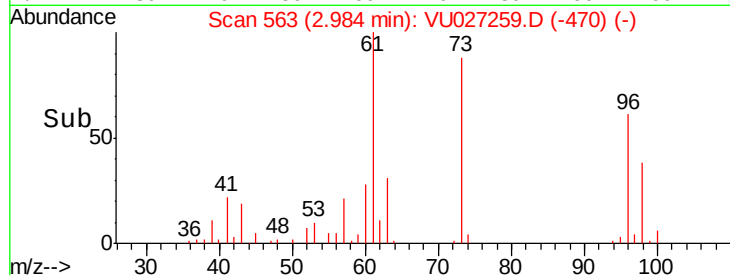
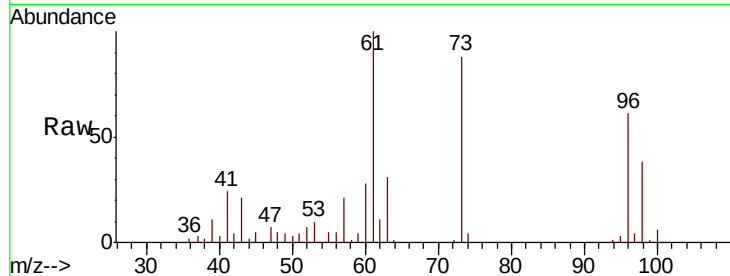
98 62.3 50.9 76.3

Manual Integrations

APPROVED

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10/2/2018 1:07:44 PM



#22

Diisopropyl ether

Concen: 23.993 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Tgt Ion: 45 Resp: 111433

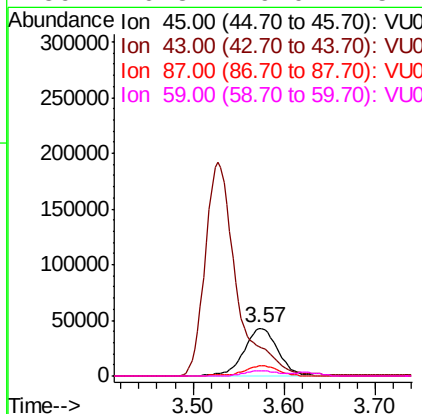
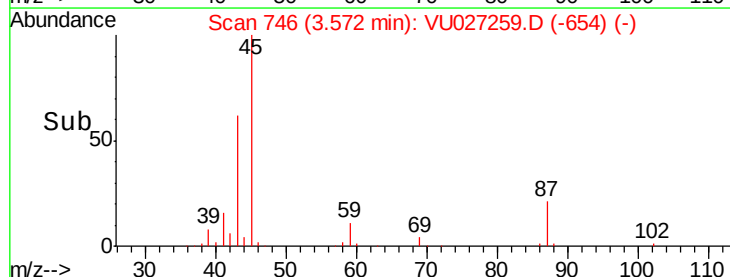
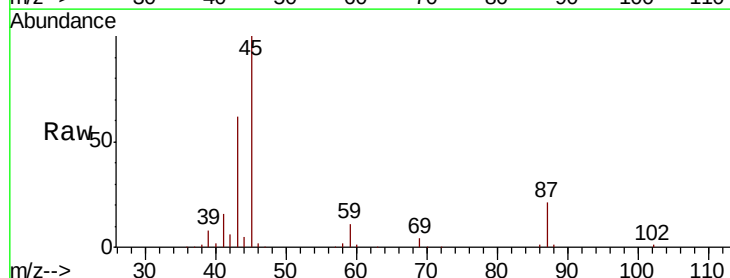
Ion Ratio Lower Upper

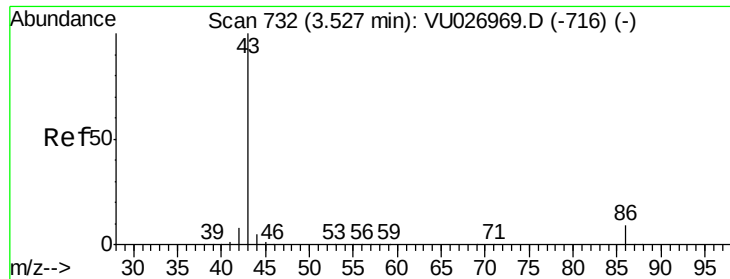
45 100

43 58.5 45.8 68.6

87 21.4 18.6 28.0

59 10.8 9.0 13.4





#23

Vinyl Acetate

Concen: 117.242 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD02

Tot Ion: 43 Resp: 464149

Ion Ratio Lower Upper

43 100

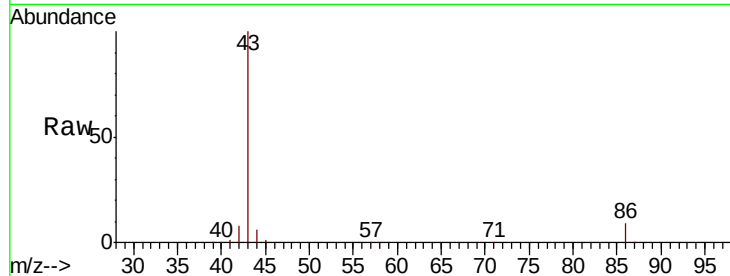
86 8.6 7.2 10.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU027259.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027259.D (-639) (-)

3.53

200000

150000

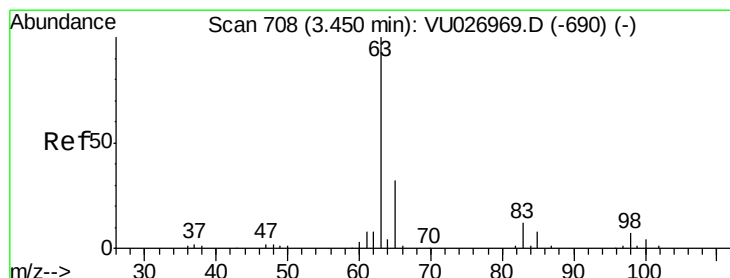
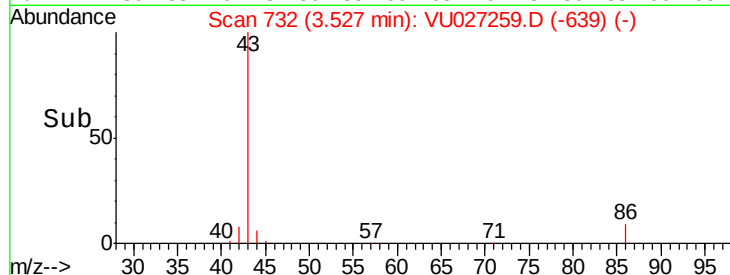
100000

50000

0

3.40 3.50 3.60 3.70

Time-->



#24

1,1-Dichloroethane

Concen: 21.265 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

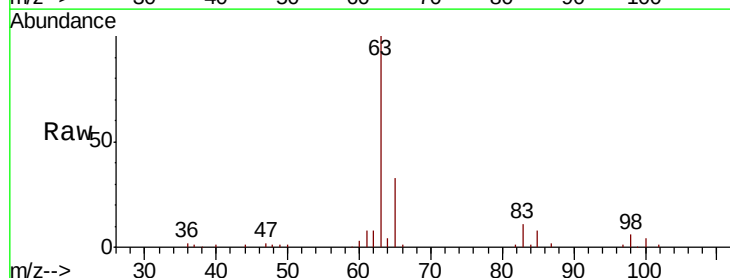
Tgt Ion: 63 Resp: 54395

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

100 4.4 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU027259.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027259.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027259.D (-615) (-)

3.45

30000

25000

20000

15000

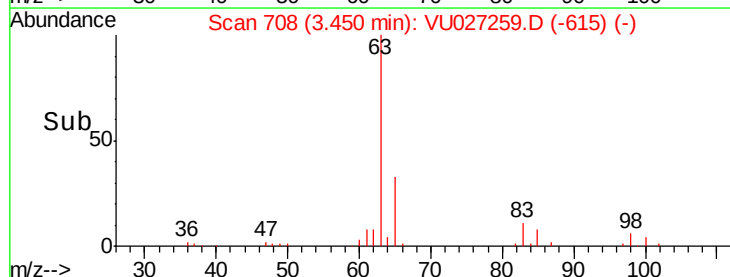
10000

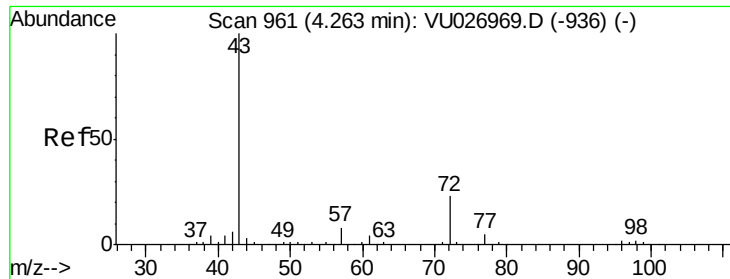
5000

0

3.35 3.40 3.45 3.50 3.55

Time-->





#25

2-Butanone

Concen: 110.434 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD02

Tot Ion: 43 Resp: 144785

Ion Ratio Lower Upper

43 100

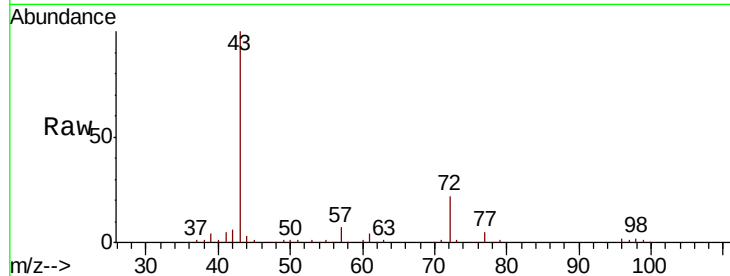
72 22.4 18.4 27.6

Manual Integrations

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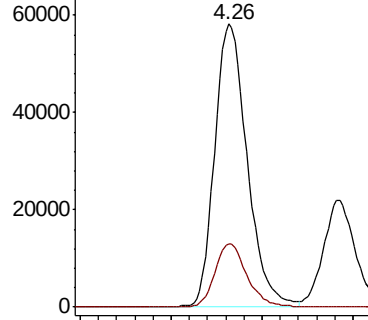
MMDadoda

10/2/2018 1:07:44 PM

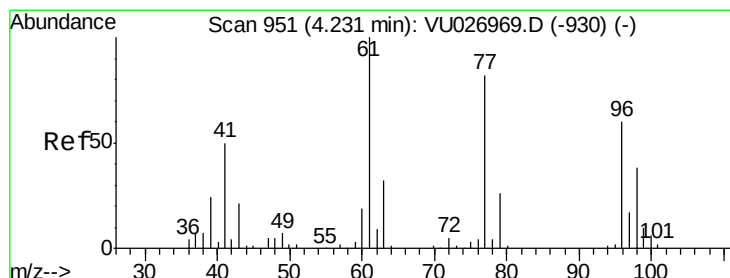
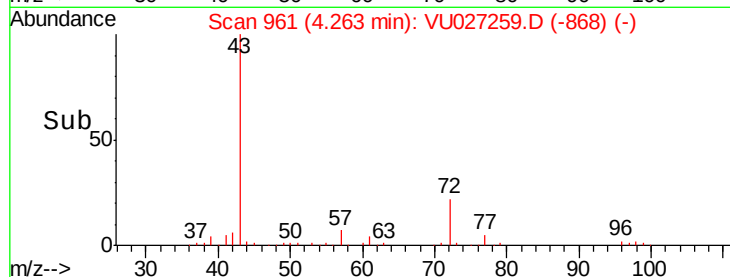


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



Time-->



#26

2,2-Dichloropropane

Concen: 20.831 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027259.D

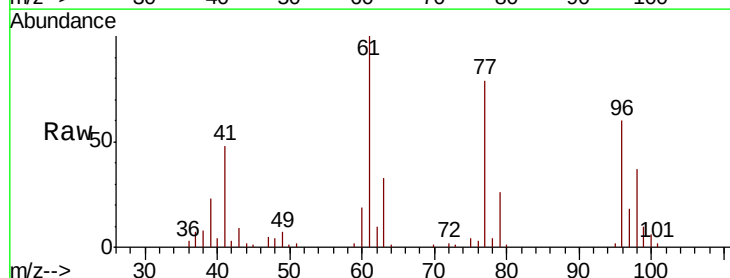
Acq: 28 Sep 2018 10:26

Tgt Ion: 77 Resp: 41554

Ion Ratio Lower Upper

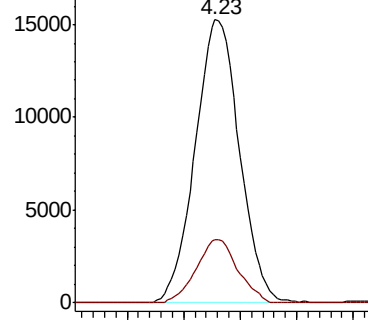
77 100

97 21.2 10.5 31.5

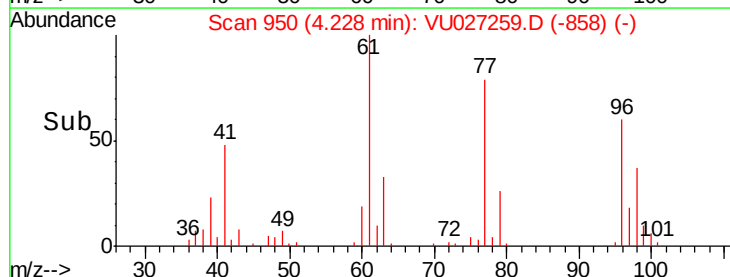


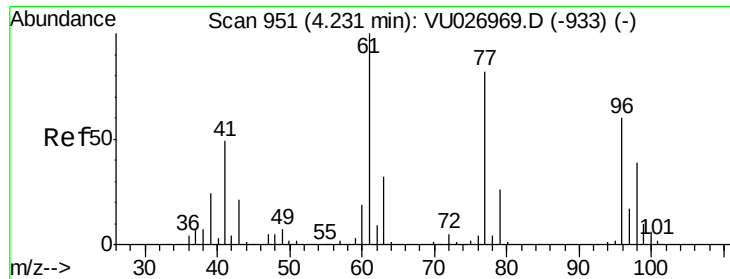
Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



Time-->





#27

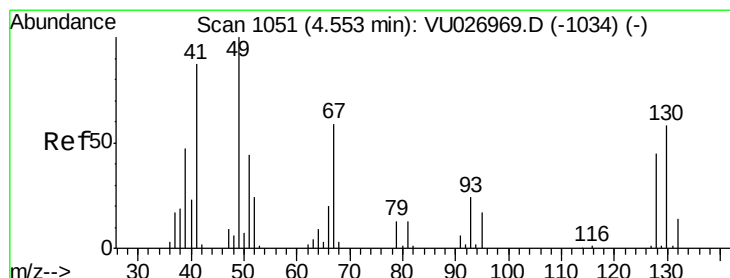
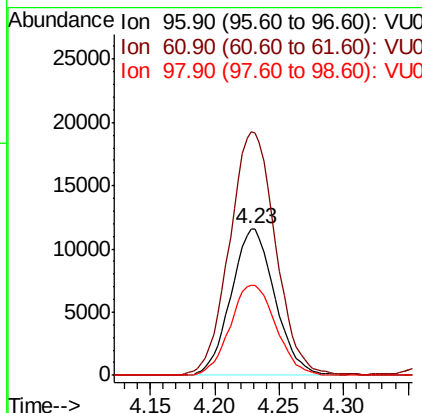
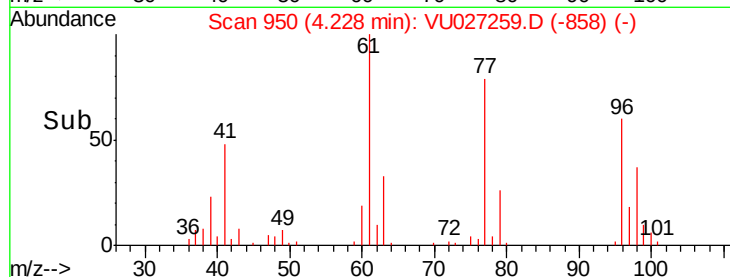
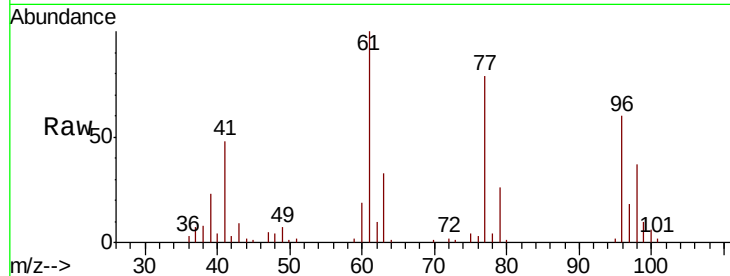
cis-1,2-Dichloroethene
Concen: 21.198 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	174.5	0.0	337.2
98	64.1	0.0	127.6

Manual Integrations
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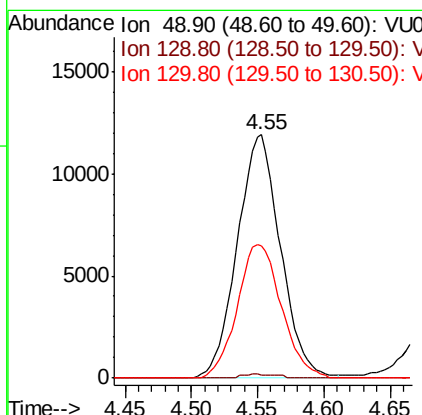
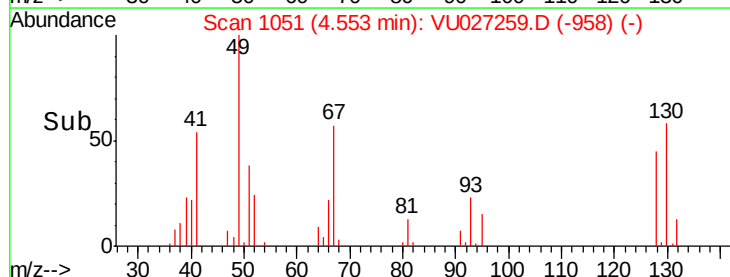
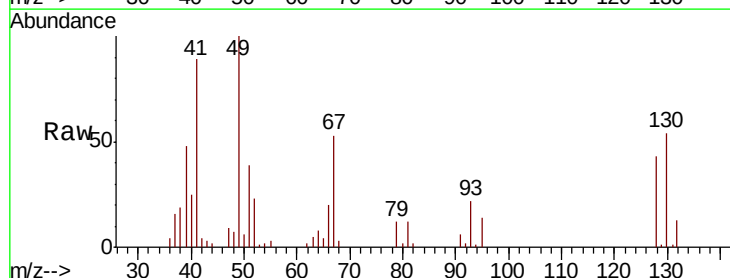
MMDadoda
10/2/2018 1:07:44 PM

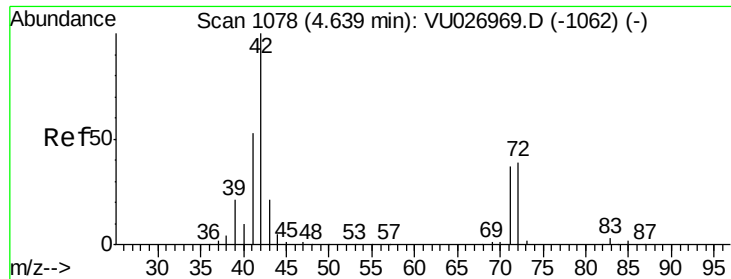


#28

Bromochloromethane
Concen: 21.912 ug/l
RT: 4.55 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.0
130	56.2	47.8	71.8





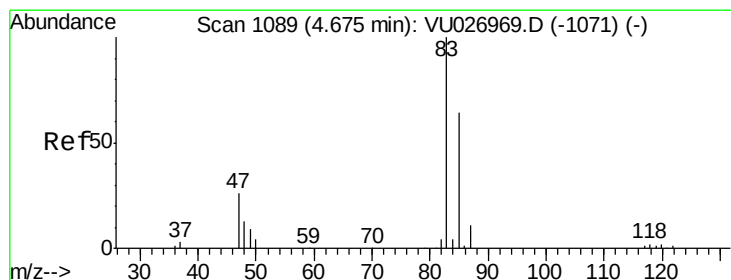
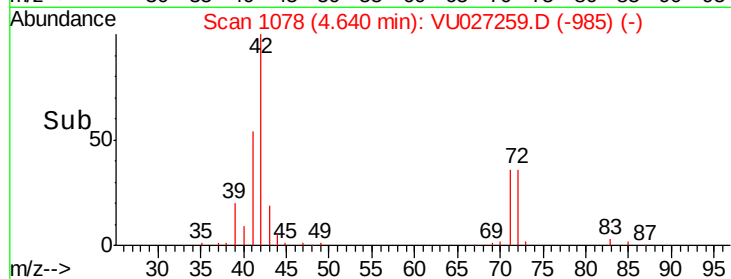
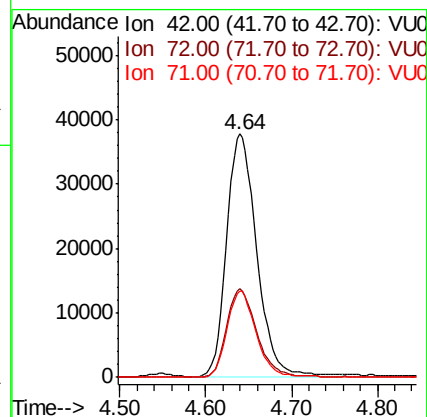
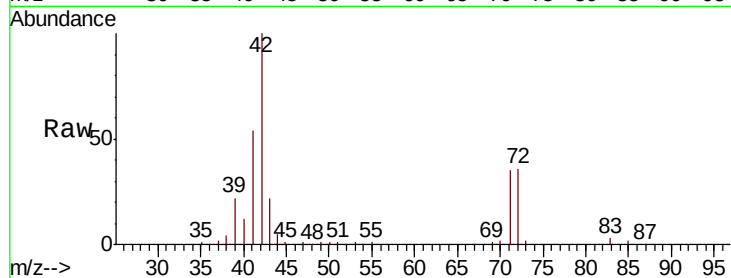
#29
Tetrahydrofuran
Concen: 117.122 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.3	31.7	47.5
71	34.1	29.6	44.4

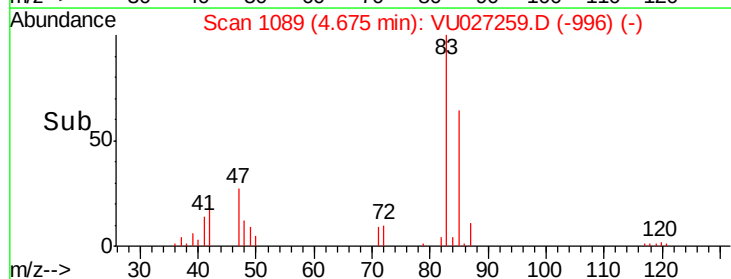
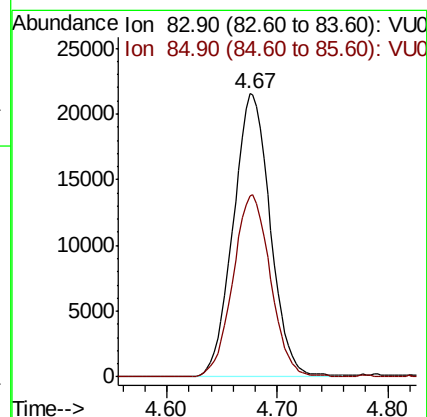
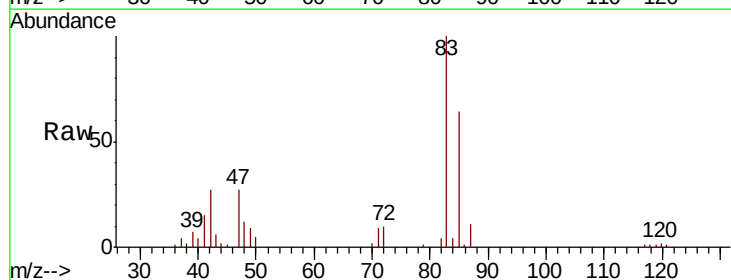
Manual Integrations
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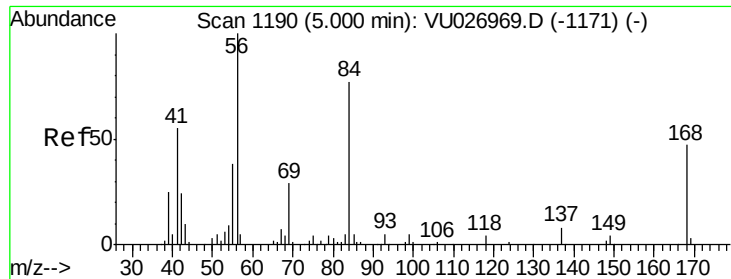
MMDadoda
10/2/2018 1:07:44 PM



