

Data File : VU025910.D
Acq On : 07 Aug 2018 01:30
Operator : MD/SY
Sample : VN0806WBSD02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0806WBSD02

Quant Time: Aug 07 04:40:18 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	165104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	252892	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	243815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	152833	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	136578	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
35) Dibromofluoromethane	4.89	113	112201	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	7.57	98	394067	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
62) 4-Bromofluorobenzene	10.31	95	148150	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	38335	15.362	ug/l	98
3) Chloromethane	1.33	50	38848	16.288	ug/l	100
4) Vinyl Chloride	1.40	62	42317	18.853	ug/l	96
5) Bromomethane	1.63	94	22400	20.433	ug/l	99
6) Chloroethane	1.70	64	25382	19.339	ug/l	97
7) Trichlorofluoromethane	1.89	101	62857	19.369	ug/l	99
8) Diethyl Ether	2.10	74	22549	19.203	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.28	101	36765	19.576	ug/l	97
10) Methyl Iodide	2.41	142	23081	19.507	ug/l	98
11) Tert butyl alcohol	2.83	59	58888	104.556	ug/l	99
12) 1,1-Dichloroethene	2.28	96	35681	20.128	ug/l	92
13) Acrolein	2.19	56	32835	160.249	ug/l	100
14) Allyl chloride	2.59	41	59313	18.618	ug/l	100
15) Acrylonitrile	2.94	53	116166	103.303	ug/l	98
16) Acetone	2.32	43	138110	110.118	ug/l	100
17) Carbon Disulfide	2.48	76	112843	19.668	ug/l	100
18) Methyl Acetate	2.62	43	58103	19.248	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	131685	20.499	ug/l	98
20) Methylene Chloride	2.70	84	44282	19.922	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	41802	20.399	ug/l	98
22) Diisopropyl ether	3.58	45	132755	21.147	ug/l	95
23) Vinyl Acetate	3.53	43	573937	104.906	ug/l	100
24) 1,1-Dichloroethane	3.45	63	76685	20.349	ug/l	99
25) 2-Butanone	4.27	43	213993	125.339	ug/l	99
26) 2,2-Dichloropropane	4.23	77	49228	14.372	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	46933	20.314	ug/l	94
28) Bromochloromethane	4.55	49	35807	21.251	ug/l	98
29) Tetrahydrofuran	4.64	42	109349	106.904	ug/l	98
30) Chloroform	4.68	83	80873	20.331	ug/l	99
31) Cyclohexane	5.00	56	68028	19.939	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	74046	20.676	ug/l	99
36) 1,1-Dichloropropene	5.14	75	59309	20.068	ug/l	98
37) Ethyl Acetate	4.38	43	64497	21.046	ug/l	99
38) Carbon Tetrachloride	5.14	117	64999	19.417	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	62567	18.477	ug/l	93
40) Benzene	5.39	78	171076	19.803	ug/l	97
41) Methacrylonitrile	4.55	41	35024	20.577	ug/l	100
42) 1,2-Dichloroethane	5.41	62	68433	20.572	ug/l	100
43) Isopropyl Acetate	5.55	43	102718	20.284	ug/l	99
44) Trichloroethene	6.19	130	47346	19.680	ug/l	96
45) 1,2-Dichloropropane	6.44	63	44075	19.562	ug/l	96
46) Dibromomethane	6.56	93	32762	20.068	ug/l	99
47) Bromodichloromethane	6.76	83	62305	20.008	ug/l	95
48) Methyl methacrylate	6.63	41	50575	20.377	ug/l	99
49) 1,4-Dioxane	6.62	88	25249	418.046	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	407307	128.471	ug/l	100
52) Toluene	7.64	92	108900	20.291	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	65681	18.785	ug/l	92
54) cis-1,3-Dichloropropene	7.27	75	69818	19.439	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	45253	20.289	ug/l	95
56) Ethyl methacrylate	8.02	69	62991	19.766	ug/l	99
57) 1,3-Dichloropropane	8.25	76	74729	19.923	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	124973	91.226	ug/l	98
59) 2-Hexanone	8.36	43	311322	125.270	ug/l	99
60) Dibromochloromethane	8.48	129	52035	19.784	ug/l	99
61) 1,2-Dibromoethane	8.59	107	49681	20.029	ug/l	98
64) Tetrachloroethene	8.23	164	46301	21.575	ug/l	99
65) Chlorobenzene	9.12	112	125269	19.928	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	46332	20.374	ug/l	98
67) Ethyl Benzene	9.25	91	204783	19.667	ug/l	99
68) m/p-Xylenes	9.38	106	162268	40.591	ug/l	97
69) o-Xylene	9.78	106	78996	20.219	ug/l	100
70) Styrene	9.80	104	129942	20.590	ug/l	98
71) Bromoform	9.96	173	40221	20.398	ug/l #	98
73) Isopropylbenzene	10.17	105	213361	20.454	ug/l	99
74) N-amyl acetate	10.01	43	87387	20.521	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	72982	20.232	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	82939	24.630	ug/l	82
77) Bromobenzene	10.45	156	57923	20.132	ug/l	99
78) n-propylbenzene	10.59	91	243585	20.007	ug/l	100
79) 2-Chlorotoluene	10.66	91	146829	20.590	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	178623	20.163	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.50	75	82939	61.760	ug/l #	100
82) 4-Chlorotoluene	10.78	91	172585	20.531	ug/l	98
83) tert-Butylbenzene	11.10	119	172725	19.624	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	183498	20.440	ug/l	97
85) sec-Butylbenzene	11.33	105	209485	19.493	ug/l	99
86) p-Isopropyltoluene	11.48	119	189891	19.734	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	105504	19.755	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	106858	19.195	ug/l	99
89) n-Butylbenzene	11.89	91	165050	18.587	ug/l	97
90) Hexachloroethane	12.15	117	32746	19.140	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	102492	19.579	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	17785	20.797	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Quantitation Report (Not Reviewed)

Data File : VU025910.D
Acq On : 07 Aug 2018 01:30
Operator : MD/SY
Sample : VN0806WBSD02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

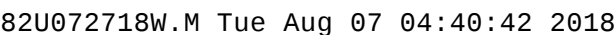
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBSD02

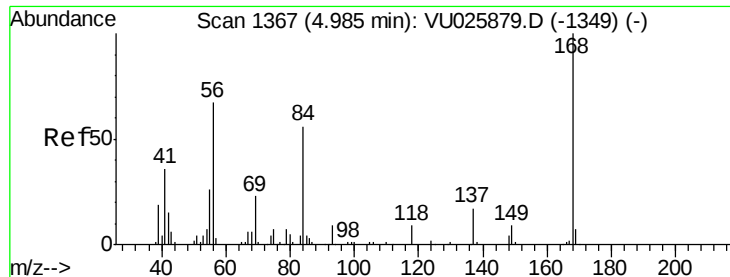
Quant Time: Aug 07 04:40:18 2018
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Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	69414	19.647	ug/l	98
94) Hexachlorobutadiene	13.70	225	30836	16.557	ug/l	100
95) Naphthalene	13.75	128	201843	18.592	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	68508	19.438	ug/l	100

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

Quant Time: Aug 07 04:40:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Instrument :

MSVOA_U

ClientSampleId :

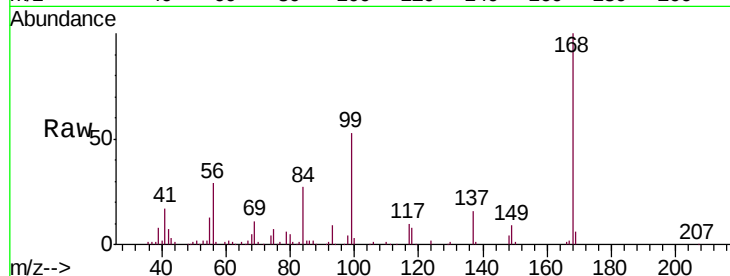
VU0806WBSD02

Tgt Ion:168 Resp: 165104

Ion Ratio Lower Upper

168 100

99 53.0 42.8 64.2



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

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

4.99

80000

60000

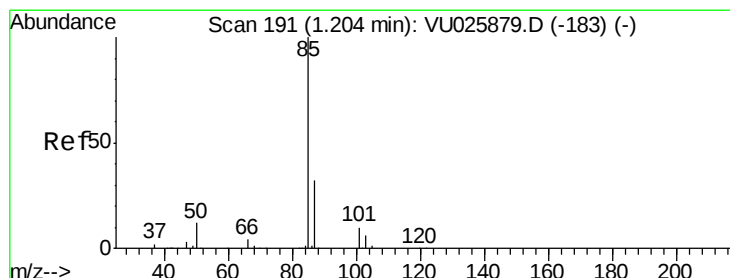
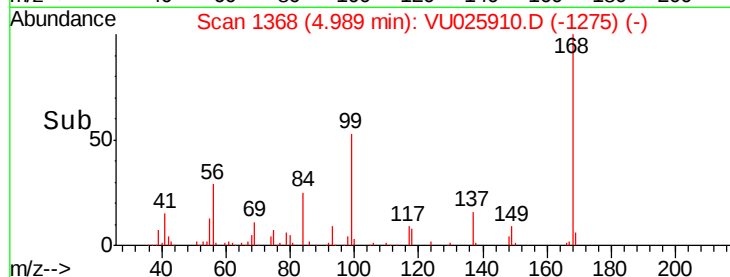
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 15.362 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025910.D

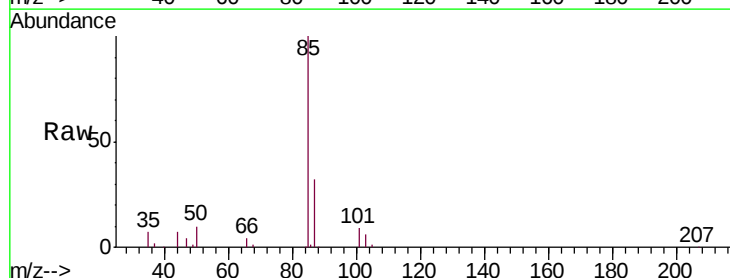
Acq: 07 Aug 2018 01:30

Tgt Ion: 85 Resp: 38335

Ion Ratio Lower Upper

85 100

87 32.1 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) (-)

1.21

40000

30000

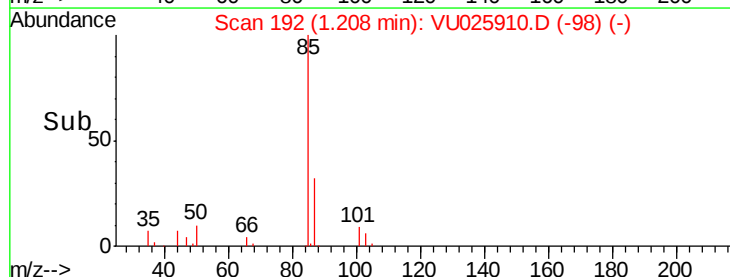
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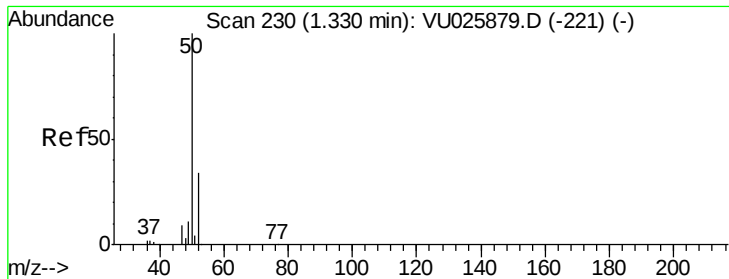
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 16.288 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Instrument :

MSVOA_U

ClientSampleId :

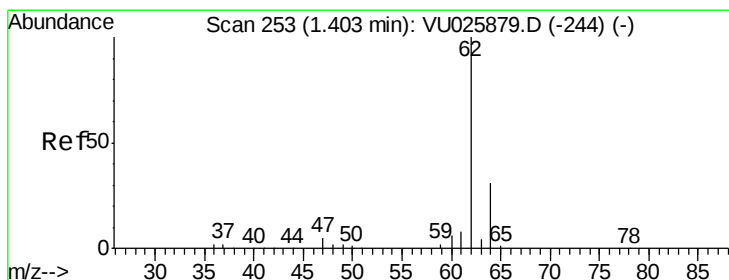
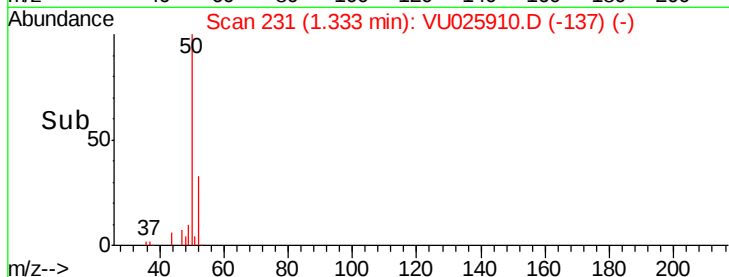
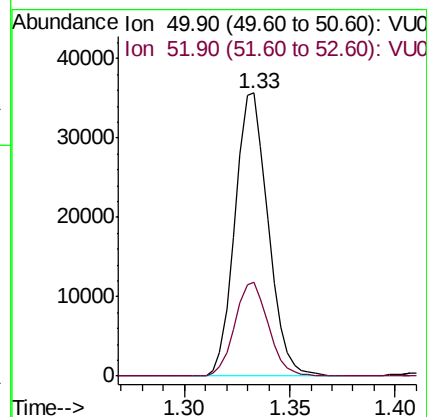
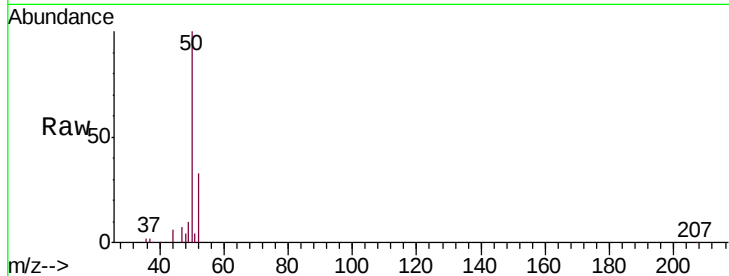
VU0806WBSD02

Tgt Ion: 50 Resp: 38848

Ion Ratio Lower Upper

50 100

52 33.0 26.5 39.7



#4

Vinyl Chloride

Concen: 18.853 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025910.D

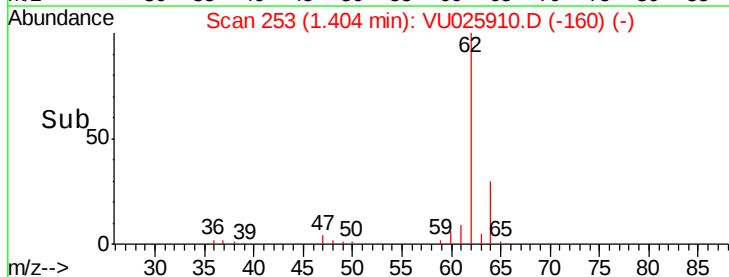
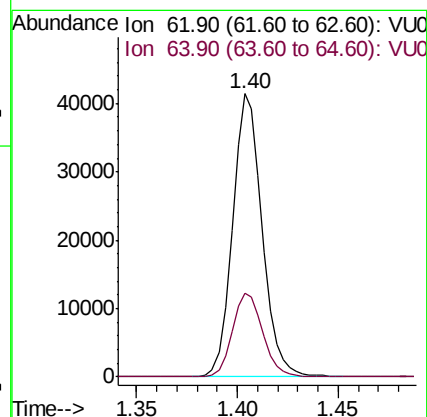
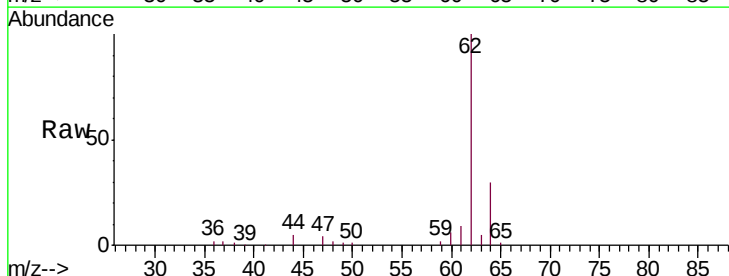
Acq: 07 Aug 2018 01:30

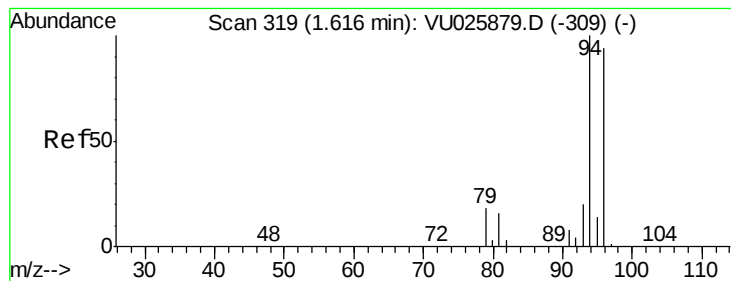
Tgt Ion: 62 Resp: 42317

Ion Ratio Lower Upper

62 100

64 29.7 25.4 38.0





#5

Bromomethane

Concen: 20.433 ug/l

RT: 1.63 min Scan# 322

Delta R.T. 0.01 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Instrument :

MSVOA_U

ClientSampleId :

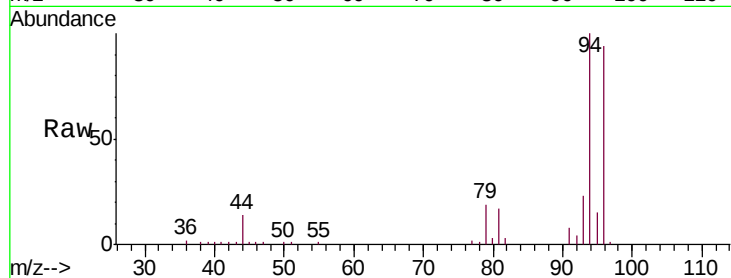
VU0806WBSD02

Tgt Ion: 94 Resp: 22400

Ion Ratio Lower Upper

94 100

96 94.5 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU025879.D (-309) (-)

Ion 95.90 (95.60 to 96.60): VU025910.D (-227) (-)

1.63

20000

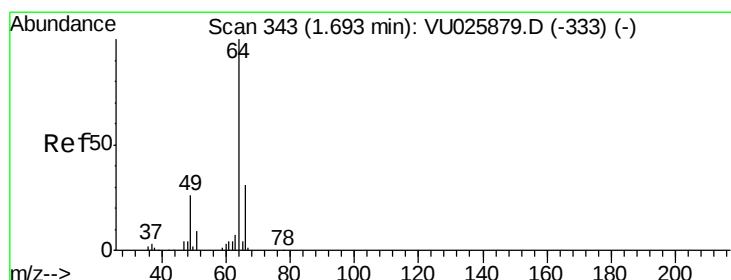
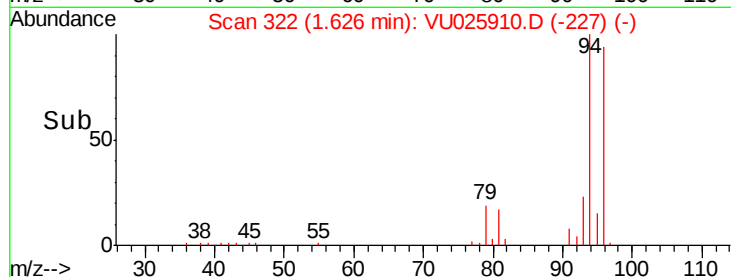
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.339 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.01 min

Lab File: VU025910.D

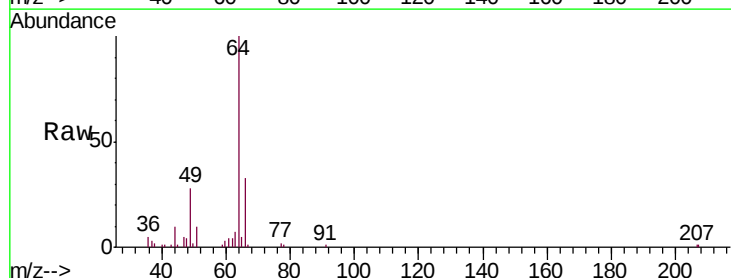
Acq: 07 Aug 2018 01:30

Tgt Ion: 64 Resp: 25382

Ion Ratio Lower Upper

64 100

66 32.9 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU025879.D (-333) (-)

Ion 65.90 (65.60 to 66.60): VU025910.D (-250) (-)

1.70

20000

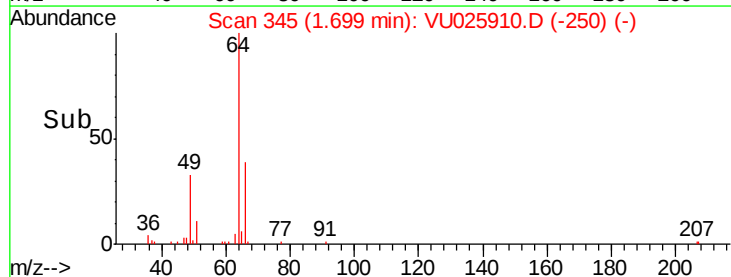
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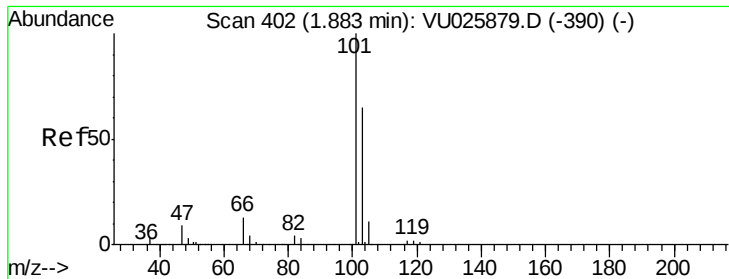
10000

5000

0

Time-->



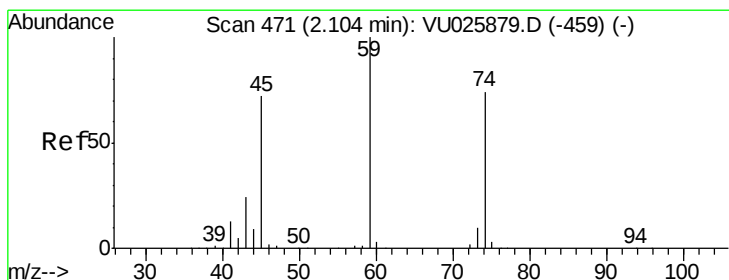
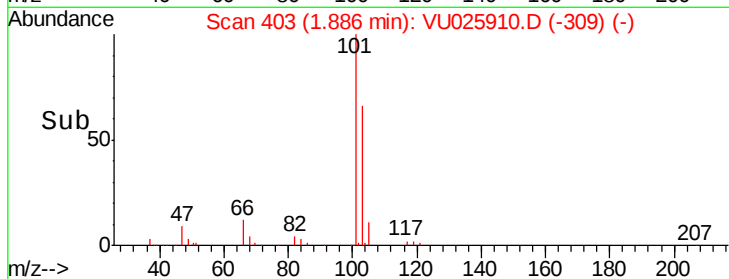
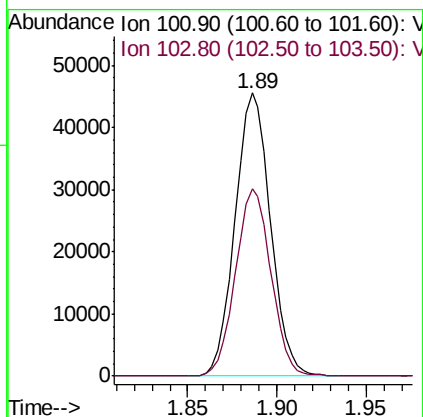
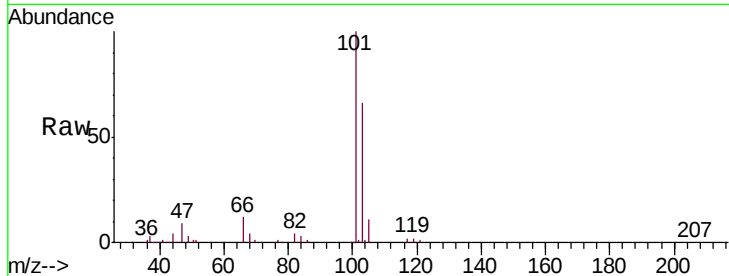


#7

Trichlorofluoromethane
 Concen: 19.369 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Instrument :
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 VU0806WBSD02

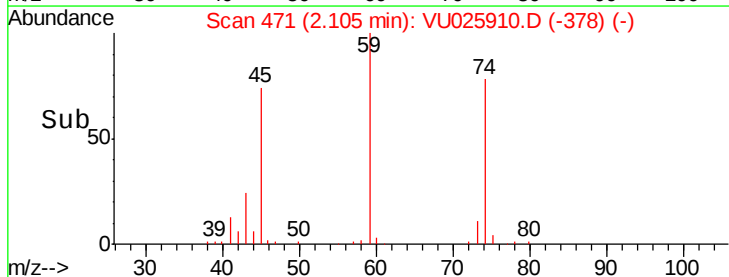
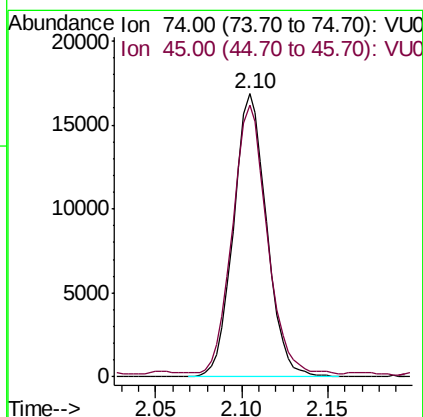
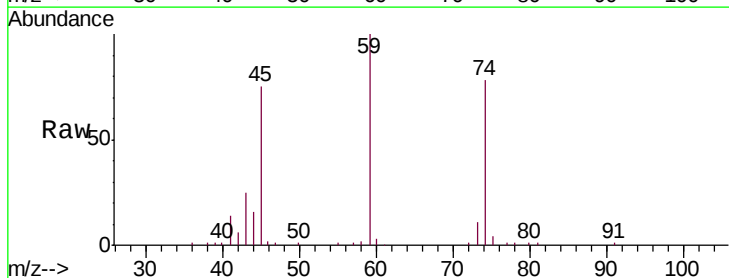
Tgt Ion:101 Resp: 62857
 Ion Ratio Lower Upper
 101 100
 103 66.3 52.2 78.2

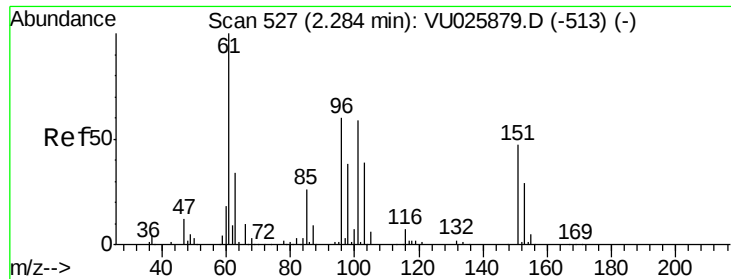


#8

Diethyl Ether
 Concen: 19.203 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Tgt Ion: 74 Resp: 22549
 Ion Ratio Lower Upper
 74 100
 45 99.0 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.576 ug/l

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBSD02

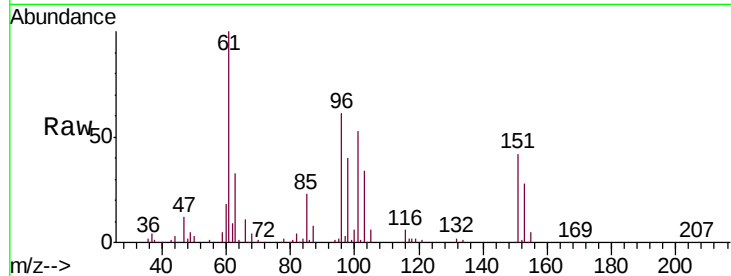
Tgt Ion:101 Resp: 36765

Ion Ratio Lower Upper

101 100

85 44.4 36.0 54.0

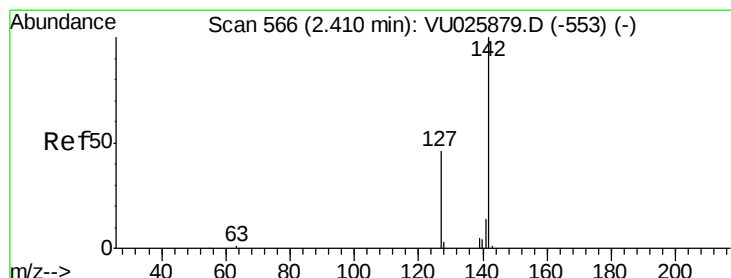
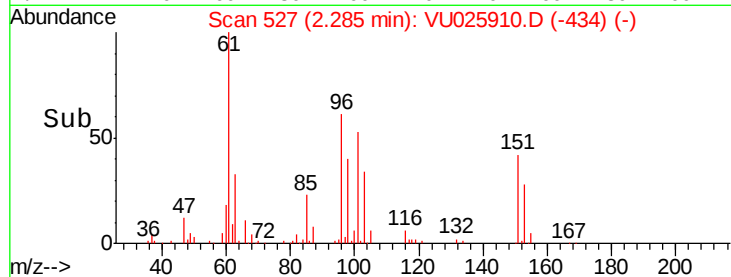
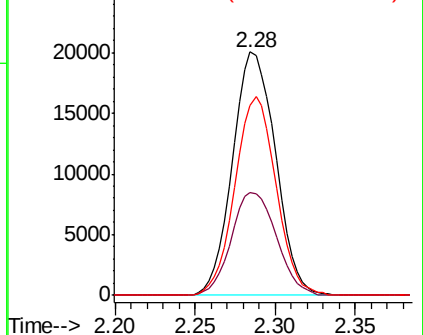
151 78.1 65.6 98.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.507 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

