

Data File : VU027043.D
Acq On : 23 Sep 2018 02:38
Operator : MD/SY
Sample : VU0923WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 85 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS01

Quant Time: Sep 24 05:45:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	80373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	140025	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	136109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71538	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	84607	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
35) Dibromofluoromethane	4.88	113	59486	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	7.57	98	229123	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	10.31	95	79156	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	20003	19.062	ug/l	99
3) Chloromethane	1.33	50	33541	18.539	ug/l	99
4) Vinyl Chloride	1.40	62	32226	19.082	ug/l	99
5) Bromomethane	1.62	94	17922	18.635	ug/l	99
6) Chloroethane	1.70	64	21514	19.938	ug/l	97
7) Trichlorofluoromethane	1.89	101	37932	19.776	ug/l	99
8) Diethyl Ether	2.11	74	18048	19.548	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.29	101	22298	18.906	ug/l	98
10) Methyl Iodide	2.41	142	22611	15.458	ug/l	99
11) Tert butyl alcohol	2.82	59	37483	101.094	ug/l	99
12) 1,1-Dichloroethene	2.29	96	22335	20.120	ug/l	96
13) Acrolein	2.20	56	19403	97.077	ug/l	98
14) Allyl chloride	2.59	41	46377	20.598	ug/l	99
15) Acrylonitrile	2.94	53	96688	103.466	ug/l	99
16) Acetone	2.32	43	86404	89.932	ug/l	99
17) Carbon Disulfide	2.48	76	67648	18.707	ug/l	99
18) Methyl Acetate	2.62	43	48900	21.238	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	86240	21.141	ug/l	99
20) Methylene Chloride	2.70	84	28007	19.332	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	23773	20.058	ug/l	96
22) Diisopropyl ether	3.58	45	108080	22.443	ug/l	98
23) Vinyl Acetate	3.53	43	445644	108.560	ug/l	99
24) 1,1-Dichloroethane	3.45	63	54759	20.646	ug/l	99
25) 2-Butanone	4.26	43	135979	100.025	ug/l	97
26) 2,2-Dichloropropane	4.23	77	33600	16.244	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	27818	20.784	ug/l	100
28) Bromochloromethane	4.55	49	28621	22.386	ug/l	94
29) Tetrahydrofuran	4.64	42	88728	107.893	ug/l	97
30) Chloroform	4.67	83	49761	20.212	ug/l	98
31) Cyclohexane	5.00	56	49811	20.319	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	40270	20.486	ug/l	98
36) 1,1-Dichloropropene	5.14	75	36886	19.738	ug/l	99
37) Ethyl Acetate	4.38	43	49655	19.628	ug/l	98
38) Carbon Tetrachloride	5.13	117	34483	19.390	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	38908	19.158	ug/l	98
40) Benzene	5.39	78	112731	19.843	ug/l	99
41) Methacrylonitrile	4.55	41	27353	20.819	ug/l	97
42) 1,2-Dichloroethane	5.40	62	43655	20.339	ug/l	98
43) Isopropyl Acetate	5.55	43	77303	20.952	ug/l	98
44) Trichloroethene	6.19	130	23372	19.324	ug/l	94
45) 1,2-Dichloropropane	6.43	63	33057	20.421	ug/l	98
46) Dibromomethane	6.56	93	19028	19.463	ug/l	98
47) Bromodichloromethane	6.76	83	38421	19.436	ug/l	99
48) Methyl methacrylate	6.62	41	37903	19.505	ug/l	98
49) 1,4-Dioxane	6.62	88	14725	368.138	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	259639	104.634	ug/l	99
52) Toluene	7.64	92	66774	20.505	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	41497	19.538	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	45477	19.474	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	28003	20.295	ug/l	98
56) Ethyl methacrylate	8.02	69	43063	19.391	ug/l	98
57) 1,3-Dichloropropane	8.24	76	53159	20.714	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	125289	95.280	ug/l	97
59) 2-Hexanone	8.36	43	195123	100.455	ug/l	97
60) Dibromochloromethane	8.48	129	26883	19.862	ug/l	99
61) 1,2-Dibromoethane	8.59	107	28341	19.741	ug/l	100
64) Tetrachloroethene	8.23	164	20538	19.582	ug/l	95
65) Chlorobenzene	9.12	112	68339	18.936	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	24729	19.894	ug/l	99
67) Ethyl Benzene	9.25	91	119465	20.131	ug/l	98
68) m/p-Xylenes	9.38	106	89581	38.214	ug/l	100
69) o-Xylene	9.78	106	42311	20.123	ug/l	99
70) Styrene	9.79	104	69836	18.954	ug/l	100
71) Bromoform	9.96	173	18546	19.293	ug/l #	100
73) Isopropylbenzene	10.17	105	115755	21.271	ug/l	100
74) N-amyl acetate	10.02	43	65200	20.699	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	47806	19.107	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	54805	25.217	ug/l	82
77) Bromobenzene	10.45	156	27067	20.354	ug/l	98
78) n-propylbenzene	10.59	91	136690	21.229	ug/l	100
79) 2-Chlorotoluene	10.66	91	84138	20.803	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	95776	21.321	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	54805	80.700	ug/l #	100
82) 4-Chlorotoluene	10.77	91	95055	20.960	ug/l	99
83) tert-Butylbenzene	11.10	119	89761	20.211	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	97589	21.347	ug/l	100
85) sec-Butylbenzene	11.32	105	115192	21.248	ug/l	100
86) p-Isopropyltoluene	11.48	119	94970	19.250	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	48256	19.500	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	49808	18.468	ug/l	99
89) n-Butylbenzene	11.89	91	83658	18.546	ug/l	99
90) Hexachloroethane	12.15	117	18892	19.163	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	48705	18.529	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10096	19.780	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092318\
Quantitation Report (Not Reviewed)

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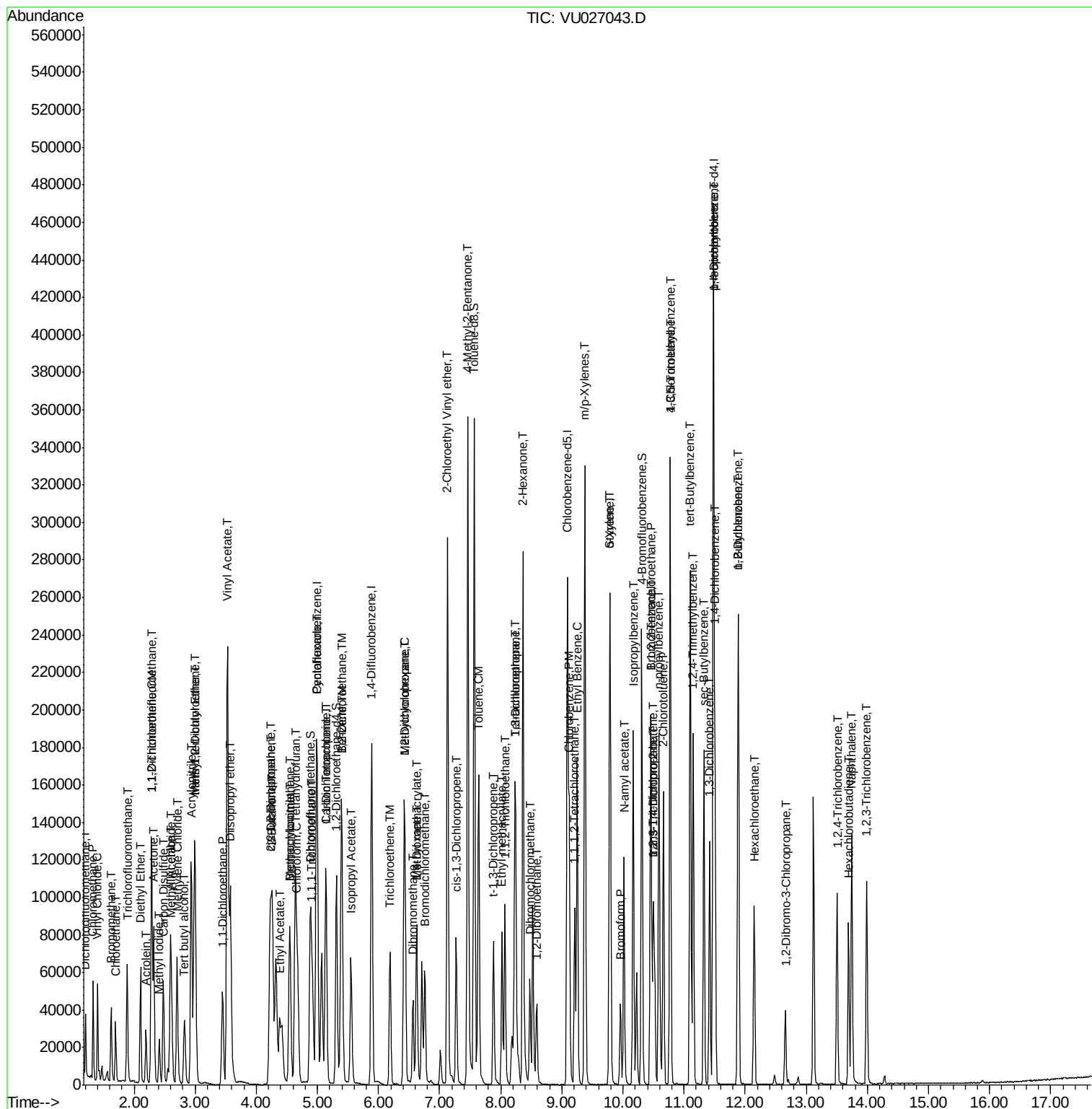
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	29321	19.356	ug/l	99
94) Hexachlorobutadiene	13.69	225	15016	18.735	ug/l	100
95) Naphthalene	13.74	128	103054	18.501	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	32482	19.996	ug/l	98

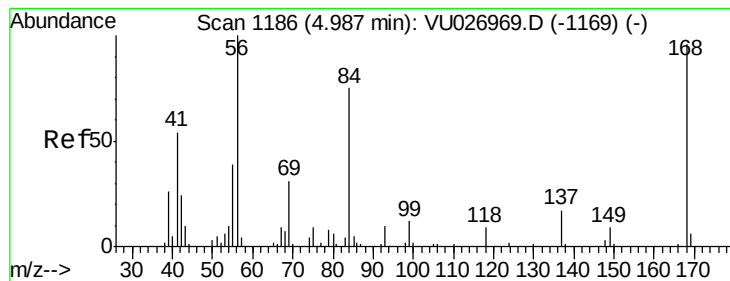
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

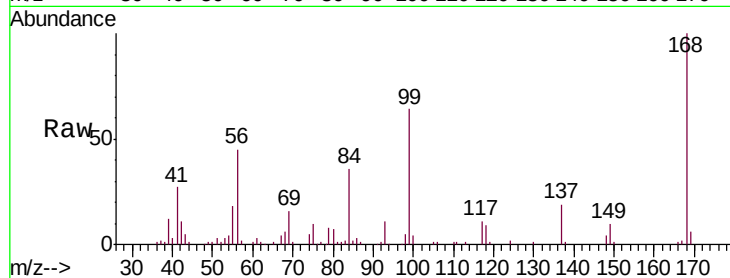
VU0923WBS01

Tgt Ion:168 Resp: 80373

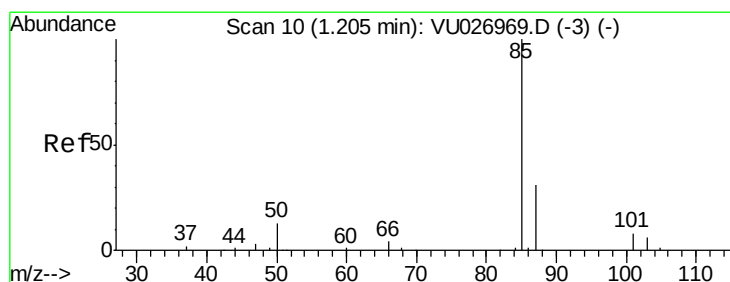
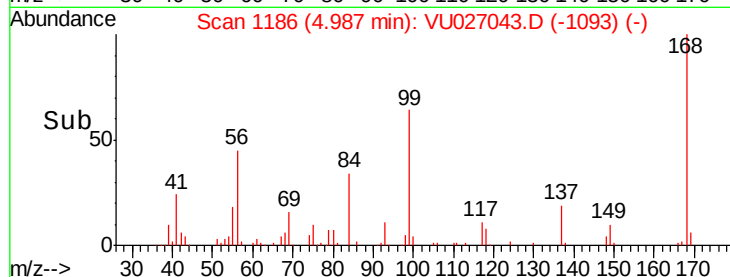
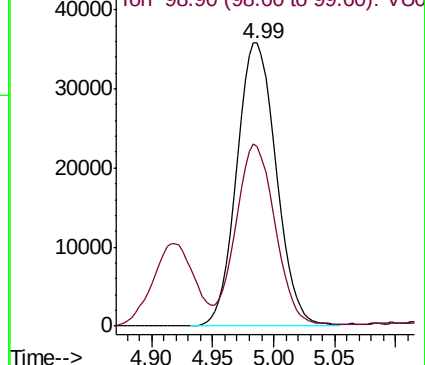
Ion Ratio Lower Upper

168 100

99 62.9 48.1 72.1



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



#2

Dichlorodifluoromethane

Concen: 19.062 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027043.D

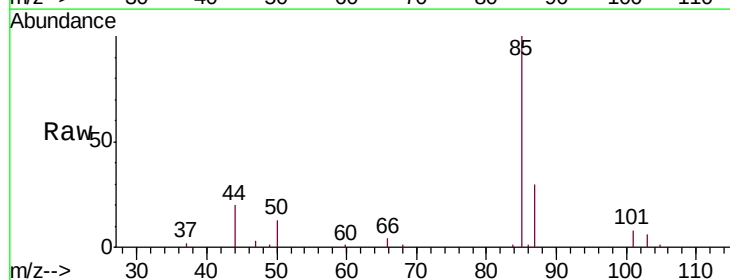
Acq: 23 Sep 2018 02:38

Tgt Ion: 85 Resp: 20003

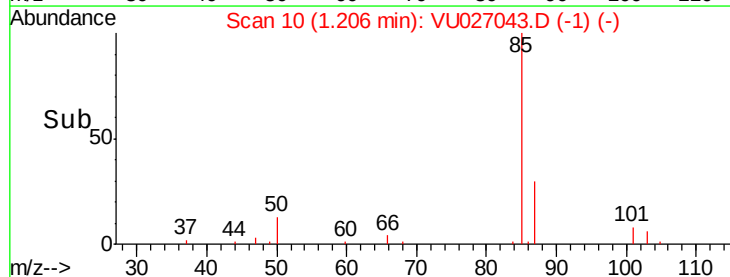
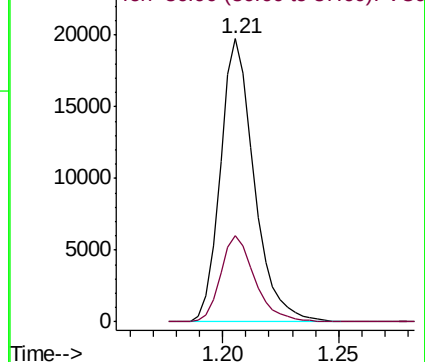
Ion Ratio Lower Upper

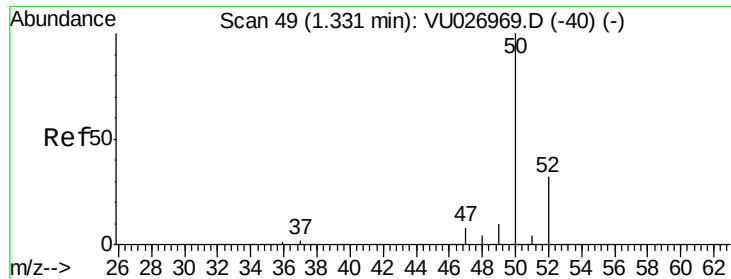
85 100

87 30.4 15.6 46.7



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





#3

Chloromethane

Concen: 18.539 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

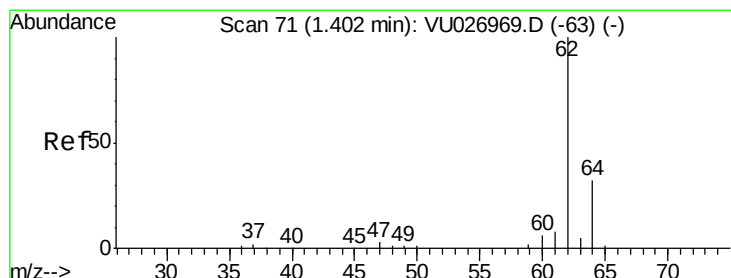
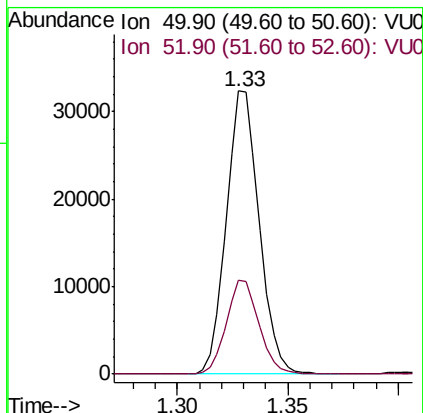
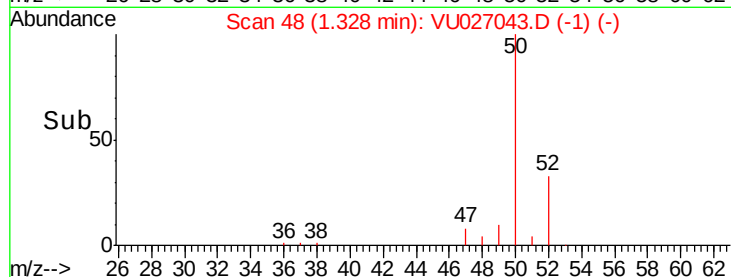
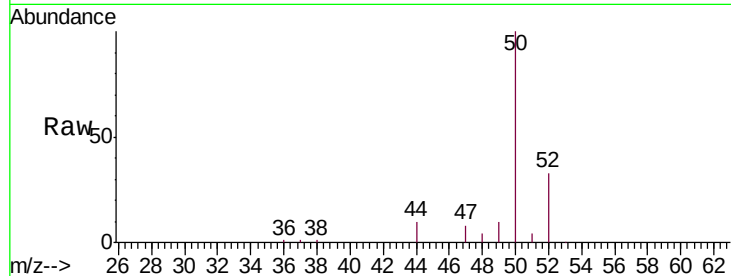
VU0923WBS01

Tgt Ion: 50 Resp: 33541

Ion Ratio Lower Upper

50 100

52 33.1 25.9 38.9



#4

Vinyl Chloride

Concen: 19.082 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027043.D

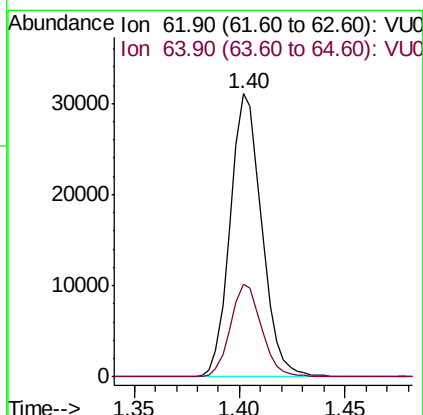
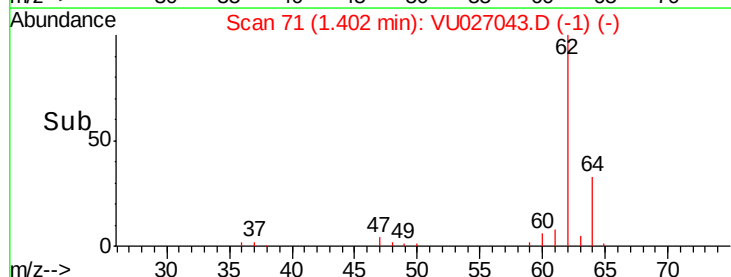
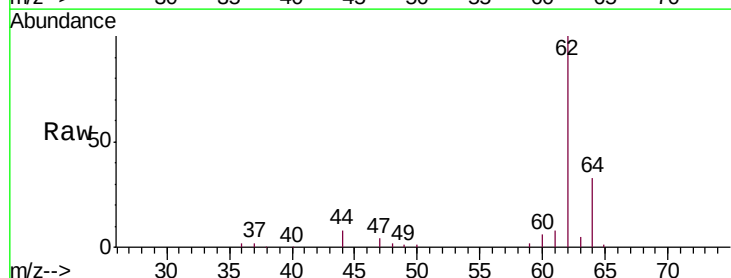
Acq: 23 Sep 2018 02:38

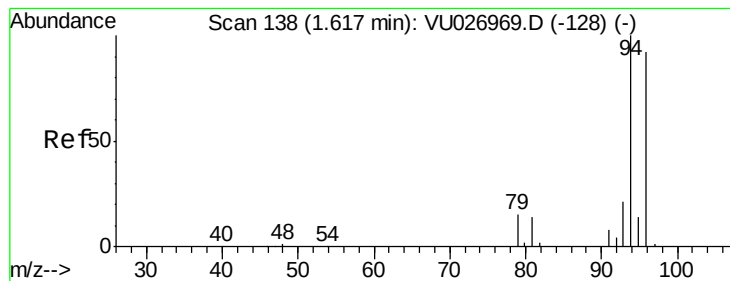
Tgt Ion: 62 Resp: 32226

Ion Ratio Lower Upper

62 100

64 32.6 25.5 38.3





#5

Bromomethane

Concen: 18.635 ug/l

RT: 1.62 min Scan# 140

Delta R.T. 0.01 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

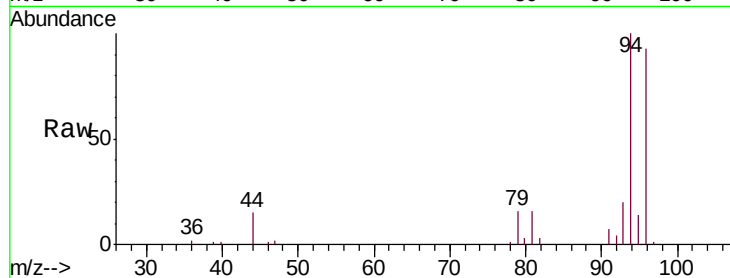
VU0923WBS01

Tgt Ion: 94 Resp: 17922

Ion Ratio Lower Upper

94 100

96 92.7 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.62

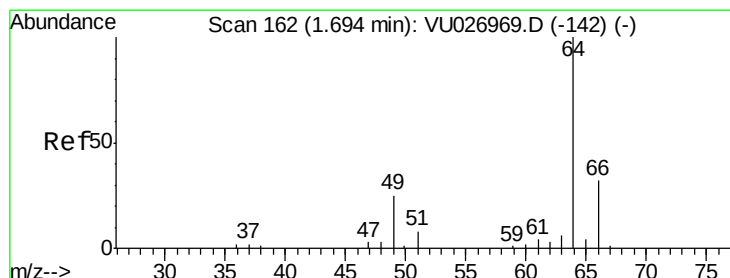
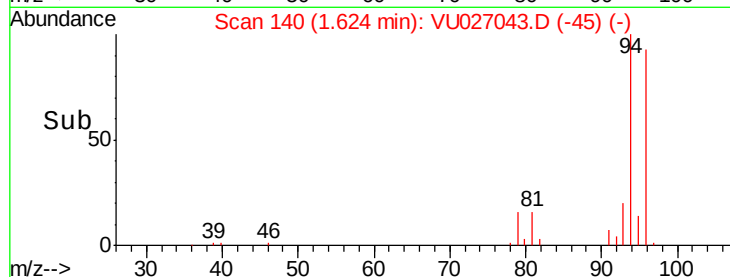
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.938 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027043.D

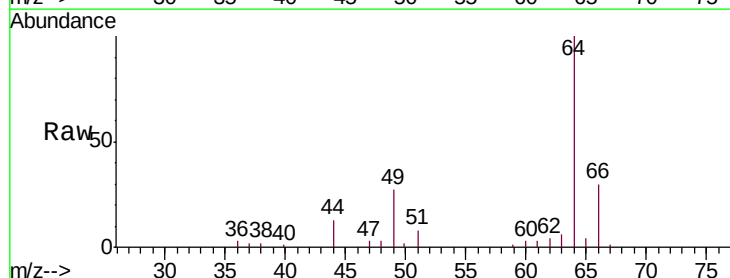
Acq: 23 Sep 2018 02:38

Tgt Ion: 64 Resp: 21514

Ion Ratio Lower Upper

64 100

66 29.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.70

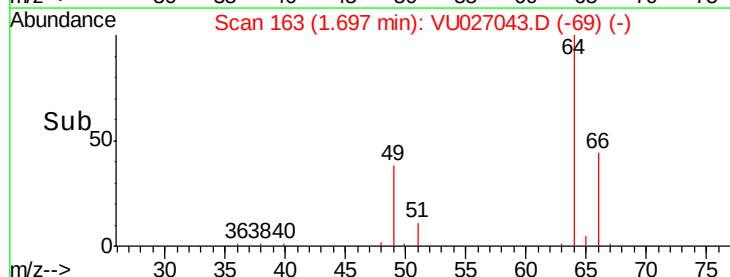
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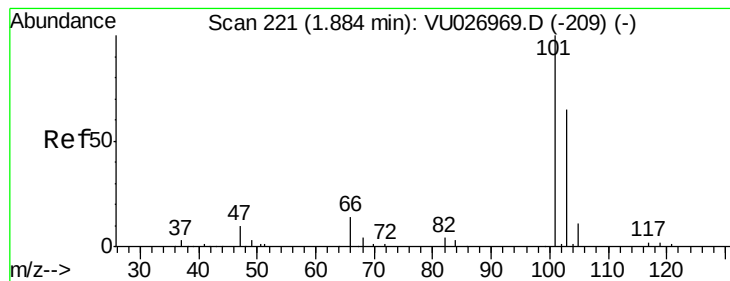
10000

5000

0

Time-->



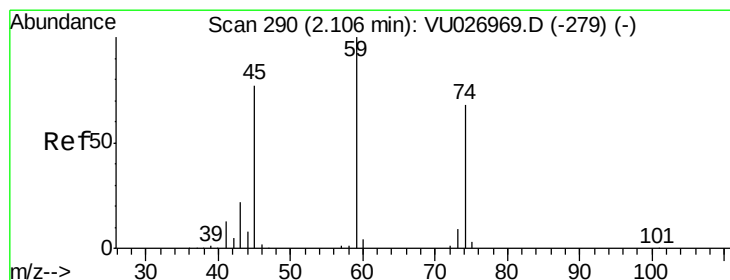
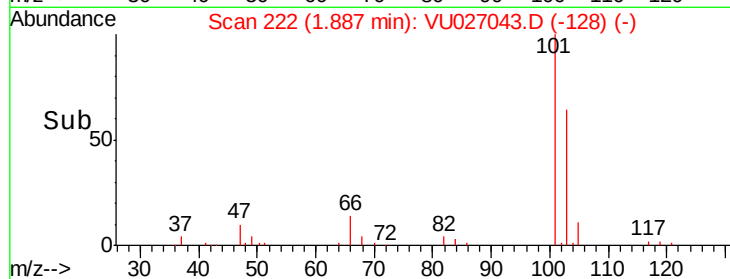
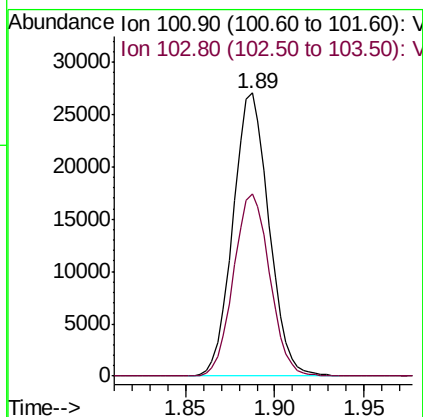
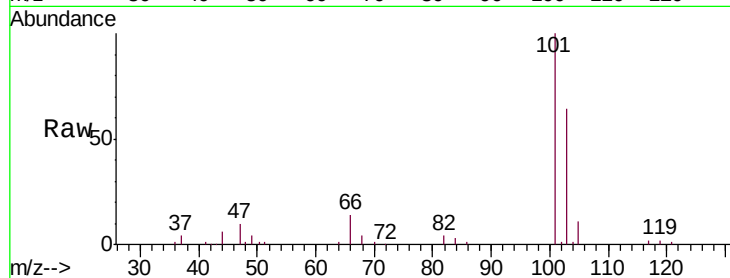


#7

Trichlorofluoromethane
 Concen: 19.776 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

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 VU0923WBS01

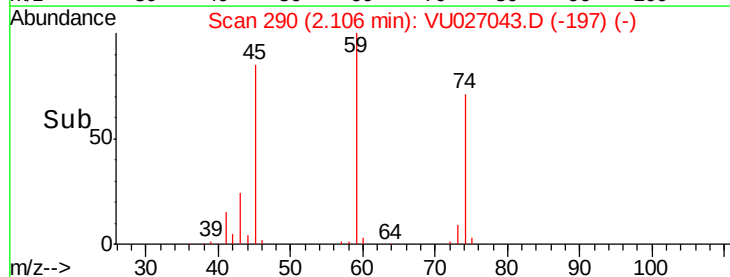
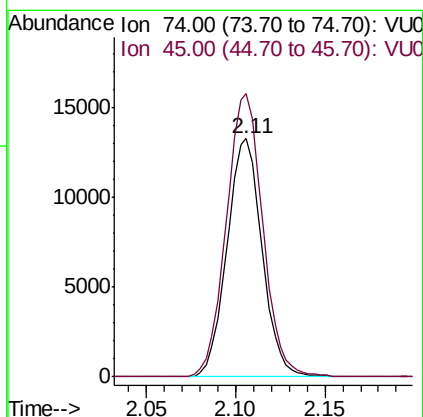
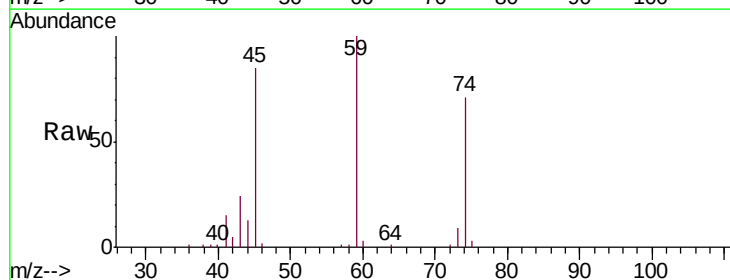
Tgt Ion: 101 Resp: 37932
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.2 78.2

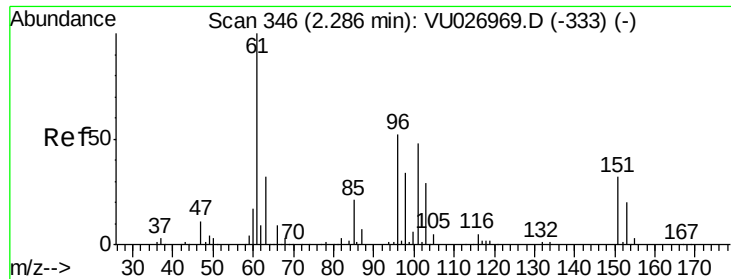


#8

Diethyl Ether
 Concen: 19.548 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

Tgt Ion: 74 Resp: 18048
 Ion Ratio Lower Upper
 74 100
 45 123.8 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.906 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS01

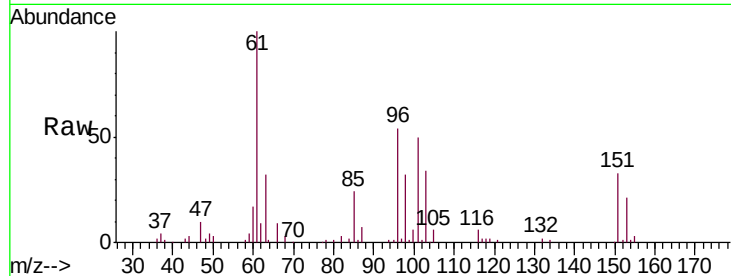
Tgt Ion:101 Resp: 22298

Ion Ratio Lower Upper

101 100

85 47.3 36.2 54.2

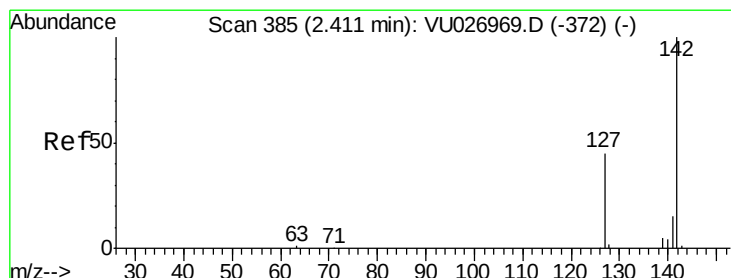
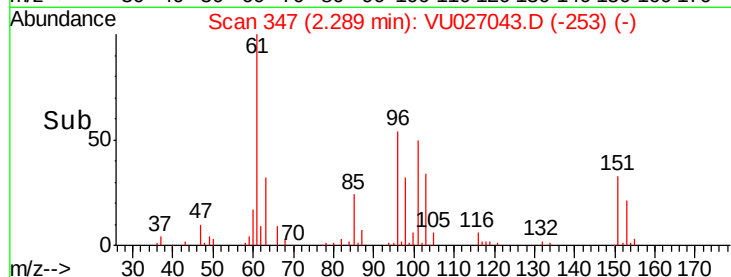
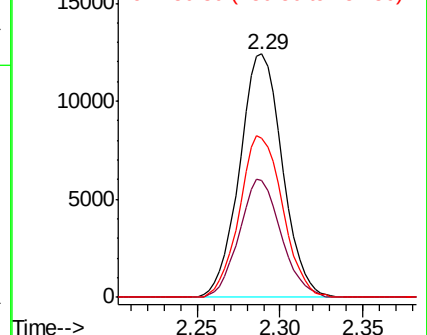
151 66.8 54.5 81.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.458 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