#30
Chloroform
Concen: 21.135 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.5	77.3





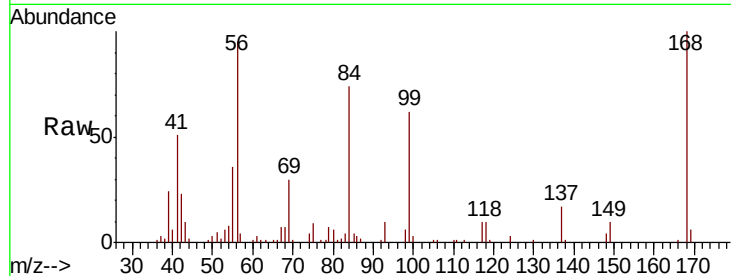
#31
Cyclohexane
Concen: 21.250 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

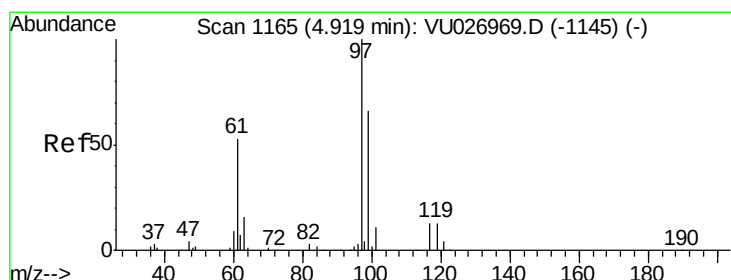
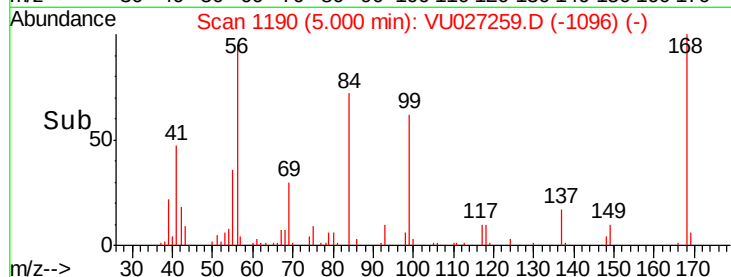
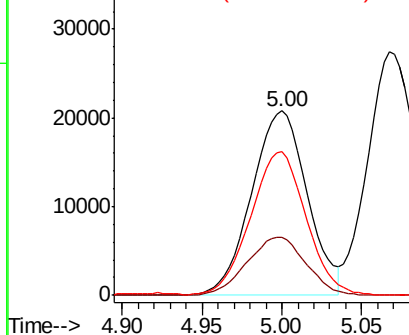
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	23.0	34.4
84	77.6	61.4	92.2

Manual Integrations
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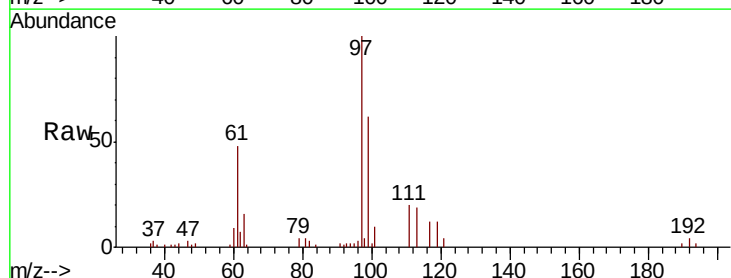


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

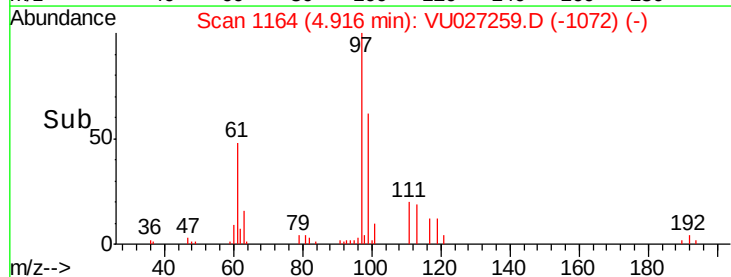
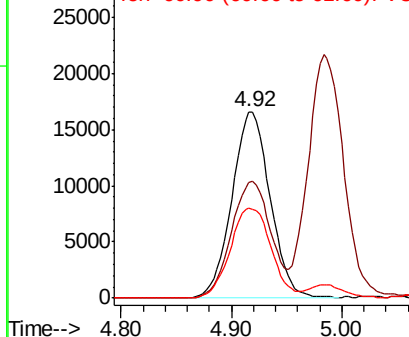


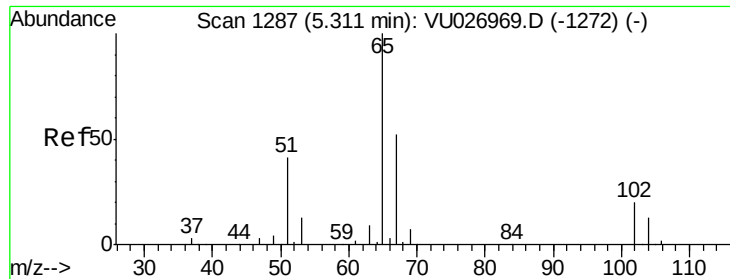
#32
1,1,1-Trichloroethane
Concen: 20.999 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.8	77.6
61	51.5	41.1	61.7



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0





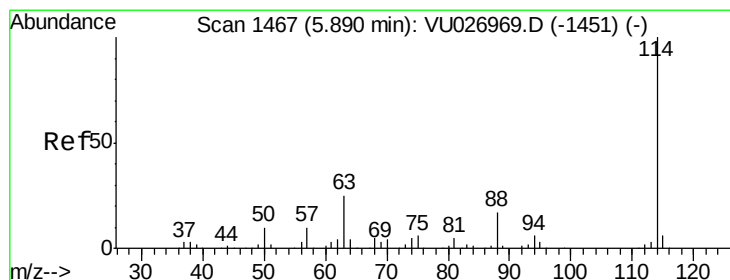
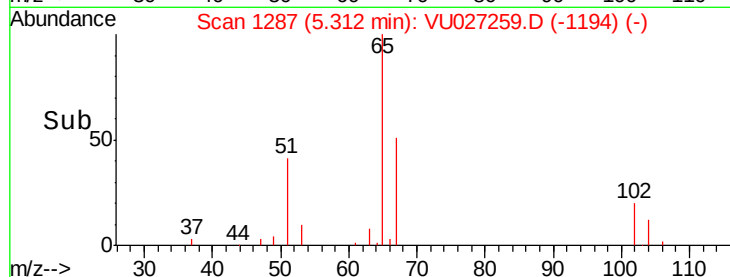
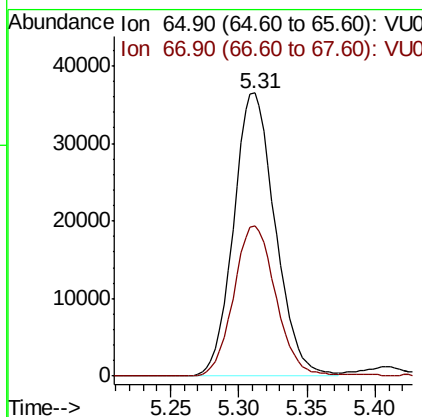
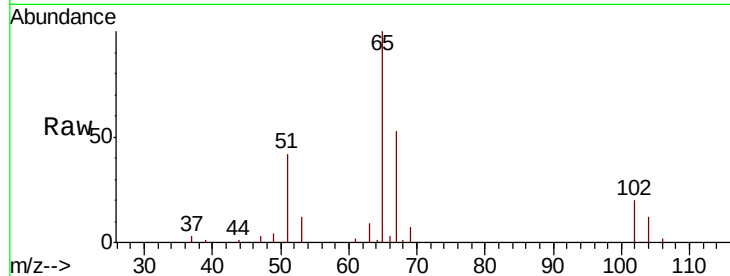
#33
 1,2-Dichloroethane-d4
 Concen: 49.536 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	105.6

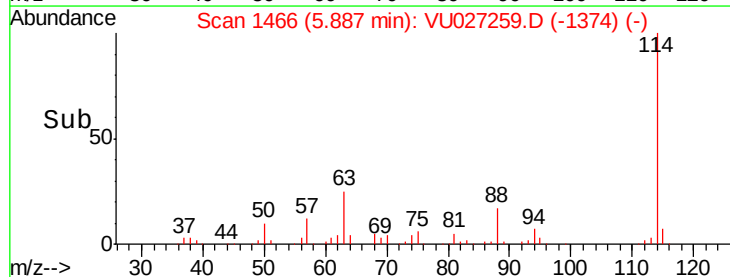
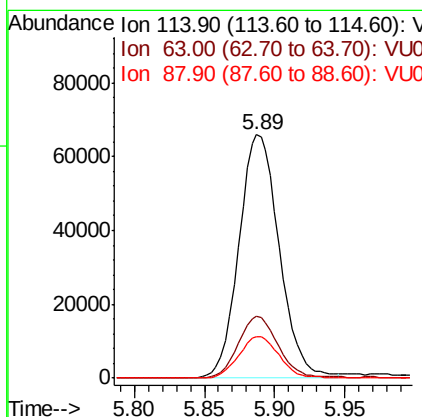
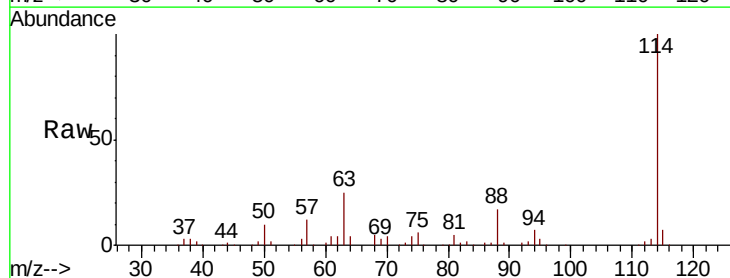
Manual Integrations
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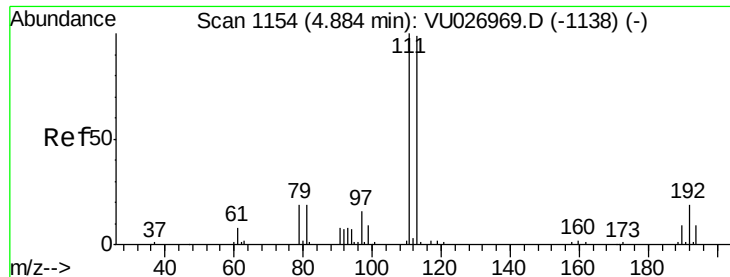
MMDadoda
 10/2/2018 1:07:44 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.2	0.0	49.2
88	17.2	0.0	33.8





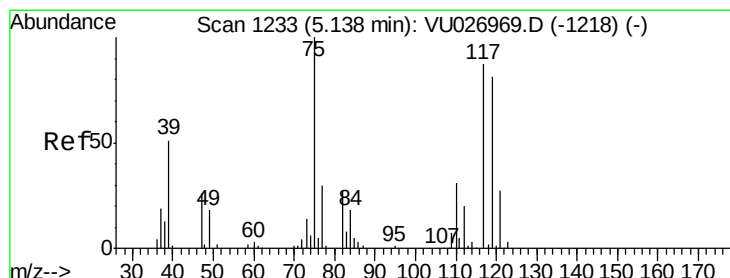
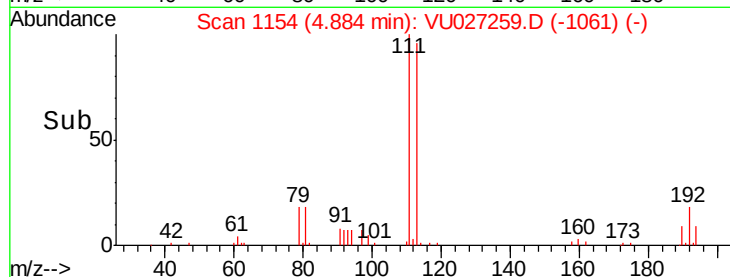
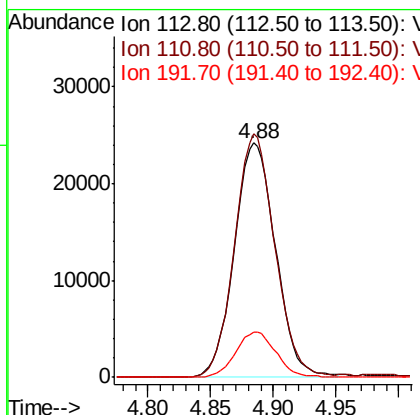
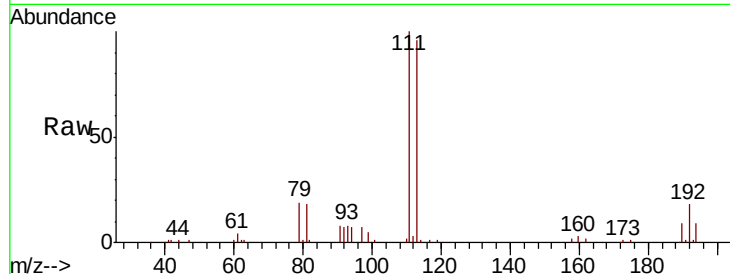
#35
 Dibromofluoromethane
 Concen: 48.414 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.4
192	18.8	15.2	22.8

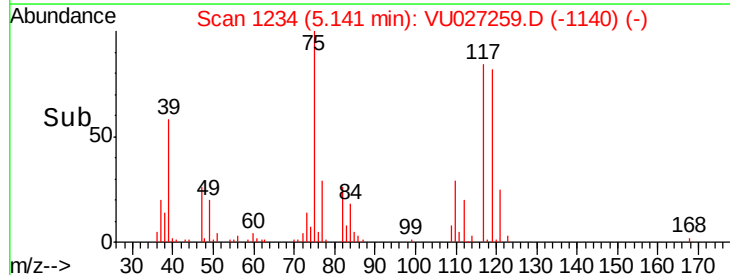
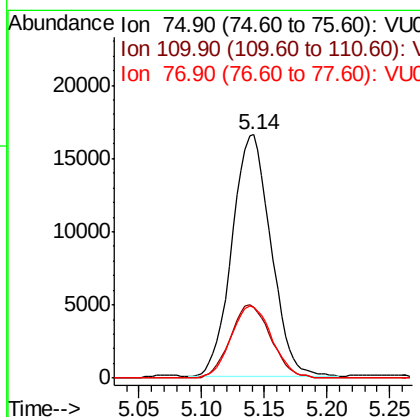
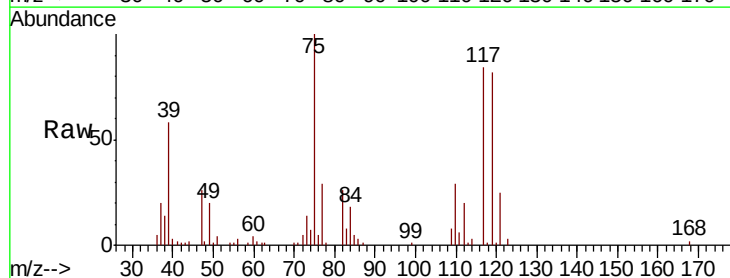
Manual Integrations
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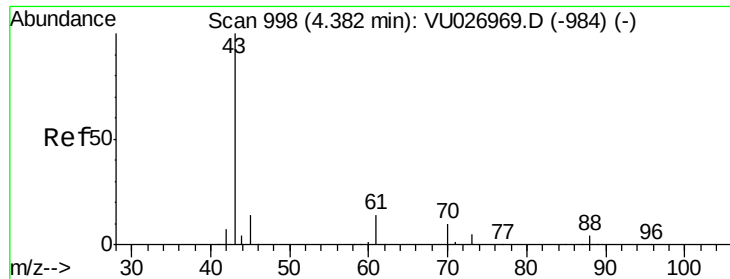
MMDadoda
 10/2/2018 1:07:44 PM



#36
 1,1-Dichloropropene
 Concen: 20.219 ug/l
 RT: 5.14 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.4	16.1	48.2
77	31.4	24.6	36.8





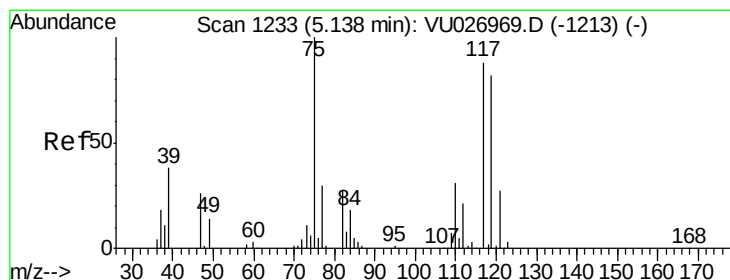
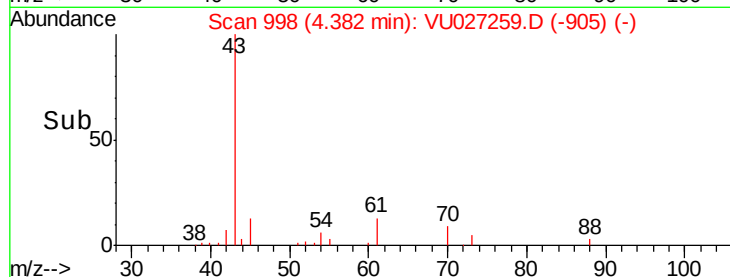
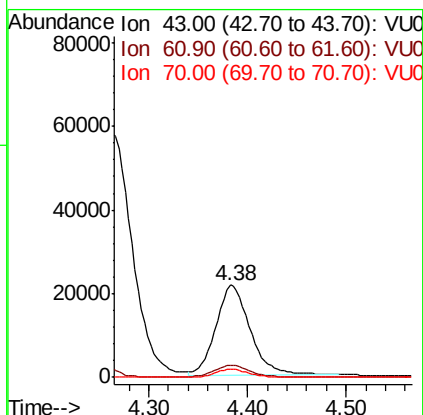
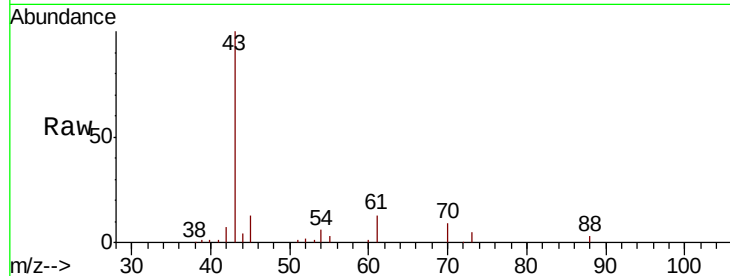
#37
Ethyl Acetate
Concen: 22.231 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.5	15.7
70	8.6	7.4	11.0

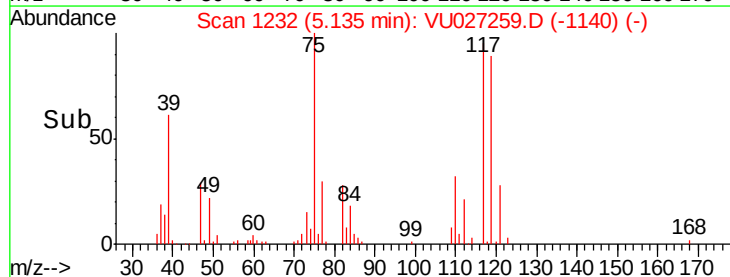
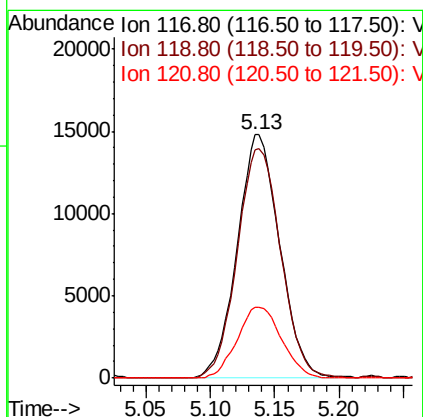
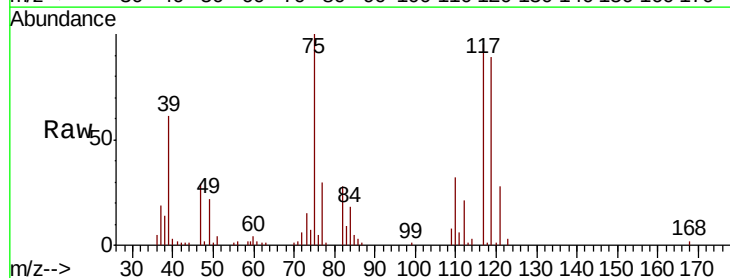
Manual Integrations
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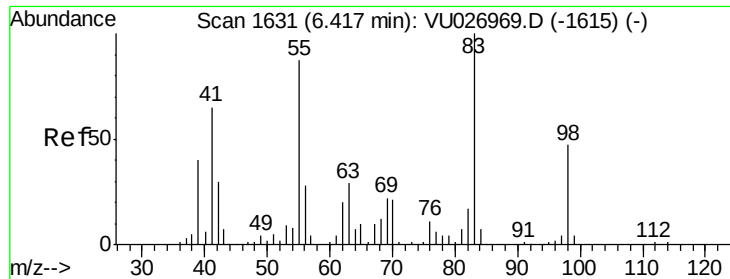
MMDadoda
10/2/2018 1:07:44 PM



#38
Carbon Tetrachloride
Concen: 20.203 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	74.4	111.6
121	29.3	24.2	36.4





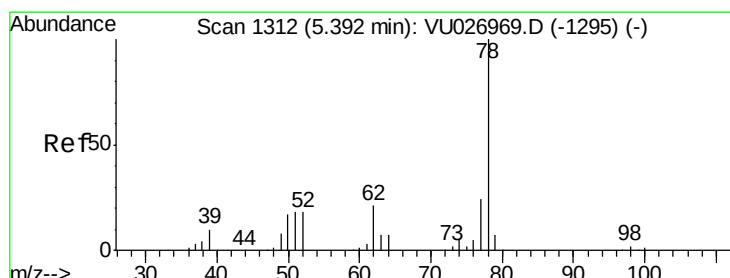
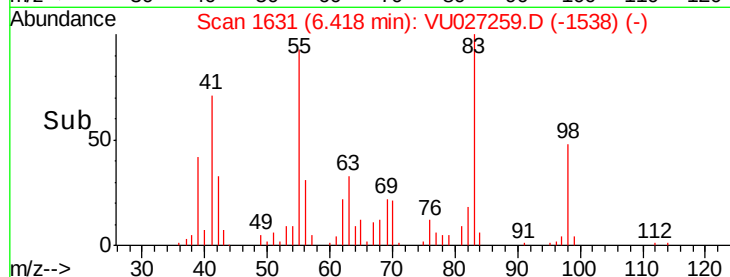
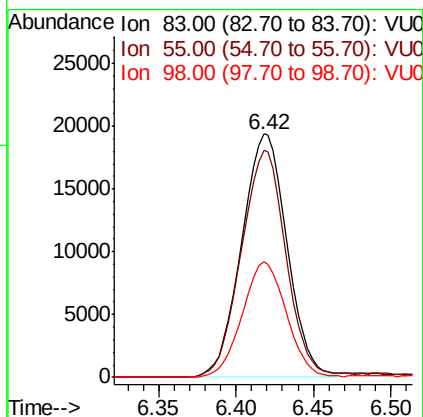
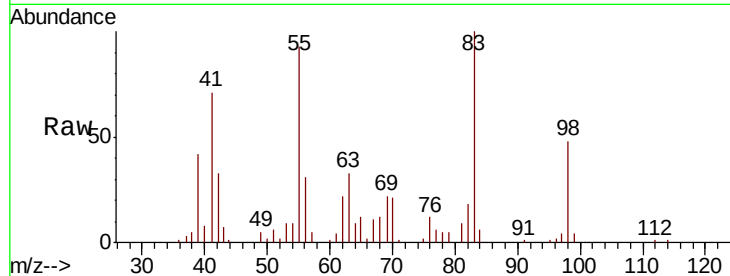
#39
Methylvlcyclohexane
Concen: 20.666 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion	83.00	Resp	39618
Ion	Ratio	Lower	Upper
83	100		
55	93.3	69.9	104.9
98	47.5	37.5	56.3

