

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092218\
 Data File : VU027015.D
 Acq On : 22 Sep 2018 15:01
 Operator : MD/SY
 Sample : VU0922WBS03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS03

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 2:14:22 PM

Quant Time: Sep 24 04:48:56 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	4.98	168	89410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	149134	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	145852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	77516	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	84704	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
35) Dibromofluoromethane	4.88	113	59754	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
50) Toluene-d8	7.57	98	228149	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
62) 4-Bromofluorobenzene	10.31	95	81422	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	20311	17.399	ug/l	98
3) Chloromethane	1.33	50	34861	17.321	ug/l	98
4) Vinyl Chloride	1.40	62	33314	17.732	ug/l	98
5) Bromomethane	1.62	94	19054	17.810	ug/l	98
6) Chloroethane	1.69	64	21925	18.265	ug/l	100
7) Trichlorofluoromethane	1.88	101	38266	17.933	ug/l	99
8) Diethyl Ether	2.10	74	18690	18.198	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	23129	17.629	ug/l	99
10) Methyl Iodide	2.41	142	24088	14.803	ug/l	99
11) Tert butyl alcohol	2.83	59	38875	94.251	ug/l	99
12) 1,1-Dichloroethene	2.28	96	22150	17.937	ug/l	95
13) Acrolein	2.19	56	19863	89.334	ug/l	100
14) Allyl chloride	2.59	41	48301	19.285	ug/l	96
15) Acrylonitrile	2.94	53	97224	93.524	ug/l	98
16) Acetone	2.32	43	104318	99.119	ug/l	99
17) Carbon Disulfide	2.48	76	68376	16.997	ug/l	99
18) Methyl Acetate	2.61	43	49356	19.270	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	86751	19.117	ug/l	99
20) Methylene Chloride	2.70	84	28291	17.554	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	23666	17.950	ug/l	98
22) Diisopropyl ether	3.57	45	107327	20.034	ug/l	99
23) Vinyl Acetate	3.52	43	446351	97.743	ug/l	99
24) 1,1-Dichloroethane	3.45	63	55856	18.931	ug/l	100
25) 2-Butanone	4.26	43	143798	95.086	ug/l	99
26) 2,2-Dichloropropane	4.23	77	43721	19.000	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	27915	18.748	ug/l	98
28) Bromochloromethane	4.55	49	29548	20.775	ug/l	95
29) Tetrahydrofuran	4.64	42	89065	97.356	ug/l	97
30) Chloroform	4.68	83	50204	18.331	ug/l	98
31) Cyclohexane	5.00	56	50615	18.509	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	41221	18.851	ug/l	98
36) 1,1-Dichloropropene	5.14	75	37703	18.943	ug/l	98
37) Ethyl Acetate	4.38	43	48783	18.105	ug/l	98
38) Carbon Tetrachloride	5.14	117	34569	18.251	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	41796	19.323	ug/l	98
40) Benzene	5.39	78	111132	18.367	ug/l	99
41) Methacrylonitrile	4.54	41	28174	20.134	ug/l	98
42) 1,2-Dichloroethane	5.41	62	43303	18.942	ug/l	99
43) Isopropyl Acetate	5.55	43	77052	19.609	ug/l	98
44) Trichloroethene	6.19	130	23406	18.171	ug/l	95
45) 1,2-Dichloropropane	6.43	63	32679	18.955	ug/l	97
46) Dibromomethane	6.56	93	18605	17.868	ug/l	99
47) Bromodichloromethane	6.76	83	37798	17.953	ug/l	98
48) Methyl methacrylate	6.62	41	37550	18.214	ug/l	99
49) 1,4-Dioxane	6.61	88	16323	383.234	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	258324	97.746	ug/l	99
52) Toluene	7.64	92	64777	18.677	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	43404	19.187	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	46511	18.700	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	27464	18.688	ug/l	98
56) Ethyl methacrylate	8.02	69	42312	18.059	ug/l	99
57) 1,3-Dichloropropane	8.24	76	52113	19.066	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	128247	91.761	ug/l	99
59) 2-Hexanone	8.36	43	197455	95.447	ug/l	100
60) Dibromochloromethane	8.48	129	26531	18.405	ug/l	100
61) 1,2-Dibromoethane	8.59	107	27489	17.978	ug/l	98
64) Tetrachloroethene	8.23	164	20056	17.845	ug/l	93
65) Chlorobenzene	9.12	112	68842	17.801	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	23861	17.913	ug/l	99
67) Ethyl Benzene	9.25	91	118554	18.643	ug/l	99
68) m/p-Xylenes	9.38	106	89125	35.587	ug/l	99
69) o-Xylene	9.78	106	43042	19.103	ug/l	99
70) Styrene	9.79	104	69737	17.786	ug/l	99
71) Bromoform	9.96	173	18547	18.006	ug/l #	99
73) Isopropylbenzene	10.17	105	114724	19.456	ug/l	99
74) N-amyl acetate	10.02	43	64187	18.806	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	47559	17.542	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	42437m	18.021	ug/l	
77) Bromobenzene	10.45	156	25964	18.019	ug/l	95
78) n-propylbenzene	10.59	91	136531	19.569	ug/l	98
79) 2-Chlorotoluene	10.66	91	84010	19.170	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	96400	19.805	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	15933m	21.652	ug/l	
82) 4-Chlorotoluene	10.77	91	94152	19.160	ug/l	99
83) tert-Butylbenzene	11.10	119	91029	18.916	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	98393	19.863	ug/l	99
85) sec-Butylbenzene	11.32	105	114173	19.436	ug/l	100
86) p-Isopropyltoluene	11.48	119	96247	18.065	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	47669	17.778	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	48213	16.498	ug/l	98
89) n-Butylbenzene	11.89	91	84720	17.489	ug/l	98
90) Hexachloroethane	12.15	117	18728	17.532	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	48929	17.178	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	9789	17.699	ug/l	98

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	27843	16.963	ug/l	98
94) Hexachlorobutadiene	13.69	225	15298	17.615	ug/l	98
95) Naphthalene	13.75	128	99124	16.613	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	31826	18.081	ug/l	99

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

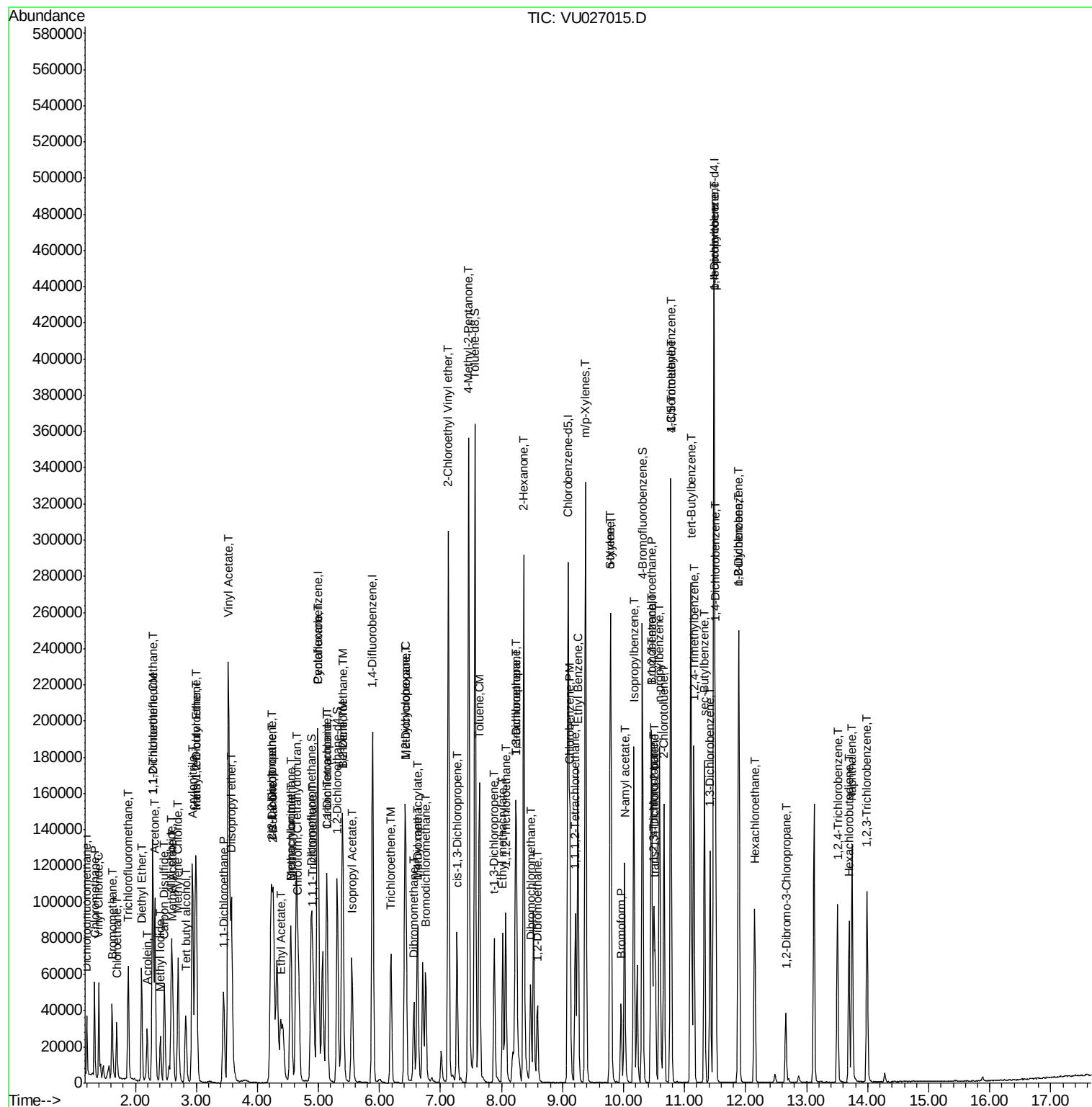
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Data File : VU027015.D
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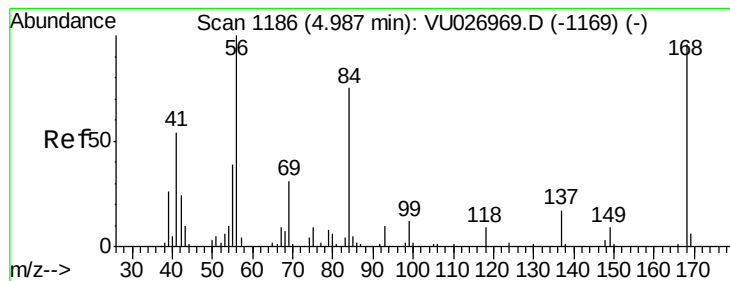
Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS03

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Instrument :

MSVOA_U

ClientSampleId :

VU0922WBS03

Tot Ion:168 Resp: 89410

Ion Ratio Lower Upper

168 100

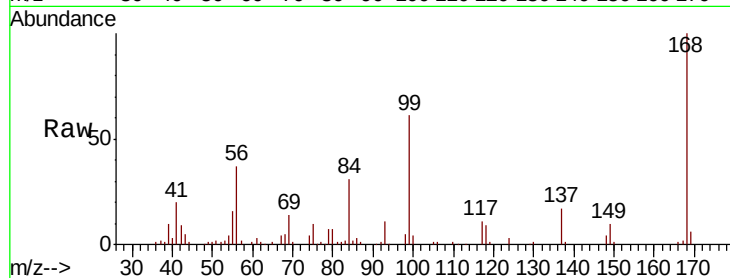
99 60.4 48.1 72.1

Manual Integrations

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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) (-)

4.98

40000

30000

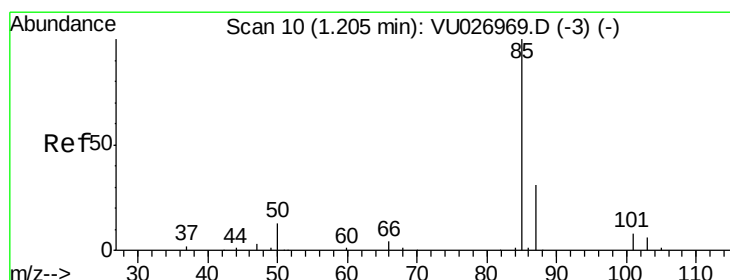
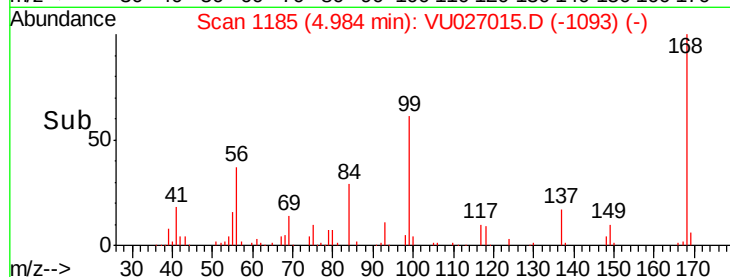
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 17.399 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027015.D

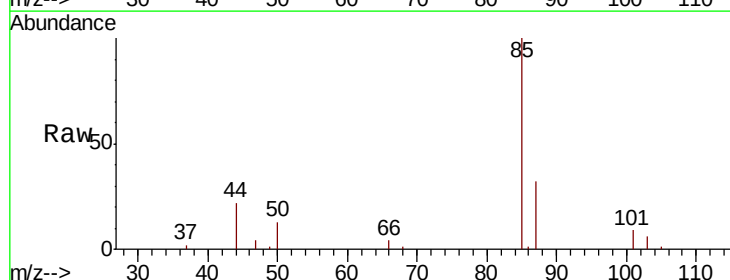
Acq: 22 Sep 2018 15:01

Tgt Ion: 85 Resp: 20311

Ion Ratio Lower Upper

85 100

87 32.4 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

20000

15000

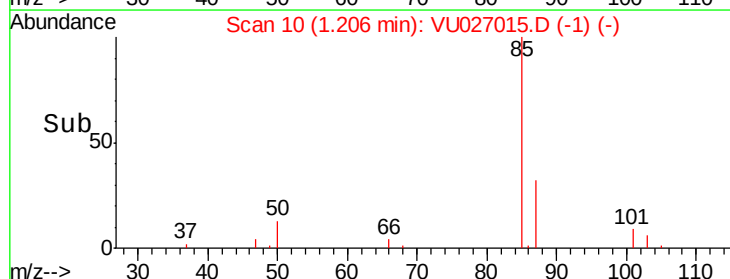
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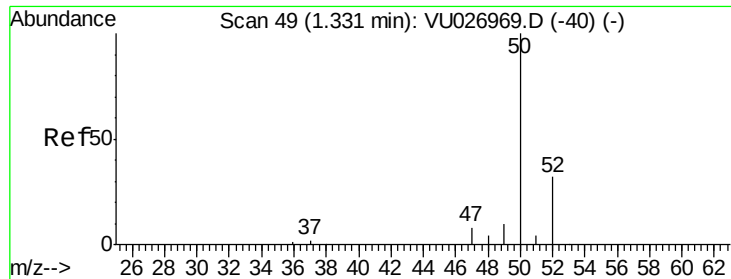
5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.321 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Instrument :

MSVOA_U

ClientSampleId :

VU0922WBS03

Tot Ion: 50 Resp: 34861

Ion Ratio Lower Upper

50 100

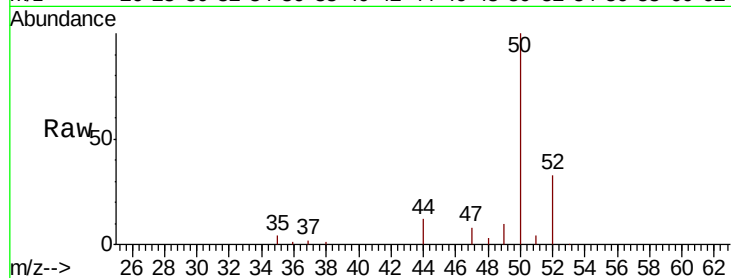
52 33.4 25.9 38.9

Manual Integrations

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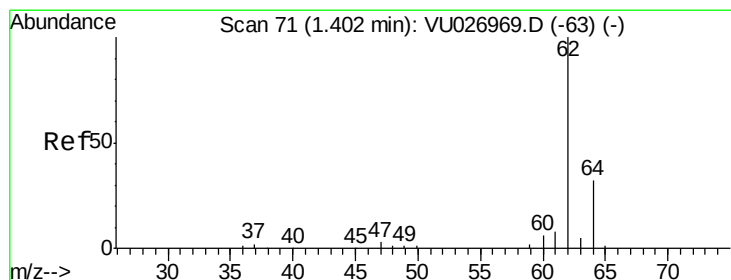
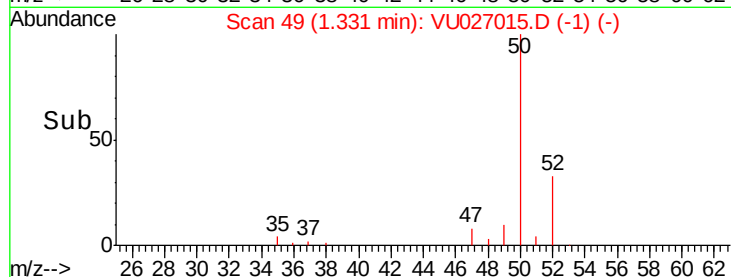
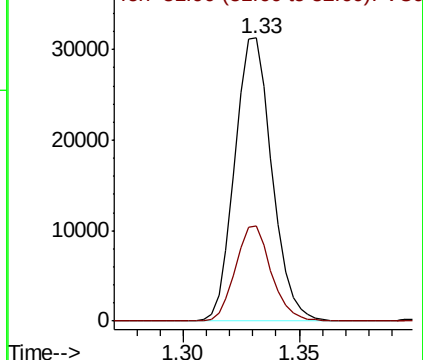
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 17.732 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027015.D

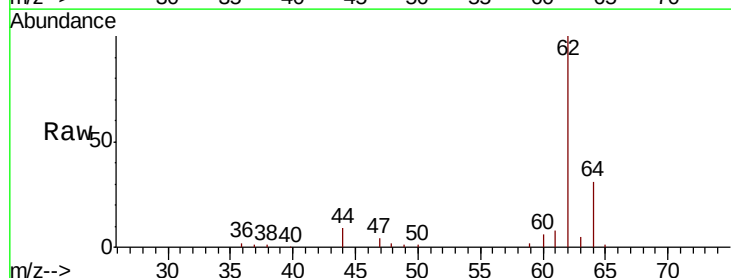
Acq: 22 Sep 2018 15:01

Tgt Ion: 62 Resp: 33314

Ion Ratio Lower Upper

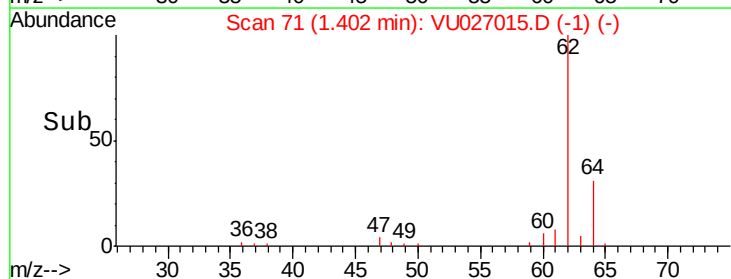
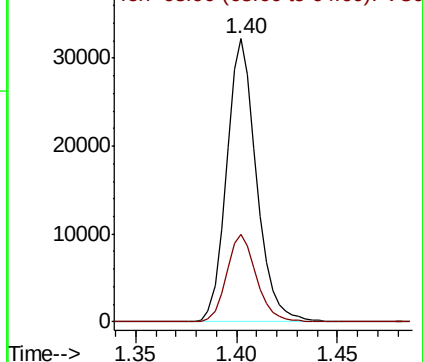
62 100

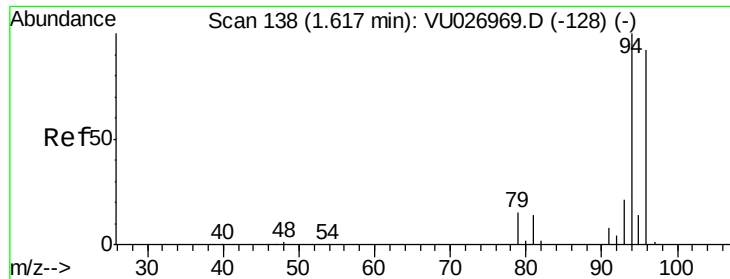
64 30.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





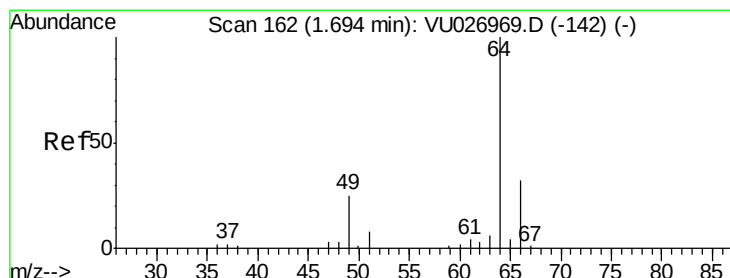
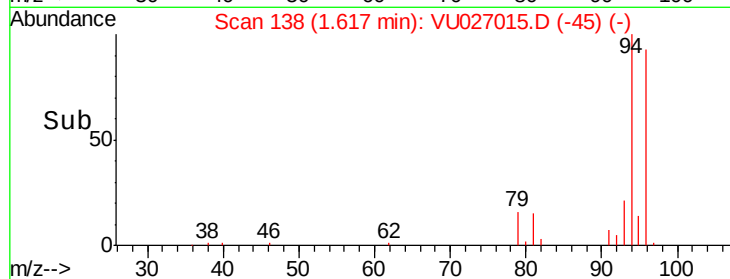
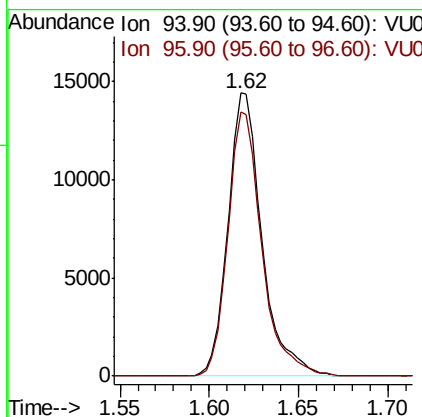
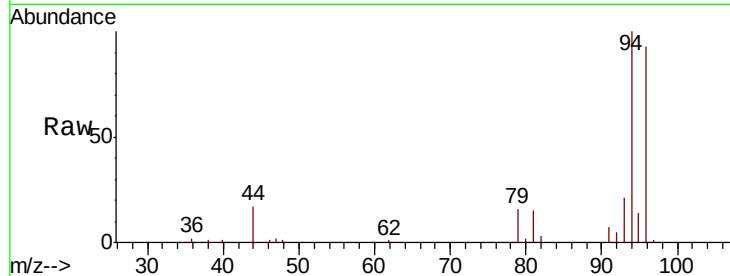
#5
Bromomethane
Concen: 17.810 ug/l
RT: 1.62 min Scan# 138
Delta R.T. 0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Instrument :
MSVOA_U
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Tot Ion: 94 Resp: 19054
Ion Ratio Lower Upper
94 100
96 93.2 73.2 109.8

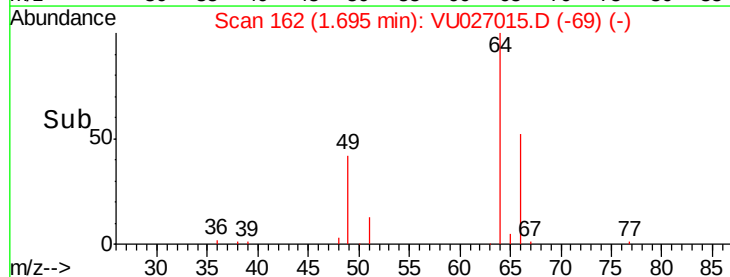
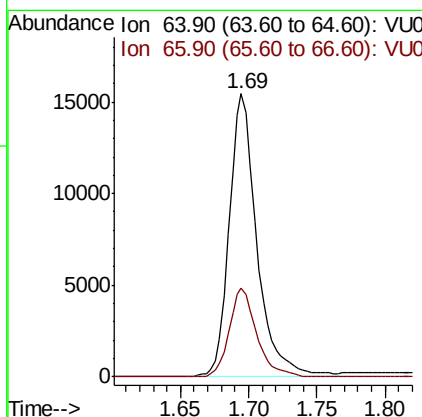
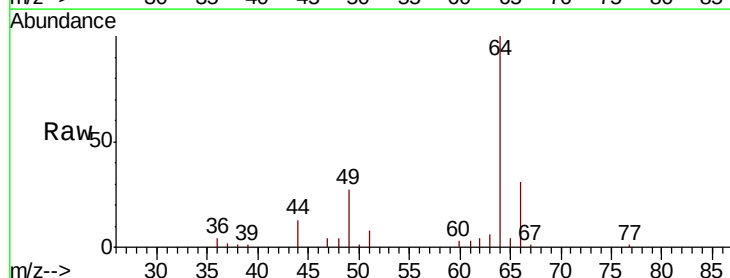
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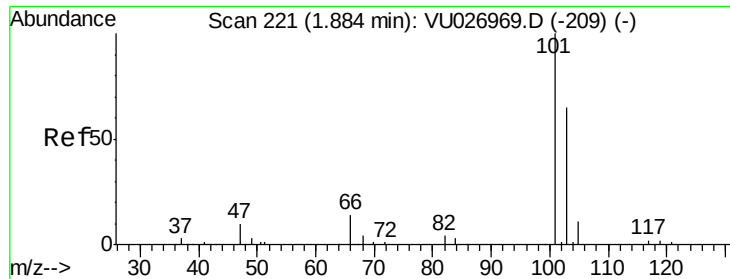
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#6
Chloroethane
Concen: 18.265 ug/l
RT: 1.69 min Scan# 162
Delta R.T. 0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Tgt Ion: 64 Resp: 21925
Ion Ratio Lower Upper
64 100
66 31.4 25.3 37.9





#7

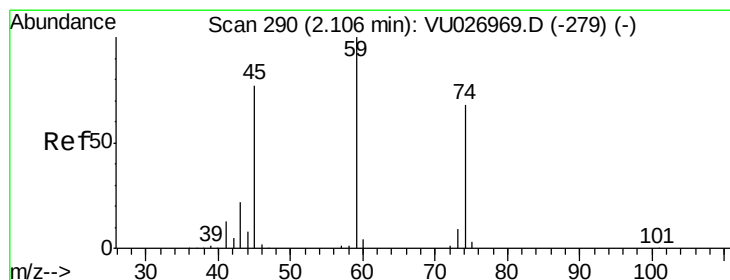
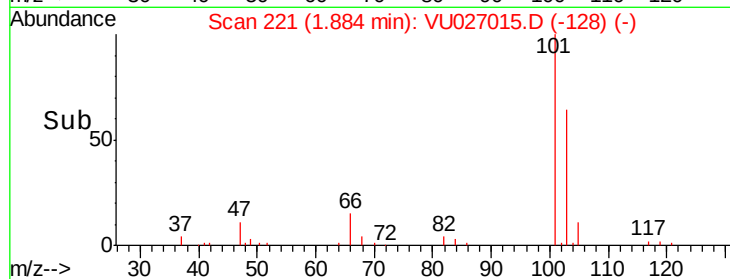
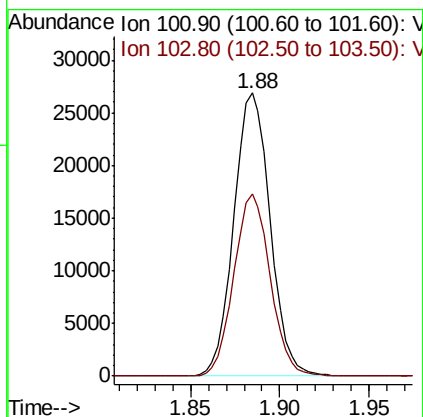
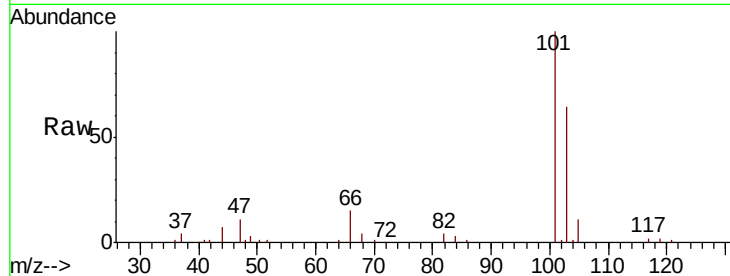
Trichlorofluoromethane
 Concen: 17.933 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS03

Tot Ion:101 Resp: 38266
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.2 78.2

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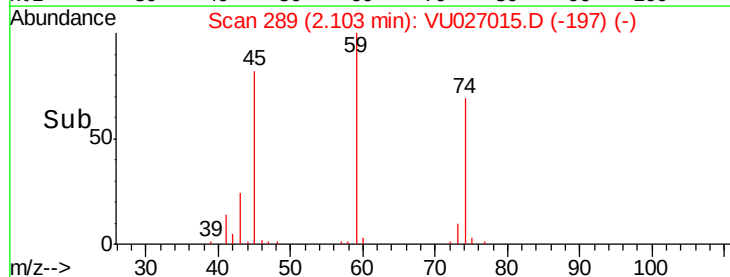
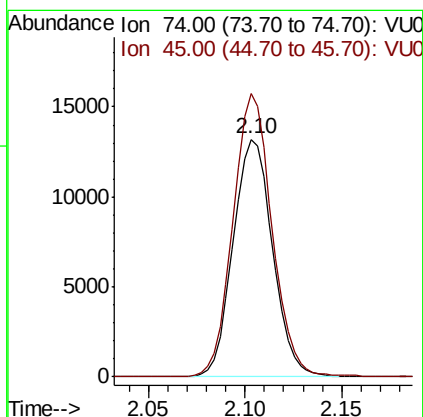
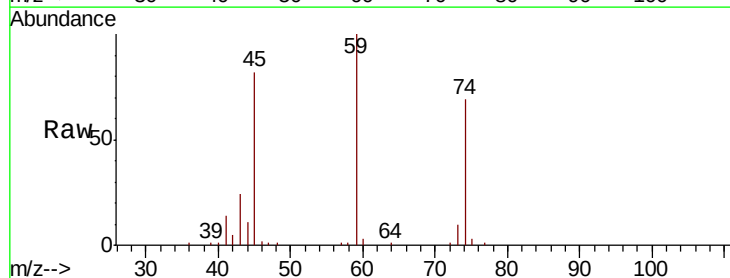
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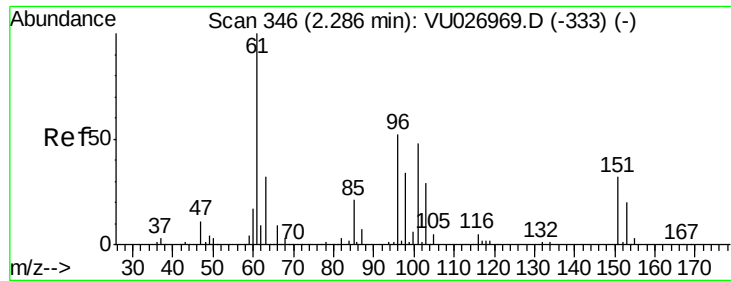


#8

Diethyl Ether
 Concen: 18.198 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Tgt Ion: 74 Resp: 18690
 Ion Ratio Lower Upper
 74 100
 45 118.5 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.629 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Instrument :

MSVOA_U

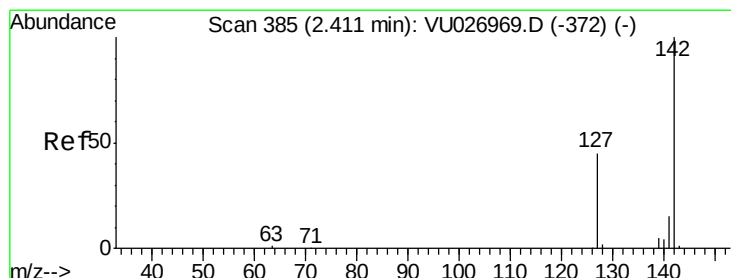
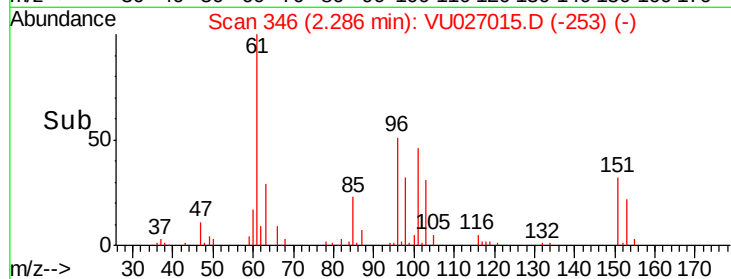
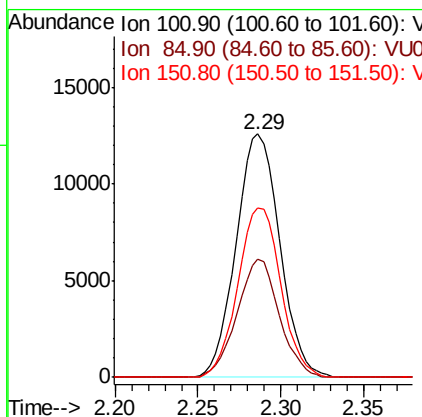
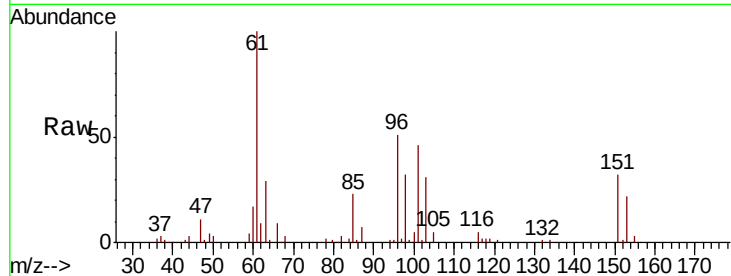
ClientSampleId :

