

Data File : VU025909.D
Acq On : 07 Aug 2018 01:07
Operator : MD/SY
Sample : VN0806WBS02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS02

Quant Time: Aug 07 04:38:26 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	163671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	252757	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	243098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151733	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	134276	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	4.89	113	109696	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	7.57	98	383626	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	10.31	95	147284	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	39497	15.967	ug/l	100
3) Chloromethane	1.33	50	39633	16.762	ug/l	97
4) Vinyl Chloride	1.40	62	41578	18.686	ug/l	99
5) Bromomethane	1.63	94	23189	21.338	ug/l	98
6) Chloroethane	1.70	64	25937	19.935	ug/l	99
7) Trichlorofluoromethane	1.89	101	64356	20.004	ug/l	99
8) Diethyl Ether	2.10	74	22926	19.696	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	36526	19.619	ug/l	99
10) Methyl Iodide	2.41	142	21187	18.699	ug/l	97
11) Tert butyl alcohol	2.83	59	60546	108.441	ug/l	98
12) 1,1-Dichloroethene	2.28	96	35109	19.978	ug/l	94
13) Acrolein	2.19	56	32580	160.398	ug/l	99
14) Allyl chloride	2.59	41	61043	19.329	ug/l	99
15) Acrylonitrile	2.94	53	123491	110.779	ug/l	99
16) Acetone	2.32	43	141973	114.189	ug/l	98
17) Carbon Disulfide	2.48	76	111942	19.682	ug/l	98
18) Methyl Acetate	2.62	43	57135	19.093	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	134682	21.149	ug/l	98
20) Methylene Chloride	2.70	84	44483	20.188	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	41344	20.352	ug/l	98
22) Diisopropyl ether	3.58	45	135296	21.740	ug/l	94
23) Vinyl Acetate	3.53	43	585718	107.996	ug/l	99
24) 1,1-Dichloroethane	3.45	63	79200	21.201	ug/l	99
25) 2-Butanone	4.27	43	221502	130.873	ug/l	100
26) 2,2-Dichloropropane	4.23	77	50855	14.977	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	46924	20.488	ug/l	97
28) Bromochloromethane	4.55	49	36236	21.694	ug/l	100
29) Tetrahydrofuran	4.64	42	112769	111.213	ug/l	98
30) Chloroform	4.68	83	82582	20.943	ug/l	100
31) Cyclohexane	5.00	56	68515	20.280	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	74655	21.028	ug/l	97
36) 1,1-Dichloropropene	5.14	75	60351	20.431	ug/l	99
37) Ethyl Acetate	4.38	43	67654	22.088	ug/l	99
38) Carbon Tetrachloride	5.14	117	67784	20.260	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	66611	19.681	ug/l	98
40) Benzene	5.39	78	170834	19.785	ug/l	98
41) Methacrylonitrile	4.55	41	34773	20.440	ug/l	97
42) 1,2-Dichloroethane	5.41	62	67931	20.432	ug/l	99
43) Isopropyl Acetate	5.55	43	105647	20.873	ug/l	100
44) Trichloroethene	6.19	130	49108	20.423	ug/l	99
45) 1,2-Dichloropropane	6.44	63	45398	20.160	ug/l	98
46) Dibromomethane	6.56	93	32945	20.191	ug/l	100
47) Bromodichloromethane	6.76	83	63152	20.290	ug/l	98
48) Methyl methacrylate	6.63	41	51688	20.837	ug/l	98
49) 1,4-Dioxane	6.62	88	25125	416.215	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	420851	132.814	ug/l	99
52) Toluene	7.64	92	107806	20.098	ug/l	95
53) t-1,3-Dichloropropene	7.88	75	68419	19.578	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	69691	19.414	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	45351	20.344	ug/l	97
56) Ethyl methacrylate	8.02	69	64840	20.358	ug/l	99
57) 1,3-Dichloropropane	8.25	76	77049	20.553	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	121179	88.715	ug/l	100
59) 2-Hexanone	8.36	43	320857	129.175	ug/l	99
60) Dibromochloromethane	8.48	129	52977	20.153	ug/l	100
61) 1,2-Dibromoethane	8.59	107	51118	20.619	ug/l	98
64) Tetrachloroethene	8.23	164	45701	21.358	ug/l	93
65) Chlorobenzene	9.12	112	128014	20.425	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	46856	20.666	ug/l	99
67) Ethyl Benzene	9.25	91	211620	20.383	ug/l	100
68) m/p-Xylenes	9.38	106	167671	42.067	ug/l	99
69) o-Xylene	9.78	106	79759	20.475	ug/l	99
70) Styrene	9.80	104	129266	20.544	ug/l	99
71) Bromoform	9.96	173	39698	20.192	ug/l #	97
73) Isopropylbenzene	10.17	105	216922	20.946	ug/l	99
74) N-amyl acetate	10.02	43	89078	21.070	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	73928	20.643	ug/l	97
76) 1,2,3-Trichloropropane	10.50	75	82452	24.663	ug/l	85
77) Bromobenzene	10.45	156	57482	20.123	ug/l	98
78) n-propylbenzene	10.59	91	248607	20.568	ug/l	99
79) 2-Chlorotoluene	10.66	91	150707	21.287	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	184210	20.944	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	82452	61.842	ug/l #	100
82) 4-Chlorotoluene	10.78	91	175735	21.058	ug/l	100
83) tert-Butylbenzene	11.10	119	174299	19.946	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	187295	21.014	ug/l	99
85) sec-Butylbenzene	11.33	105	213731	20.033	ug/l	100
86) p-Isopropyltoluene	11.48	119	192662	20.167	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	106843	20.151	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	106776	19.319	ug/l	96
89) n-Butylbenzene	11.89	91	166313	18.865	ug/l	99
90) Hexachloroethane	12.15	117	32477	19.120	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	105975	20.391	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	18044	21.253	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
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	67690	19.298	ug/l	99
94) Hexachlorobutadiene	13.70	225	31697	17.143	ug/l	95
95) Naphthalene	13.75	128	198066	18.391	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	67890	19.402	ug/l	97

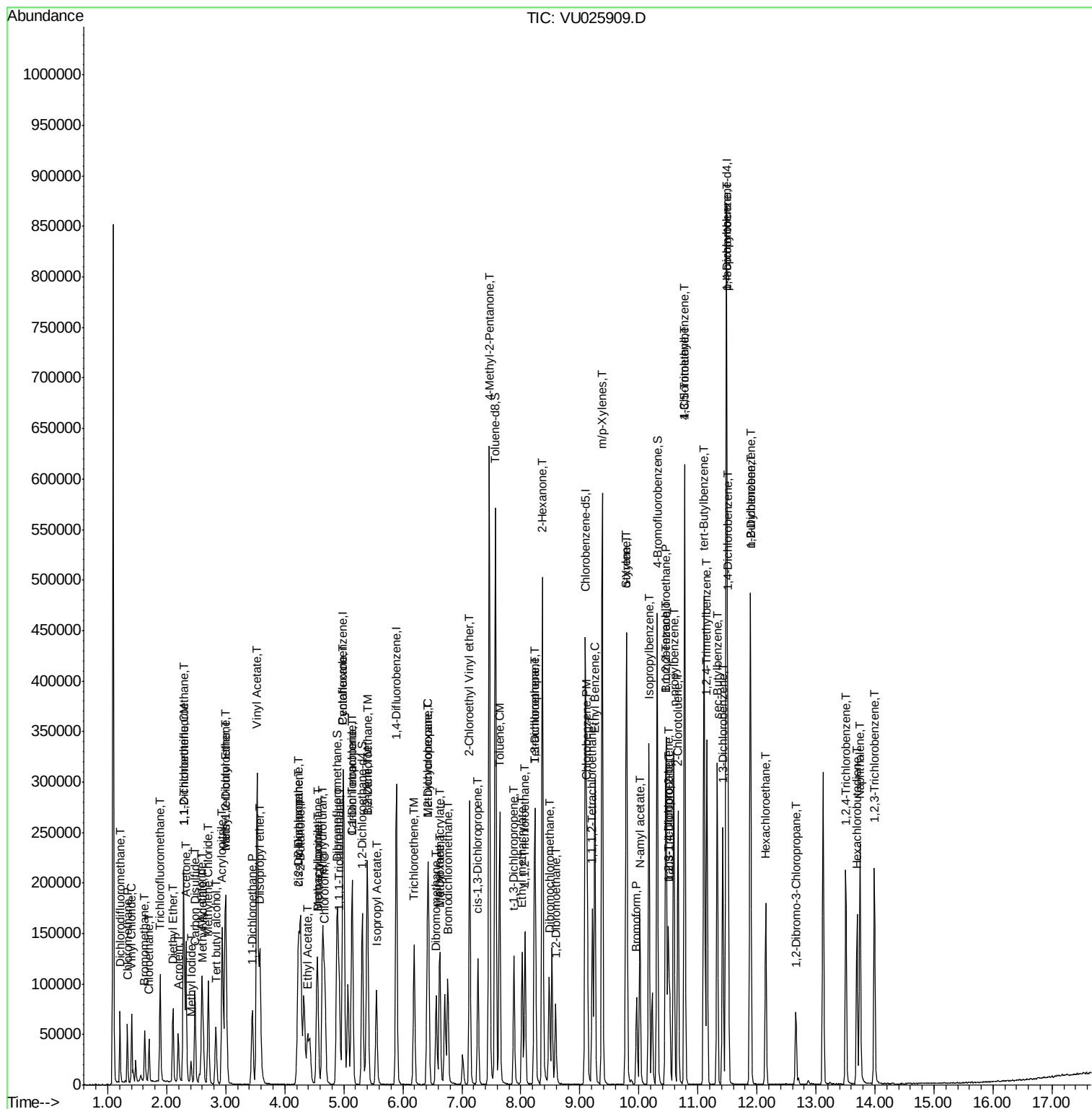
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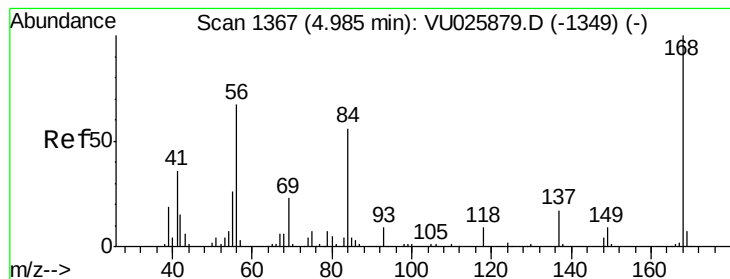
Data File : VU025909.D

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Instrument :
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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: VU025909.D

Acq: 07 Aug 2018 01:07

Instrument :

MSVOA_U

ClientSampleId :

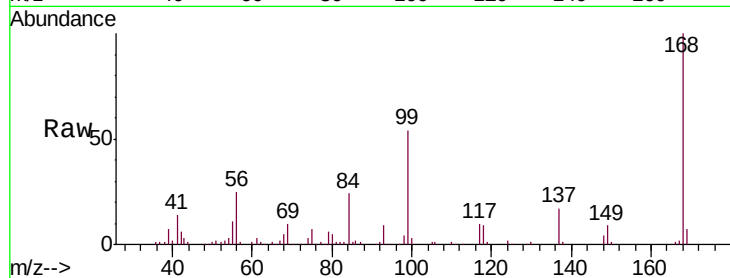
VU0806WBS02

Tgt Ion:168 Resp: 163671

Ion Ratio Lower Upper

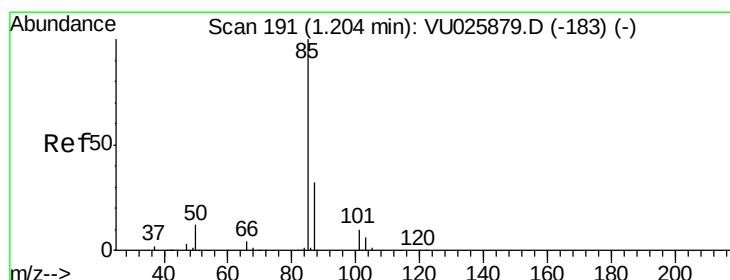
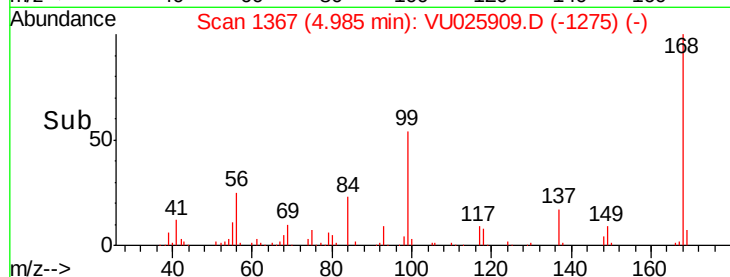
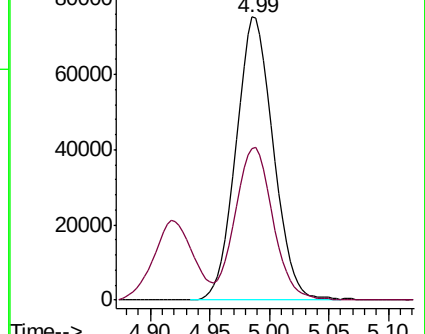
168 100

99 53.4 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) (-)



#2

Dichlorodifluoromethane

Concen: 15.967 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025909.D

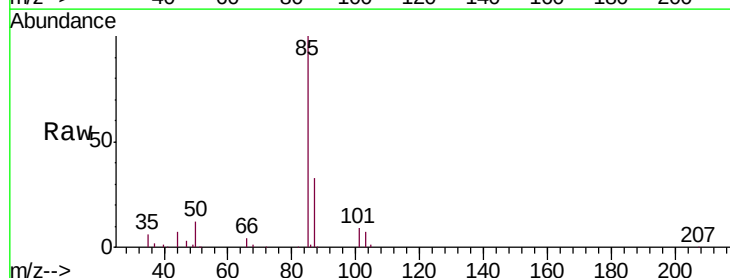
Acq: 07 Aug 2018 01:07

Tgt Ion: 85 Resp: 39497

Ion Ratio Lower Upper

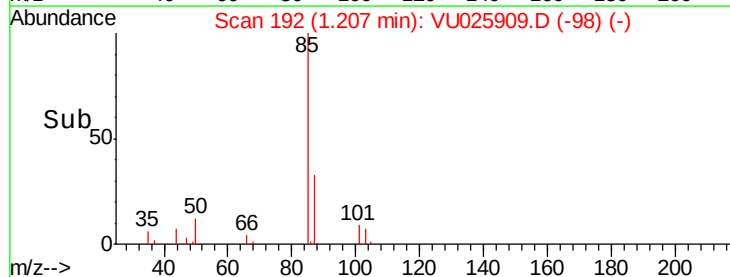
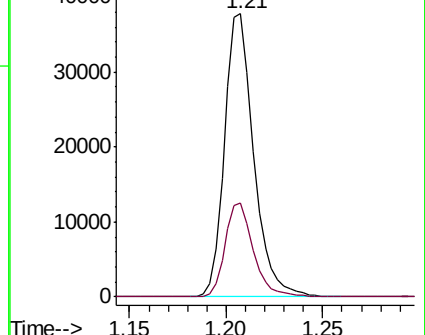
85 100

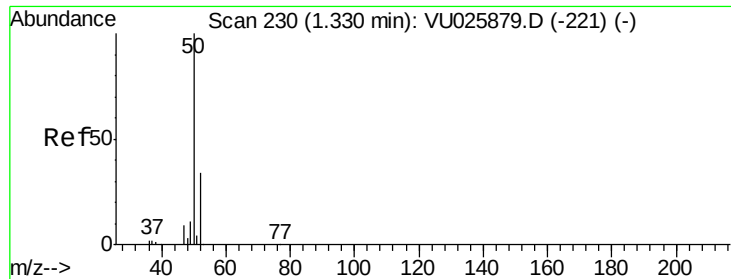
87 33.1 16.5 49.5



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

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





#3

Chloromethane

Concen: 16.762 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Instrument :

MSVOA_U

ClientSampleId :

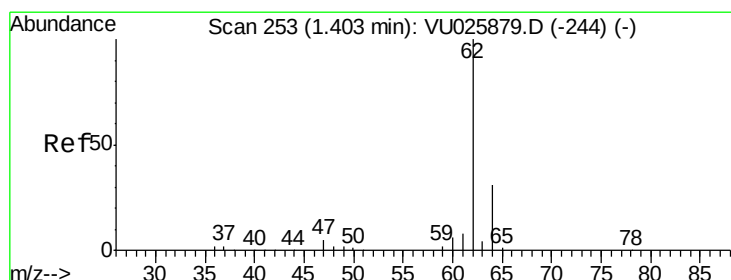
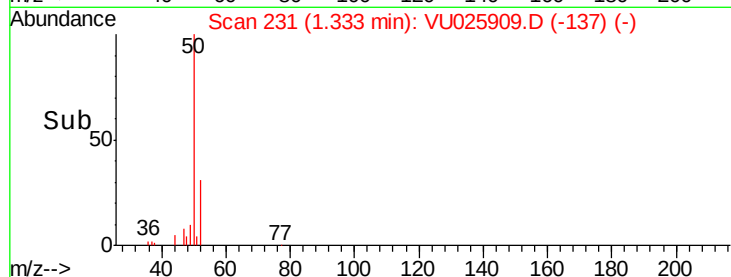
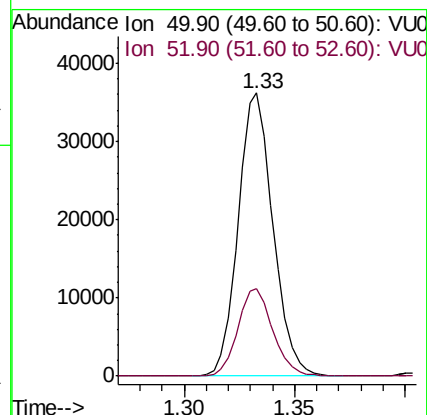
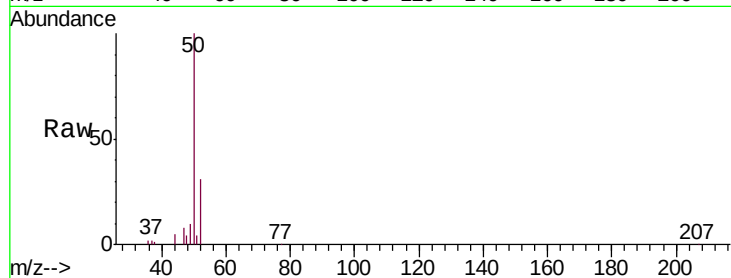
VU0806WBS02

Tgt Ion: 50 Resp: 39633

Ion Ratio Lower Upper

50 100

52 31.1 26.5 39.7



#4

Vinyl Chloride

Concen: 18.686 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025909.D

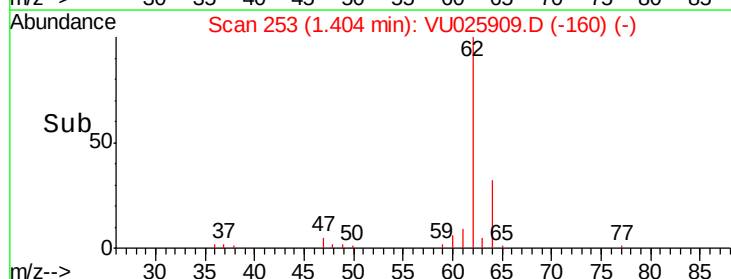
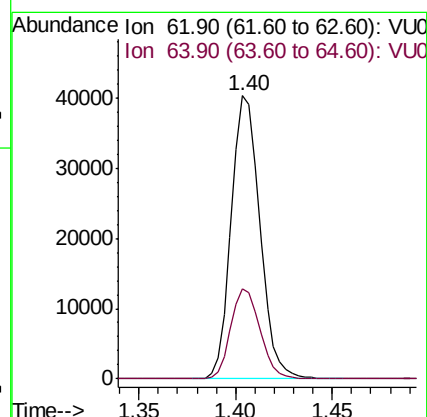
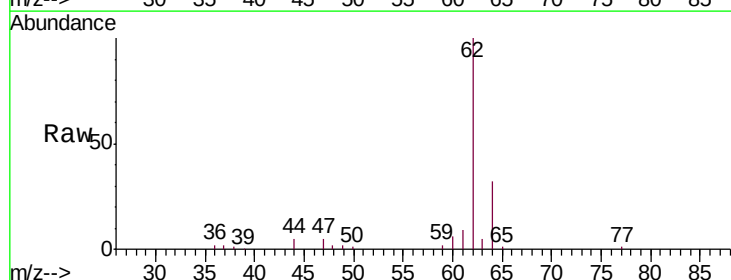
Acq: 07 Aug 2018 01:07

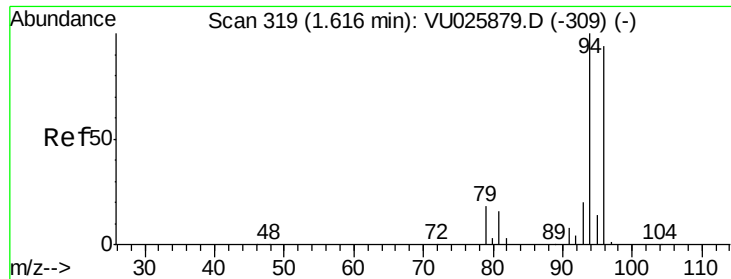
Tgt Ion: 62 Resp: 41578

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 21.338 ug/l

RT: 1.63 min Scan# 322

Delta R.T. 0.01 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Instrument :

MSVOA_U

ClientSampleId :

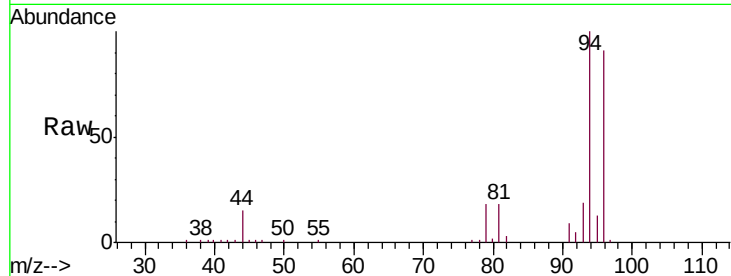
VU0806WBS02

Tgt Ion: 94 Resp: 23189

Ion Ratio Lower Upper

94 100

96 91.4 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU025909.D (-227) (-)

Ion 95.90 (95.60 to 96.60): VU025909.D (-227) (-)

1.63

20000

15000

10000

5000

0

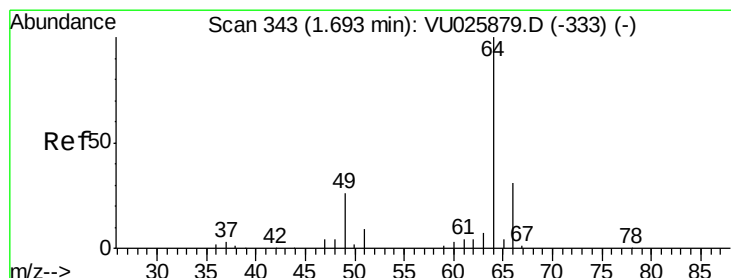
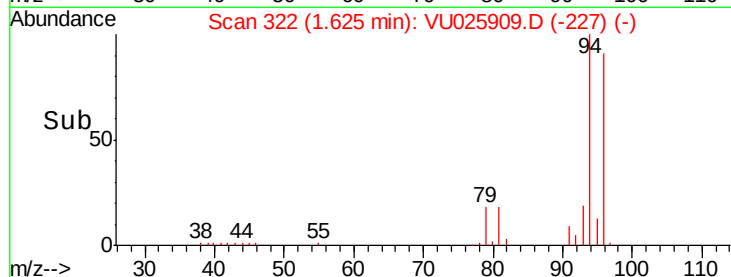
Time-->

1.55

1.60

1.65

1.70



#6

Chloroethane

Concen: 19.935 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.01 min

Lab File: VU025909.D

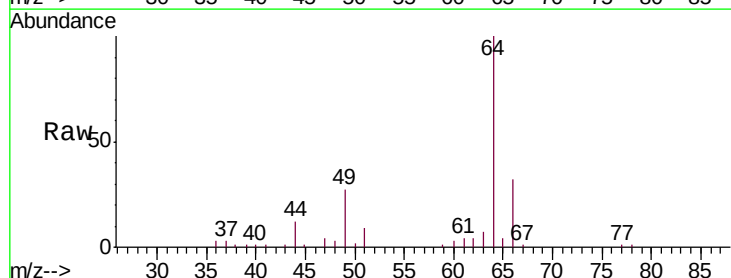
Acq: 07 Aug 2018 01:07

Tgt Ion: 64 Resp: 25937

Ion Ratio Lower Upper

64 100

66 31.8 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU025909.D (-250) (-)

Ion 65.90 (65.60 to 66.60): VU025909.D (-250) (-)

1.70

20000

15000

10000

5000

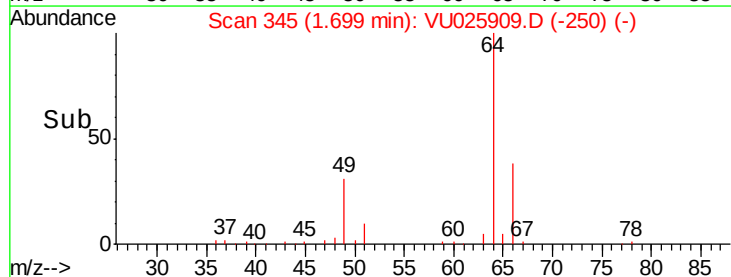
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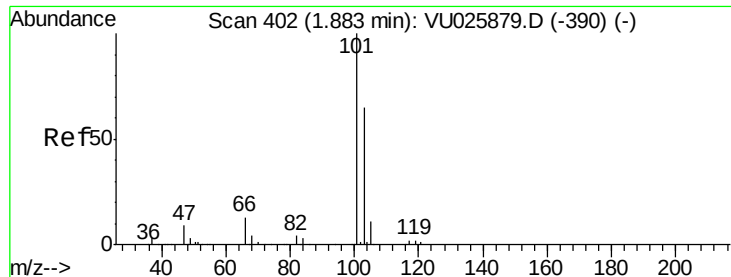
Time-->

1.65

1.70

1.75



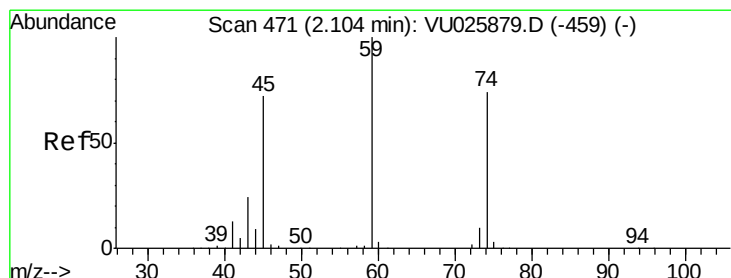
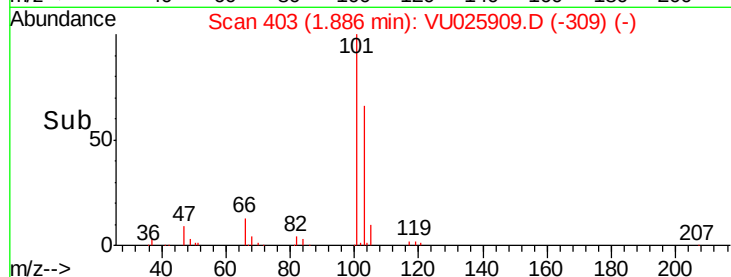
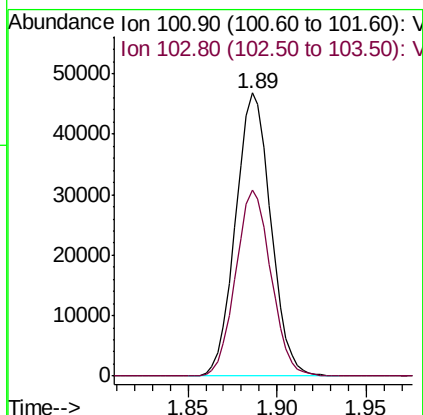
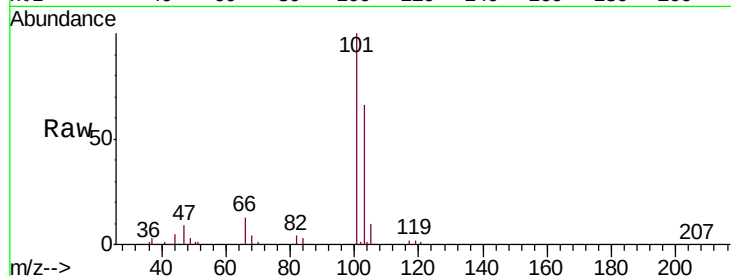


#7

Trichlorofluoromethane
Concen: 20.004 ug/l
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU025909.D
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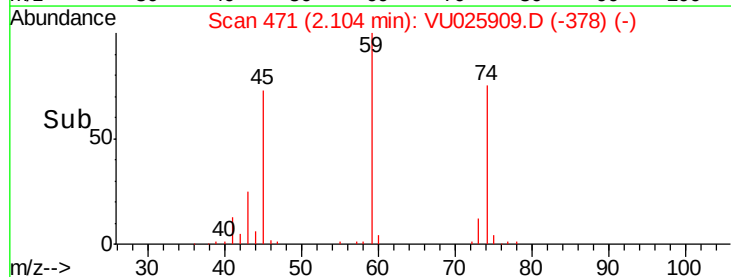
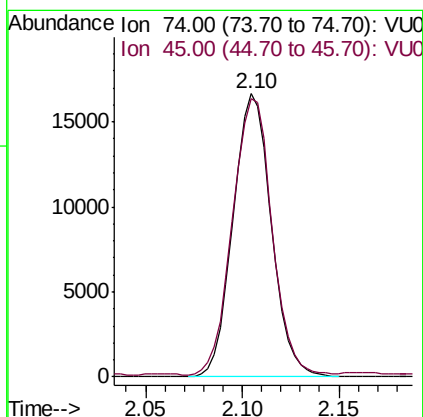
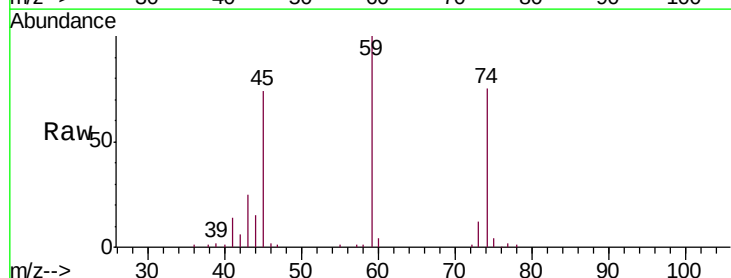
Tgt Ion:101 Resp: 64356
Ion Ratio Lower Upper
101 100
103 65.9 52.2 78.2

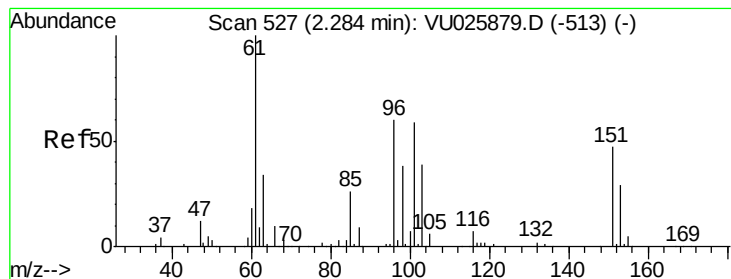


#8

Diethyl Ether
Concen: 19.696 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

Tgt Ion: 74 Resp: 22926
Ion Ratio Lower Upper
74 100
45 100.3 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.619 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS02

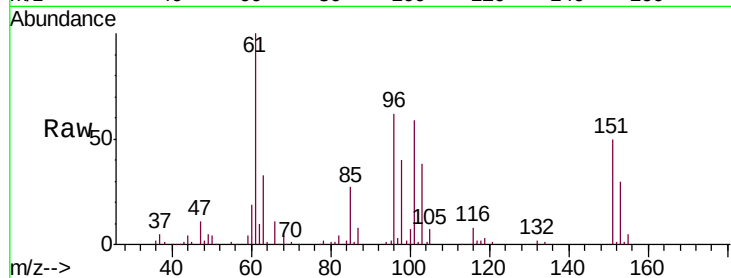
Tgt Ion:101 Resp: 36526

Ion Ratio Lower Upper

101 100

85 44.3 36.0 54.0

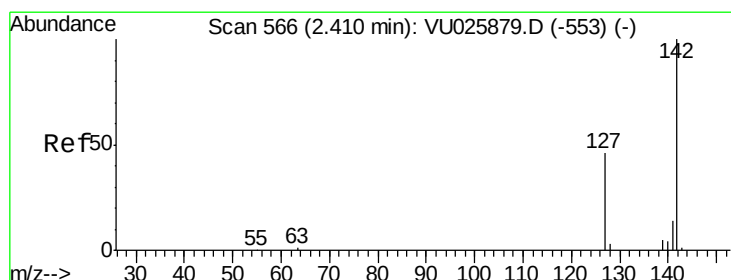
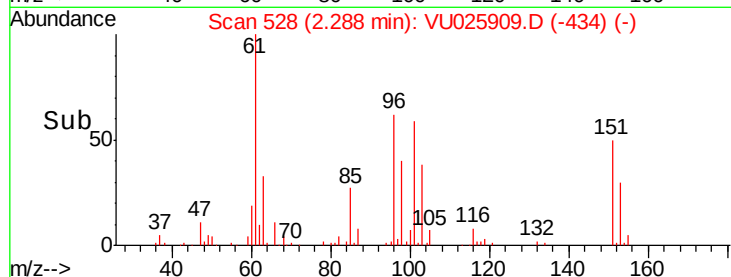
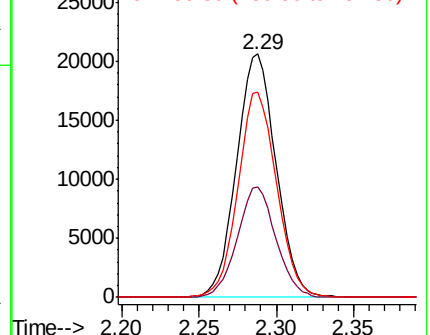
151 82.7 65.6 98.4