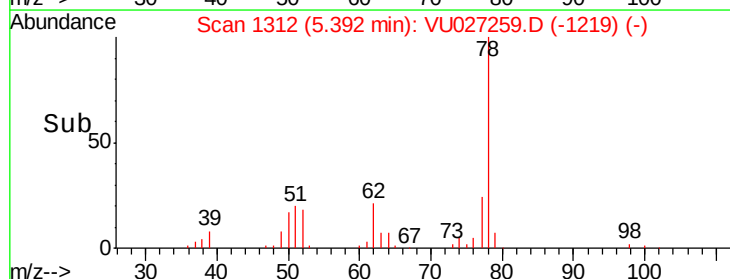
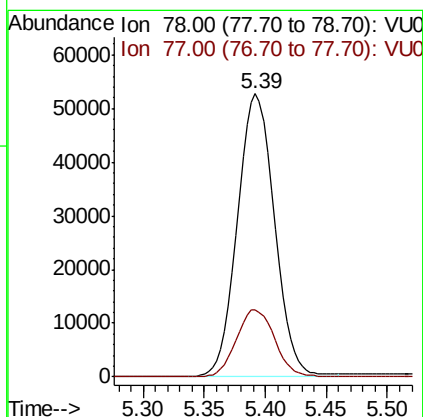
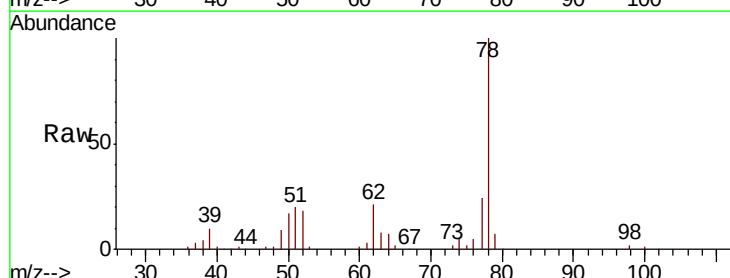
Manual Integrations
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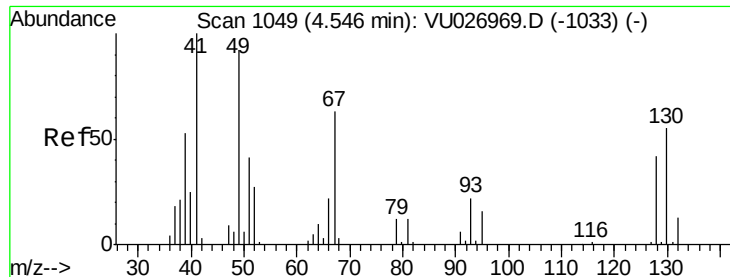
MMDadoda
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#40
Benzene
Concen: 20.762 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion	78.00	Resp	111342
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.0





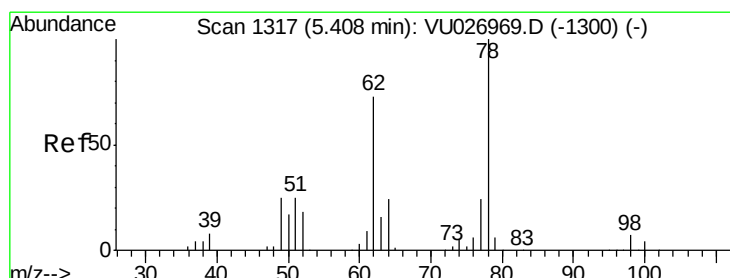
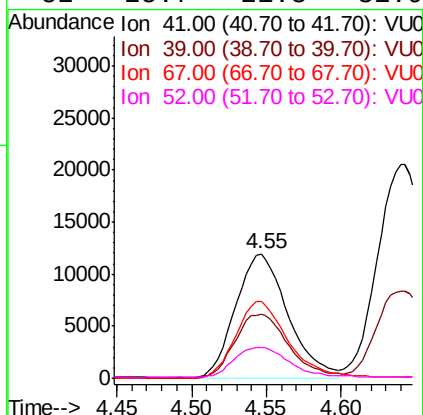
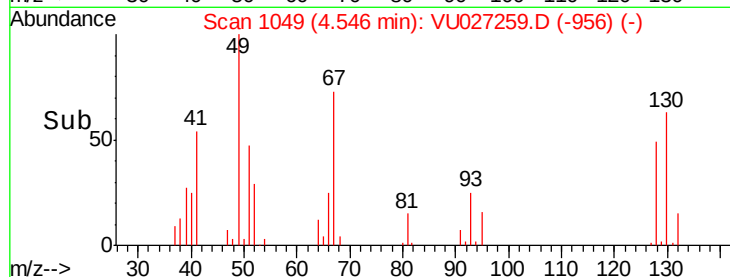
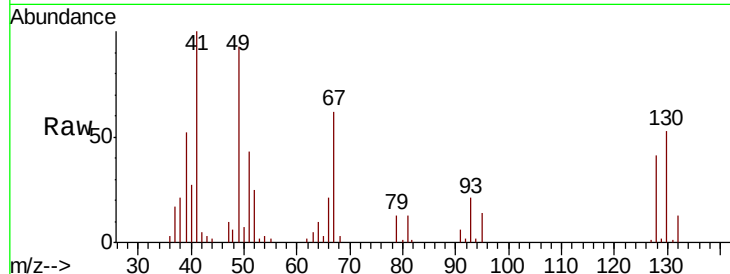
#41
Methacrylonitrile
Concen: 23.455 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.5	42.9	64.3	
67	62.4	52.4	78.6	
52	25.7	21.3	31.9	

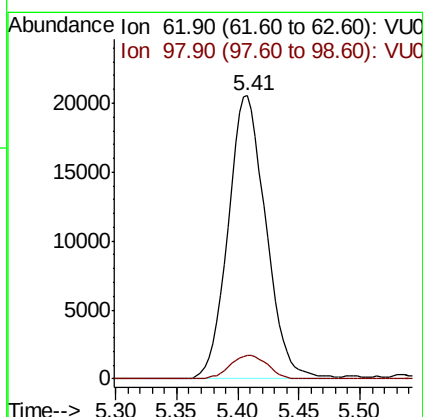
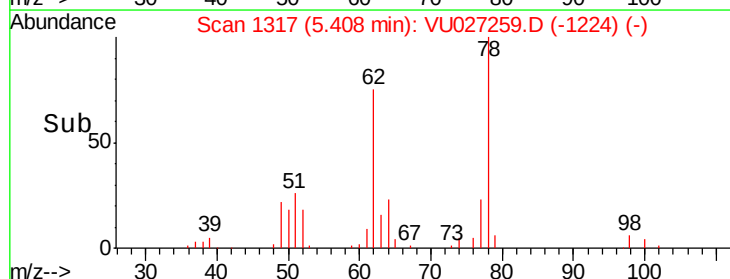
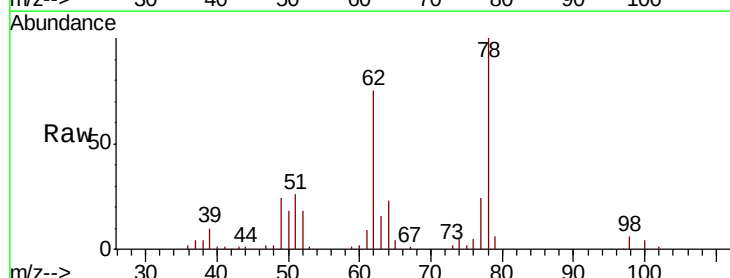
Manual Integrations
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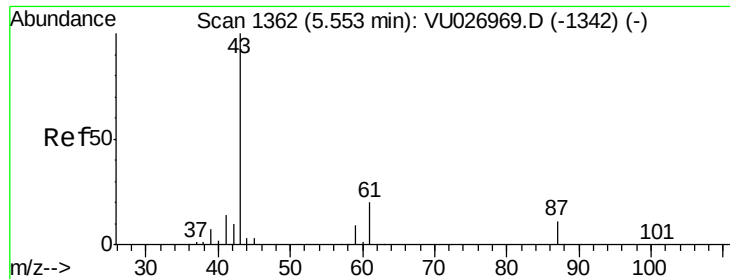
MMDadoda
10/2/2018 1:07:44 PM



#42
1,2-Dichloroethane
Concen: 21.865 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	17.0	





#43

Isopropyl Acetate

Concen: 23.117 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

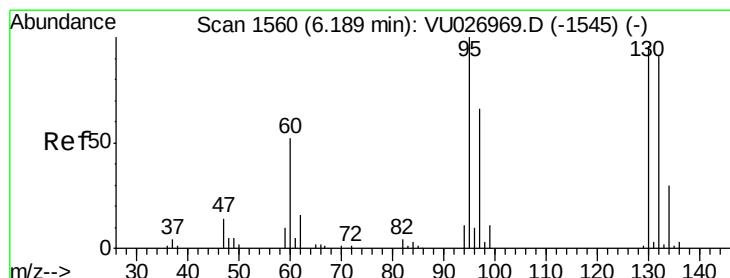
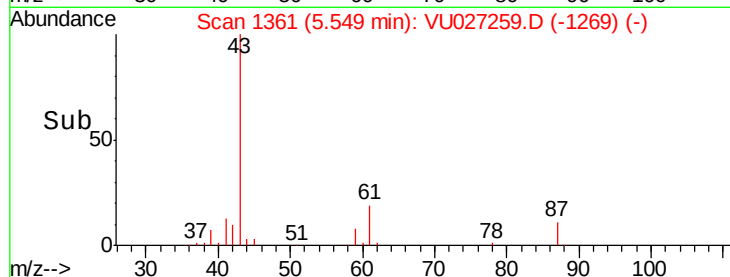
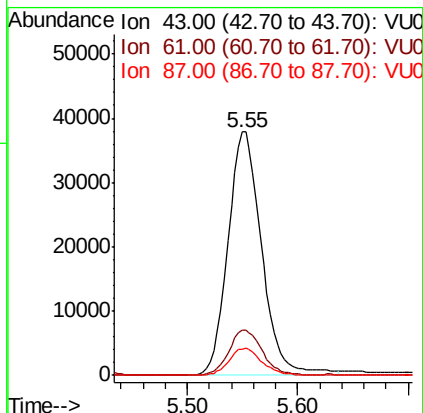
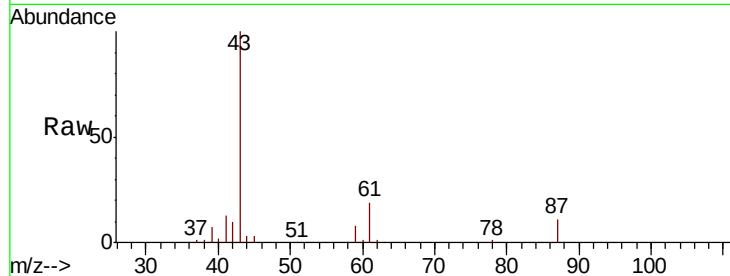
ClientSampleId :

VU0928WBSD02

Tot Ion:	43	Resp:	80509
Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.7	23.5
87	10.7	9.0	13.4

Manual Integrations
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10/2/2018 1:07:44 PM



#44

Trichloroethene

Concen: 20.861 ug/l

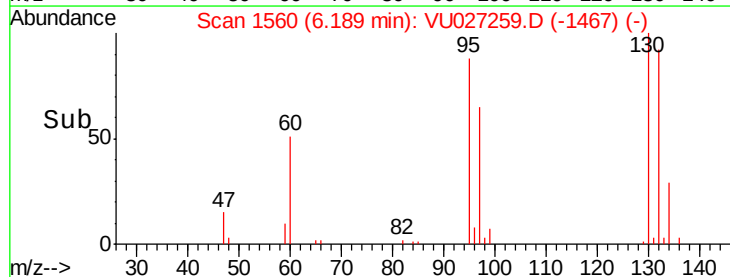
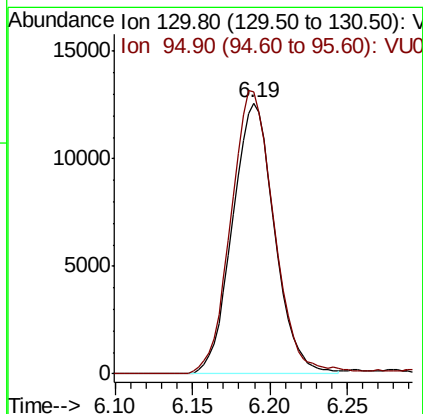
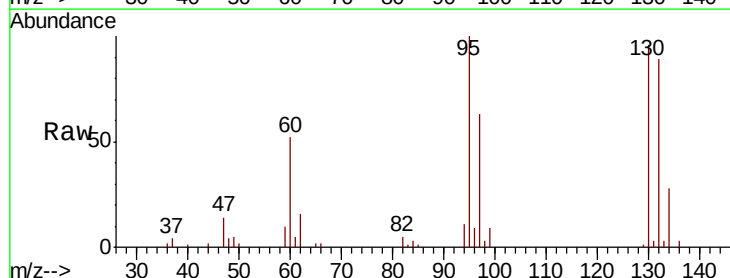
RT: 6.19 min Scan# 1560

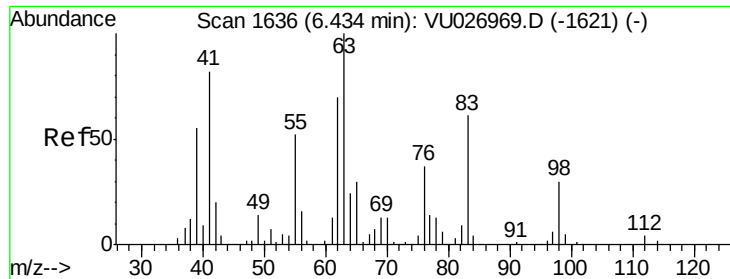
Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Tgt Ion:	130	Resp:	23816
Ion	Ratio	Lower	Upper
130	100		
95	104.2	0.0	208.8





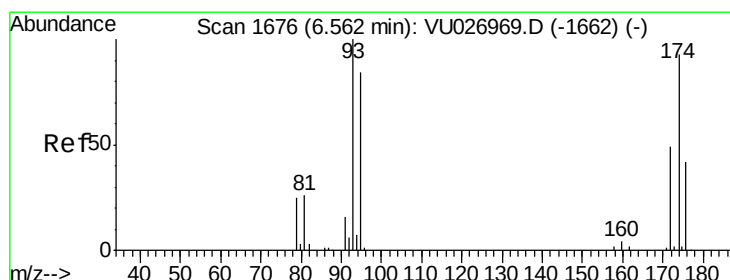
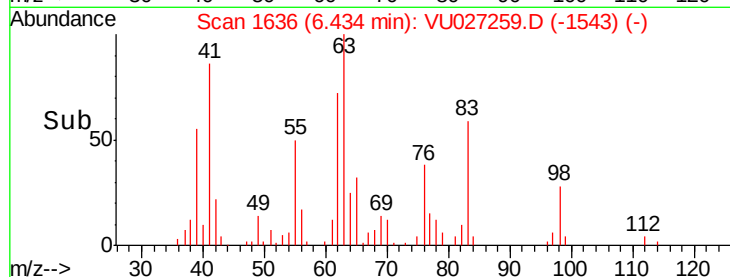
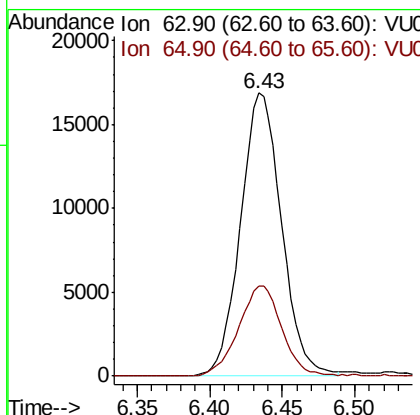
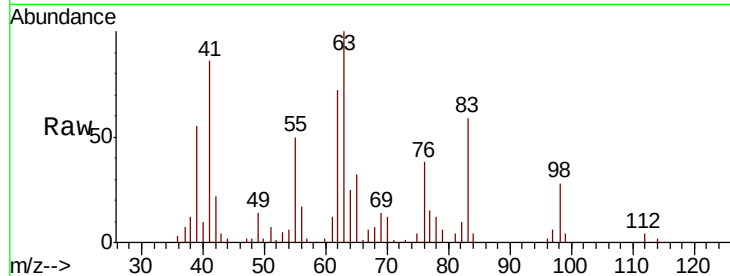
#45
 1,2-Dichloropropane
 Concen: 21.748 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	24.3	36.5

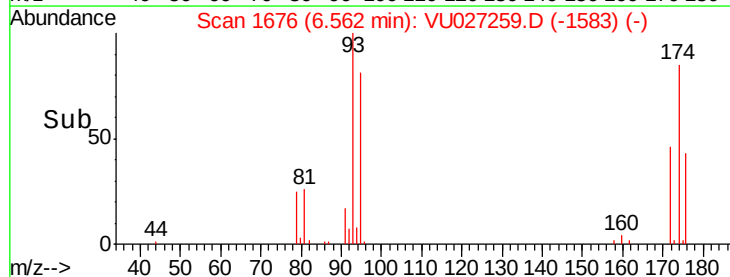
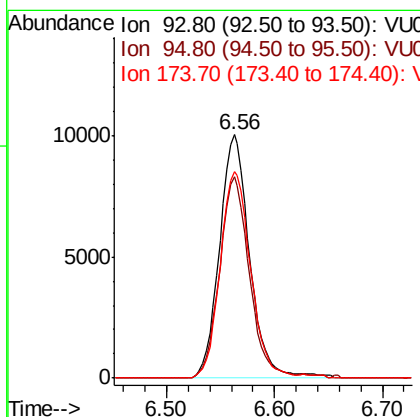
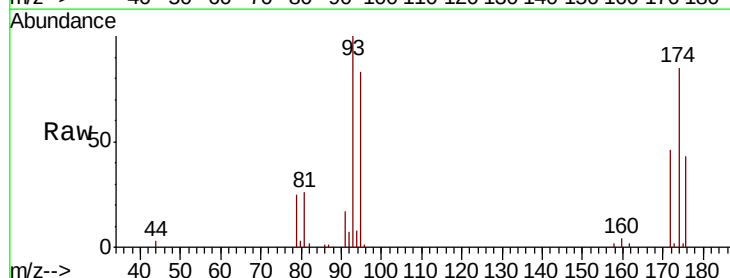
Manual Integrations
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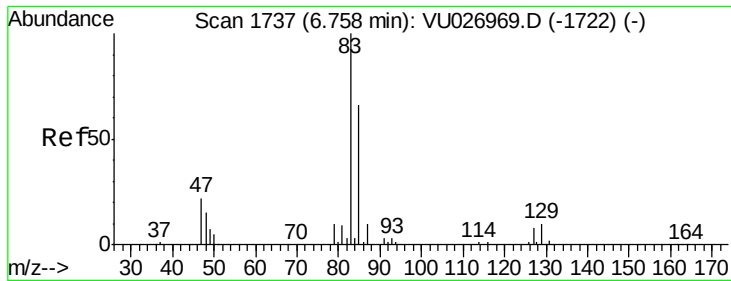
MMDadoda
 10/2/2018 1:07:44 PM



#46
 Dibromomethane
 Concen: 21.137 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.3	66.2	99.4
174	85.7	71.7	107.5





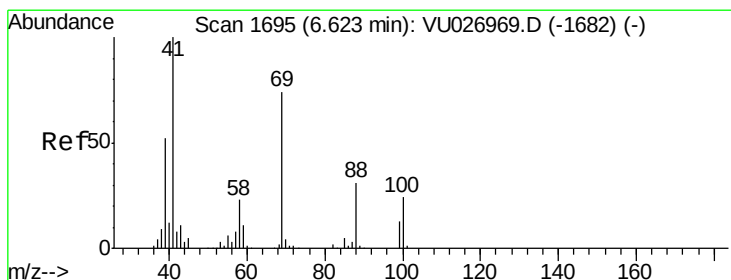
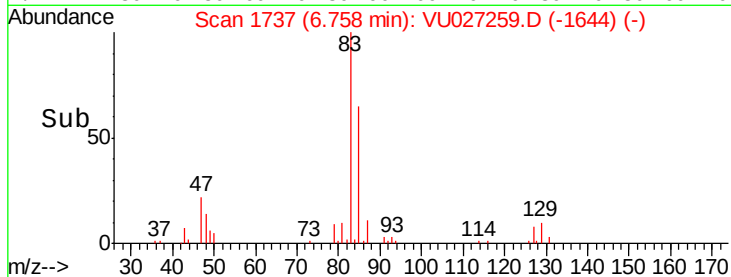
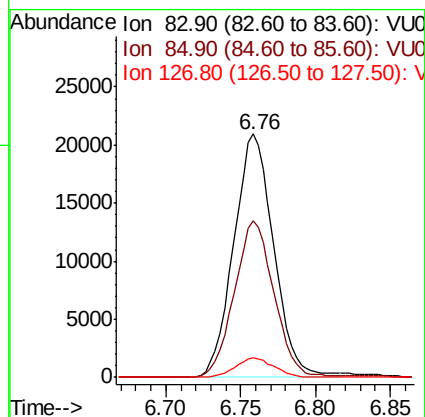
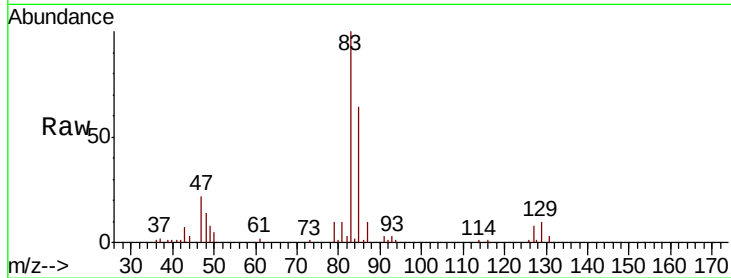
#47
Bromodichloromethane
Concen: 20.883 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion	83	Resp	38968
Ion Ratio	100	Lower	Upper
83	100		
85	64.2	52.5	78.7
127	7.8	6.3	9.5

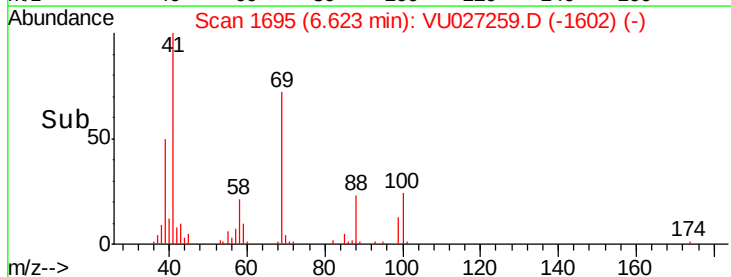
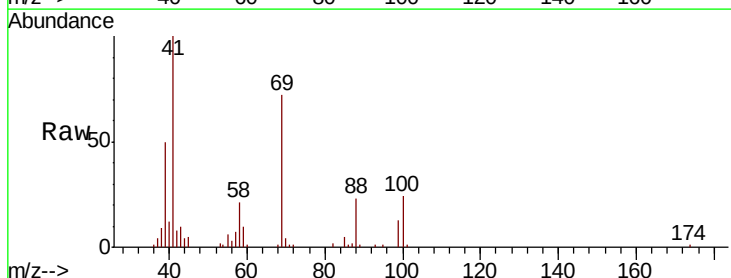
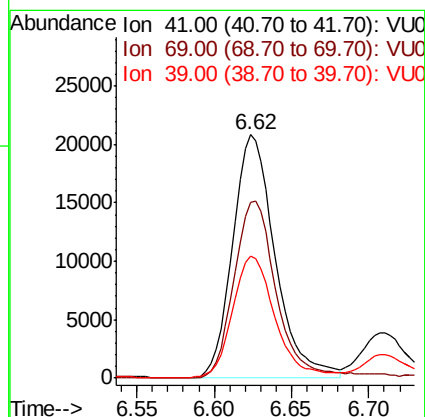
Manual Integrations
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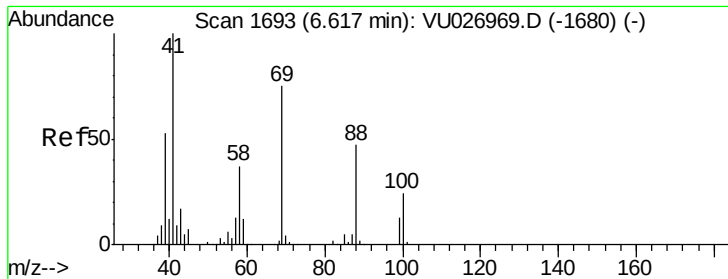
MMDadoda
10/2/2018 1:07:44 PM



#48
Methyl methacrylate
Concen: 21.590 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion	41	Resp	39812
Ion Ratio	100	Lower	Upper
41	100		
69	72.5	60.6	90.8
39	49.9	42.8	64.2