VU0922WBS03

Tot Ion:	101	Resp:	23129
Ion Ratio	Lower	Upper	
101	100		
85	46.7	36.2	54.2
151	68.3	54.5	81.7

Manual Integrations
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#10

Methyl Iodide

Concen: 14.803 ug/l

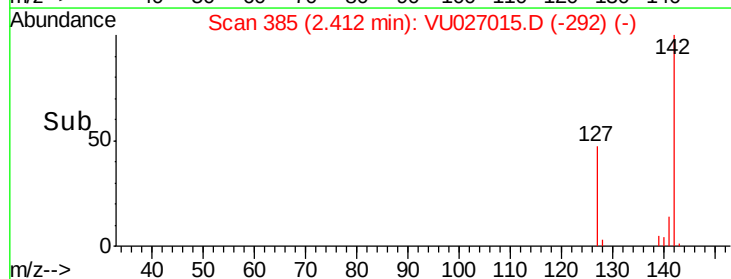
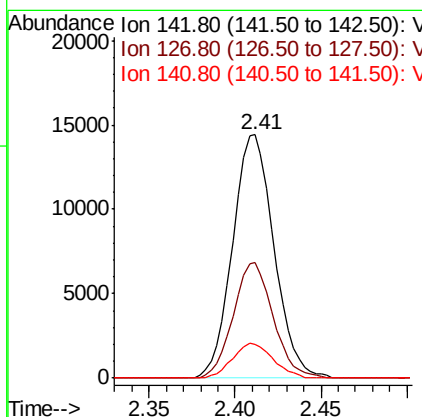
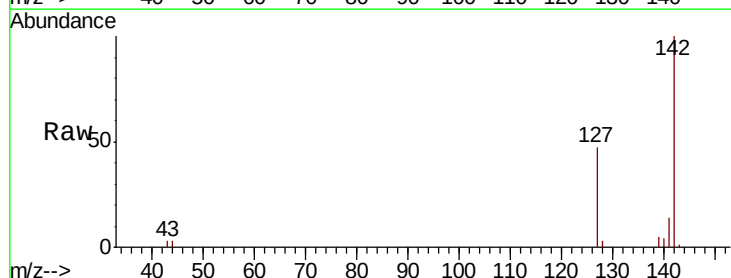
RT: 2.41 min Scan# 385

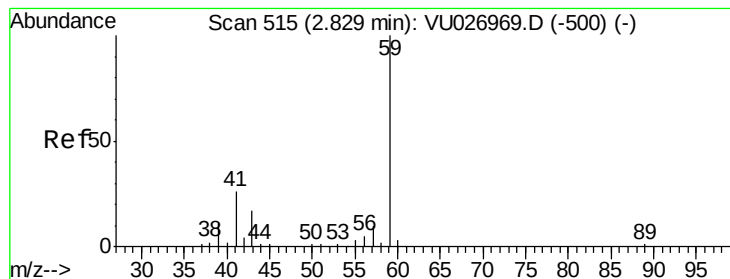
Delta R.T. 0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Tgt Ion:	142	Resp:	24088
Ion Ratio	Lower	Upper	
142	100		
127	45.6	36.7	55.1
141	13.9	11.8	17.6





#11

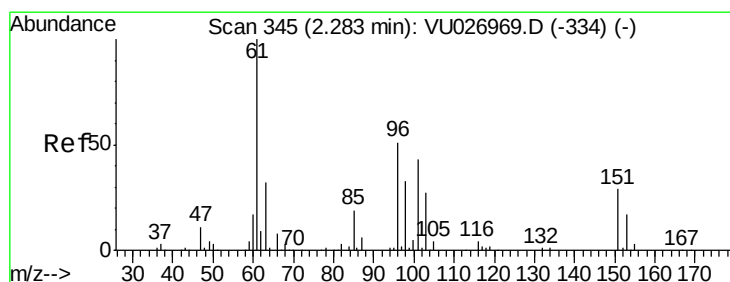
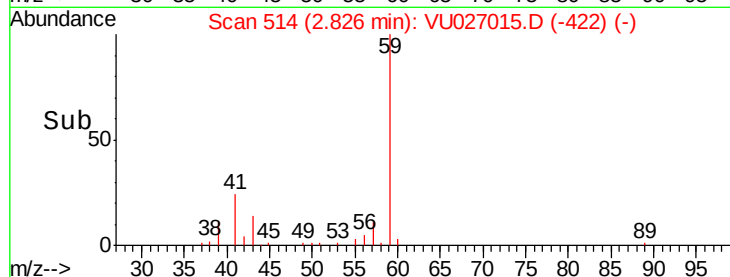
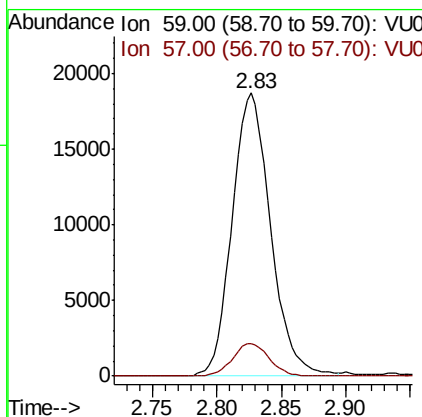
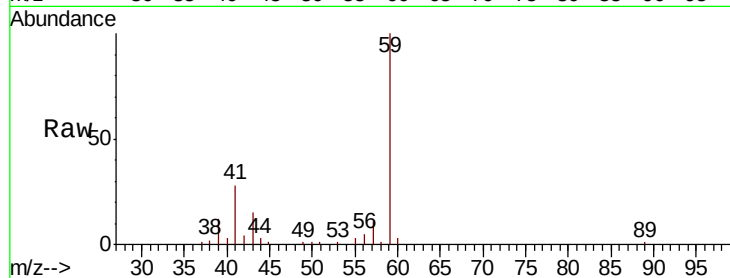
Tert butyl alcohol
 Concen: 94.251 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS03

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.5	12.7

Manual Integrations
 APPROVED

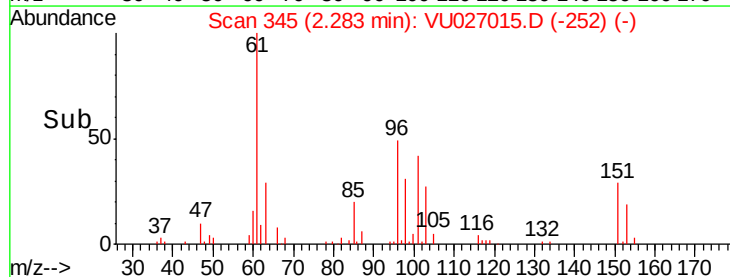
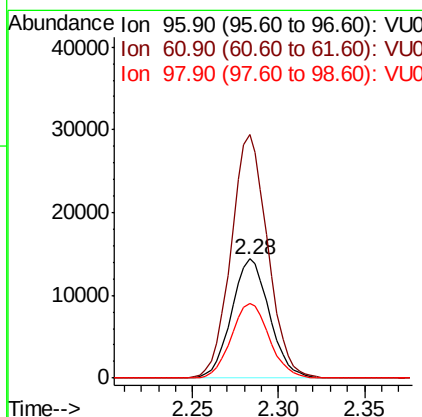
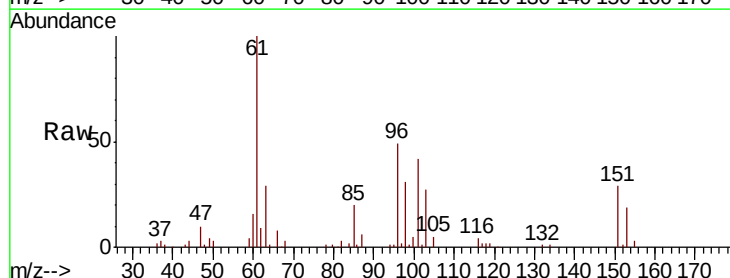
MMDadoda
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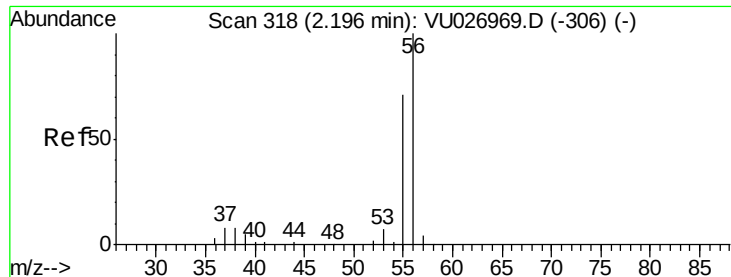


#12

1,1-Dichloroethene
 Concen: 17.937 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	204.8	156.1	234.1
98	62.9	51.4	77.0





#13

Acrolein

Concen: 89.334 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Instrument :

MSVOA_U

ClientSampleId :

VU0922WBS03

Tot Ion: 56 Resp: 19863

Ion Ratio Lower Upper

56 100

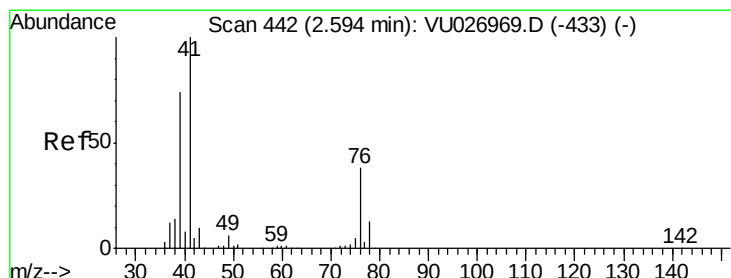
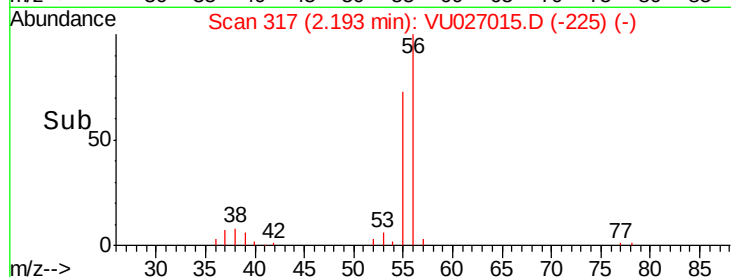
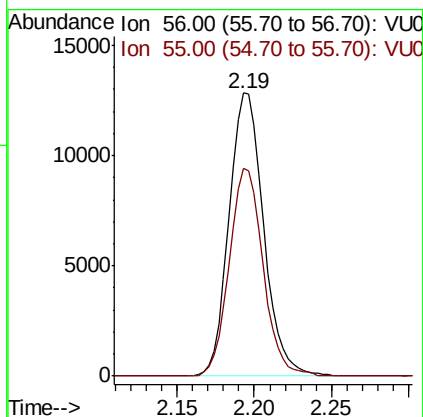
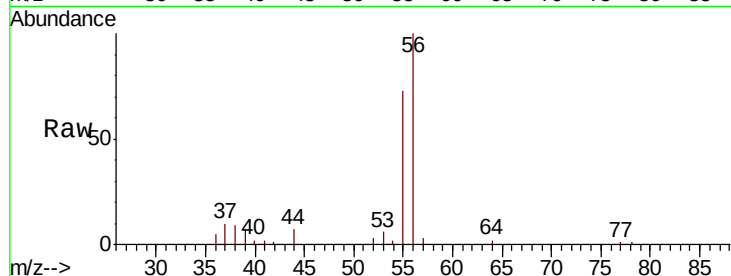
55 71.5 57.1 85.7

Manual Integrations

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#14

Allyl chloride

Concen: 19.285 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

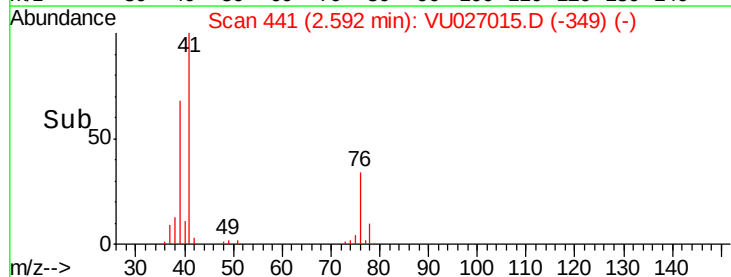
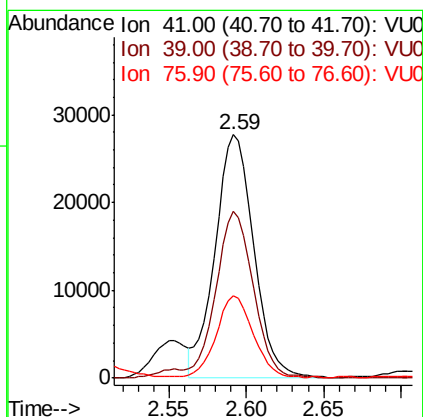
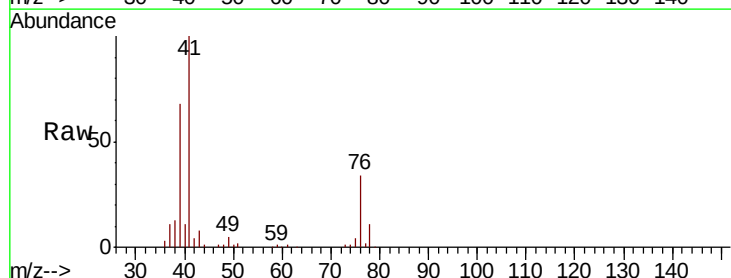
Tgt Ion: 41 Resp: 48301

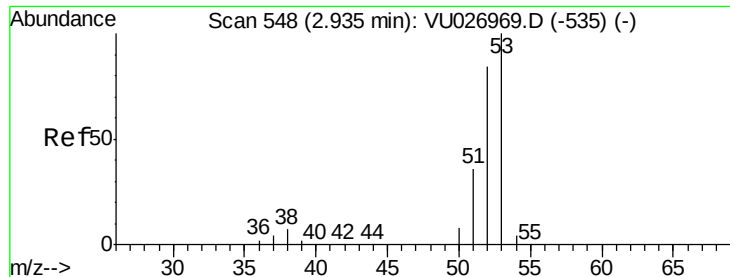
Ion Ratio Lower Upper

41 100

39 66.1 55.7 83.5

76 31.7 26.5 39.7





#15

Acrylonitrile

Concen: 93.524 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Instrument :

MSVOA_U

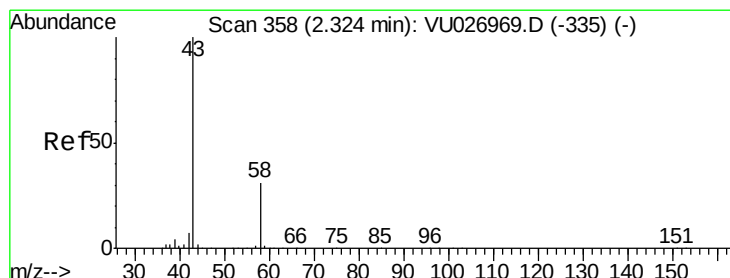
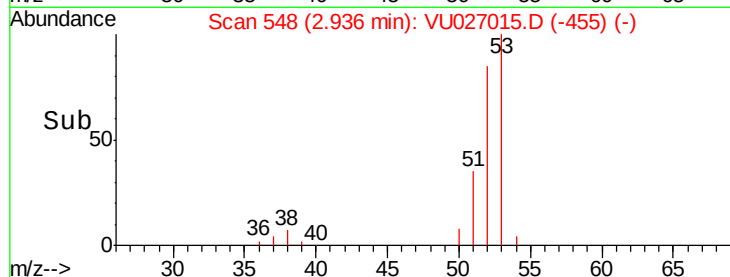
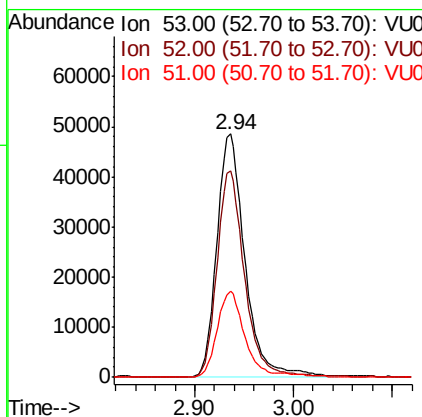
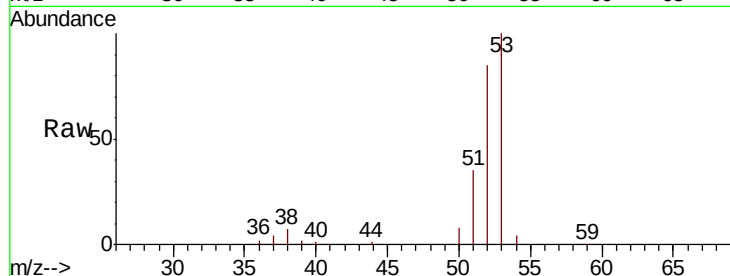
ClientSampleId :

VU0922WBS03

Tot Ion:	53	Resp:	97224
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.7	98.5
51	36.0	27.4	41.2

Manual Integrations
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#16

Acetone

Concen: 99.119 ug/l

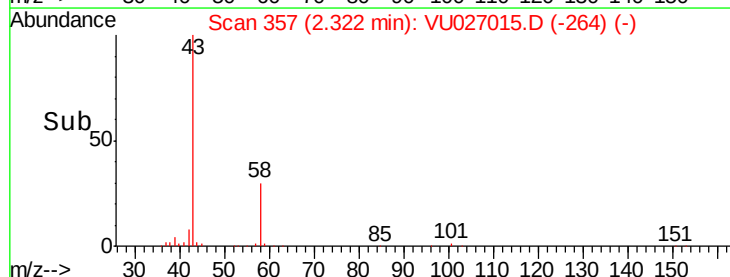
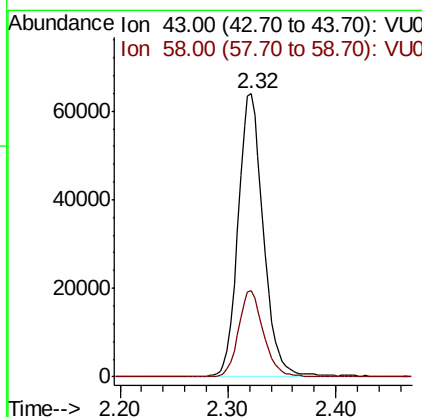
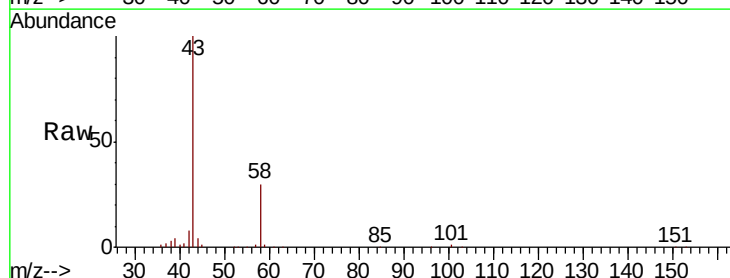
RT: 2.32 min Scan# 357

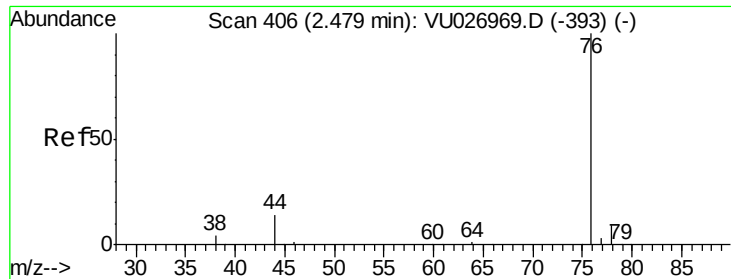
Delta R.T. -0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Tgt Ion:	43	Resp:	104318
Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.6	36.8





#17

Carbon Disulfide

Concen: 16.997 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Instrument :

MSVOA_U

ClientSampleId :

VU0922WBS03

Tot Ion: 76 Resp: 68376

Ion Ratio Lower Upper

76 100

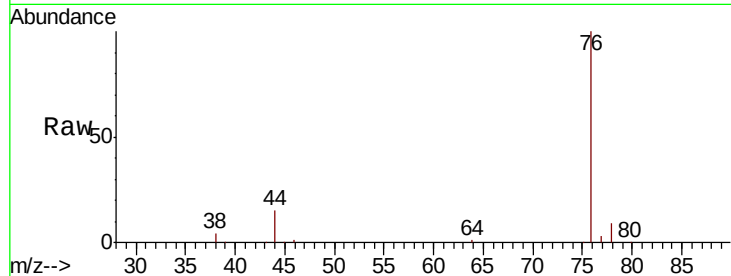
78 9.1 7.1 10.7

Manual Integrations

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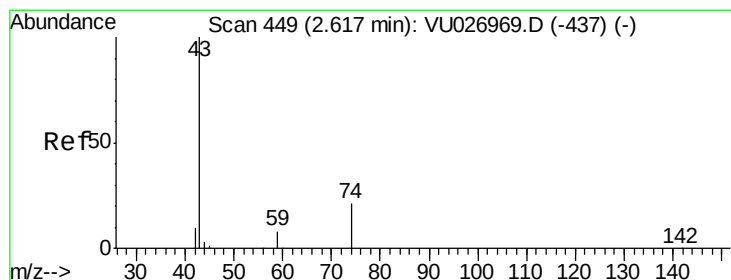
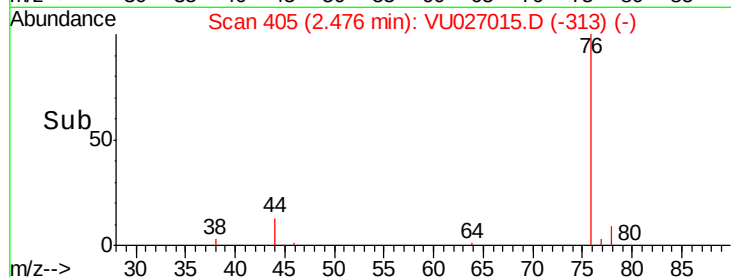
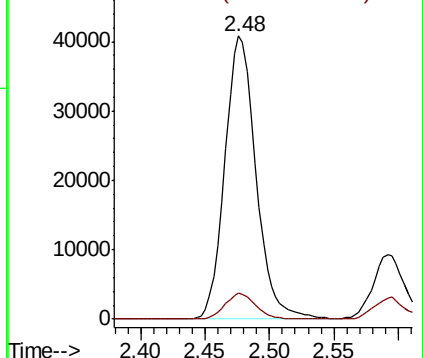
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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 19.270 ug/l

RT: 2.61 min Scan# 448

Delta R.T. -0.00 min

Lab File: VU027015.D

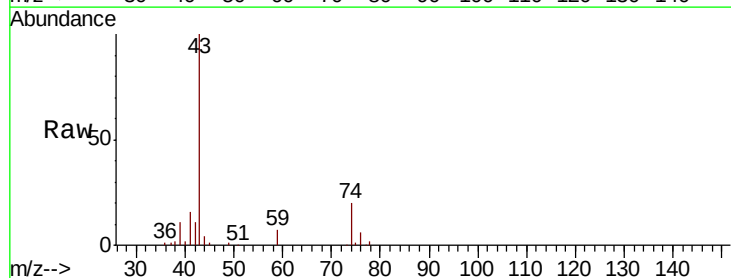
Acq: 22 Sep 2018 15:01

Tgt Ion: 43 Resp: 49356

Ion Ratio Lower Upper

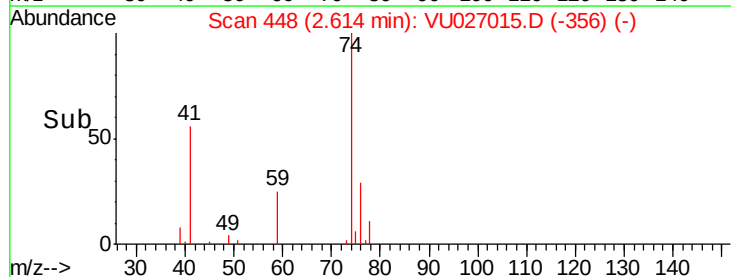
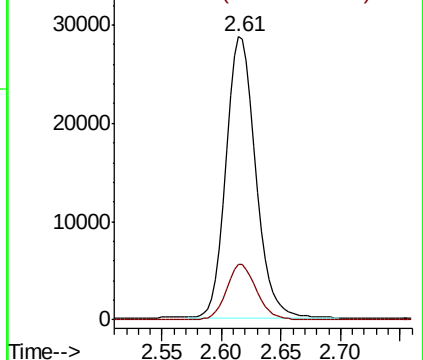
43 100

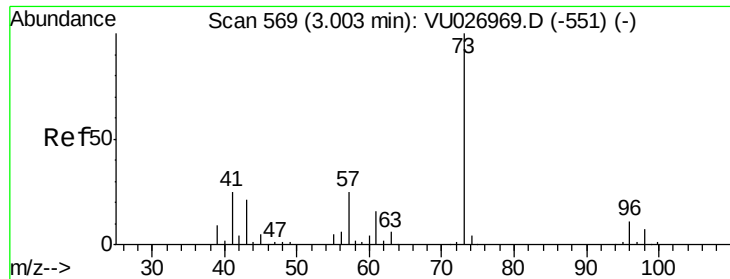
74 20.0 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





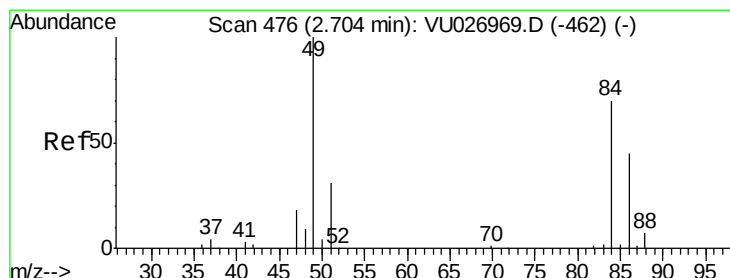
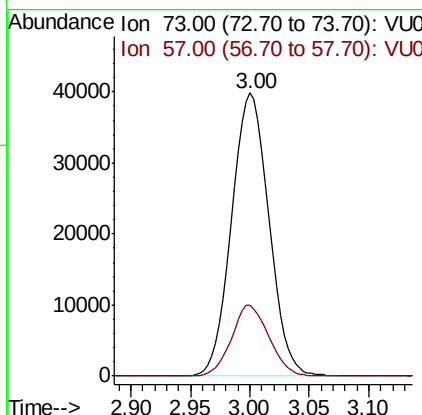
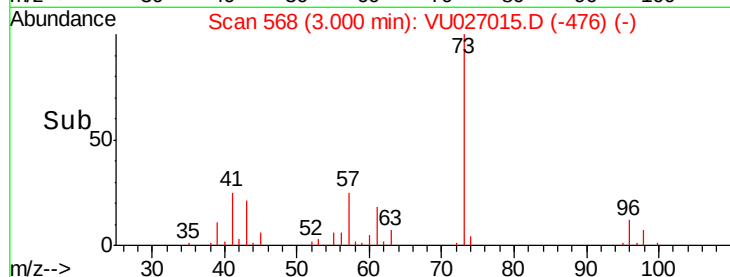
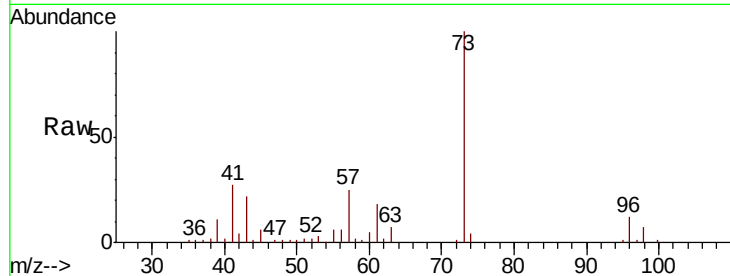
#19
Methyl tert-butyl Ether
Concen: 19.117 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS03

Tot Ion	Ratio	Lower	Upper
73	100		
57	25.0	19.8	29.6

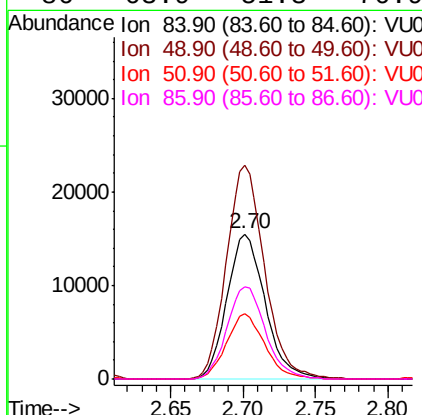
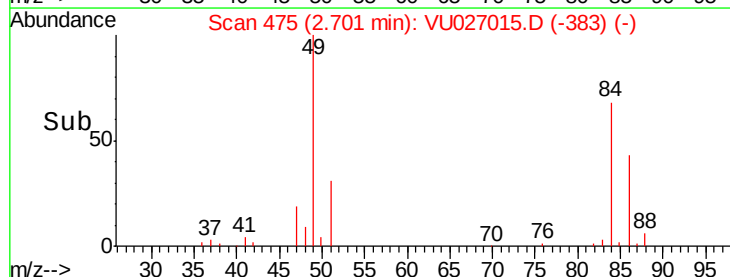
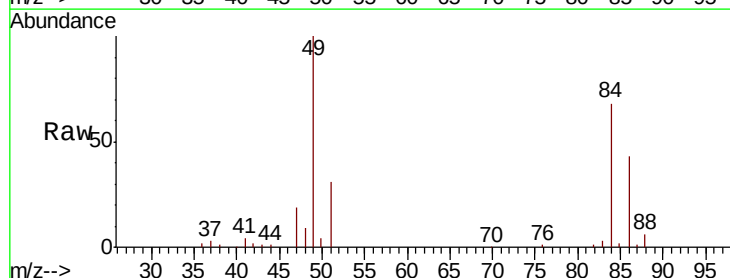
Manual Integrations
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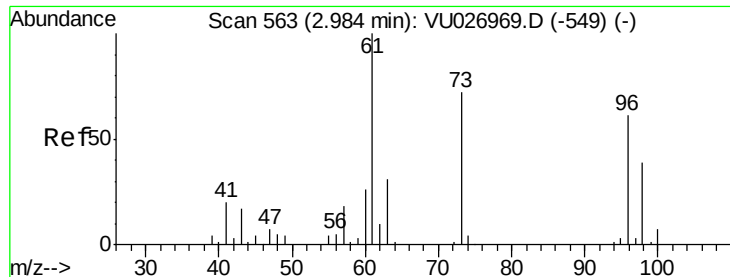
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#20
Methylene Chloride
Concen: 17.554 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	147.2	114.9	172.3
51	44.9	35.8	53.8
86	63.9	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 17.950 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Instrument :

MSVOA_U

ClientSampleId :

VU0922WBS03

Tot Ion: 96 Resp: 23666

Ion Ratio Lower Upper

96 100

61 160.9 131.8 197.6

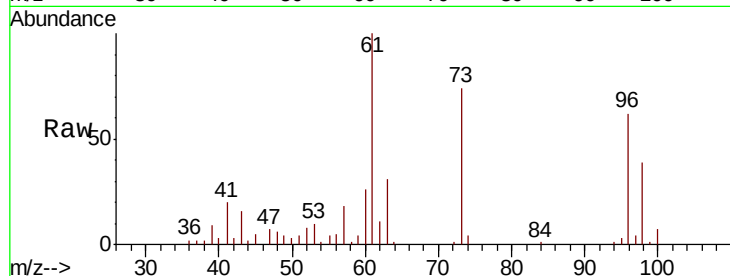
98 62.8 50.9 76.3

Manual Integrations

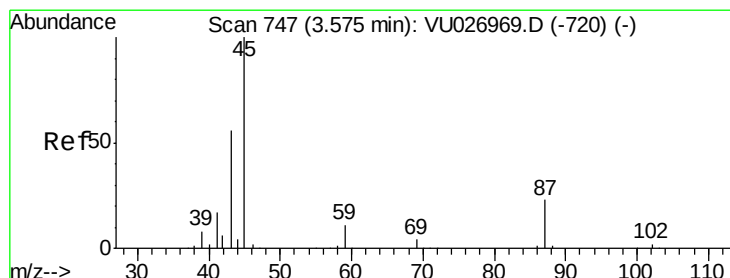
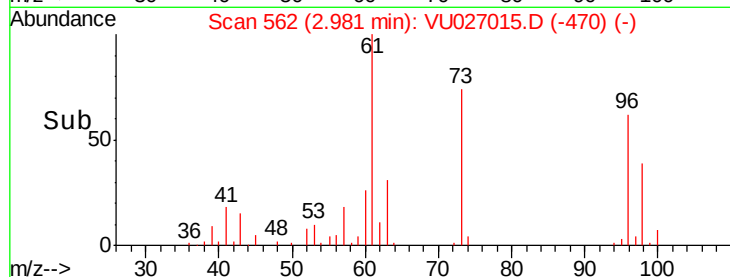
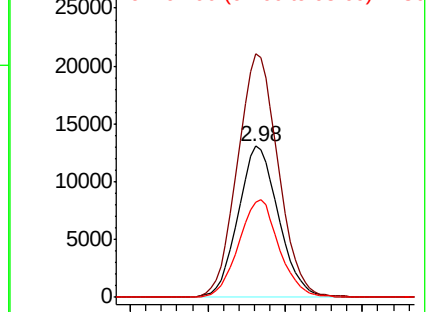
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Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 20.034 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Tgt Ion: 45 Resp: 107327