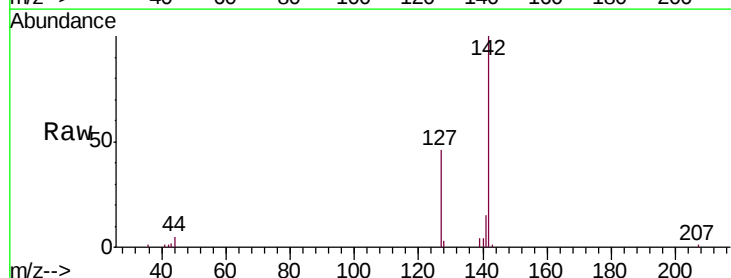
Tgt Ion:142 Resp: 23081

Ion Ratio Lower Upper

142 100

127 47.4 36.5 54.7

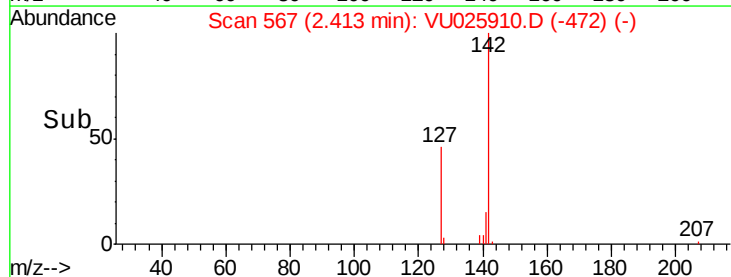
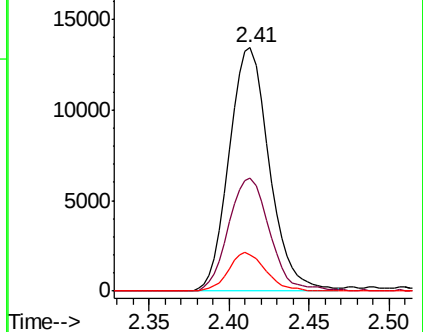
141 14.7 11.4 17.2

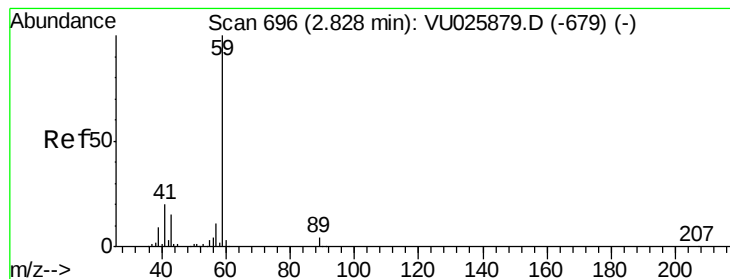


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 104.556 ug/l

RT: 2.83 min Scan# 697

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Instrument :

MSVOA_U

ClientSampleId :

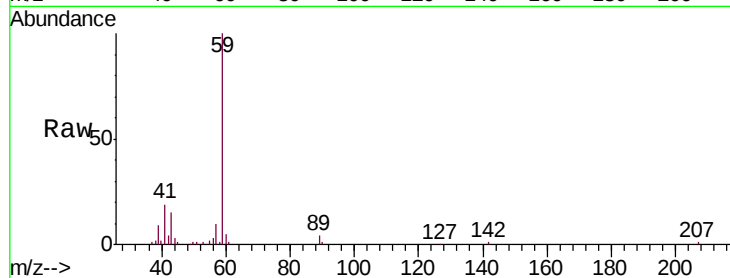
VU0806WBSD02

Tgt Ion: 59 Resp: 58888

Ion Ratio Lower Upper

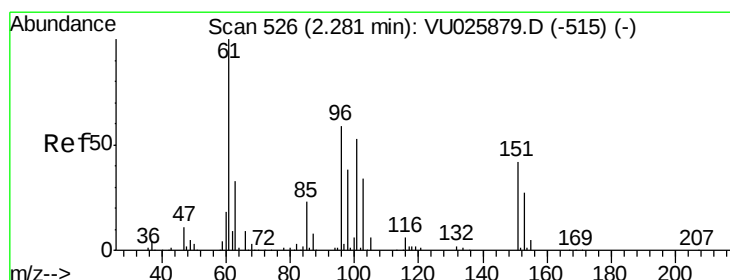
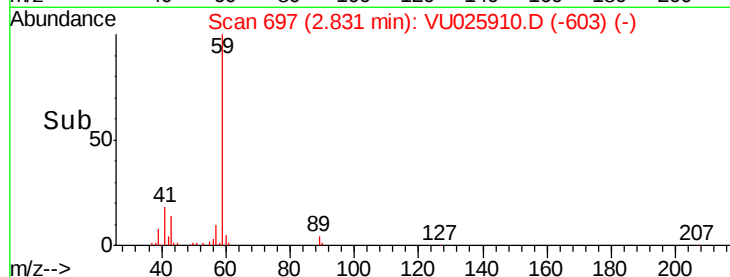
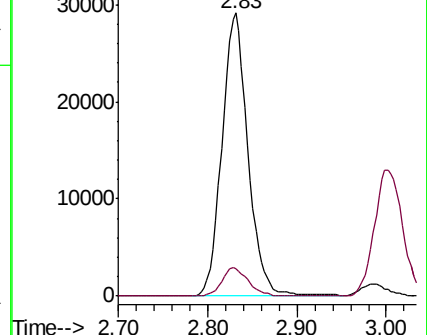
59 100

57 10.0 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#12

1,1-Dichloroethene

Concen: 20.128 ug/l

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

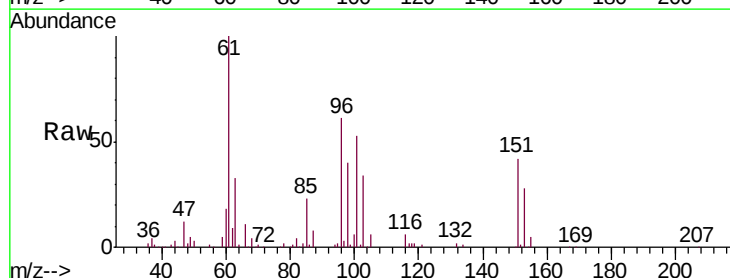
Tgt Ion: 96 Resp: 35681

Ion Ratio Lower Upper

96 100

61 163.1 140.2 210.4

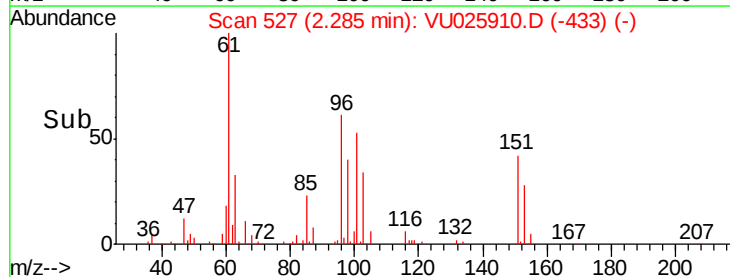
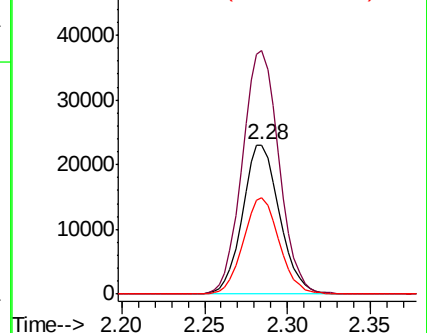
98 64.9 49.3 73.9

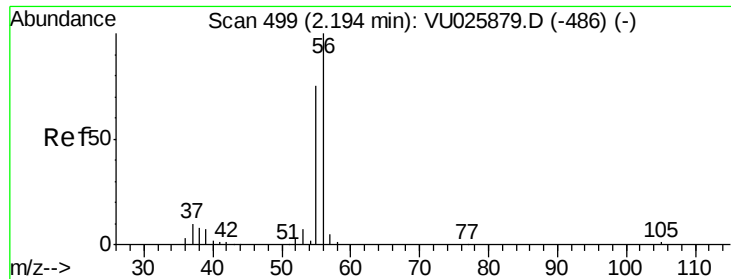


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

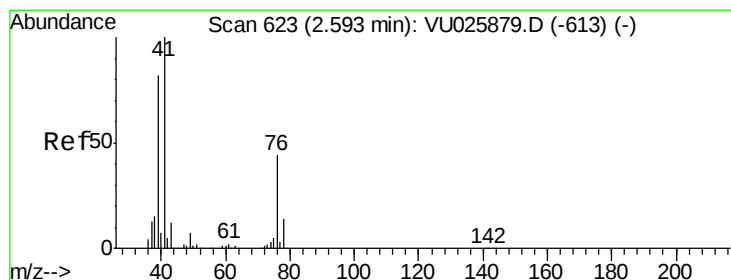
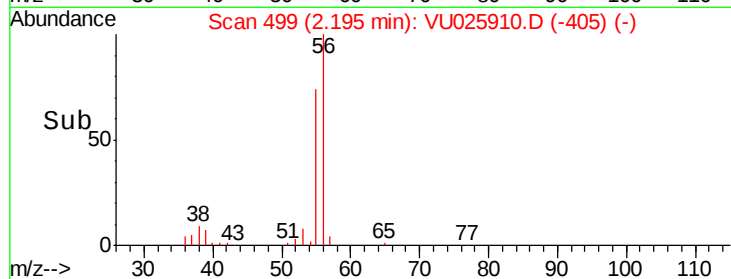
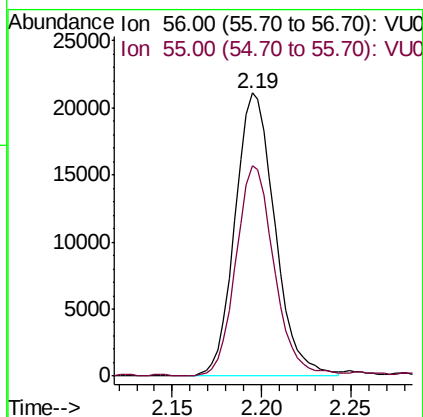
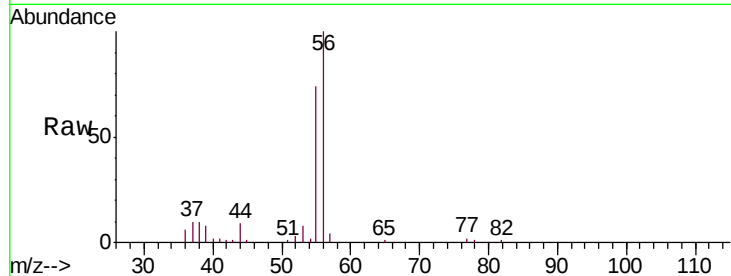




#13
 Acrolein
 Concen: 160.249 ug/l
 RT: 2.19 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

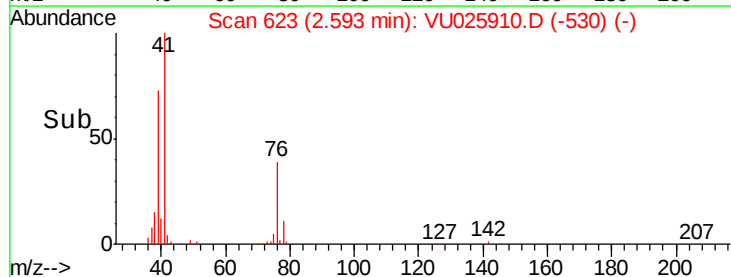
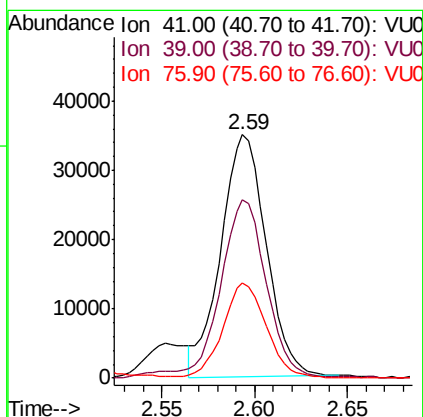
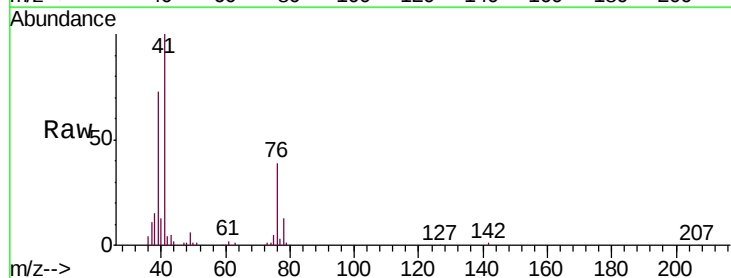
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBSD02

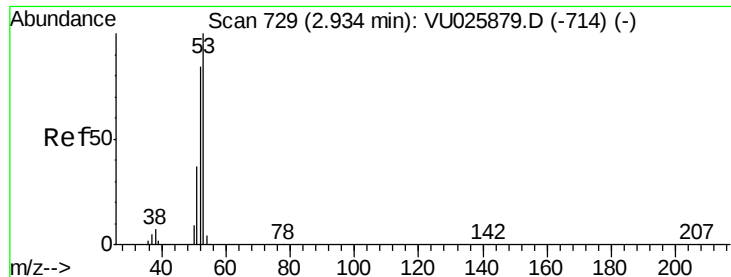
Tgt Ion: 56 Resp: 32835
 Ion Ratio Lower Upper
 56 100
 55 71.6 57.2 85.8



#14
 Allyl chloride
 Concen: 18.618 ug/l
 RT: 2.59 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Tgt Ion: 41 Resp: 59313
 Ion Ratio Lower Upper
 41 100
 39 75.7 60.6 91.0
 76 37.8 30.5 45.7





#15

Acrylonitrile

Concen: 103.303 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBSD02

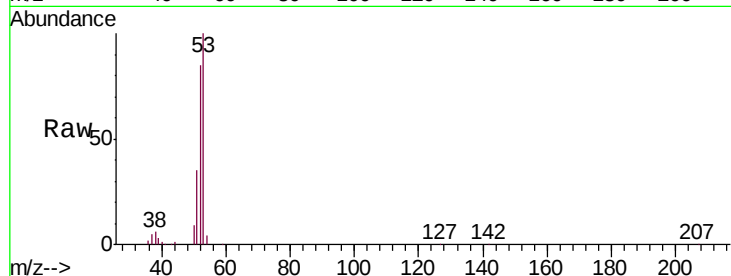
Tgt Ion: 53 Resp: 116166

Ion Ratio Lower Upper

53 100

52 85.2 66.6 99.8

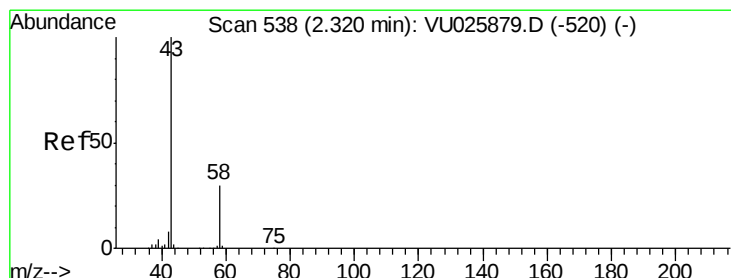
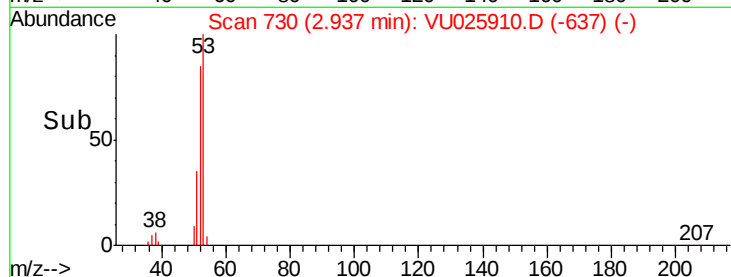
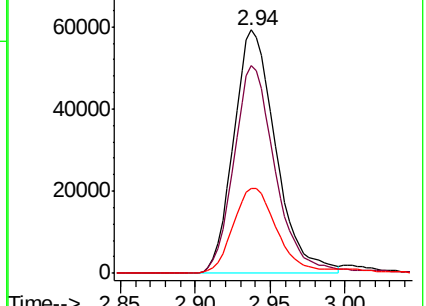
51 36.3 29.4 44.2



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: 110.118 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025910.D

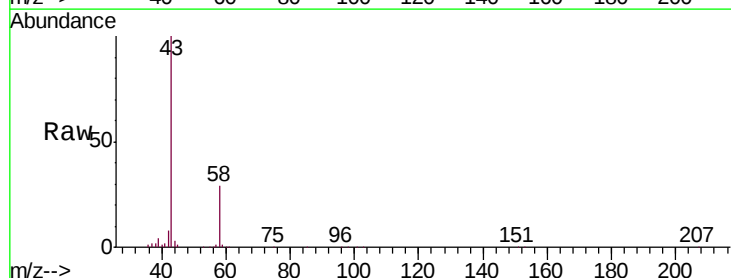
Acq: 07 Aug 2018 01:30

Tgt Ion: 43 Resp: 138110

Ion Ratio Lower Upper

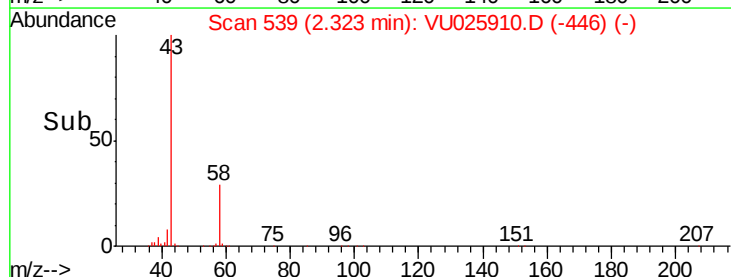
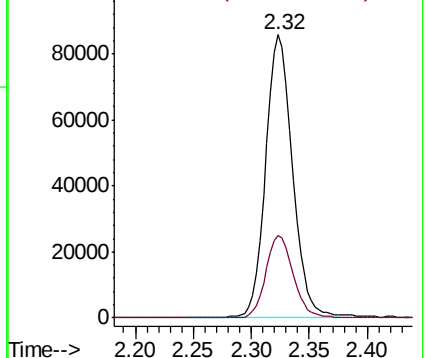
43 100

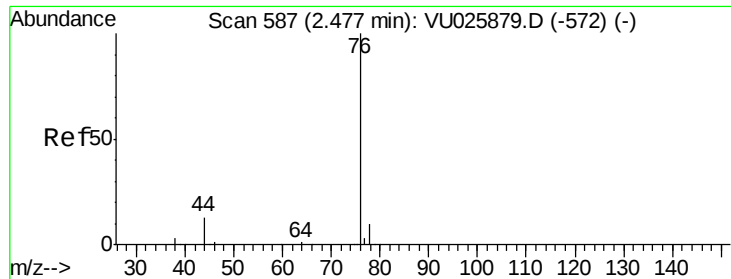
58 28.9 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

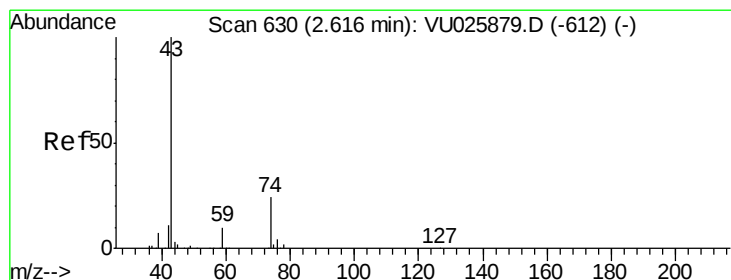
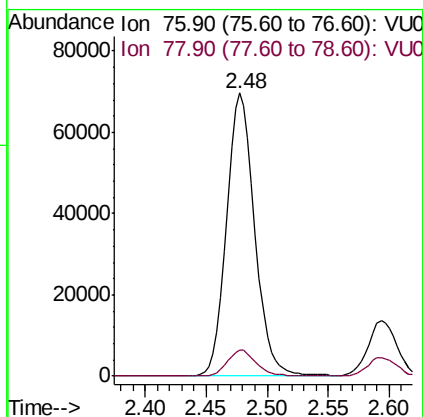
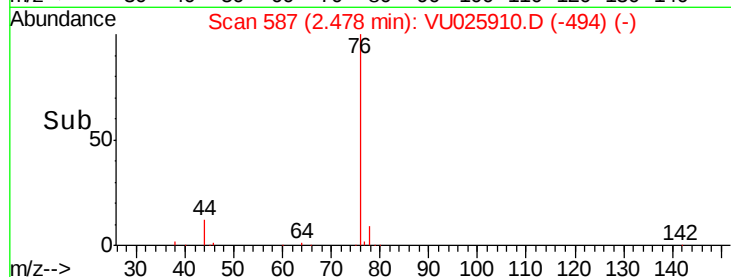
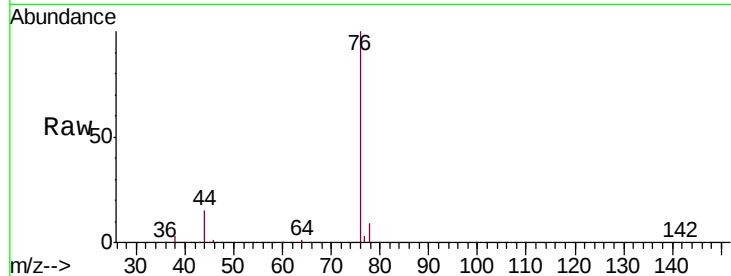




#17
Carbon Disulfide
Concen: 19.668 ug/l
RT: 2.48 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

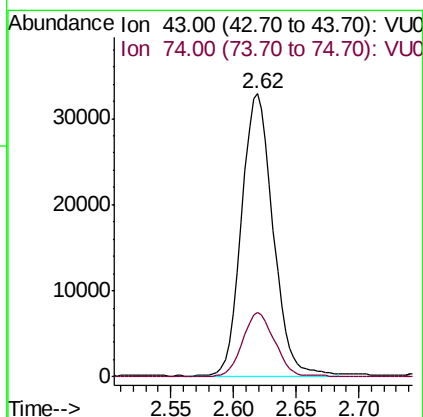
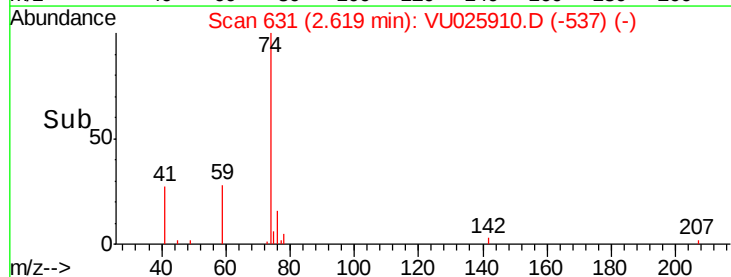
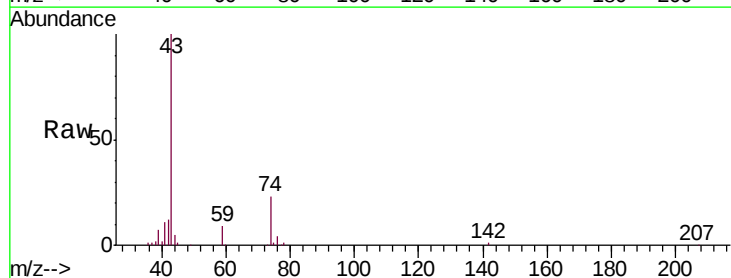
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBSD02

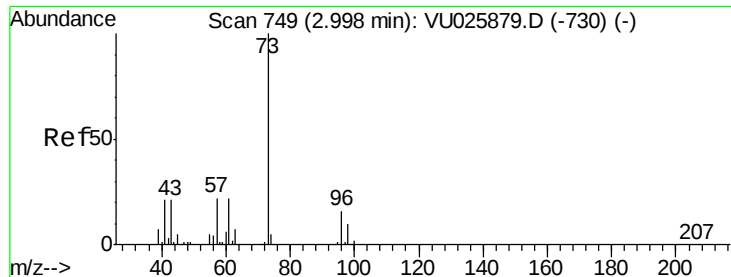
Tgt Ion: 76 Resp: 112843
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 19.248 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

Tgt Ion: 43 Resp: 58103
Ion Ratio Lower Upper
43 100
74 23.0 18.5 27.7



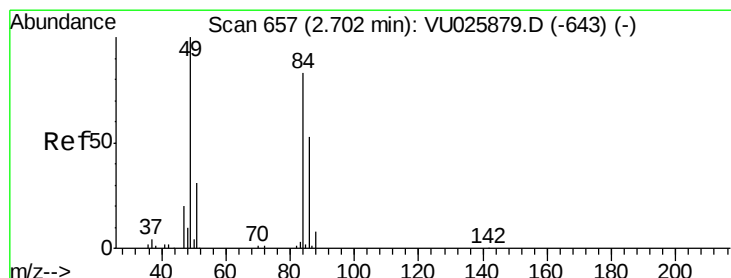
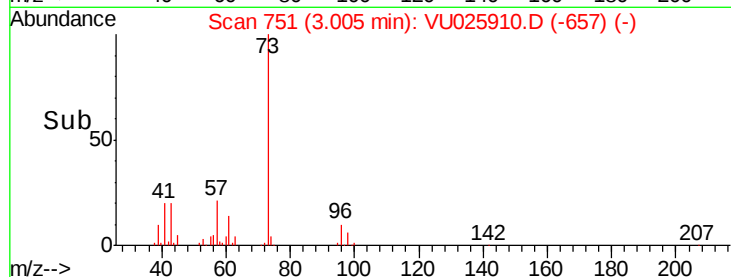
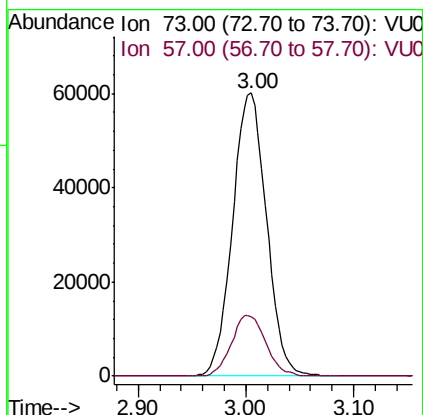
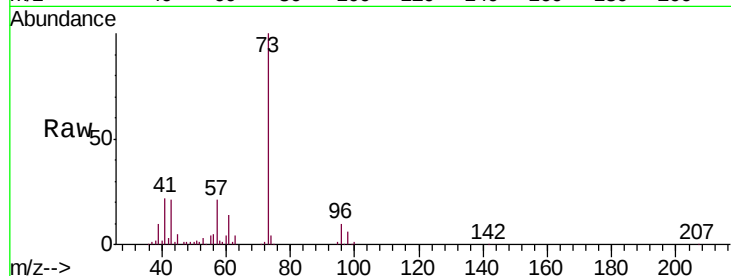


#19

Methyl tert-butyl Ether
 Concen: 20.499 ug/l
 RT: 3.00 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBSD02

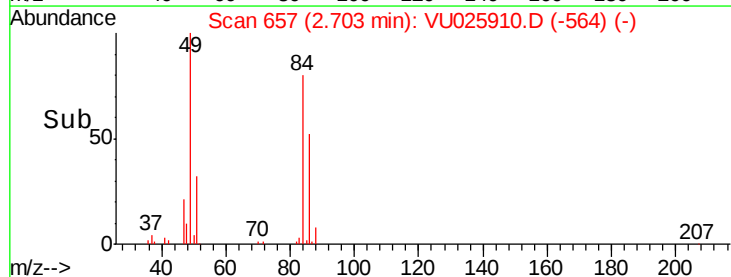
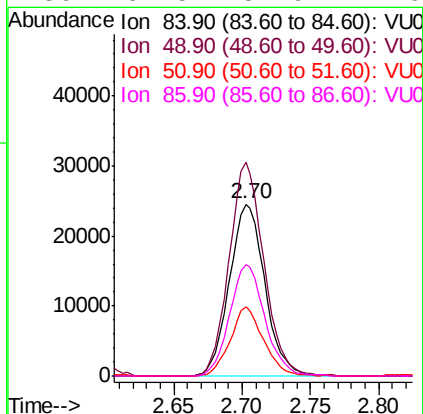
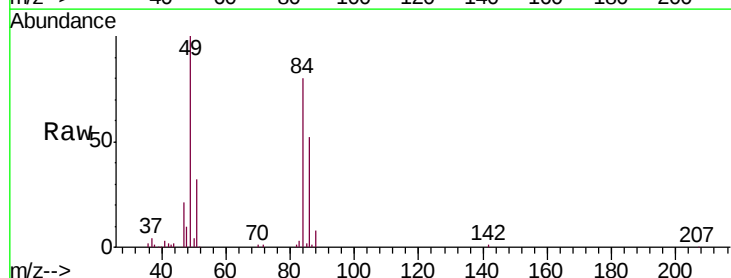
Tgt Ion: 73 Resp: 131685
 Ion Ratio Lower Upper
 73 100
 57 20.9 17.4 26.2