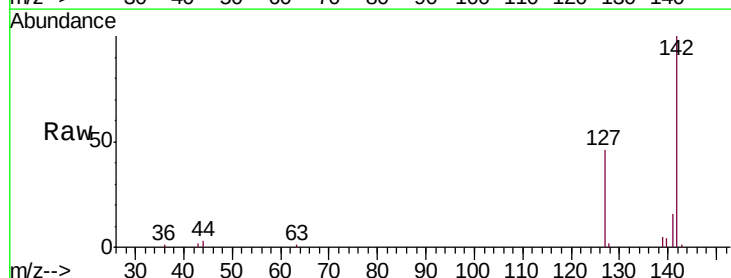
Tgt Ion:142 Resp: 22611

Ion Ratio Lower Upper

142 100

127 46.2 36.7 55.1

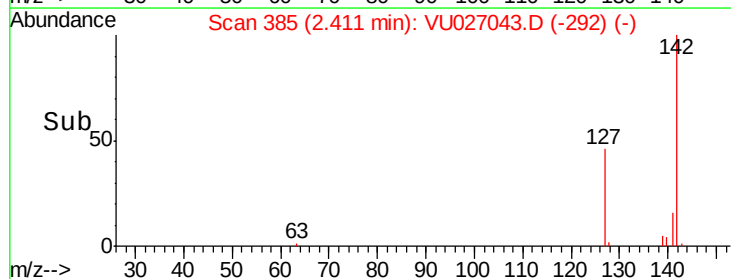
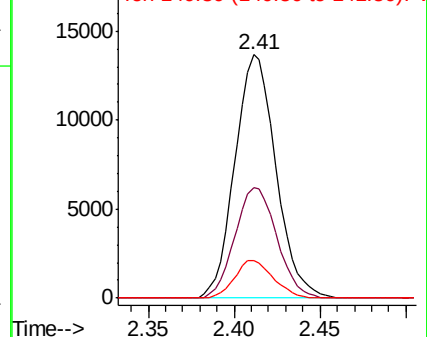
141 14.5 11.8 17.6

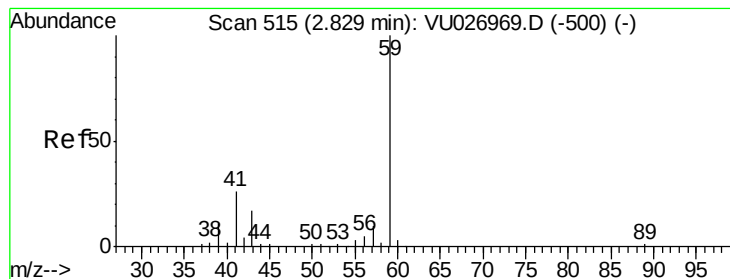


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



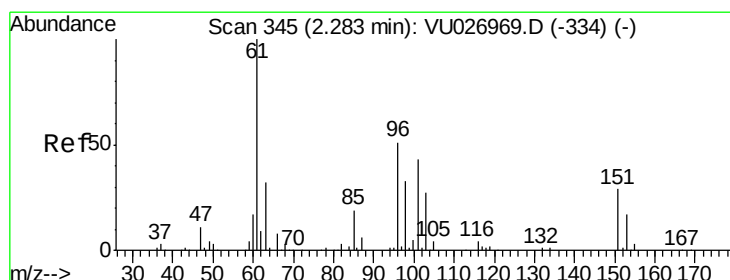
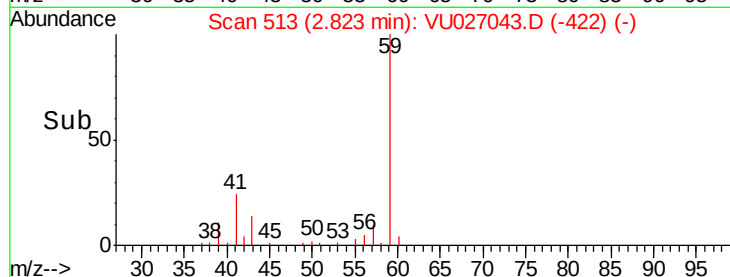
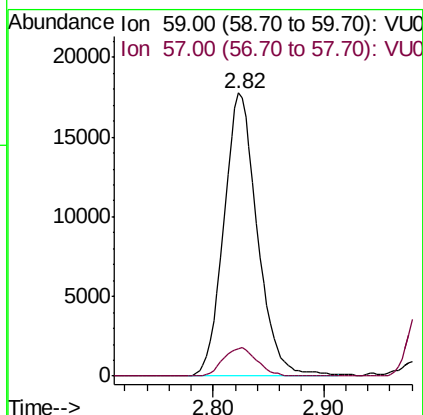
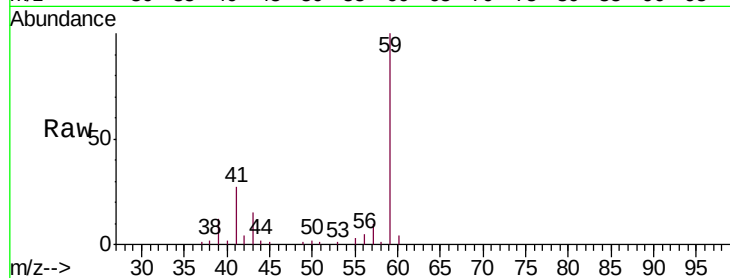


#11

Tert butyl alcohol
 Concen: 101.094 ug/l
 RT: 2.82 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS01

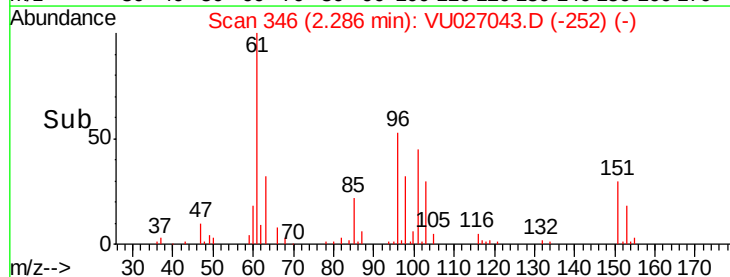
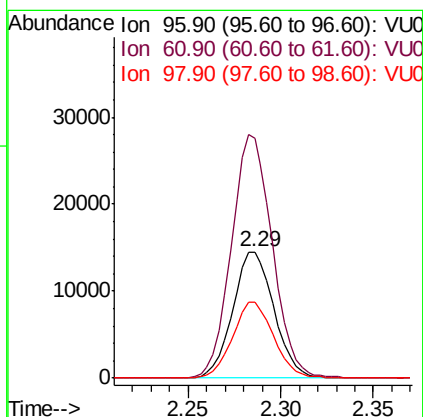
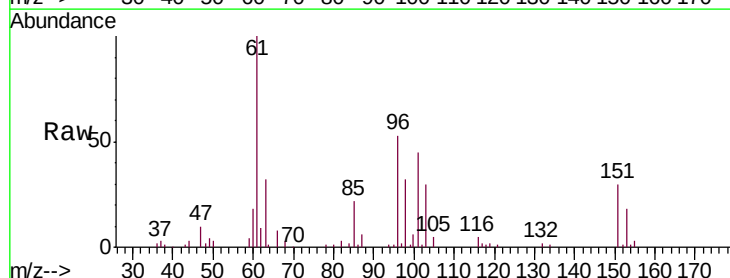
Tgt Ion: 59 Resp: 37483
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.5 12.7

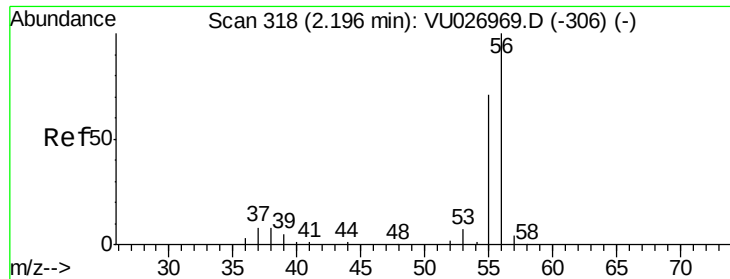


#12

1,1-Dichloroethene
 Concen: 20.120 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

Tgt Ion: 96 Resp: 22335
 Ion Ratio Lower Upper
 96 100
 61 190.2 156.1 234.1
 98 60.1 51.4 77.0





#13

Acrolein

Concen: 97.077 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

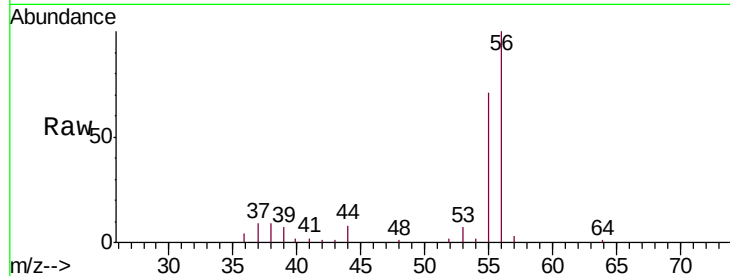
VU0923WBS01

Tgt Ion: 56 Resp: 19403

Ion Ratio Lower Upper

56 100

55 69.8 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

15000

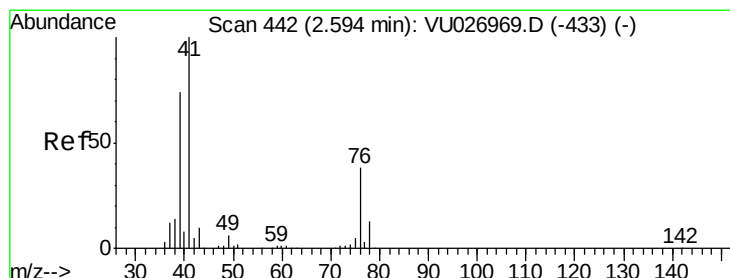
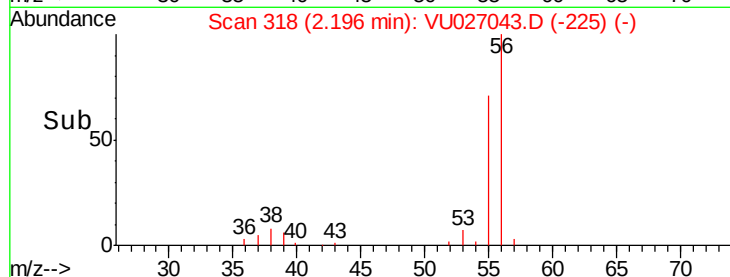
10000

5000

0

2.15 2.20 2.25

Time-->



#14

Allyl chloride

Concen: 20.598 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

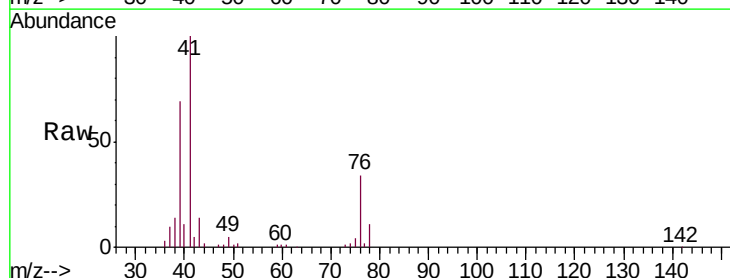
Tgt Ion: 41 Resp: 46377

Ion Ratio Lower Upper

41 100

39 70.6 55.7 83.5

76 33.0 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

30000

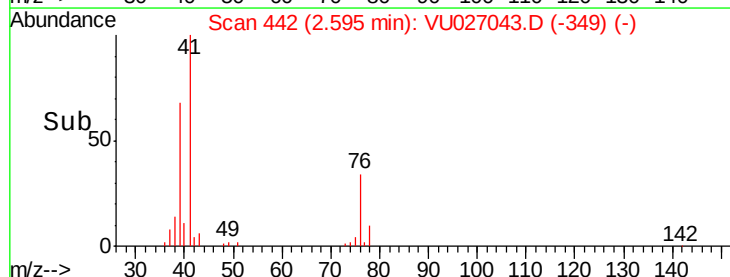
20000

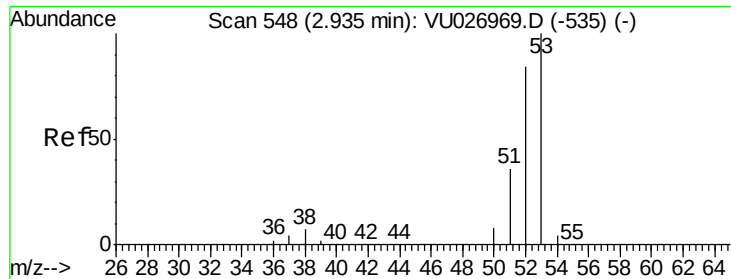
10000

0

2.55 2.60 2.65

Time-->





#15

Acrylonitrile

Concen: 103.466 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS01

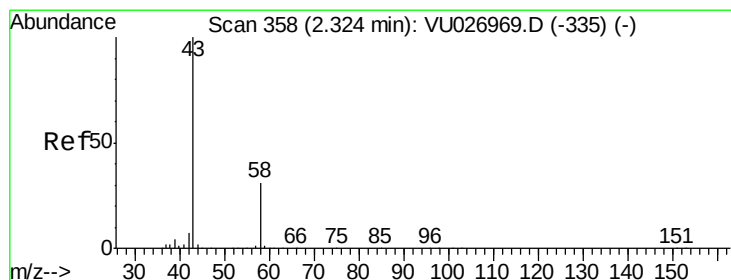
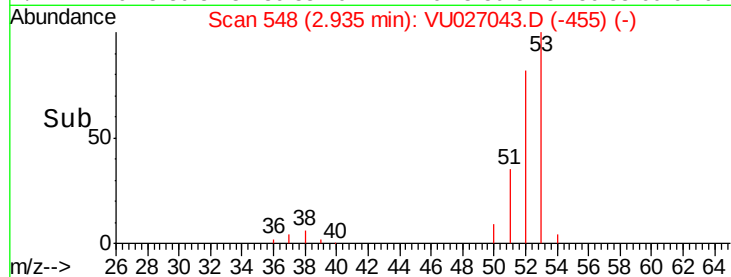
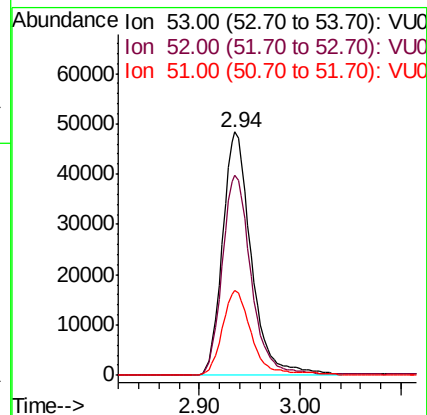
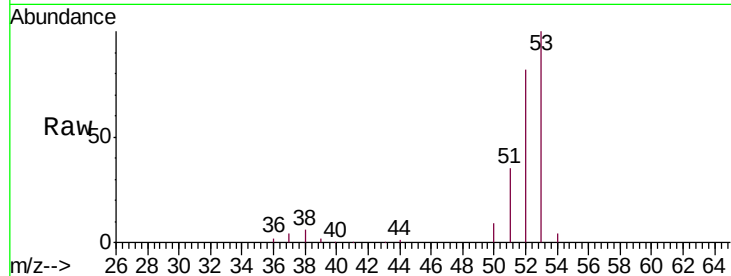
Tgt Ion: 53 Resp: 96688

Ion Ratio Lower Upper

53 100

52 82.4 65.7 98.5

51 35.5 27.4 41.2



#16

Acetone

Concen: 89.932 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027043.D

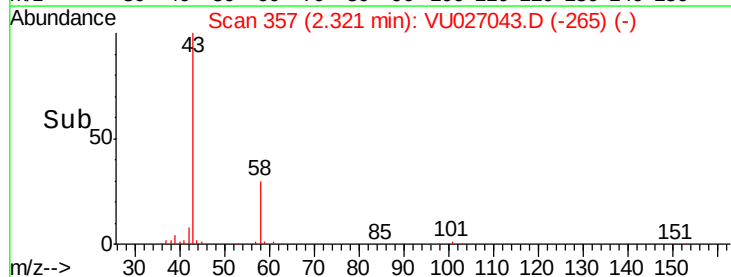
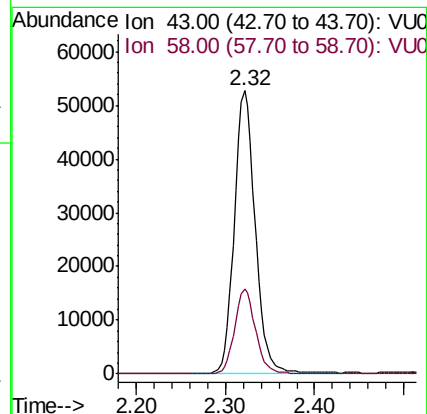
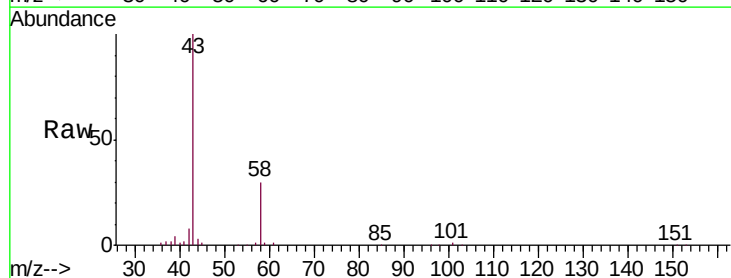
Acq: 23 Sep 2018 02:38

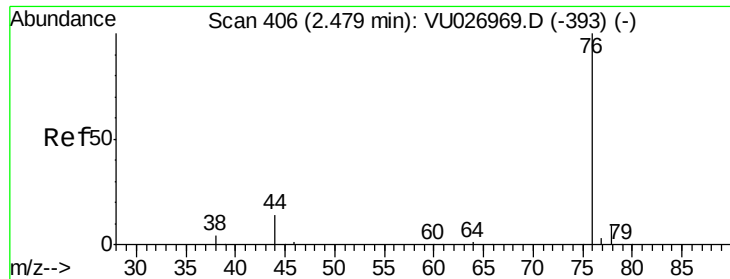
Tgt Ion: 43 Resp: 86404

Ion Ratio Lower Upper

43 100

58 30.1 24.6 36.8

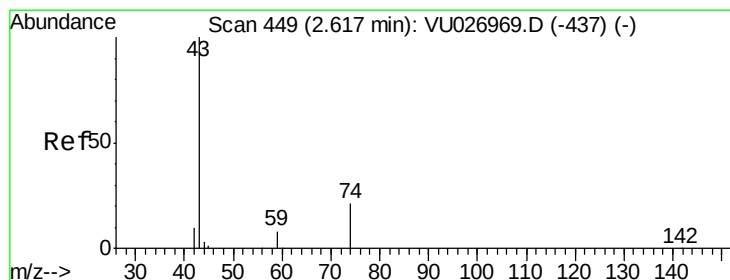
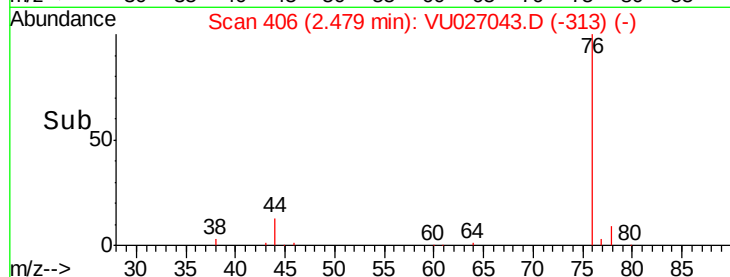
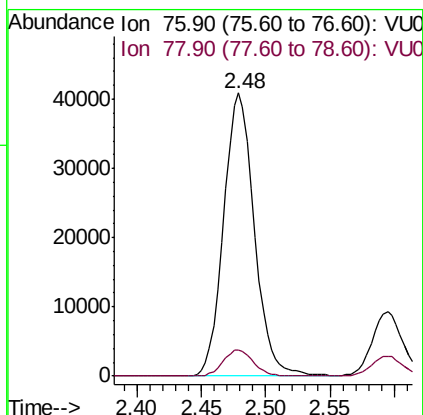
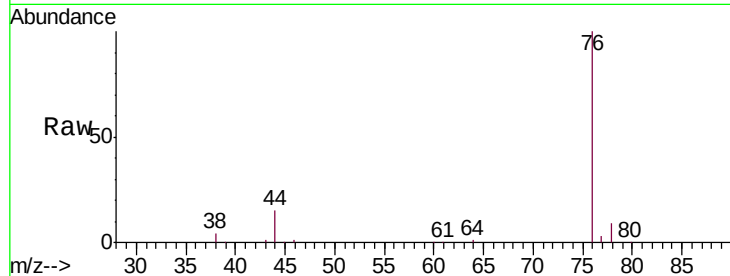




#17
Carbon Disulfide
Concen: 18.707 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

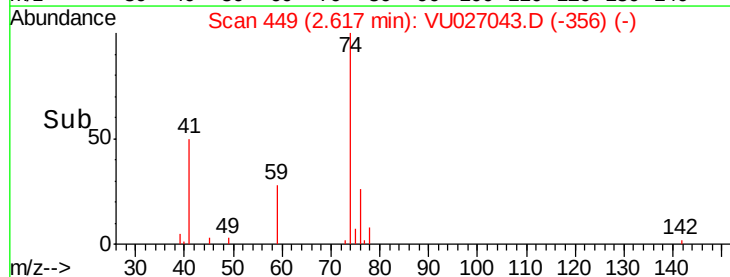
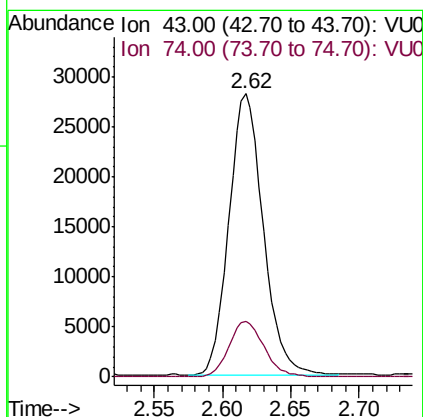
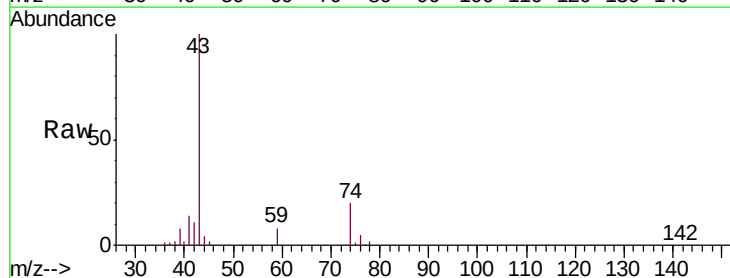
Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS01

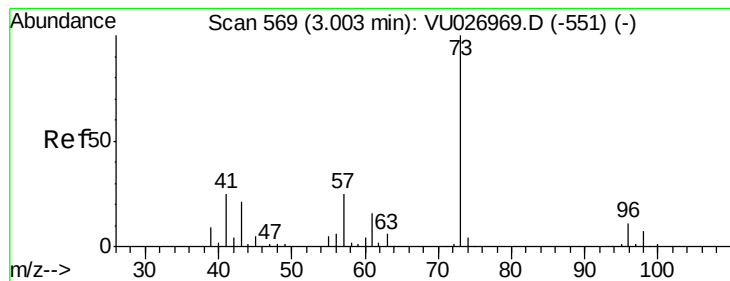
Tgt Ion: 76 Resp: 67648
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 21.238 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

Tgt Ion: 43 Resp: 48900
Ion Ratio Lower Upper
43 100
74 20.3 16.6 25.0



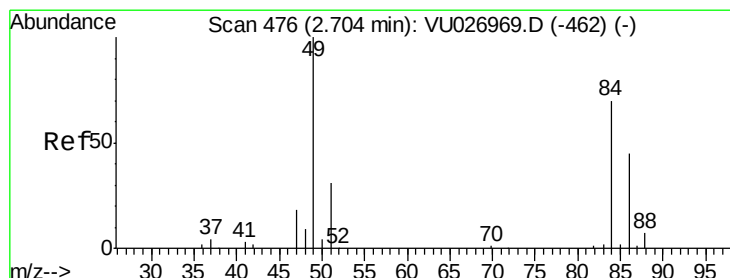
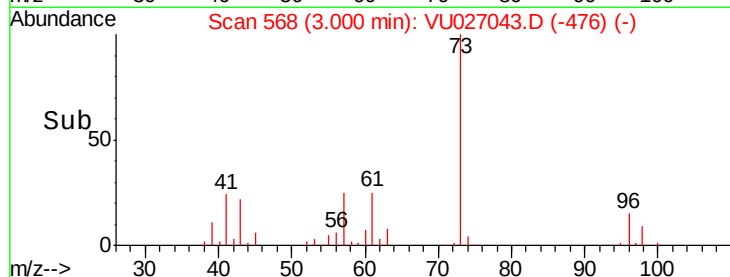
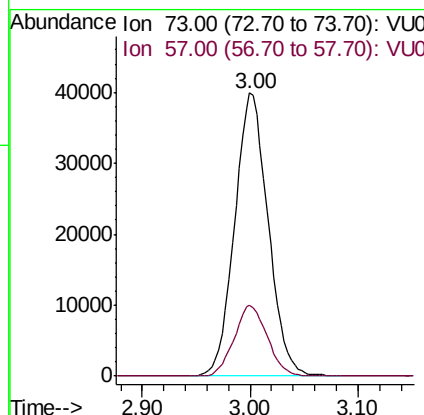
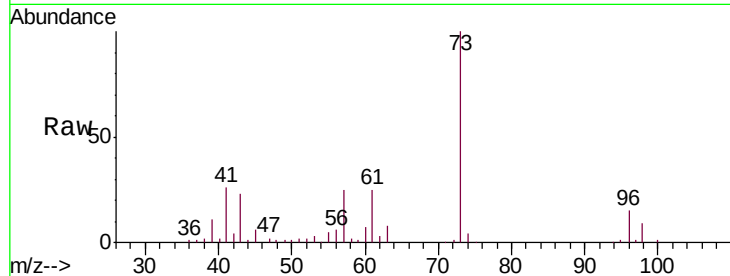


#19

Methyl tert-butyl Ether
 Concen: 21.141 ug/l
 RT: 3.00 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS01

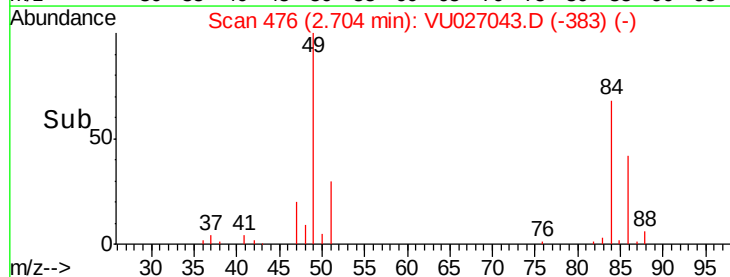
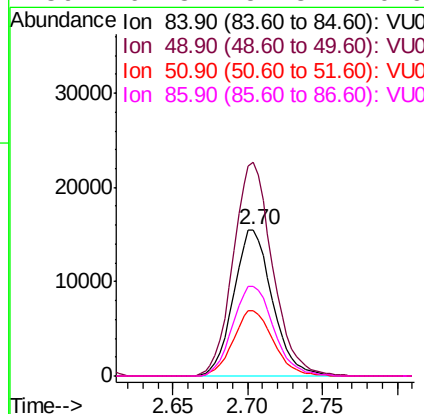
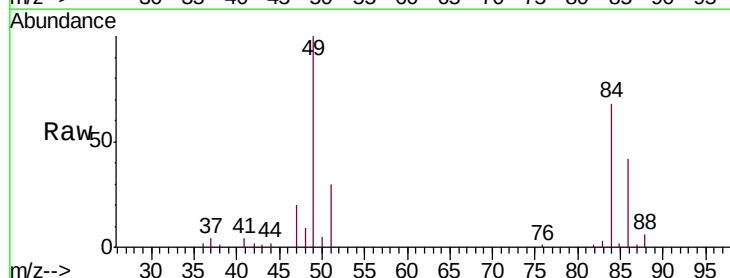
Tgt Ion: 73 Resp: 86240
 Ion Ratio Lower Upper
 73 100
 57 25.2 19.8 29.6

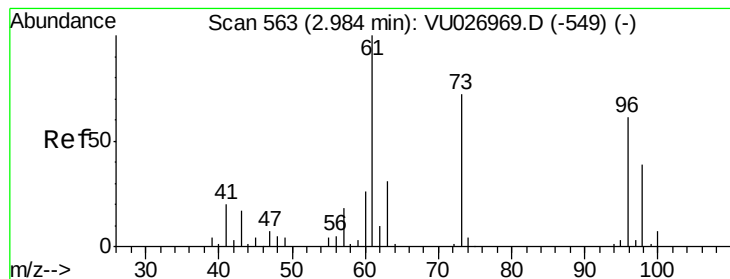


#20

Methylene Chloride
 Concen: 19.332 ug/l
 RT: 2.70 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

Tgt Ion: 84 Resp: 28007
 Ion Ratio Lower Upper
 84 100
 49 146.2 114.9 172.3
 51 44.5 35.8 53.8
 86 61.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.058 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS01

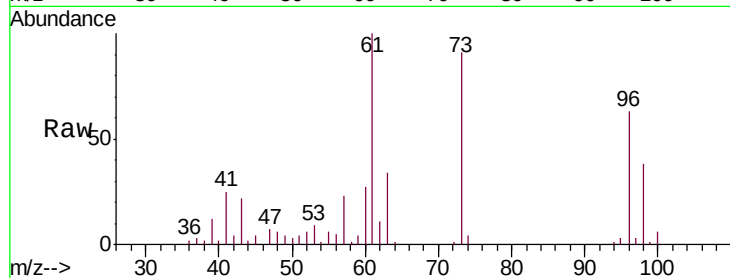
Tgt Ion: 96 Resp: 23773

Ion Ratio Lower Upper

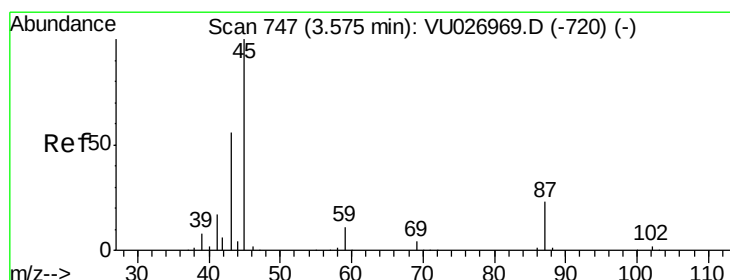
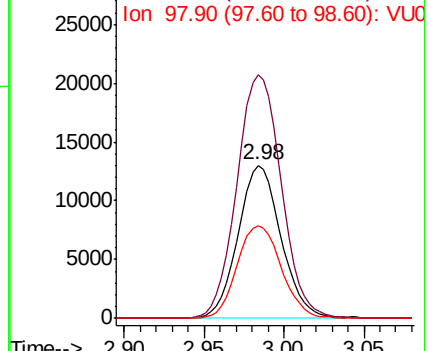
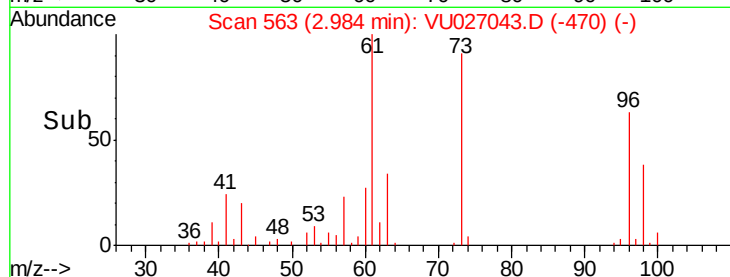
96 100

61 158.9 131.8 197.6

98 60.4 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VU027043.D (-470) (-)