Ion Ratio Lower Upper

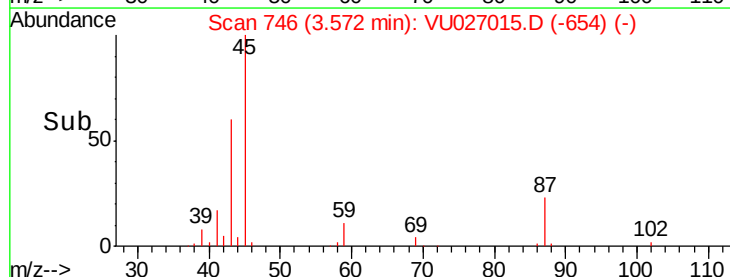
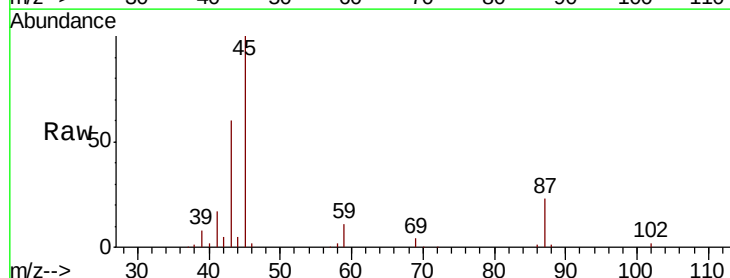
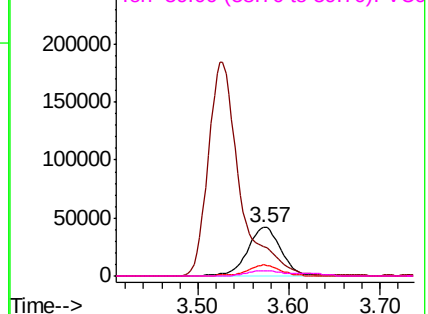
45 100

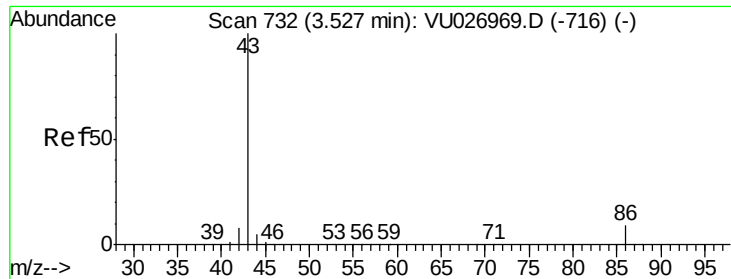
43 58.3 45.8 68.6

87 22.9 18.6 28.0

59 11.3 9.0 13.4

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





#23

Vinyl Acetate

Concen: 97.743 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Instrument :

MSVOA_U

ClientSampleId :

VU0922WBS03

Tot Ion: 43 Resp: 446351

Ion Ratio Lower Upper

43 100

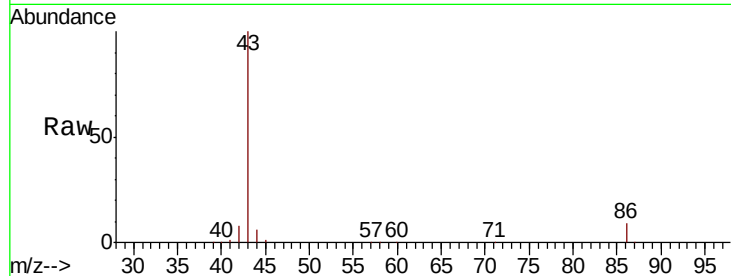
86 8.6 7.2 10.8

Manual Integrations

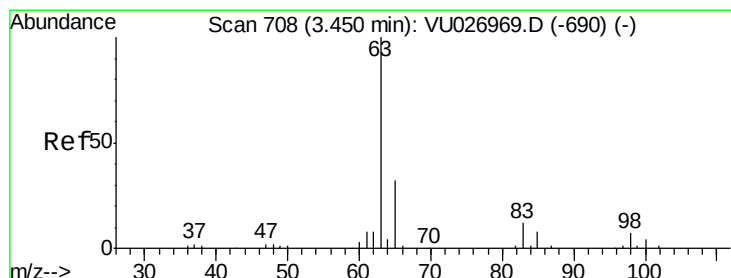
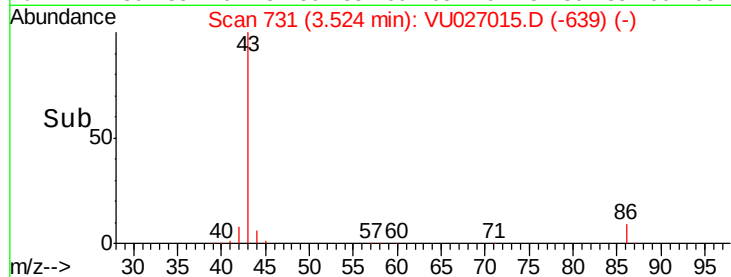
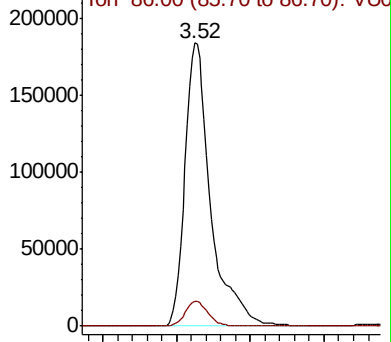
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Abundance Ion 43.00 (42.70 to 43.70): VU027015.D (-639) (-)



#24

1,1-Dichloroethane

Concen: 18.931 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

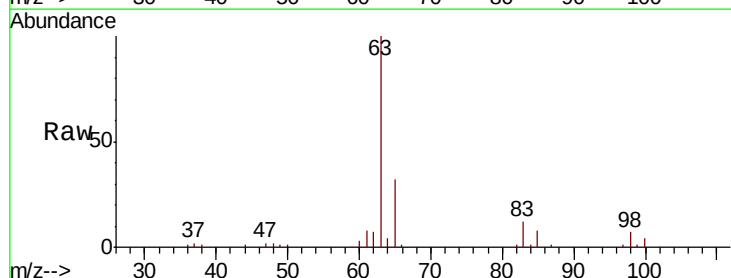
Tgt Ion: 63 Resp: 55856

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

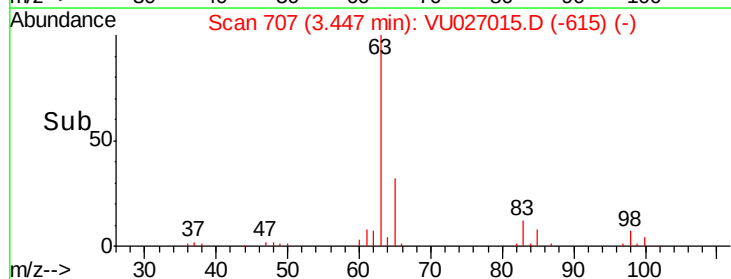
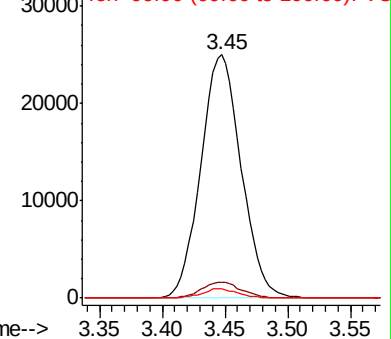
100 4.0 2.0 5.8

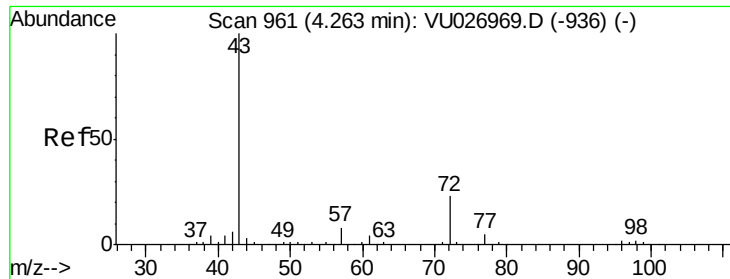


Abundance Ion 62.90 (62.60 to 63.60): VU027015.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027015.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027015.D (-615) (-)





#25

2-Butanone

Concen: 95.086 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Instrument :

MSVOA_U

ClientSampleId :

VU0922WBS03

Tot Ion: 43 Resp: 143798

Ion Ratio Lower Upper

43 100

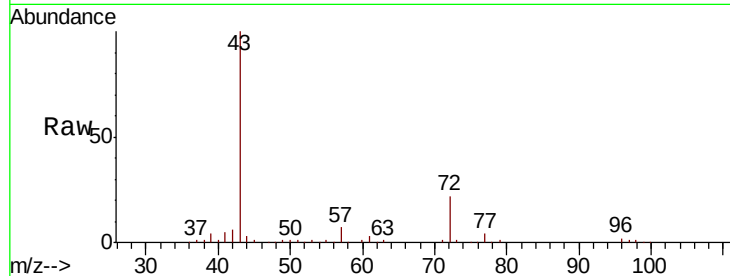
72 22.5 18.4 27.6

Manual Integrations

APPROVED

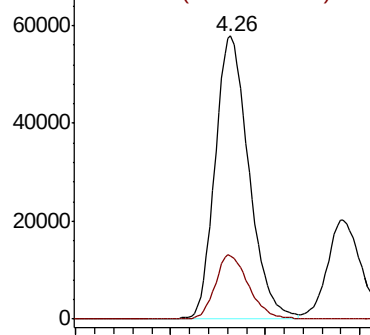
MMDadoda

9/24/2018 2:14:22 PM

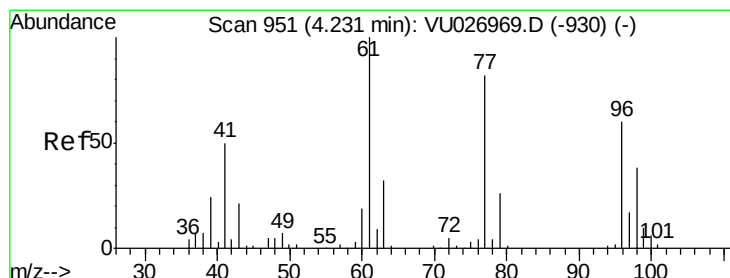
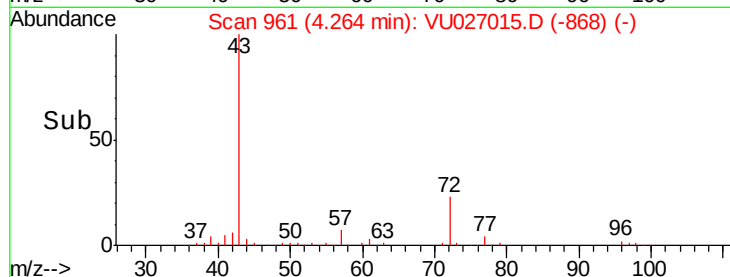


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



Time--> 4.10 4.20 4.30



#26

2,2-Dichloropropane

Concen: 19.000 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027015.D

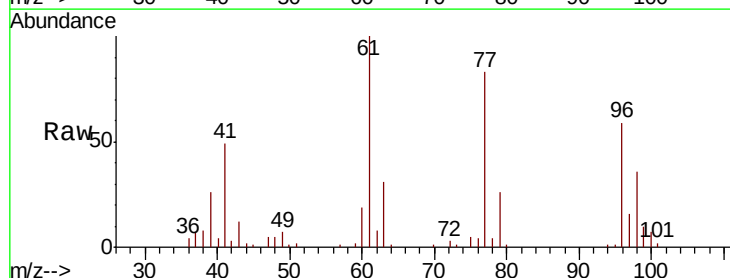
Acq: 22 Sep 2018 15:01

Tgt Ion: 77 Resp: 43721

Ion Ratio Lower Upper

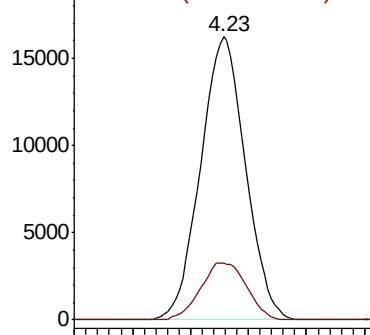
77 100

97 20.7 10.5 31.5

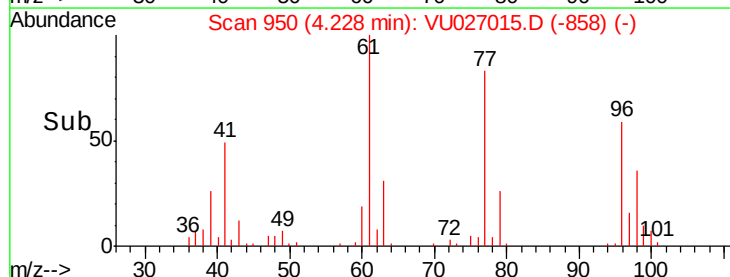


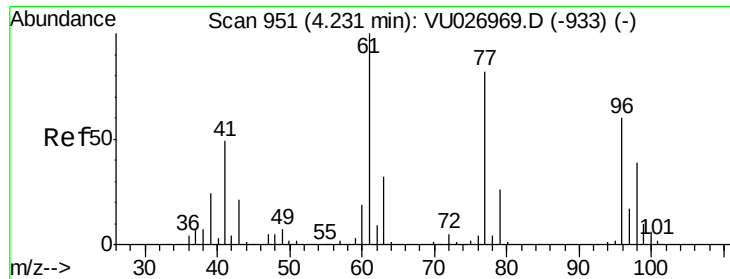
Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



Time--> 4.10 4.15 4.20 4.25 4.30





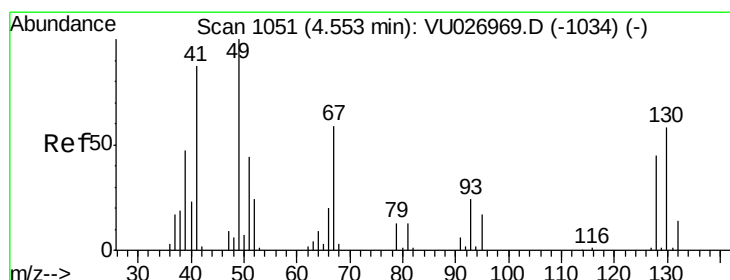
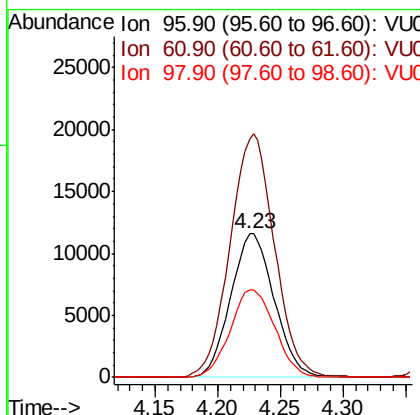
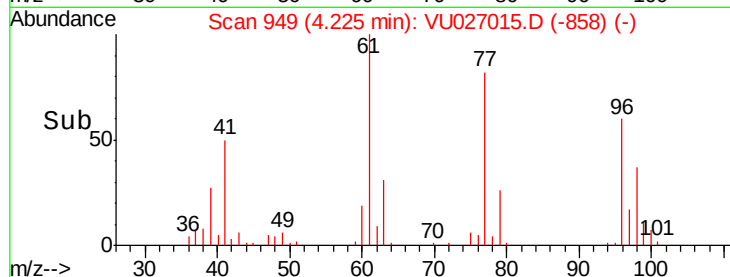
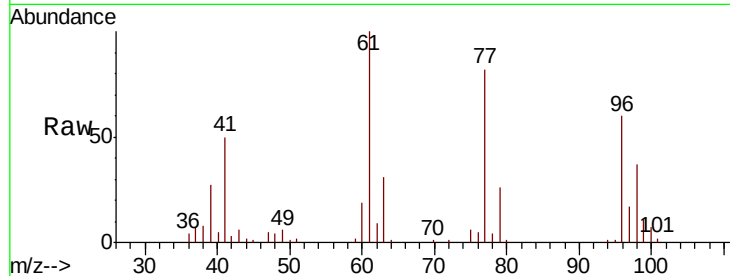
#27
 cis-1,2-Dichloroethene
 Concen: 18.748 ug/l
 RT: 4.23 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS03

Tot Ion	Ratio	Resp	Lower	Upper
96	100	27915		
61	172.2	0.0	337.2	
98	62.3	0.0	127.6	

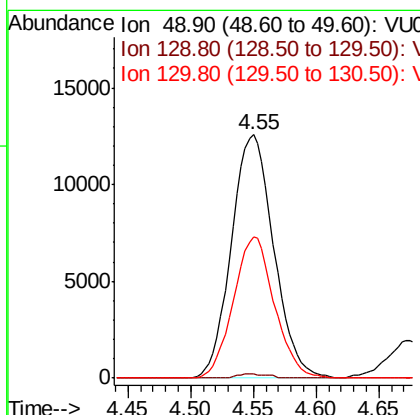
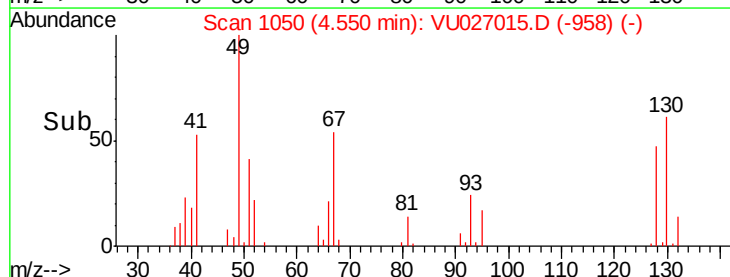
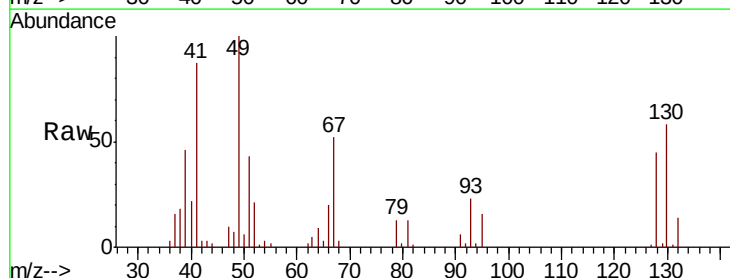
Manual Integrations
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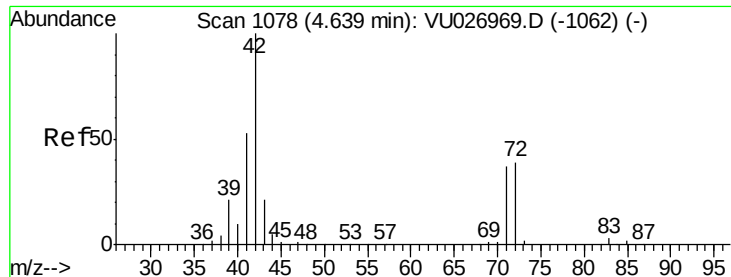
MMDadoda
 9/24/2018 2:14:22 PM



#28
 Bromochloromethane
 Concen: 20.775 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	29548		
129	1.2	0.0	3.0	
130	56.2	47.8	71.8	





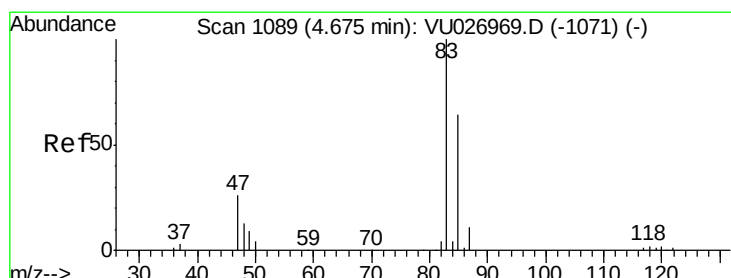
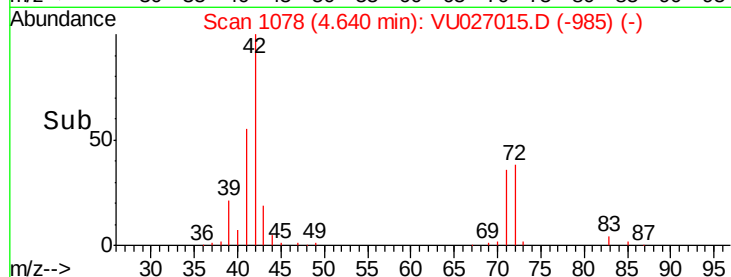
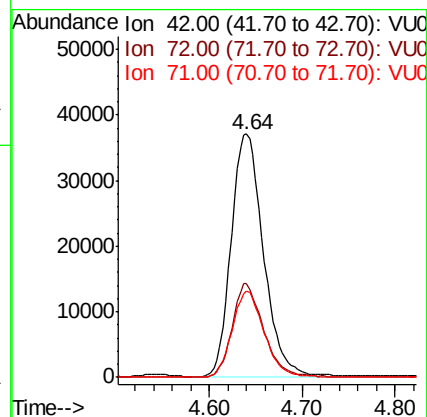
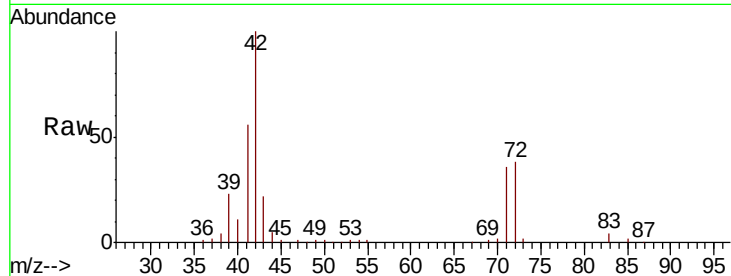
#29
Tetrahydrofuran
Concen: 97.356 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS03

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.3	31.7	47.5
71	35.2	29.6	44.4

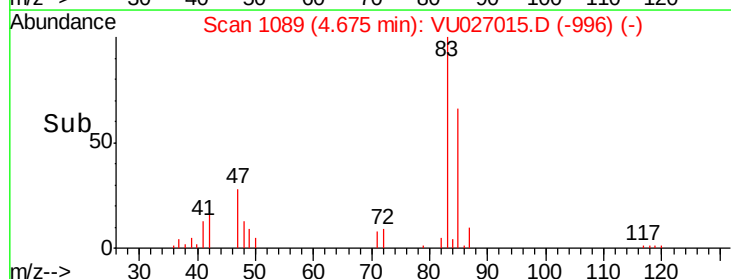
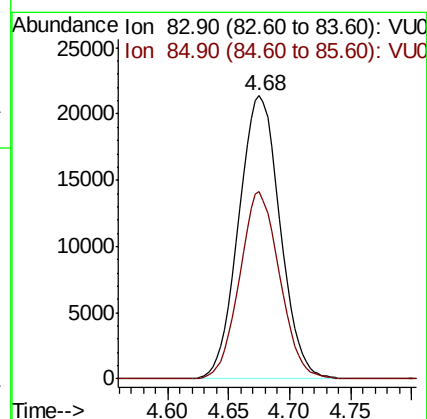
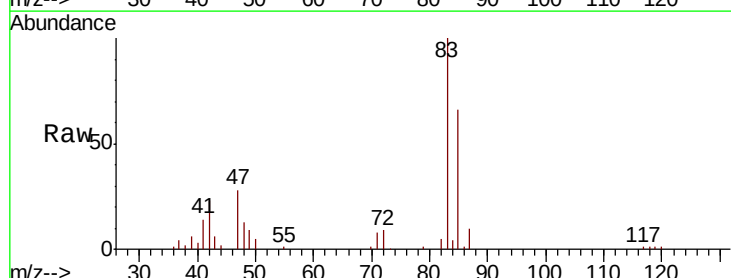
Manual Integrations
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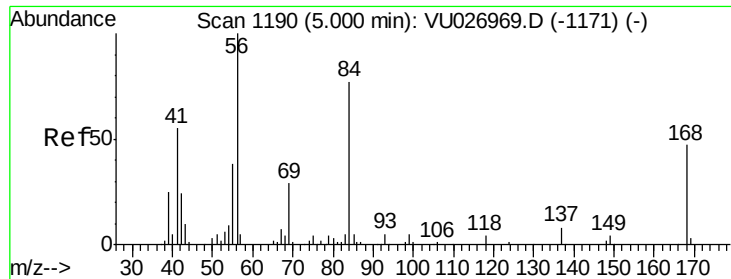
MMDadoda
9/24/2018 2:14:22 PM



#30
Chloroform
Concen: 18.331 ug/l
RT: 4.68 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.5	77.3





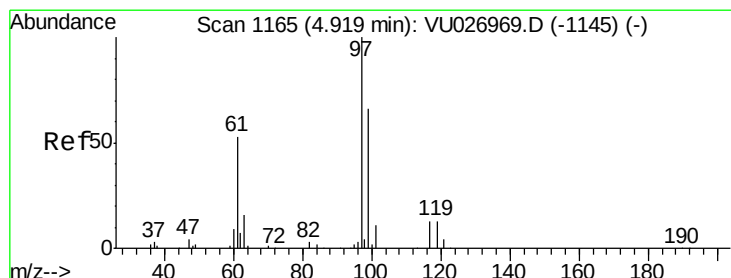
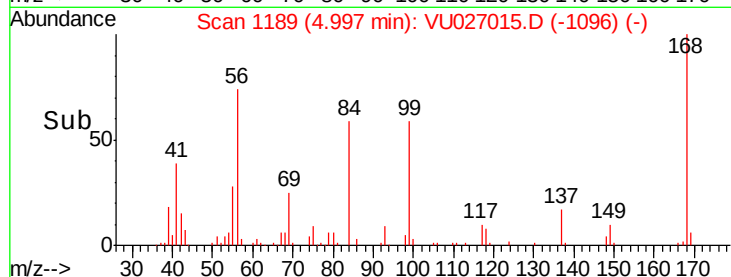
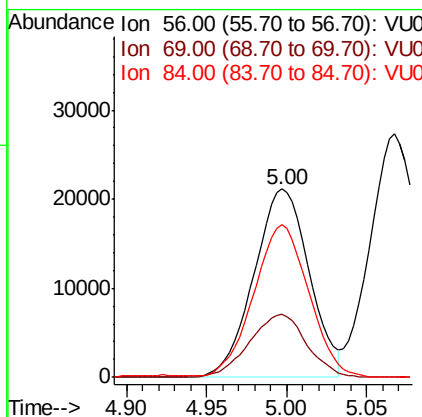
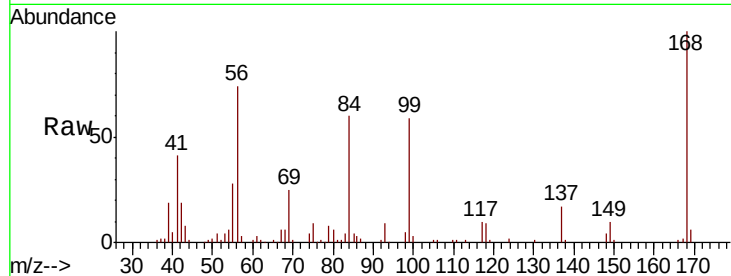
#31
Cyclohexane
Concen: 18.509 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS03

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.8	23.0	34.4
84	80.5	61.4	92.2

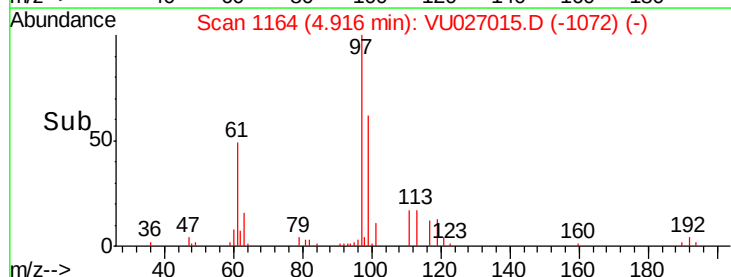
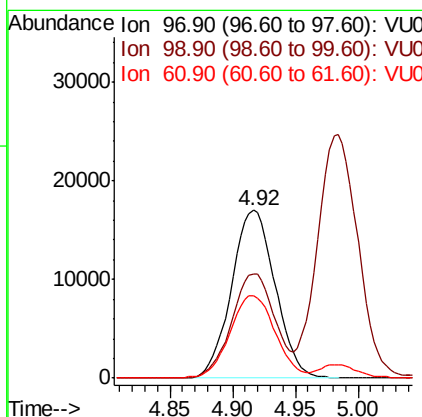
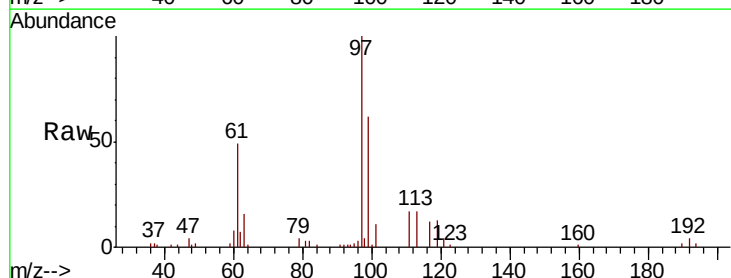
Manual Integrations
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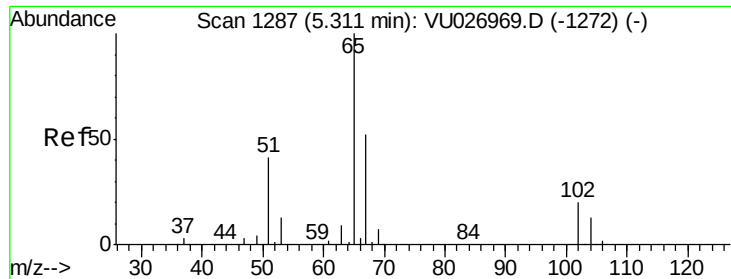
MMDadoda
9/24/2018 2:14:22 PM



#32
1,1,1-Trichloroethane
Concen: 18.851 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.0	51.8	77.6
61	51.4	41.1	61.7





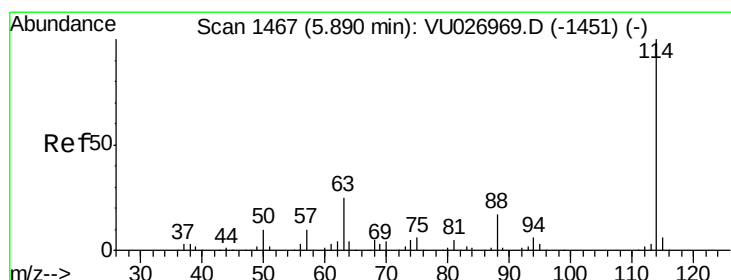
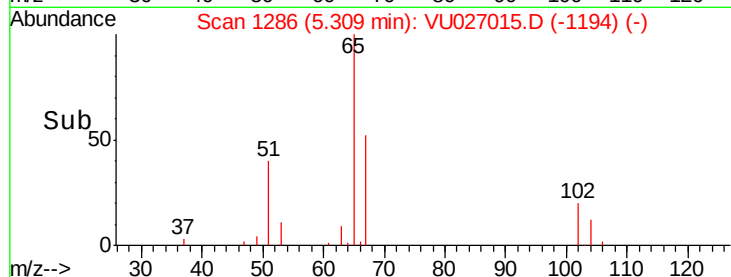
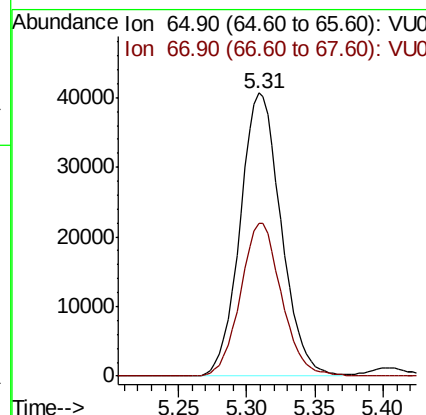
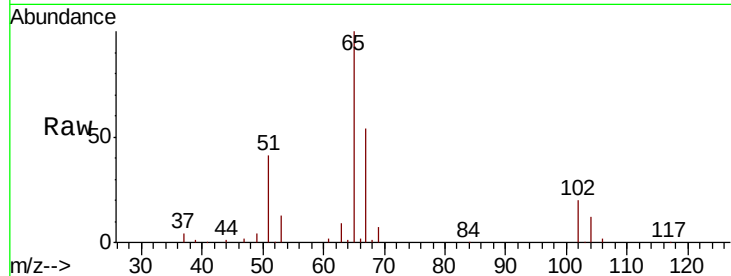
#33
 1,2-Dichloroethane-d4
 Concen: 47.070 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS03

