

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100618\
 Data File : VU027460.D
 Acq On : 05 Oct 2018 18:00
 Operator : MD/SY
 Sample : VU1006WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 2:05:18 PM

Quant Time: Oct 06 01:00:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	124118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	212253	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	197155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	100726	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	90297	43.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.14%	
35) Dibromofluoromethane	4.88	113	65549	45.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.12%	
50) Toluene-d8	7.57	98	247762	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
62) 4-Bromofluorobenzene	10.31	95	91946	45.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	30500	17.045	ug/l	99
3) Chloromethane	1.33	50	39302	16.223	ug/l	97
4) Vinyl Chloride	1.40	62	38503	16.907	ug/l	99
5) Bromomethane	1.63	94	22383	22.714	ug/l	97
6) Chloroethane	1.70	64	24075	17.593	ug/l	97
7) Trichlorofluoromethane	1.89	101	41414	17.923	ug/l	97
8) Diethyl Ether	2.11	74	18827	17.688	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.29	101	23614	17.597	ug/l	96
10) Methyl Iodide	2.41	142	18554	21.497	ug/l	96
11) Tert butyl alcohol	2.83	59	38418	88.025	ug/l	98
12) 1,1-Dichloroethene	2.28	96	22219	16.947	ug/l	98
13) Acrolein	2.20	56	14721	40.197	ug/l	100
14) Allyl chloride	2.59	41	51146	16.428	ug/l	98
15) Acrylonitrile	2.94	53	100894	88.819	ug/l	100
16) Acetone	2.32	43	101726	83.083	ug/l	99
17) Carbon Disulfide	2.48	76	72348	15.301	ug/l	100
18) Methyl Acetate	2.62	43	53663	19.212	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	90597	17.246	ug/l	100
20) Methylene Chloride	2.70	84	29550	17.326	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	25806	17.532	ug/l	97
22) Diisopropyl ether	3.58	45	109332	17.278	ug/l	95
23) Vinyl Acetate	3.53	43	471793	85.374	ug/l	100
24) 1,1-Dichloroethane	3.45	63	56530	17.378	ug/l	99
25) 2-Butanone	4.27	43	145812	87.331	ug/l	98
26) 2,2-Dichloropropane	4.23	77	42953	16.069	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	29328	17.423	ug/l	98
28) Bromochloromethane	4.55	49	30068	19.158	ug/l	100
29) Tetrahydrofuran	4.64	42	94049	89.381	ug/l	99
30) Chloroform	4.67	83	51393	17.782	ug/l	98
31) Cyclohexane	5.00	56	53715	15.998	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	42435	17.433	ug/l	98
36) 1,1-Dichloropropene	5.14	75	39461	17.123	ug/l	98
37) Ethyl Acetate	4.38	43	53178	17.854	ug/l	98
38) Carbon Tetrachloride	5.14	117	34960	16.793	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	43614	16.190	ug/l	99
40) Benzene	5.39	78	117211	17.460	ug/l	99
41) Methacrylonitrile	4.55	41	28874	17.152	ug/l	96
42) 1,2-Dichloroethane	5.41	62	44245	17.756	ug/l	99
43) Isopropyl Acetate	5.55	43	81706	17.663	ug/l	99
44) Trichloroethene	6.19	130	25942	17.331	ug/l	97
45) 1,2-Dichloropropane	6.43	63	34227	17.677	ug/l	96
46) Dibromomethane	6.56	93	19706	18.020	ug/l	97
47) Bromodichloromethane	6.76	83	39499	17.407	ug/l	99
48) Methyl methacrylate	6.63	41	40046	17.408	ug/l	99
49) 1,4-Dioxane	6.62	88	15070	380.750	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	264552	88.010	ug/l	100
52) Toluene	7.64	92	69270	17.434	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	45921	17.260	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	49650	17.359	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	27819	17.659	ug/l	98
56) Ethyl methacrylate	8.02	69	45470	16.659	ug/l	97
57) 1,3-Dichloropropane	8.24	76	53114	17.367	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	144986	92.862	ug/l	99
59) 2-Hexanone	8.36	43	205149	87.980	ug/l	100
60) Dibromochloromethane	8.48	129	27925	17.674	ug/l	99
61) 1,2-Dibromoethane	8.59	107	29059	17.349	ug/l	100
64) Tetrachloroethene	8.23	164	22197	18.086	ug/l	98
65) Chlorobenzene	9.12	112	75067	18.089	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	25263	17.634	ug/l	99
67) Ethyl Benzene	9.25	91	129263	17.581	ug/l	100
68) m/p-Xylenes	9.38	106	96685	35.950	ug/l	99
69) o-Xylene	9.78	106	45787	17.915	ug/l	98
70) Styrene	9.79	104	76369	17.549	ug/l	99
71) Bromoform	9.96	173	19841	17.214	ug/l #	99
73) Isopropylbenzene	10.17	105	124451	17.012	ug/l	99
74) N-amyl acetate	10.02	43	68204	16.285	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	48601	16.919	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	44582m	17.074	ug/l	
77) Bromobenzene	10.45	156	29582	17.399	ug/l	97
78) n-propylbenzene	10.59	91	153953	17.513	ug/l	100
79) 2-Chlorotoluene	10.66	91	90363	17.025	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	104062	17.472	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	16346m	16.384	ug/l	
82) 4-Chlorotoluene	10.77	91	105711	17.551	ug/l	98
83) tert-Butylbenzene	11.10	119	96122	16.694	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	106800	17.554	ug/l	100
85) sec-Butylbenzene	11.32	105	125694	17.326	ug/l	99
86) p-Isopropyltoluene	11.48	119	109498	17.628	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	56565	17.570	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	59086	17.961	ug/l	97
89) n-Butylbenzene	11.89	91	106680	17.503	ug/l	100
90) Hexachloroethane	12.15	117	18624	15.907	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	55456	17.697	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10420	16.368	ug/l	98

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VU1006WBS01

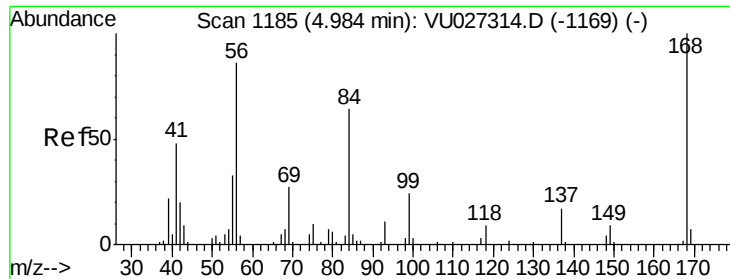
Manual Integrations
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Quant Time: Oct 06 01:00:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	39057	19.262	ug/l	99
94) Hexachlorobutadiene	13.69	225	17939	17.511	ug/l	98
95) Naphthalene	13.74	128	122807	17.251	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	39827	18.853	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBS01

Tot Ion:168 Resp: 124118

Ion Ratio Lower Upper

168 100

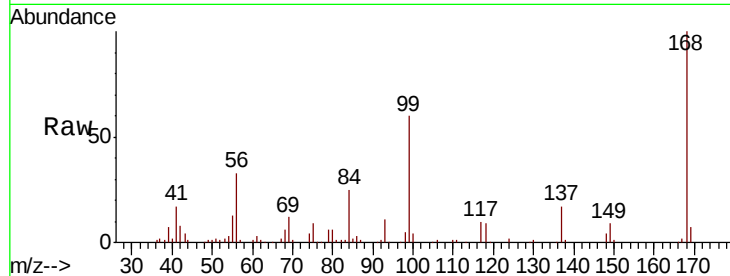
99 60.1 50.8 76.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VU027460.D (-1092) (-)

Ion 98.90 (98.60 to 99.60): VU027460.D (-1092) (-)

4.99

60000

50000

40000

30000

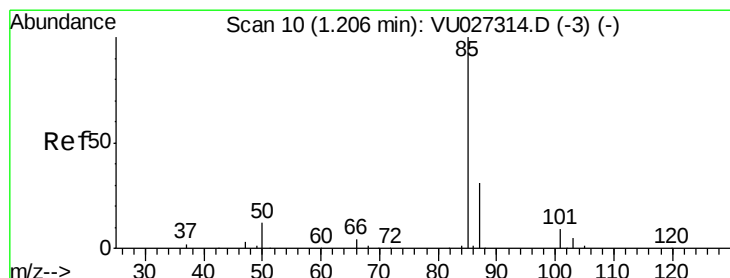
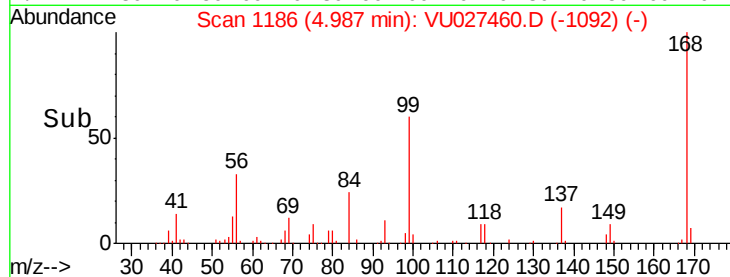
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#2

Dichlorodifluoromethane

Concen: 17.045 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027460.D

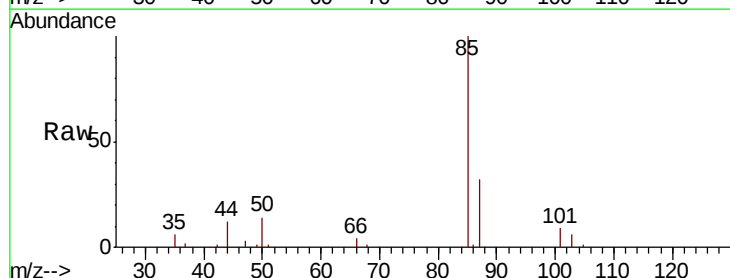
Acq: 05 Oct 2018 18:00

Tgt Ion: 85 Resp: 30500

Ion Ratio Lower Upper

85 100

87 31.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VU027460.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VU027460.D (-1) (-)

1.21

30000

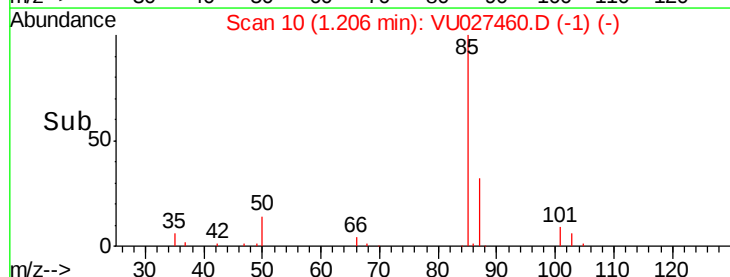
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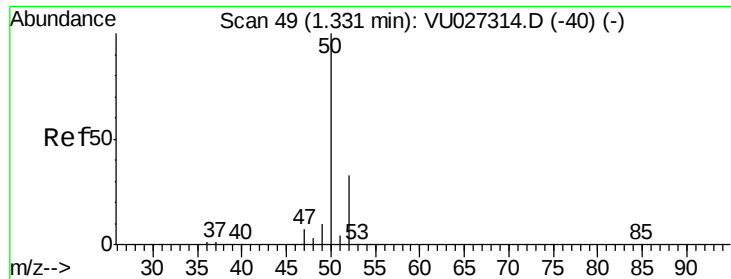
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0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 16.223 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBS01

Tot Ion: 50 Resp: 39302

Ion Ratio Lower Upper

50 100

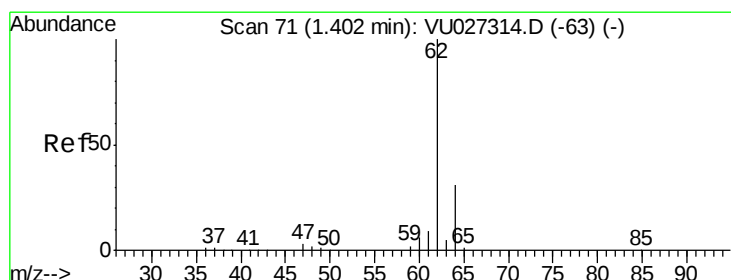
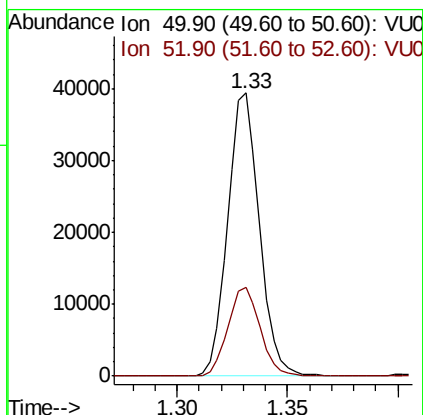
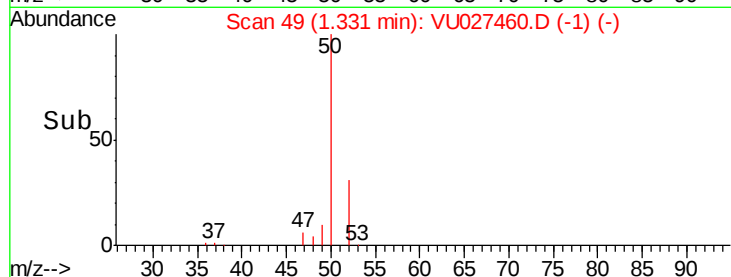
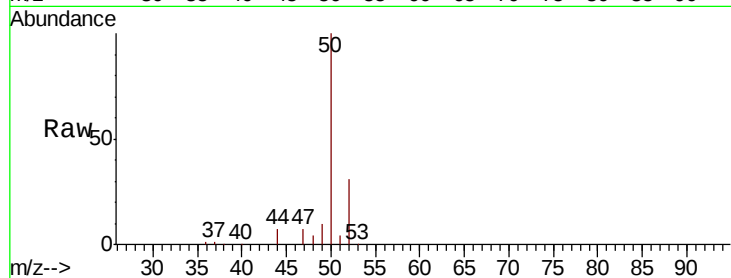
52 31.3 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.907 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027460.D

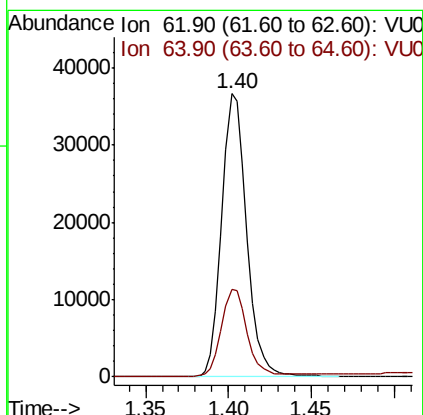
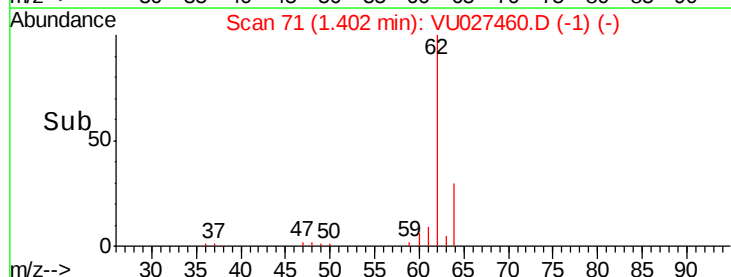
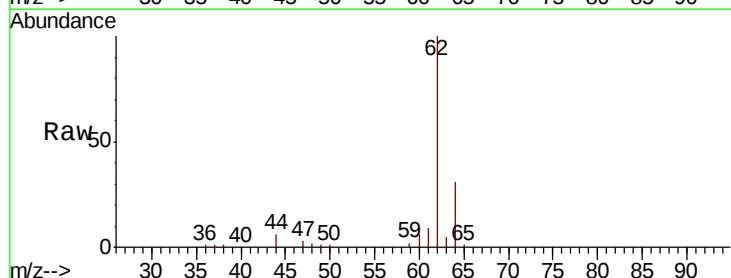
Acq: 05 Oct 2018 18:00

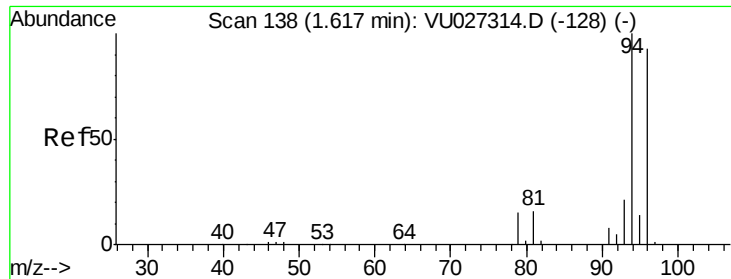
Tgt Ion: 62 Resp: 38503

Ion Ratio Lower Upper

62 100

64 30.5 24.9 37.3





#5

Bromomethane

Concen: 22.714 ug/l

RT: 1.63 min Scan# 141

Delta R.T. 0.01 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBS01

Tot Ion: 94 Resp: 22383

Ion Ratio Lower Upper

94 100

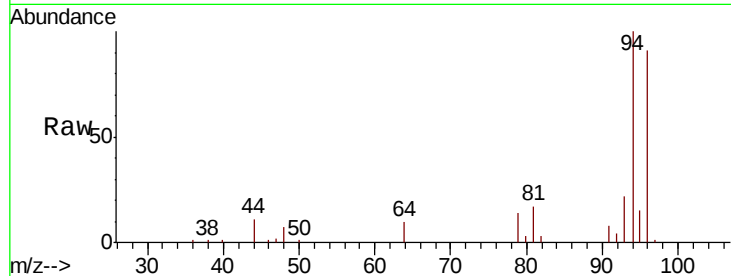
96 90.6 74.6 111.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

20000

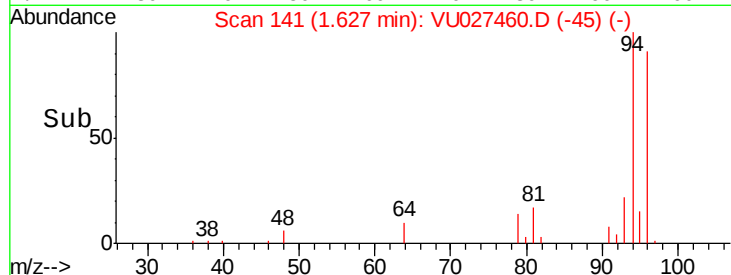
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10000

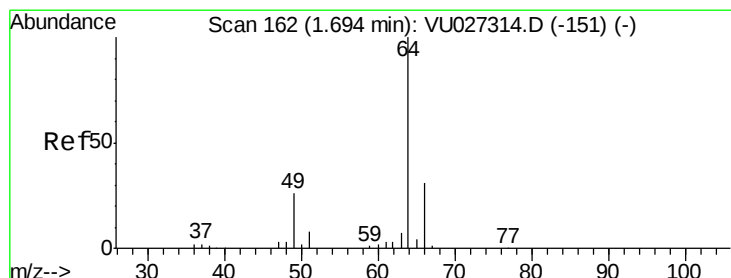
5000

0

Time-->



1.63



#6

Chloroethane

Concen: 17.593 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027460.D

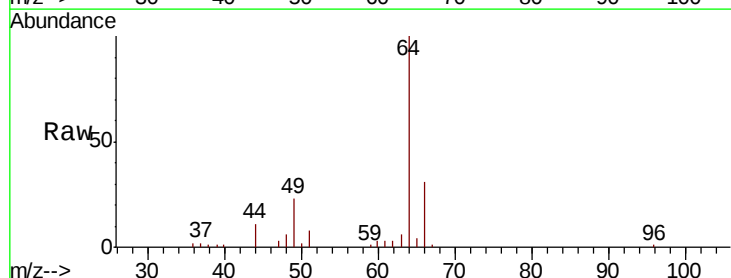
Acq: 05 Oct 2018 18:00

Tgt Ion: 64 Resp: 24075

Ion Ratio Lower Upper

64 100

66 32.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

20000

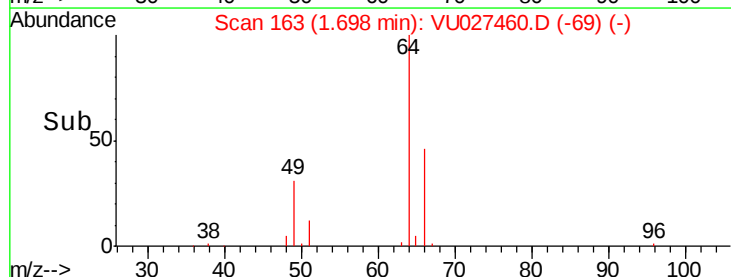
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10000

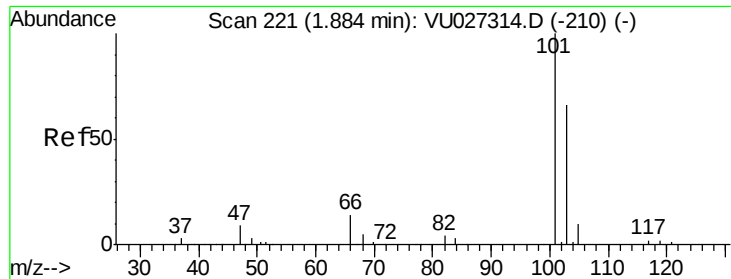
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0

Time-->



1.70



#7

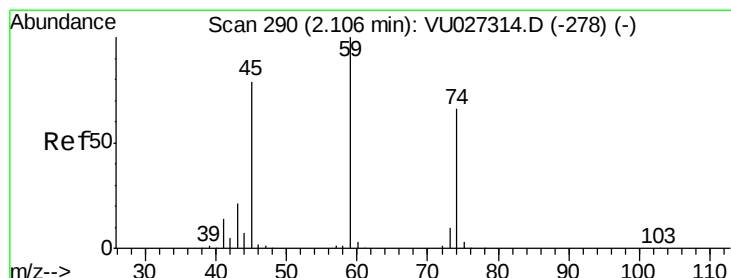
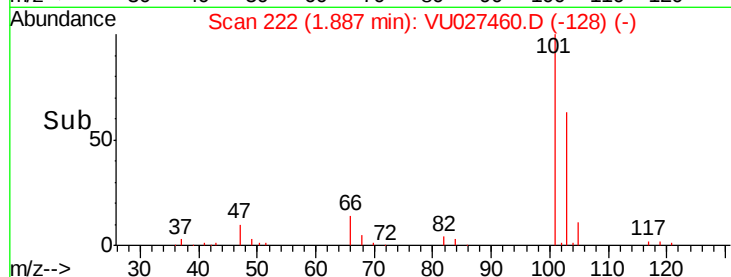
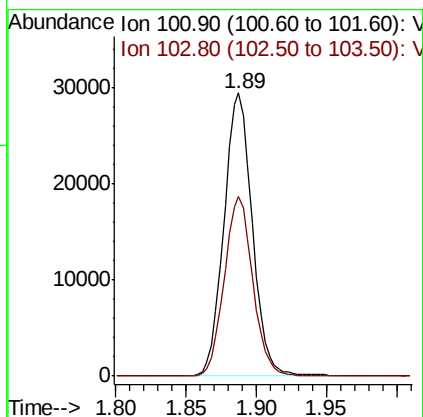
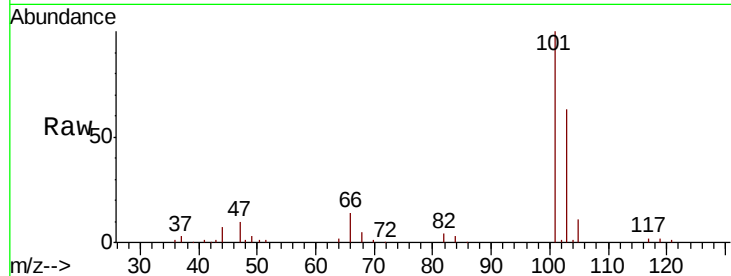
Trichlorofluoromethane
Concen: 17.923 ug/l
RT: 1.89 min Scan# 222
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
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ClientSampleId :
VU1006WBS01

Tot Ion:101 Resp: 41414
Ion Ratio Lower Upper
101 100
103 63.3 52.6 78.8

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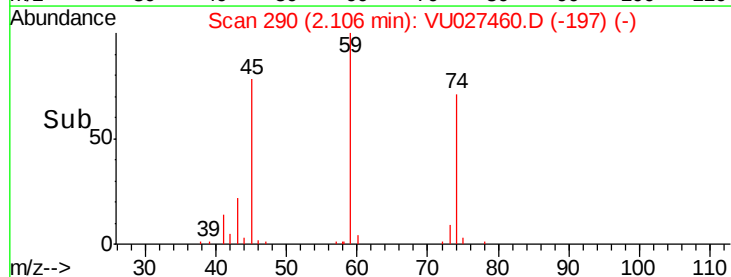
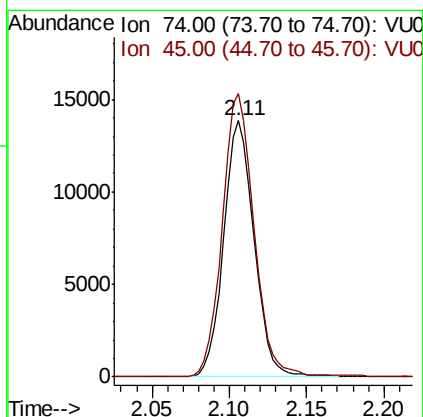
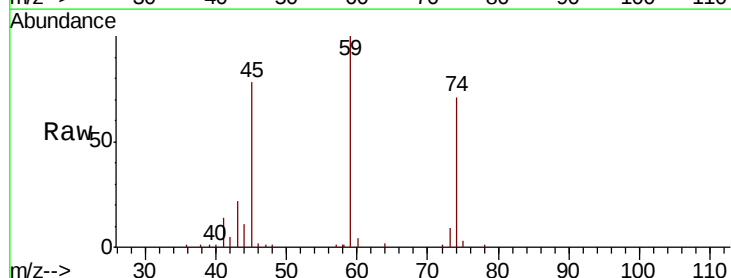
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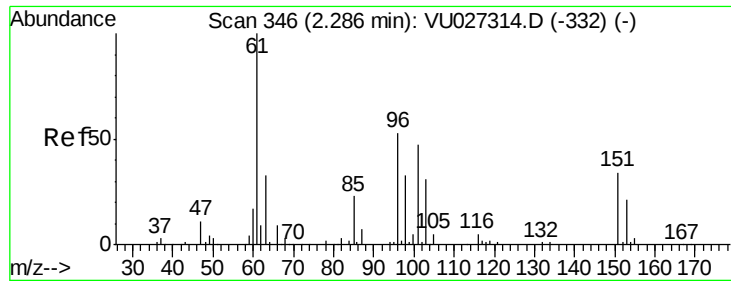


#8

Diethyl Ether
Concen: 17.688 ug/l
RT: 2.11 min Scan# 290
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion: 74 Resp: 18827
Ion Ratio Lower Upper
74 100
45 115.2 60.4 181.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.597 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

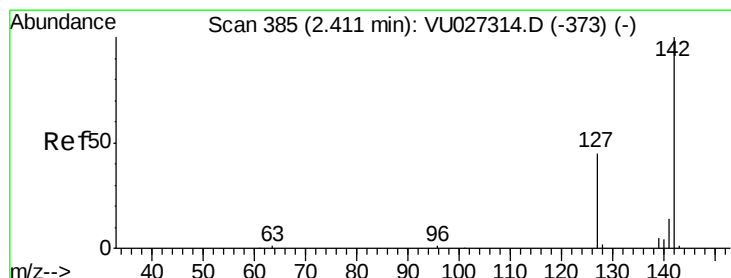
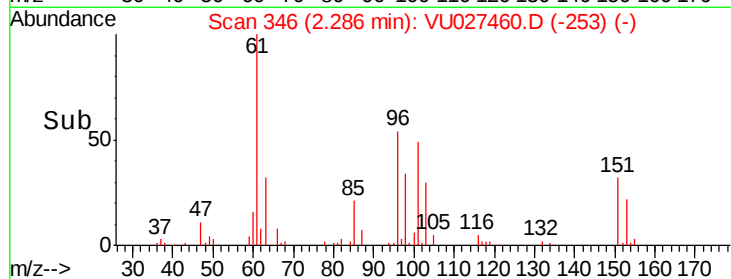
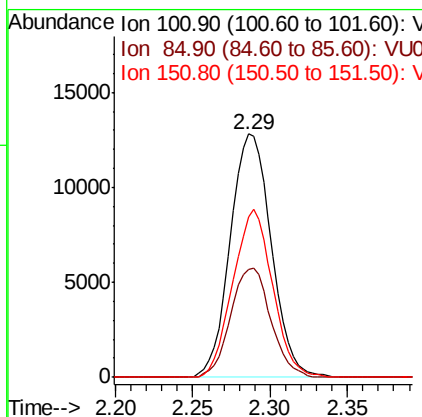
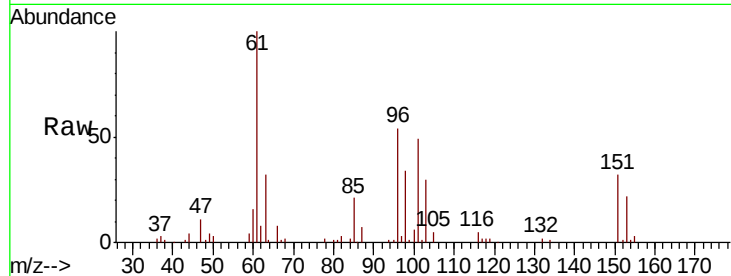
ClientSampleId :

VU1006WBS01

Tot Ion:	101	Resp:	23614
Ion Ratio	Lower	Upper	
101	100		
85	43.7	37.5	56.3
151	66.7	55.6	83.4

Manual Integrations
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#10

Methyl Iodide

Concen: 21.497 ug/l

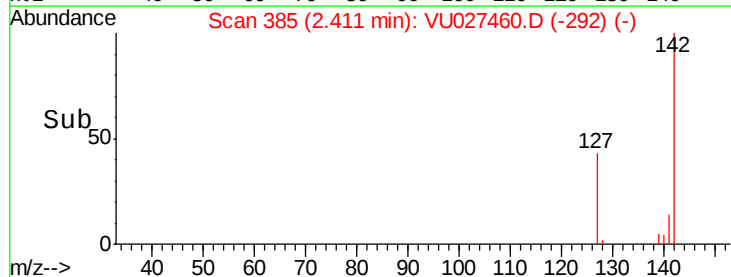
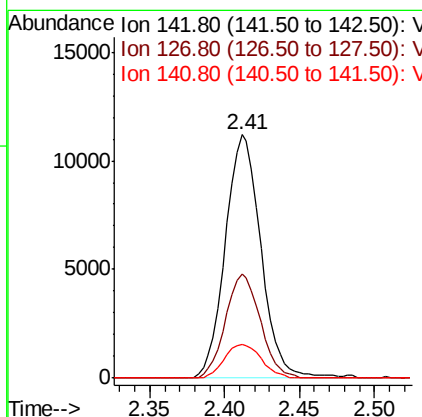
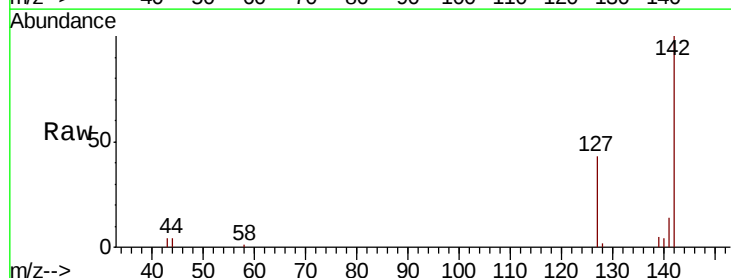
RT: 2.41 min Scan# 385

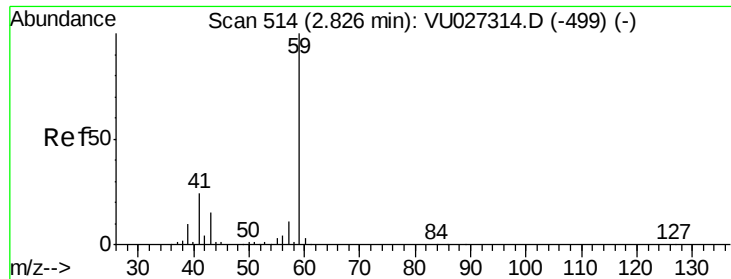
Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Tgt Ion:	142	Resp:	18554
Ion Ratio	Lower	Upper	
142	100		
127	41.8	36.3	54.5
141	14.1	11.6	17.4