#22

Diisopropyl ether

Concen: 22.443 ug/l

RT: 3.58 min Scan# 747

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Tgt Ion: 45 Resp: 108080

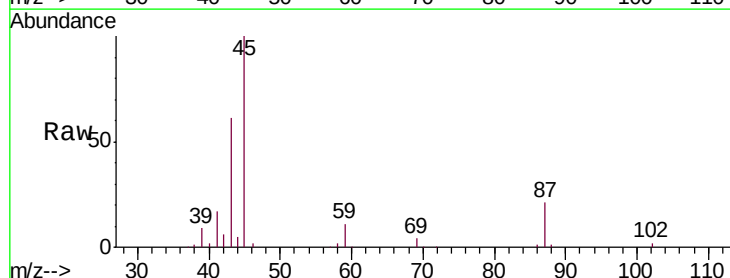
Ion Ratio Lower Upper

45 100

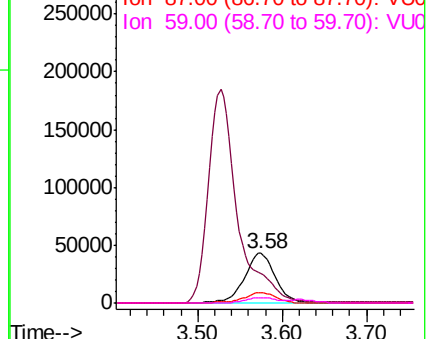
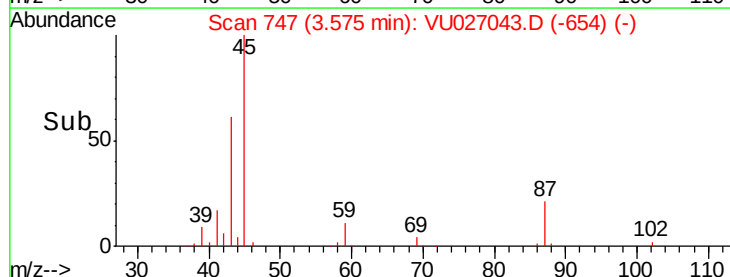
43 58.7 45.8 68.6

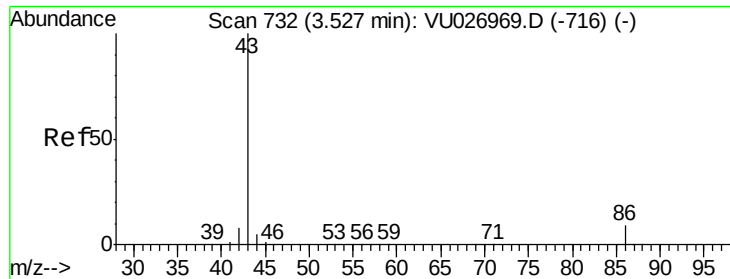
87 21.2 18.6 28.0

59 11.3 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU027043.D (-654) (-)





#23

Vinyl Acetate

Concen: 108.560 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

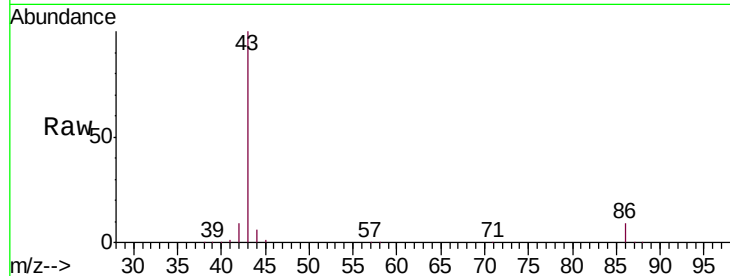
VU0923WBS01

Tgt Ion: 43 Resp: 445644

Ion Ratio Lower Upper

43 100

86 8.7 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-716) (-)

Ion 86.00 (85.70 to 86.70): VU026969.D (-716) (-)

3.53

200000

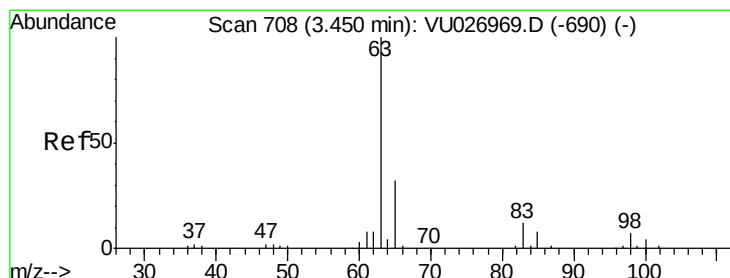
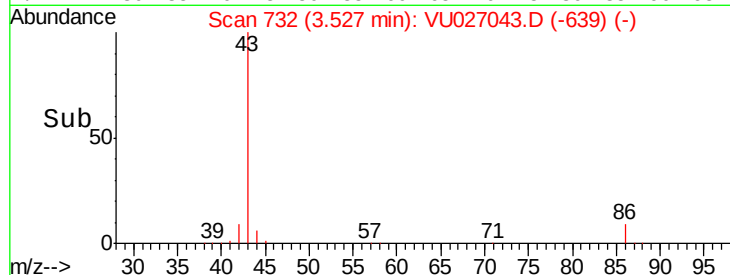
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.646 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

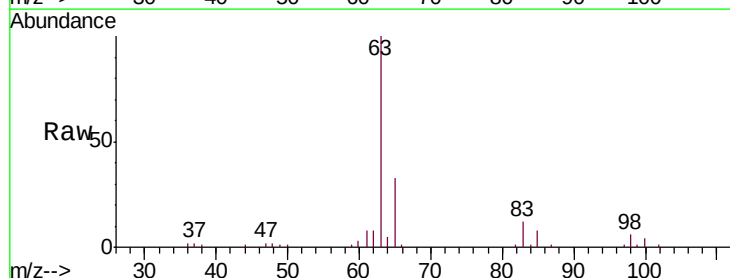
Tgt Ion: 63 Resp: 54759

Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.8

100 3.6 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-690) (-)

Ion 97.90 (97.60 to 98.60): VU026969.D (-690) (-)

Ion 99.90 (99.60 to 100.60): VU026969.D (-690) (-)

3.45

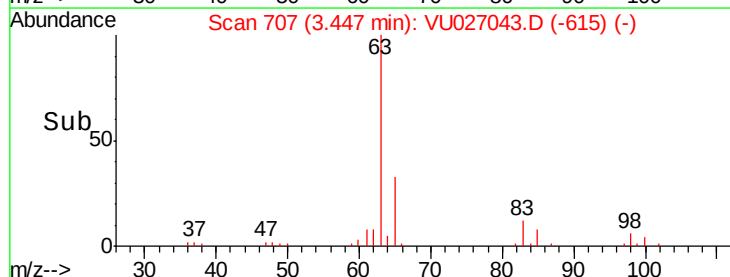
30000

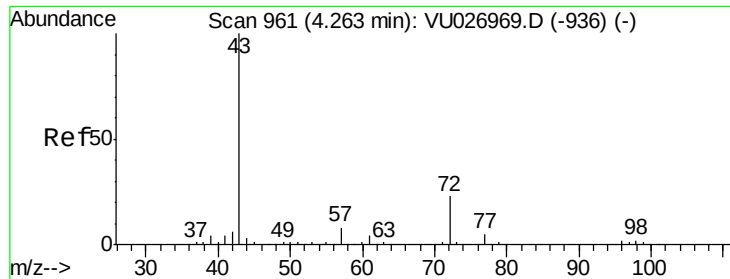
20000

10000

0

Time-->





#25

2-Butanone

Concen: 100.025 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

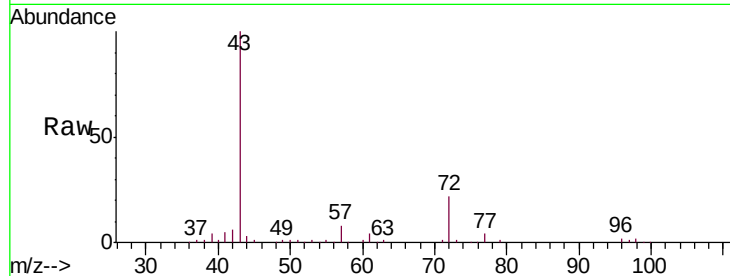
VU0923WBS01

Tgt Ion: 43 Resp: 135979

Ion Ratio Lower Upper

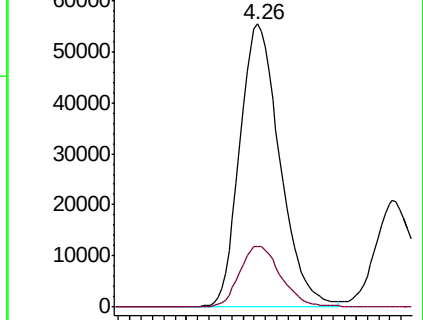
43 100

72 21.6 18.4 27.6

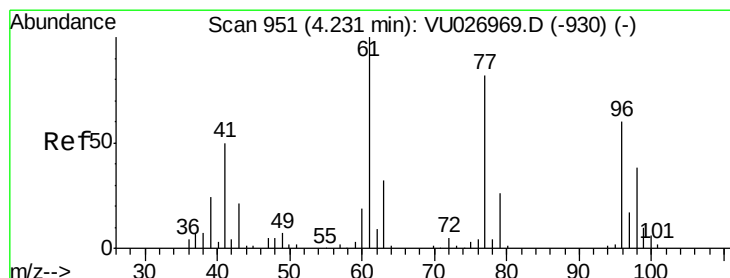
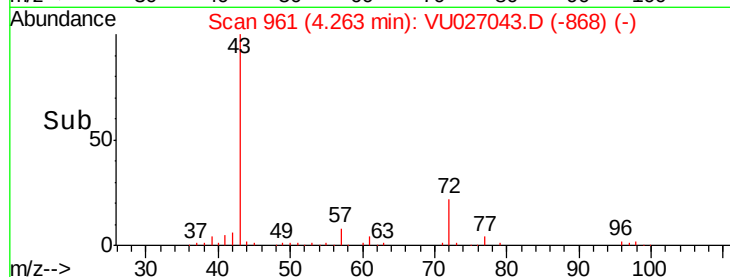


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



Time-->



#26

2,2-Dichloropropane

Concen: 16.244 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU027043.D

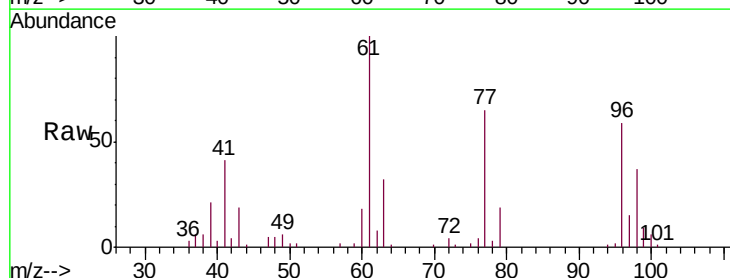
Acq: 23 Sep 2018 02:38

Tgt Ion: 77 Resp: 33600

Ion Ratio Lower Upper

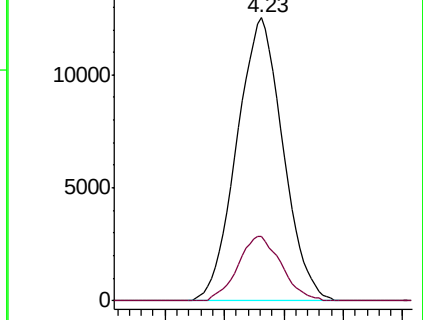
77 100

97 21.4 10.5 31.5

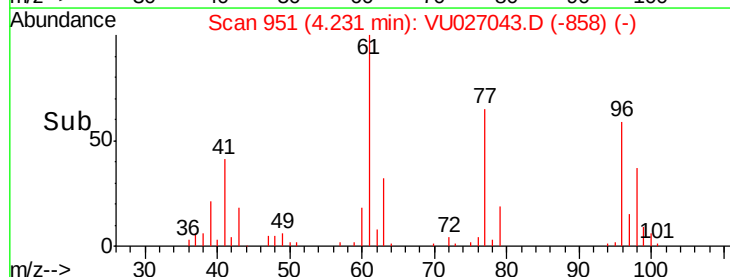


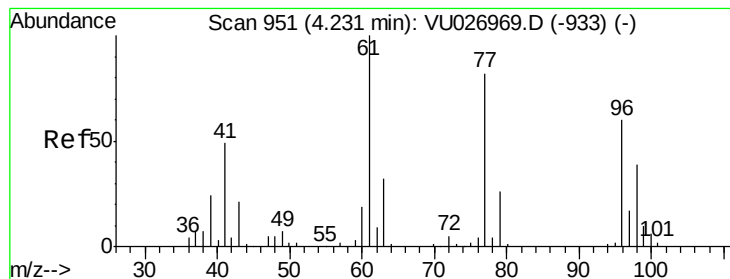
Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



Time-->



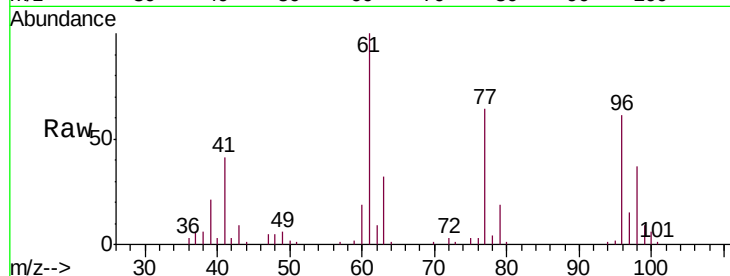


#27

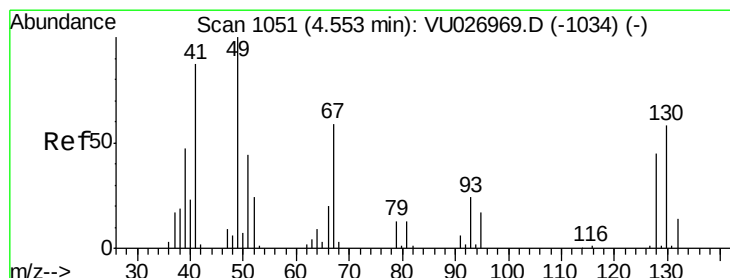
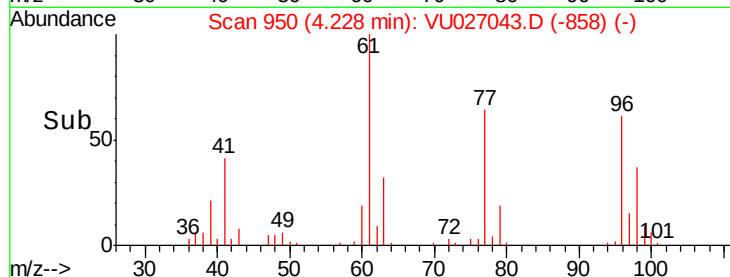
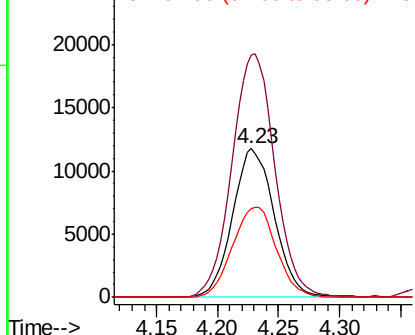
cis-1,2-Dichloroethene
 Concen: 20.784 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS01

Tgt Ion: 96 Resp: 27818
 Ion Ratio Lower Upper
 96 100
 61 168.8 0.0 337.2
 98 63.4 0.0 127.6



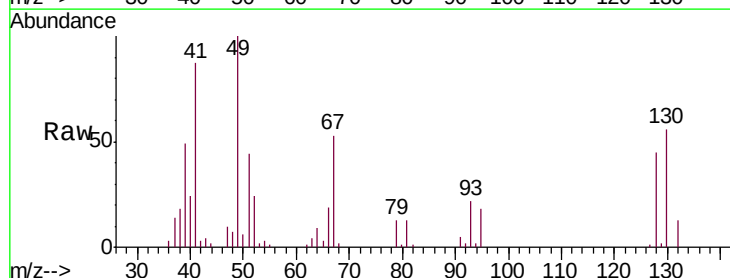
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



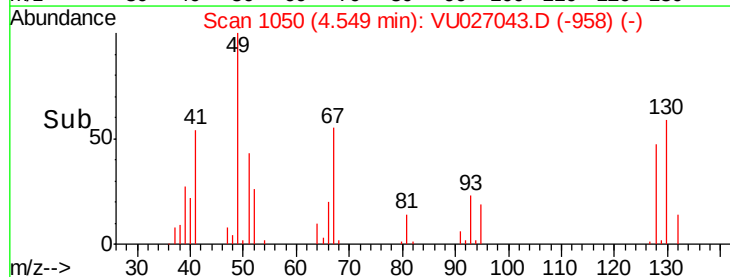
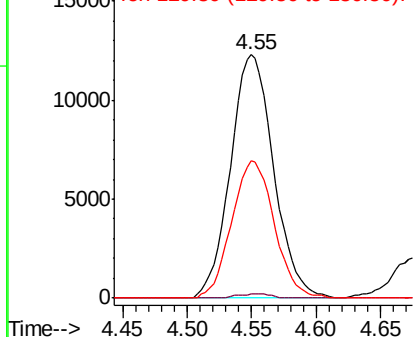
#28

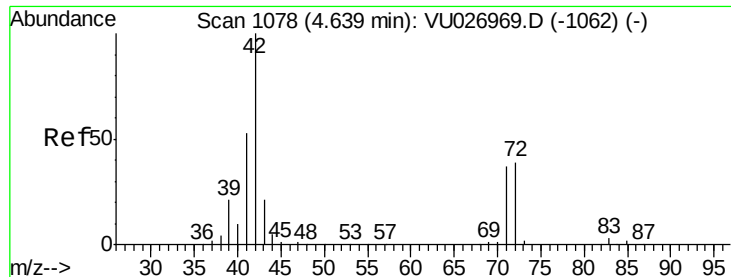
Bromochloromethane
 Concen: 22.386 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

Tgt Ion: 49 Resp: 28621
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.0
 130 55.5 47.8 71.8



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





#29

Tetrahydrofuran

Concen: 107.893 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS01

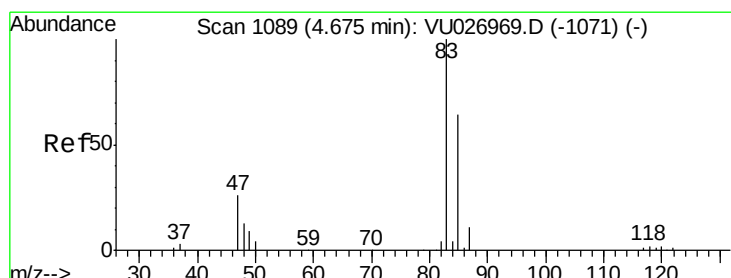
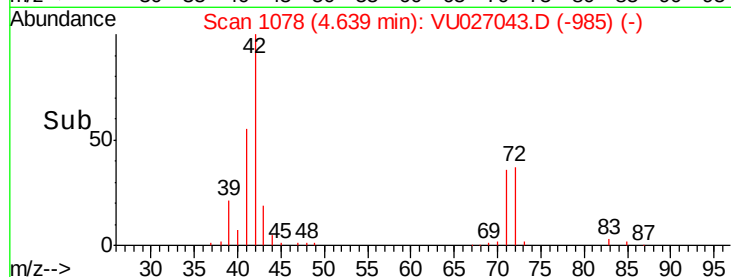
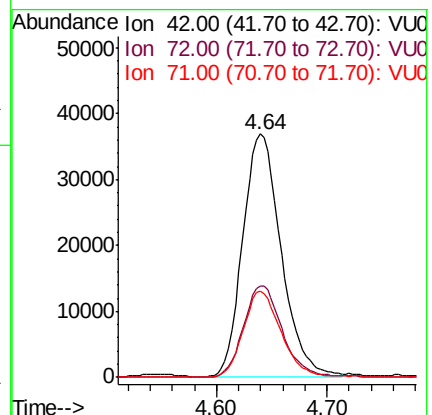
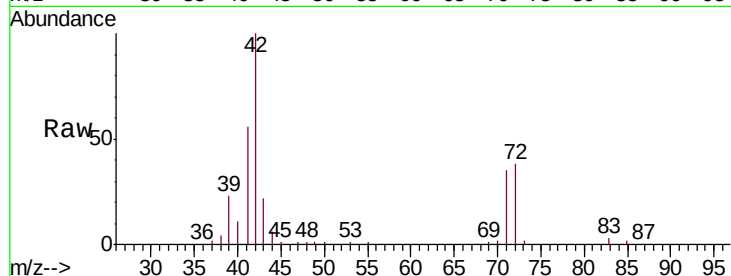
Tgt Ion: 42 Resp: 88728

Ion Ratio Lower Upper

42 100

72 38.3 31.7 47.5

71 34.9 29.6 44.4



#30

Chloroform

Concen: 20.212 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027043.D

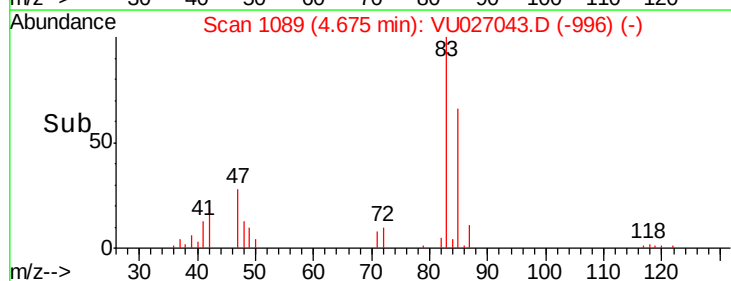
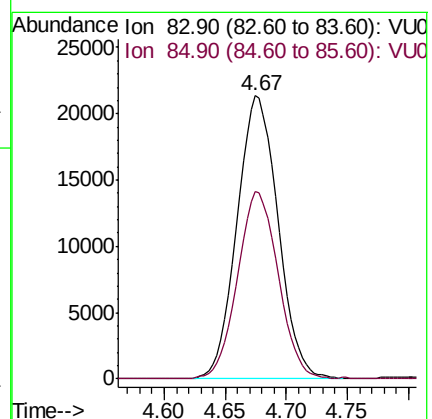
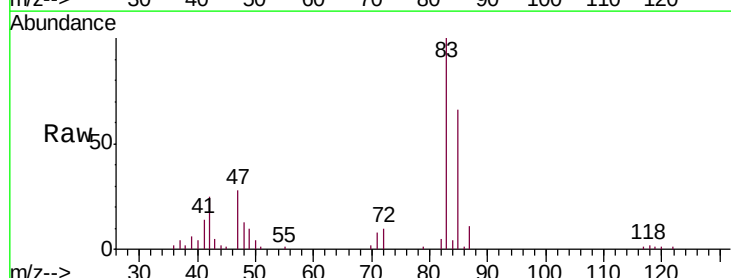
Acq: 23 Sep 2018 02:38

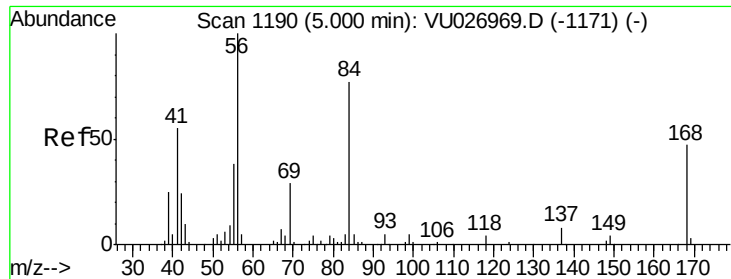
Tgt Ion: 83 Resp: 49761

Ion Ratio Lower Upper

83 100

85 66.3 51.5 77.3

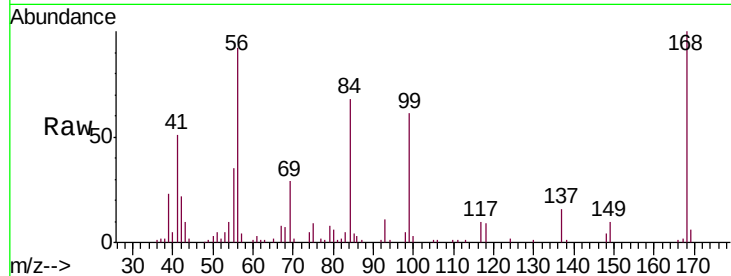




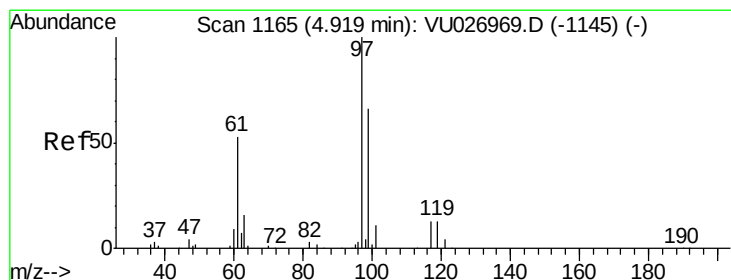
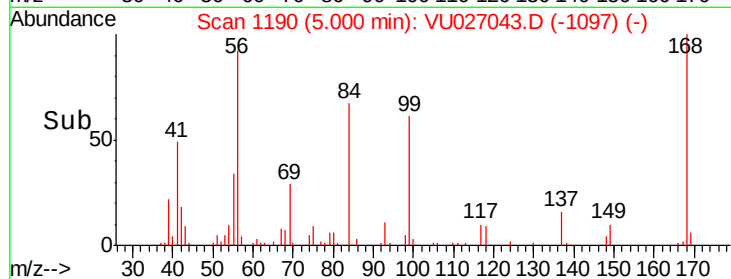
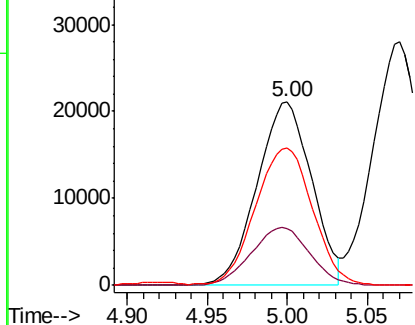
#31
Cyclohexane
Concen: 20.319 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS01

Tgt Ion: 56 Resp: 49811
Ion Ratio Lower Upper
56 100
69 31.2 23.0 34.4
84 73.8 61.4 92.2

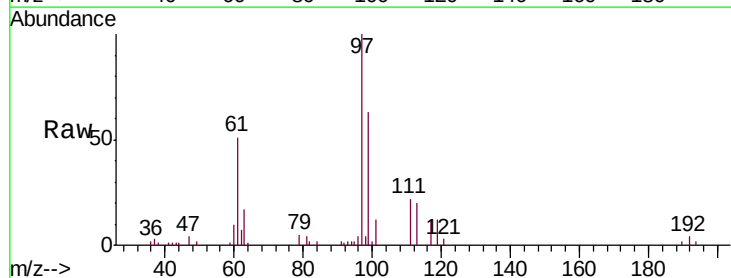


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

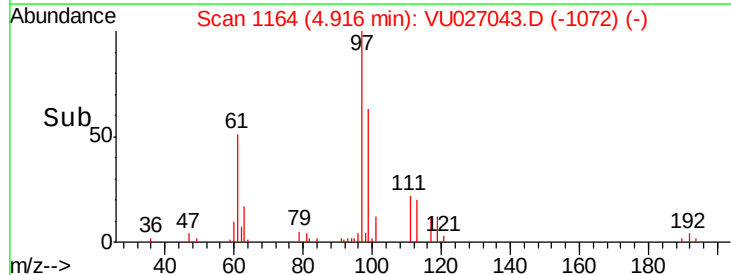
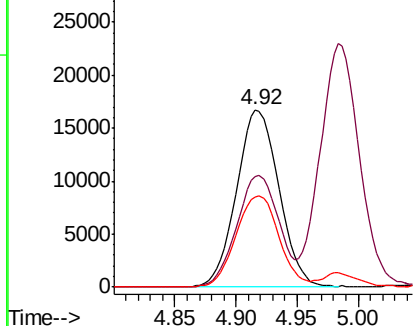


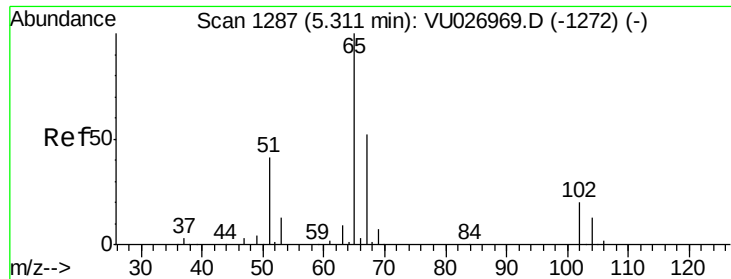
#32
1,1,1-Trichloroethane
Concen: 20.486 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

Tgt Ion: 97 Resp: 40270
Ion Ratio Lower Upper
97 100
99 62.6 51.8 77.6
61 52.5 41.1 61.7



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

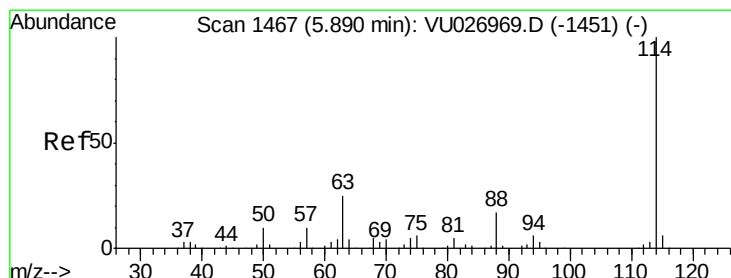
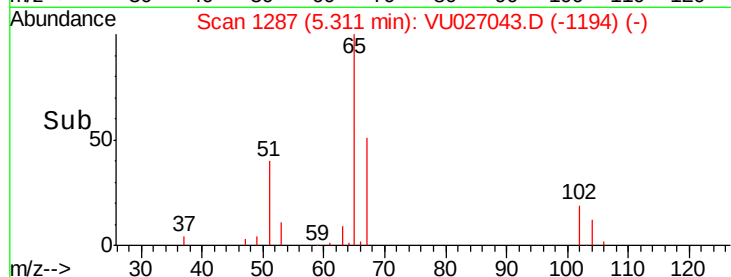
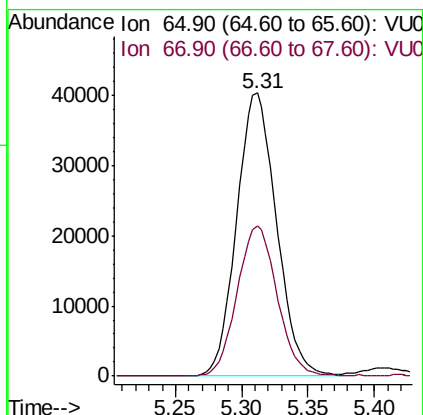
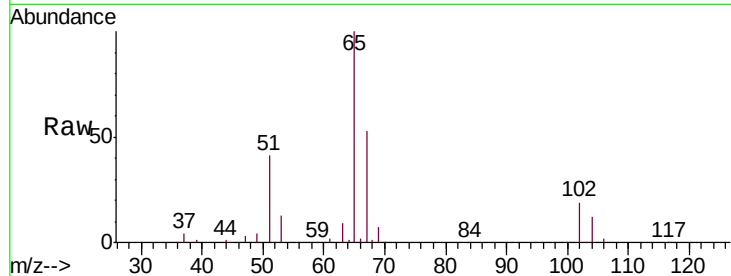




#33
 1,2-Dichloroethane-d4
 Concen: 52.303 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

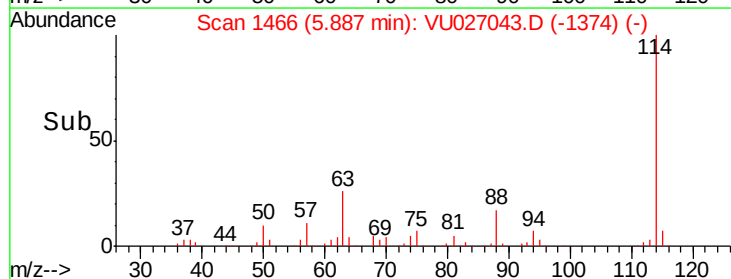
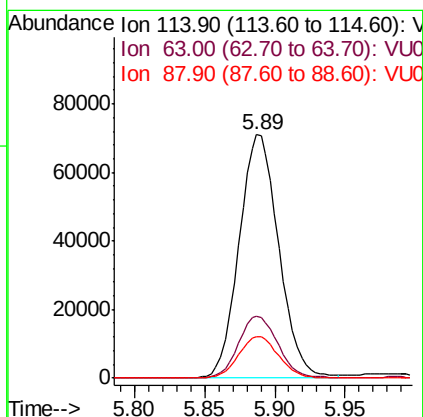
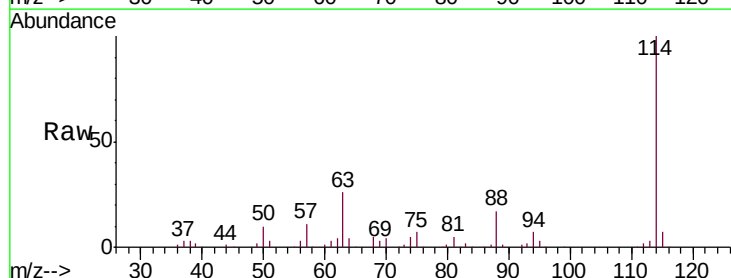
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS01