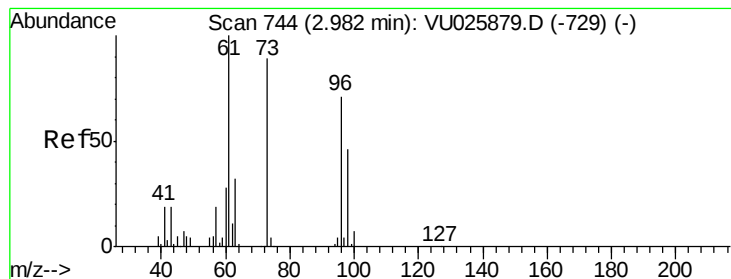


#20

Methylene Chloride
 Concen: 19.922 ug/l
 RT: 2.70 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Tgt Ion: 84 Resp: 44282
 Ion Ratio Lower Upper
 84 100
 49 124.4 101.8 152.6
 51 40.3 30.8 46.2
 86 64.5 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 20.399 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBSD02

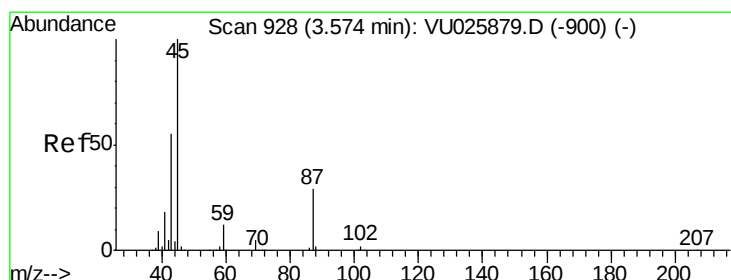
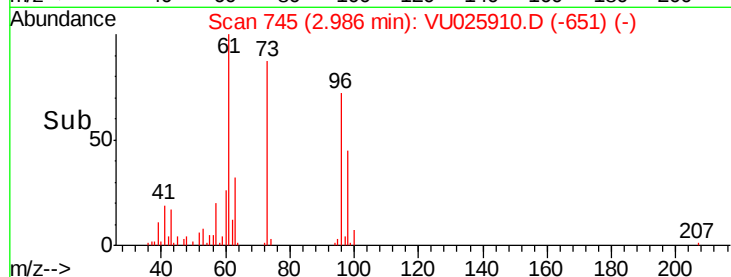
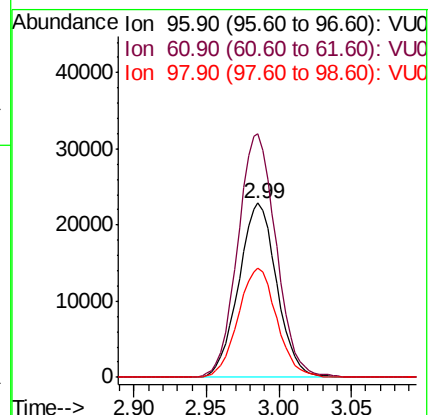
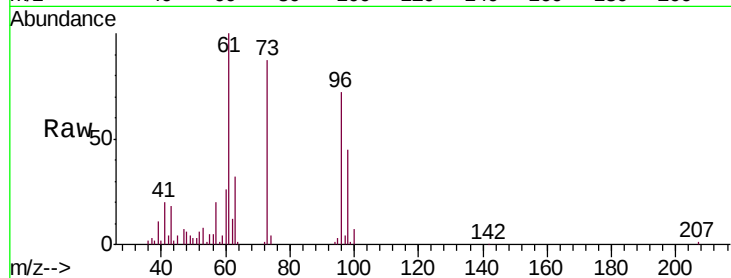
Tgt Ion: 96 Resp: 41802

Ion Ratio Lower Upper

96 100

61 139.7 114.5 171.7

98 62.7 50.5 75.7



#22

Diisopropyl ether

Concen: 21.147 ug/l

RT: 3.58 min Scan# 929

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Tgt Ion: 45 Resp: 132755

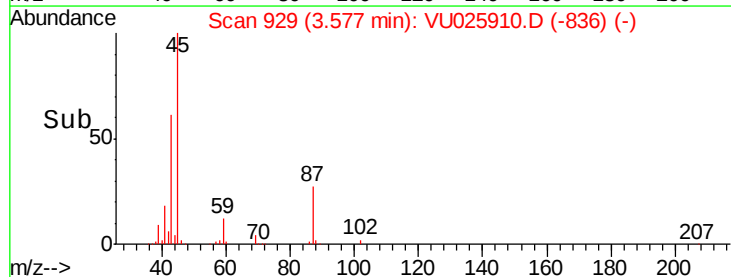
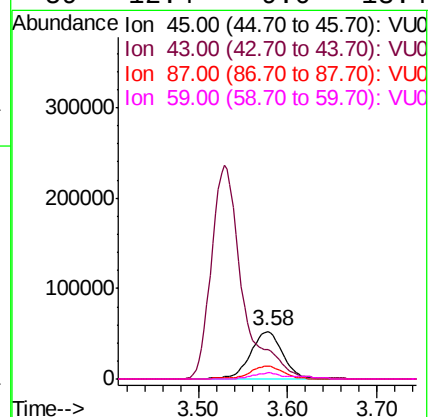
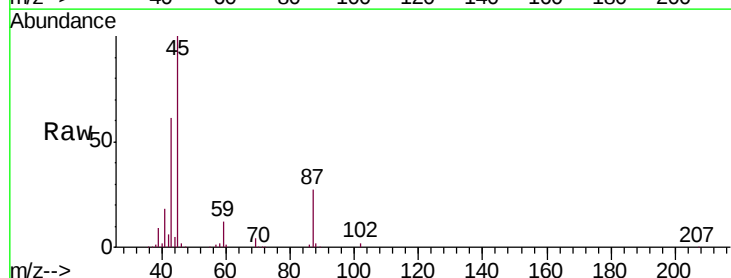
Ion Ratio Lower Upper

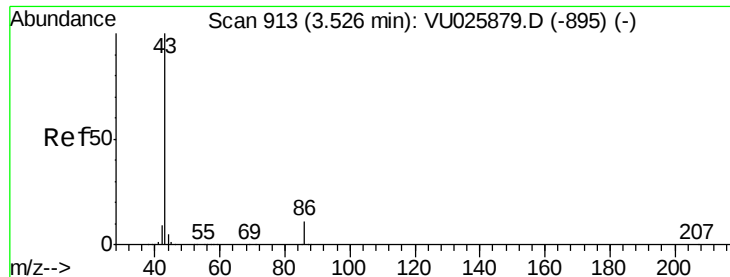
45 100

43 59.7 50.9 76.3

87 26.8 23.8 35.8

59 12.4 9.0 13.4





#23

Vinyl Acetate

Concen: 104.906 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Instrument :

MSVOA_U

ClientSampleId :

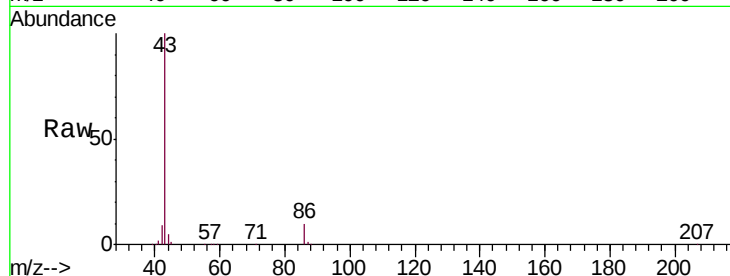
VU0806WBSD02

Tgt Ion: 43 Resp: 573937

Ion Ratio Lower Upper

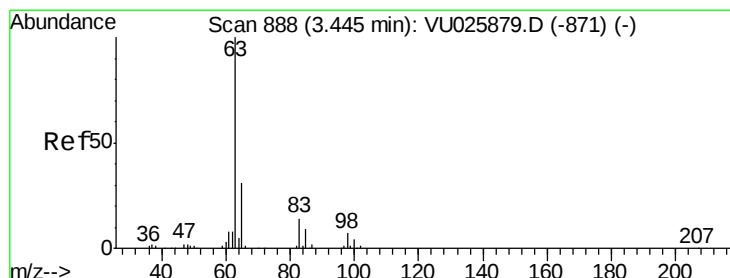
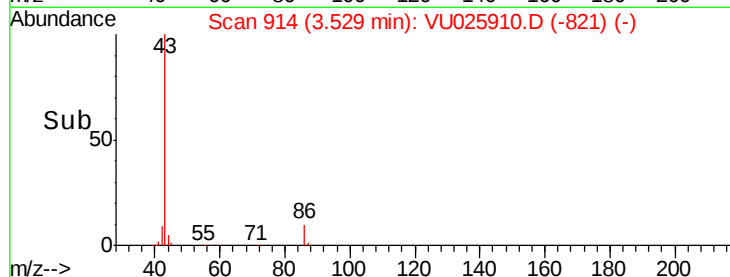
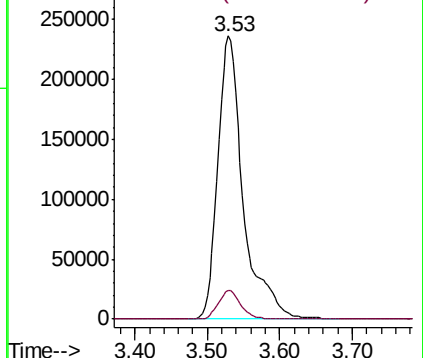
43 100

86 10.3 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 20.349 ug/l

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

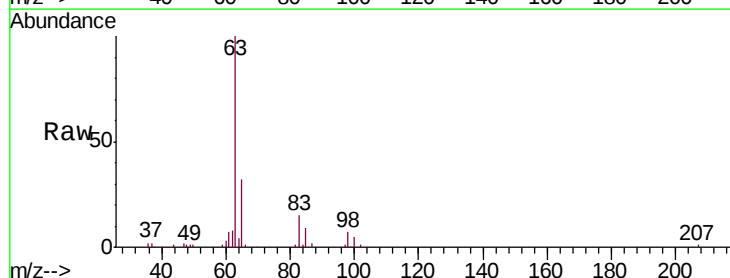
Tgt Ion: 63 Resp: 76685

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

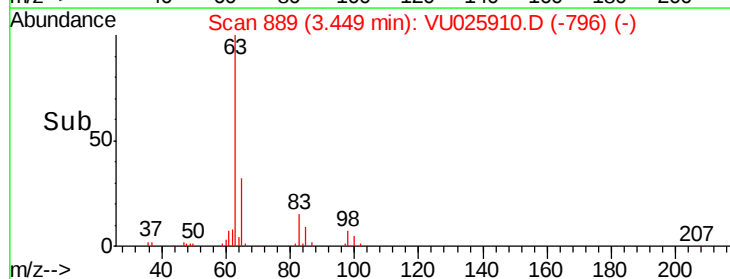
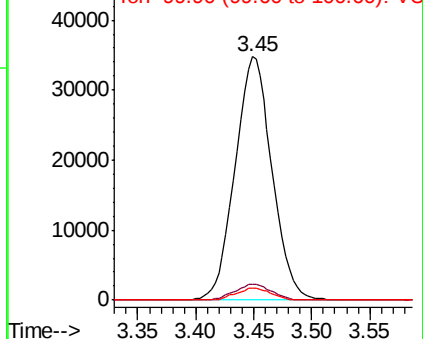
100 4.8 2.0 6.0

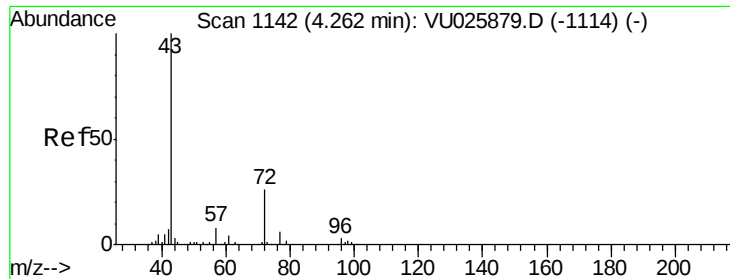


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 125.339 ug/l

RT: 4.27 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Instrument :

MSVOA_U

ClientSampleId :

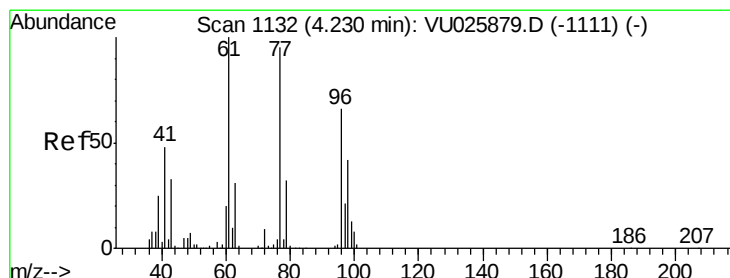
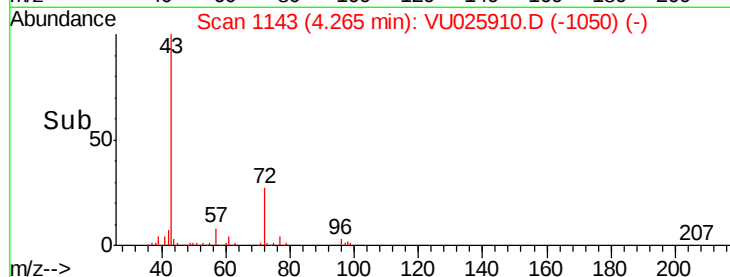
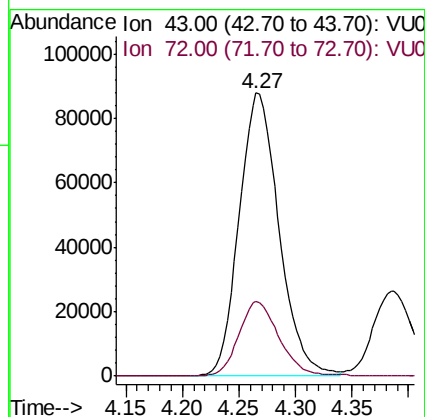
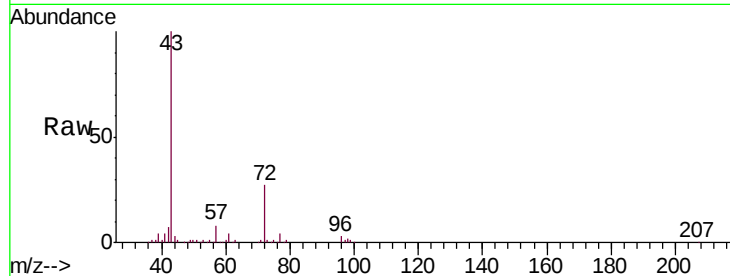
VU0806WBSD02

Tgt Ion: 43 Resp: 213993

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.4



#26

2,2-Dichloropropane

Concen: 14.372 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025910.D

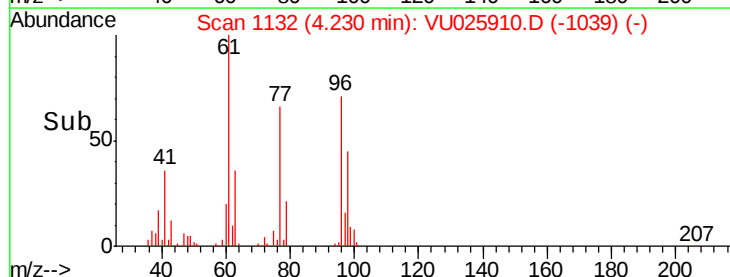
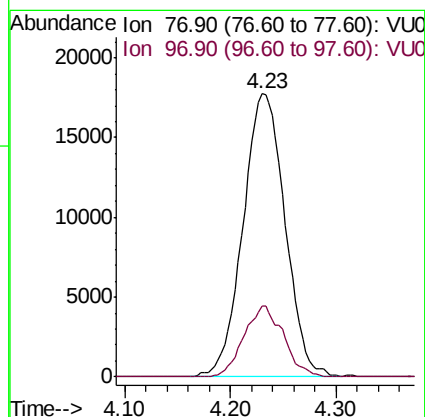
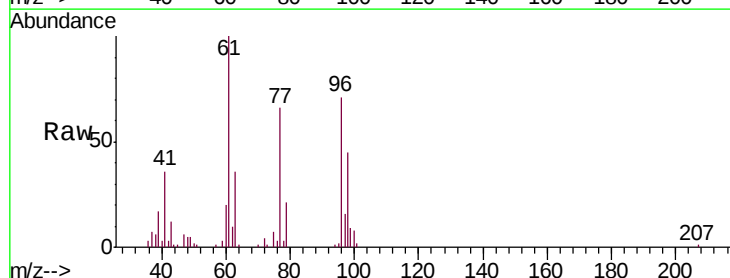
Acq: 07 Aug 2018 01:30

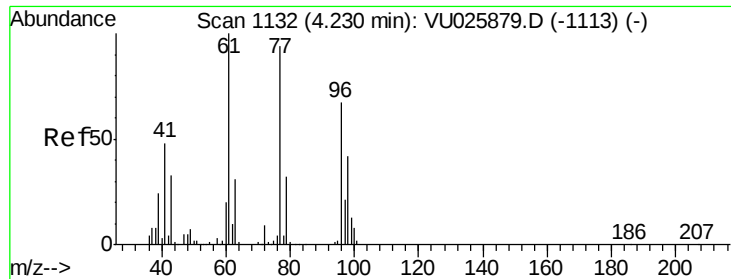
Tgt Ion: 77 Resp: 49228

Ion Ratio Lower Upper

77 100

97 23.5 11.2 33.5

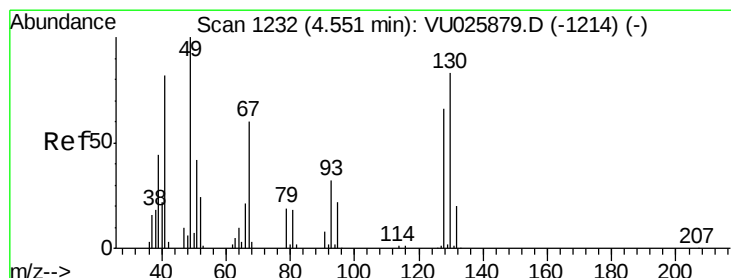
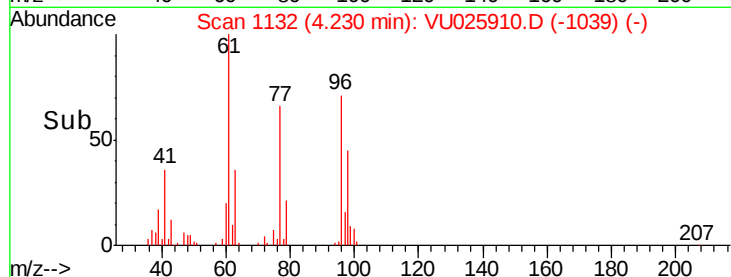
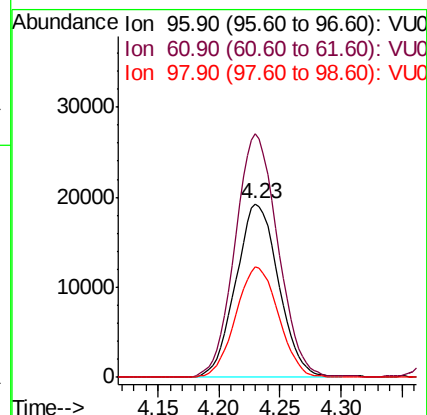
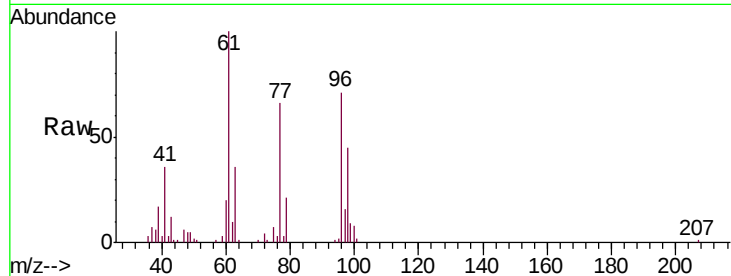




#27
 cis-1,2-Dichloroethene
 Concen: 20.314 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

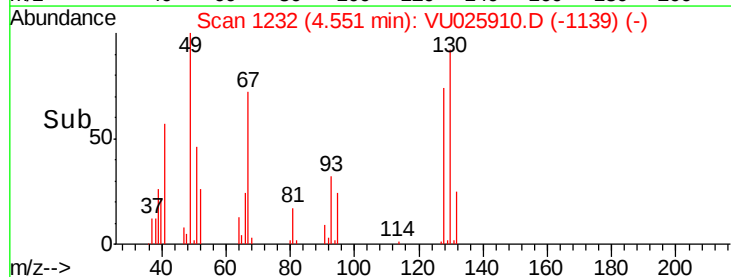
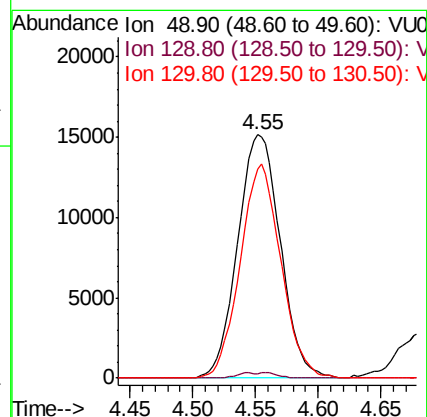
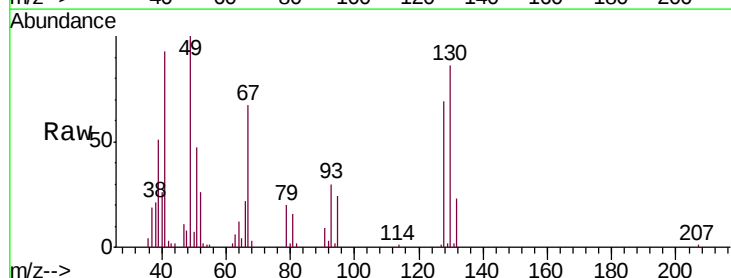
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBSD02

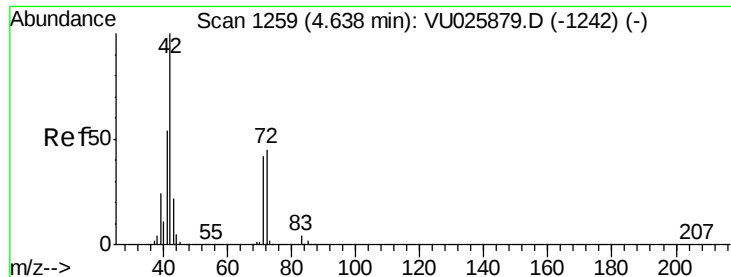
Tgt Ion: 96 Resp: 46933
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 299.8
 98 63.4 0.0 128.6



#28
 Bromochloromethane
 Concen: 21.251 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Tgt Ion: 49 Resp: 35807
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.6
 130 83.9 68.6 102.8

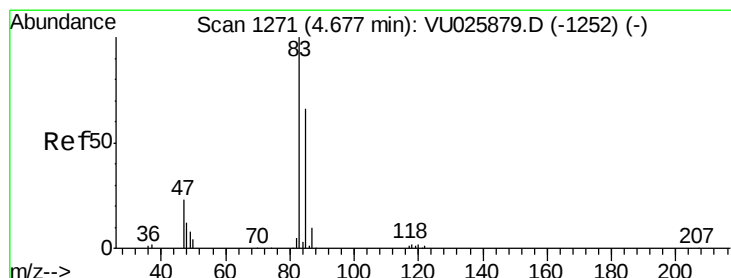
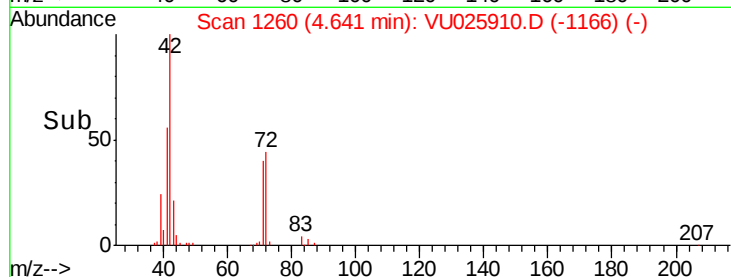
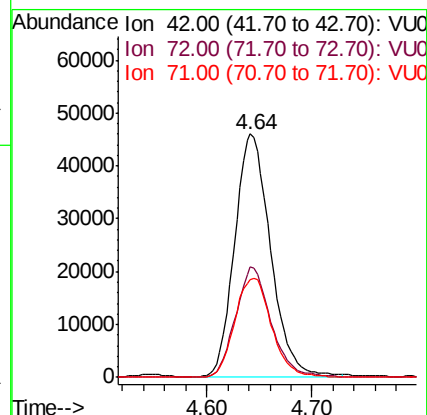
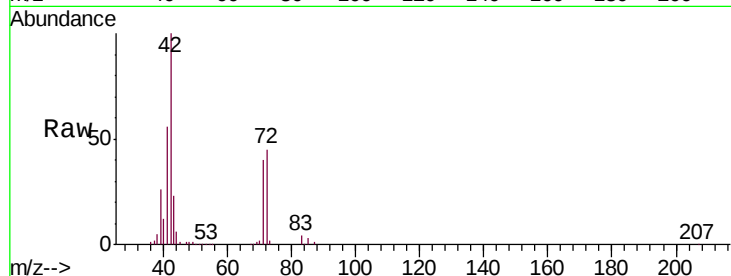




#29
Tetrahydrofuran
Concen: 106.904 ug/l
RT: 4.64 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

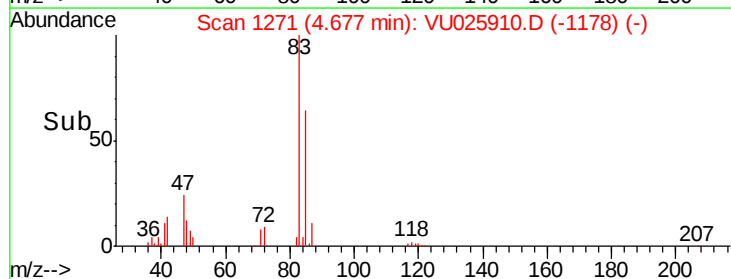
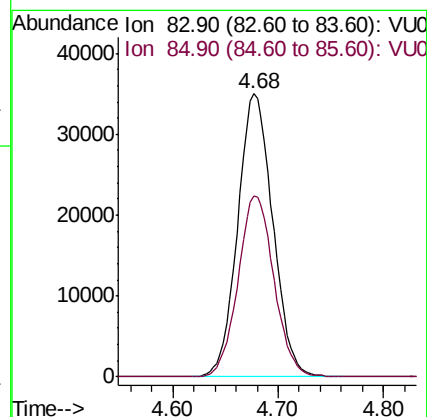
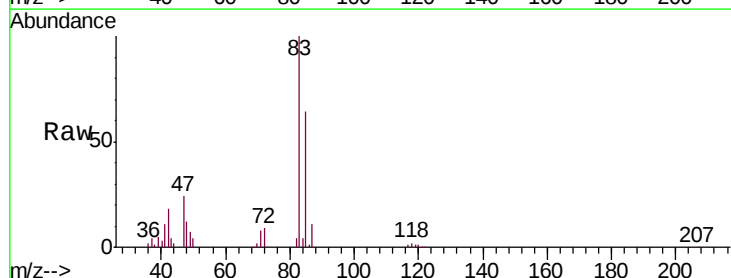
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBSD02

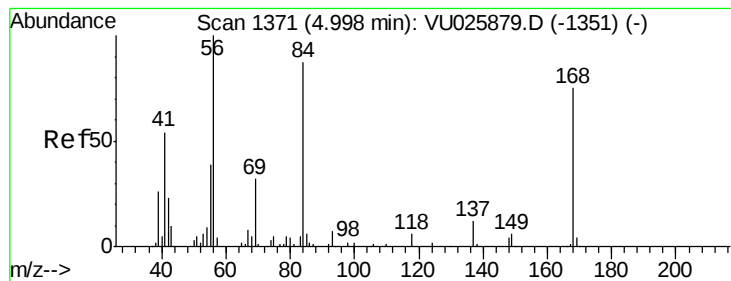
Tgt Ion: 42 Resp: 109349
Ion Ratio Lower Upper
42 100
72 44.5 36.7 55.1
71 41.5 33.9 50.9



#30
Chloroform
Concen: 20.331 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

Tgt Ion: 83 Resp: 80873
Ion Ratio Lower Upper
83 100
85 63.7 51.5 77.3





#31

Cyclohexane

Concen: 19.939 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. -0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBSD02

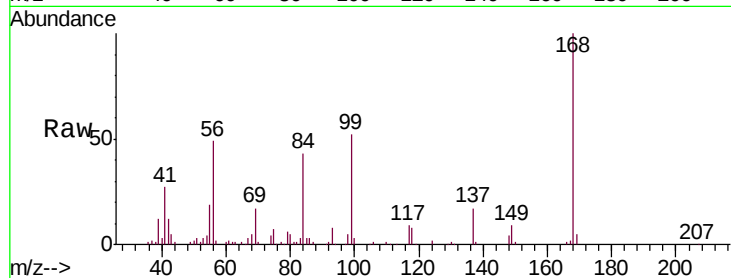
Tgt Ion: 56 Resp: 68028

Ion Ratio Lower Upper

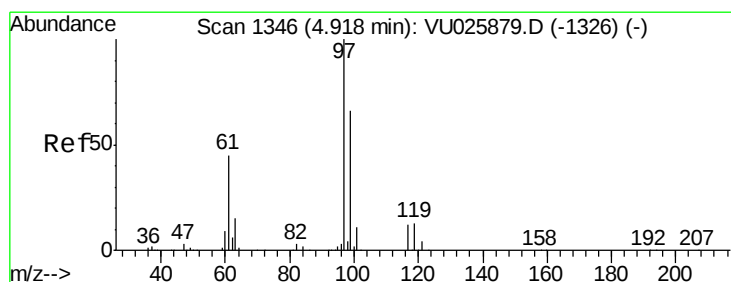
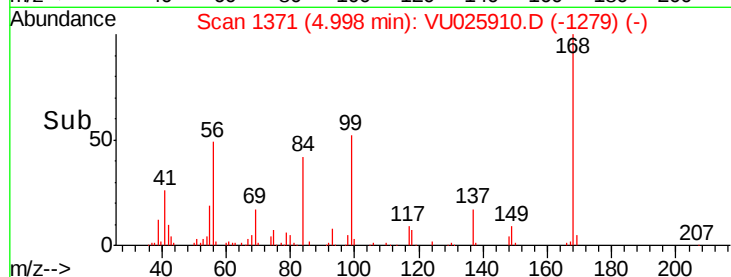
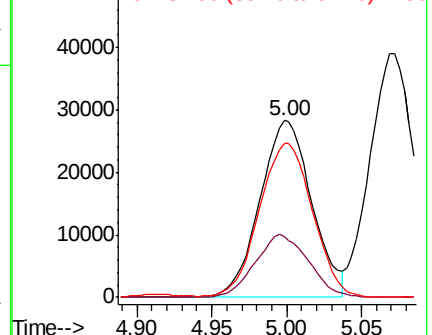
56 100