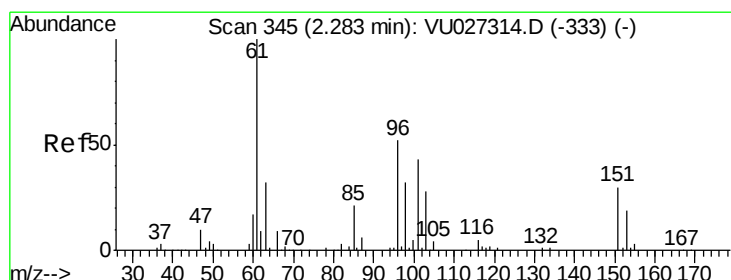
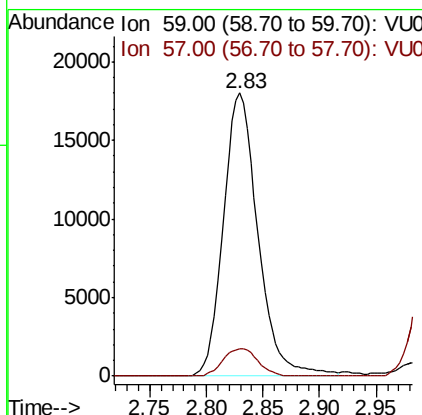
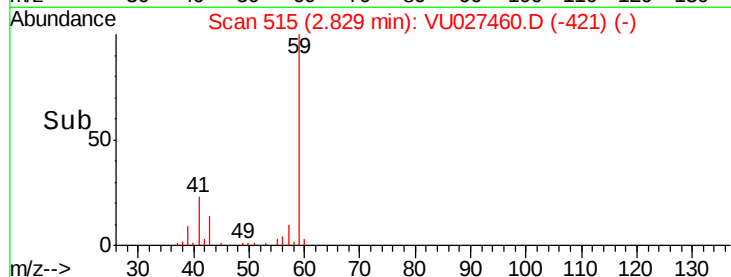
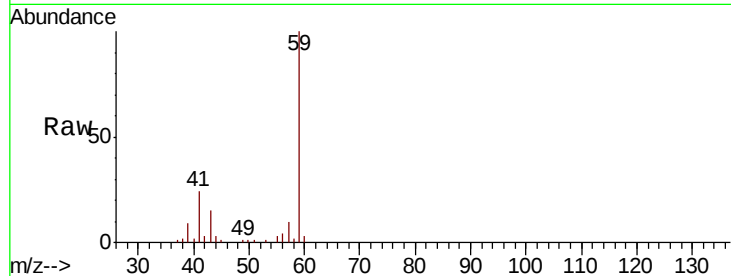
#11
Tert butyl alcohol
Concen: 88.025 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.4	12.6

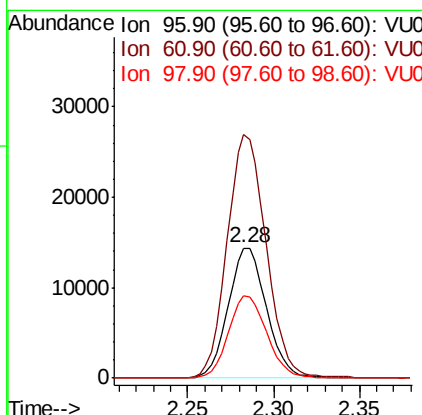
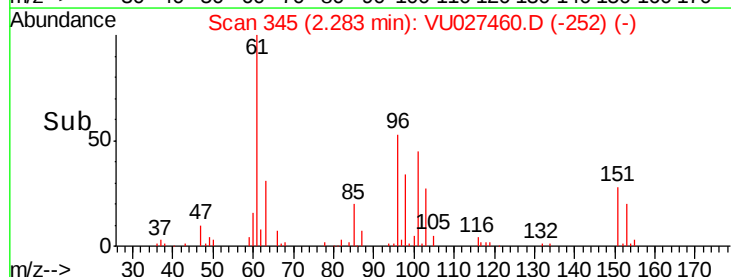
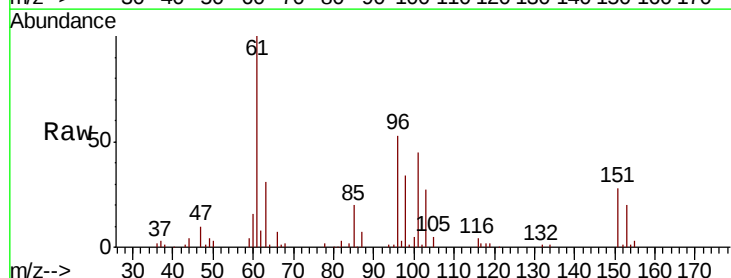
Manual Integrations
APPROVED

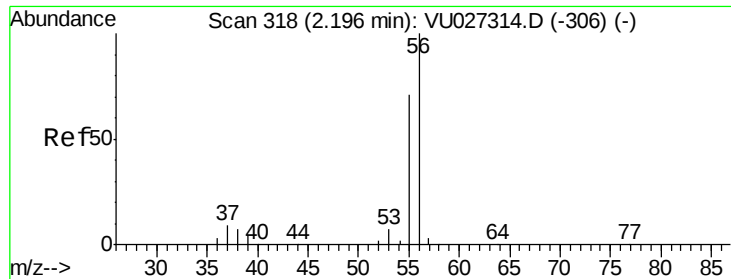
MMDadoda
10/8/2018 2:05:18 PM



#12
1,1-Dichloroethene
Concen: 16.947 ug/l
RT: 2.28 min Scan# 345
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	187.6	153.0	229.6
98	63.0	49.3	73.9





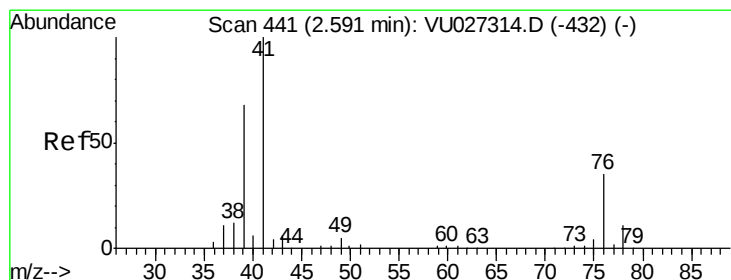
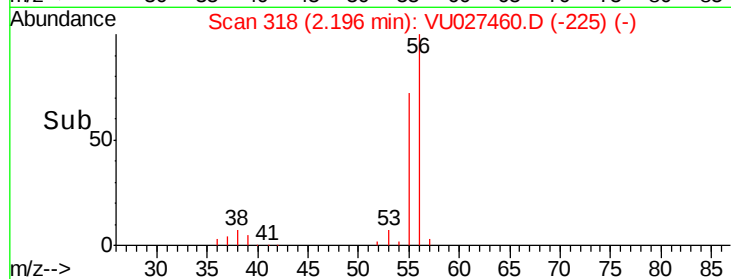
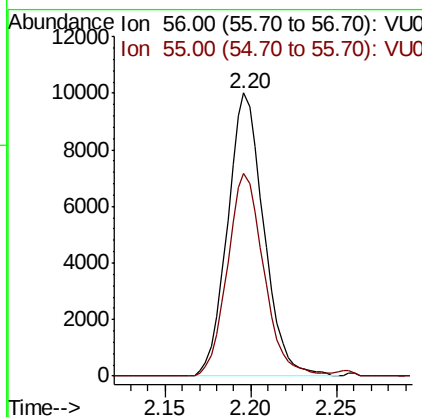
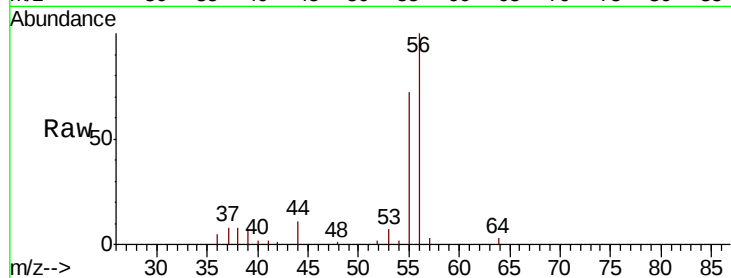
#13
Acrolein
Concen: 40.197 ug/l
RT: 2.20 min Scan# 318
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tot Ion: 56 Resp: 14721
Ion Ratio Lower Upper
56 100
55 72.2 57.7 86.5

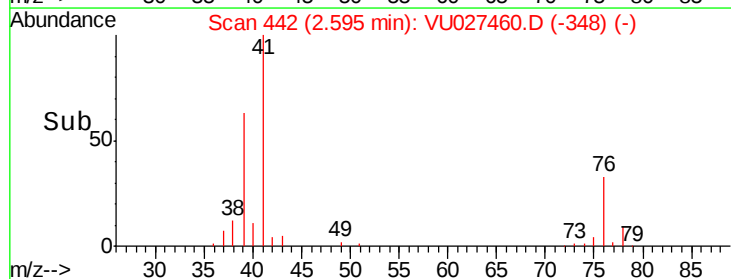
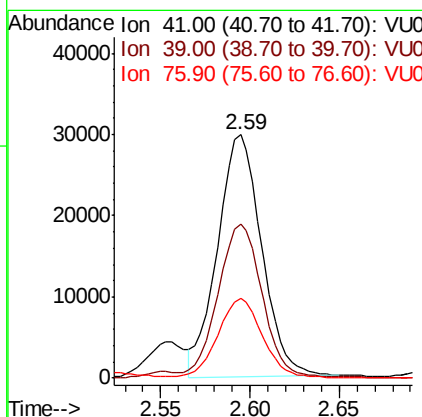
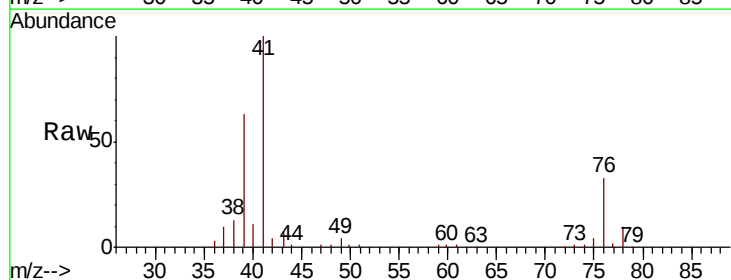
Manual Integrations
APPROVED

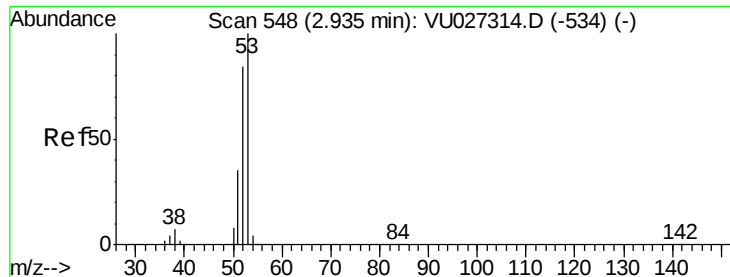
MMDadoda
10/8/2018 2:05:18 PM



#14
Allyl chloride
Concen: 16.428 ug/l
RT: 2.59 min Scan# 442
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion: 41 Resp: 51146
Ion Ratio Lower Upper
41 100
39 62.8 51.8 77.8
76 33.4 25.9 38.9





#15

Acrylonitrile

Concen: 88.819 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

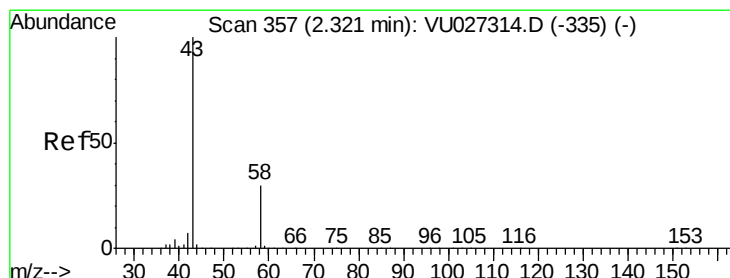
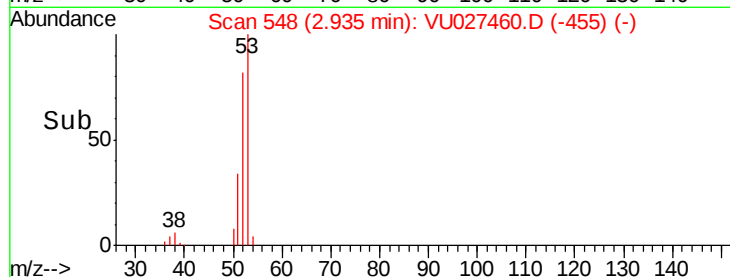
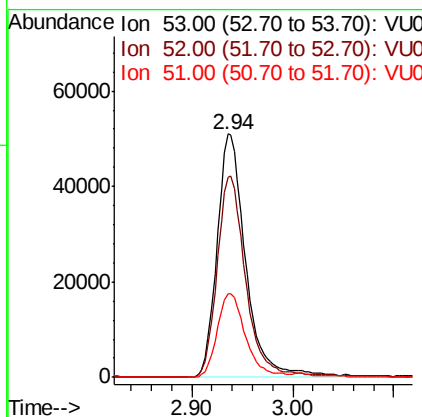
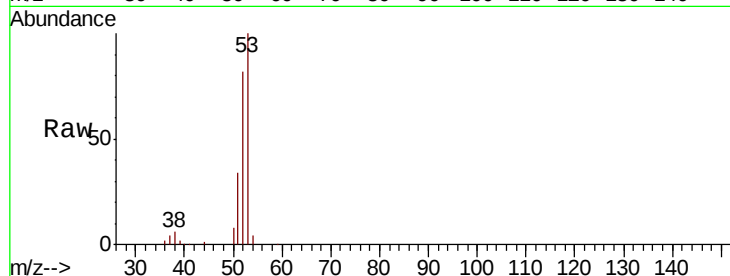
ClientSampleId :

VU1006WBS01

Tot Ion:	53	Resp:	100894
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.5	99.7
51	34.3	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 83.083 ug/l

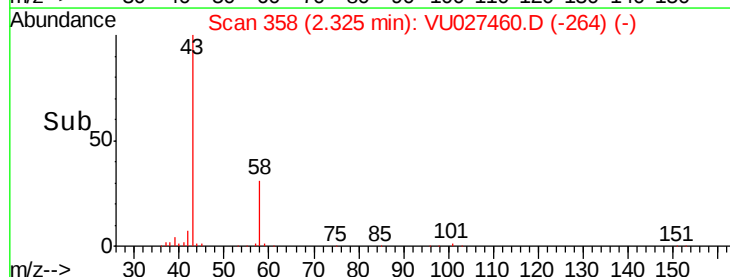
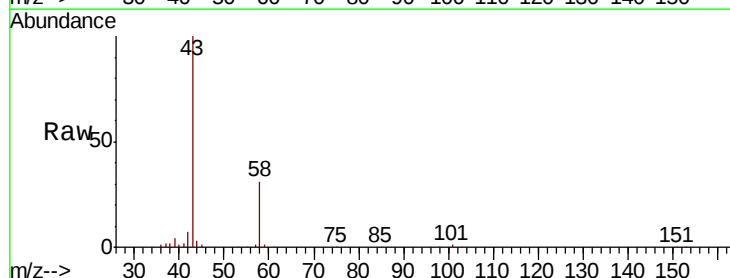
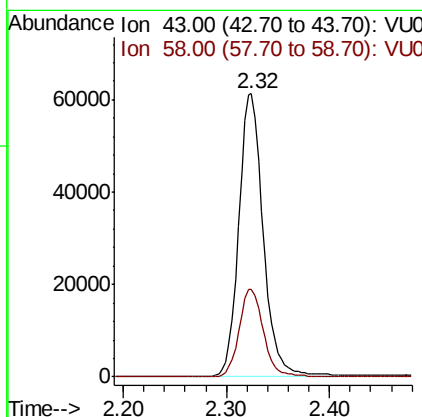
RT: 2.32 min Scan# 358

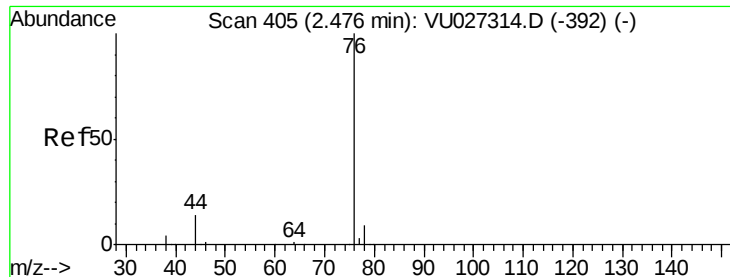
Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Tgt Ion:	43	Resp:	101726
Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.2	36.4





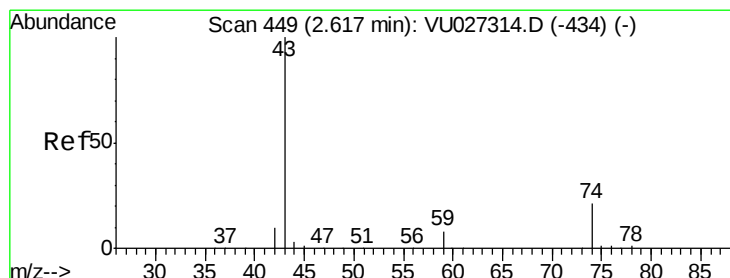
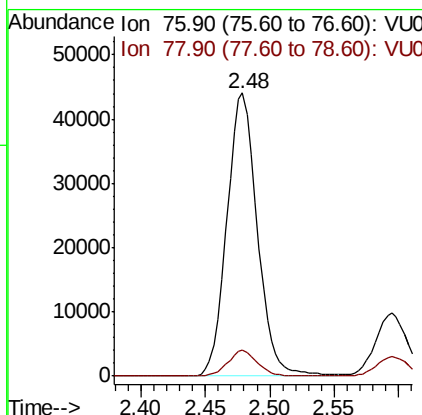
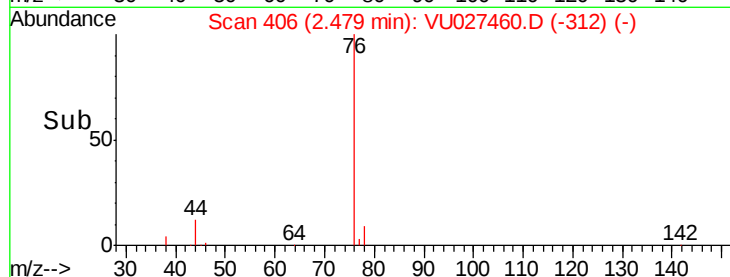
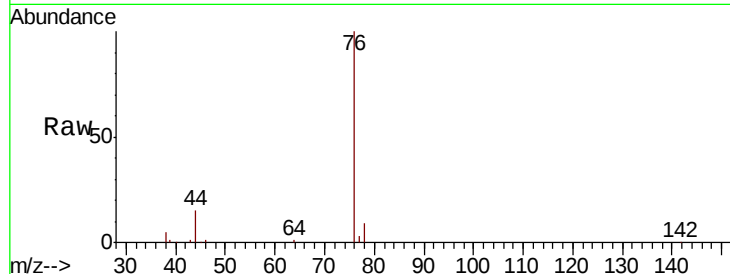
#17
Carbon Disulfide
Concen: 15.301 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

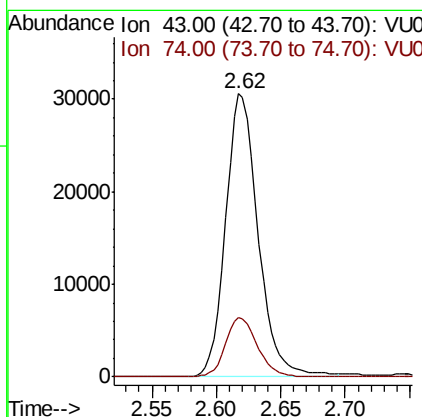
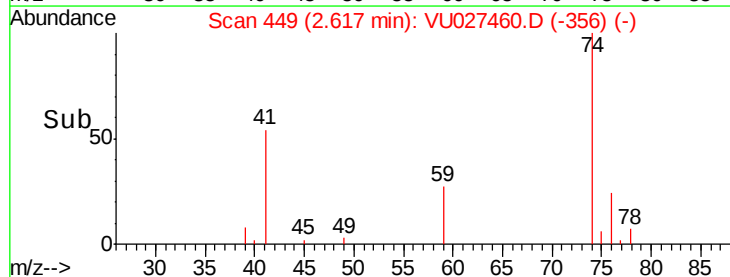
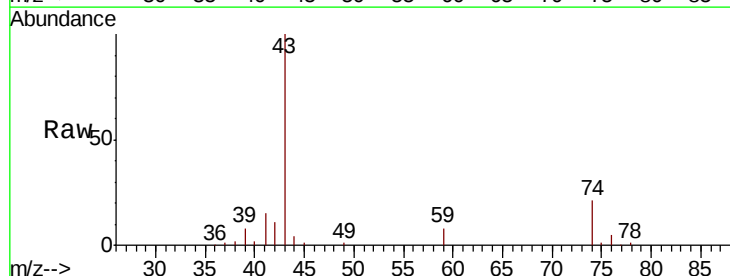
Manual Integrations
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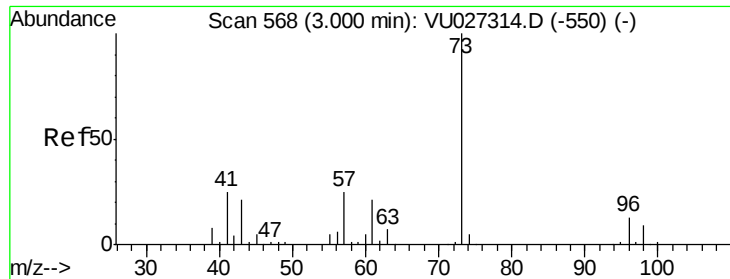
MMDadoda
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#18
Methyl Acetate
Concen: 19.212 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.3	16.5	24.7





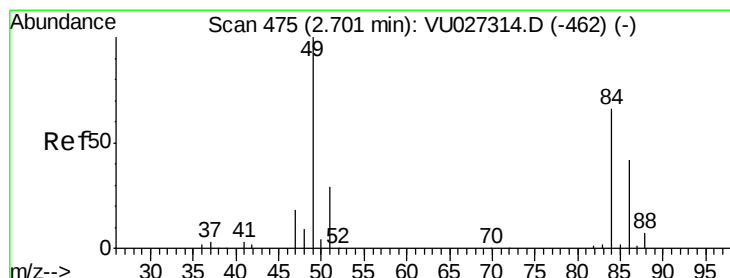
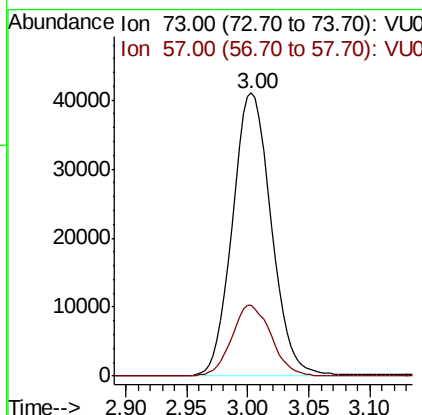
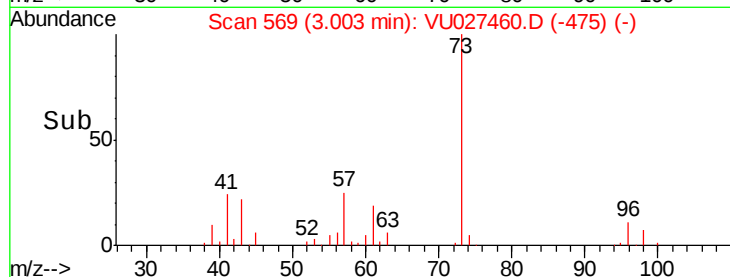
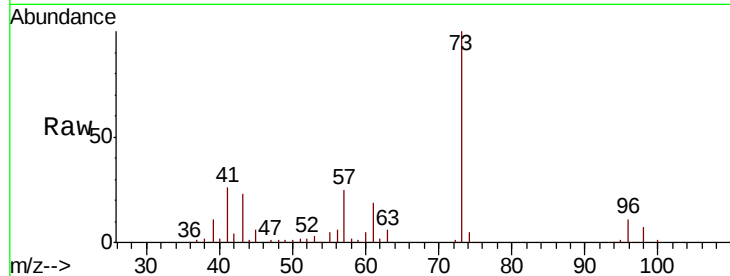
#19
Methyl tert-butyl Ether
Concen: 17.246 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tot Ion: 73 Resp: 90597
Ion Ratio Lower Upper
73 100
57 24.9 20.0 30.0

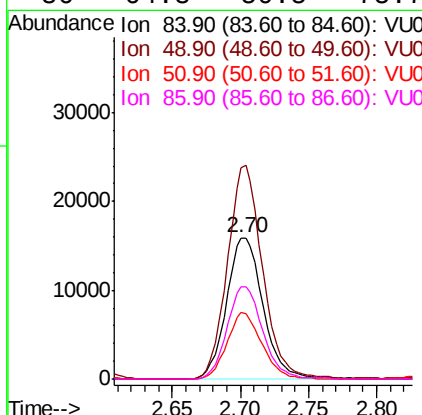
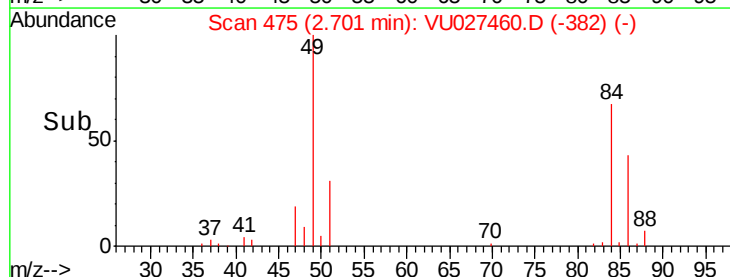
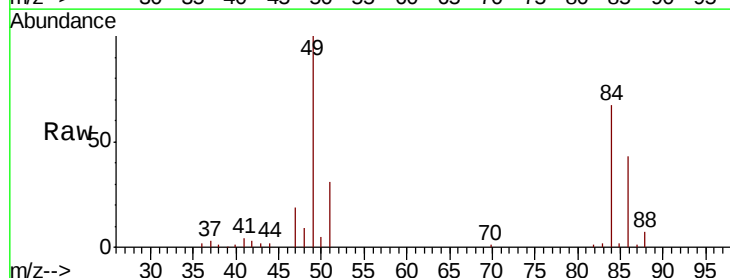
Manual Integrations
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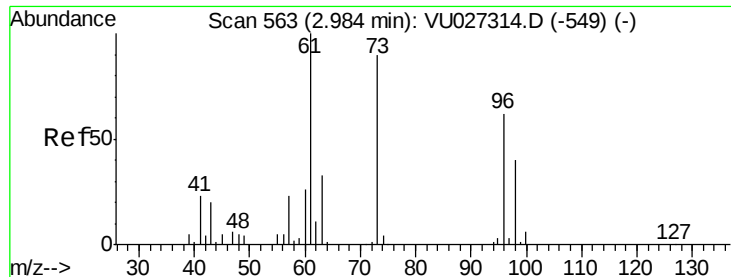
MMDadoda
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#20
Methylene Chloride
Concen: 17.326 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion: 84 Resp: 29550
Ion Ratio Lower Upper
84 100
49 149.2 120.5 180.7
51 46.8 35.1 52.7
86 64.8 50.5 75.7





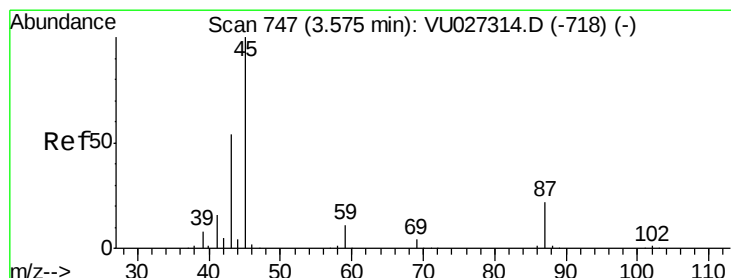
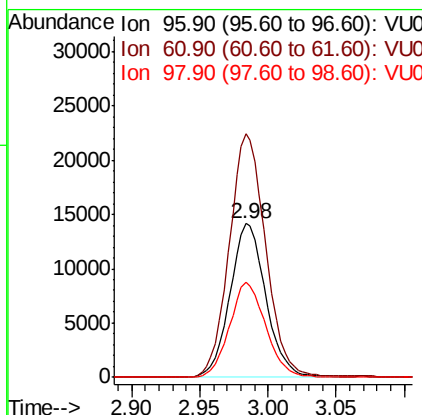
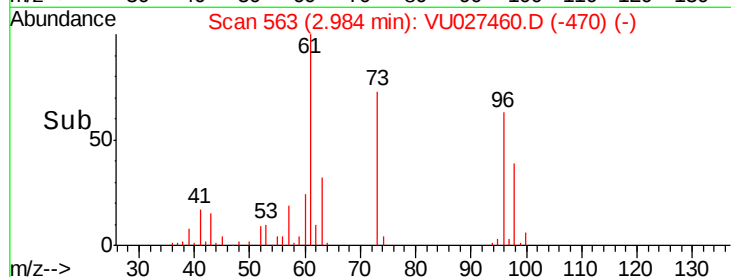
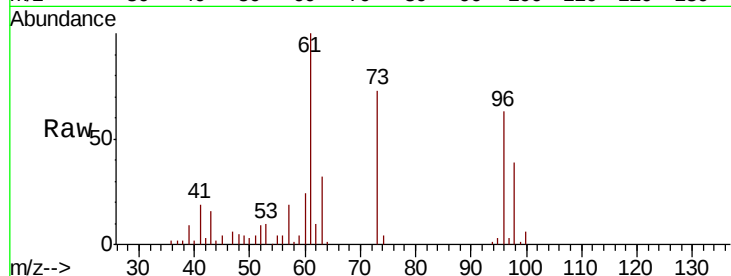
#21
trans-1,2-Dichloroethene
Concen: 17.532 ug/l
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.4	129.4	194.2
98	61.8	51.2	76.8

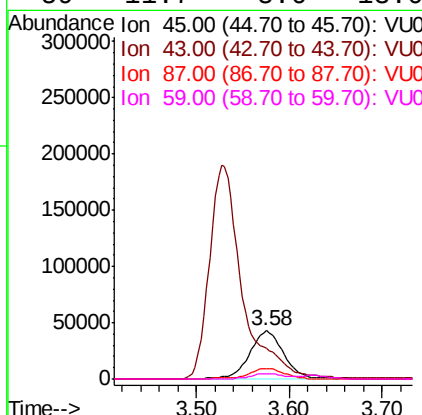
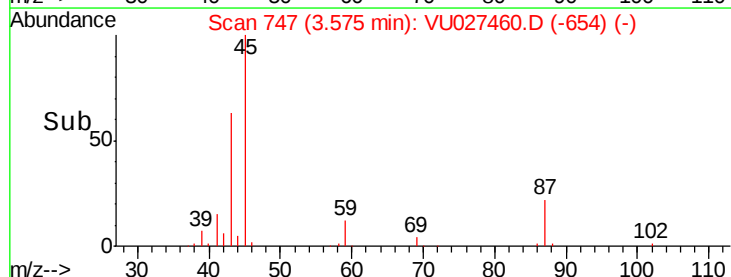
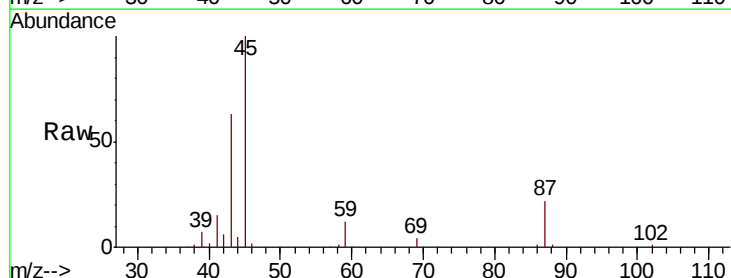
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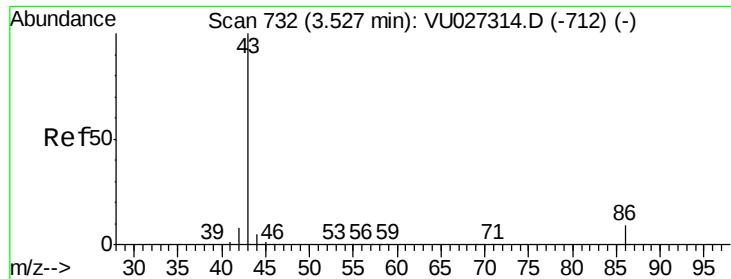
MMDadoda
10/8/2018 2:05:18 PM



#22
Diisopropyl ether
Concen: 17.278 ug/l
RT: 3.58 min Scan# 747
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.4	43.4	65.2
87	22.1	17.5	26.3
59	11.7	8.6	13.0





