

Data File : VU025715.D
Acq On : 30 Jul 2018 11:34
Operator : MD/SY
Sample : VU0730WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

Quant Time: Aug 07 05:55:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	200313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	292874	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	282642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	180713	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	155814	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
35) Dibromofluoromethane	4.89	113	128153	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
50) Toluene-d8	7.57	98	458364	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
62) 4-Bromofluorobenzene	10.31	95	177819	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	64627	21.346	ug/l	99
3) Chloromethane	1.33	50	56671	19.584	ug/l	99
4) Vinyl Chloride	1.41	62	51939	19.073	ug/l	99
5) Bromomethane	1.63	94	26568	19.975	ug/l	99
6) Chloroethane	1.70	64	30307	19.033	ug/l	95
7) Trichlorofluoromethane	1.89	101	79248	20.127	ug/l	100
8) Diethyl Ether	2.10	74	27624	19.390	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	44500	19.530	ug/l	100
10) Methyl Iodide	2.41	142	26467	18.908	ug/l	98
11) Tert butyl alcohol	2.82	59	59543	87.137	ug/l	100
12) 1,1-Dichloroethene	2.29	96	39900	18.551	ug/l	95
13) Acrolein	2.19	56	20156	80.067	ug/l	93
14) Allyl chloride	2.59	41	71965	18.619	ug/l	96
15) Acrylonitrile	2.94	53	125036	91.647	ug/l	98
16) Acetone	2.32	43	137536	90.385	ug/l	98
17) Carbon Disulfide	2.48	76	131527	18.895	ug/l	100
18) Methyl Acetate	2.62	43	73588	20.093	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	152836	19.609	ug/l	99
20) Methylene Chloride	2.70	84	49976	18.532	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	47827	19.236	ug/l	97
22) Diisopropyl ether	3.57	45	148801	19.537	ug/l	96
23) Vinyl Acetate	3.53	43	631061	95.072	ug/l	98
24) 1,1-Dichloroethane	3.45	63	88976	19.461	ug/l	100
25) 2-Butanone	4.26	43	190317	91.878	ug/l	99
26) 2,2-Dichloropropane	4.23	77	85549	20.586	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	54455	19.427	ug/l	99
28) Bromochloromethane	4.55	49	41303	20.205	ug/l	99
29) Tetrahydrofuran	4.64	42	112701	90.815	ug/l	99
30) Chloroform	4.68	83	92097	19.083	ug/l	98
31) Cyclohexane	5.00	56	80280	19.356	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	85864	19.762	ug/l	99
36) 1,1-Dichloropropene	5.14	75	71613	20.923	ug/l	99
37) Ethyl Acetate	4.38	43	64938	18.298	ug/l	99
38) Carbon Tetrachloride	5.14	117	77632	20.025	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	81531	20.790	ug/l	98
40) Benzene	5.39	78	196285	19.619	ug/l	99
41) Methacrylonitrile	4.54	41	37704	19.127	ug/l	98
42) 1,2-Dichloroethane	5.41	62	75222	19.526	ug/l	98
43) Isopropyl Acetate	5.55	43	109165	18.614	ug/l	98
44) Trichloroethene	6.19	130	55982	20.093	ug/l	100
45) 1,2-Dichloropropane	6.44	63	50656	19.414	ug/l	100
46) Dibromomethane	6.56	93	37084	19.615	ug/l	99
47) Bromodichloromethane	6.76	83	71950	19.951	ug/l	94
48) Methyl methacrylate	6.63	41	55386	19.269	ug/l	97
49) 1,4-Dioxane	6.61	88	27487	392.972	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	344773	93.901	ug/l	100
52) Toluene	7.64	92	127282	20.478	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	82784	20.444	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	85230	20.490	ug/l	95
55) 1,1,2-Trichloroethane	8.07	97	49669	19.229	ug/l	98
56) Ethyl methacrylate	8.02	69	72664	19.689	ug/l	98
57) 1,3-Dichloropropane	8.25	76	85961	19.789	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	153254	96.182	ug/l	100
59) 2-Hexanone	8.36	43	269948	93.793	ug/l	99
60) Dibromochloromethane	8.48	129	59738	19.612	ug/l	99
61) 1,2-Dibromoethane	8.59	107	55960	19.480	ug/l	98
64) Tetrachloroethene	8.23	164	50101	20.139	ug/l	99
65) Chlorobenzene	9.12	112	143685	19.718	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	54094	20.520	ug/l	98
67) Ethyl Benzene	9.25	91	244200	20.231	ug/l	99
68) m/p-Xylenes	9.38	106	192425	41.523	ug/l	100
69) o-Xylene	9.78	106	90818	20.052	ug/l	97
70) Styrene	9.80	104	150941	20.632	ug/l	98
71) Bromoform	9.96	173	45828	20.049	ug/l #	100
73) Isopropylbenzene	10.17	105	250420	20.303	ug/l	100
74) N-amyl acetate	10.01	43	97970	19.457	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	79929	18.739	ug/l	97
76) 1,2,3-Trichloropropane	10.50	75	94193	23.657	ug/l	83
77) Bromobenzene	10.45	156	66007	19.402	ug/l	97
78) n-propylbenzene	10.59	91	298604	20.742	ug/l	100
79) 2-Chlorotoluene	10.66	91	173593	20.587	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	216715	20.689	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	94193	59.319	ug/l #	100
82) 4-Chlorotoluene	10.78	91	208398	20.967	ug/l	99
83) tert-Butylbenzene	11.10	119	211482	20.320	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	221070	20.826	ug/l	98
85) sec-Butylbenzene	11.33	105	265414	20.888	ug/l	100
86) p-Isopropyltoluene	11.48	119	239692	21.066	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	127171	20.139	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	129493	19.672	ug/l	99
89) n-Butylbenzene	11.89	91	220437	20.995	ug/l	99
90) Hexachloroethane	12.15	117	39359	19.456	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	124929	20.183	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19222	19.009	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073018\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	87917	21.045	ug/l	99
94) Hexachlorobutadiene	13.70	225	44855	20.369	ug/l	98
95) Naphthalene	13.75	128	234598	18.296	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	84405	20.254	ug/l	98

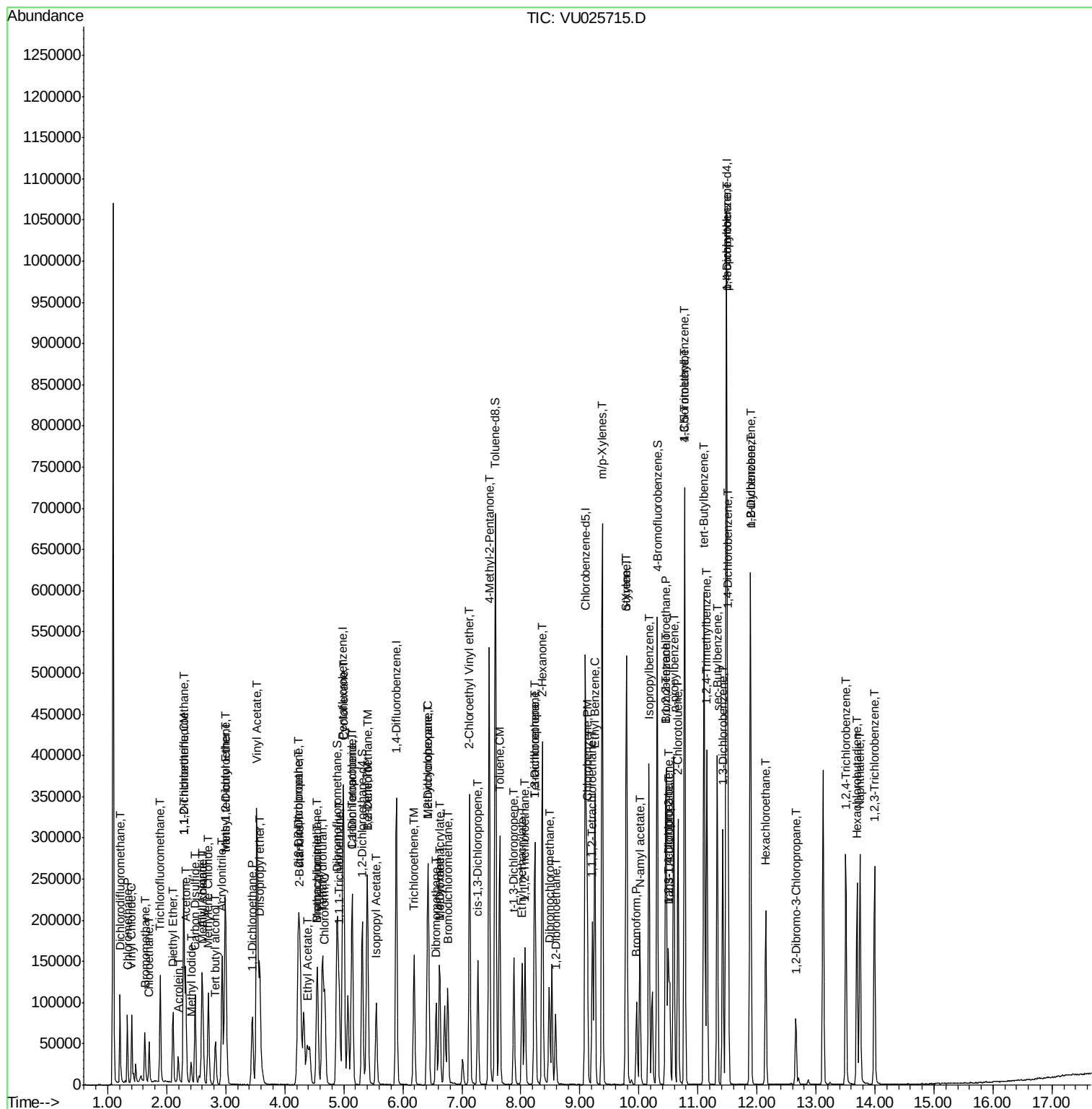
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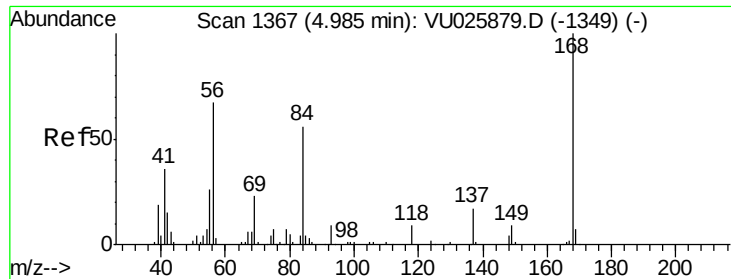
Data File : VU025715.D

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Acq On       : 30 Jul 2018   11:34
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

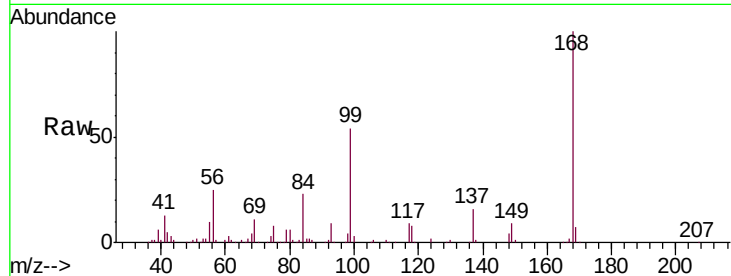
VU0730WBS01

Tgt Ion:168 Resp: 200313

Ion Ratio Lower Upper

168 100

99 54.3 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025879.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025879.D (-1349) (-)

4.99

100000

80000

60000

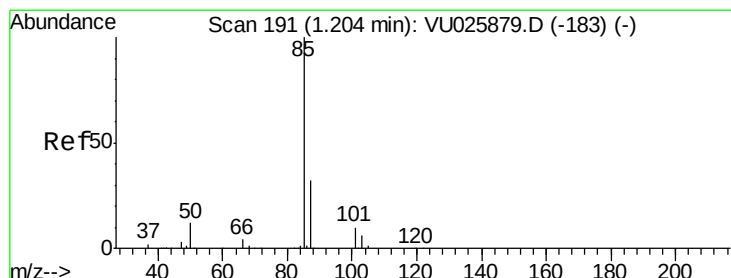
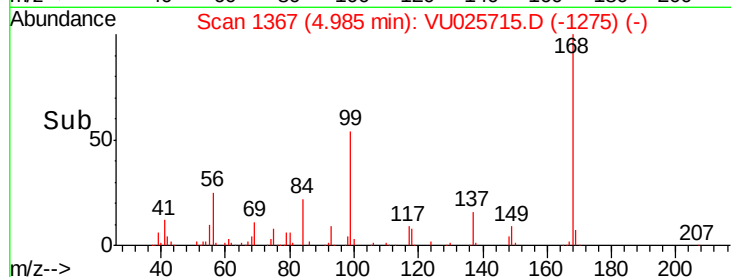
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.346 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025715.D

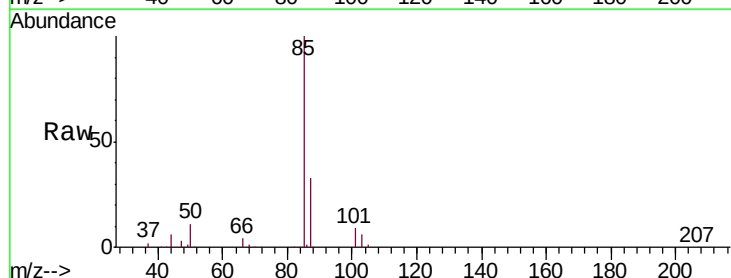
Acq: 30 Jul 2018 11:34

Tgt Ion: 85 Resp: 64627

Ion Ratio Lower Upper

85 100

87 32.6 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025879.D (-183) (-)

Ion 86.90 (86.60 to 87.60): VU025879.D (-183) (-)

1.21

60000

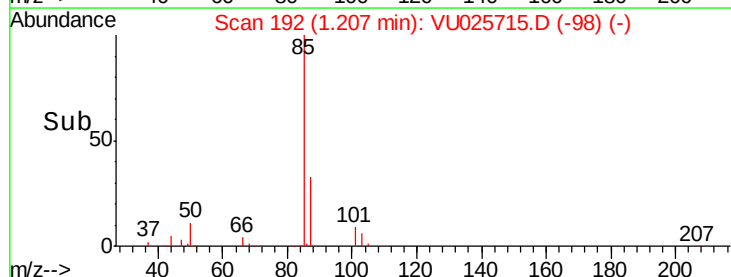
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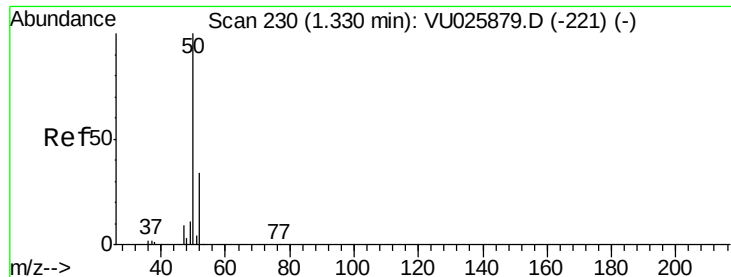
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.584 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

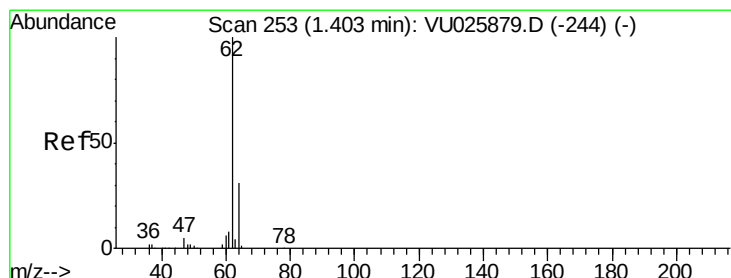
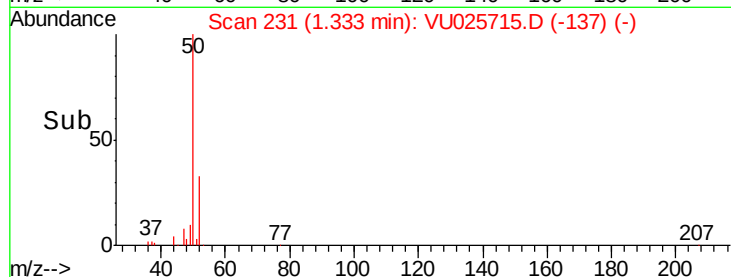
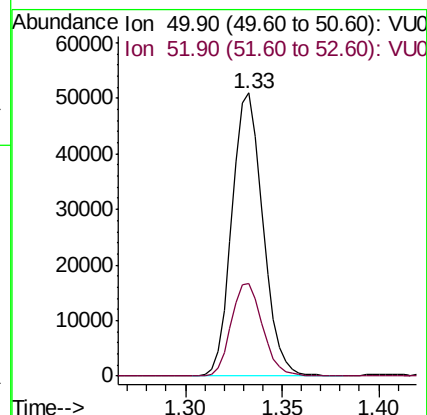
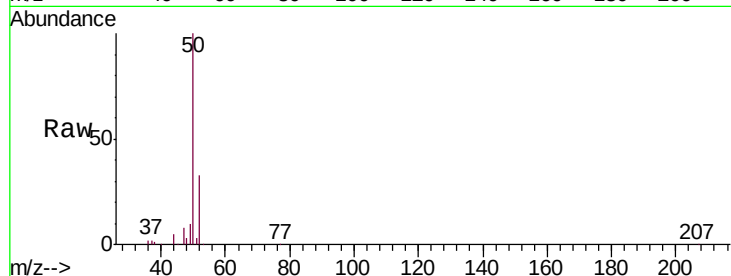
VU0730WBS01

Tgt Ion: 50 Resp: 56671

Ion Ratio Lower Upper

50 100

52 32.7 26.5 39.7



#4

Vinyl Chloride

Concen: 19.073 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025715.D

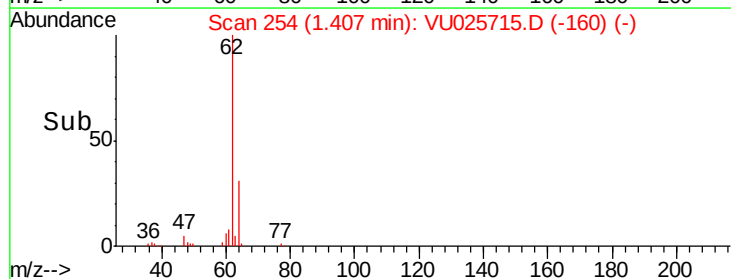
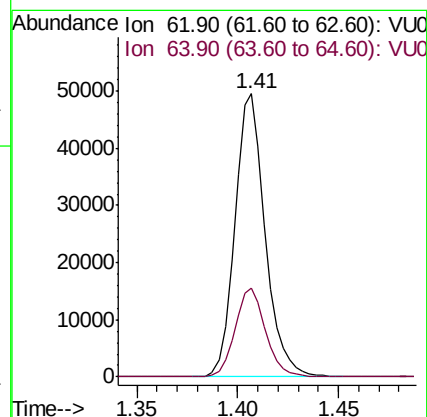
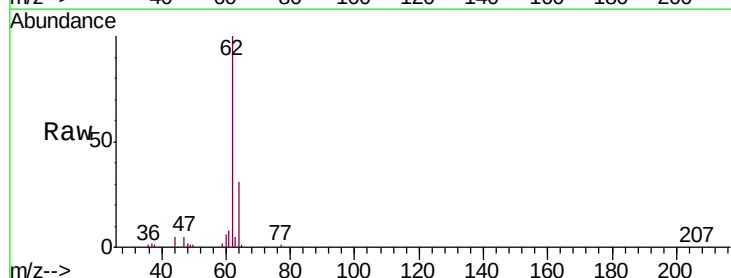
Acq: 30 Jul 2018 11:34

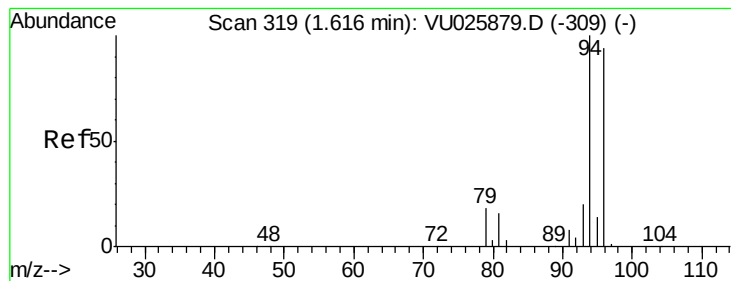
Tgt Ion: 62 Resp: 51939

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.0





#5

Bromomethane

Concen: 19.975 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.01 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

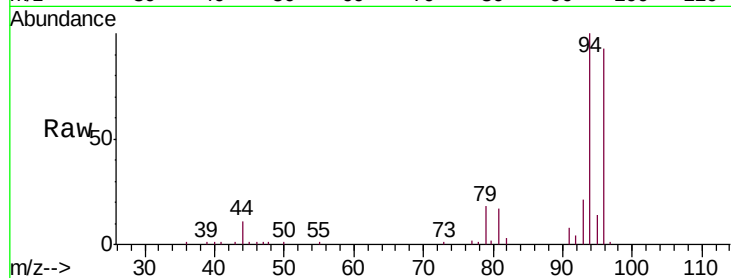
VU0730WBS01

Tgt Ion: 94 Resp: 26568

Ion Ratio Lower Upper

94 100

96 92.9 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.63

25000

20000

15000

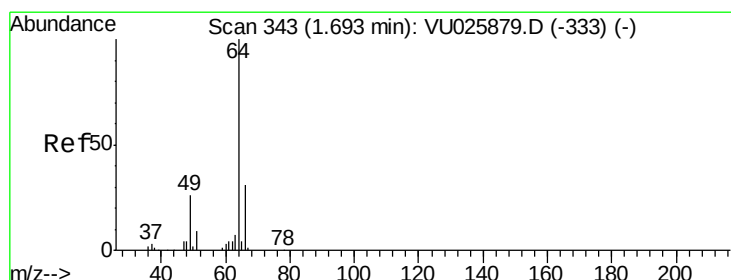
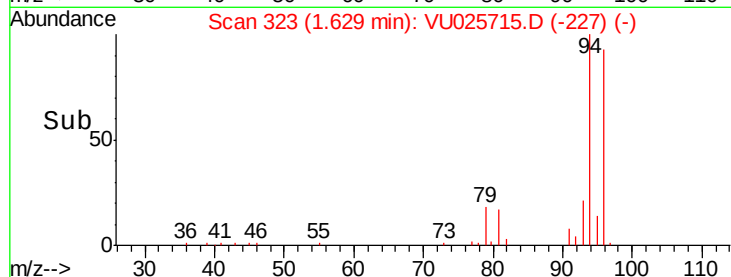
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 19.033 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.01 min

Lab File: VU025715.D

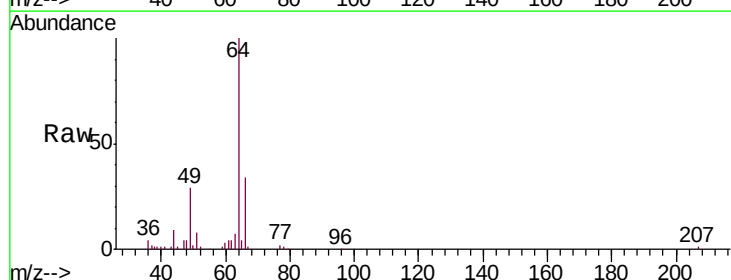
Acq: 30 Jul 2018 11:34

Tgt Ion: 64 Resp: 30307

Ion Ratio Lower Upper

64 100

66 33.8 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.70

25000

20000

15000

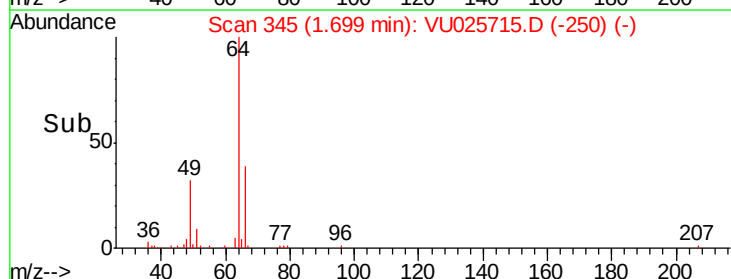
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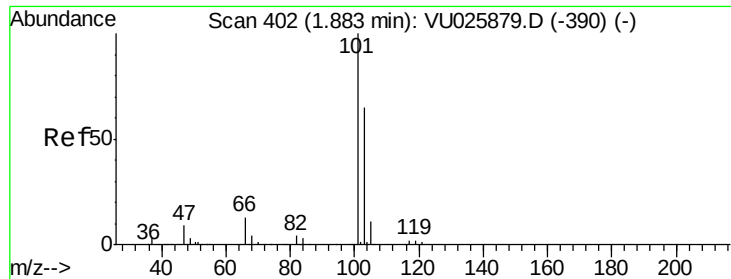
5000

0

Time-->

1.65 1.70 1.75



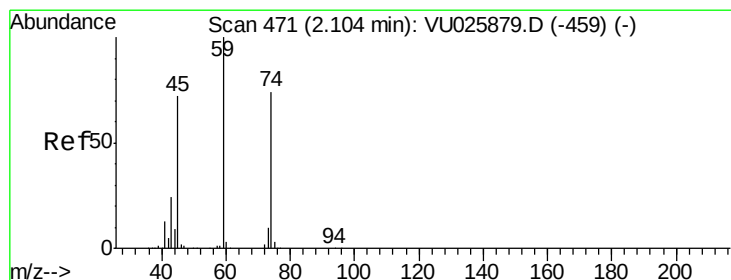
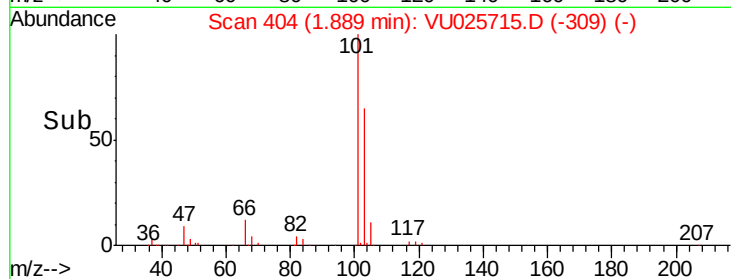
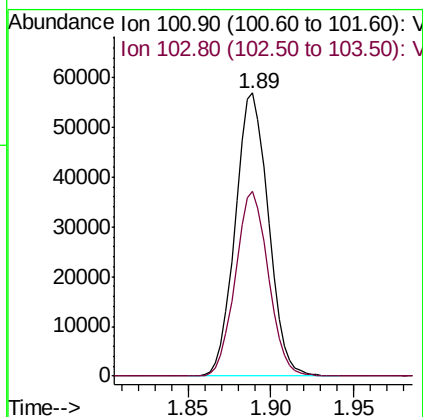
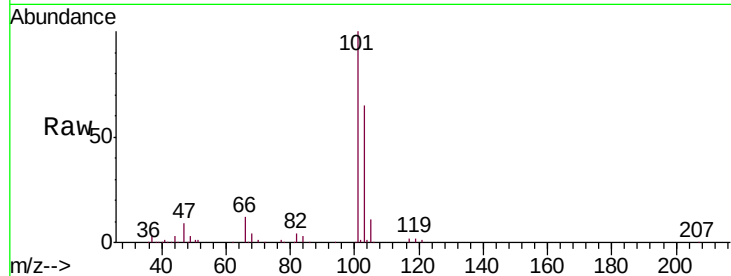


#7

Trichlorofluoromethane
 Concen: 20.127 ug/l
 RT: 1.89 min Scan# 404
 Delta R.T. 0.01 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

Instrument :
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 VU0730WBS01

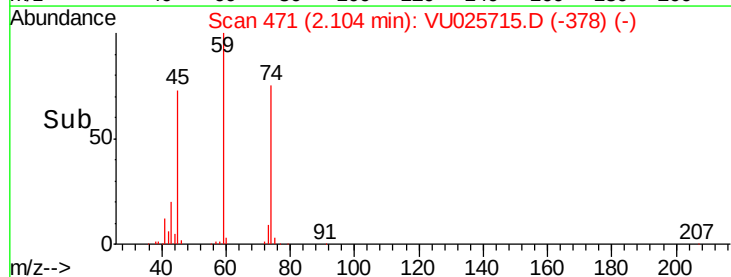
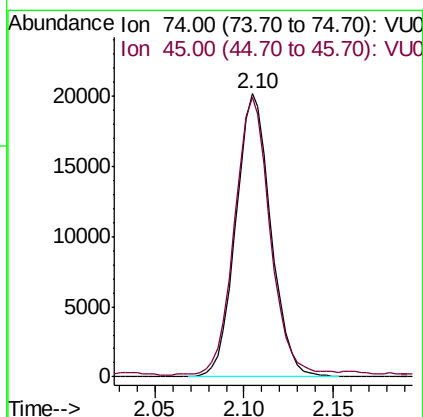
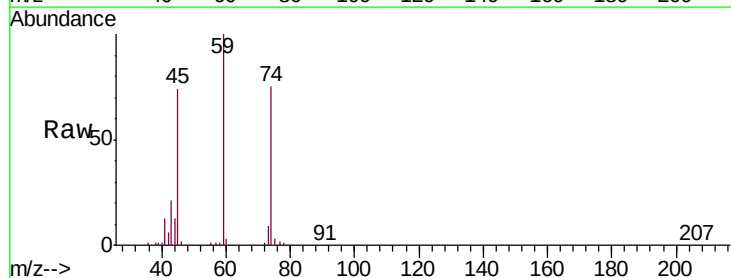
Tgt Ion:101 Resp: 79248
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.2 78.2

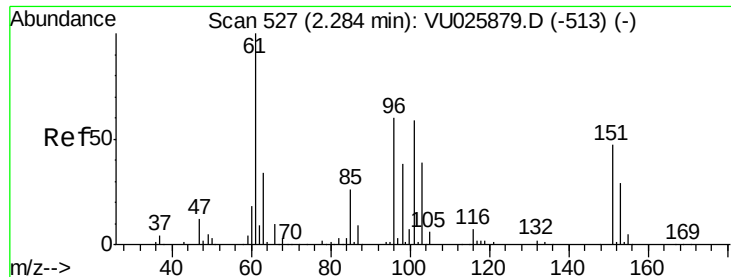


#8

Diethyl Ether
 Concen: 19.390 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

Tgt Ion: 74 Resp: 27624
 Ion Ratio Lower Upper
 74 100
 45 99.3 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.530 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBS01

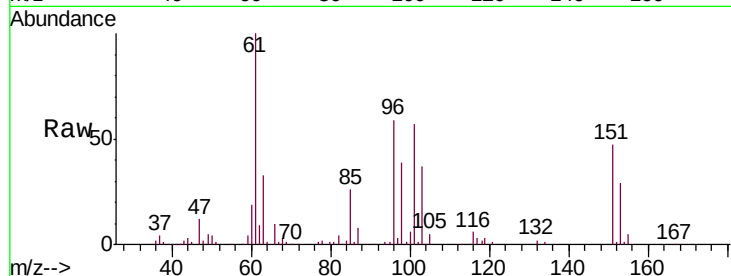
Tgt Ion:101 Resp: 44500

Ion Ratio Lower Upper

101 100

85 44.6 36.0 54.0

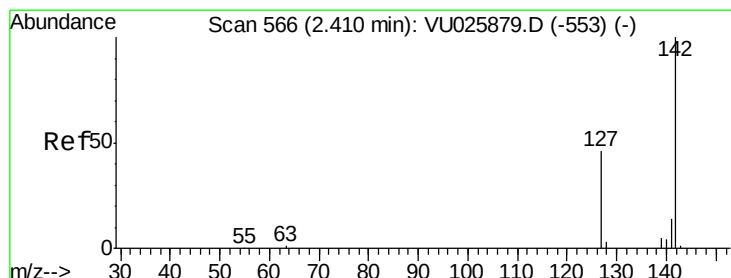
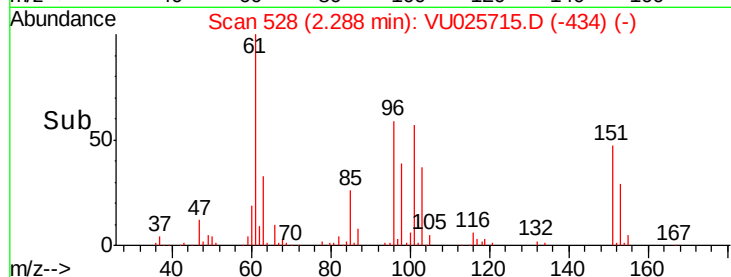
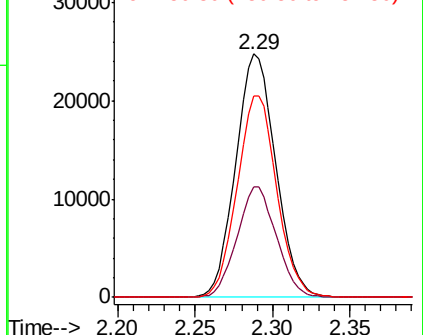
151 82.1 65.6 98.4



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: 18.908 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