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: 18.699 ug/l

RT: 2.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

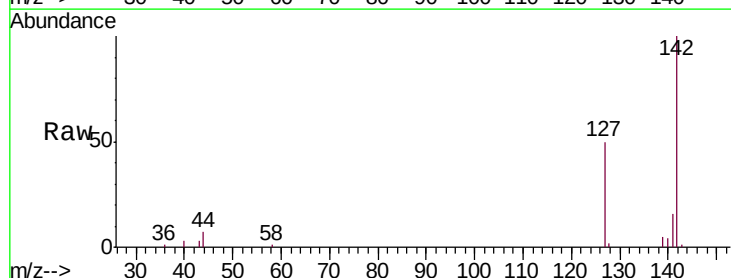
Tgt Ion:142 Resp: 21187

Ion Ratio Lower Upper

142 100

127 47.8 36.5 54.7

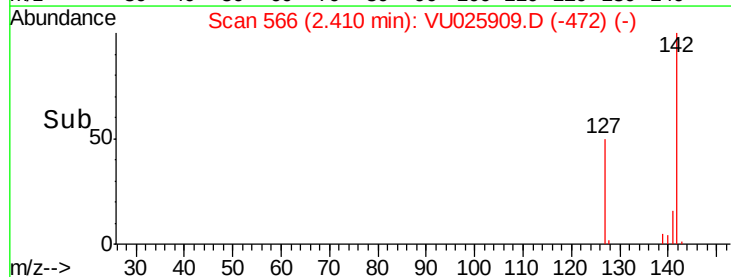
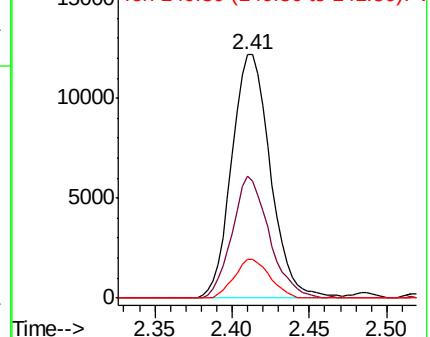
141 14.6 11.4 17.2

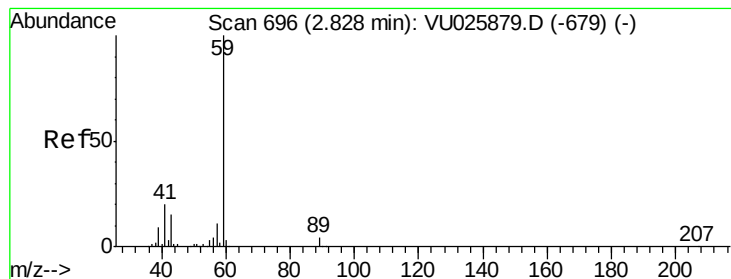


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



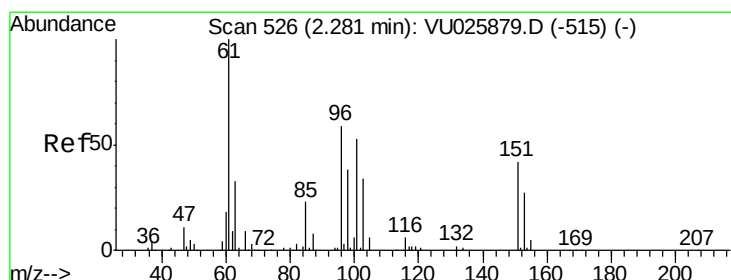
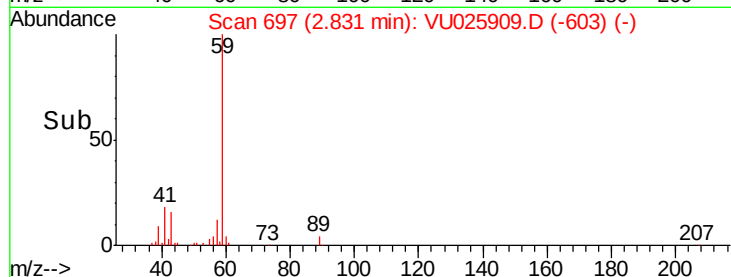
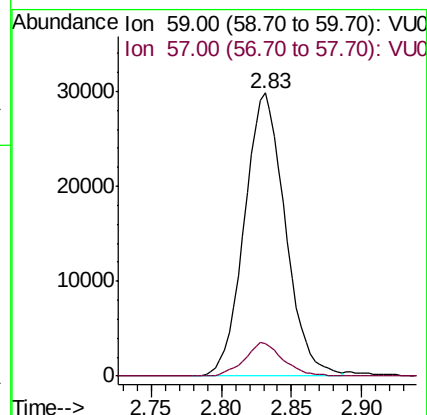
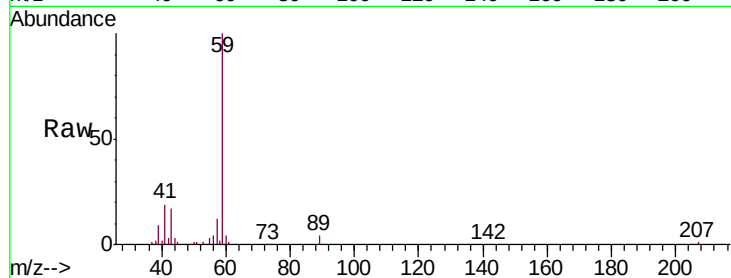


#11

Tert butyl alcohol
 Concen: 108.441 ug/l
 RT: 2.83 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS02

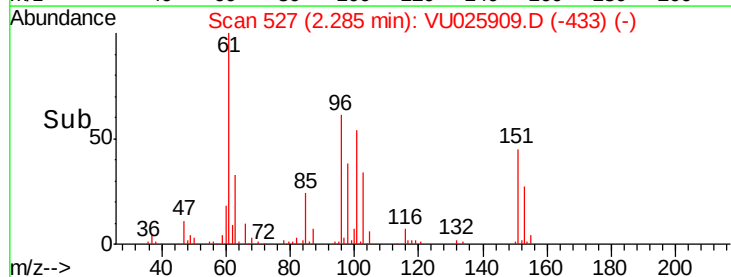
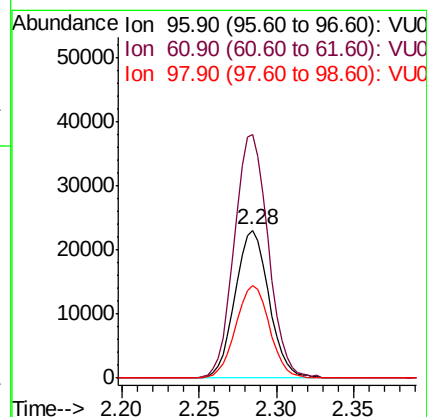
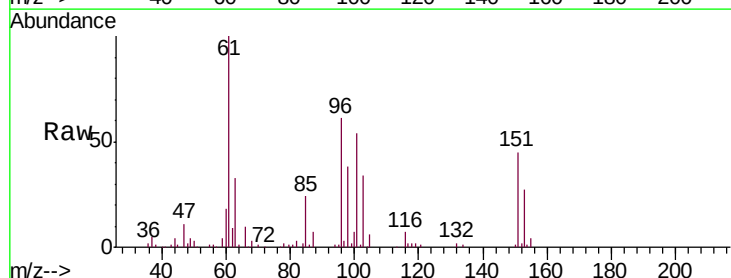
Tgt Ion: 59 Resp: 60546
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.2 12.2

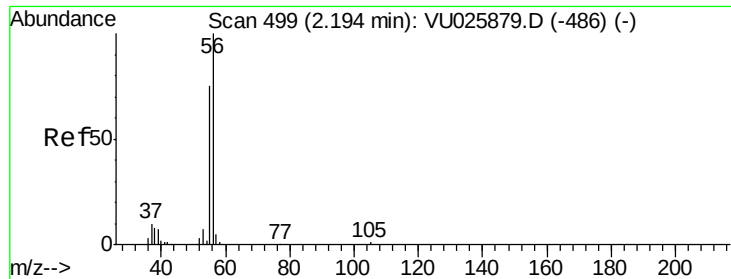


#12

1,1-Dichloroethene
 Concen: 19.978 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

Tgt Ion: 96 Resp: 35109
 Ion Ratio Lower Upper
 96 100
 61 164.6 140.2 210.4
 98 62.9 49.3 73.9

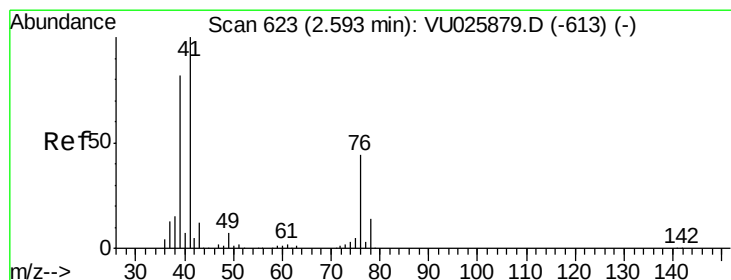
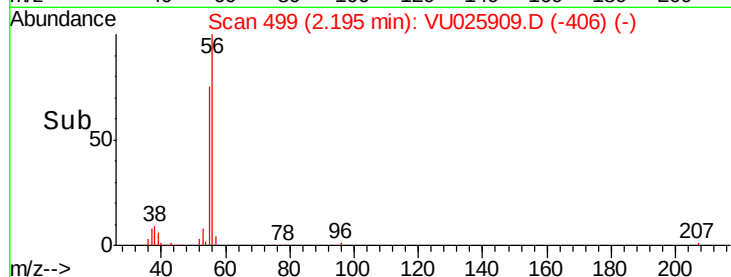
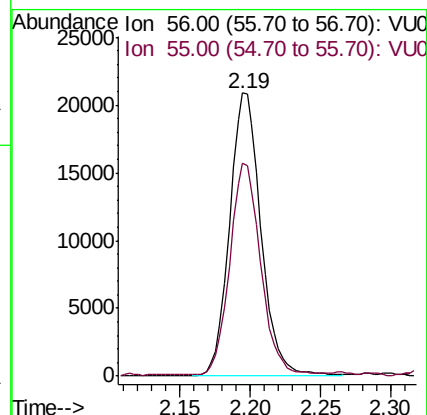
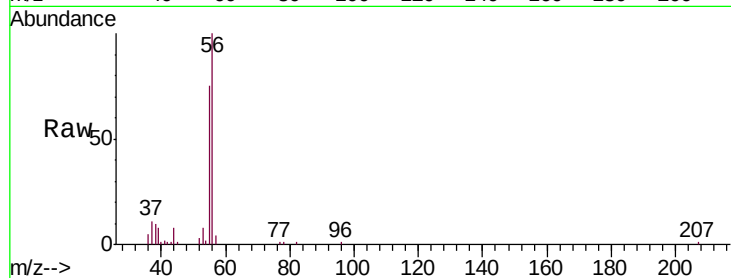




#13
 Acrolein
 Concen: 160.398 ug/l
 RT: 2.19 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

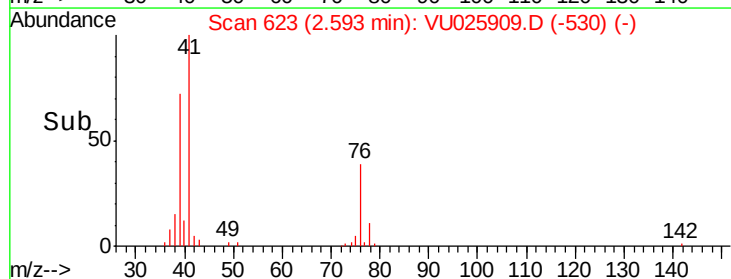
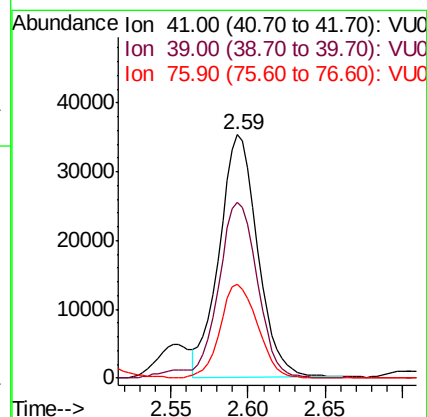
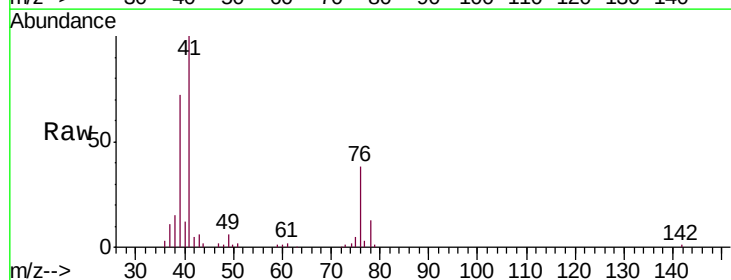
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS02

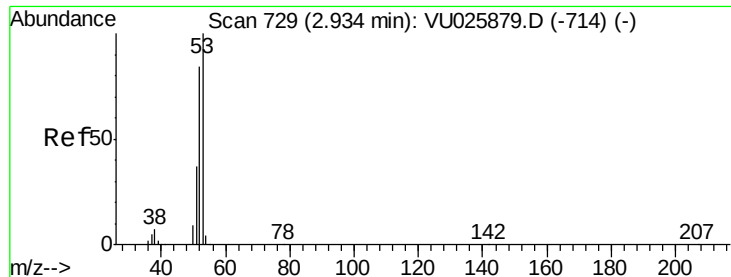
Tgt Ion: 56 Resp: 32580
 Ion Ratio Lower Upper
 56 100
 55 72.7 57.2 85.8



#14
 Allyl chloride
 Concen: 19.329 ug/l
 RT: 2.59 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

Tgt Ion: 41 Resp: 61043
 Ion Ratio Lower Upper
 41 100
 39 75.0 60.6 91.0
 76 37.6 30.5 45.7





#15

Acrylonitrile

Concen: 110.779 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS02

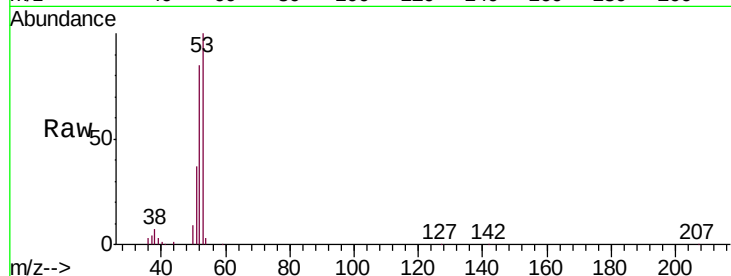
Tgt Ion: 53 Resp: 123491

Ion Ratio Lower Upper

53 100

52 83.0 66.6 99.8

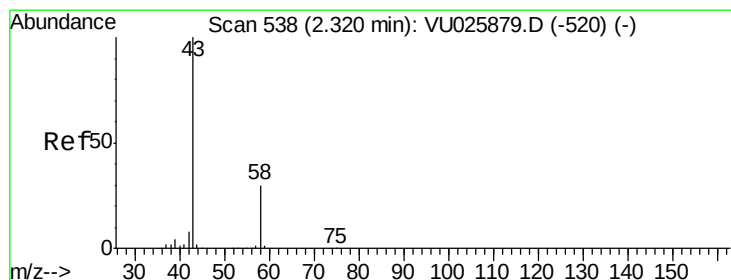
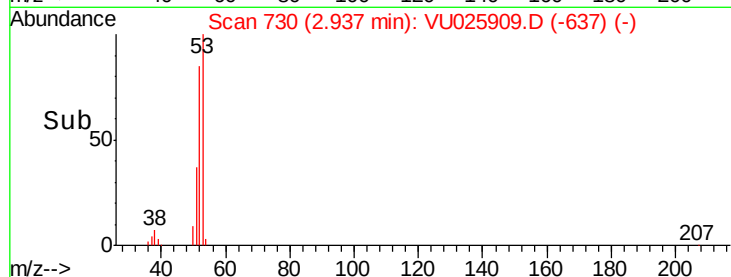
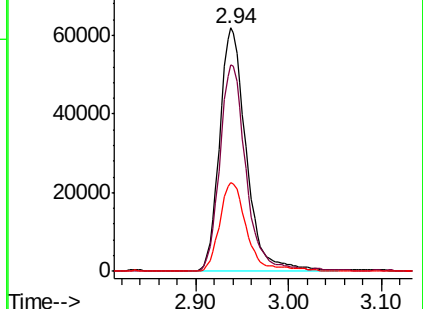
51 37.6 29.4 44.2



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: 114.189 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025909.D

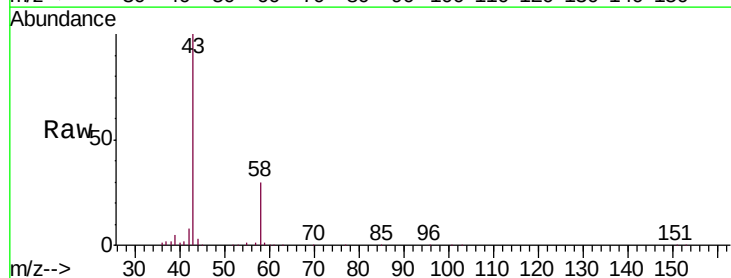
Acq: 07 Aug 2018 01:07

Tgt Ion: 43 Resp: 141973

Ion Ratio Lower Upper

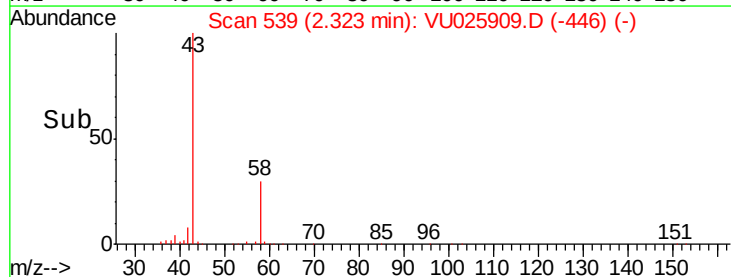
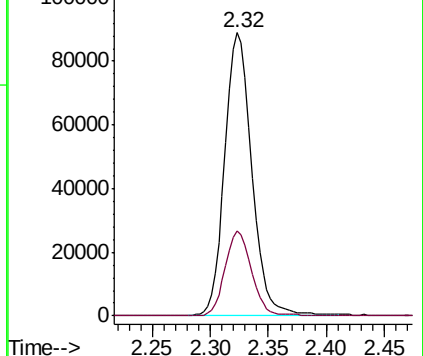
43 100

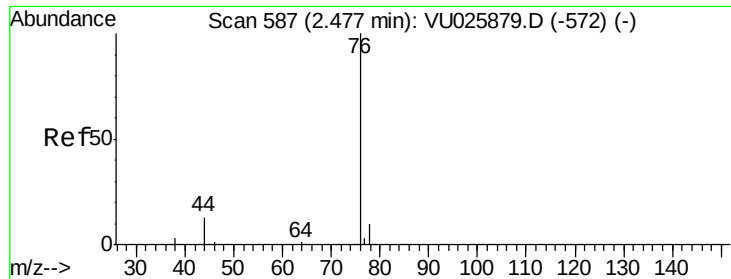
58 30.0 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

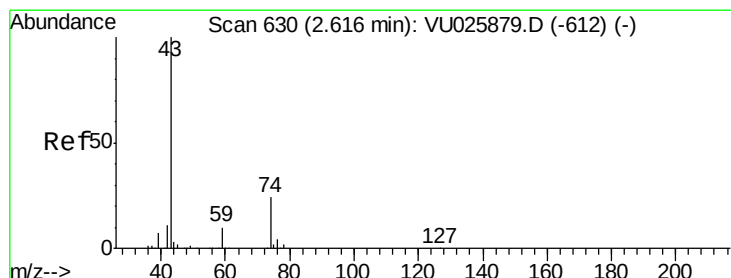
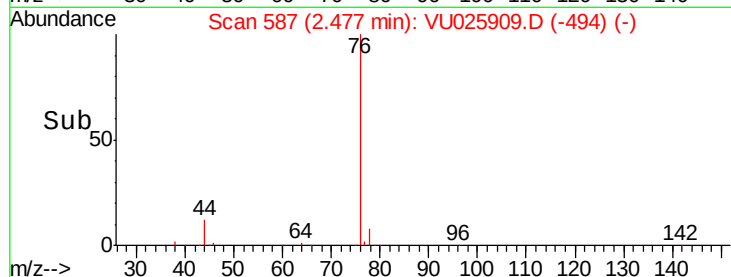
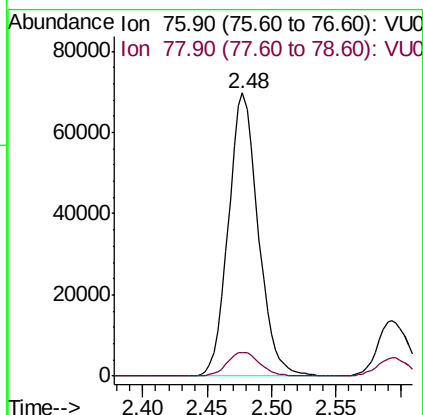
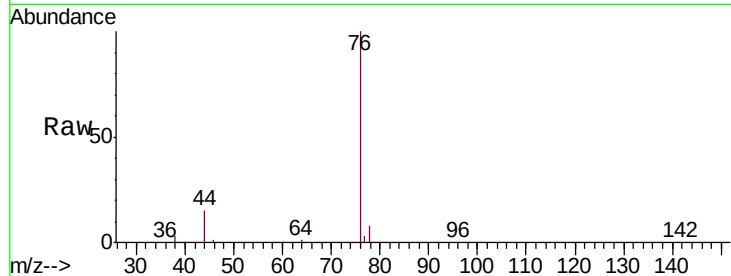




#17
Carbon Disulfide
Concen: 19.682 ug/l
RT: 2.48 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

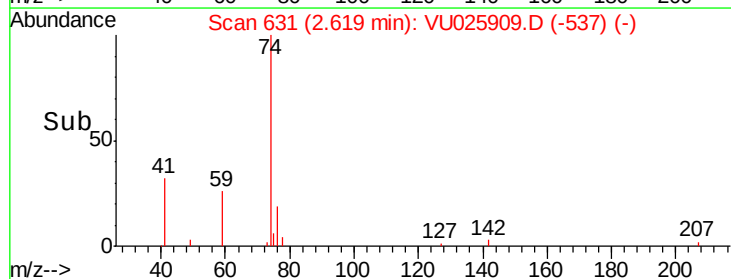
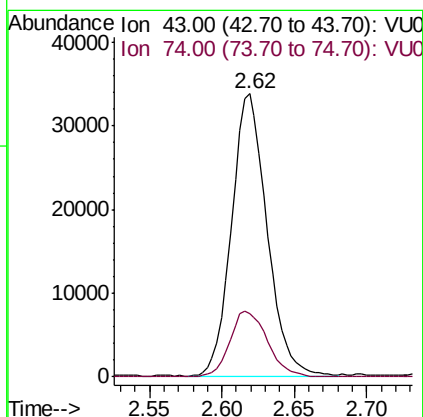
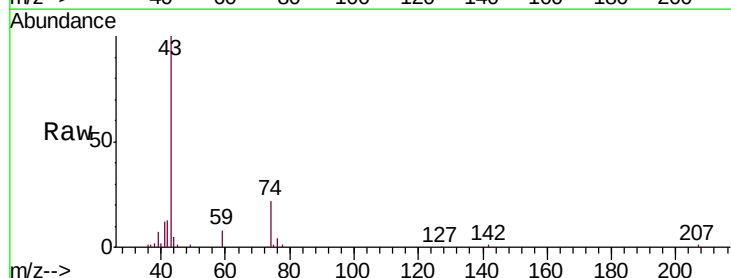
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS02

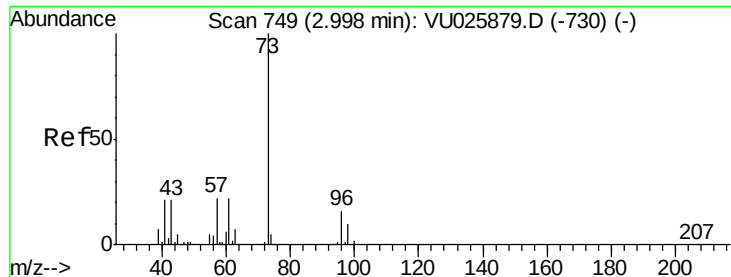
Tgt Ion: 76 Resp: 111942
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2



#18
Methyl Acetate
Concen: 19.093 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

Tgt Ion: 43 Resp: 57135
Ion Ratio Lower Upper
43 100
74 24.7 18.5 27.7





#19

Methyl tert-butyl Ether

Concen: 21.149 ug/l

RT: 3.00 min Scan# 751

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Instrument :

MSVOA_U

ClientSampleId :

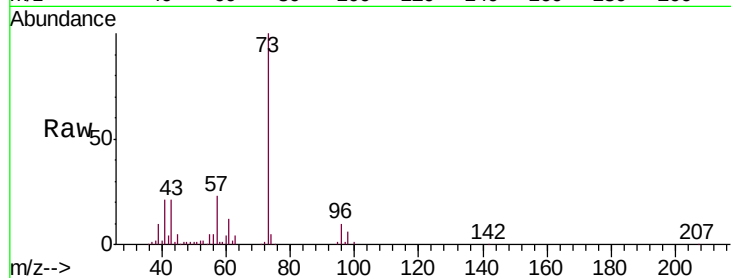
VU0806WBS02

Tgt Ion: 73 Resp: 134682

Ion Ratio Lower Upper

73 100

57 22.7 17.4 26.2



Abundance Ion 73.00 (72.70 to 73.70): VU025879.D (-730) (-)

Ion 57.00 (56.70 to 57.70): VU025879.D (-730) (-)

3.00

60000

40000

20000

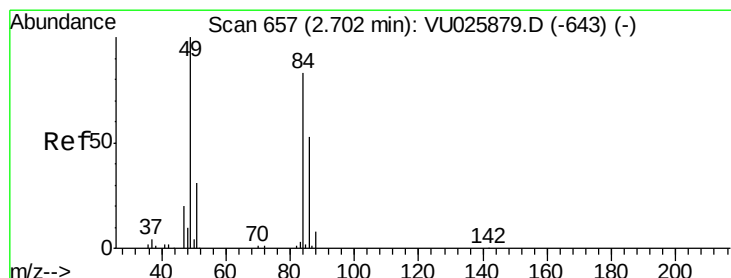
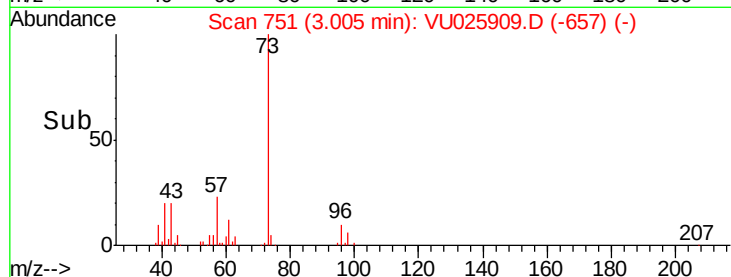
0

Time-->

2.90

3.00

3.10



#20

Methylene Chloride

Concen: 20.188 ug/l

RT: 2.70 min Scan# 657

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Tgt Ion: 84 Resp: 44483

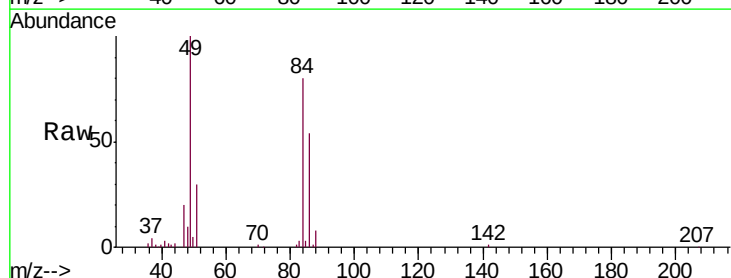
Ion Ratio Lower Upper

84 100

49 125.6 101.8 152.6

51 38.0 30.8 46.2

86 67.7 51.9 77.9



Abundance Ion 83.90 (83.60 to 84.60): VU025879.D (-643) (-)

Ion 48.90 (48.60 to 49.60): VU025879.D (-643) (-)

Ion 50.90 (50.60 to 51.60): VU025879.D (-643) (-)

Ion 85.90 (85.60 to 86.60): VU025879.D (-643) (-)

40000

30000

20000

10000

0

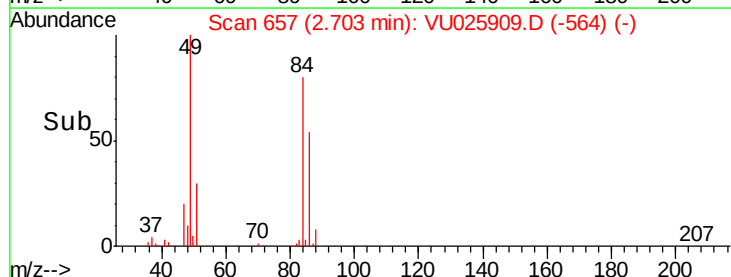
Time-->

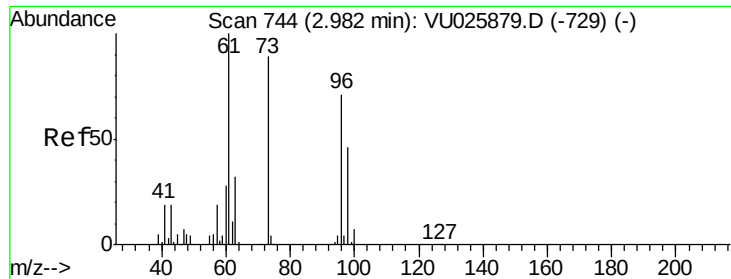
2.65

2.70

2.75

2.80





#21

trans-1,2-Dichloroethene

Concen: 20.352 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS02

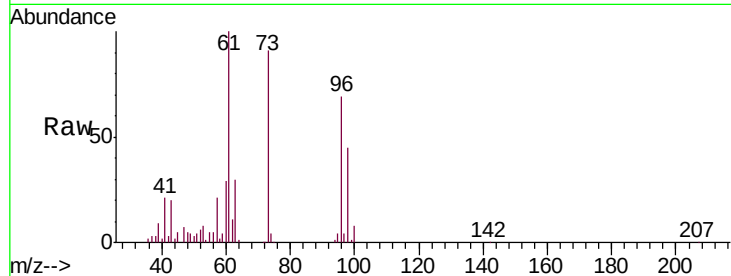
Tgt Ion: 96 Resp: 41344

Ion Ratio Lower Upper

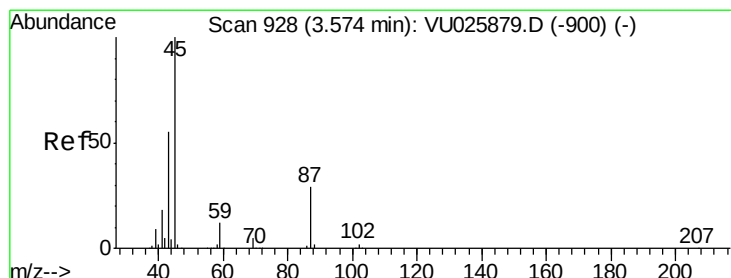
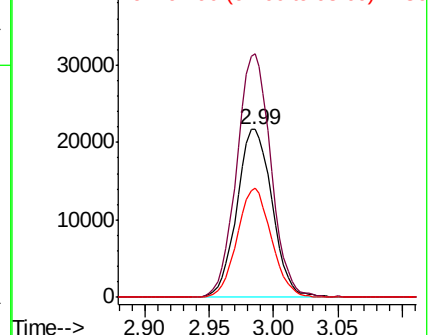
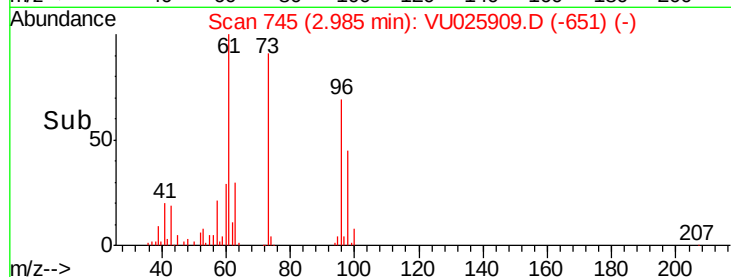
96 100