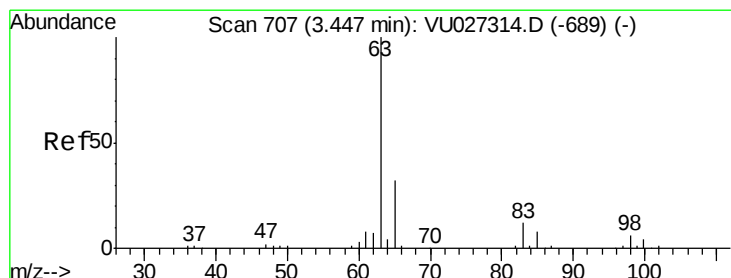
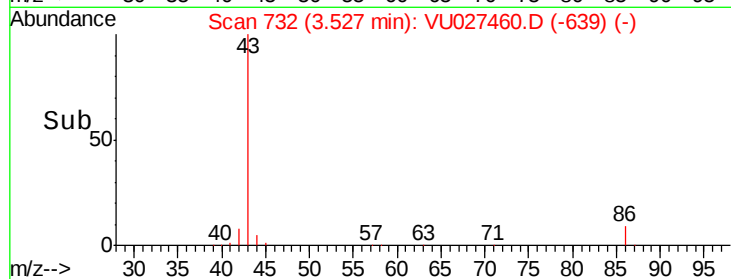
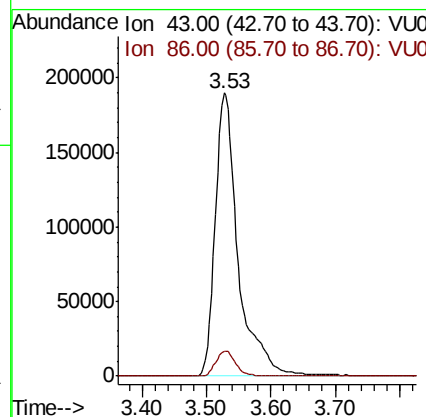
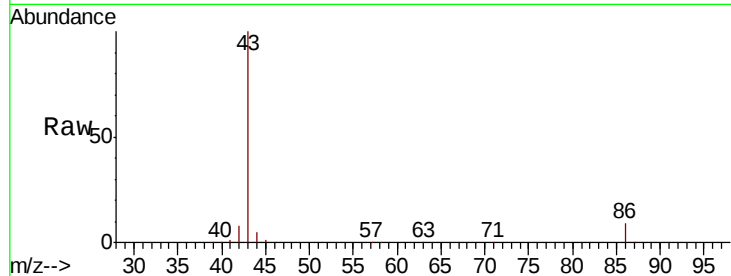
#23
 Vinyl Acetate
 Concen: 85.374 ug/l
 RT: 3.53 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

Tot Ion	43	86	Resp	Lower	Upper
43	100				
86	8.8		7.0	10.4	

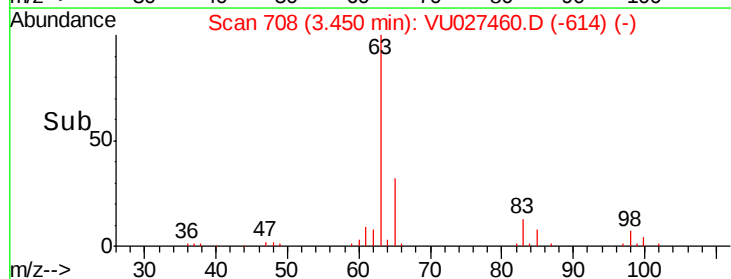
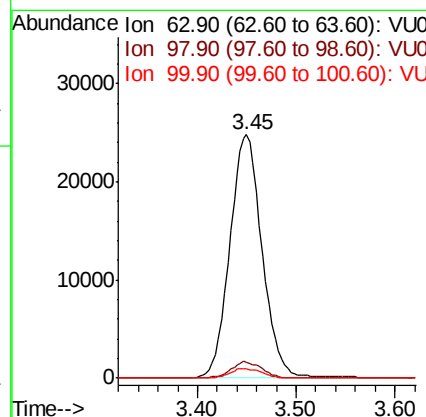
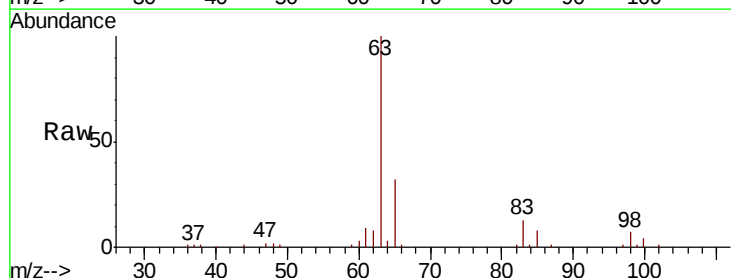
Manual Integrations
 APPROVED

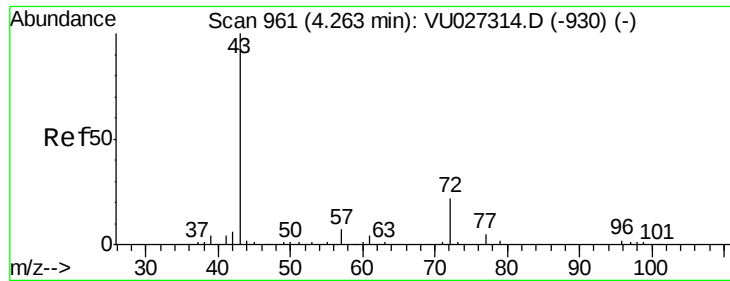
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 17.378 ug/l
 RT: 3.45 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Tgt Ion	63	98	100	Resp	Lower	Upper
63	100					
98	6.7			3.0	9.2	
100	3.6			1.8	5.5	





#25

2-Butanone

Concen: 87.331 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBS01

Tot Ion: 43 Resp: 145812

Ion Ratio Lower Upper

43 100

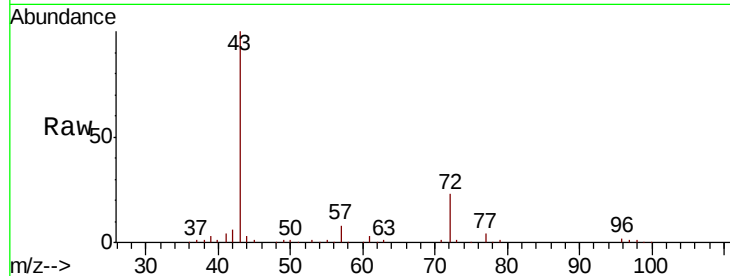
72 23.1 17.8 26.6

Manual Integrations

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MMDadoda

10/8/2018 2:05:18 PM



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-930) (-)

Ion 72.00 (71.70 to 72.70): VU027314.D (-930) (-)

60000

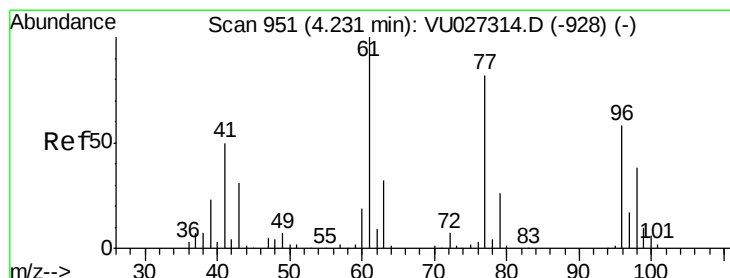
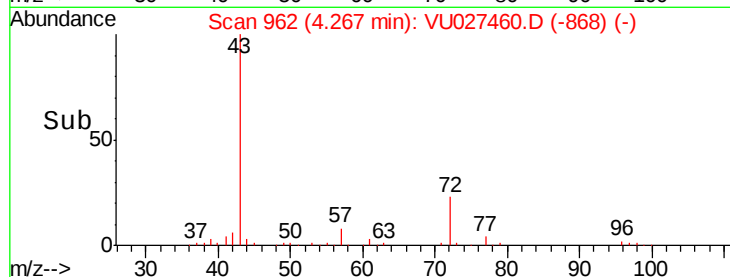
40000

20000

0

4.20 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 16.069 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027460.D

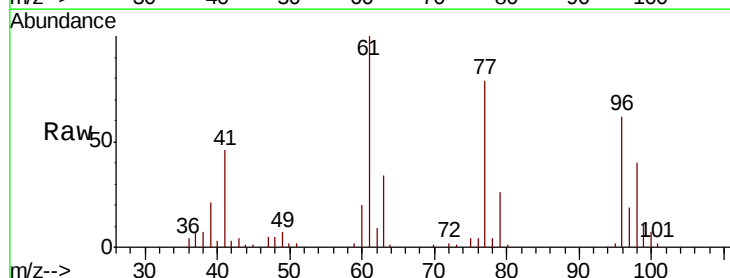
Acq: 05 Oct 2018 18:00

Tgt Ion: 77 Resp: 42953

Ion Ratio Lower Upper

77 100

97 21.9 10.4 31.1



Abundance Ion 76.90 (76.60 to 77.60): VU027314.D (-928) (-)

Ion 96.90 (96.60 to 97.60): VU027314.D (-928) (-)

15000

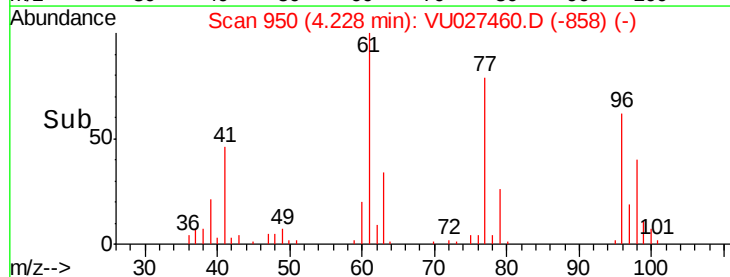
10000

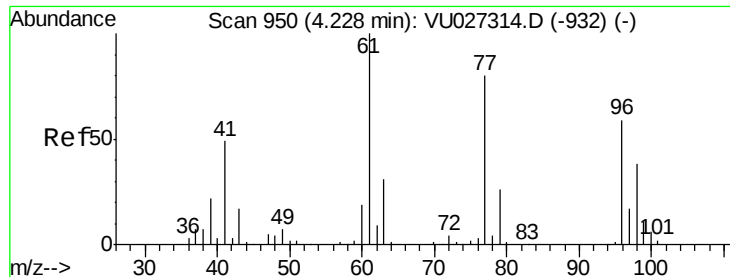
5000

0

4.15 4.20 4.25 4.30

Time-->





#27

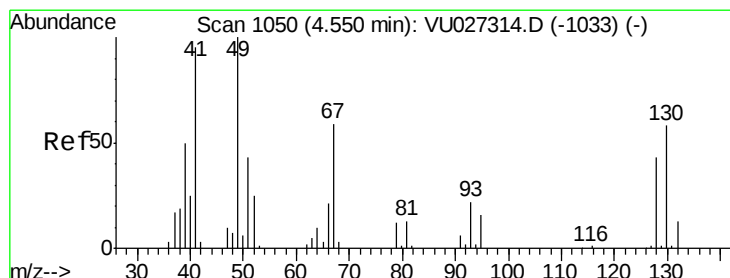
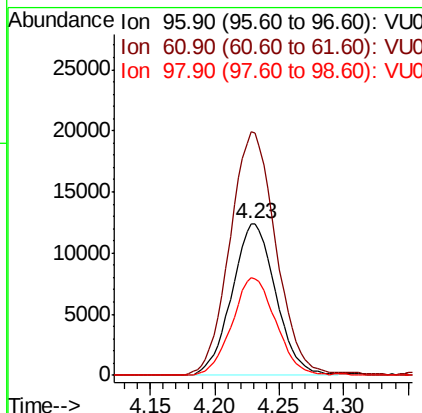
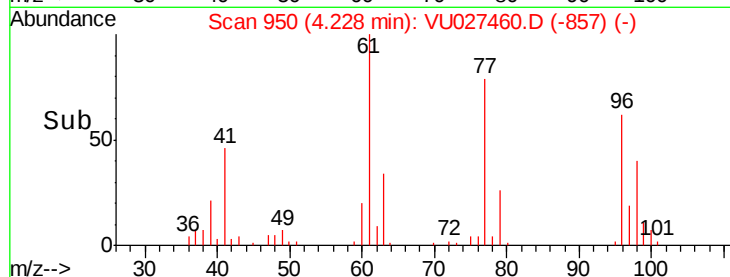
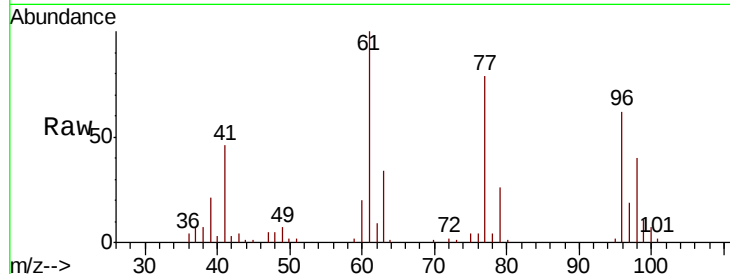
cis-1,2-Dichloroethene
Concen: 17.423 ug/l
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	168.0	0.0	343.8
98	64.0	0.0	129.0

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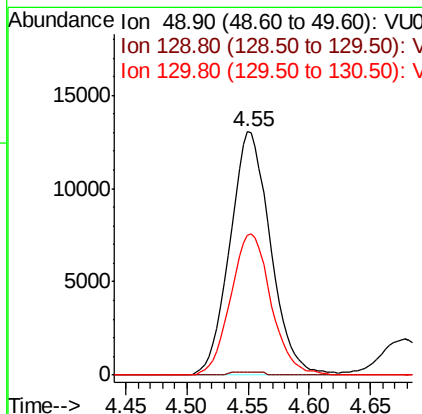
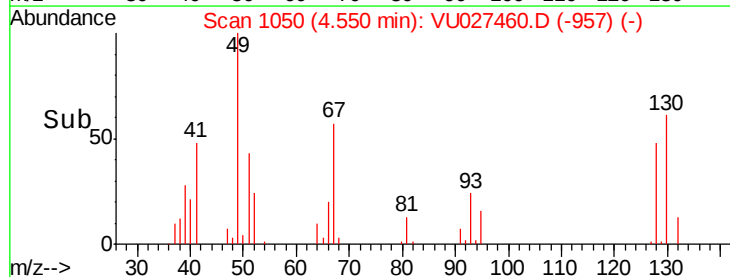
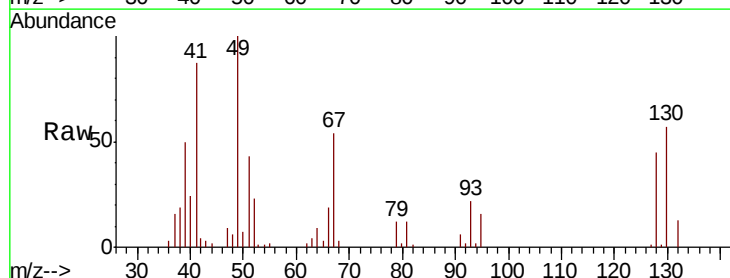
MMDadoda
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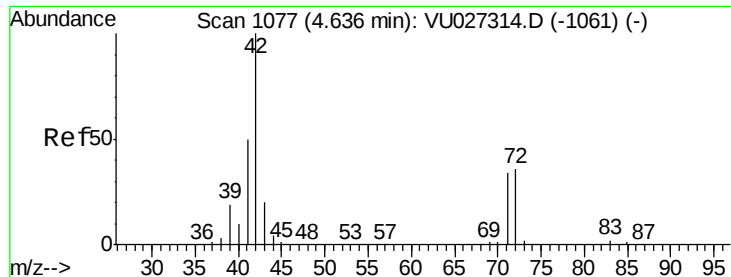


#28

Bromochloromethane
Concen: 19.158 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.0
130	57.6	46.1	69.1





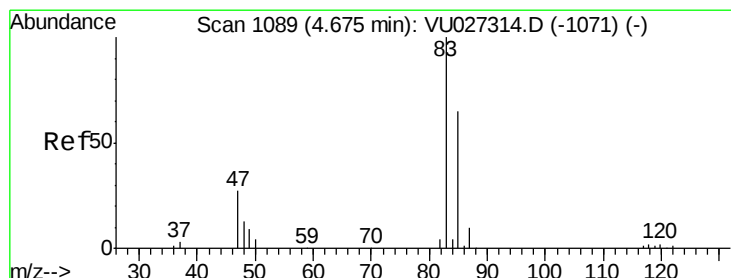
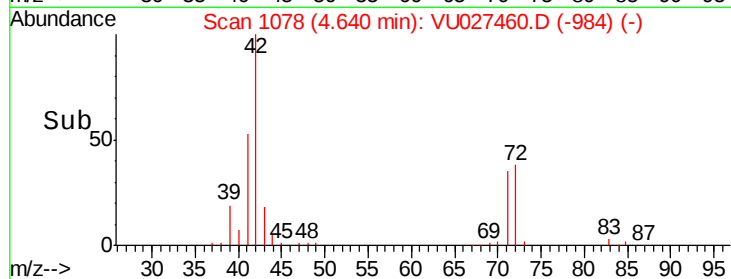
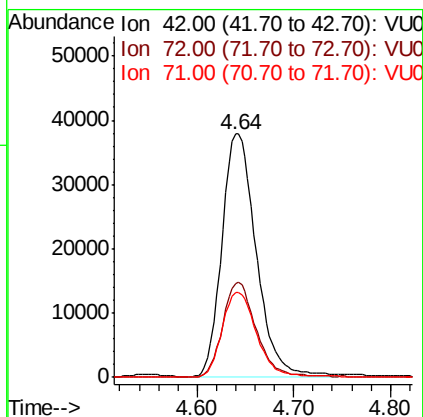
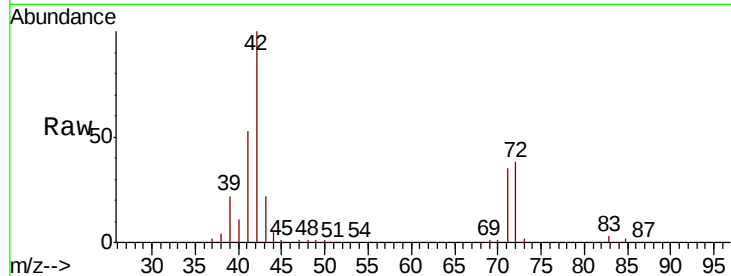
#29
Tetrahydrofuran
Concen: 89.381 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.1	30.1	45.1
71	34.8	27.7	41.5

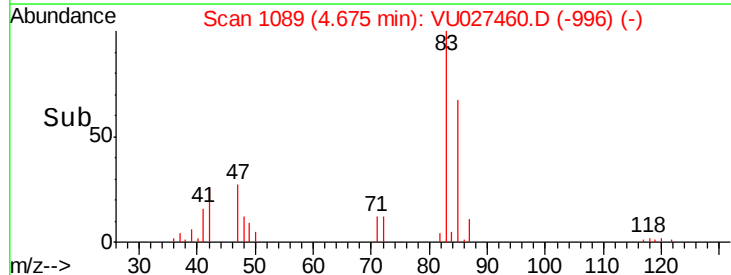
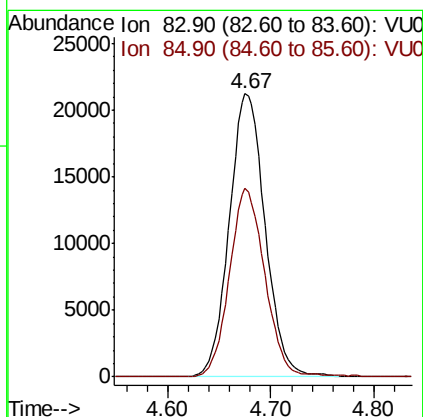
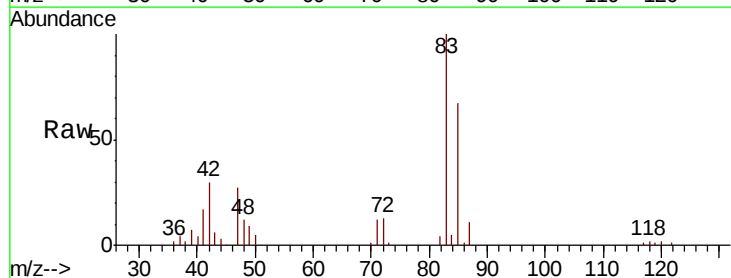
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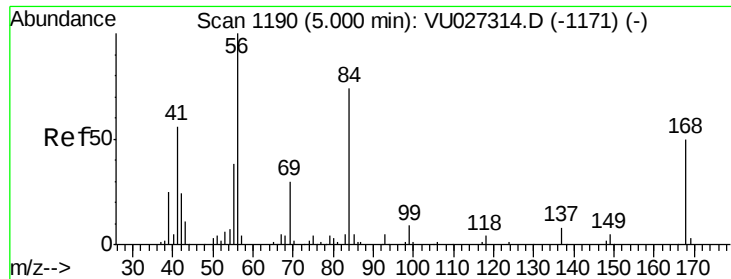
MMDadoda
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#30
Chloroform
Concen: 17.782 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.8	77.6





#31

Cyclohexane

Concen: 15.998 ug/l

RT: 5.00 min Scan# 1190

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

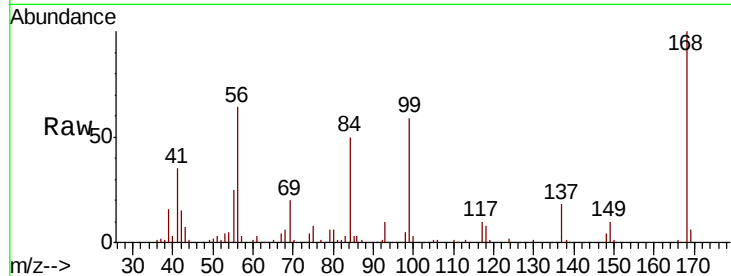
ClientSampleId :

VU1006WBS01

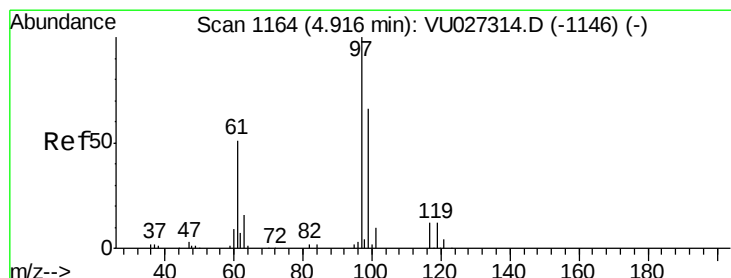
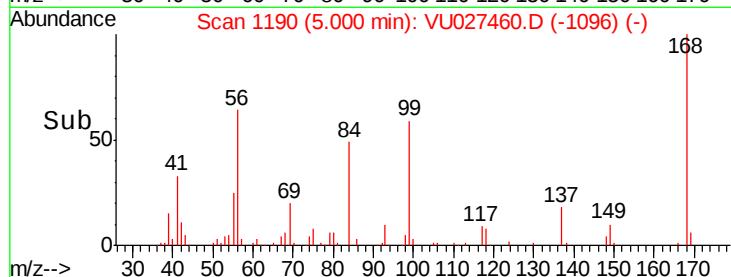
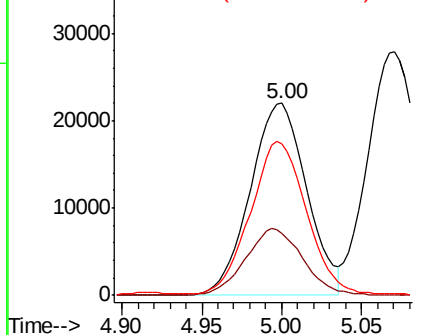
Tot Ion:	56	Resp:	53715
Ion Ratio	Lower	Upper	
56	100		
69	32.0	24.1	36.1
84	77.9	59.1	88.7

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



#32

1,1,1-Trichloroethane

Concen: 17.433 ug/l

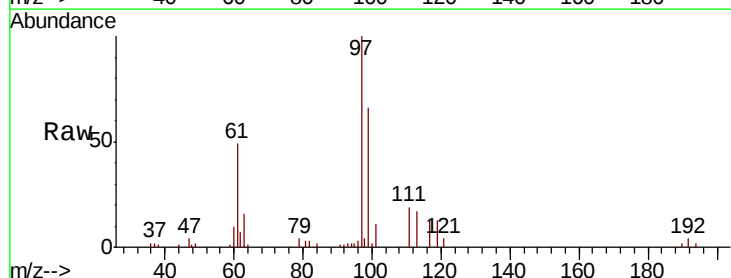
RT: 4.92 min Scan# 1165

Delta R.T. 0.00 min

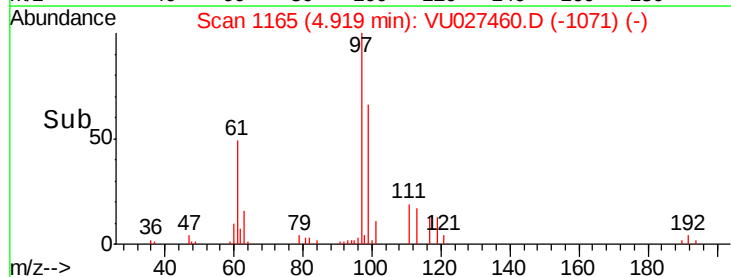
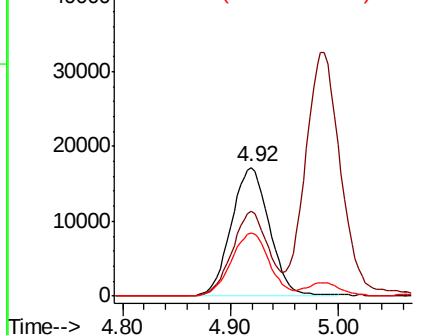
Lab File: VU027460.D

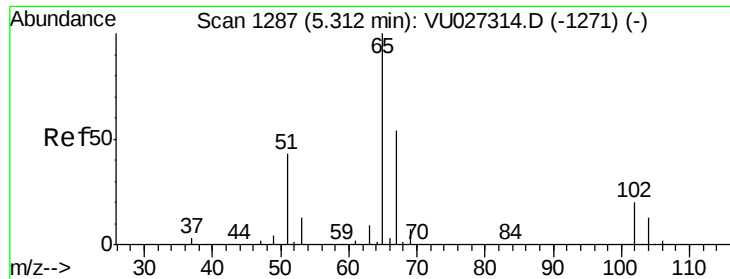
Acq: 05 Oct 2018 18:00

Tgt Ion:	97	Resp:	42435
Ion Ratio	Lower	Upper	
97	100		
99	62.2	51.1	76.7
61	48.9	39.6	59.4



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





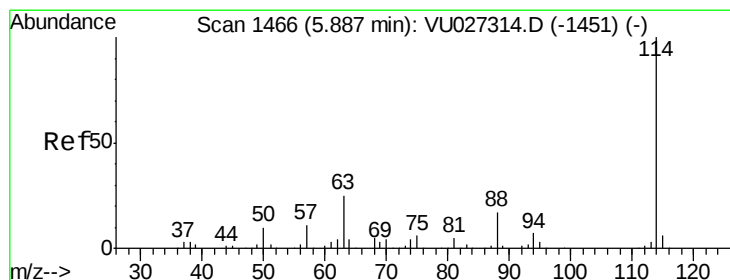
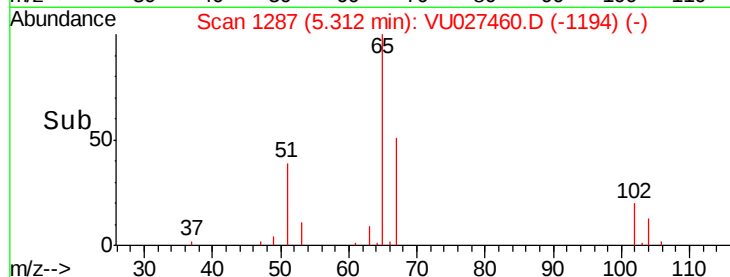
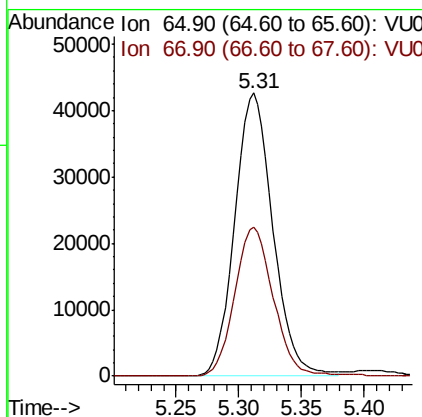
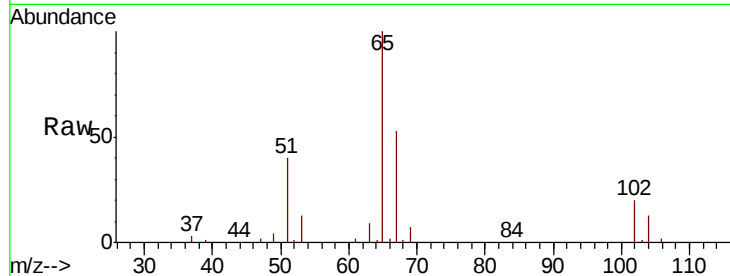
#33
 1,2-Dichloroethane-d4
 Concen: 43.568 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.8

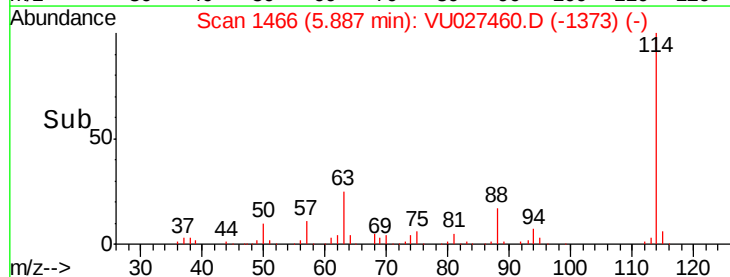
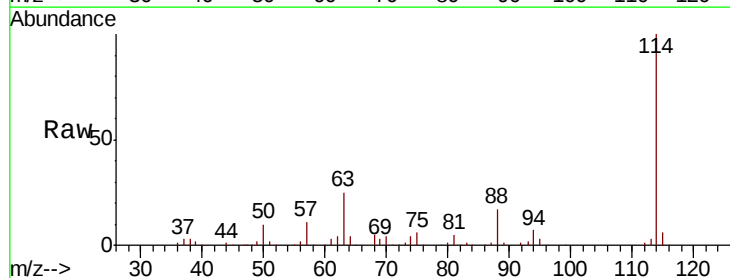
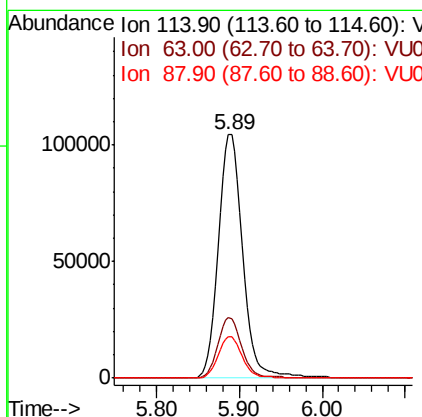
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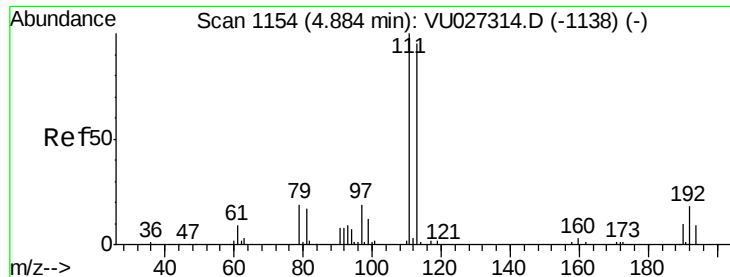
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	50.2
88	17.1	0.0	33.8