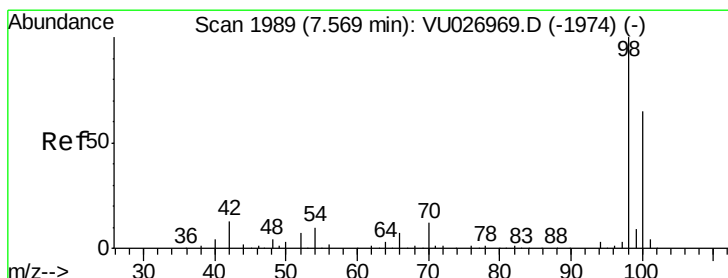
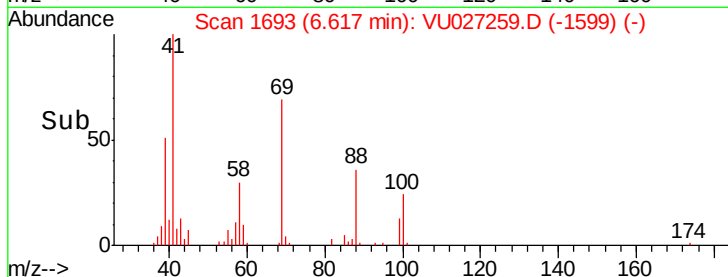
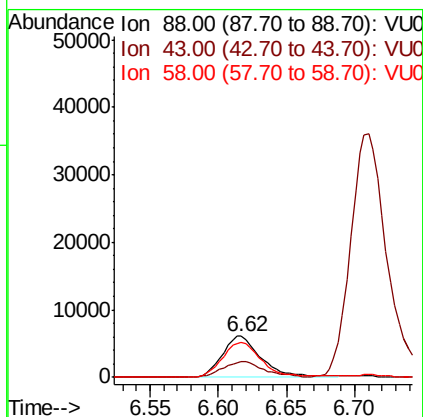
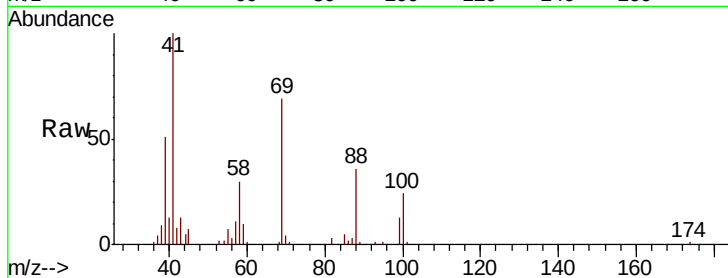
#49
1,4-Dioxane
Concen: 323.974 ug/l
RT: 6.62 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.0	29.8	44.8
58	84.7	63.9	95.9

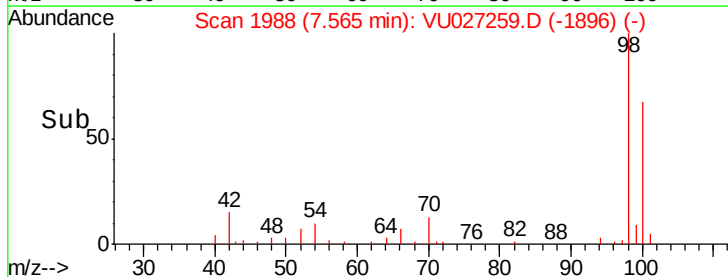
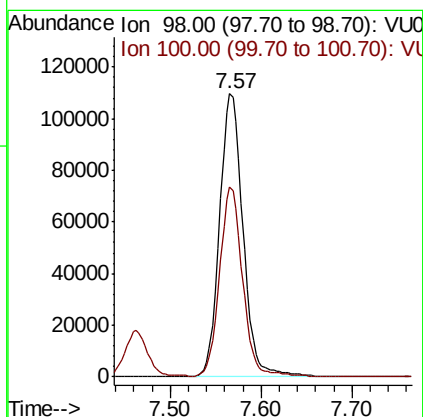
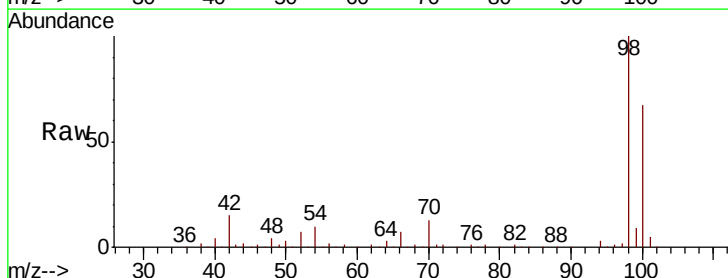
Manual Integrations
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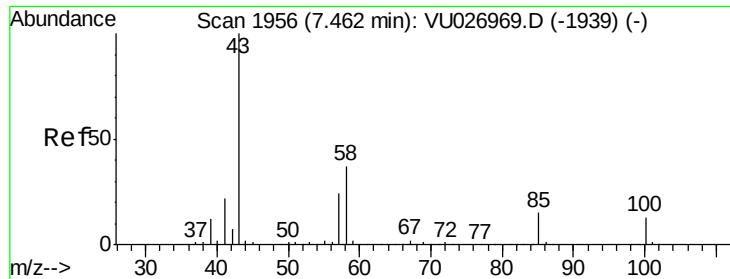
MMDadoda
10/2/2018 1:07:44 PM



#50
Toluene-d8
Concen: 45.130 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 113.513 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD02

Tot Ion: 43 Resp: 265884

Ion Ratio Lower Upper

43 100

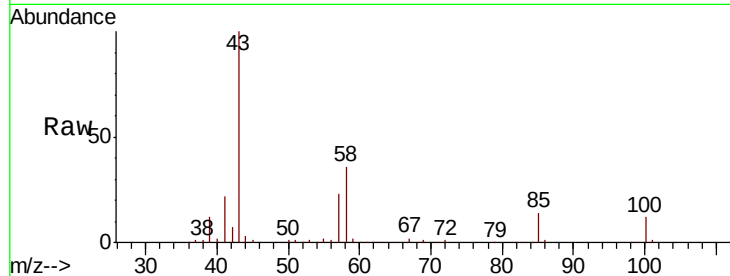
58 36.1 29.8 44.6

Manual Integrations

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10/2/2018 1:07:44 PM



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-1939) (-)

7.46

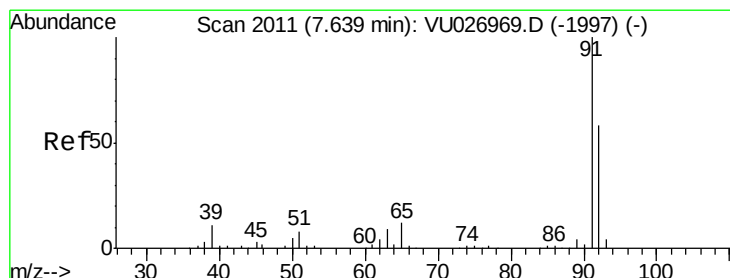
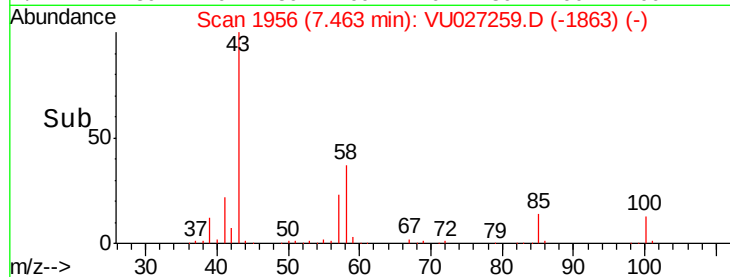
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.118 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027259.D

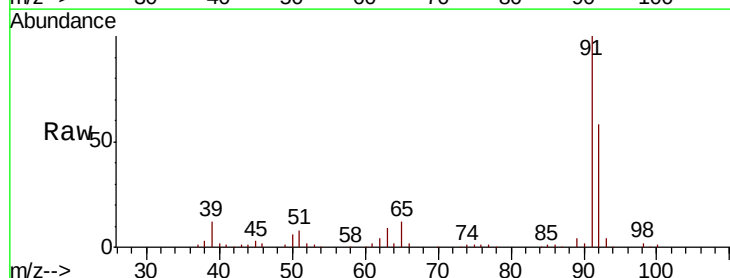
Acq: 28 Sep 2018 10:26

Tgt Ion: 92 Resp: 64916

Ion Ratio Lower Upper

92 100

91 175.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU026969.D (-1997) (-)

Ion 91.00 (90.70 to 91.70): VU026969.D (-1997) (-)

7.64

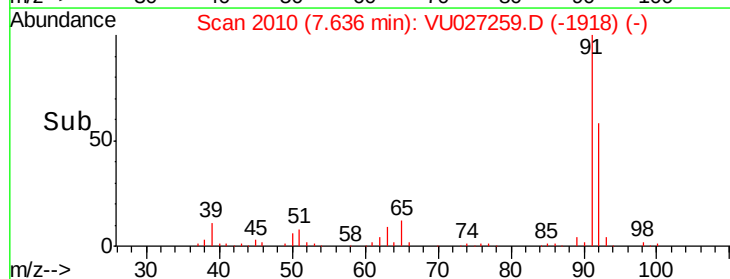
60000

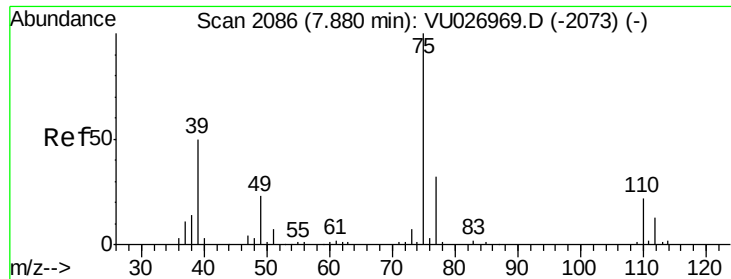
40000

20000

0

Time-->





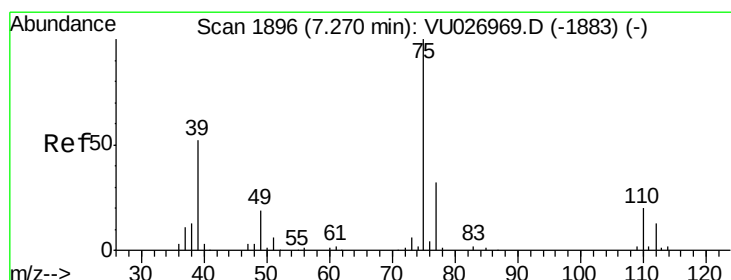
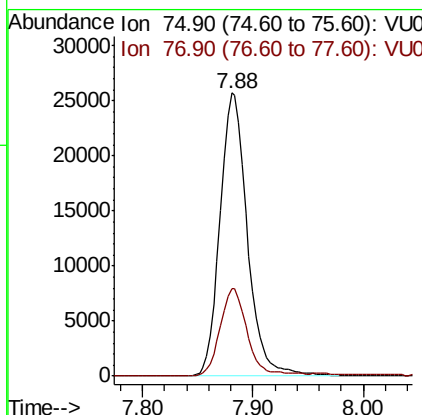
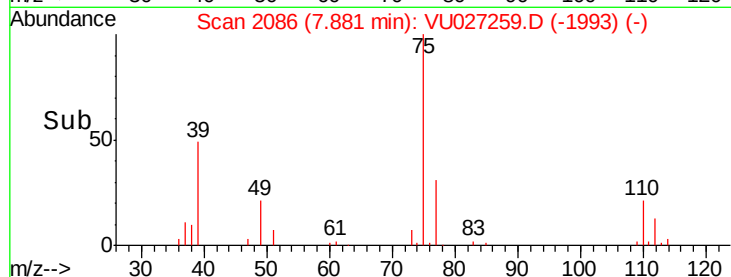
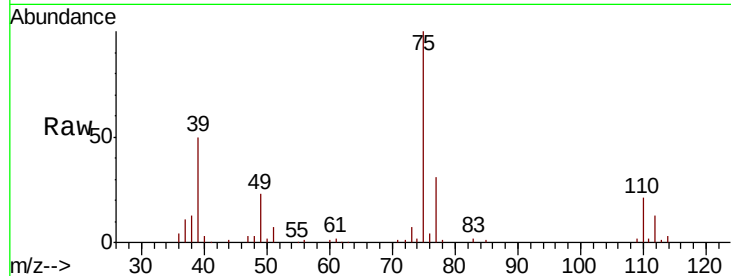
#53
t-1,3-Dichloropropene
Concen: 22.107 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion: 75 Resp: 44323
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9

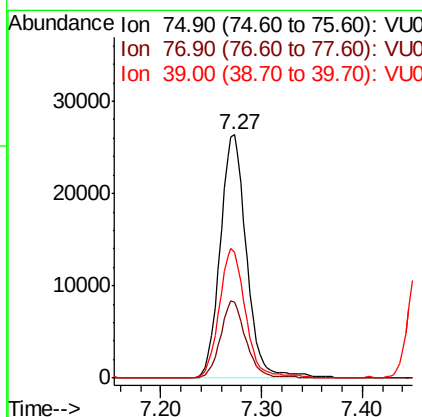
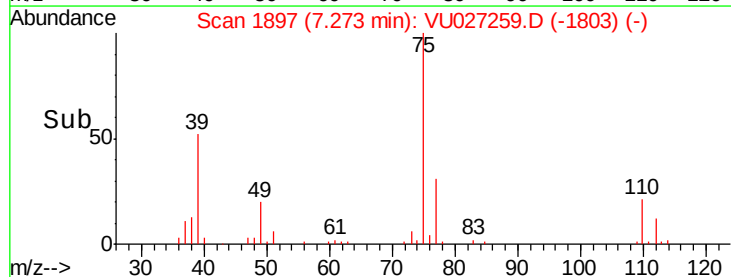
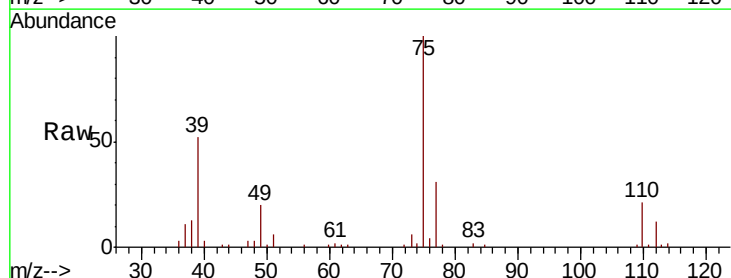
Manual Integrations
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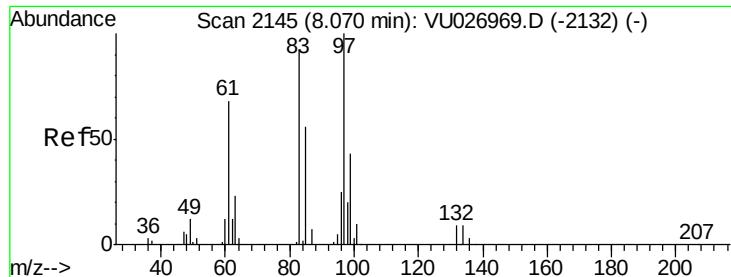
MMDadoda
10/2/2018 1:07:44 PM



#54
cis-1,3-Dichloropropene
Concen: 21.836 ug/l
RT: 7.27 min Scan# 1897
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion: 75 Resp: 48136
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
39 51.7 41.6 62.4





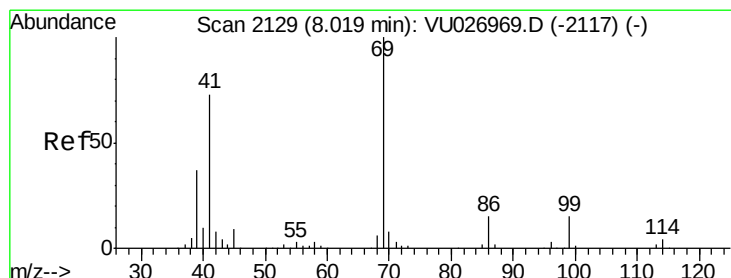
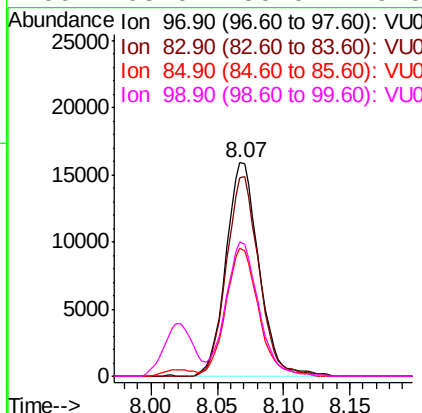
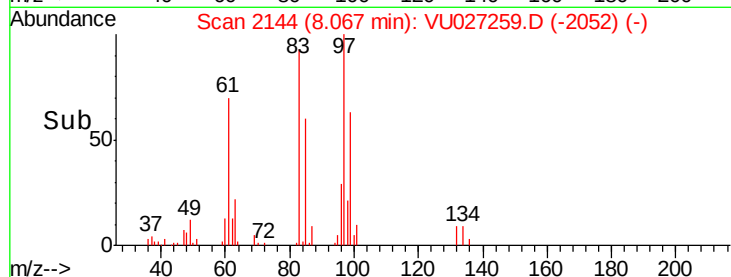
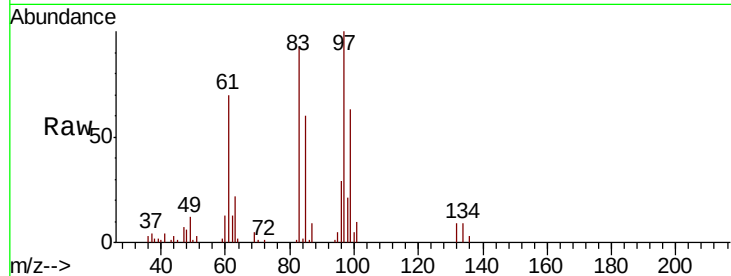
#55
 1,1,2-Trichloroethane
 Concen: 21.166 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

Tot Ion:	97	Resp:	27569
Ion	Ratio	Lower	Upper
97	100		
83	92.8	73.1	109.7
85	59.8	46.7	70.1
99	63.0	50.0	75.0

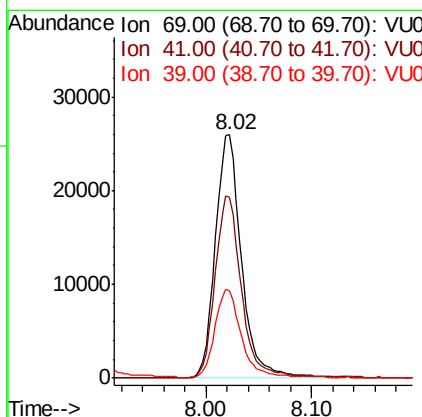
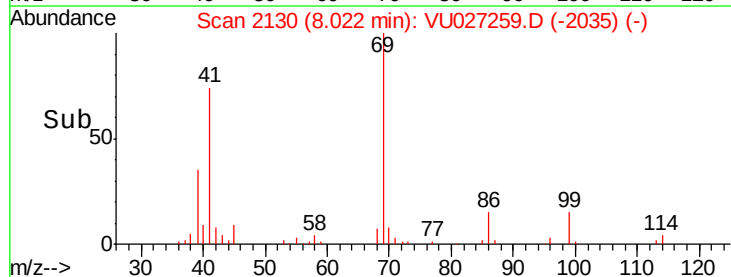
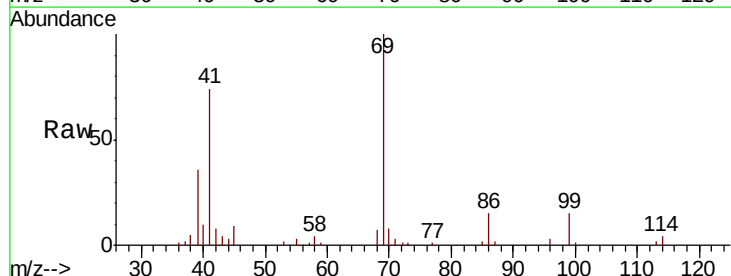
Manual Integrations
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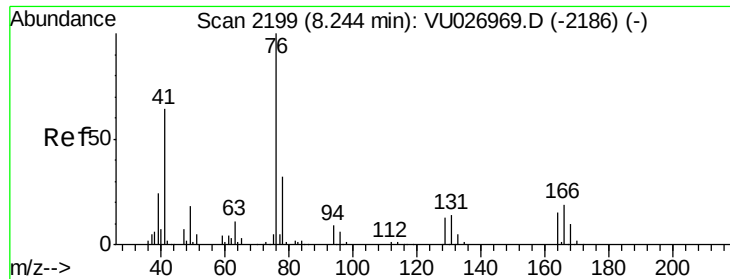
MMDadoda
 10/2/2018 1:07:44 PM



#56
 Ethyl methacrylate
 Concen: 21.094 ug/l
 RT: 8.02 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion:	69	Resp:	44673
Ion	Ratio	Lower	Upper
69	100		
41	75.3	59.0	88.4
39	37.1	30.2	45.4





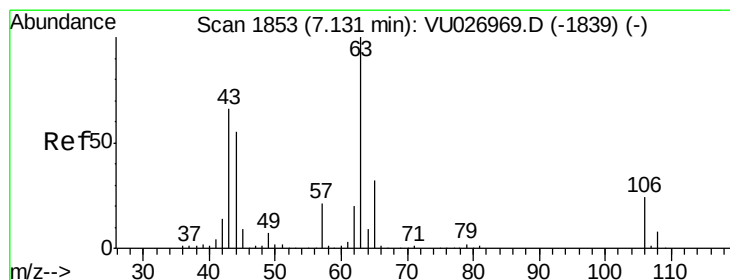
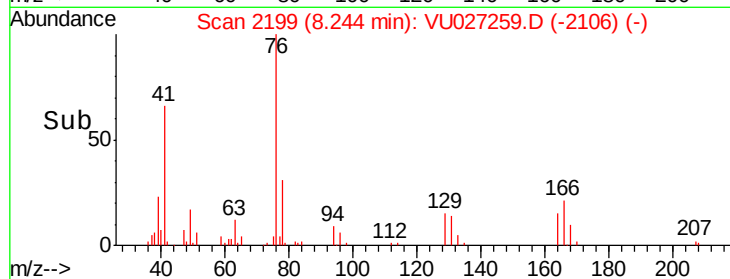
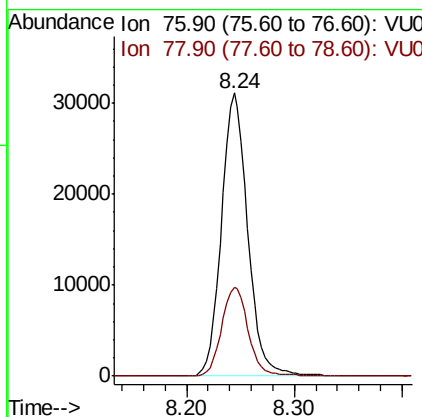
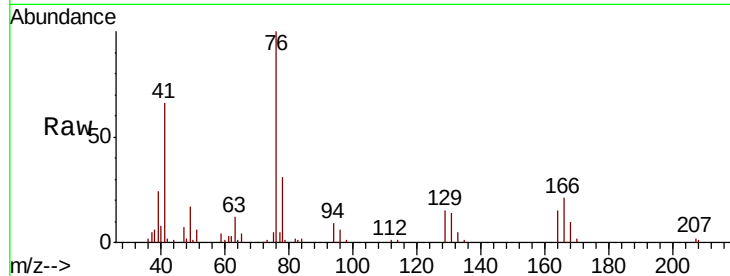
#57
 1,3-Dichloropropane
 Concen: 21.748 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

Tot Ion: 76 Resp: 52685
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.5 38.3

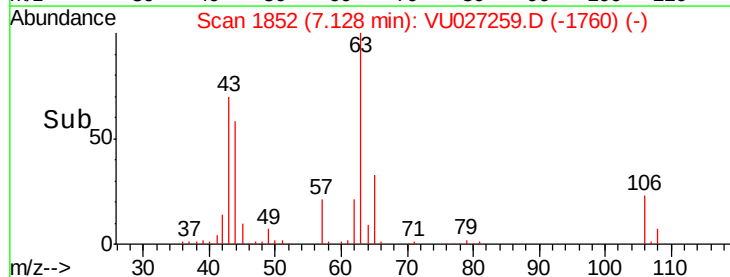
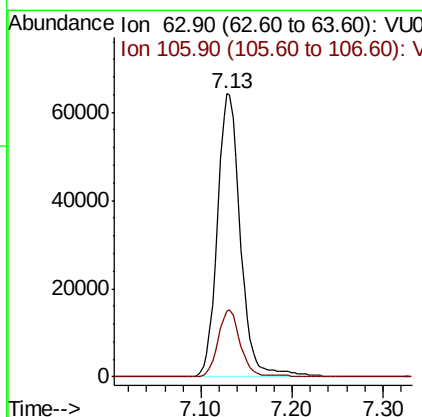
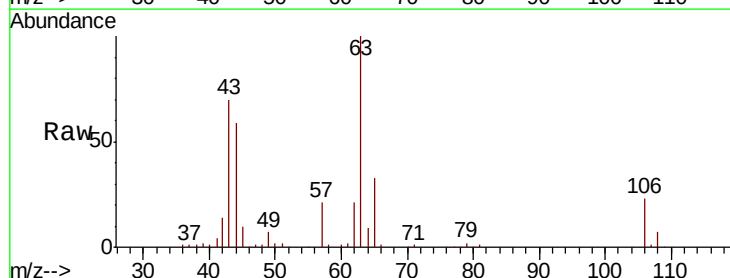
Manual Integrations
 APPROVED