61 144.9 114.5 171.7

98 65.3 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU025909.D (-651) (-)



#22

Diisopropyl ether

Concen: 21.740 ug/l

RT: 3.58 min Scan# 929

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Tgt Ion: 45 Resp: 135296

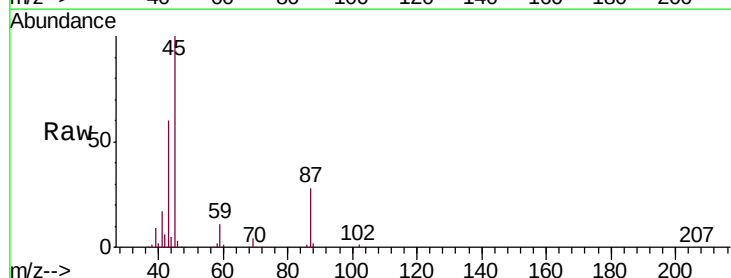
Ion Ratio Lower Upper

45 100

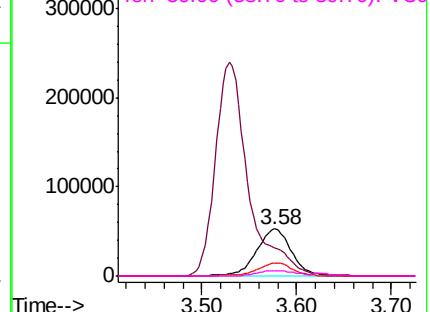
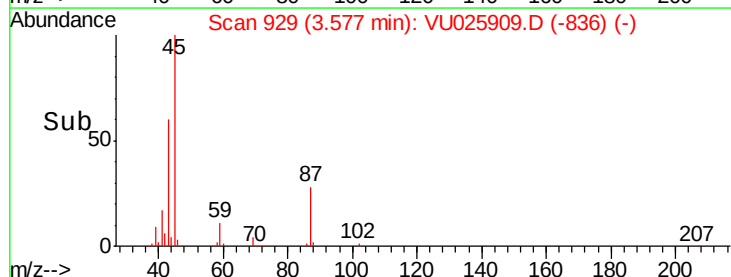
43 57.3 50.9 76.3

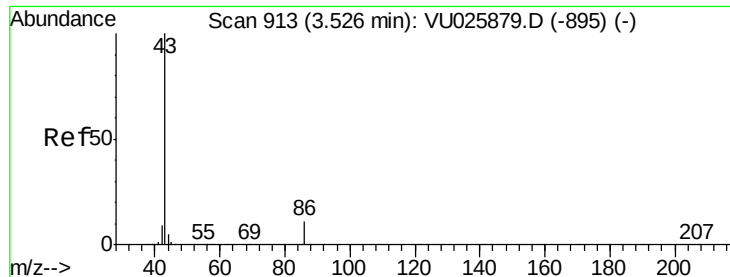
87 27.9 23.8 35.8

59 11.5 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU025909.D (-836) (-)





#23

Vinyl Acetate

Concen: 107.996 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Instrument :

MSVOA_U

ClientSampleId :

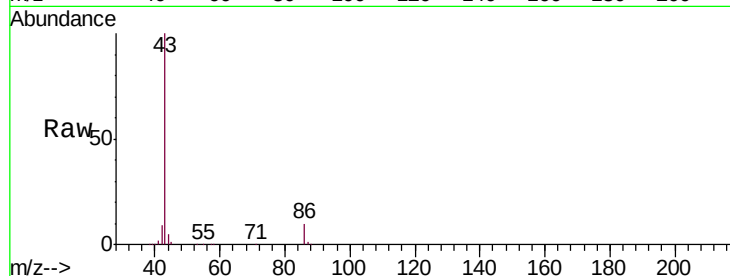
VU0806WBS02

Tgt Ion: 43 Resp: 585718

Ion Ratio Lower Upper

43 100

86 10.4 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VU025879.D (-895) (-)

Ion 86.00 (85.70 to 86.70): VU025879.D (-895) (-)

3.53

250000

200000

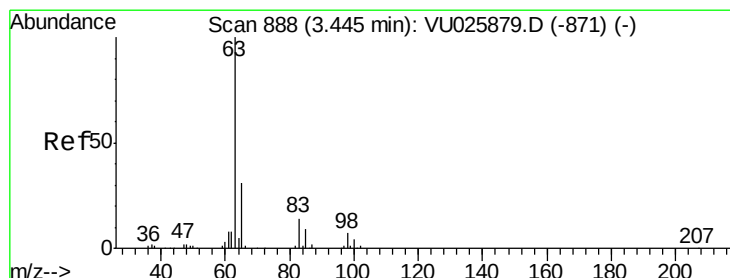
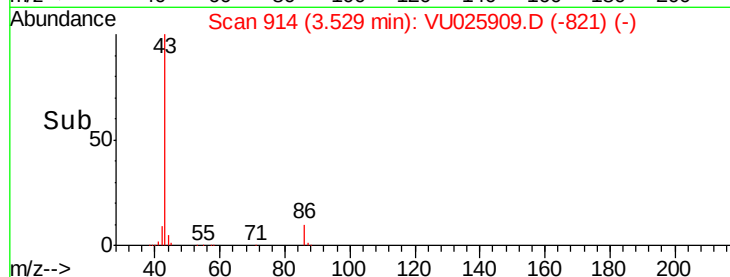
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.201 ug/l

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

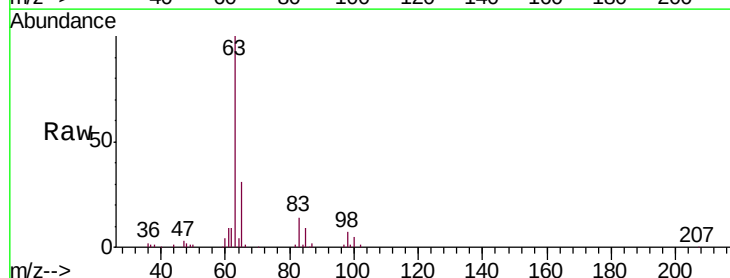
Tgt Ion: 63 Resp: 79200

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

100 4.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VU025879.D (-871) (-)

Ion 97.90 (97.60 to 98.60): VU025879.D (-871) (-)

Ion 99.90 (99.60 to 100.60): VU025879.D (-871) (-)

3.45

40000

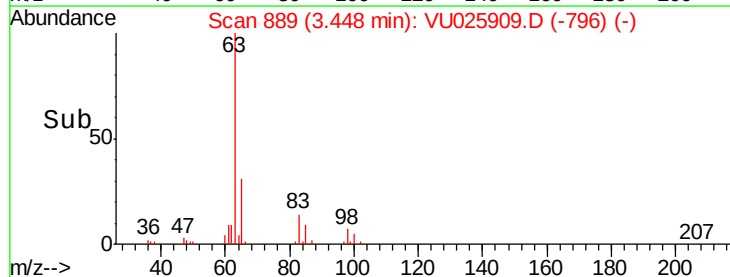
30000

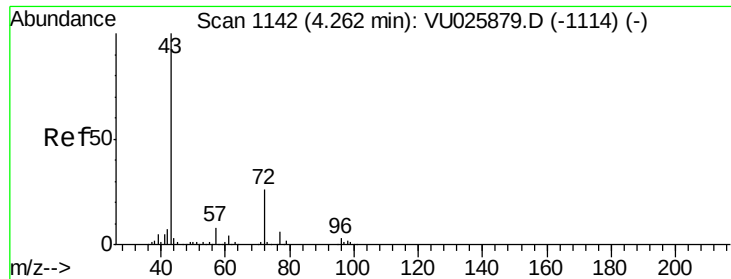
20000

10000

0

Time-->

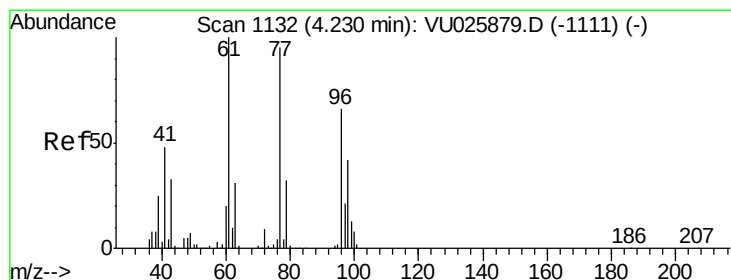
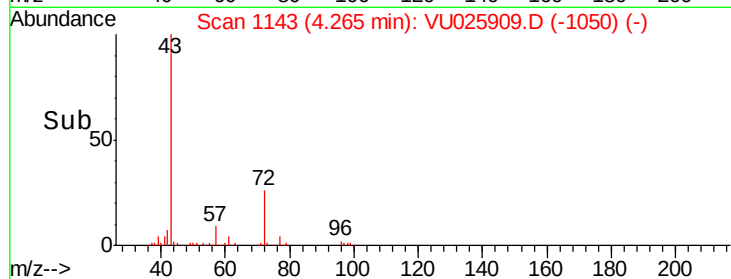
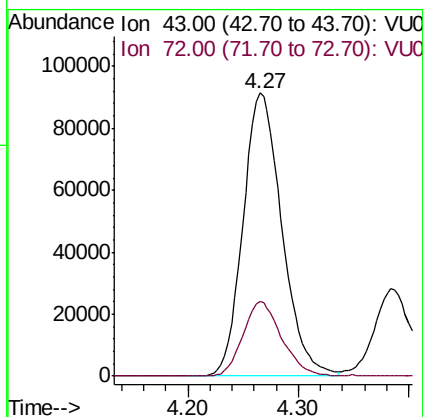
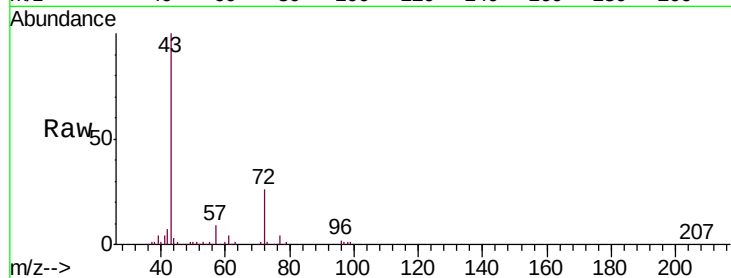




#25
2-Butanone
Concen: 130.873 ug/l
RT: 4.27 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

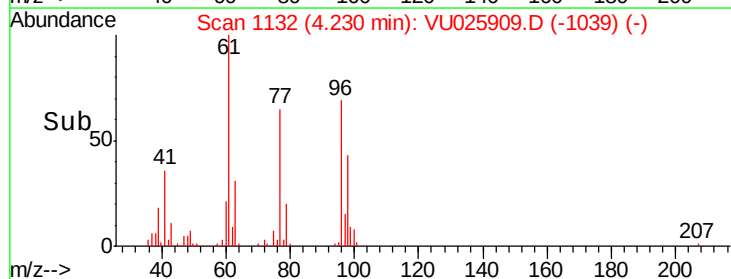
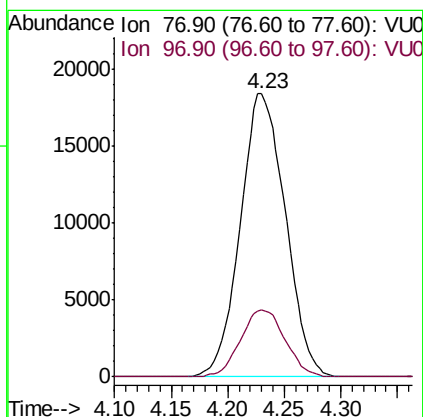
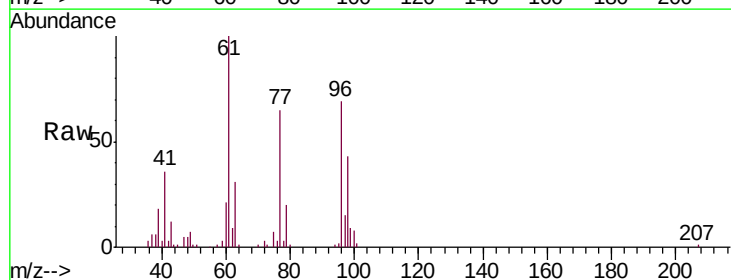
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS02

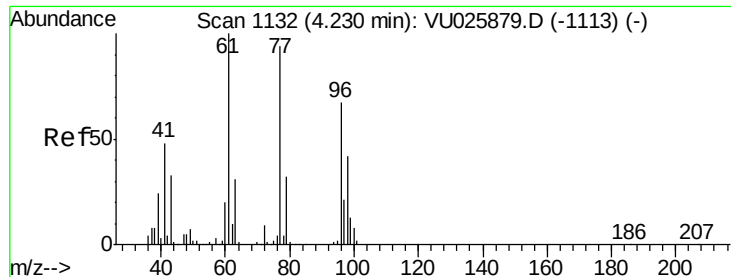
Tgt Ion: 43 Resp: 221502
Ion Ratio Lower Upper
43 100
72 26.3 21.0 31.4



#26
2,2-Dichloropropane
Concen: 14.977 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

Tgt Ion: 77 Resp: 50855
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 20.488 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS02

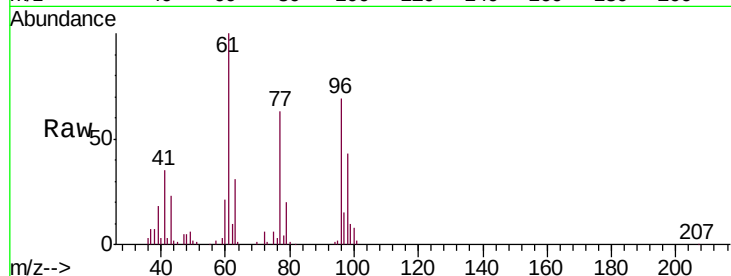
Tgt Ion: 96 Resp: 46924

Ion Ratio Lower Upper

96 100

61 145.0 0.0 299.8

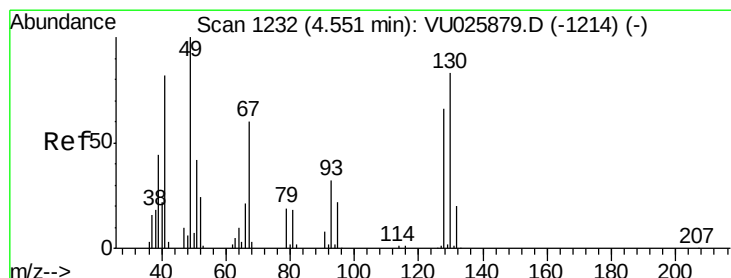
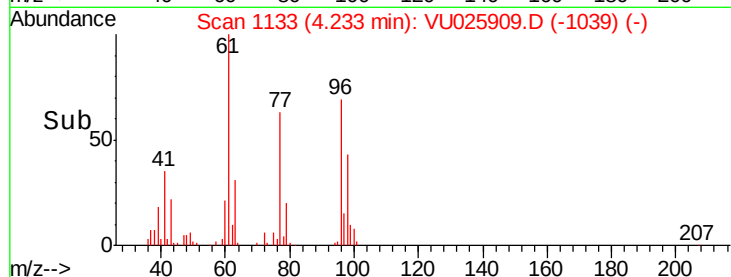
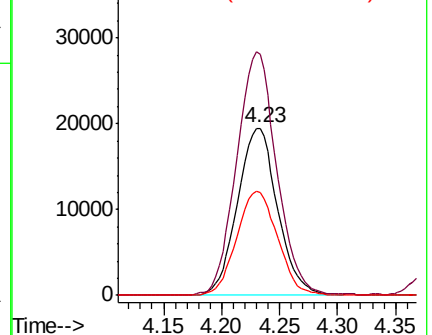
98 63.3 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane

Concen: 21.694 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

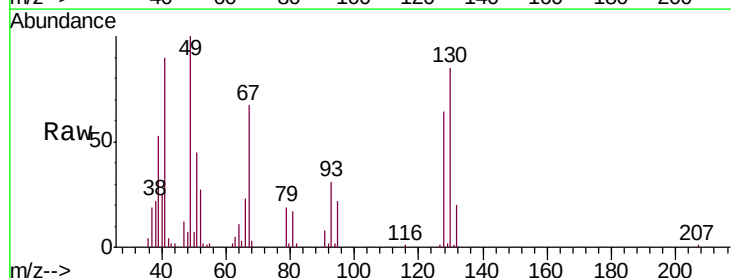
Tgt Ion: 49 Resp: 36236

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

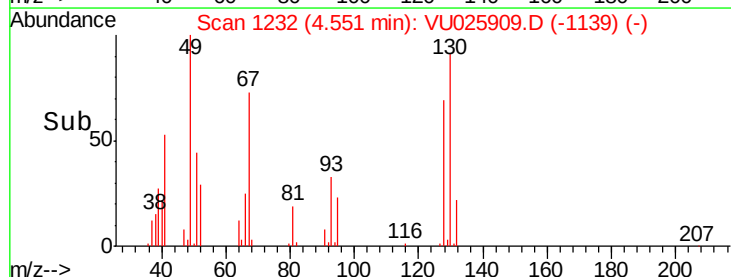
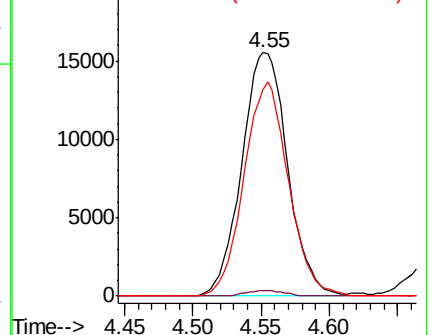
130 85.3 68.6 102.8

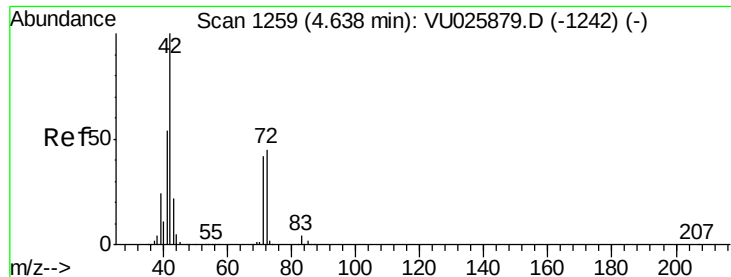


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

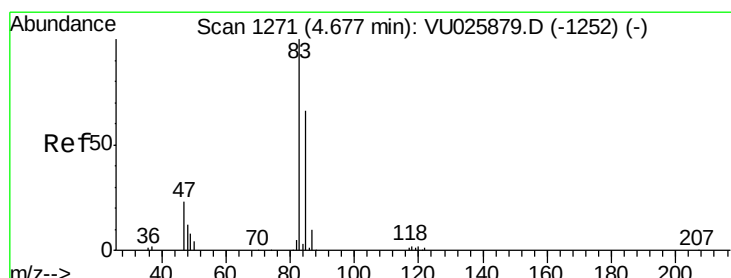
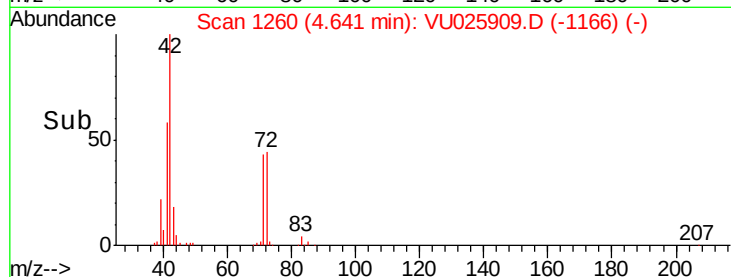
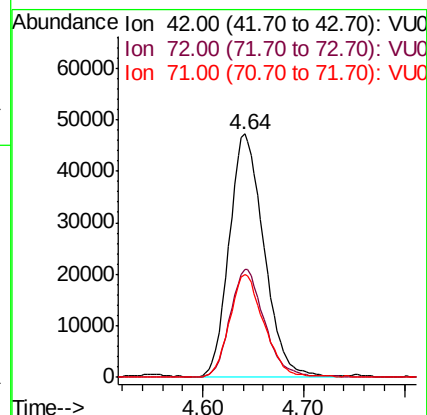
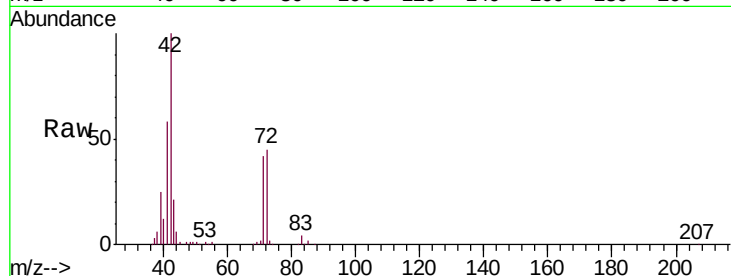




#29
Tetrahydrofuran
Concen: 111.213 ug/l
RT: 4.64 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

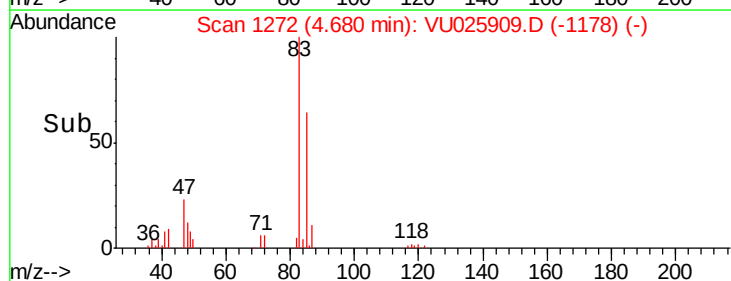
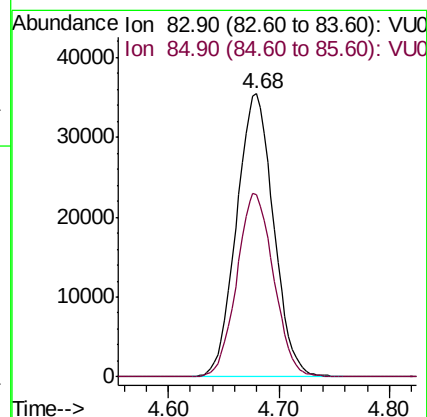
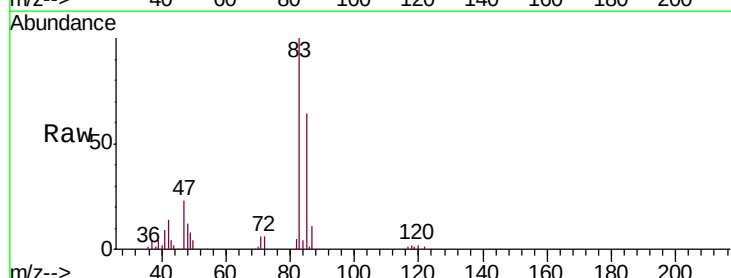
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS02

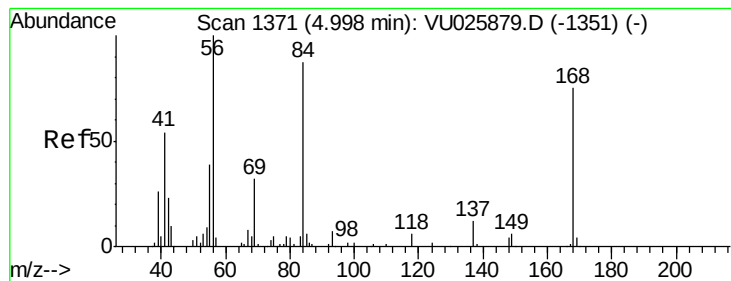
Tgt Ion: 42 Resp: 112769
Ion Ratio Lower Upper
42 100
72 43.9 36.7 55.1
71 41.8 33.9 50.9



#30
Chloroform
Concen: 20.943 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

Tgt Ion: 83 Resp: 82582
Ion Ratio Lower Upper
83 100
85 64.3 51.5 77.3





#31

Cyclohexane

Concen: 20.280 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. -0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS02

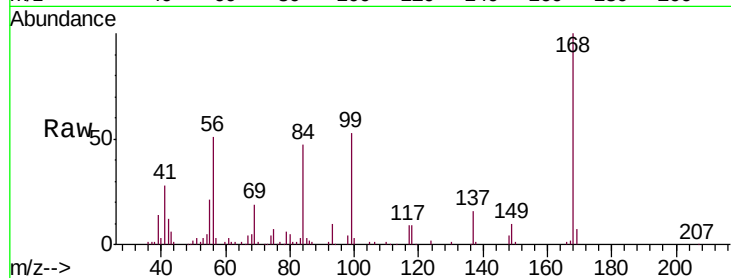
Tgt Ion: 56 Resp: 68515

Ion Ratio Lower Upper

56 100

69 37.6 26.8 40.2

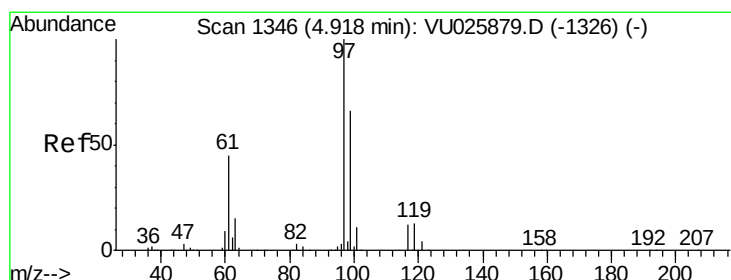
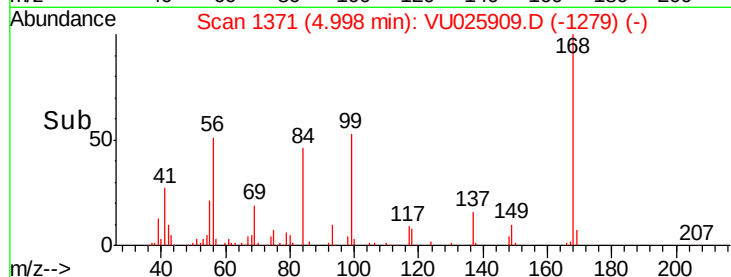
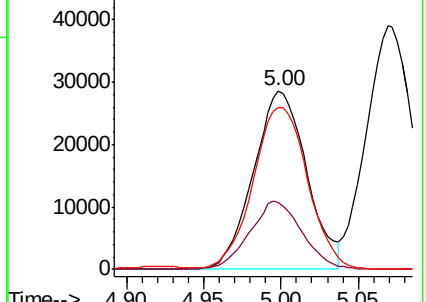
84 90.0 69.7 104.5



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: 21.028 ug/l

RT: 4.92 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

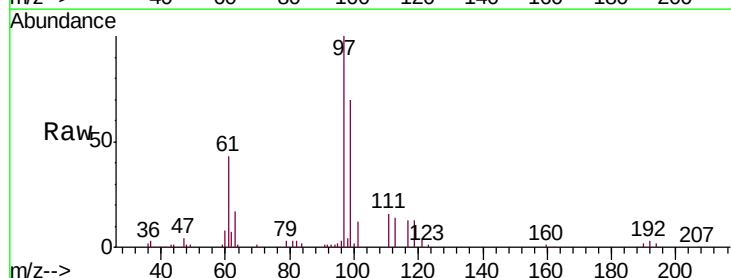
Tgt Ion: 97 Resp: 74655

Ion Ratio Lower Upper

97 100

99 66.7 50.8 76.2

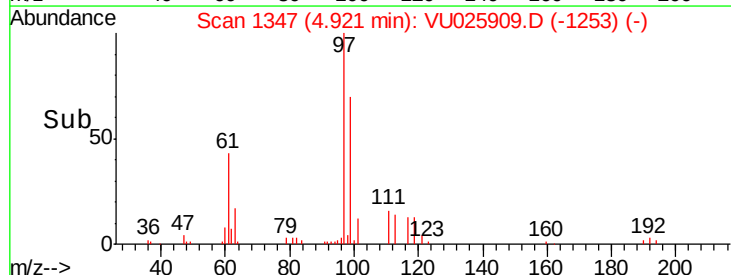
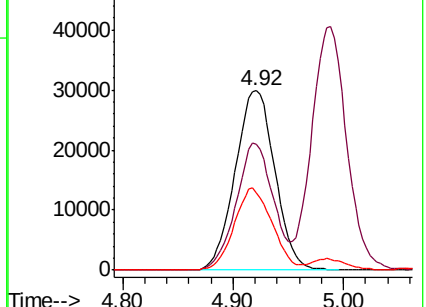
61 43.5 35.2 52.8

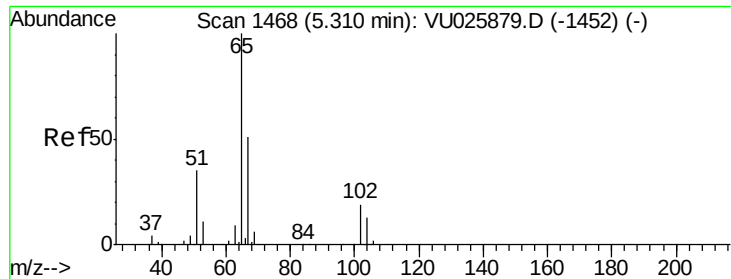


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

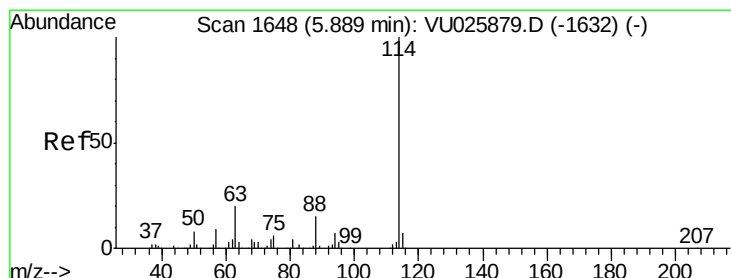
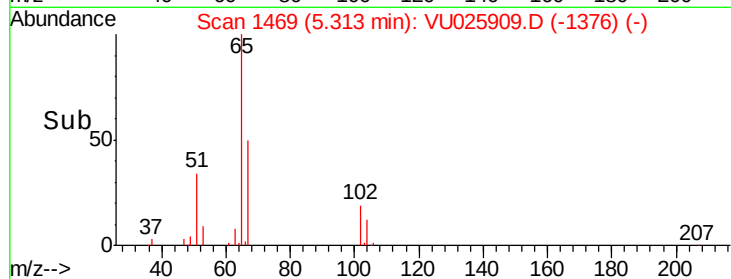
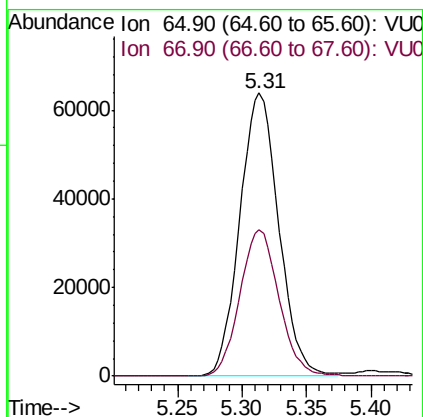
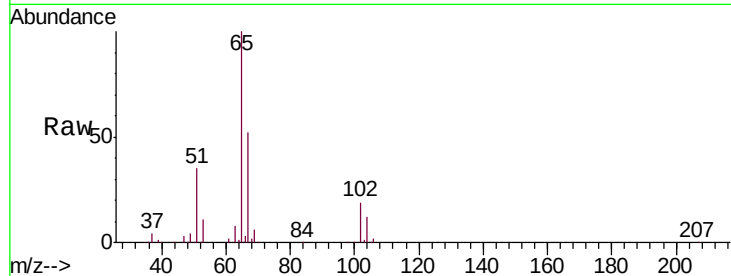




#33
 1,2-Dichloroethane-d4
 Concen: 52.654 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