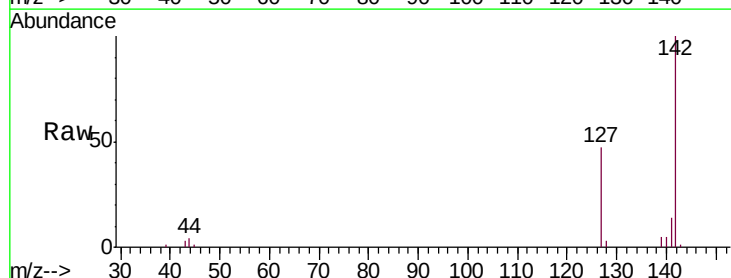
Tgt Ion:142 Resp: 26467

Ion Ratio Lower Upper

142 100

127 47.2 36.5 54.7

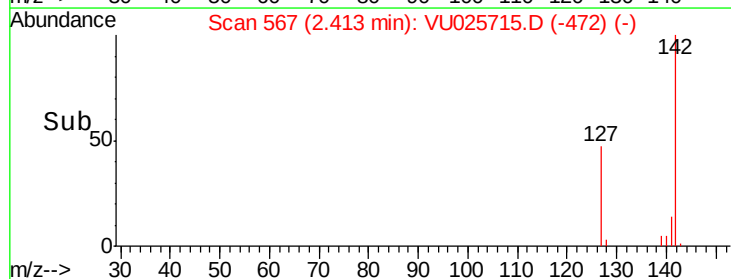
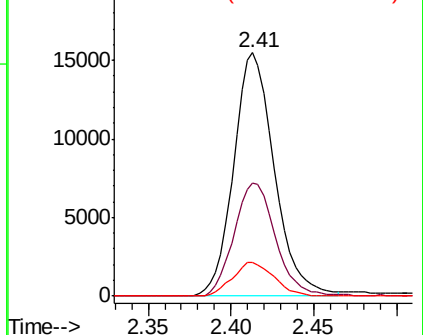
141 14.1 11.4 17.2

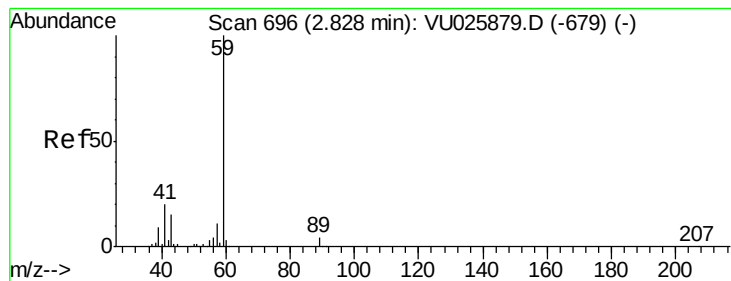


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 87.137 ug/l

RT: 2.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

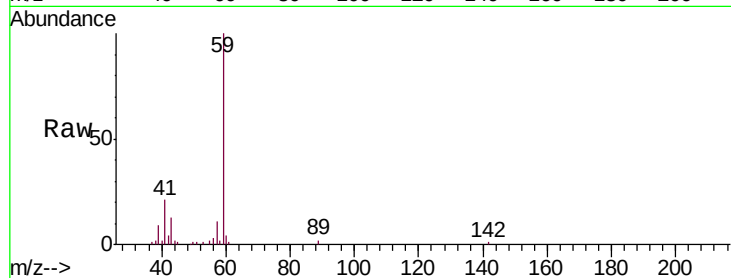
VU0730WBS01

Tgt Ion: 59 Resp: 59543

Ion Ratio Lower Upper

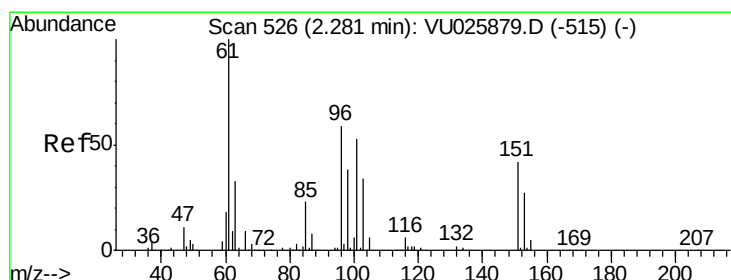
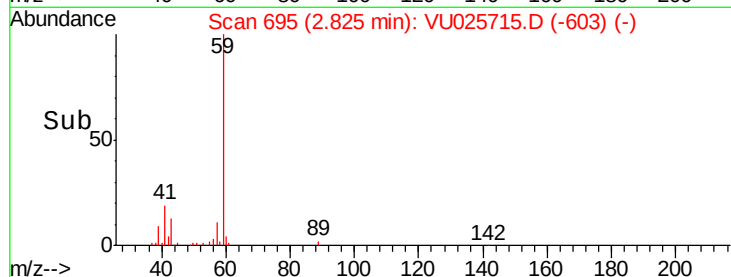
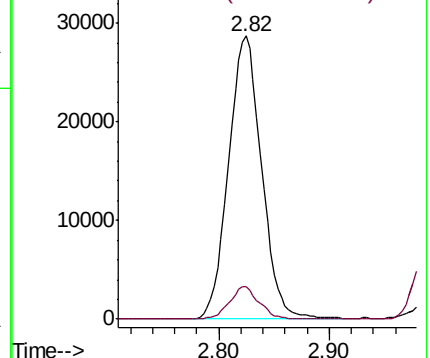
59 100

57 10.3 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#12

1,1-Dichloroethene

Concen: 18.551 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.01 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

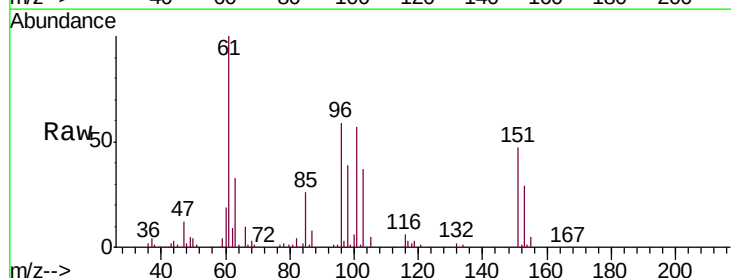
Tgt Ion: 96 Resp: 39900

Ion Ratio Lower Upper

96 100

61 168.7 140.2 210.4

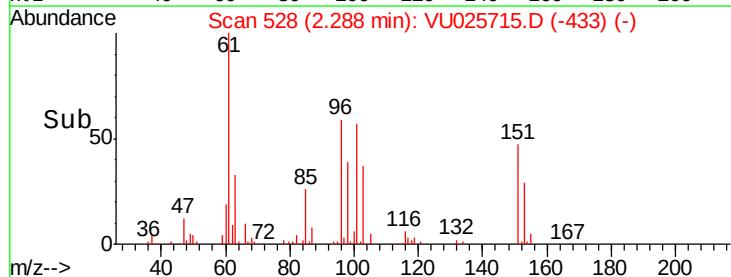
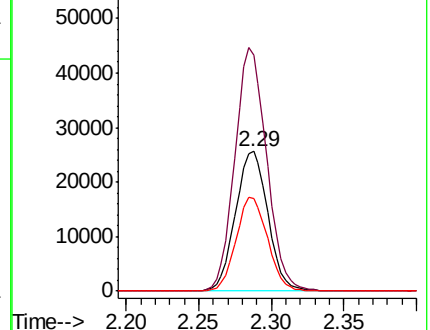
98 66.6 49.3 73.9

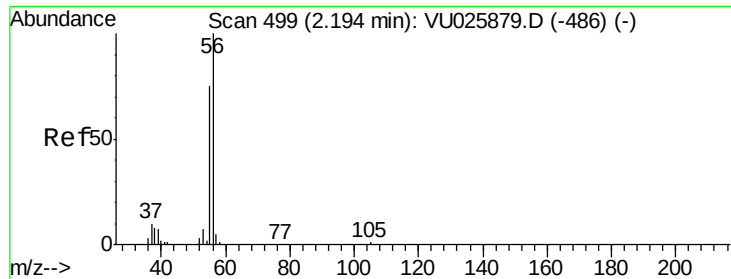


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

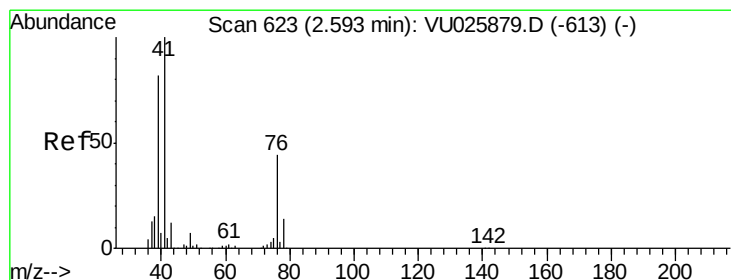
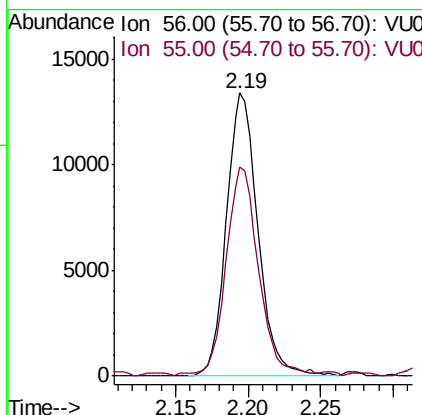
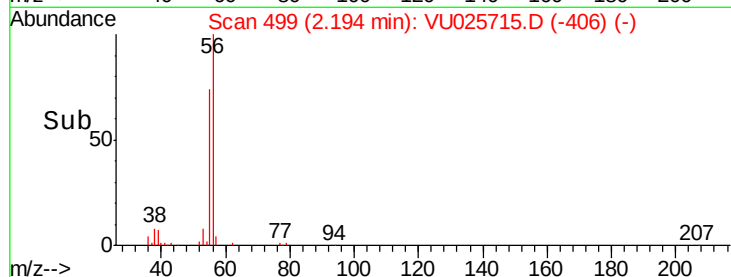
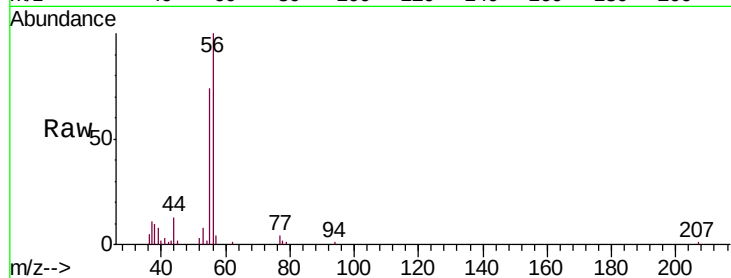




#13
 Acrolein
 Concen: 80.067 ug/l
 RT: 2.19 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

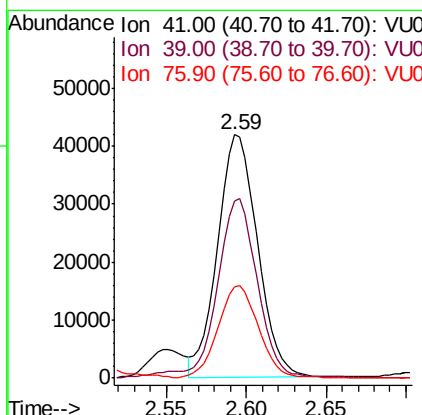
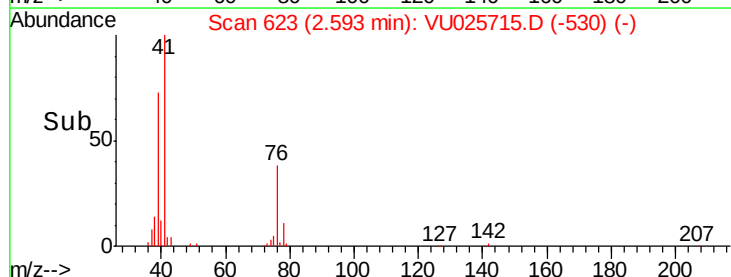
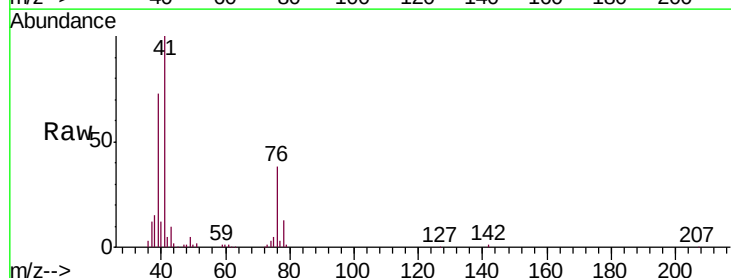
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

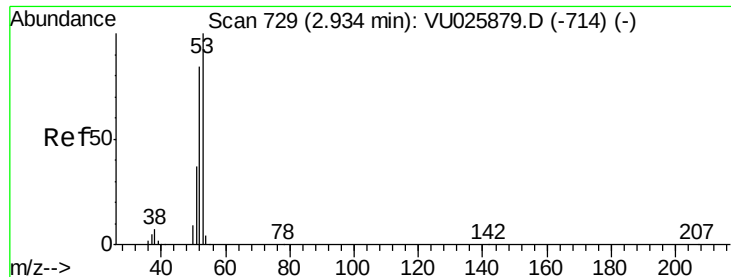
Tgt Ion: 56 Resp: 20156
 Ion Ratio Lower Upper
 56 100
 55 76.9 57.2 85.8



#14
 Allyl chloride
 Concen: 18.619 ug/l
 RT: 2.59 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

Tgt Ion: 41 Resp: 71965
 Ion Ratio Lower Upper
 41 100
 39 71.1 60.6 91.0
 76 38.6 30.5 45.7





#15

Acrylonitrile

Concen: 91.647 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBS01

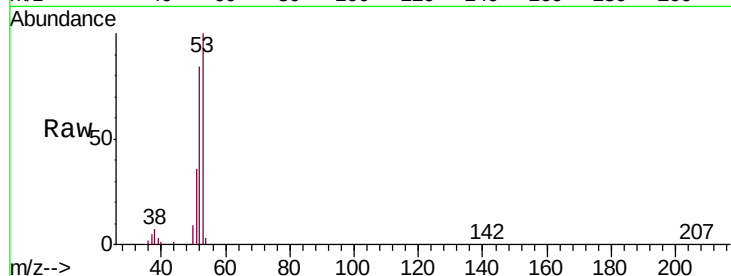
Tgt Ion: 53 Resp: 125036

Ion Ratio Lower Upper

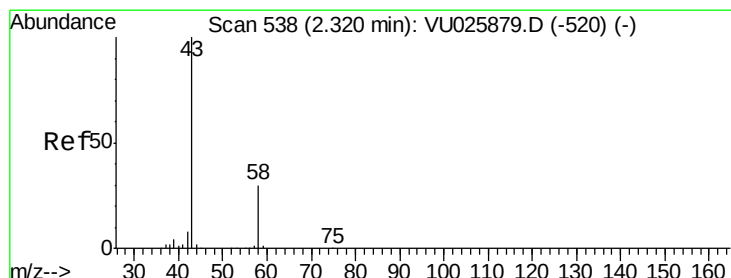
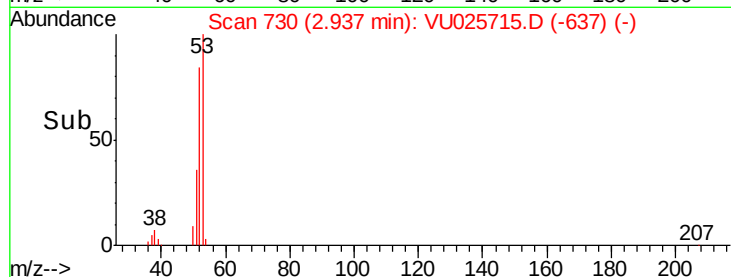
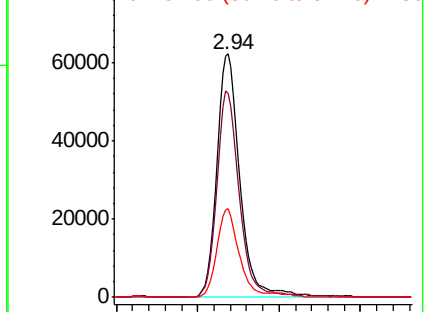
53 100

52 82.0 66.6 99.8

51 34.6 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 90.385 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025715.D

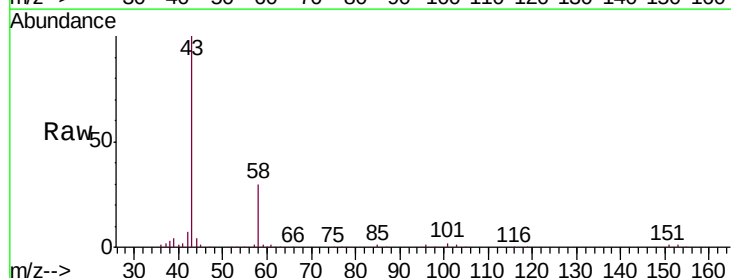
Acq: 30 Jul 2018 11:34

Tgt Ion: 43 Resp: 137536

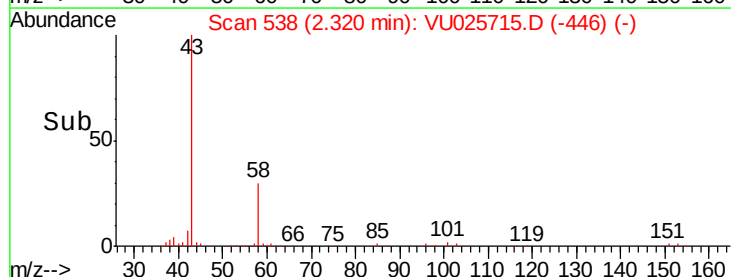
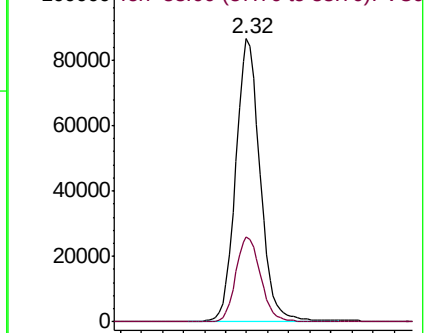
Ion Ratio Lower Upper

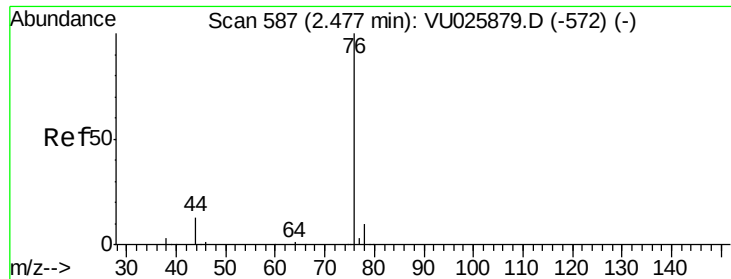
43 100

58 30.1 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 18.895 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

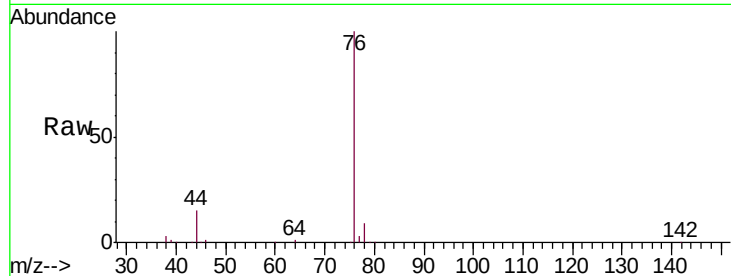
VU0730WBS01

Tgt Ion: 76 Resp: 131527

Ion Ratio Lower Upper

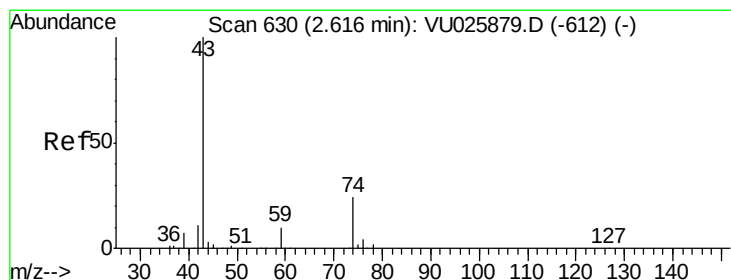
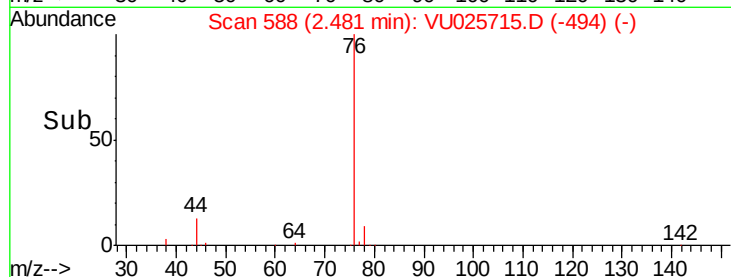
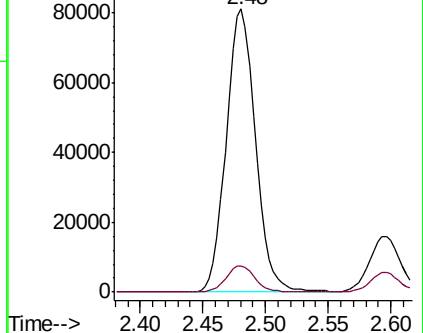
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 20.093 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025715.D

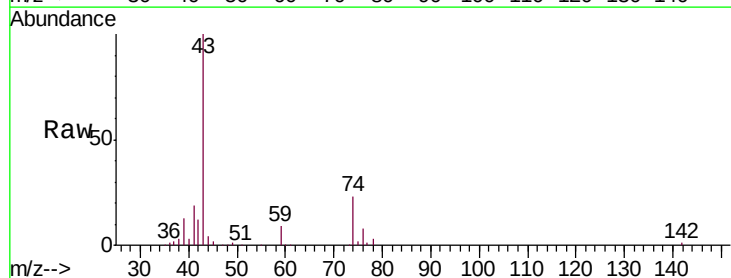
Acq: 30 Jul 2018 11:34

Tgt Ion: 43 Resp: 73588

Ion Ratio Lower Upper

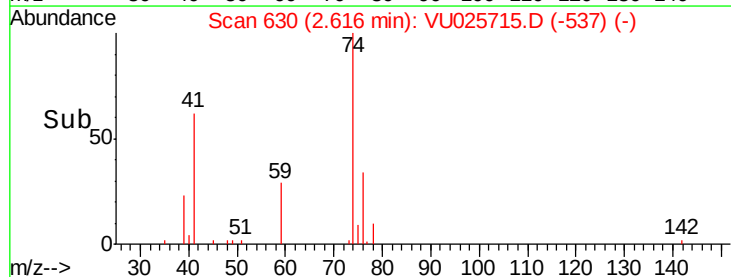
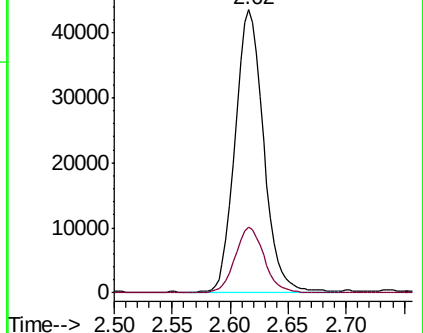
43 100

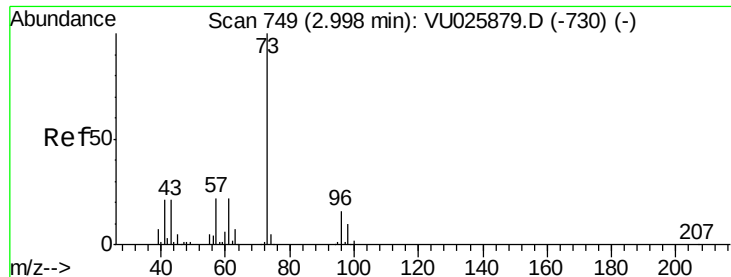
74 23.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

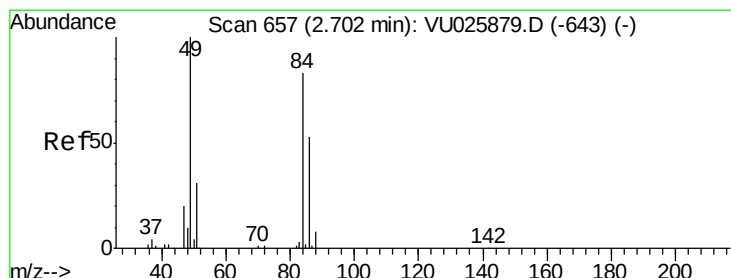
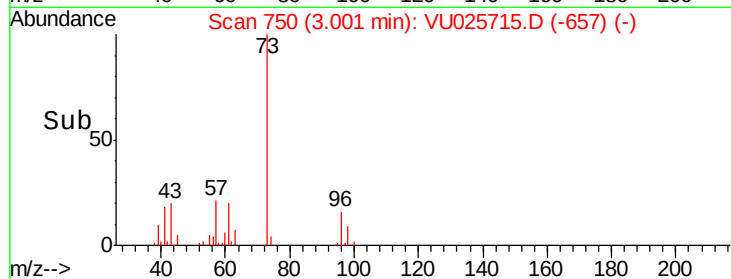
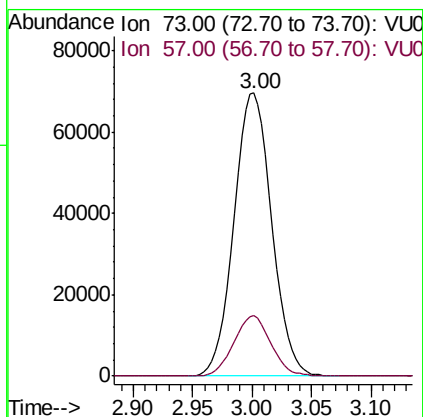
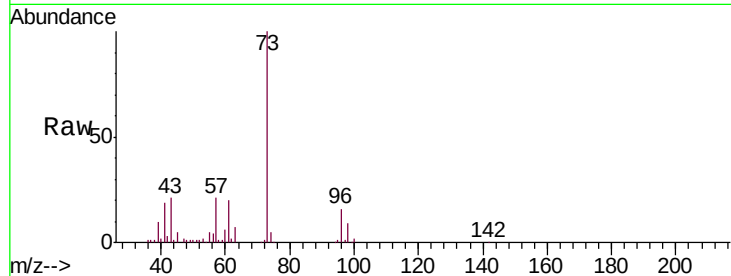




#19
Methyl tert-butyl Ether
Concen: 19.609 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025715.D
Acq: 30 Jul 2018 11:34

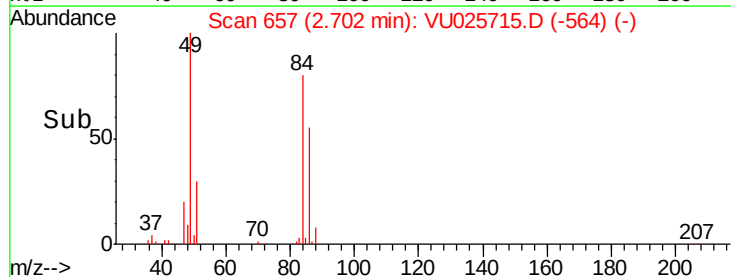
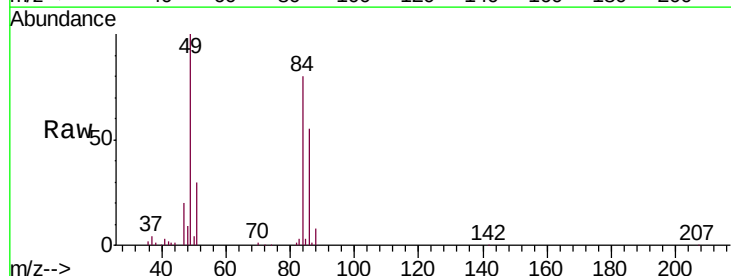
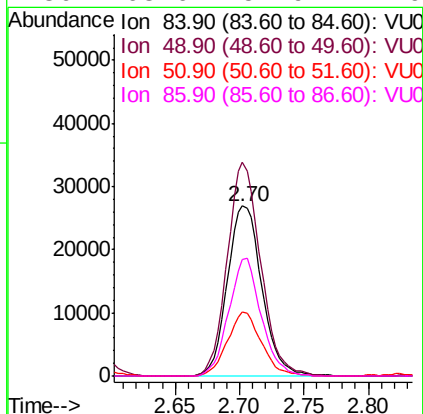
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

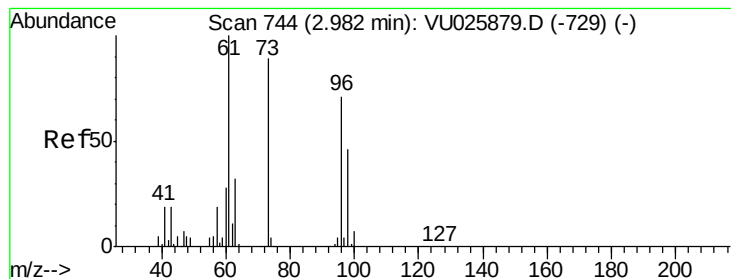
Tgt Ion: 73 Resp: 152836
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.2



#20
Methylene Chloride
Concen: 18.532 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025715.D
Acq: 30 Jul 2018 11:34

Tgt Ion: 84 Resp: 49976
Ion Ratio Lower Upper
84 100
49 125.6 101.8 152.6
51 37.3 30.8 46.2
86 68.6 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 19.236 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBS01

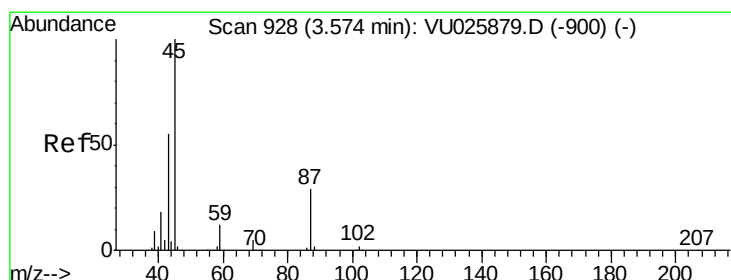
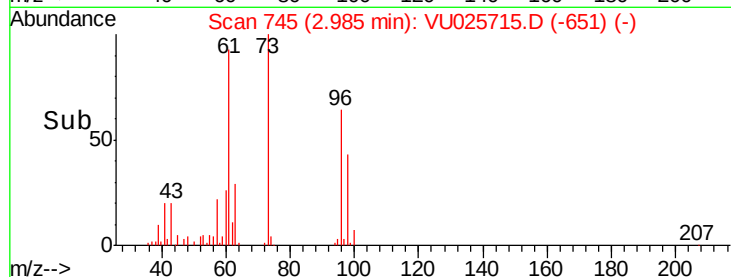
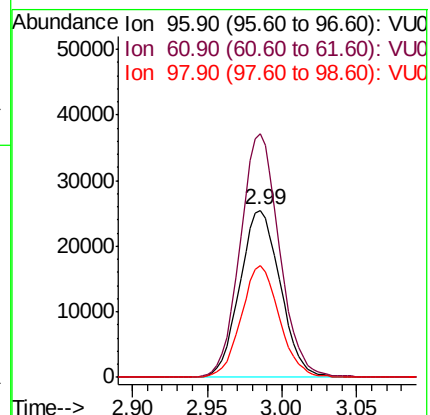
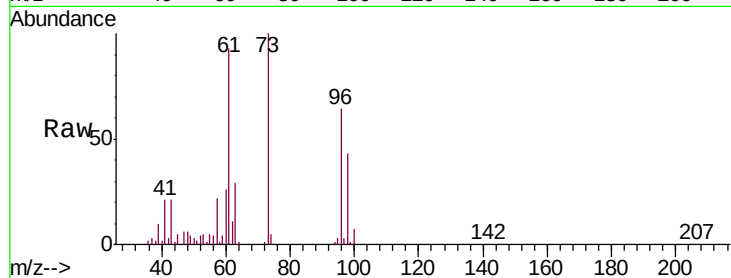
Tgt Ion: 96 Resp: 47827

Ion Ratio Lower Upper

96 100

61 145.9 114.5 171.7

98 67.0 50.5 75.7



#22

Diisopropyl ether

Concen: 19.537 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Tgt Ion: 45 Resp: 148801