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	105.6

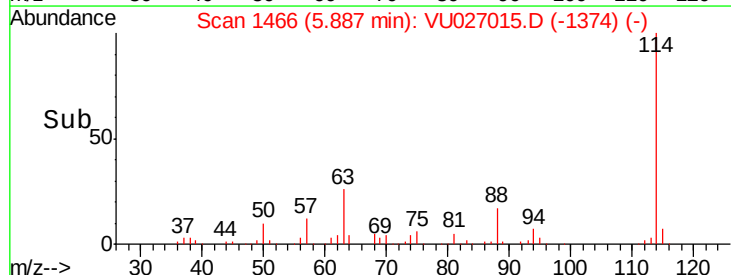
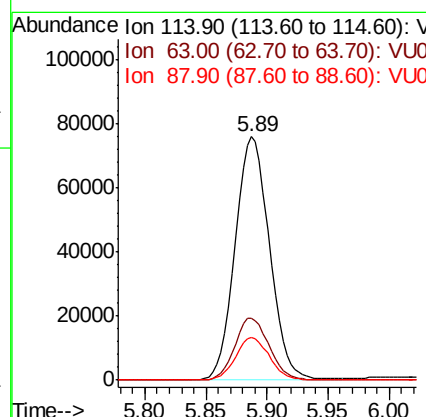
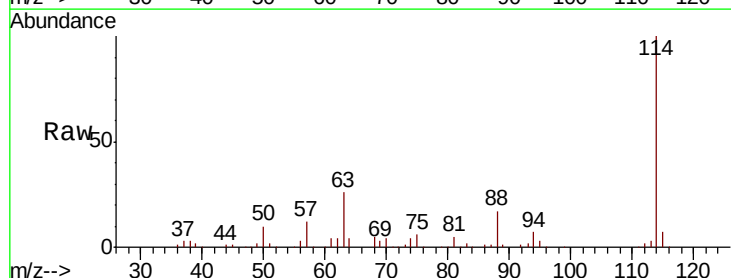
Manual Integrations
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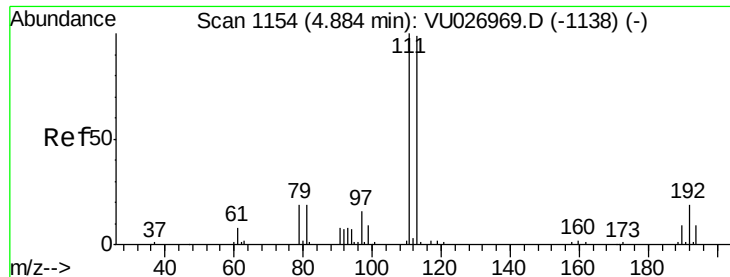
MMDadoda
 9/24/2018 2:14:22 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.5	0.0	49.2
88	17.4	0.0	33.8





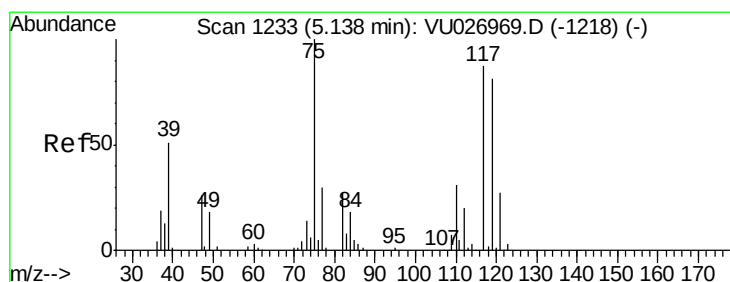
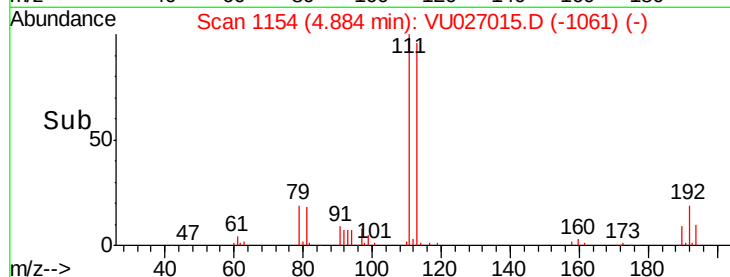
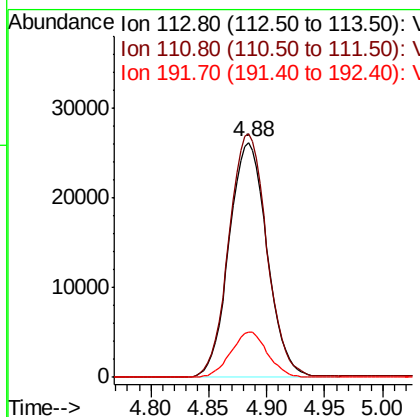
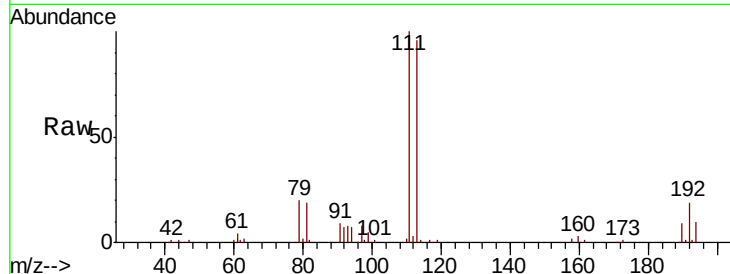
#35
 Dibromofluoromethane
 Concen: 46.224 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS03

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.4
192	18.5	15.2	22.8

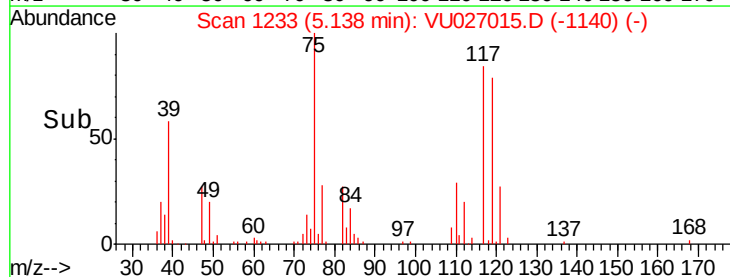
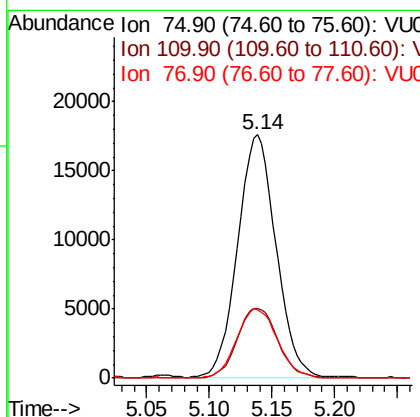
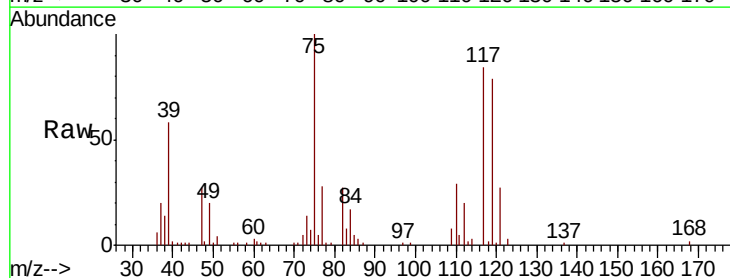
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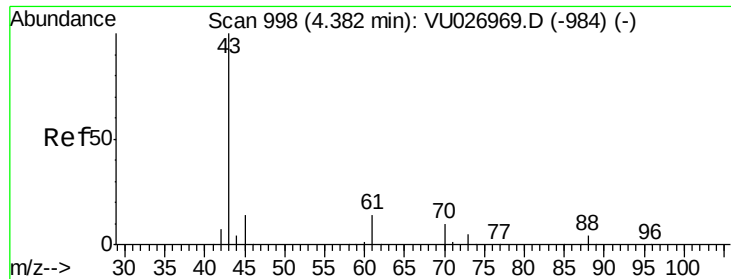
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 9/24/2018 2:14:22 PM



#36
 1,1-Dichloropropene
 Concen: 18.943 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.1	16.1	48.2
77	30.0	24.6	36.8





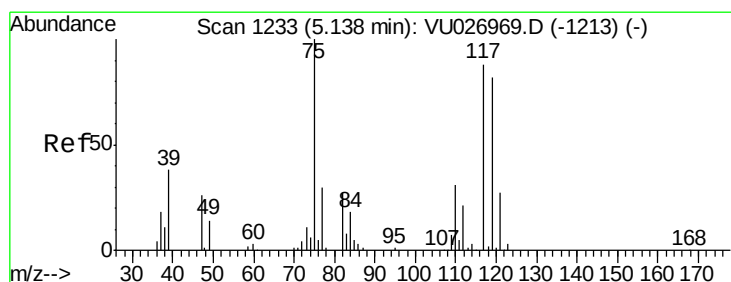
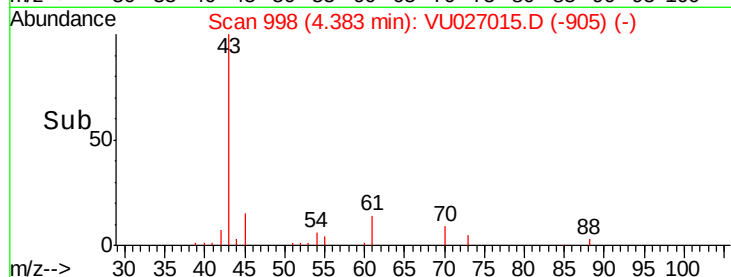
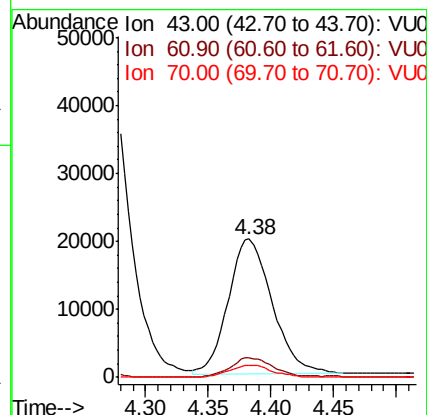
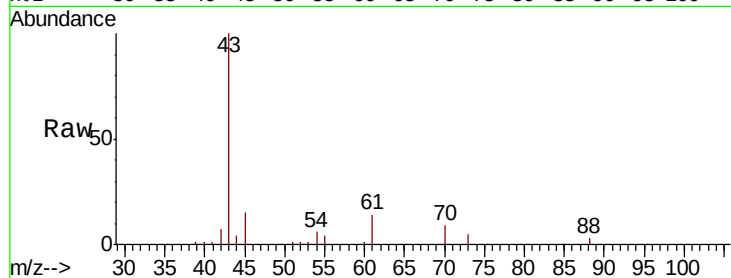
#37
Ethyl Acetate
Concen: 18.105 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS03

Tot Ion	43	61	70
Resp	48783		
Ratio	100	14.4	9.0
Lower		10.5	7.4
Upper		15.7	11.0

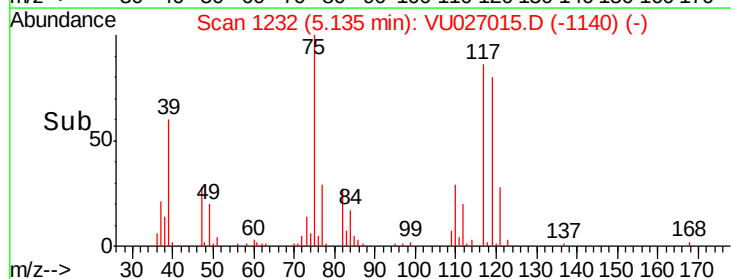
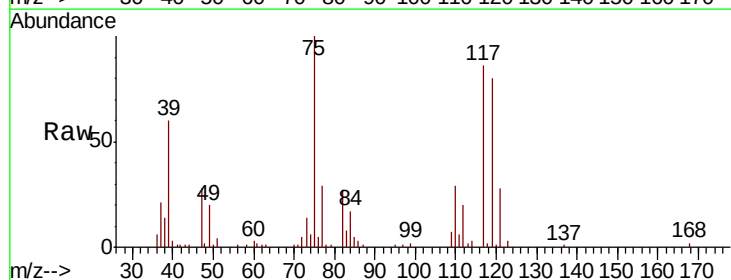
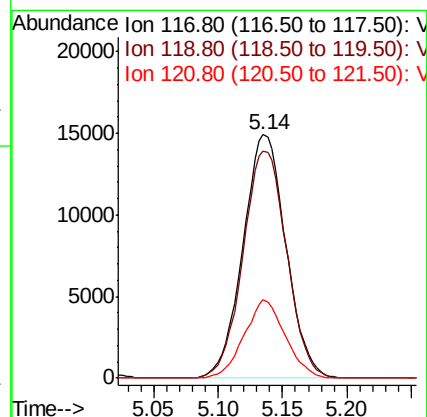
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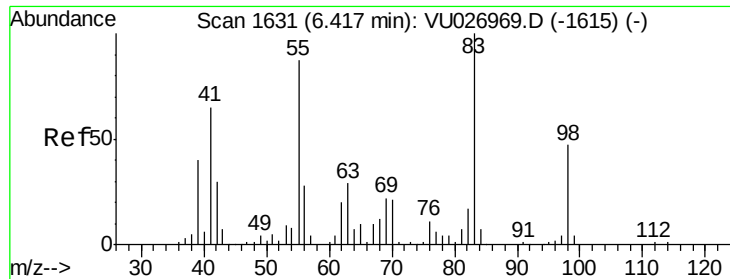
MMDadoda
9/24/2018 2:14:22 PM



#38
Carbon Tetrachloride
Concen: 18.251 ug/l
RT: 5.14 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Tgt Ion	117	119	121
Resp	34569		
Ratio	100	93.3	32.0
Lower		74.4	24.2
Upper		111.6	36.4





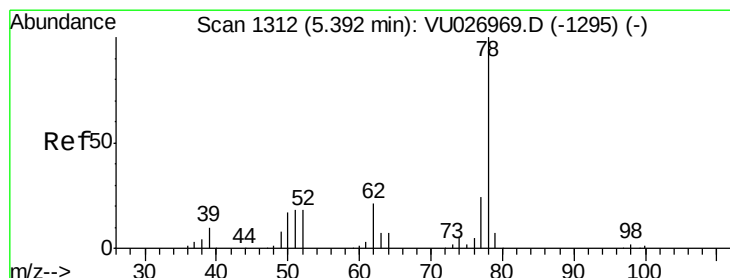
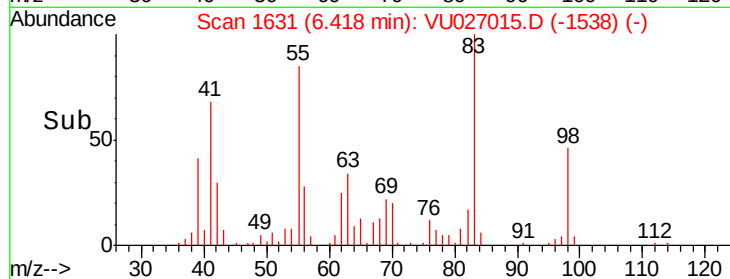
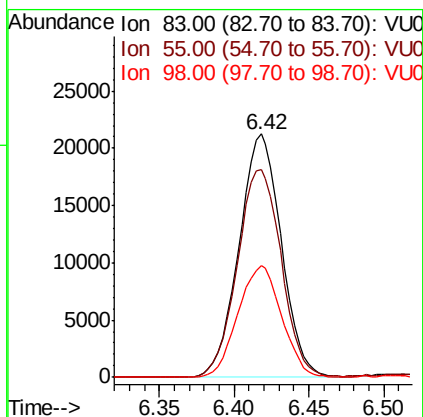
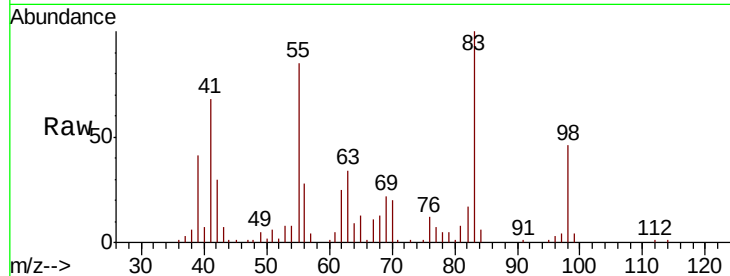
#39
Methylvlcyclohexane
Concen: 19.323 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS03

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.4	69.9	104.9
98	45.7	37.5	56.3

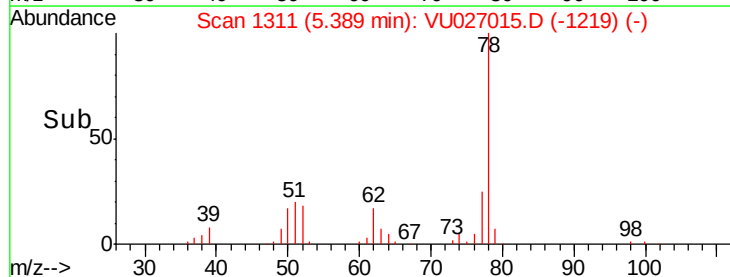
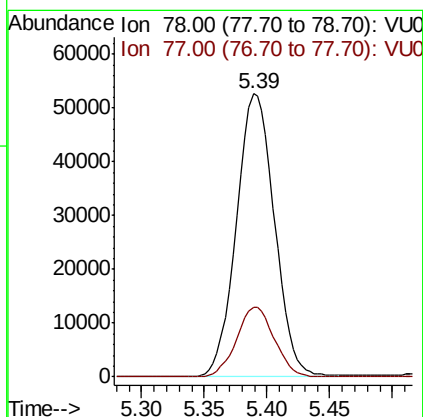
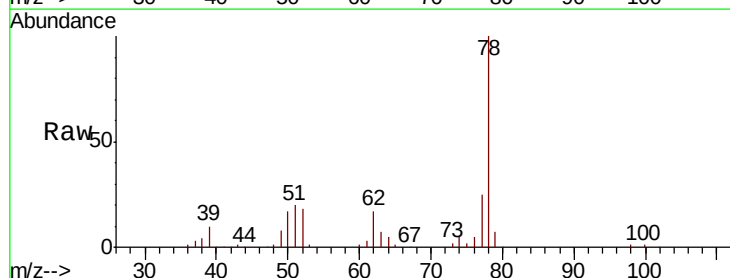
Manual Integrations
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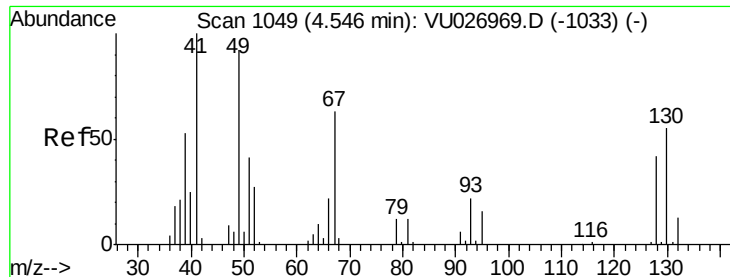
MMDadoda
9/24/2018 2:14:22 PM



#40
Benzene
Concen: 18.367 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.4	29.0





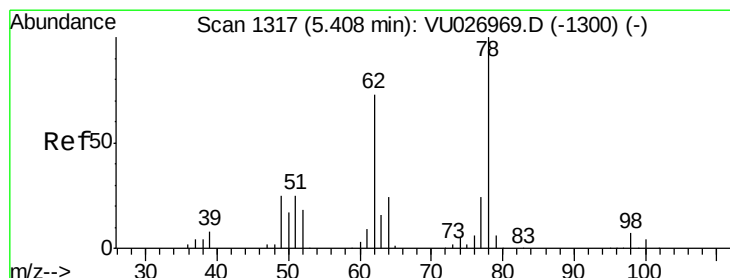
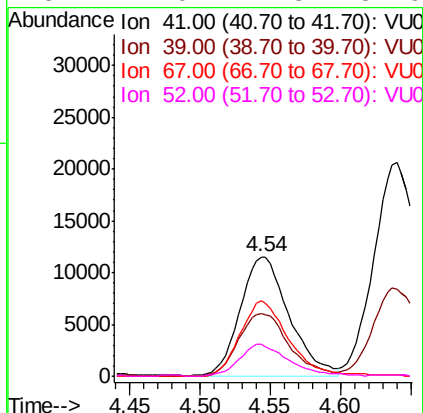
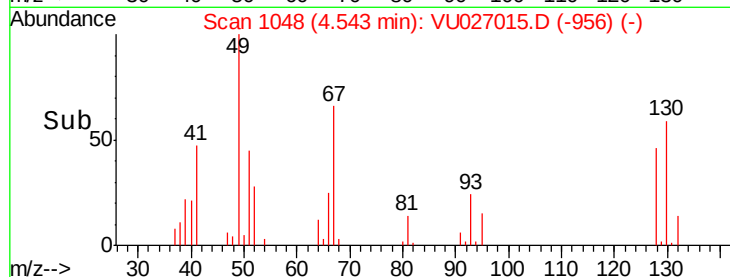
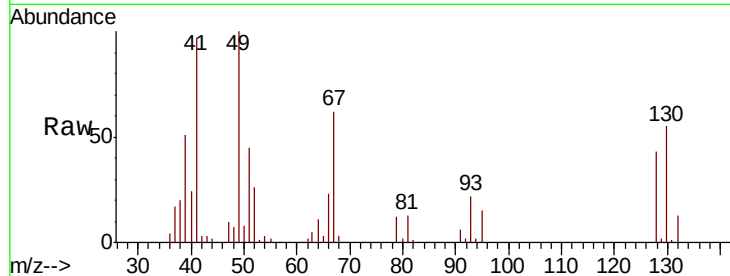
#41
Methacrylonitrile
Concen: 20.134 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS03

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.7	42.9	64.3	
67	61.6	52.4	78.6	
52	27.0	21.3	31.9	

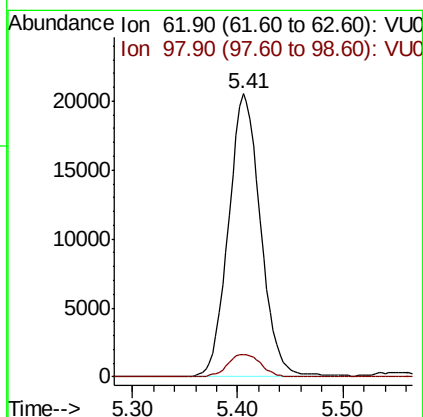
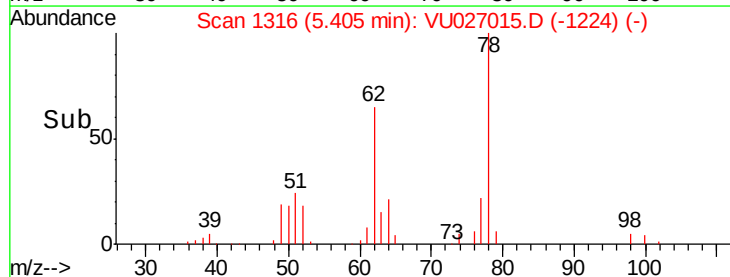
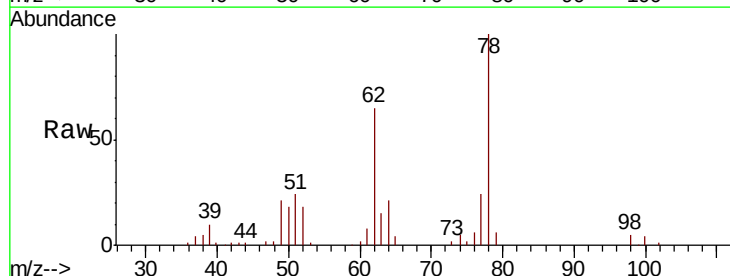
Manual Integrations
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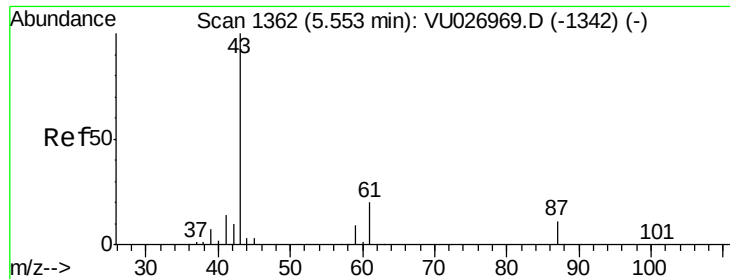
MMDadoda
9/24/2018 2:14:22 PM



#42
1,2-Dichloroethane
Concen: 18.942 ug/l
RT: 5.41 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	17.0	





#43

Isopropyl Acetate

Concen: 19.609 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Instrument :

MSVOA_U

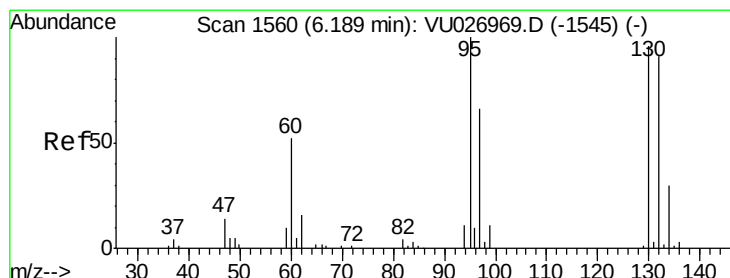
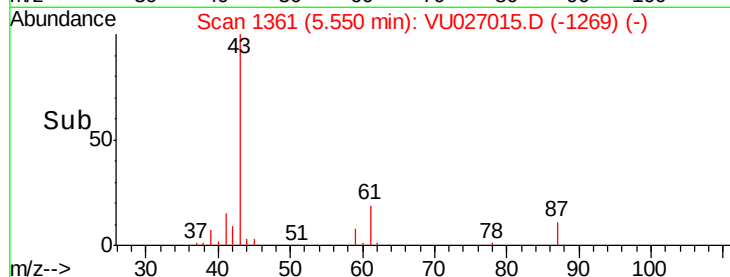
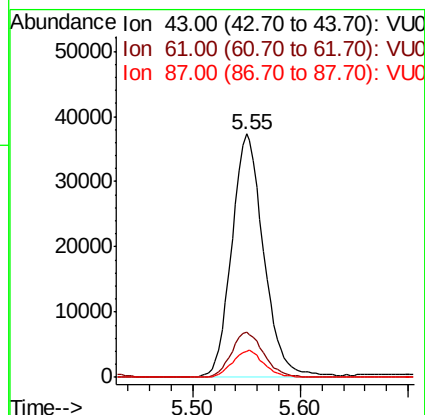
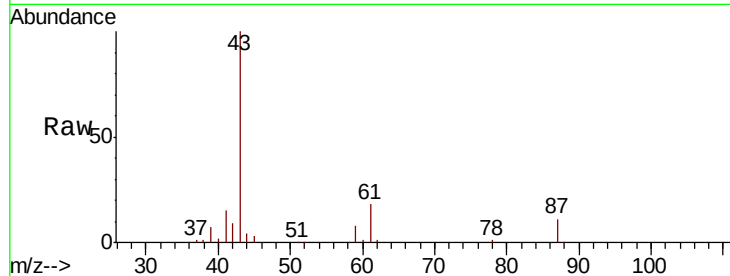
ClientSampleId :

VU0922WBS03

Tot Ion:	43	Resp:	77052
Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.7	23.5
87	10.8	9.0	13.4

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MMDadoda
9/24/2018 2:14:22 PM



#44

Trichloroethene

Concen: 18.171 ug/l

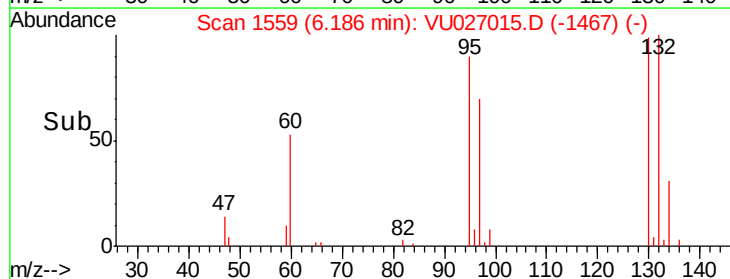
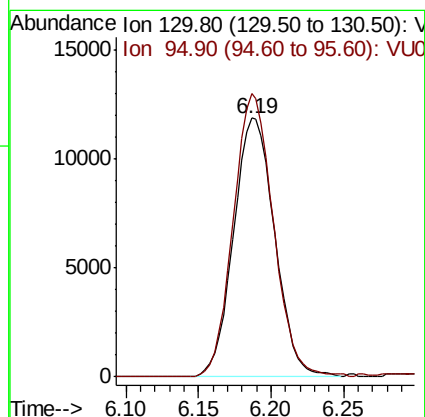
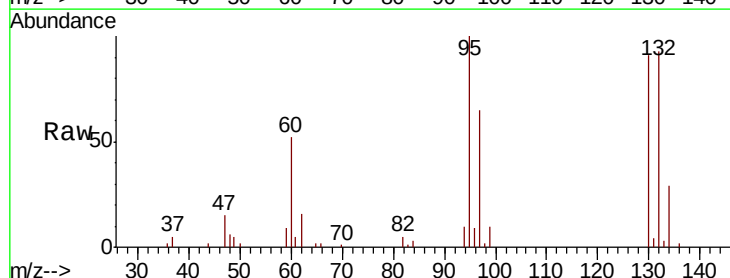
RT: 6.19 min Scan# 1559

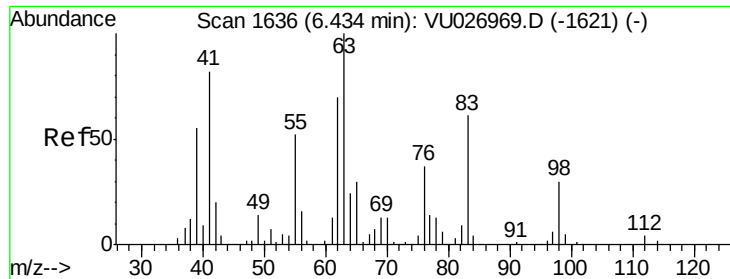
Delta R.T. -0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Tgt Ion:	130	Resp:	23406
Ion	Ratio	Lower	Upper
130	100		
95	109.5	0.0	208.8





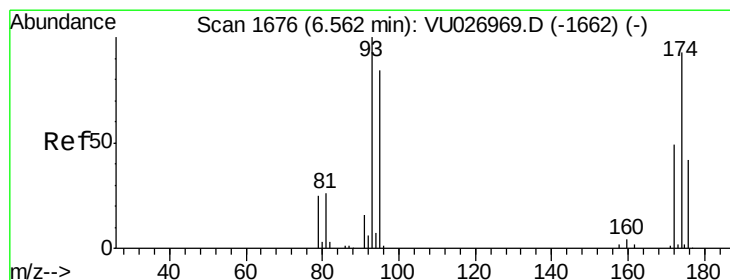
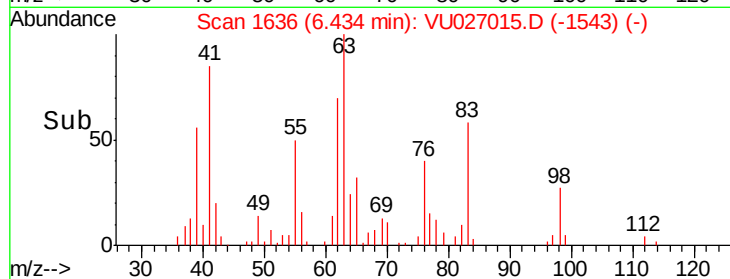
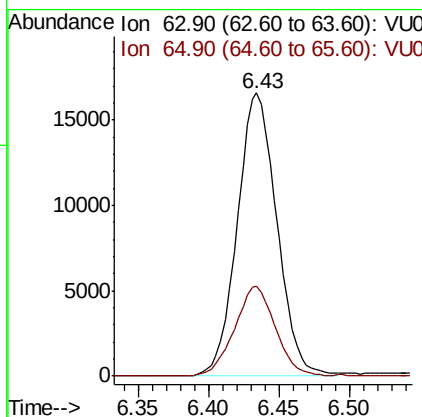
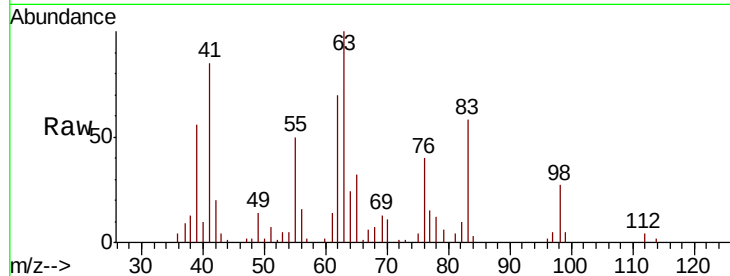
#45
 1,2-Dichloropropane
 Concen: 18.955 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS03

Tot Ion: 63 Resp: 32679
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.3 36.5