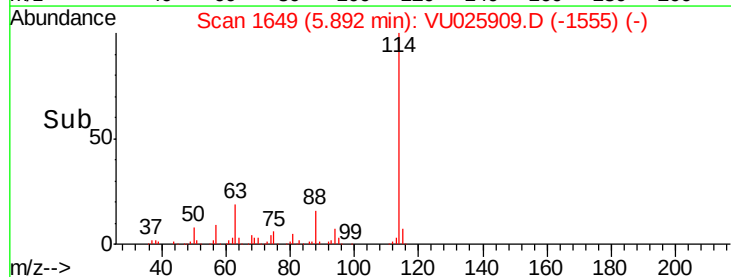
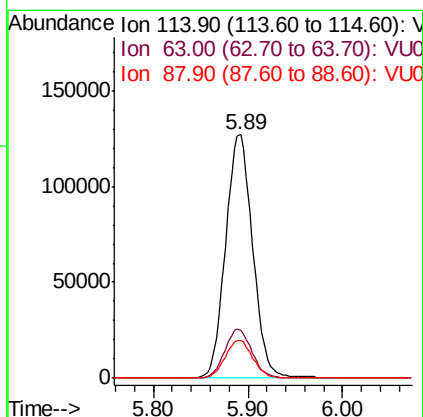
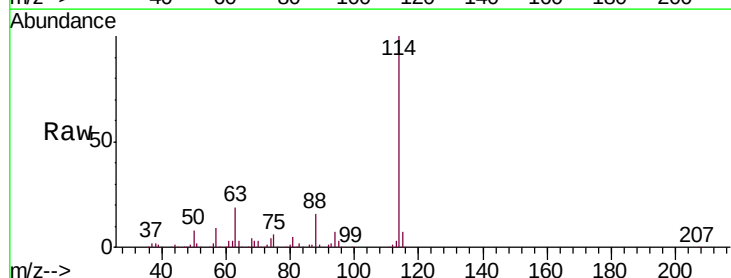
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS02

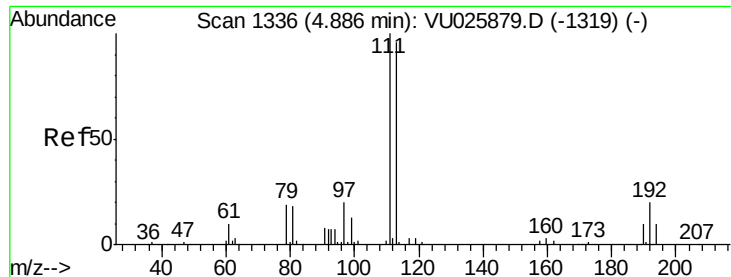
Tgt Ion: 65 Resp: 134276
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

Tgt Ion: 114 Resp: 252757
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.6
 88 15.6 0.0 32.4

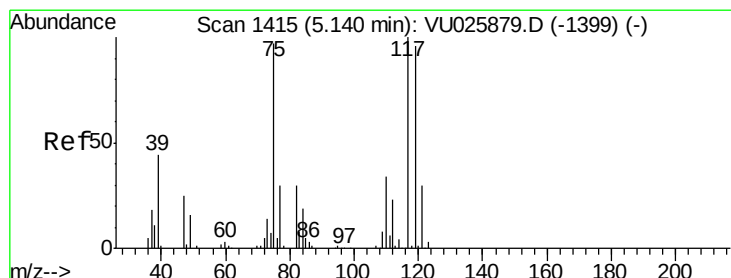
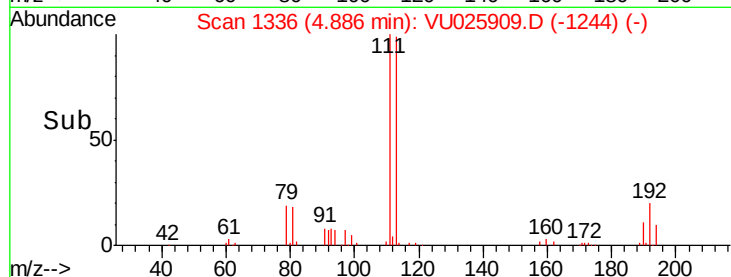
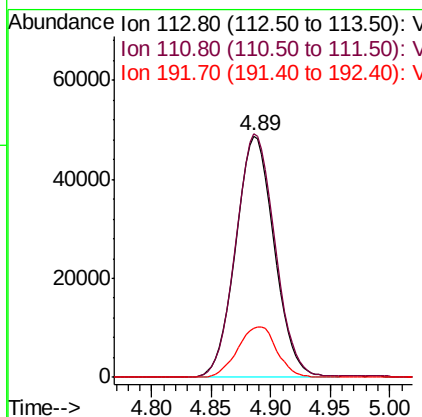
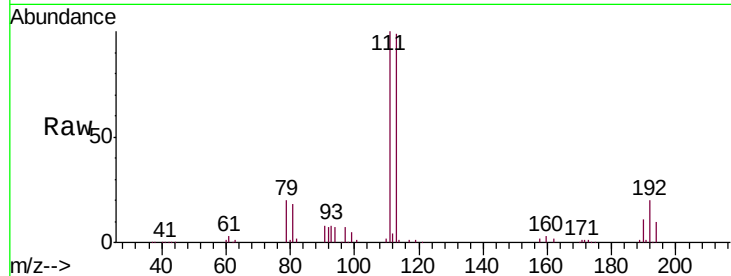




#35
 Dibromofluoromethane
 Concen: 49.899 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

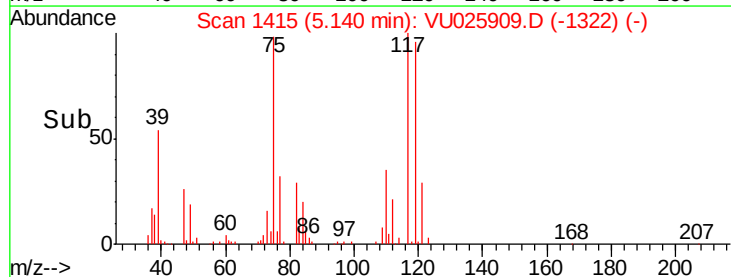
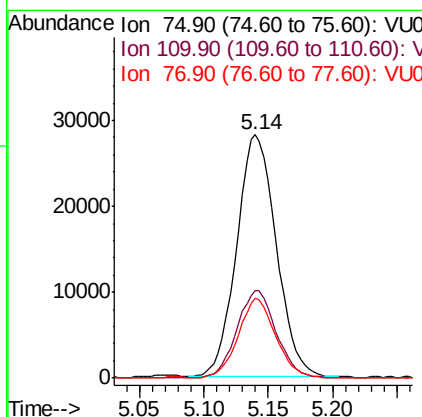
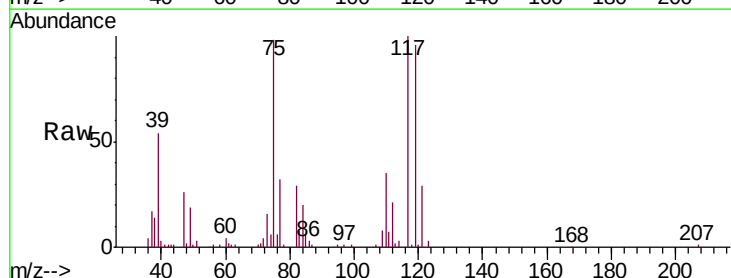
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS02

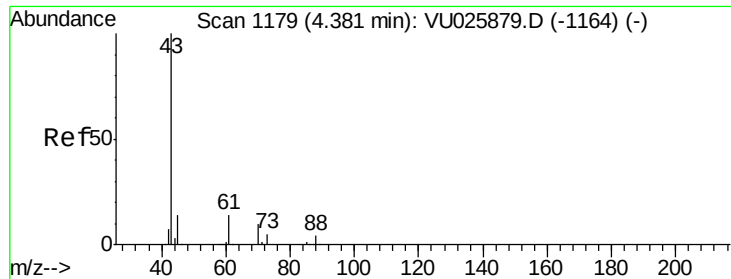
Tgt Ion:113 Resp: 109696
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.7 122.5
 192 21.4 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 20.431 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

Tgt Ion: 75 Resp: 60351
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.6 52.9
 77 31.1 24.4 36.6

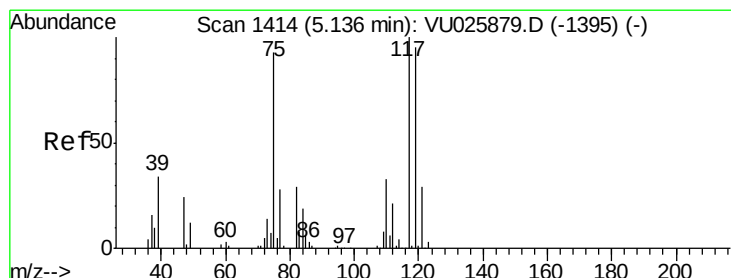
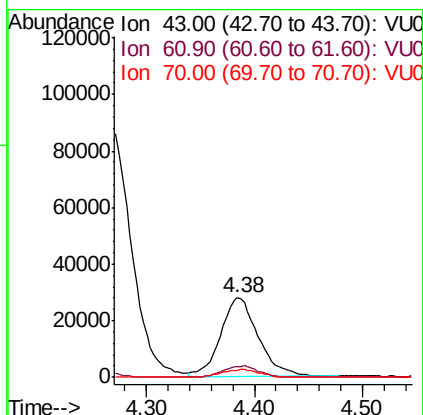
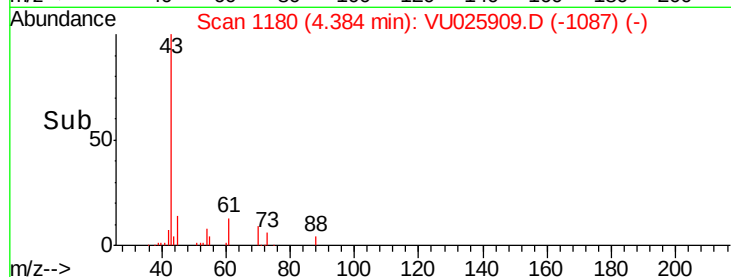
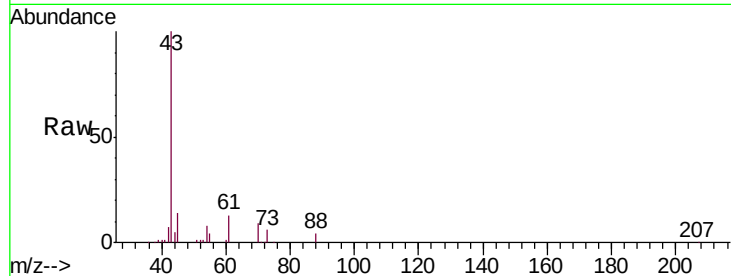




#37
Ethyl Acetate
Concen: 22.088 ug/l
RT: 4.38 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

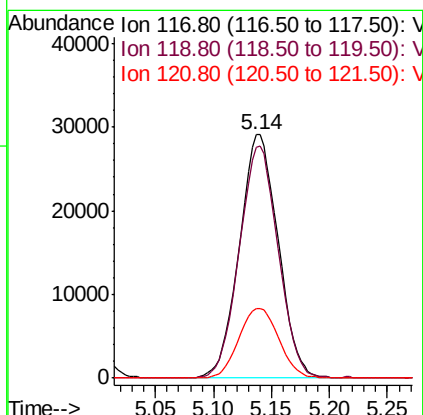
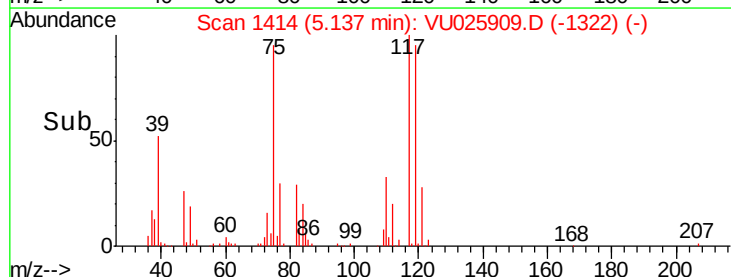
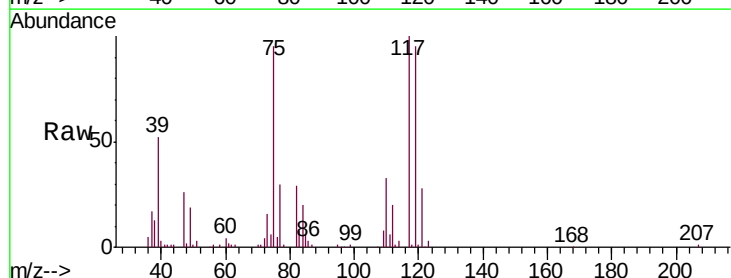
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS02

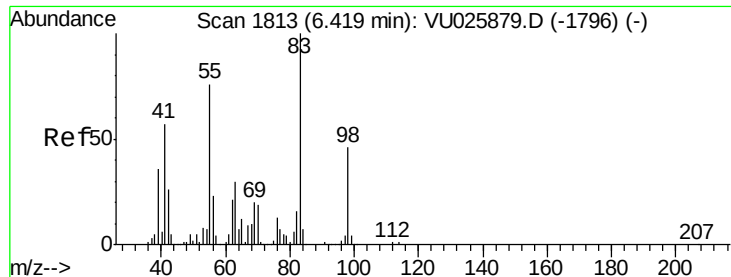
Tgt Ion: 43 Resp: 67654
Ion Ratio Lower Upper
43 100
61 13.2 10.7 16.1
70 10.1 8.4 12.6



#38
Carbon Tetrachloride
Concen: 20.260 ug/l
RT: 5.14 min Scan# 1414
Delta R.T. -0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

Tgt Ion: 117 Resp: 67784
Ion Ratio Lower Upper
117 100
119 94.8 75.7 113.5
121 28.5 24.6 36.8

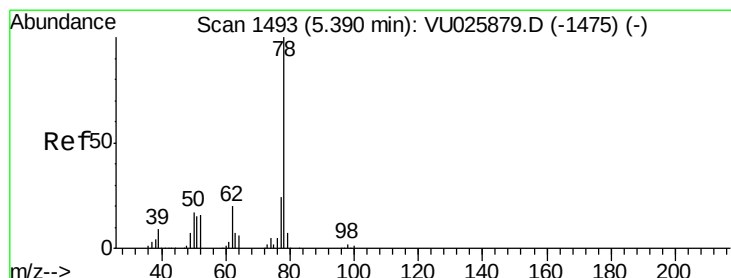
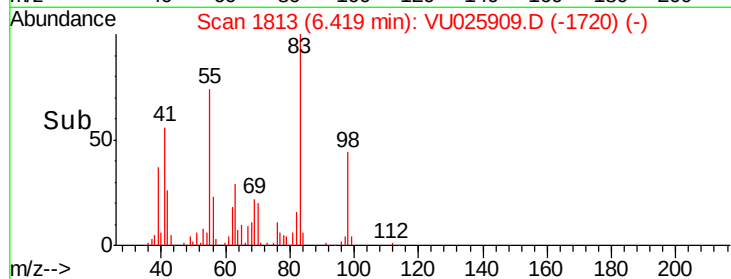
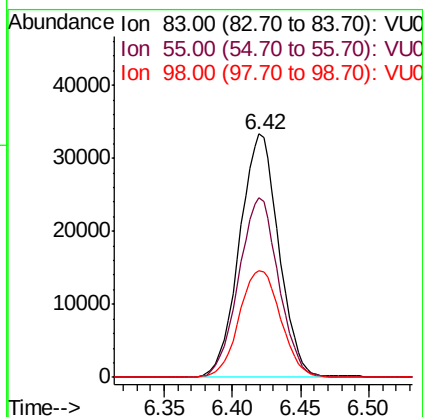
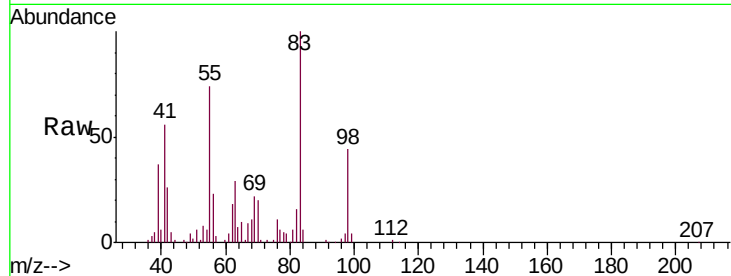




#39
Methylcyclohexane
Concen: 19.681 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

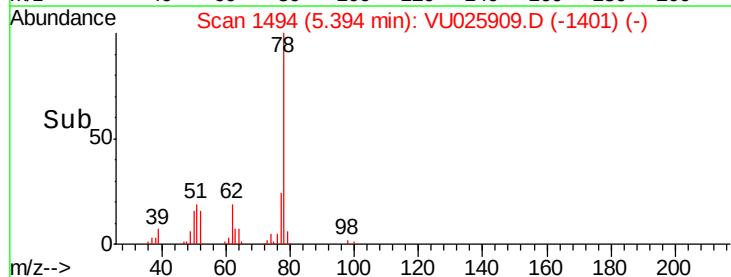
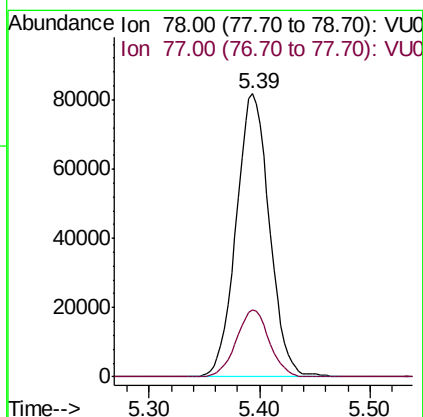
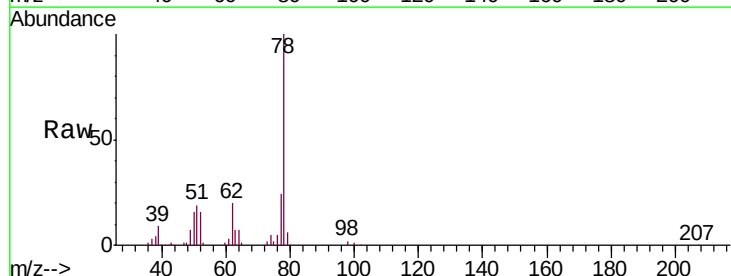
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS02

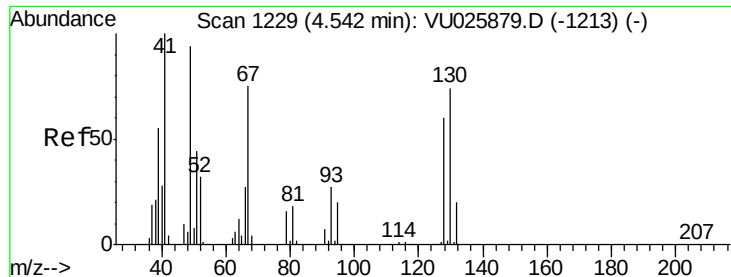
Tgt Ion: 83 Resp: 66611
Ion Ratio Lower Upper
83 100
55 73.9 60.0 90.0
98 43.8 36.1 54.1



#40
Benzene
Concen: 19.785 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

Tgt Ion: 78 Resp: 170834
Ion Ratio Lower Upper
78 100
77 23.9 19.8 29.6

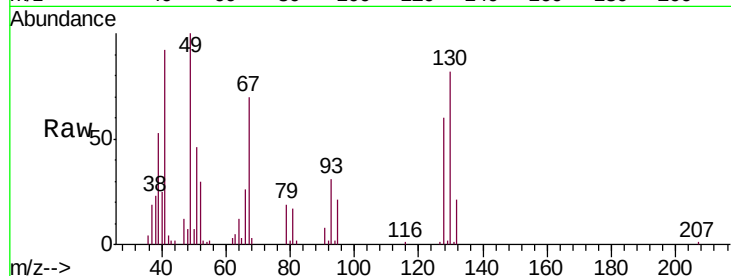




#41
Methacrylonitrile
Concen: 20.440 ug/l
RT: 4.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS02

Tgt Ion:	41	Resp:	34773
Ion	Ratio	Lower	Upper
41	100		
39	57.2	44.4	66.6
67	72.7	56.0	84.0
52	31.4	24.6	36.8



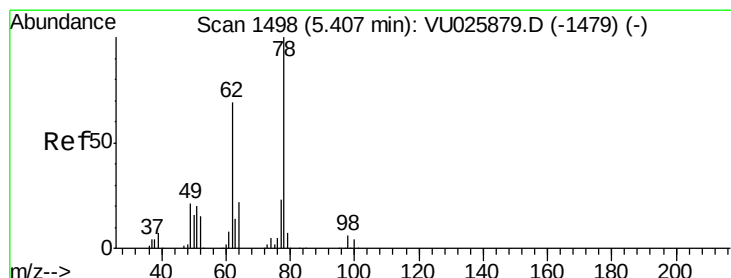
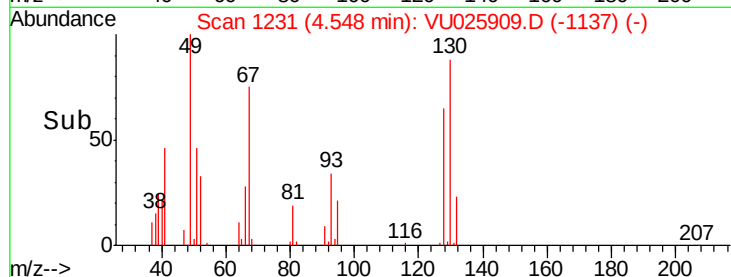
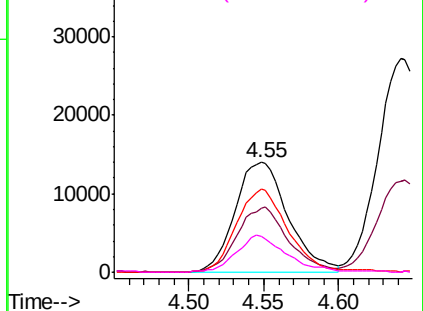
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

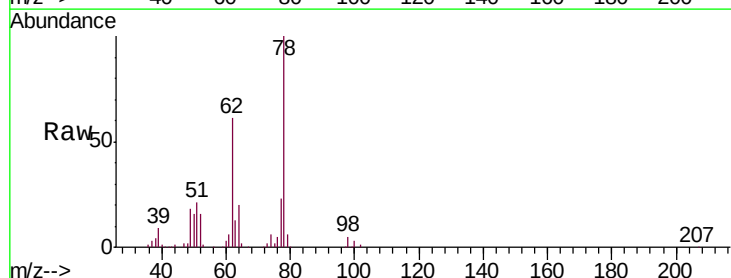
Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42
1,2-Dichloroethane
Concen: 20.432 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

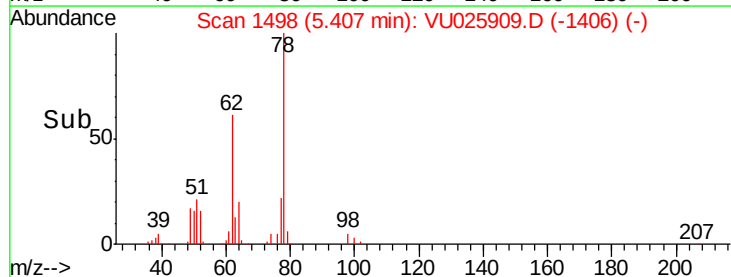
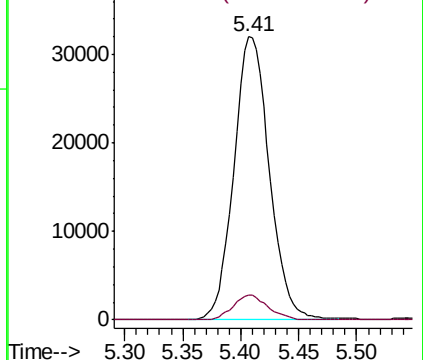
Tgt Ion:	62	Resp:	67931
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.4

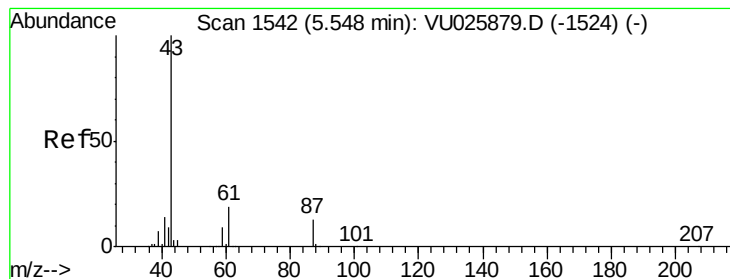


Abundance

Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 20.873 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS02

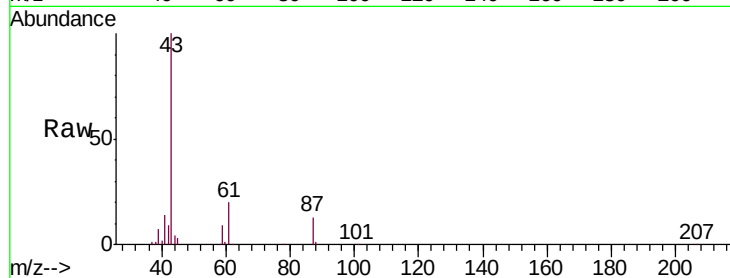
Tgt Ion: 43 Resp: 105647

Ion Ratio Lower Upper

43 100

61 19.4 15.5 23.3

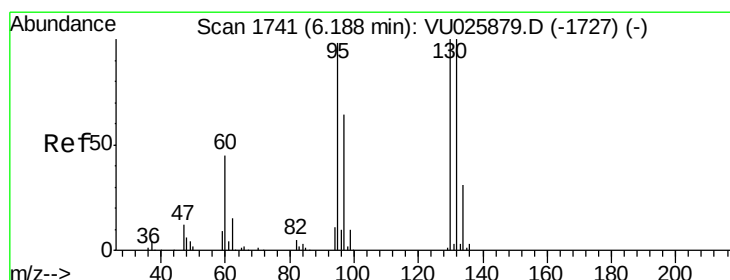
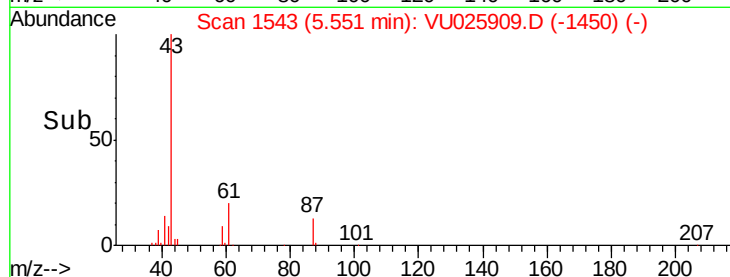
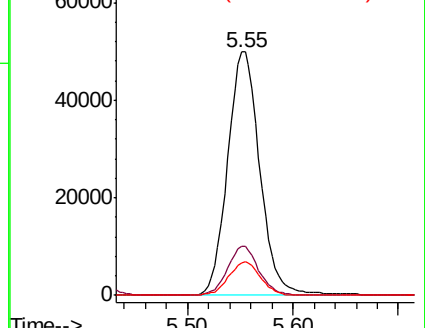
87 13.5 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VU025879.D (-1524) (-)

Ion 61.00 (60.70 to 61.70): VU025879.D (-1524) (-)

Ion 87.00 (86.70 to 87.70): VU025879.D (-1524) (-)



#44

Trichloroethene

Concen: 20.423 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025909.D

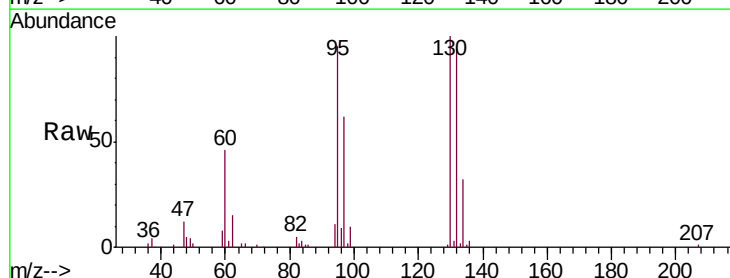
Acq: 07 Aug 2018 01:07

Tgt Ion: 130 Resp: 49108

Ion Ratio Lower Upper

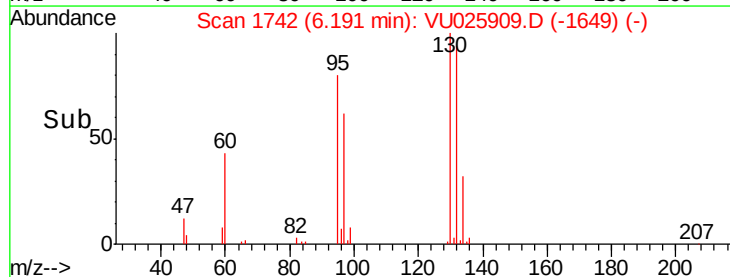
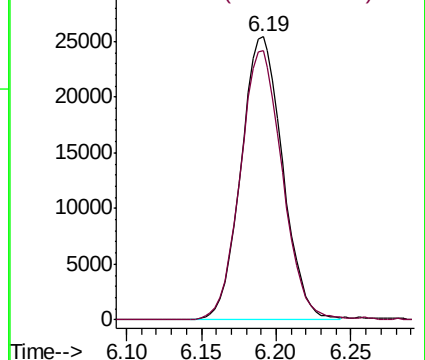
130 100

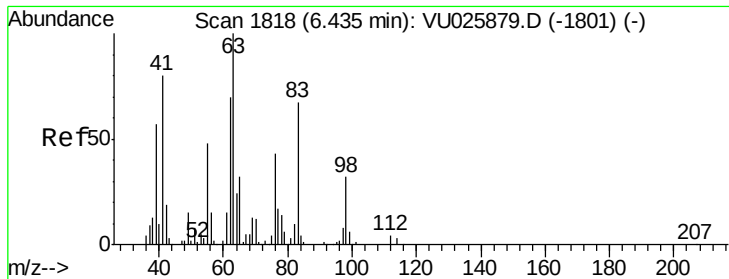
95 95.1 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VU025879.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU025879.D (-1727) (-)





#45

1,2-Dichloropropane

Concen: 20.160 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Instrument :

MSVOA_U

ClientSampleId :

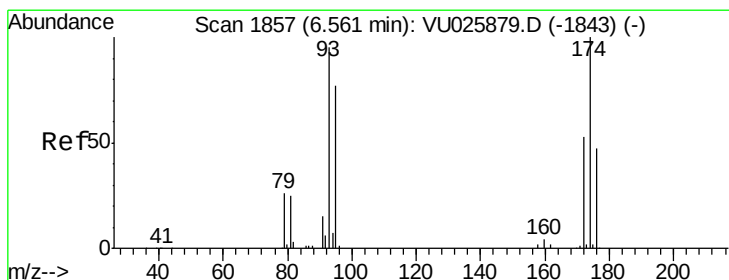
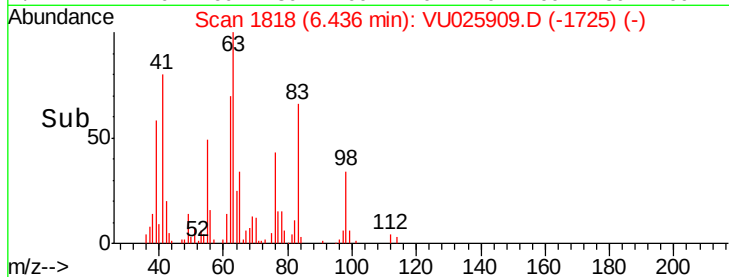
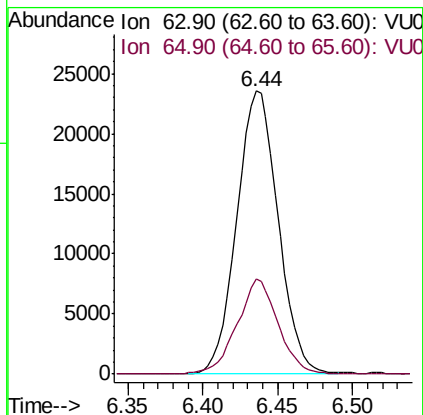
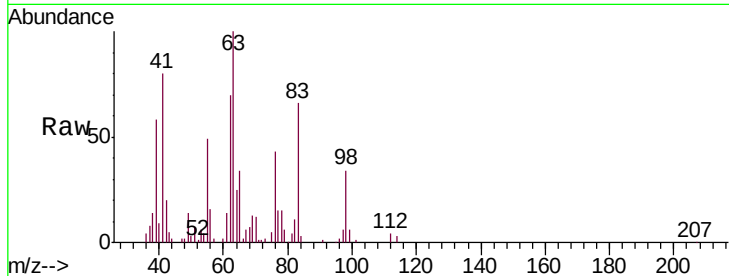
VU0806WBS02