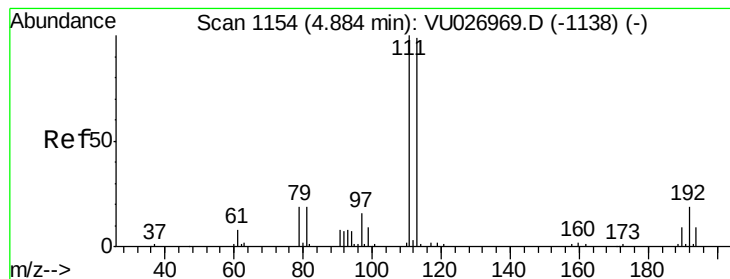
Tgt Ion: 65 Resp: 84607
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

Tgt Ion: 114 Resp: 140025
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 49.2
 88 17.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.011 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS01

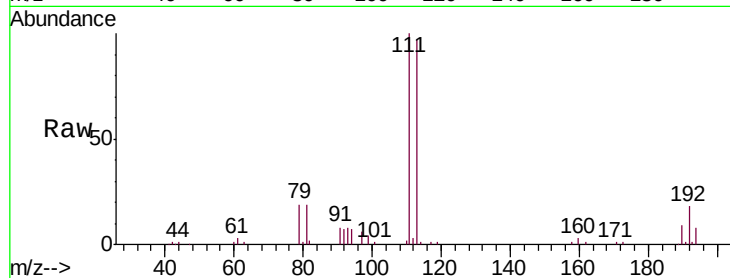
Tgt Ion:113 Resp: 59486

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

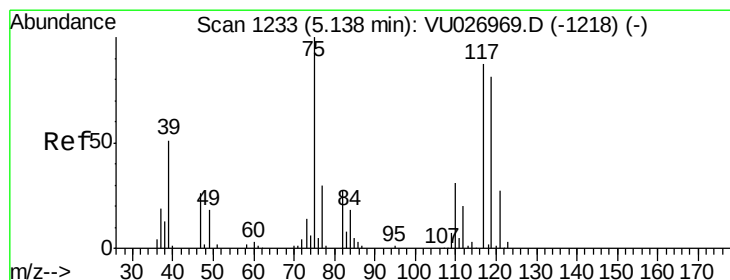
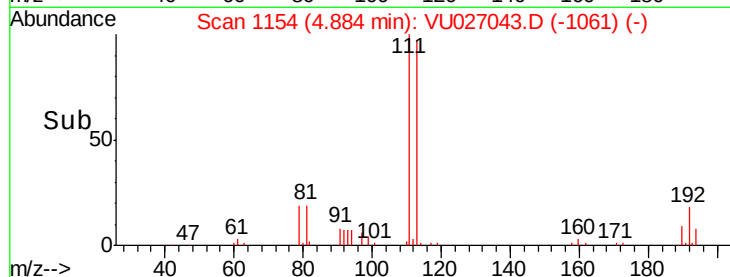
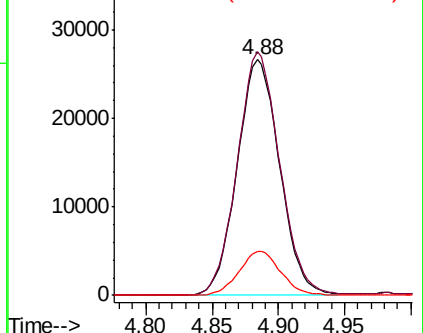
192 18.2 15.2 22.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.738 ug/l

RT: 5.14 min Scan# 1234

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

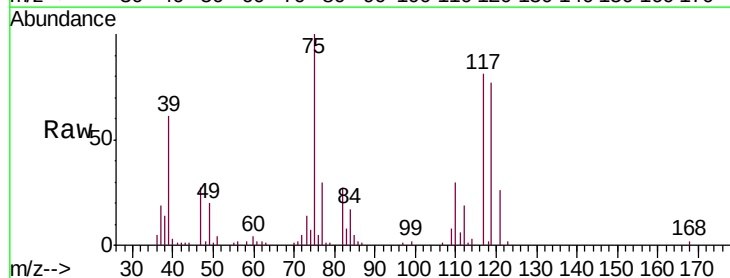
Tgt Ion: 75 Resp: 36886

Ion Ratio Lower Upper

75 100

110 30.9 16.1 48.2

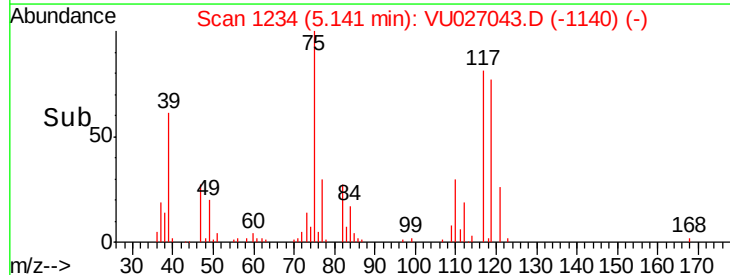
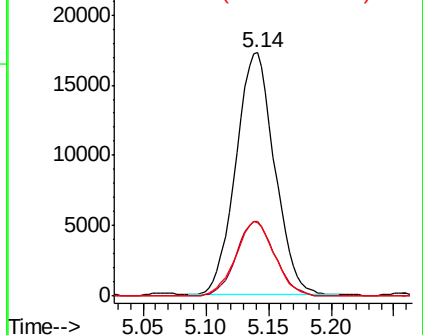
77 30.9 24.6 36.8

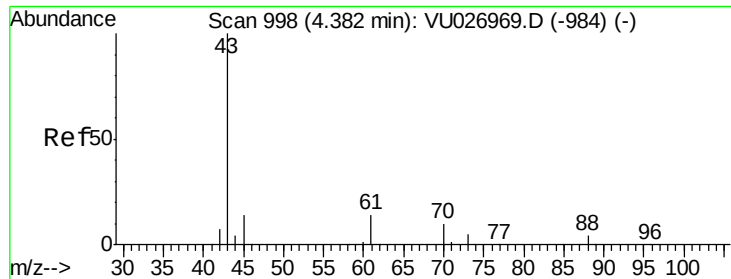


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

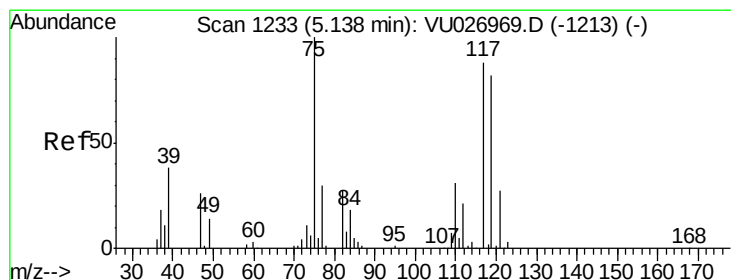
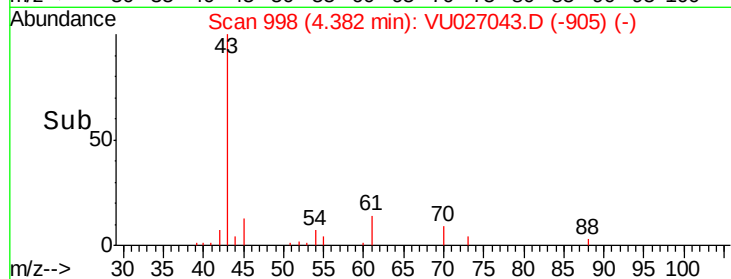
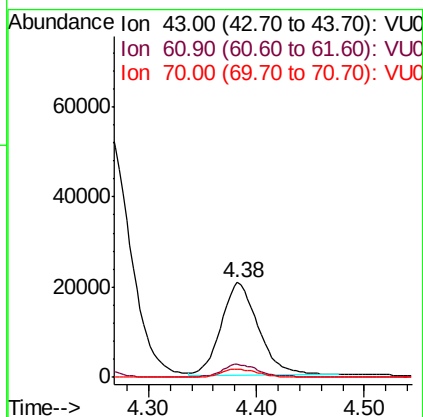
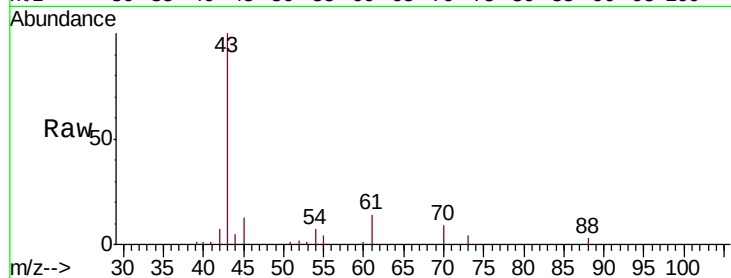




#37
Ethyl Acetate
Concen: 19.628 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

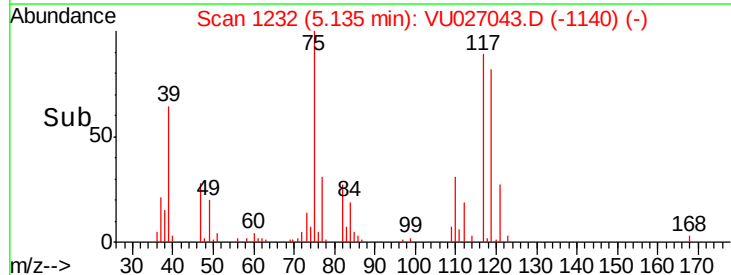
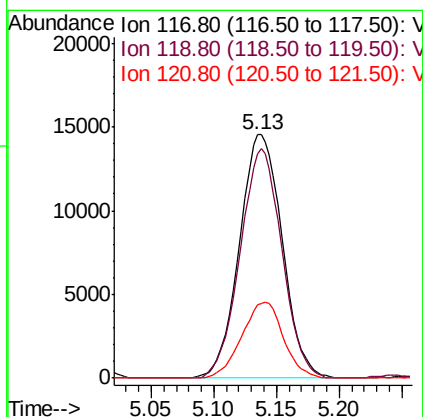
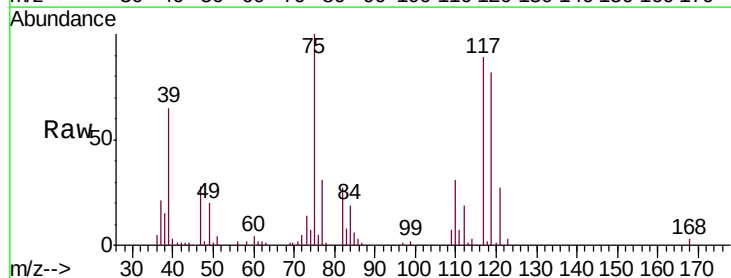
Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS01

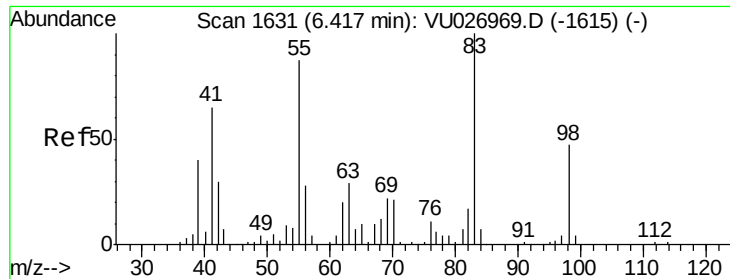
Tgt Ion: 43 Resp: 49655
Ion Ratio Lower Upper
43 100
61 14.0 10.5 15.7
70 8.7 7.4 11.0



#38
Carbon Tetrachloride
Concen: 19.390 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

Tgt Ion: 117 Resp: 34483
Ion Ratio Lower Upper
117 100
119 92.4 74.4 111.6
121 30.0 24.2 36.4

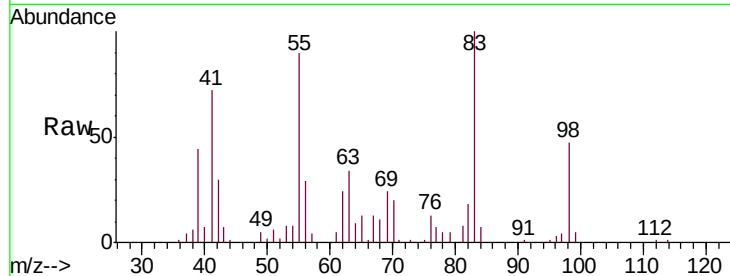




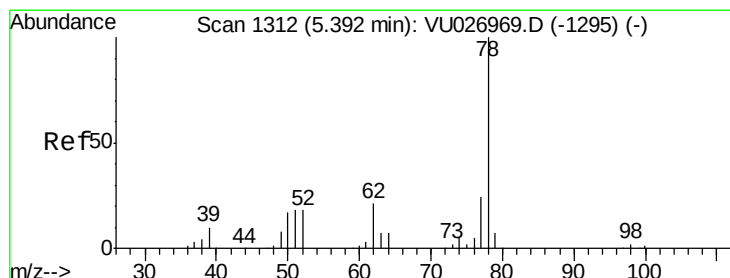
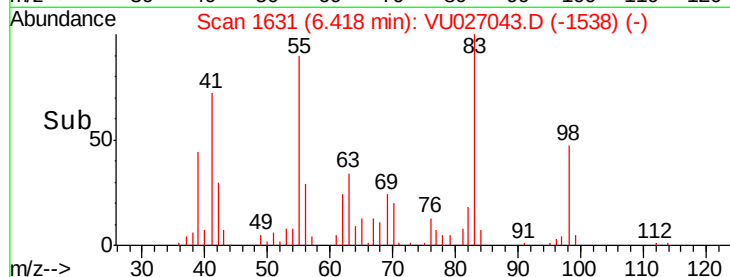
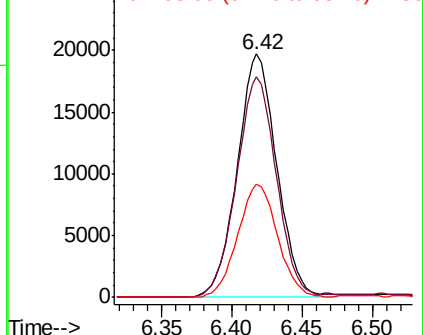
#39
Methylcyclohexane
Concen: 19.158 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS01

Tgt Ion: 83 Resp: 38908
Ion Ratio Lower Upper
83 100
55 90.4 69.9 104.9
98 46.6 37.5 56.3

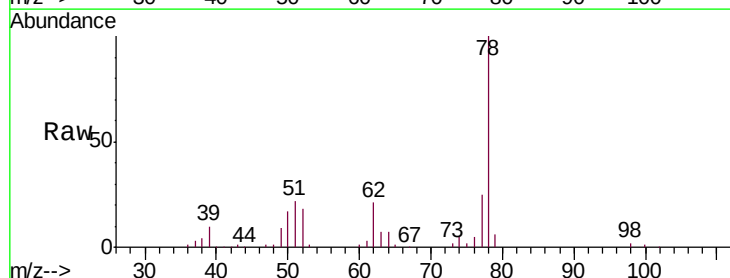


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

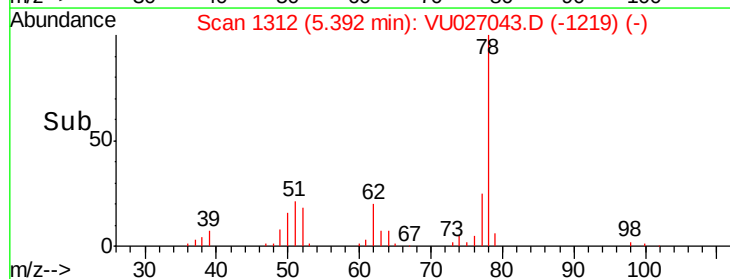
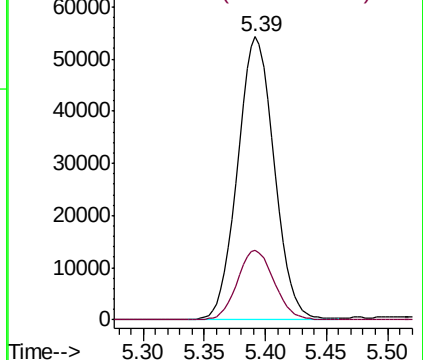


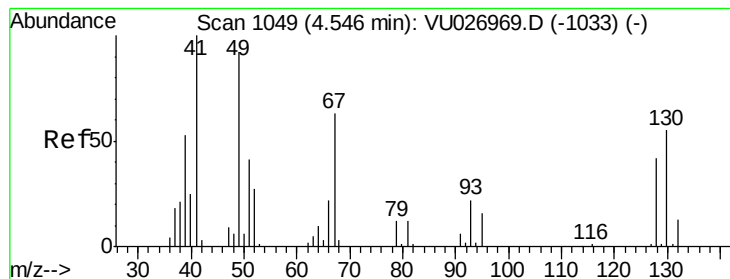
#40
Benzene
Concen: 19.843 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

Tgt Ion: 78 Resp: 112731
Ion Ratio Lower Upper
78 100
77 24.7 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#41

Methacrylonitrile

Concen: 20.819 ug/l

RT: 4.55 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS01

Tgt Ion: 41 Resp: 27353

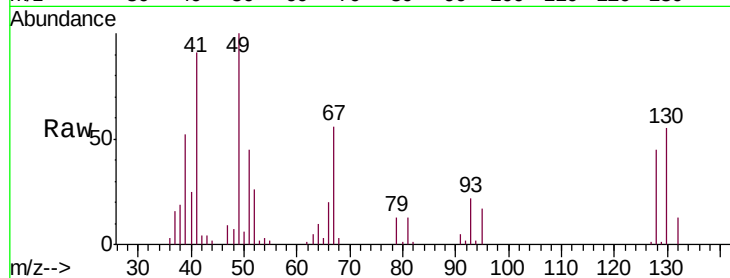
Ion Ratio Lower Upper

41 100

39 55.7 42.9 64.3

67 64.6 52.4 78.6

52 29.5 21.3 31.9

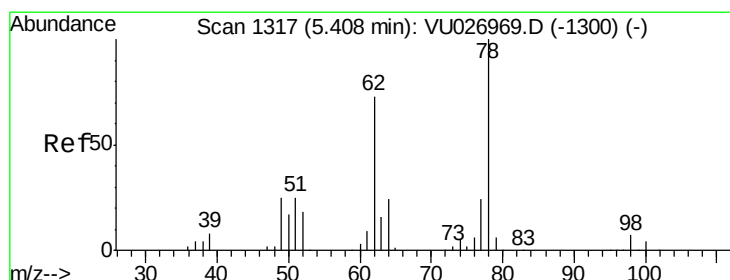
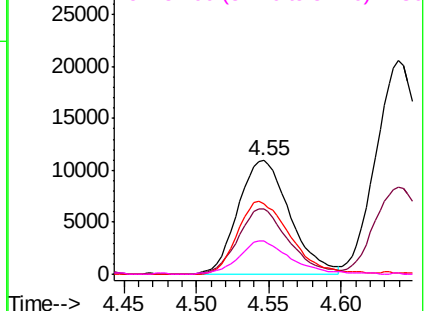
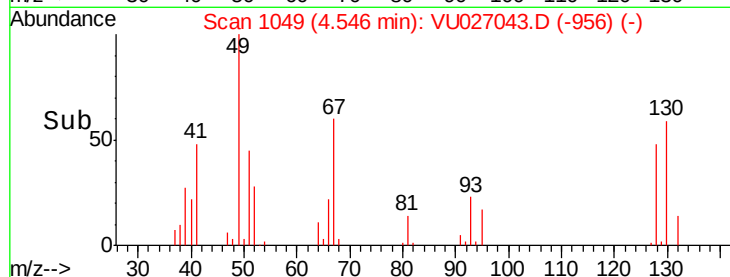


Abundance Ion 41.00 (40.70 to 41.70): VU027043.D (-956) (-)

Ion 39.00 (38.70 to 39.70): VU027043.D (-956) (-)

Ion 67.00 (66.70 to 67.70): VU027043.D (-956) (-)

Ion 52.00 (51.70 to 52.70): VU027043.D (-956) (-)



#42

1,2-Dichloroethane

Concen: 20.339 ug/l

RT: 5.40 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VU027043.D

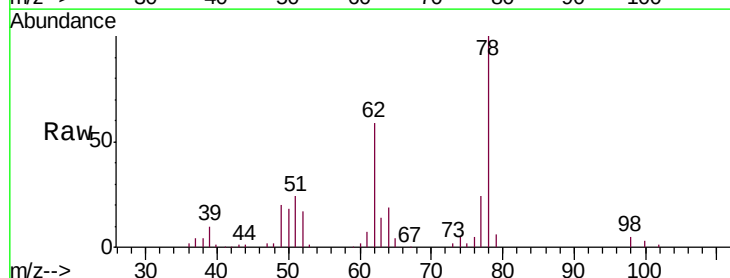
Acq: 23 Sep 2018 02:38

Tgt Ion: 62 Resp: 43655

Ion Ratio Lower Upper

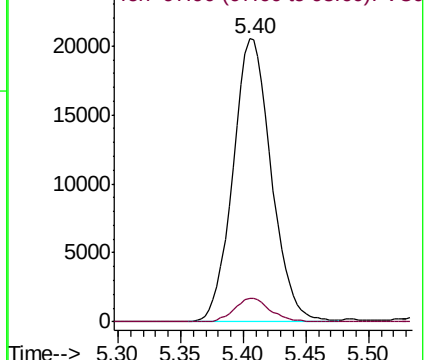
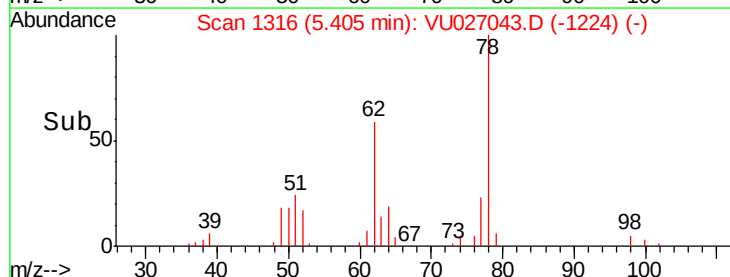
62 100

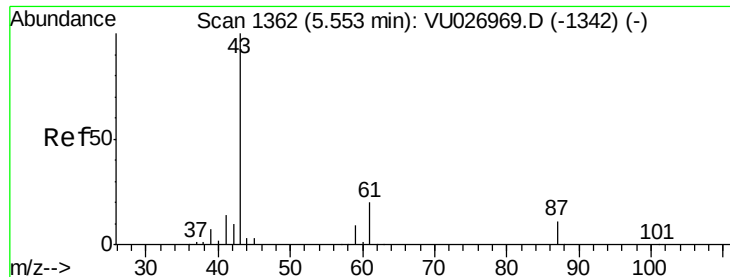
98 7.8 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VU027043.D (-1224) (-)

Ion 97.90 (97.60 to 98.60): VU027043.D (-1224) (-)





#43

Isopropyl Acetate

Concen: 20.952 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS01

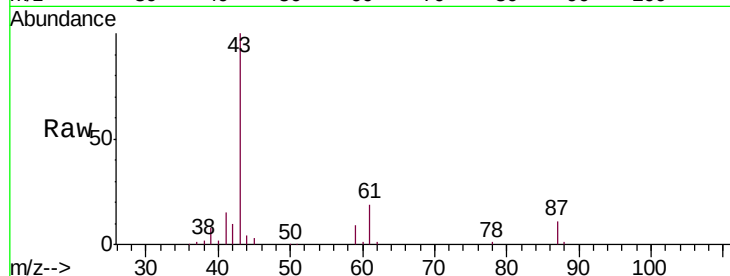
Tgt Ion: 43 Resp: 77303

Ion Ratio Lower Upper

43 100

61 18.7 15.7 23.5

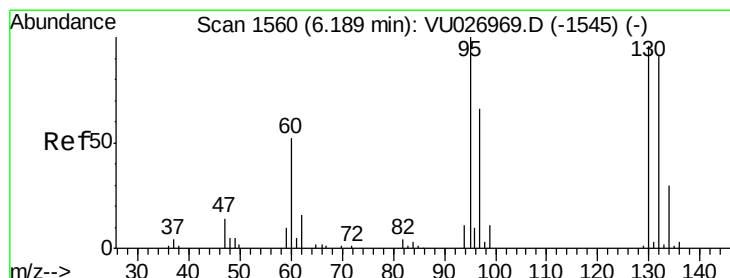
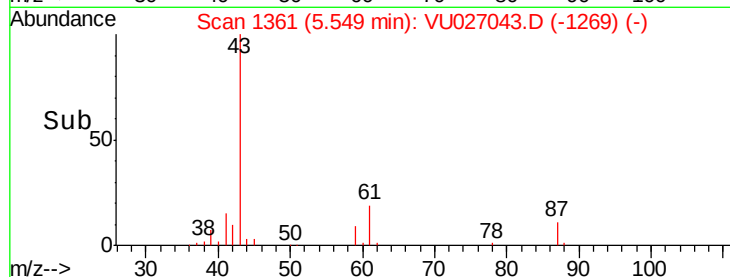
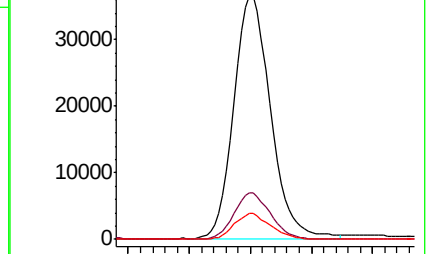
87 10.3 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU026969.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU026969.D (-1342) (-)



#44

Trichloroethene

Concen: 19.324 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027043.D

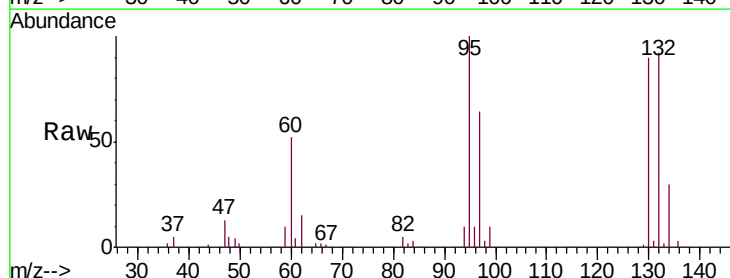
Acq: 23 Sep 2018 02:38

Tgt Ion: 130 Resp: 23372

Ion Ratio Lower Upper

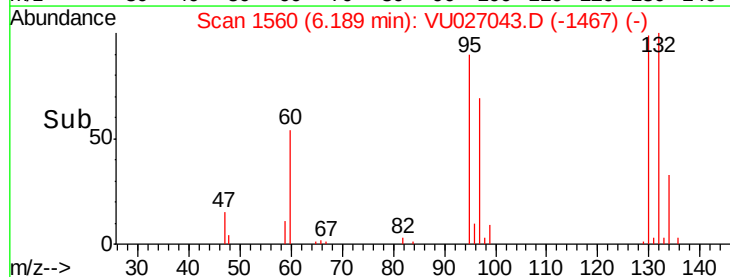
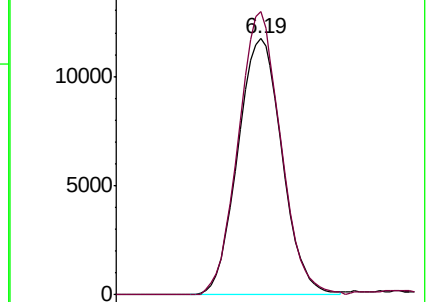
130 100

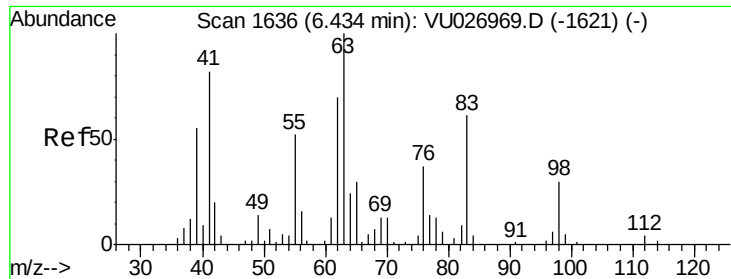
95 110.6 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU026969.D (-1545) (-)

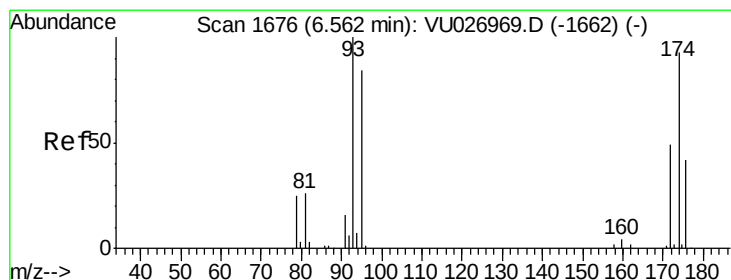
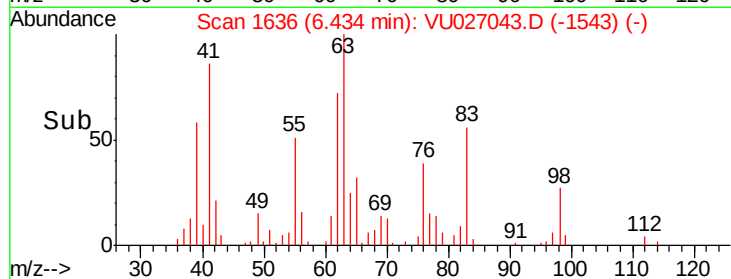
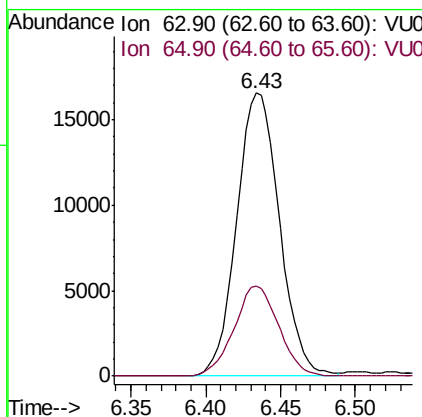
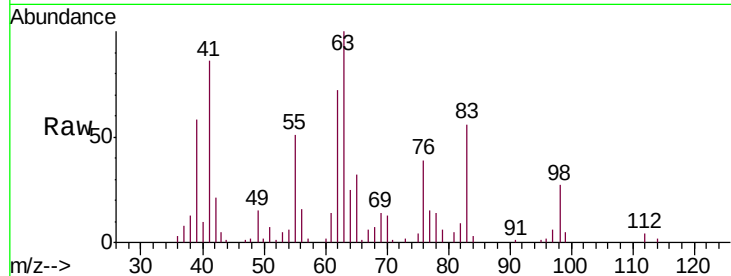




#45
 1,2-Dichloropropane
 Concen: 20.421 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

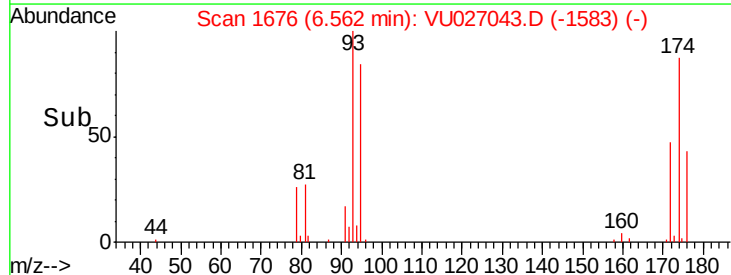
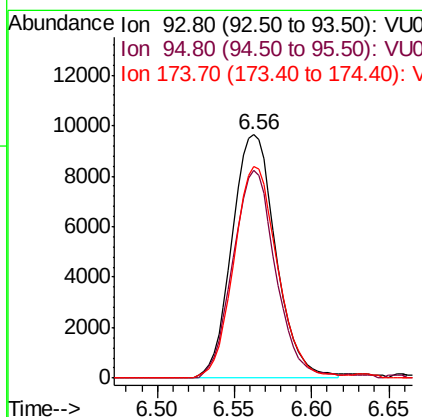
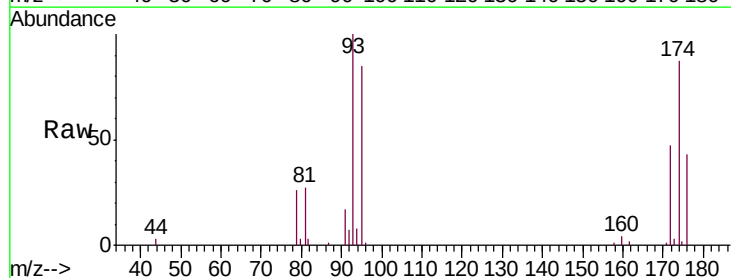
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS01

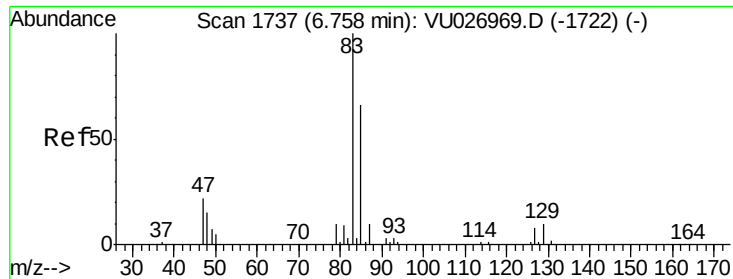
Tgt Ion: 63 Resp: 33057
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.3 36.5