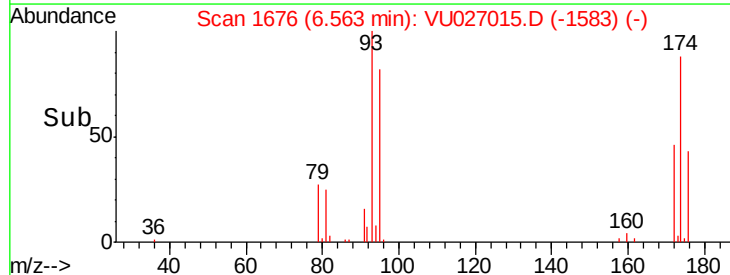
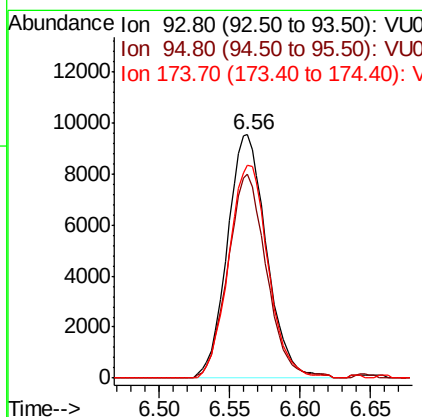
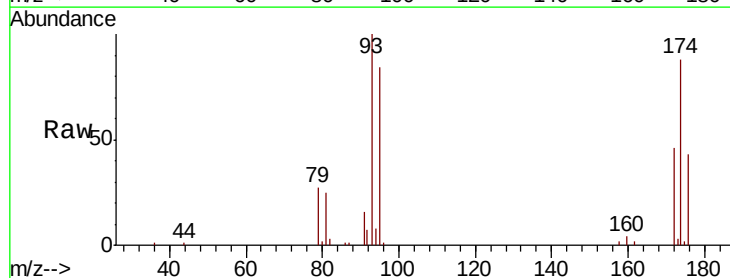
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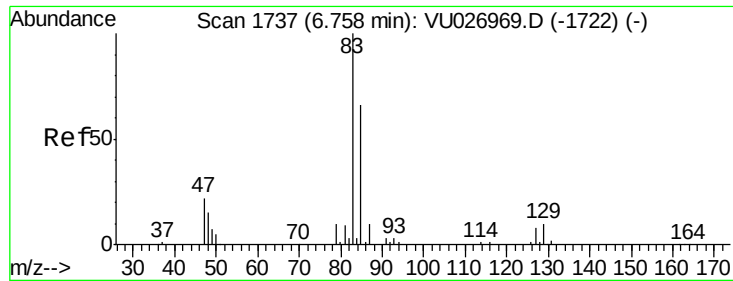
MMDadoda
 9/24/2018 2:14:22 PM



#46
 Dibromomethane
 Concen: 17.868 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Tgt Ion: 93 Resp: 18605
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.2 99.4
 174 87.6 71.7 107.5





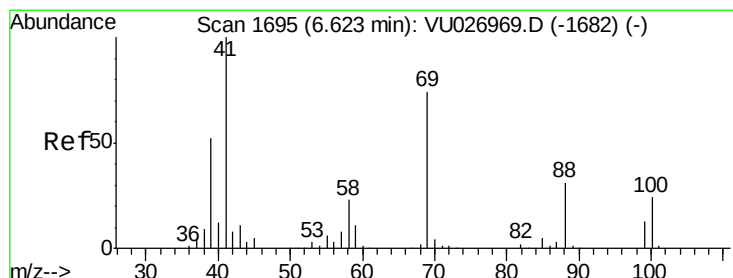
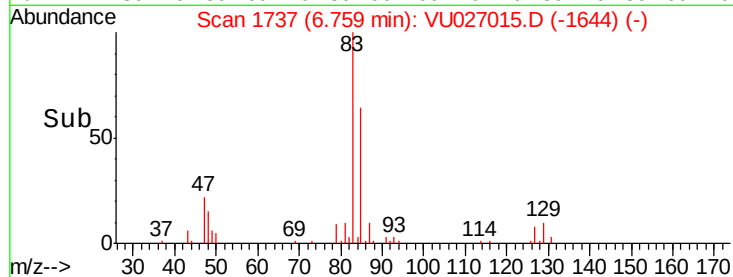
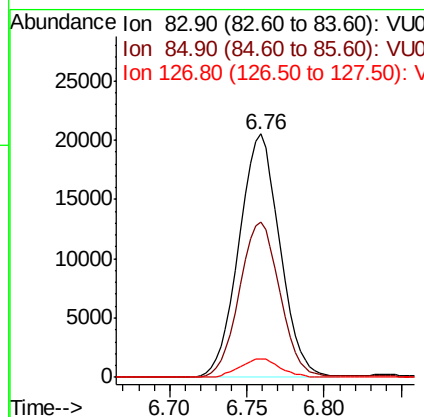
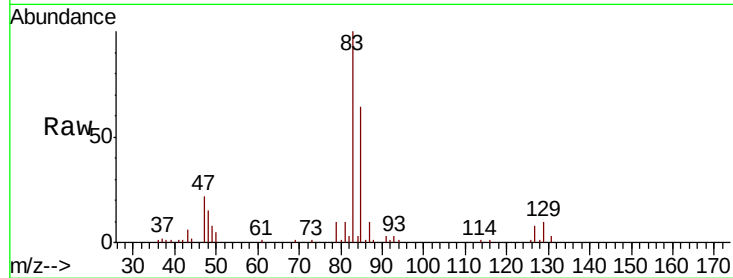
#47
 Bromodichloromethane
 Concen: 17.953 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS03

Tot Ion	83	Resp	37798
Ion Ratio	Lower	Upper	
83	100		
85	63.7	52.5	78.7
127	7.6	6.3	9.5

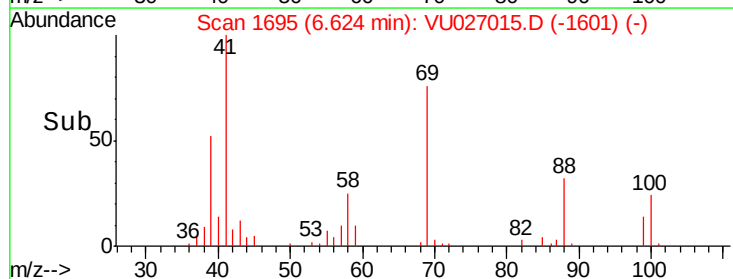
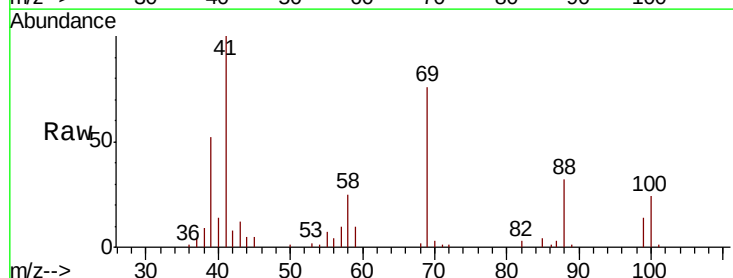
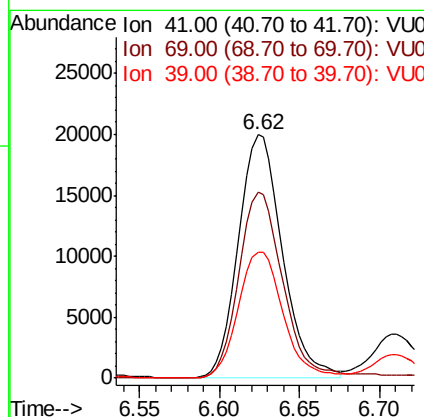
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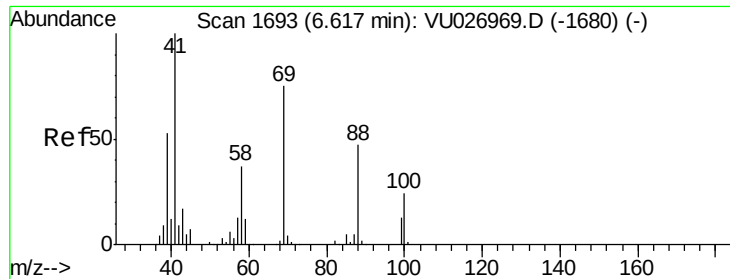
MMDadoda
 9/24/2018 2:14:22 PM



#48
 Methyl methacrylate
 Concen: 18.214 ug/l
 RT: 6.62 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Tgt Ion	41	Resp	37550
Ion Ratio	Lower	Upper	
41	100		
69	76.3	60.6	90.8
39	53.2	42.8	64.2





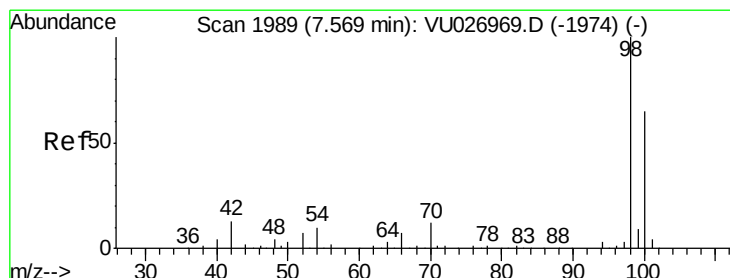
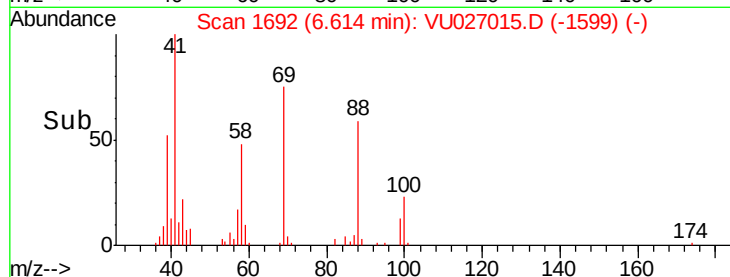
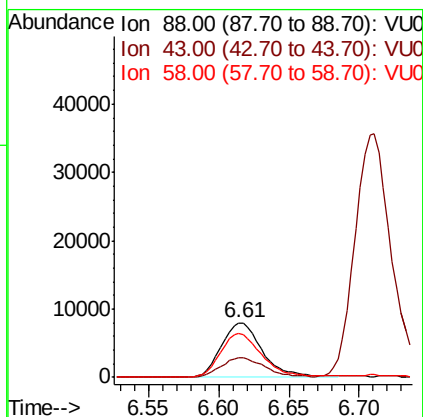
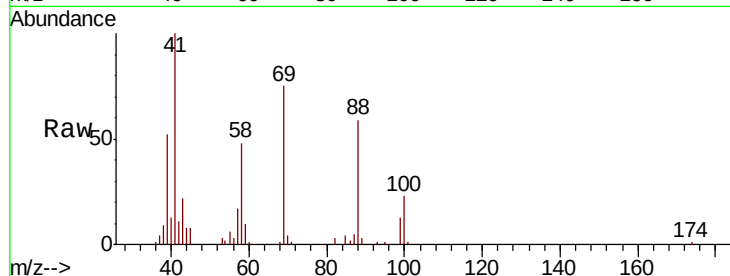
#49
1,4-Dioxane
Concen: 383.234 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS03

Tot Ion	Ratio	Resp	Lower	Upper
88	100	16323		
43	38.1	29.8	44.8	
58	81.0	63.9	95.9	

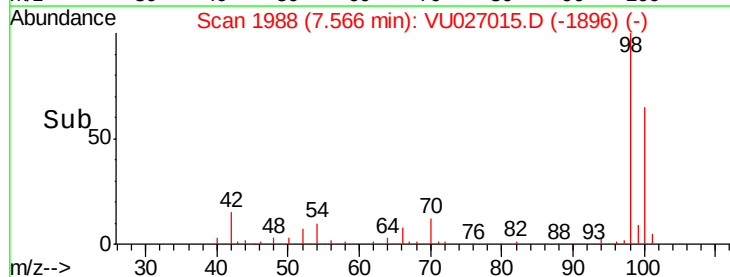
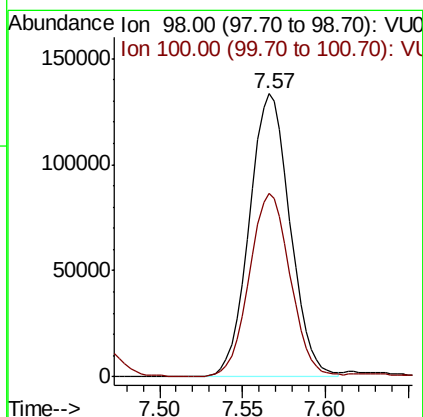
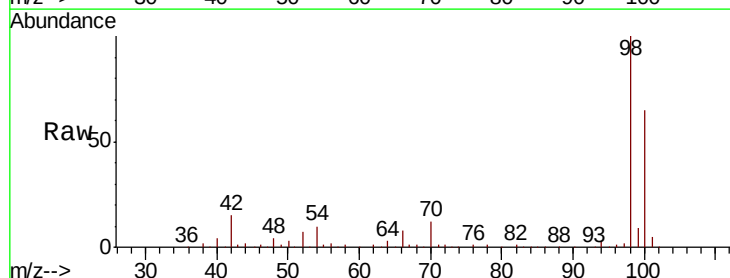
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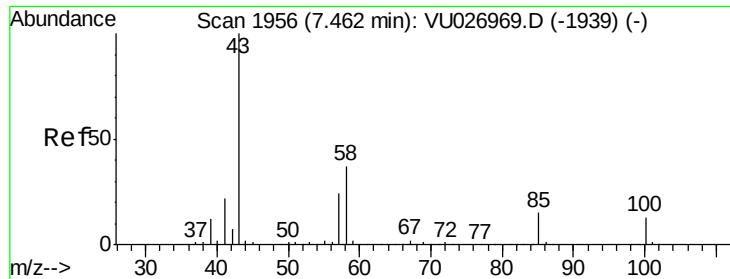
MMDadoda
9/24/2018 2:14:22 PM



#50
Toluene-d8
Concen: 46.310 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	228149		
100	65.1	52.1	78.1	





#51

4-Methyl-2-Pentanone

Concen: 97.746 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Instrument :

MSVOA_U

ClientSampleId :

VU0922WBS03

Tot Ion: 43 Resp: 258324

Ion Ratio Lower Upper

43 100

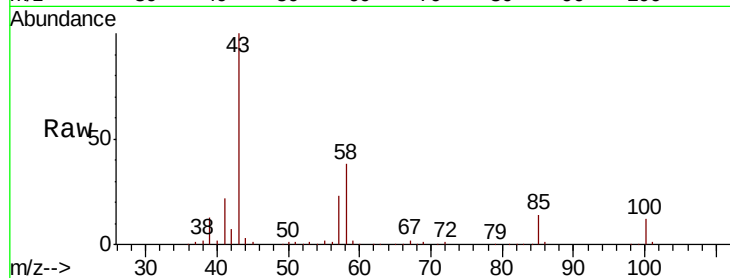
58 36.7 29.8 44.6

Manual Integrations

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MMDadoda

9/24/2018 2:14:22 PM



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

150000

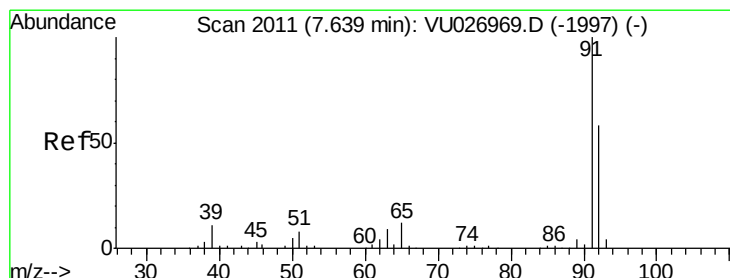
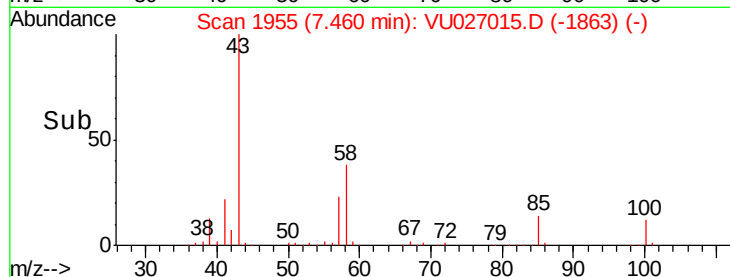
100000

50000

0

7.40 7.50 7.60

Time-->



#52

Toluene

Concen: 18.677 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027015.D

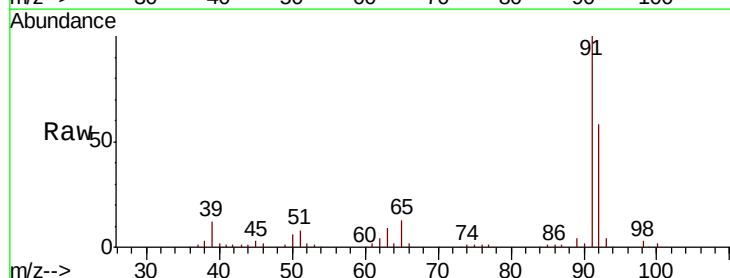
Acq: 22 Sep 2018 15:01

Tgt Ion: 92 Resp: 64777

Ion Ratio Lower Upper

92 100

91 174.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

60000

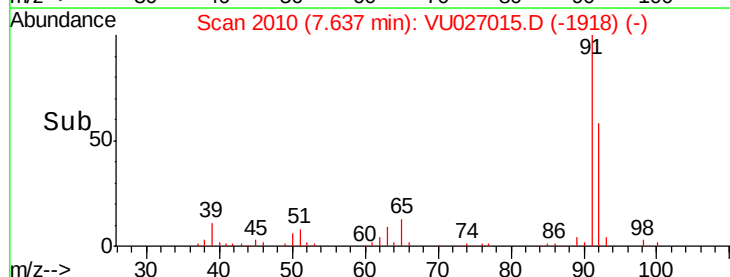
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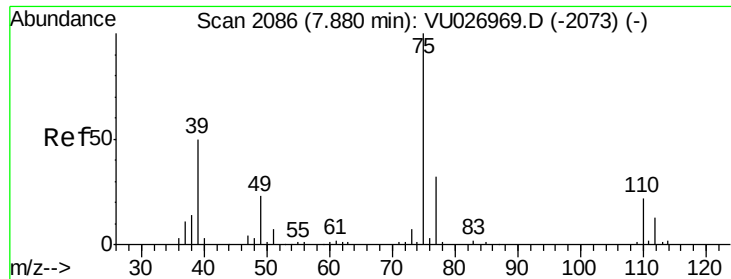
20000

0

7.60 7.65 7.70

Time-->





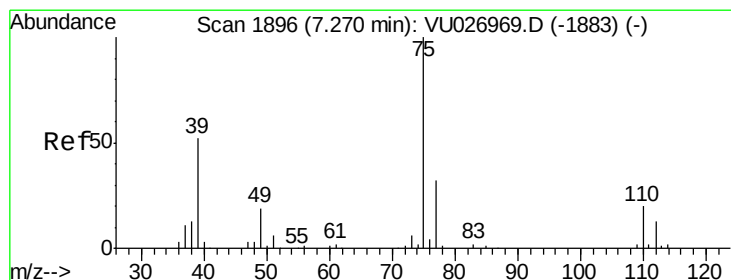
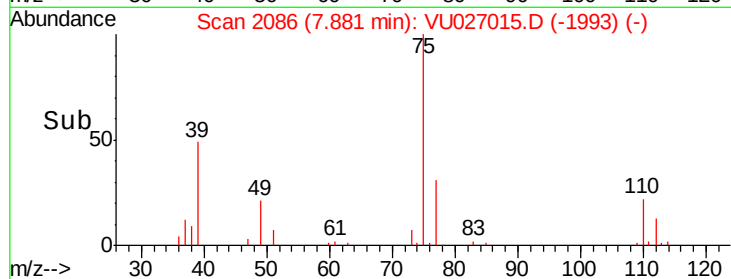
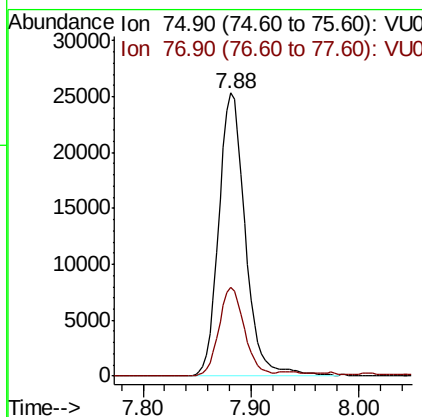
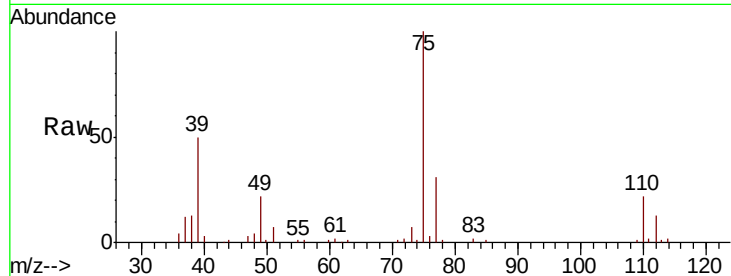
#53
t-1,3-Dichloropropene
Concen: 19.187 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS03

Tot Ion	75	Resp	43404
Ion Ratio	Lower	Upper	
75	100		
77	31.4	25.3	37.9

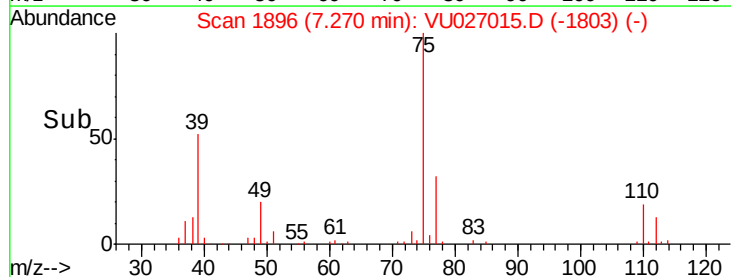
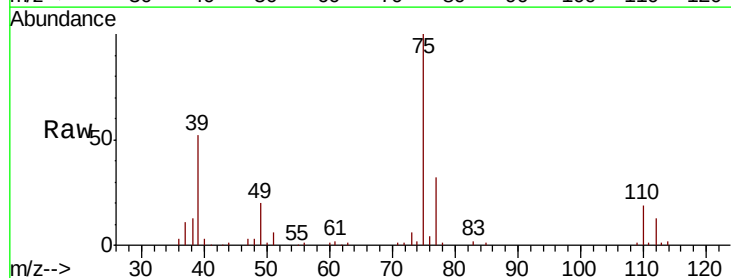
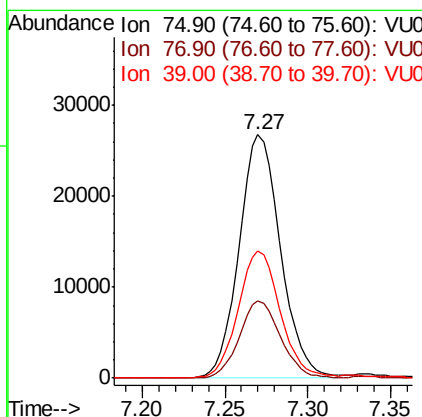
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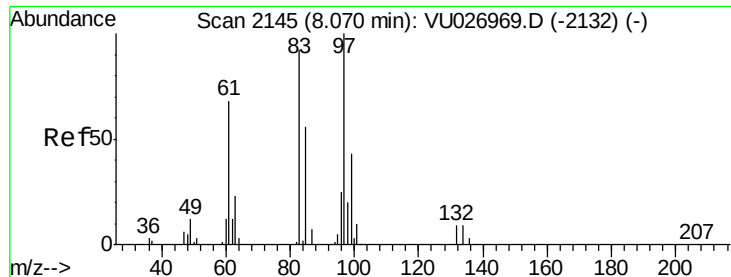
MMDadoda
9/24/2018 2:14:22 PM



#54
cis-1,3-Dichloropropene
Concen: 18.700 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Tgt Ion	75	Resp	46511
Ion Ratio	Lower	Upper	
75	100		
77	32.0	25.4	38.0
39	52.0	41.6	62.4





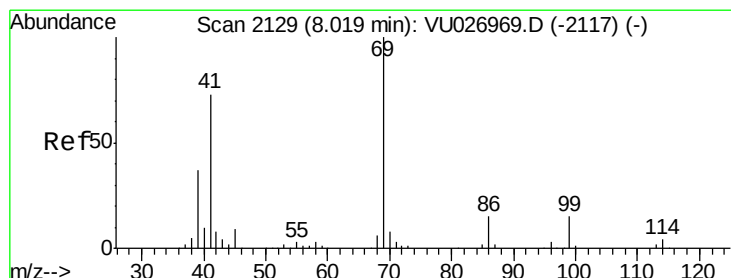
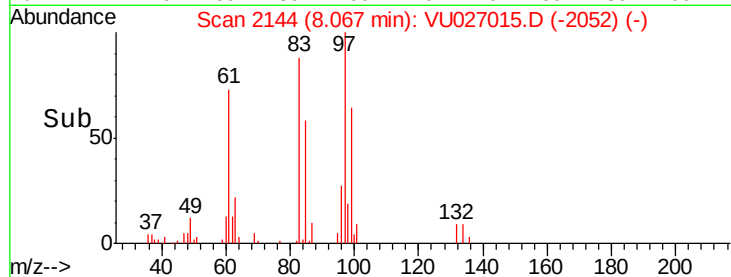
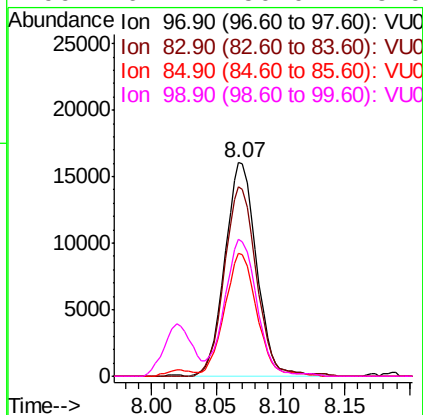
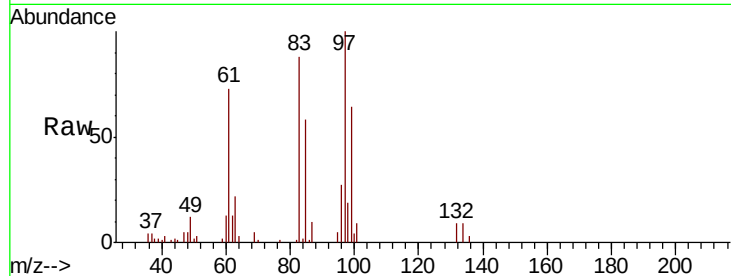
#55
 1,1,2-Trichloroethane
 Concen: 18.688 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS03

Tot Ion:	97	Resp:	27464
Ion	Ratio	Lower	Upper
97	100		
83	88.5	73.1	109.7
85	57.6	46.7	70.1
99	64.1	50.0	75.0

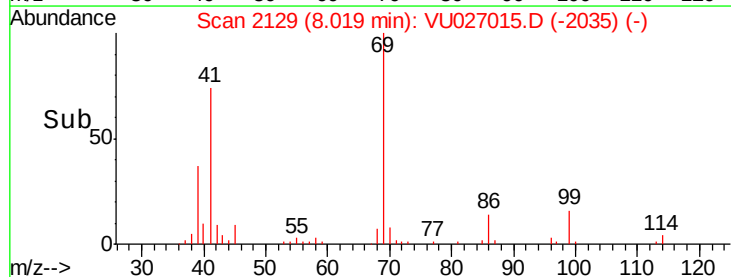
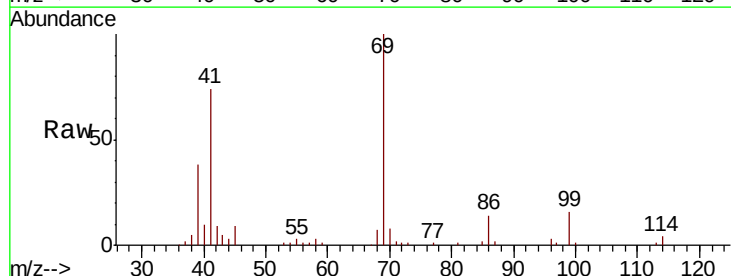
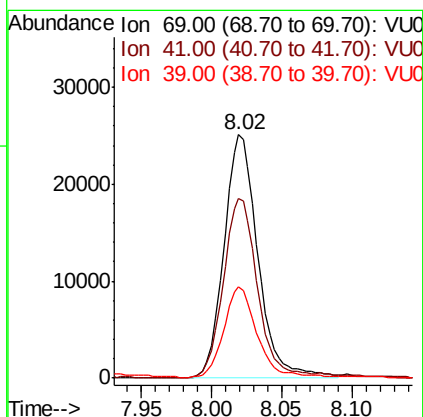
Manual Integrations
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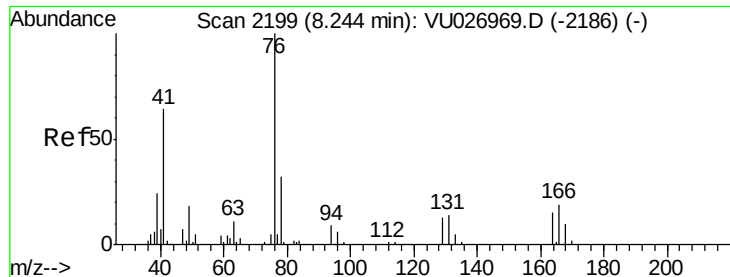
MMDadoda
 9/24/2018 2:14:22 PM



#56
 Ethyl methacrylate
 Concen: 18.059 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Tgt Ion:	69	Resp:	42312
Ion	Ratio	Lower	Upper
69	100		
41	75.0	59.0	88.4
39	37.5	30.2	45.4





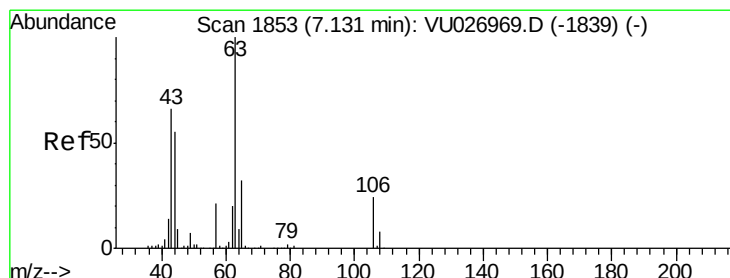
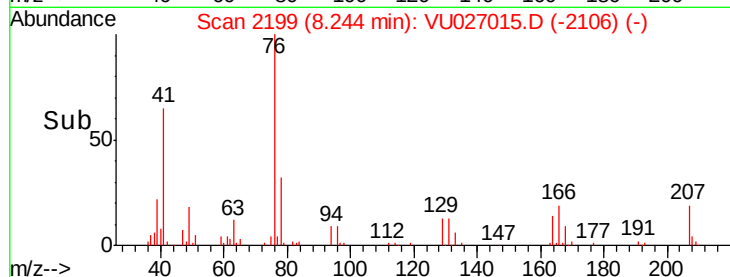
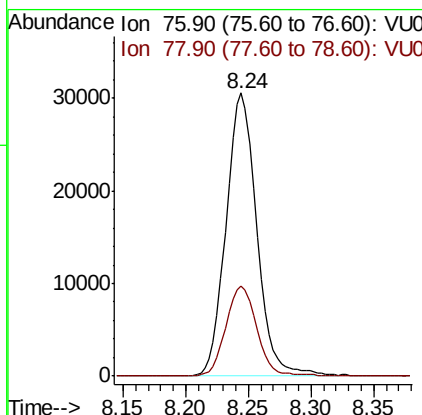
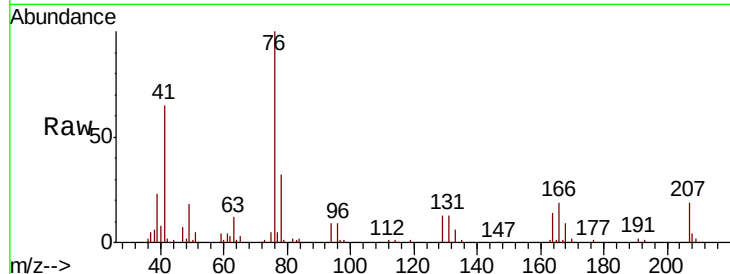
#57
 1,3-Dichloropropane
 Concen: 19.066 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS03

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.5	38.3

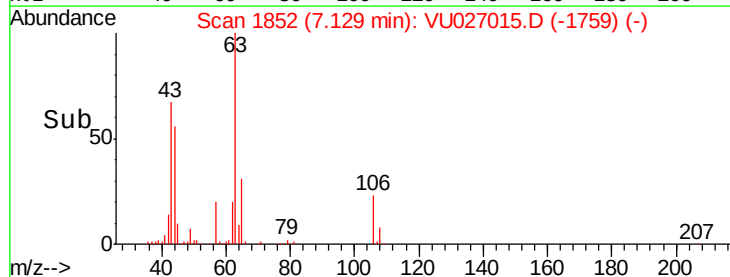
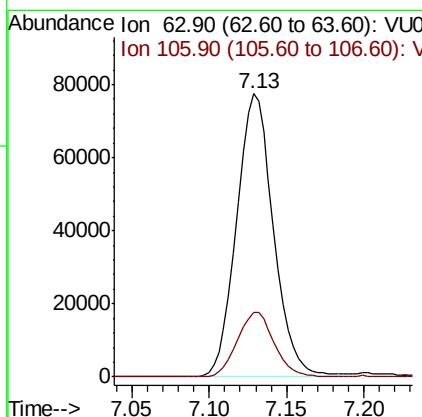
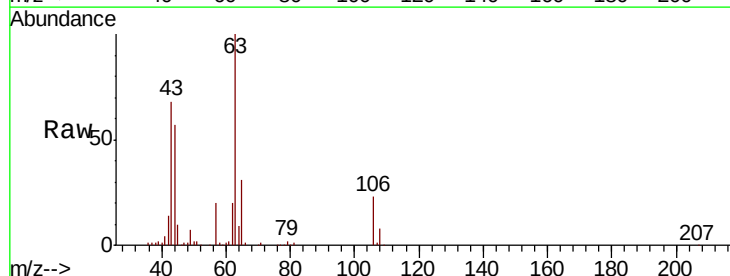
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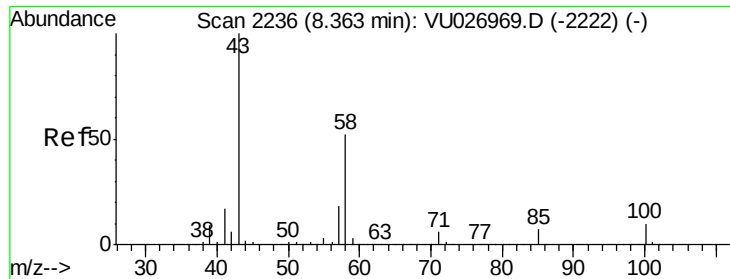
MMDadoda
 9/24/2018 2:14:22 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.761 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	23.0	18.7	28.1