Tgt Ion: 63 Resp: 45398

Ion Ratio Lower Upper

63 100

65 33.5 26.1 39.1



#46

Dibromomethane

Concen: 20.191 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

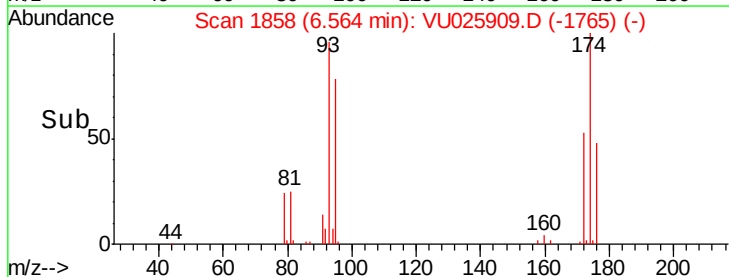
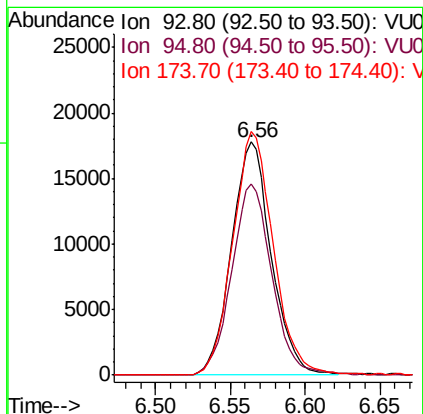
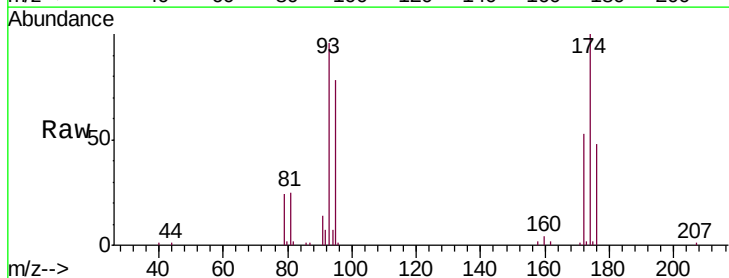
Tgt Ion: 93 Resp: 32945

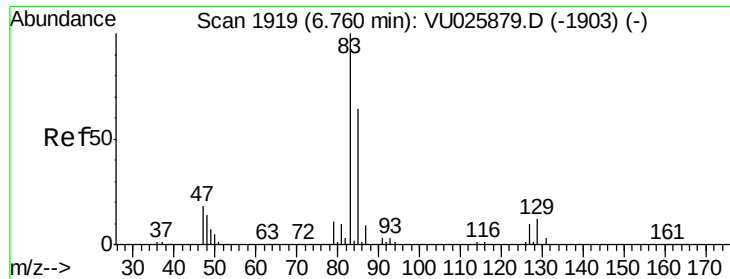
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 106.7 85.8 128.8

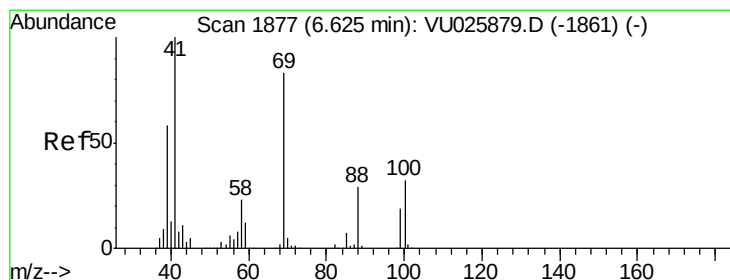
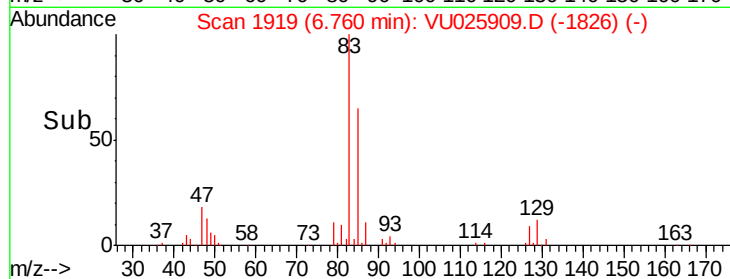
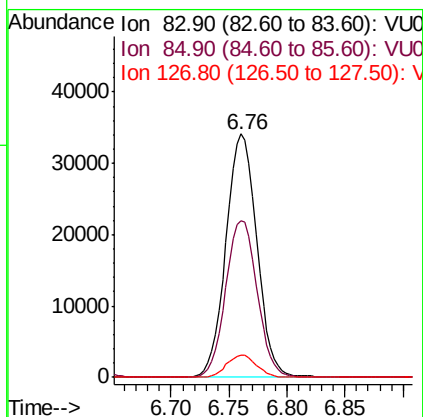
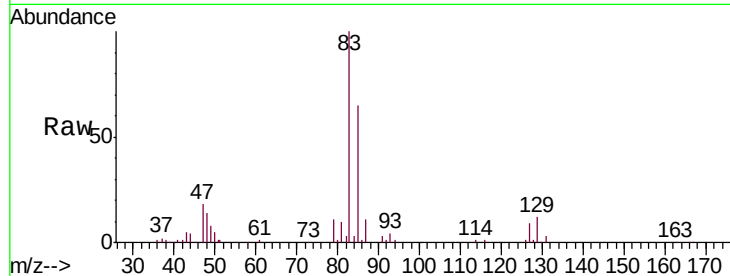




#47
Bromodichloromethane
Concen: 20.290 ug/l
RT: 6.76 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

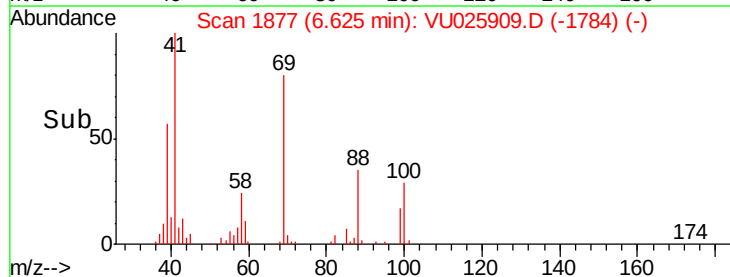
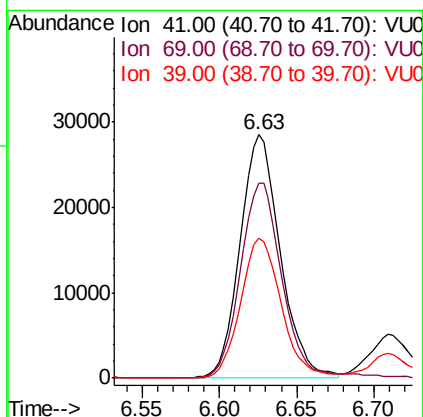
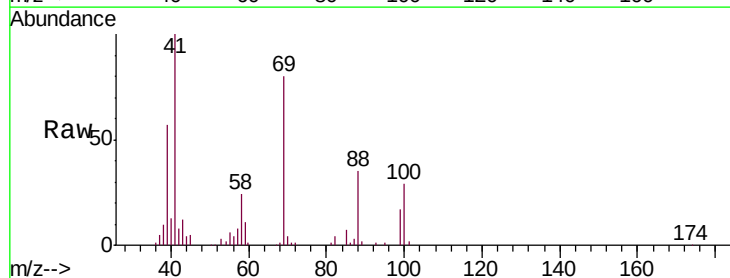
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS02

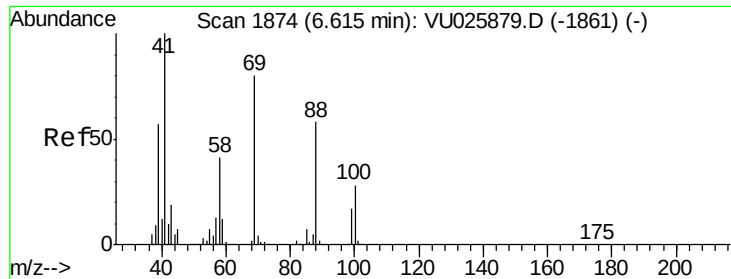
Tgt Ion: 83 Resp: 63152
Ion Ratio Lower Upper
83 100
85 64.6 50.2 75.4
127 9.3 7.2 10.8



#48
Methyl methacrylate
Concen: 20.837 ug/l
RT: 6.63 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

Tgt Ion: 41 Resp: 51688
Ion Ratio Lower Upper
41 100
69 83.4 65.0 97.4
39 58.3 46.4 69.6

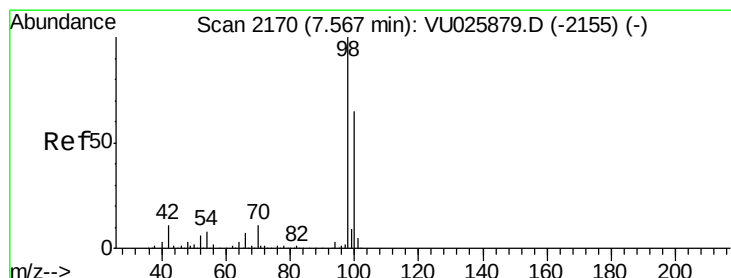
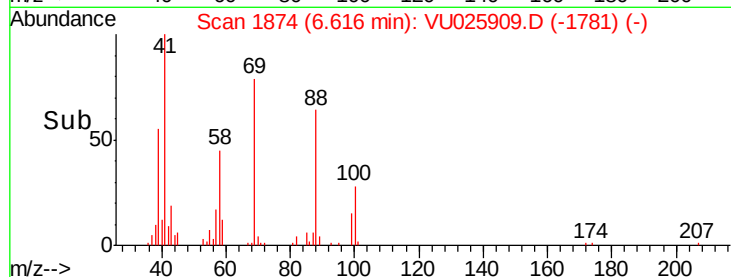
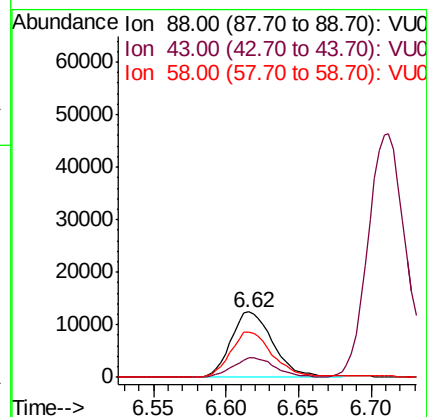
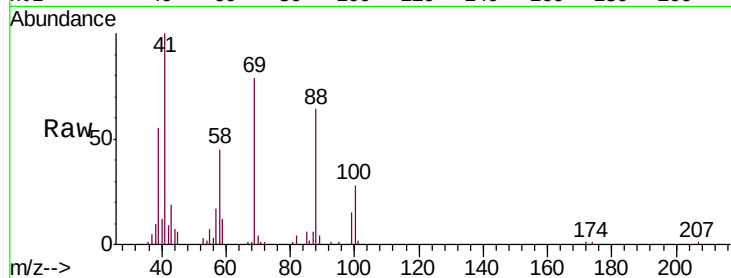




#49
1,4-Dioxane
Concen: 416.215 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

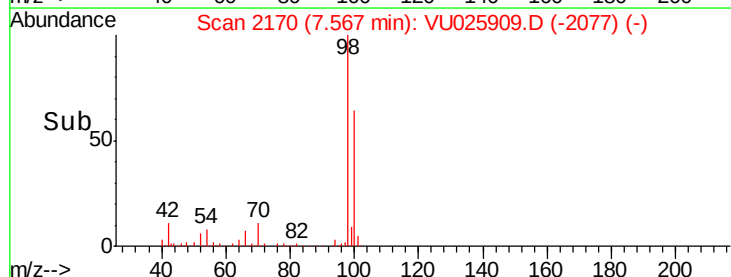
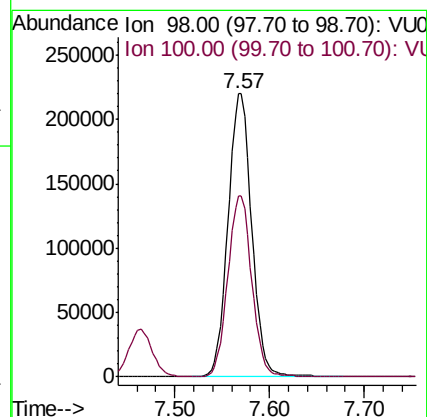
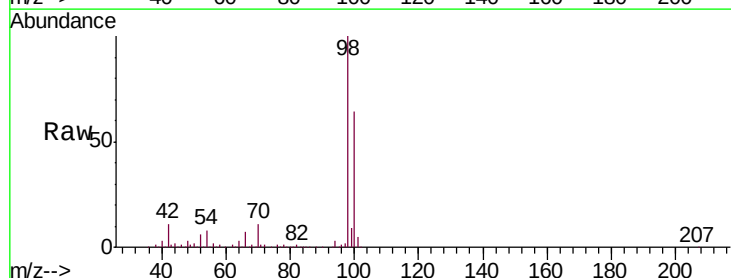
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS02

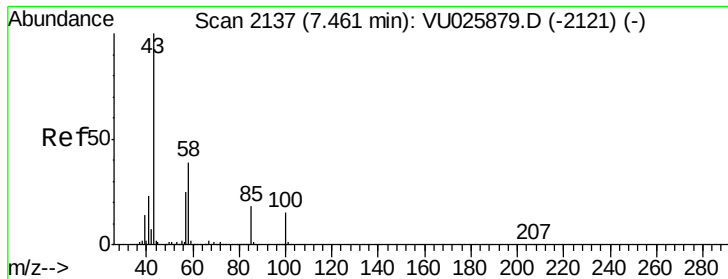
Tgt Ion: 88 Resp: 25125
Ion Ratio Lower Upper
88 100
43 30.3 27.3 40.9
58 70.5 57.6 86.4



#50
Toluene-d8
Concen: 49.868 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

Tgt Ion: 98 Resp: 383626
Ion Ratio Lower Upper
98 100
100 64.0 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 132.814 ug/l

RT: 7.46 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Instrument :

MSVOA_U

ClientSampleId :

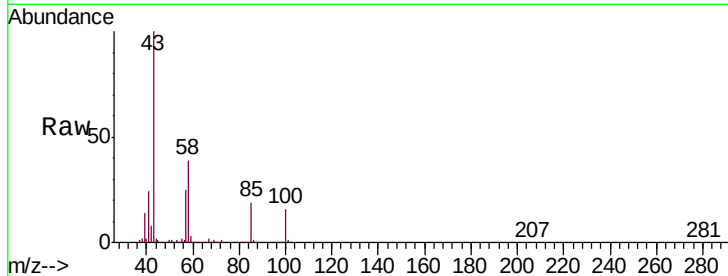
VU0806WBS02

Tgt Ion: 43 Resp: 420851

Ion Ratio Lower Upper

43 100

58 37.9 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VU025879.D (-2121) (-)

Ion 58.00 (57.70 to 58.70): VU025879.D (-2121) (-)

7.46

250000

200000

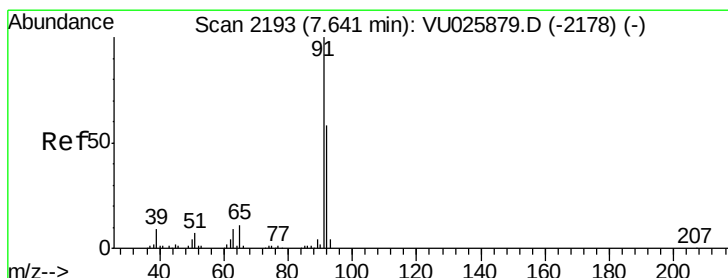
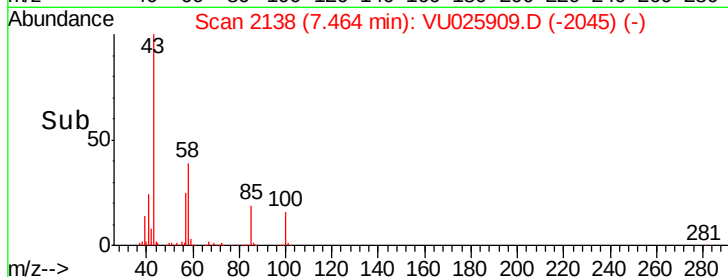
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.098 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025909.D

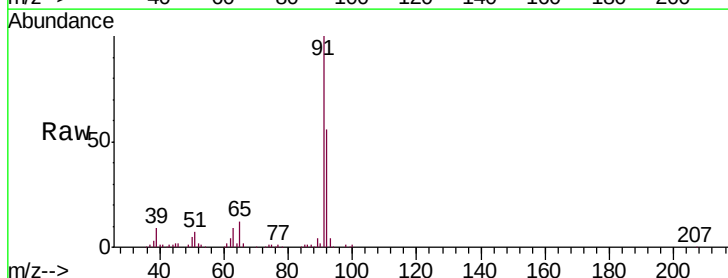
Acq: 07 Aug 2018 01:07

Tgt Ion: 92 Resp: 107806

Ion Ratio Lower Upper

92 100

91 180.5 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU025879.D (-2178) (-)

Ion 91.00 (90.70 to 91.70): VU025879.D (-2178) (-)

7.64

120000

100000

80000

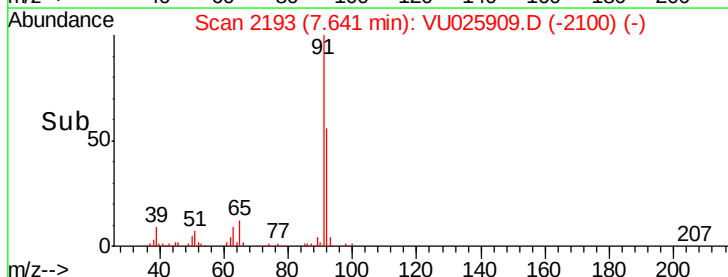
60000

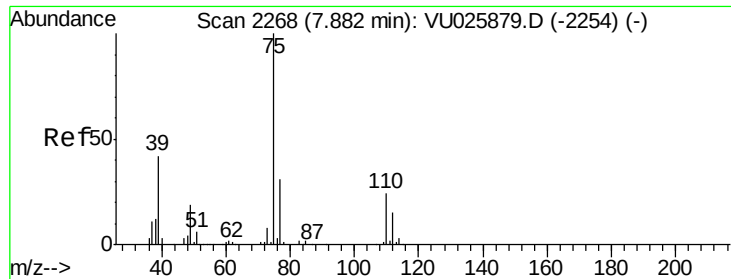
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.578 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Instrument :

MSVOA_U

ClientSampleId :

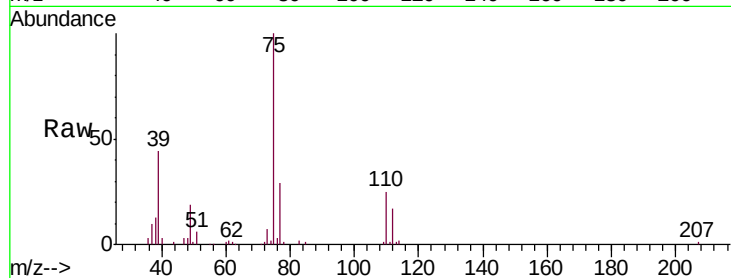
VU0806WBS02

Tgt Ion: 75 Resp: 68419

Ion Ratio Lower Upper

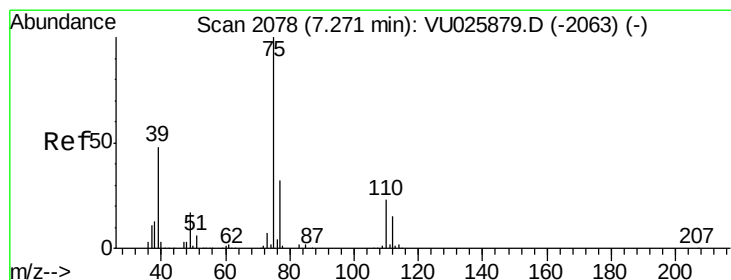
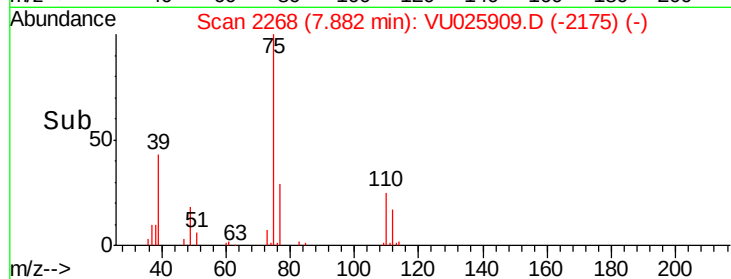
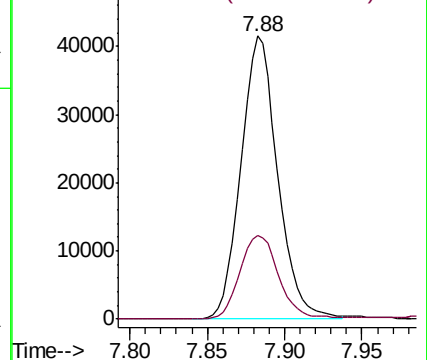
75 100

77 29.4 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: 19.414 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

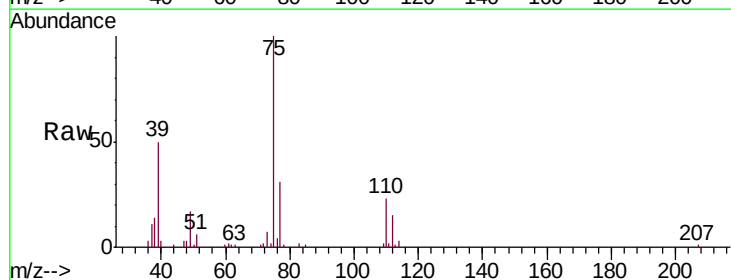
Tgt Ion: 75 Resp: 69691

Ion Ratio Lower Upper

75 100

77 30.7 25.6 38.4

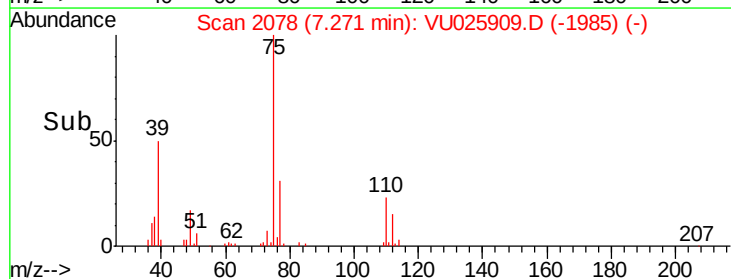
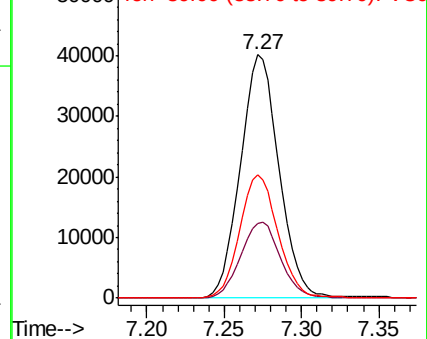
39 50.4 40.0 60.0

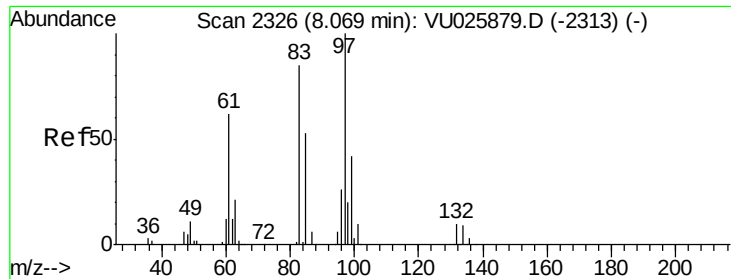


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

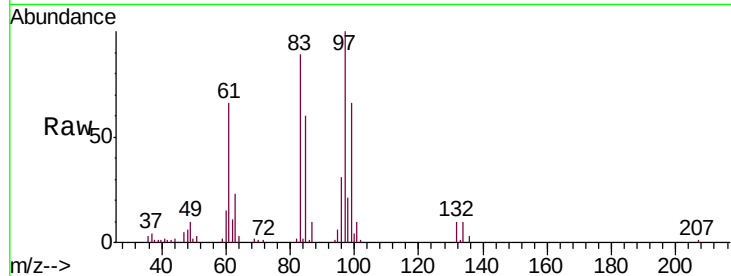




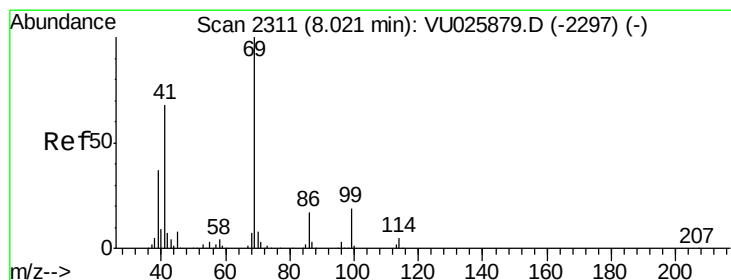
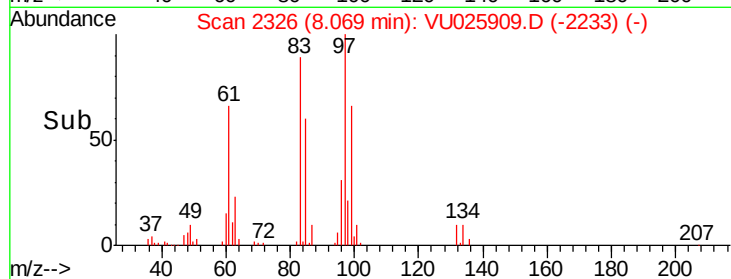
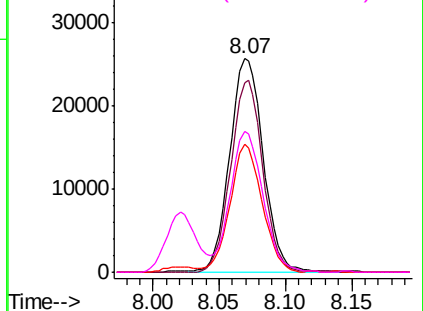
#55
 1,1,2-Trichloroethane
 Concen: 20.344 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS02

Tgt Ion:	97	Resp:	45351
Ion	Ratio	Lower	Upper
97	100		
83	88.7	68.9	103.3
85	59.2	44.4	66.6
99	65.8	51.0	76.4

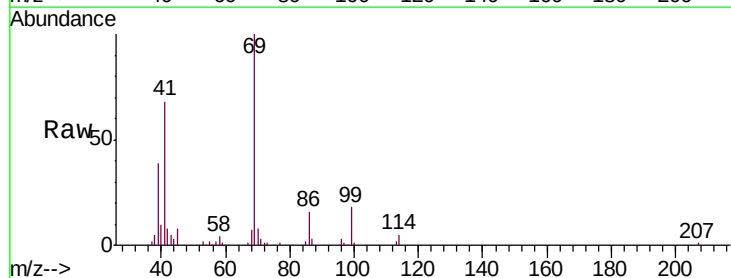


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

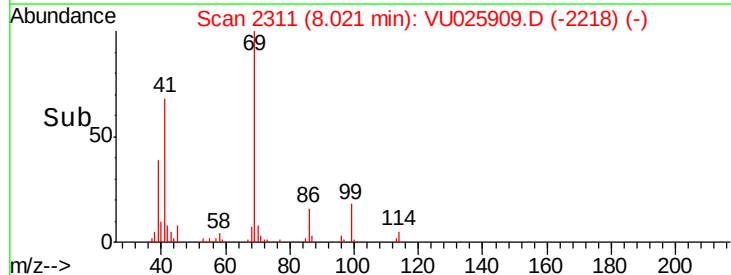
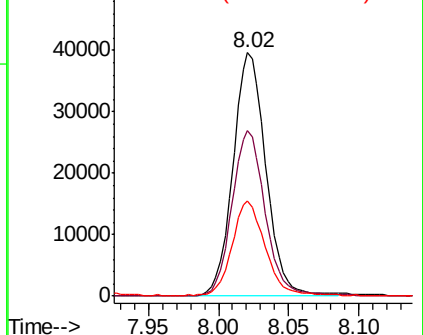


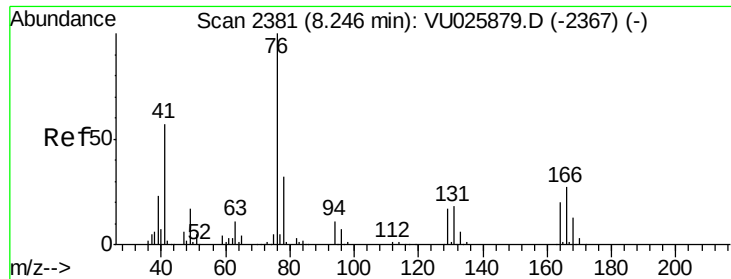
#56
 Ethyl methacrylate
 Concen: 20.358 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

Tgt Ion:	69	Resp:	64840
Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.8	82.2
39	39.7	31.1	46.7



Abundance Ion 69.00 (68.70 to 69.70): VU0
 Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0

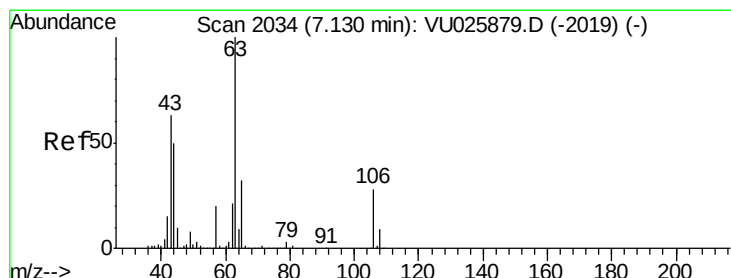
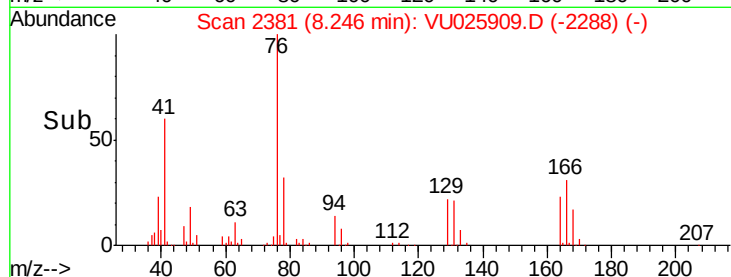
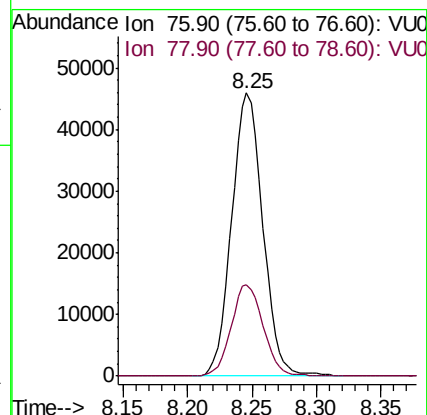
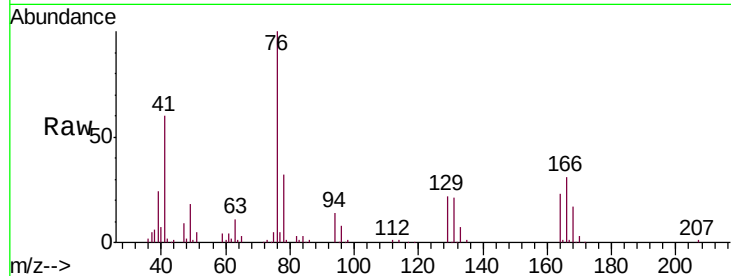




#57
 1,3-Dichloropropane
 Concen: 20.553 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

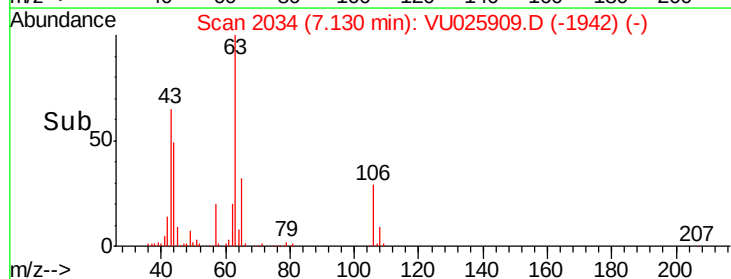
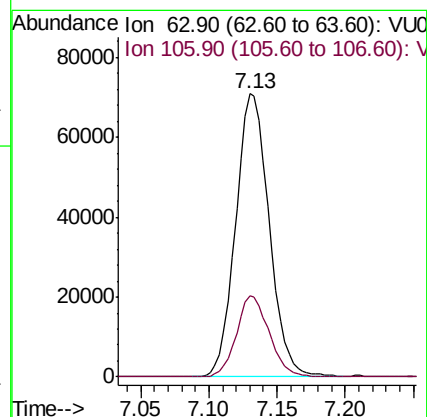
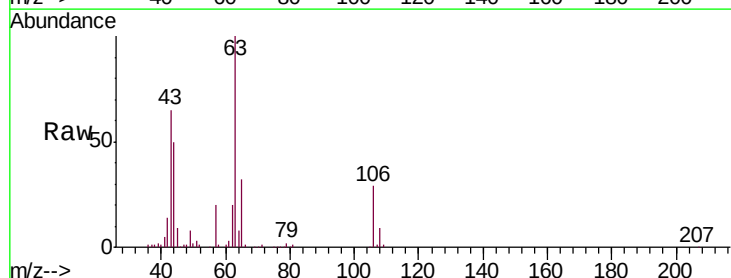
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS02