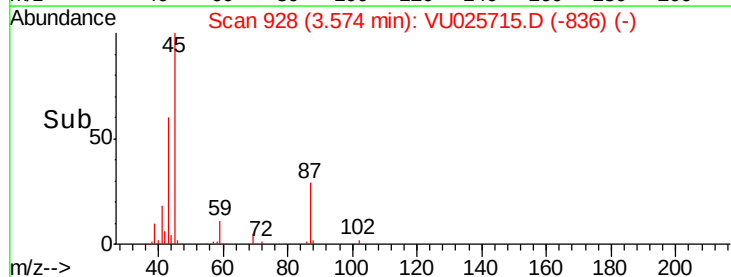
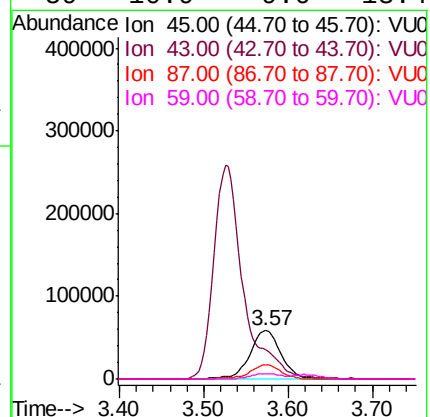
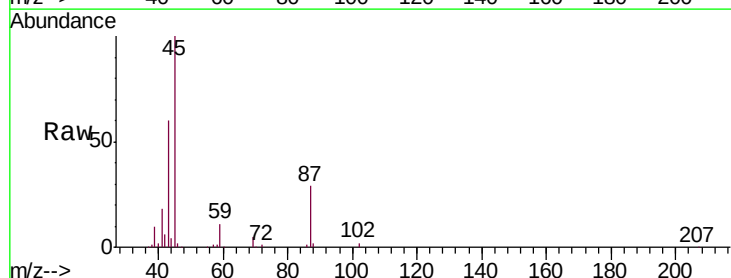
Ion Ratio Lower Upper

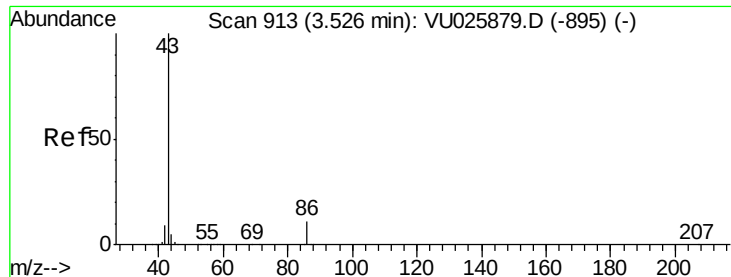
45 100

43 58.9 50.9 76.3

87 28.8 23.8 35.8

59 10.9 9.0 13.4





#23

Vinyl Acetate

Concen: 95.072 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

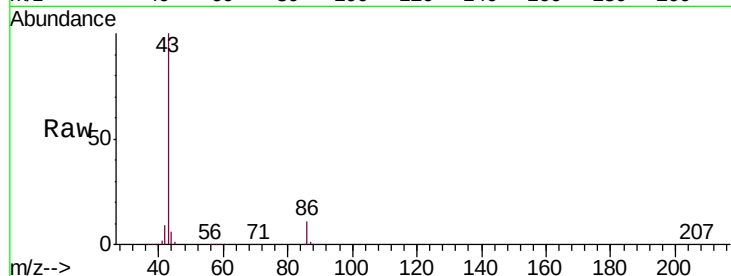
VU0730WBS01

Tgt Ion: 43 Resp: 631061

Ion Ratio Lower Upper

43 100

86 10.9 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.53

250000

200000

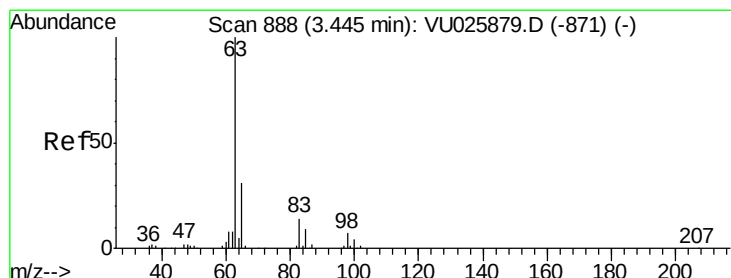
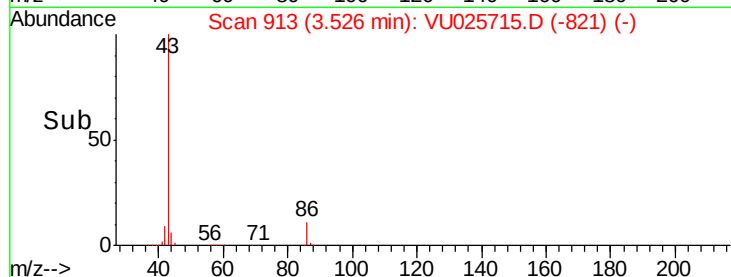
150000

100000

50000

0

Time--> 3.40 3.50 3.60 3.70



#24

1,1-Dichloroethane

Concen: 19.461 ug/l

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

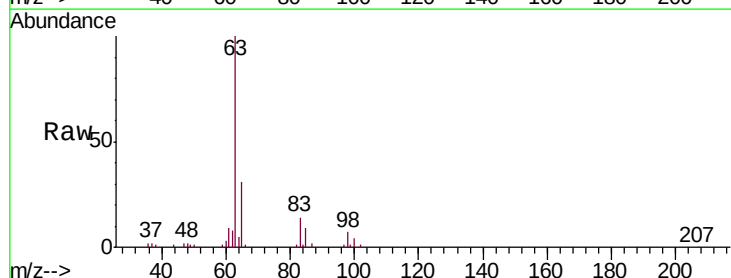
Tgt Ion: 63 Resp: 88976

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

100 4.2 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

40000

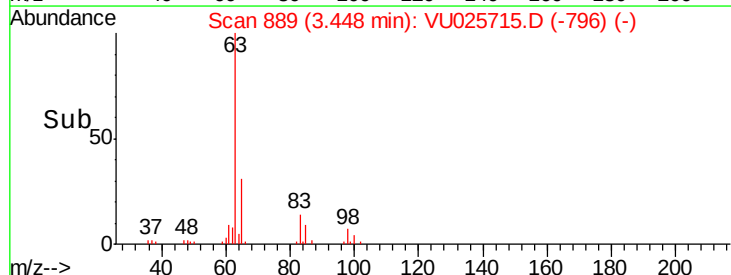
30000

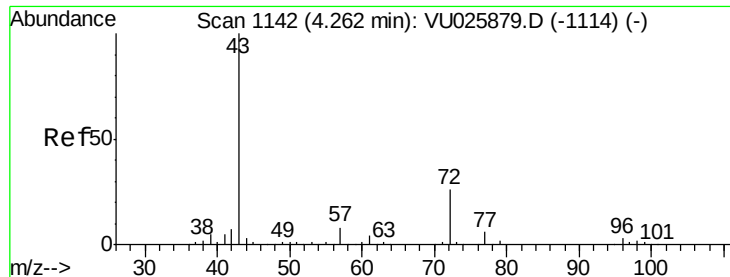
20000

10000

0

Time--> 3.35 3.40 3.45 3.50 3.55





#25

2-Butanone

Concen: 91.878 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

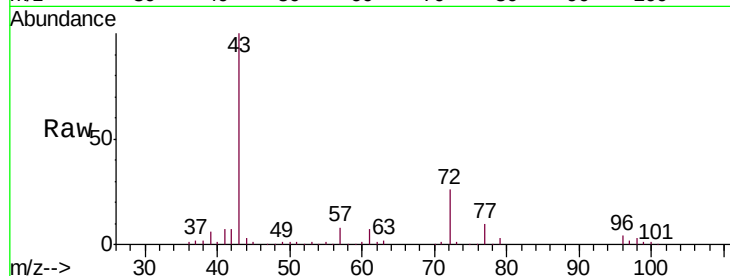
VU0730WBS01

Tgt Ion: 43 Resp: 190317

Ion Ratio Lower Upper

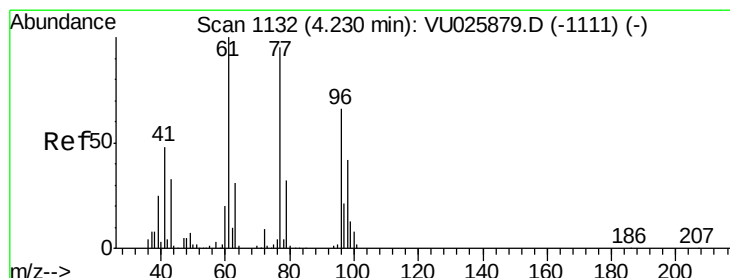
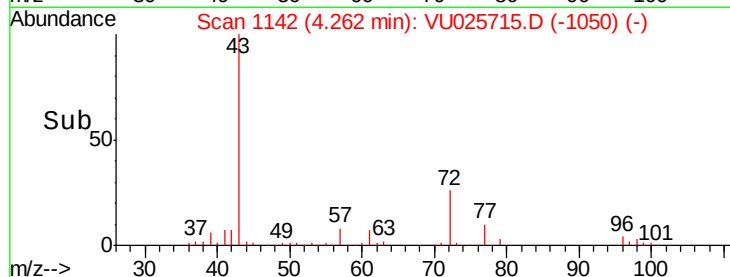
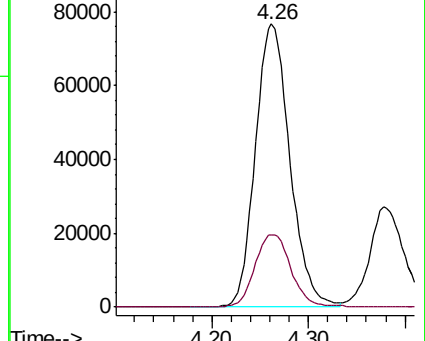
43 100

72 25.7 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 20.586 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025715.D

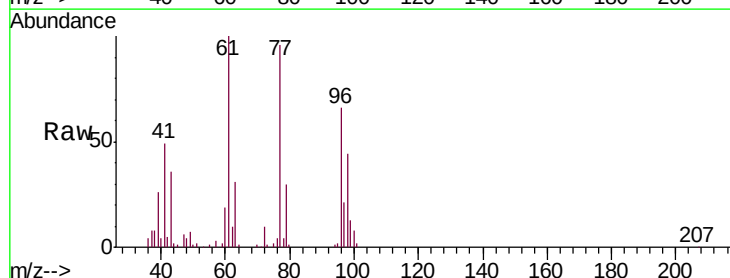
Acq: 30 Jul 2018 11:34

Tgt Ion: 77 Resp: 85549

Ion Ratio Lower Upper

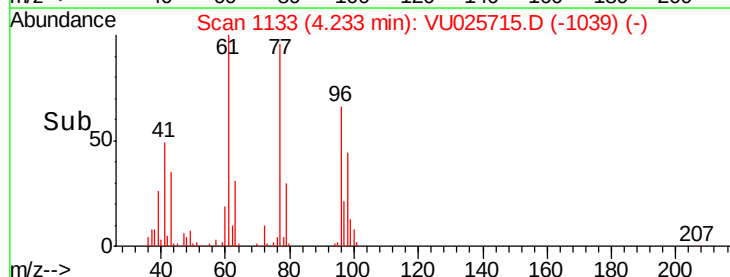
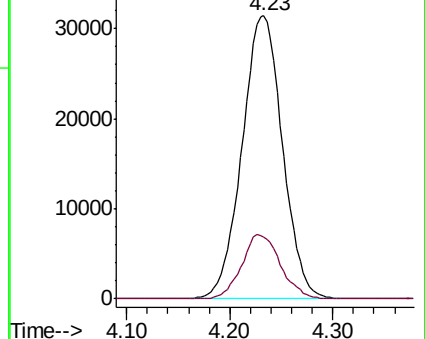
77 100

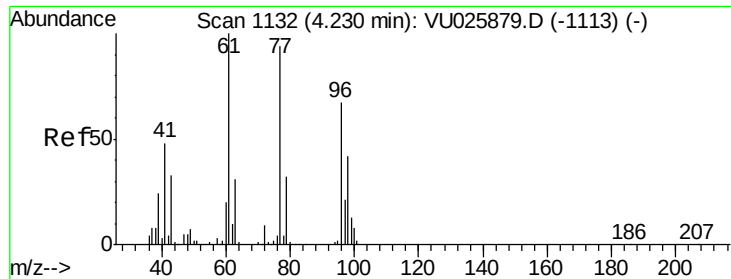
97 21.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0





#27

cis-1,2-Dichloroethene

Concen: 19.427 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

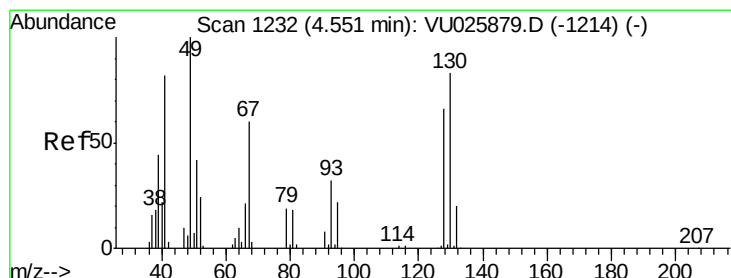
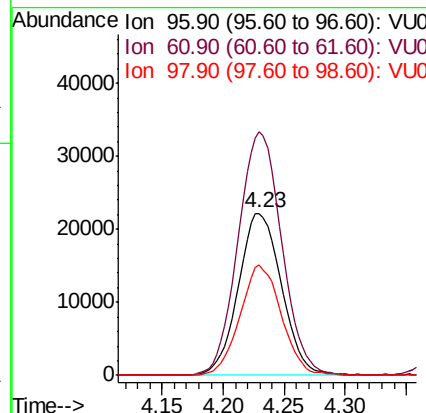
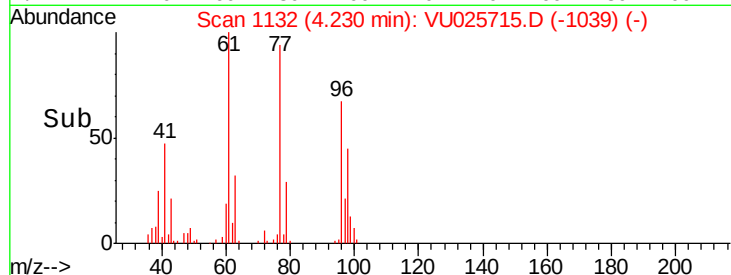
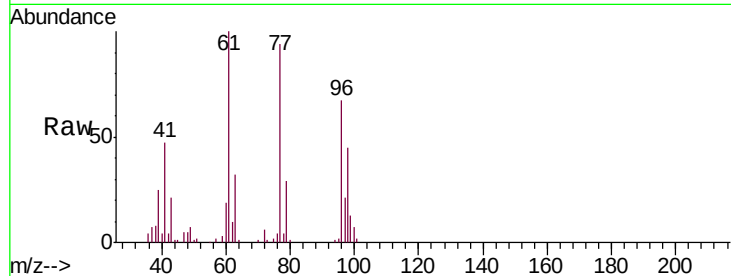
Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

Tgt Ion: 96 Resp: 54455

Ion	Ratio	Lower	Upper
96	100		
61	151.7	0.0	299.8
98	65.1	0.0	128.6



#28

Bromochloromethane

Concen: 20.205 ug/l

RT: 4.55 min Scan# 1231

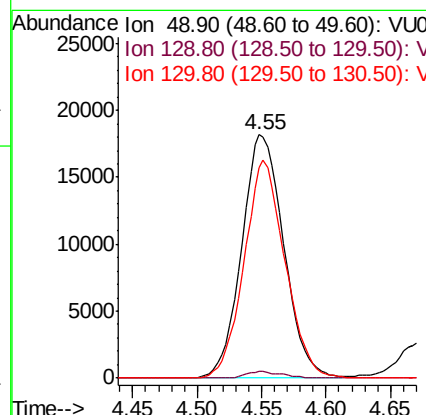
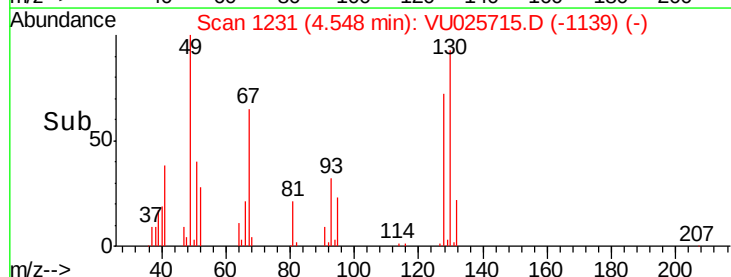
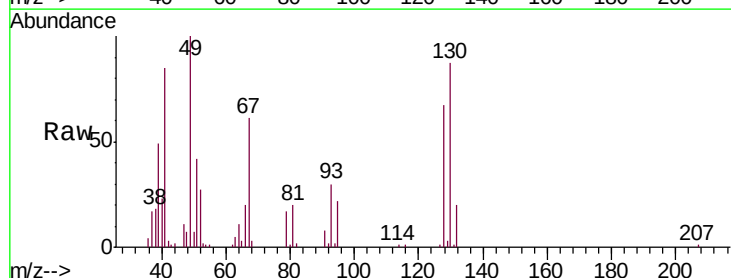
Delta R.T. -0.00 min

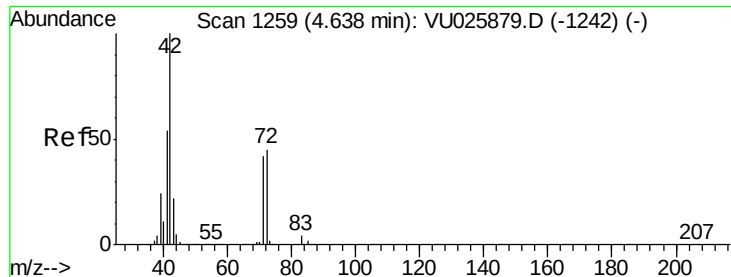
Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Tgt Ion: 49 Resp: 41303

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	87.0	68.6	102.8

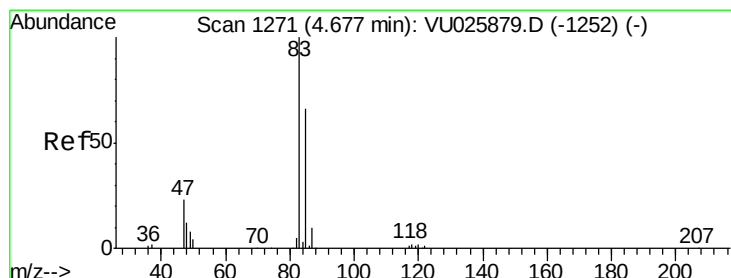
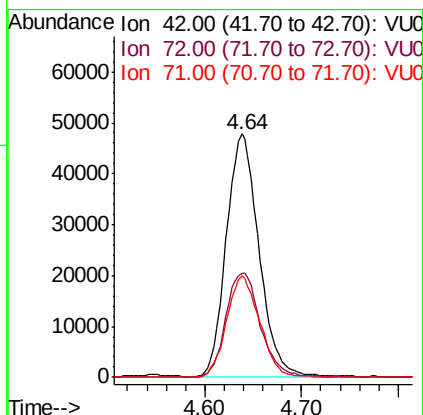
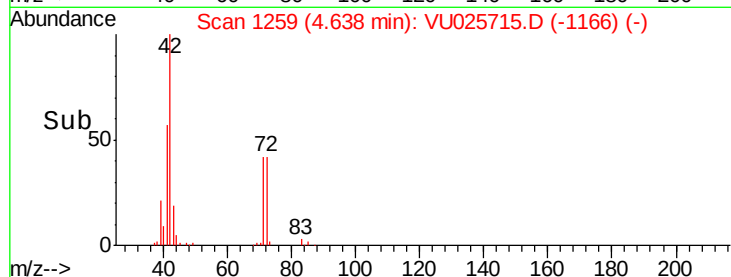
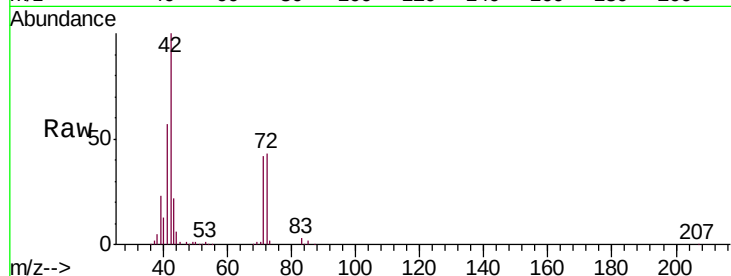




#29
Tetrahydrofuran
Concen: 90.815 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU025715.D
Acq: 30 Jul 2018 11:34

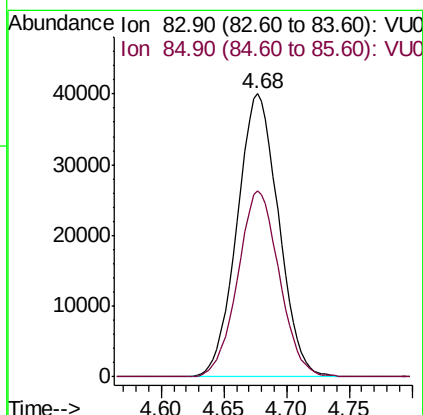
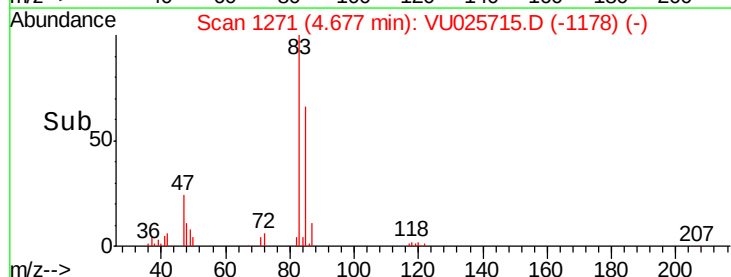
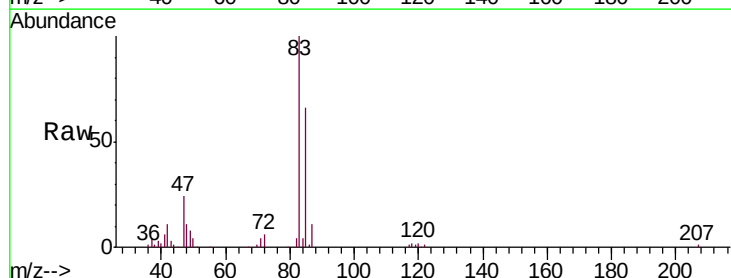
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

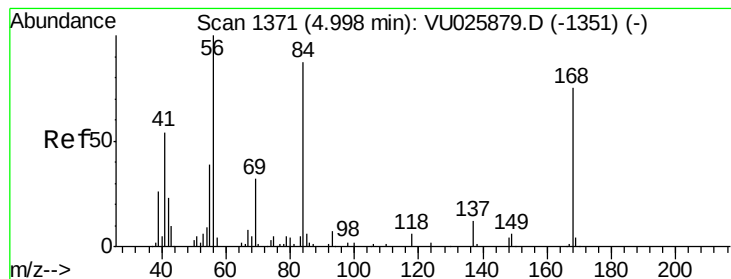
Tgt Ion: 42 Resp: 112701
Ion Ratio Lower Upper
42 100
72 45.4 36.7 55.1
71 42.1 33.9 50.9



#30
Chloroform
Concen: 19.083 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU025715.D
Acq: 30 Jul 2018 11:34

Tgt Ion: 83 Resp: 92097
Ion Ratio Lower Upper
83 100
85 65.9 51.5 77.3





#31

Cyclohexane

Concen: 19.356 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBS01

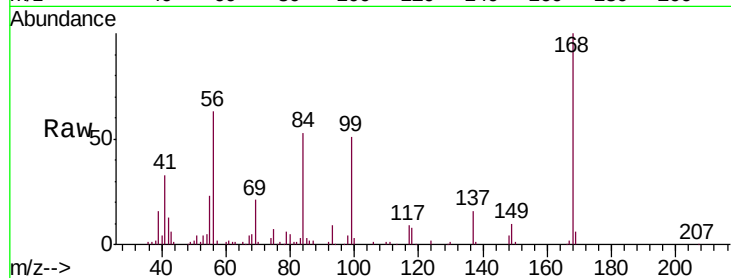
Tgt Ion: 56 Resp: 80280

Ion Ratio Lower Upper

56 100

69 33.0 26.8 40.2

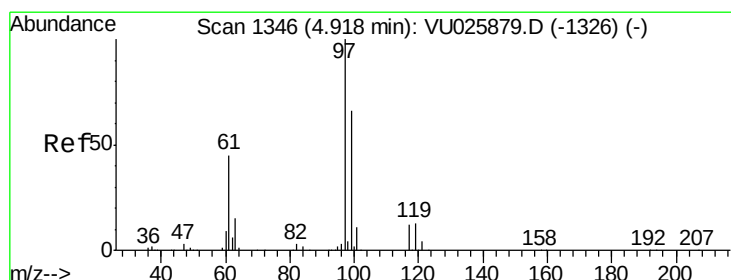
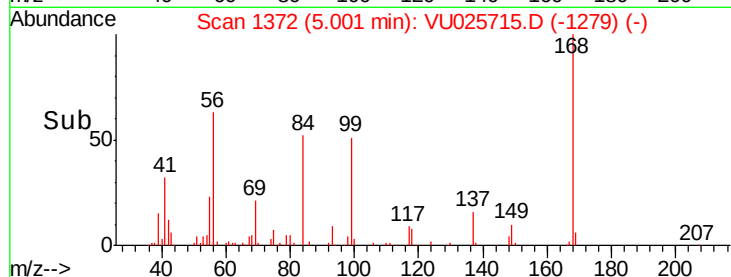
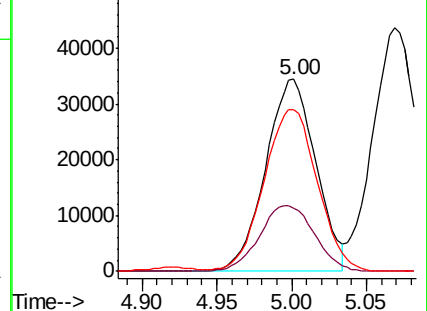
84 83.0 69.7 104.5



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: 19.762 ug/l

RT: 4.92 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

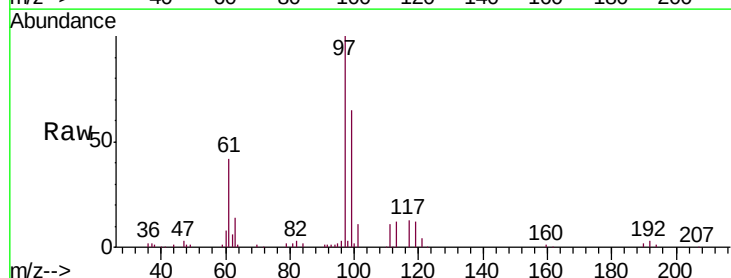
Tgt Ion: 97 Resp: 85864

Ion Ratio Lower Upper

97 100

99 63.6 50.8 76.2

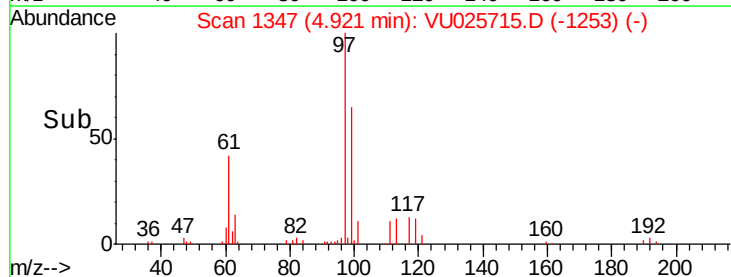
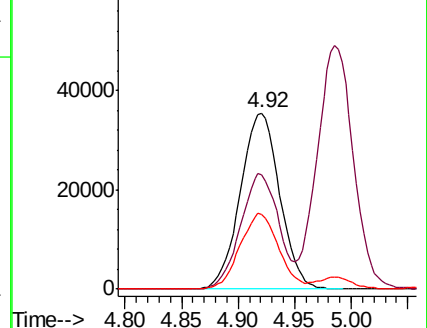
61 42.3 35.2 52.8

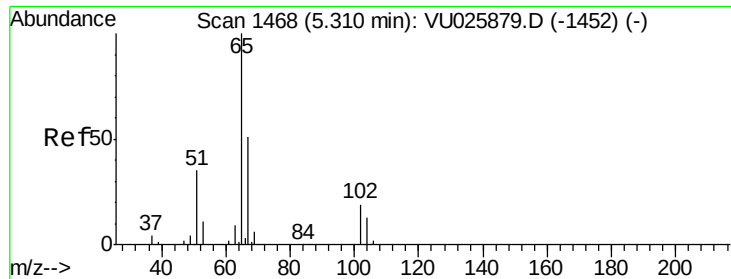


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

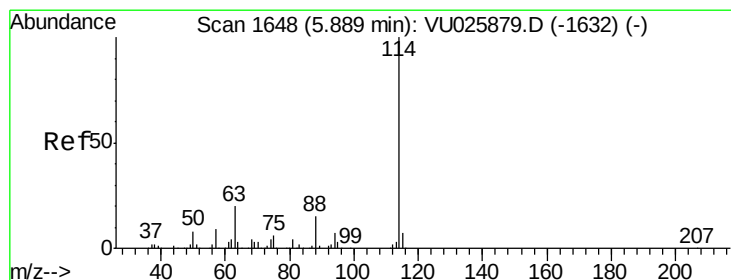
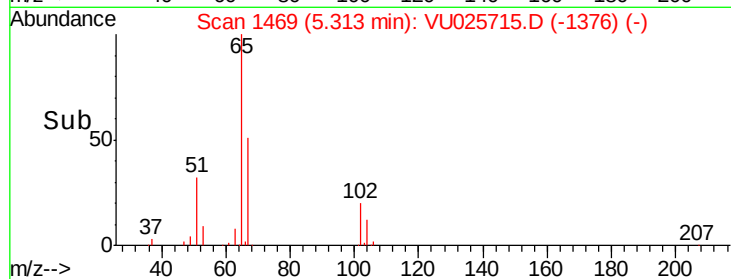
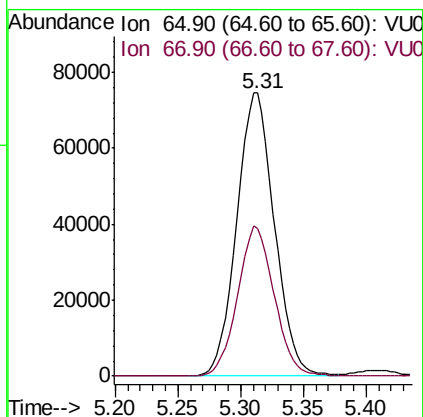
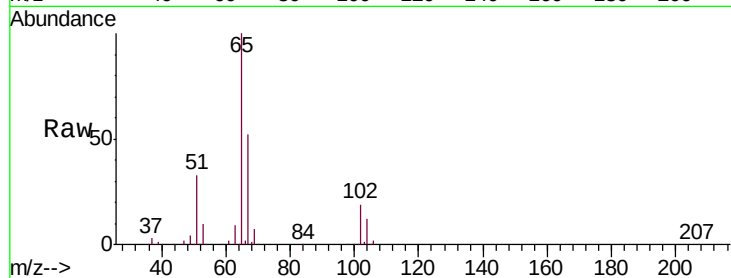




#33
 1,2-Dichloroethane-d4
 Concen: 49.923 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

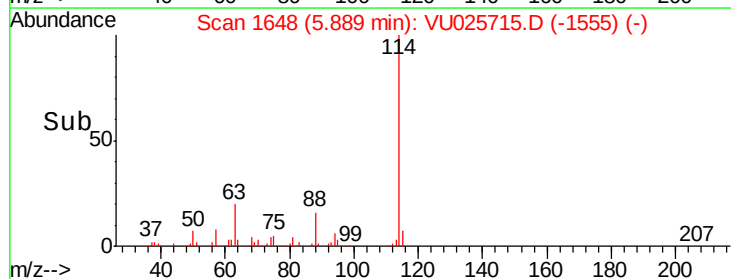
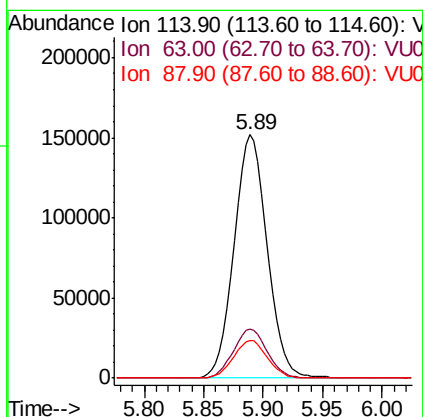
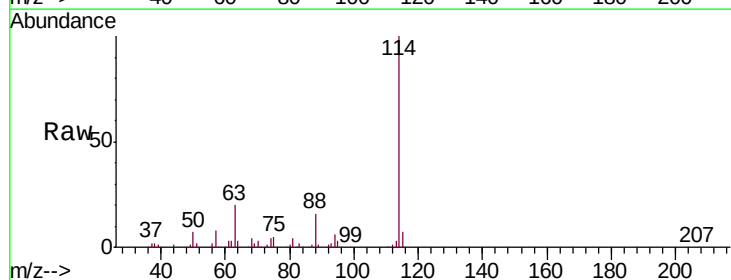
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