69 34.2 26.8 40.2

84 86.3 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: 20.676 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

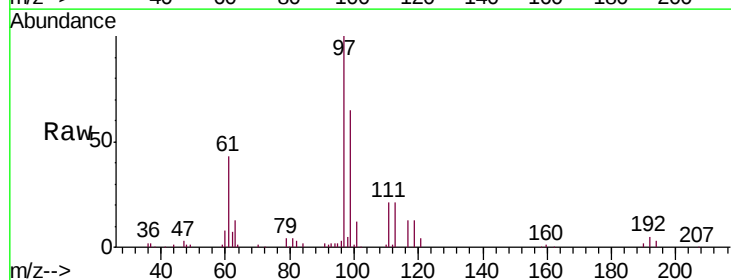
Tgt Ion: 97 Resp: 74046

Ion Ratio Lower Upper

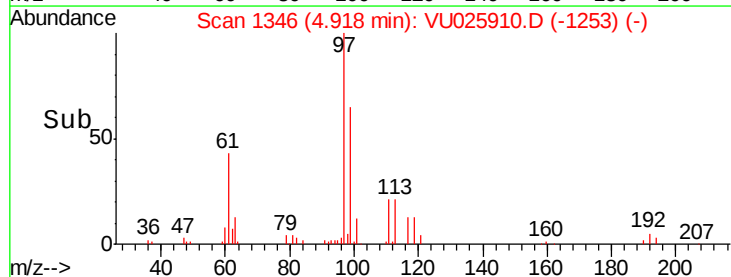
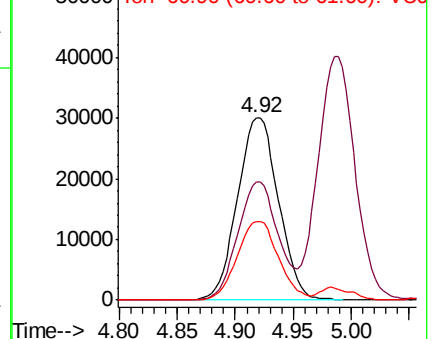
97 100

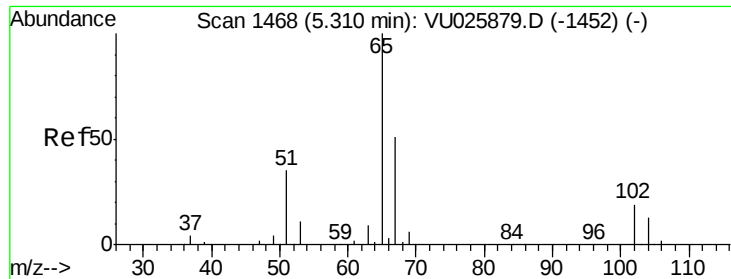
99 64.7 50.8 76.2

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

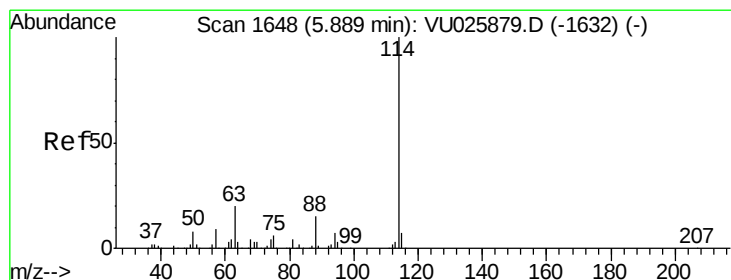
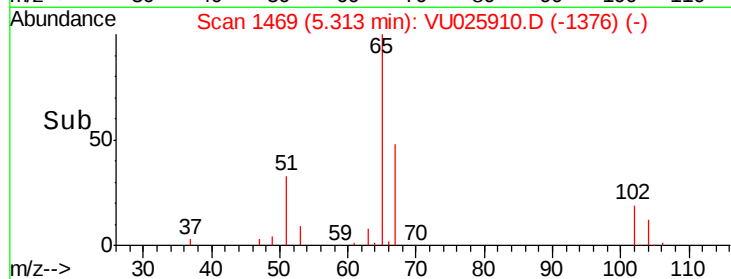
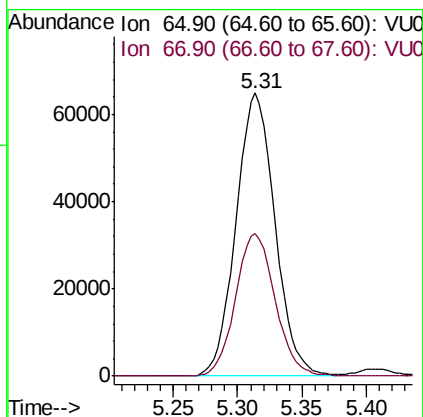
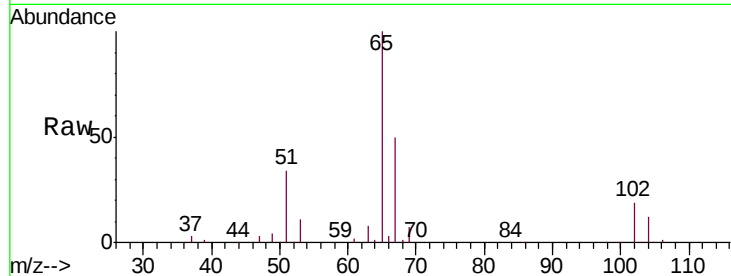




#33
 1,2-Dichloroethane-d4
 Concen: 53.092 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

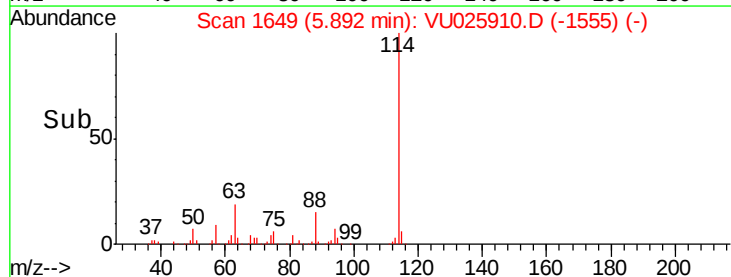
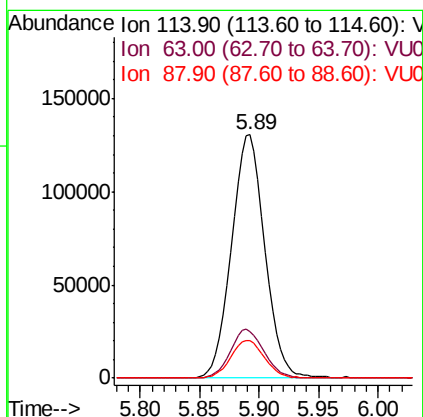
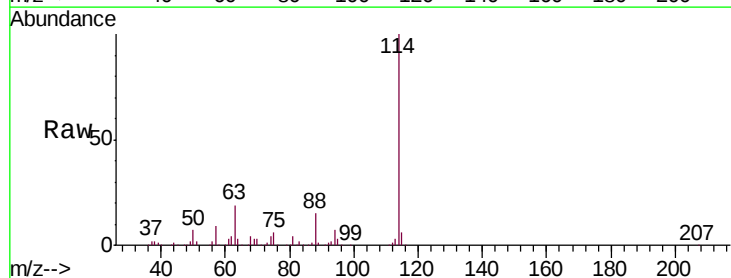
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBSD02

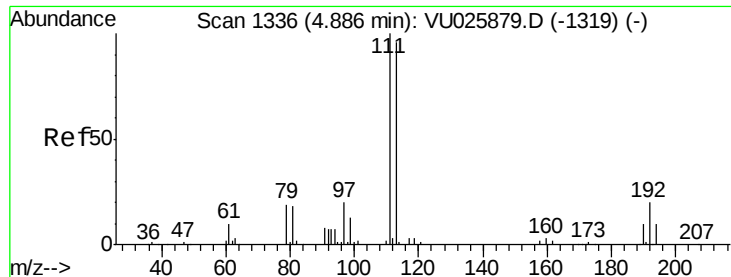
Tgt Ion: 65 Resp: 136578
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Tgt Ion: 114 Resp: 252892
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.6
 88 15.3 0.0 32.4

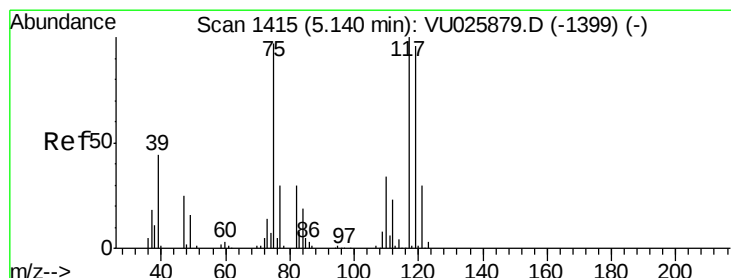
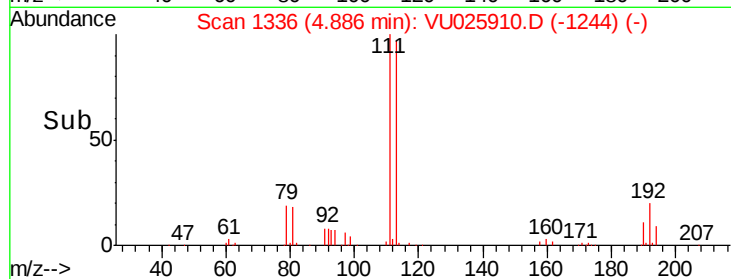
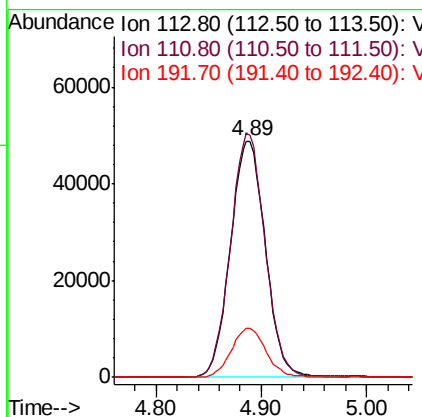
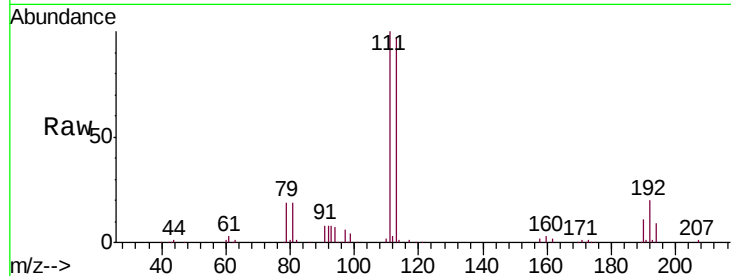




#35
 Dibromofluoromethane
 Concen: 51.011 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

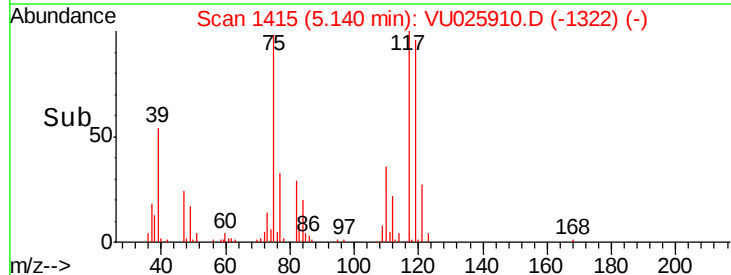
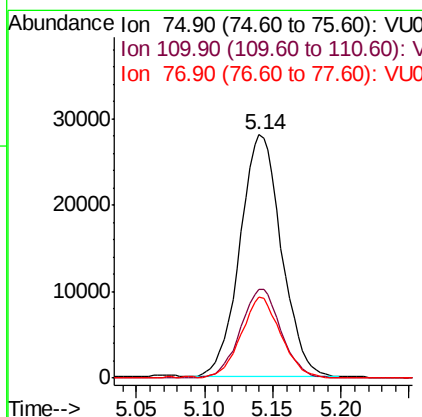
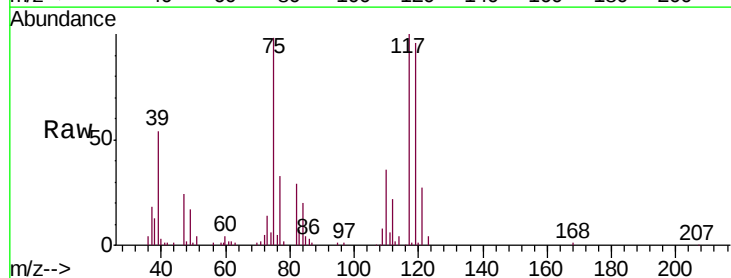
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBSD02

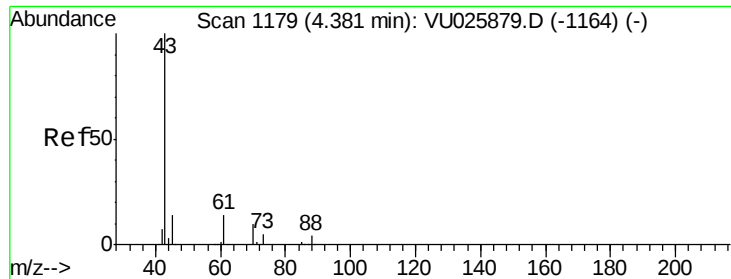
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.7	122.5
192	20.5	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 20.068 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.6	52.9
77	32.0	24.4	36.6

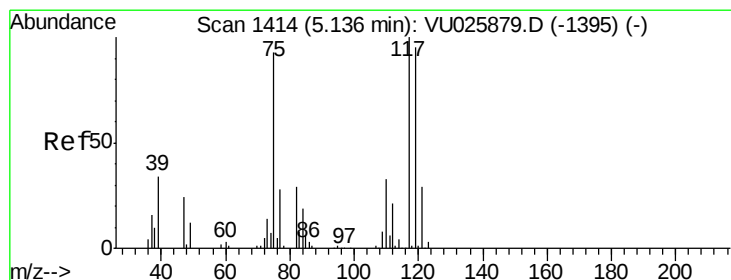
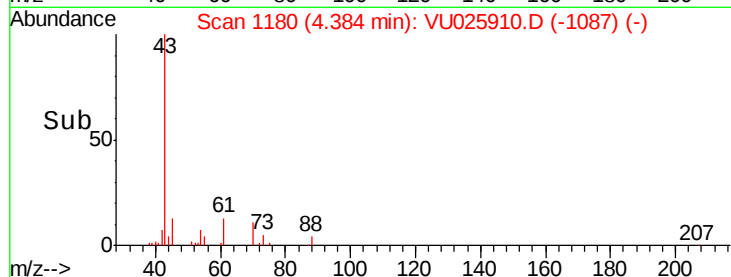
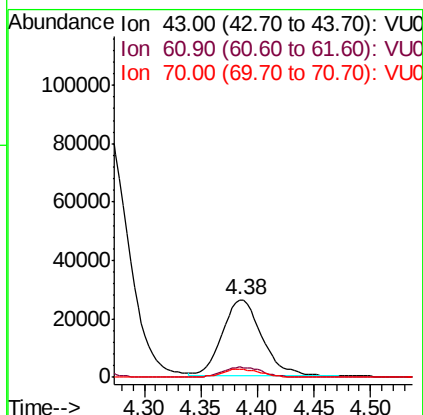
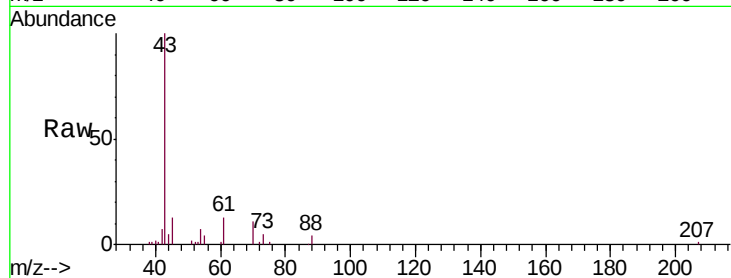




#37
Ethyl Acetate
Concen: 21.046 ug/l
RT: 4.38 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

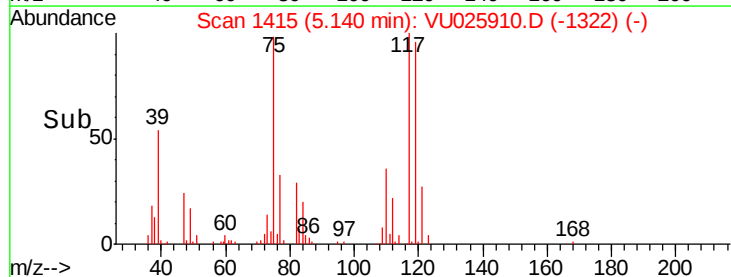
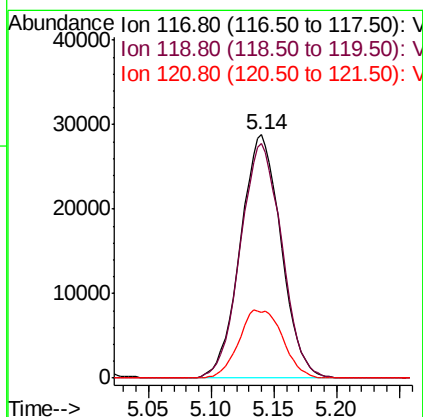
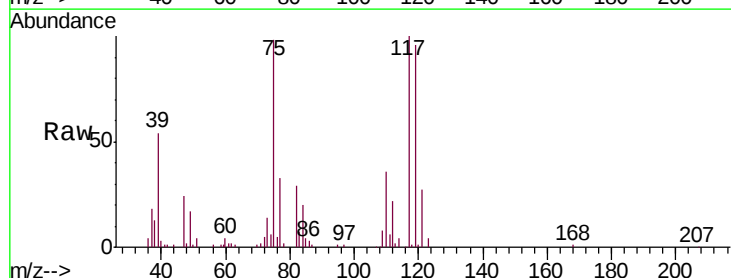
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBSD02

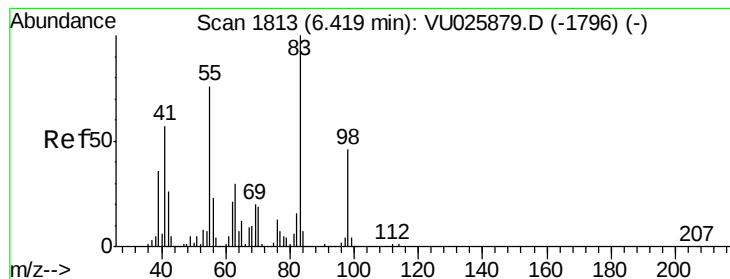
Tgt Ion: 43 Resp: 64497
Ion Ratio Lower Upper
43 100
61 14.0 10.7 16.1
70 10.6 8.4 12.6



#38
Carbon Tetrachloride
Concen: 19.417 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

Tgt Ion: 117 Resp: 64999
Ion Ratio Lower Upper
117 100
119 96.3 75.7 113.5
121 27.1 24.6 36.8





#39

Methylcyclohexane

Concen: 18.477 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBSD02

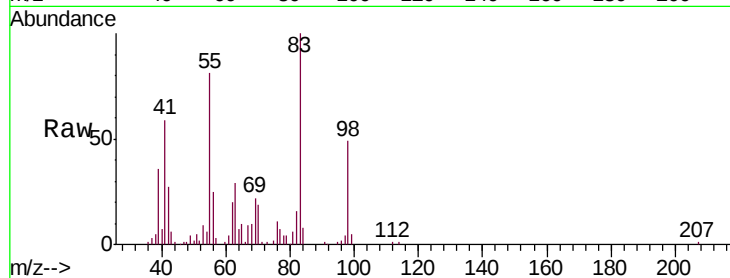
Tgt Ion: 83 Resp: 62567

Ion Ratio Lower Upper

83 100

55 81.3 60.0 90.0

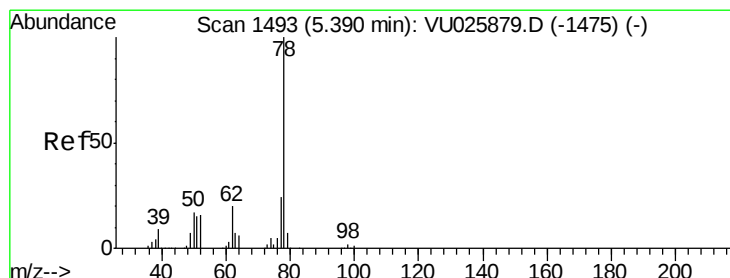
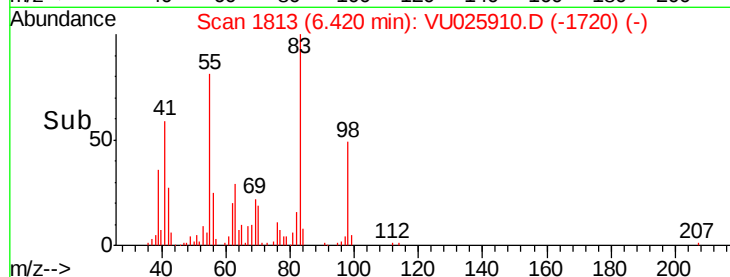
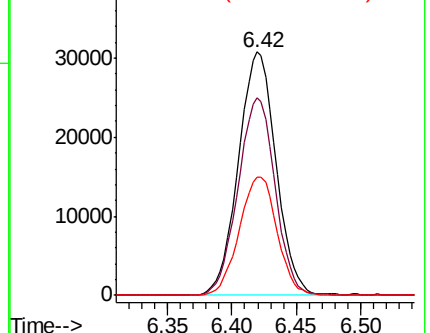
98 48.6 36.1 54.1



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#40

Benzene

Concen: 19.803 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU025910.D

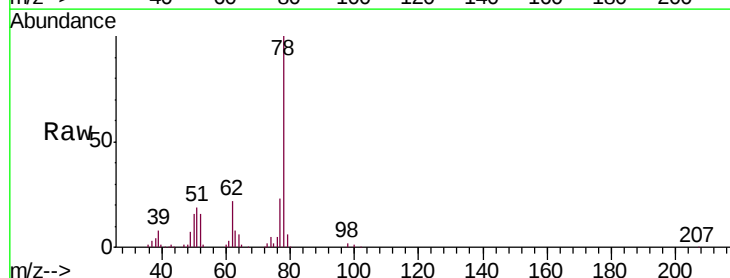
Acq: 07 Aug 2018 01:30

Tgt Ion: 78 Resp: 171076

Ion Ratio Lower Upper

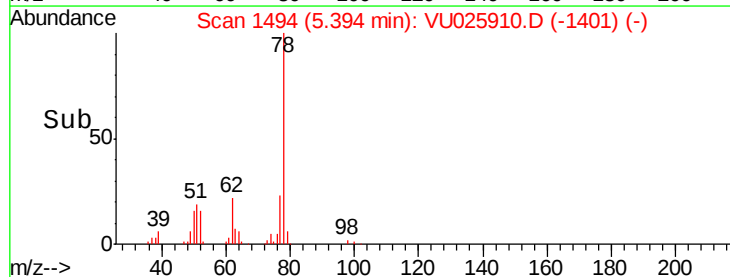
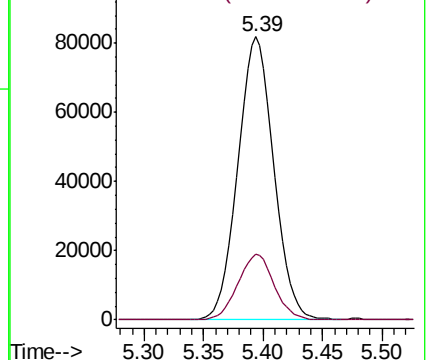
78 100

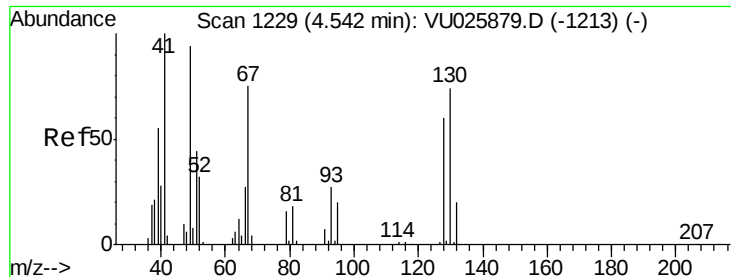
77 23.1 19.8 29.6



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

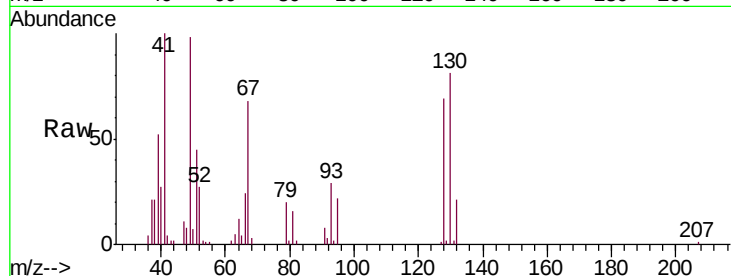




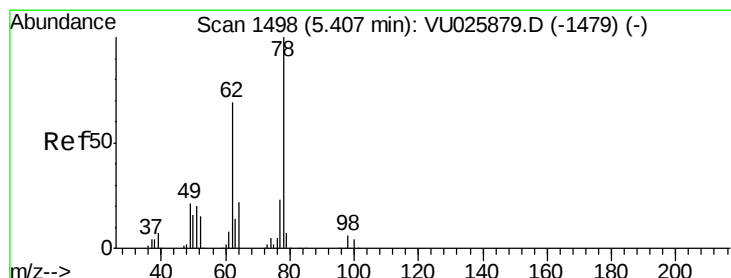
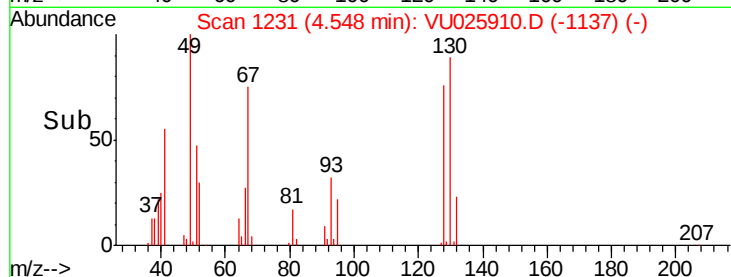
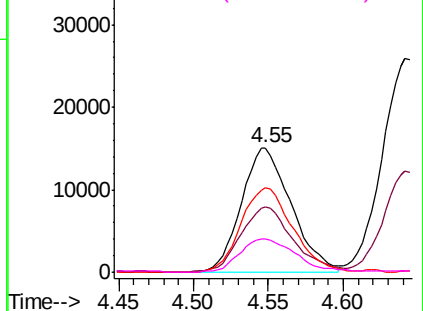
#41
Methacrylonitrile
Concen: 20.577 ug/l
RT: 4.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

Instrument :
MSVOA_U
ClientSampleId :
VU0806WBSD02

Tgt Ion:	41	Resp:	35024
Ion	Ratio	Lower	Upper
41	100		
39	55.1	44.4	66.6
67	70.3	56.0	84.0
52	30.8	24.6	36.8

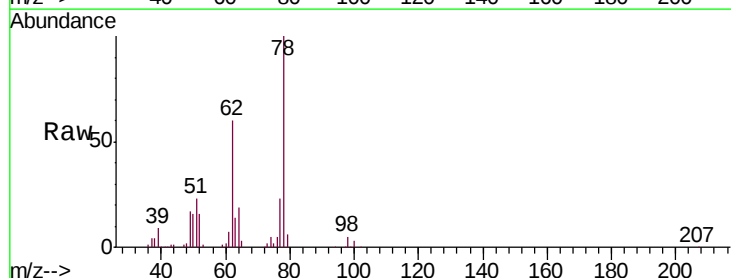


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

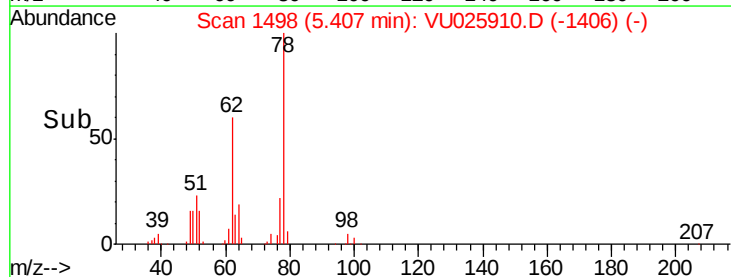
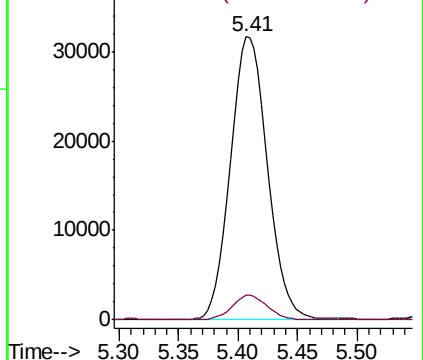