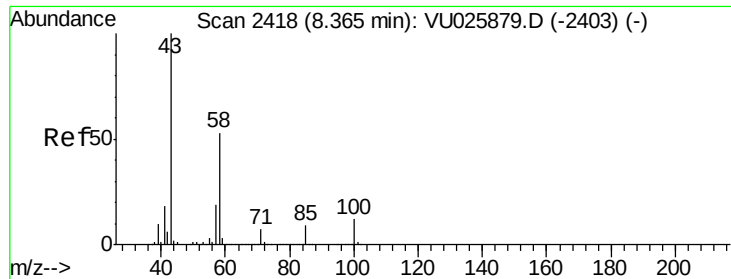
Tgt Ion: 76 Resp: 77049
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.715 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

Tgt Ion: 63 Resp: 121179
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.3 33.5

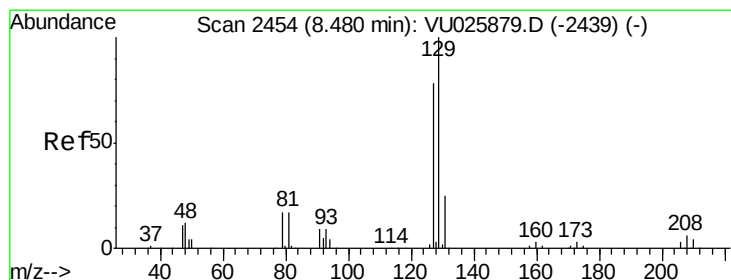
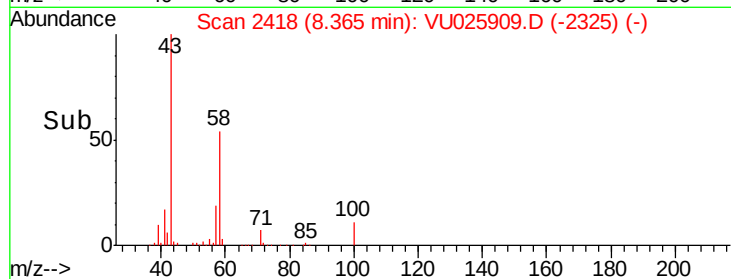
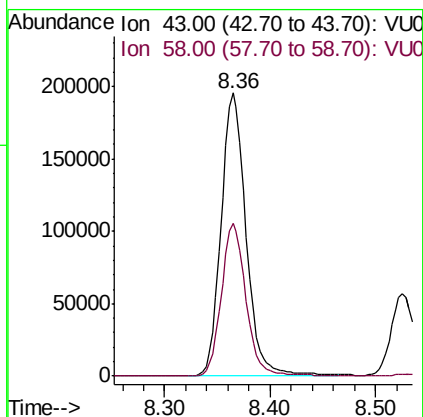
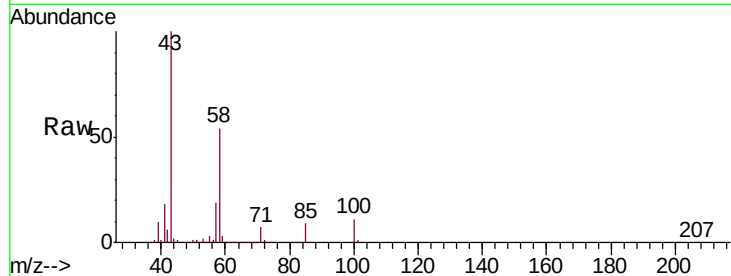




#59
 2-Hexanone
 Concen: 129.175 ug/l
 RT: 8.36 min Scan# 2418
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

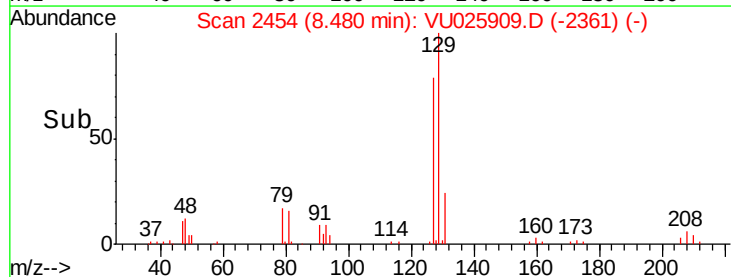
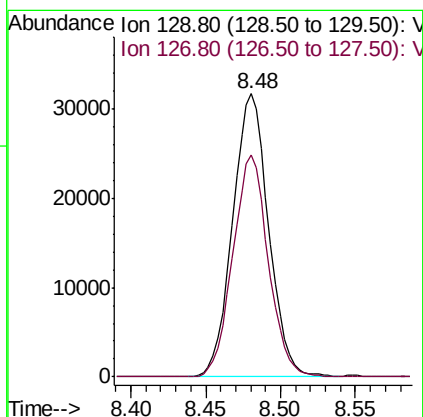
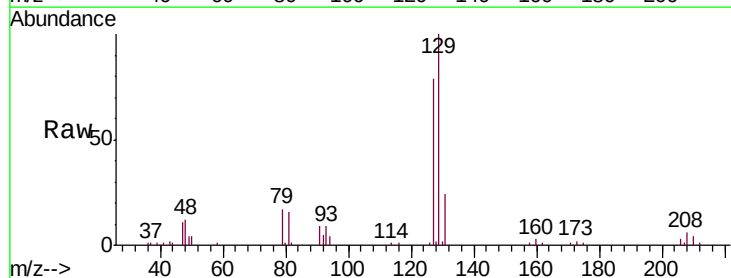
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS02

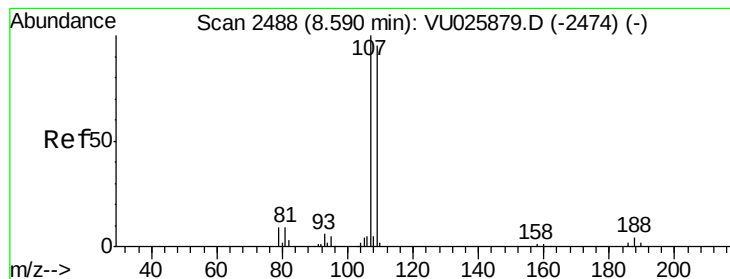
Tgt Ion: 43 Resp: 320857
 Ion Ratio Lower Upper
 43 100
 58 53.0 26.2 78.5



#60
 Dibromochloromethane
 Concen: 20.153 ug/l
 RT: 8.48 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

Tgt Ion: 129 Resp: 52977
 Ion Ratio Lower Upper
 129 100
 127 77.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.619 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Instrument :

MSVOA_U

ClientSampleId :

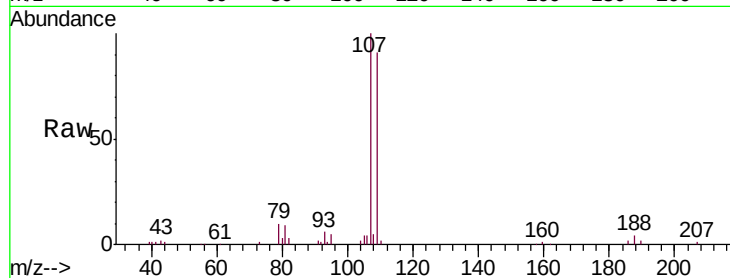
VU0806WBS02

Tgt Ion:107 Resp: 51118

Ion Ratio Lower Upper

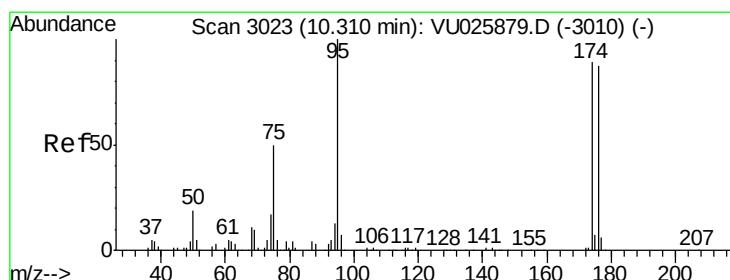
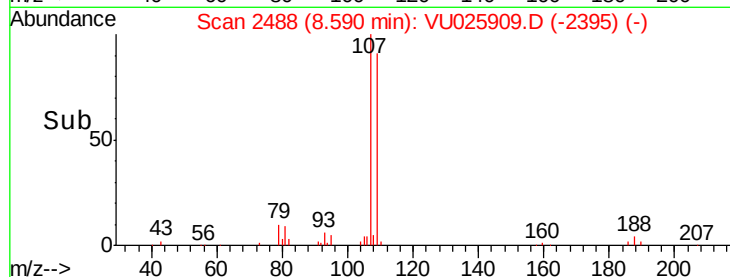
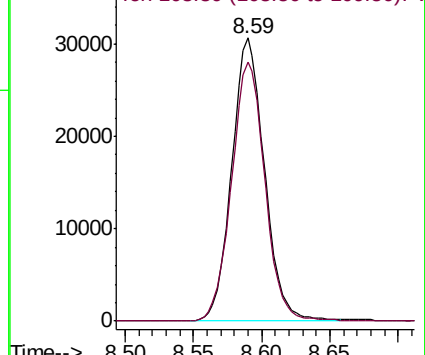
107 100

109 93.2 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.326 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

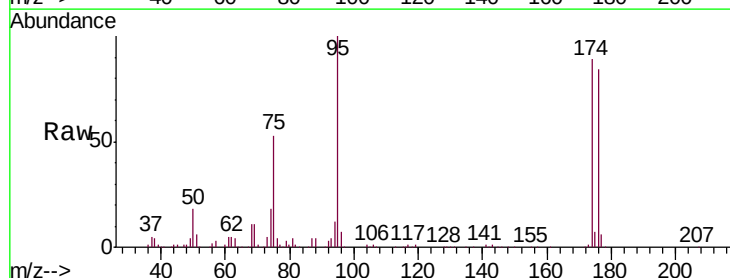
Tgt Ion: 95 Resp: 147284

Ion Ratio Lower Upper

95 100

174 88.7 0.0 172.2

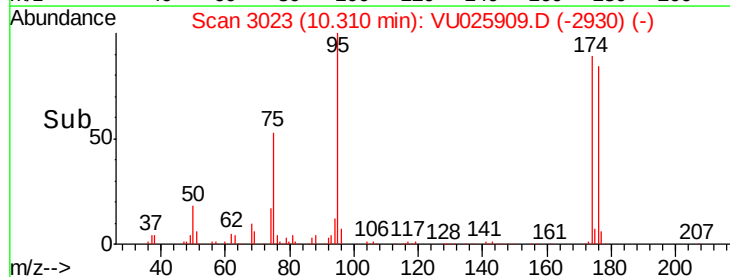
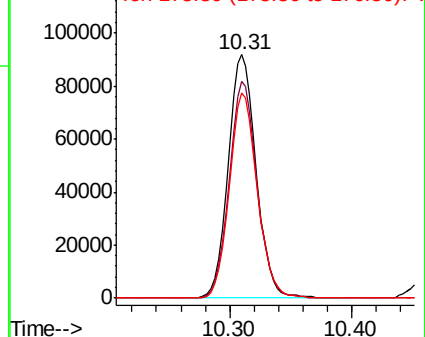
176 84.1 0.0 162.6

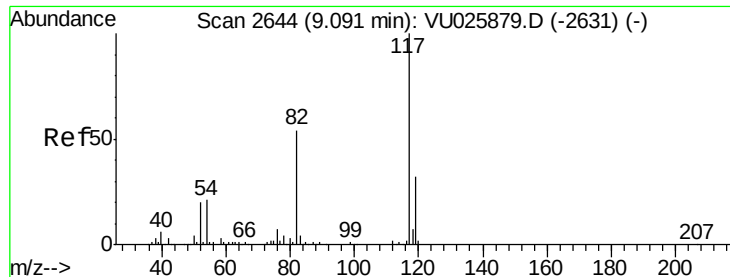


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

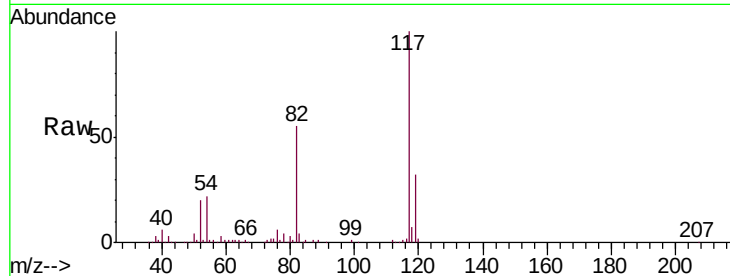




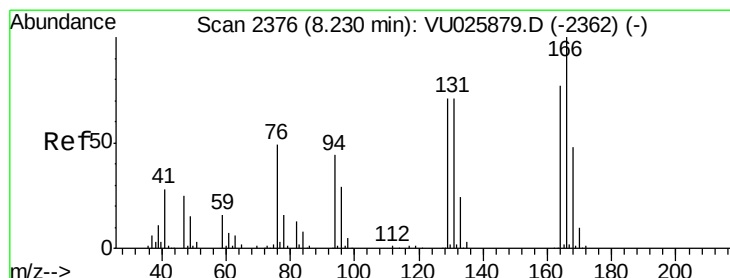
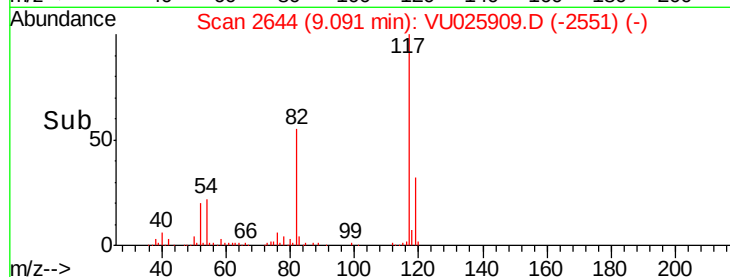
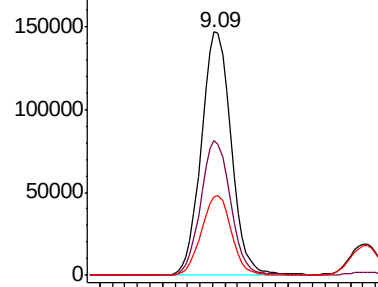
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS02

Tgt Ion:117 Resp: 243098
Ion Ratio Lower Upper
117 100
82 55.3 46.0 69.0
119 32.3 26.0 39.0

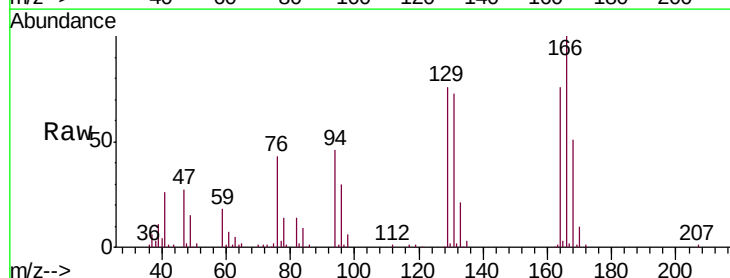


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

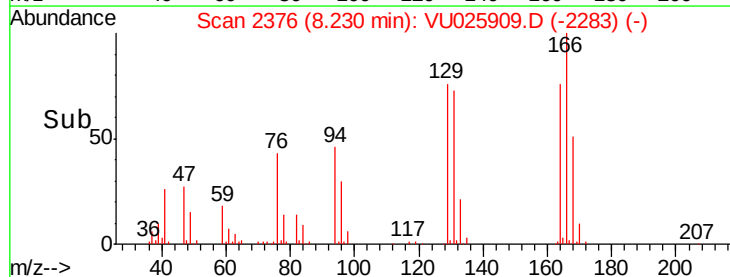
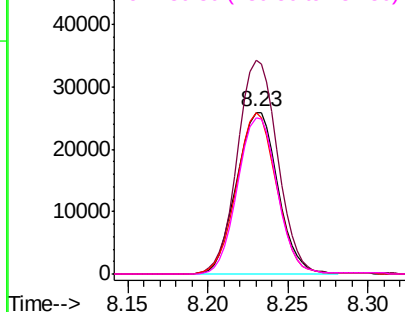


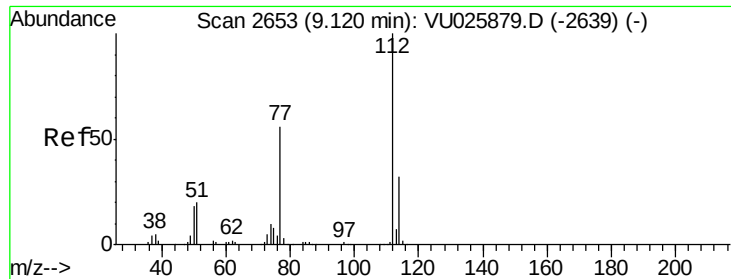
#64
Tetrachloroethene
Concen: 21.358 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

Tgt Ion:164 Resp: 45701
Ion Ratio Lower Upper
164 100
166 132.1 101.1 151.7
129 99.8 73.0 109.6
131 96.5 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

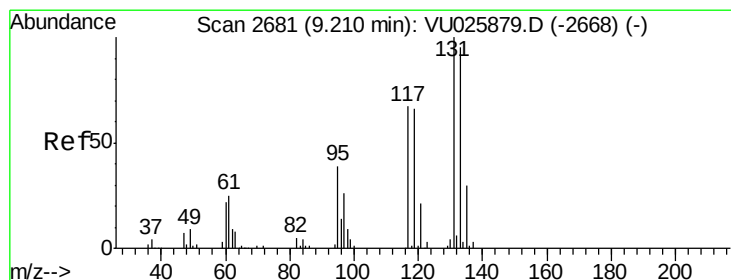
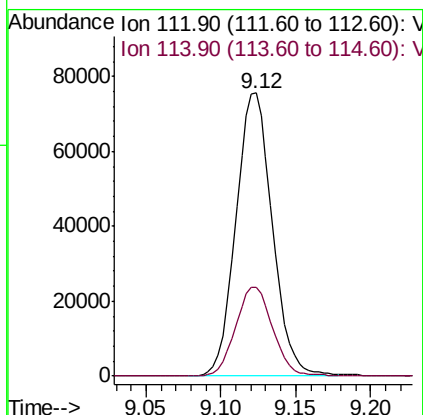
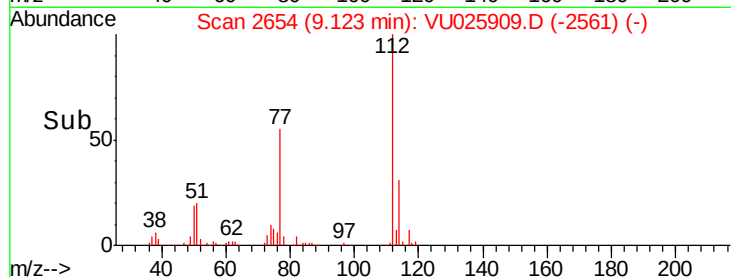
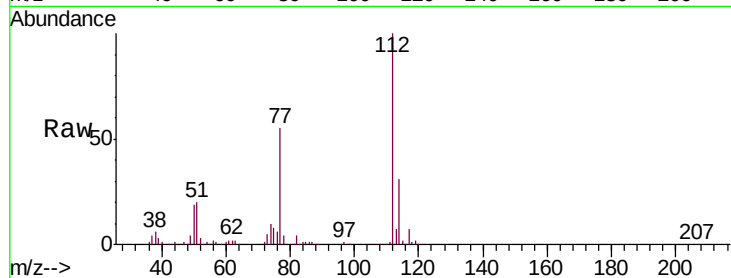




#65
Chlorobenzene
Concen: 20.425 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

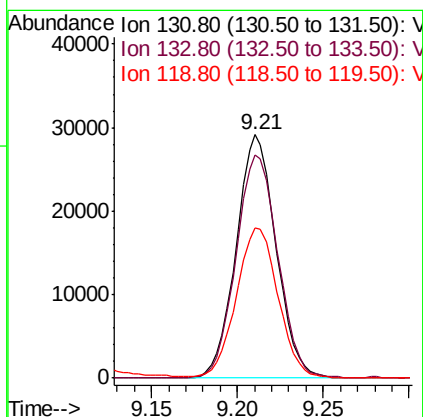
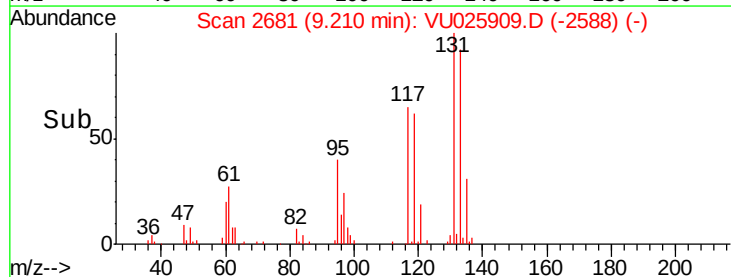
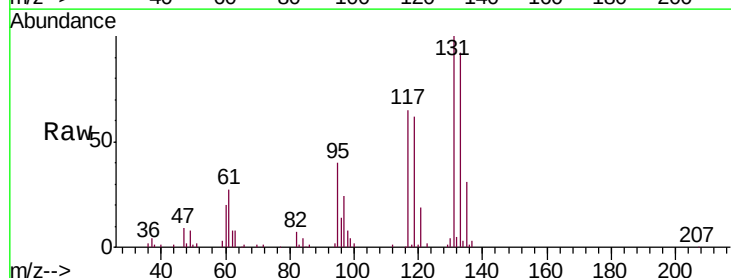
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS02

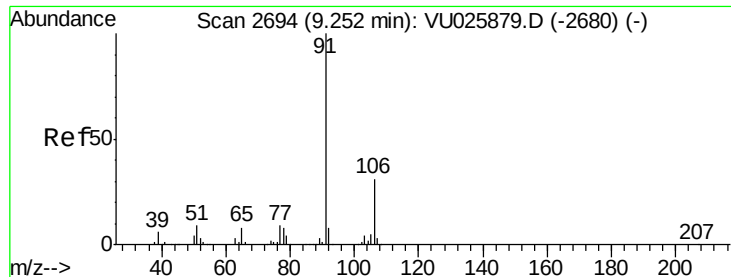
Tgt Ion:112 Resp: 128014
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.666 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

Tgt Ion:131 Resp: 46856
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.3
119 64.7 31.6 95.0

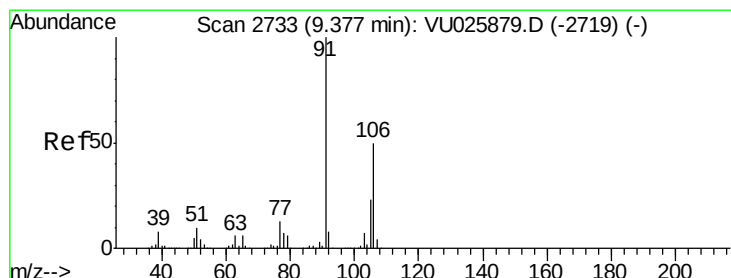
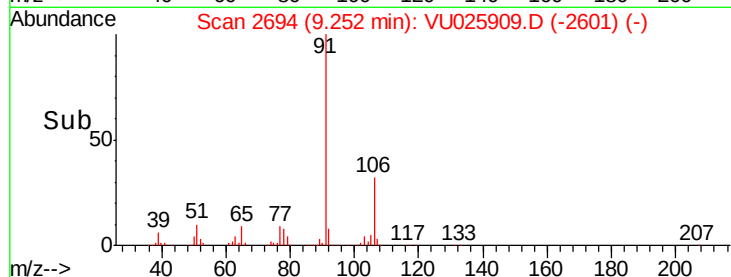
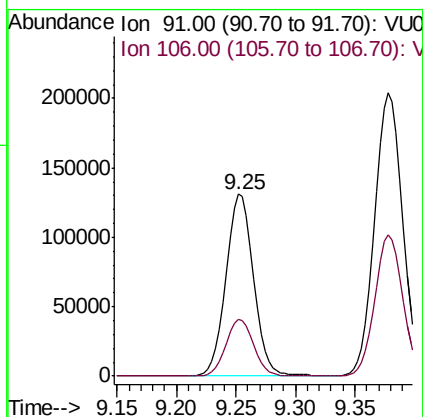
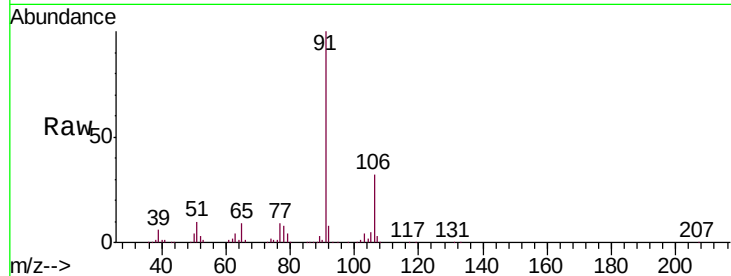




#67
 Ethyl Benzene
 Concen: 20.383 ug/l
 RT: 9.25 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

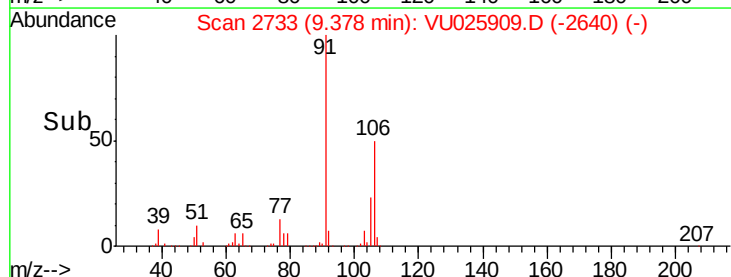
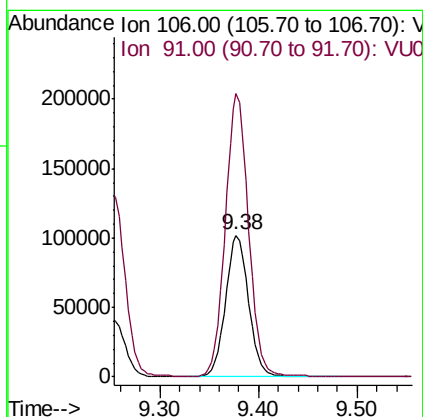
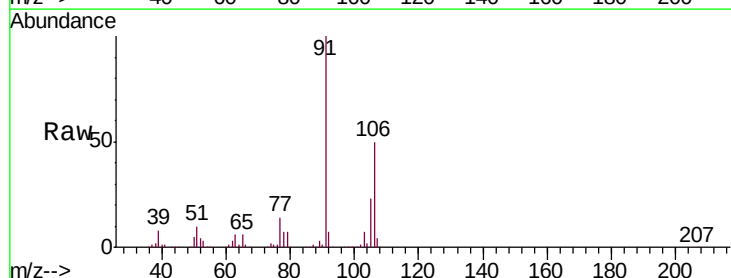
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS02

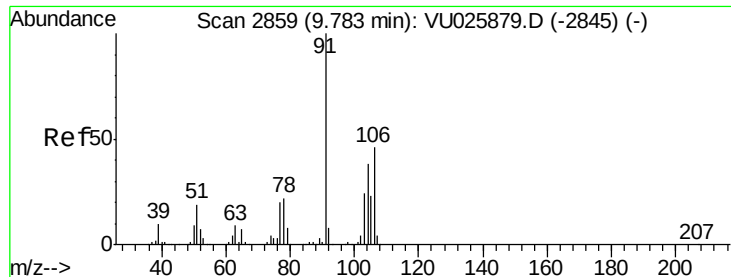
Tgt Ion: 91 Resp: 211620
 Ion Ratio Lower Upper
 91 100
 106 31.5 25.3 37.9



#68
 m/p-Xylenes
 Concen: 42.067 ug/l
 RT: 9.38 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

Tgt Ion: 106 Resp: 167671
 Ion Ratio Lower Upper
 106 100
 91 200.8 162.3 243.5

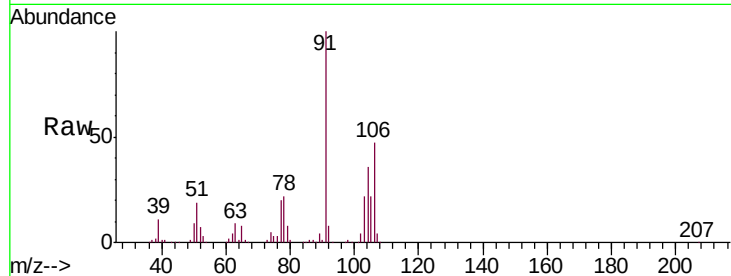




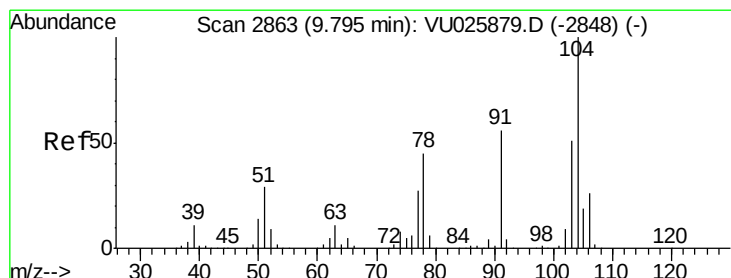
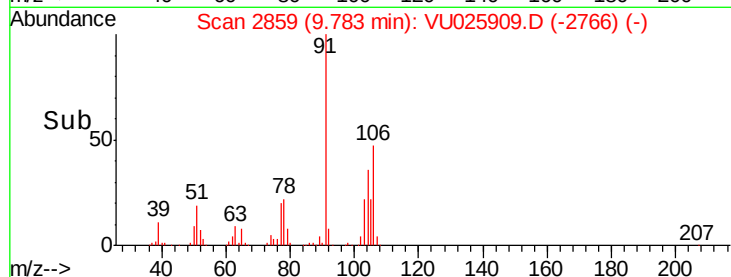
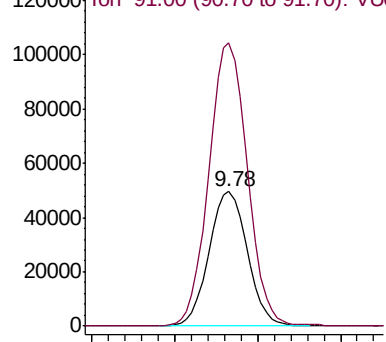
#69
o-Xylene
Concen: 20.475 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS02

Tgt Ion:106 Resp: 79759
Ion Ratio Lower Upper
106 100
91 211.7 105.3 315.8

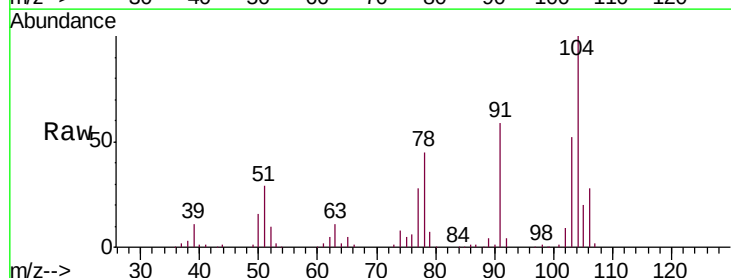


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

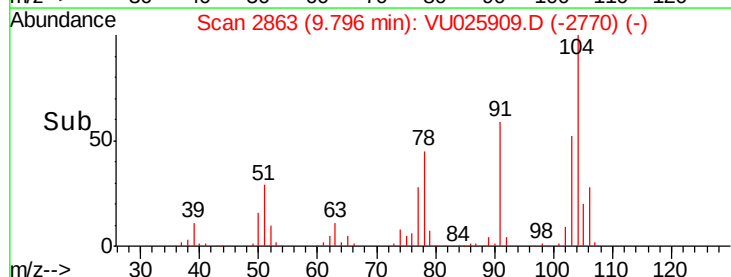
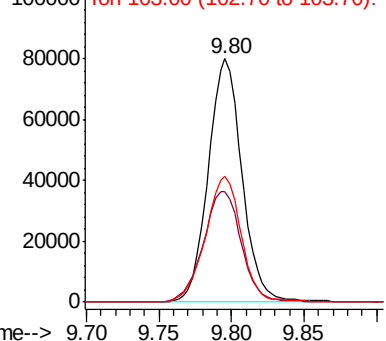


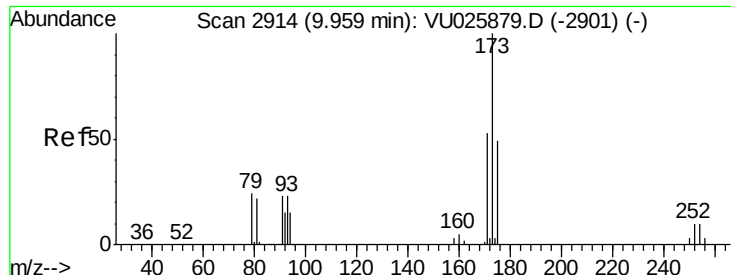
#70
Styrene
Concen: 20.544 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

Tgt Ion:104 Resp: 129266
Ion Ratio Lower Upper
104 100
78 51.3 41.6 62.4
103 55.2 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: 20.192 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS02