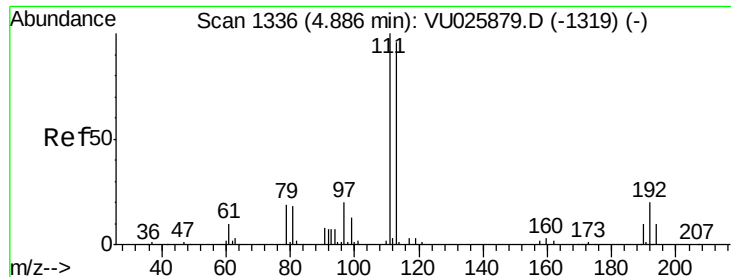
Tgt Ion: 65 Resp: 155814
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

Tgt Ion: 114 Resp: 292874
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.6
 88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.310 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBS01

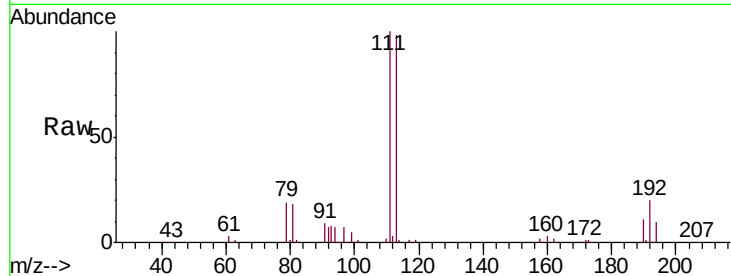
Tgt Ion:113 Resp: 128153

Ion Ratio Lower Upper

113 100

111 102.4 81.7 122.5

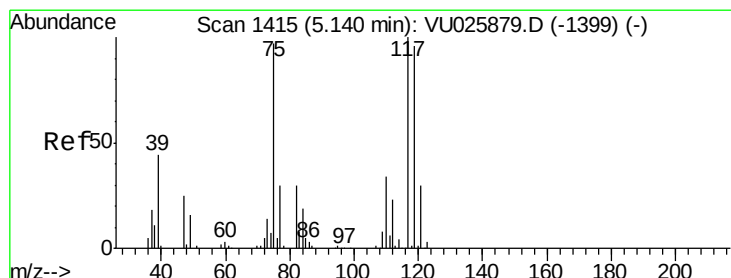
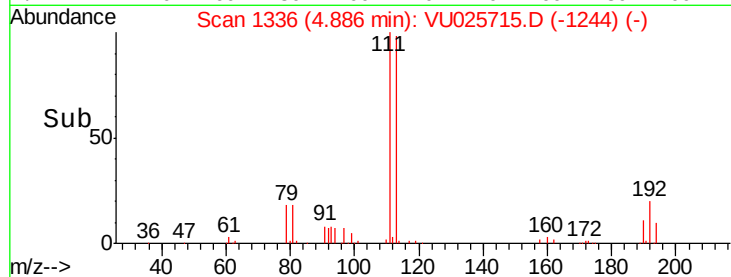
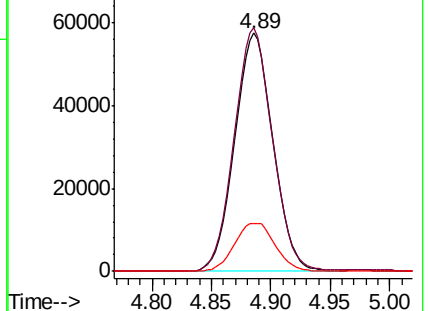
192 21.4 17.1 25.7



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: 20.923 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

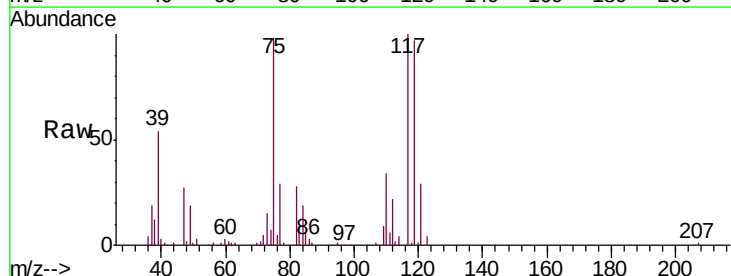
Tgt Ion: 75 Resp: 71613

Ion Ratio Lower Upper

75 100

110 34.9 17.6 52.9

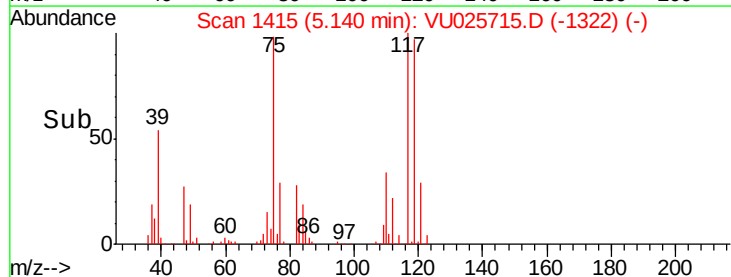
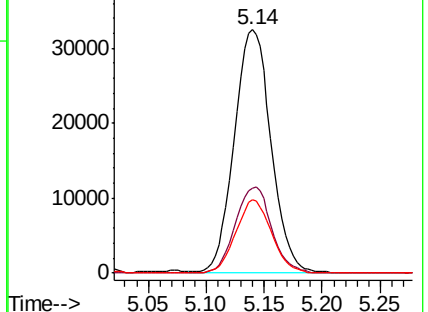
77 29.2 24.4 36.6

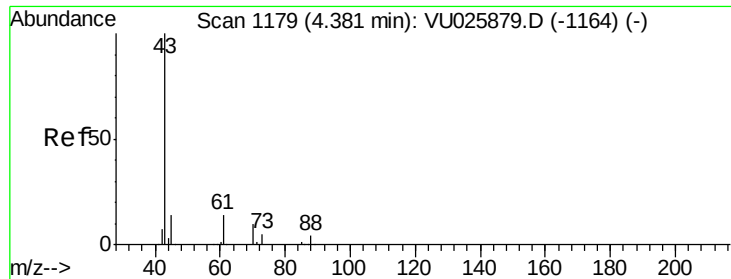


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

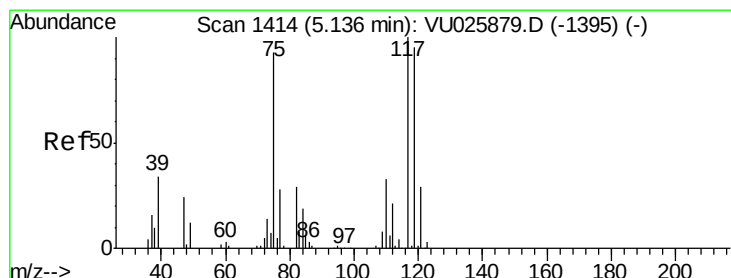
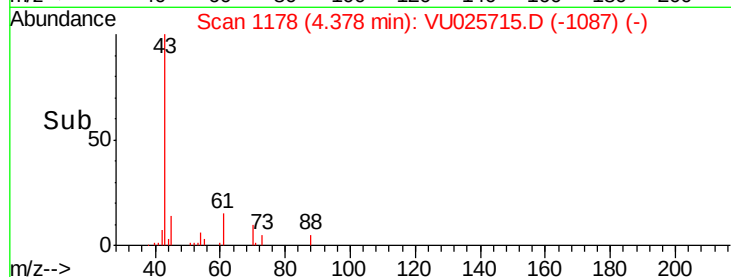
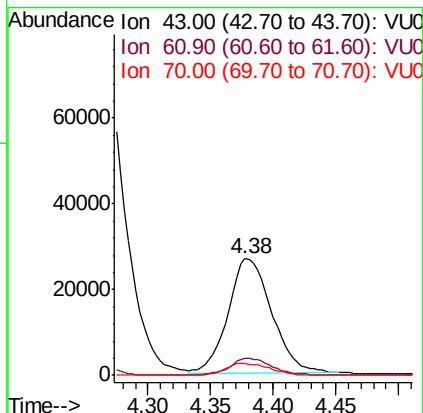
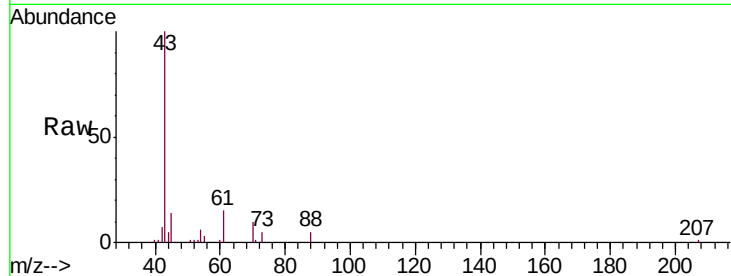




#37
 Ethyl Acetate
 Concen: 18.298 ug/l
 RT: 4.38 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

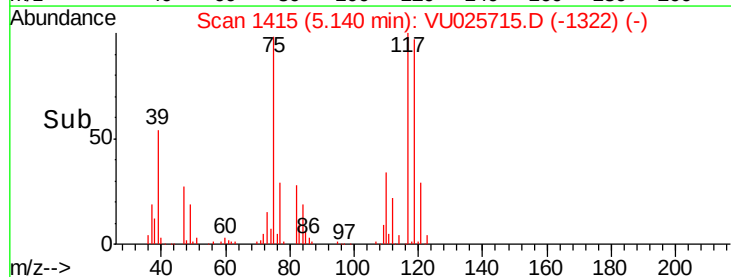
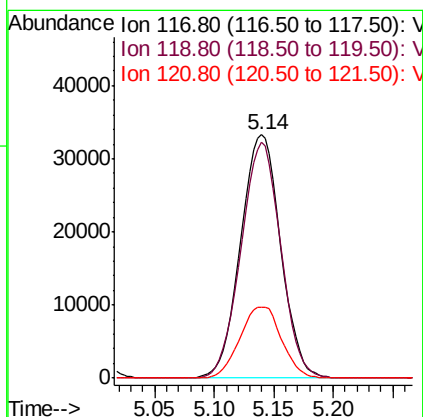
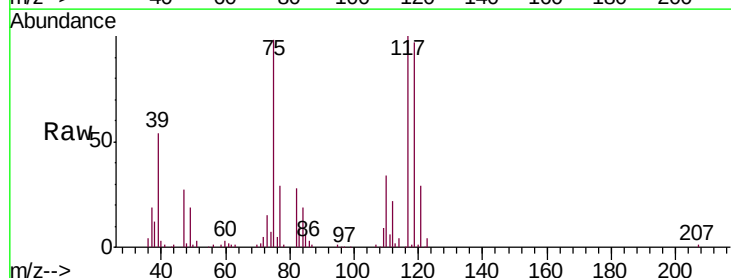
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

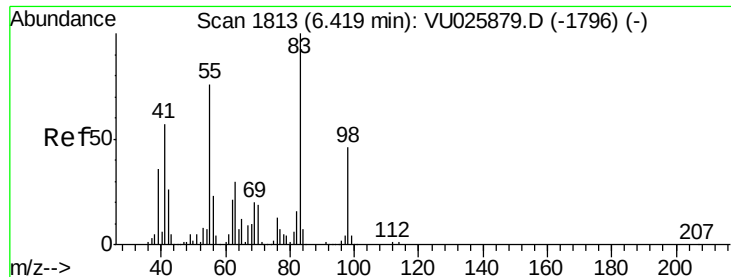
Tgt Ion: 43 Resp: 64938
 Ion Ratio Lower Upper
 43 100
 61 14.3 10.7 16.1
 70 10.4 8.4 12.6



#38
 Carbon Tetrachloride
 Concen: 20.025 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

Tgt Ion: 117 Resp: 77632
 Ion Ratio Lower Upper
 117 100
 119 97.0 75.7 113.5
 121 29.2 24.6 36.8

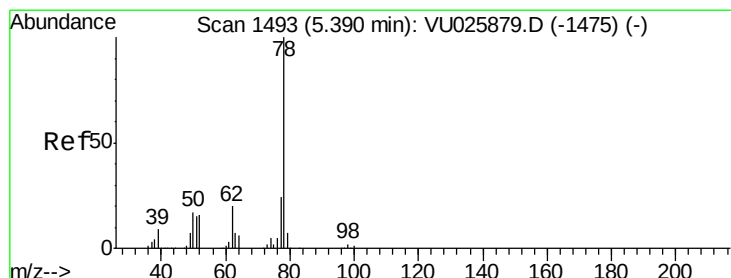
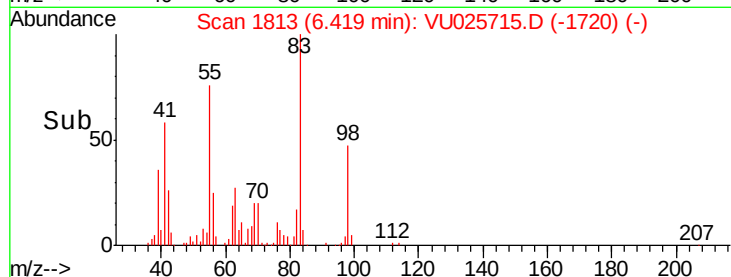
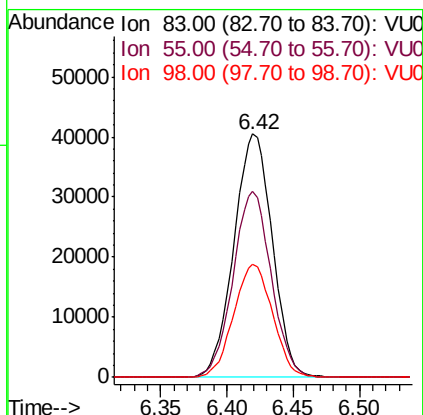
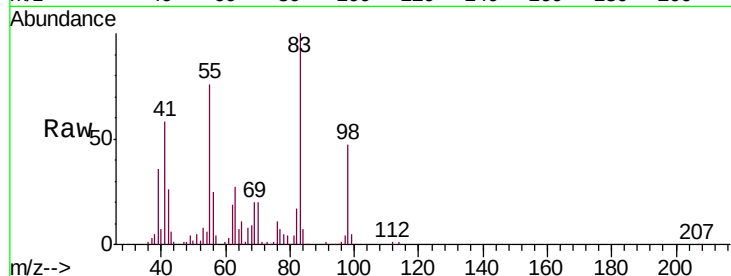




#39
Methylcyclohexane
Concen: 20.790 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025715.D
Acq: 30 Jul 2018 11:34

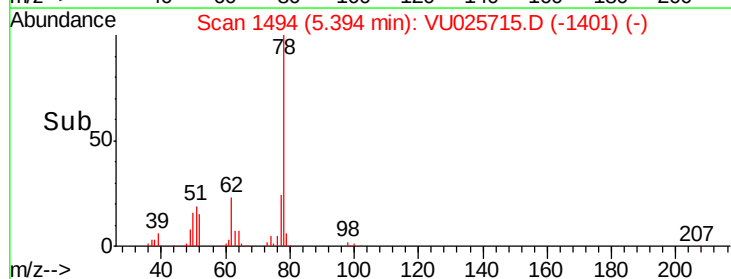
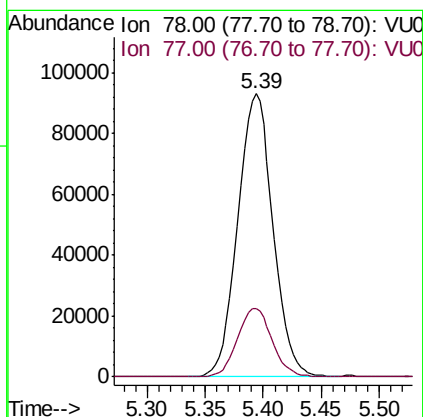
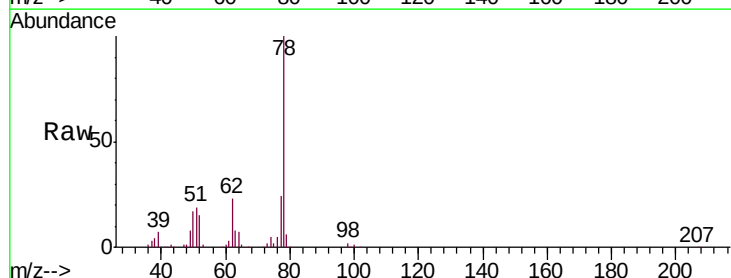
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

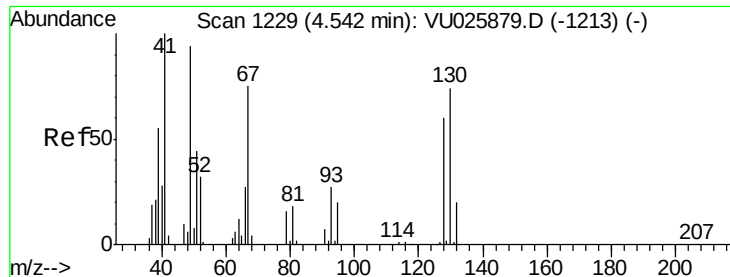
Tgt Ion: 83 Resp: 81531
Ion Ratio Lower Upper
83 100
55 76.4 60.0 90.0
98 46.6 36.1 54.1



#40
Benzene
Concen: 19.619 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025715.D
Acq: 30 Jul 2018 11:34

Tgt Ion: 78 Resp: 196285
Ion Ratio Lower Upper
78 100
77 24.3 19.8 29.6

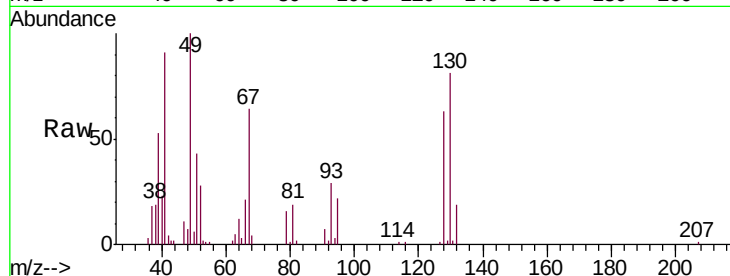




#41
Methacrylonitrile
Concen: 19.127 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025715.D
Acq: 30 Jul 2018 11:34

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

Tgt Ion:	41	Resp:	37704
Ion	Ratio	Lower	Upper
41	100		
39	56.7	44.4	66.6
67	69.4	56.0	84.0
52	32.4	24.6	36.8



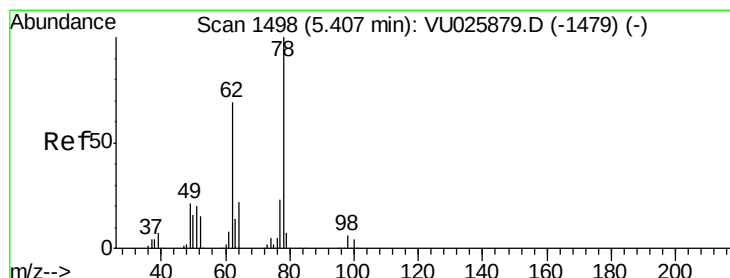
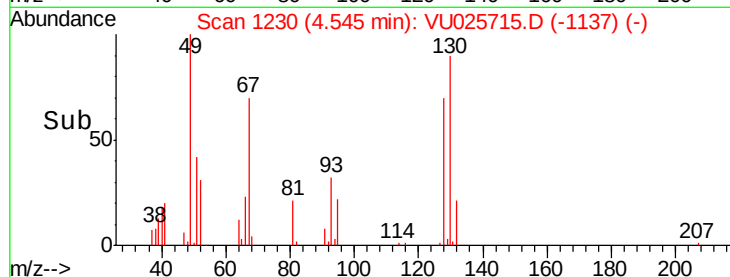
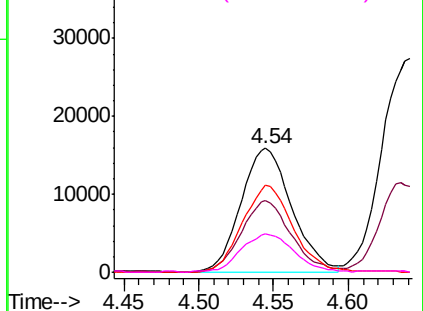
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

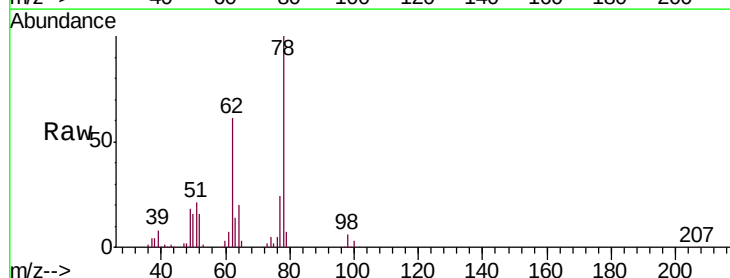
Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42
1,2-Dichloroethane
Concen: 19.526 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025715.D
Acq: 30 Jul 2018 11:34

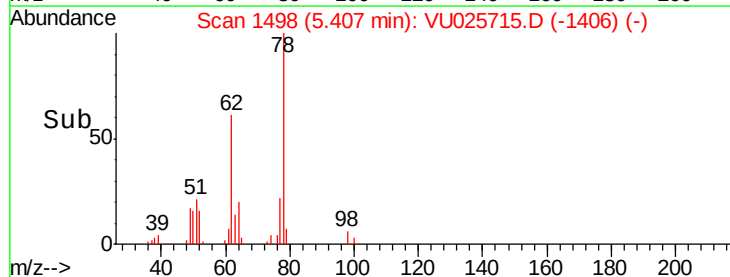
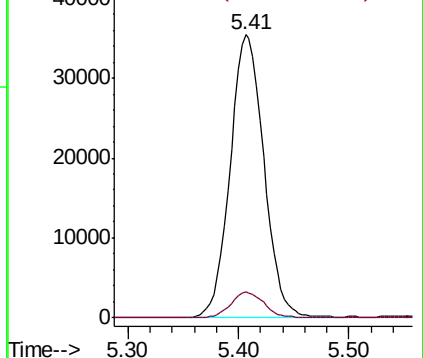
Tgt Ion:	62	Resp:	75222
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.4

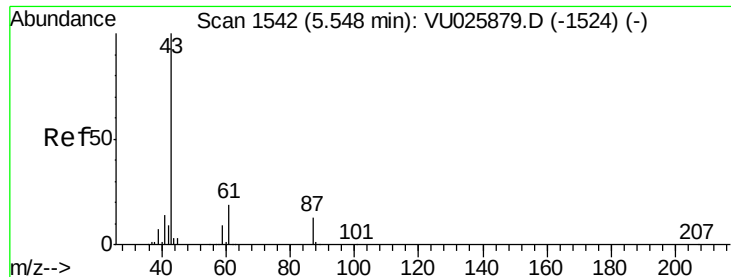


Abundance

Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 18.614 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBS01

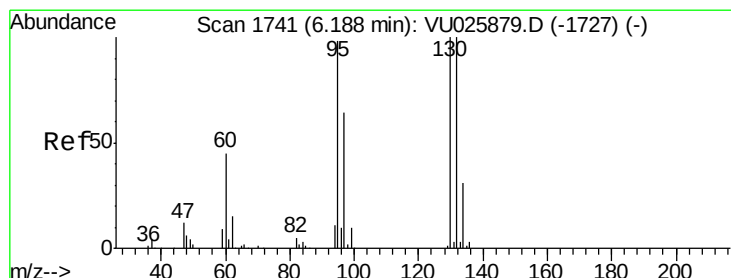
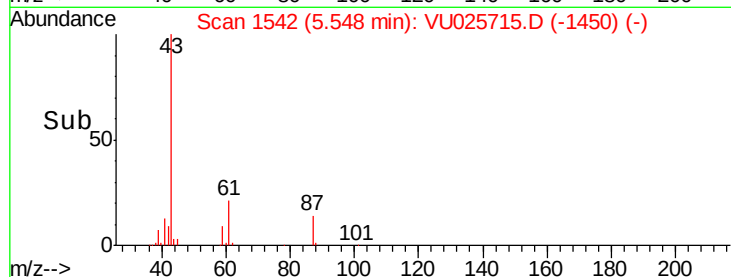
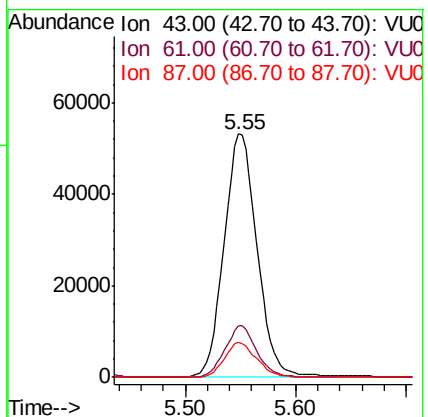
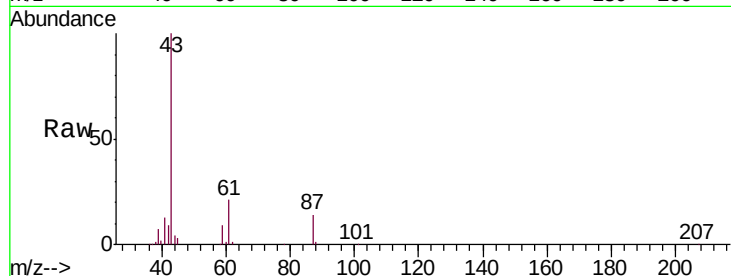
Tgt Ion: 43 Resp: 109165

Ion Ratio Lower Upper

43 100

61 20.7 15.5 23.3

87 14.0 10.6 16.0



#44

Trichloroethene

Concen: 20.093 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025715.D

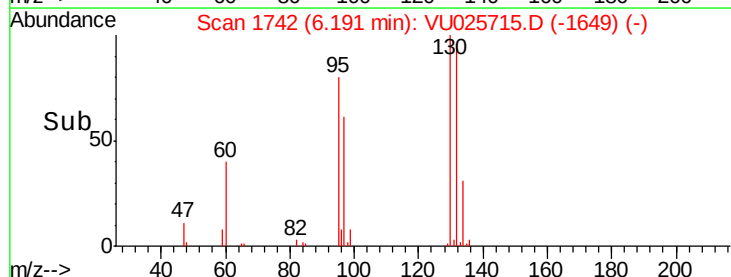
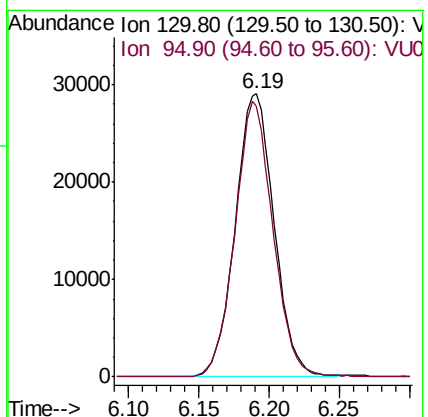
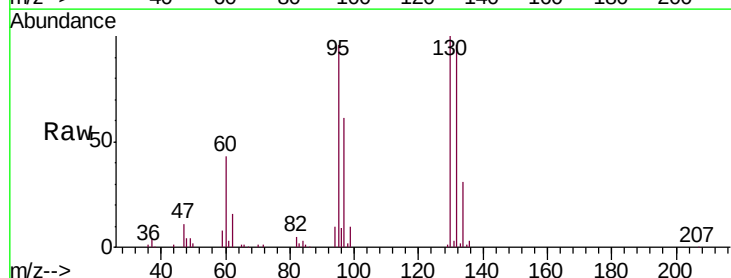
Acq: 30 Jul 2018 11:34

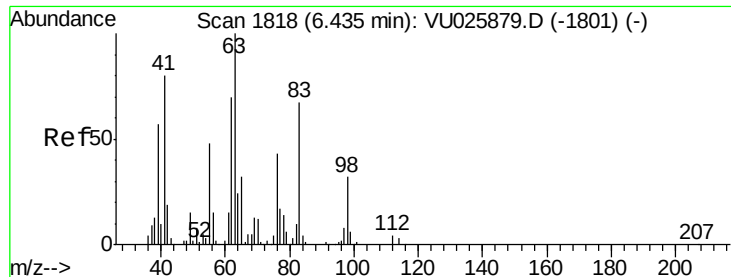
Tgt Ion: 130 Resp: 55982

Ion Ratio Lower Upper

130 100

95 95.7 0.0 192.2

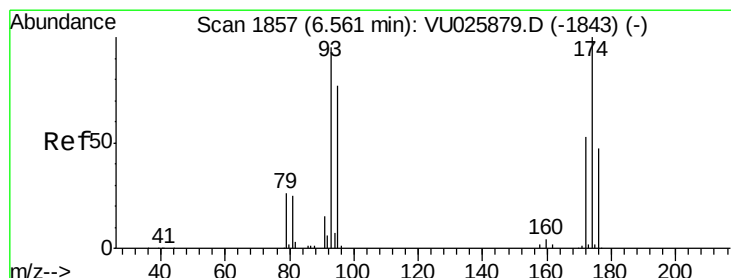
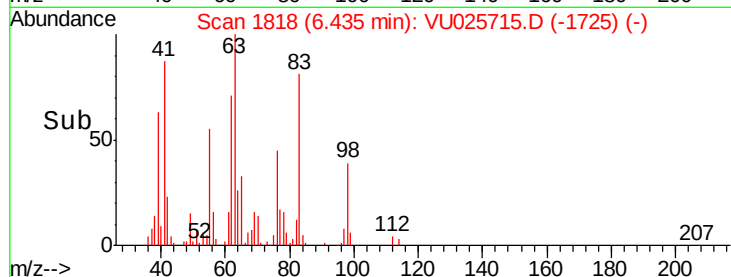
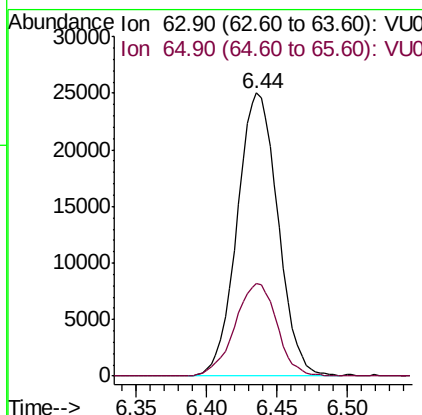
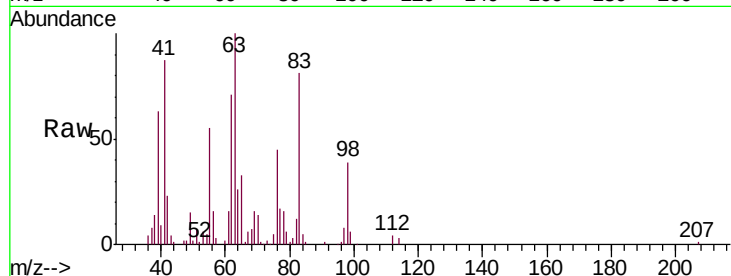




#45
 1,2-Dichloropropane
 Concen: 19.414 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

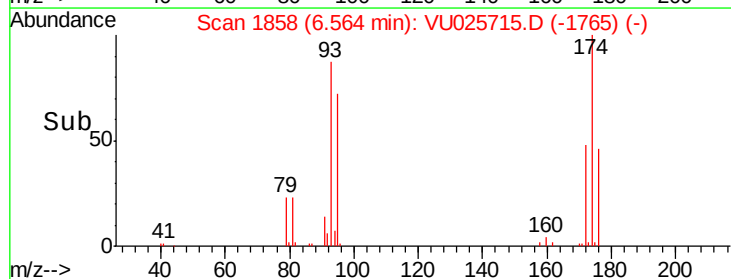
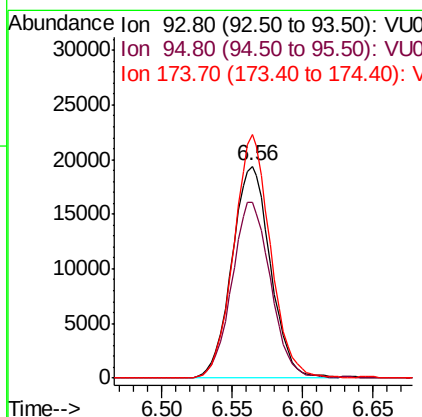
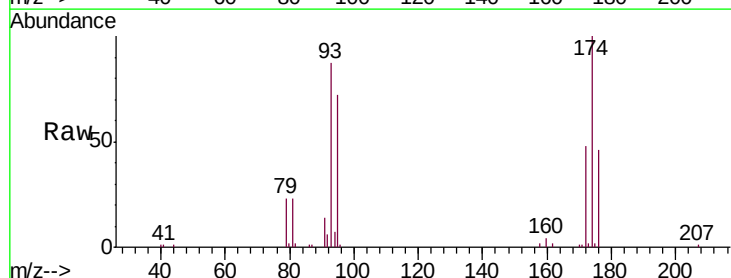
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

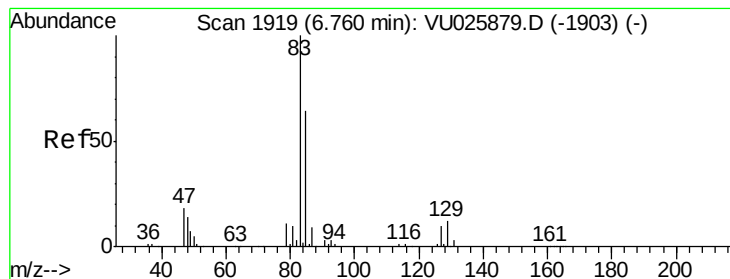
Tgt Ion: 63 Resp: 50656
 Ion Ratio Lower Upper
 63 100
 65 32.8 26.1 39.1