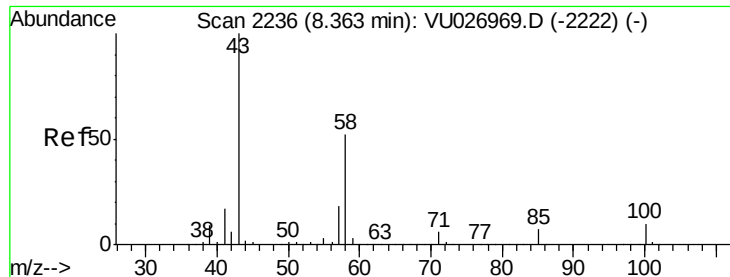
MMDadoda
 10/2/2018 1:07:44 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.541 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion: 63 Resp: 113377
 Ion Ratio Lower Upper
 63 100
 106 22.4 18.7 28.1





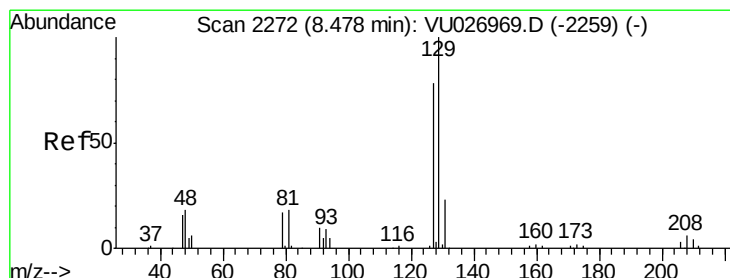
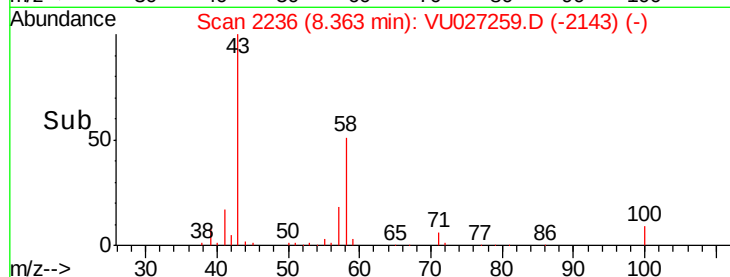
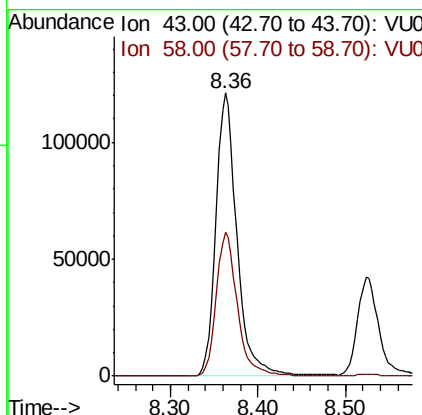
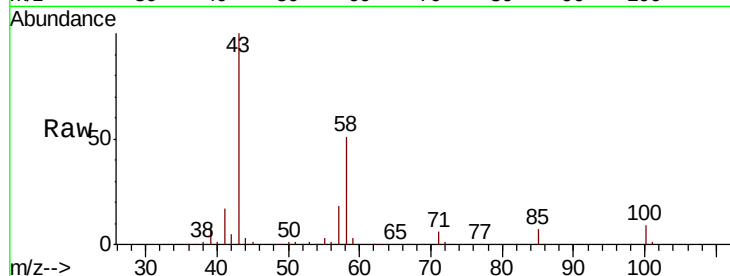
#59
2-Hexanone
Concen: 110.856 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.0	26.1	78.2

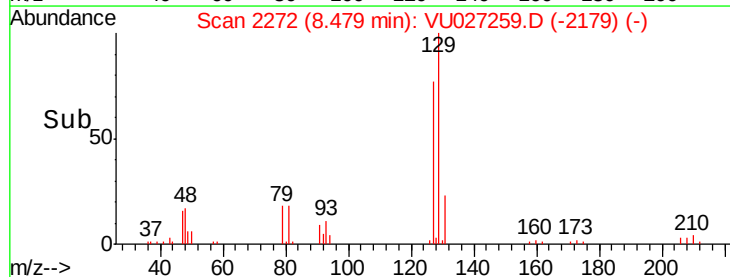
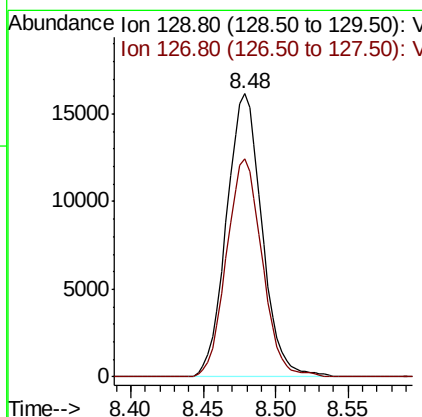
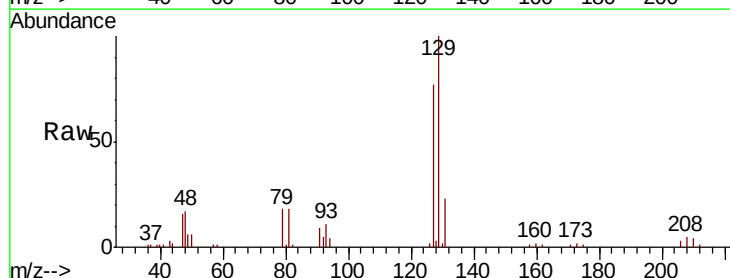
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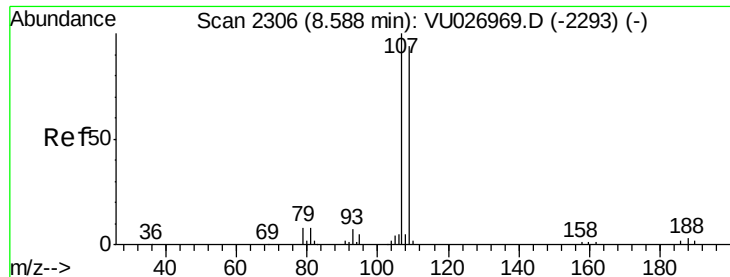
MMDadoda
10/2/2018 1:07:44 PM



#60
Dibromochloromethane
Concen: 21.473 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.1	114.5





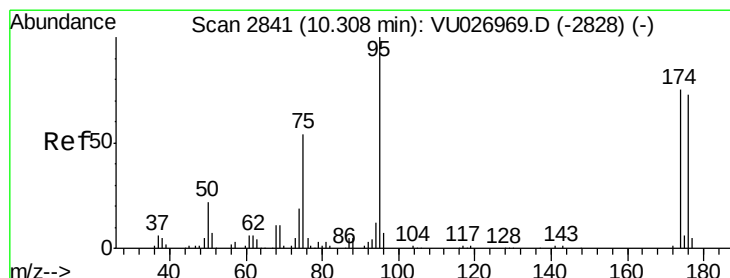
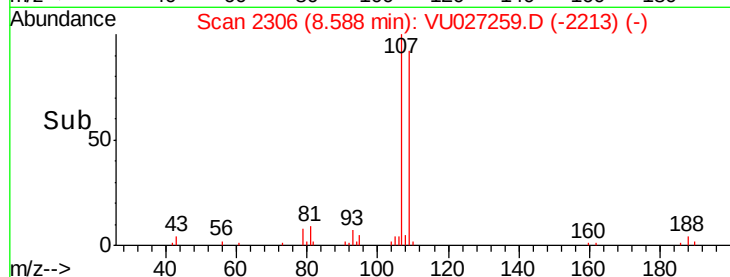
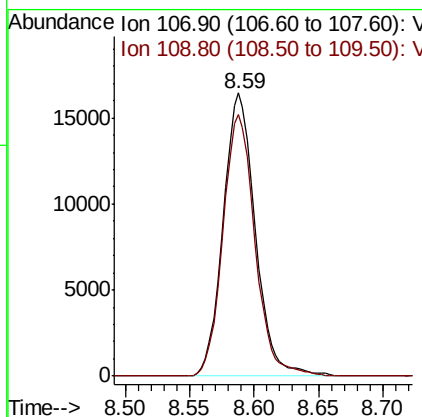
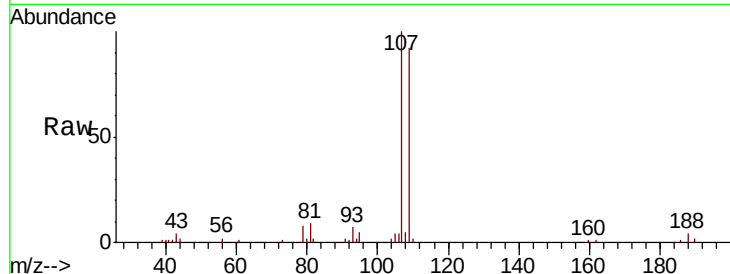
#61
 1,2-Dibromoethane
 Concen: 21.002 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.1	75.0	112.6

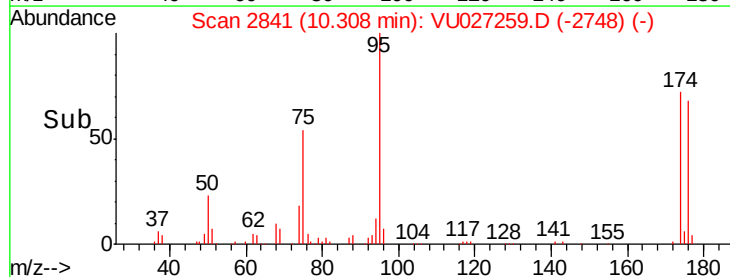
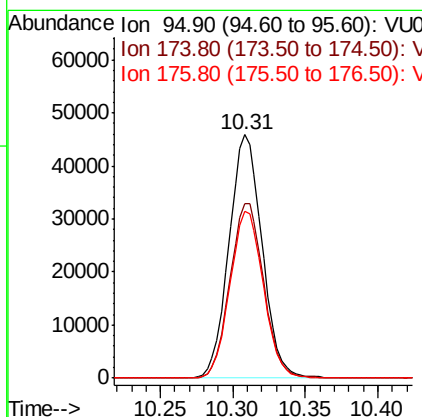
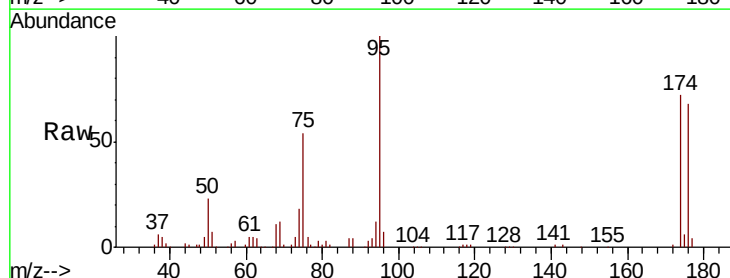
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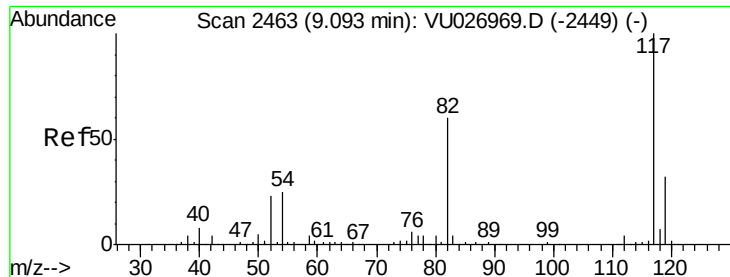
MMDadoda
 10/2/2018 1:07:44 PM



#62
 4-Bromofluorobenzene
 Concen: 48.350 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	150.2
176	69.5	0.0	145.2





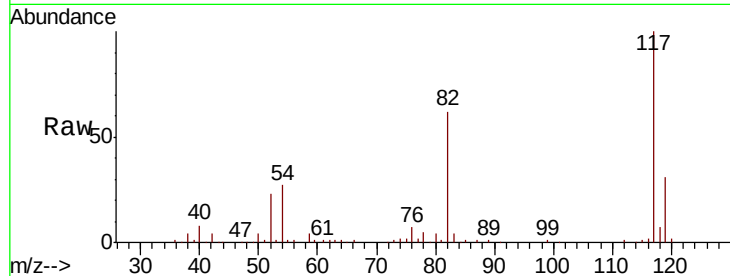
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.9	48.0	72.0
119	30.9	25.8	38.8

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10/2/2018 1:07:44 PM

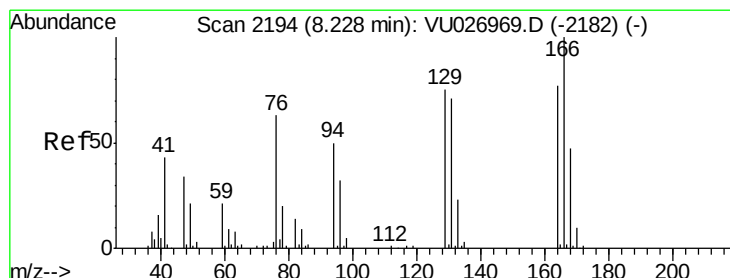
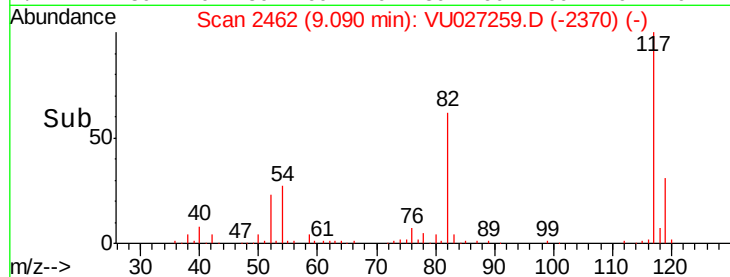
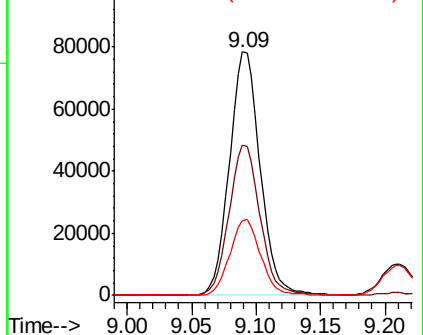


Abundance

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: 19.912 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.9	104.4	156.6
129	96.5	78.7	118.1
131	94.9	73.9	110.9

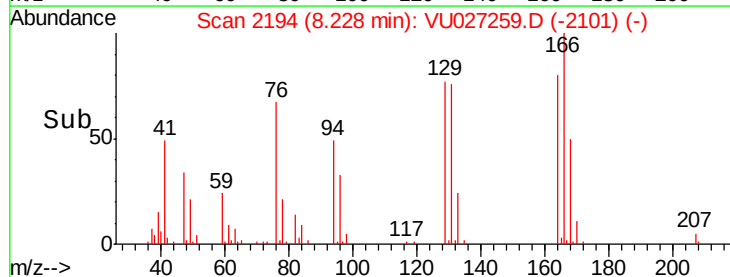
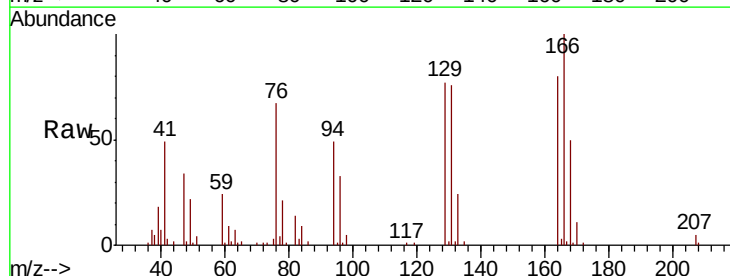
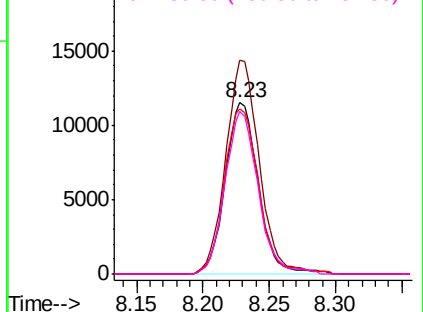
Abundance

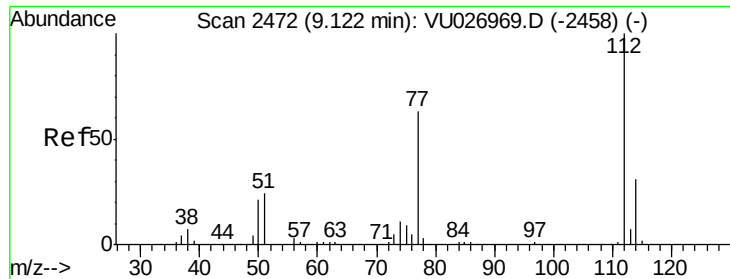
Ion 163.80 (163.50 to 164.50): V

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





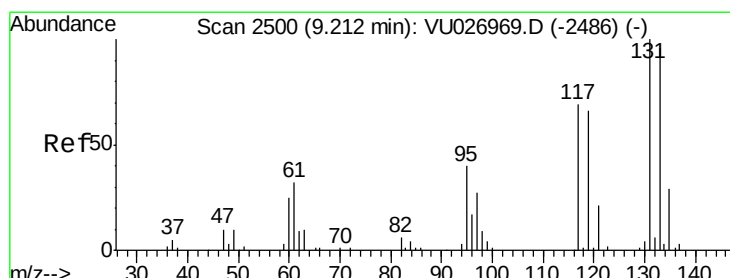
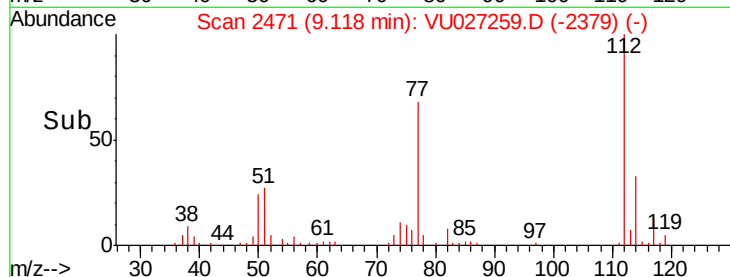
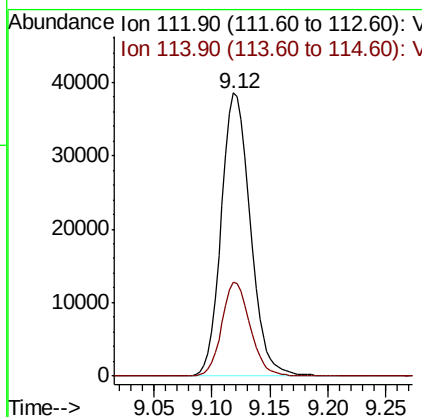
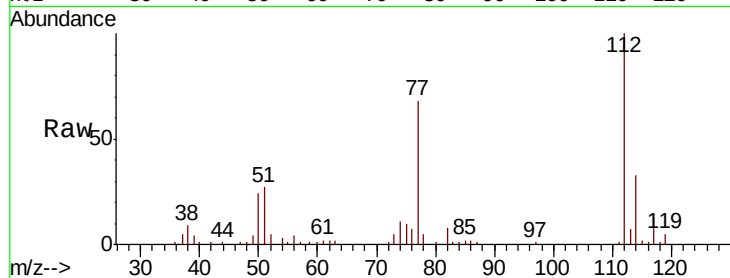
#65
Chlorobenzene
Concen: 19.441 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion:112 Resp: 66986
Ion Ratio Lower Upper
112 100
114 33.1 25.0 37.6

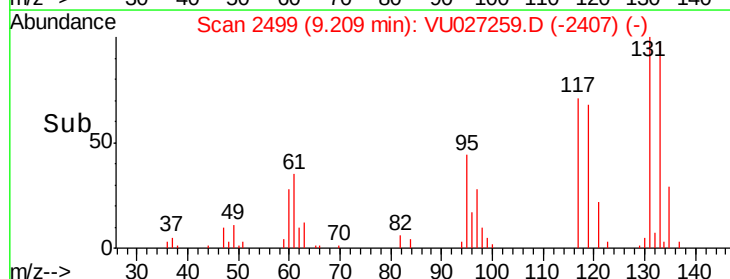
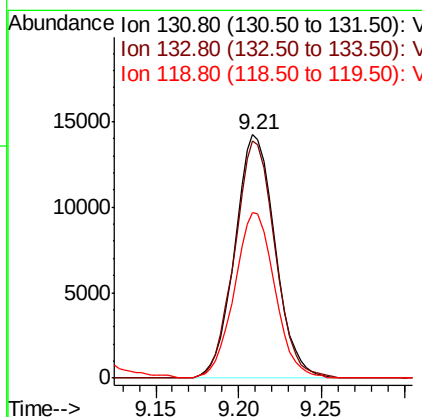
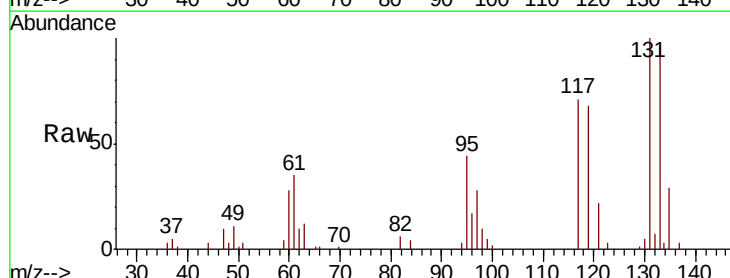
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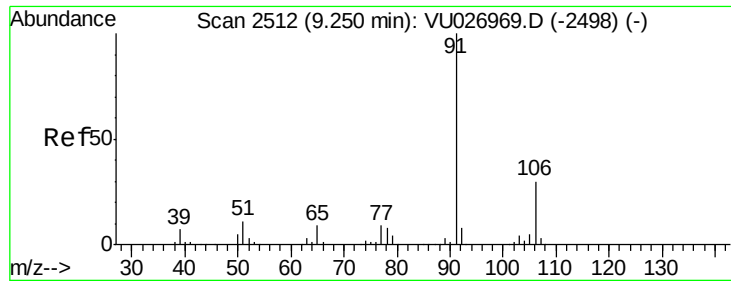
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10/2/2018 1:07:44 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.319 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion:131 Resp: 24114
Ion Ratio Lower Upper
131 100
133 97.3 48.0 144.2
119 67.9 33.4 100.1





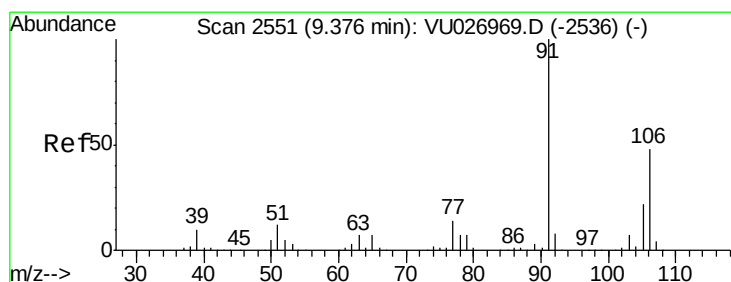
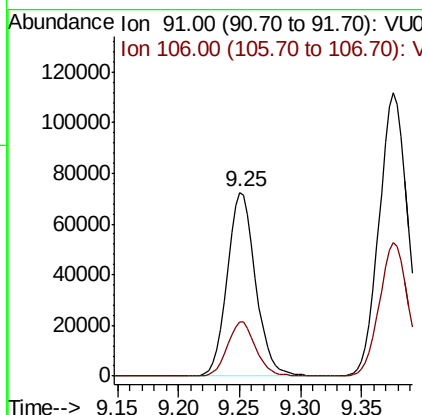
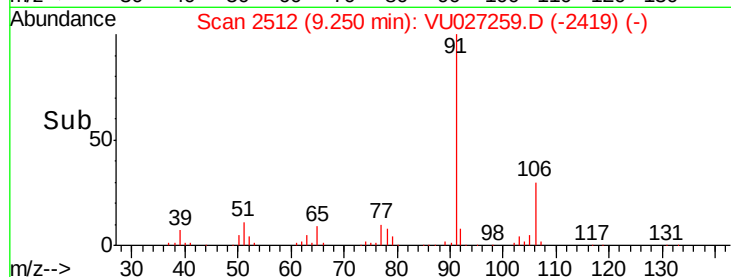
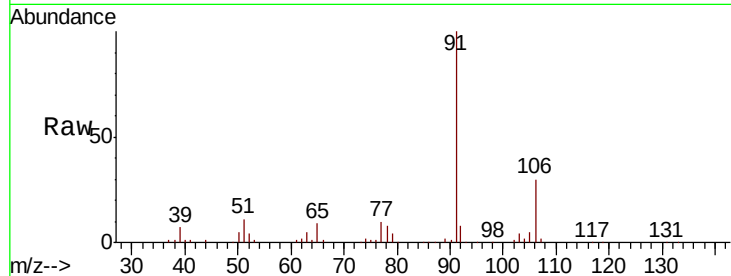
#67
Ethyl Benzene
Concen: 20.854 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion: 91 Resp: 118158
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.8