#35

Dibromofluoromethane

Concen: 45.062 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

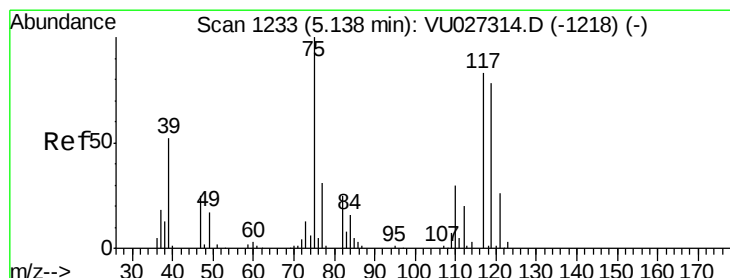
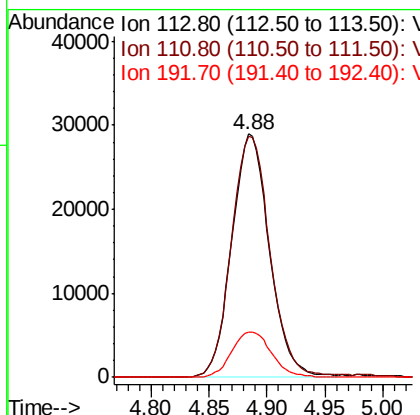
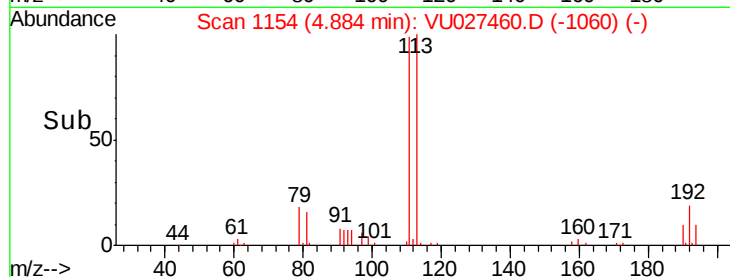
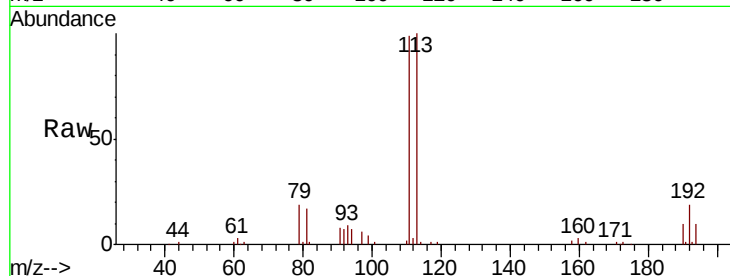
ClientSampleId :

VU1006WBS01

Tot Ion:	113	Resp:	65549
Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.1	124.7
192	19.6	15.4	23.0

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#36

1,1-Dichloropropene

Concen: 17.123 ug/l

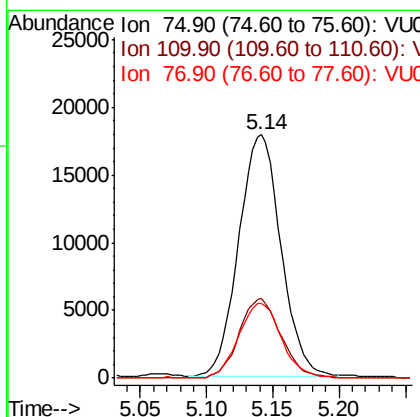
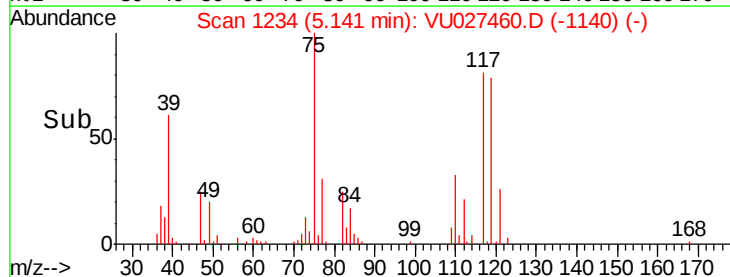
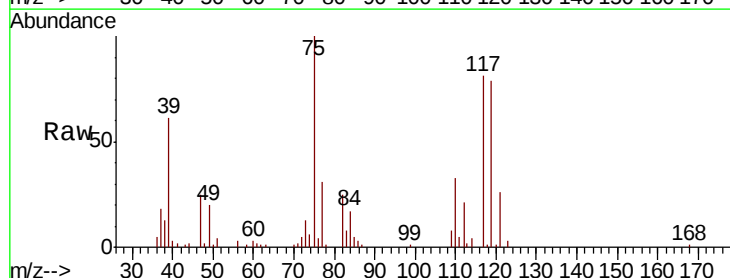
RT: 5.14 min Scan# 1234

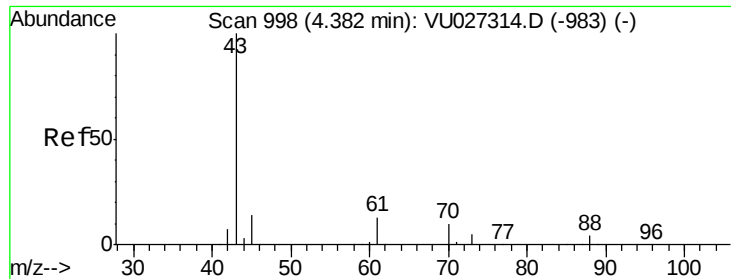
Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Tgt Ion:	75	Resp:	39461
Ion	Ratio	Lower	Upper
75	100		
110	32.5	15.5	46.5
77	31.2	25.4	38.0





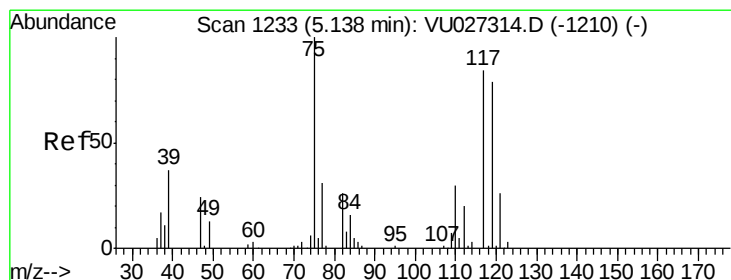
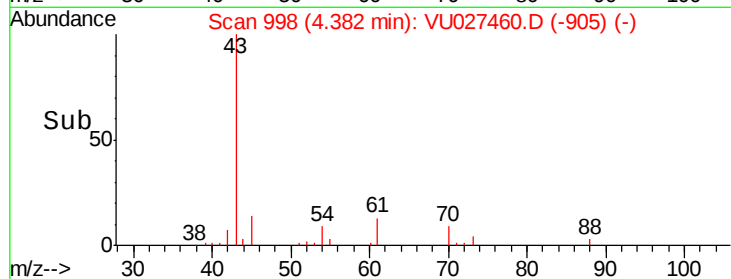
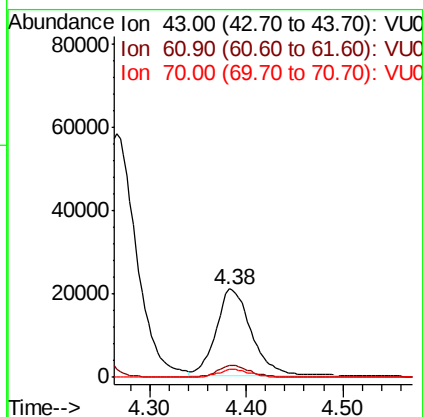
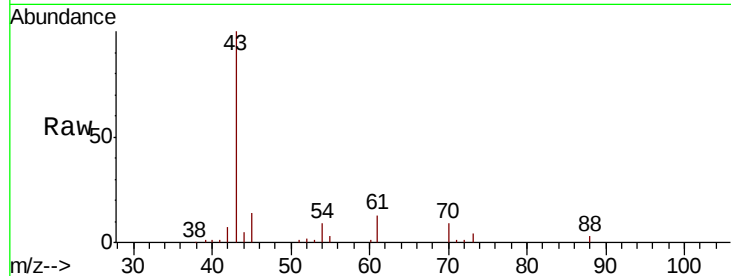
#37
Ethyl Acetate
Concen: 17.854 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.7	16.1
70	8.6	7.4	11.2

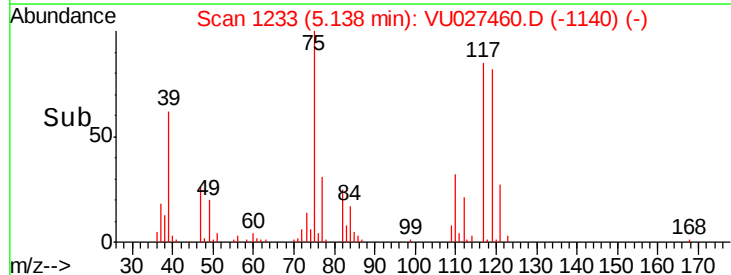
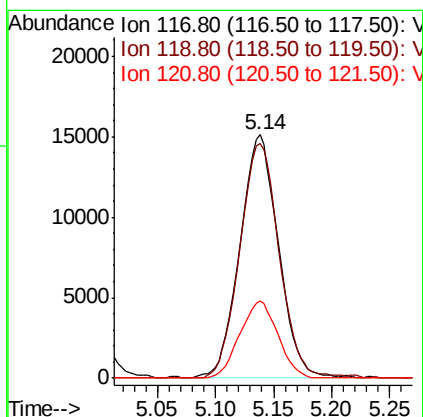
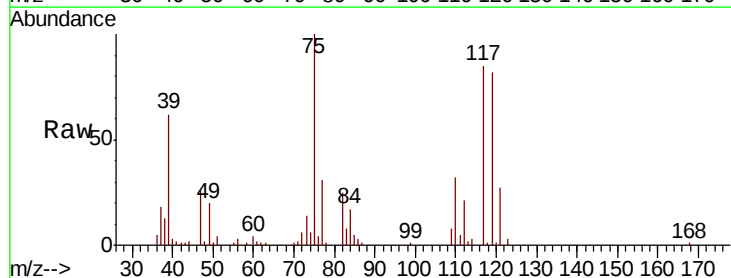
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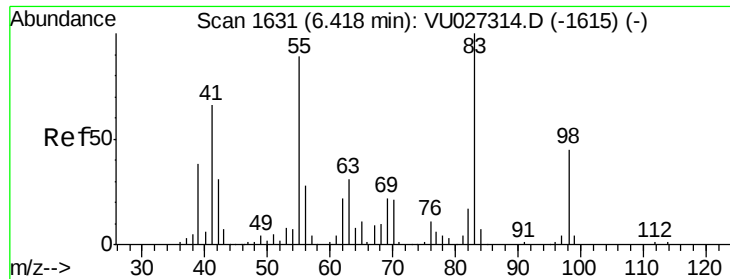
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#38
Carbon Tetrachloride
Concen: 16.793 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	74.5	111.7
121	31.5	24.6	37.0





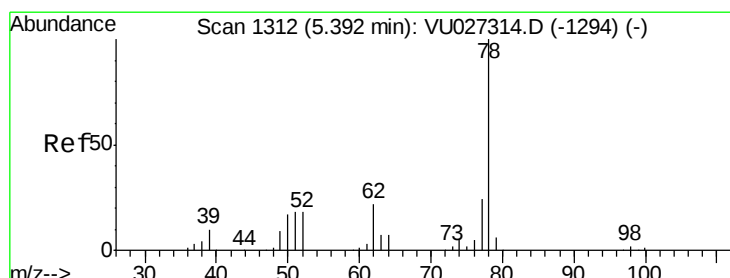
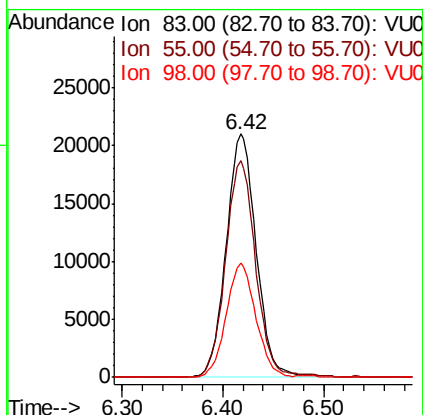
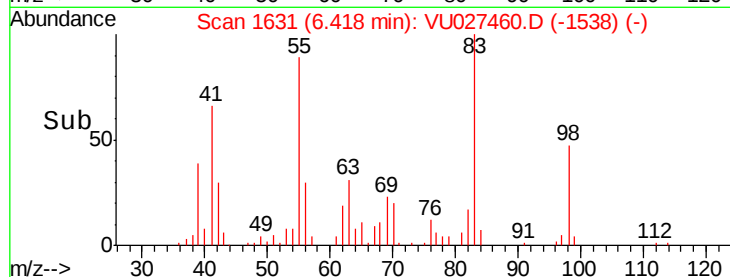
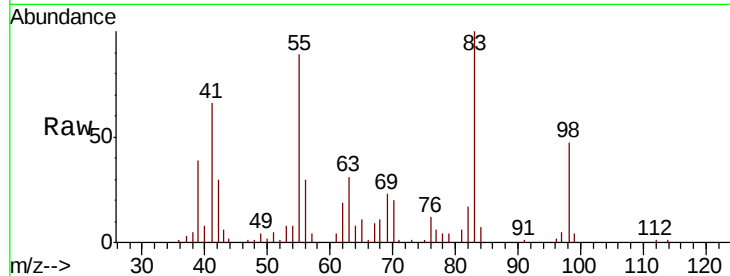
#39
Methvlcvclohexane
Concen: 16.190 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	88.9	71.1	106.7
98	46.9	36.3	54.5

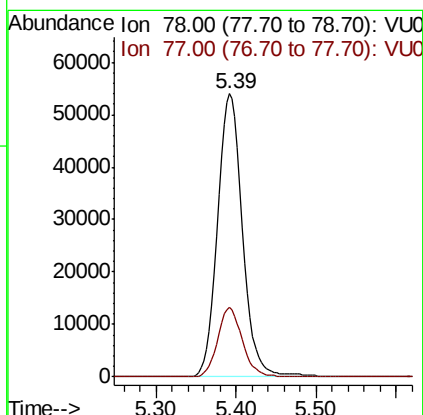
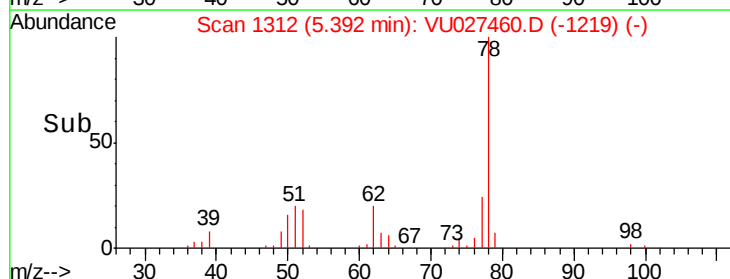
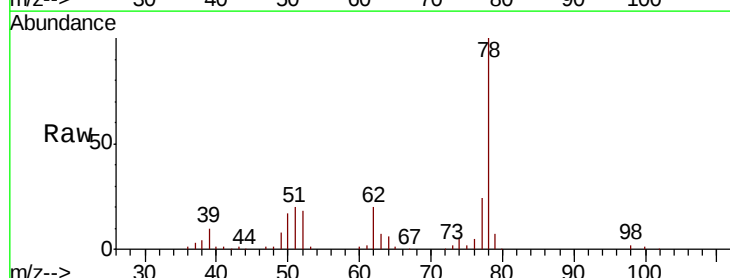
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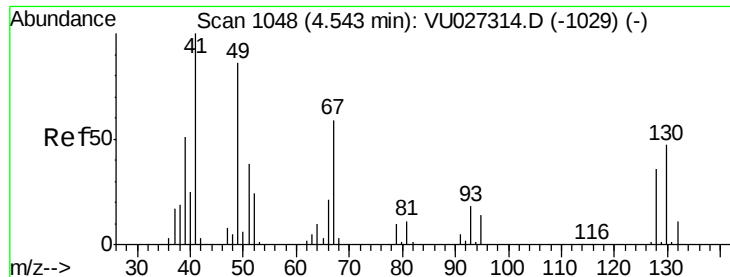
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#40
Benzene
Concen: 17.460 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.3	28.9





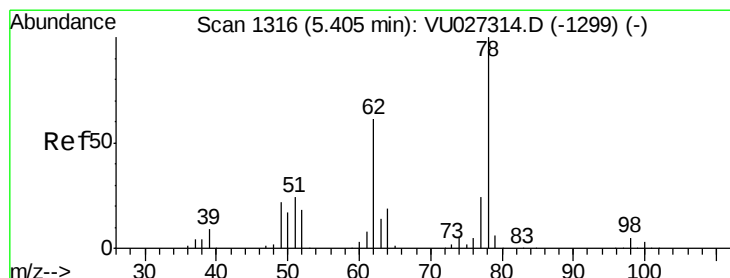
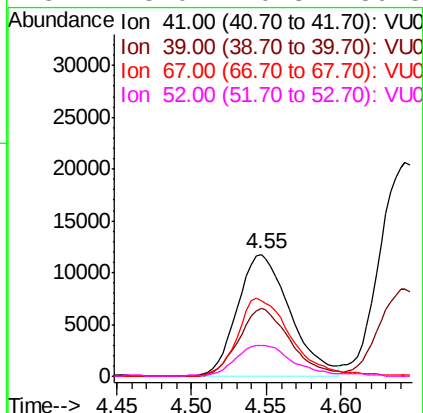
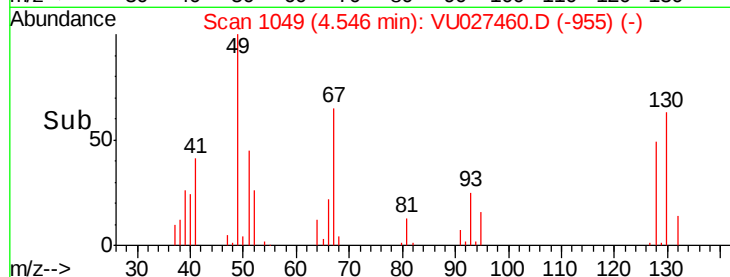
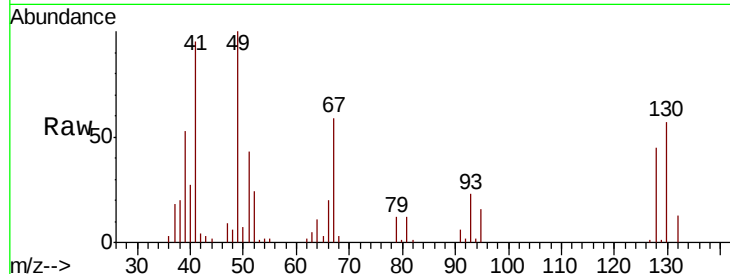
#41
Methacrylonitrile
Concen: 17.152 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.2	41.1	61.7	
67	65.3	50.4	75.6	
52	28.0	20.3	30.5	

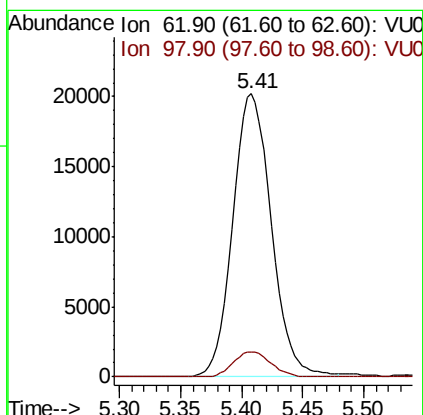
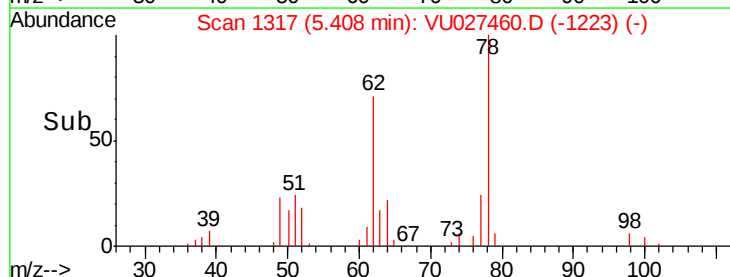
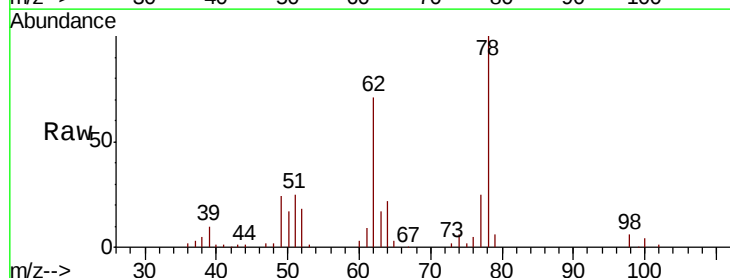
Manual Integrations
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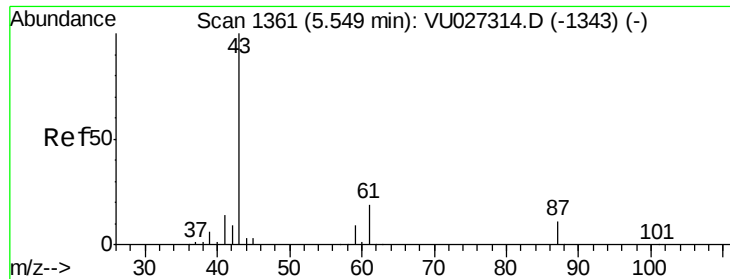
MMDadoda
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#42
1,2-Dichloroethane
Concen: 17.756 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	16.8	





#43

Isopropyl Acetate

Concen: 17.663 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

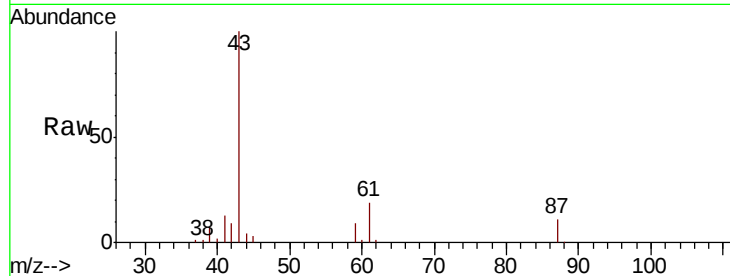
ClientSampleId :

VU1006WBS01

Tot Ion:	43	Resp:	81706
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.3	22.9
87	10.4	8.6	13.0

Manual Integrations
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MMDadoda
10/8/2018 2:05:18 PM

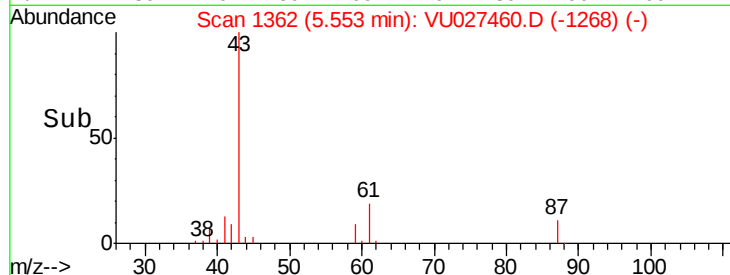


Abundance Ion 43.00 (42.70 to 43.70): VU027460.D (-1343) (-)

Ion 61.00 (60.70 to 61.70): VU027460.D (-1343) (-)

Ion 87.00 (86.70 to 87.70): VU027460.D (-1343) (-)

Time-->



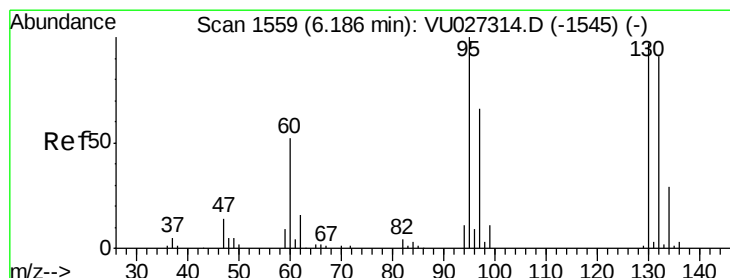
Abundance

Ion 43.00 (42.70 to 43.70): VU027460.D (-1268) (-)

Ion 61.00 (60.70 to 61.70): VU027460.D (-1268) (-)

Ion 87.00 (86.70 to 87.70): VU027460.D (-1268) (-)

Time-->



#44

Trichloroethene

Concen: 17.331 ug/l

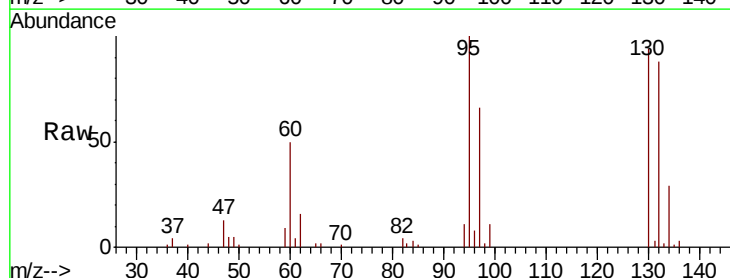
RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

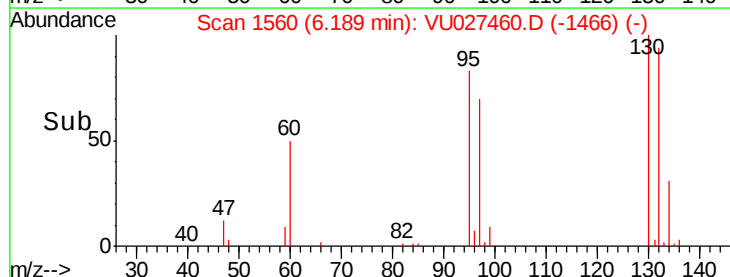
Tgt Ion:	130	Resp:	25942
Ion	Ratio	Lower	Upper
130	100		
95	106.5	0.0	207.0



Abundance Ion 129.80 (129.50 to 130.50): VU027460.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU027460.D (-1545) (-)

Time-->

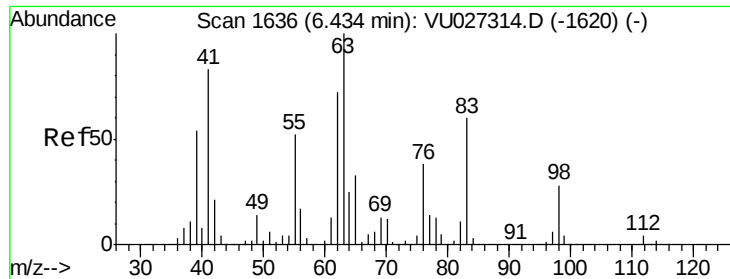


Abundance

Ion 129.80 (129.50 to 130.50): VU027460.D (-1466) (-)

Ion 94.90 (94.60 to 95.60): VU027460.D (-1466) (-)

Time-->



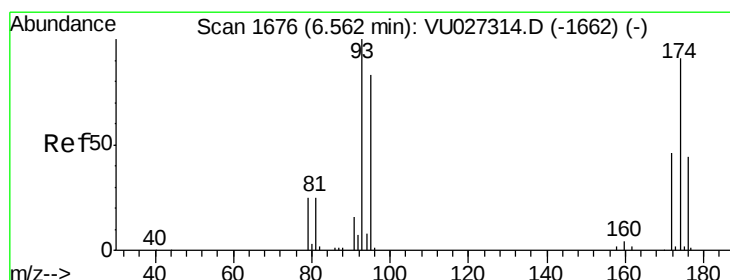
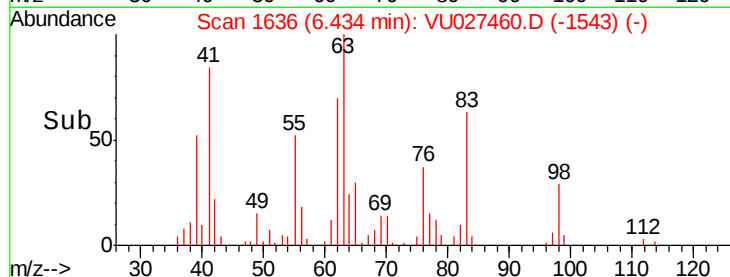
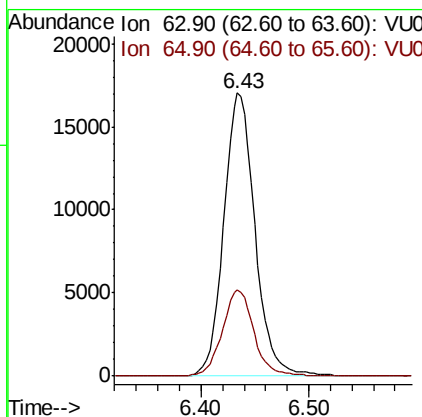
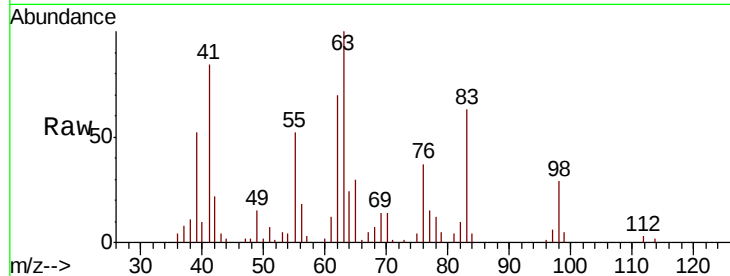
#45
 1,2-Dichloropropane
 Concen: 17.677 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

Tot Ion: 63 Resp: 34227
 Ion Ratio Lower Upper
 63 100
 65 30.4 26.0 39.0

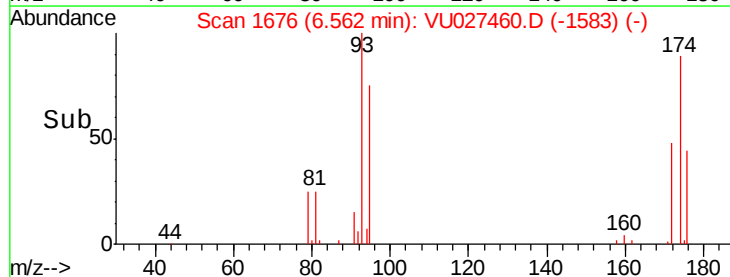
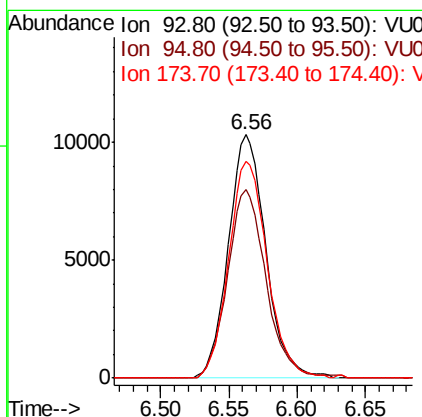
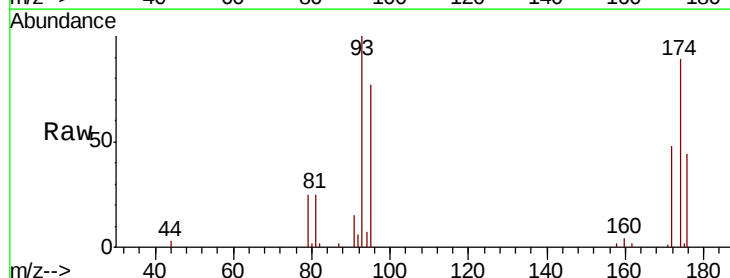
Manual Integrations
 APPROVED

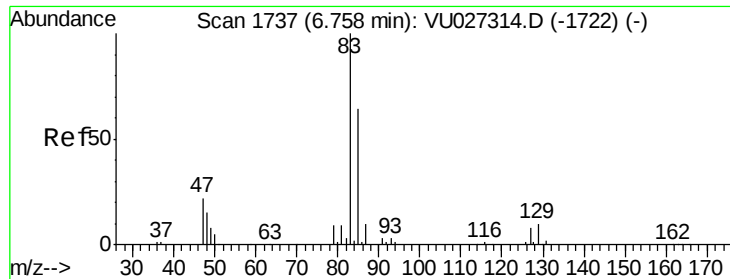
MMDadoda
 10/8/2018 2:05:18 PM



#46
 Dibromomethane
 Concen: 18.020 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Tgt Ion: 93 Resp: 19706
 Ion Ratio Lower Upper
 93 100
 95 79.2 66.5 99.7
 174 91.6 72.5 108.7