#46
 Dibromomethane
 Concen: 19.615 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

Tgt Ion: 93 Resp: 37084
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.6 100.0
 174 109.5 85.8 128.8





#47

Bromodichloromethane

Concen: 19.951 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBS01

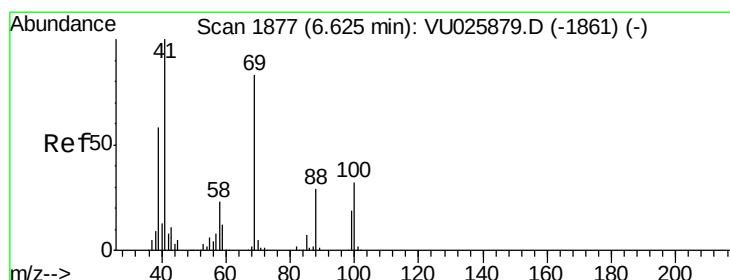
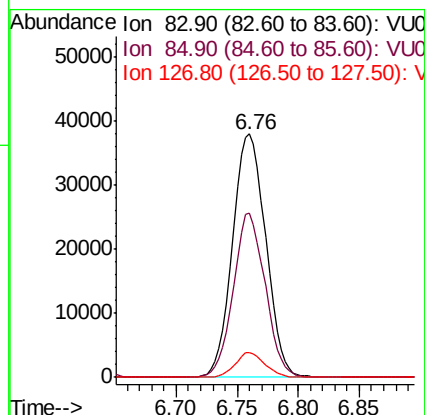
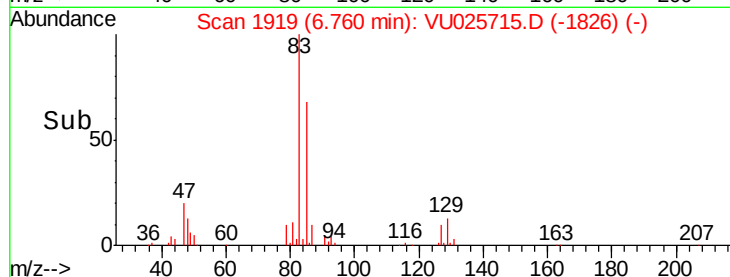
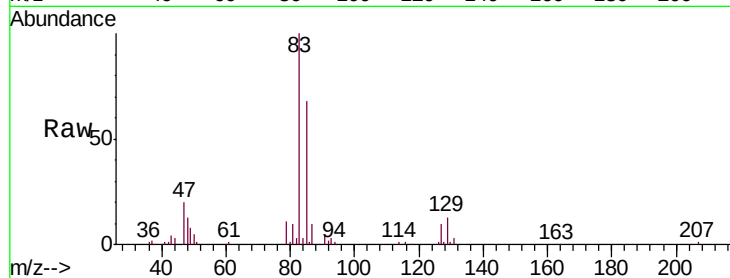
Tgt Ion: 83 Resp: 71950

Ion Ratio Lower Upper

83 100

85 67.7 50.2 75.4

127 10.2 7.2 10.8



#48

Methyl methacrylate

Concen: 19.269 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

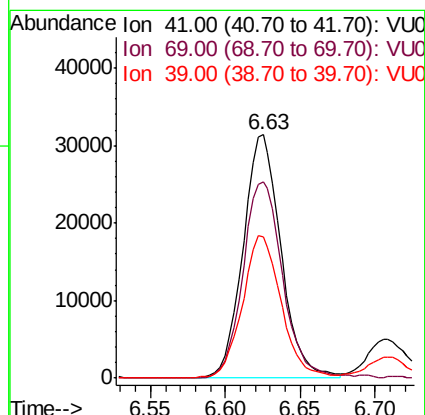
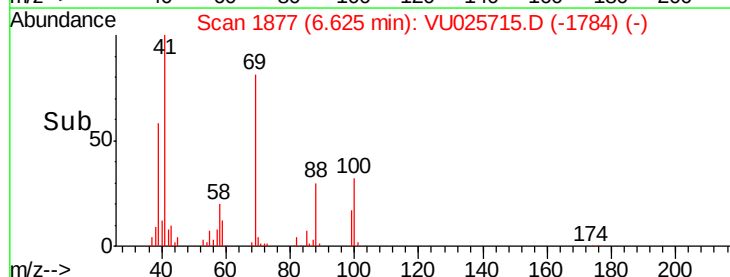
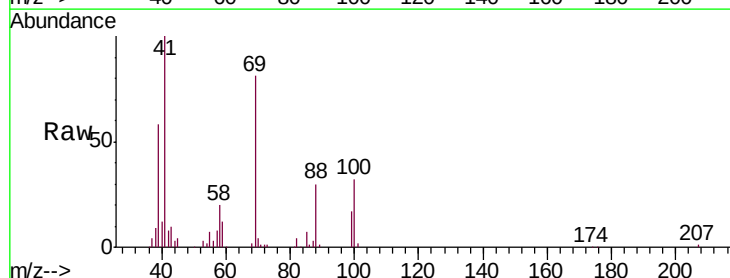
Tgt Ion: 41 Resp: 55386

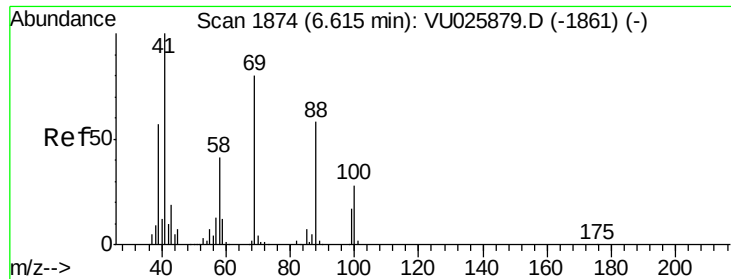
Ion Ratio Lower Upper

41 100

69 84.3 65.0 97.4

39 60.0 46.4 69.6

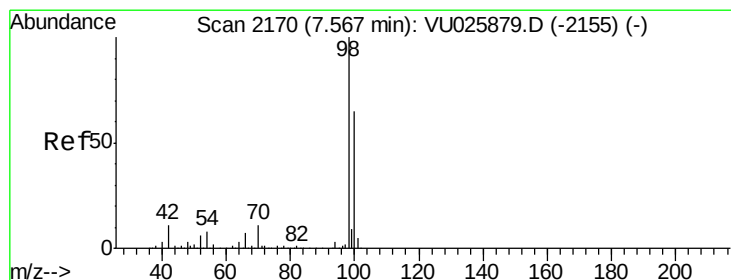
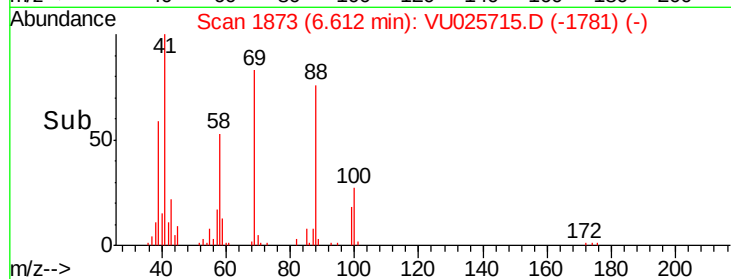
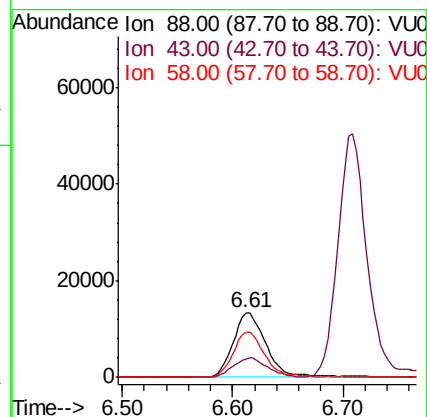
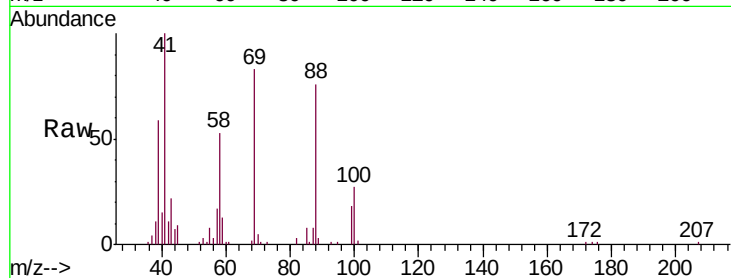




#49
1,4-Dioxane
Concen: 392.972 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. -0.00 min
Lab File: VU025715.D
Acq: 30 Jul 2018 11:34

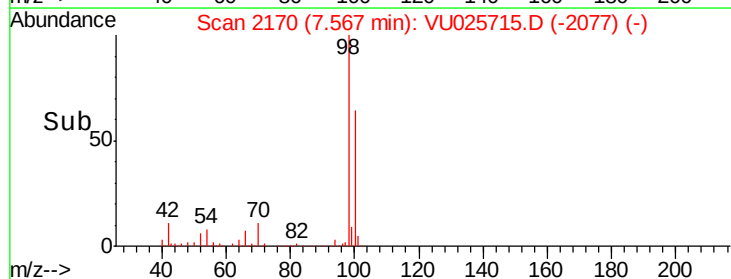
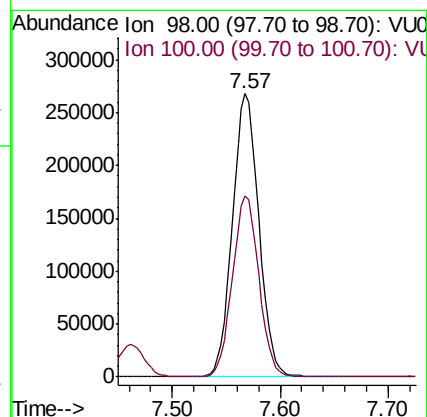
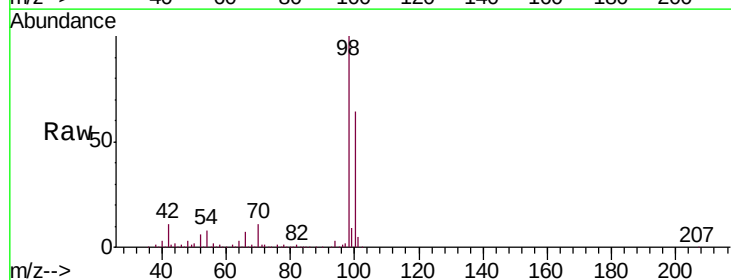
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

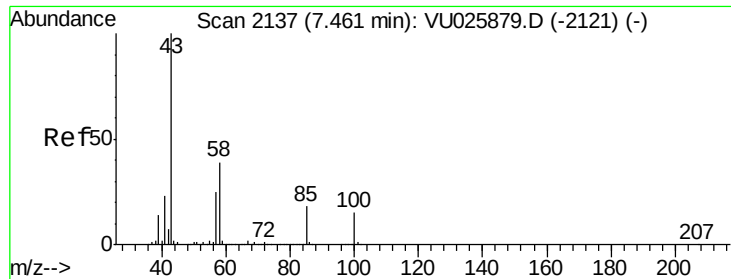
Tgt Ion: 88 Resp: 27487
Ion Ratio Lower Upper
88 100
43 31.6 27.3 40.9
58 67.2 57.6 86.4



#50
Toluene-d8
Concen: 51.422 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025715.D
Acq: 30 Jul 2018 11:34

Tgt Ion: 98 Resp: 458364
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 93.901 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

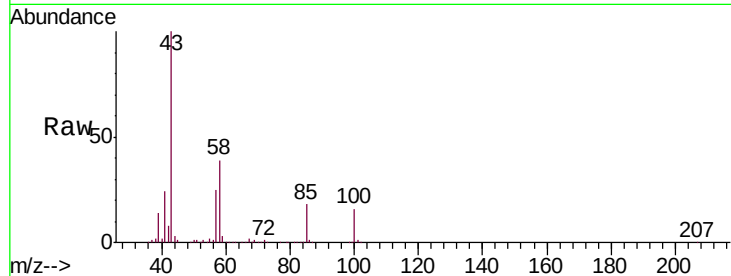
VU0730WBS01

Tgt Ion: 43 Resp: 344773

Ion Ratio Lower Upper

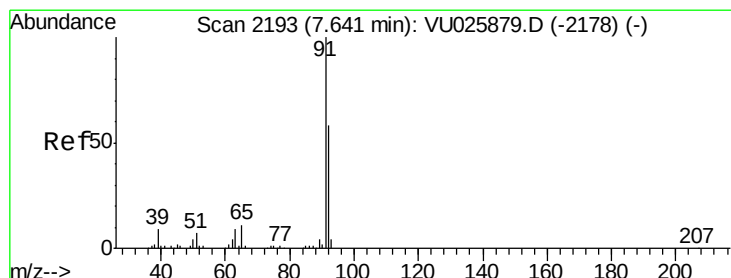
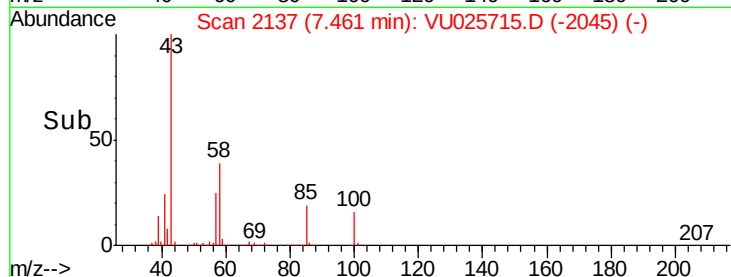
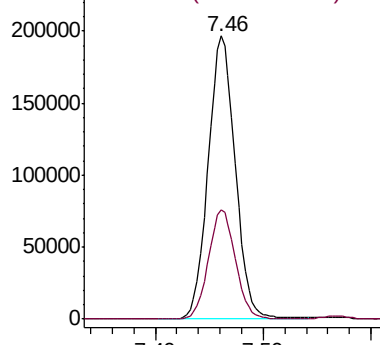
43 100

58 38.5 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 20.478 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025715.D

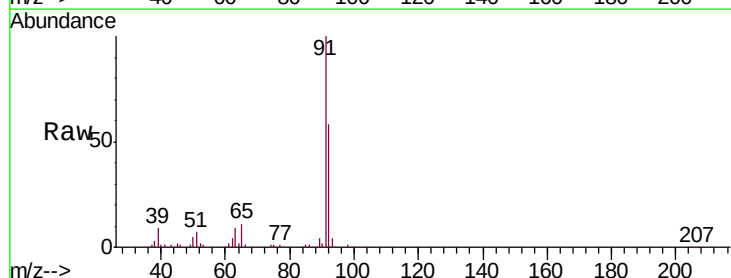
Acq: 30 Jul 2018 11:34

Tgt Ion: 92 Resp: 127282

Ion Ratio Lower Upper

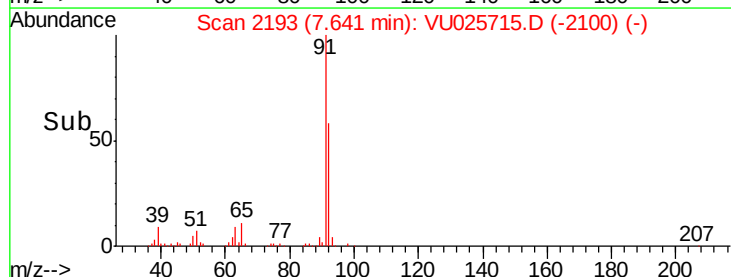
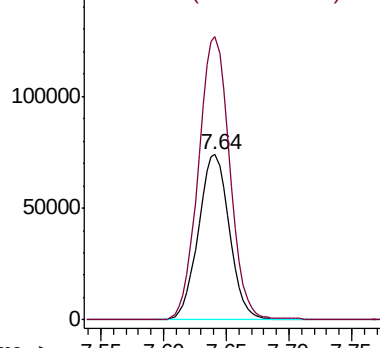
92 100

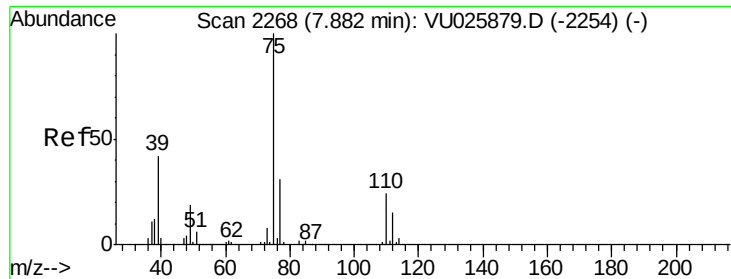
91 172.7 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0





#53

t-1,3-Dichloropropene

Concen: 20.444 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

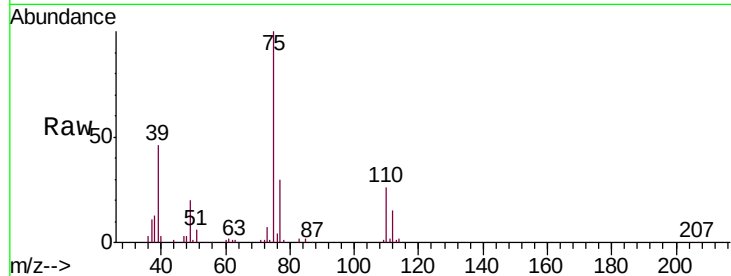
VU0730WBS01

Tgt Ion: 75 Resp: 82784

Ion Ratio Lower Upper

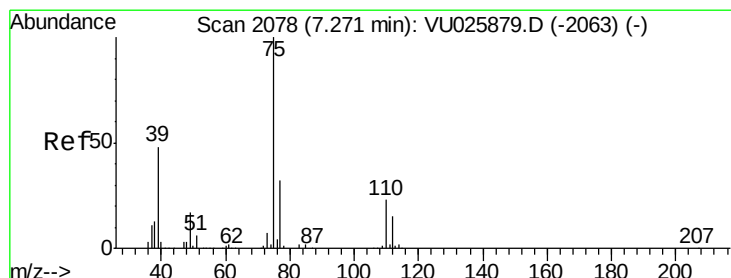
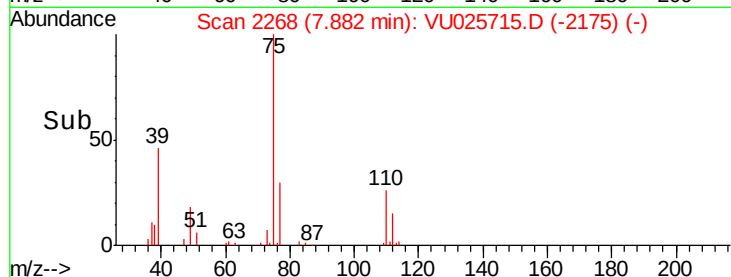
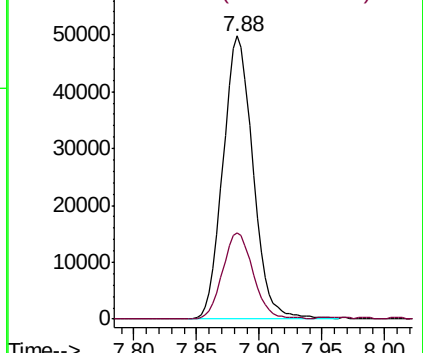
75 100

77 30.5 24.5 36.7



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: 20.490 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

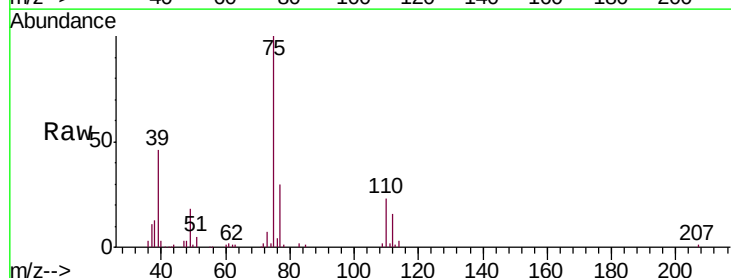
Tgt Ion: 75 Resp: 85230

Ion Ratio Lower Upper

75 100

77 30.4 25.6 38.4

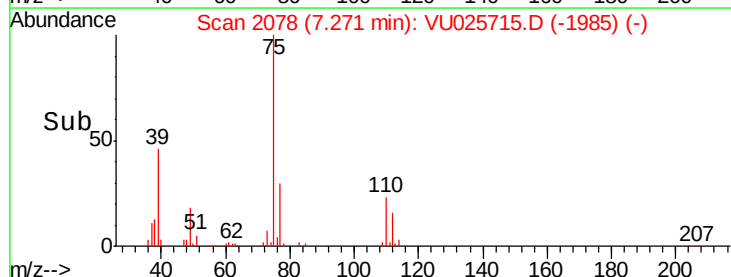
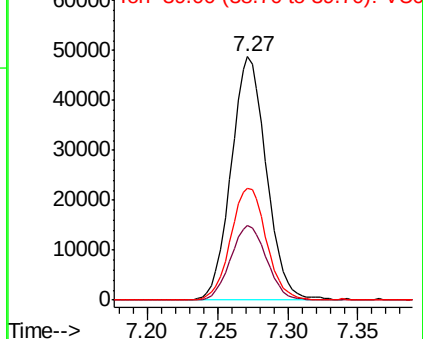
39 46.0 40.0 60.0

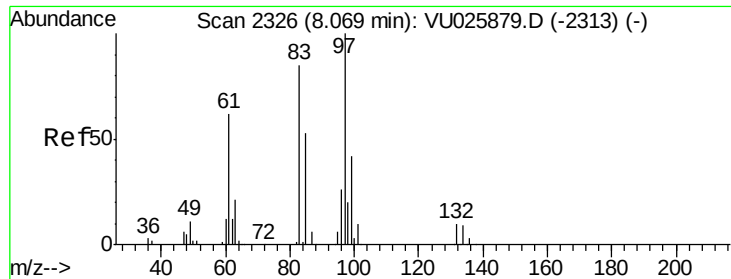


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

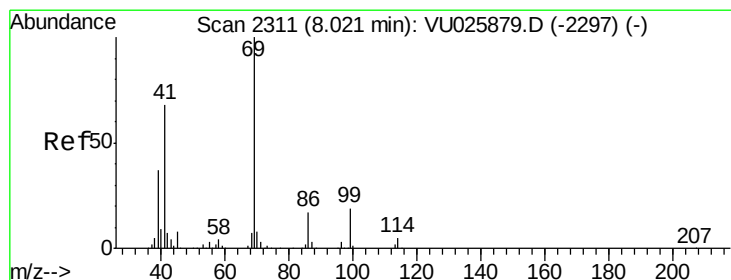
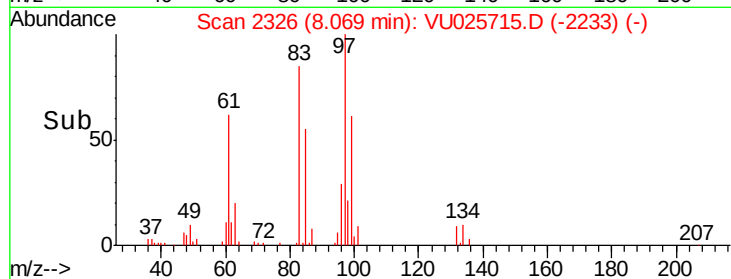
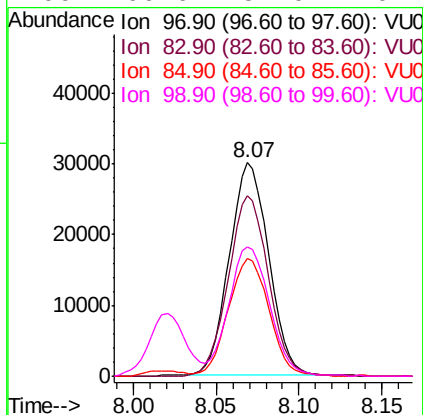
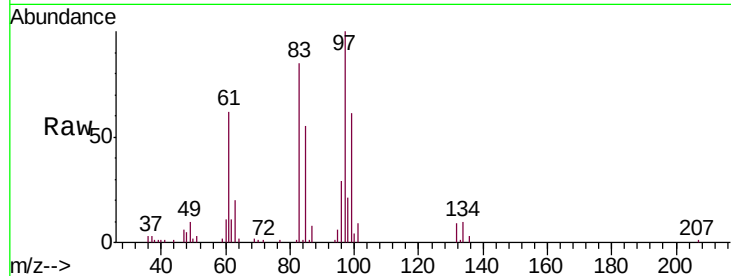




#55
 1,1,2-Trichloroethane
 Concen: 19.229 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

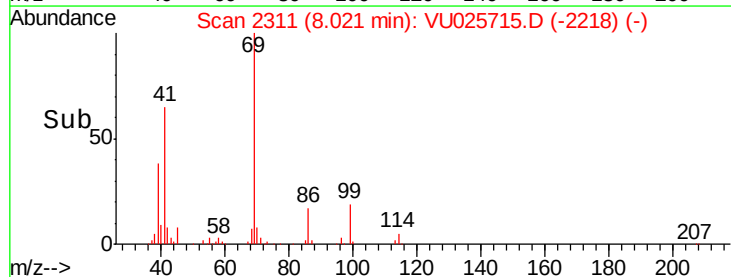
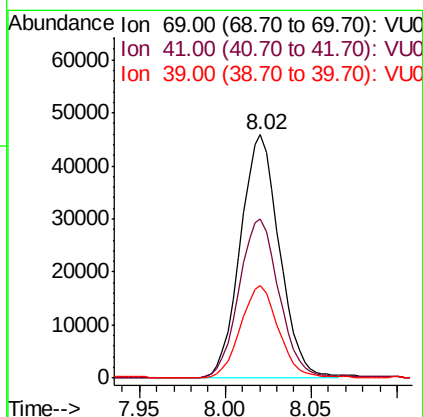
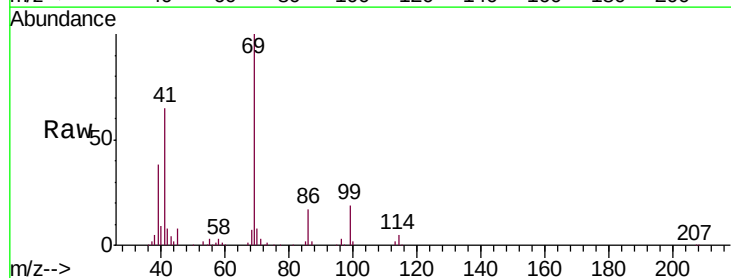
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

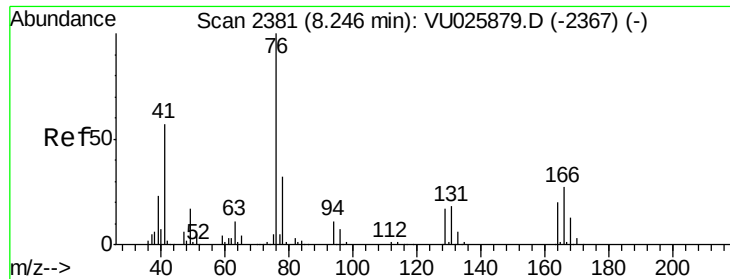
Tgt Ion:	97	Resp:	49669
Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.9	103.3
85	55.1	44.4	66.6
99	60.6	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 19.689 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

Tgt Ion:	69	Resp:	72664
Ion	Ratio	Lower	Upper
69	100		
41	67.6	54.8	82.2
39	36.3	31.1	46.7





#57

1,3-Dichloropropane

Concen: 19.789 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

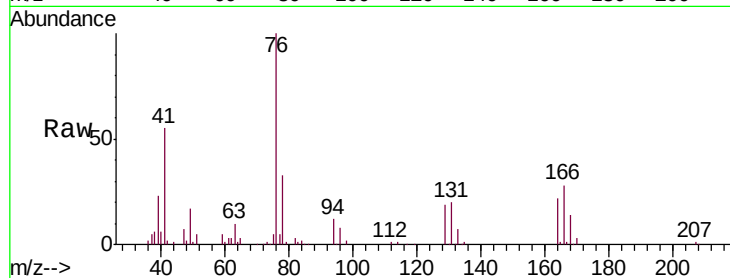
VU0730WBS01

Tgt Ion: 76 Resp: 85961

Ion Ratio Lower Upper

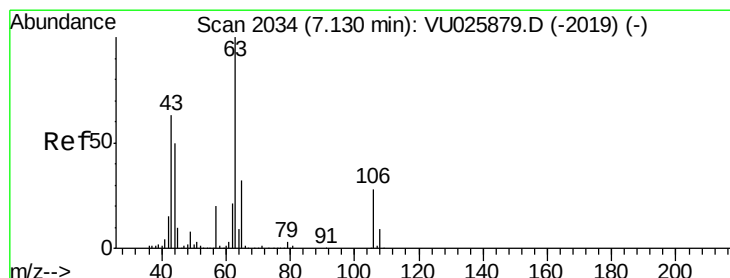
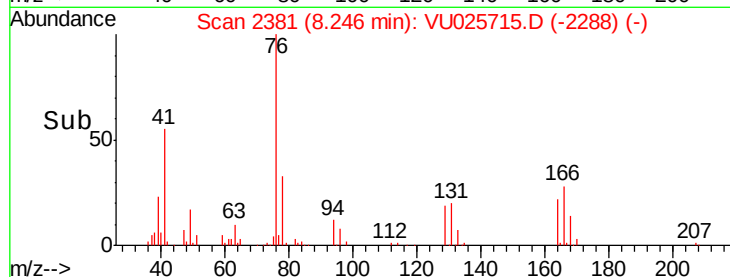
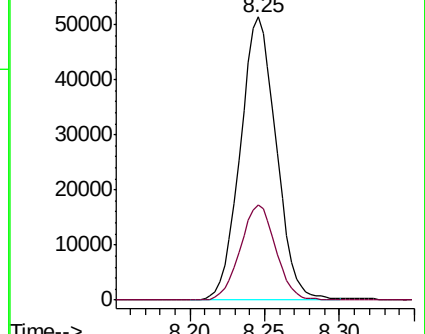
76 100

78 33.1 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 96.182 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU025715.D

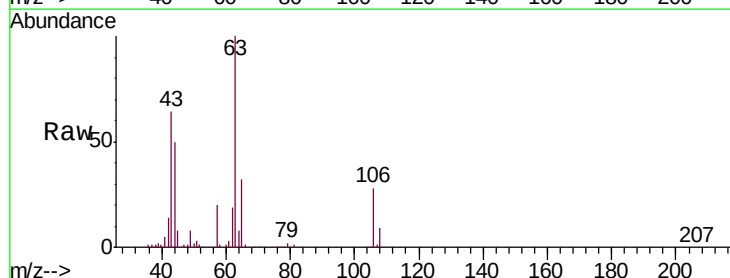
Acq: 30 Jul 2018 11:34

Tgt Ion: 63 Resp: 153254

Ion Ratio Lower Upper

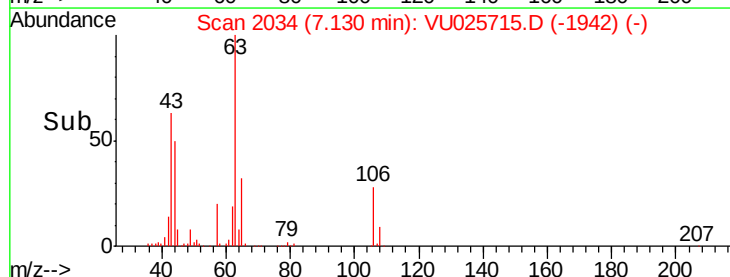
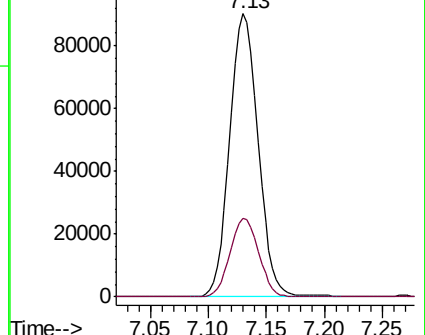
63 100

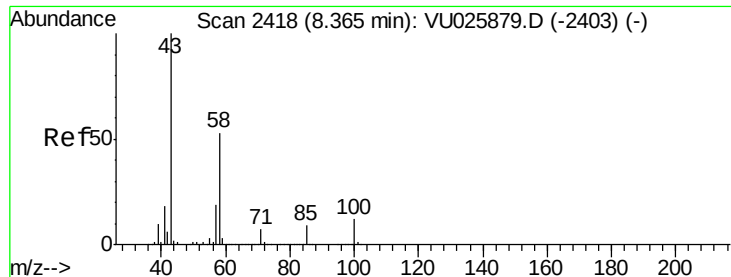
106 27.8 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