#46
 Dibromomethane
 Concen: 19.463 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

Tgt Ion: 93 Resp: 19028
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.2 99.4
 174 86.3 71.7 107.5





#47

Bromodichloromethane

Concen: 19.436 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS01

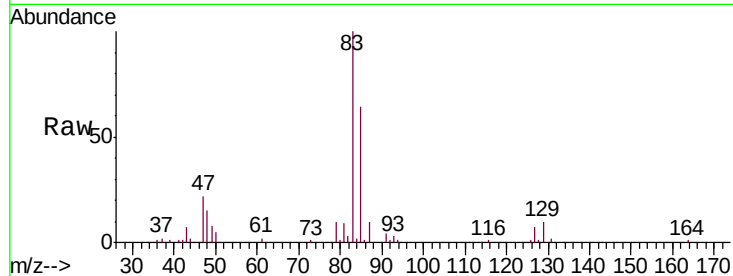
Tgt Ion: 83 Resp: 38421

Ion Ratio Lower Upper

83 100

85 64.5 52.5 78.7

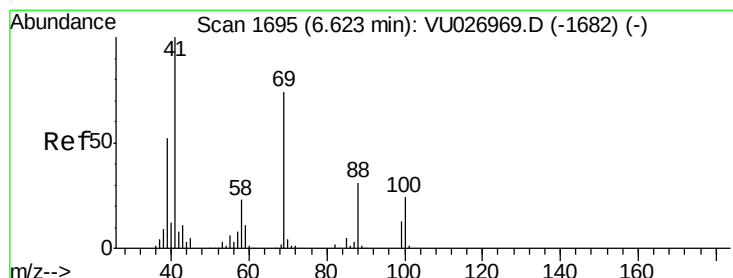
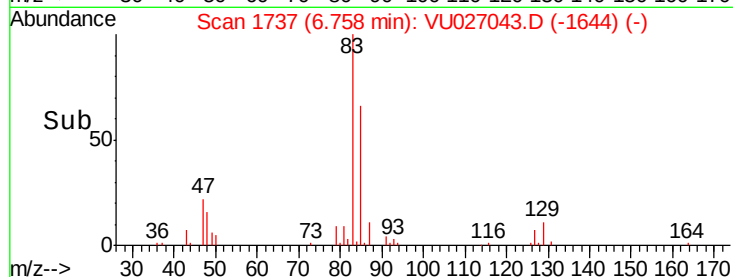
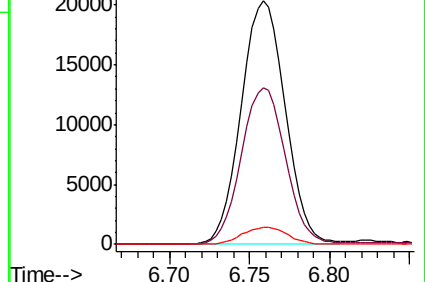
127 7.2 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VU026969.D (-1722) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-1722) (-)

Ion 126.80 (126.50 to 127.50): VU026969.D (-1722) (-)



#48

Methyl methacrylate

Concen: 19.505 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

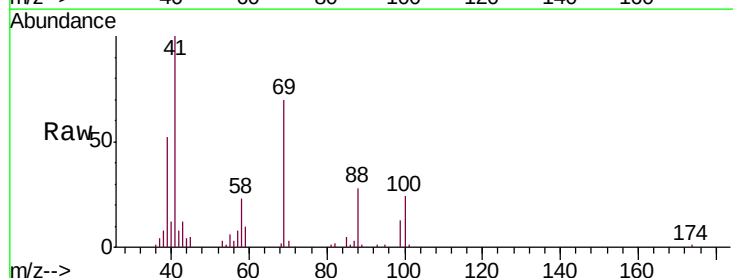
Tgt Ion: 41 Resp: 37903

Ion Ratio Lower Upper

41 100

69 72.9 60.6 90.8

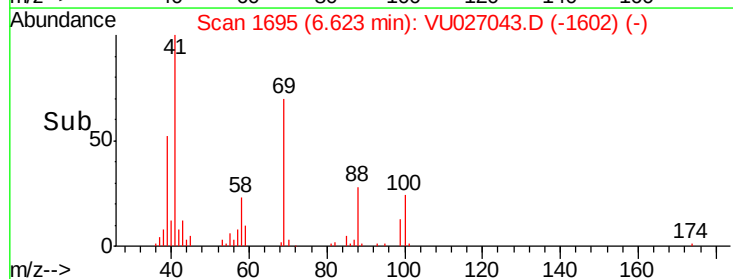
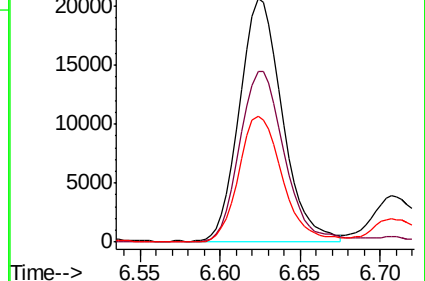
39 52.6 42.8 64.2

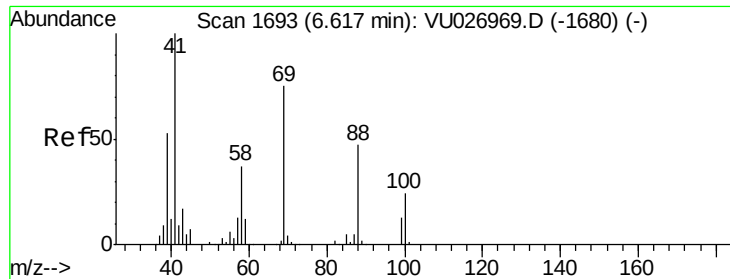


Abundance Ion 41.00 (40.70 to 41.70): VU026969.D (-1682) (-)

Ion 69.00 (68.70 to 69.70): VU026969.D (-1682) (-)

Ion 39.00 (38.70 to 39.70): VU026969.D (-1682) (-)

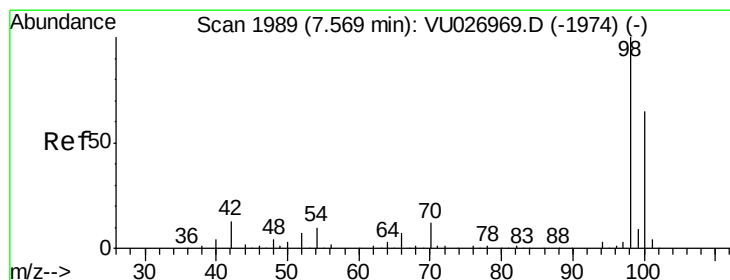
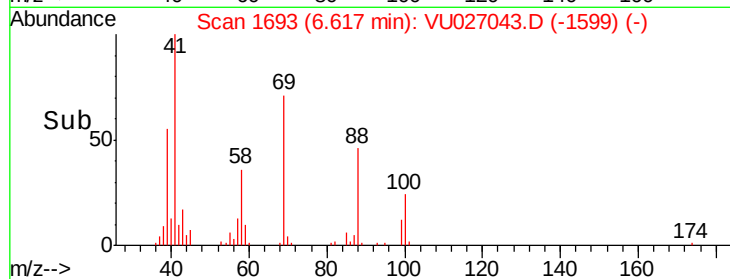
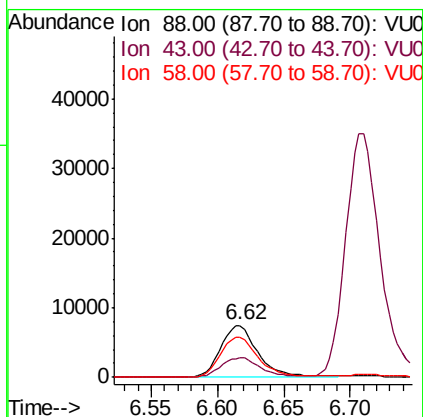
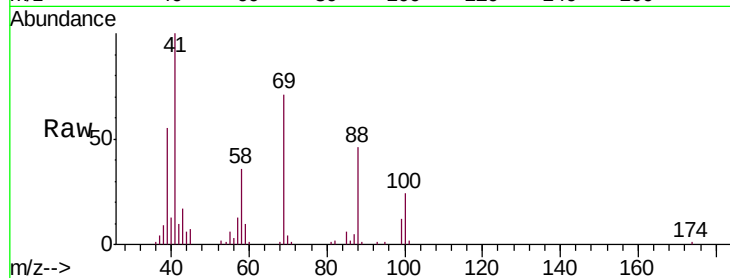




#49
1,4-Dioxane
Concen: 368.138 ug/l
RT: 6.62 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

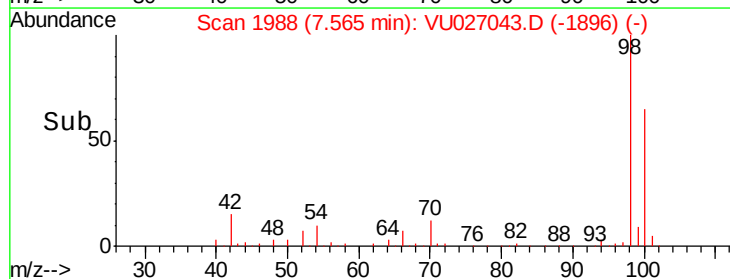
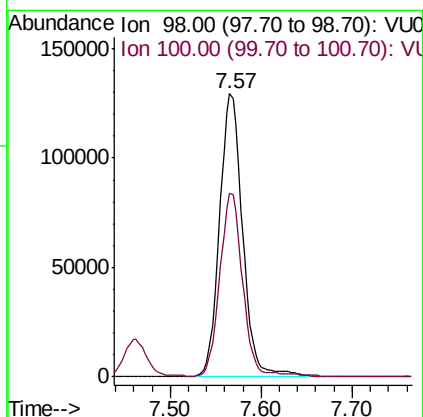
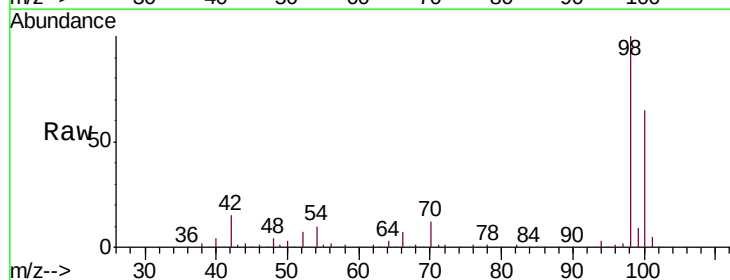
Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS01

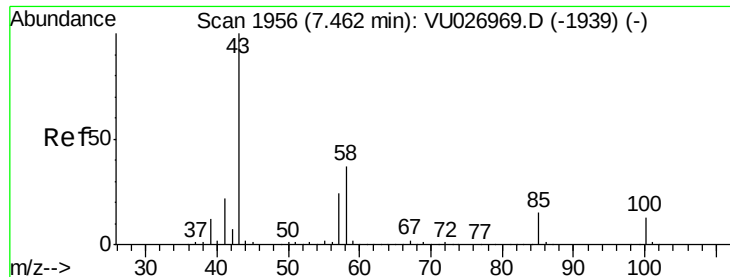
Tgt Ion: 88 Resp: 14725
Ion Ratio Lower Upper
88 100
43 40.1 29.8 44.8
58 78.3 63.9 95.9



#50
Toluene-d8
Concen: 49.534 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

Tgt Ion: 98 Resp: 229123
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 104.634 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

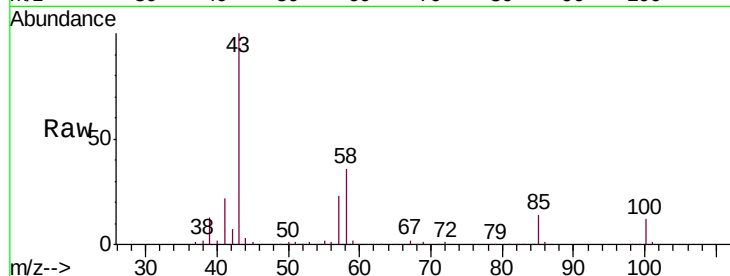
VU0923WBS01

Tgt Ion: 43 Resp: 259639

Ion Ratio Lower Upper

43 100

58 36.4 29.8 44.6



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

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

7.46

150000

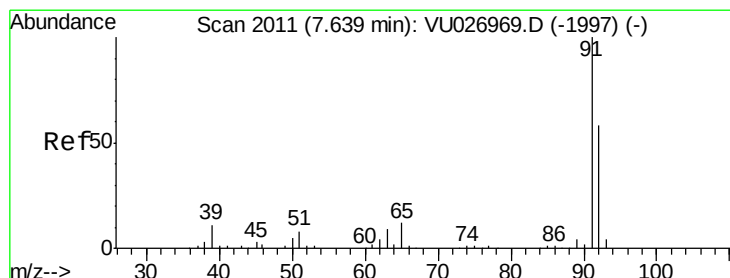
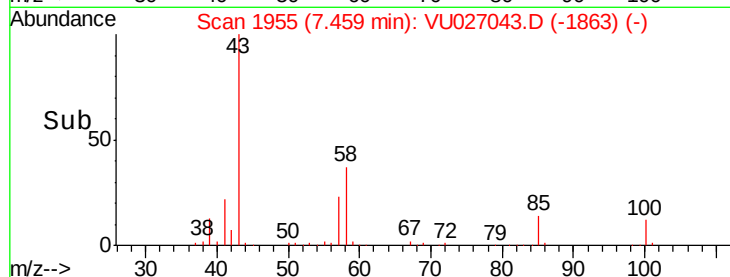
100000

50000

0

7.40 7.50 7.60

Time-->



#52

Toluene

Concen: 20.505 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027043.D

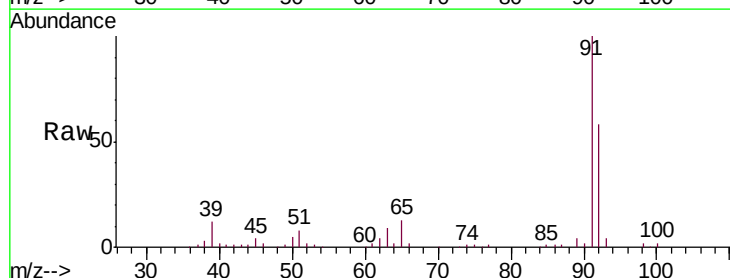
Acq: 23 Sep 2018 02:38

Tgt Ion: 92 Resp: 66774

Ion Ratio Lower Upper

92 100

91 173.7 136.4 204.6



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

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

7.64

60000

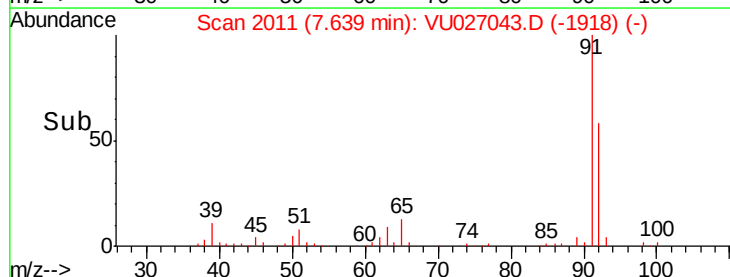
40000

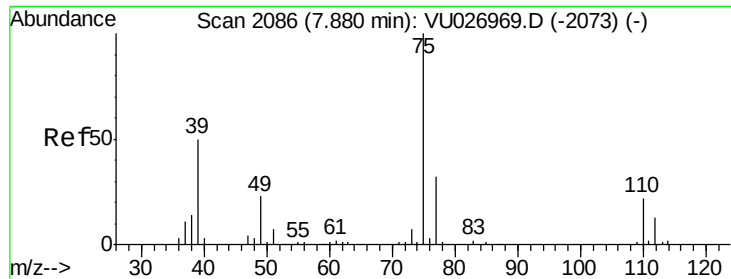
20000

0

7.60 7.70 7.80

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.538 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

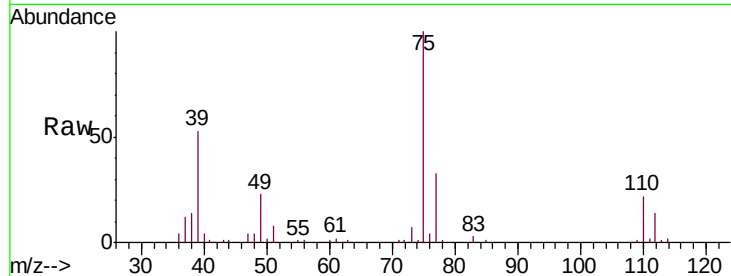
VU0923WBS01

Tgt Ion: 75 Resp: 41497

Ion Ratio Lower Upper

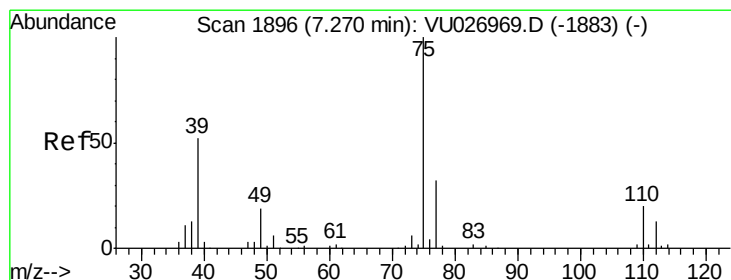
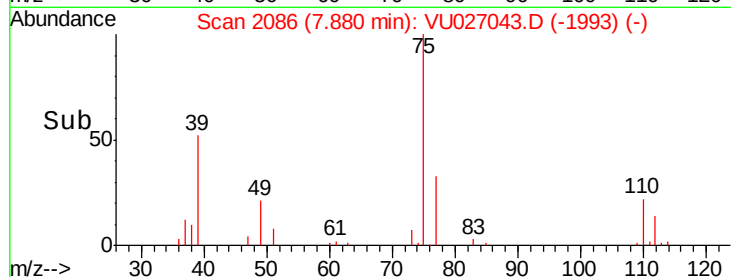
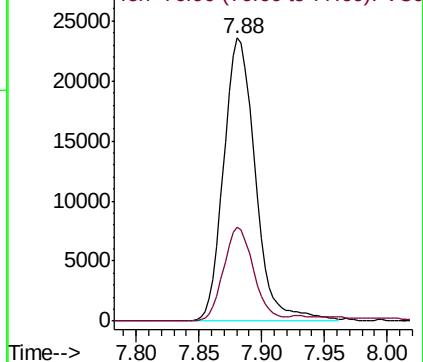
75 100

77 33.2 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 19.474 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

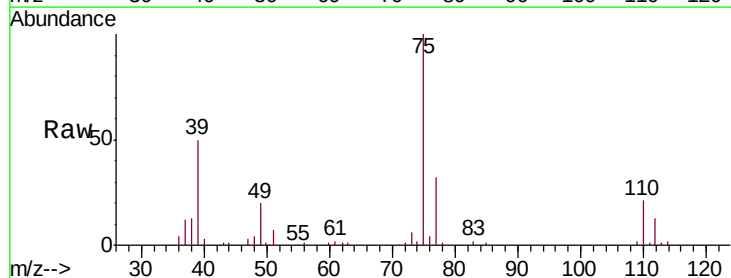
Tgt Ion: 75 Resp: 45477

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

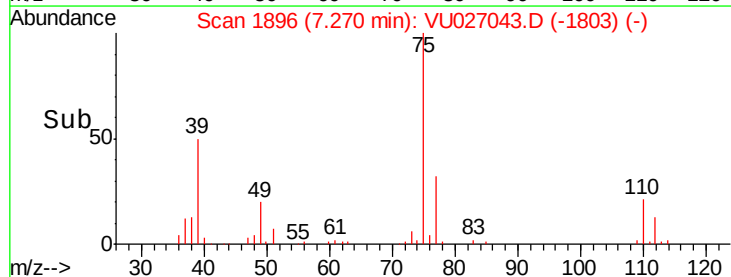
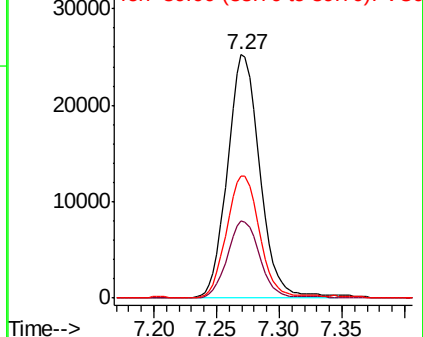
39 50.4 41.6 62.4

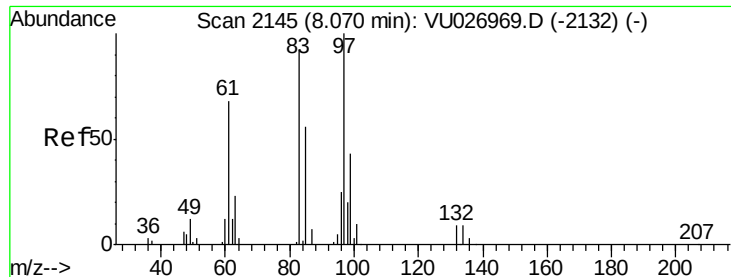


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

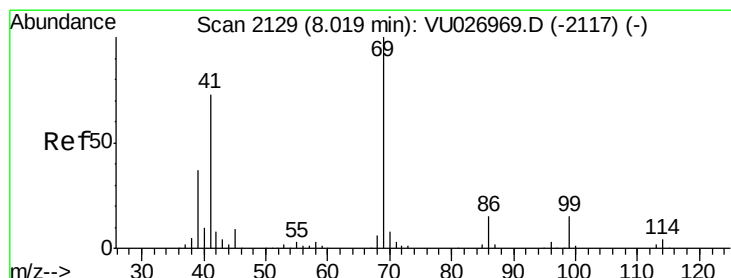
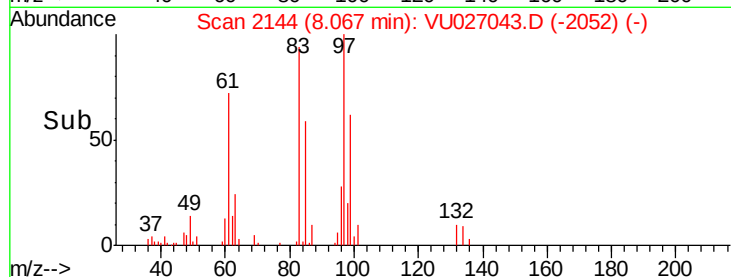
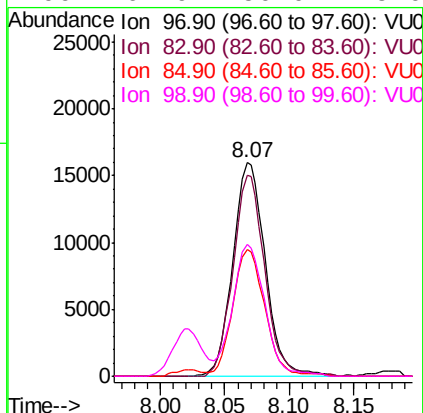
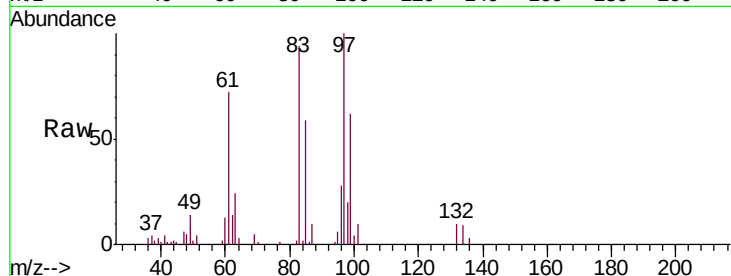




#55
 1,1,2-Trichloroethane
 Concen: 20.295 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

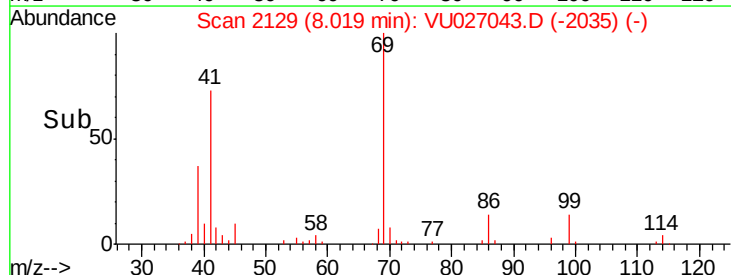
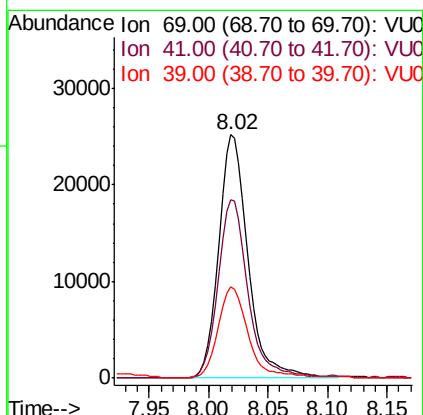
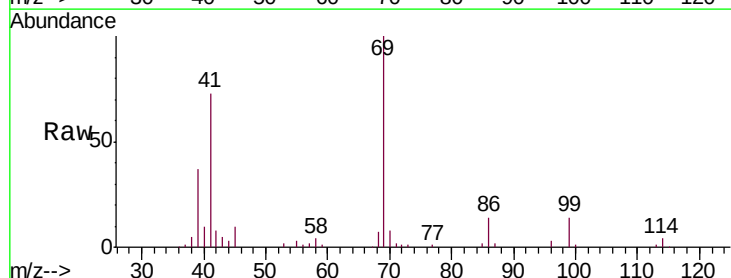
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS01

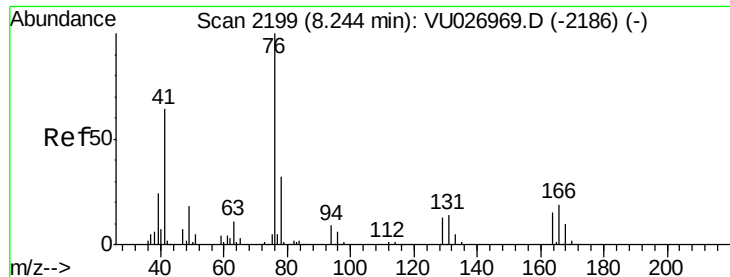
Tgt Ion:	97	Resp:	28003
Ion	Ratio	Lower	Upper
97	100		
83	93.9	73.1	109.7
85	59.2	46.7	70.1
99	61.9	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 19.391 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

Tgt Ion:	69	Resp:	43063
Ion	Ratio	Lower	Upper
69	100		
41	75.1	59.0	88.4
39	39.2	30.2	45.4

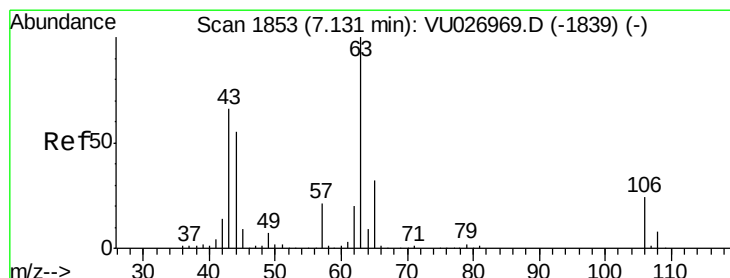
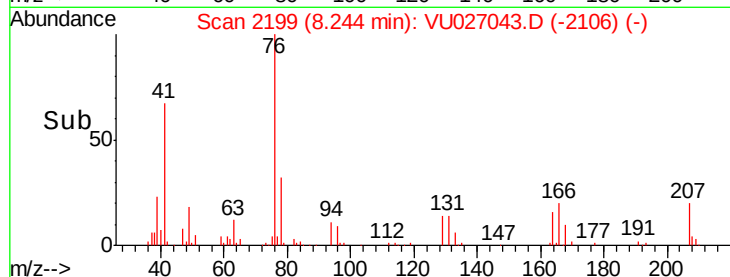
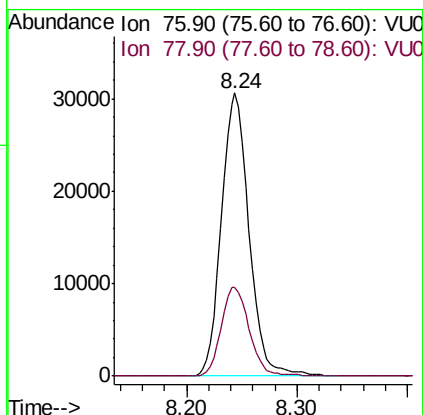
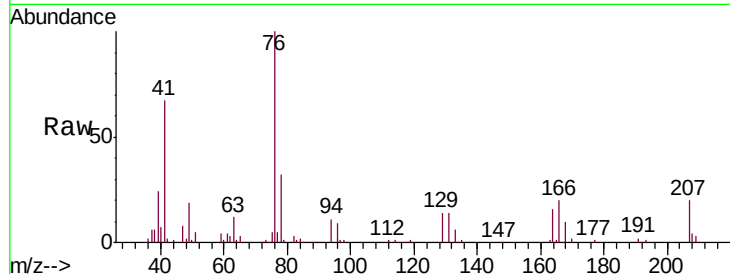




#57
 1,3-Dichloropropane
 Concen: 20.714 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

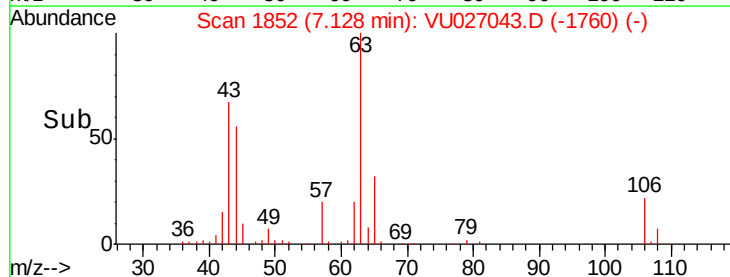
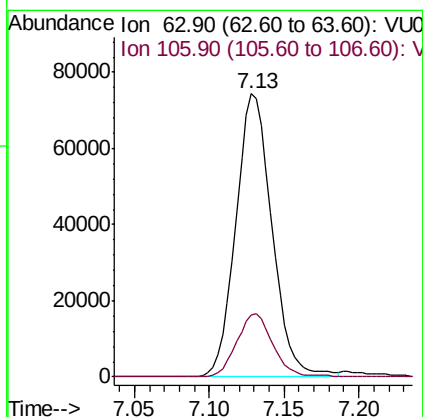
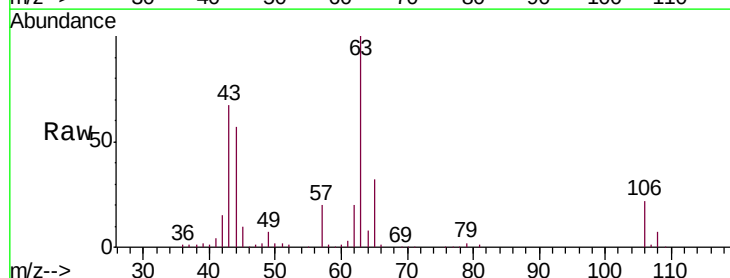
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS01

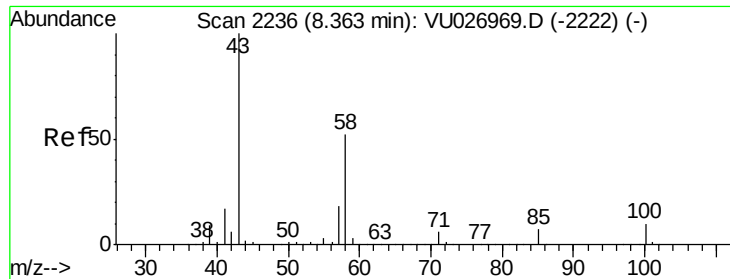
Tgt Ion: 76 Resp: 53159
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.280 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