#47

Bromodichloromethane

Concen: 17.407 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

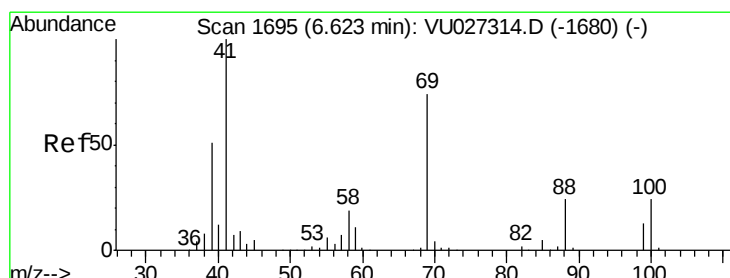
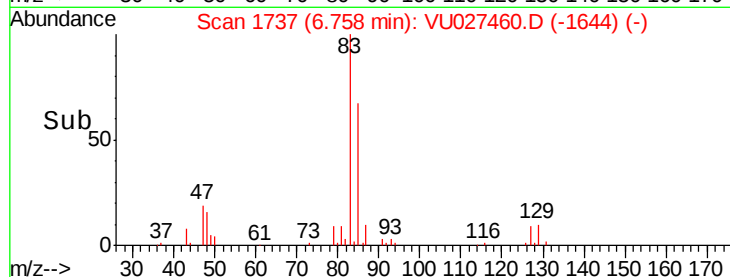
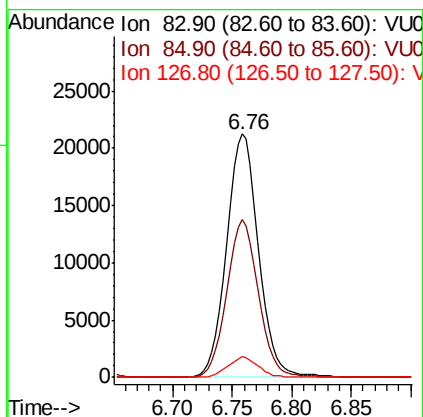
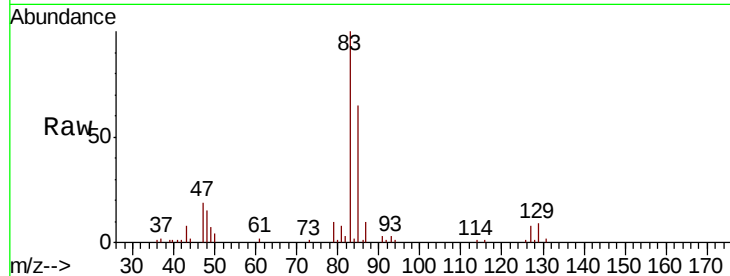
ClientSampleId :

VU1006WBS01

Tot Ion:	83	Resp:	39499
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.4	77.0
127	8.4	6.3	9.5

Manual Integrations
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MMDadoda
10/8/2018 2:05:18 PM



#48

Methyl methacrylate

Concen: 17.408 ug/l

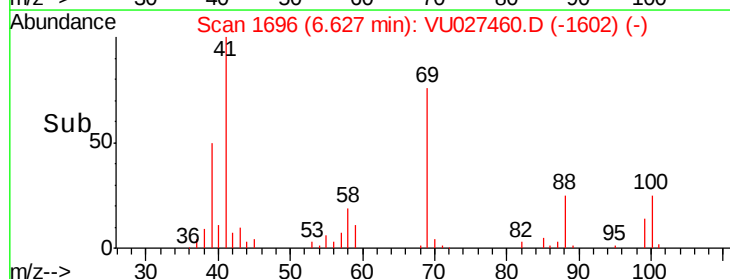
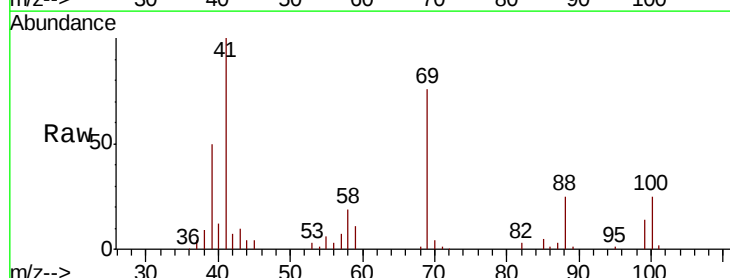
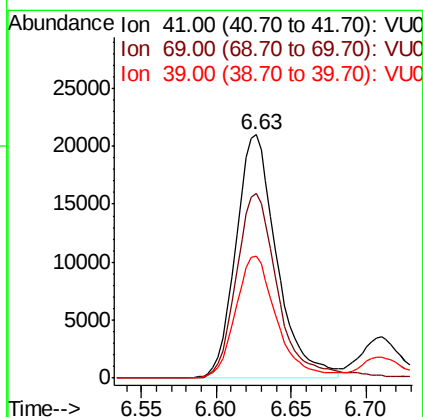
RT: 6.63 min Scan# 1696

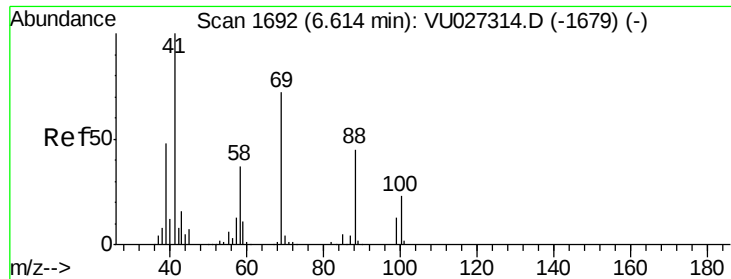
Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Tgt Ion:	41	Resp:	40046
Ion	Ratio	Lower	Upper
41	100		
69	77.4	61.0	91.4
39	49.4	39.9	59.9





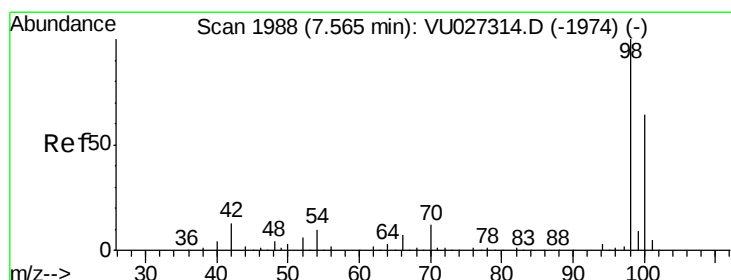
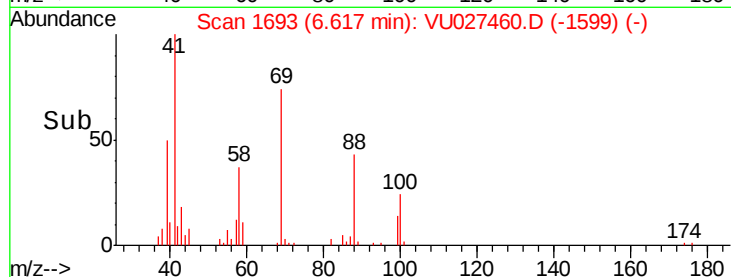
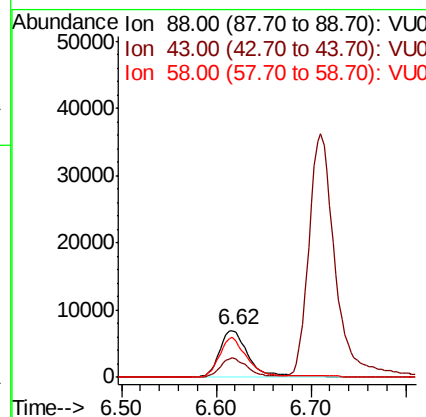
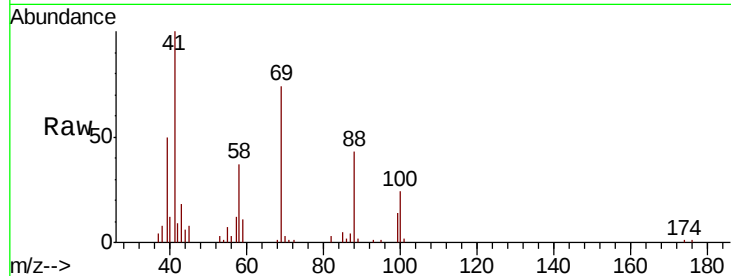
#49
1,4-Dioxane
Concen: 380.750 ug/l
RT: 6.62 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.6	30.8	46.2
58	78.6	67.0	100.6

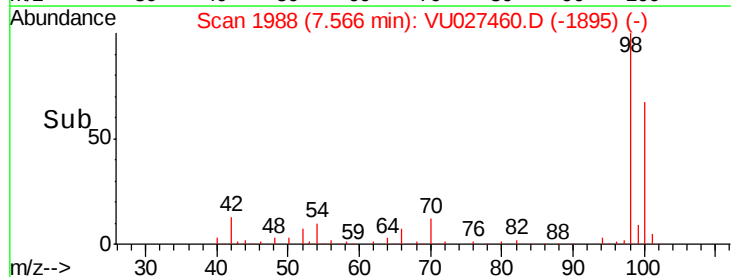
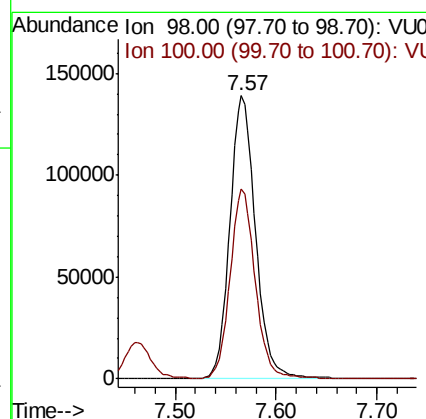
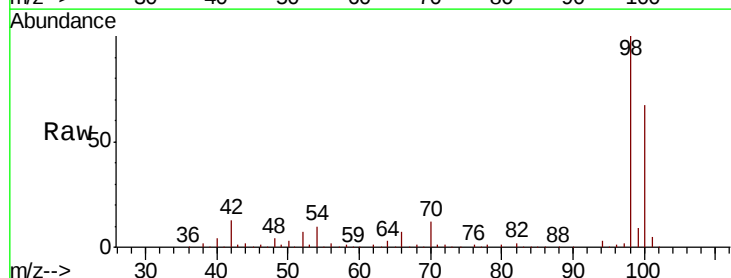
Manual Integrations
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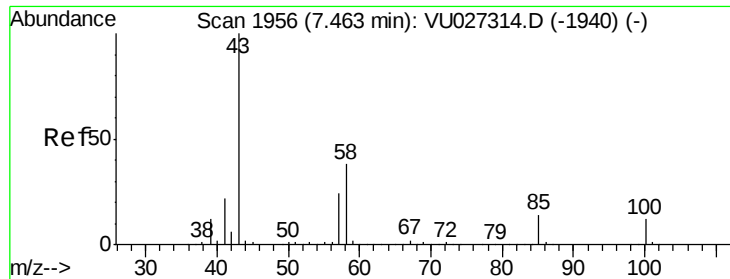
MMDadoda
10/8/2018 2:05:18 PM



#50
Toluene-d8
Concen: 45.509 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 88.010 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBS01

Tot Ion: 43 Resp: 264552

Ion Ratio Lower Upper

43 100

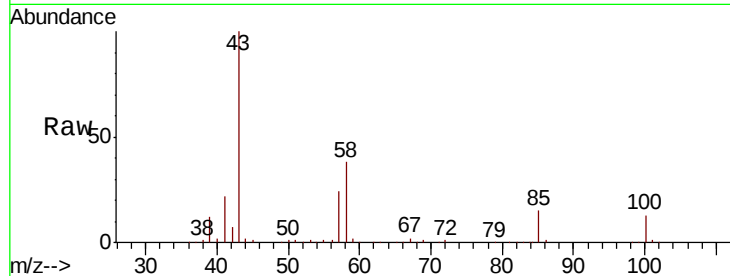
58 37.6 29.8 44.8

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VU027460.D (-1863) (-)

Ion 58.00 (57.70 to 58.70): VU027460.D (-1863) (-)

7.46

150000

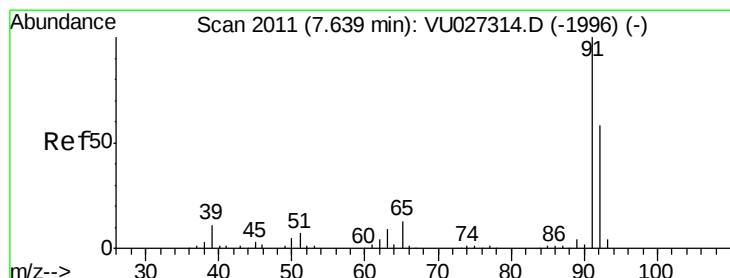
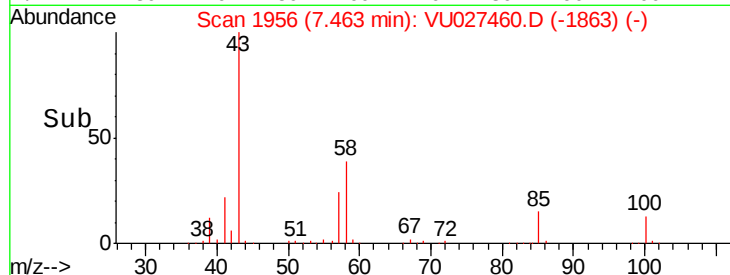
100000

50000

0

7.40 7.50

Time-->



#52

Toluene

Concen: 17.434 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027460.D

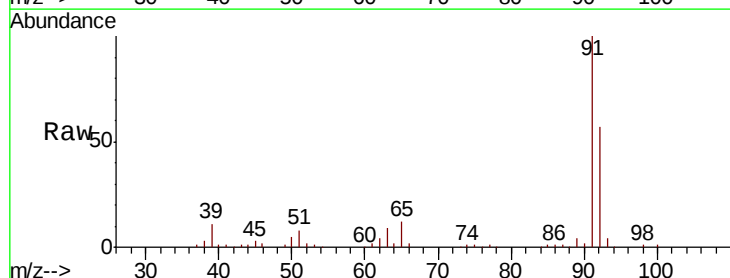
Acq: 05 Oct 2018 18:00

Tgt Ion: 92 Resp: 69270

Ion Ratio Lower Upper

92 100

91 172.1 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU027460.D (-1918) (-)

Ion 91.00 (90.70 to 91.70): VU027460.D (-1918) (-)

7.64

80000

60000

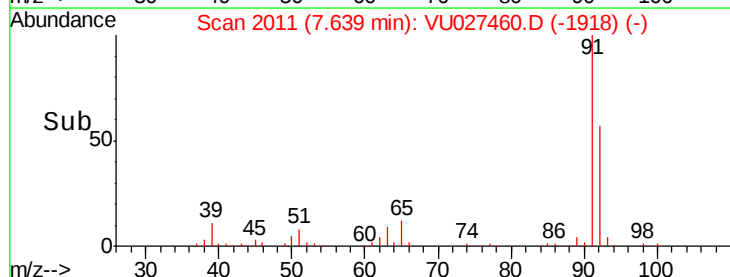
40000

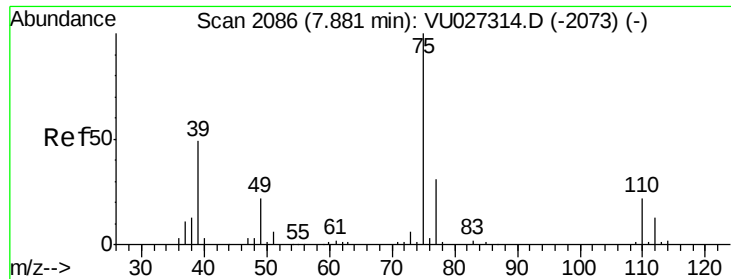
20000

0

7.60 7.70 7.80

Time-->





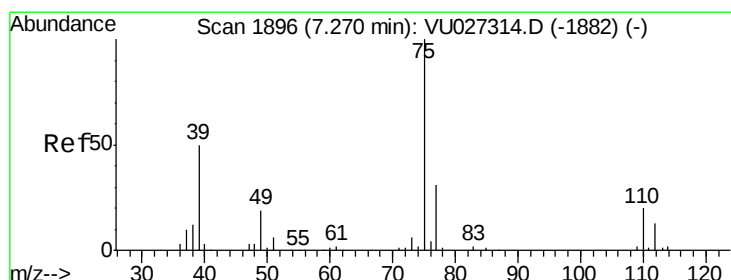
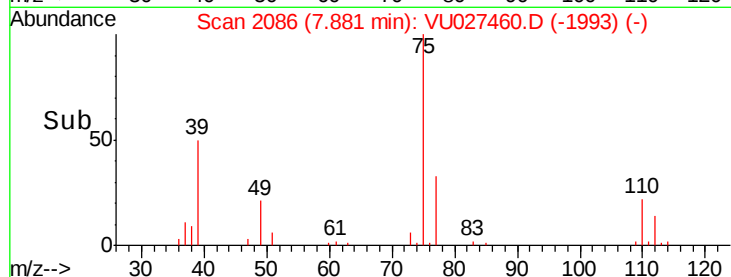
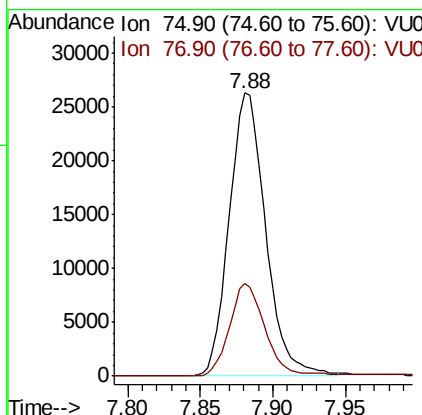
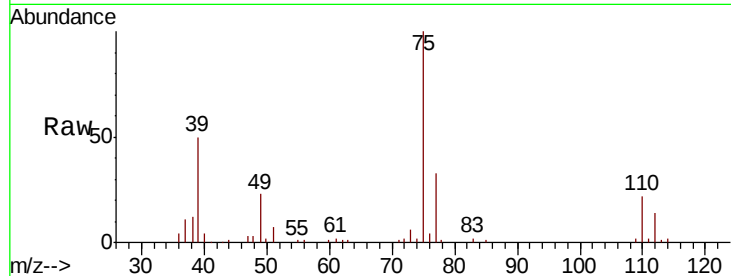
#53
t-1,3-Dichloropropene
Concen: 17.260 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tot Ion: 75 Resp: 45921
Ion Ratio Lower Upper
75 100
77 32.7 25.0 37.6

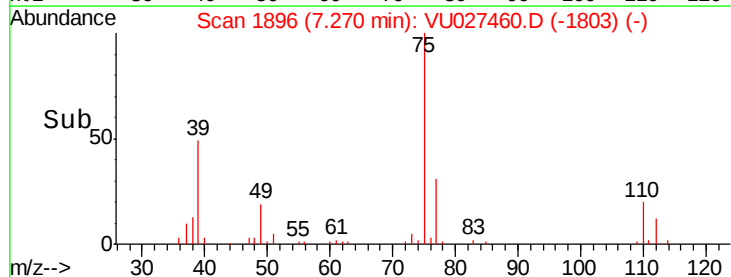
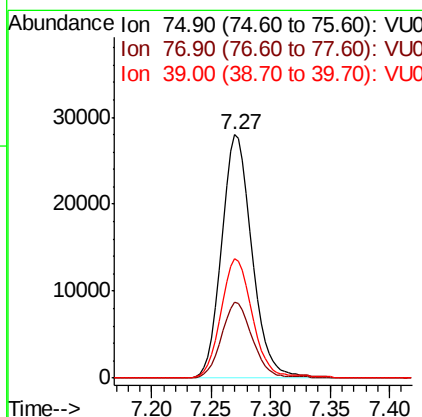
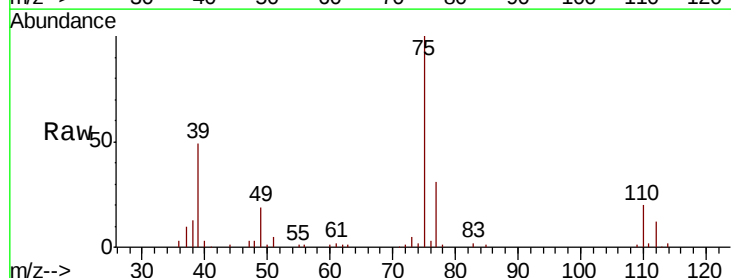
Manual Integrations
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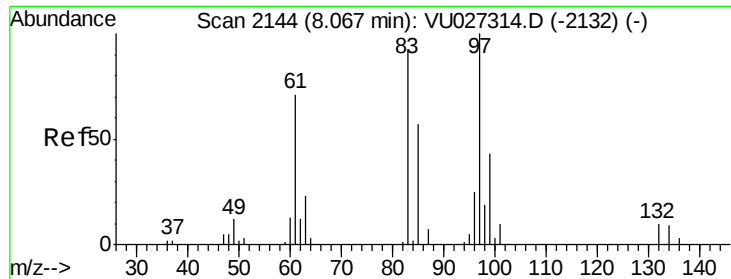
MMDadoda
10/8/2018 2:05:18 PM



#54
cis-1,3-Dichloropropene
Concen: 17.359 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion: 75 Resp: 49650
Ion Ratio Lower Upper
75 100
77 31.0 24.5 36.7
39 49.0 40.1 60.1





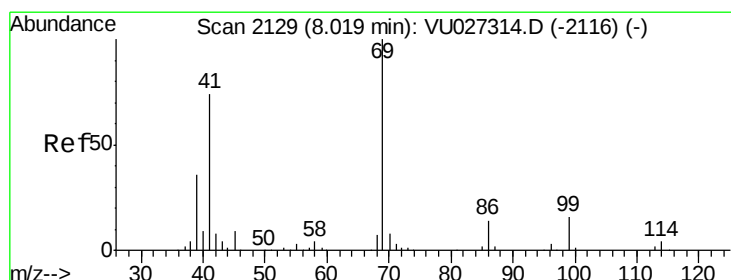
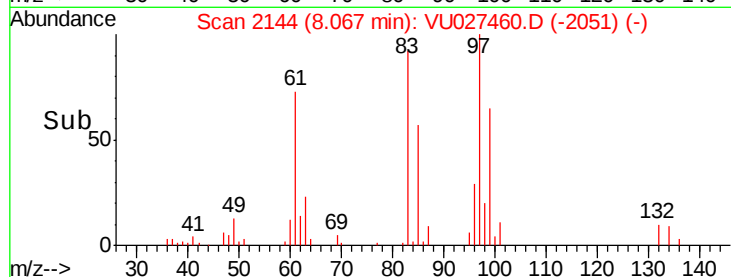
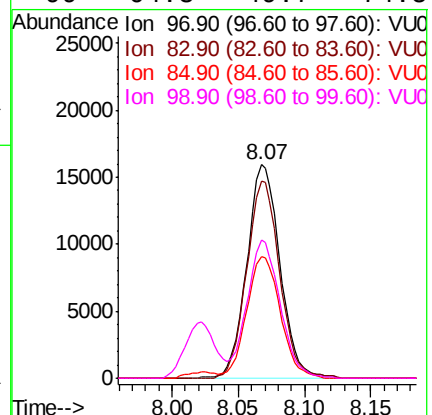
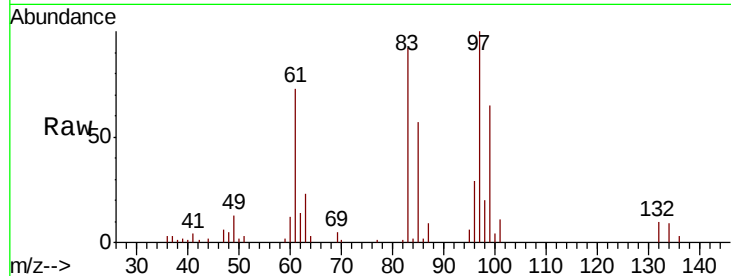
#55
 1,1,2-Trichloroethane
 Concen: 17.659 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

Tot Ion:	97	Resp:	27819
Ion	Ratio	Lower	Upper
97	100		
83	92.3	73.0	109.6
85	57.1	47.3	70.9
99	64.8	49.7	74.5

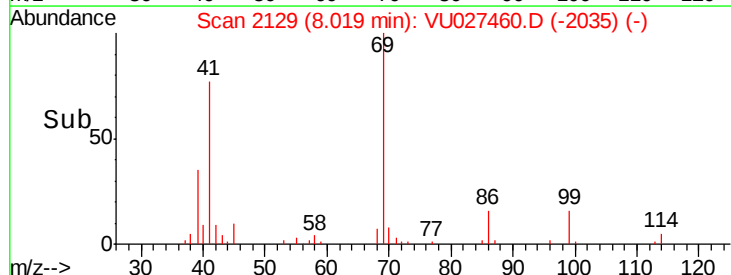
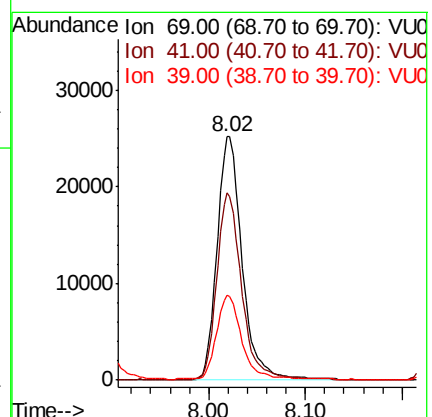
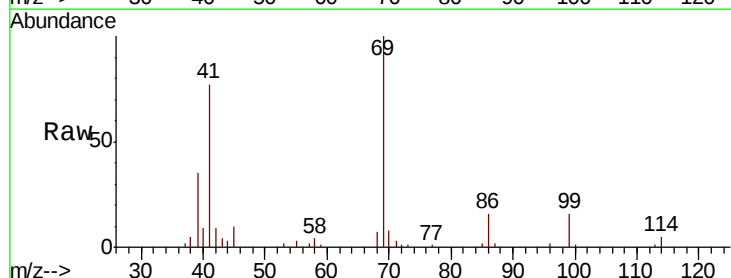
Manual Integrations
 APPROVED

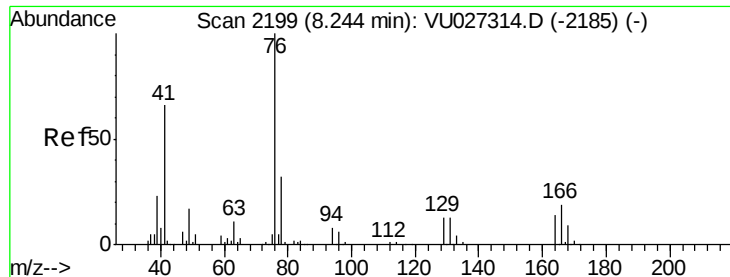
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#56
 Ethyl methacrylate
 Concen: 16.659 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Tgt Ion:	69	Resp:	45470
Ion	Ratio	Lower	Upper
69	100		
41	76.7	60.0	90.0
39	33.4	29.5	44.3





#57

1,3-Dichloropropane

Concen: 17.367 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBS01

Tot Ion: 76 Resp: 53114

Ion Ratio Lower Upper

76 100

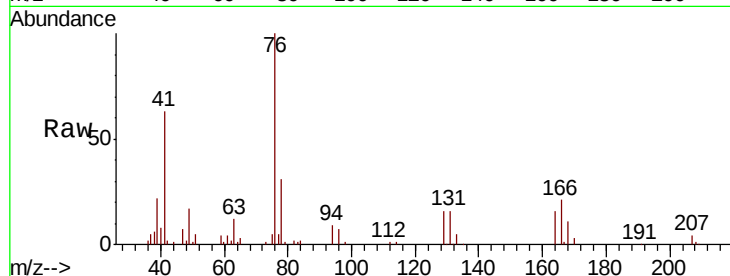
78 31.8 25.8 38.6

Manual Integrations

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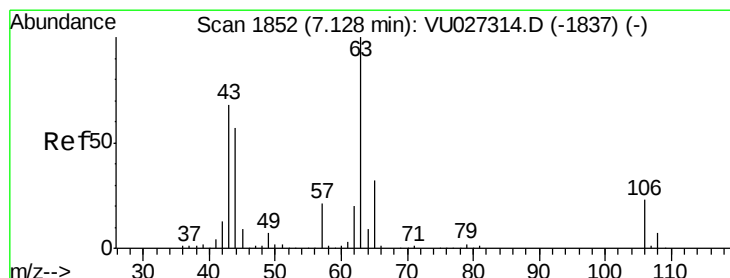
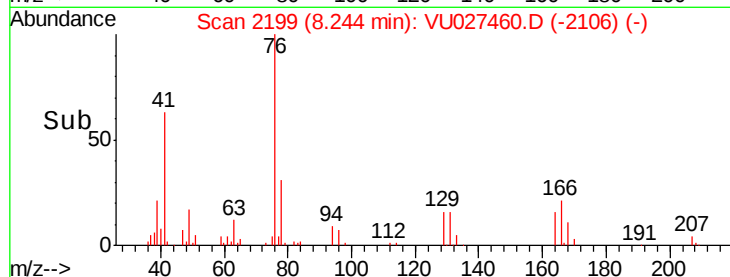
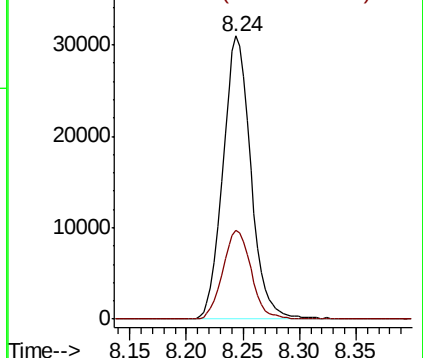
MMDadoda

10/8/2018 2:05:18 PM



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 92.862 ug/l

RT: 7.13 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VU027460.D

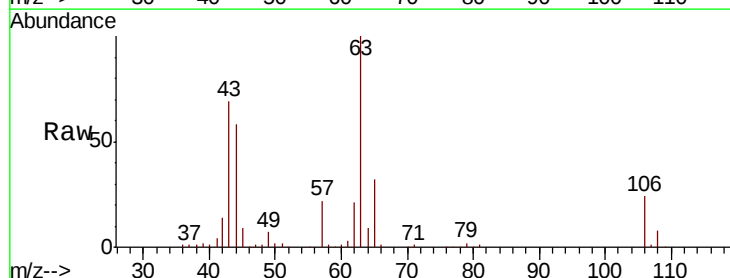
Acq: 05 Oct 2018 18:00

Tgt Ion: 63 Resp: 144986

Ion Ratio Lower Upper

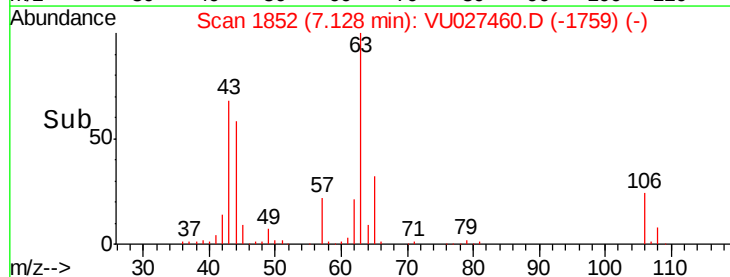
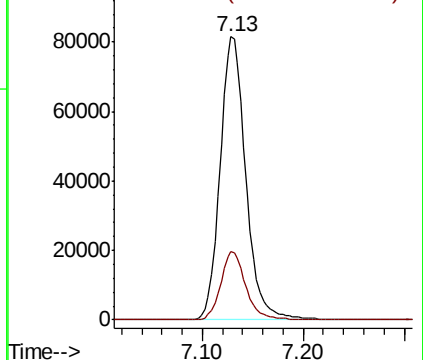
63 100

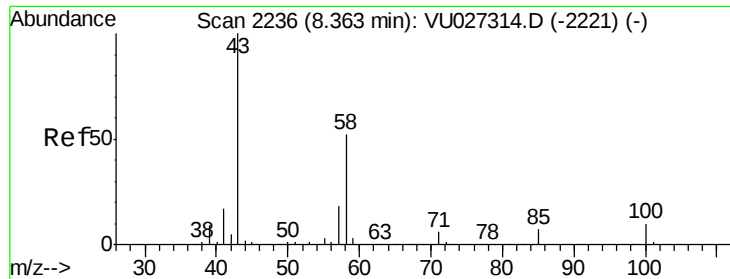
106 23.6 18.5 27.7



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V





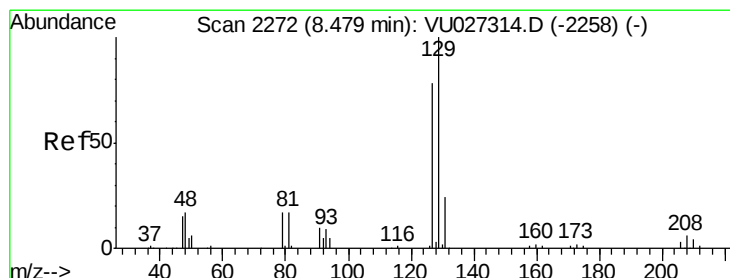
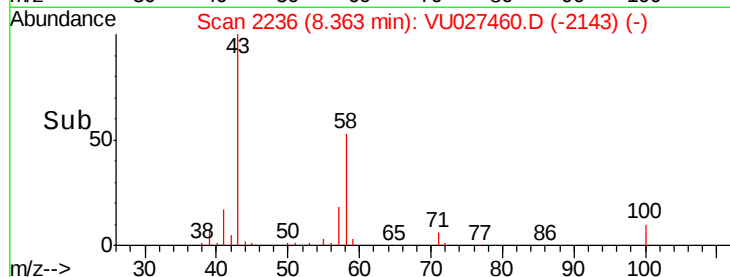
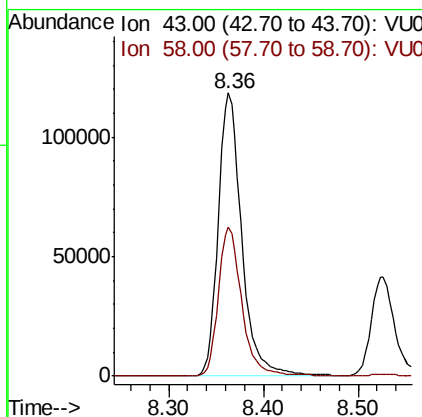
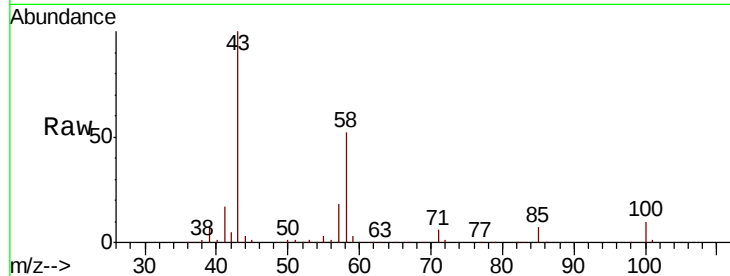
#59
2-Hexanone
Concen: 87.980 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tot Ion: 43 Resp: 205149
Ion Ratio Lower Upper
43 100
58 52.1 26.1 78.3