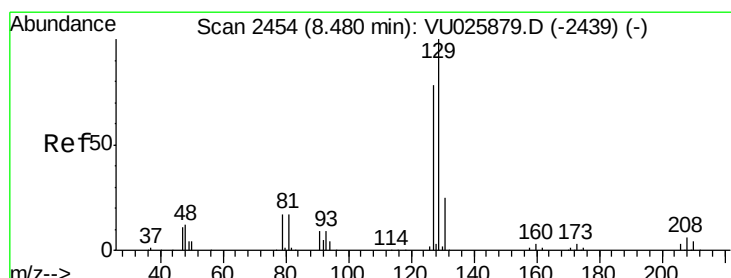
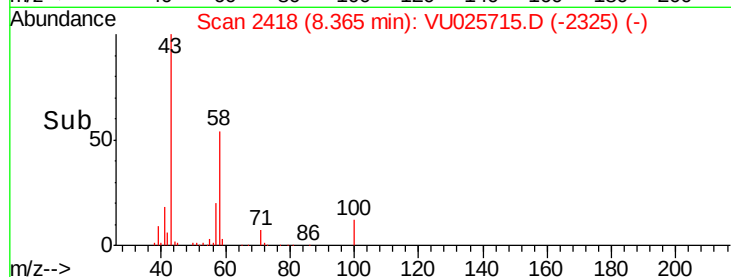
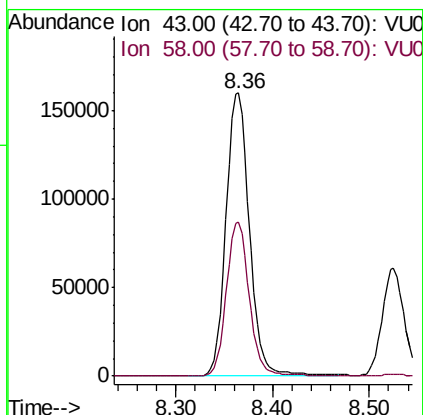
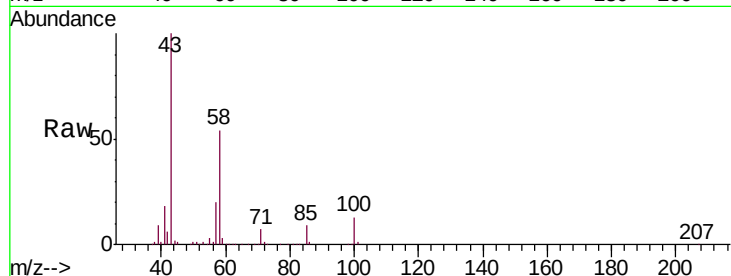




#59
2-Hexanone
Concen: 93.793 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025715.D
Acq: 30 Jul 2018 11:34

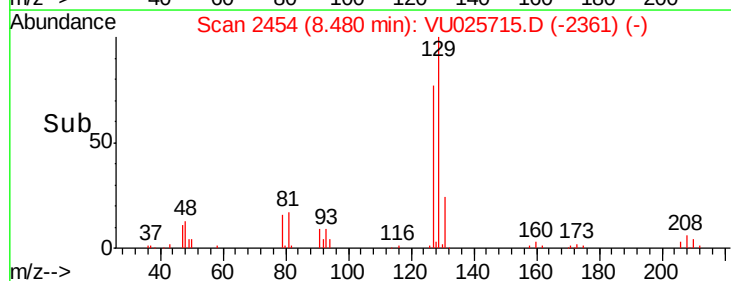
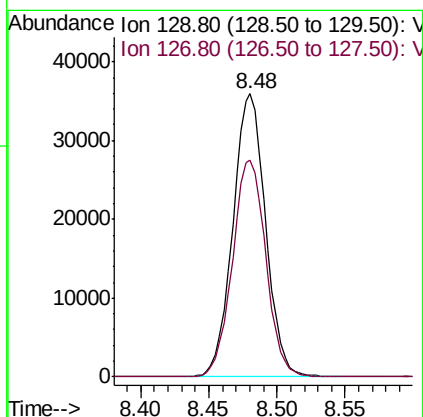
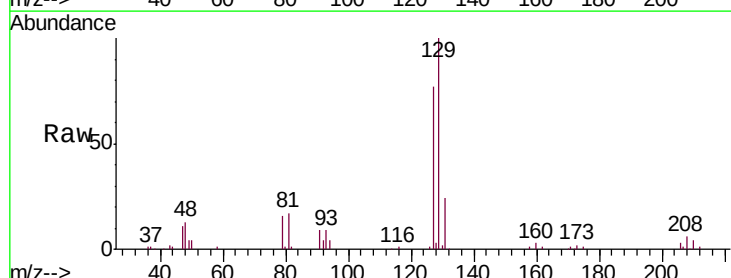
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

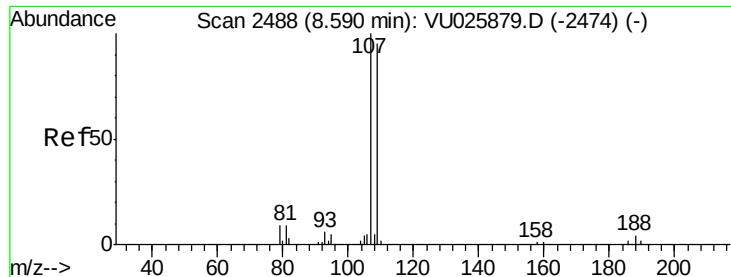
Tgt Ion: 43 Resp: 269948
Ion Ratio Lower Upper
43 100
58 53.2 26.2 78.5



#60
Dibromochloromethane
Concen: 19.612 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025715.D
Acq: 30 Jul 2018 11:34

Tgt Ion: 129 Resp: 59738
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.8

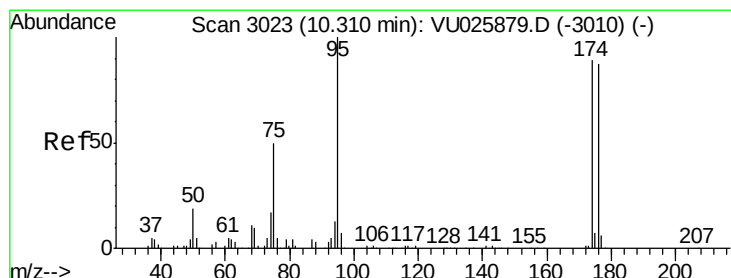
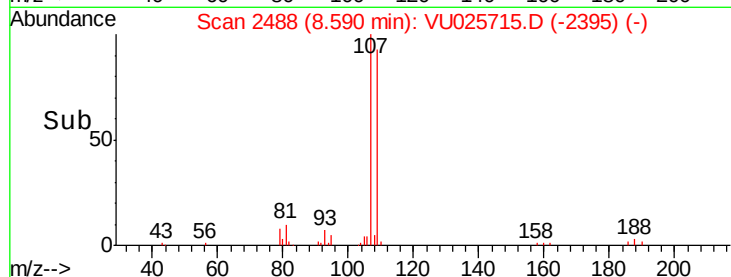
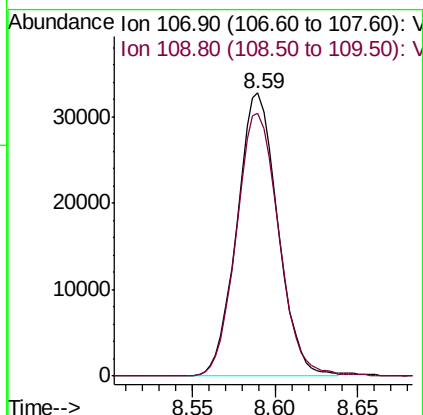
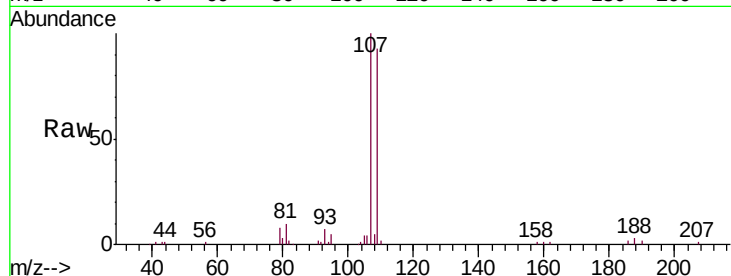




#61
 1,2-Dibromoethane
 Concen: 19.480 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

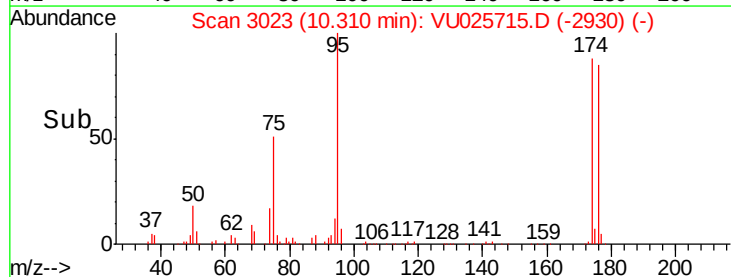
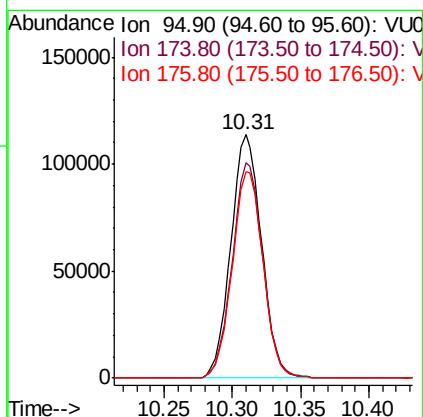
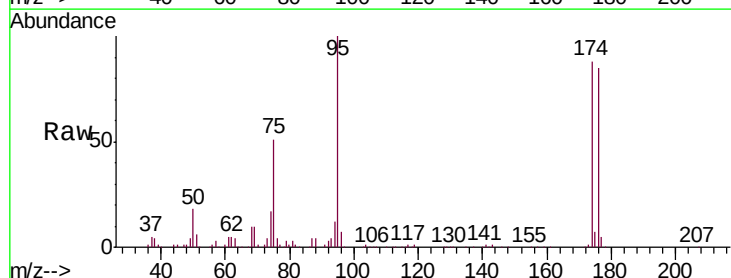
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

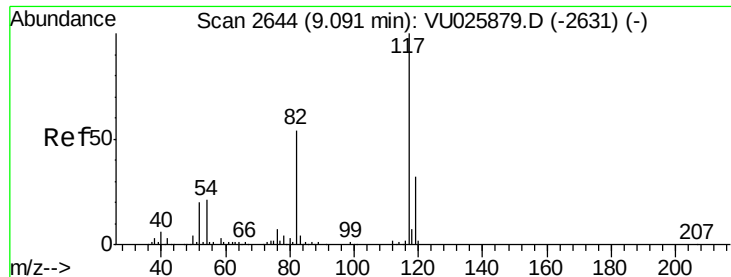
Tgt Ion: 107 Resp: 55960
 Ion Ratio Lower Upper
 107 100
 109 96.7 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 51.395 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

Tgt Ion: 95 Resp: 177819
 Ion Ratio Lower Upper
 95 100
 174 88.1 0.0 172.2
 176 85.1 0.0 162.6

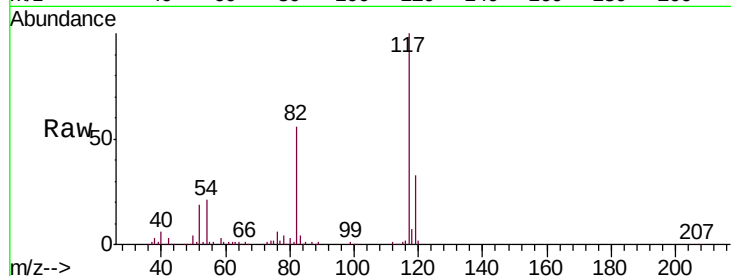




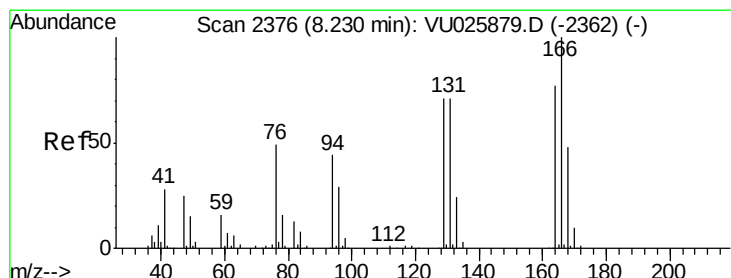
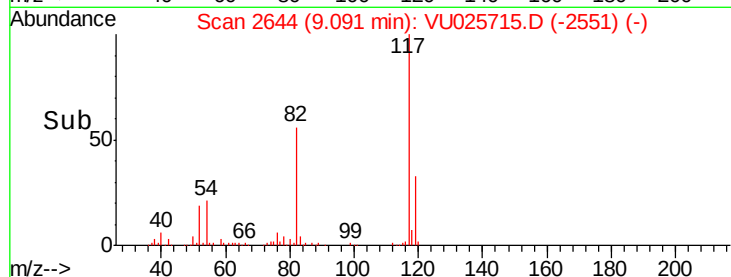
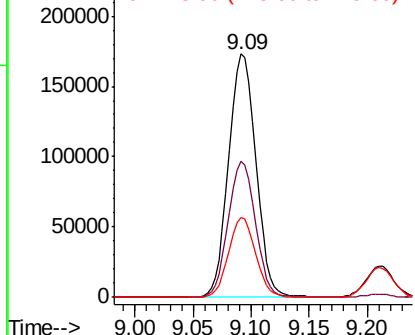
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025715.D
Acq: 30 Jul 2018 11:34

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

Tgt Ion:117 Resp: 282642
Ion Ratio Lower Upper
117 100
82 55.7 46.0 69.0
119 33.0 26.0 39.0

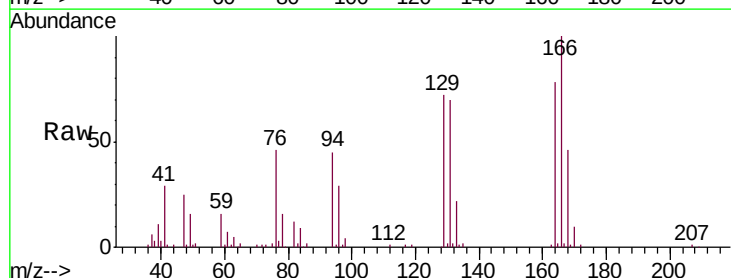


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

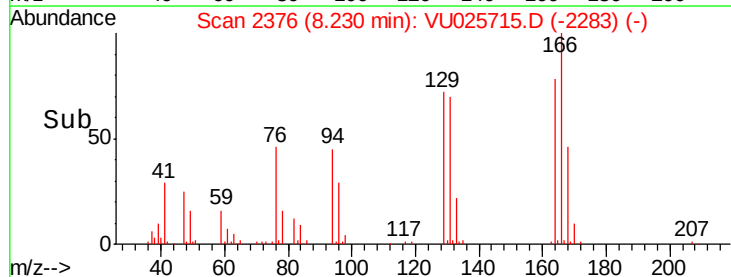
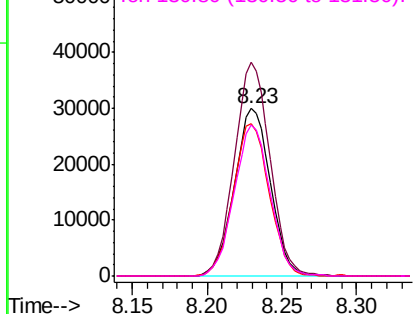


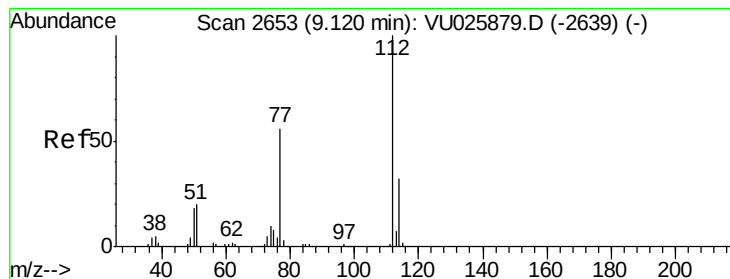
#64
Tetrachloroethene
Concen: 20.139 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025715.D
Acq: 30 Jul 2018 11:34

Tgt Ion:164 Resp: 50101
Ion Ratio Lower Upper
164 100
166 127.8 101.1 151.7
129 91.6 73.0 109.6
131 90.1 72.1 108.1



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





#65

Chlorobenzene

Concen: 19.718 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

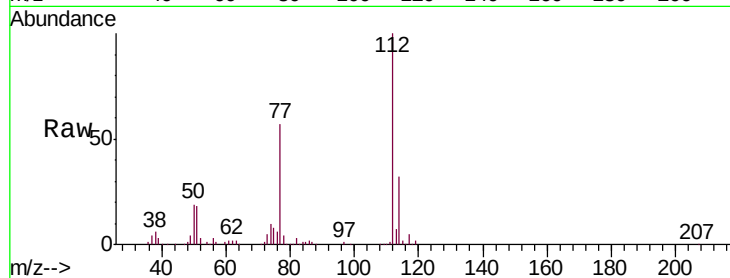
VU0730WBS01

Tgt Ion:112 Resp: 143685

Ion Ratio Lower Upper

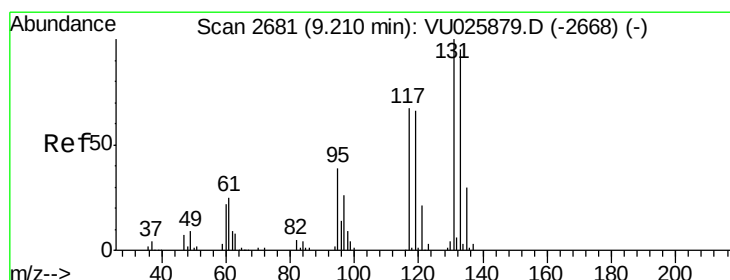
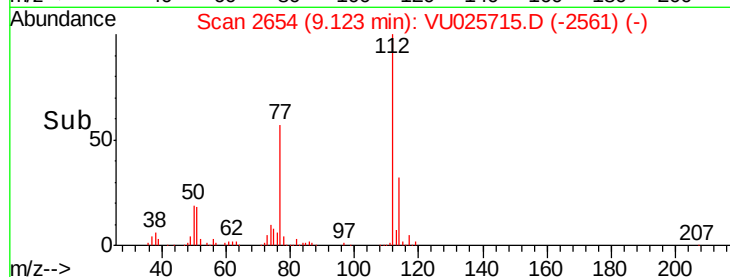
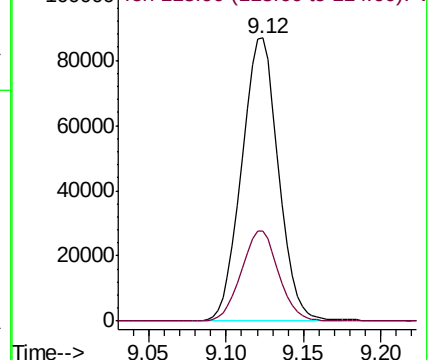
112 100

114 31.7 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.520 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

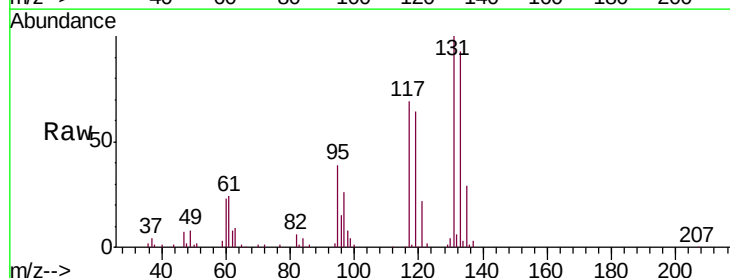
Tgt Ion:131 Resp: 54094

Ion Ratio Lower Upper

131 100

133 94.2 47.8 143.3

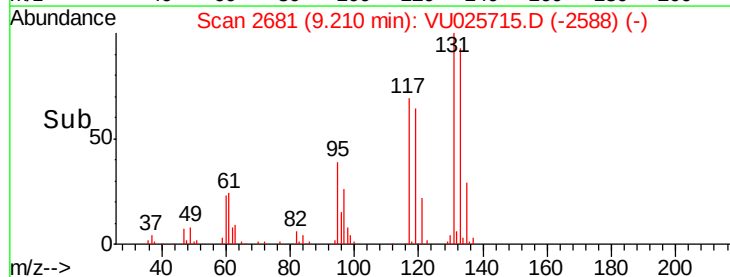
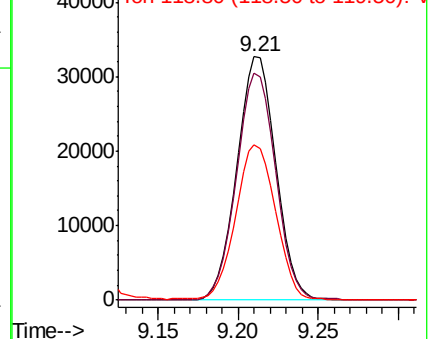
119 65.7 31.6 95.0

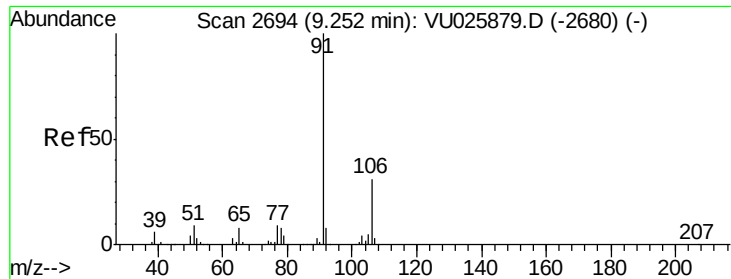


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

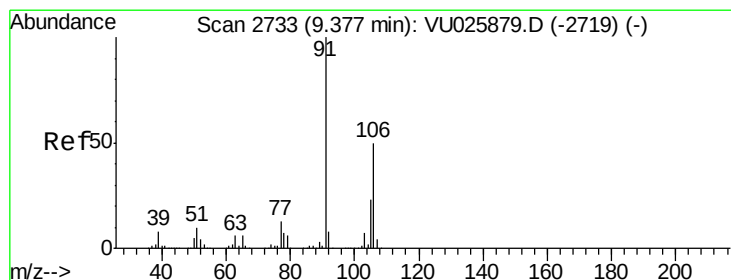
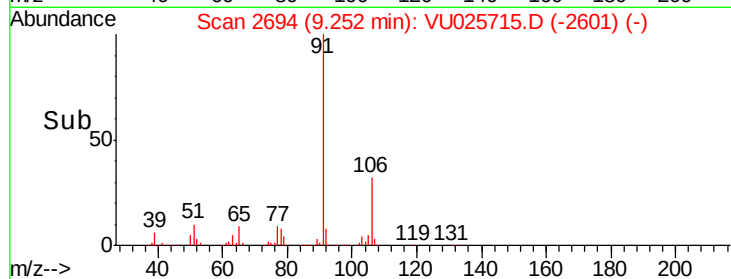
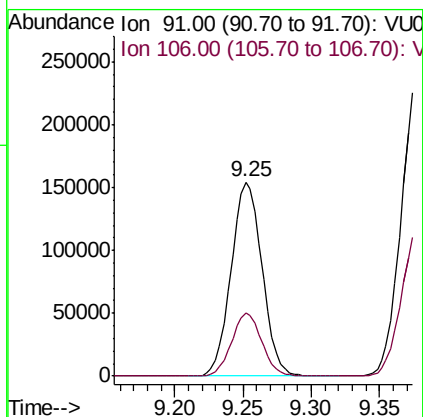
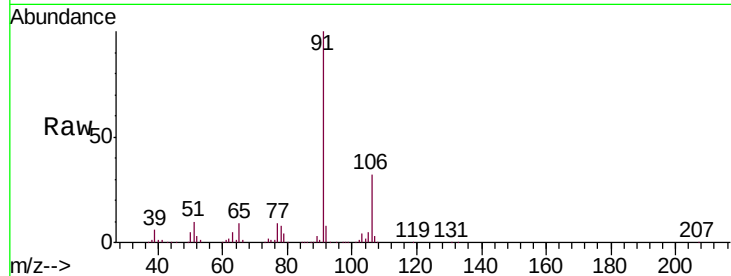




#67
 Ethyl Benzene
 Concen: 20.231 ug/l
 RT: 9.25 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

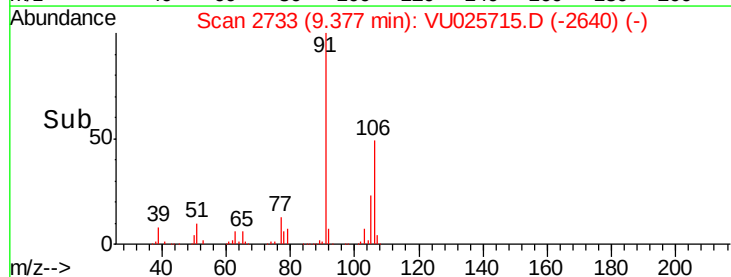
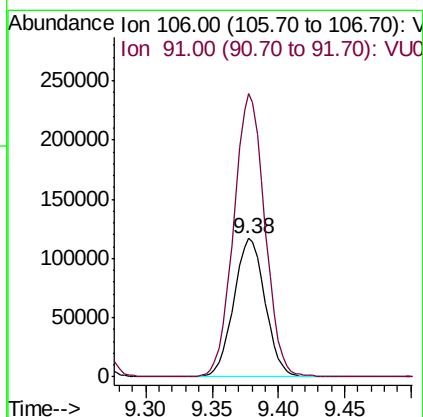
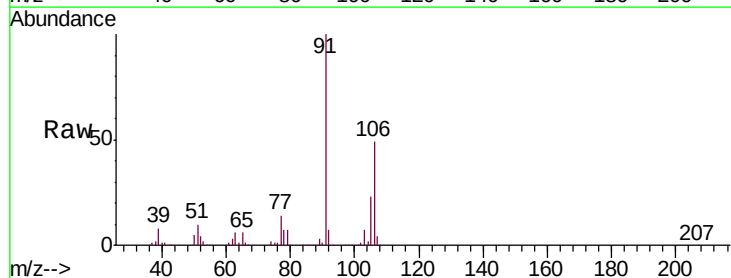
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

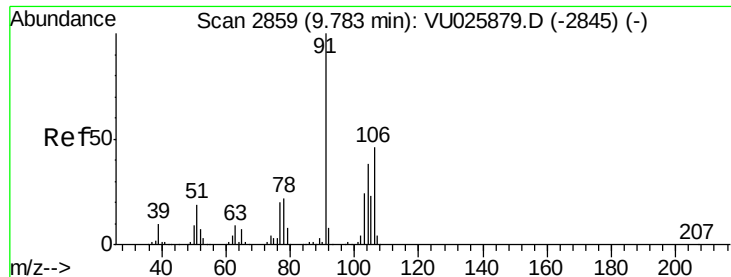
Tgt Ion: 91 Resp: 244200
 Ion Ratio Lower Upper
 91 100
 106 32.2 25.3 37.9



#68
 m/p-Xylenes
 Concen: 41.523 ug/l
 RT: 9.38 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

Tgt Ion: 106 Resp: 192425
 Ion Ratio Lower Upper
 106 100
 91 202.1 162.3 243.5

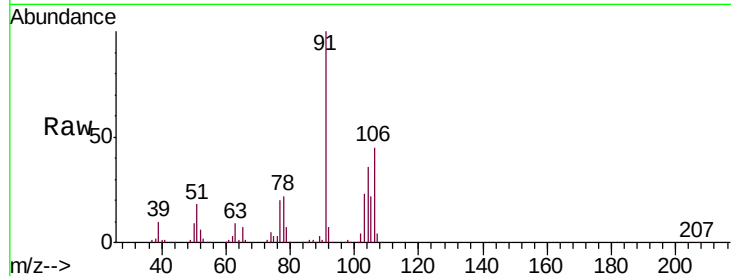




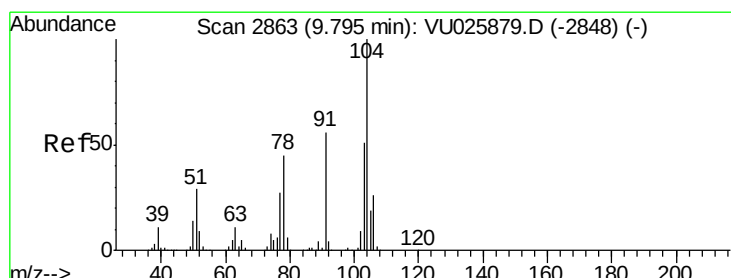
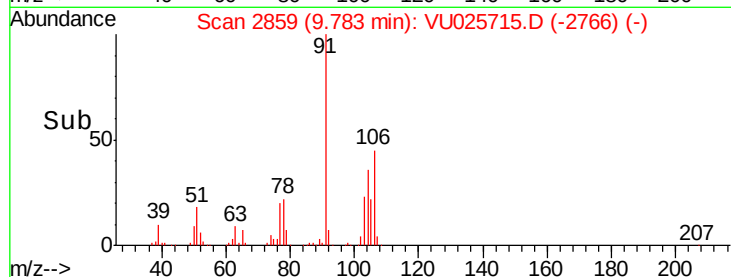
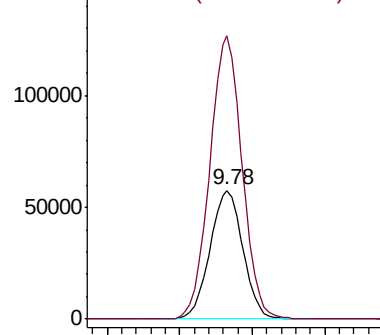
#69
o-Xylene
Concen: 20.052 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025715.D
Acq: 30 Jul 2018 11:34

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

Tgt Ion:106 Resp: 90818
Ion Ratio Lower Upper
106 100
91 215.7 105.3 315.8

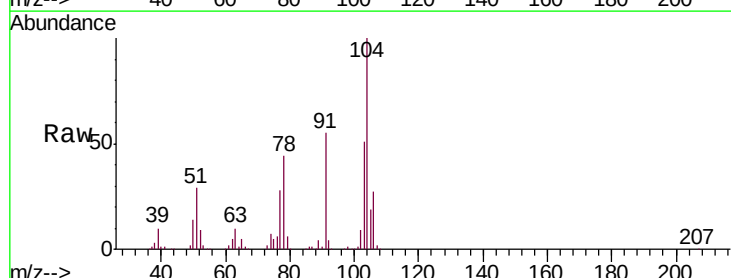


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

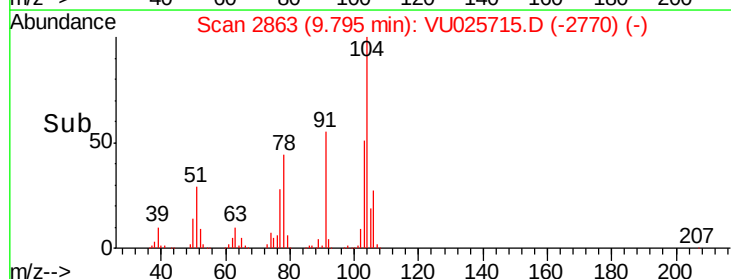
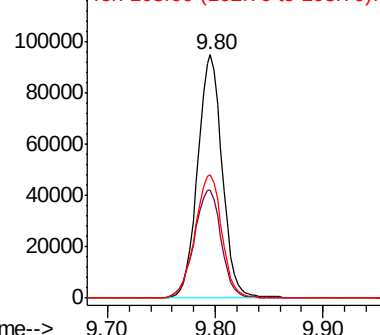


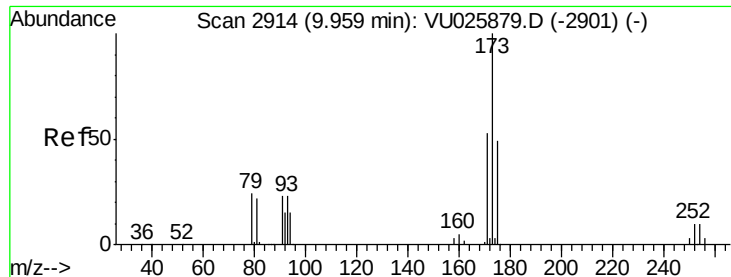
#70
Styrene
Concen: 20.632 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025715.D
Acq: 30 Jul 2018 11:34

Tgt Ion:104 Resp: 150941
Ion Ratio Lower Upper
104 100
78 49.0 41.6 62.4
103 55.6 44.6 66.8



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: 20.049 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBS01