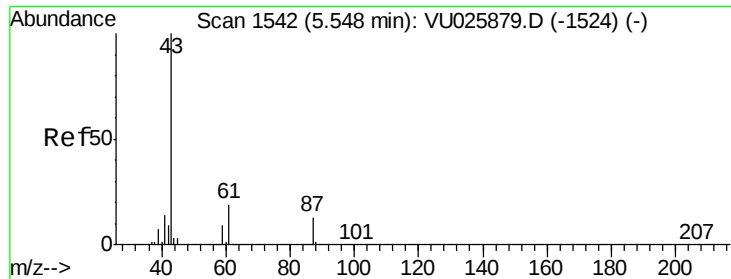
#42
1,2-Dichloroethane
Concen: 20.572 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

Tgt Ion:	62	Resp:	68433
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.4



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0

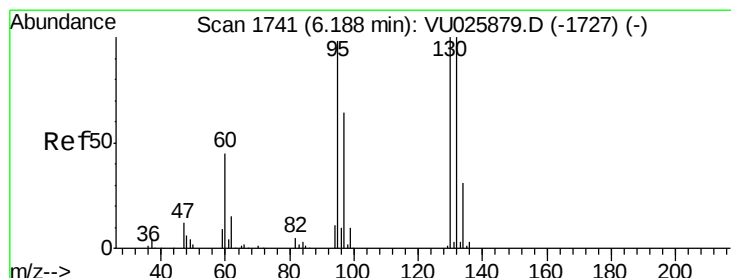
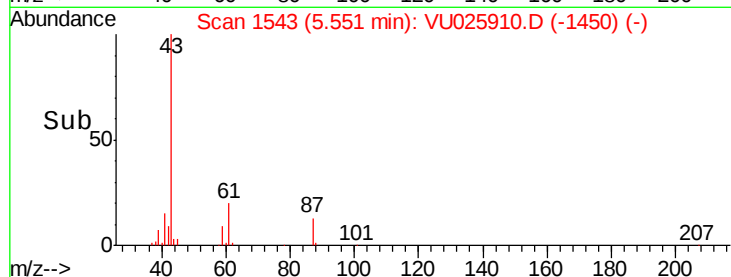
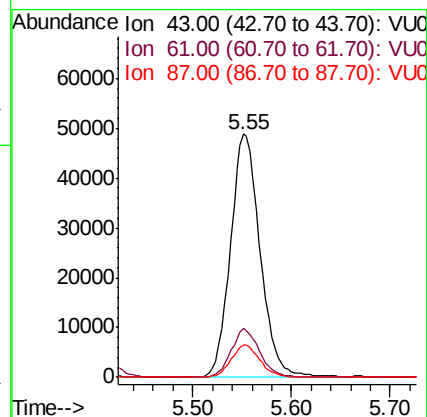
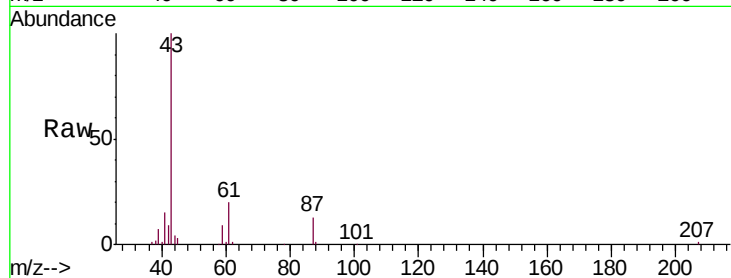




#43
Isopropyl Acetate
Concen: 20.284 ug/l
RT: 5.55 min Scan# 1543
Delta R.T. 0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

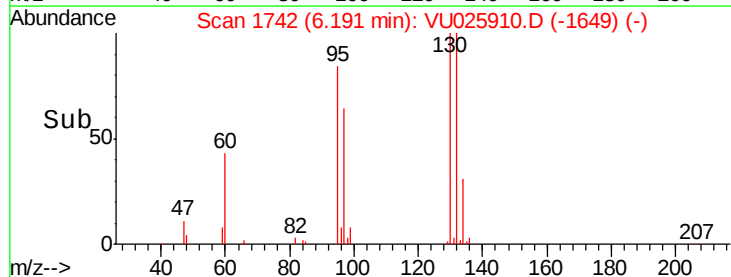
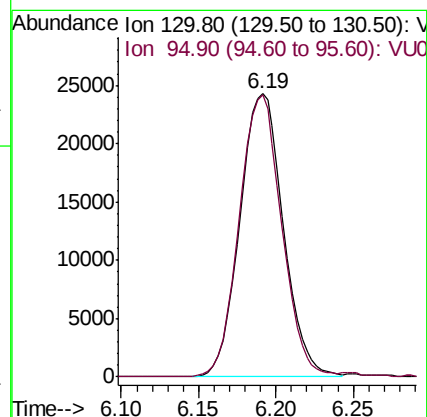
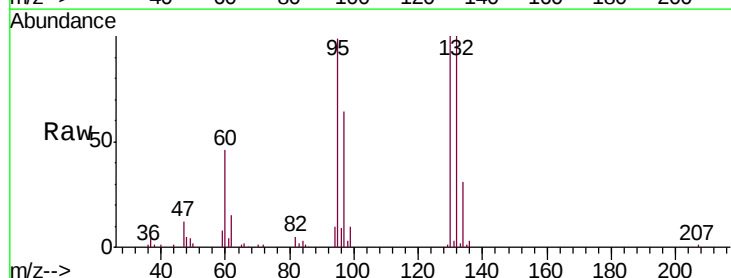
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBSD02

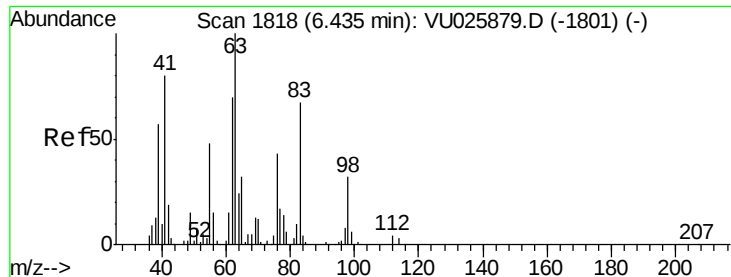
Tgt Ion: 43 Resp: 102718
Ion Ratio Lower Upper
43 100
61 19.2 15.5 23.3
87 12.8 10.6 16.0



#44
Trichloroethene
Concen: 19.680 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

Tgt Ion: 130 Resp: 47346
Ion Ratio Lower Upper
130 100
95 99.7 0.0 192.2

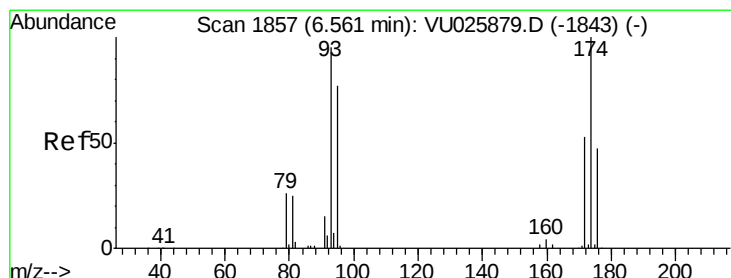
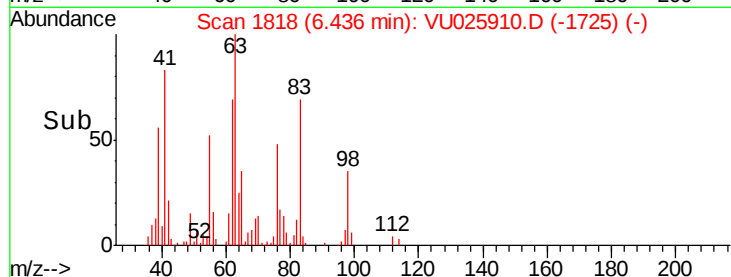
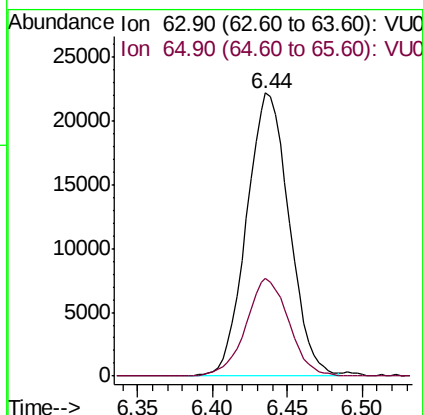
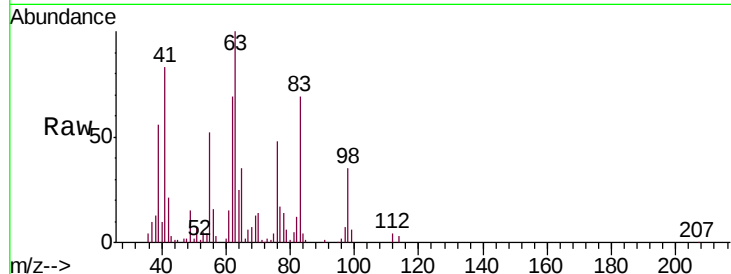




#45
 1,2-Dichloropropane
 Concen: 19.562 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

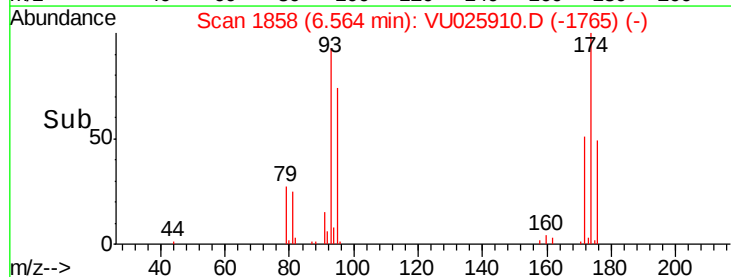
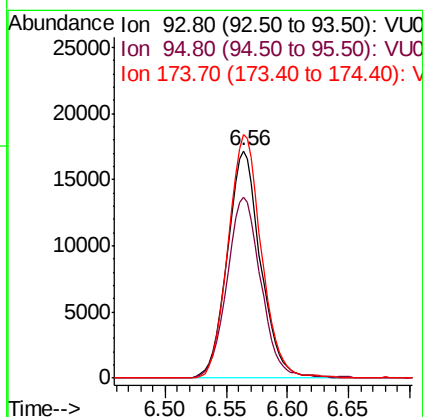
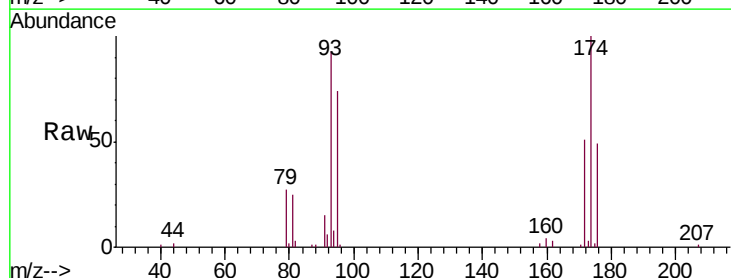
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBSD02

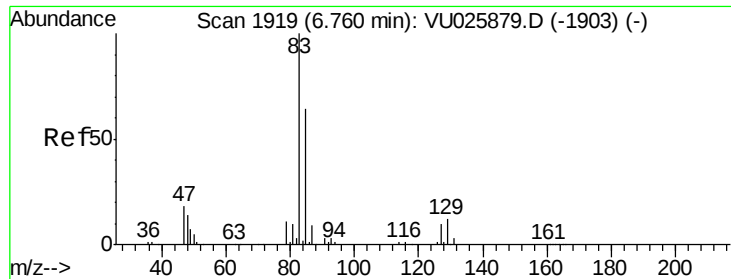
Tgt Ion: 63 Resp: 44075
 Ion Ratio Lower Upper
 63 100
 65 34.7 26.1 39.1



#46
 Dibromomethane
 Concen: 20.068 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Tgt Ion: 93 Resp: 32762
 Ion Ratio Lower Upper
 93 100
 95 80.9 66.6 100.0
 174 106.8 85.8 128.8

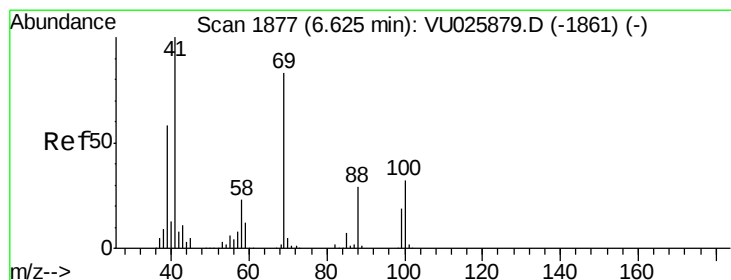
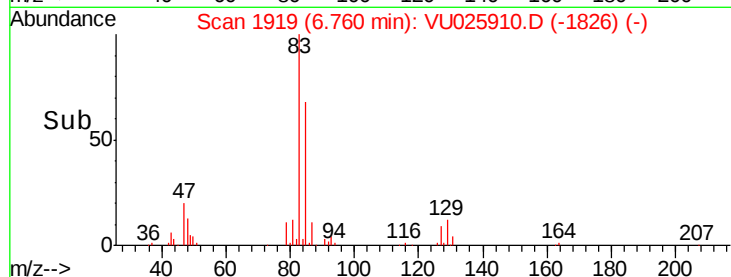
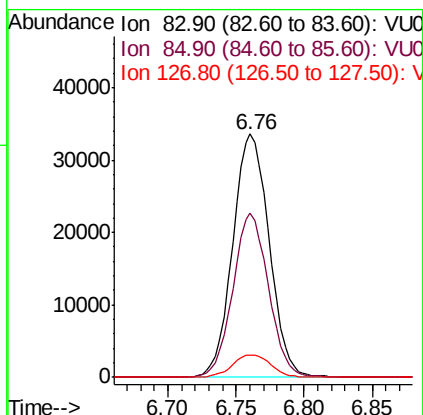
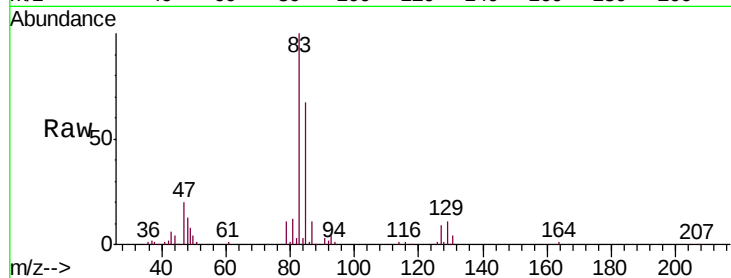




#47
 Bromodichloromethane
 Concen: 20.008 ug/l
 RT: 6.76 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

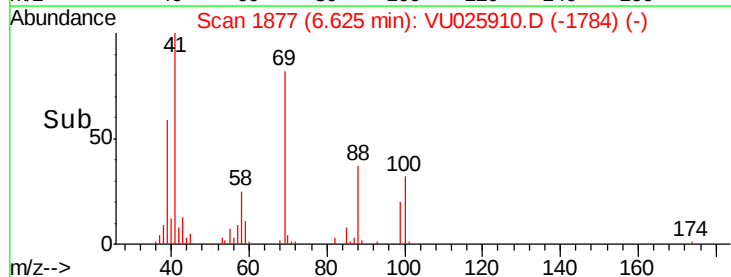
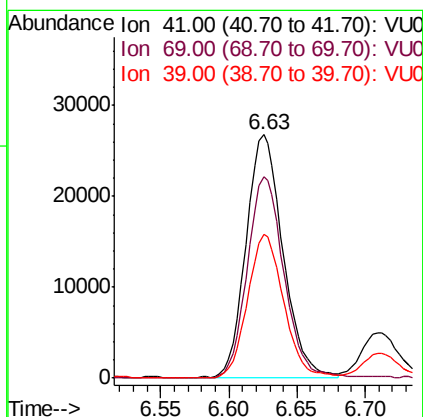
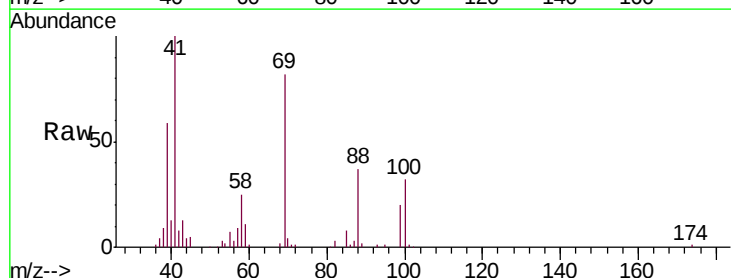
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBSD02

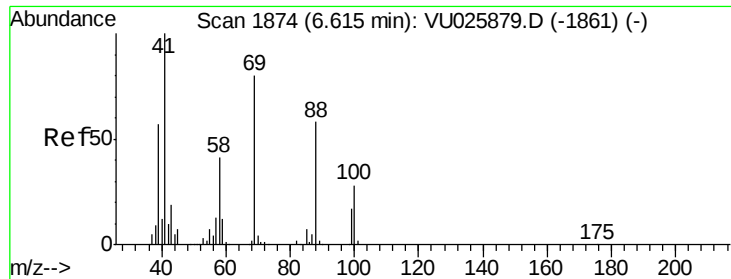
Tgt Ion: 83 Resp: 62305
 Ion Ratio Lower Upper
 83 100
 85 67.5 50.2 75.4
 127 9.3 7.2 10.8



#48
 Methyl methacrylate
 Concen: 20.377 ug/l
 RT: 6.63 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Tgt Ion: 41 Resp: 50575
 Ion Ratio Lower Upper
 41 100
 69 81.7 65.0 97.4
 39 57.6 46.4 69.6

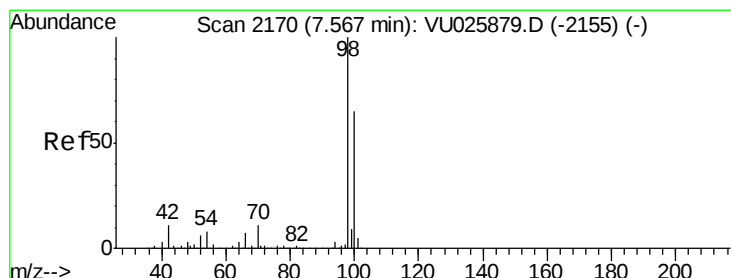
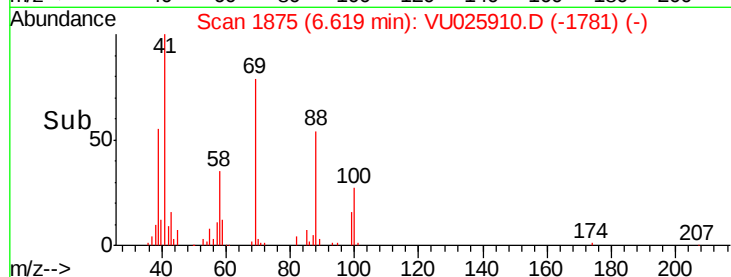
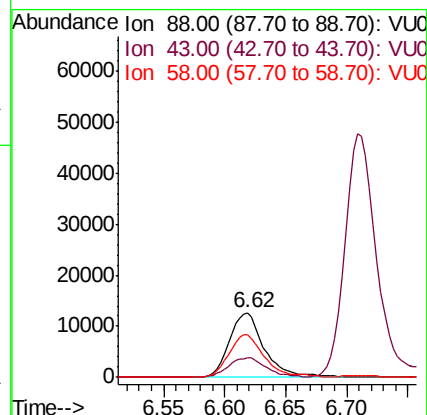
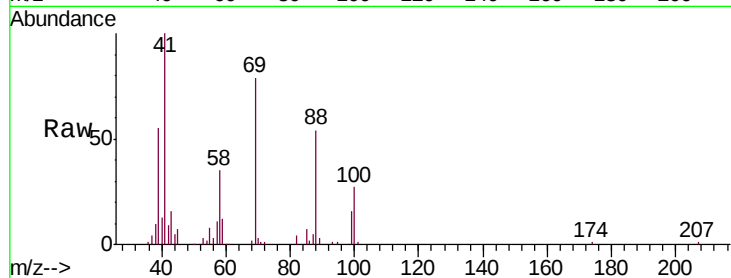




#49
 1,4-Dioxane
 Concen: 418.046 ug/l
 RT: 6.62 min Scan# 1875
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

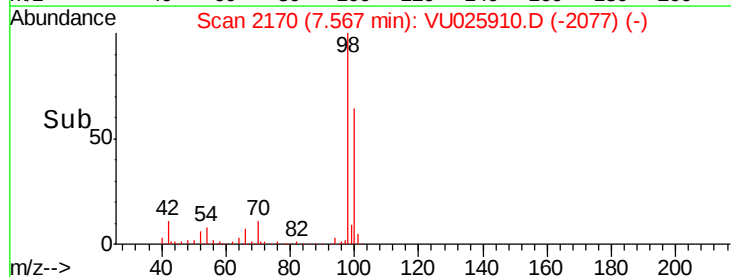
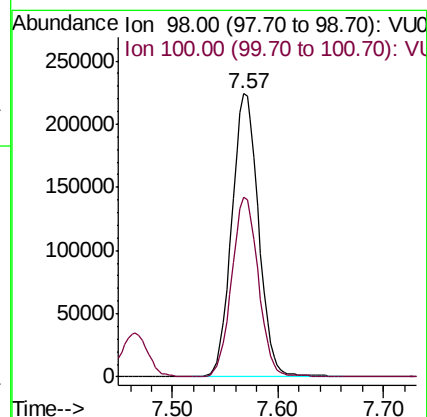
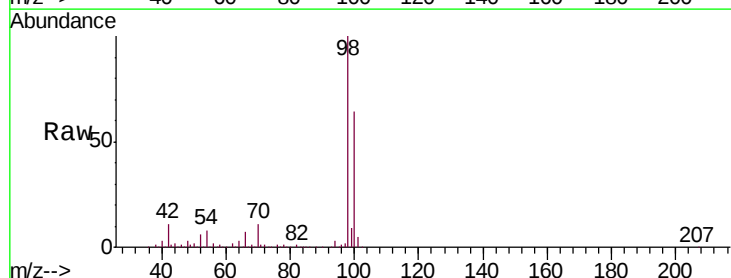
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBSD02

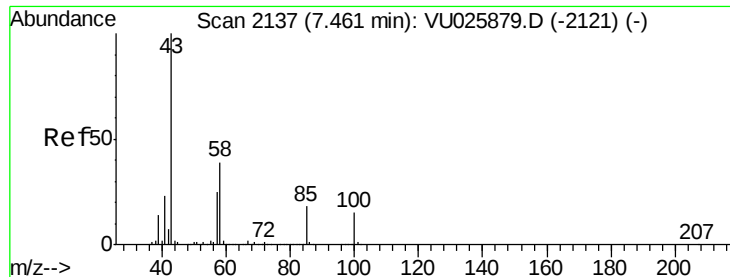
Tgt Ion: 88 Resp: 25249
 Ion Ratio Lower Upper
 88 100
 43 32.7 27.3 40.9
 58 67.2 57.6 86.4



#50
 Toluene-d8
 Concen: 51.198 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Tgt Ion: 98 Resp: 394067
 Ion Ratio Lower Upper
 98 100
 100 62.7 51.1 76.7

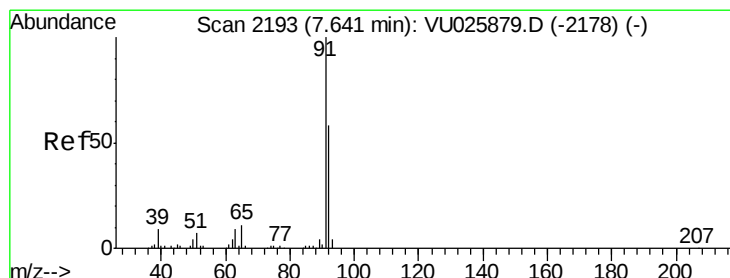
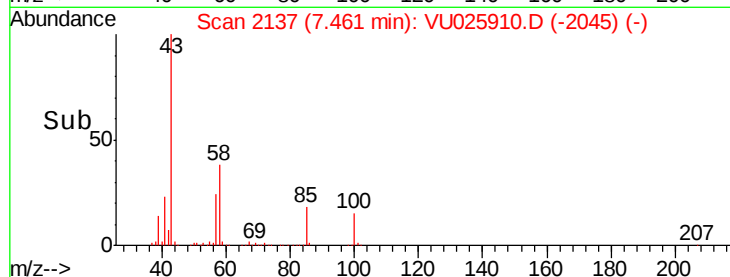
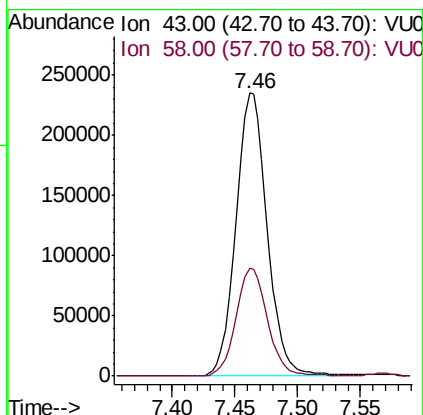
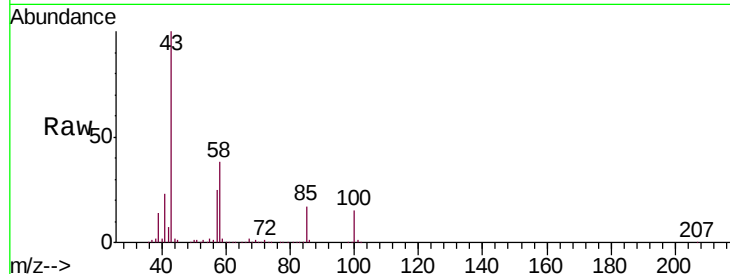




#51
 4-Methyl-2-Pentanone
 Concen: 128.471 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

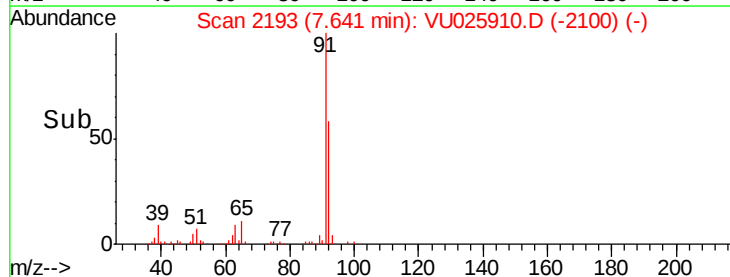
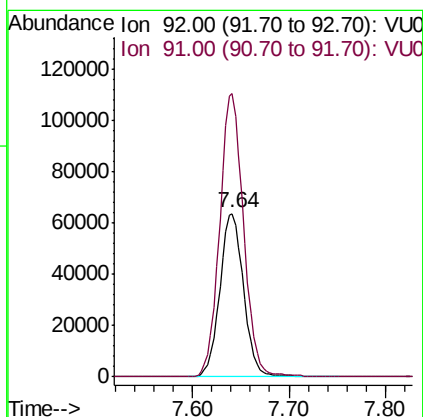
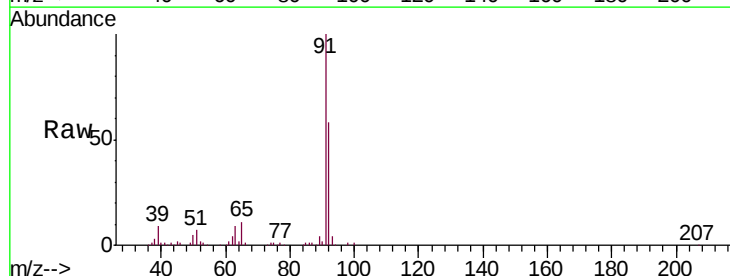
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBSD02

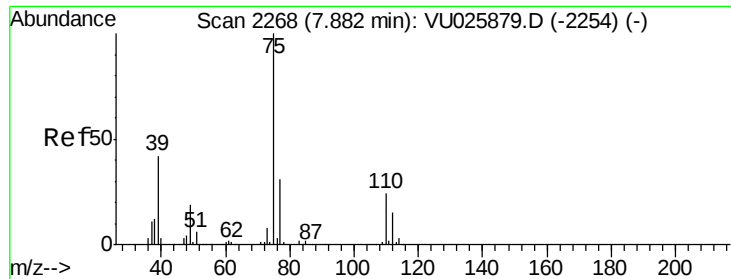
Tgt Ion: 43 Resp: 407307
 Ion Ratio Lower Upper
 43 100
 58 38.5 31.0 46.4



#52
 Toluene
 Concen: 20.291 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Tgt Ion: 92 Resp: 108900
 Ion Ratio Lower Upper
 92 100
 91 173.4 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 18.785 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Instrument :

MSVOA_U

ClientSampleId :