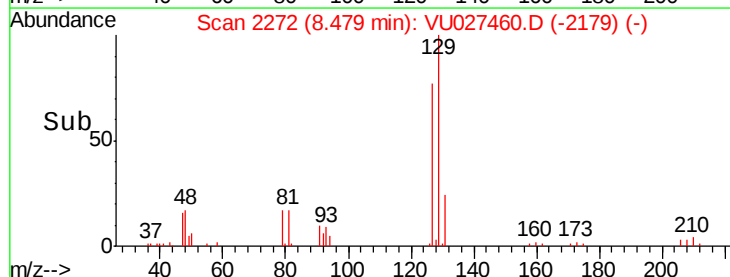
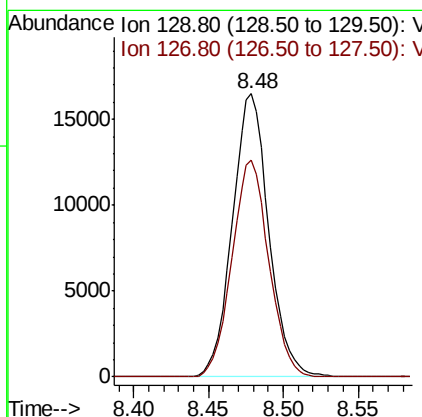
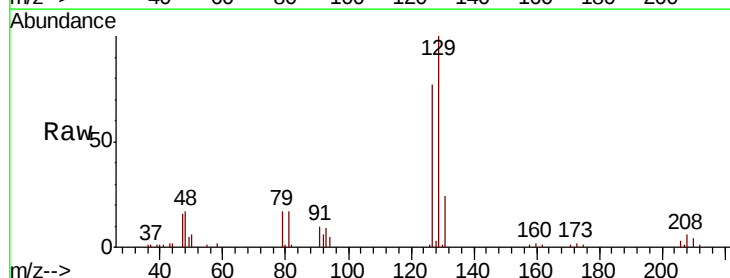
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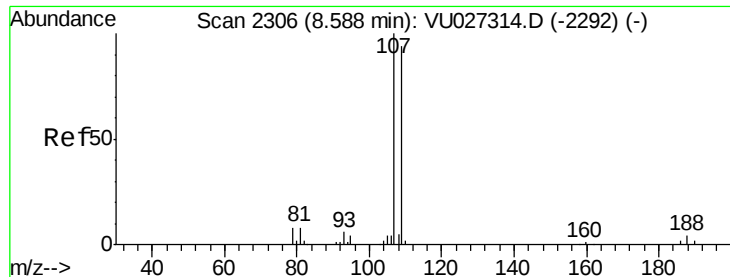
MMDadoda
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#60
Dibromochloromethane
Concen: 17.674 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion: 129 Resp: 27925
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





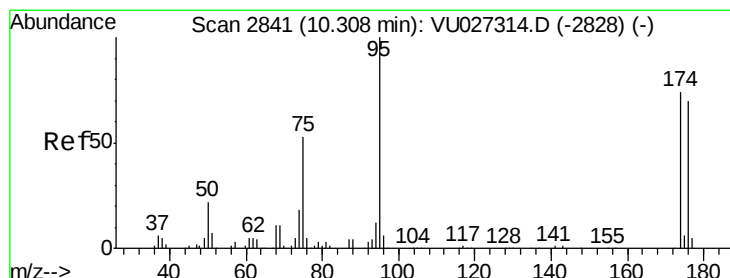
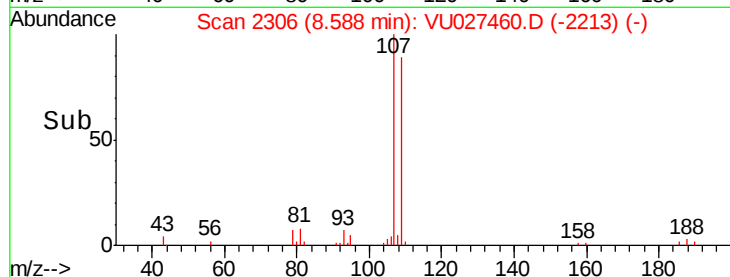
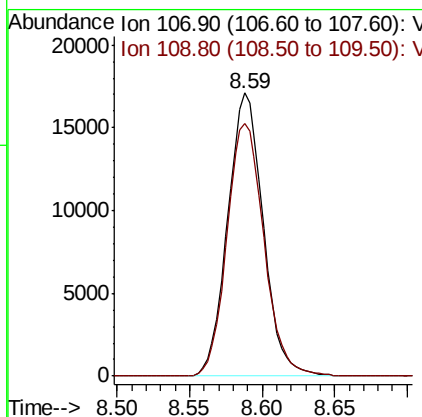
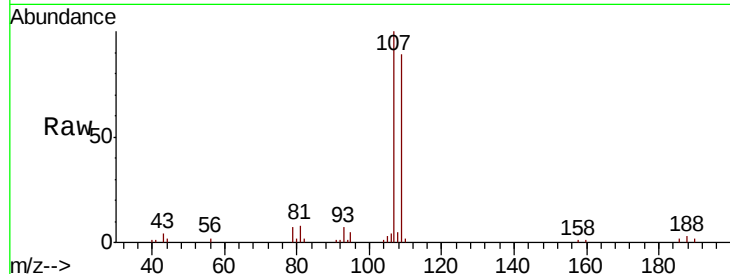
#61
 1,2-Dibromoethane
 Concen: 17.349 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.9	74.5	111.7

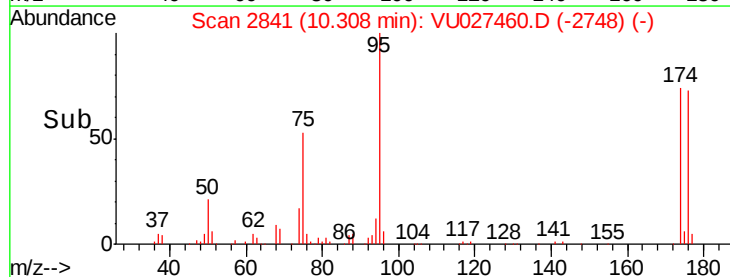
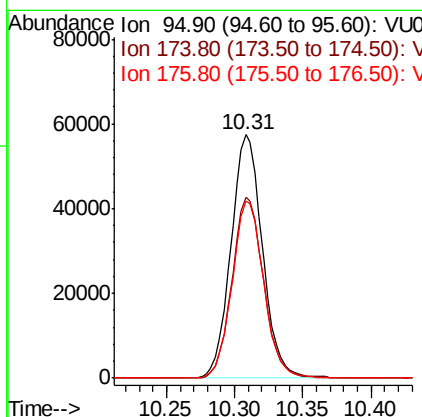
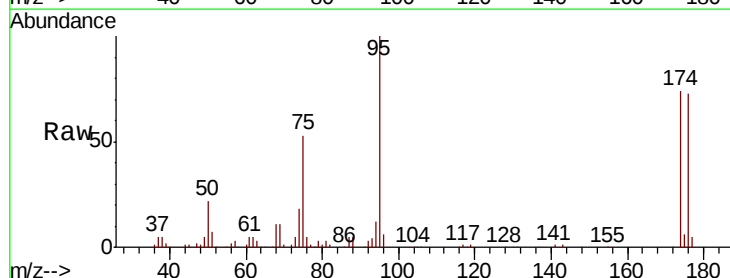
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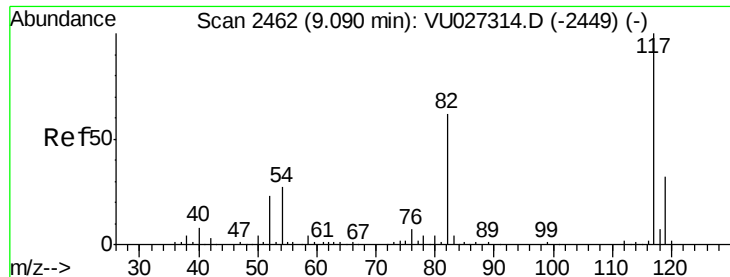
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 45.444 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	147.8
176	73.1	0.0	140.8





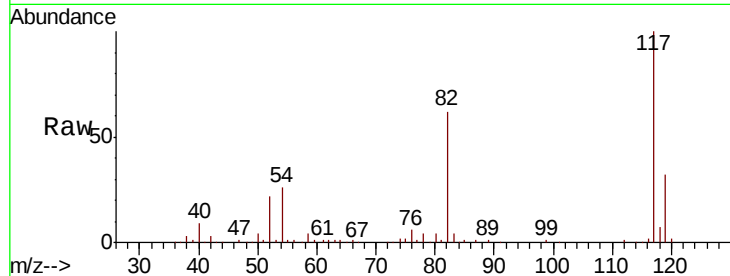
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	197155		
82	62.4	49.2	73.8	
119	31.8	25.7	38.5	

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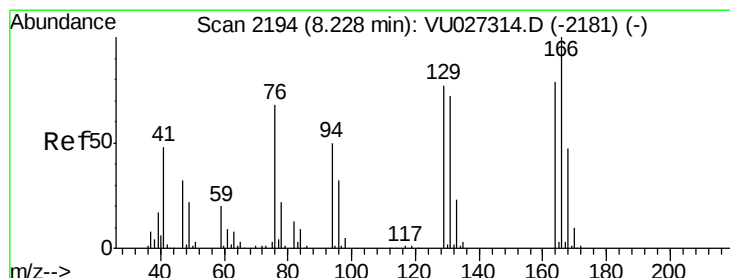
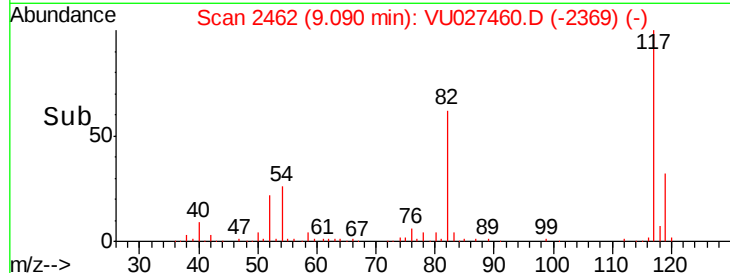
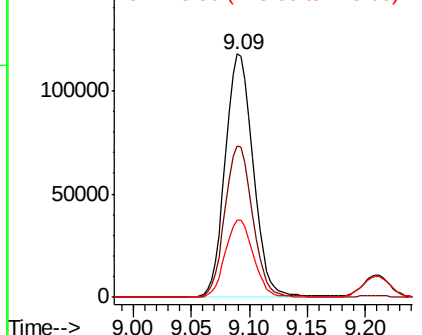


Abundance

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: 18.086 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	22197		
166	124.7	101.0	151.6	
129	94.7	78.0	117.0	
131	90.1	72.6	109.0	

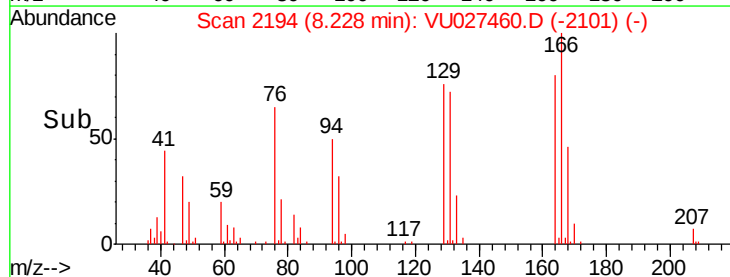
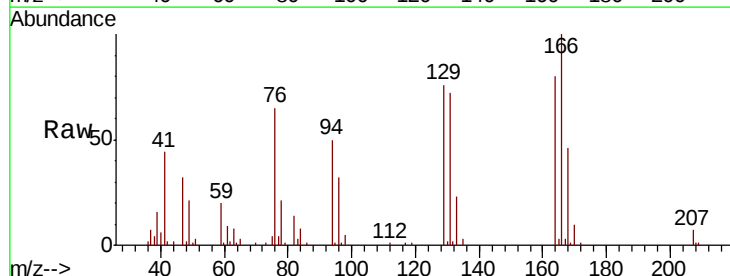
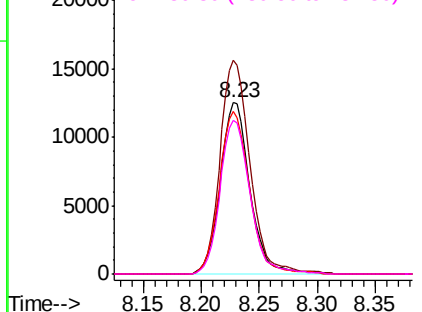
Abundance

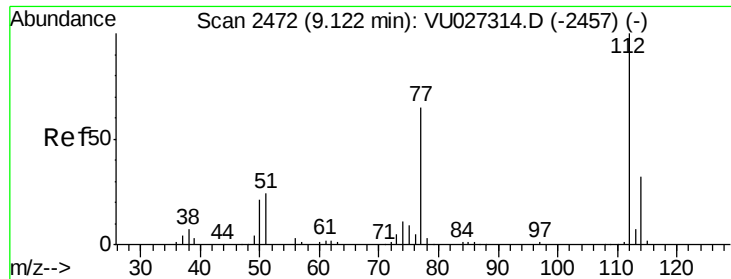
Ion 163.80 (163.50 to 164.50): V

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





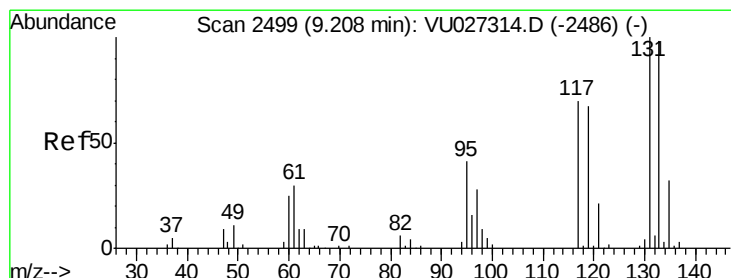
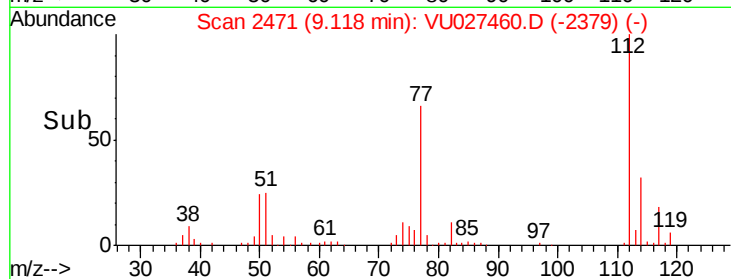
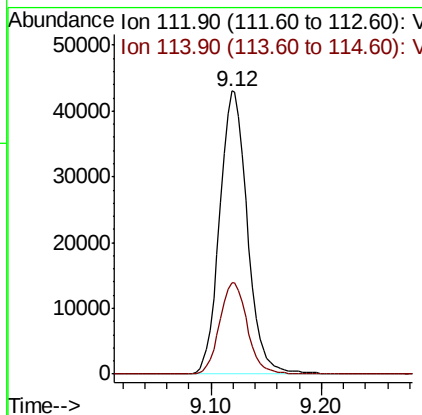
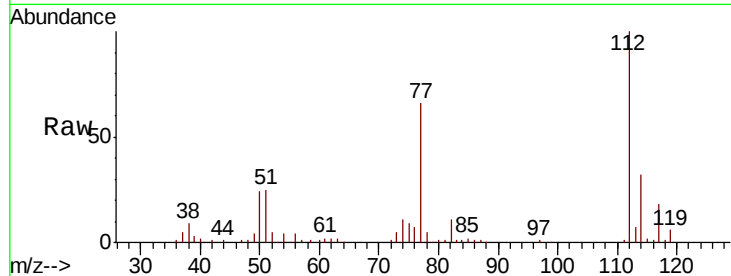
#65
Chlorobenzene
Concen: 18.089 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tot Ion:112 Resp: 75067
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

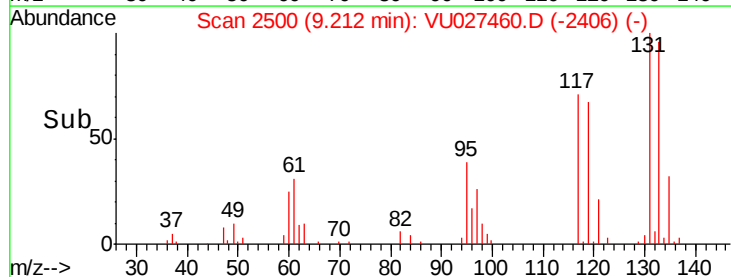
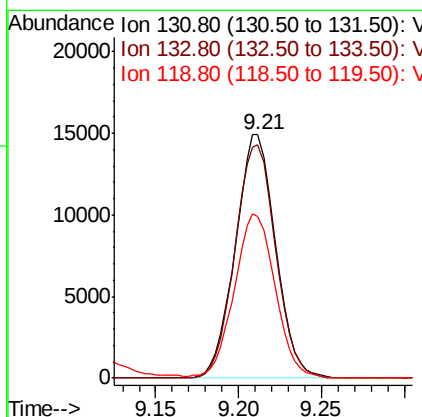
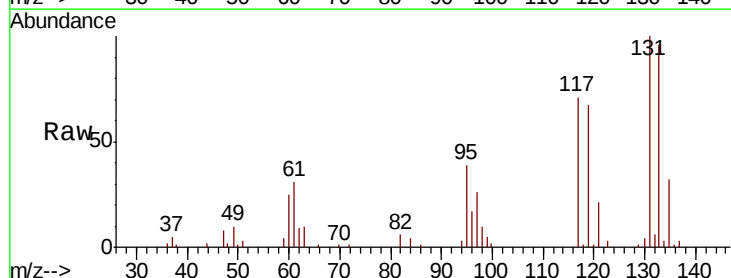
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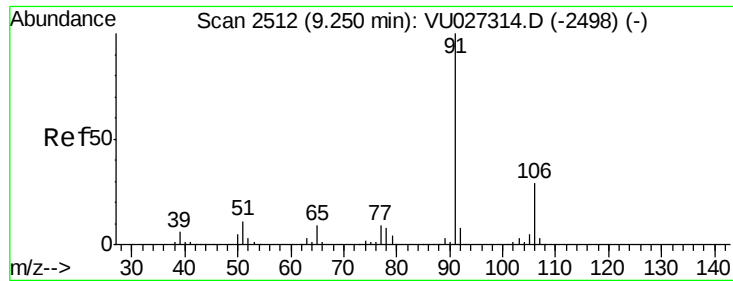
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.634 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion:131 Resp: 25263
Ion Ratio Lower Upper
131 100
133 96.8 48.5 145.6
119 68.3 33.5 100.4





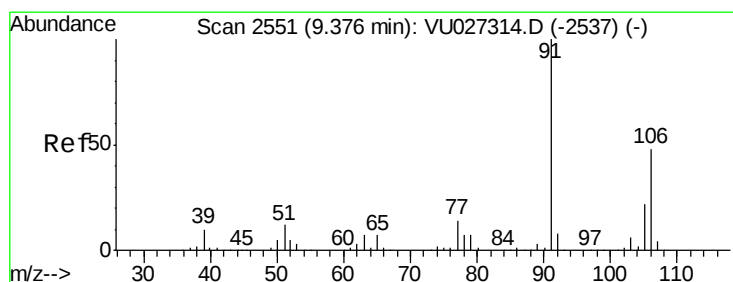
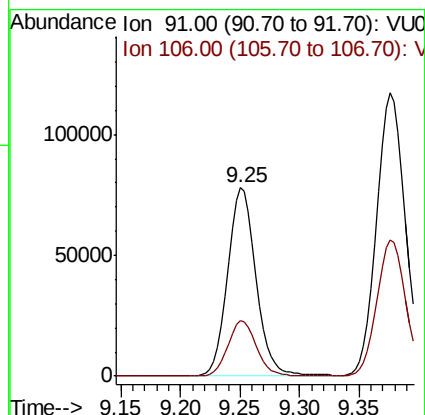
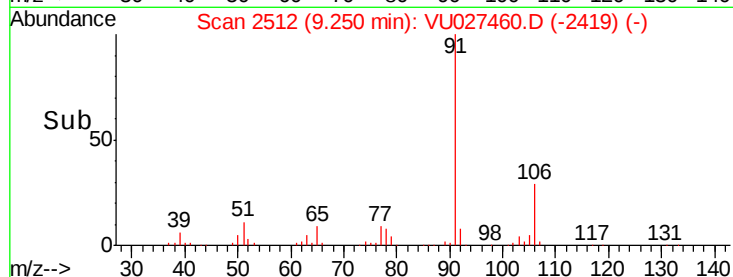
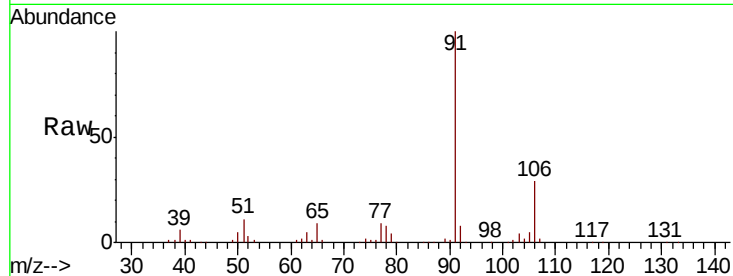
#67
Ethyl Benzene
Concen: 17.581 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampled :
VU1006WBS01

Tot Ion: 91 Resp: 129263
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4

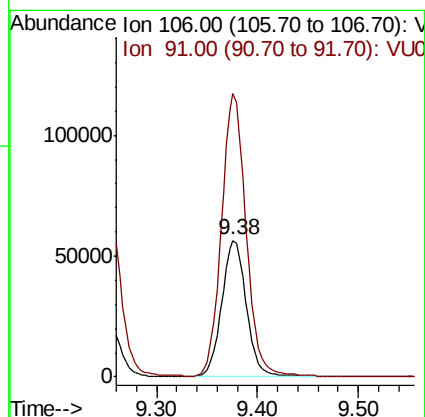
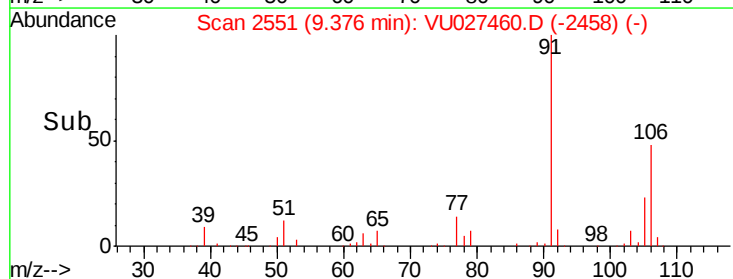
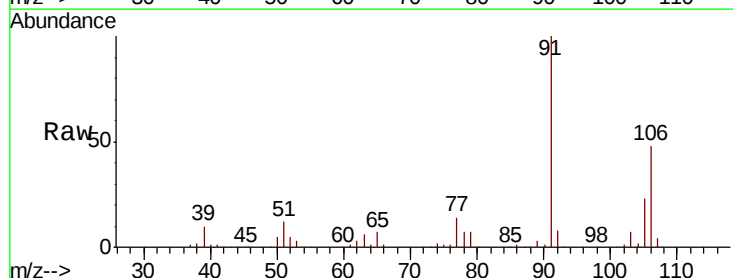
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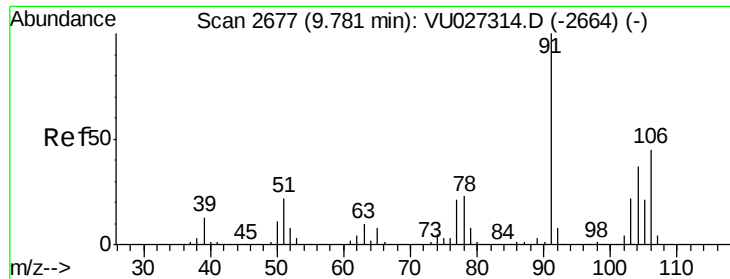
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#68
m/p-Xylenes
Concen: 35.950 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion: 106 Resp: 96685
Ion Ratio Lower Upper
106 100
91 207.8 168.1 252.1





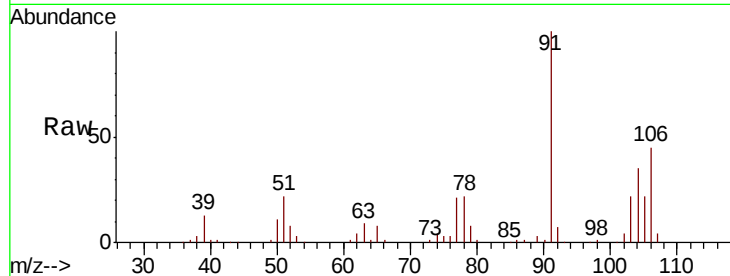
#69
o-Xylene
Concen: 17.915 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

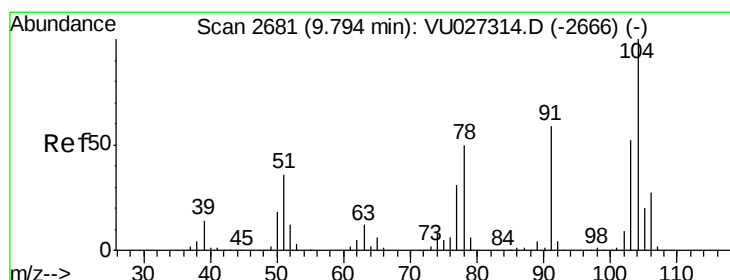
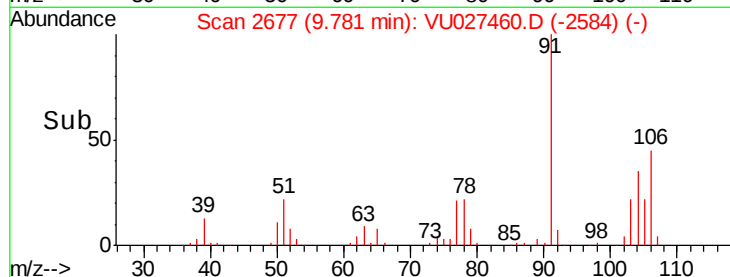
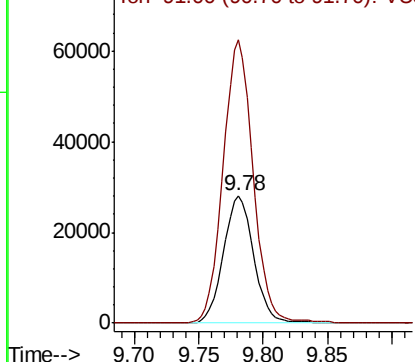
Tot Ion:106 Resp: 45787
Ion Ratio Lower Upper
106 100
91 220.4 111.7 334.9

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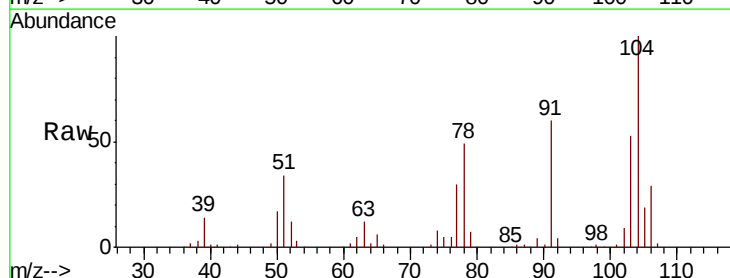


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

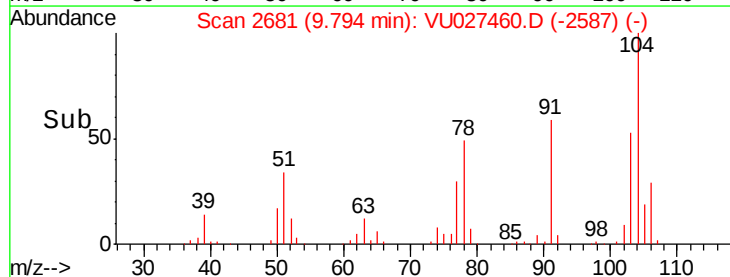
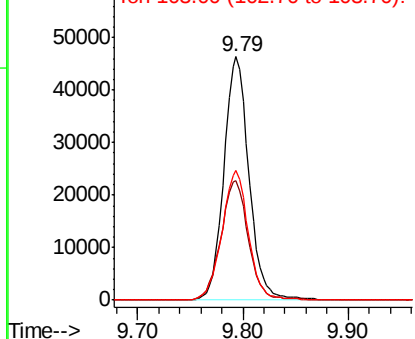


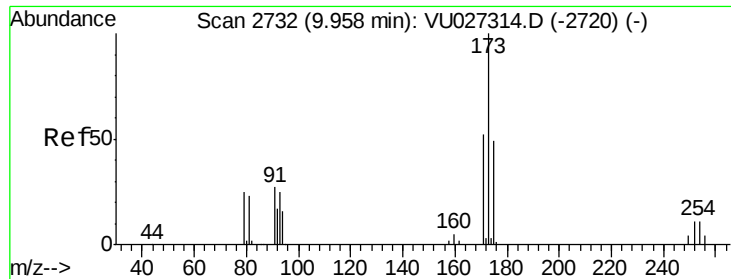
#70
Styrene
Concen: 17.549 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion:104 Resp: 76369
Ion Ratio Lower Upper
104 100
78 53.8 42.9 64.3
103 56.0 43.9 65.9



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: 17.214 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBS01

Tot Ion:173 Resp: 19841

Ion Ratio Lower Upper

173 100

175 49.5 24.3 73.0

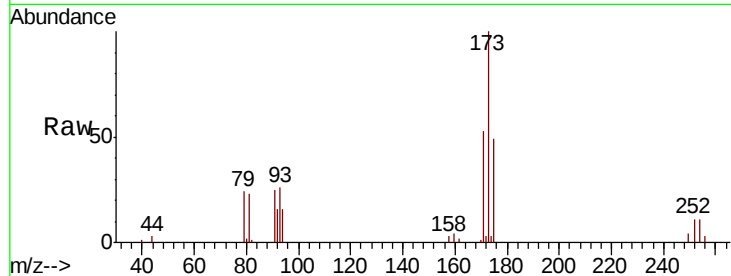
254 0.0 0.0 0.0

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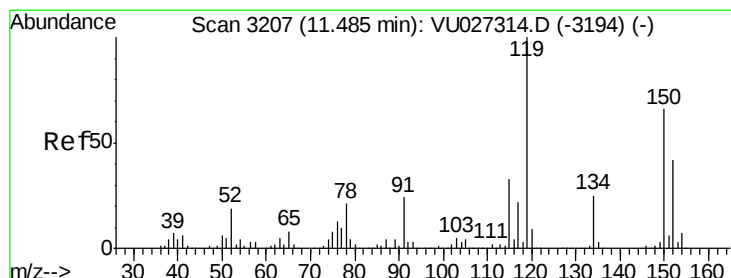
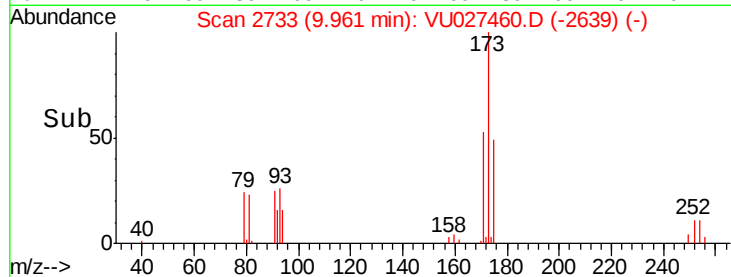
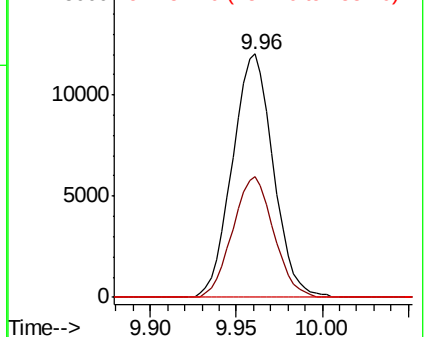
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