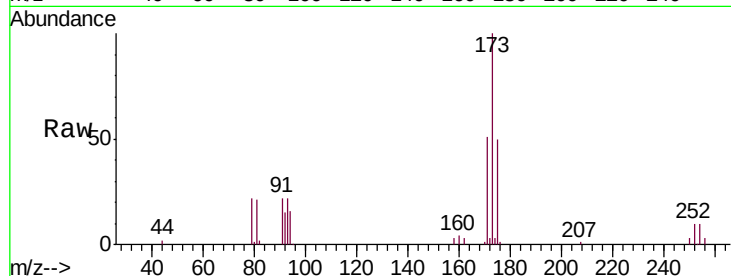
Tgt Ion:173 Resp: 45828

Ion Ratio Lower Upper

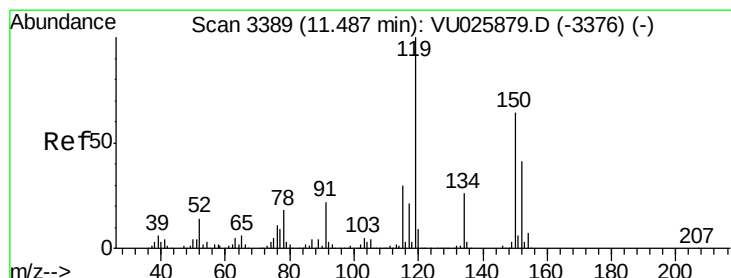
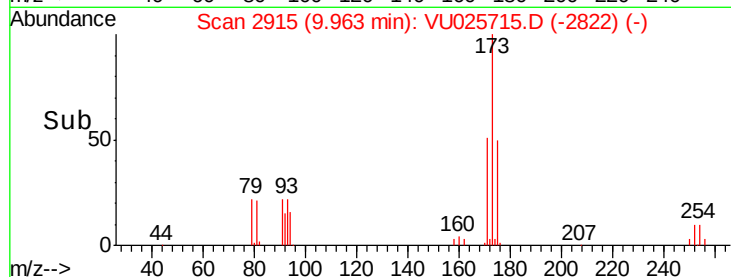
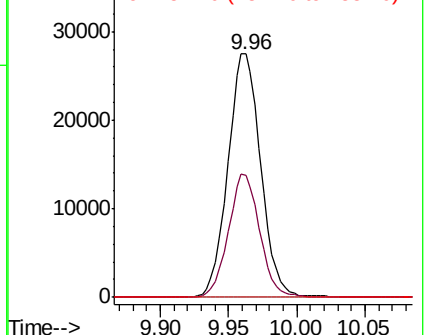
173 100

175 48.2 24.0 72.0

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: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

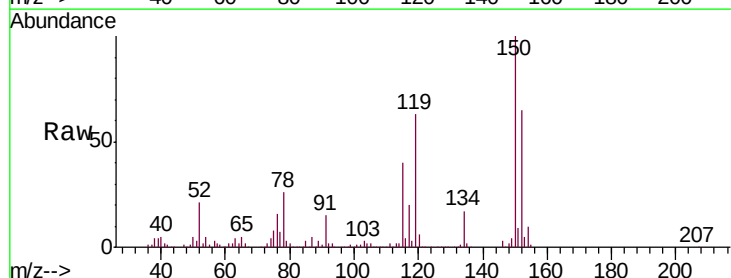
Tgt Ion:152 Resp: 180713

Ion Ratio Lower Upper

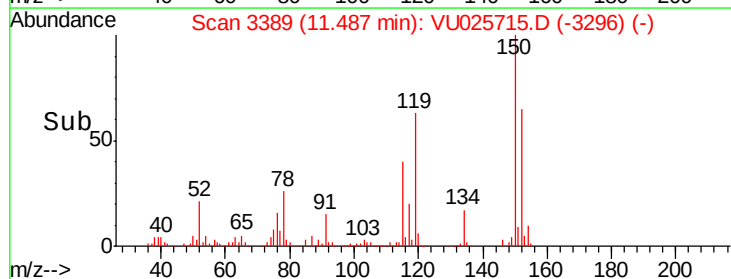
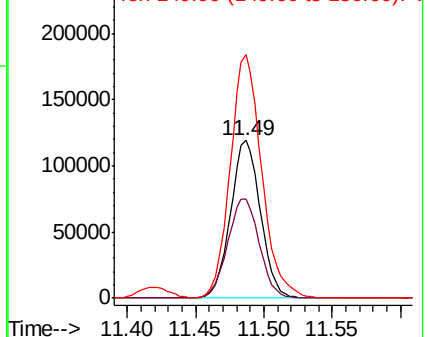
152 100

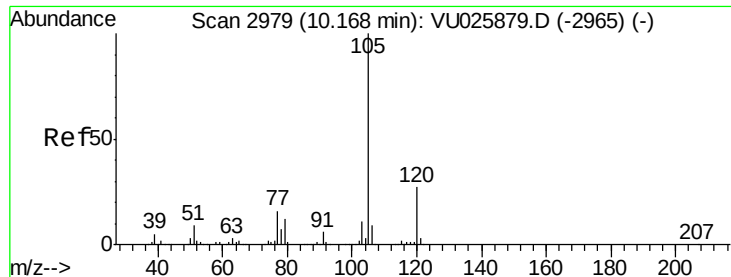
115 66.8 40.1 120.3

150 162.8 0.0 351.4



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





#73

Isopropylbenzene

Concen: 20.303 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

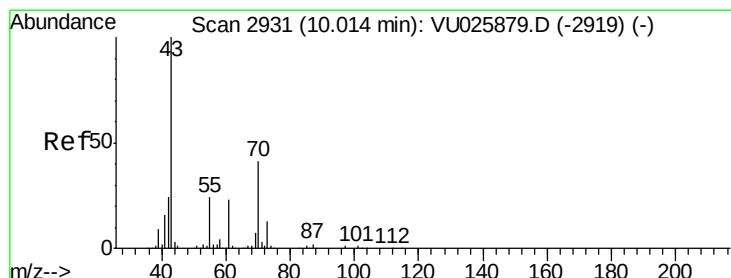
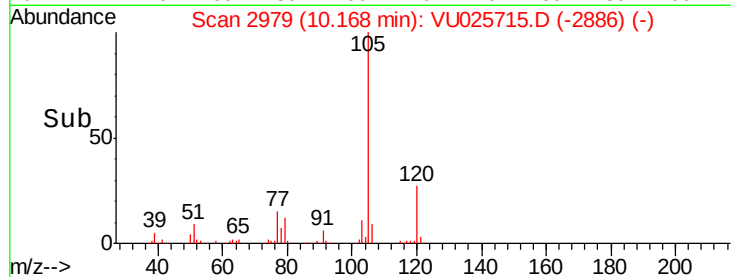
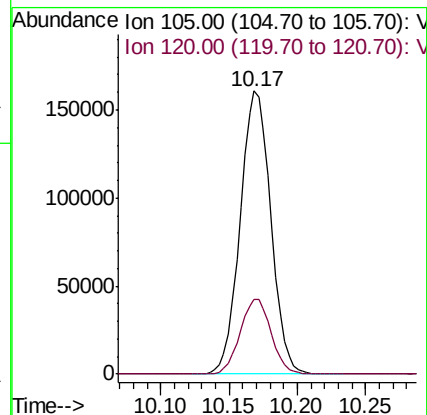
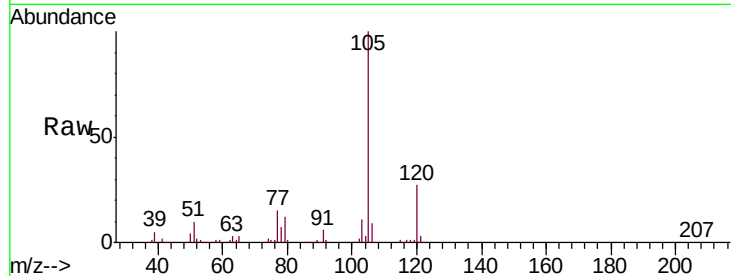
VU0730WBS01

Tgt Ion: 105 Resp: 250420

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



#74

N-ethyl acetate

Concen: 19.457 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Tgt Ion: 43 Resp: 97970

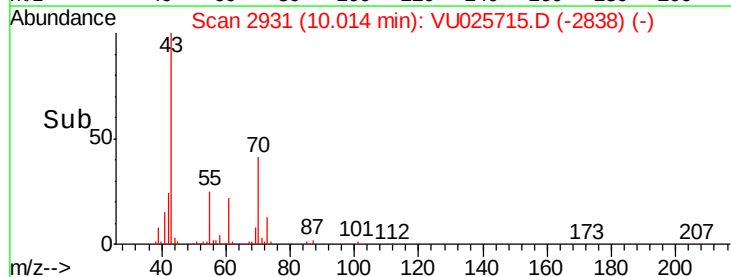
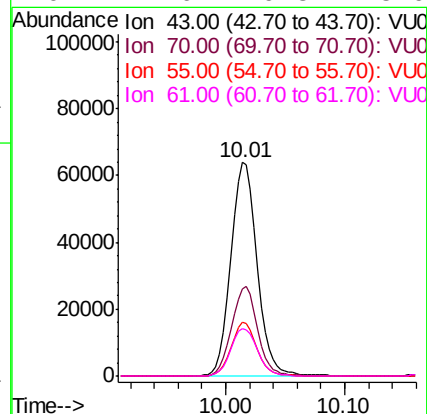
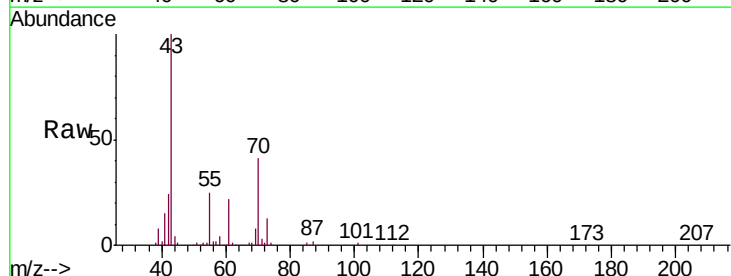
Ion Ratio Lower Upper

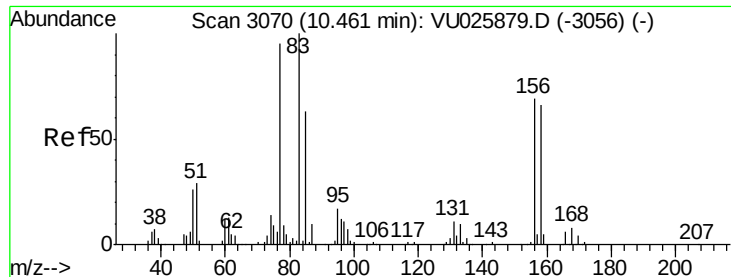
43 100

70 41.3 33.4 50.2

55 24.3 19.0 28.6

61 22.6 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.739 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBS01

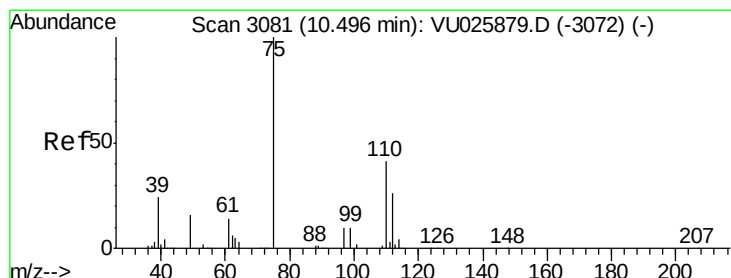
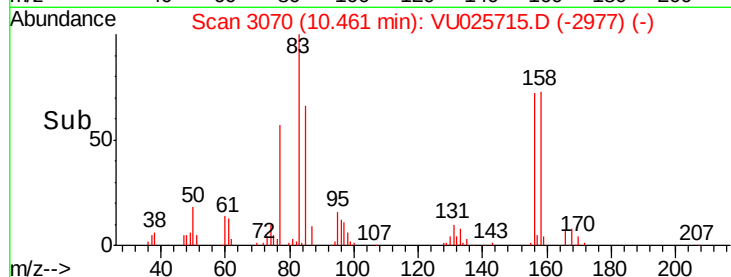
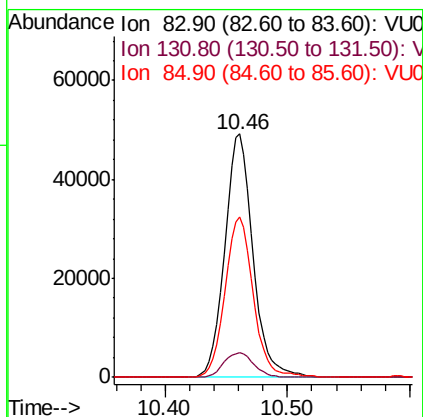
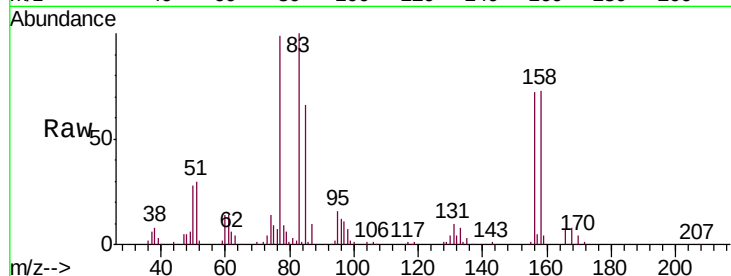
Tgt Ion: 83 Resp: 79929

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

85 66.0 31.6 94.8



#76

1,2,3-Trichloropropane

Concen: 23.657 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025715.D

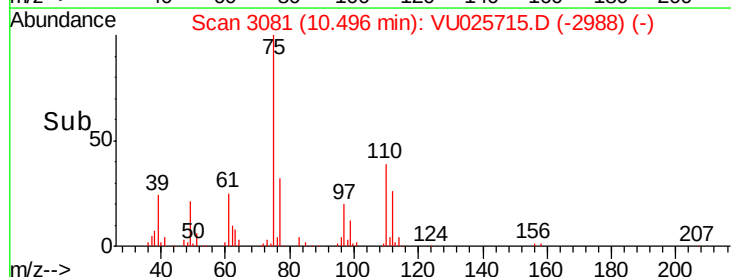
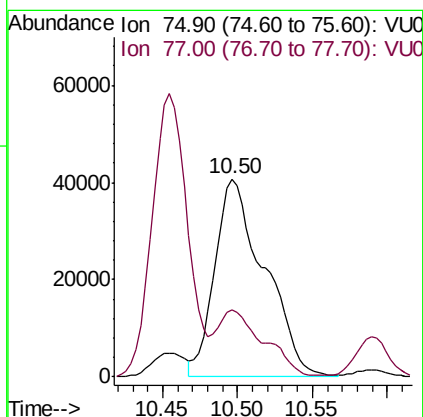
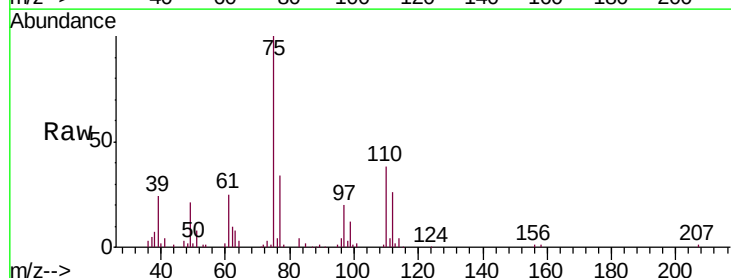
Acq: 30 Jul 2018 11:34

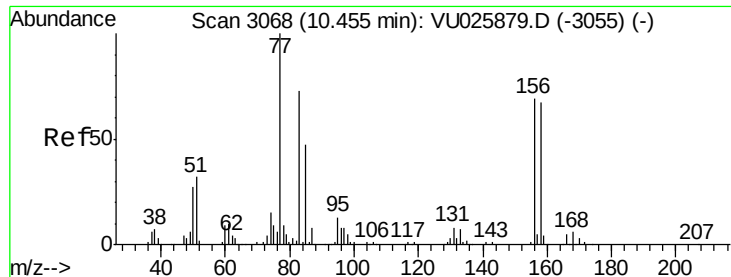
Tgt Ion: 75 Resp: 94193

Ion Ratio Lower Upper

75 100

77 30.6 20.4 61.3





#77

Bromobenzene

Concen: 19.402 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBS01

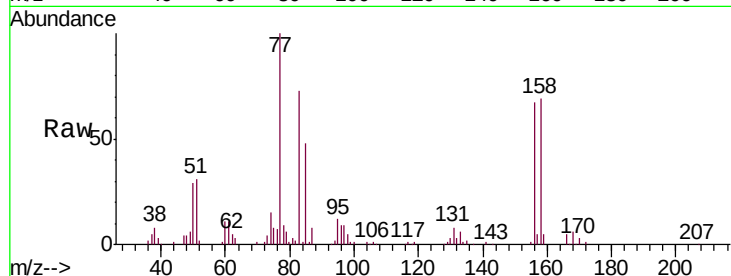
Tgt Ion:156 Resp: 66007

Ion Ratio Lower Upper

156 100

77 144.7 73.8 221.4

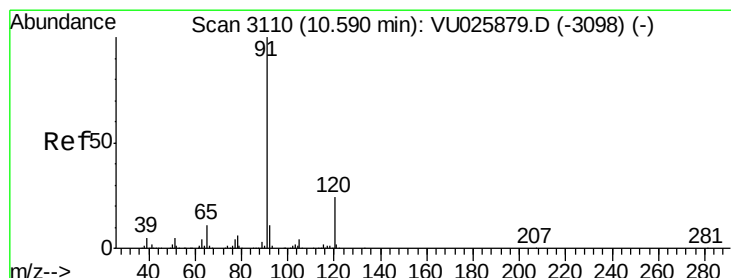
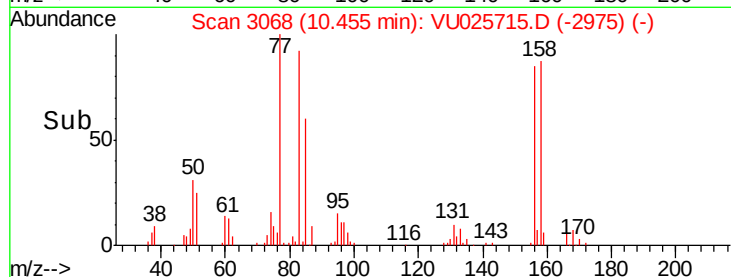
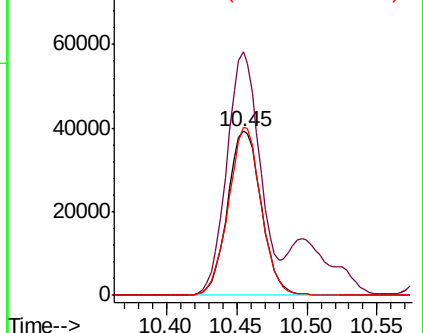
158 98.7 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.742 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025715.D

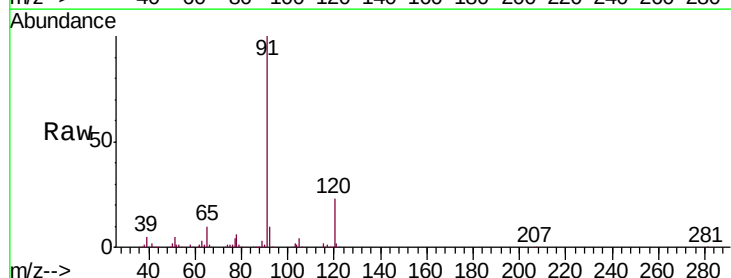
Acq: 30 Jul 2018 11:34

Tgt Ion: 91 Resp: 298604

Ion Ratio Lower Upper

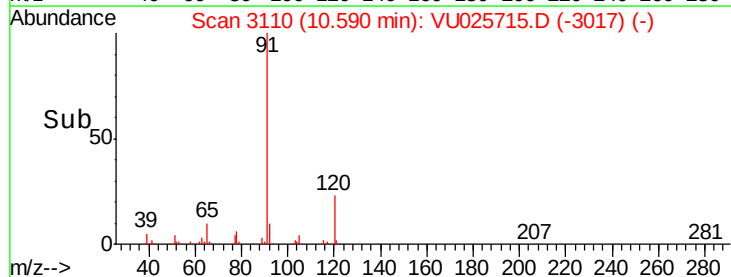
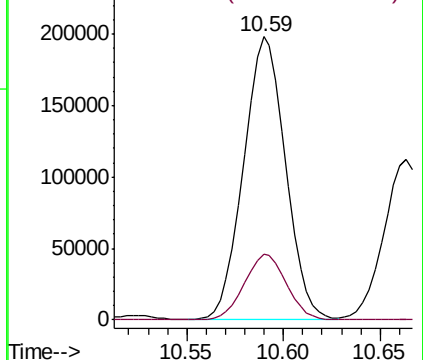
91 100

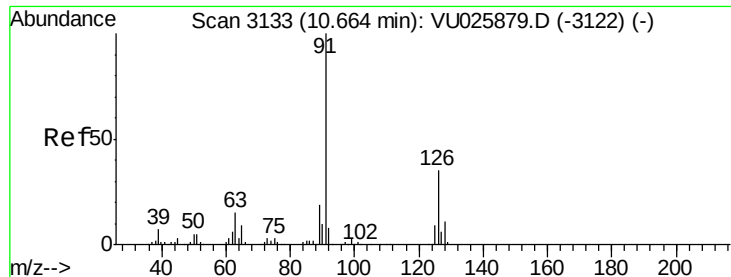
120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.587 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

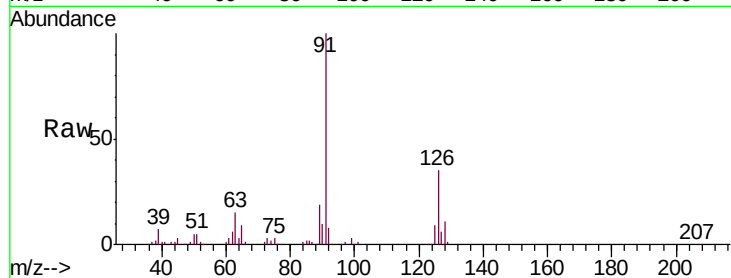
VU0730WBS01

Tgt Ion: 91 Resp: 173593

Ion Ratio Lower Upper

91 100

126 35.7 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VU025879.D (-3122) (-)

Ion 125.90 (125.60 to 126.60): VU025879.D (-3122) (-)

200000

150000

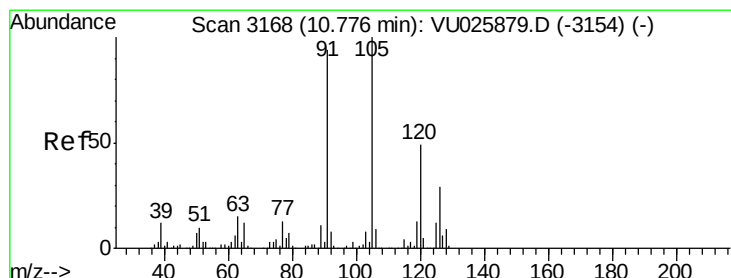
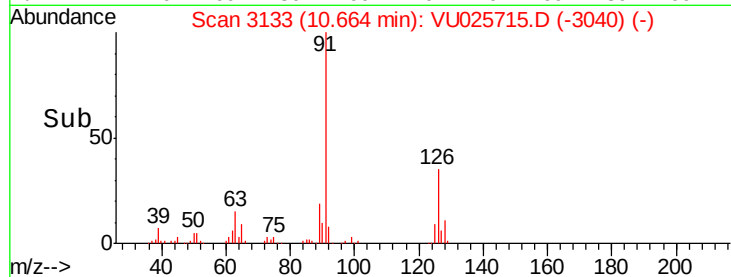
100000

50000

0

10.60 10.65 10.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.689 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025715.D

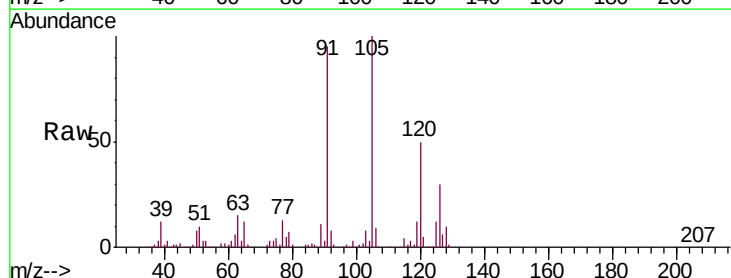
Acq: 30 Jul 2018 11:34

Tgt Ion: 105 Resp: 216715

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VU025879.D (-3154) (-)

Ion 120.00 (119.70 to 120.70): VU025879.D (-3154) (-)

150000

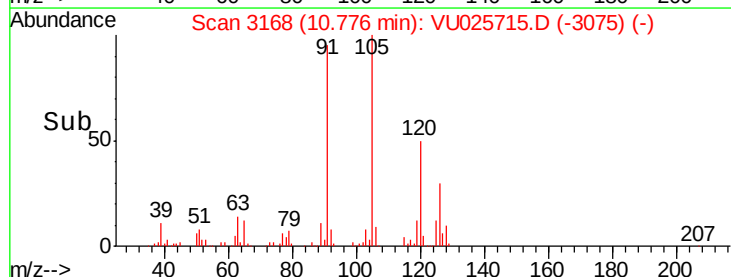
100000

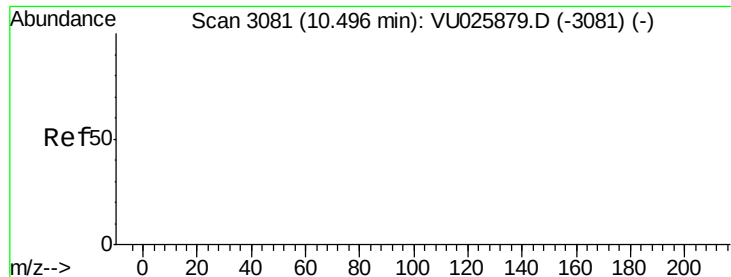
50000

0

10.70 10.80

Time-->

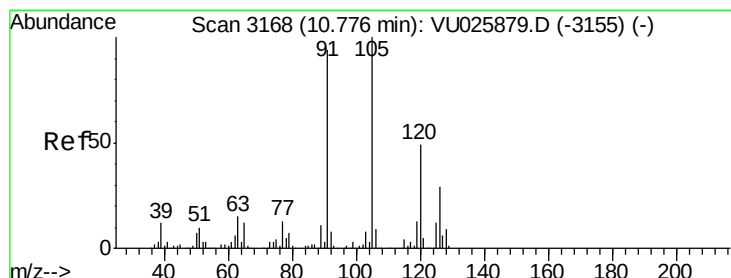
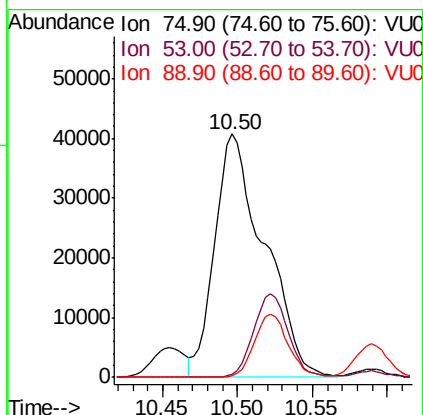
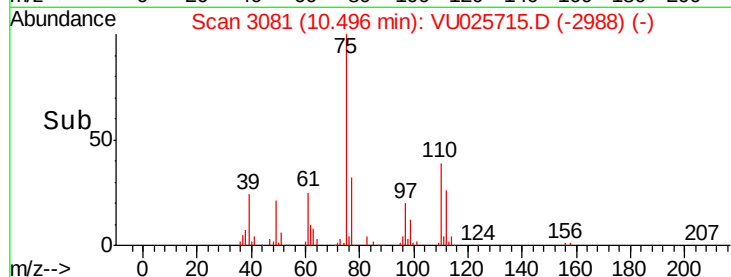
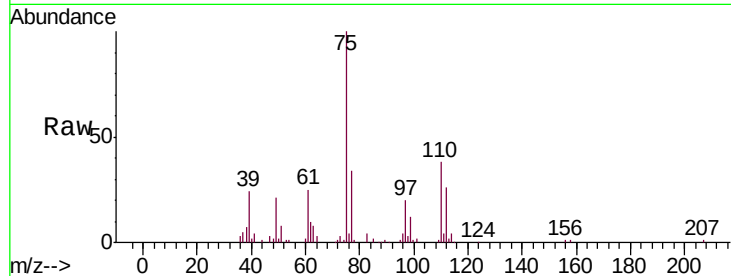




#81
trans-1,4-Dichloro-2-butene
Concen: 59.319 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. 0.00 min
Lab File: VU025715.D
Acq: 30 Jul 2018 11:34

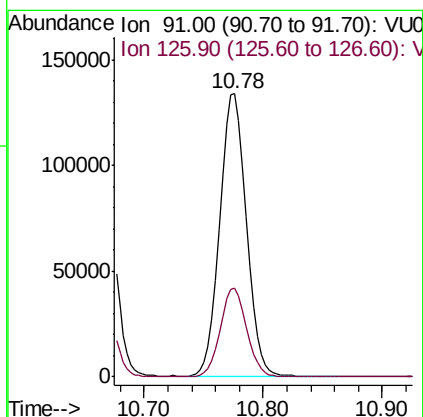
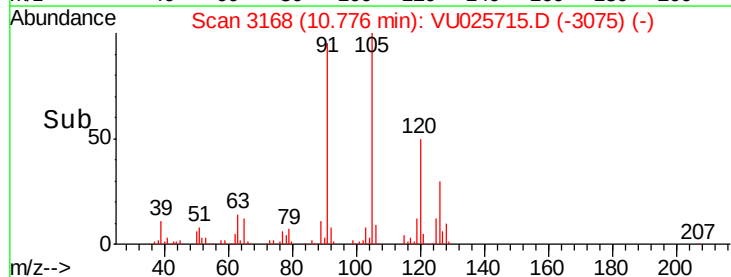
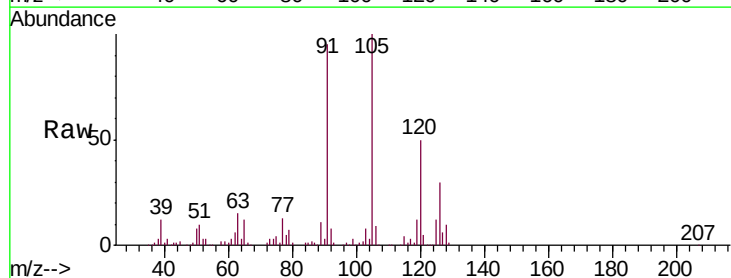
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

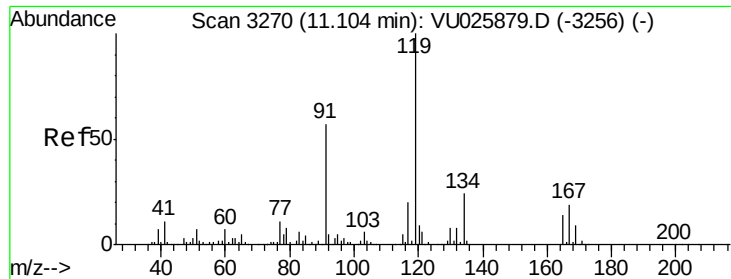
Tgt Ion: 75 Resp: 94193
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 20.967 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025715.D
Acq: 30 Jul 2018 11:34

Tgt Ion: 91 Resp: 208398
Ion Ratio Lower Upper
91 100
126 31.0 15.3 45.9

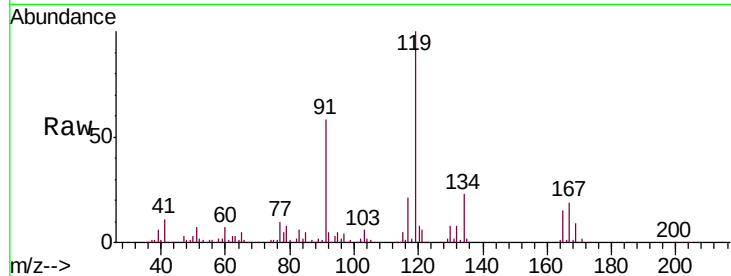




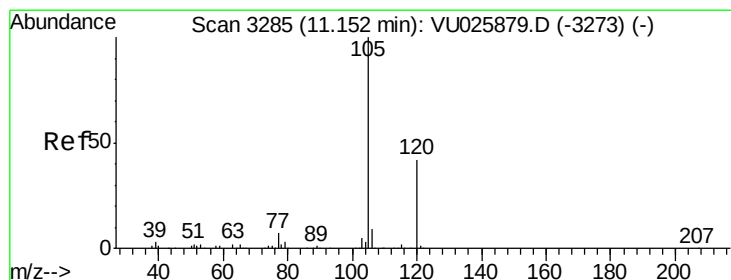
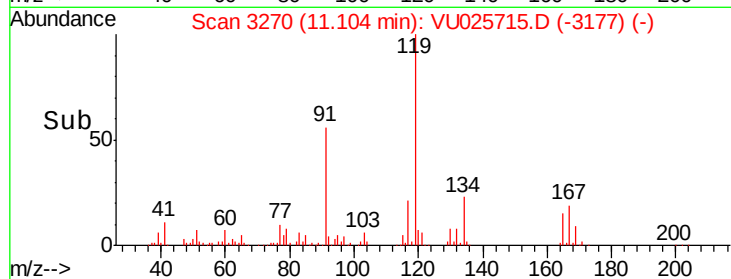
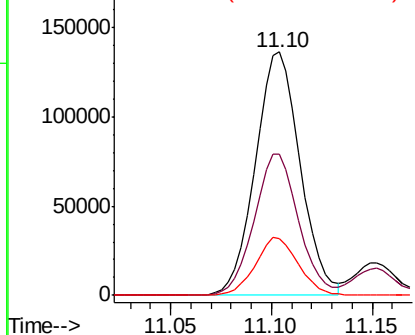
#83
 tert-Butylbenzene
 Concen: 20.320 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