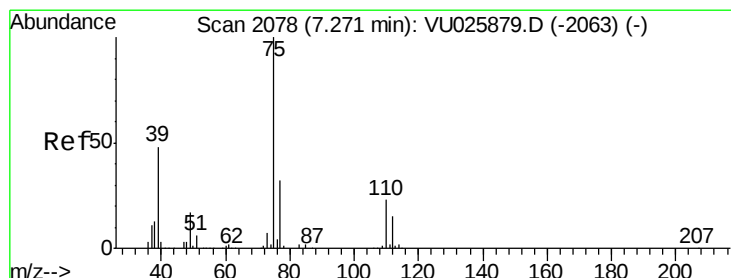
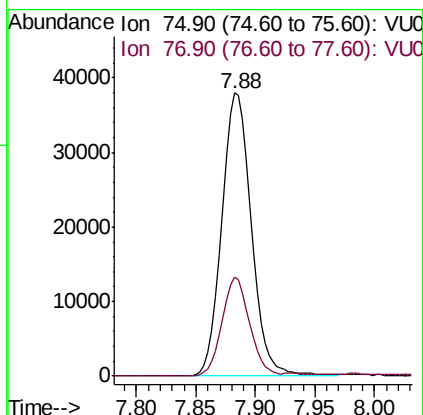
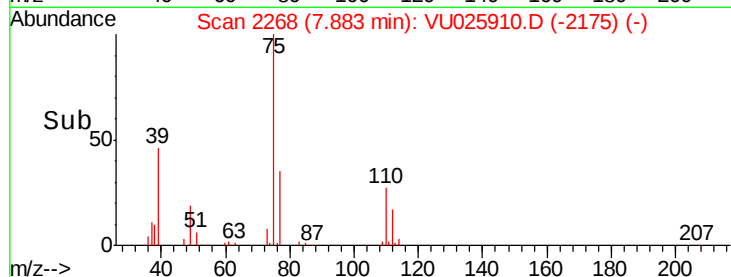
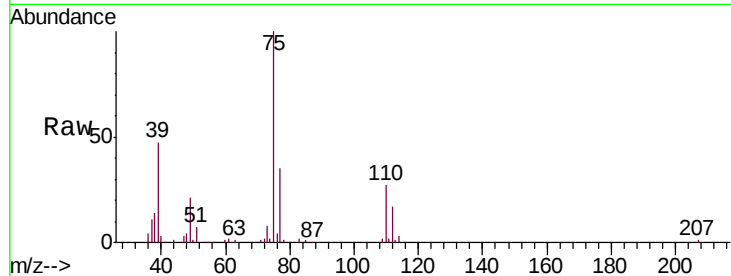
VU0806WBSD02

Tgt Ion: 75 Resp: 65681

Ion Ratio Lower Upper

75 100

77 34.8 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 19.439 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

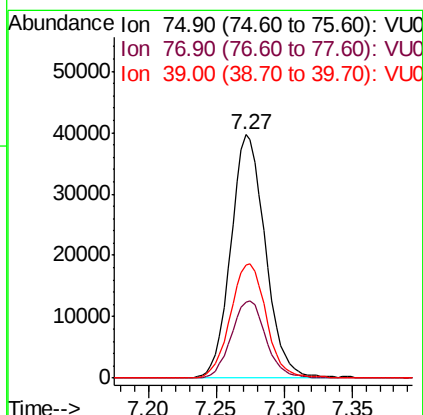
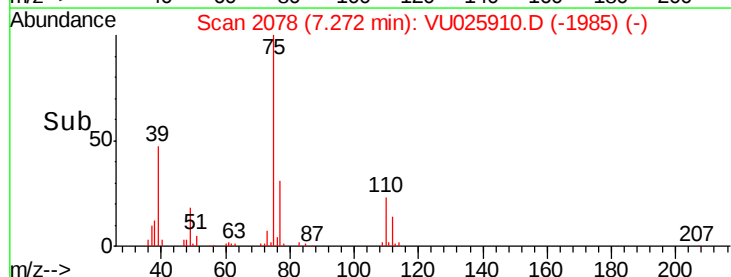
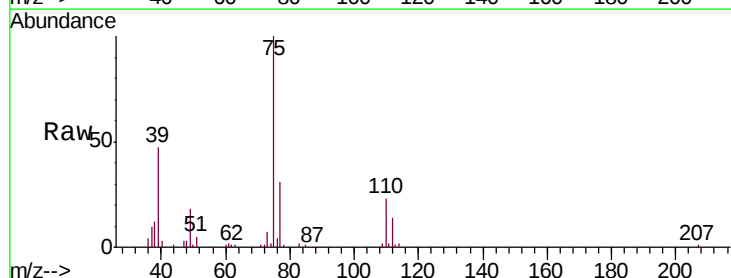
Tgt Ion: 75 Resp: 69818

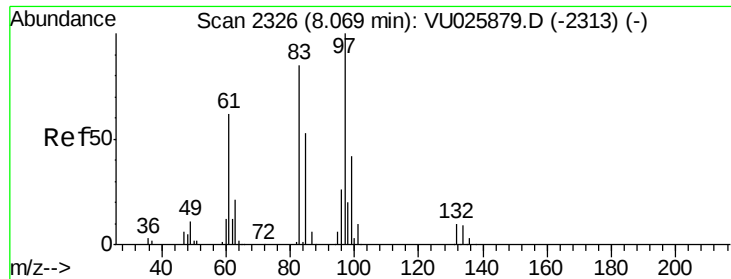
Ion Ratio Lower Upper

75 100

77 31.2 25.6 38.4

39 46.5 40.0 60.0

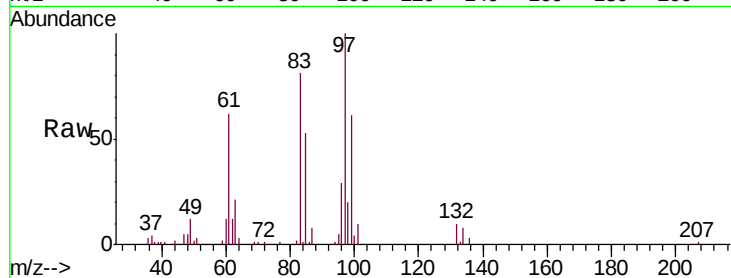




#55
 1,1,2-Trichloroethane
 Concen: 20.289 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBSD02

Tgt Ion:	97	Resp:	45253
Ion	Ratio	Lower	Upper
97	100		
83	80.5	68.9	103.3
85	53.1	44.4	66.6
99	60.6	51.0	76.4



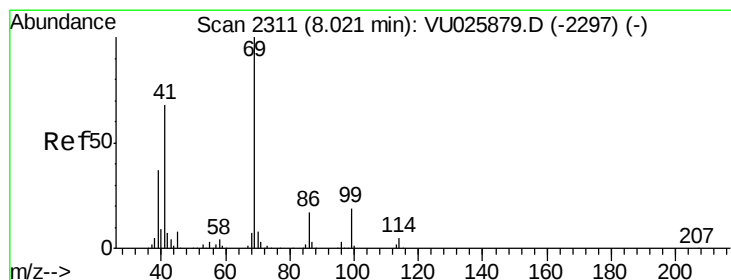
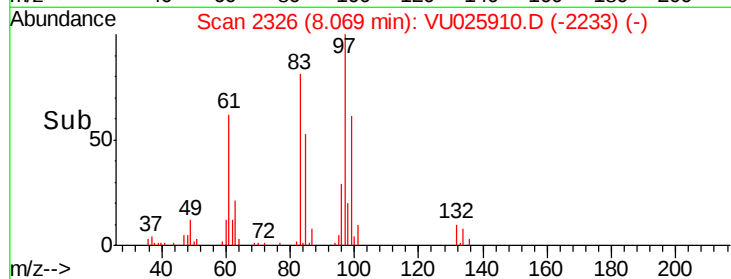
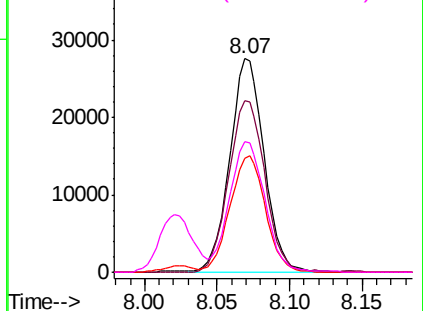
Abundance

Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

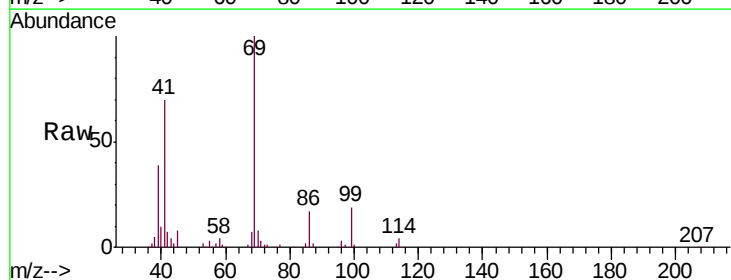
Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56
 Ethyl methacrylate
 Concen: 19.766 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Tgt Ion:	69	Resp:	62991
Ion	Ratio	Lower	Upper
69	100		
41	69.6	54.8	82.2
39	38.3	31.1	46.7

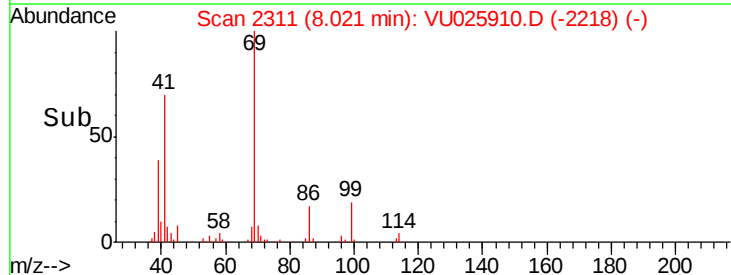
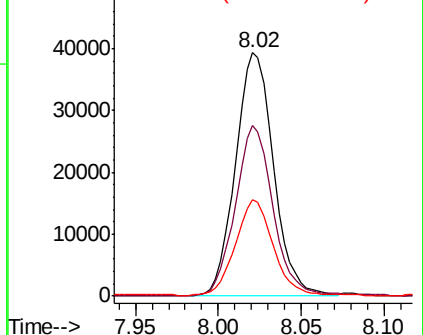


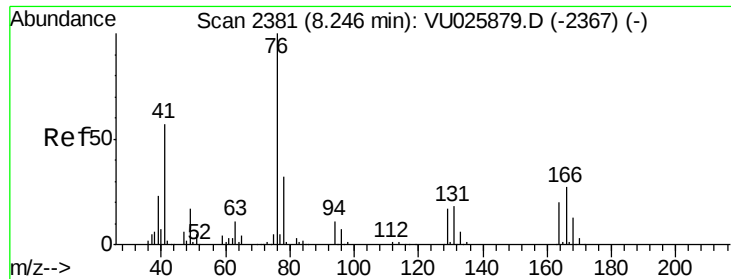
Abundance

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: 19.923 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Instrument :

MSVOA_U

ClientSampleId :

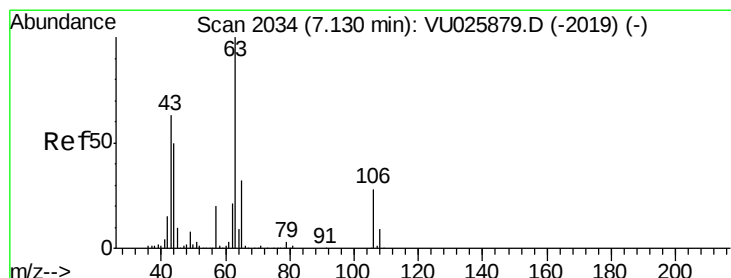
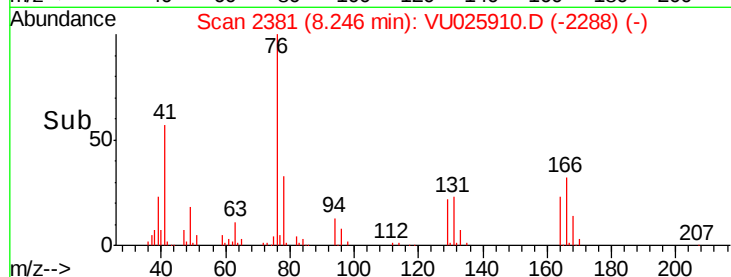
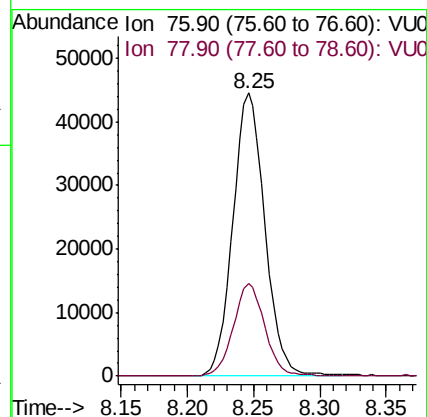
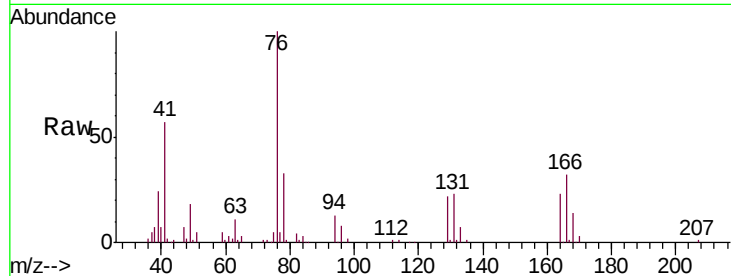
VU0806WBSD02

Tgt Ion: 76 Resp: 74729

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 91.226 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU025910.D

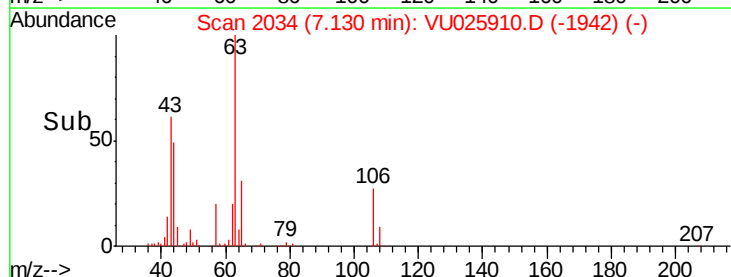
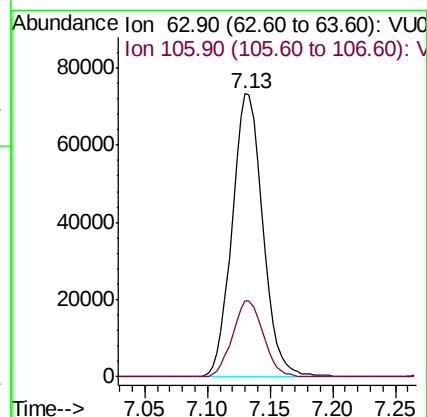
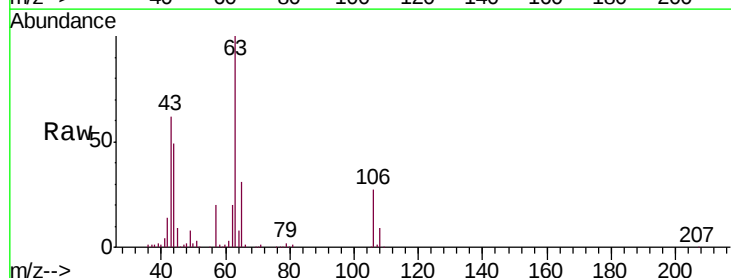
Acq: 07 Aug 2018 01:30

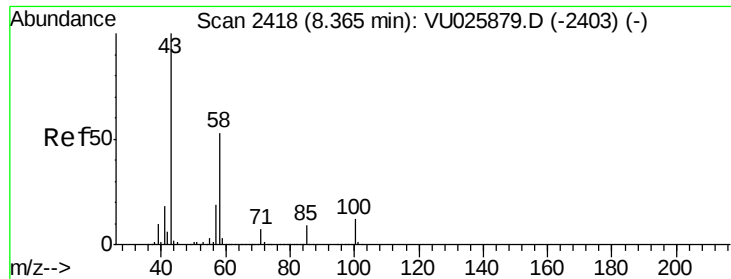
Tgt Ion: 63 Resp: 124973

Ion Ratio Lower Upper

63 100

106 27.0 22.3 33.5

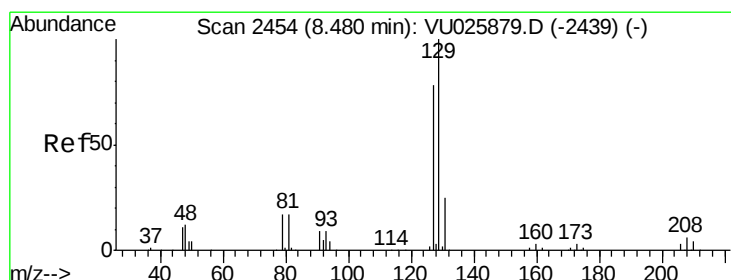
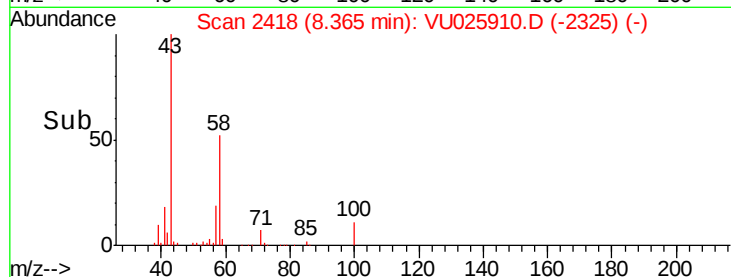
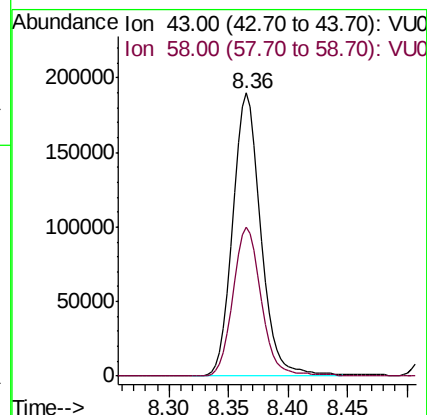
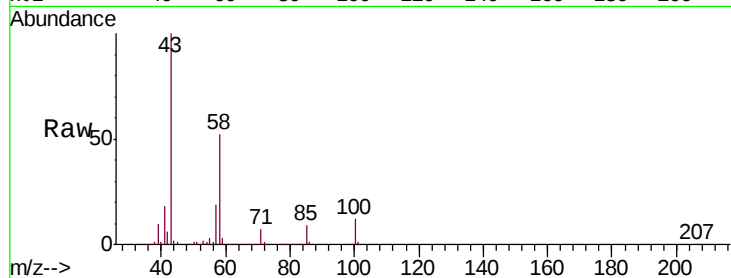




#59
2-Hexanone
Concen: 125.270 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

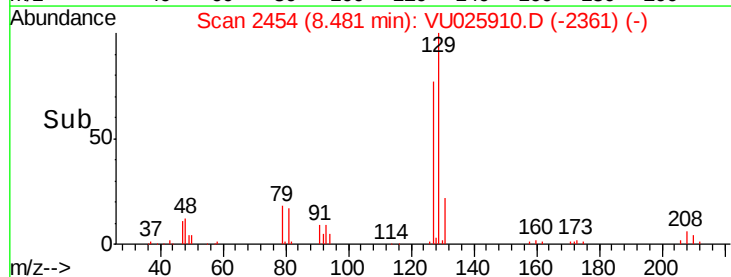
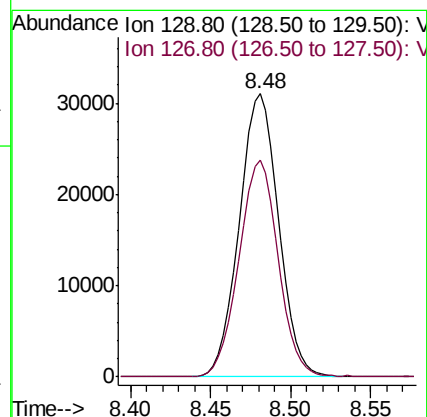
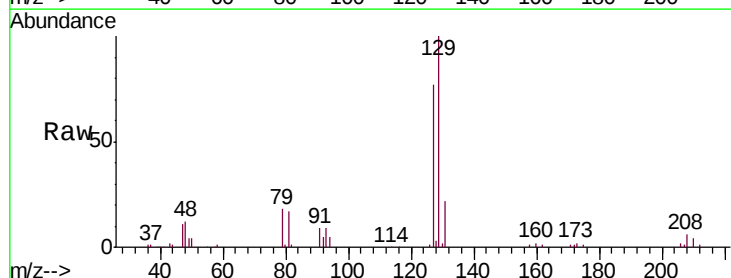
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBSD02

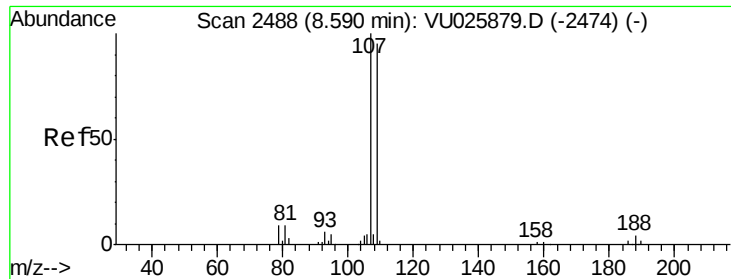
Tgt Ion: 43 Resp: 311322
Ion Ratio Lower Upper
43 100
58 52.9 26.2 78.5



#60
Dibromochloromethane
Concen: 19.784 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

Tgt Ion: 129 Resp: 52035
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8

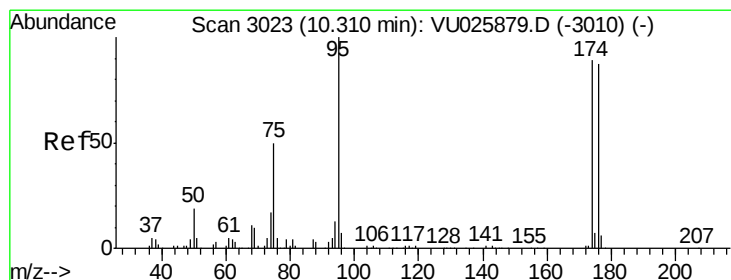
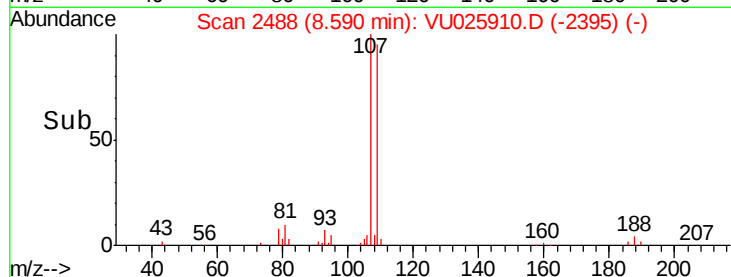
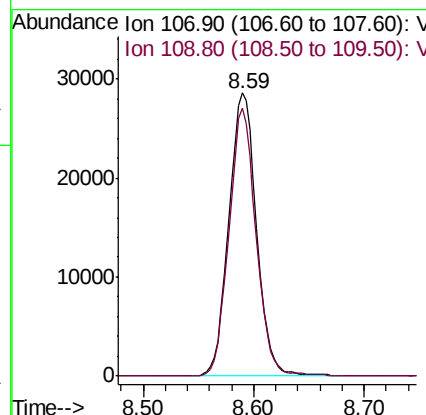
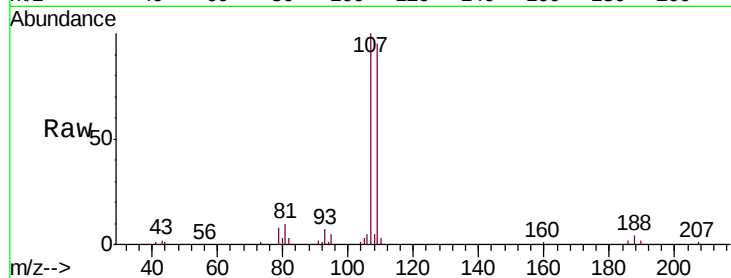




#61
 1,2-Dibromoethane
 Concen: 20.029 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

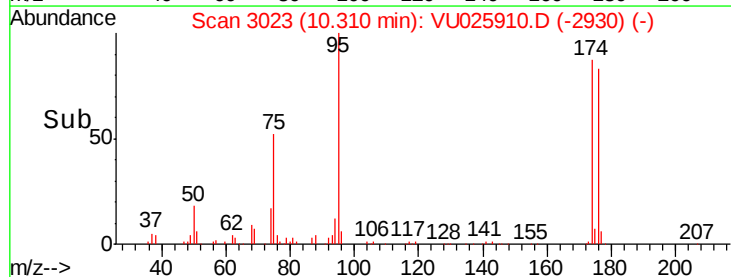
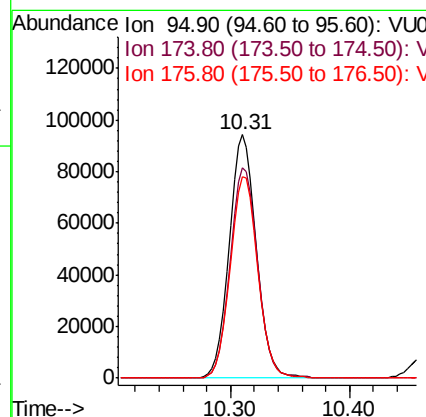
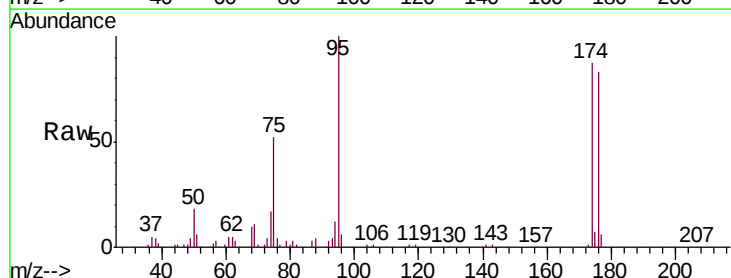
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBSD02

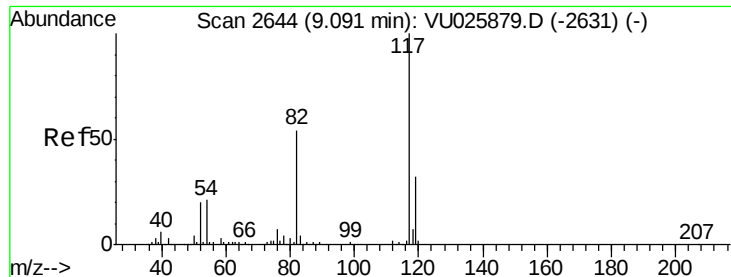
Tgt Ion: 107 Resp: 49681
 Ion Ratio Lower Upper
 107 100
 109 92.5 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 49.590 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Tgt Ion: 95 Resp: 148150
 Ion Ratio Lower Upper
 95 100
 174 87.9 0.0 172.2
 176 84.8 0.0 162.6

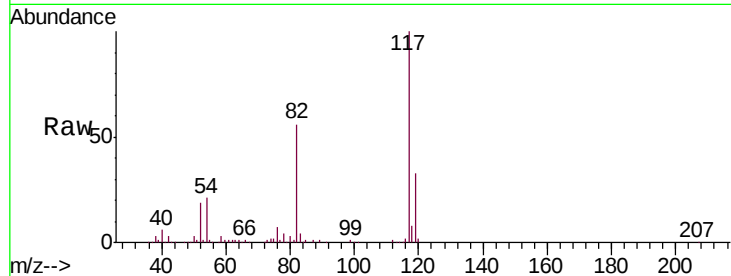




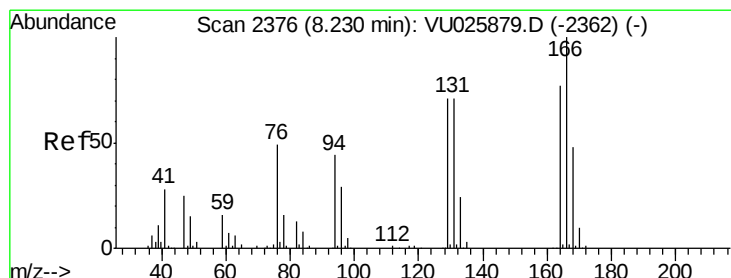
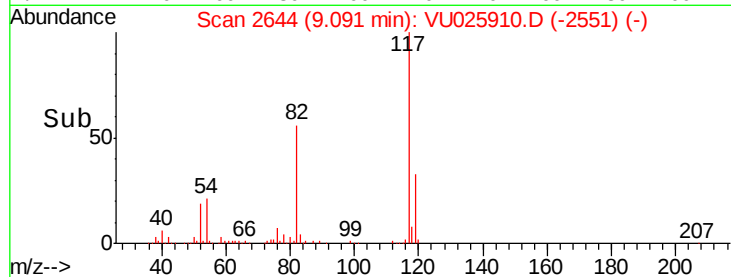
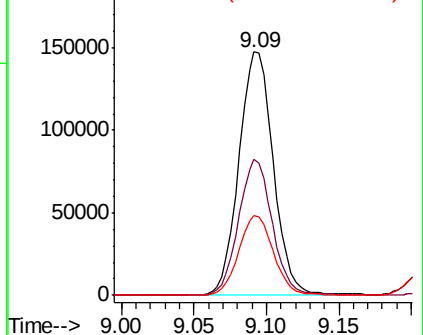
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

Instrument :
MSVOA_U
ClientSampleId :
VU0806WBSD02

Tgt Ion:117 Resp: 243815
Ion Ratio Lower Upper
117 100
82 55.7 46.0 69.0
119 32.7 26.0 39.0