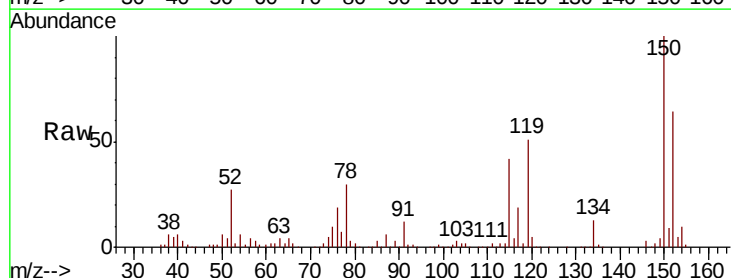
Tgt Ion:152 Resp: 100726

Ion Ratio Lower Upper

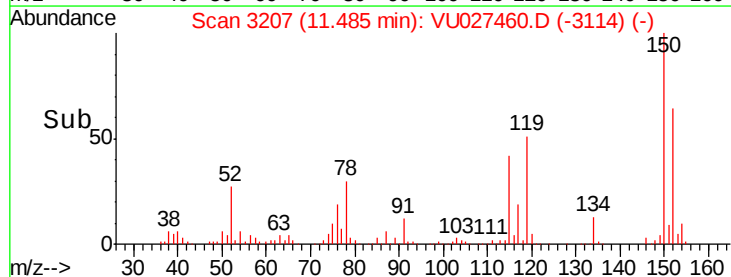
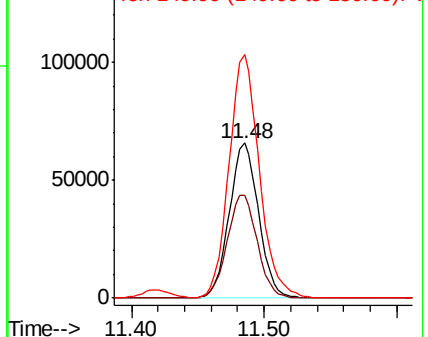
152 100

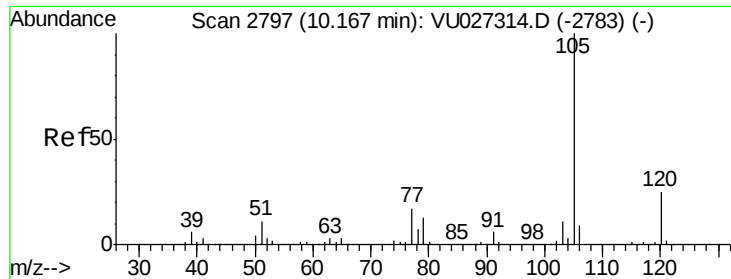
115 68.5 43.4 130.2

150 162.9 0.0 349.2



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





#73

Isopropylbenzene

Concen: 17.012 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBS01

Tot Ion: 105 Resp: 124451

Ion Ratio Lower Upper

105 100

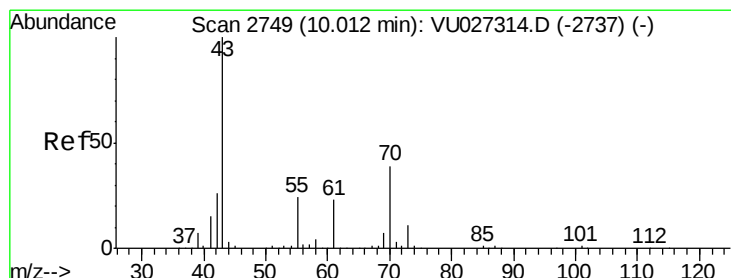
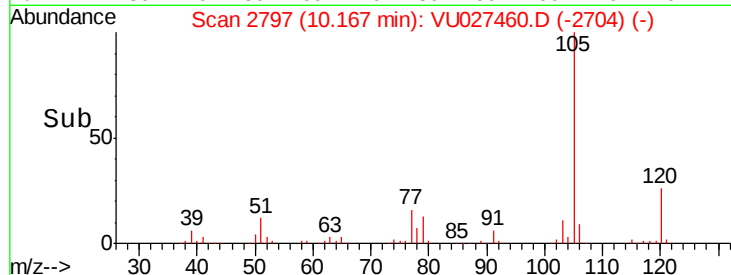
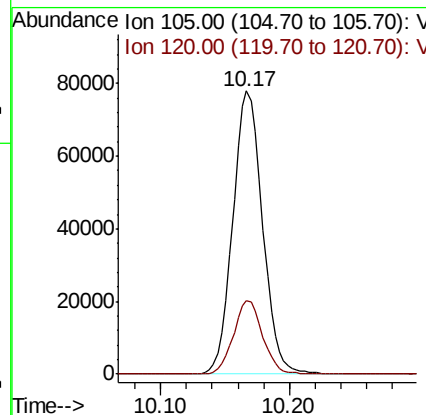
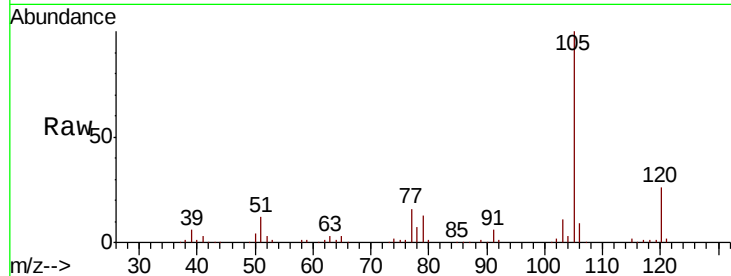
120 25.6 12.6 37.8

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#74

N-ethyl acetate

Concen: 16.285 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Tgt Ion: 43 Resp: 68204

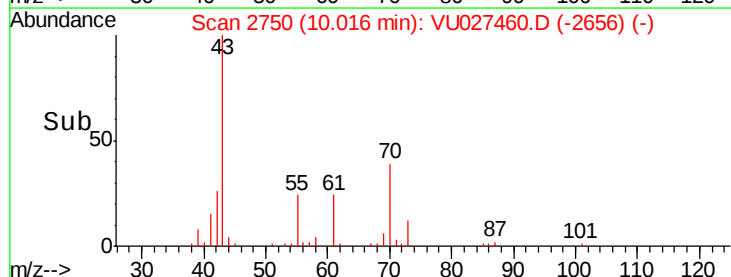
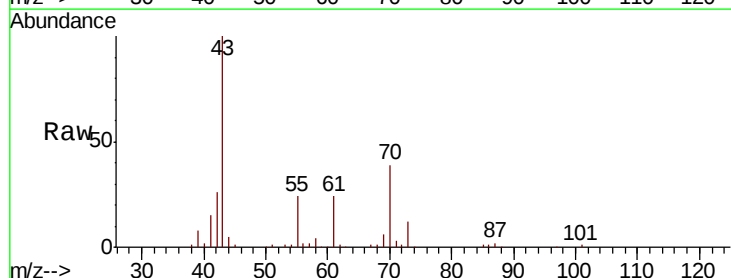
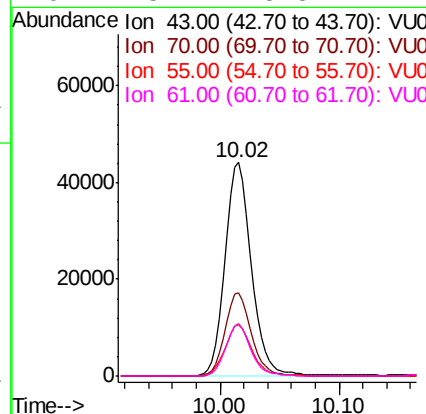
Ion Ratio Lower Upper

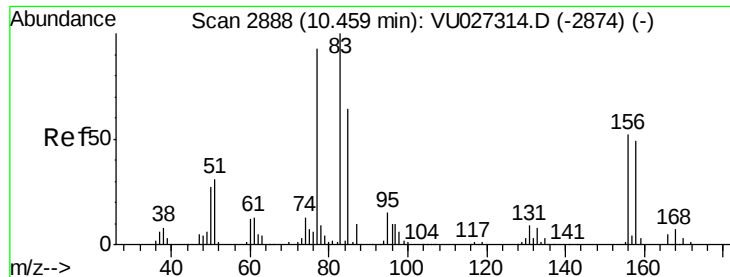
43 100

70 38.7 31.3 46.9

55 24.3 19.0 28.6

61 23.1 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 16.919 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

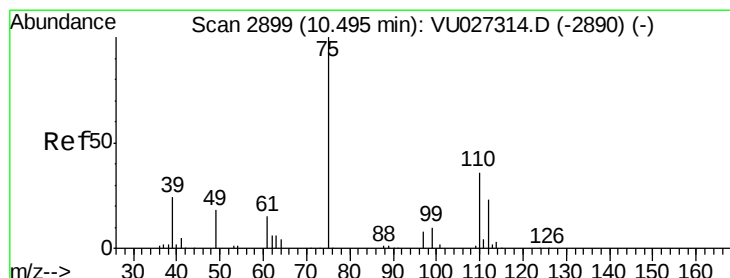
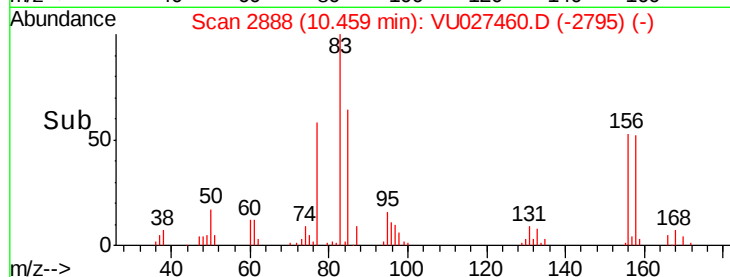
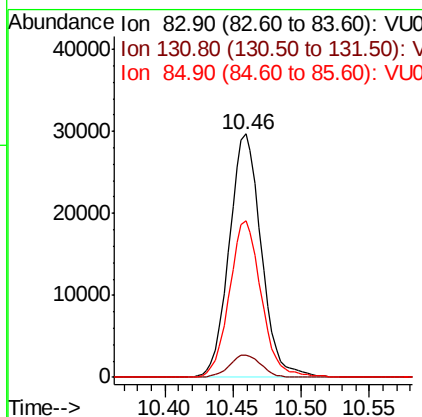
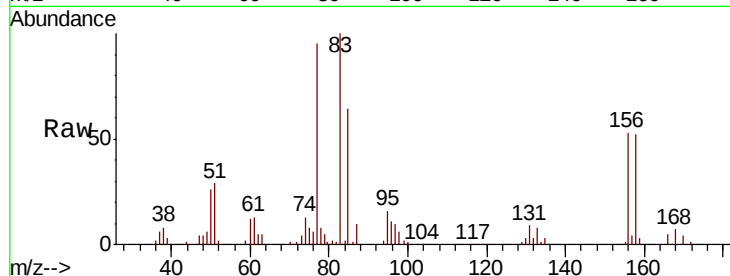
ClientSampleId :

VU1006WBS01

Tot Ion:	83	Resp:	48601
Ion Ratio	Lower	Upper	
83	100		
131	8.9	4.4	13.2
85	63.8	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.074 ug/l m

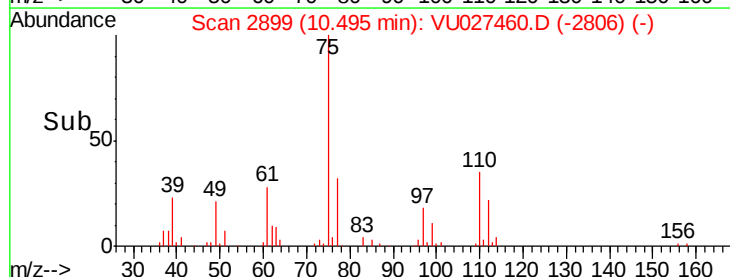
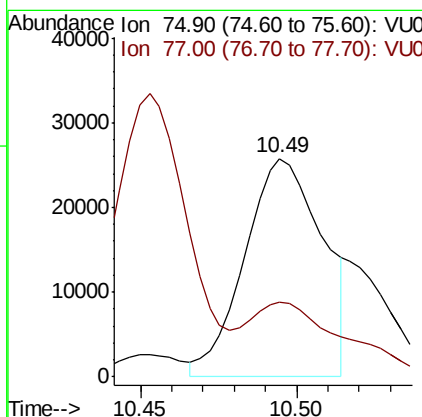
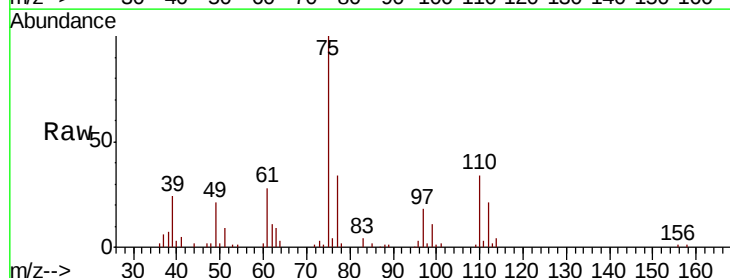
RT: 10.49 min Scan# 2899

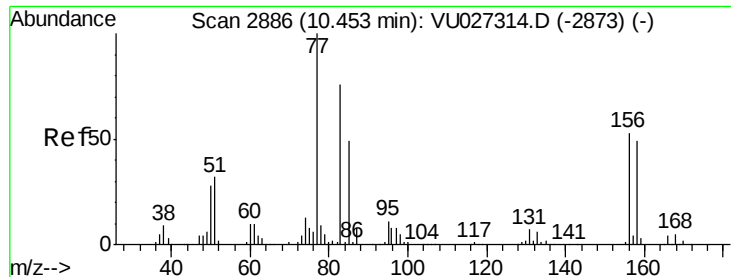
Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Tgt Ion:	75	Resp:	44582
Ion Ratio	Lower	Upper	
75	100		
77	41.0	20.3	60.9





#77

Bromobenzene

Concen: 17.399 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Instrument :

MSVOA_U

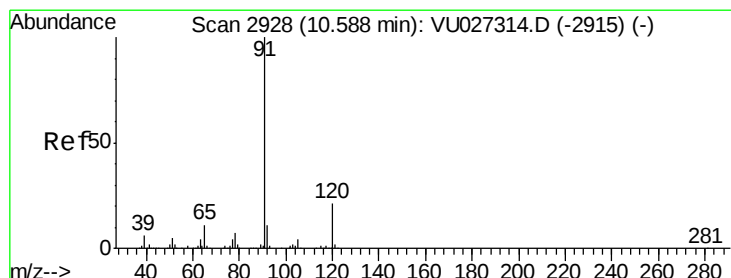
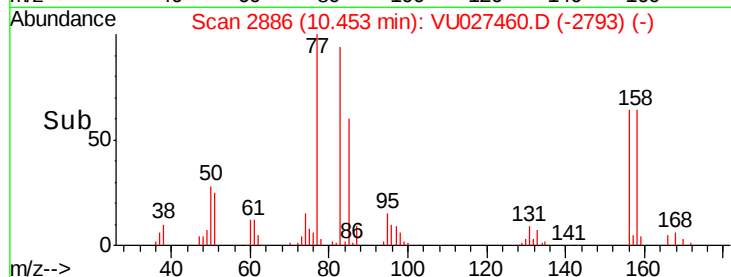
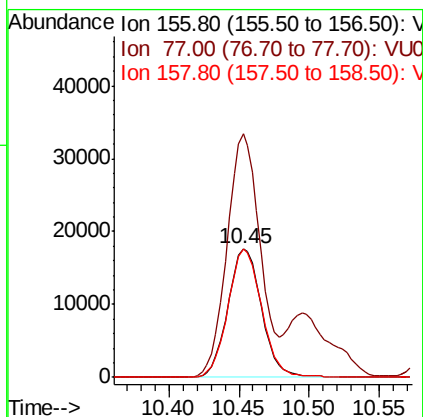
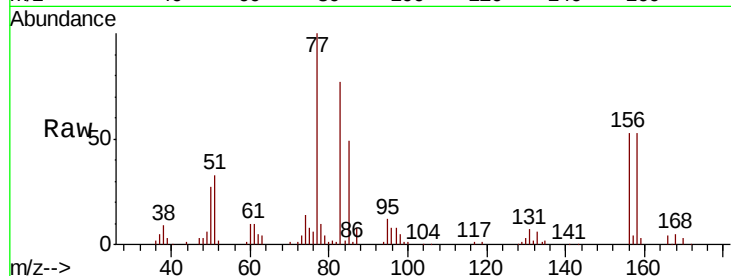
ClientSampleId :

VU1006WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	185.7	94.8	284.4
158	99.4	47.4	142.3

Manual Integrations
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#78

n-propylbenzene

Concen: 17.513 ug/l

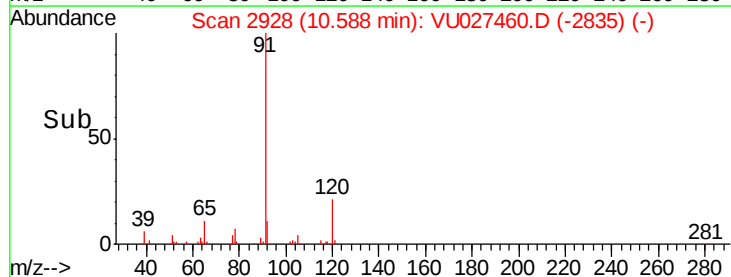
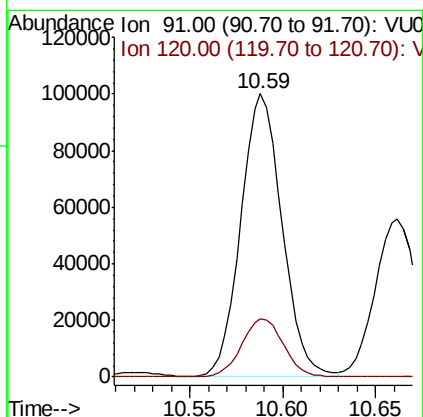
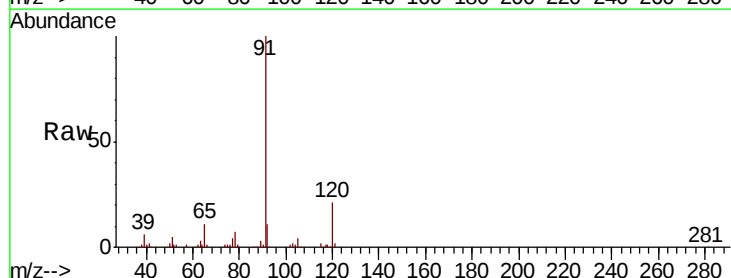
RT: 10.59 min Scan# 2928

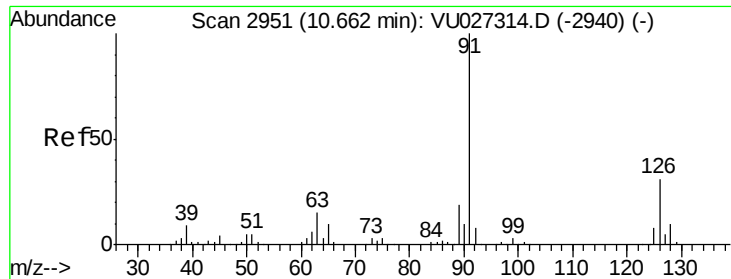
Delta R.T. 0.00 min

Lab File: VU027460.D

Acq: 05 Oct 2018 18:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.0	10.6	31.8





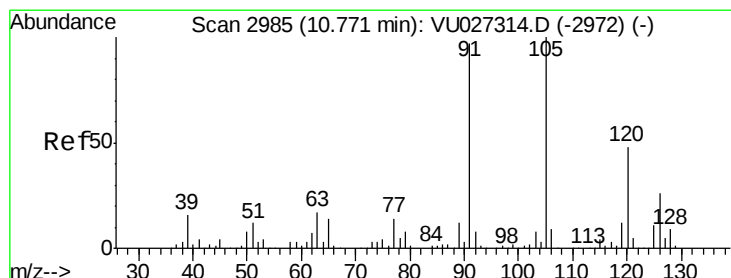
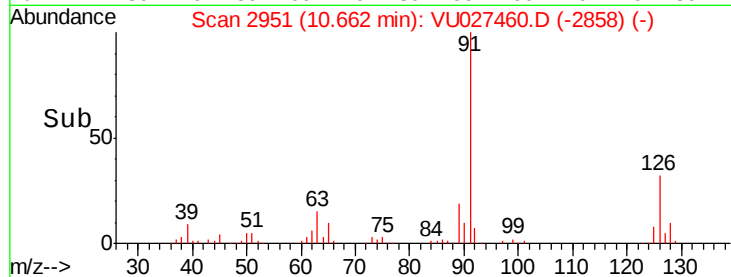
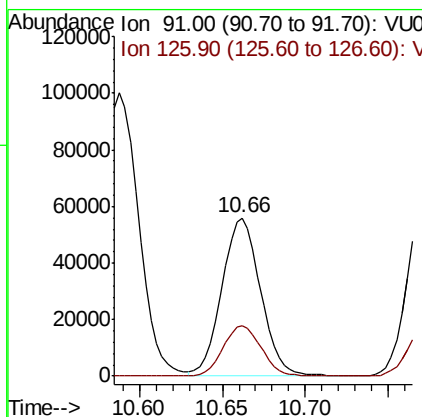
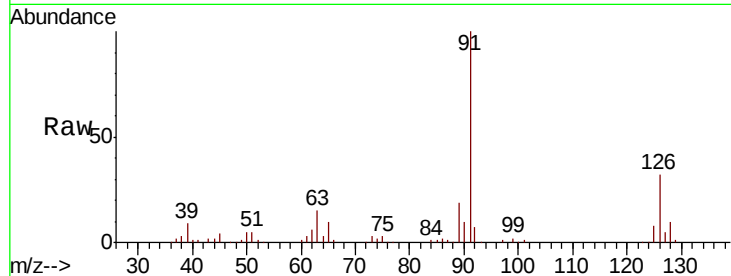
#79
 2-Chlorotoluene
 Concen: 17.025 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

Tot Ion: 91 Resp: 90363
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.7 47.1

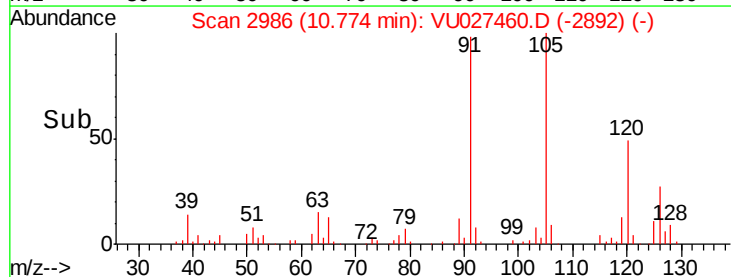
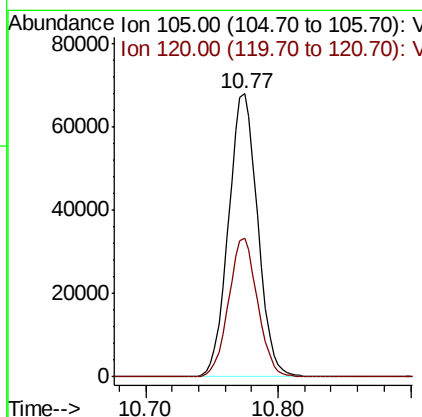
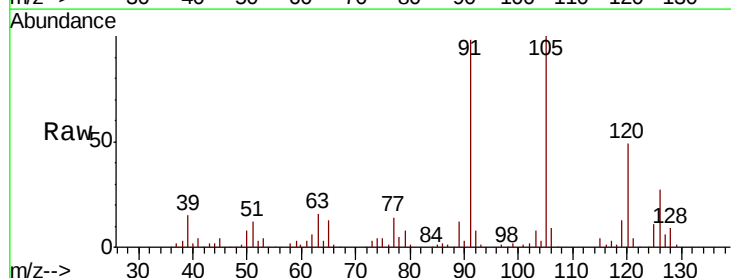
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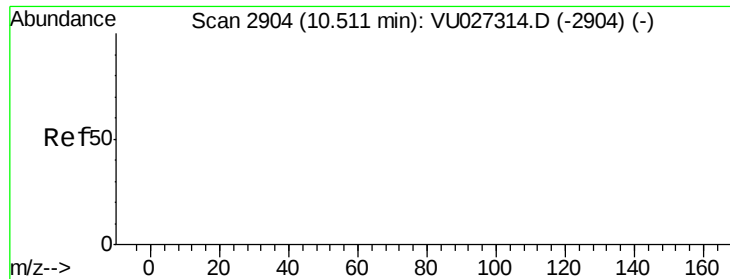
MMDadoda
 10/8/2018 2:05:18 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 17.472 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Tgt Ion: 105 Resp: 104062
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.4





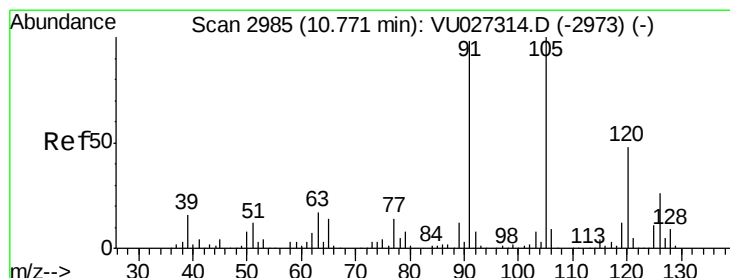
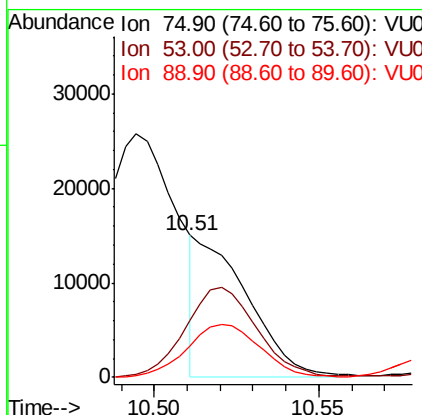
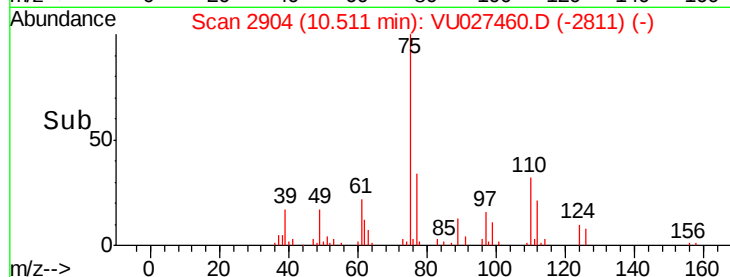
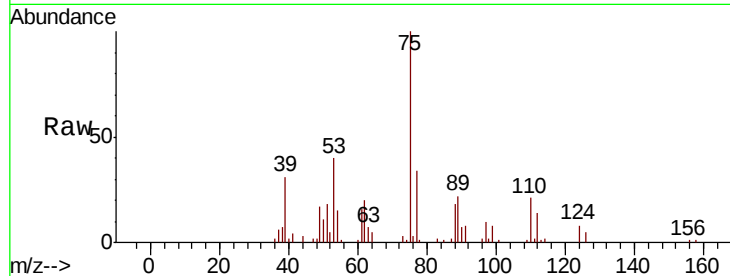
#81
trans-1,4-Dichloro-2-butene
Concen: 16.384 ug/l m
RT: 10.51 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

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

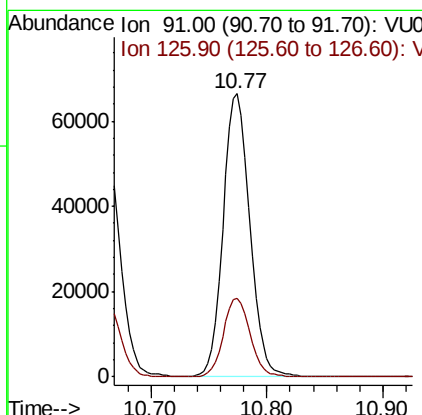
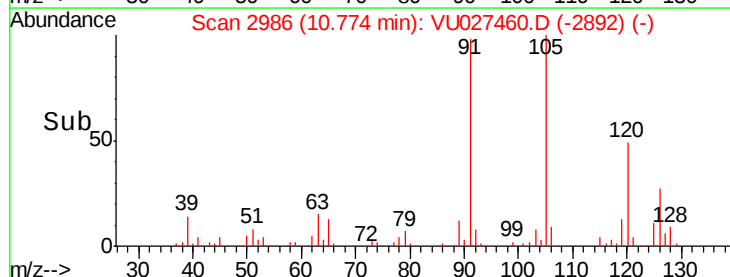
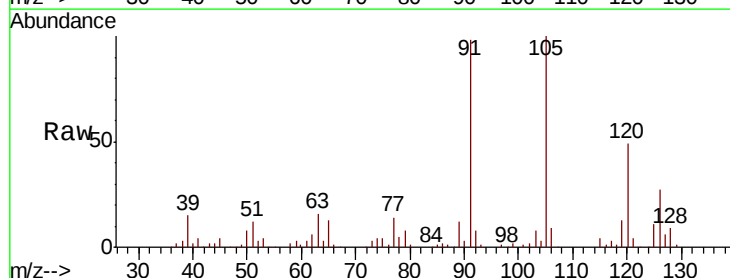
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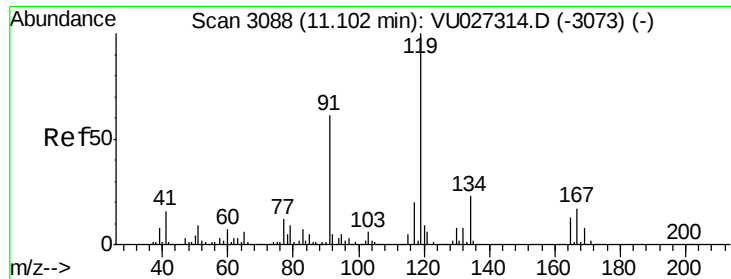
MMDadoda
10/8/2018 2:05:18 PM



#82
4-Chlorotoluene
Concen: 17.551 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.0	13.6	40.8





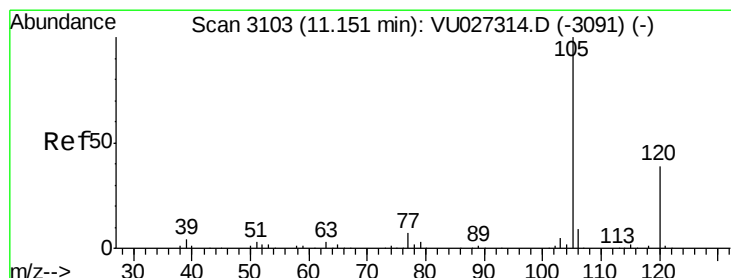
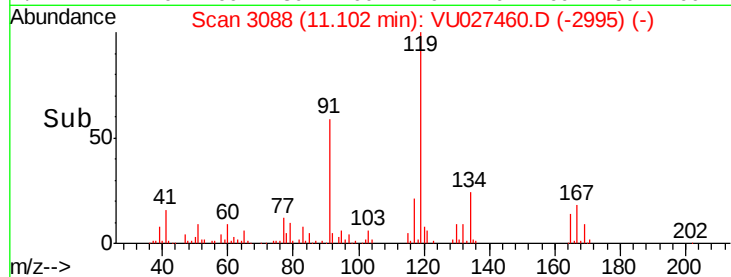
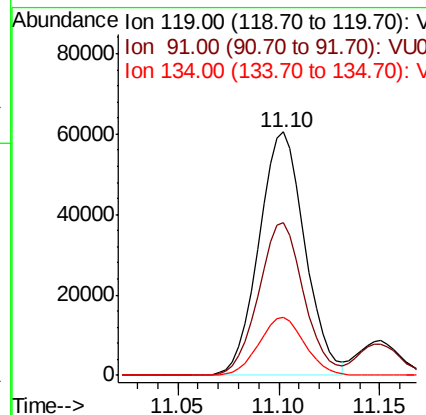
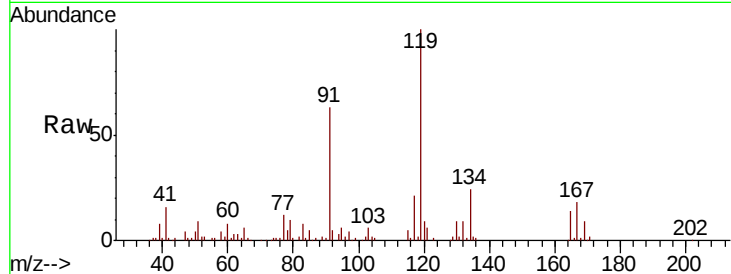
#83
tert-Butylbenzene
Concen: 16.694 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.1	30.3	91.0
134	23.6	11.5	34.4