Tgt Ion: 63 Resp: 125289
 Ion Ratio Lower Upper
 63 100
 106 21.9 18.7 28.1

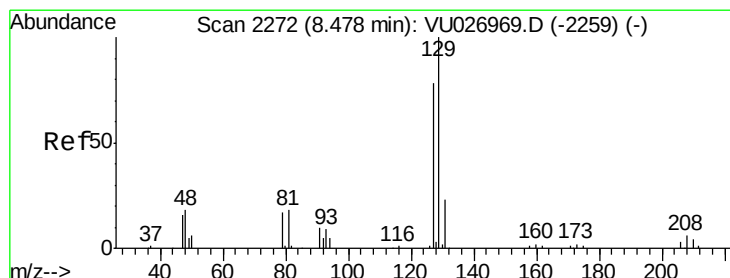
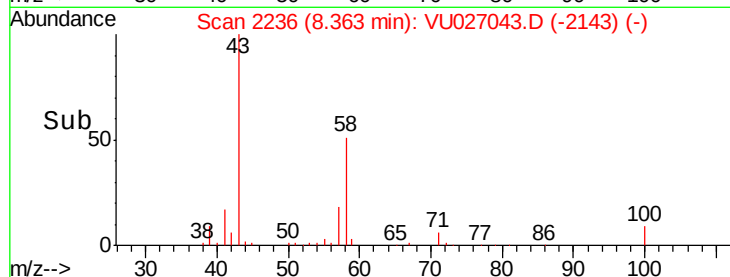
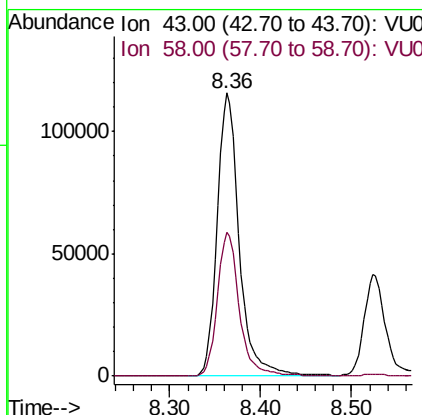
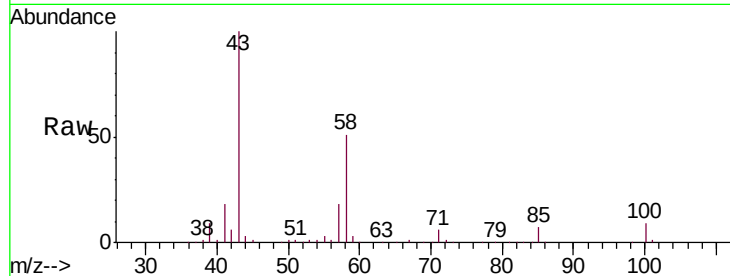




#59
 2-Hexanone
 Concen: 100.455 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

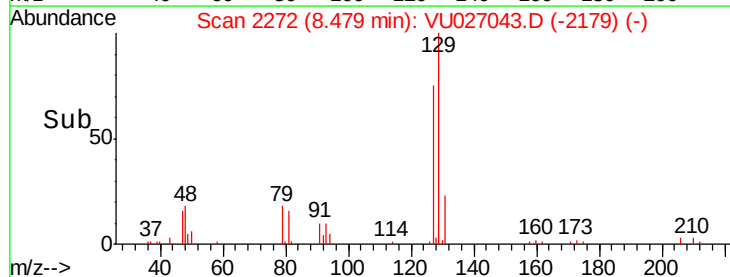
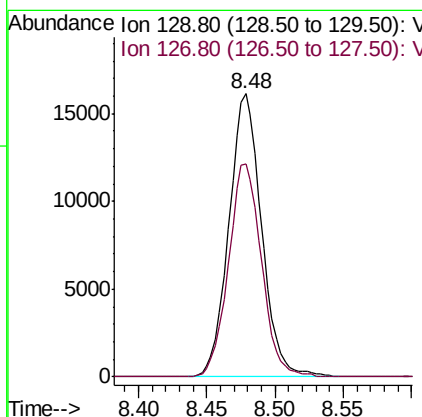
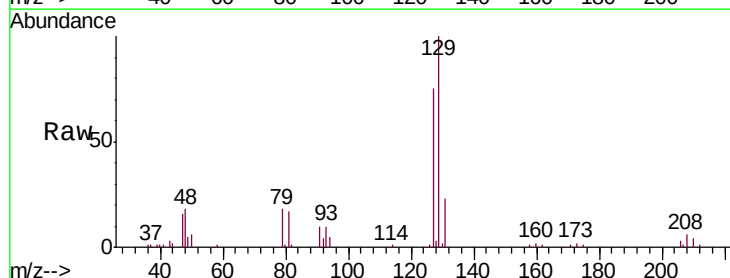
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS01

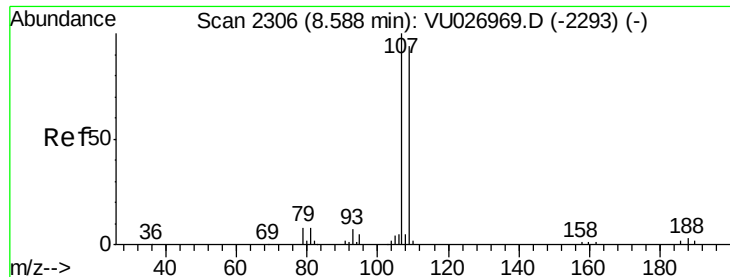
Tgt Ion: 43 Resp: 195123
 Ion Ratio Lower Upper
 43 100
 58 50.3 26.1 78.2



#60
 Dibromochloromethane
 Concen: 19.862 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

Tgt Ion: 129 Resp: 26883
 Ion Ratio Lower Upper
 129 100
 127 75.8 38.1 114.5





#61

1,2-Dibromoethane

Concen: 19.741 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

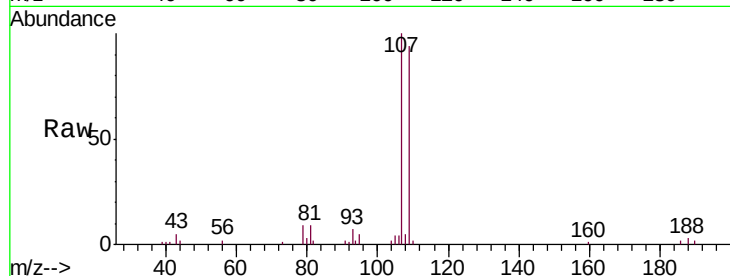
VU0923WBS01

Tgt Ion: 107 Resp: 28341

Ion Ratio Lower Upper

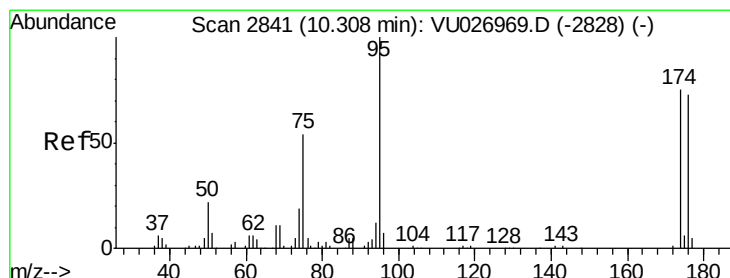
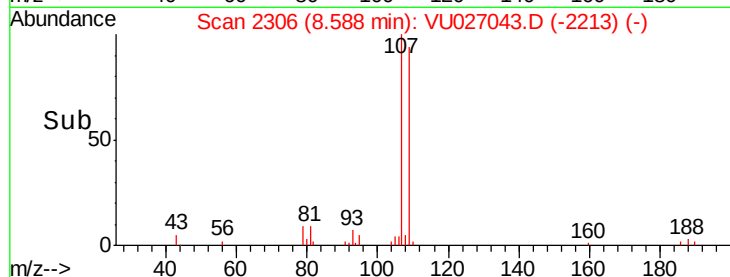
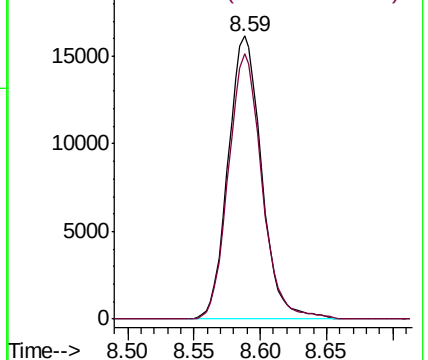
107 100

109 93.9 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.872 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

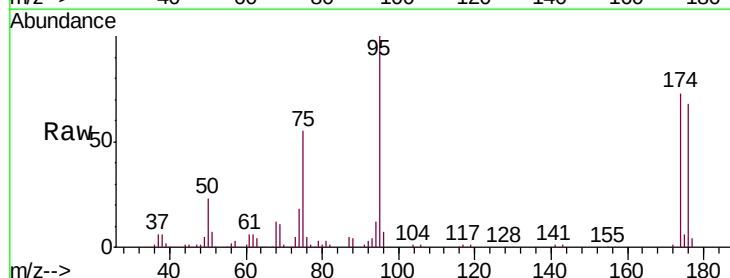
Tgt Ion: 95 Resp: 79156

Ion Ratio Lower Upper

95 100

174 73.4 0.0 150.2

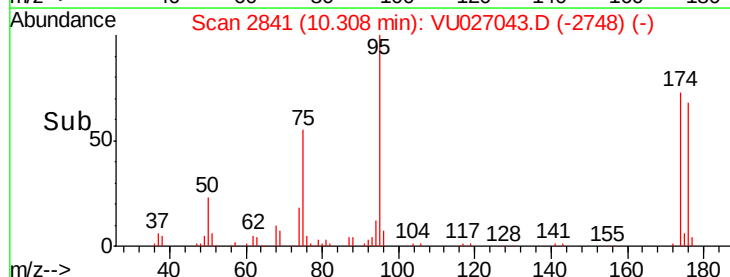
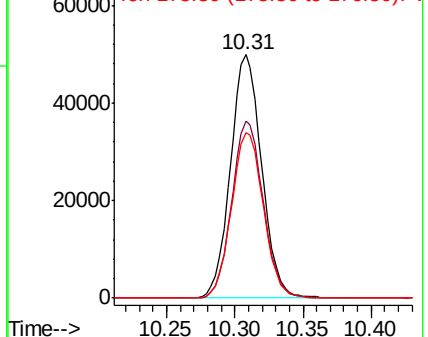
176 69.4 0.0 145.2

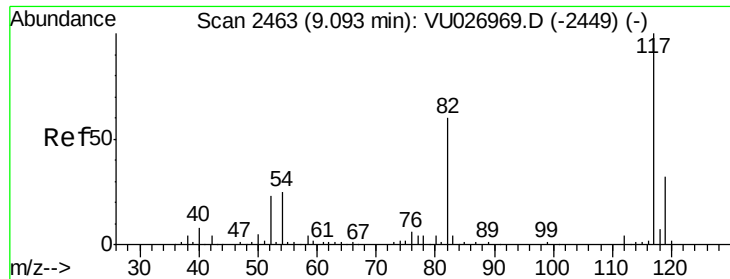


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

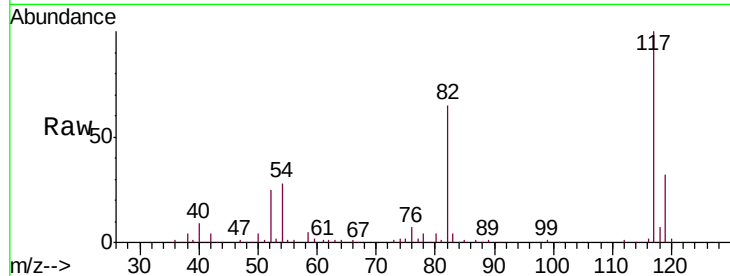




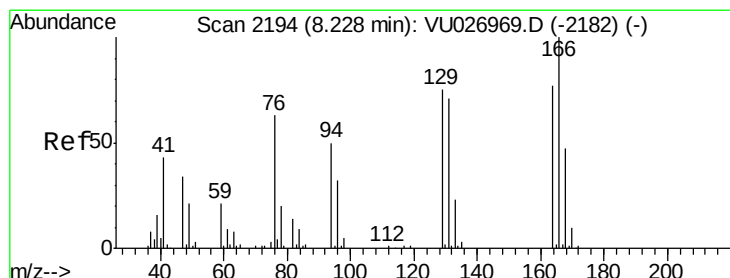
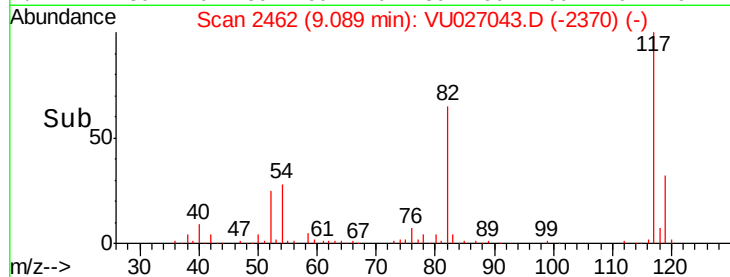
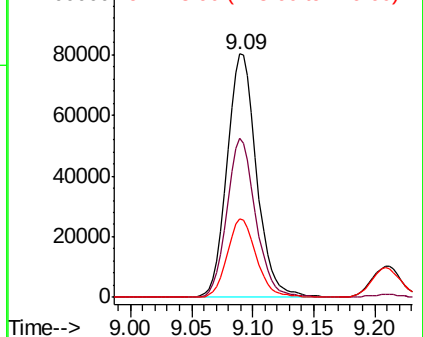
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS01

Tgt Ion:117 Resp: 136109
Ion Ratio Lower Upper
117 100
82 65.3 48.0 72.0
119 32.5 25.8 38.8



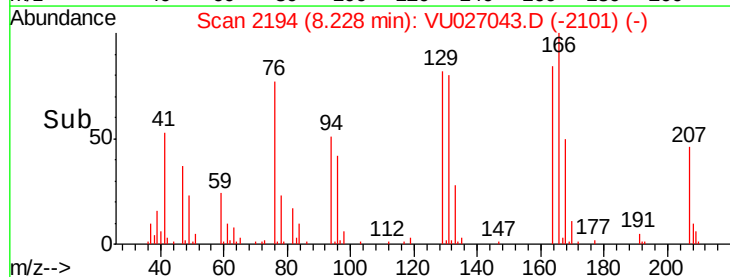
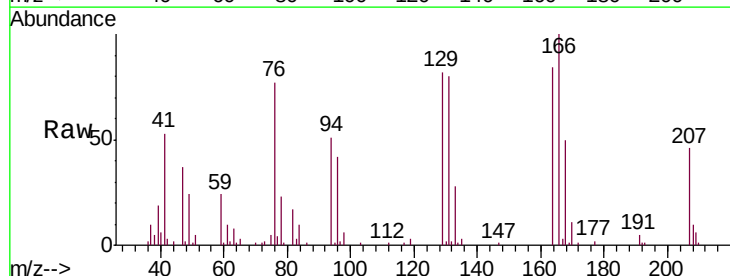
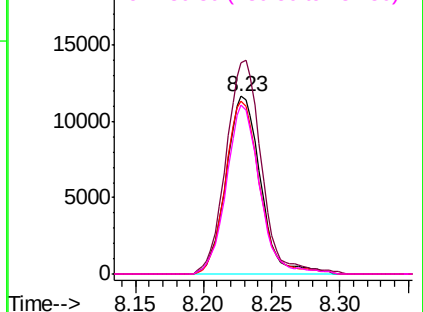
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

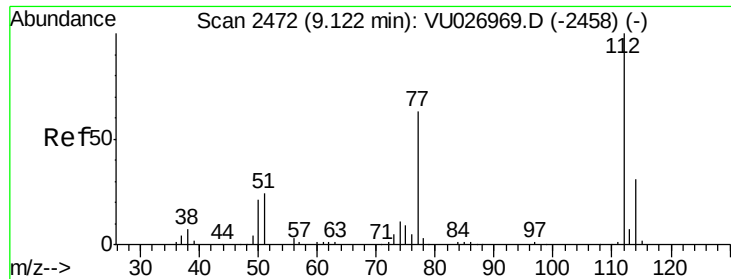


#64
Tetrachloroethene
Concen: 19.582 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

Tgt Ion:164 Resp: 20538
Ion Ratio Lower Upper
164 100
166 119.2 104.4 156.6
129 97.4 78.7 118.1
131 95.5 73.9 110.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

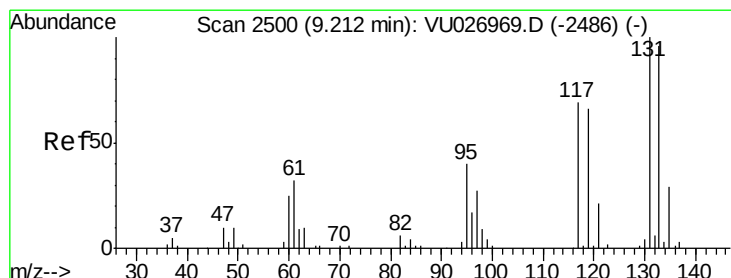
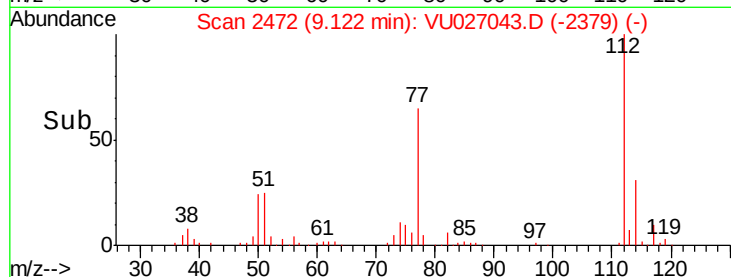
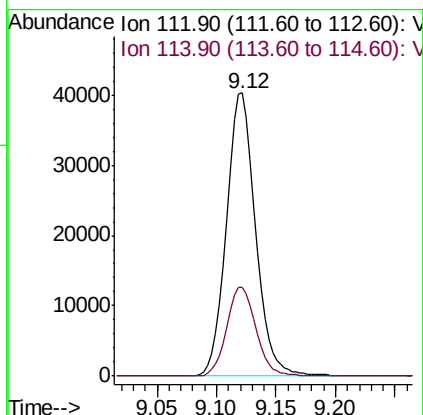
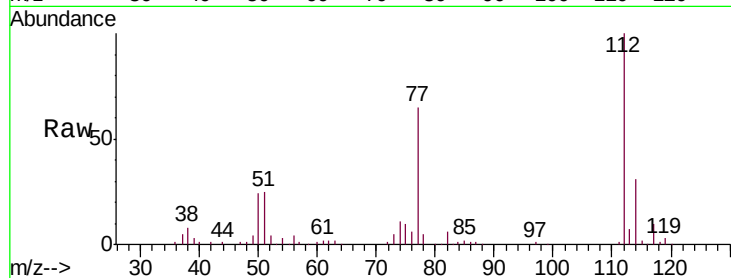




#65
Chlorobenzene
Concen: 18.936 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

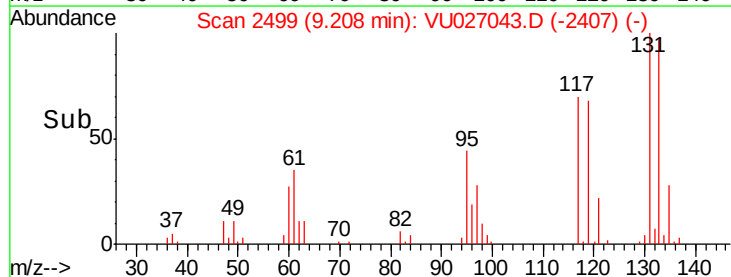
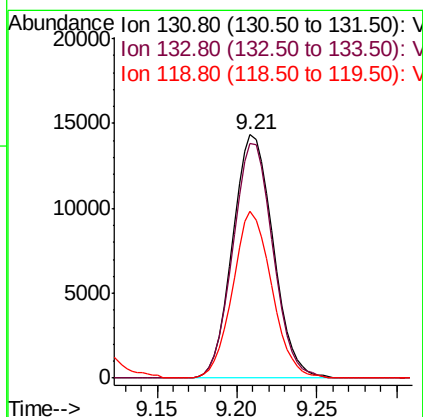
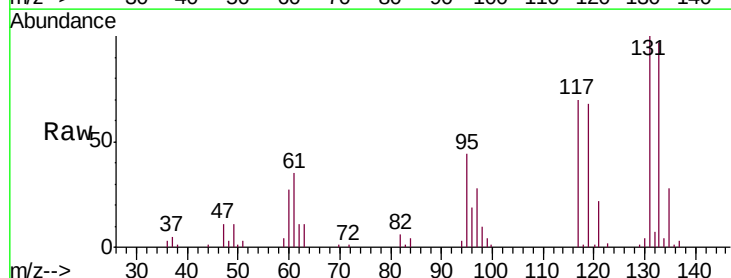
Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS01

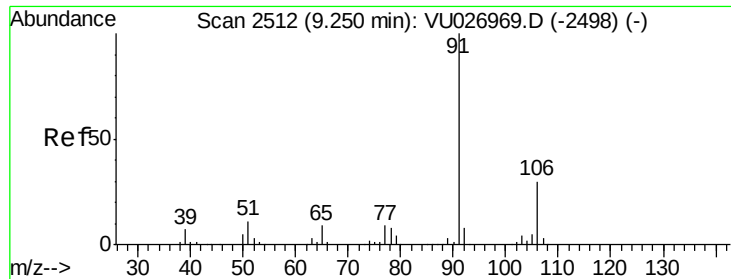
Tgt Ion:112 Resp: 68339
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.894 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

Tgt Ion:131 Resp: 24729
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.2
119 66.1 33.4 100.1

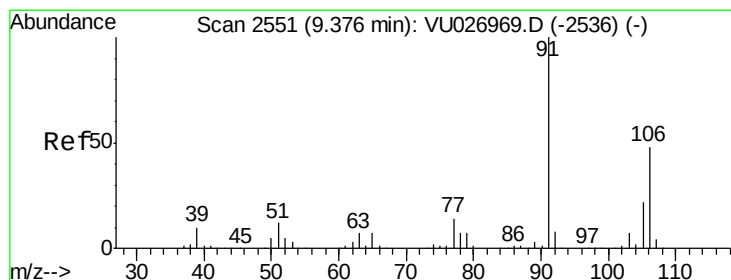
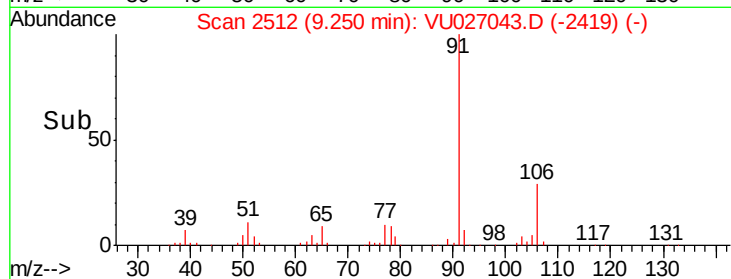
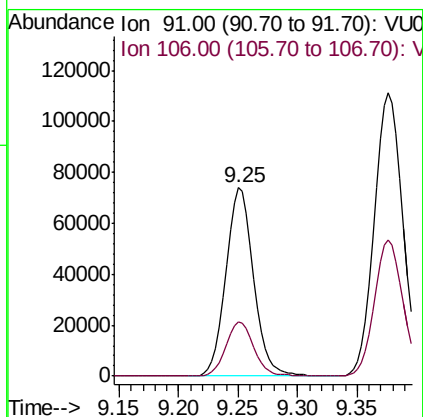
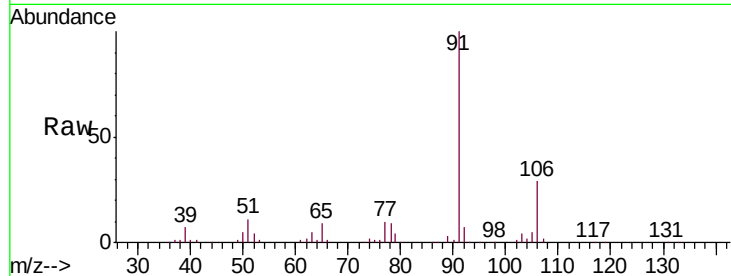




#67
 Ethyl Benzene
 Concen: 20.131 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

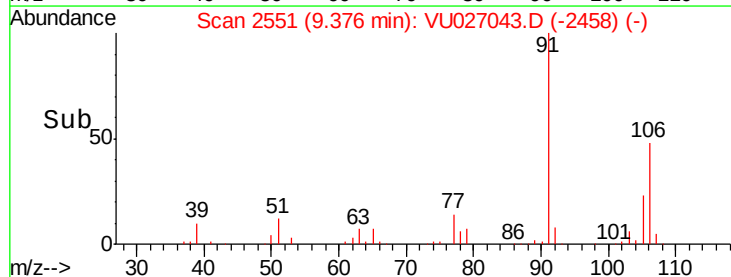
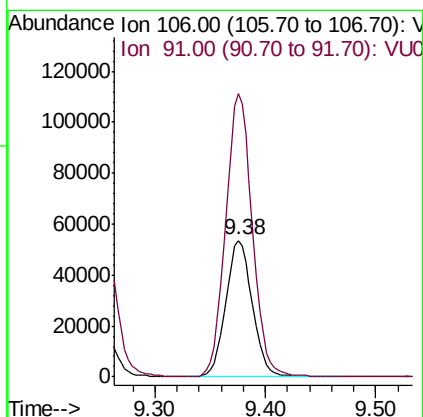
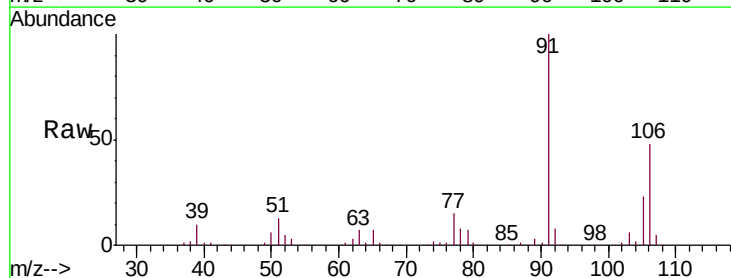
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS01

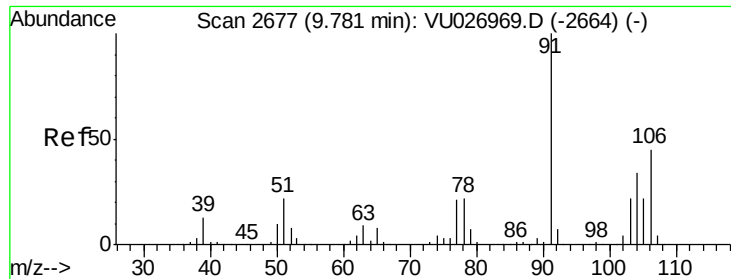
Tgt Ion: 91 Resp: 119465
 Ion Ratio Lower Upper
 91 100
 106 29.0 23.8 35.8



#68
 m/p-Xylenes
 Concen: 38.214 ug/l
 RT: 9.38 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

Tgt Ion: 106 Resp: 89581
 Ion Ratio Lower Upper
 106 100
 91 208.5 166.5 249.7

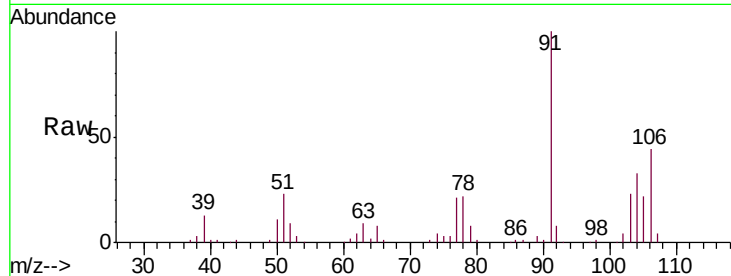




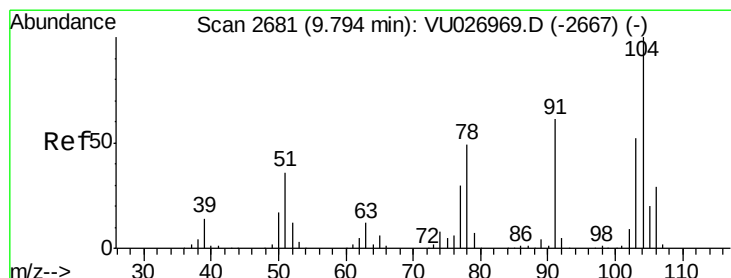
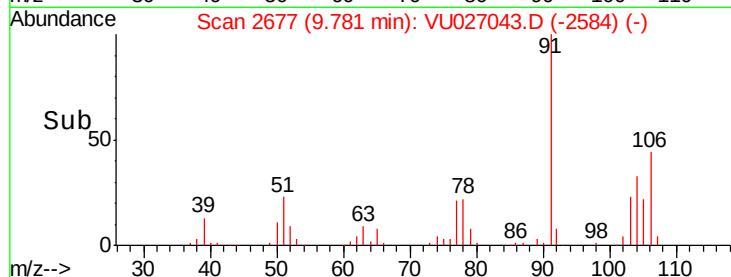
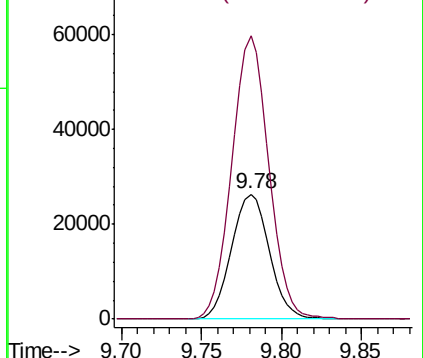
#69
o-Xylene
Concen: 20.123 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS01

Tgt Ion:106 Resp: 42311
Ion Ratio Lower Upper
106 100
91 222.2 110.2 330.6

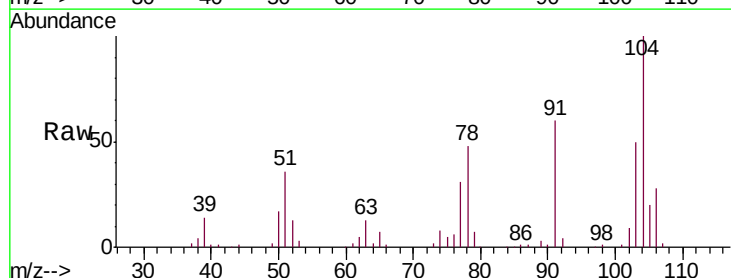


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

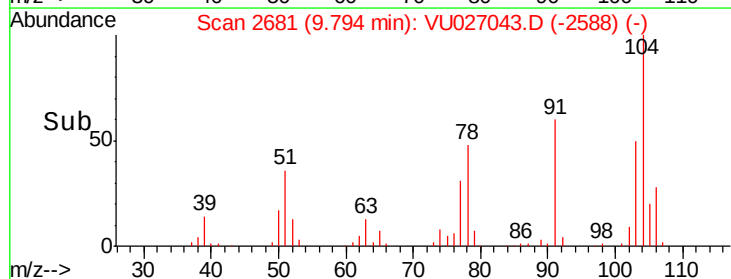
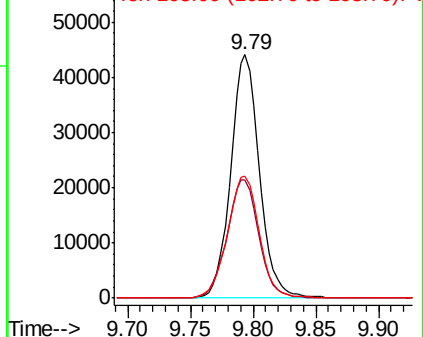


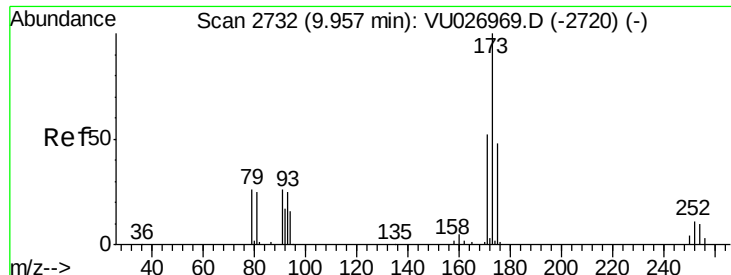
#70
Styrene
Concen: 18.954 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

Tgt Ion:104 Resp: 69836
Ion Ratio Lower Upper
104 100
78 53.9 43.0 64.4
103 55.6 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.293 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS01

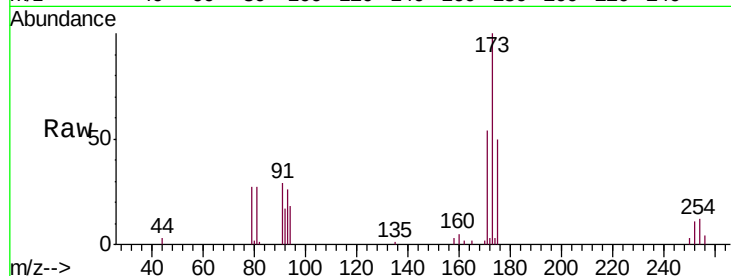
Tgt Ion:173 Resp: 18546

Ion Ratio Lower Upper

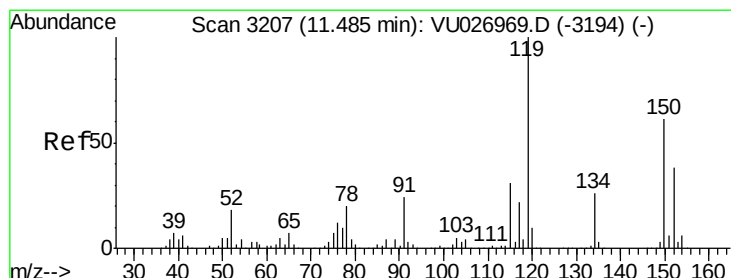
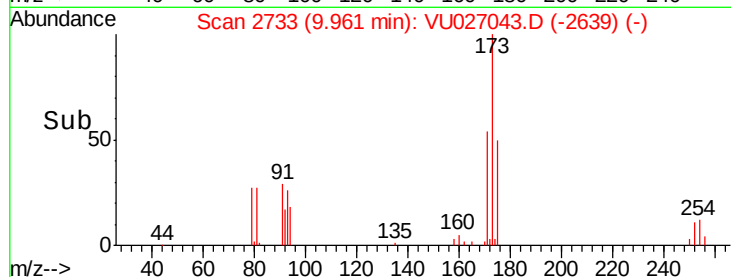
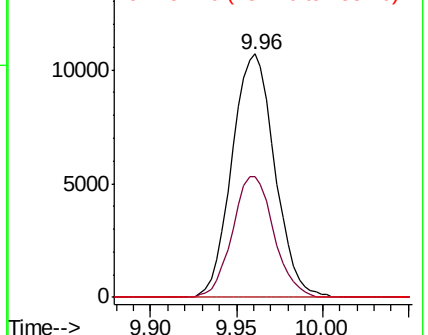
173 100