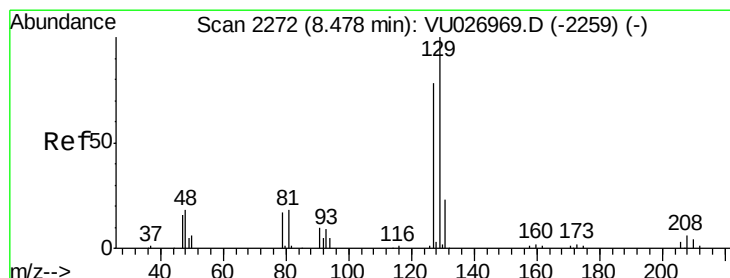
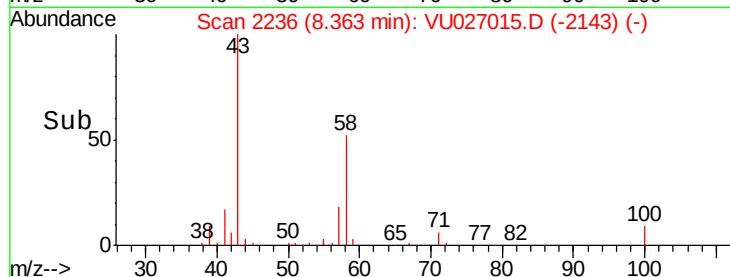
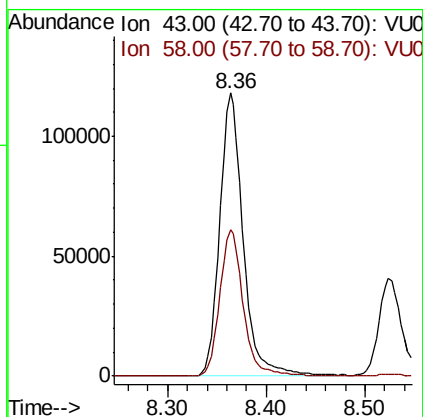
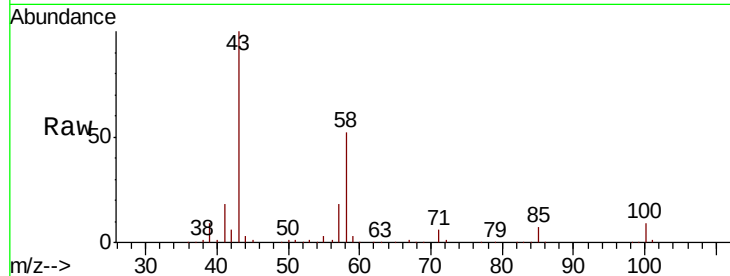
#59
2-Hexanone
Concen: 95.447 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.8	26.1	78.2

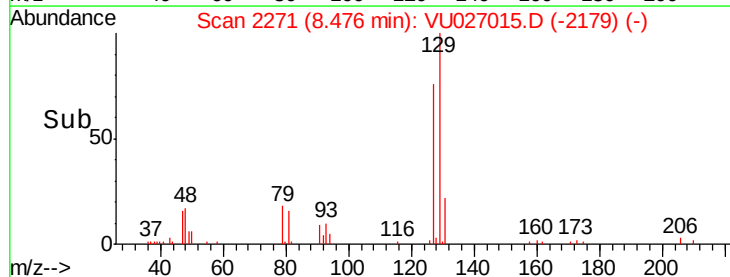
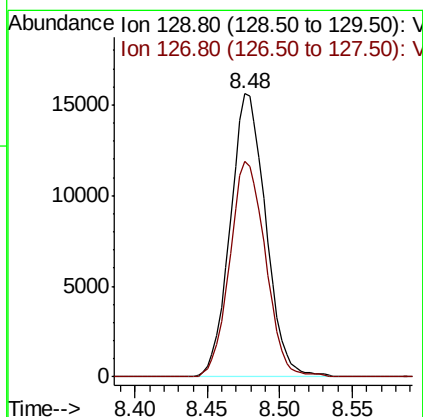
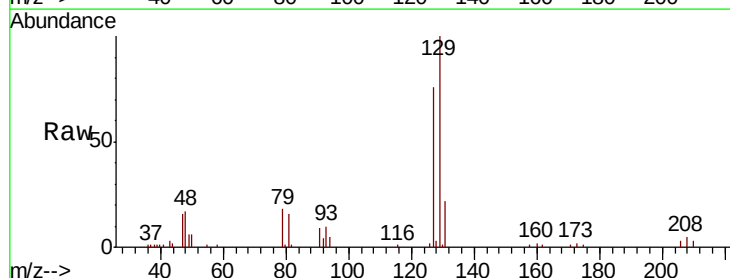
Manual Integrations
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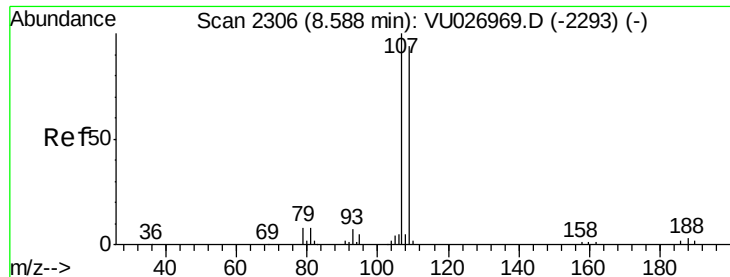
MMDadoda
9/24/2018 2:14:22 PM



#60
Dibromochloromethane
Concen: 18.405 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.1	114.5





#61

1,2-Dibromoethane

Concen: 17.978 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Instrument :

MSVOA_U

ClientSampleId :

VU0922WBS03

Tot Ion:107 Resp: 27489

Ion Ratio Lower Upper

107 100

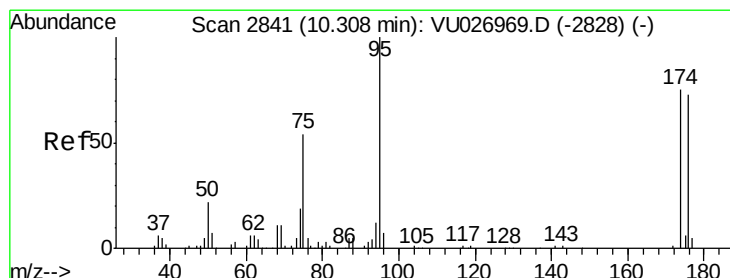
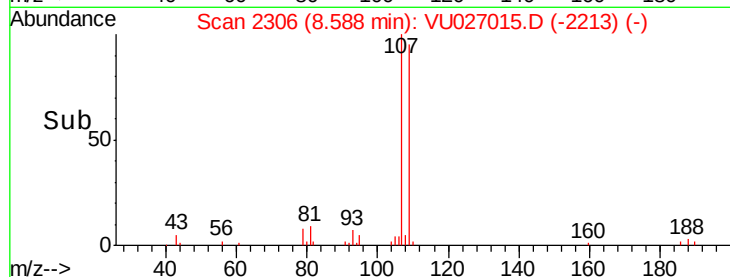
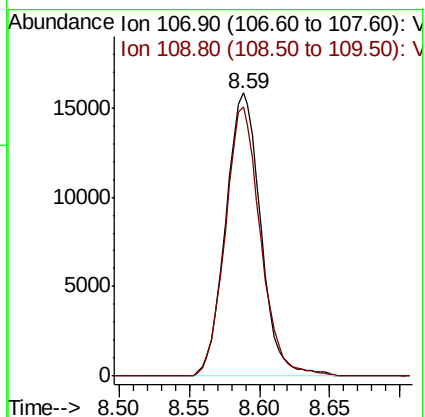
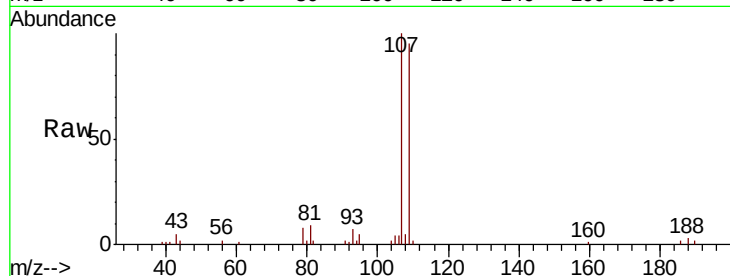
109 95.4 75.0 112.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 48.166 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

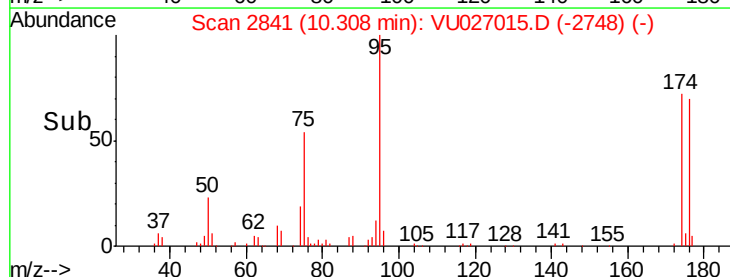
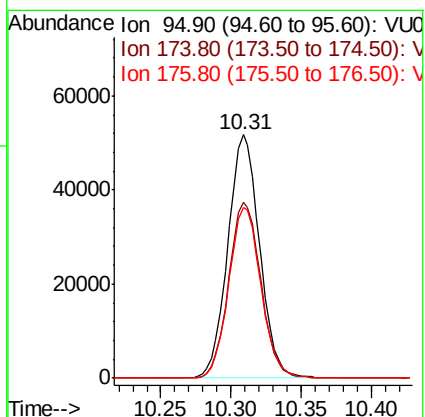
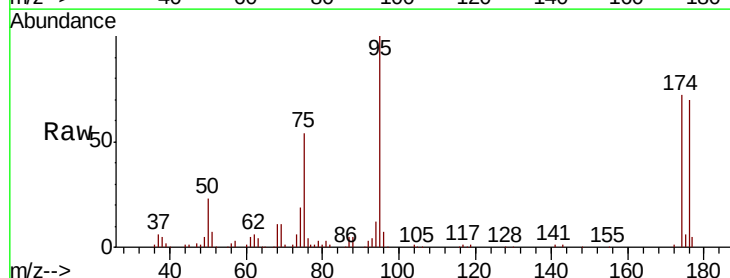
Tgt Ion: 95 Resp: 81422

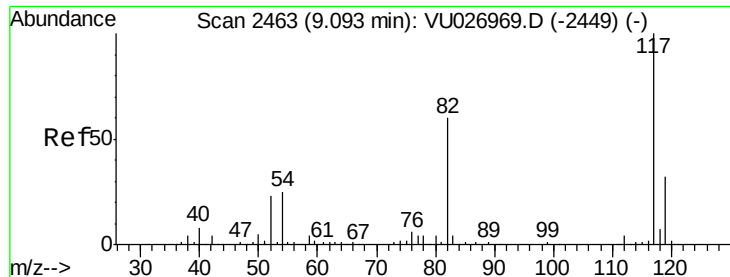
Ion Ratio Lower Upper

95 100

174 73.5 0.0 150.2

176 71.4 0.0 145.2





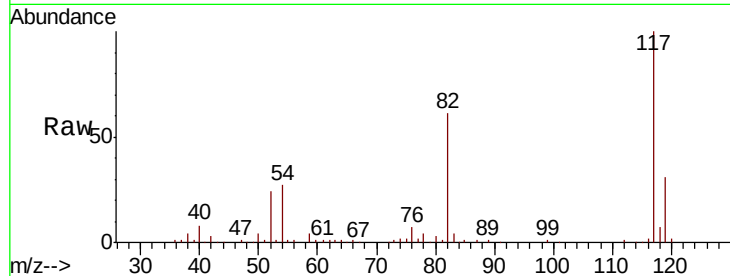
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS03

Tot Ion	Ratio	Resp	Lower	Upper
117	100	145852		
82	61.1	48.0	72.0	
119	31.4	25.8	38.8	

Manual Integrations
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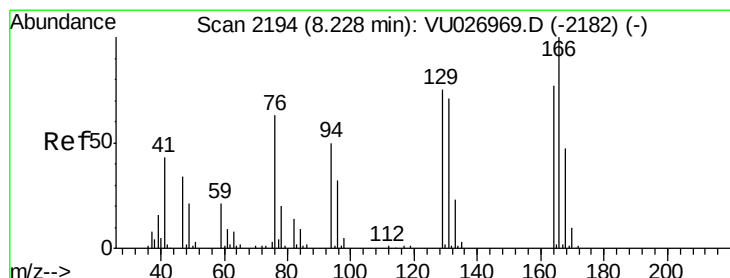
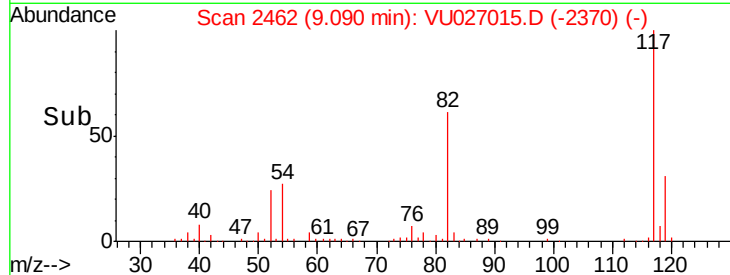
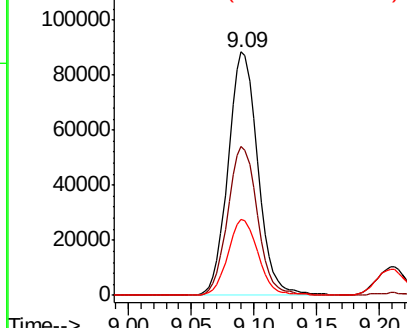


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 17.845 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	20056		
166	118.0	104.4	156.6	
129	91.9	78.7	118.1	
131	90.9	73.9	110.9	

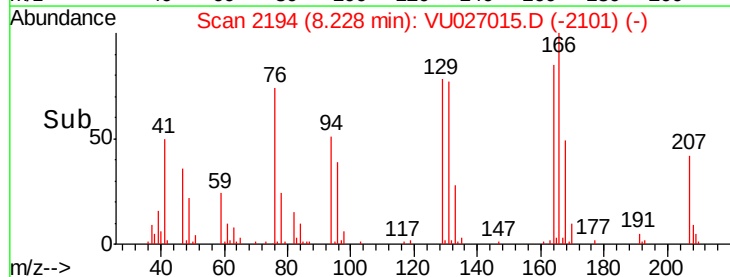
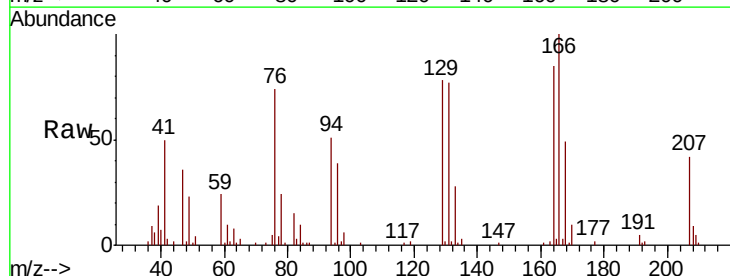
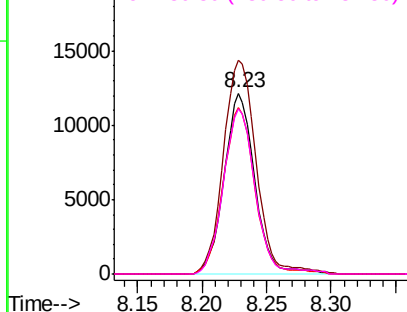
Abundance

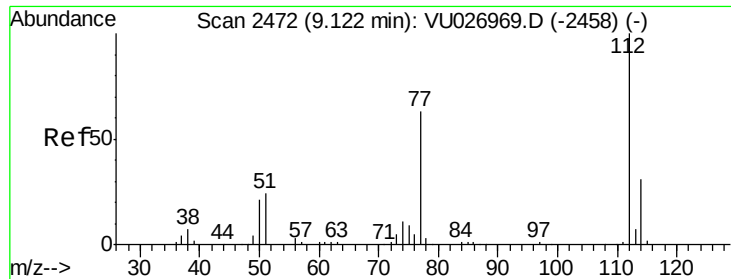
Ion 163.80 (163.50 to 164.50): V

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





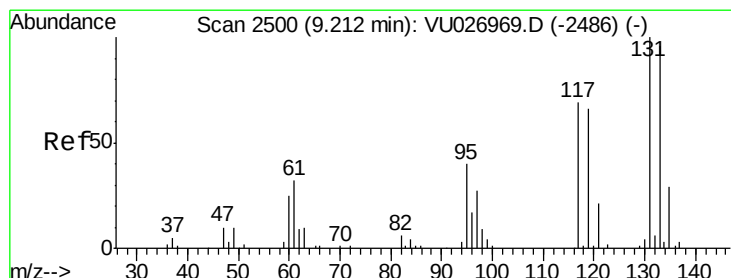
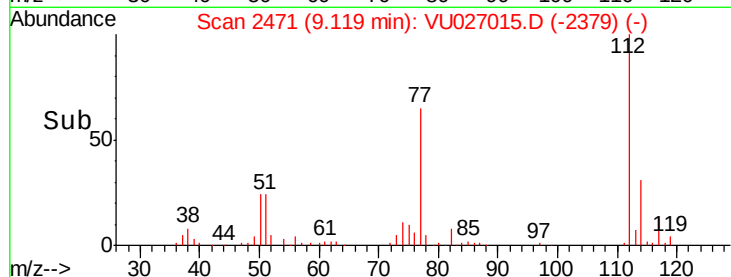
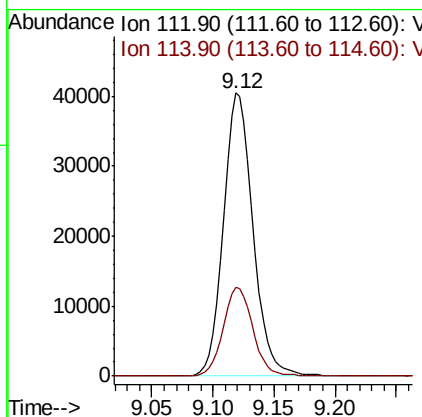
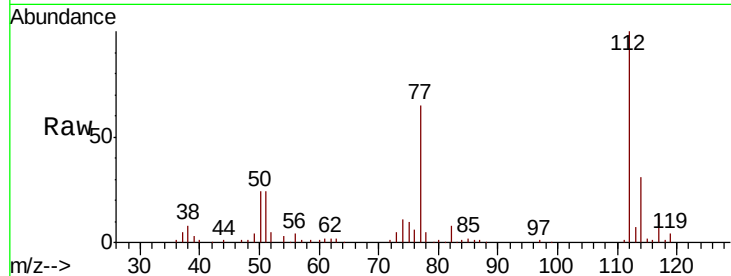
#65
Chlorobenzene
Concen: 17.801 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS03

Tot Ion:112 Resp: 68842
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.6

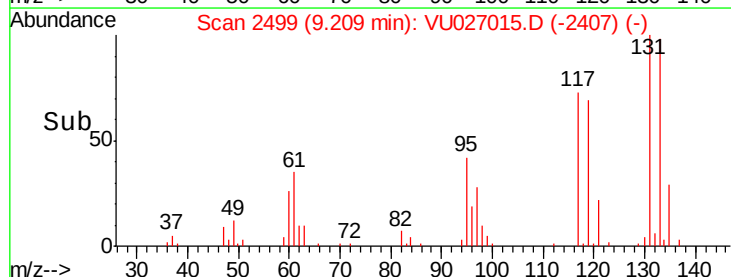
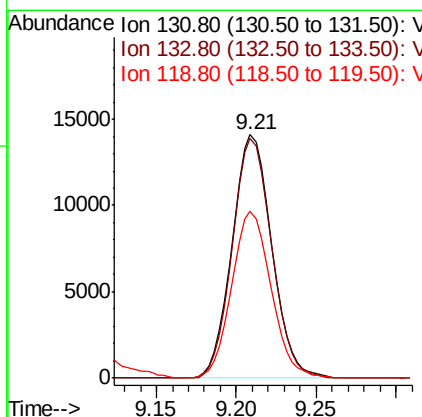
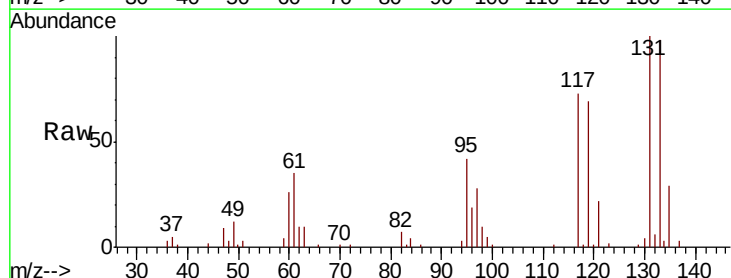
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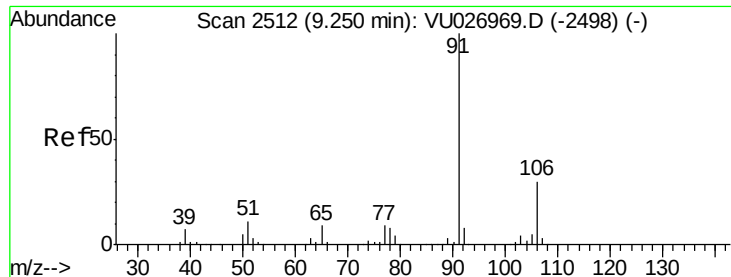
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.913 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Tgt Ion:131 Resp: 23861
Ion Ratio Lower Upper
131 100
133 97.4 48.0 144.2
119 67.9 33.4 100.1





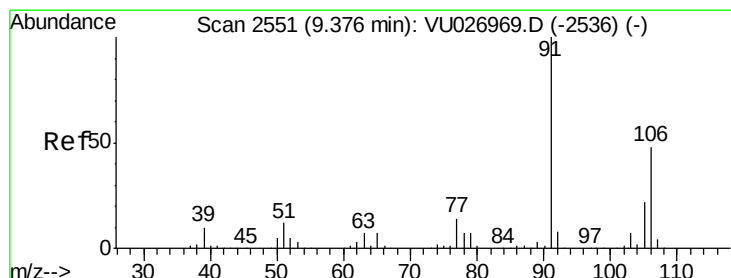
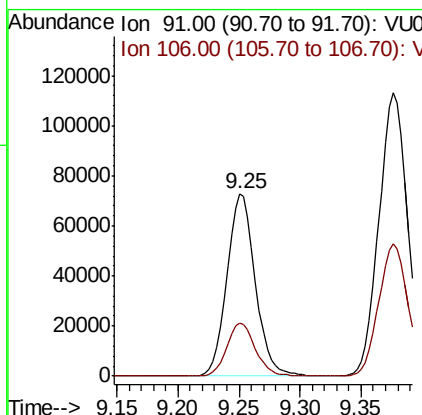
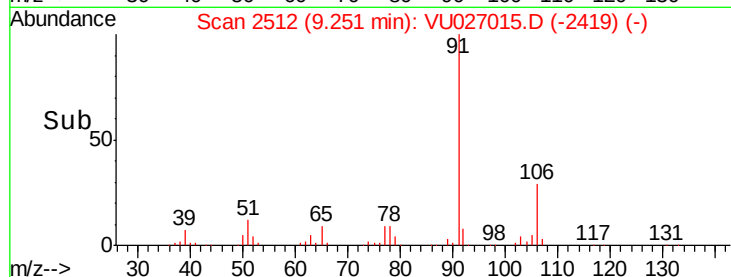
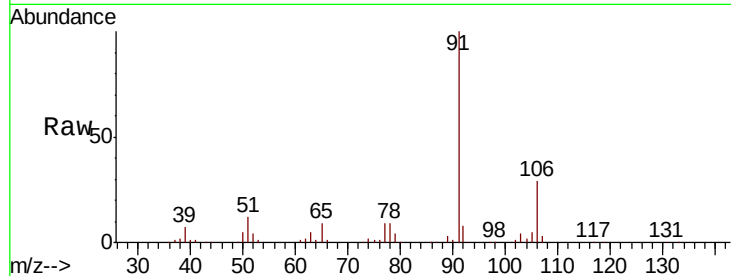
#67
Ethyl Benzene
Concen: 18.643 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS03

Tot Ion	91	Resp	118554
Ion Ratio	100	Lower	Upper
106	29.2	23.8	35.8

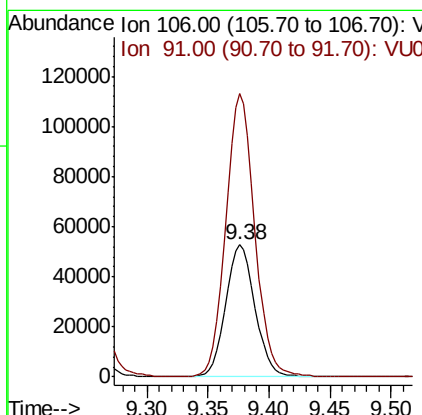
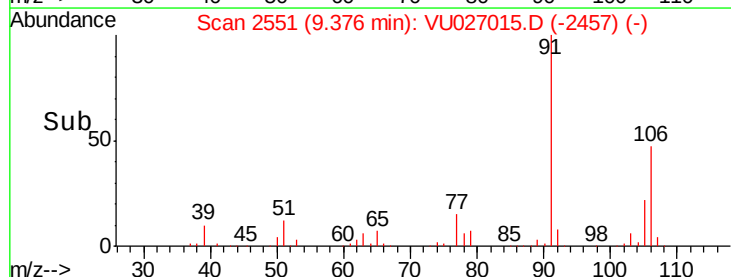
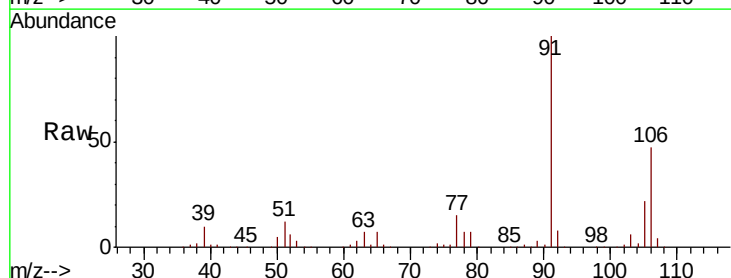
Manual Integrations
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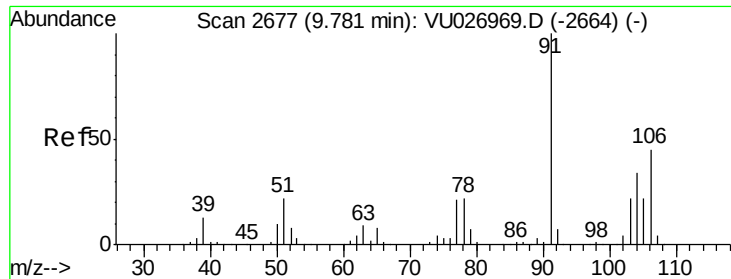
MMDadoda
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#68
m/p-Xylenes
Concen: 35.587 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Tgt Ion	106	Resp	89125
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
91	210.1	166.5	249.7





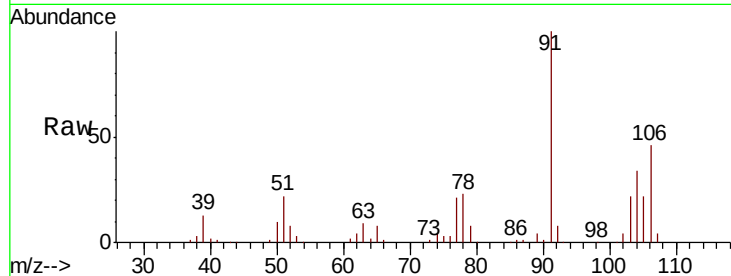
#69
o-Xylene
Concen: 19.103 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS03

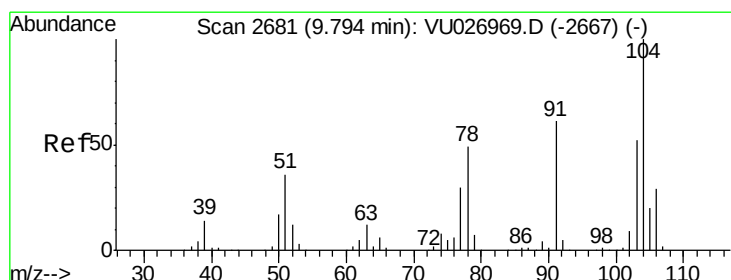
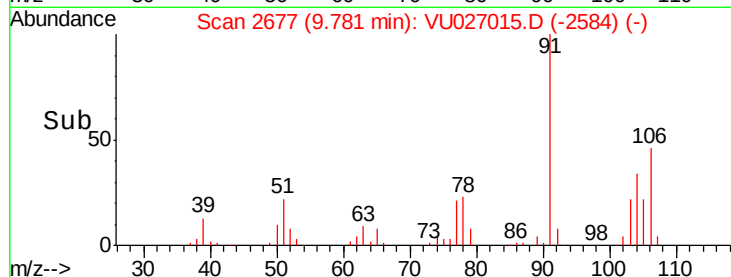
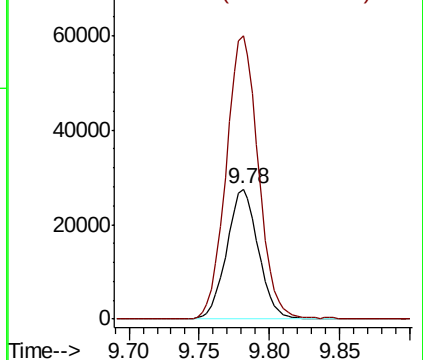
Tot Ion:106 Resp: 43042
Ion Ratio Lower Upper
106 100
91 221.8 110.2 330.6

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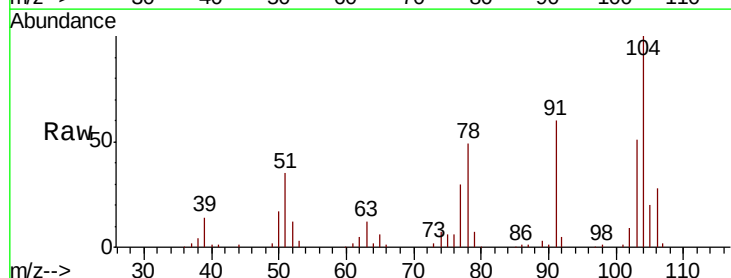


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

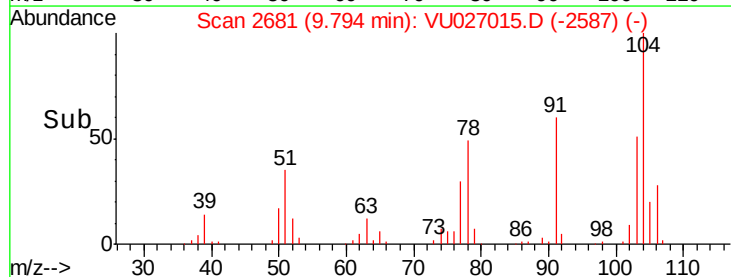
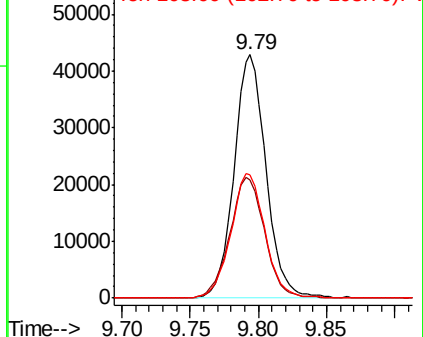


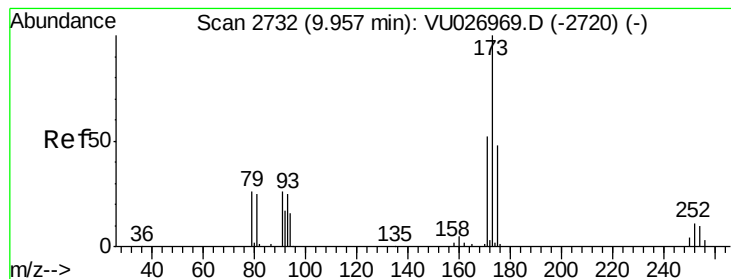
#70
Styrene
Concen: 17.786 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Tgt Ion:104 Resp: 69737
Ion Ratio Lower Upper
104 100
78 54.1 43.0 64.4
103 54.6 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: 18.006 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Instrument :