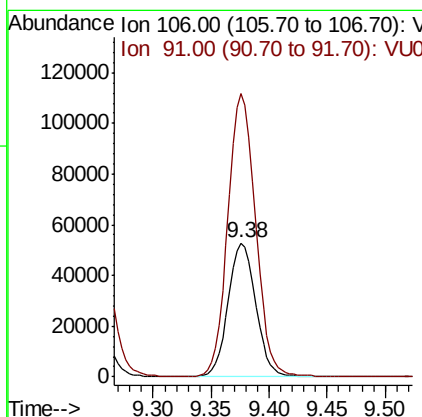
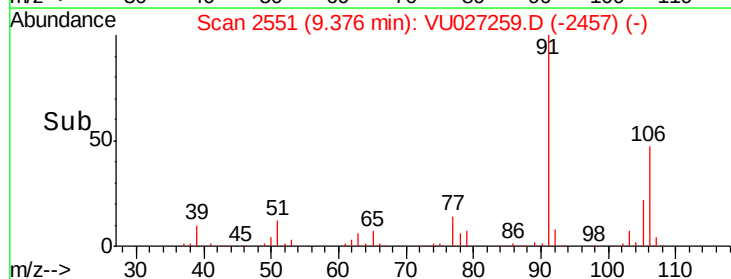
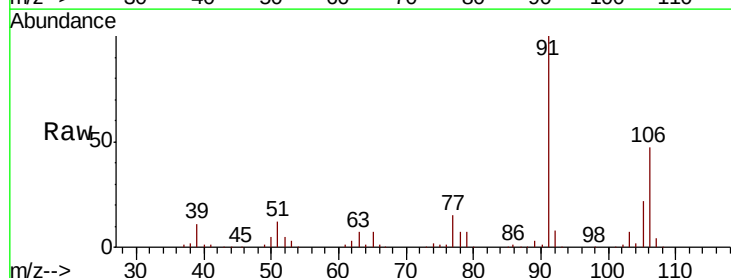
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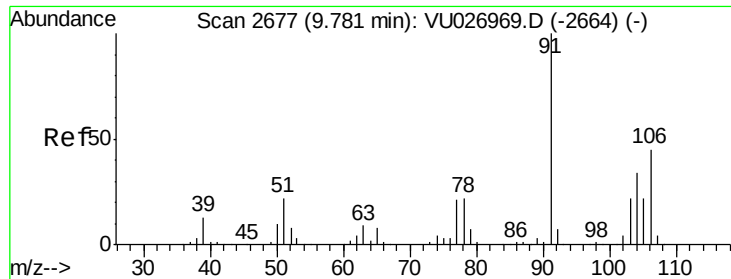
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10/2/2018 1:07:44 PM



#68
m/p-Xylenes
Concen: 39.099 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion: 106 Resp: 87587
Ion Ratio Lower Upper
106 100
91 210.8 166.5 249.7





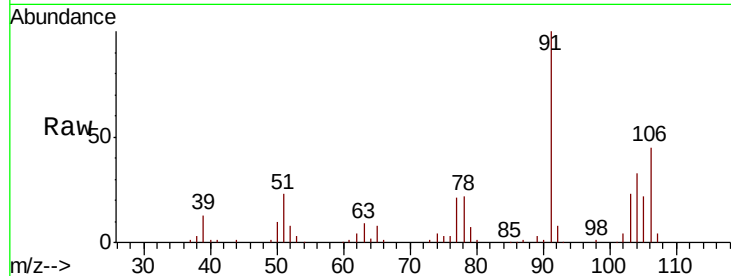
#69
o-Xylene
Concen: 21.196 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

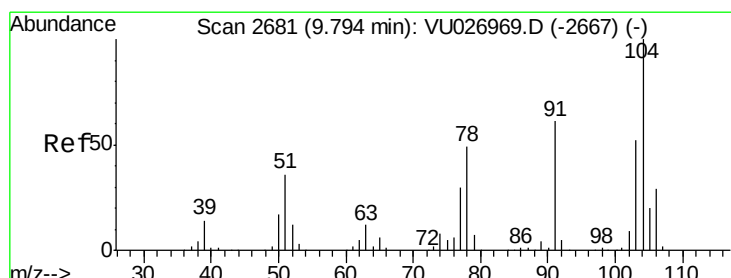
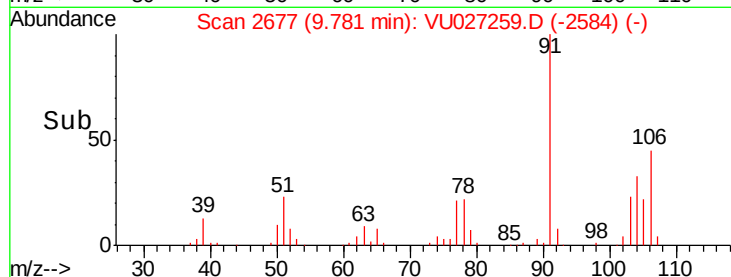
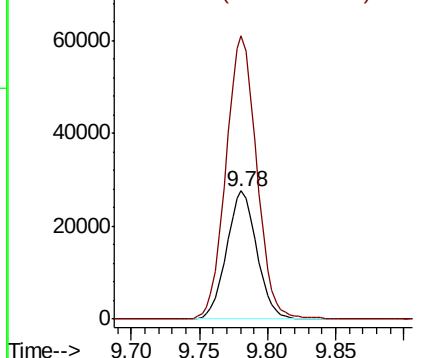
Tot Ion:106 Resp: 42551
Ion Ratio Lower Upper
106 100
91 224.4 110.2 330.6

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10/2/2018 1:07:44 PM

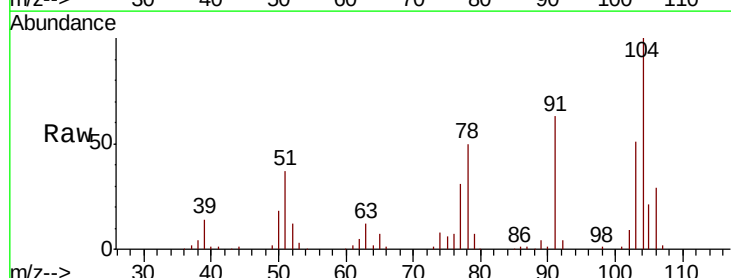


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

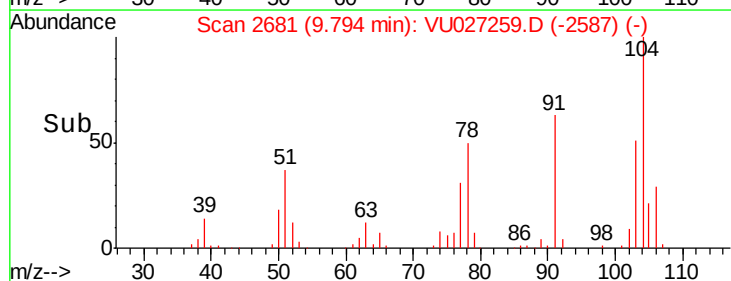
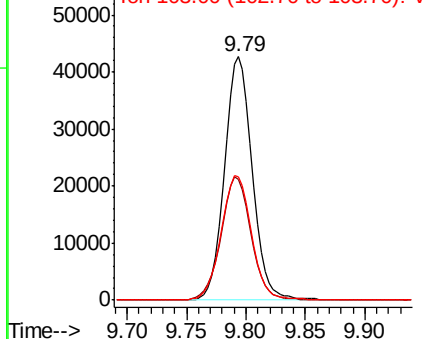


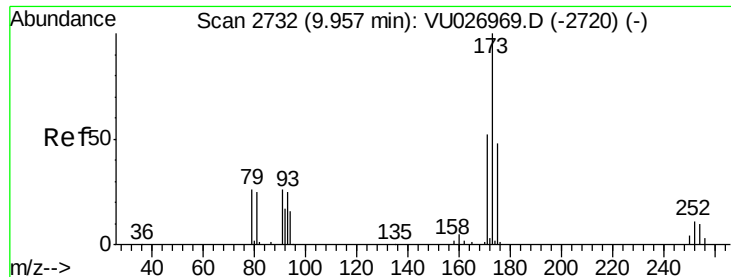
#70
Styrene
Concen: 19.493 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion:104 Resp: 68769
Ion Ratio Lower Upper
104 100
78 54.9 43.0 64.4
103 56.0 44.1 66.1



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: 21.102 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

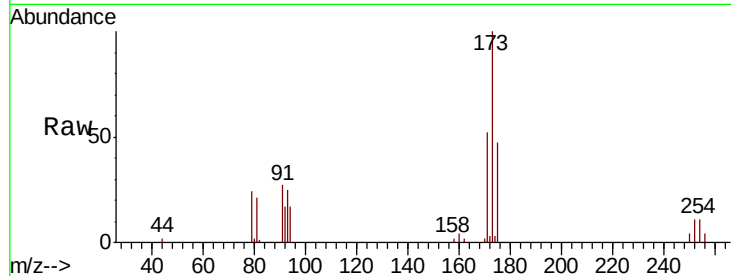
ClientSampleId :

VU0928WBSD02

Tot Ion:	173	Resp:	19366
Ion Ratio	Lower	Upper	
173	100		
175	48.1	23.9	71.8
254	0.0	0.0	0.0

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10/2/2018 1:07:44 PM

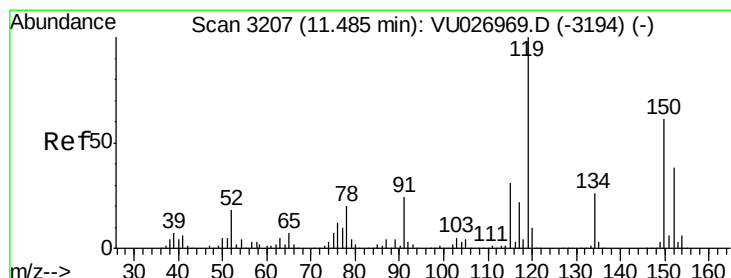
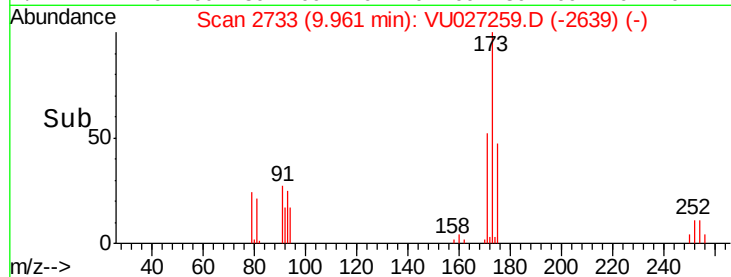
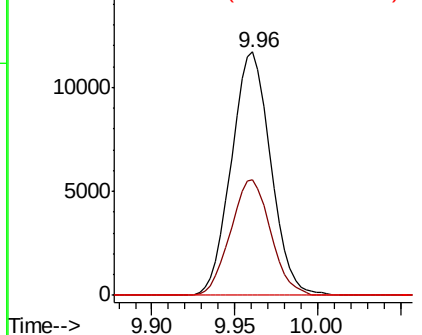


Abundance

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

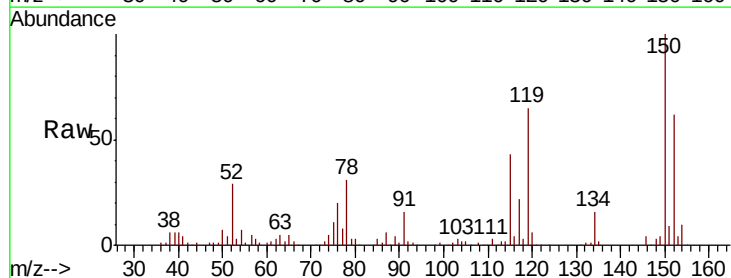
RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Tgt Ion:	152	Resp:	68172
Ion Ratio	Lower	Upper	
152	100		
115	70.8	44.9	134.5
150	164.8	0.0	355.8

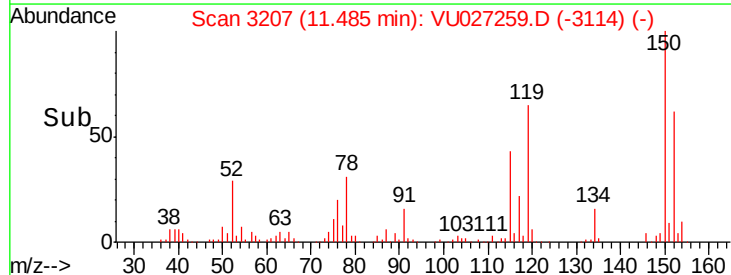
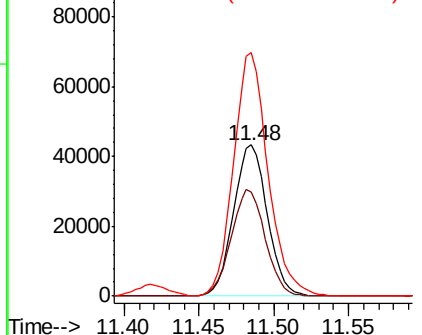


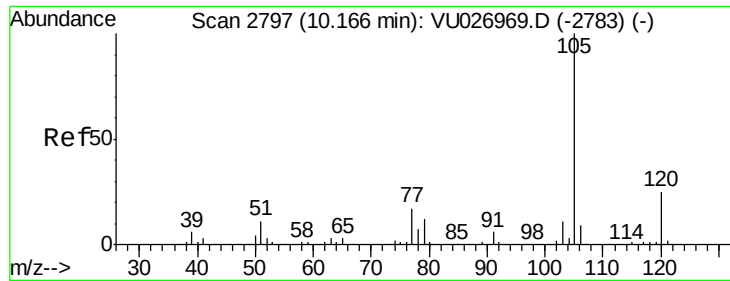
Abundance

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: 21.626 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD02

Tot Ion: 105 Resp: 112147

Ion Ratio Lower Upper

105 100

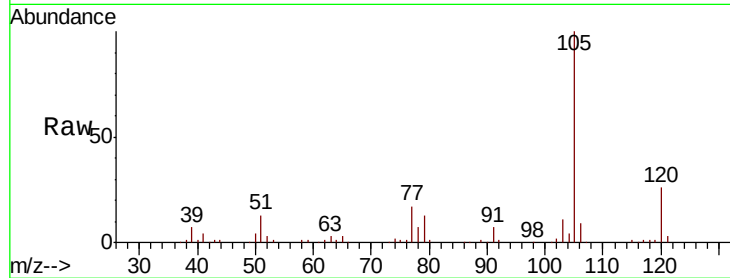
120 25.7 12.8 38.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

80000

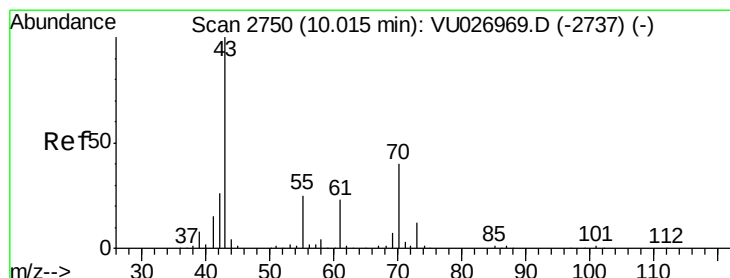
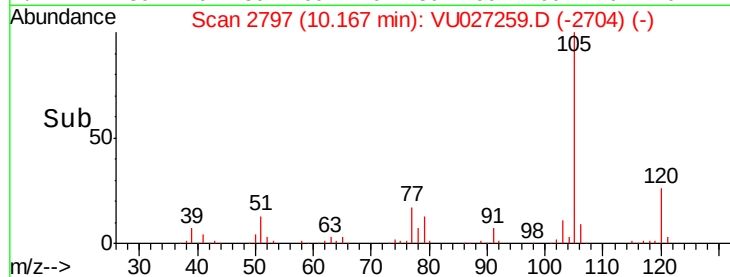
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 22.437 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Tgt Ion: 43 Resp: 67351

Ion Ratio Lower Upper

43 100

70 38.0 31.8 47.8

55 23.7 19.9 29.9

61 23.2 18.4 27.6

Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

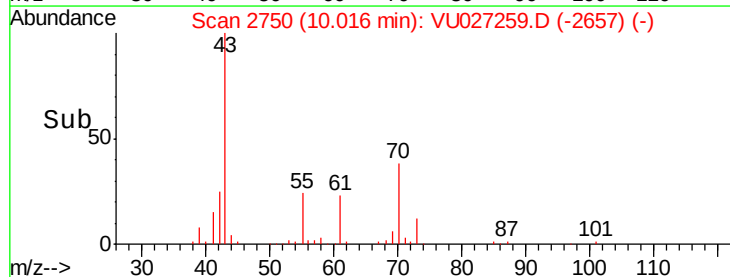
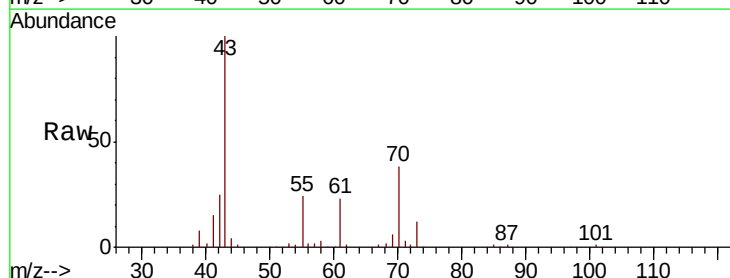
60000

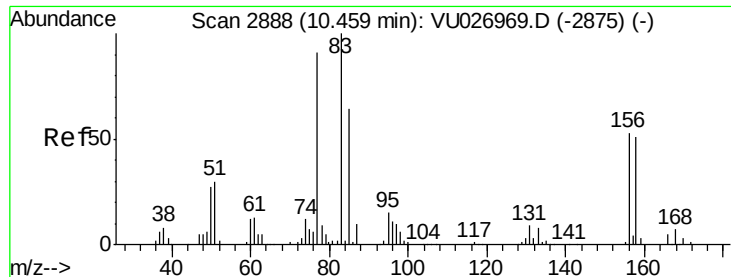
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.087 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

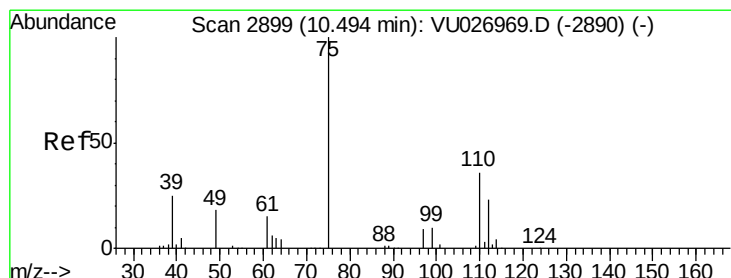
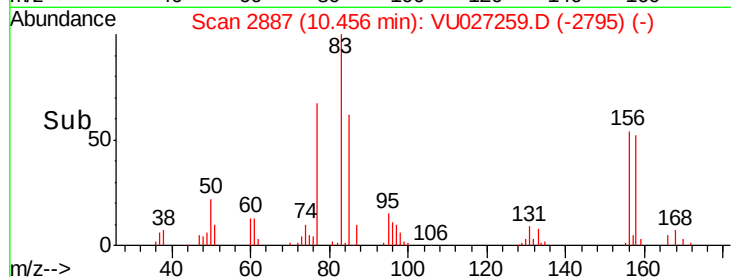
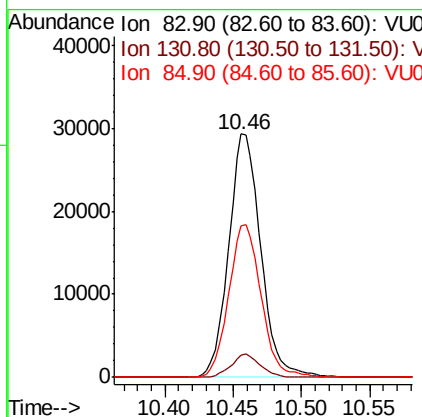
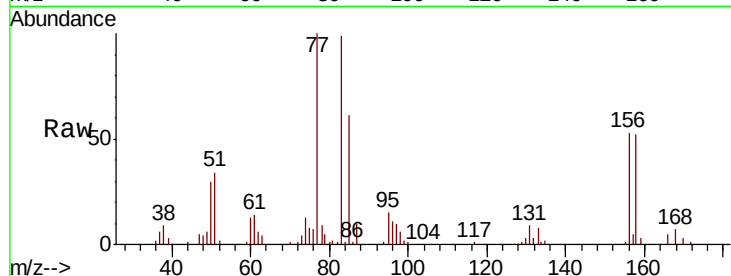
ClientSampleId :

VU0928WBSD02

Tot Ion:	83	Resp:	47893
Ion Ratio	Lower	Upper	
83	100		
131	8.5	4.3	12.8
85	63.3	31.9	95.7

Manual Integrations
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10/2/2018 1:07:44 PM



#76

1,2,3-Trichloropropane

Concen: 20.972 ug/l m

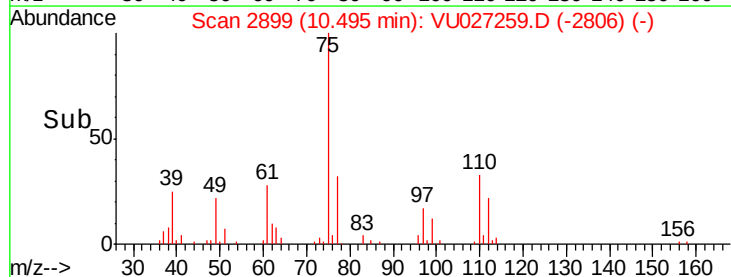
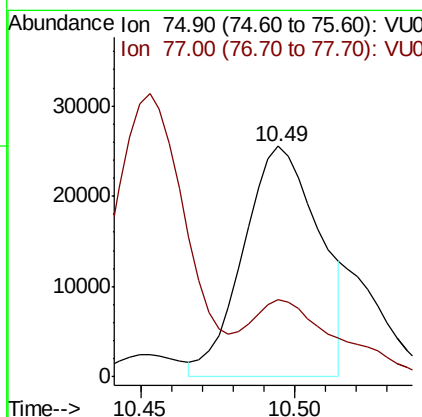
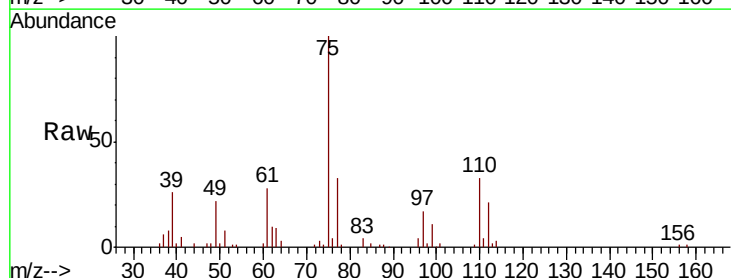
RT: 10.49 min Scan# 2899

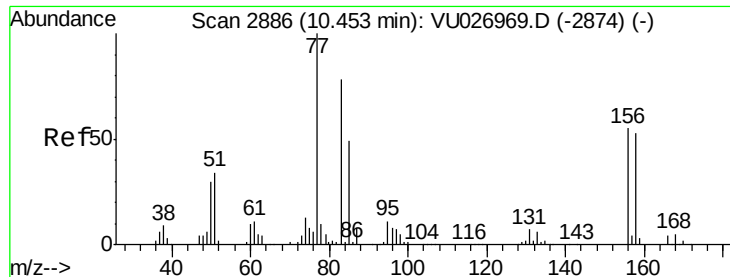
Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Tgt Ion:	75	Resp:	43435
Ion Ratio	Lower	Upper	
75	100		
77	38.6	20.9	62.8





#77

Bromobenzene

Concen: 20.849 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

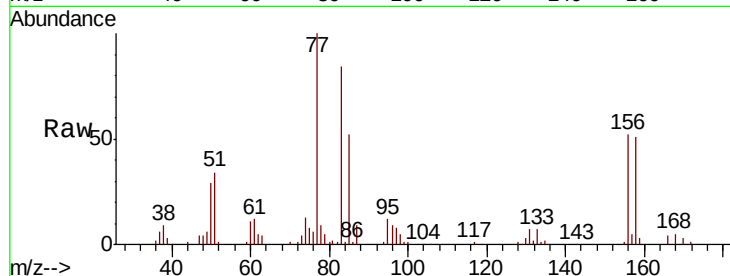
ClientSampleId :