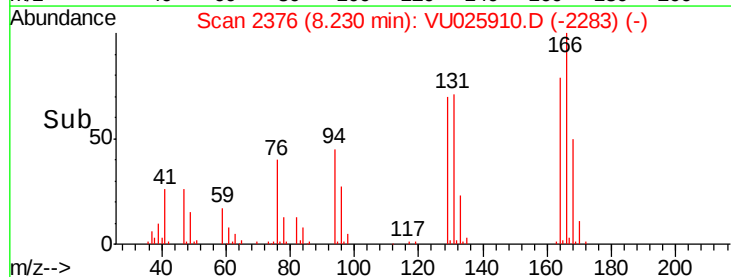
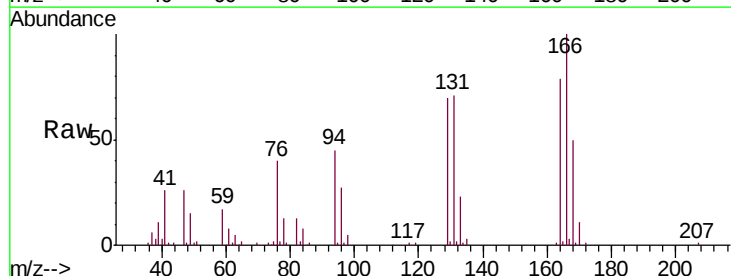
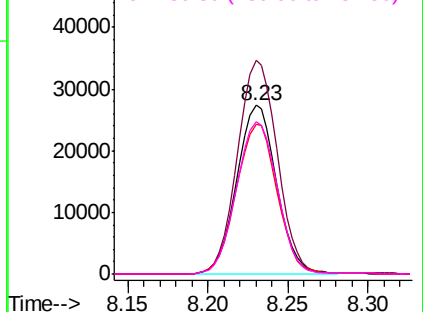
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

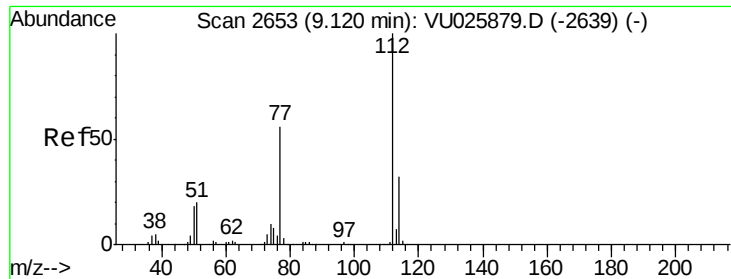


#64
Tetrachloroethene
Concen: 21.575 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

Tgt Ion:164 Resp: 46301
Ion Ratio Lower Upper
164 100
166 126.8 101.1 151.7
129 88.7 73.0 109.6
131 90.2 72.1 108.1

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





#65

Chlorobenzene

Concen: 19.928 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Instrument :

MSVOA_U

ClientSampleId :

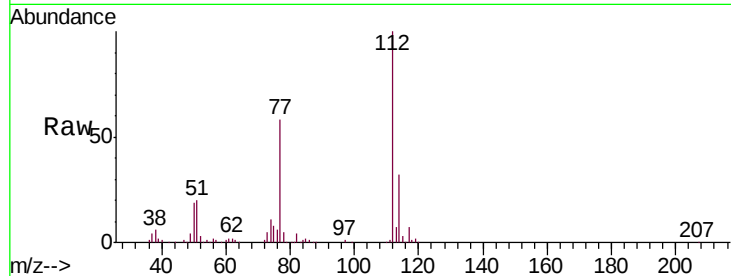
VU0806WBSD02

Tgt Ion:112 Resp: 125269

Ion Ratio Lower Upper

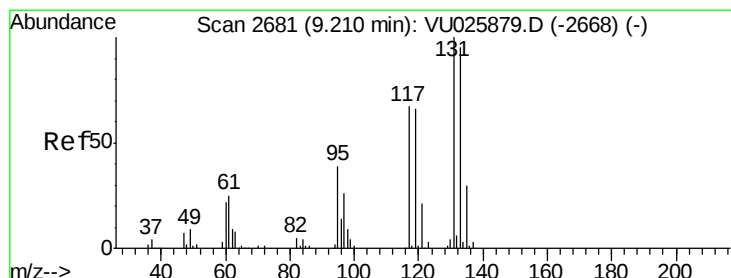
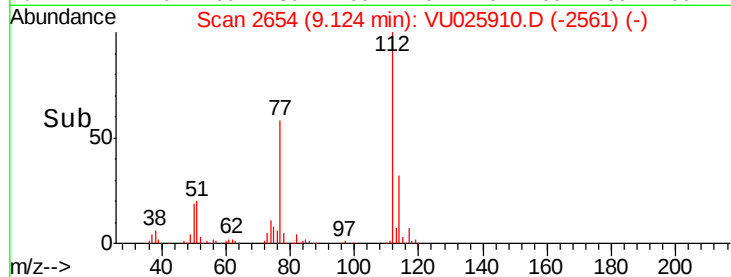
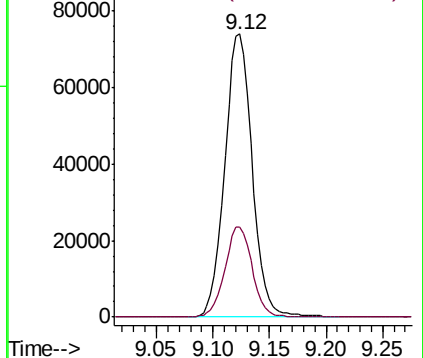
112 100

114 32.0 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.374 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

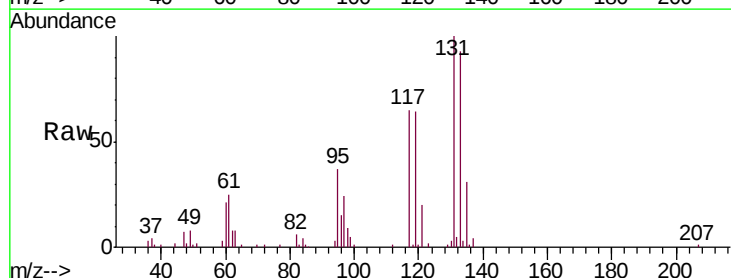
Tgt Ion:131 Resp: 46332

Ion Ratio Lower Upper

131 100

133 97.0 47.8 143.3

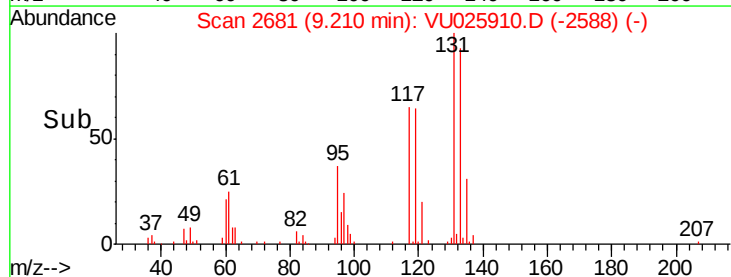
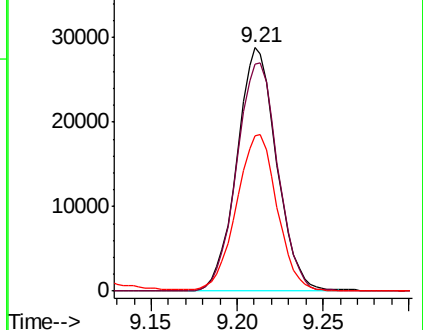
119 66.2 31.6 95.0

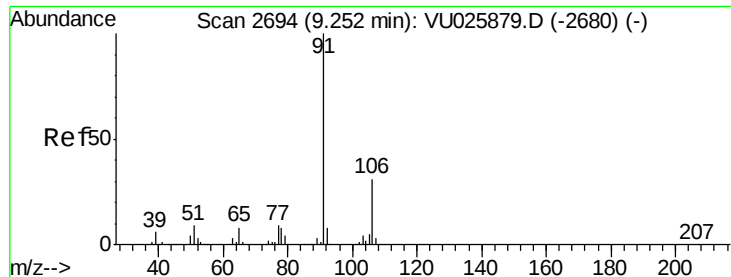


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

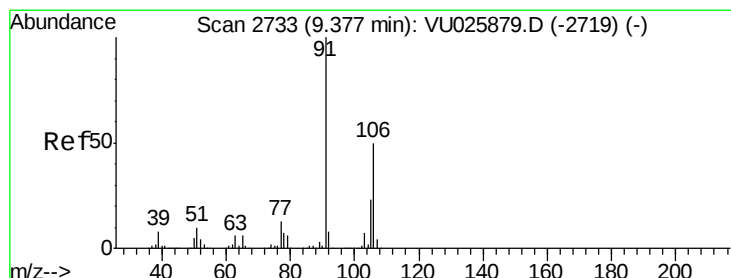
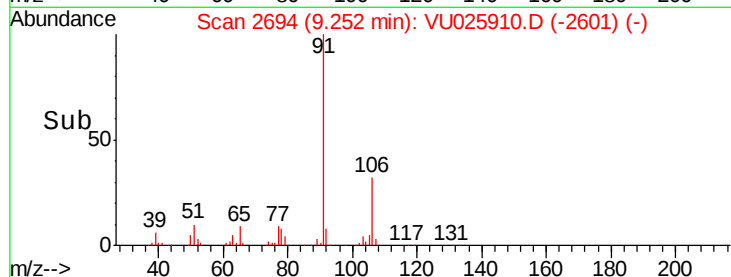
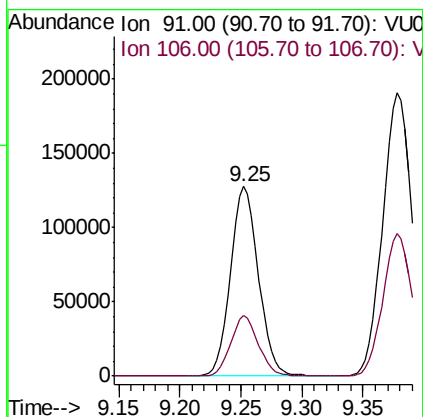
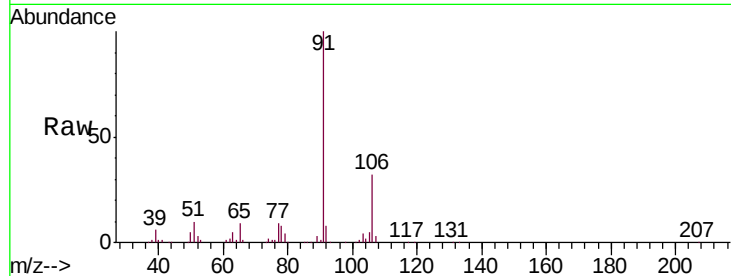




#67
Ethyl Benzene
Concen: 19.667 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

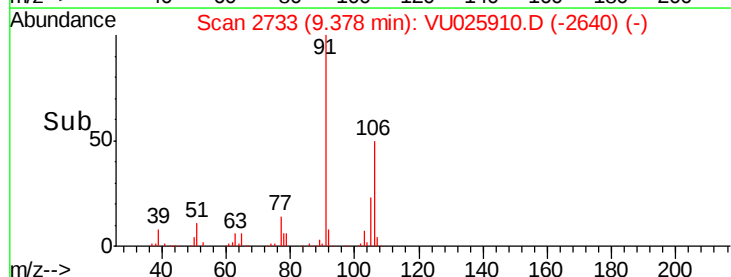
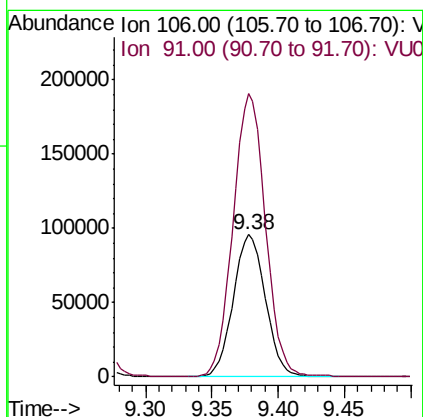
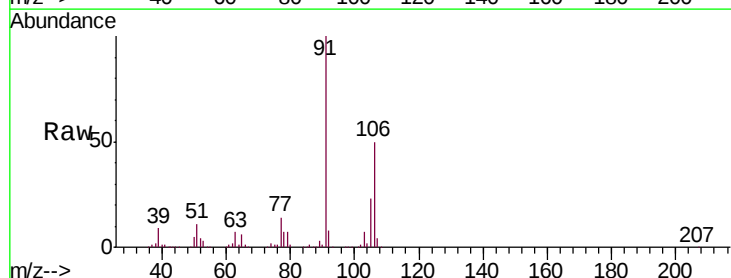
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBSD02

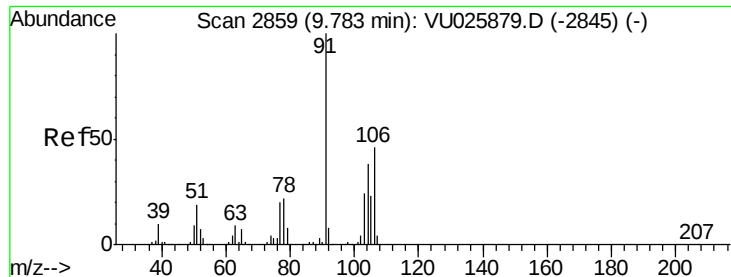
Tgt Ion: 91 Resp: 204783
Ion Ratio Lower Upper
91 100
106 32.0 25.3 37.9



#68
m/p-Xylenes
Concen: 40.591 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

Tgt Ion: 106 Resp: 162268
Ion Ratio Lower Upper
106 100
91 199.0 162.3 243.5

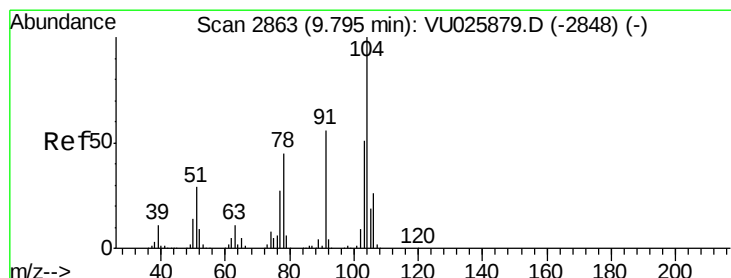
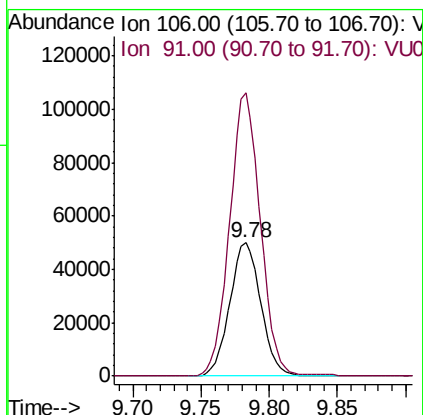
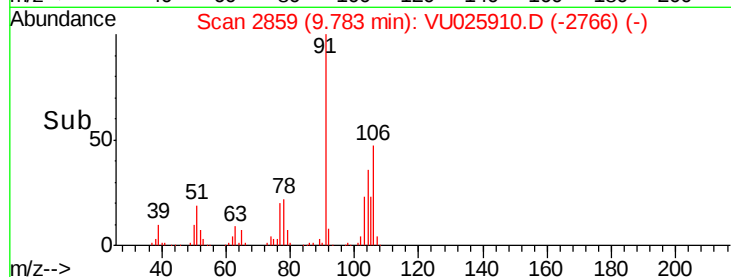
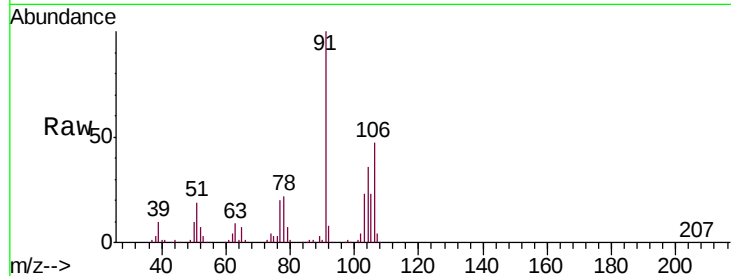




#69
o-Xylene
Concen: 20.219 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

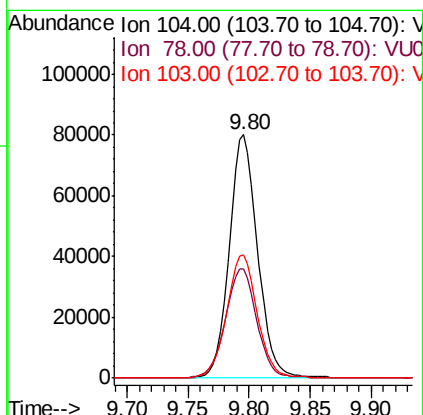
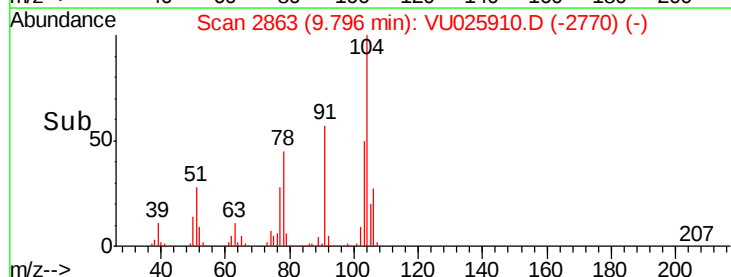
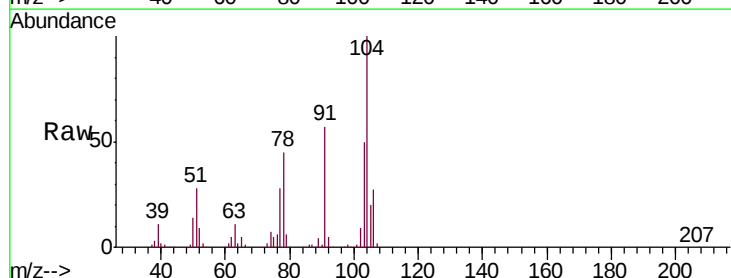
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBSD02

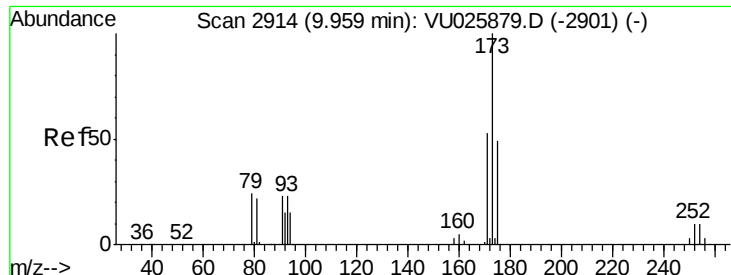
Tgt Ion:106 Resp: 78996
Ion Ratio Lower Upper
106 100
91 210.4 105.3 315.8



#70
Styrene
Concen: 20.590 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

Tgt Ion:104 Resp: 129942
Ion Ratio Lower Upper
104 100
78 50.2 41.6 62.4
103 54.7 44.6 66.8





#71

Bromoform

Concen: 20.398 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Instrument :
MSVOA_U
ClientSampleId :
VU0806WBSD02

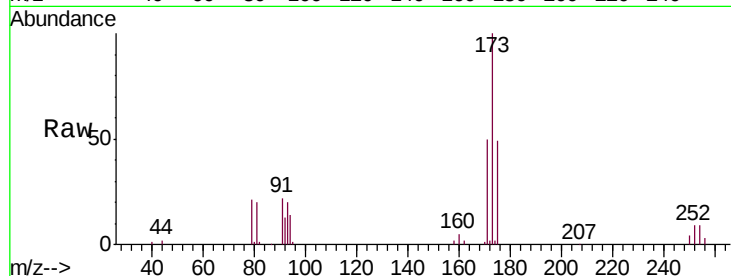
Tgt Ion:173 Resp: 40221

Ion Ratio Lower Upper

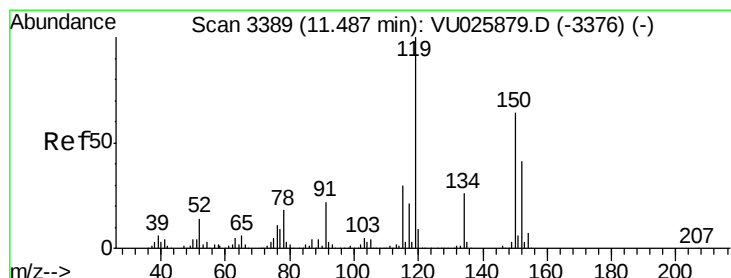
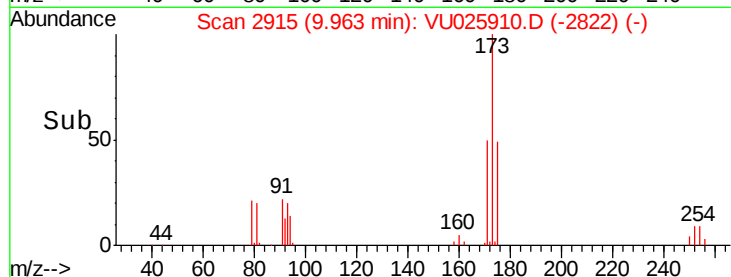
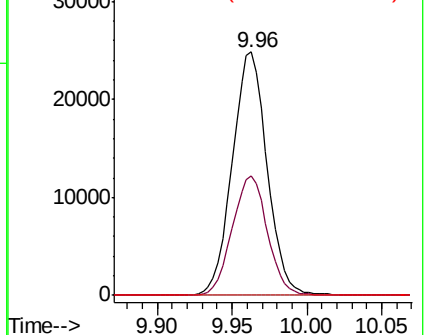
173 100

175 49.3 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: VU025910.D

Acq: 07 Aug 2018 01:30

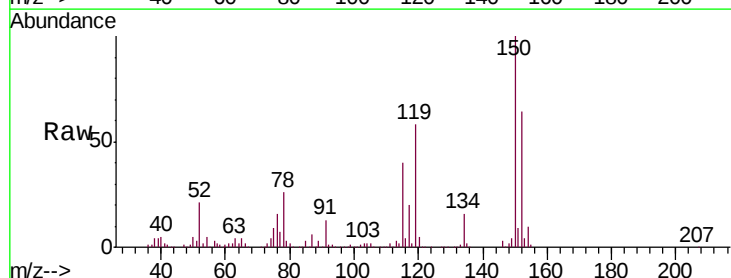
Tgt Ion:152 Resp: 152833

Ion Ratio Lower Upper

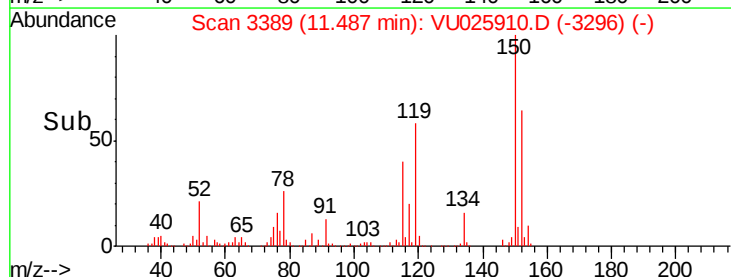
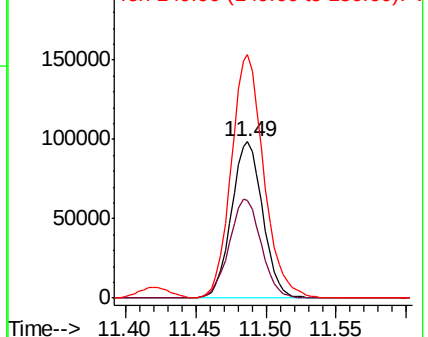
152 100

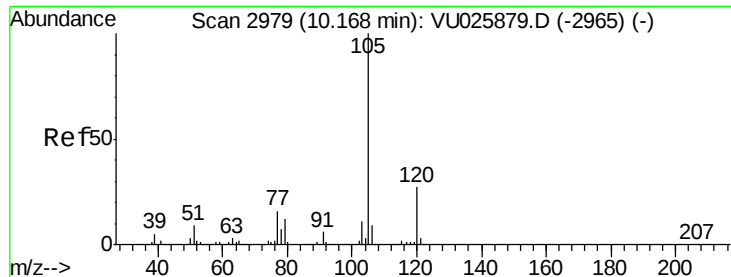
115 64.9 40.1 120.3

150 161.7 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: 20.454 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Instrument :

MSVOA_U

ClientSampleId :

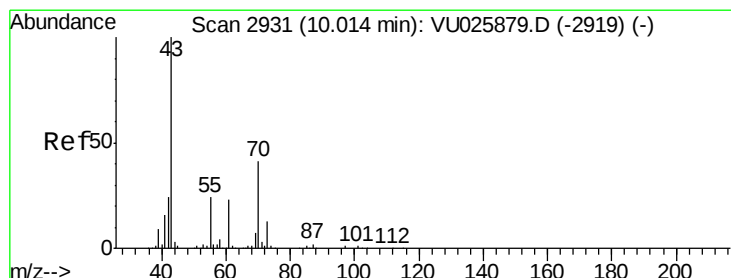
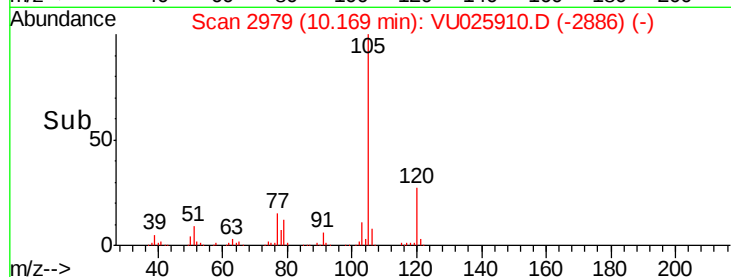
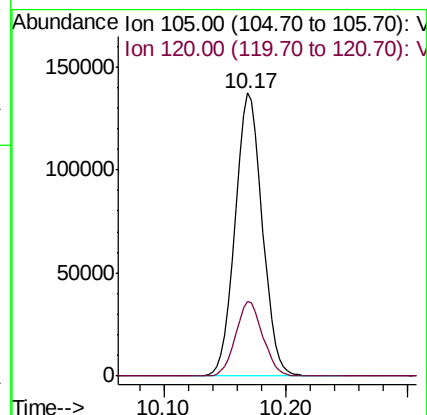
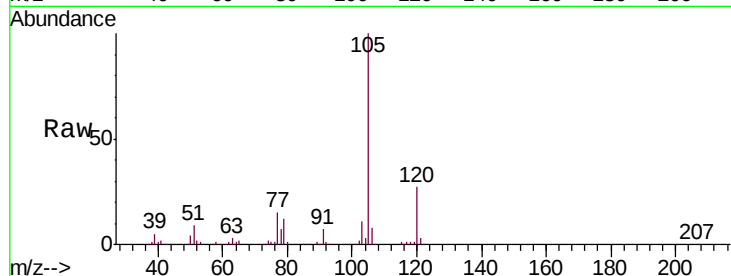
VU0806WBSD02

Tgt Ion: 105 Resp: 213361

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.5



#74

N-ethyl acetate

Concen: 20.521 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Tgt Ion: 43 Resp: 87387

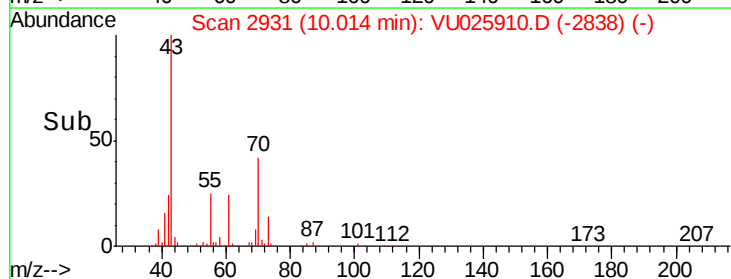
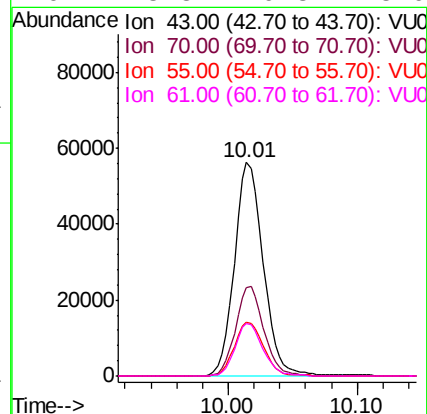
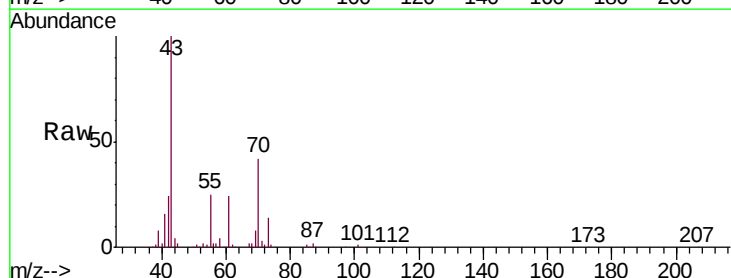
Ion Ratio Lower Upper

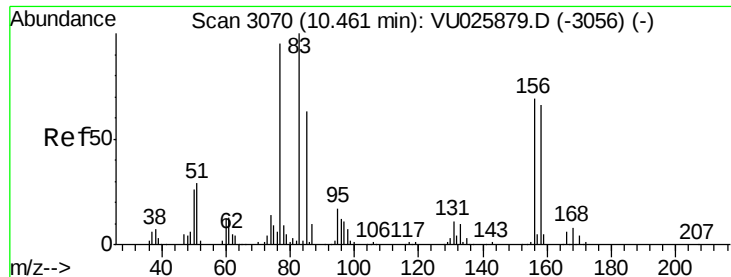
43 100

70 41.2 33.4 50.2

55 25.6 19.0 28.6

61 23.8 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.232 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBSD02