MSVOA_U

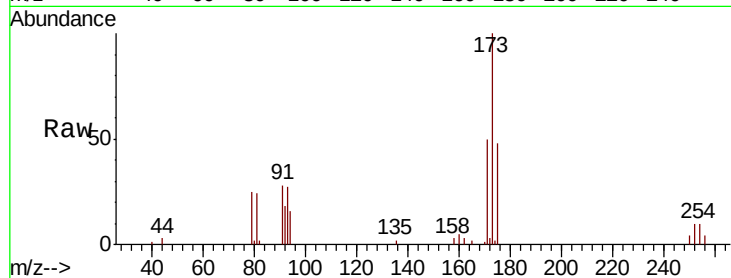
ClientSampleId :

VU0922WBS03

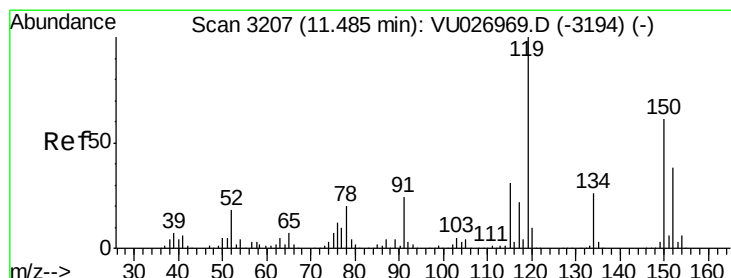
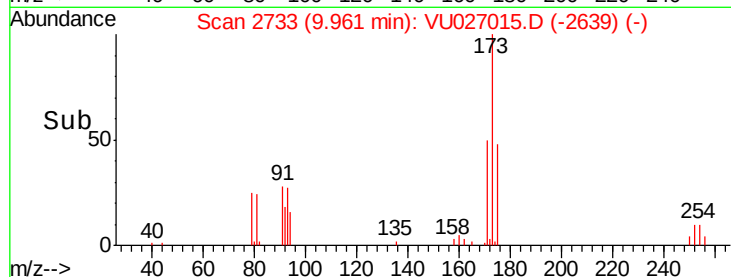
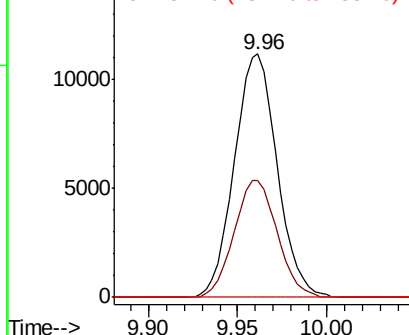
Tot Ion:	173	Resp:	18547
Ion Ratio	Lower	Upper	
173	100		
175	48.3	23.9	71.8
254	0.0	0.0	0.0

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
15000 Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

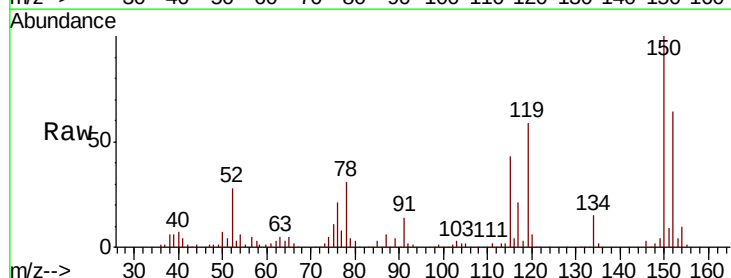
RT: 11.49 min Scan# 3207

Delta R.T. 0.00 min

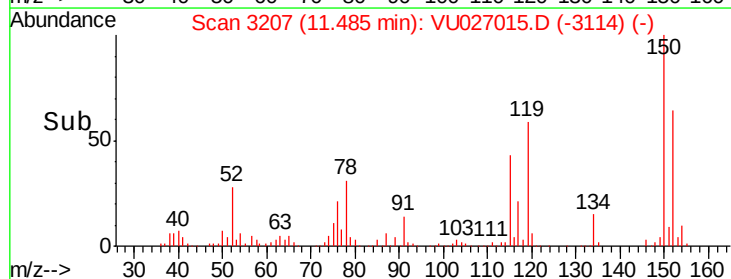
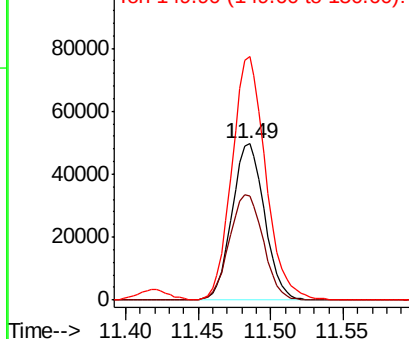
Lab File: VU027015.D

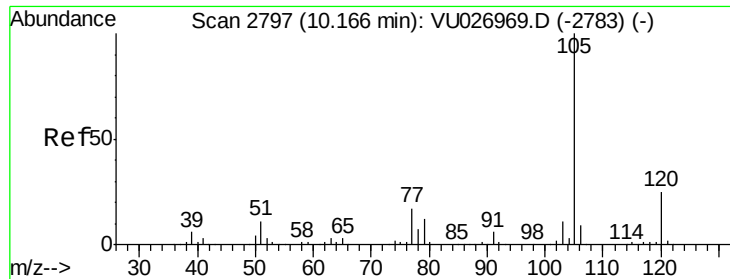
Acq: 22 Sep 2018 15:01

Tgt Ion:	152	Resp:	77516
Ion Ratio	Lower	Upper	
152	100		
115	70.1	44.9	134.5
150	161.5	0.0	355.8



Abundance Ion 151.90 (151.60 to 152.60): V
100000 Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.456 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Instrument :

MSVOA_U

ClientSampleId :

VU0922WBS03

Tot Ion: 105 Resp: 114724

Ion Ratio Lower Upper

105 100

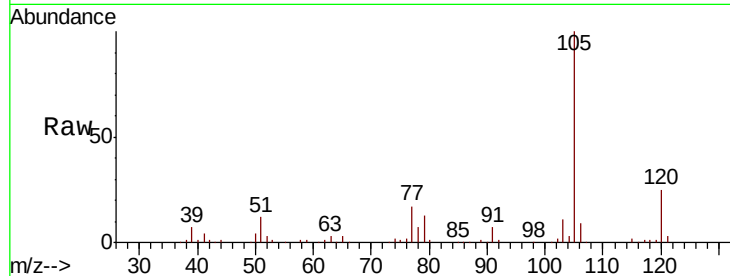
120 25.3 12.8 38.4

Manual Integrations

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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

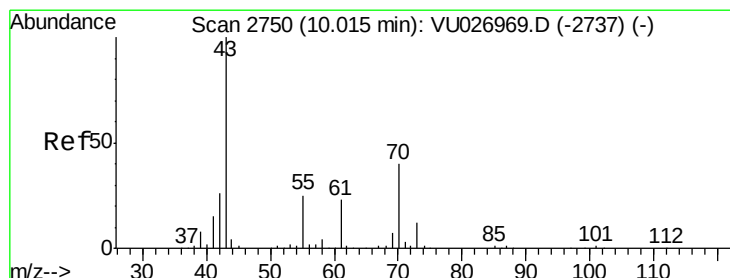
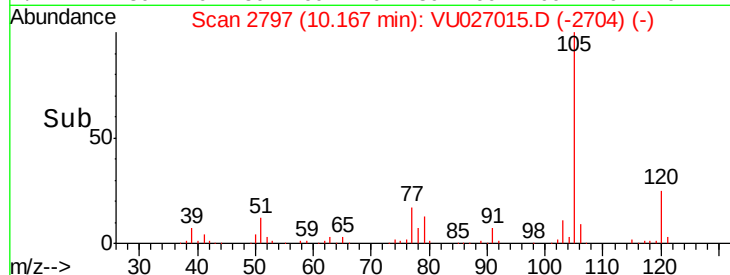
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 18.806 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Tgt Ion: 43 Resp: 64187

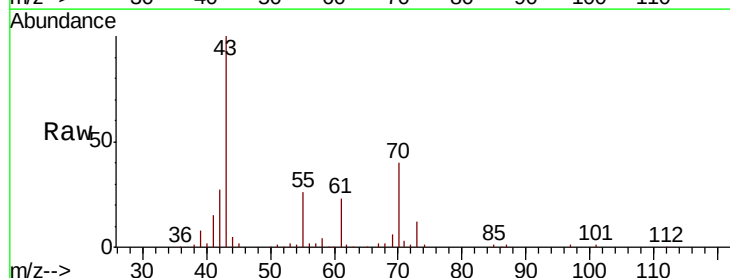
Ion Ratio Lower Upper

43 100

70 38.7 31.8 47.8

55 25.1 19.9 29.9

61 22.4 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

10.02

60000

50000

40000

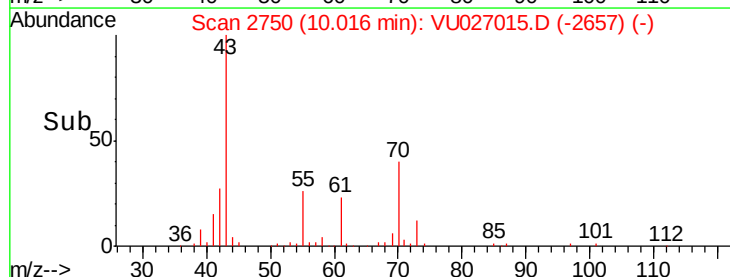
30000

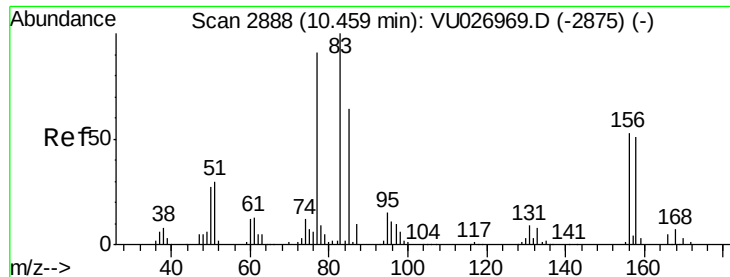
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.542 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Instrument :

MSVOA_U

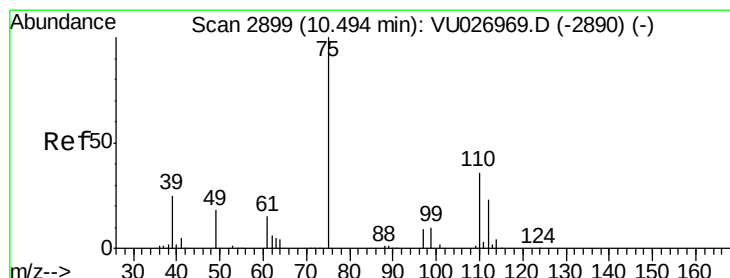
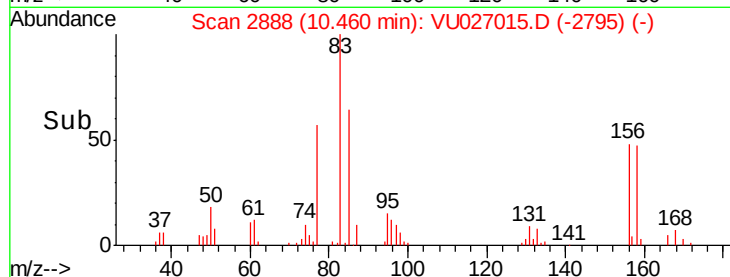
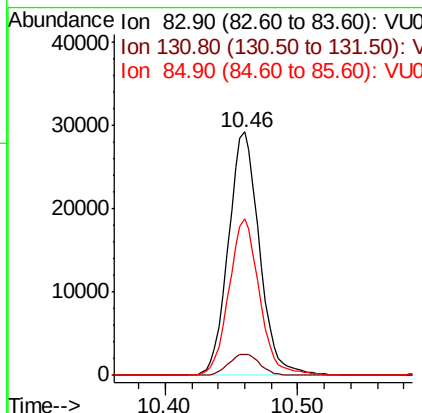
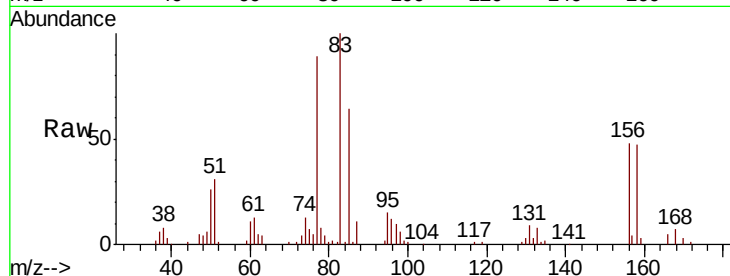
ClientSampleId :

VU0922WBS03

Tot Ion:	83	Resp:	47559
Ion Ratio	Lower	Upper	
83	100		
131	8.5	4.3	12.8
85	62.9	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.021 ug/l m

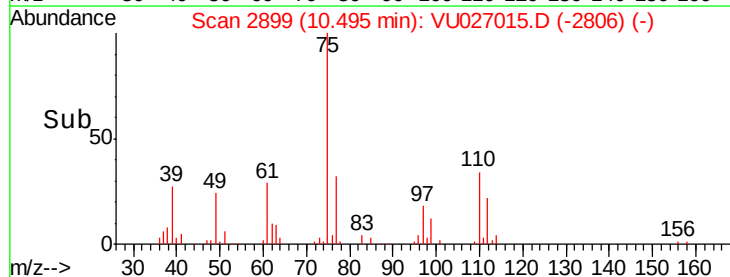
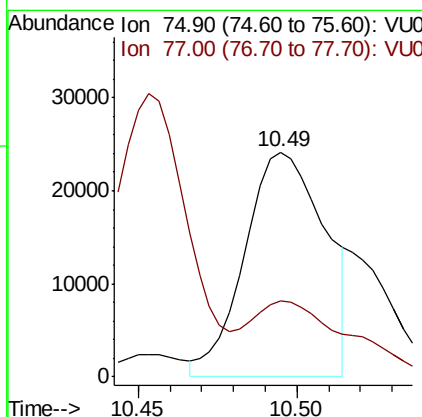
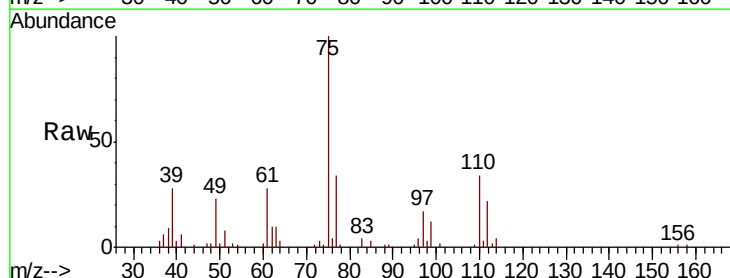
RT: 10.49 min Scan# 2899

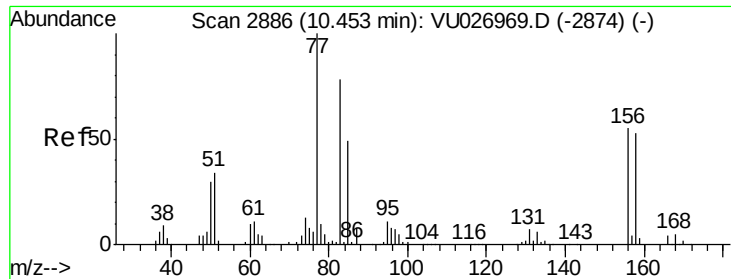
Delta R.T. 0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Tgt Ion:	75	Resp:	42437
Ion Ratio	Lower	Upper	
75	100		
77	40.6	20.9	62.8





#77

Bromobenzene

Concen: 18.019 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Instrument :

MSVOA_U

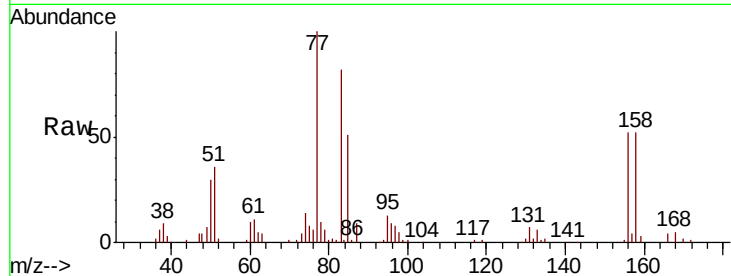
ClientSampleId :

VU0922WBS03

Tot Ion:	156	Resp:	25964
Ion Ratio	Lower	Upper	
156	100		
77	193.2	92.3	276.9
158	98.7	48.1	144.3

Manual Integrations
APPROVED

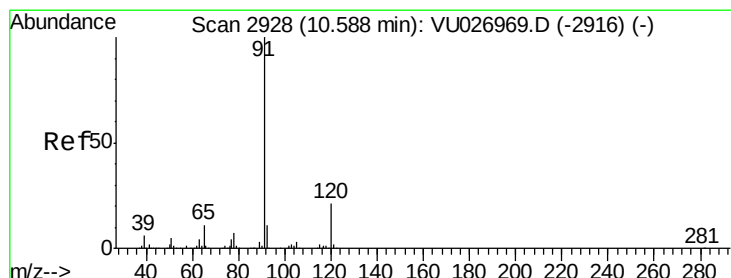
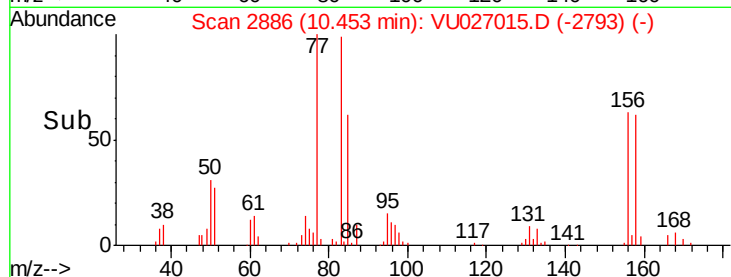
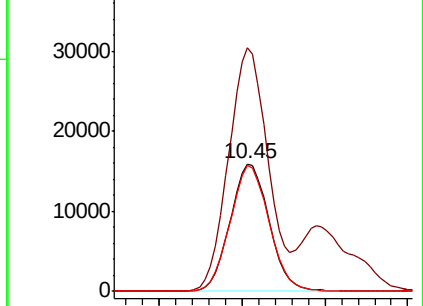
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.569 ug/l

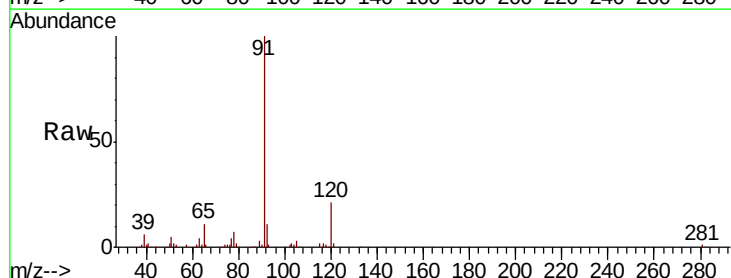
RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027015.D

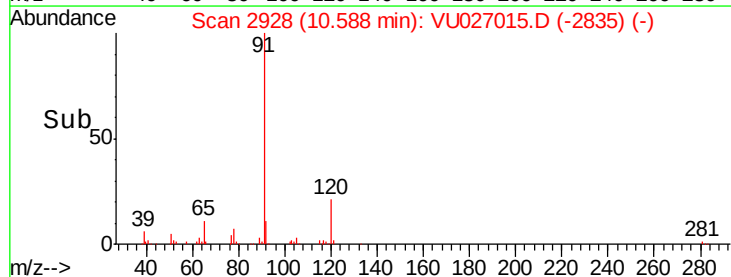
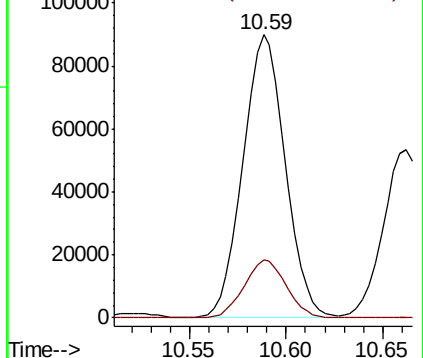
Acq: 22 Sep 2018 15:01

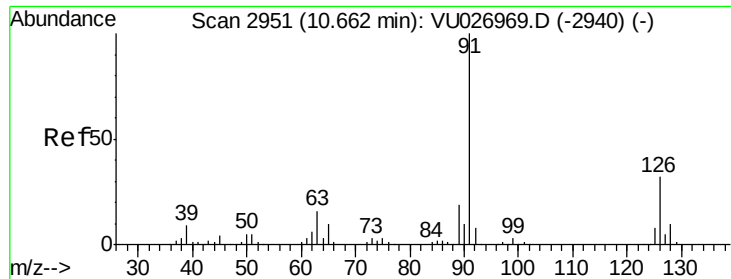
Tgt Ion:	91	Resp:	136531
Ion Ratio	Lower	Upper	
91	100		
120	20.5	10.6	31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.170 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Instrument :

MSVOA_U

ClientSampleId :

VU0922WBS03

Tot Ion: 91 Resp: 84010

Ion Ratio Lower Upper

91 100

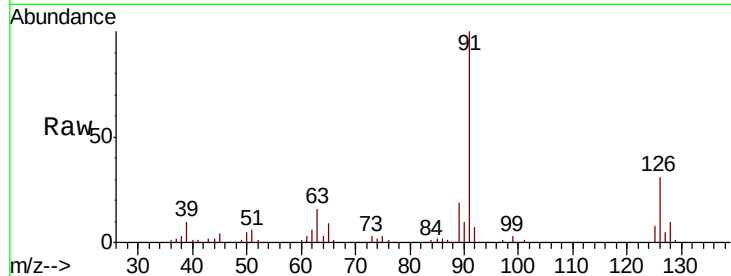
126 30.8 15.8 47.3

Manual Integrations

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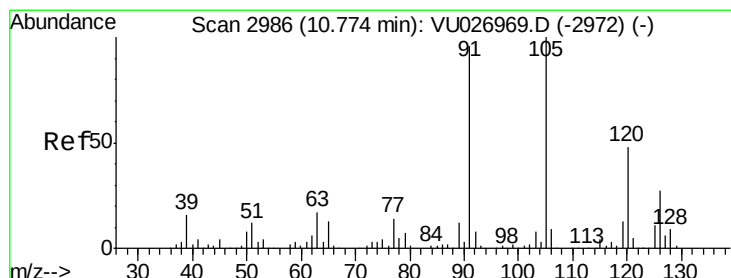
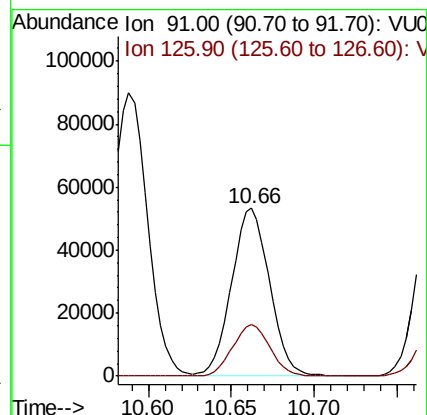
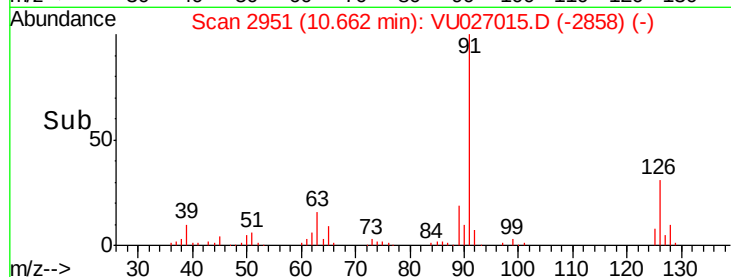
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Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-2940) (-)

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



#80

1,3,5-Trimethylbenzene

Concen: 19.805 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027015.D

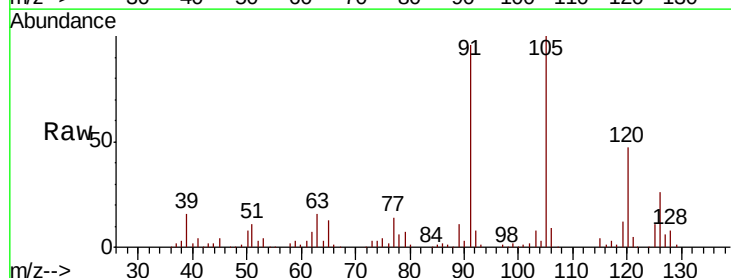
Acq: 22 Sep 2018 15:01

Tgt Ion: 105 Resp: 96400

Ion Ratio Lower Upper

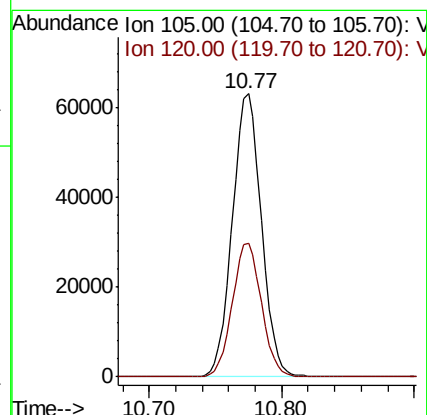
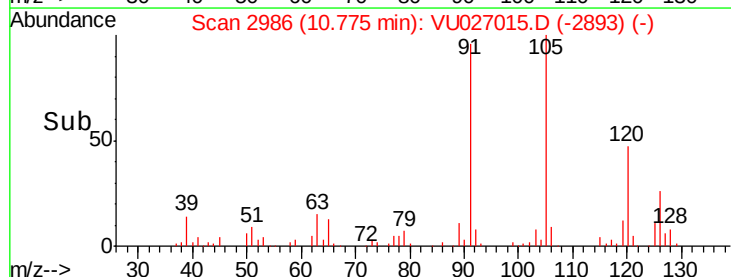
105 100

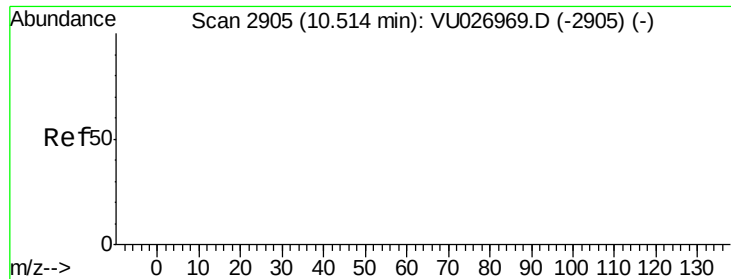
120 47.2 23.9 71.7



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

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





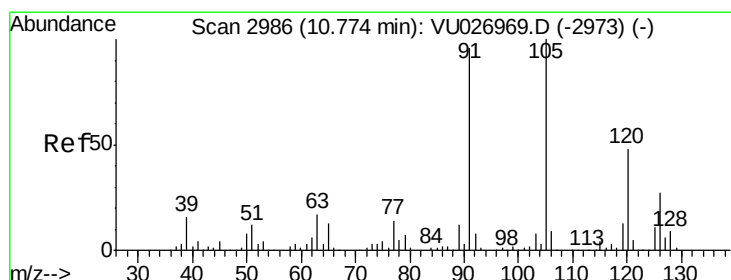
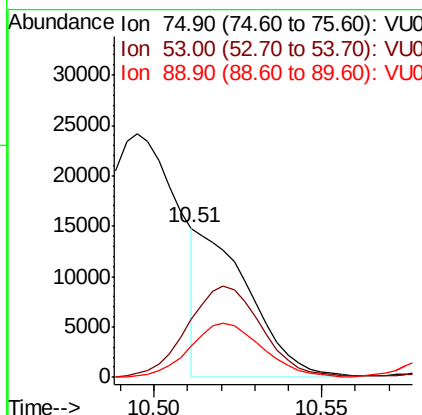
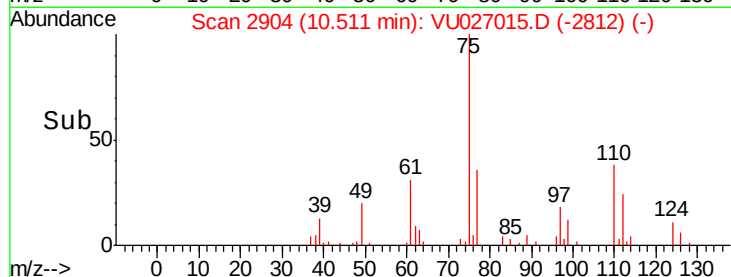
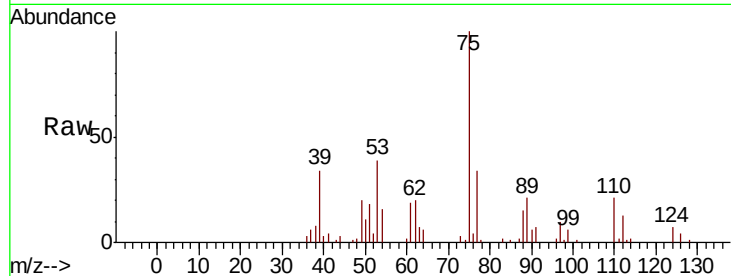
#81
trans-1,4-Dichloro-2-butene
Concen: 21.652 ug/l m
RT: 10.51 min Scan# 2904
Delta R.T. -0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS03

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

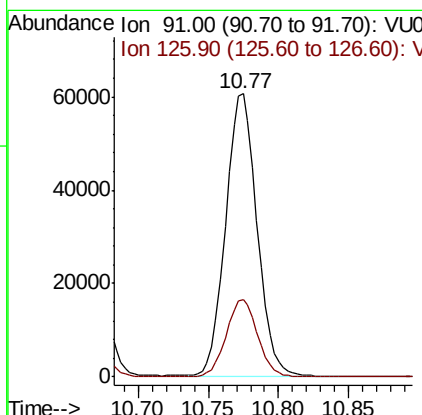
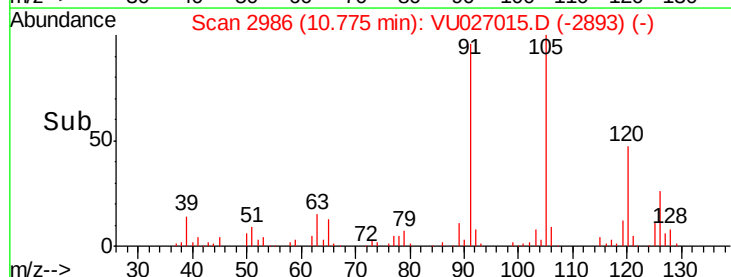
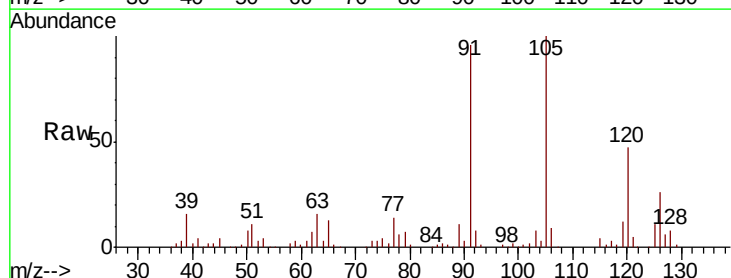
Manual Integrations
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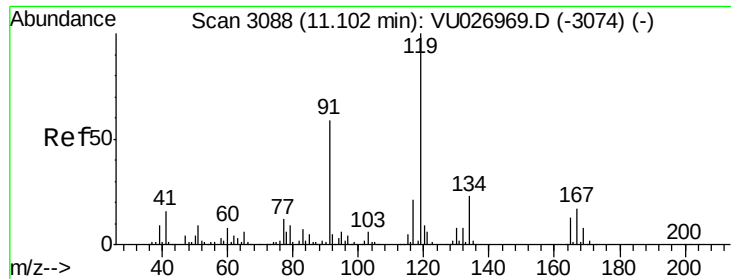
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#82
4-Chlorotoluene
Concen: 19.160 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.4	14.1	42.2





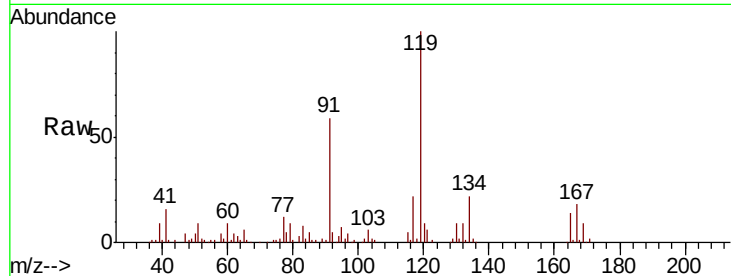
#83
 tert-Butylbenzene
 Concen: 18.916 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS03

Tot Ion	Ratio	Resp	Lower	Upper
119	100			
91	60.4	29.8	89.4	
134	22.6	11.5	34.4	

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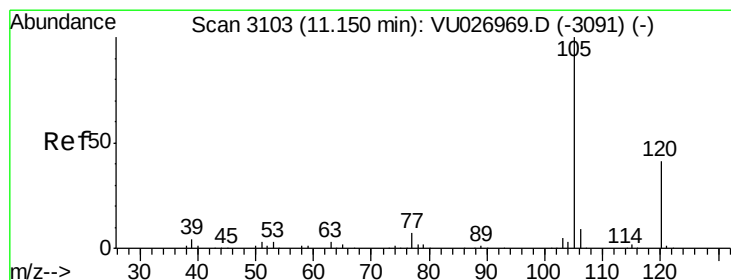
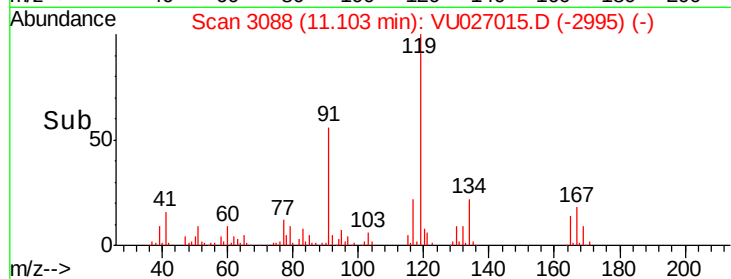
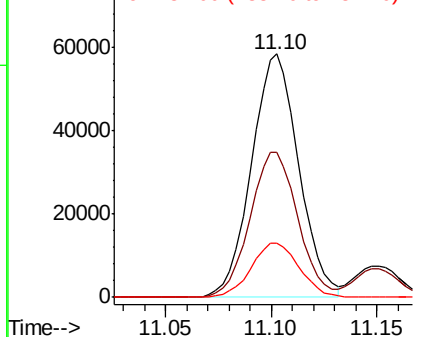