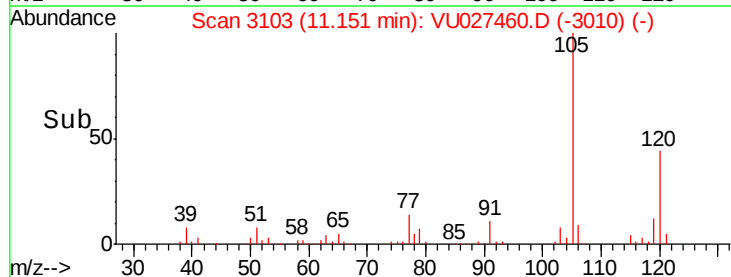
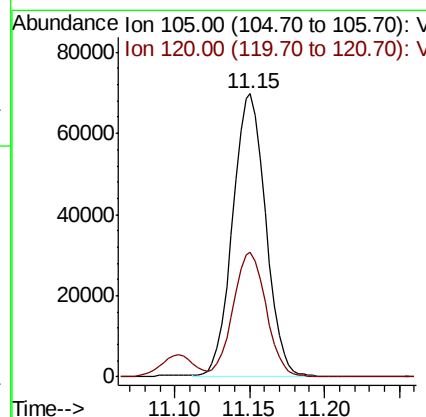
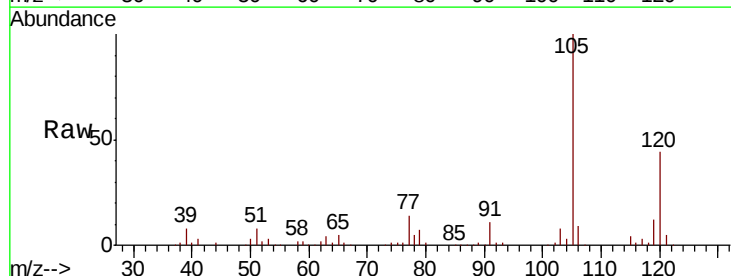
Manual Integrations
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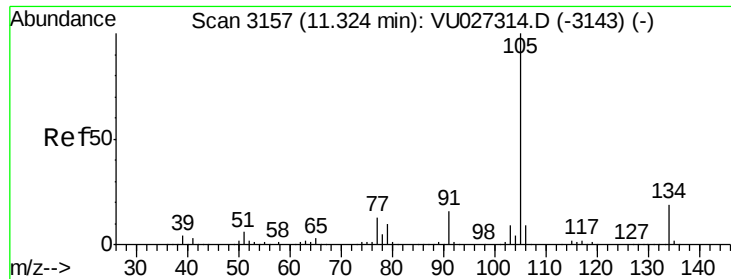
MMDadoda
10/8/2018 2:05:18 PM



#84
1,2,4-Trimethylbenzene
Concen: 17.554 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.1	66.5





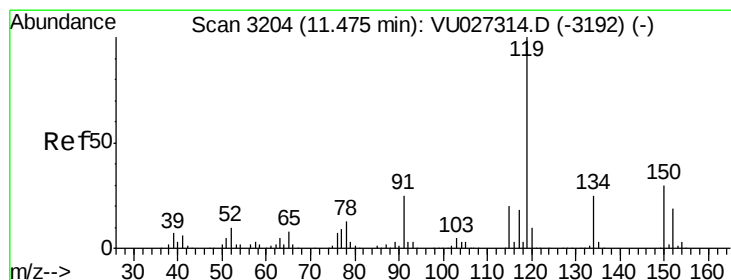
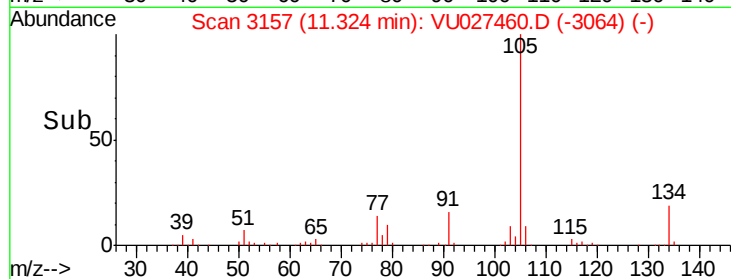
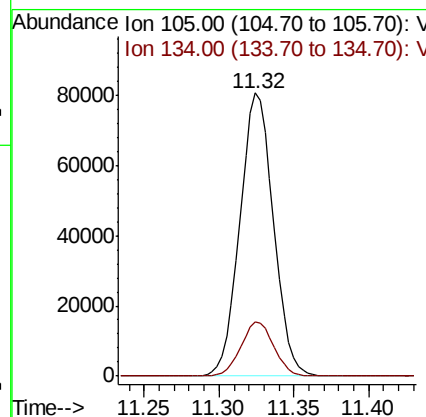
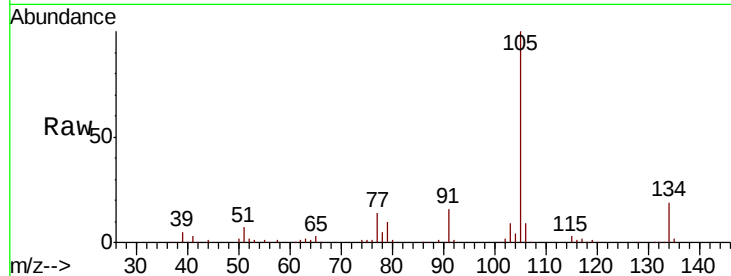
#85
 sec-Butylbenzene
 Concen: 17.326 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.8	9.6	28.6

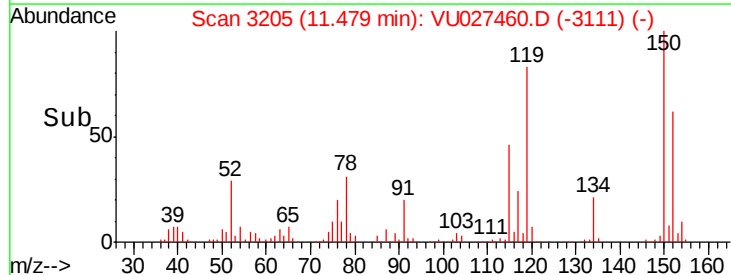
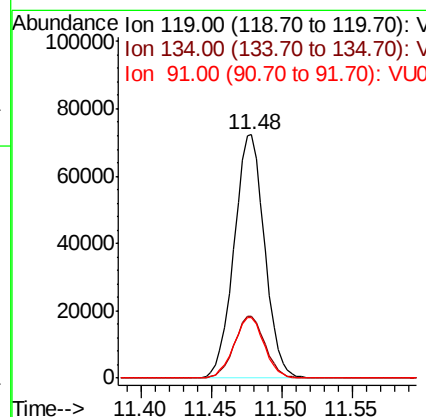
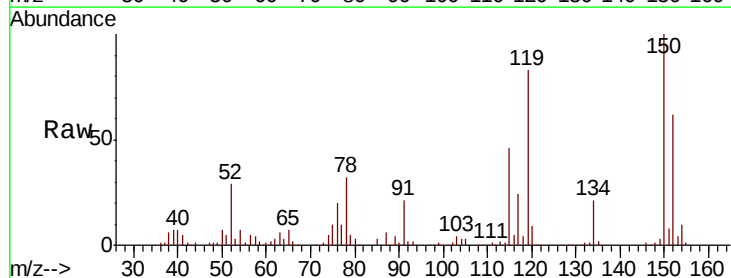
Manual Integrations
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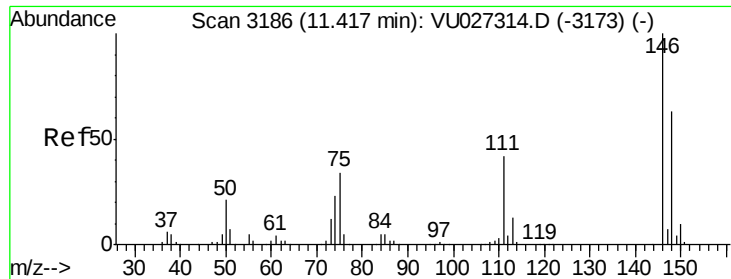
MMDadoda
 10/8/2018 2:05:18 PM



#86
 p-Isopropyltoluene
 Concen: 17.628 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.7	38.1
91	24.8	12.2	36.4





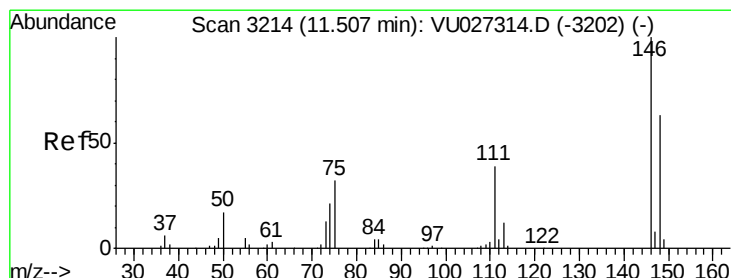
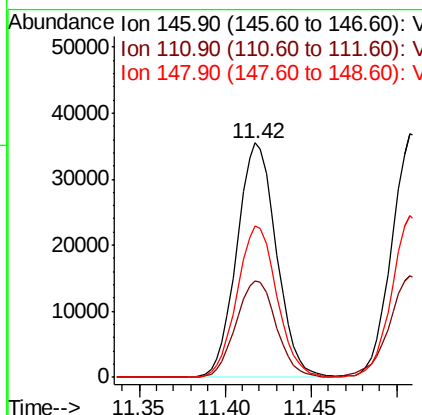
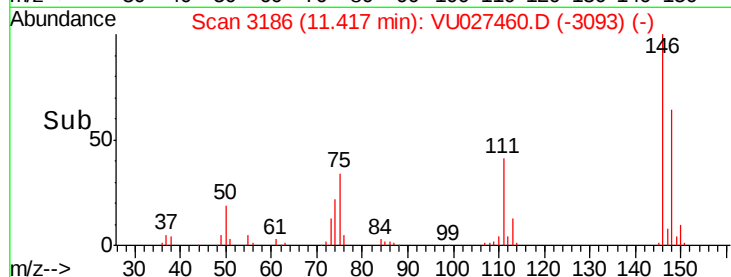
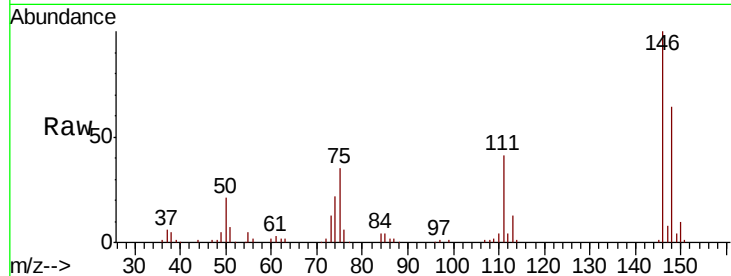
#87
 1,3-Dichlorobenzene
 Concen: 17.570 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.5
148	65.2	31.6	94.8

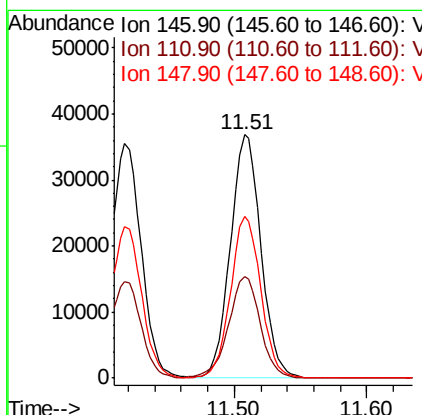
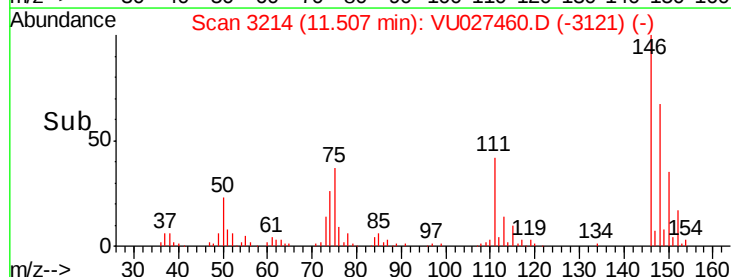
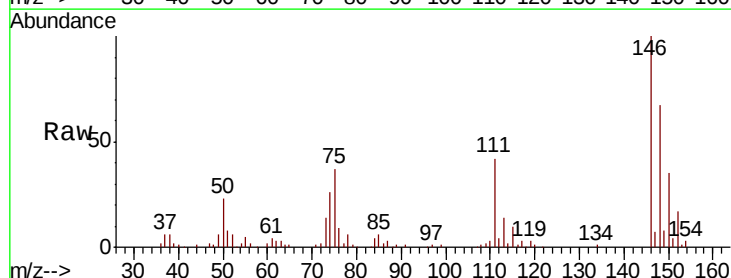
Manual Integrations
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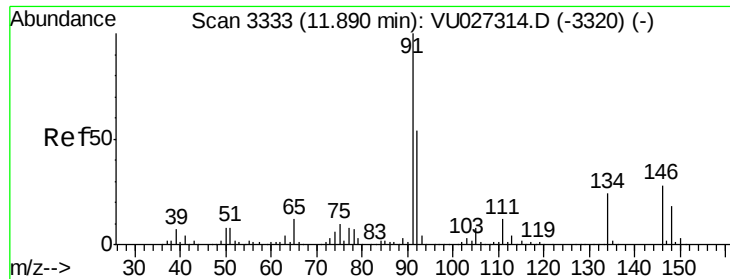
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#88
 1,4-Dichlorobenzene
 Concen: 17.961 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	20.4	61.2
148	65.7	31.9	95.5





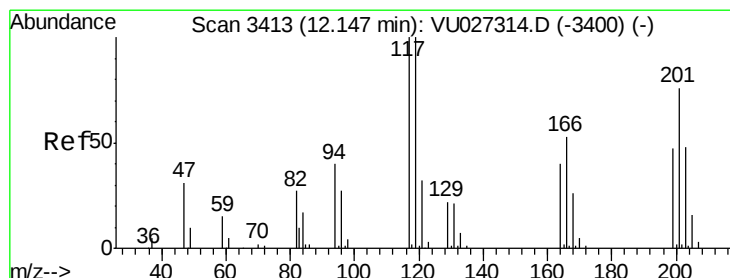
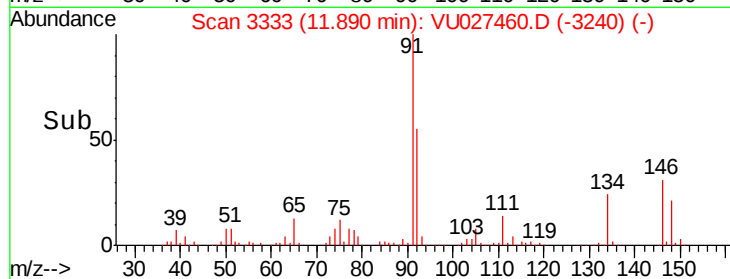
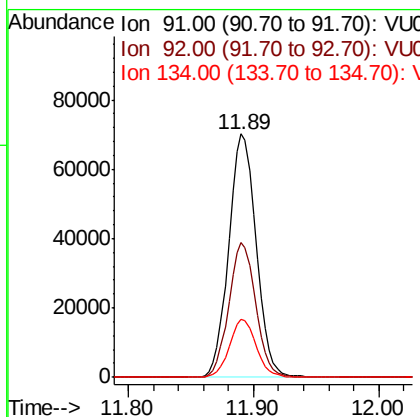
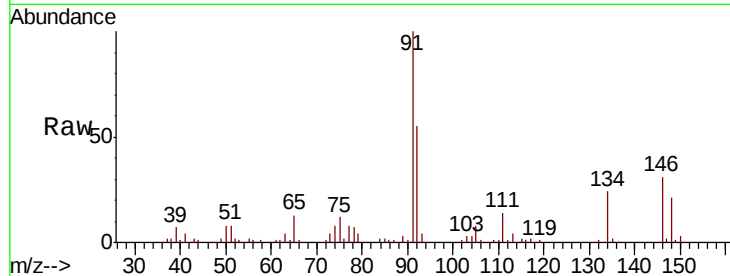
#89
n-Butylbenzene
Concen: 17.503 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.0	81.0
134	23.1	11.7	35.1

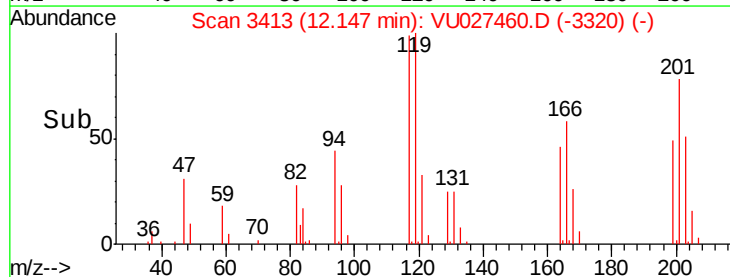
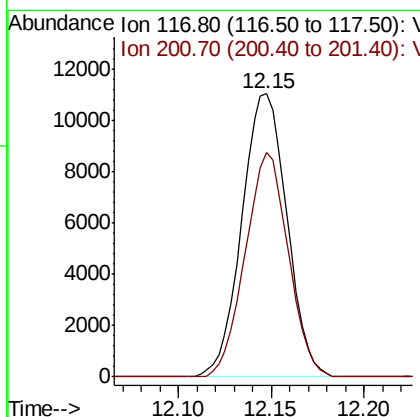
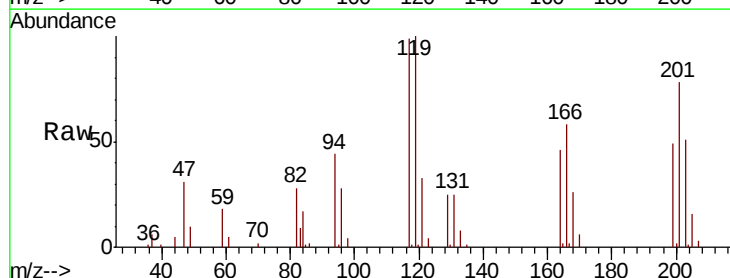
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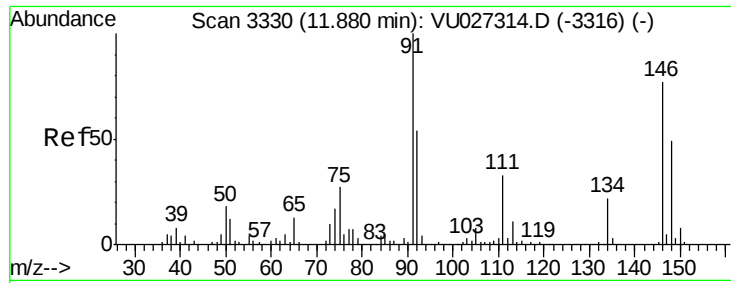
MMDadoda
10/8/2018 2:05:18 PM



#90
Hexachloroethane
Concen: 15.907 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.7	37.9	113.6





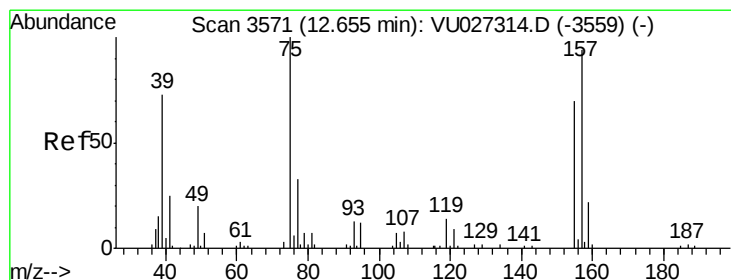
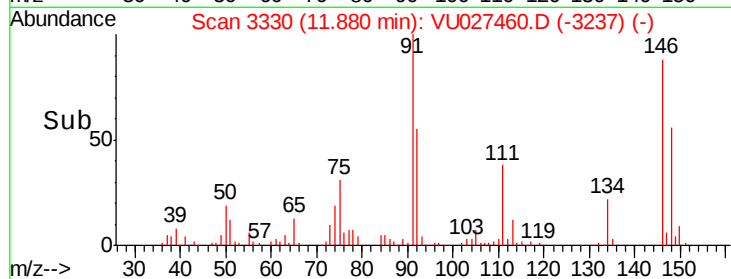
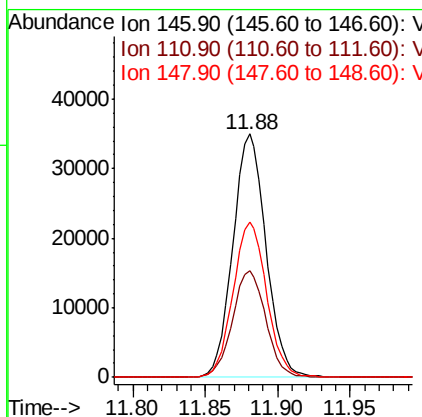
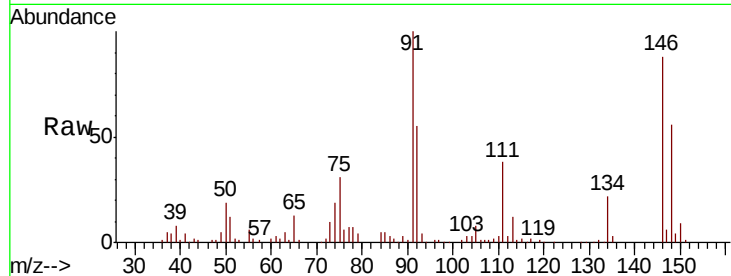
#91
 1,2-Dichlorobenzene
 Concen: 17.697 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.8	65.4
148	64.5	31.9	95.5

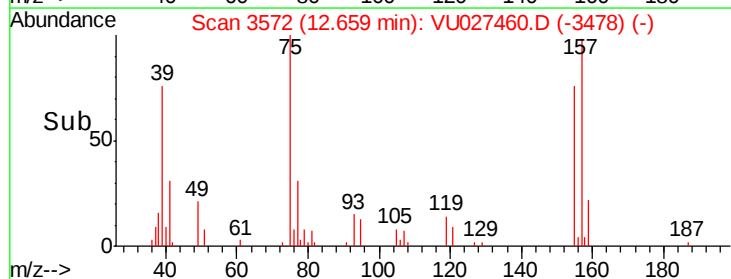
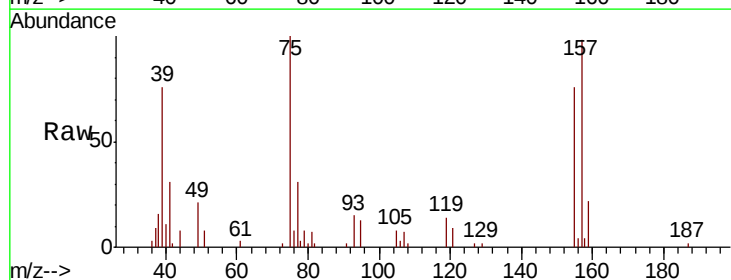
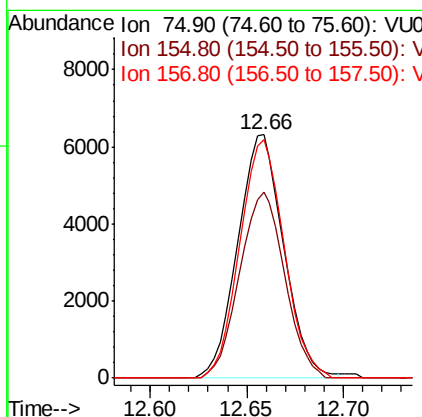
Manual Integrations
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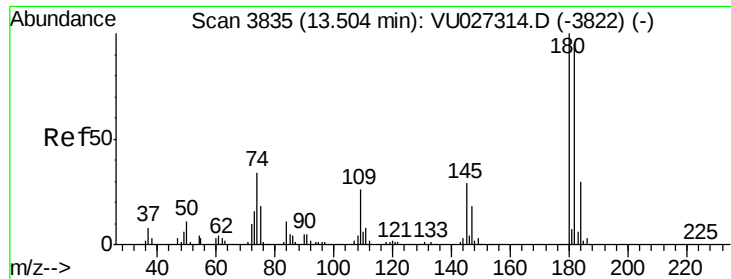
MMDadoda
 10/8/2018 2:05:18 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.368 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.7	35.9	107.8
157	94.6	46.9	140.6





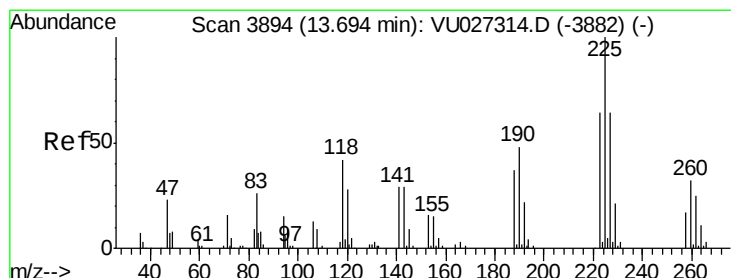
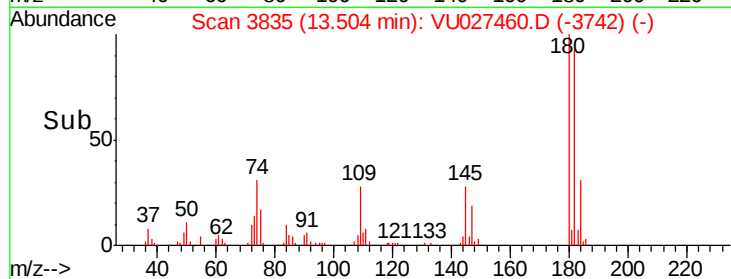
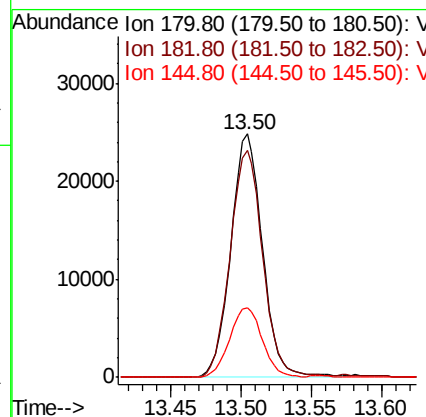
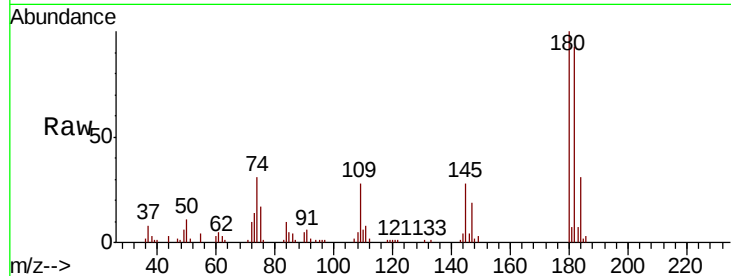
#93
 1,2,4-Trichlorobenzene
 Concen: 19.262 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.4	142.3
145	29.7	14.6	44.0

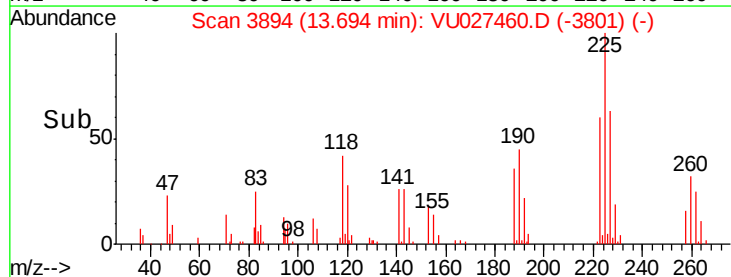
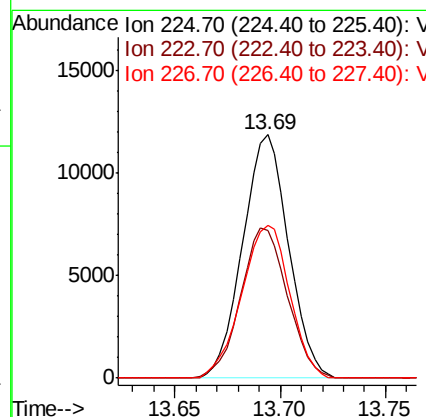
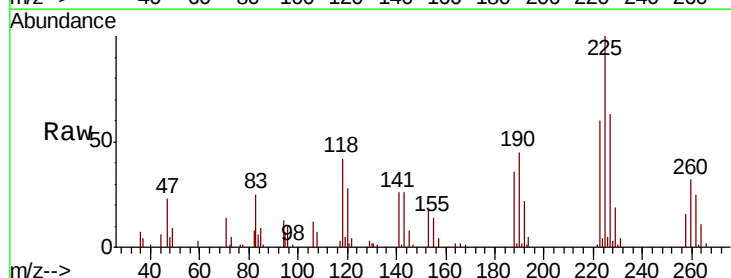
Manual Integrations
 APPROVED

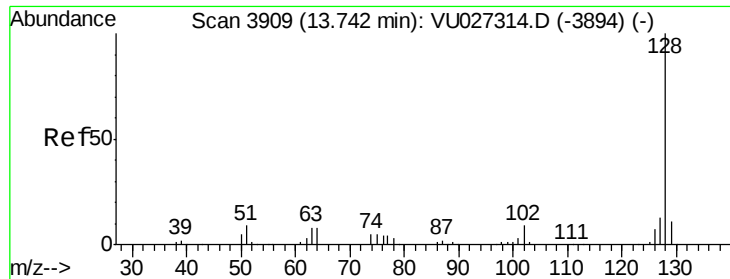
MMDadoda
 10/8/2018 2:05:18 PM



#94
 Hexachlorobutadiene
 Concen: 17.511 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027460.D
 Acq: 05 Oct 2018 18:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.8	95.3
227	65.7	31.9	95.7





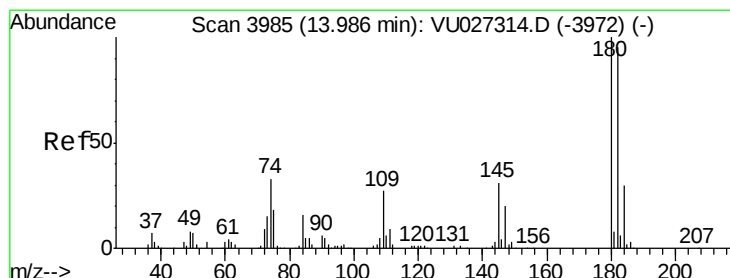
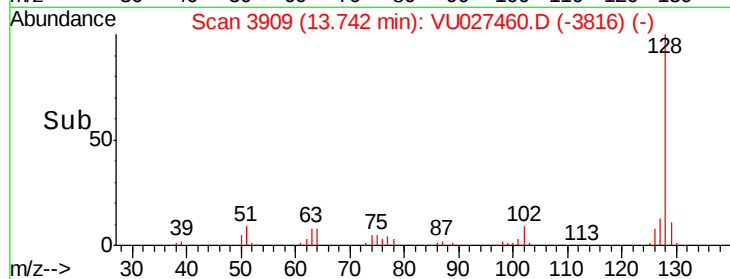
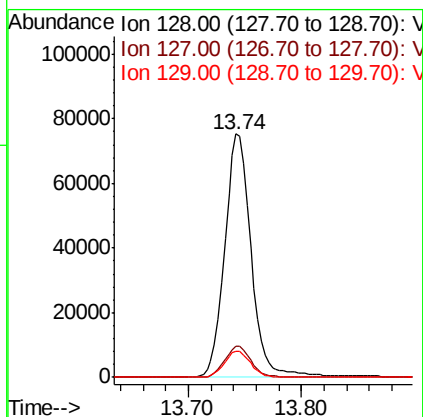
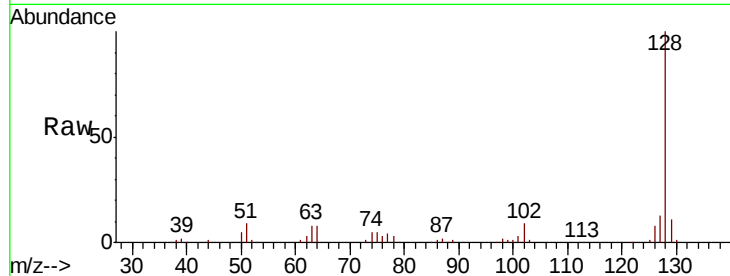
#95
Naphthalene
Concen: 17.251 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.2	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/8/2018 2:05:18 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.853 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027460.D
Acq: 05 Oct 2018 18:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.4	142.2
145	31.4	15.9	47.7