VU0928WBSD02

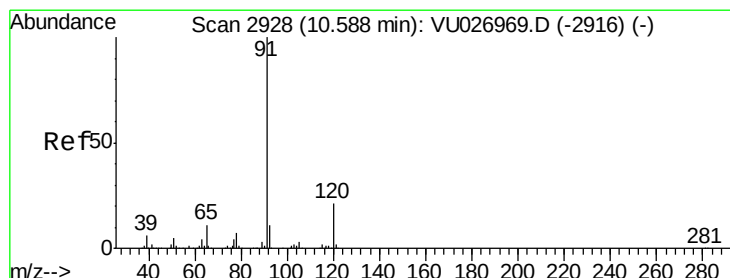
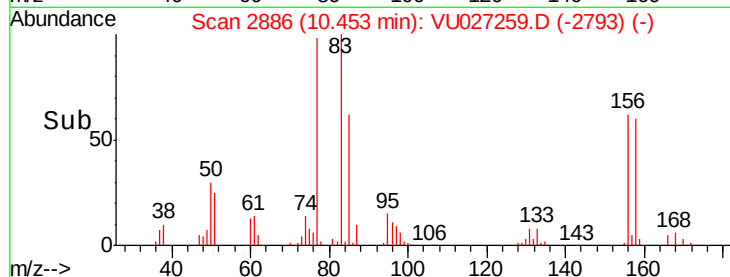
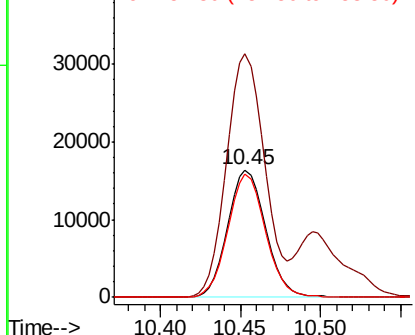
Tot Ion:	156	Resp:	26420
Ion Ratio	Lower	Upper	
156	100		
77	193.1	92.3	276.9
158	95.7	48.1	144.3

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VU0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.574 ug/l

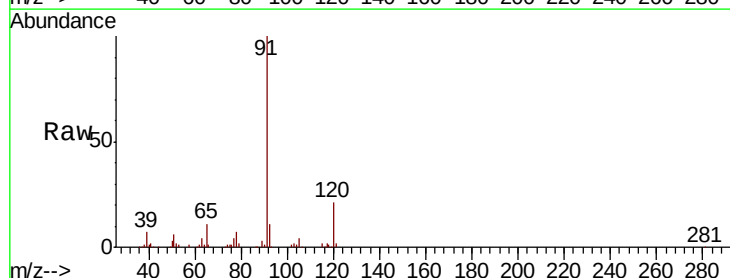
RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

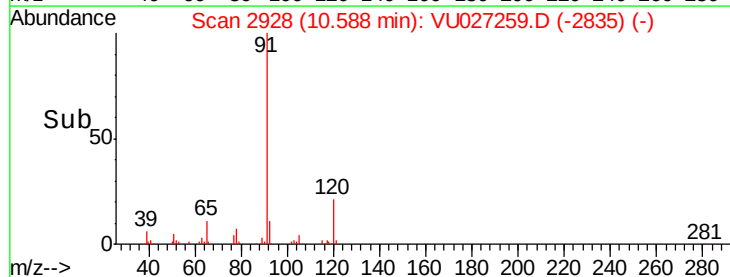
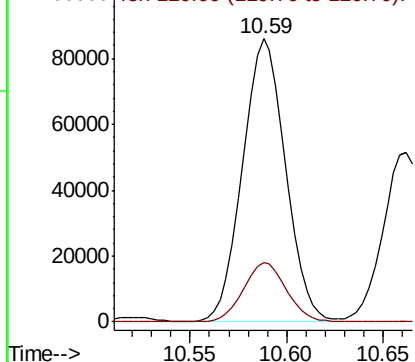
Lab File: VU027259.D

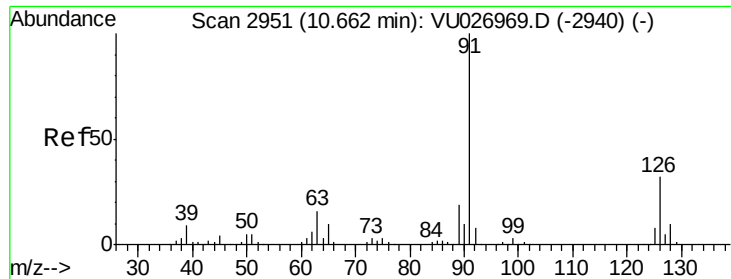
Acq: 28 Sep 2018 10:26

Tgt Ion:	91	Resp:	132375
Ion Ratio	Lower	Upper	
91	100		
120	21.1	10.6	31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.362 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD02

Tot Ion: 91 Resp: 82331

Ion Ratio Lower Upper

91 100

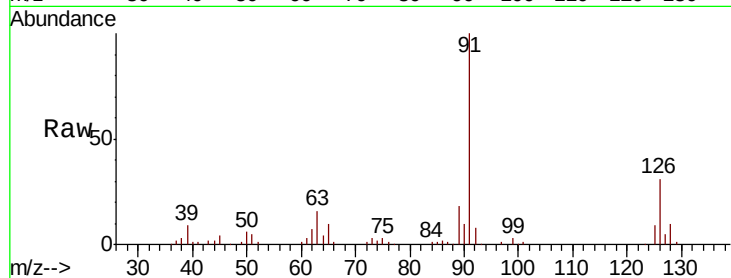
126 31.1 15.8 47.3

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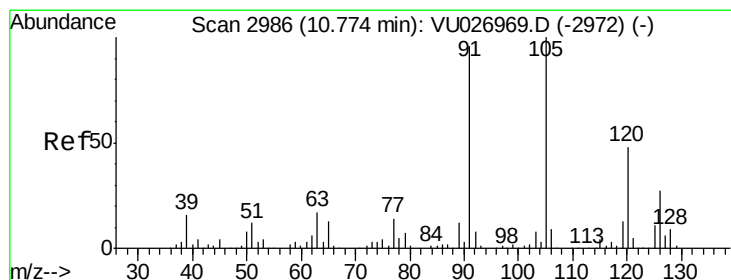
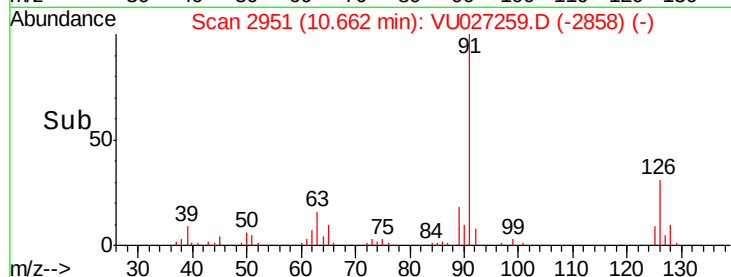
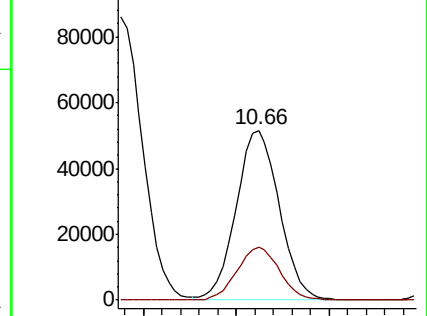
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Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-2940) (-)

Ion 125.90 (125.60 to 126.60): VU026969.D (-2940) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.919 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027259.D

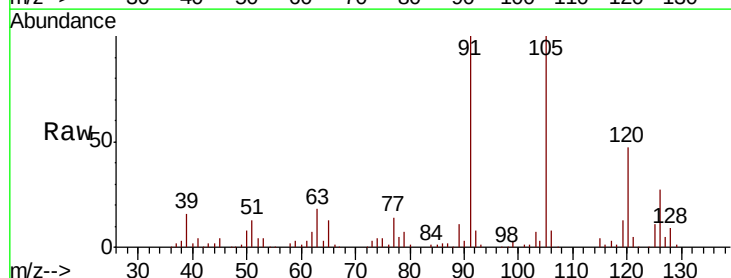
Acq: 28 Sep 2018 10:26

Tgt Ion: 105 Resp: 93831

Ion Ratio Lower Upper

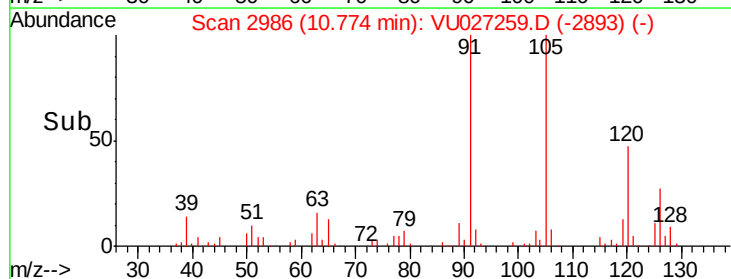
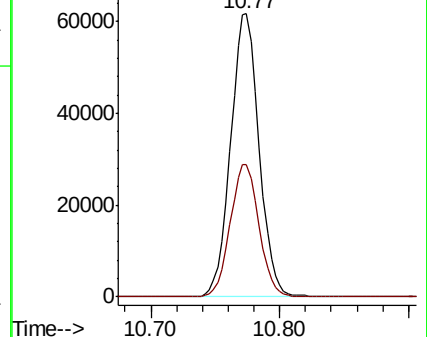
105 100

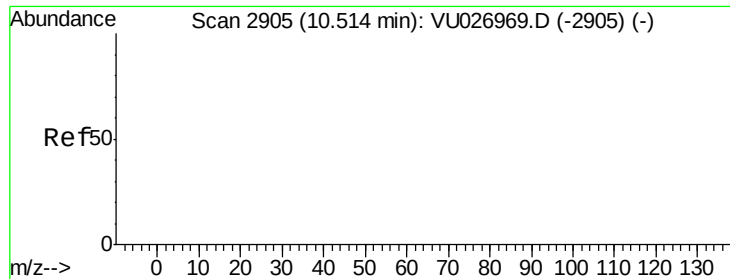
120 47.3 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VU026969.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU026969.D (-2972) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.625 ug/l m

RT: 10.51 min Scan# 2905

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

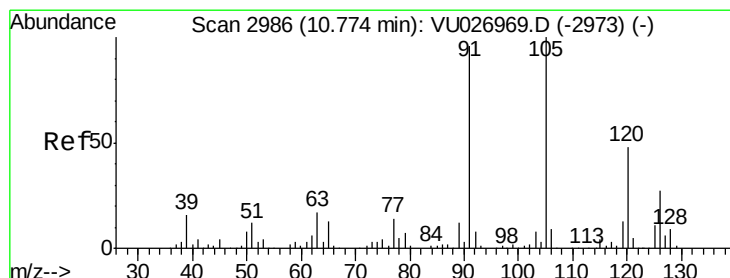
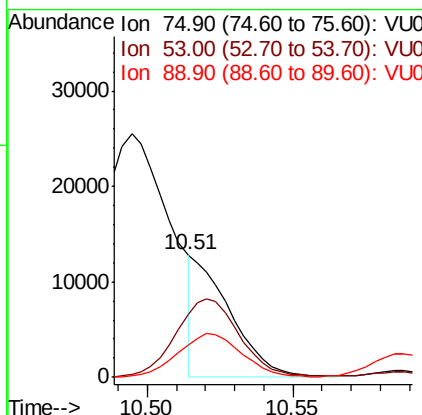
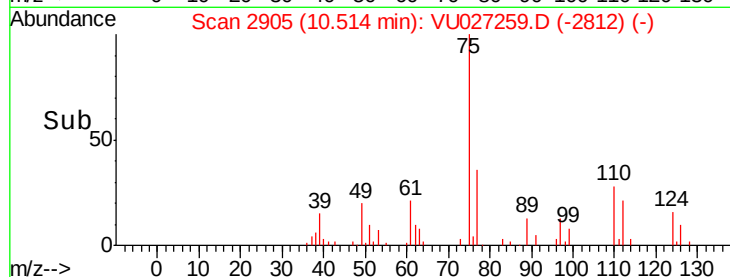
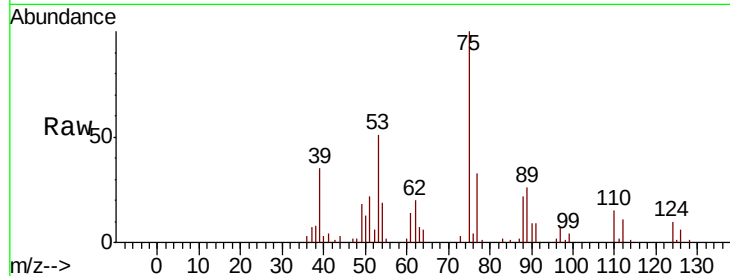
Instrument :
MSVOA_U

ClientSampleId :
VU0928WBSD02

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

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#82

4-Chlorotoluene

Concen: 21.626 ug/l

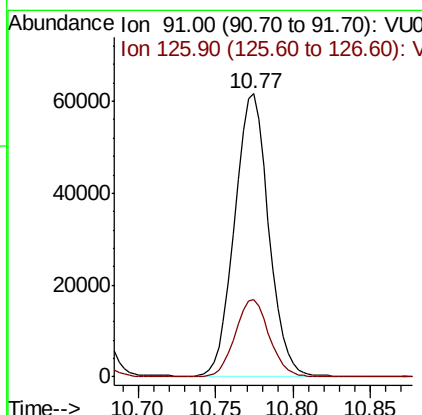
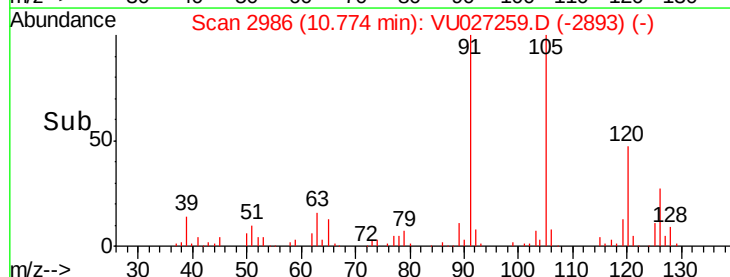
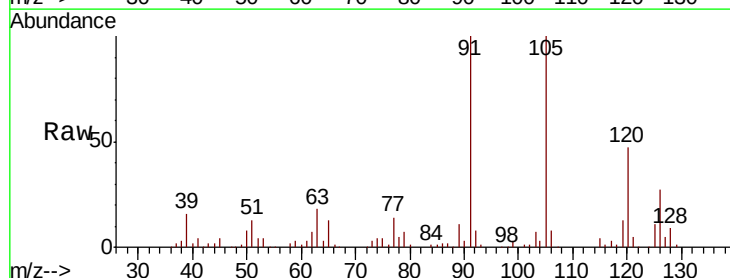
RT: 10.77 min Scan# 2986

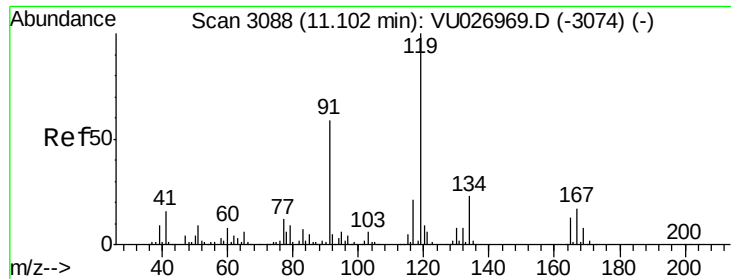
Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.4	14.1	42.2





#83

tert-Butylbenzene

Concen: 20.869 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

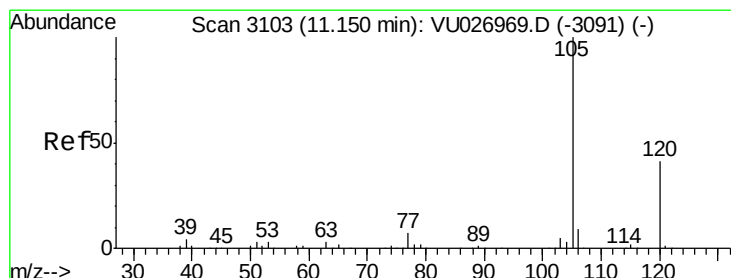
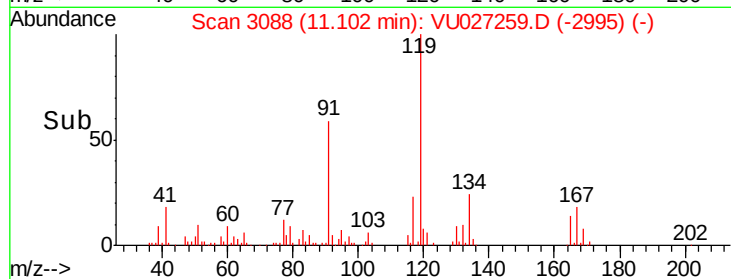
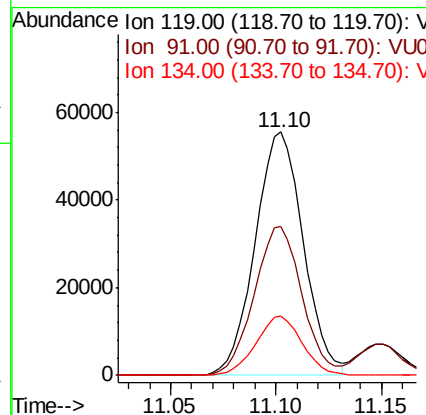
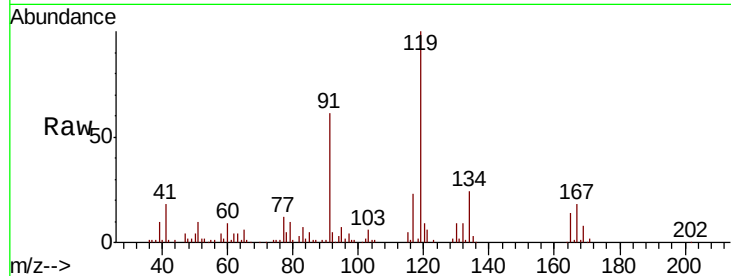
ClientSampleId :

VU0928WBSD02

Tot Ion:	119	Resp:	88323
Ion Ratio	Lower	Upper	
119	100		
91	60.3	29.8	89.4
134	23.2	11.5	34.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 22.048 ug/l

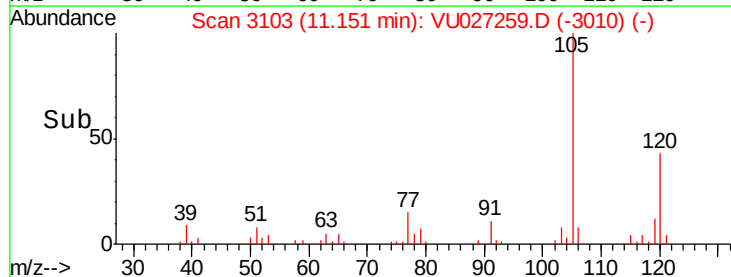
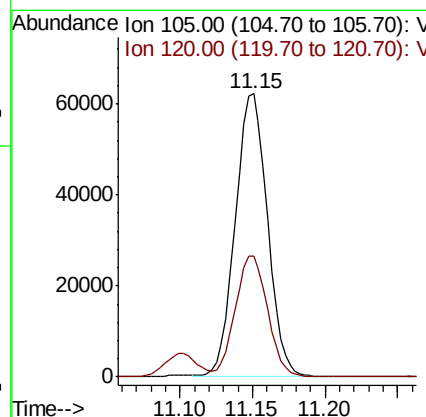
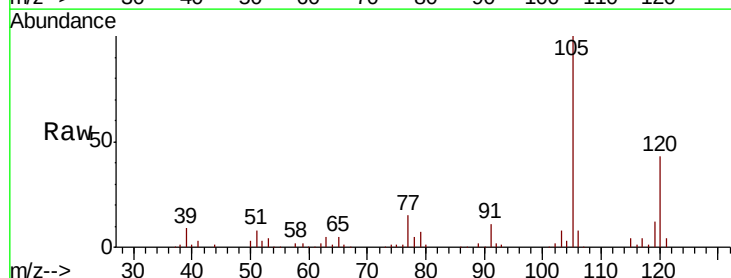
RT: 11.15 min Scan# 3103

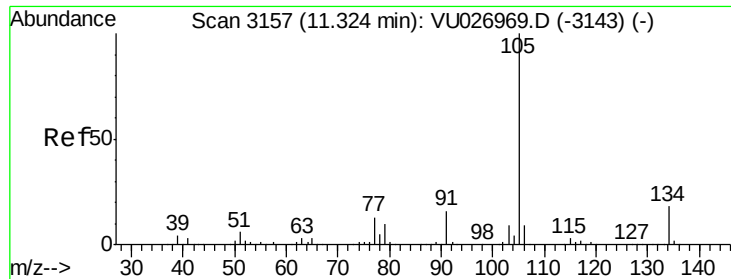
Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Tgt Ion:	105	Resp:	96050
Ion Ratio	Lower	Upper	
105	100		
120	42.9	22.4	67.2





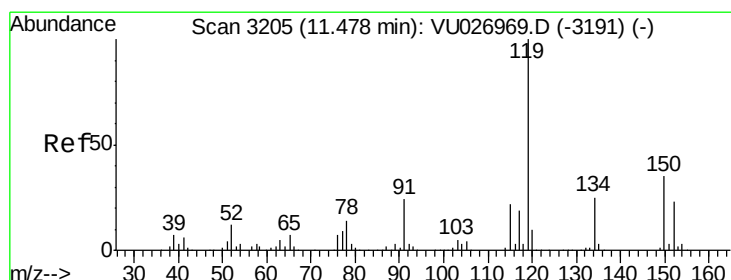
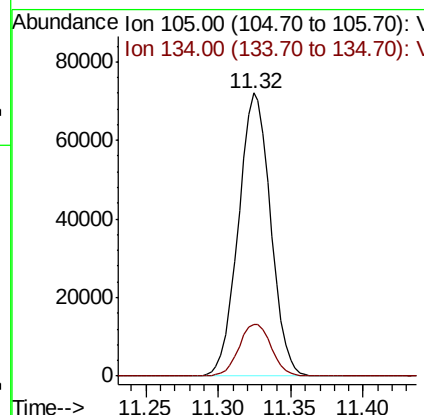
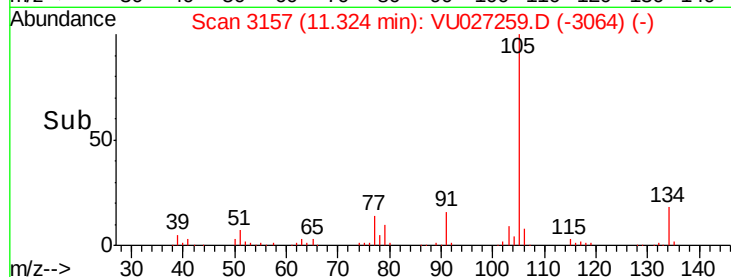
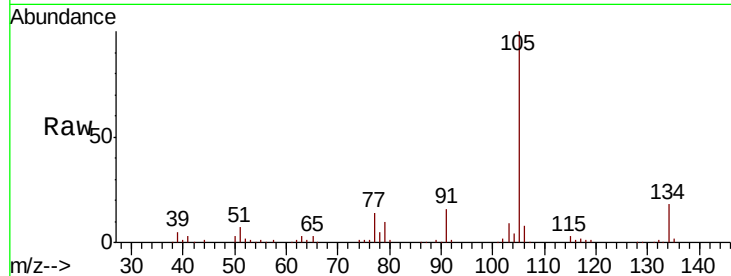
#85
 sec-Butylbenzene
 Concen: 21.453 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	110832		
134	18.4	9.4	28.2	

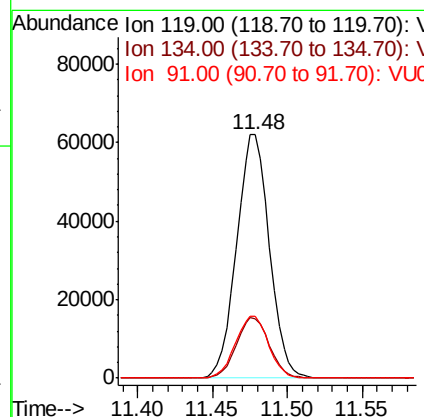
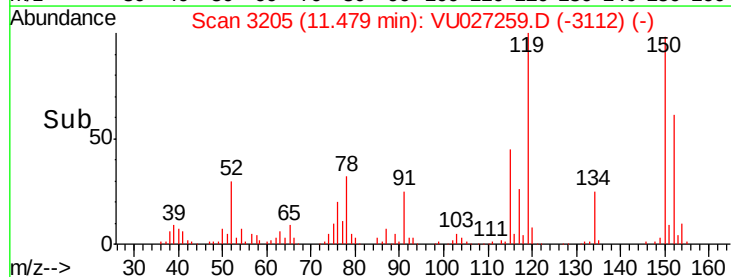
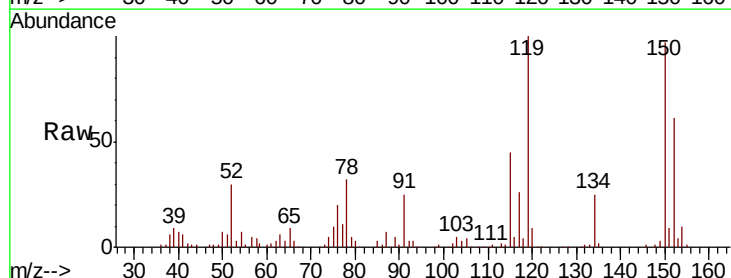
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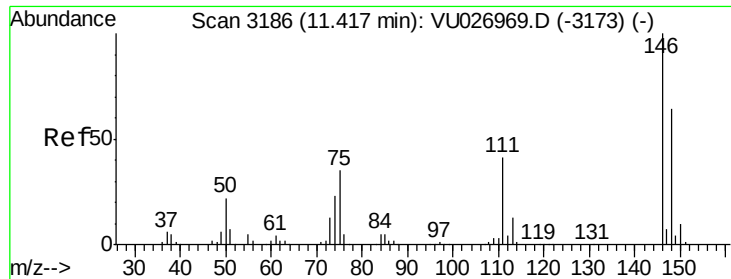
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#86
 p-Isopropyltoluene
 Concen: 20.071 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	94555		
134	24.8	12.8	38.3	
91	25.6	12.3	36.8	