Abundance

Ion 119.00 (118.70 to 119.70): V

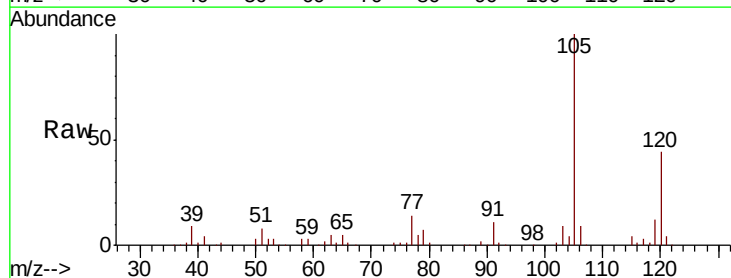
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84
 1,2,4-Trimethylbenzene
 Concen: 19.863 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

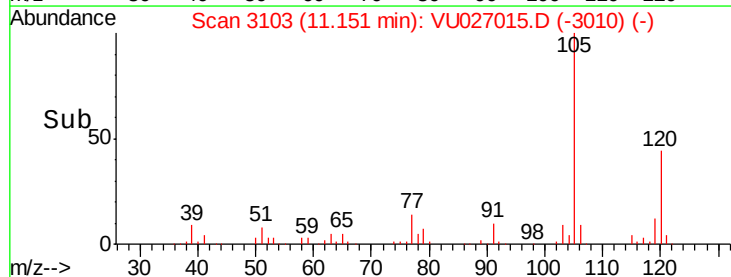
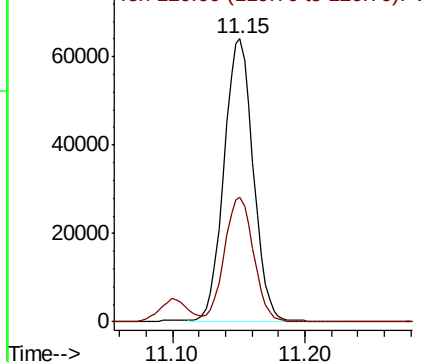
Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
120	43.9	22.4	67.2	

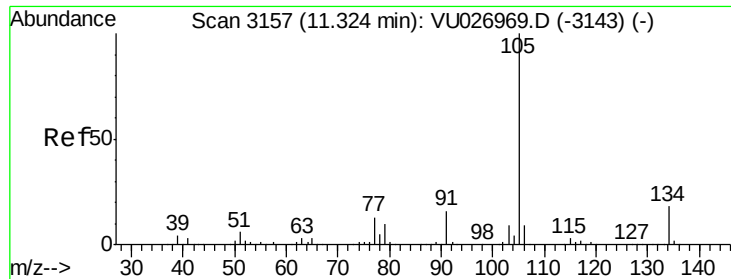


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.436 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

Instrument :

MSVOA_U

ClientSampleId :

VU0922WBS03

Tot Ion:105 Resp: 114173

Ion Ratio Lower Upper

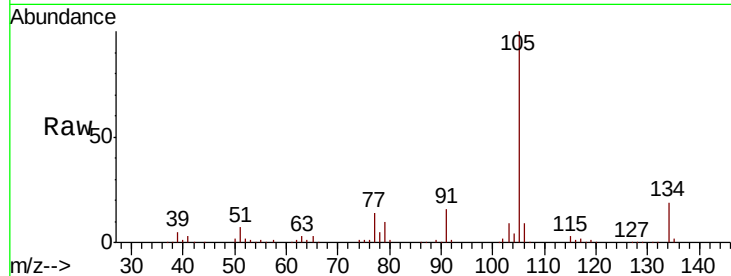
105 100

134 18.9 9.4 28.2

Manual Integrations
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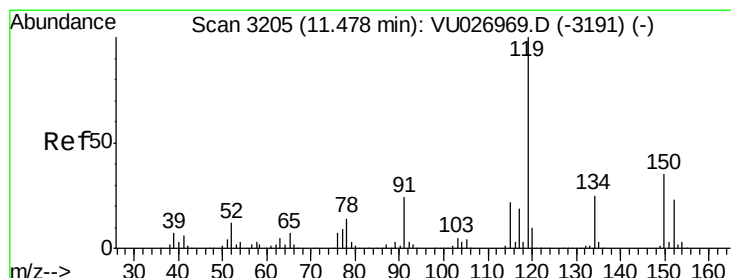
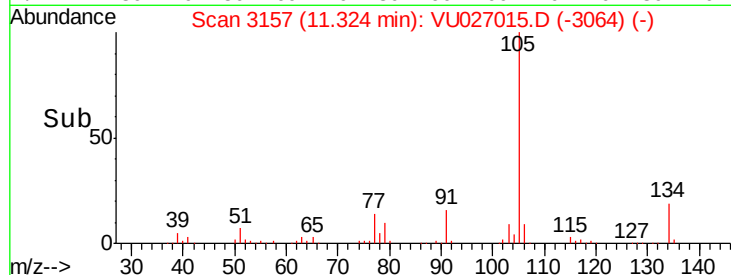
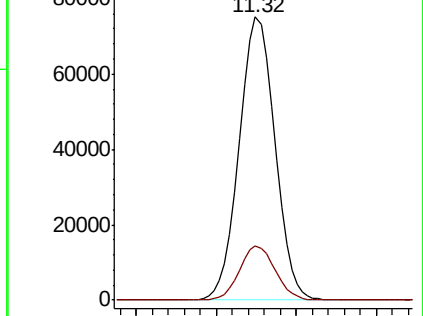
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.065 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VU027015.D

Acq: 22 Sep 2018 15:01

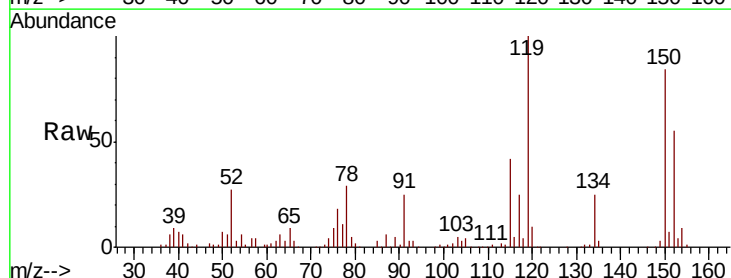
Tgt Ion:119 Resp: 96247

Ion Ratio Lower Upper

119 100

134 25.1 12.8 38.3

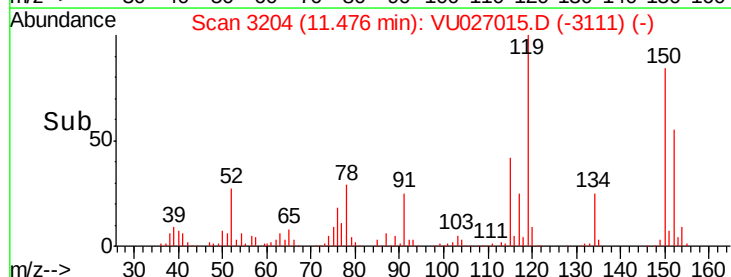
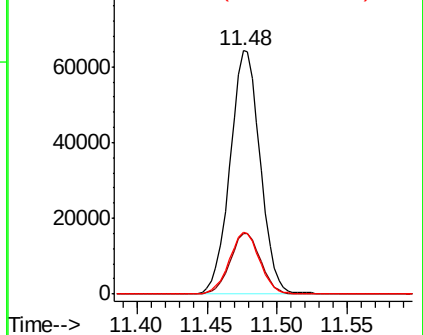
91 25.3 12.3 36.8

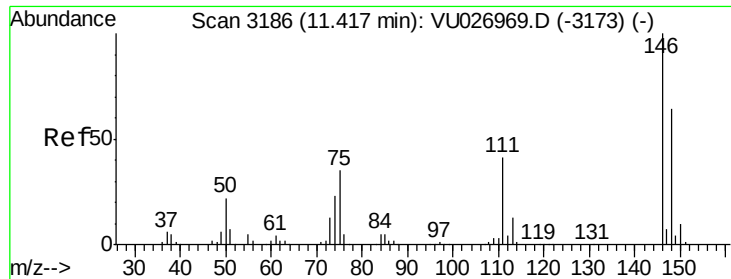


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





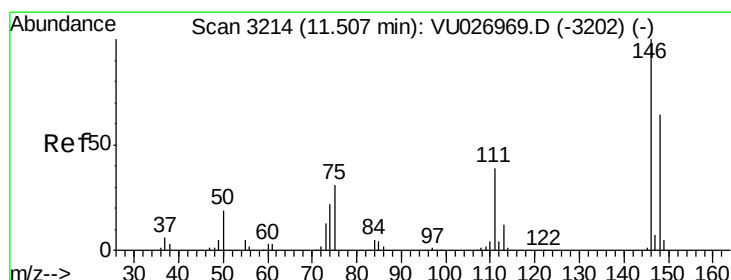
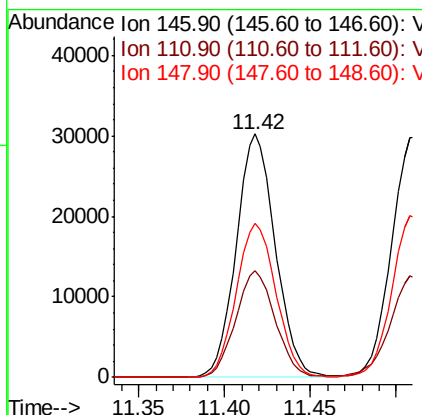
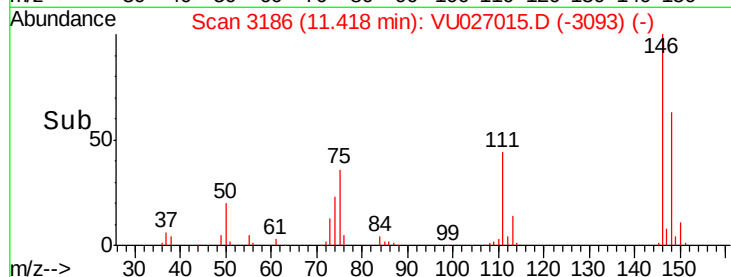
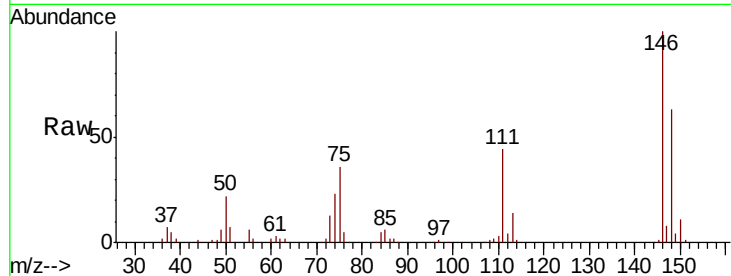
#87
 1,3-Dichlorobenzene
 Concen: 17.778 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	20.8	62.2
148	64.3	32.0	96.2

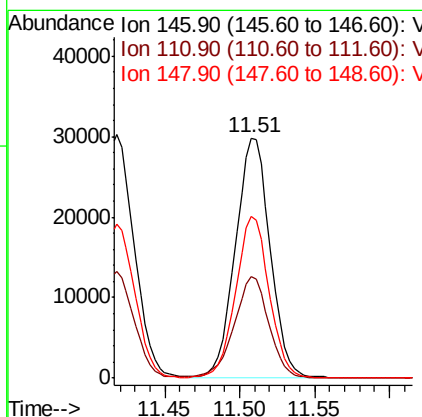
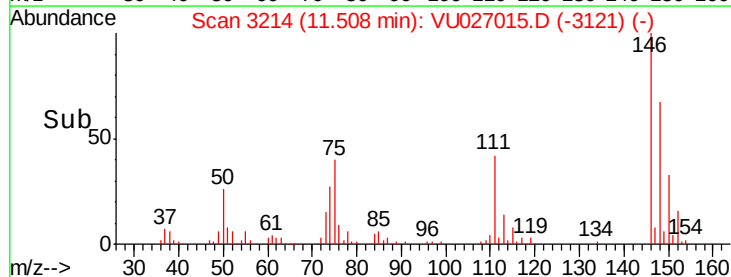
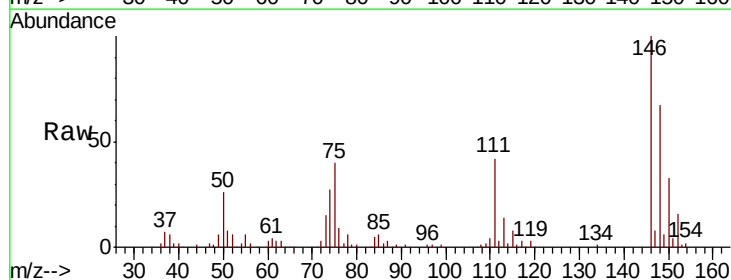
Manual Integrations
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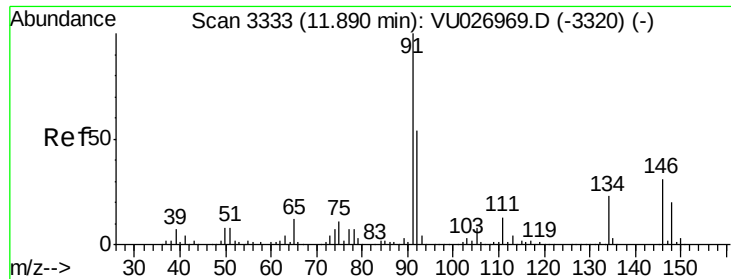
MMDadoda
 9/24/2018 2:14:22 PM



#88
 1,4-Dichlorobenzene
 Concen: 16.498 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.3	60.9
148	65.2	31.9	95.9





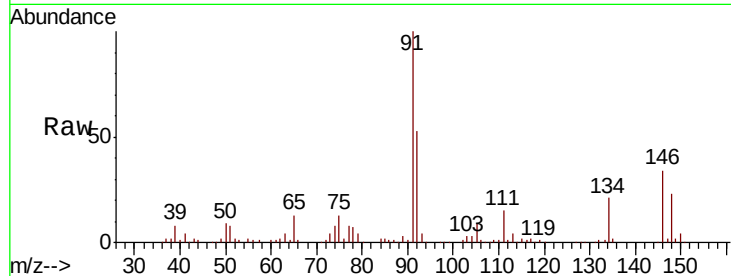
#89
n-Butylbenzene
Concen: 17.489 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS03

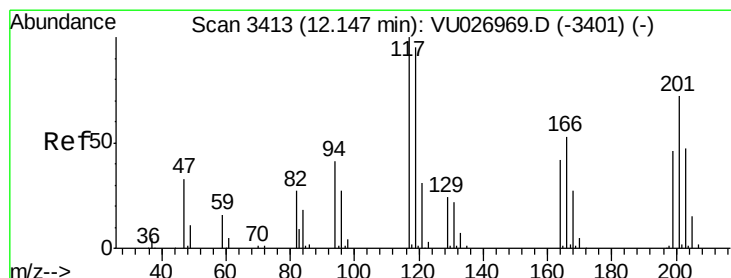
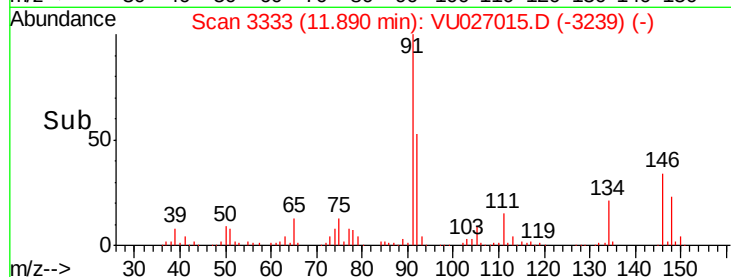
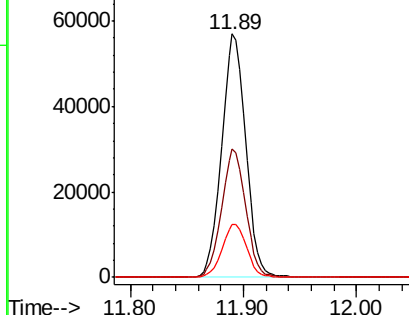
Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	27.1	81.2
134	22.0	11.7	35.0

Manual Integrations
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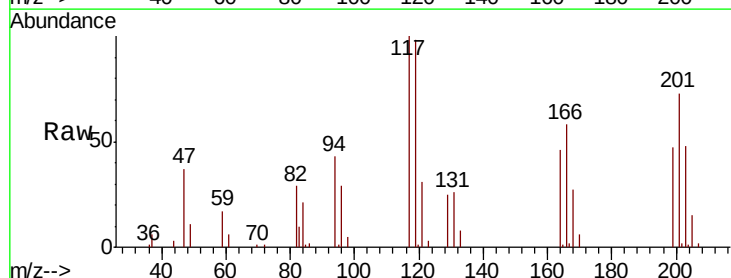


Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-3320) (-)
Ion 92.00 (91.70 to 92.70): VU026969.D (-3320) (-)
Ion 134.00 (133.70 to 134.70): VU026969.D (-3320) (-)

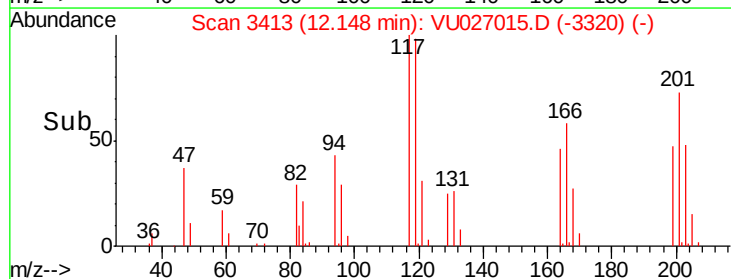
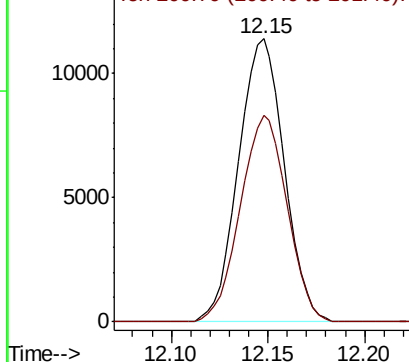


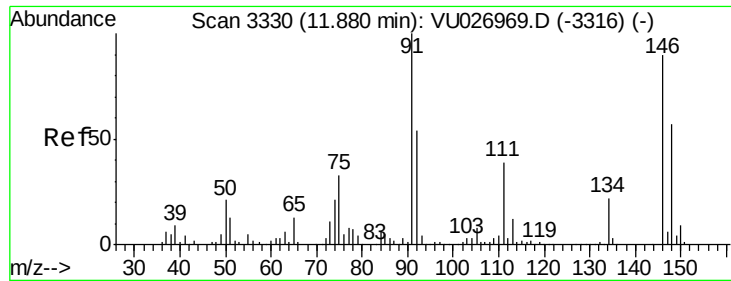
#90
Hexachloroethane
Concen: 17.532 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.7	36.8	110.3



Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-3401) (-)
Ion 200.70 (200.40 to 201.40): VU026969.D (-3401) (-)





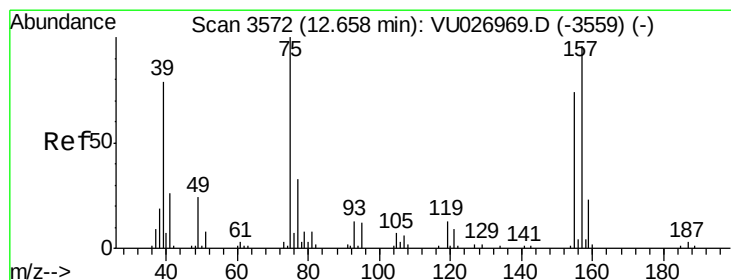
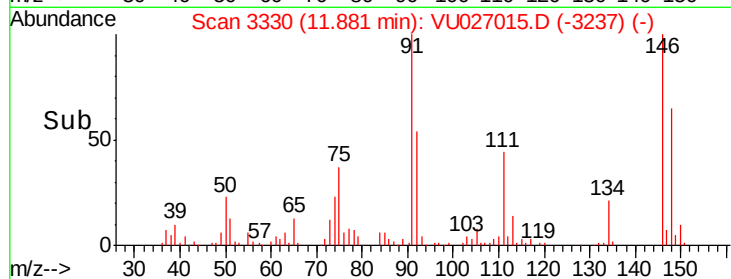
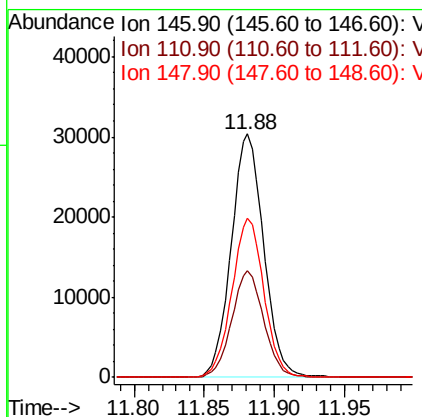
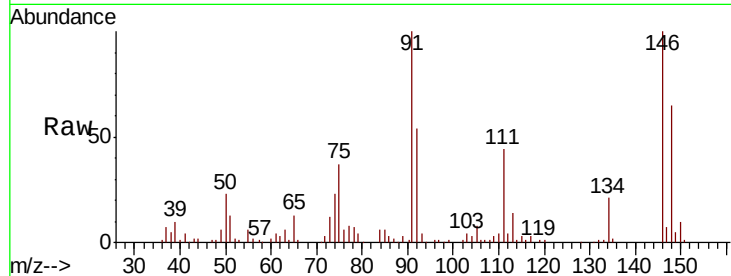
#91
 1,2-Dichlorobenzene
 Concen: 17.178 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.8	65.3
148	64.3	31.9	95.7

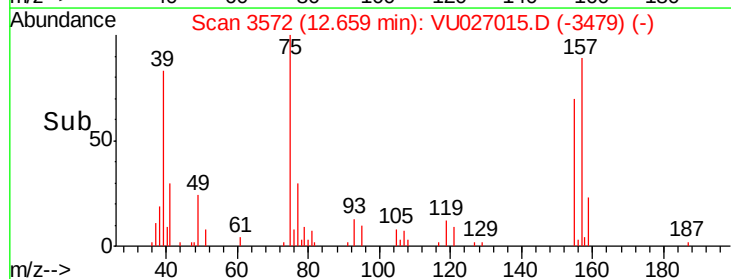
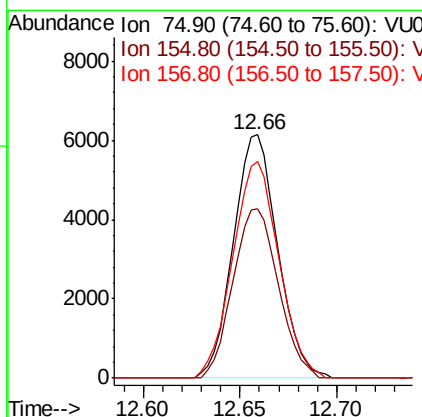
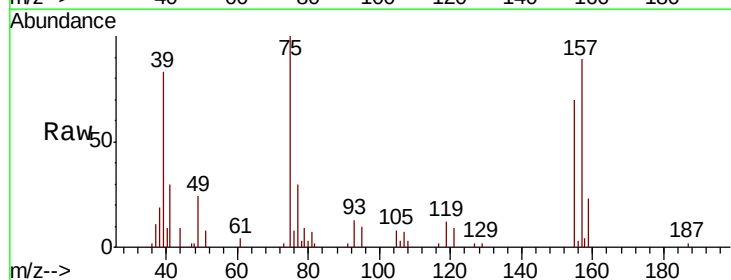
Manual Integrations
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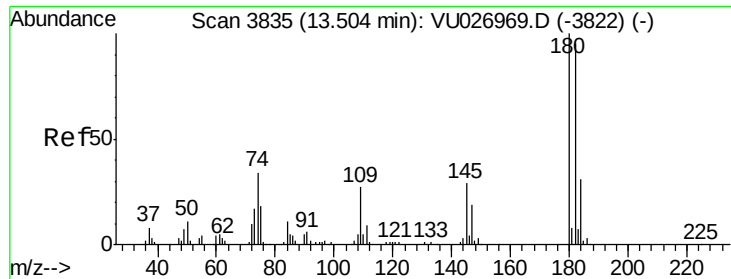
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.699 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.2	36.6	109.8
157	92.5	47.4	142.2





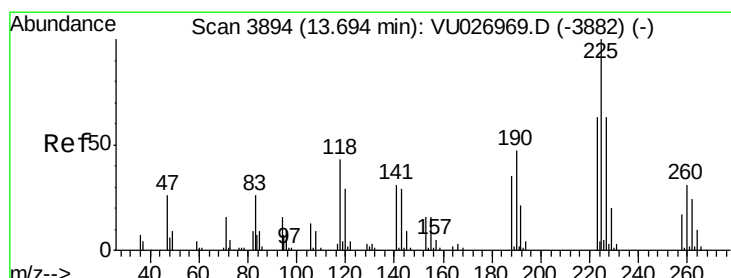
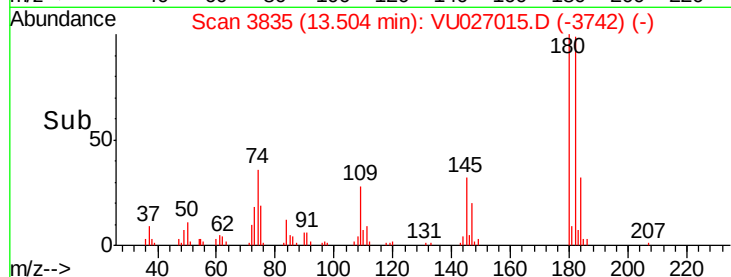
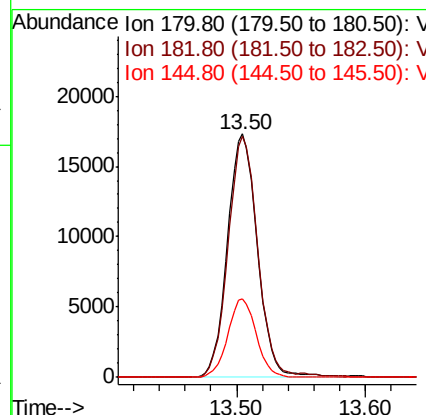
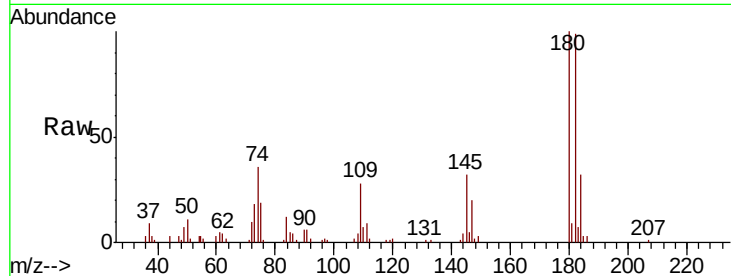
#93
 1,2,4-Trichlorobenzene
 Concen: 16.963 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0922WBS03

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.4	142.2
145	30.7	14.9	44.5

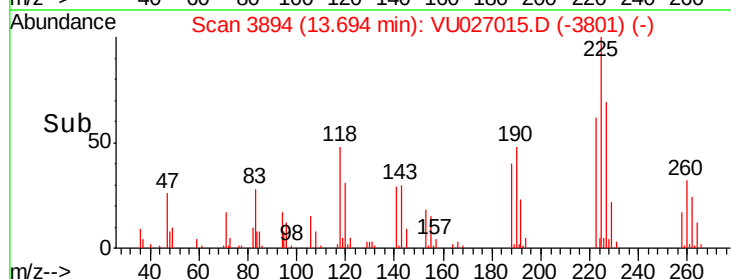
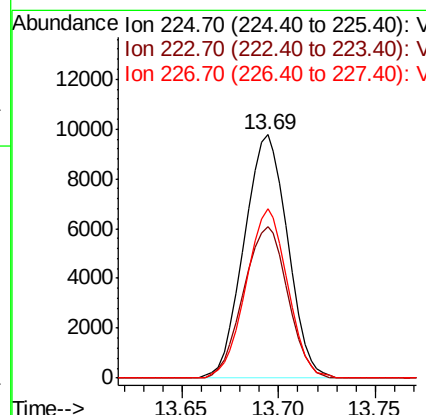
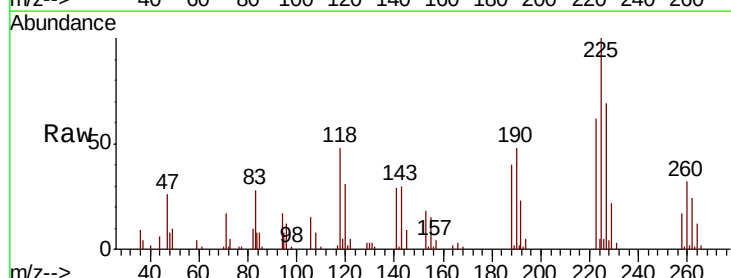
Manual Integrations
 APPROVED

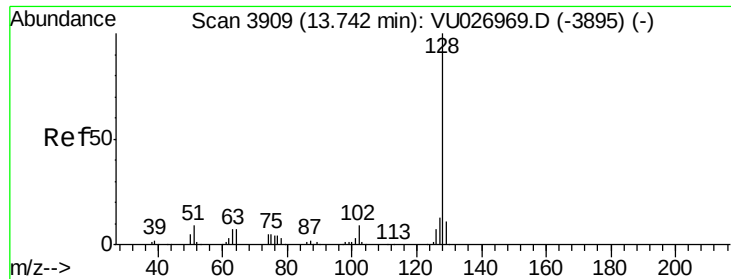
MMDadoda
 9/24/2018 2:14:22 PM



#94
 Hexachlorobutadiene
 Concen: 17.615 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027015.D
 Acq: 22 Sep 2018 15:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.9	95.7
227	66.3	32.1	96.5





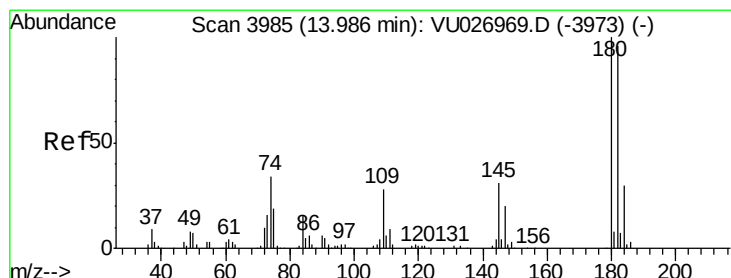
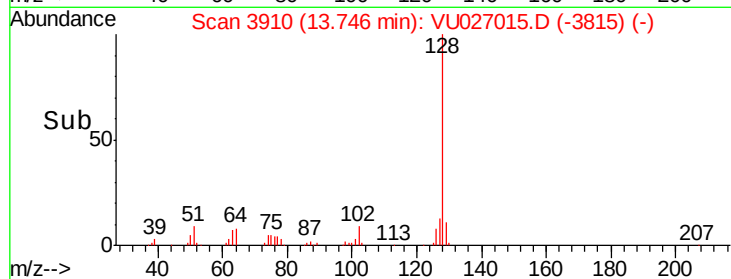
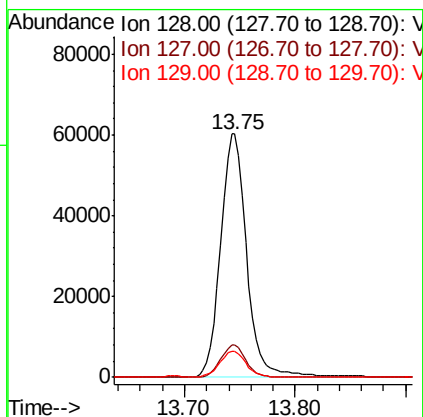
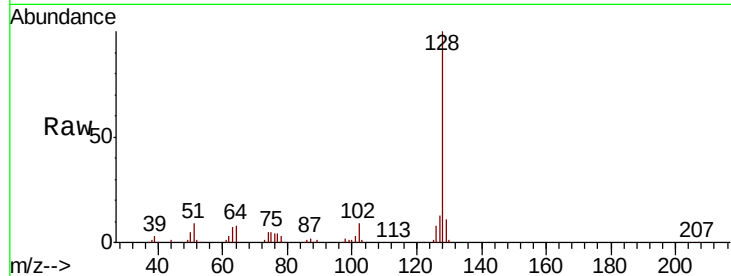
#95
Naphthalene
Concen: 16.613 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Instrument :
MSVOA_U
ClientSampleId :
VU0922WBS03

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

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 18.081 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027015.D
Acq: 22 Sep 2018 15:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.5	142.5
145	31.9	15.4	46.4