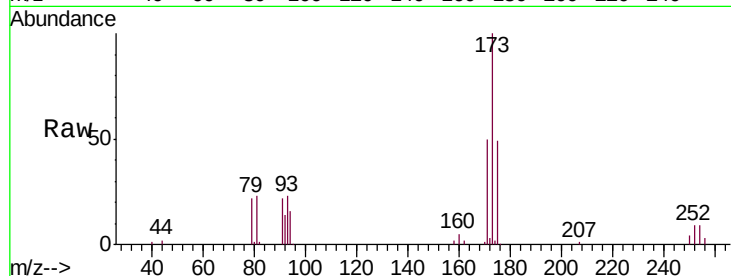
Tgt Ion:173 Resp: 39698

Ion Ratio Lower Upper

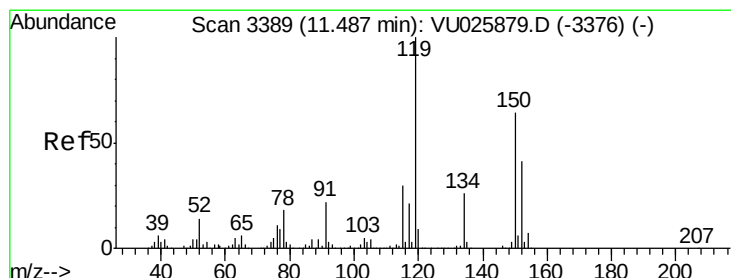
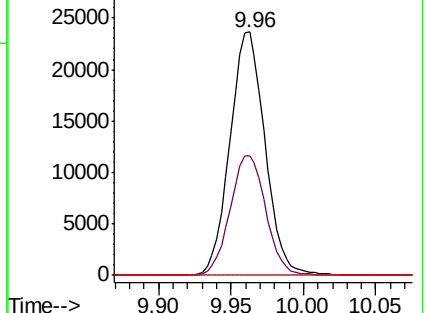
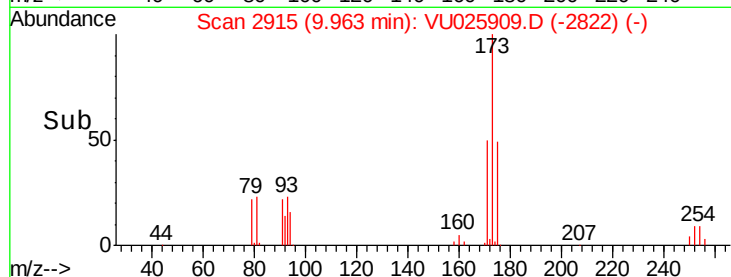
173 100

175 49.7 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: VU025909.D

Acq: 07 Aug 2018 01:07

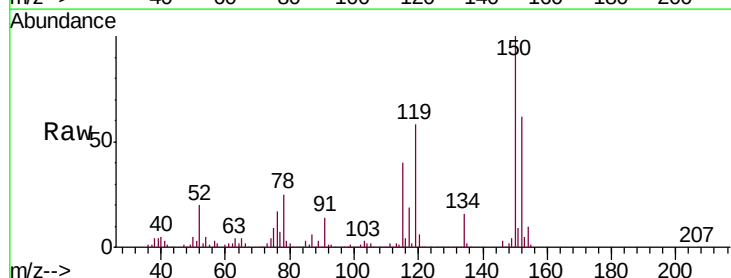
Tgt Ion:152 Resp: 151733

Ion Ratio Lower Upper

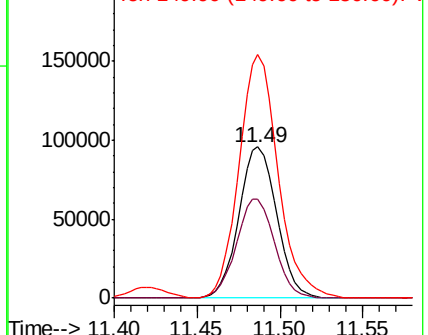
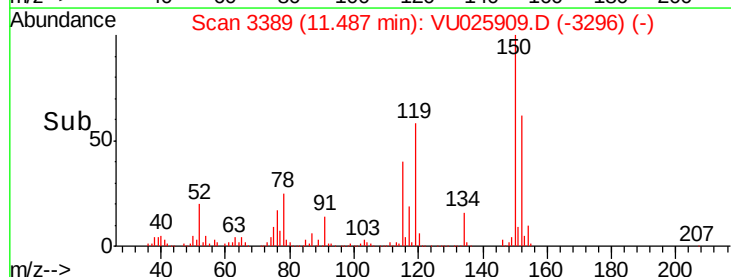
152 100

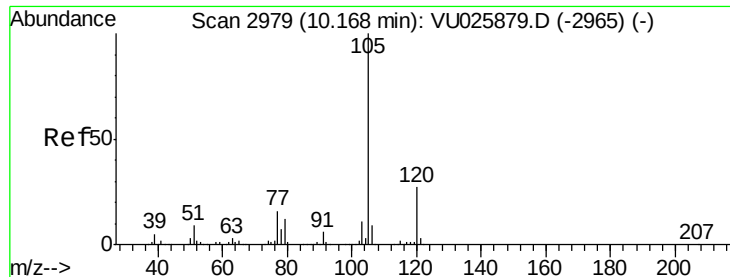
115 66.5 40.1 120.3

150 166.9 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: 20.946 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Instrument :

MSVOA_U

ClientSampleId :

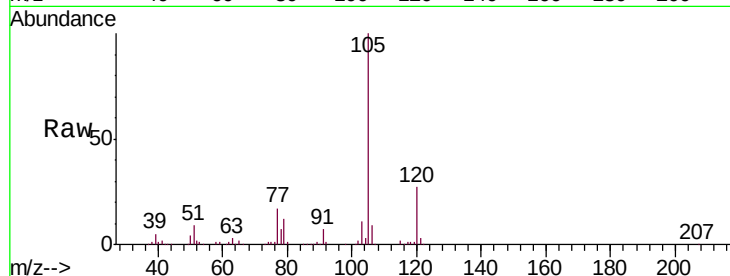
VU0806WBS02

Tgt Ion:105 Resp: 216922

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

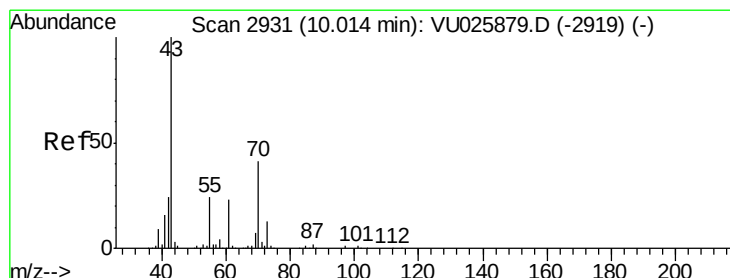
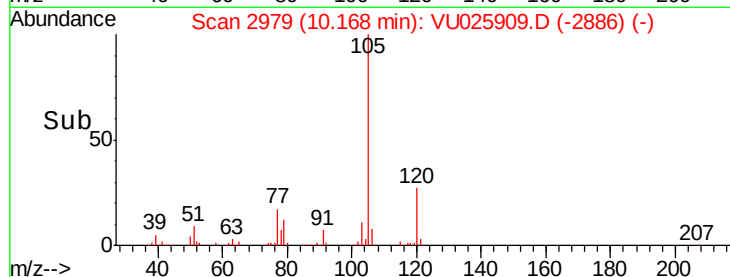
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 21.070 ug/l

RT: 10.02 min Scan# 2932

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Tgt Ion: 43 Resp: 89078

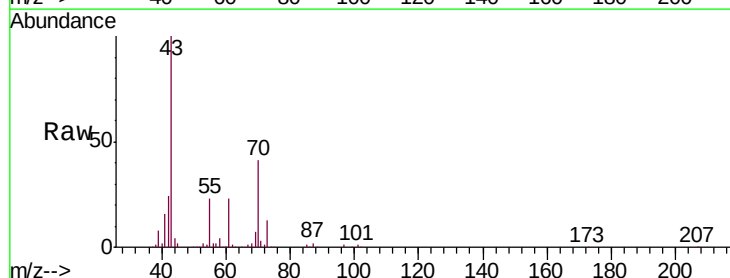
Ion Ratio Lower Upper

43 100

70 41.7 33.4 50.2

55 23.4 19.0 28.6

61 22.9 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

10.02

80000

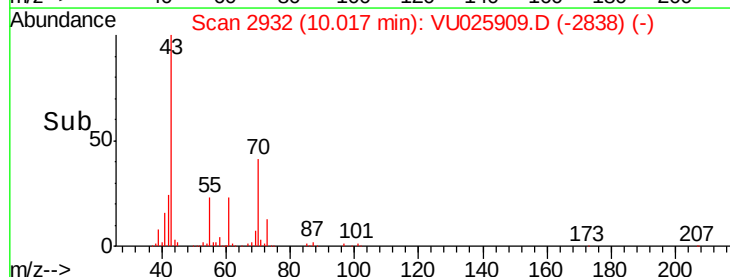
60000

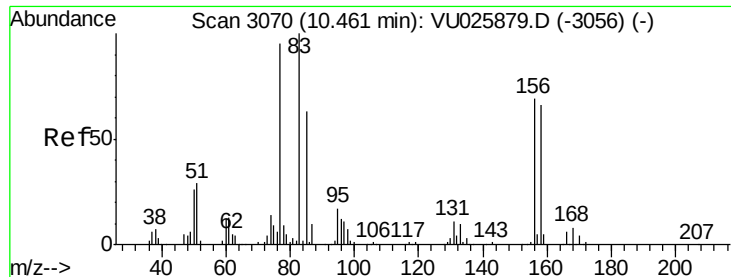
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.643 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS02

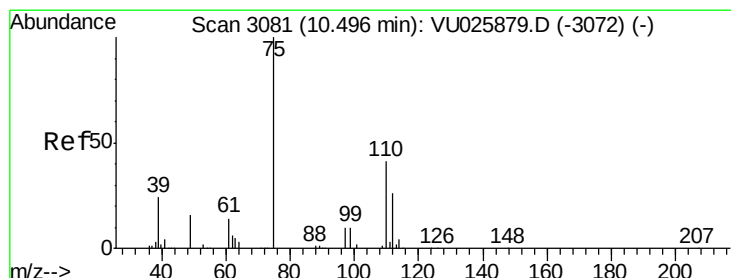
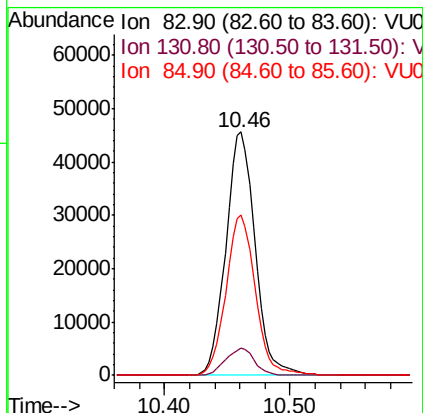
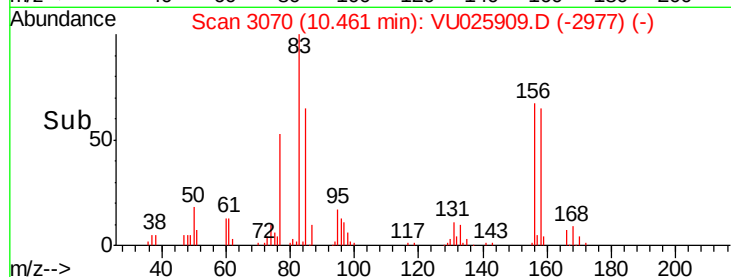
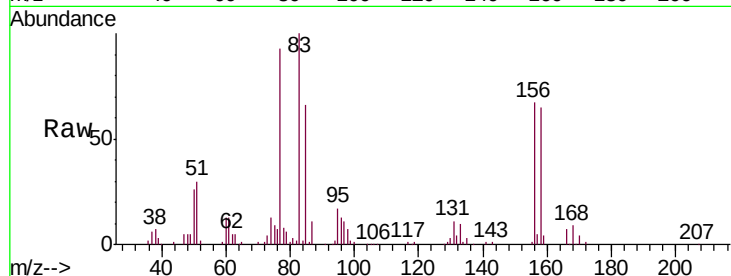
Tgt Ion: 83 Resp: 73928

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

85 66.0 31.6 94.8



#76

1,2,3-Trichloropropane

Concen: 24.663 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025909.D

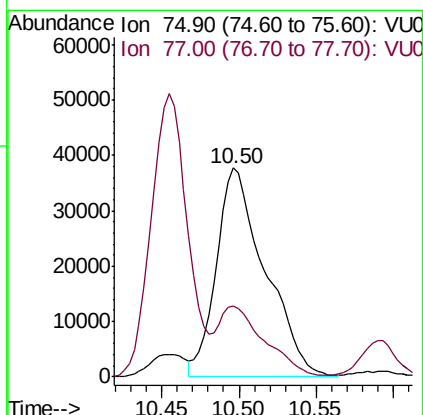
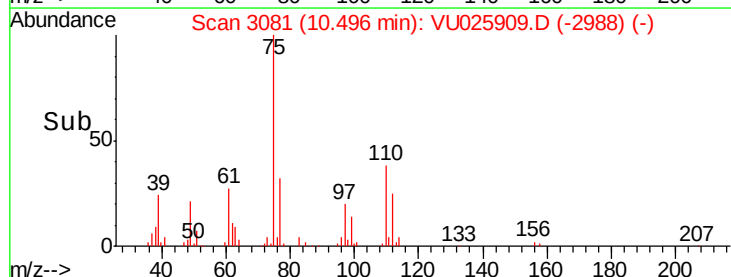
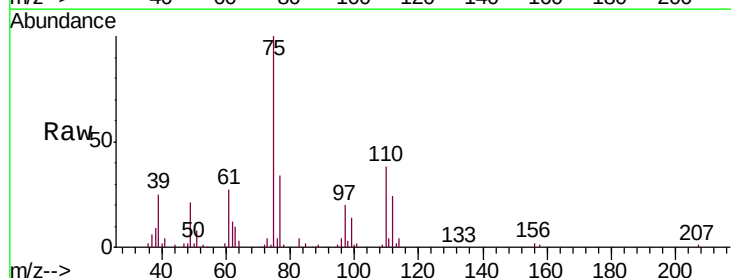
Acq: 07 Aug 2018 01:07

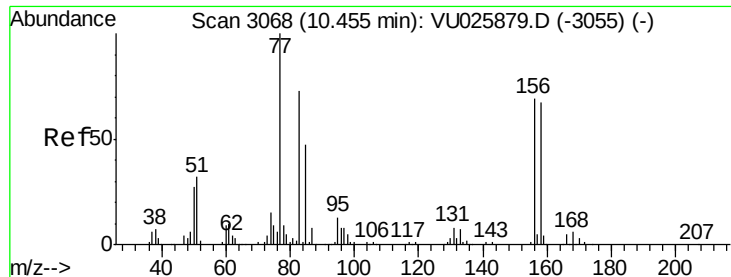
Tgt Ion: 75 Resp: 82452

Ion Ratio Lower Upper

75 100

77 31.4 20.4 61.3





#77

Bromobenzene

Concen: 20.123 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS02

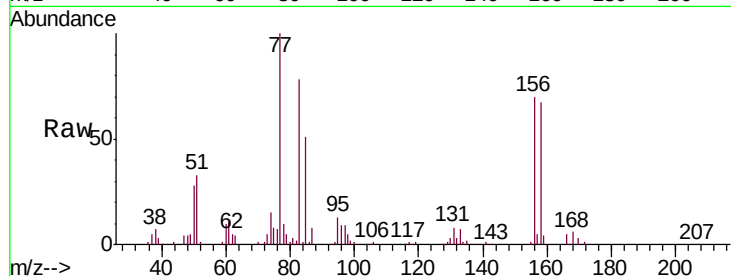
Tgt Ion:156 Resp: 57482

Ion Ratio Lower Upper

156 100

77 145.2 73.8 221.4

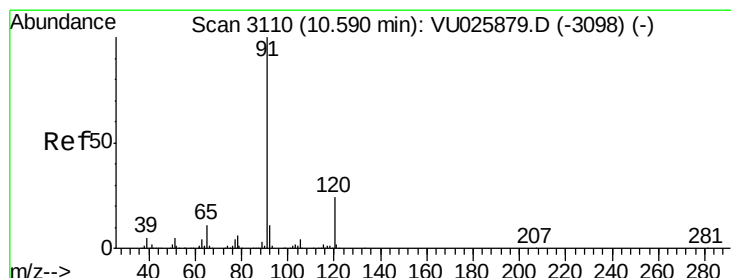
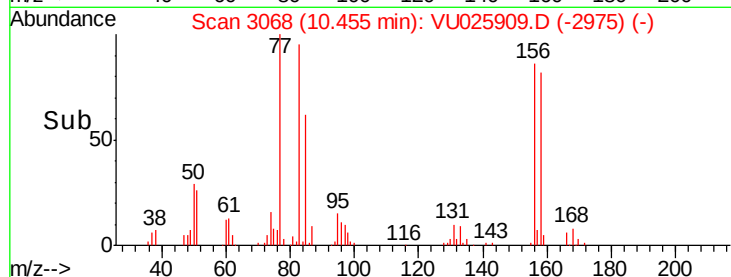
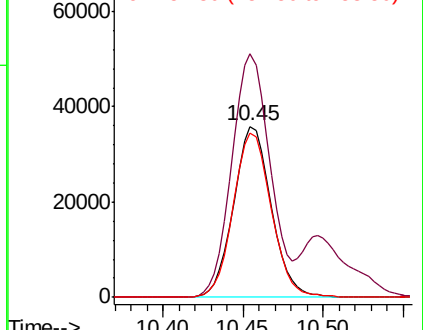
158 97.4 48.0 144.0



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: 20.568 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025909.D

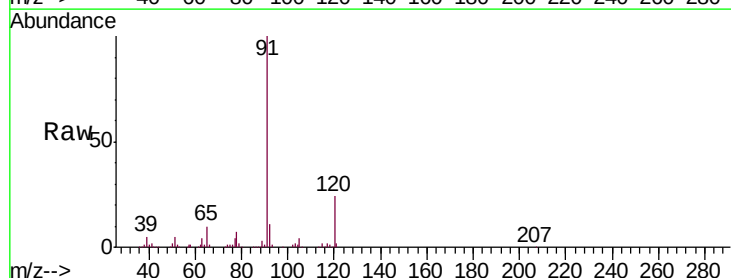
Acq: 07 Aug 2018 01:07

Tgt Ion: 91 Resp: 248607

Ion Ratio Lower Upper

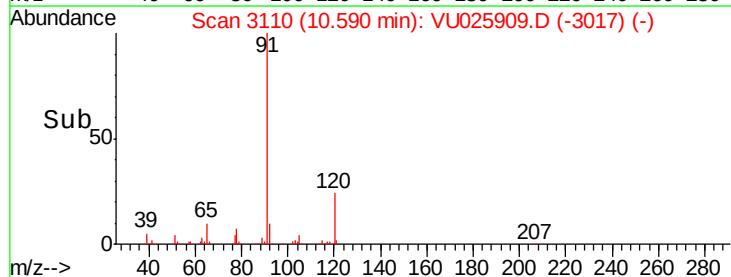
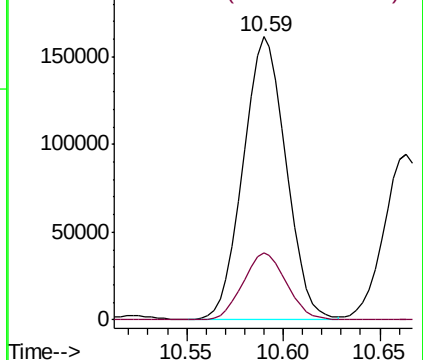
91 100

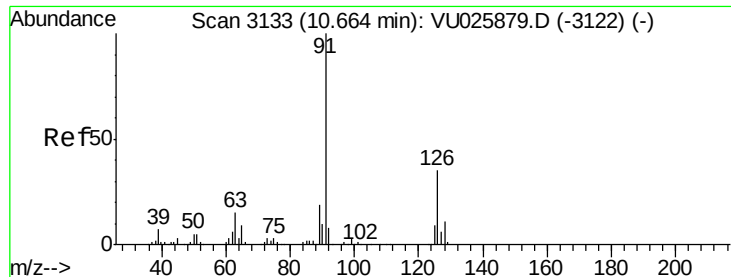
120 24.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.287 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Instrument :

MSVOA_U

ClientSampleId :

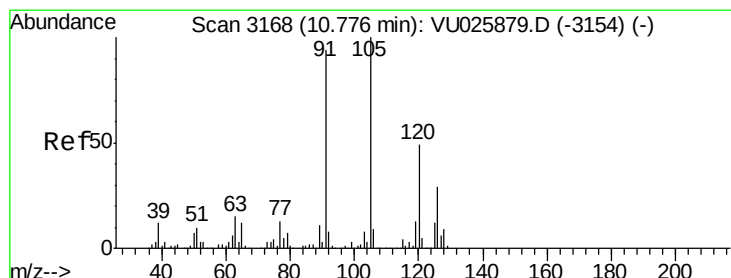
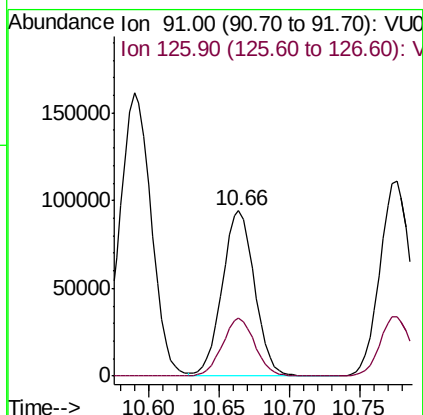
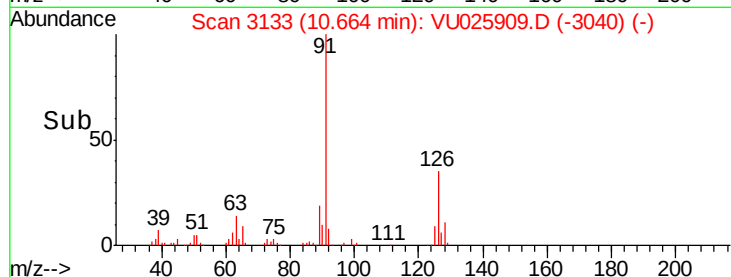
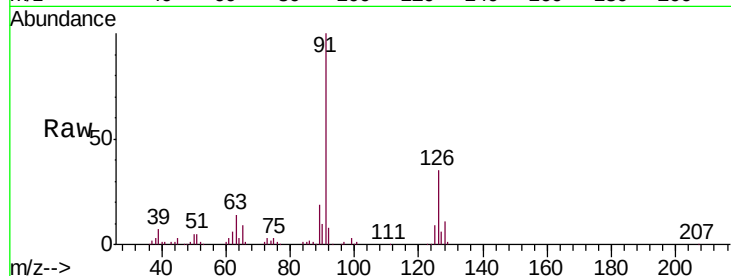
VU0806WBS02

Tgt Ion: 91 Resp: 150707

Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 20.944 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025909.D

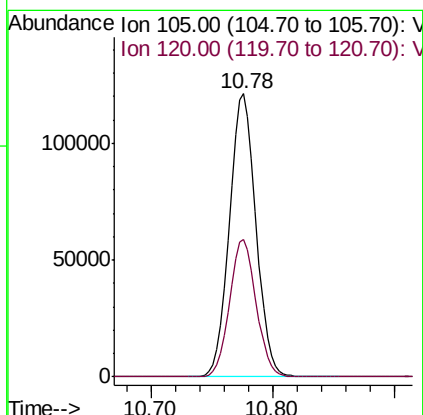
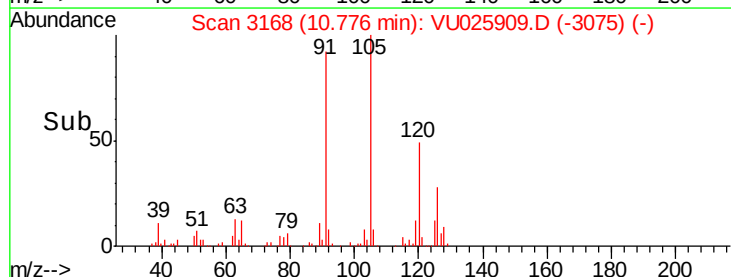
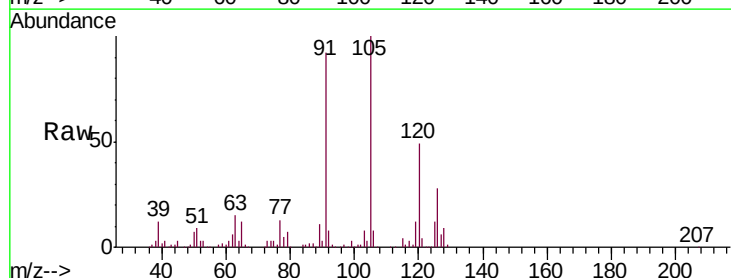
Acq: 07 Aug 2018 01:07

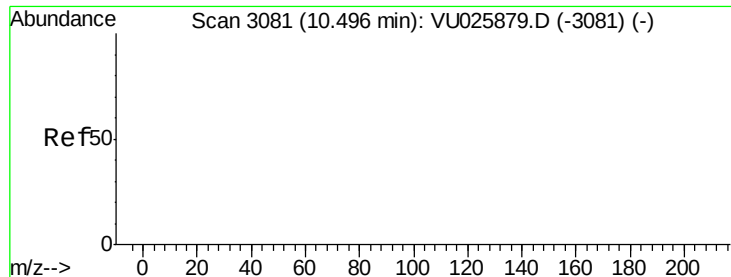
Tgt Ion: 105 Resp: 184210

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2

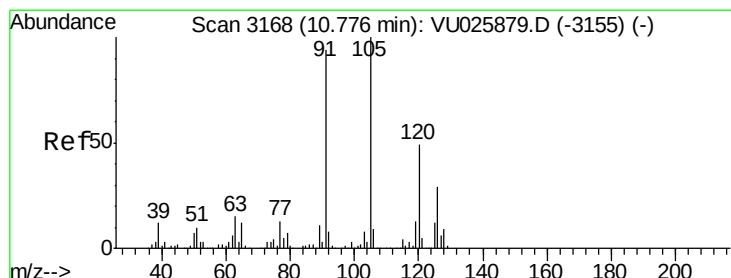
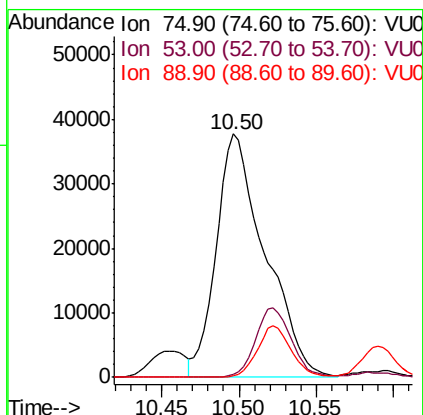
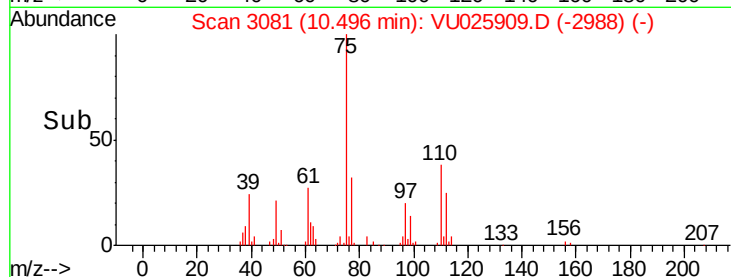
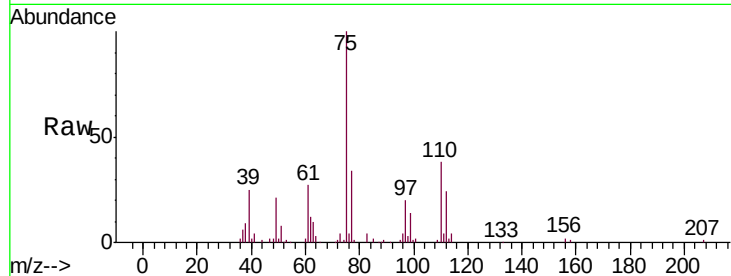




#81
trans-1,4-Dichloro-2-butene
Concen: 61.842 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

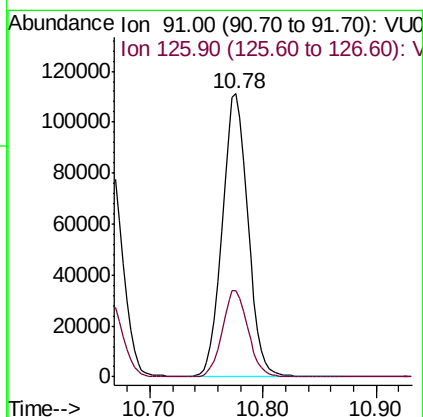
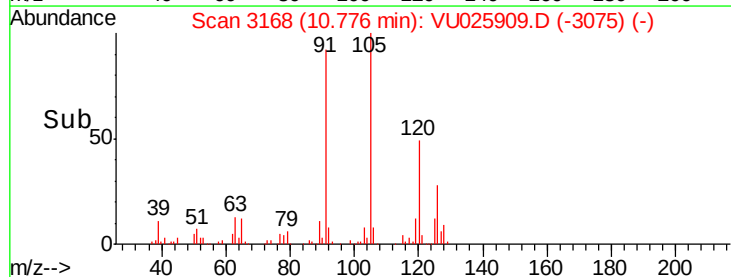
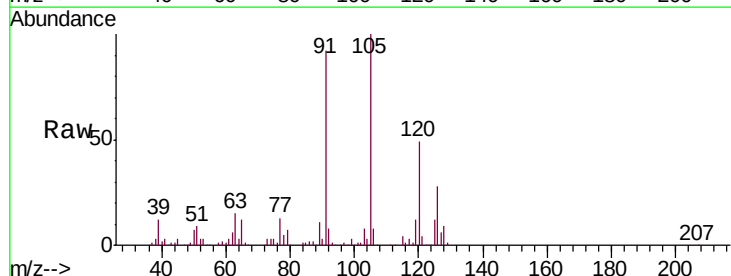
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS02

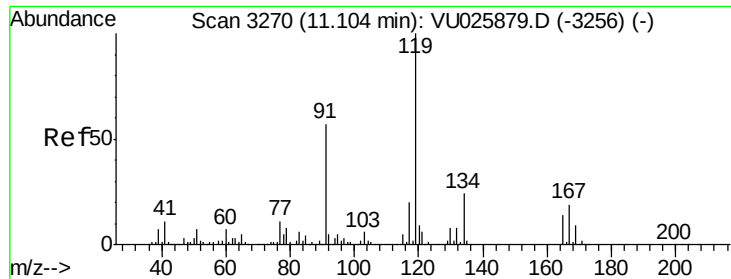
Tgt Ion: 75 Resp: 82452
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 21.058 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

Tgt Ion: 91 Resp: 175735
Ion Ratio Lower Upper
91 100
126 30.6 15.3 45.9

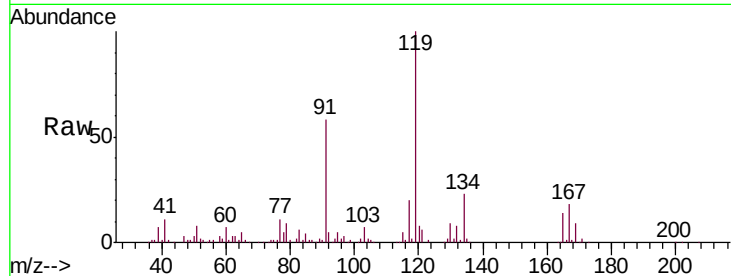




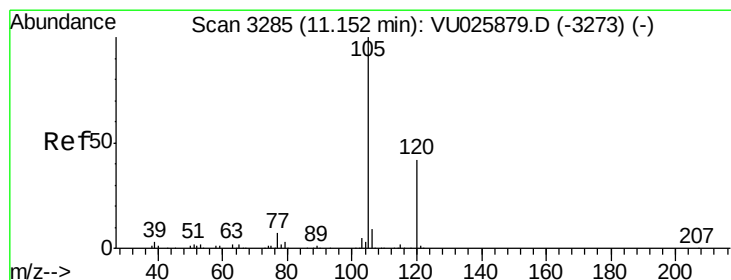
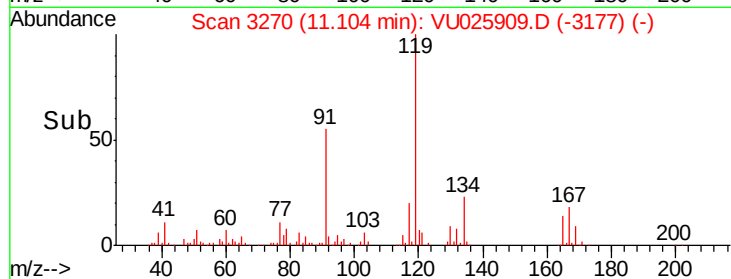
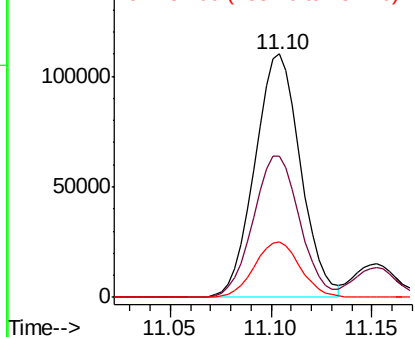
#83
 tert-Butylbenzene
 Concen: 19.946 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS02

Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.9	29.7	89.1
134	22.9	11.5	34.5

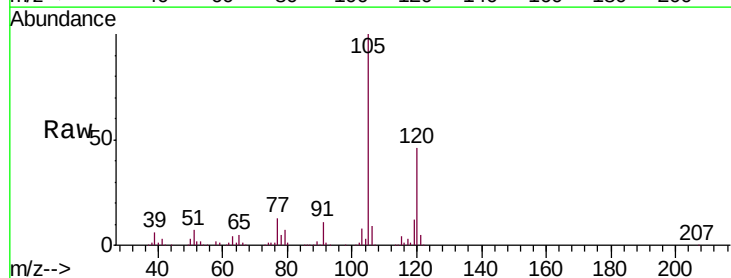


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

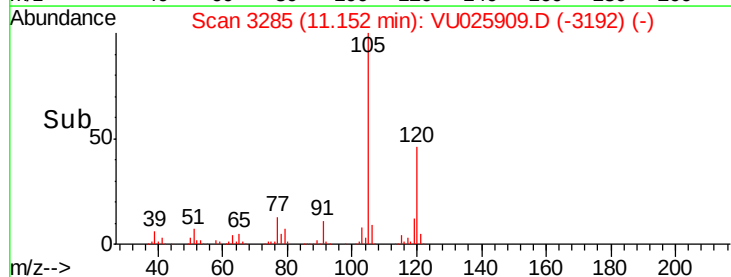
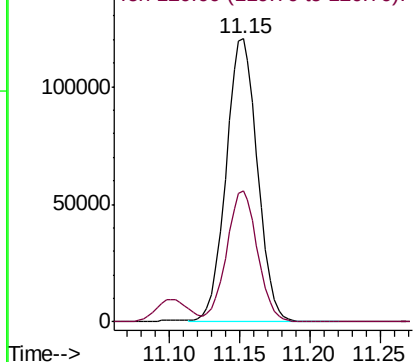


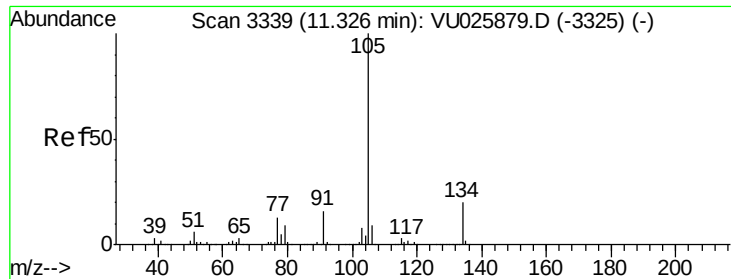
#84
 1,2,4-Trimethylbenzene
 Concen: 21.014 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.3	66.8



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

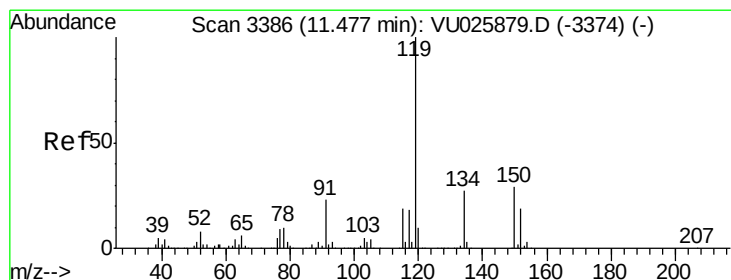
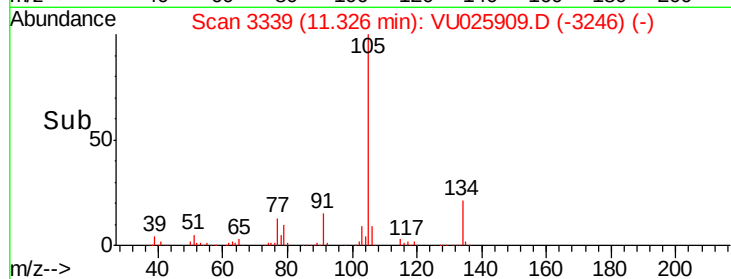
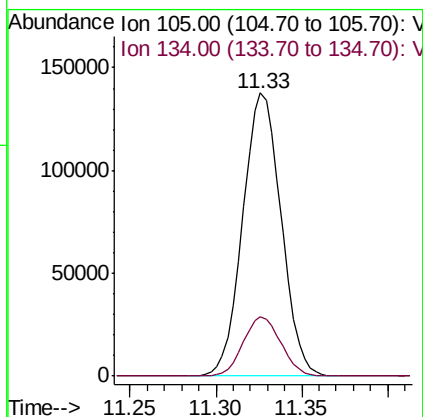
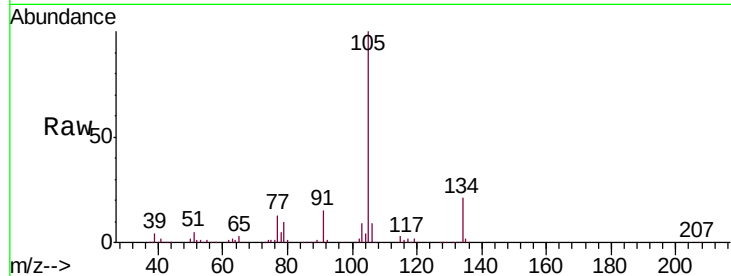




#85
 sec-Butylbenzene
 Concen: 20.033 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

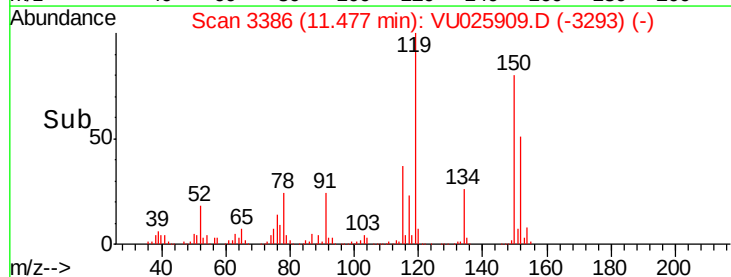
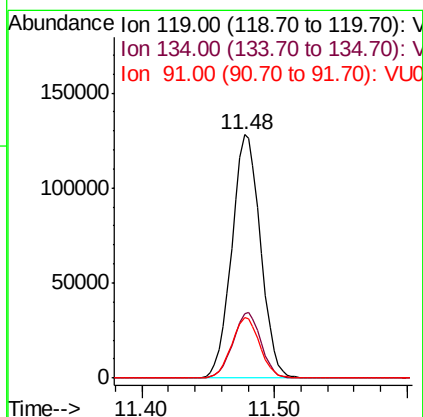
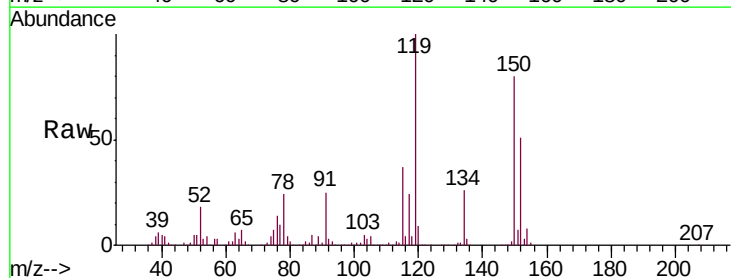
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS02

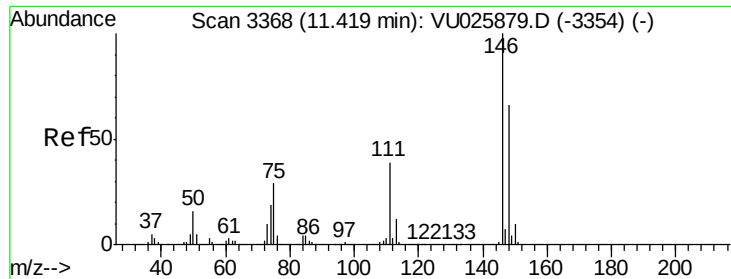
Tgt Ion:105 Resp: 213731
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.167 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

Tgt Ion:119 Resp: 192662
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 24.6 12.0 36.1

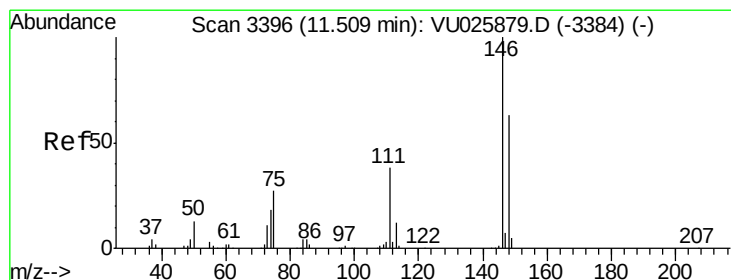
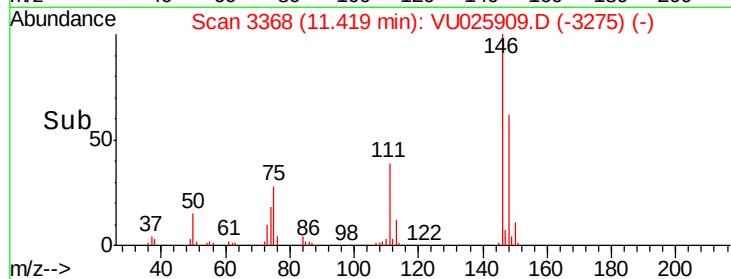
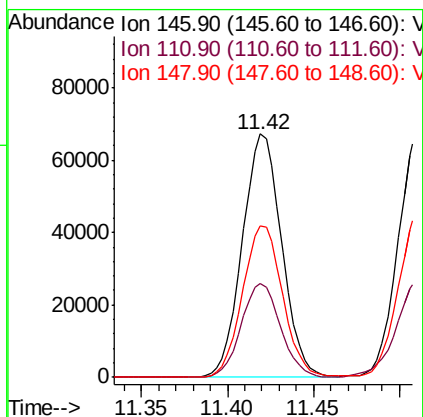
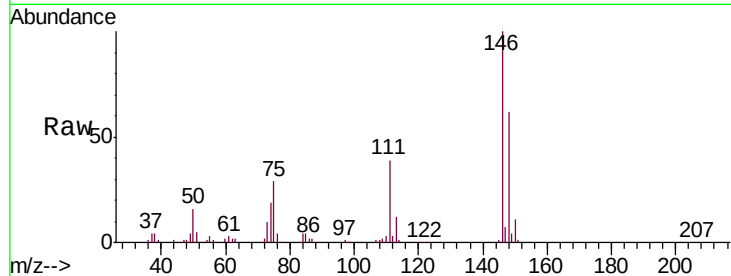




#87
 1,3-Dichlorobenzene
 Concen: 20.151 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

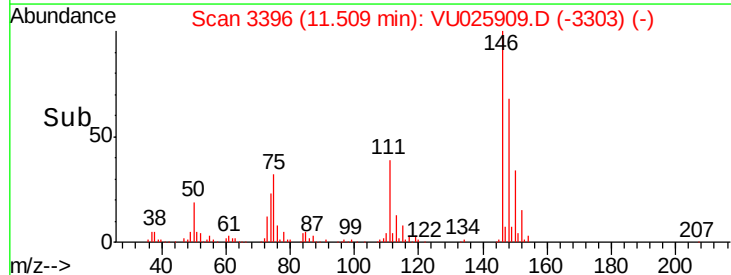
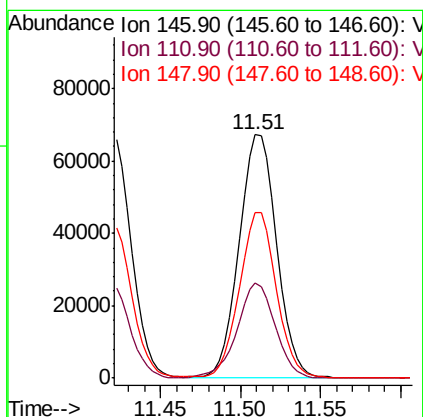
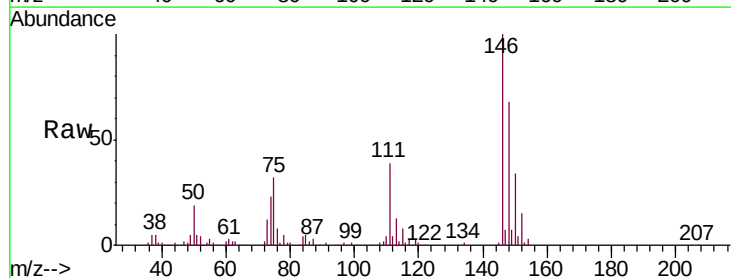
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS02

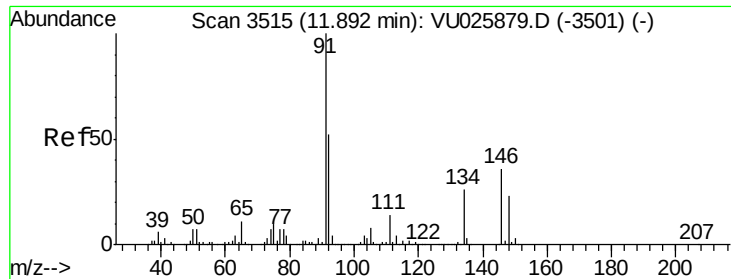
Tgt Ion:146 Resp: 106843
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.7 59.1
 148 63.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.319 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

Tgt Ion:146 Resp: 106776
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.4 58.1
 148 67.5 31.7 95.1





#89

n-Butylbenzene

Concen: 18.865 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025909.D

Acq: 07 Aug 2018 01:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS02

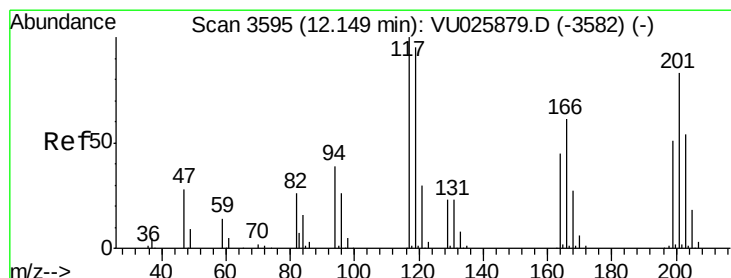
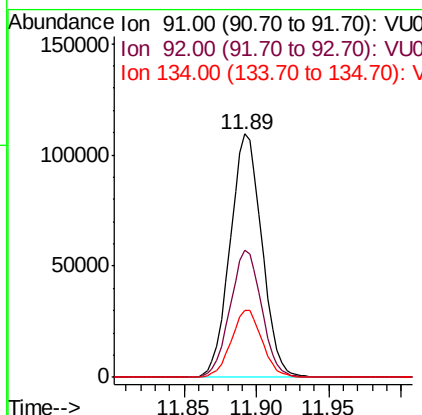
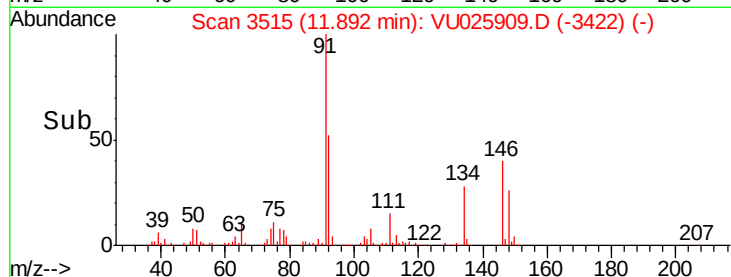
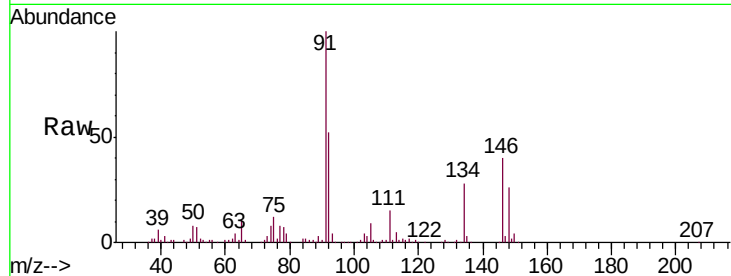
Tgt Ion: 91 Resp: 166313

Ion Ratio Lower Upper

91 100

92 51.8 26.5 79.5

134 27.0 13.6 40.7



#90

Hexachloroethane

Concen: 19.120 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025909.D

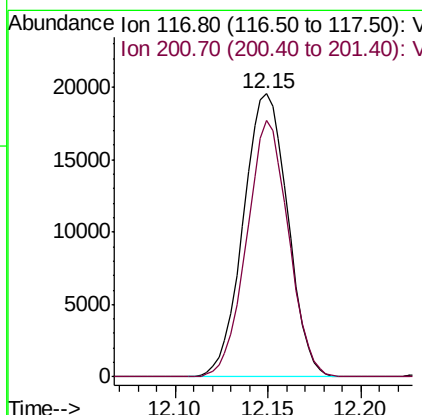
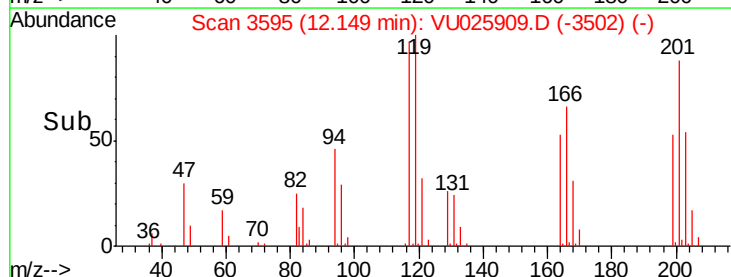
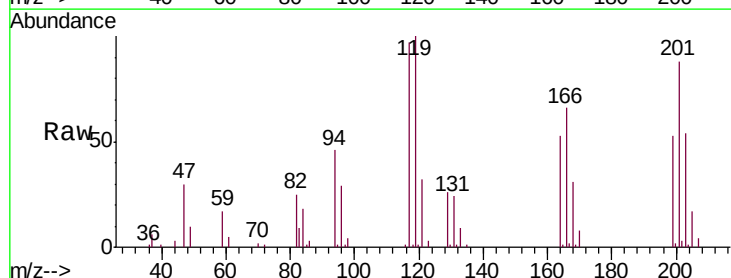
Acq: 07 Aug 2018 01:07

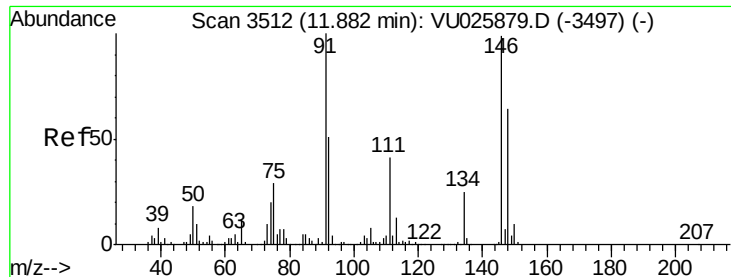
Tgt Ion: 117 Resp: 32477

Ion Ratio Lower Upper

117 100

201 85.1 42.5 127.6

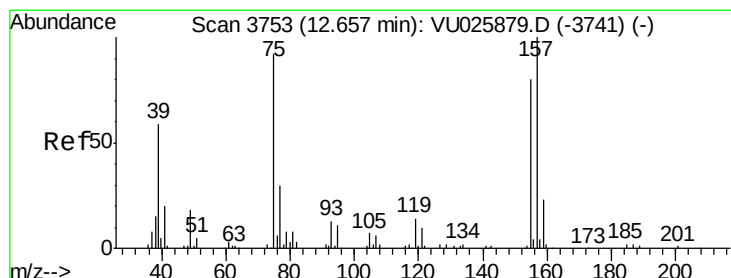
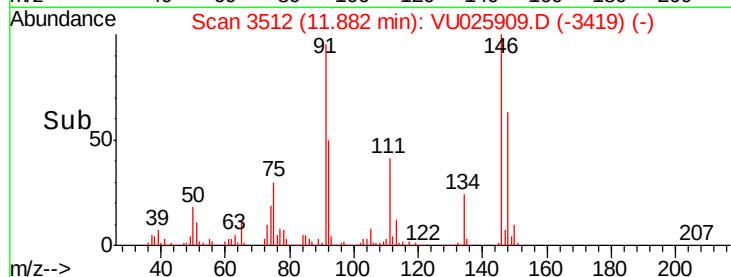
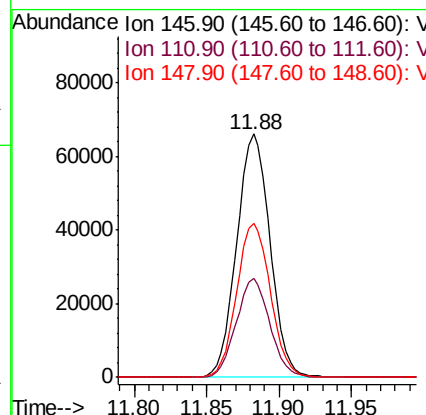
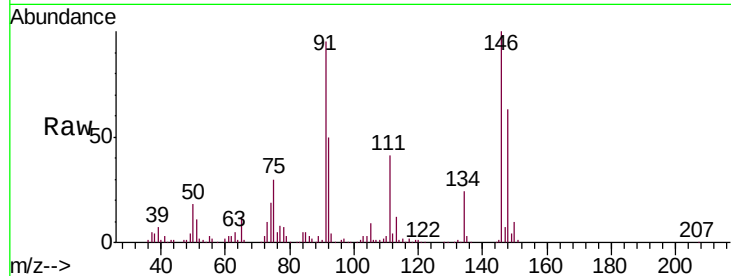




#91
 1,2-Dichlorobenzene
 Concen: 20.391 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

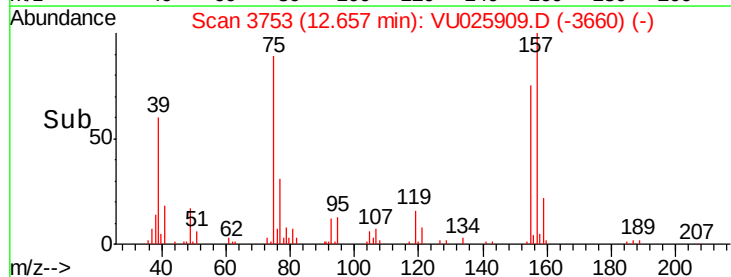
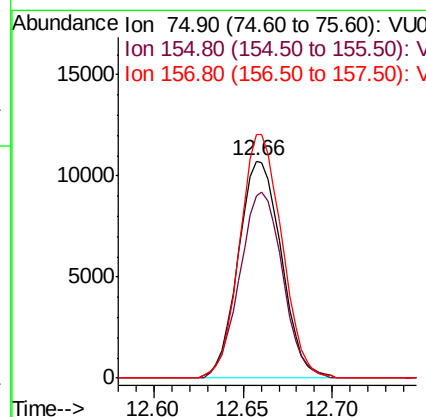
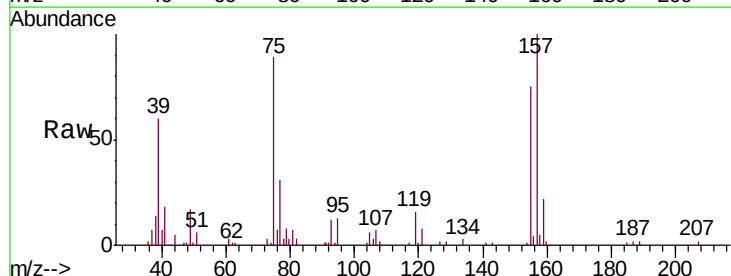
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS02

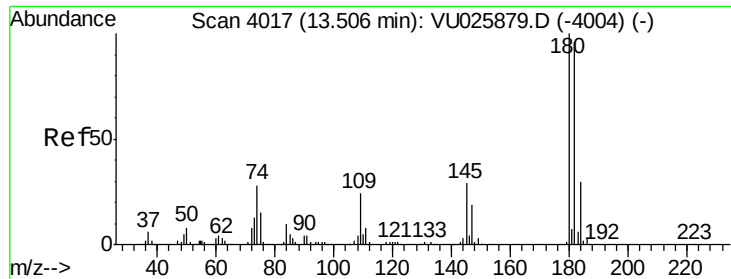
Tgt Ion:146 Resp: 105975
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.6 61.8
 148 63.9 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.253 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

Tgt Ion: 75 Resp: 18044
 Ion Ratio Lower Upper
 75 100
 155 85.2 44.5 133.3
 157 109.6 57.0 170.8

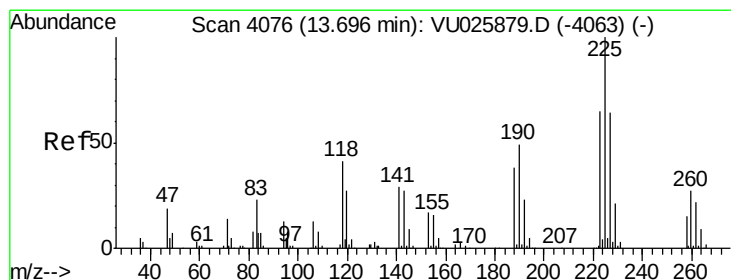
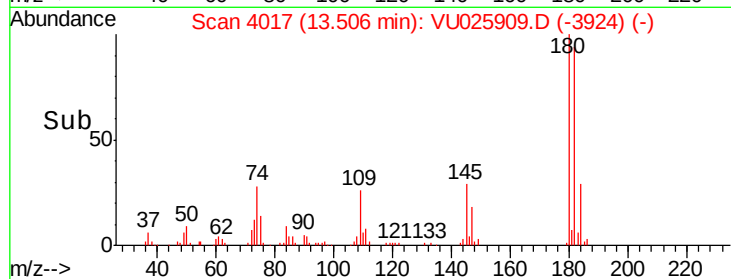
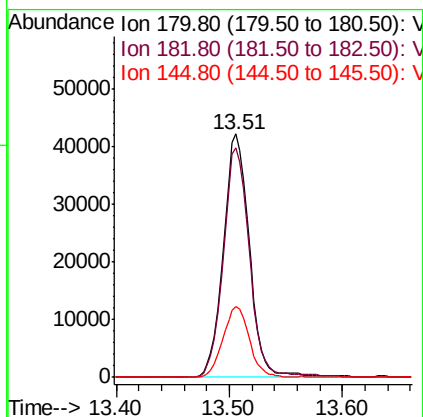
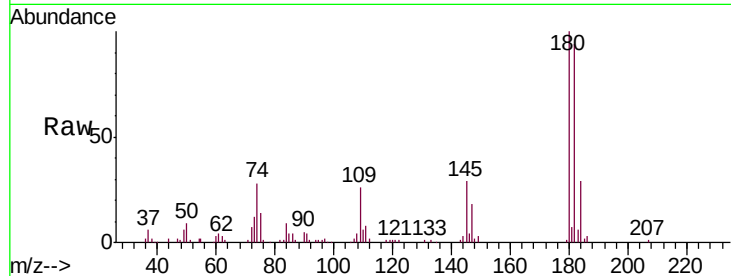




#93
 1,2,4-Trichlorobenzene
 Concen: 19.298 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

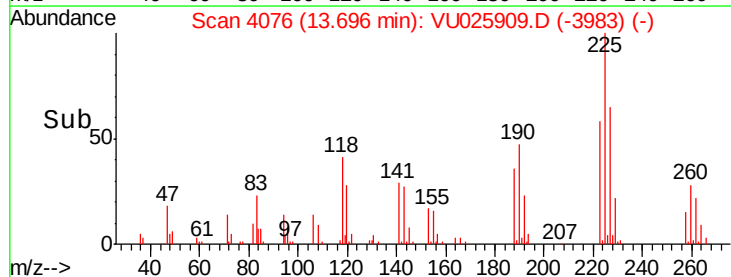
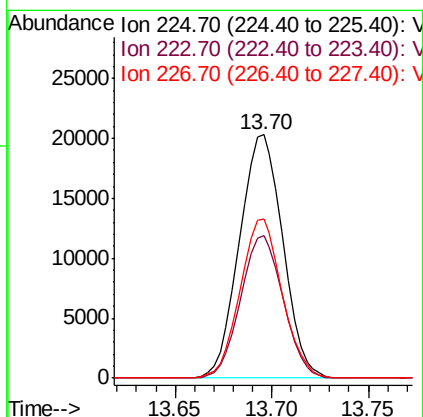
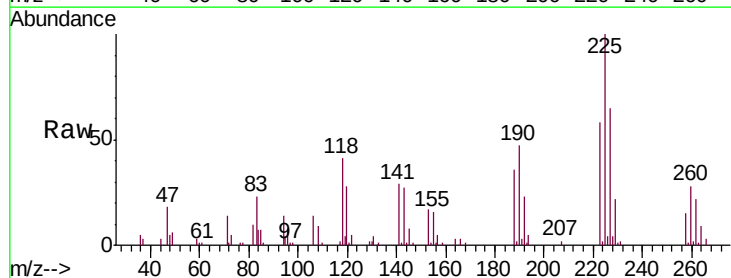
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS02

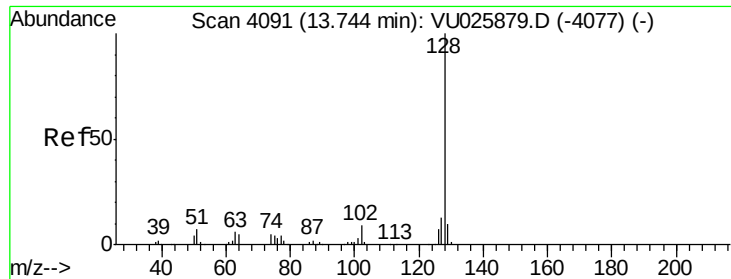
Tgt Ion:180 Resp: 67690
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.3 141.9
 145 29.3 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 17.143 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025909.D
 Acq: 07 Aug 2018 01:07

Tgt Ion:225 Resp: 31697
 Ion Ratio Lower Upper
 225 100
 223 57.2 31.9 95.7
 227 63.2 32.3 96.9

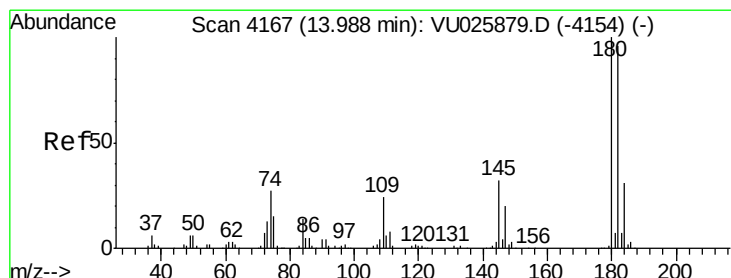
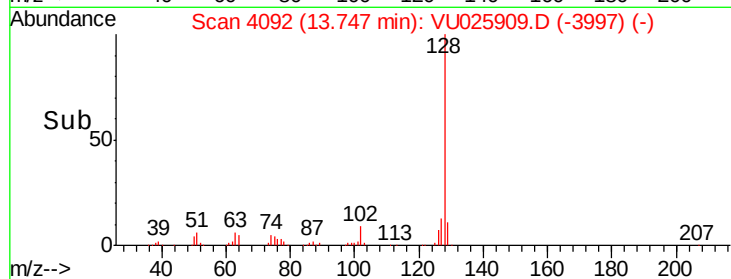
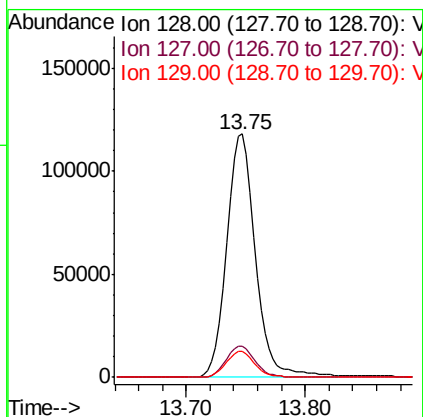
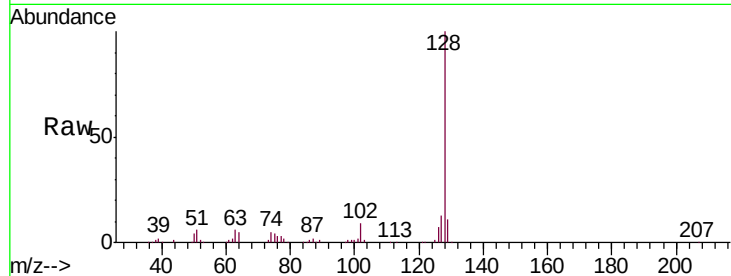




#95
Naphthalene
Concen: 18.391 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS02

Tgt Ion:128 Resp: 198066
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.5 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 19.402 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025909.D
Acq: 07 Aug 2018 01:07

Tgt Ion:180 Resp: 67890
Ion Ratio Lower Upper
180 100
182 99.6 47.8 143.3
145 31.0 15.6 46.8