175 48.0 23.9 71.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

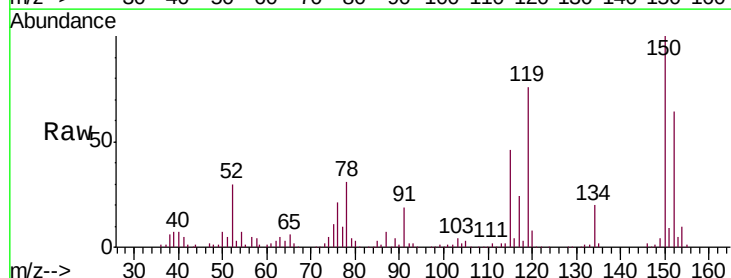
Tgt Ion:152 Resp: 71538

Ion Ratio Lower Upper

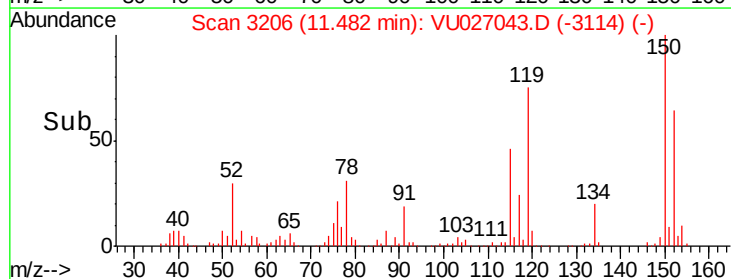
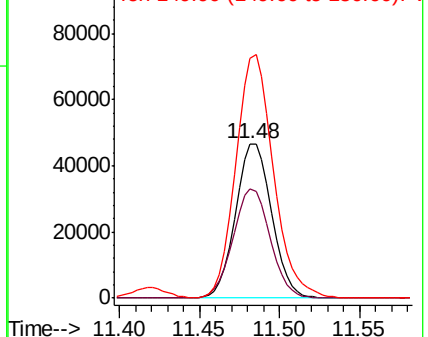
152 100

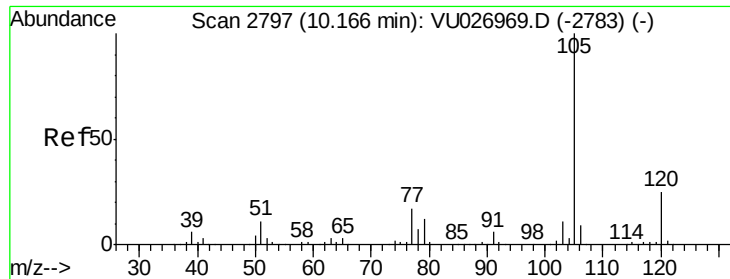
115 72.8 44.9 134.5

150 165.1 0.0 355.8



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





#73

Isopropylbenzene

Concen: 21.271 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

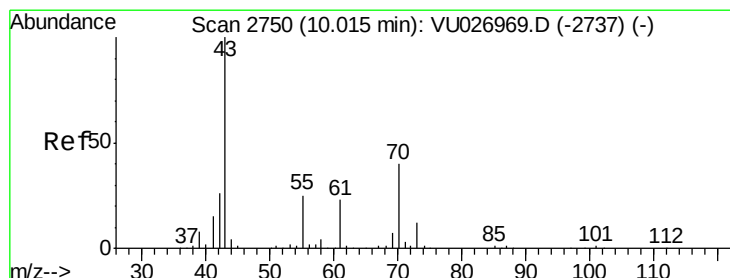
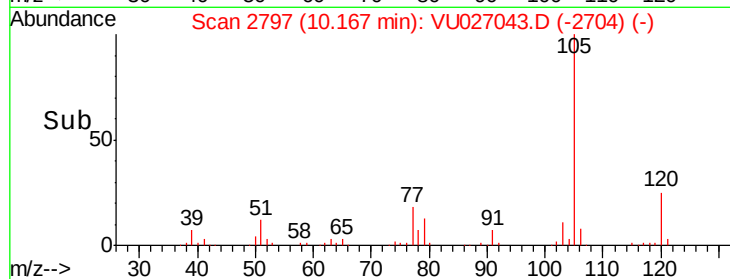
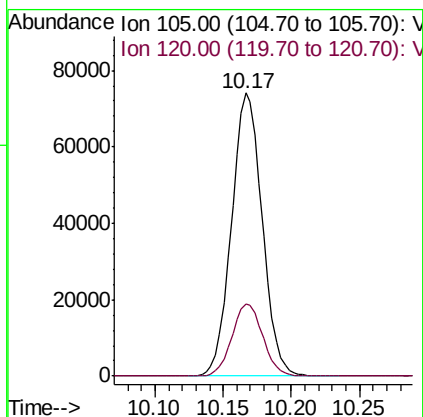
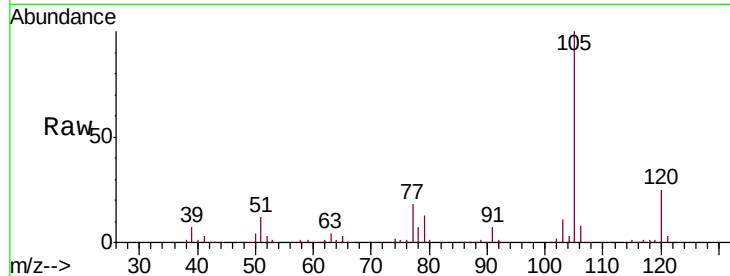
VU0923WBS01

Tgt Ion: 105 Resp: 115755

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.4



#74

N-ethyl acetate

Concen: 20.699 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Tgt Ion: 43 Resp: 65200

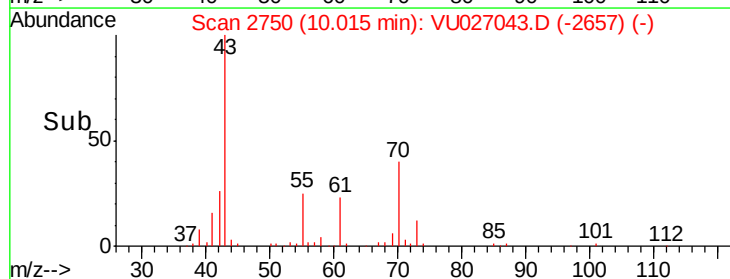
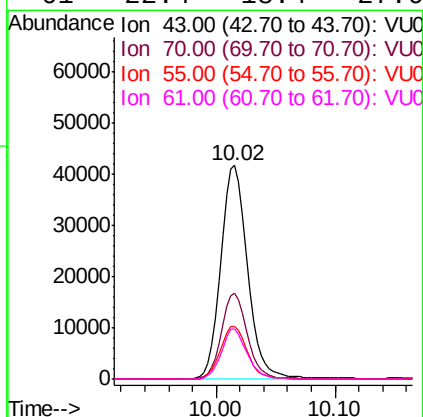
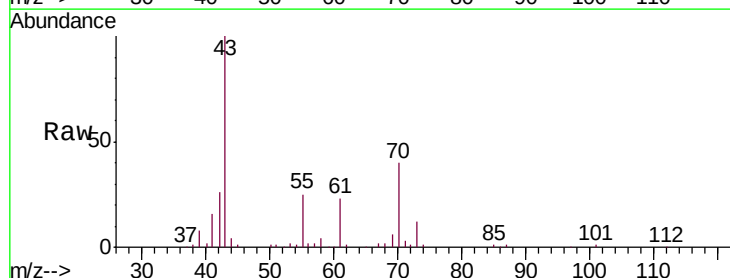
Ion Ratio Lower Upper

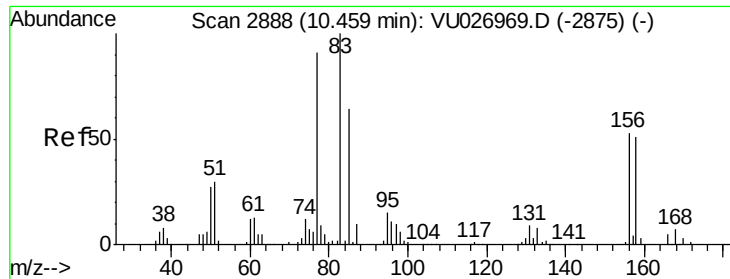
43 100

70 38.7 31.8 47.8

55 24.5 19.9 29.9

61 22.4 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.107 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS01

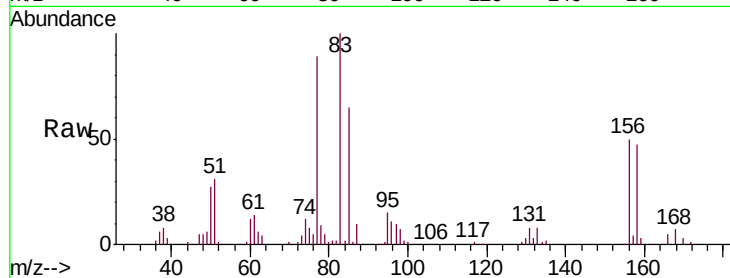
Tgt Ion: 83 Resp: 47806

Ion Ratio Lower Upper

83 100

131 8.0 4.3 12.8

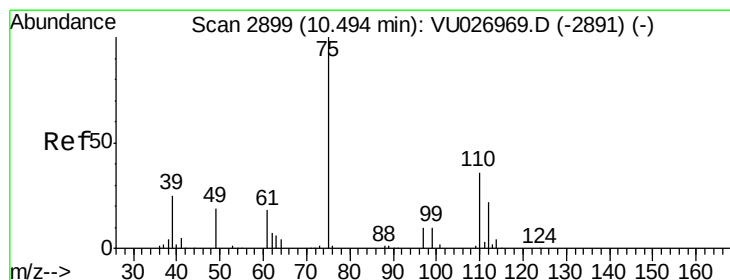
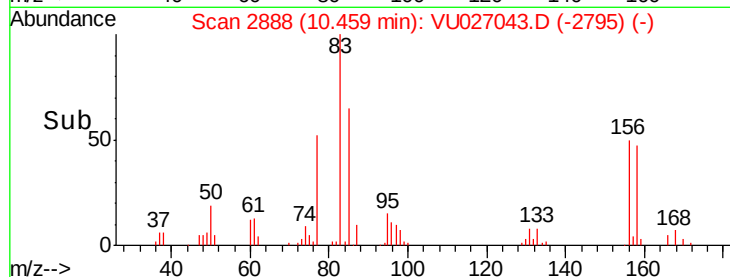
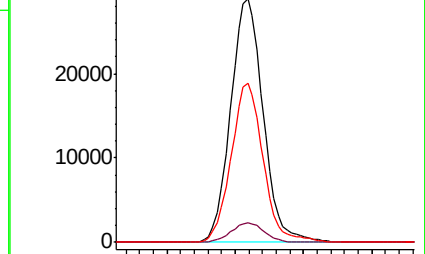
85 64.3 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VU026969.D (-2875) (-)

Ion 130.80 (130.50 to 131.50): VU026969.D (-2875) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-2875) (-)



#76

1,2,3-Trichloropropane

Concen: 25.217 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027043.D

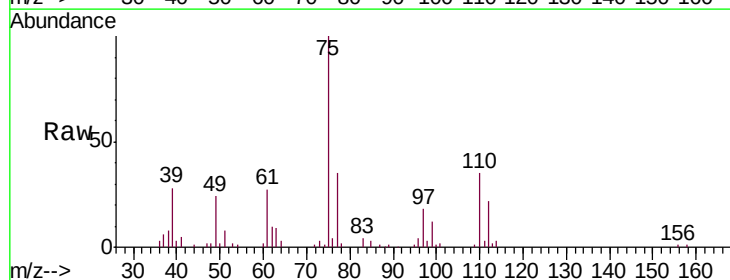
Acq: 23 Sep 2018 02:38

Tgt Ion: 75 Resp: 54805

Ion Ratio Lower Upper

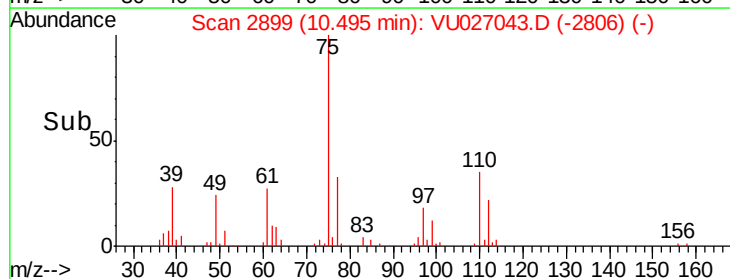
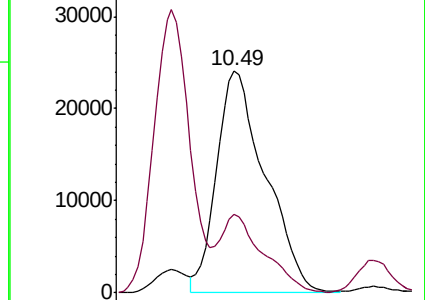
75 100

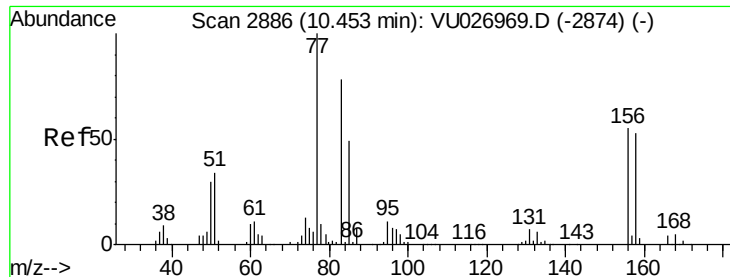
77 30.2 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU026969.D (-2891) (-)

Ion 77.00 (76.70 to 77.70): VU026969.D (-2891) (-)





#77

Bromobenzene

Concen: 20.354 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

VU0923WBS01

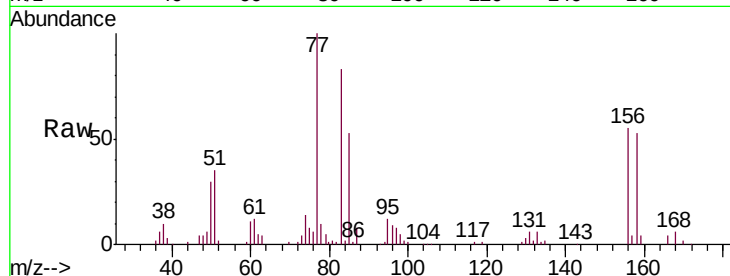
Tgt Ion:156 Resp: 27067

Ion Ratio Lower Upper

156 100

77 188.4 92.3 276.9

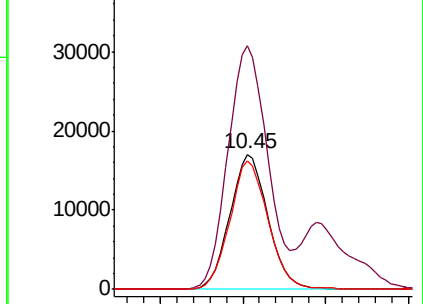
158 96.1 48.1 144.3



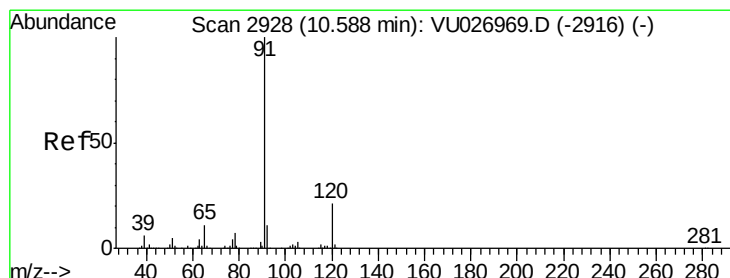
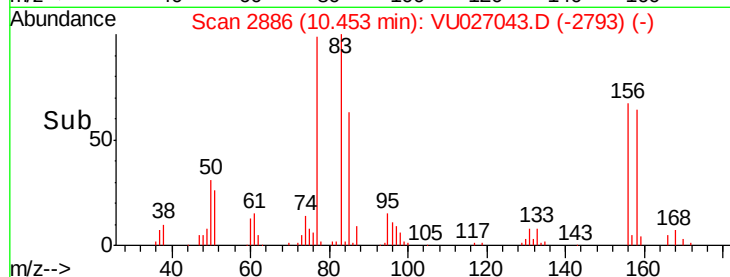
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 21.229 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027043.D

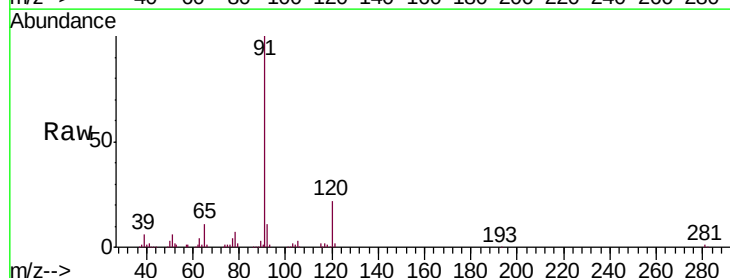
Acq: 23 Sep 2018 02:38

Tgt Ion: 91 Resp: 136690

Ion Ratio Lower Upper

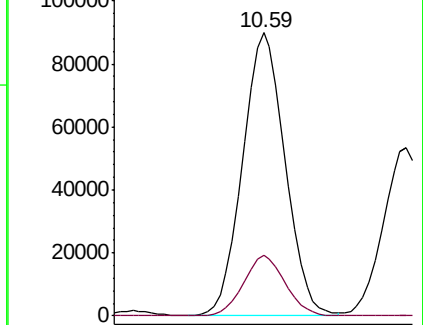
91 100

120 21.0 10.6 31.8

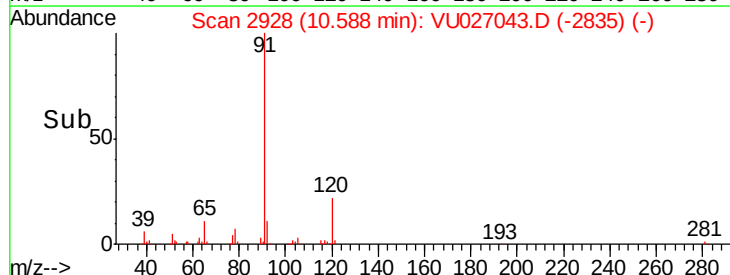


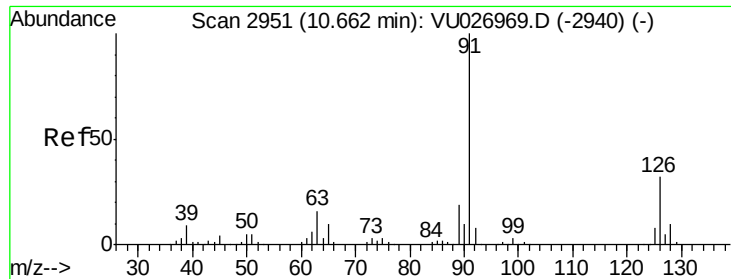
Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V



Time-->

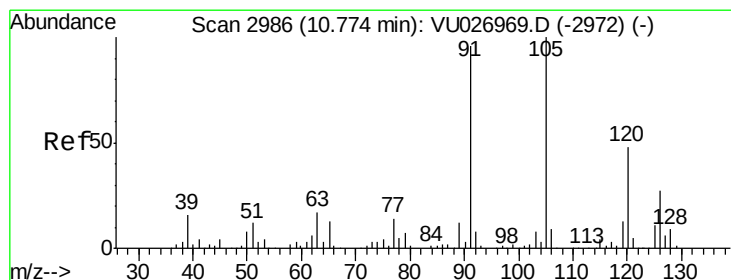
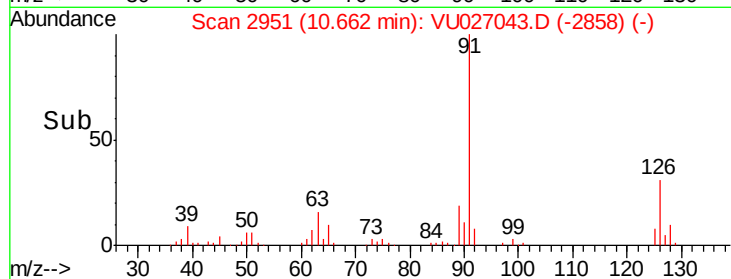
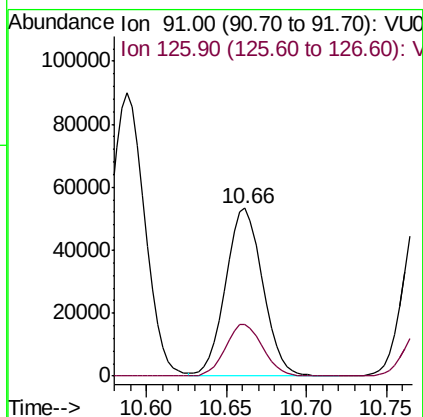
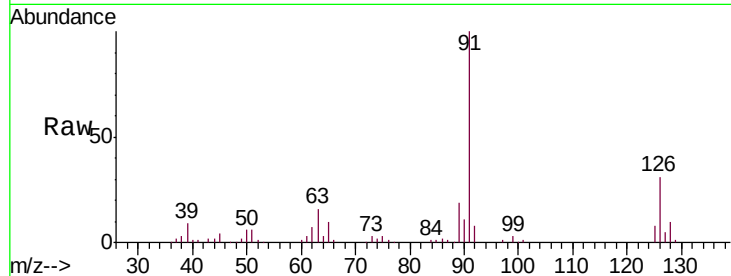




#79
 2-Chlorotoluene
 Concen: 20.803 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

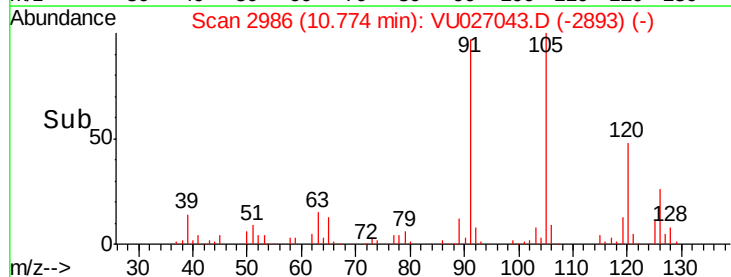
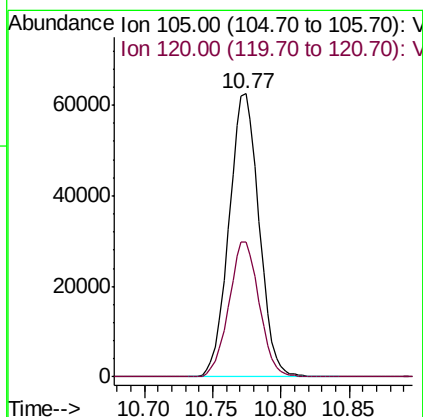
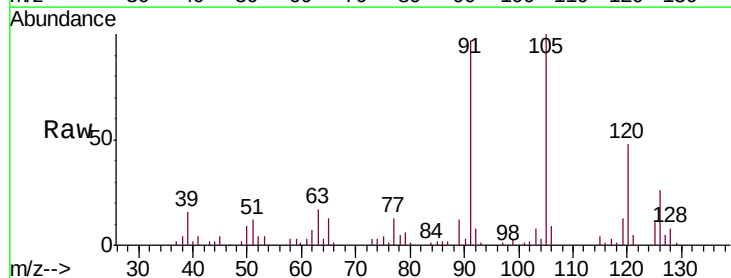
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS01

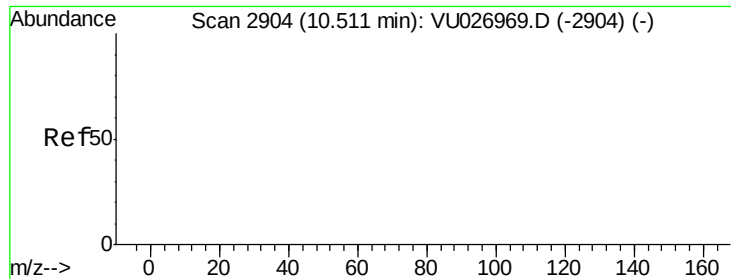
Tgt Ion: 91 Resp: 84138
 Ion Ratio Lower Upper
 91 100
 126 31.0 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 21.321 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

Tgt Ion: 105 Resp: 95776
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.9 71.7

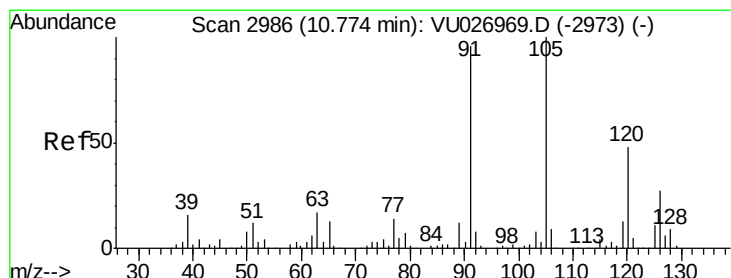
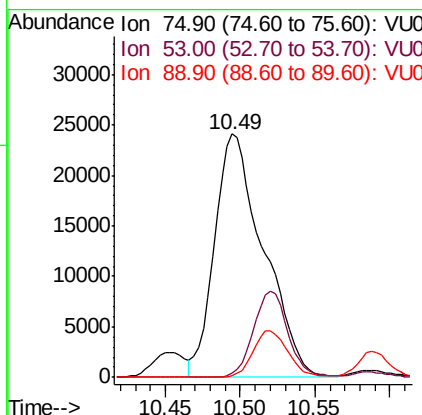
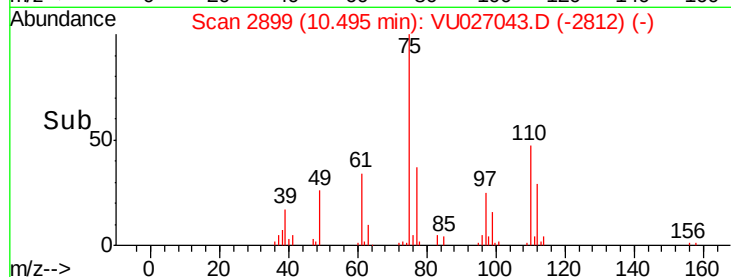
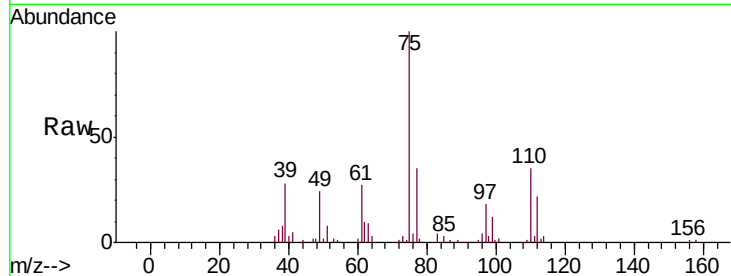




#81
trans-1,4-Dichloro-2-butene
Concen: 80.700 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

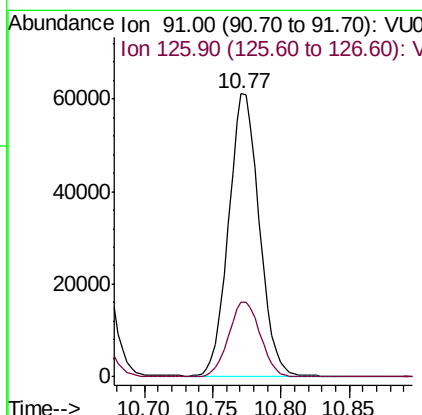
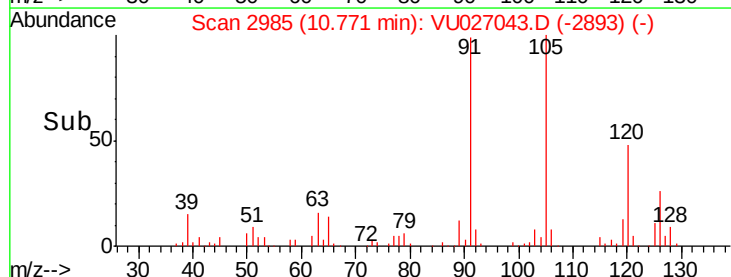
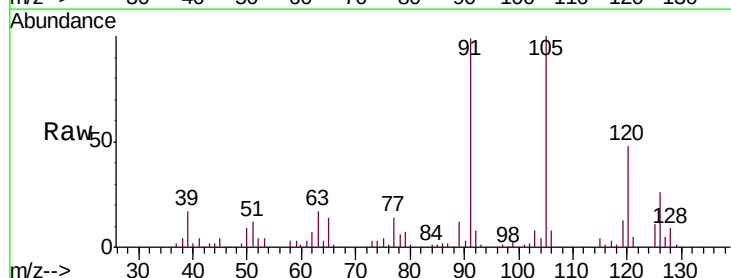
Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS01

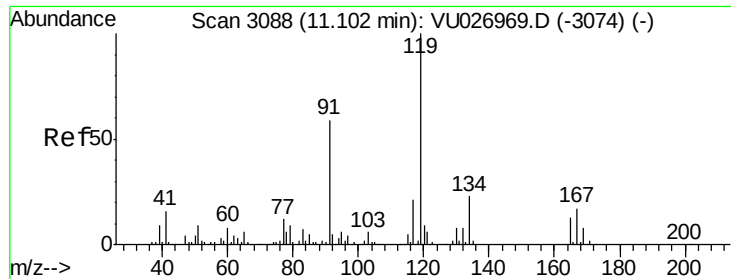
Tgt Ion: 75 Resp: 54805
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 20.960 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

Tgt Ion: 91 Resp: 95055
Ion Ratio Lower Upper
91 100
126 27.5 14.1 42.2

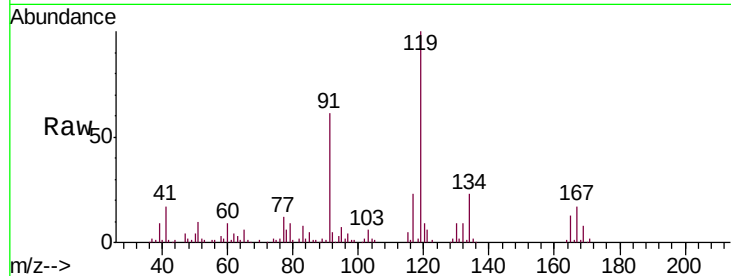




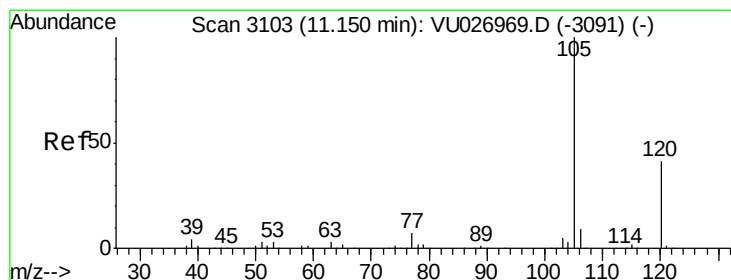
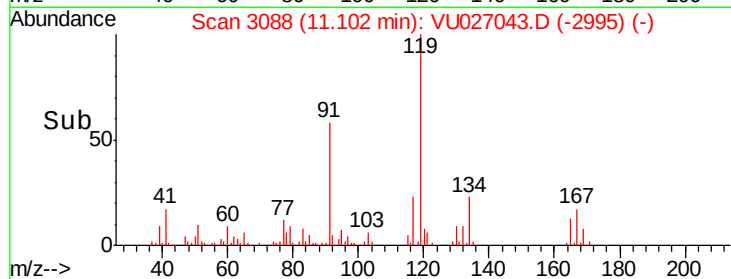
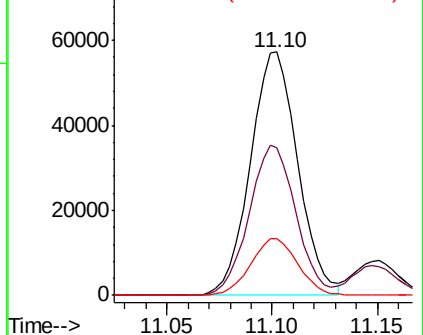
#83
 tert-Butylbenzene
 Concen: 20.211 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS01

Tgt Ion:119 Resp: 89761
 Ion Ratio Lower Upper
 119 100
 91 60.7 29.8 89.4
 134 23.2 11.5 34.4