Tgt Ion:119 Resp: 211482
 Ion Ratio Lower Upper
 119 100
 91 57.1 29.7 89.1
 134 22.7 11.5 34.5

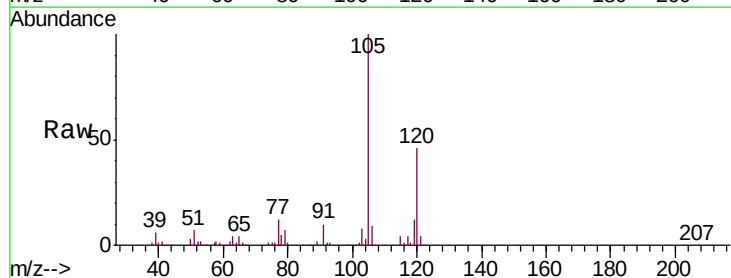


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

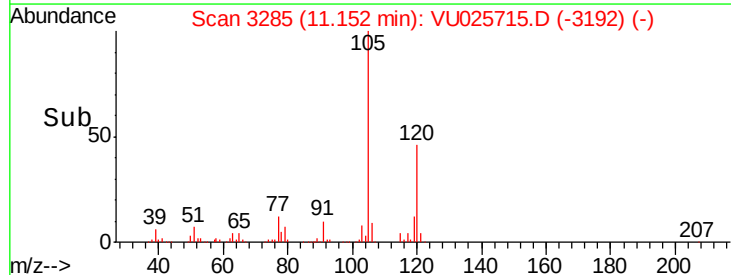
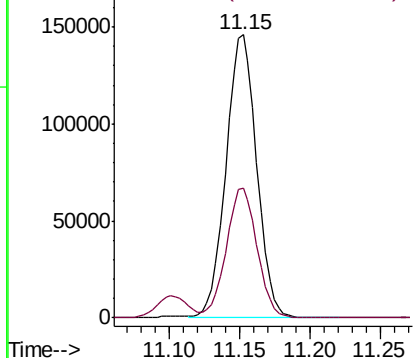


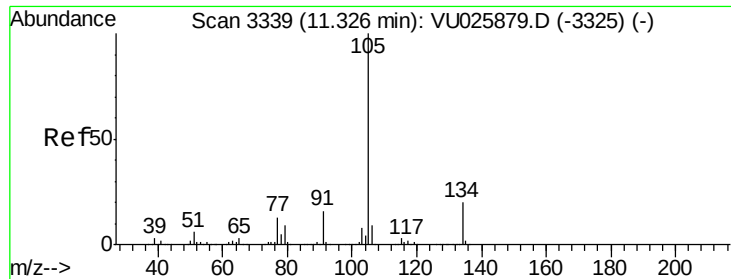
#84
 1,2,4-Trimethylbenzene
 Concen: 20.826 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

Tgt Ion:105 Resp: 221070
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.8



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

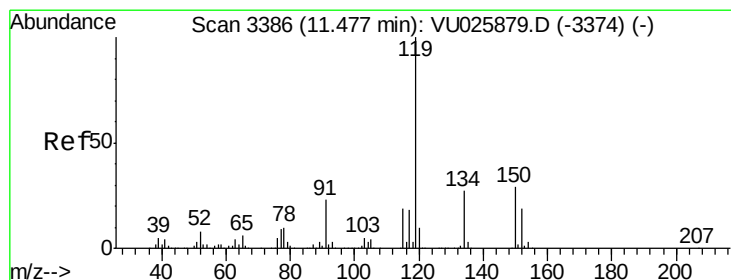
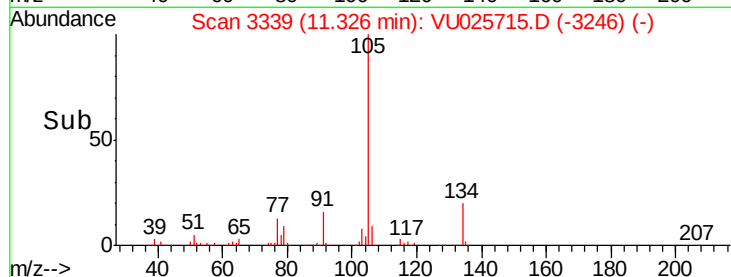
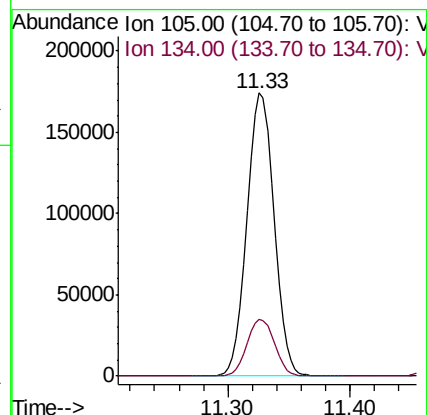
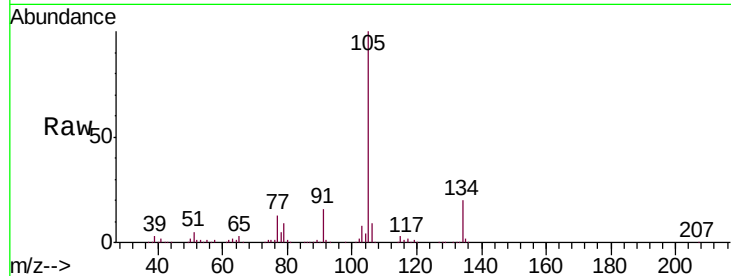




#85
 sec-Butylbenzene
 Concen: 20.888 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

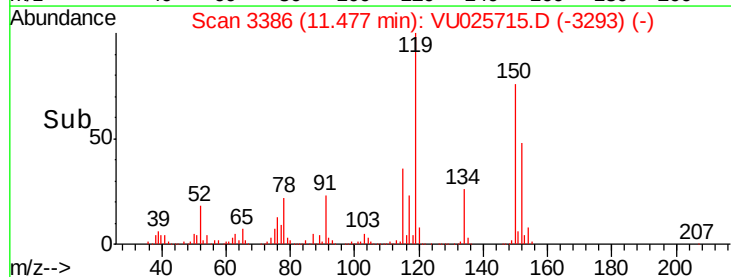
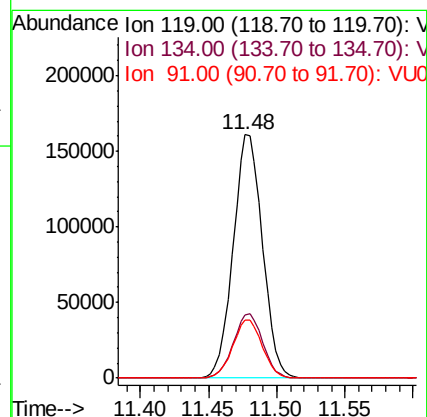
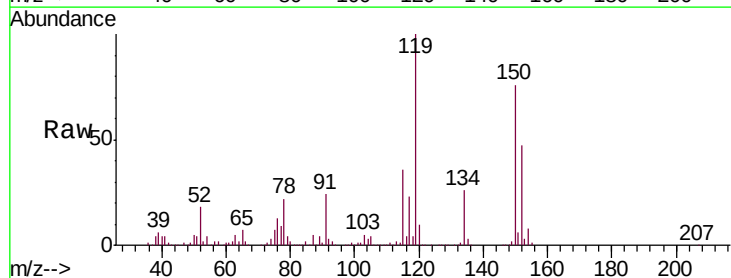
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

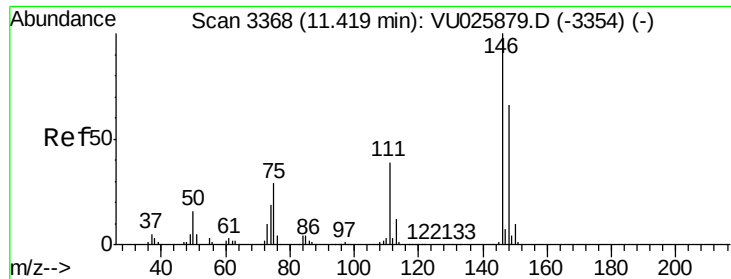
Tgt Ion:105 Resp: 265414
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 21.066 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

Tgt Ion:119 Resp: 239692
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 24.2 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 20.139 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBS01

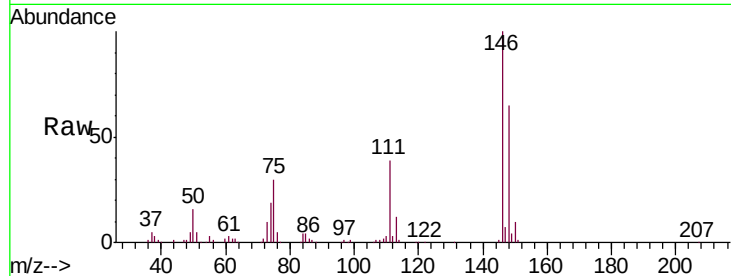
Tgt Ion:146 Resp: 127171

Ion Ratio Lower Upper

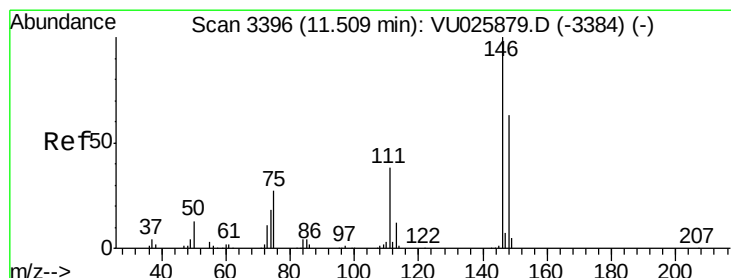
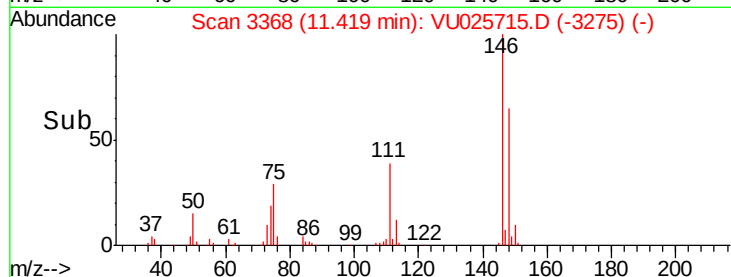
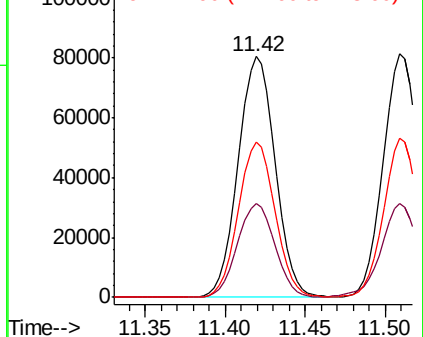
146 100

111 39.3 19.7 59.1

148 63.8 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 19.672 ug/l

RT: 11.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

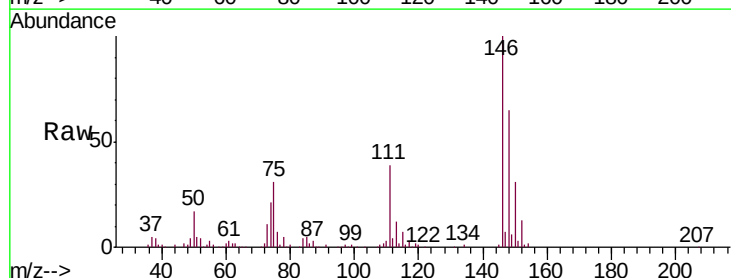
Tgt Ion:146 Resp: 129493

Ion Ratio Lower Upper

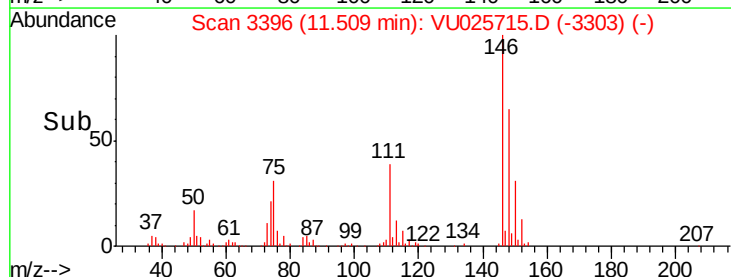
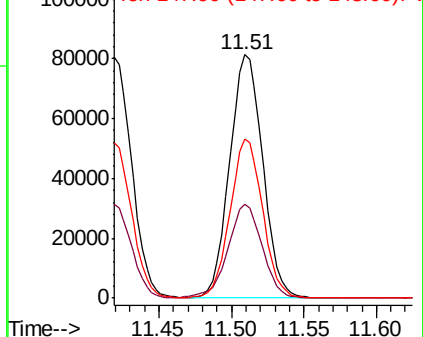
146 100

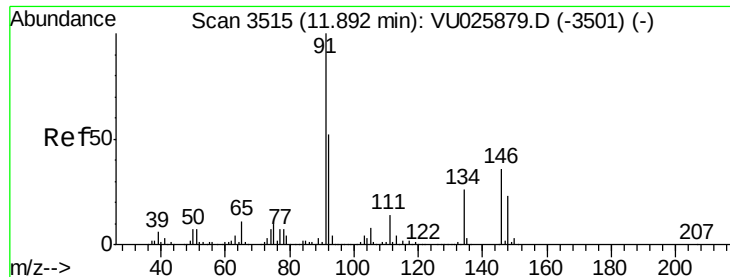
111 39.7 19.4 58.1

148 64.0 31.7 95.1



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





#89

n-Butylbenzene

Concen: 20.995 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025715.D

Acq: 30 Jul 2018 11:34

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBS01

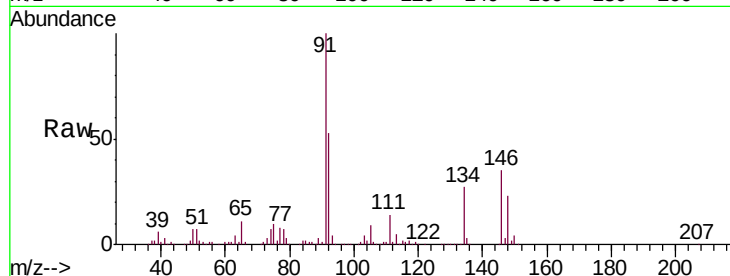
Tgt Ion: 91 Resp: 220437

Ion Ratio Lower Upper

91 100

92 51.9 26.5 79.5

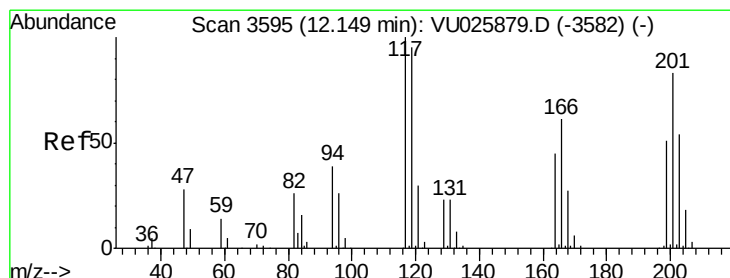
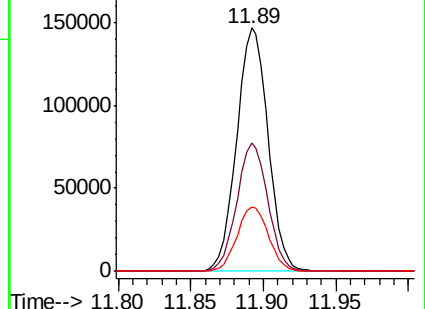
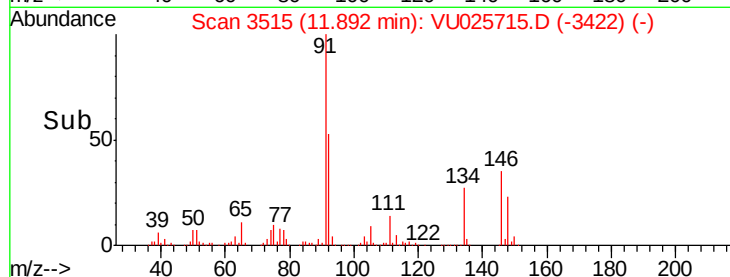
134 26.6 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VU025715.D (-3422) (-)

Ion 92.00 (91.70 to 92.70): VU025715.D (-3422) (-)

Ion 134.00 (133.70 to 134.70): VU025715.D (-3422) (-)



#90

Hexachloroethane

Concen: 19.456 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025715.D

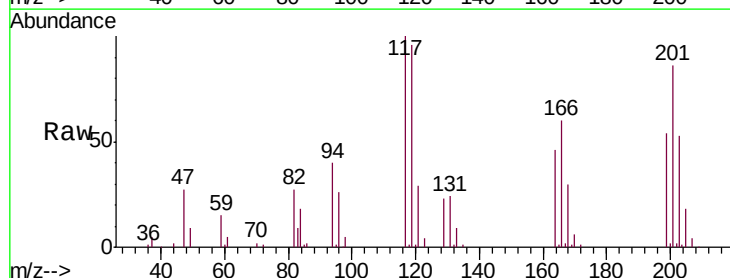
Acq: 30 Jul 2018 11:34

Tgt Ion: 117 Resp: 39359

Ion Ratio Lower Upper

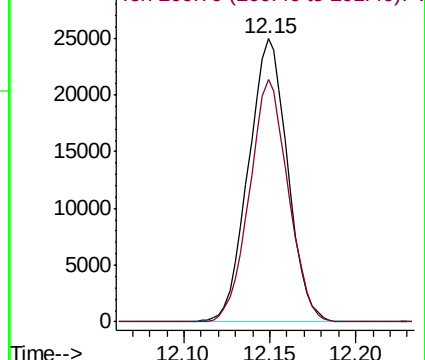
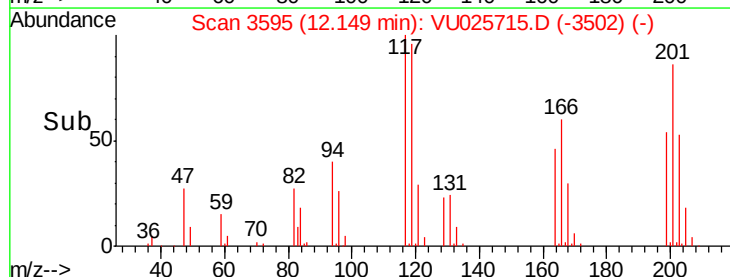
117 100

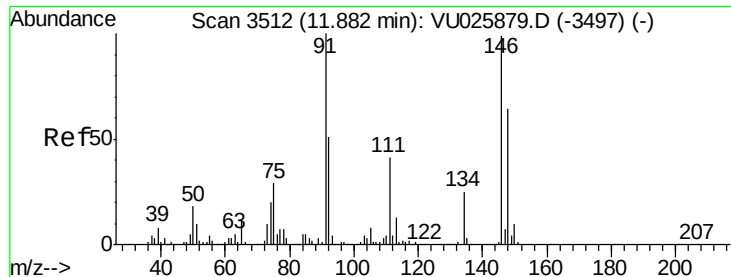
201 84.6 42.5 127.6



Abundance Ion 116.80 (116.50 to 117.50): VU025715.D (-3502) (-)

Ion 200.70 (200.40 to 201.40): VU025715.D (-3502) (-)

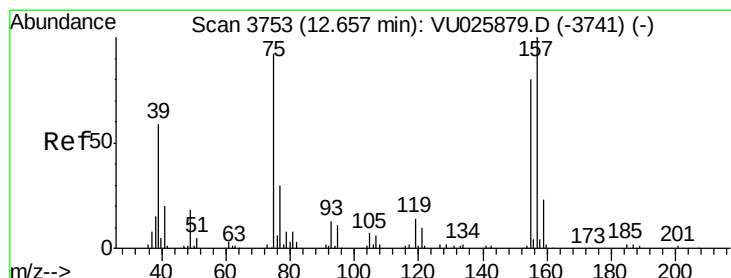
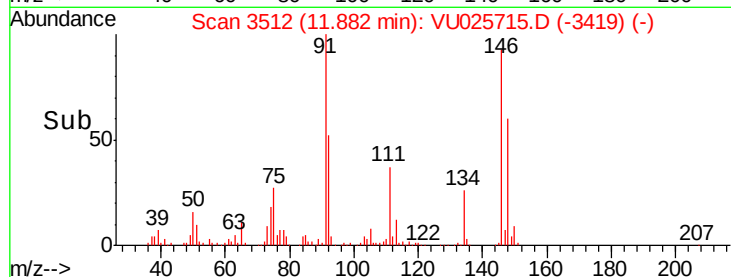
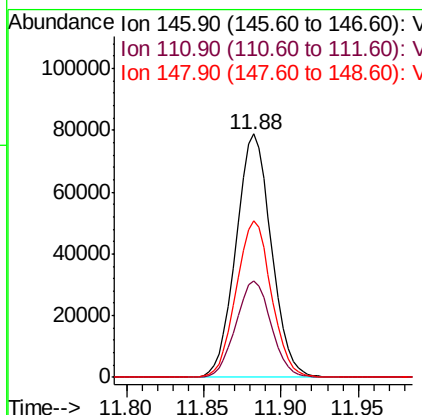
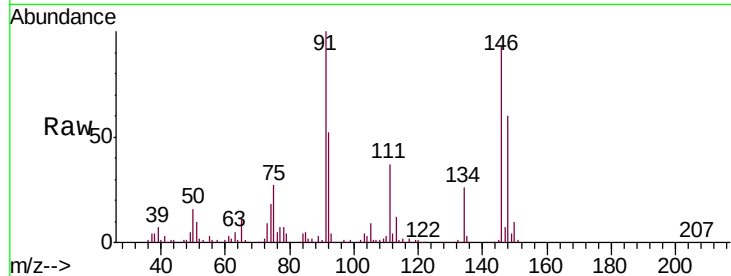




#91
 1,2-Dichlorobenzene
 Concen: 20.183 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

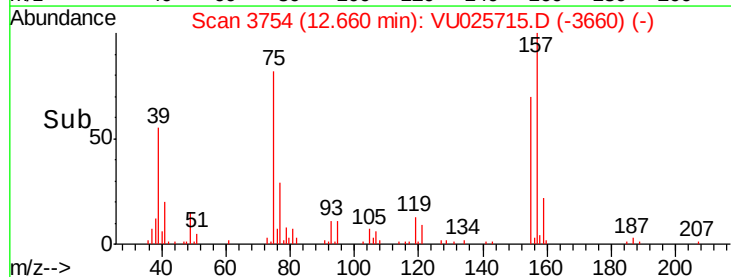
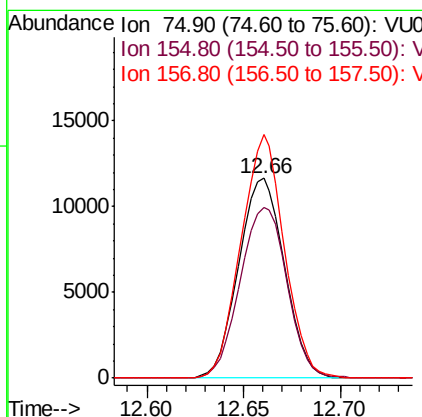
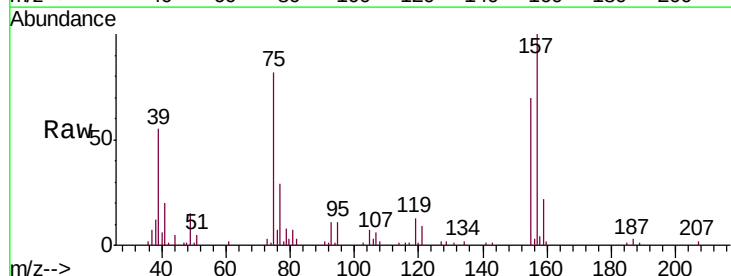
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

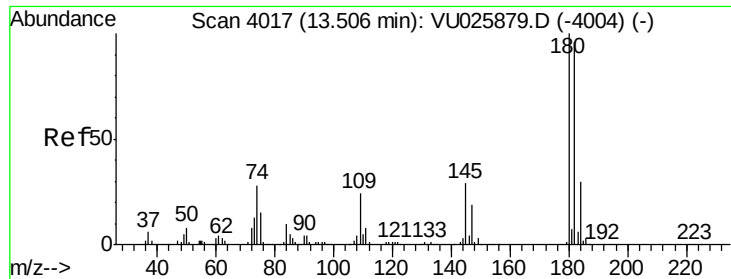
Tgt Ion:146 Resp: 124929
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.6 61.8
 148 64.2 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.009 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

Tgt Ion: 75 Resp: 19222
 Ion Ratio Lower Upper
 75 100
 155 87.5 44.5 133.3
 157 114.9 57.0 170.8

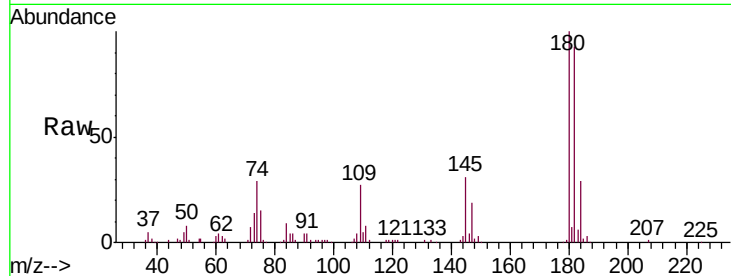




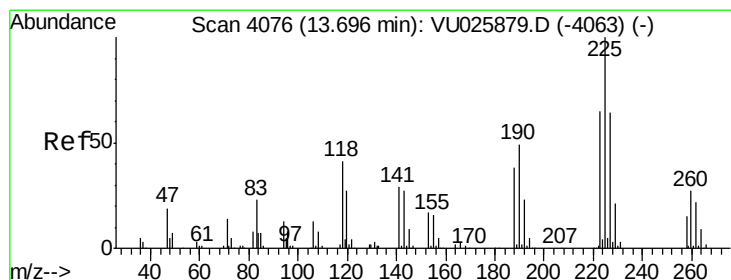
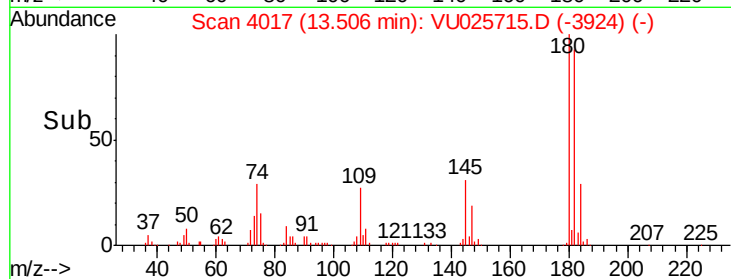
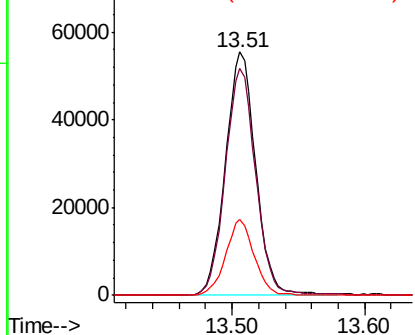
#93
 1,2,4-Trichlorobenzene
 Concen: 21.045 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

Tgt Ion:180 Resp: 87917
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.3 141.9
 145 29.4 14.9 44.7

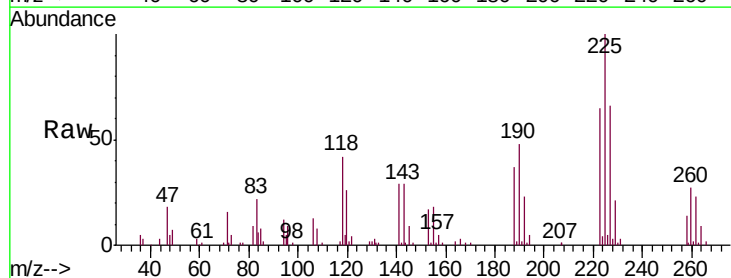


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

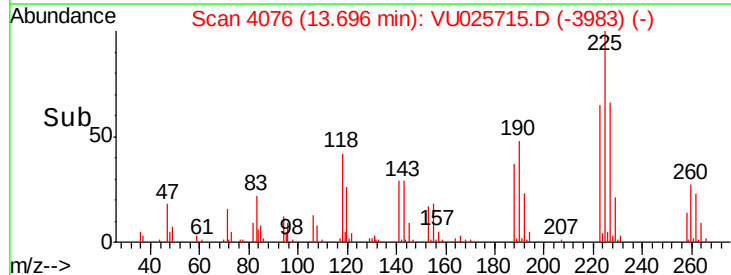
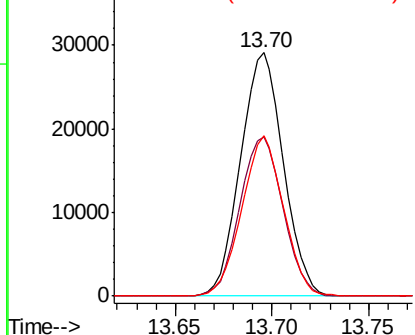


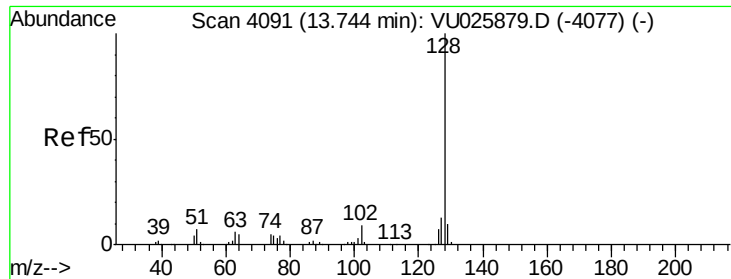
#94
 Hexachlorobutadiene
 Concen: 20.369 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025715.D
 Acq: 30 Jul 2018 11:34

Tgt Ion:225 Resp: 44855
 Ion Ratio Lower Upper
 225 100
 223 66.0 31.9 95.7
 227 63.8 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

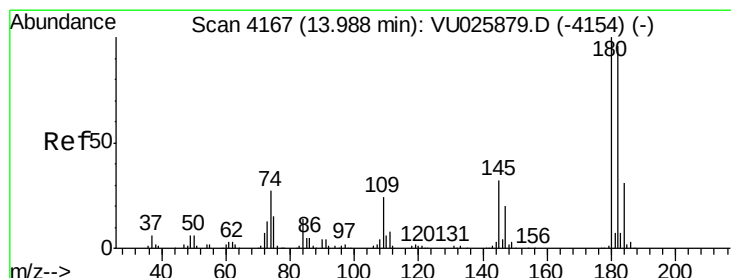
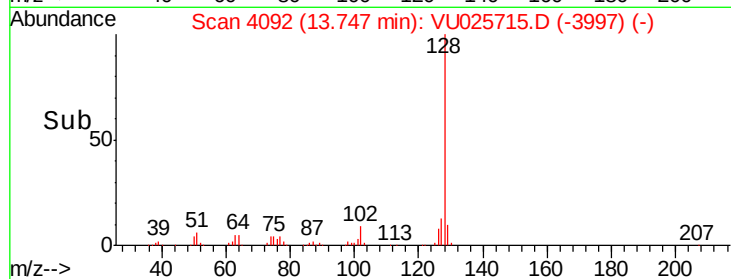
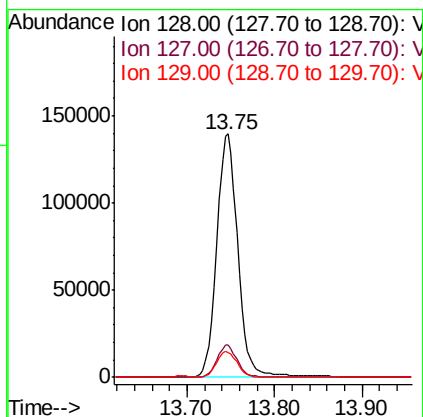
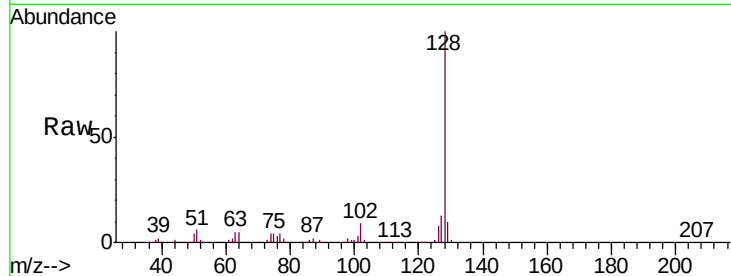




#95
Naphthalene
Concen: 18.296 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025715.D
Acq: 30 Jul 2018 11:34

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

Tgt Ion:128 Resp: 234598
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.6 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 20.254 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025715.D
Acq: 30 Jul 2018 11:34

Tgt Ion:180 Resp: 84405
Ion Ratio Lower Upper
180 100
182 96.9 47.8 143.3
145 32.3 15.6 46.8