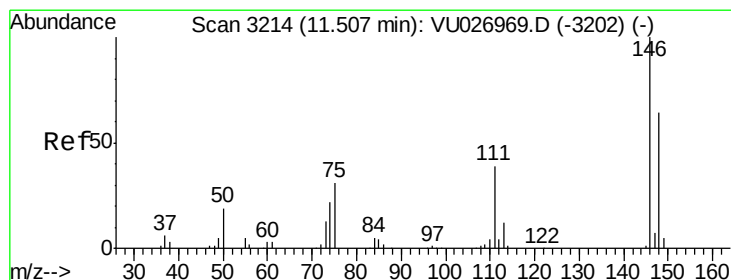
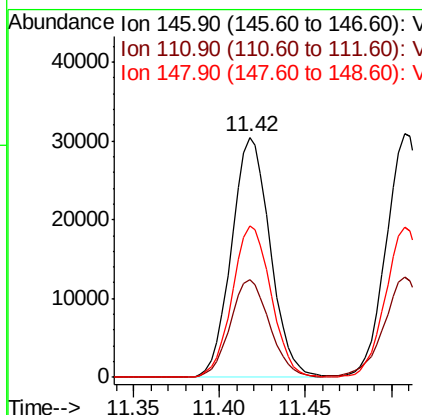
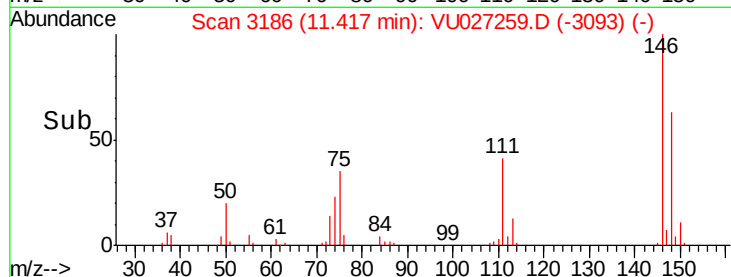
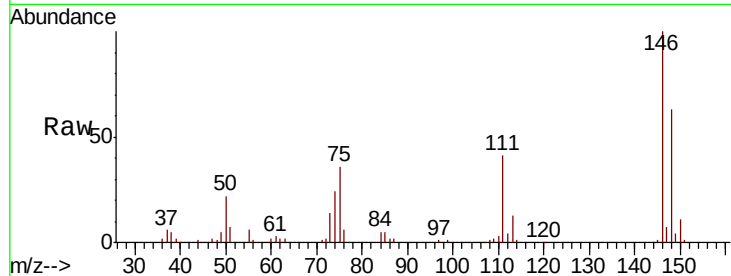
#87
 1,3-Dichlorobenzene
 Concen: 20.272 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.2
148	63.4	32.0	96.2

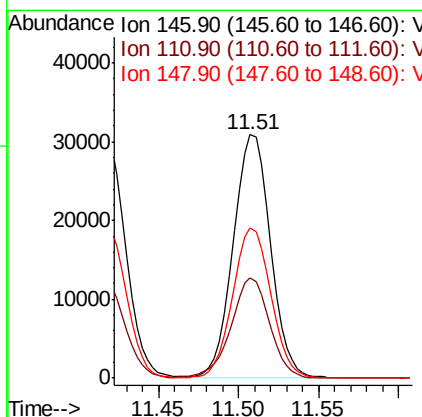
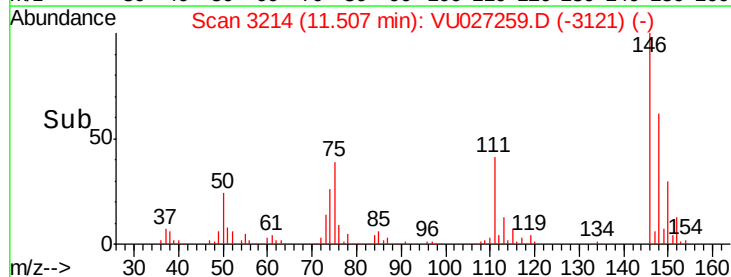
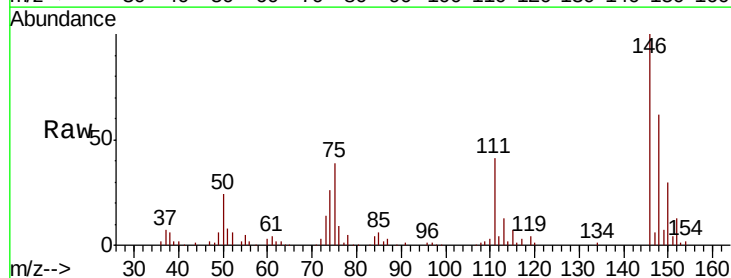
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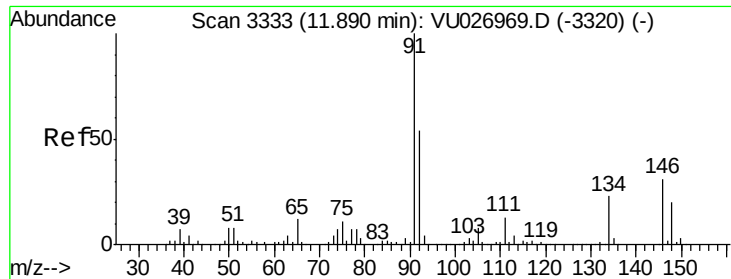
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#88
 1,4-Dichlorobenzene
 Concen: 19.076 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.3	60.9
148	63.2	31.9	95.9





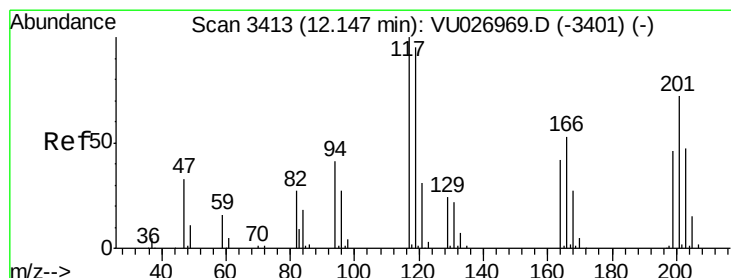
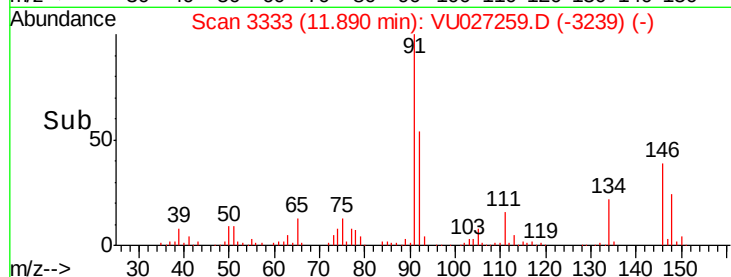
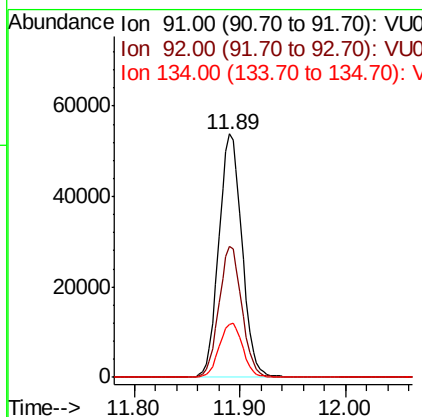
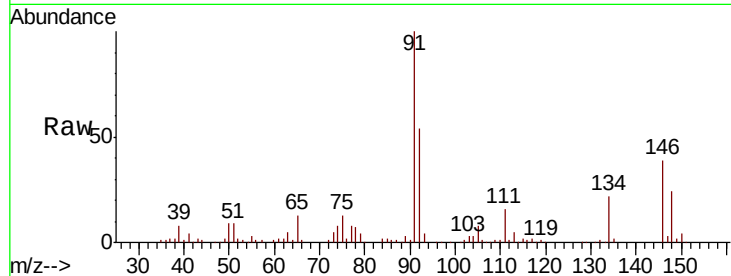
#89
n-Butylbenzene
Concen: 19.006 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	27.1	81.2
134	22.4	11.7	35.0

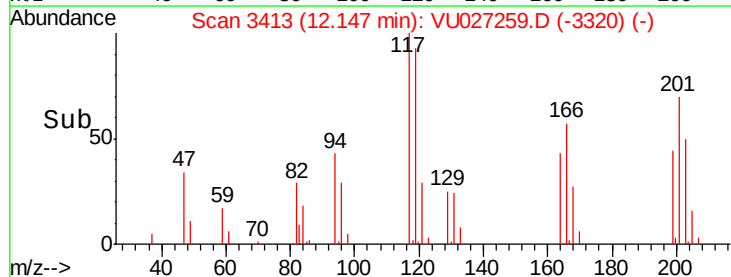
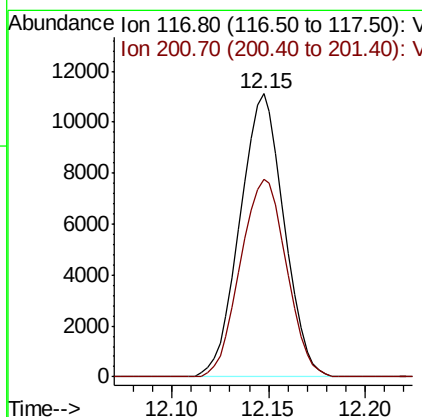
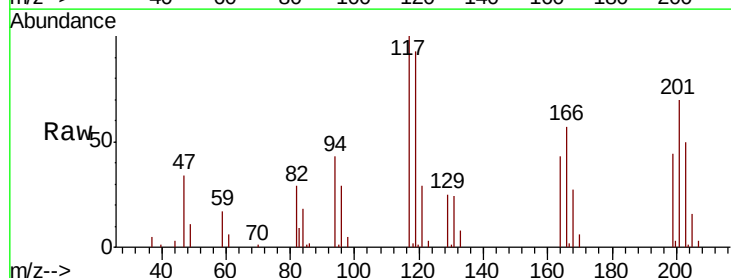
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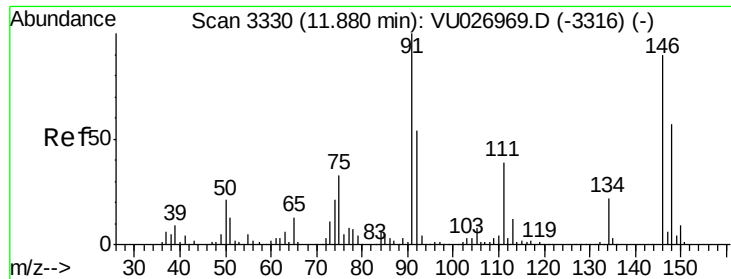
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#90
Hexachloroethane
Concen: 18.756 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.9	36.8	110.3





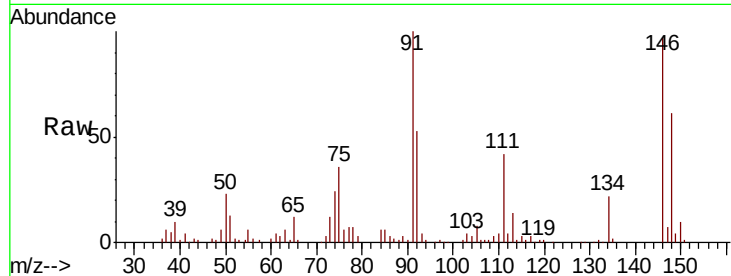
#91
 1,2-Dichlorobenzene
 Concen: 19.653 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.8	65.3
148	62.9	31.9	95.7

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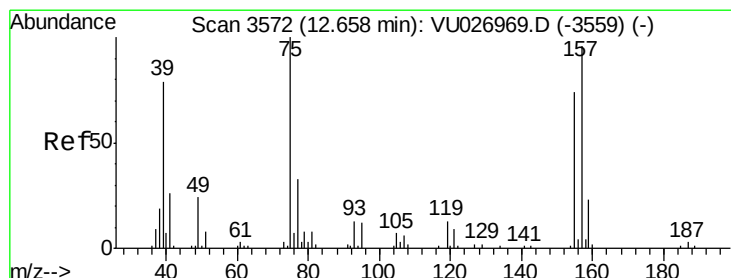
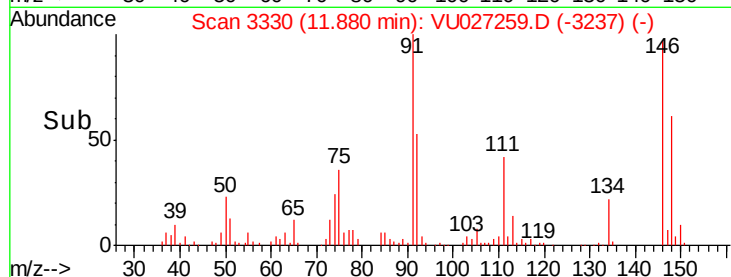
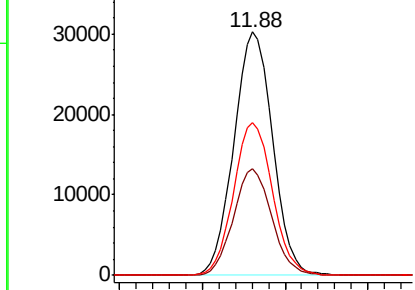


Abundance

Ion 145.90 (145.60 to 146.60): V

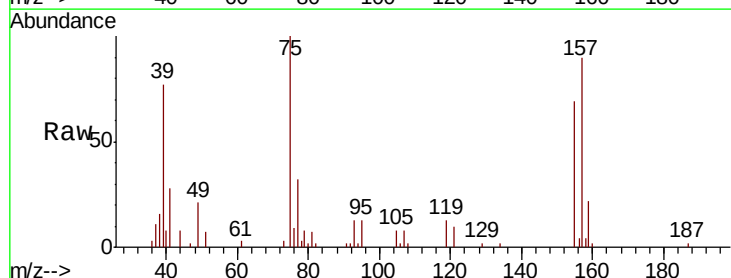
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.785 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.3	36.6	109.8
157	91.7	47.4	142.2

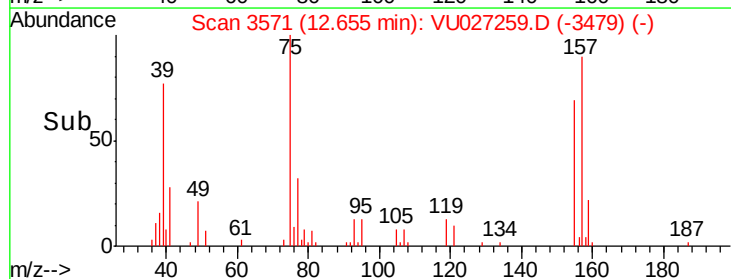
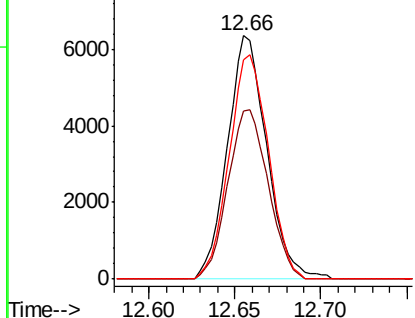


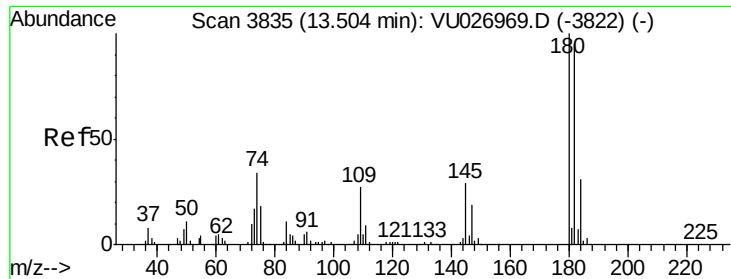
Abundance

Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





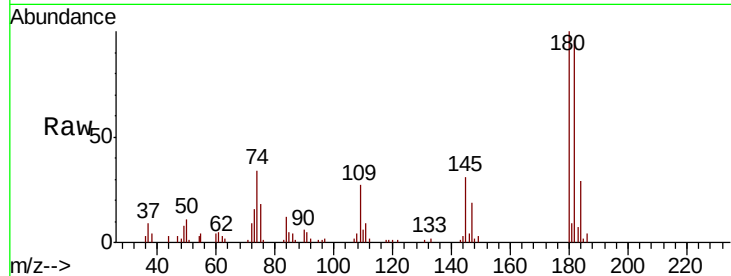
#93
 1,2,4-Trichlorobenzene
 Concen: 20.040 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	28929		
182	95.9	47.4	142.2	
145	30.7	14.9	44.5	

Manual Integrations
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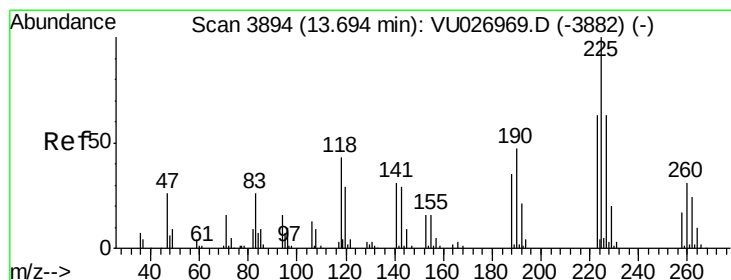
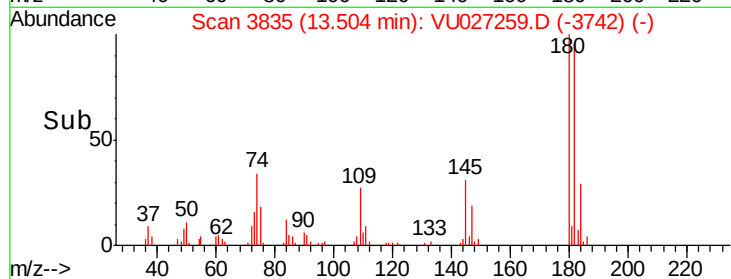
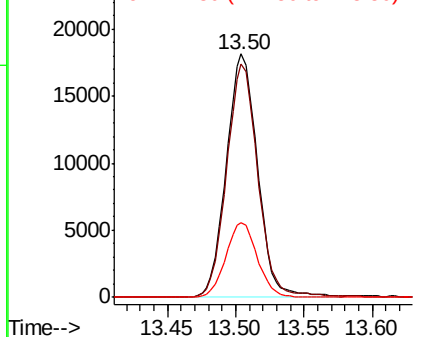


Abundance

Ion 179.80 (179.50 to 180.50): V

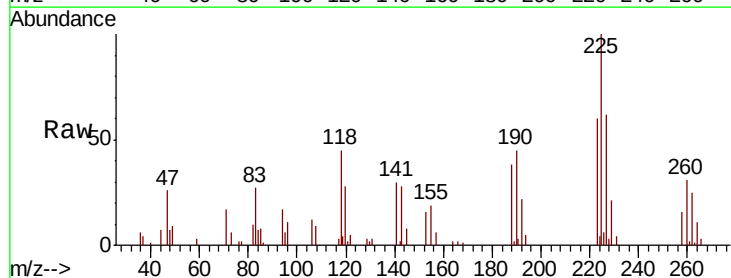
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.061 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	14559		
223	63.7	31.9	95.7	
227	64.4	32.1	96.5	

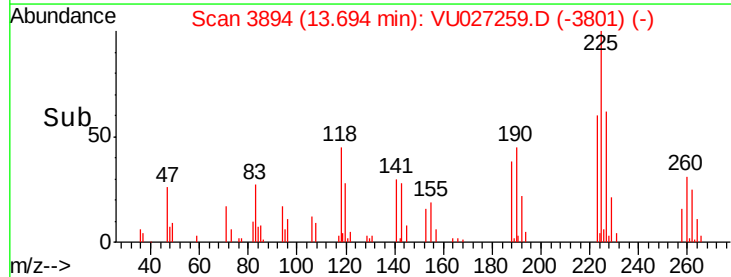
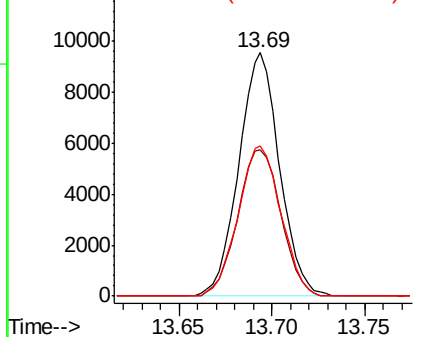


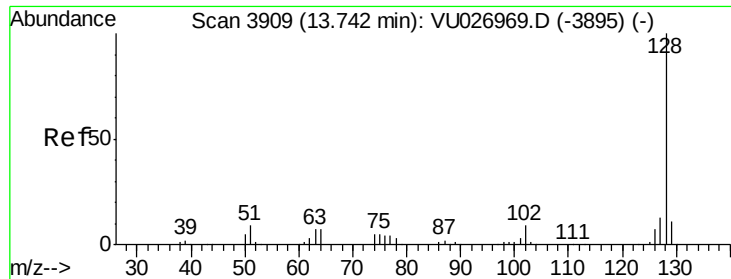
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





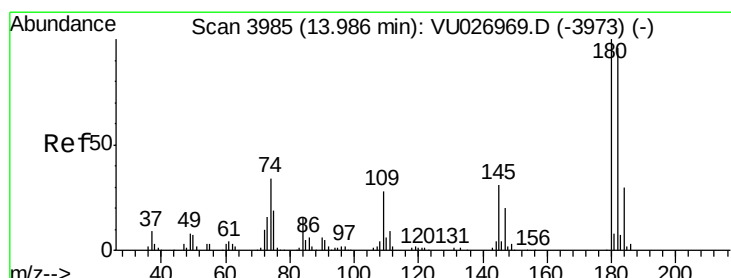
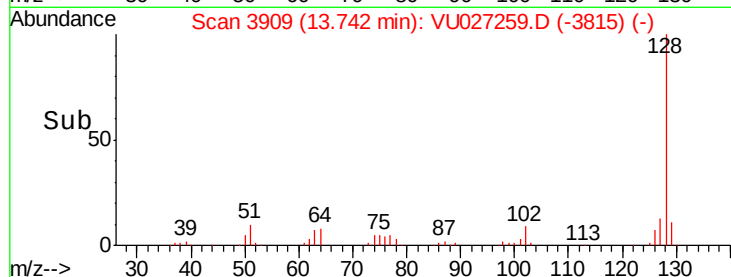
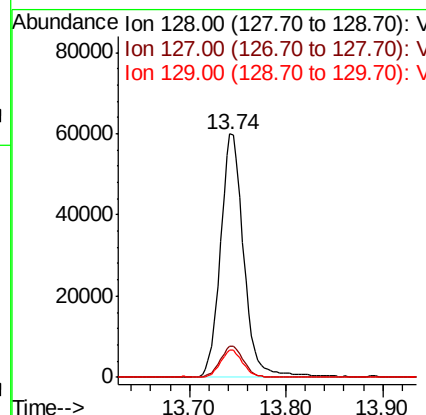
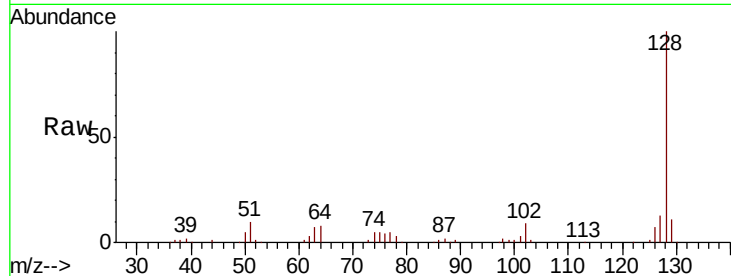
#95
Naphthalene
Concen: 18.855 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.8	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.876 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.5	142.5
145	32.5	15.4	46.4