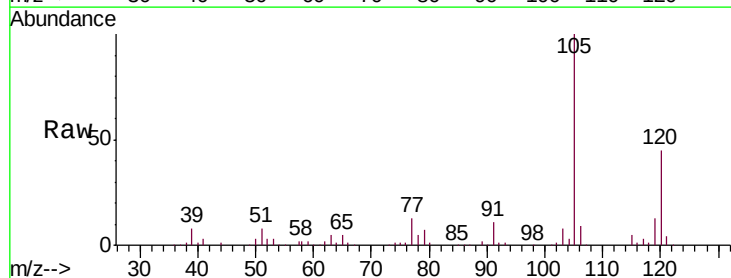


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

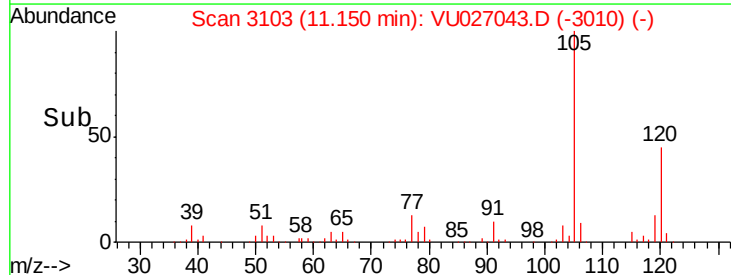
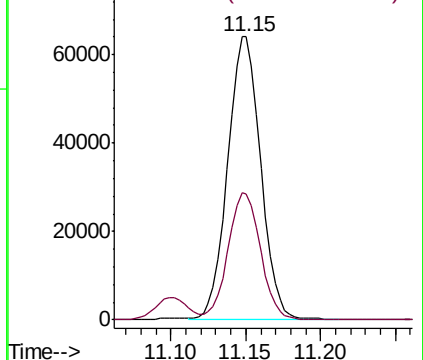


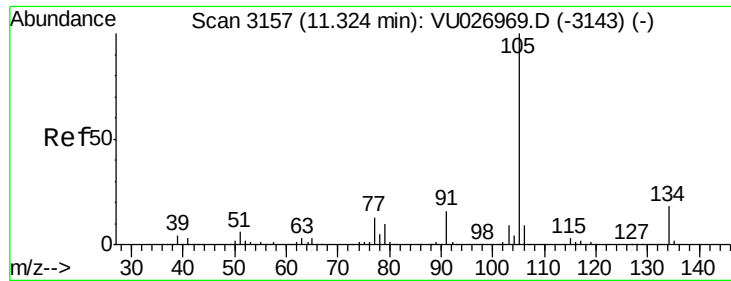
#84
 1,2,4-Trimethylbenzene
 Concen: 21.347 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

Tgt Ion:105 Resp: 97589
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.248 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

Instrument :

MSVOA_U

ClientSampleId :

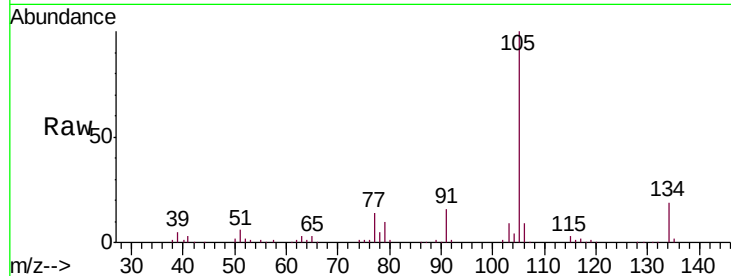
VU0923WBS01

Tgt Ion:105 Resp: 115192

Ion Ratio Lower Upper

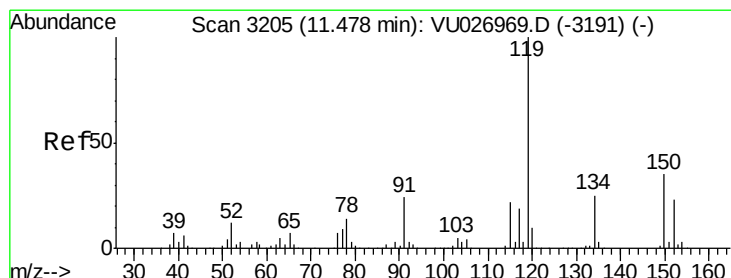
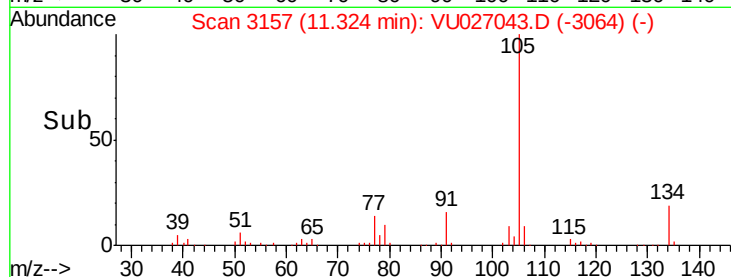
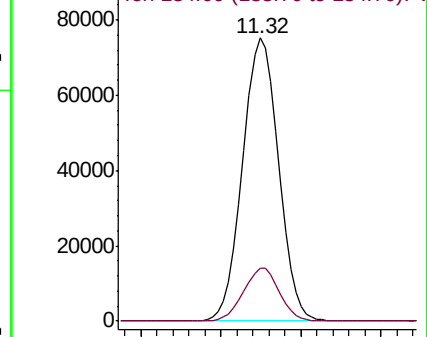
105 100

134 18.7 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.250 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VU027043.D

Acq: 23 Sep 2018 02:38

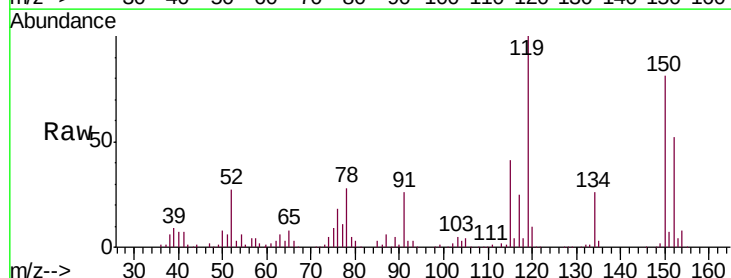
Tgt Ion:119 Resp: 94970

Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.3

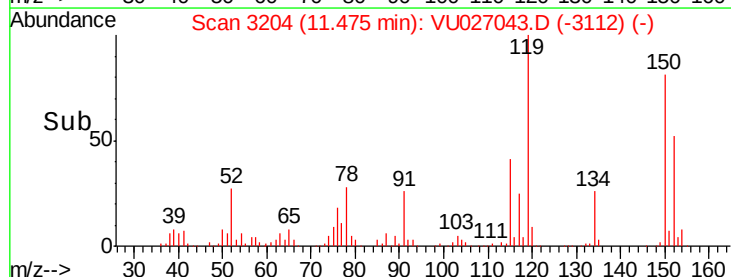
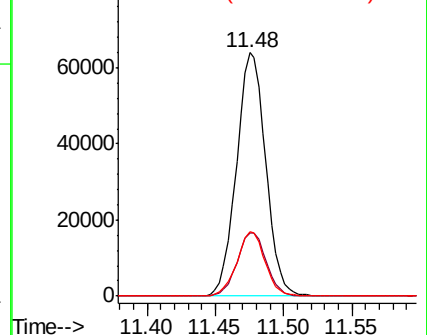
91 25.6 12.3 36.8

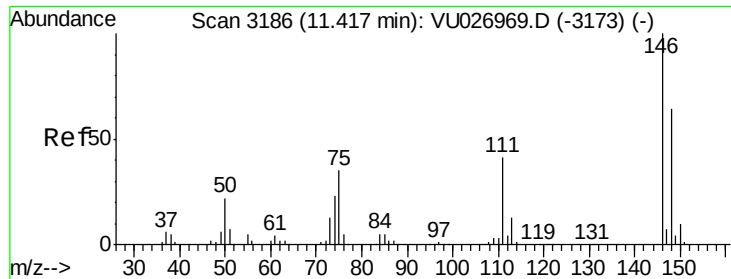


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU

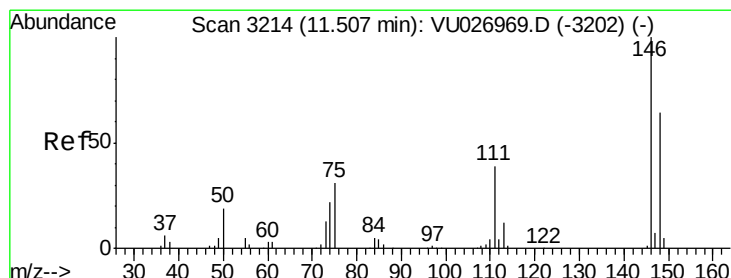
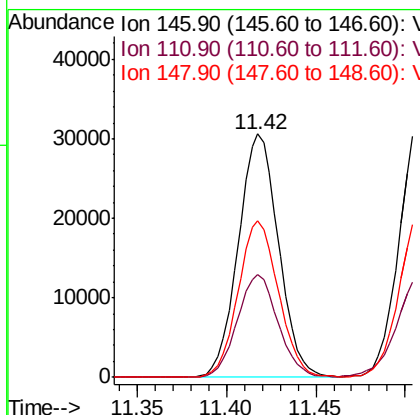
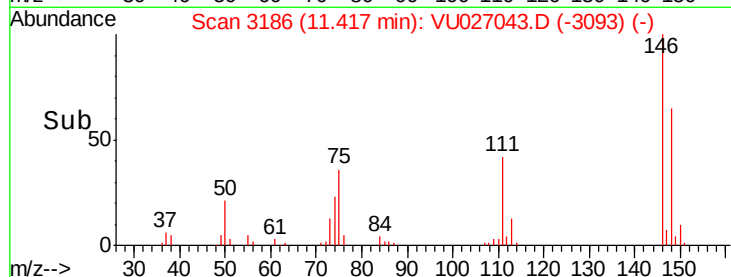
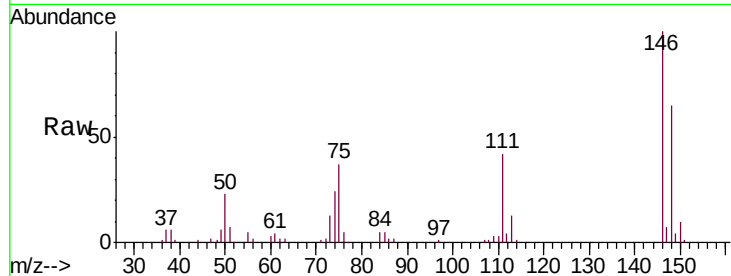




#87
 1,3-Dichlorobenzene
 Concen: 19.500 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

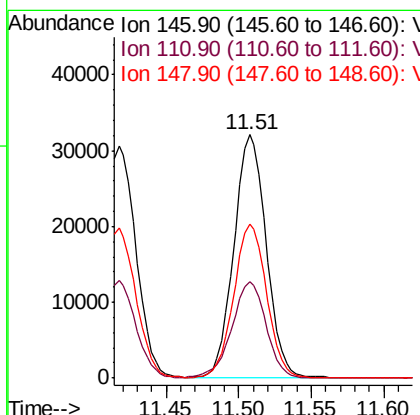
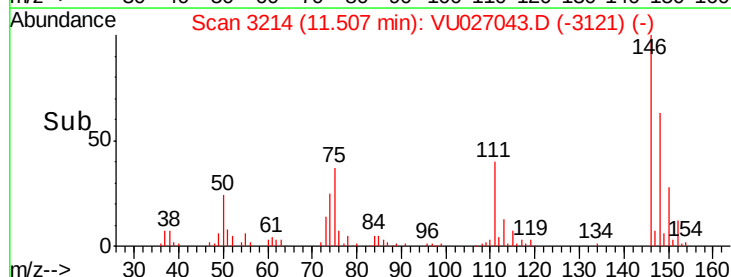
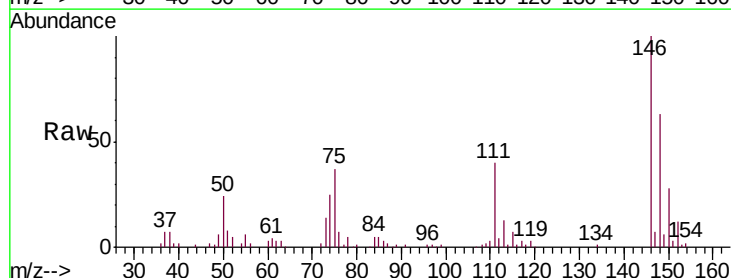
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS01

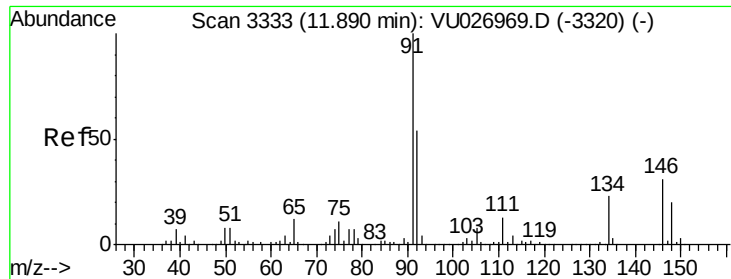
Tgt Ion:146 Resp: 48256
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.8 62.2
 148 64.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.468 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

Tgt Ion:146 Resp: 49808
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.3 60.9
 148 64.6 31.9 95.9

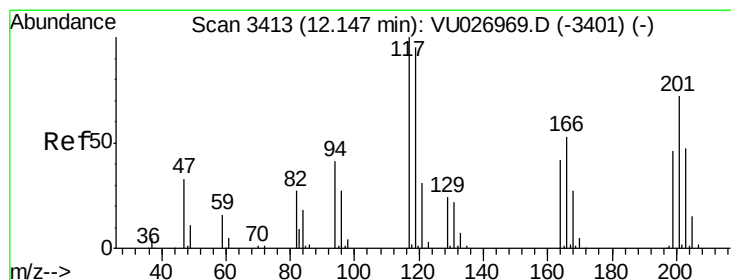
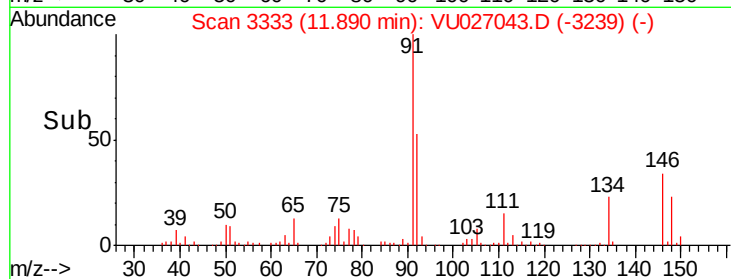
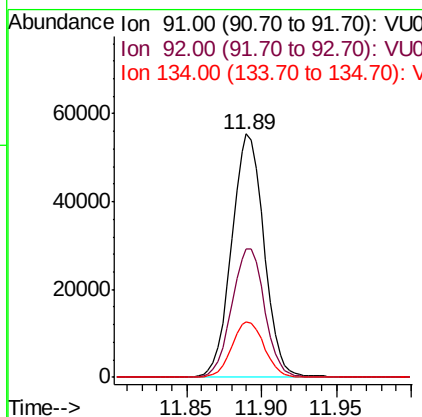
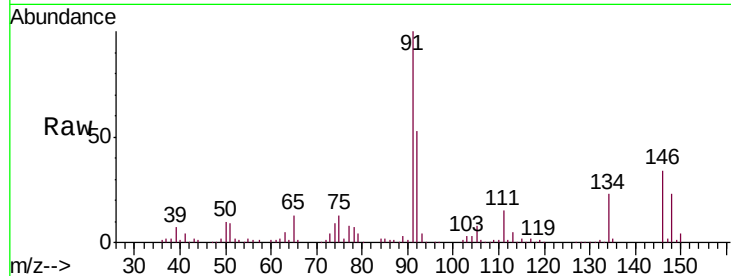




#89
n-Butylbenzene
Concen: 18.546 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

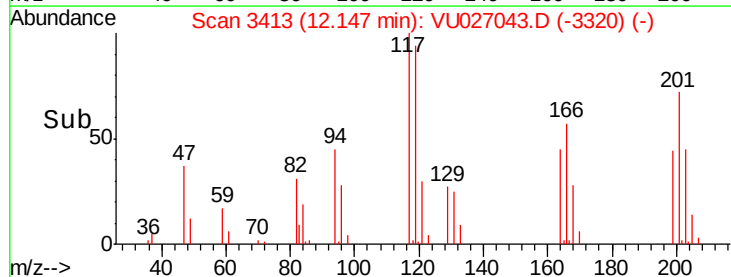
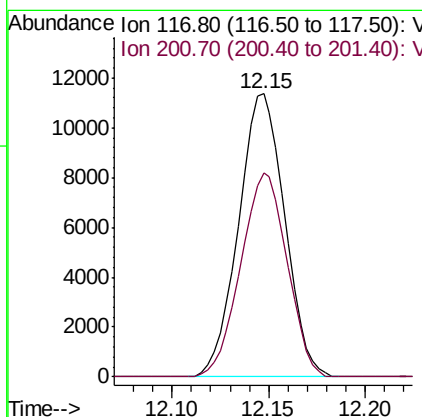
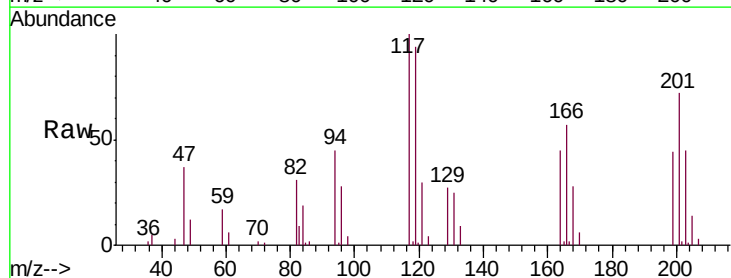
Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS01

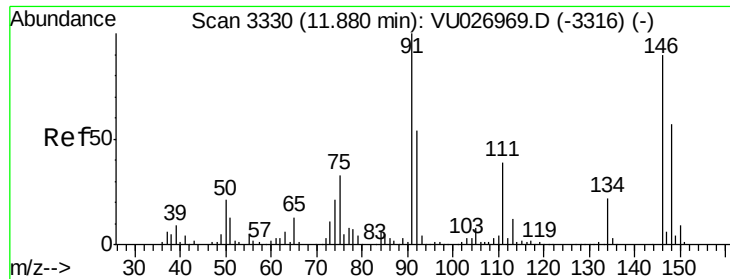
Tgt Ion: 91 Resp: 83658
Ion Ratio Lower Upper
91 100
92 53.6 27.1 81.2
134 22.8 11.7 35.0



#90
Hexachloroethane
Concen: 19.163 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

Tgt Ion: 117 Resp: 18892
Ion Ratio Lower Upper
117 100
201 72.1 36.8 110.3

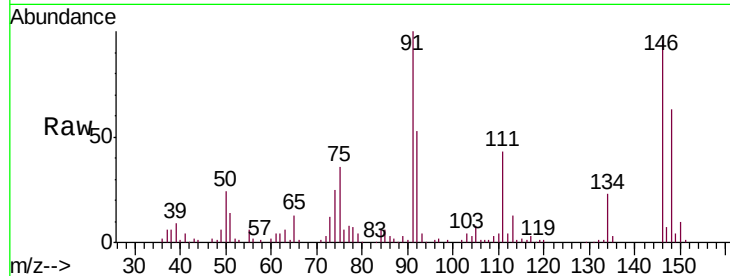




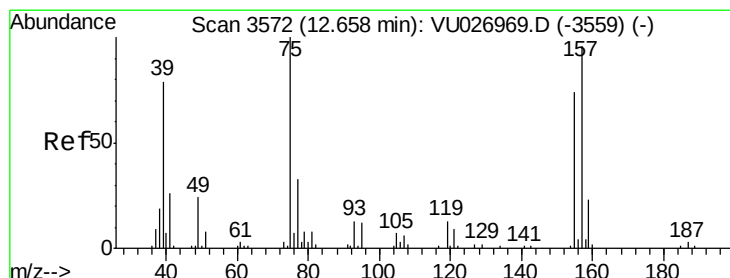
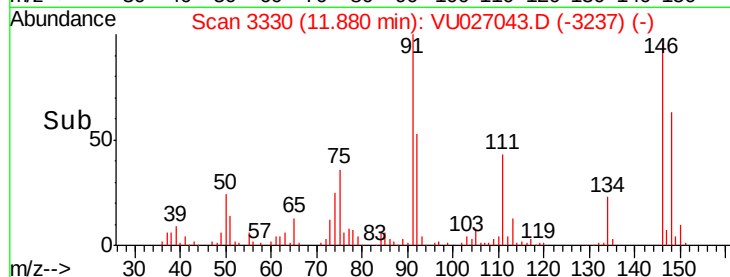
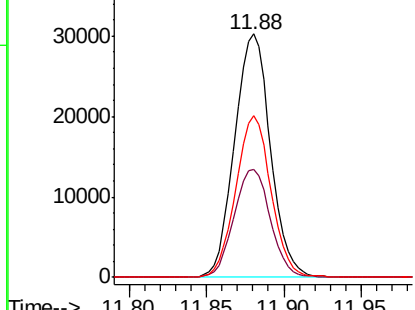
#91
 1,2-Dichlorobenzene
 Concen: 18.529 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS01

Tgt Ion: 146 Resp: 48705
 Ion Ratio Lower Upper
 146 100
 111 44.9 21.8 65.3
 148 65.3 31.9 95.7

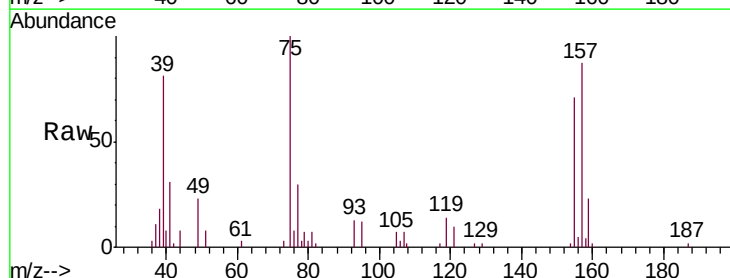


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

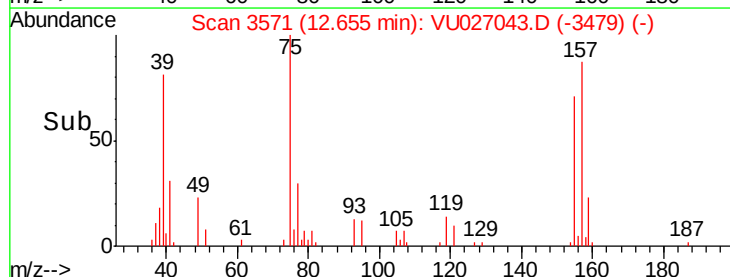
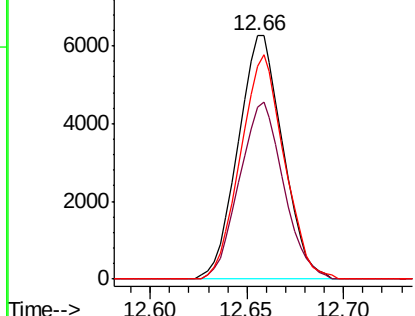


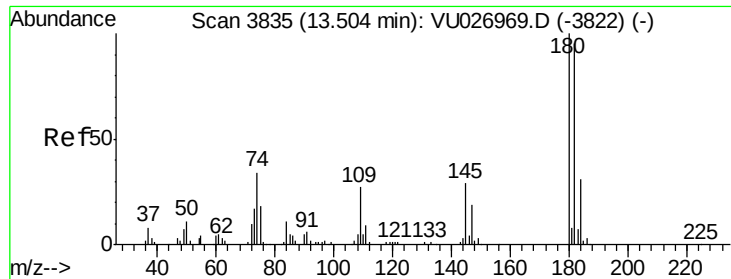
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.780 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

Tgt Ion: 75 Resp: 10096
 Ion Ratio Lower Upper
 75 100
 155 71.7 36.6 109.8
 157 89.9 47.4 142.2



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

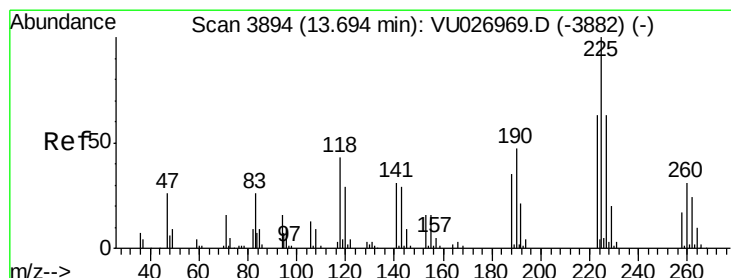
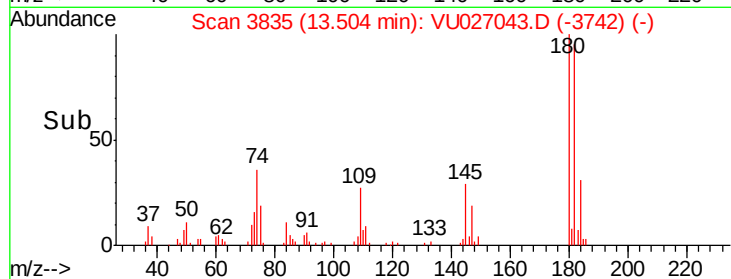
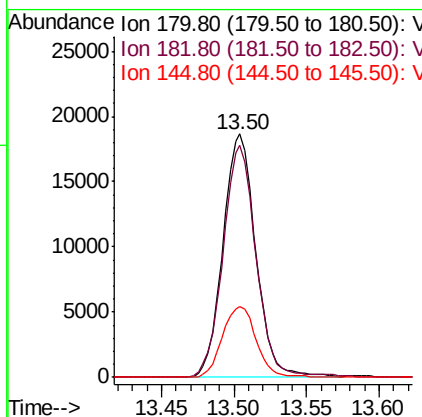
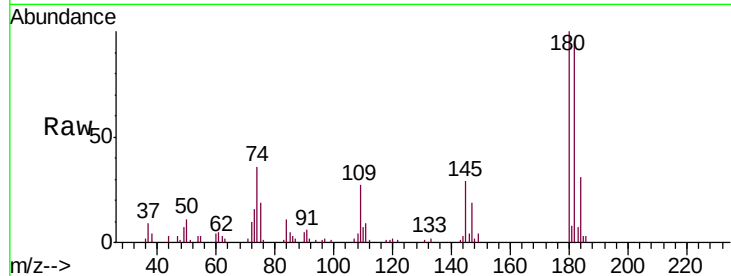




#93
 1,2,4-Trichlorobenzene
 Concen: 19.356 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

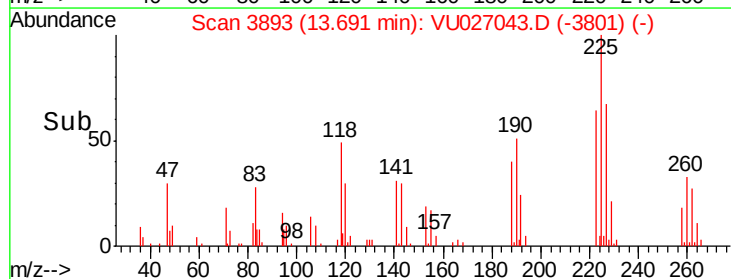
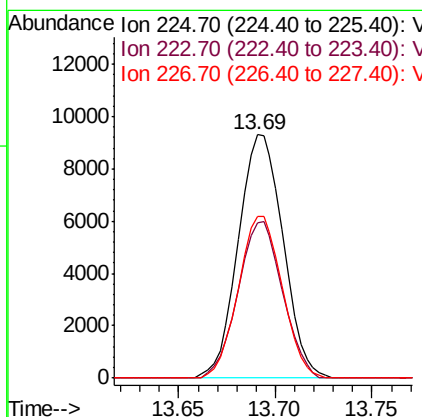
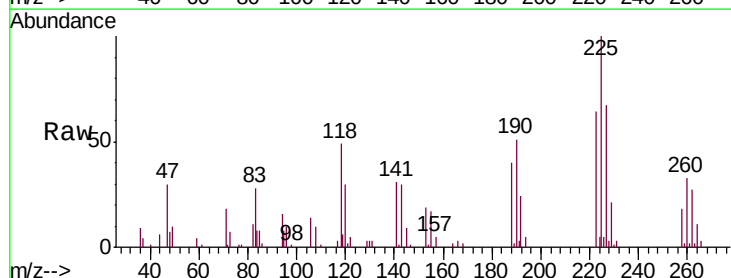
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS01

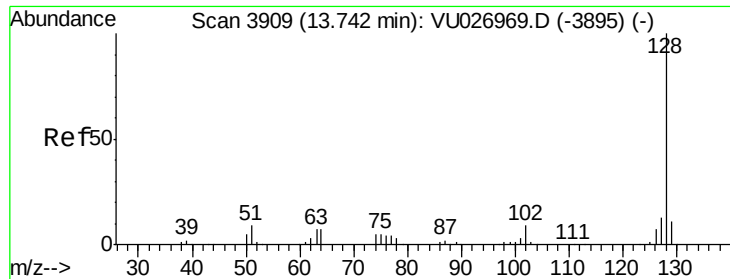
Tgt Ion:	180	Resp:	29321
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.4	142.2
145	29.9	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 18.735 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027043.D
 Acq: 23 Sep 2018 02:38

Tgt Ion:	225	Resp:	15016
Ion Ratio	Lower	Upper	
225	100		
223	63.7	31.9	95.7
227	64.9	32.1	96.5

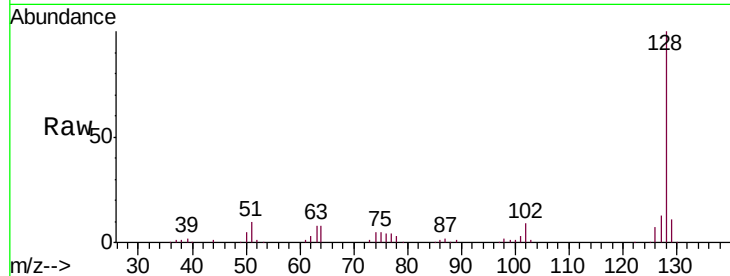




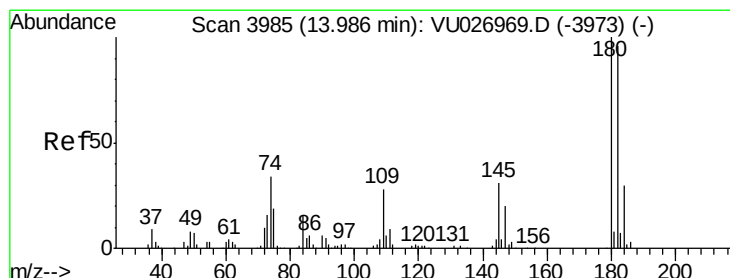
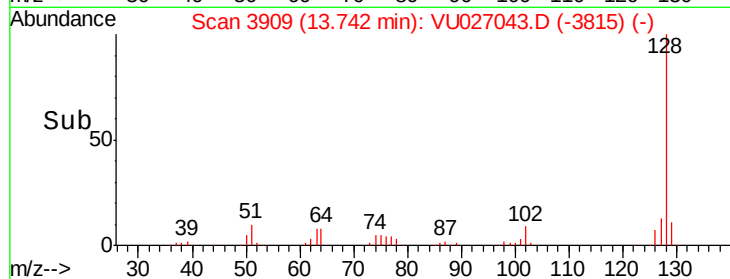
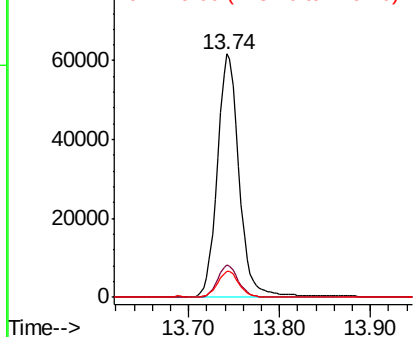
#95
Naphthalene
Concen: 18.501 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

Instrument :
MSVOA_U
ClientSampleId :
VU0923WBS01

Tgt Ion:128 Resp: 103054
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 10.6 8.6 12.8

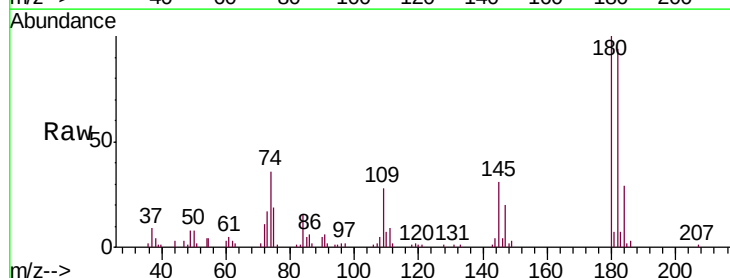


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.996 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027043.D
Acq: 23 Sep 2018 02:38

Tgt Ion:180 Resp: 32482
Ion Ratio Lower Upper
180 100
182 92.8 47.5 142.5
145 31.4 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