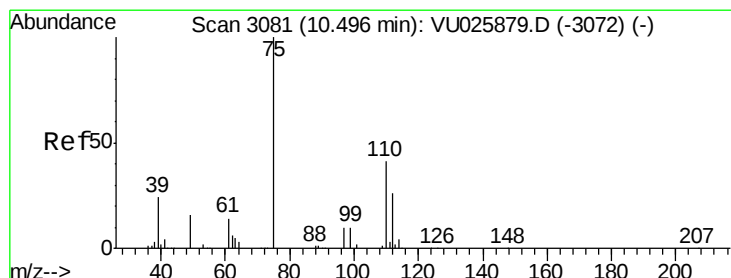
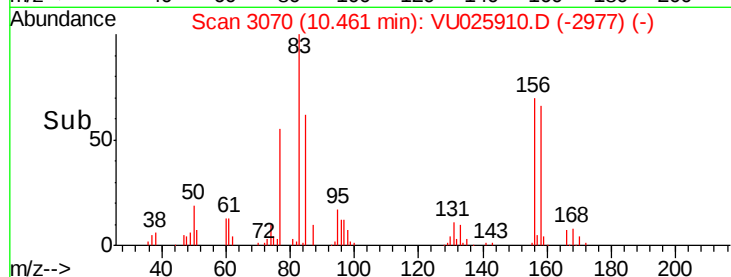
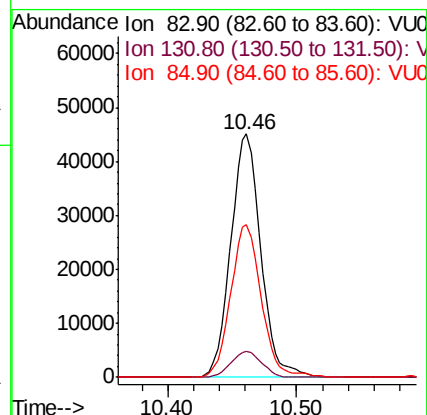
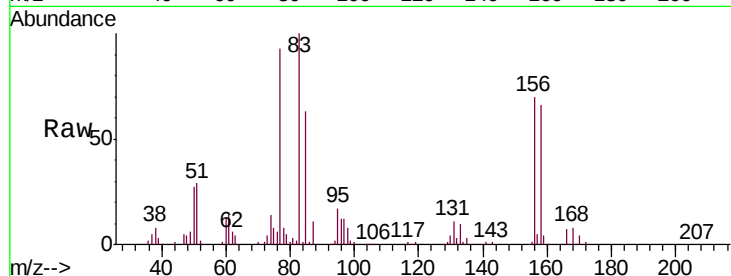
Tgt Ion: 83 Resp: 72982

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

85 63.9 31.6 94.8



#76

1,2,3-Trichloropropane

Concen: 24.630 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025910.D

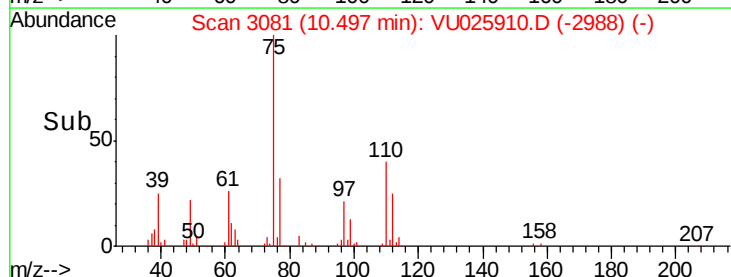
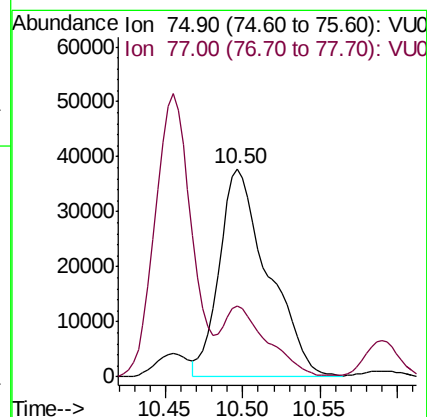
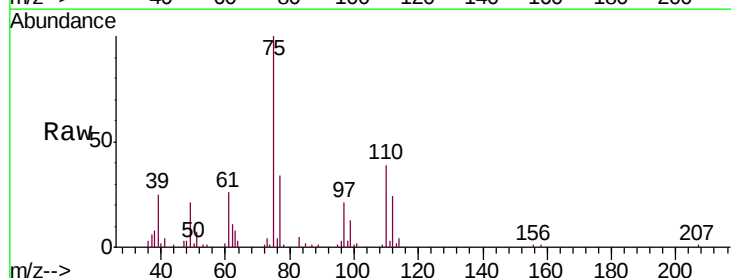
Acq: 07 Aug 2018 01:30

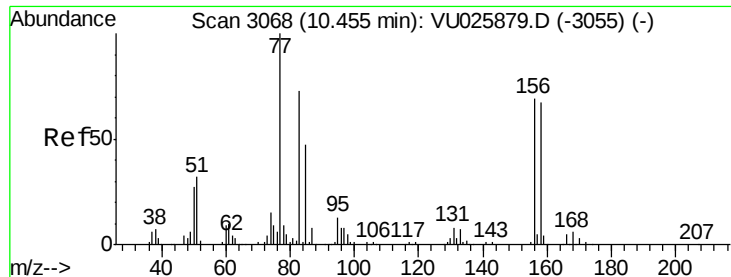
Tgt Ion: 75 Resp: 82939

Ion Ratio Lower Upper

75 100

77 29.7 20.4 61.3





#77

Bromobenzene

Concen: 20.132 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBSD02

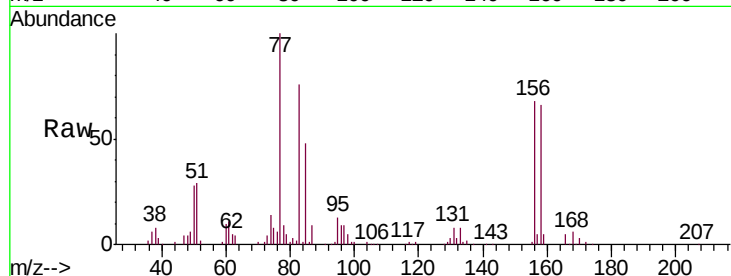
Tgt Ion:156 Resp: 57923

Ion Ratio Lower Upper

156 100

77 145.1 73.8 221.4

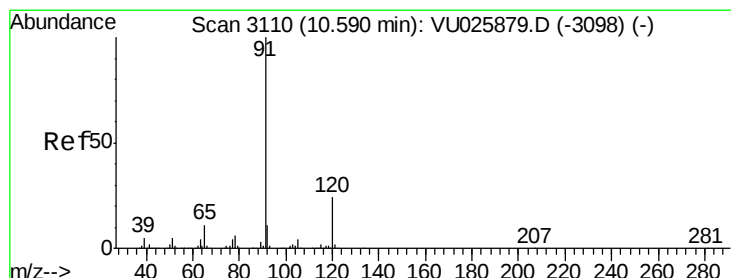
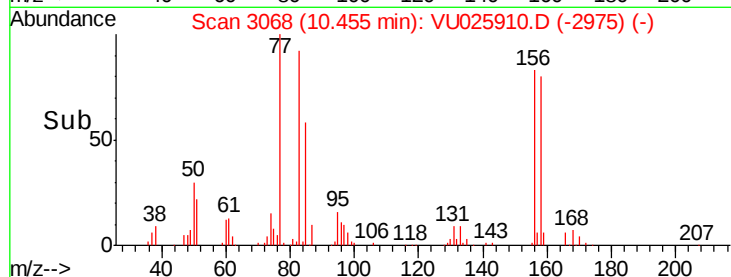
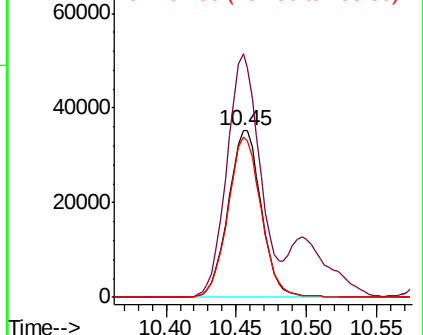
158 96.6 48.0 144.0



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: 20.007 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025910.D

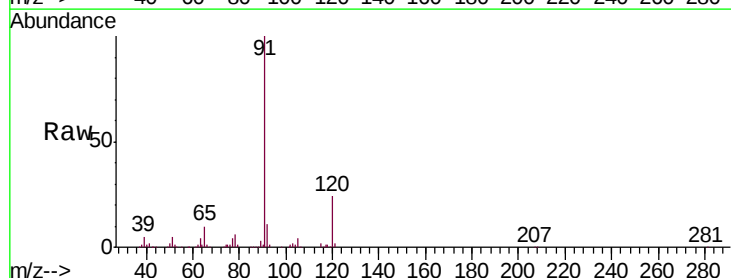
Acq: 07 Aug 2018 01:30

Tgt Ion: 91 Resp: 243585

Ion Ratio Lower Upper

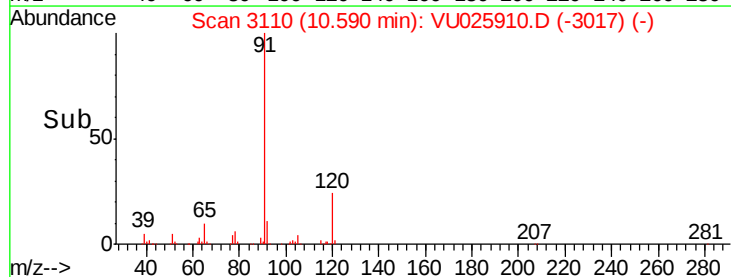
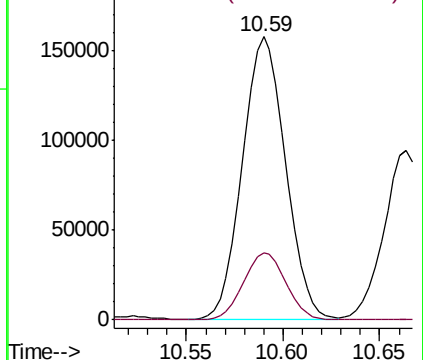
91 100

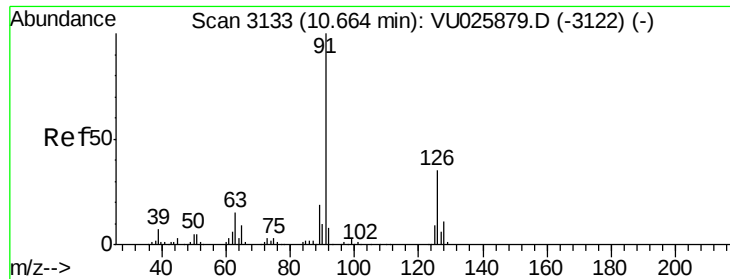
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.590 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Instrument :

MSVOA_U

ClientSampleId :

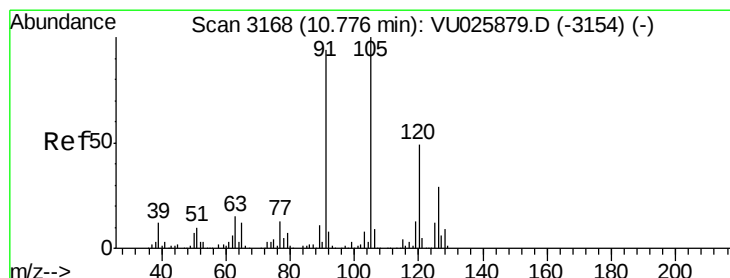
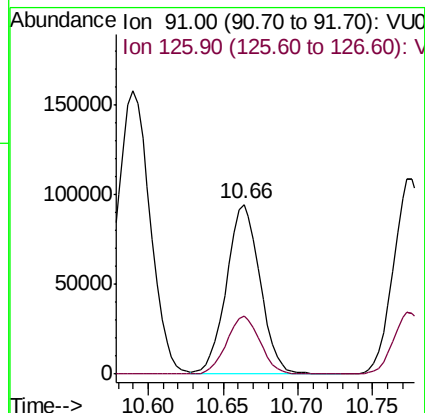
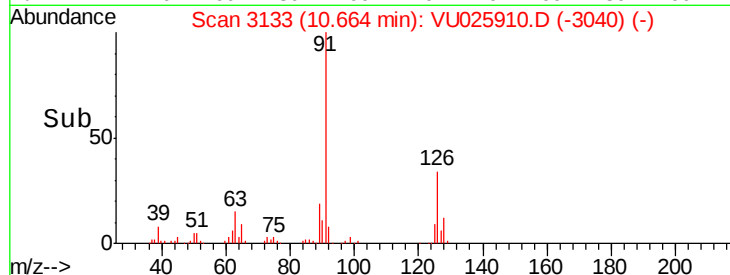
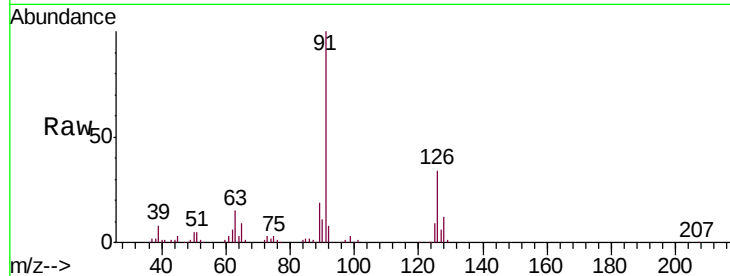
VU0806WBSD02

Tgt Ion: 91 Resp: 146829

Ion Ratio Lower Upper

91 100

126 34.5 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 20.163 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025910.D

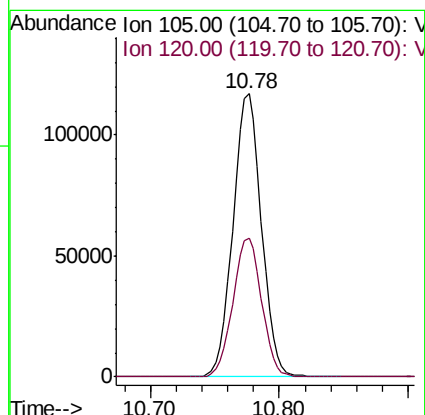
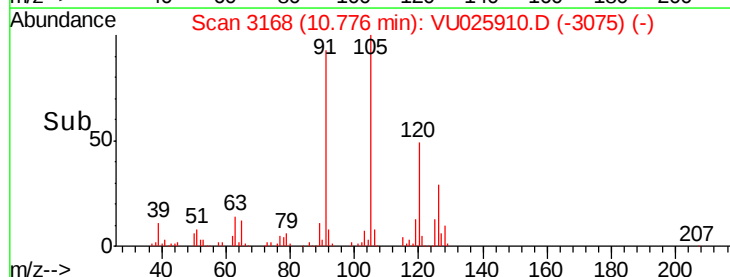
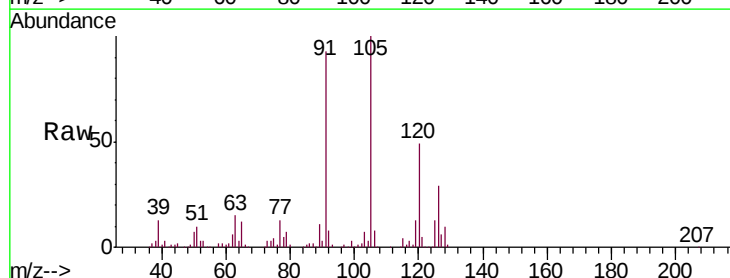
Acq: 07 Aug 2018 01:30

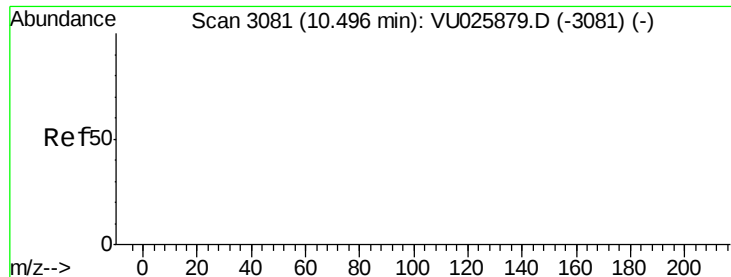
Tgt Ion: 105 Resp: 178623

Ion Ratio Lower Upper

105 100

120 49.5 24.1 72.2

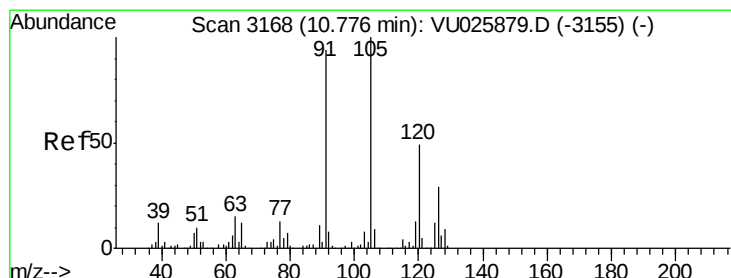
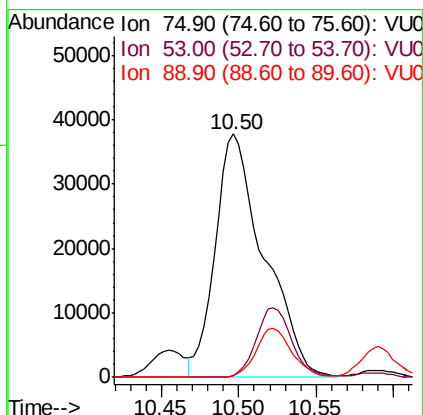
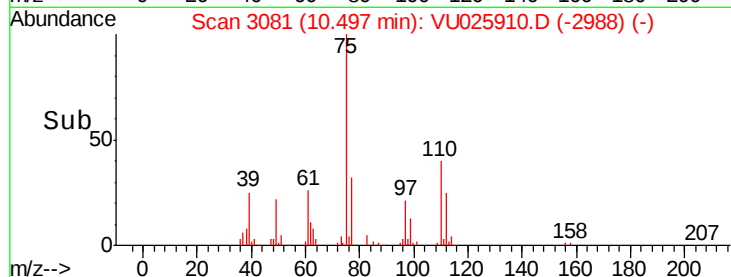
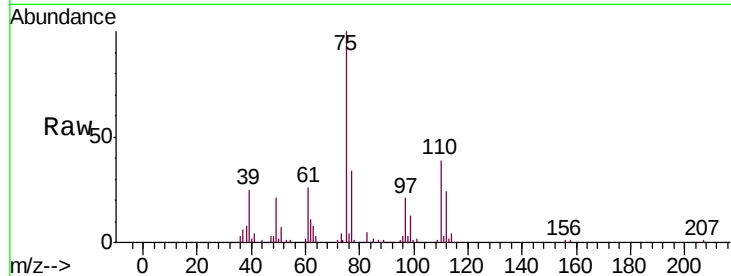




#81
trans-1,4-Dichloro-2-butene
Concen: 61.760 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. 0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

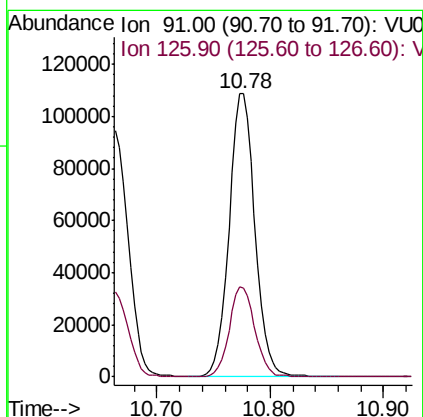
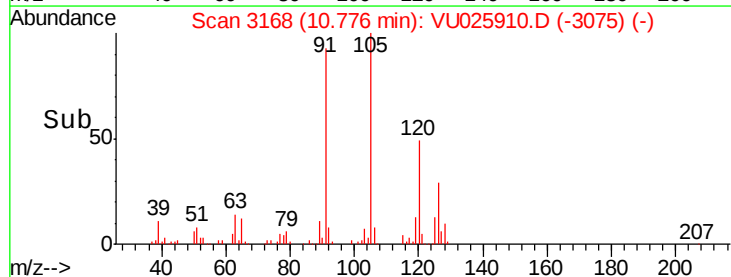
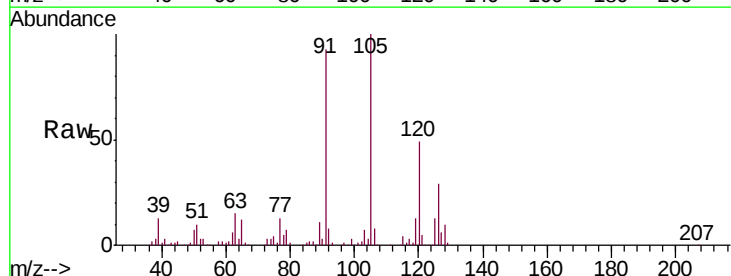
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBSD02

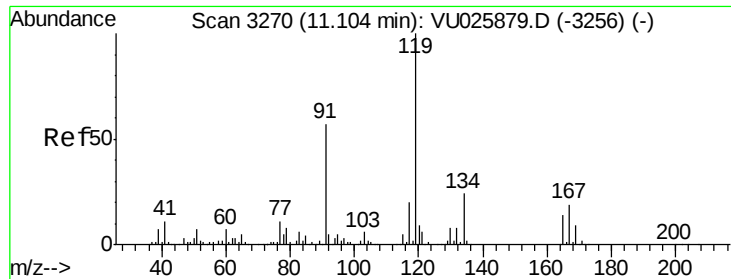
Tgt Ion: 75 Resp: 82939
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 20.531 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

Tgt Ion: 91 Resp: 172585
Ion Ratio Lower Upper
91 100
126 31.5 15.3 45.9

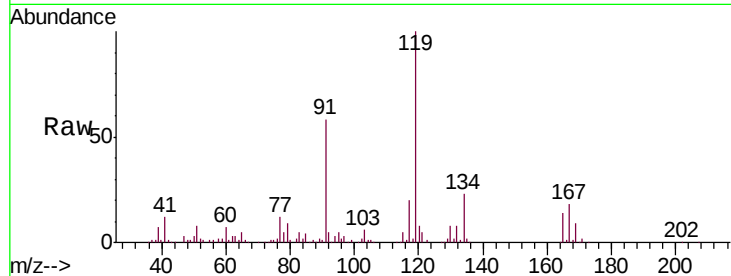




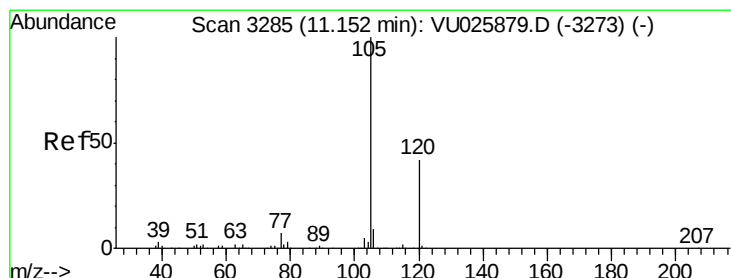
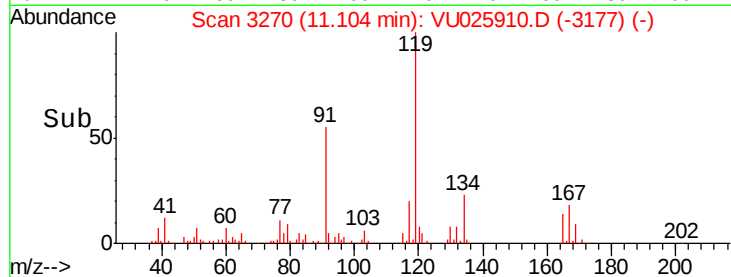
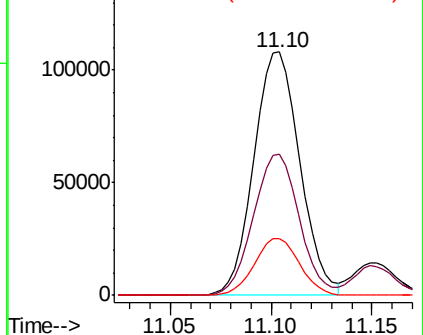
#83
 tert-Butylbenzene
 Concen: 19.624 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBSD02

Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.0	29.7	89.1
134	22.8	11.5	34.5

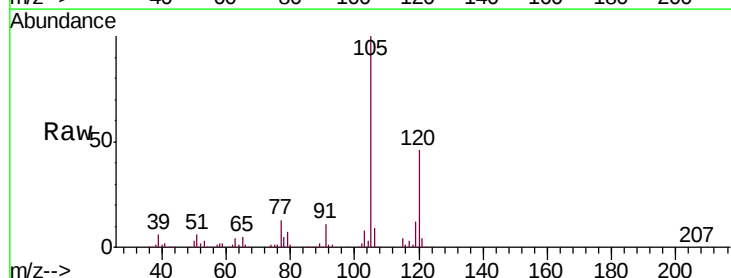


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

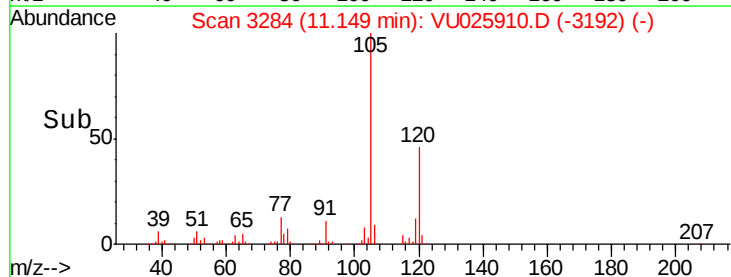
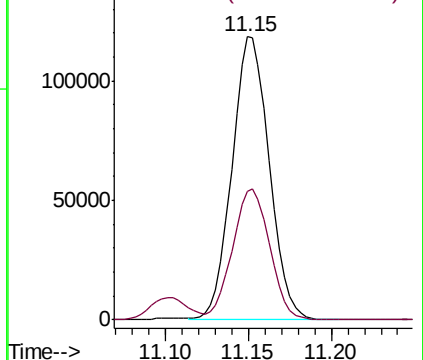


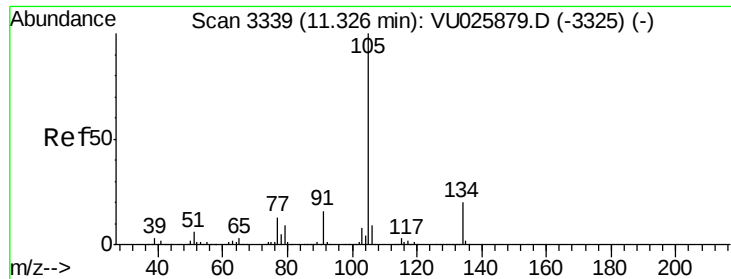
#84
 1,2,4-Trimethylbenzene
 Concen: 20.440 ug/l
 RT: 11.15 min Scan# 3284
 Delta R.T. -0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.3	66.8



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

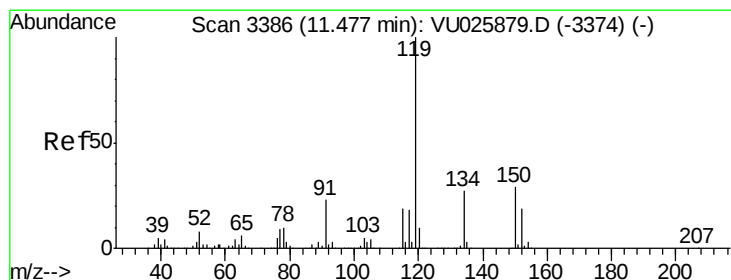
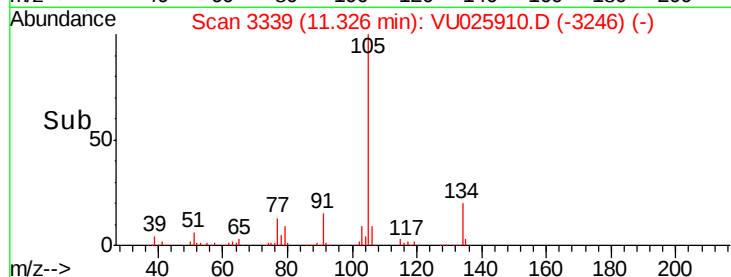
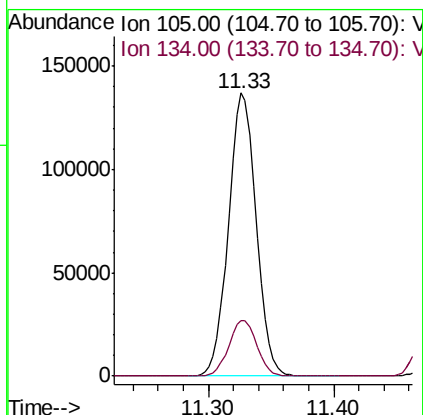
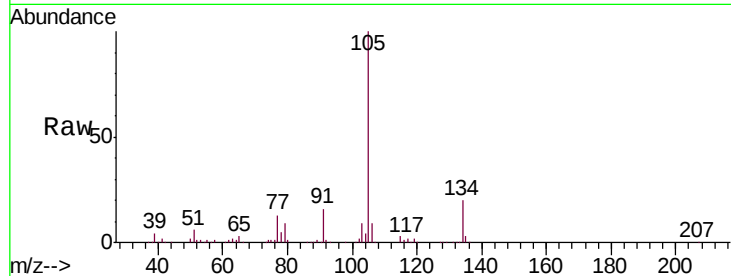




#85
 sec-Butylbenzene
 Concen: 19.493 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

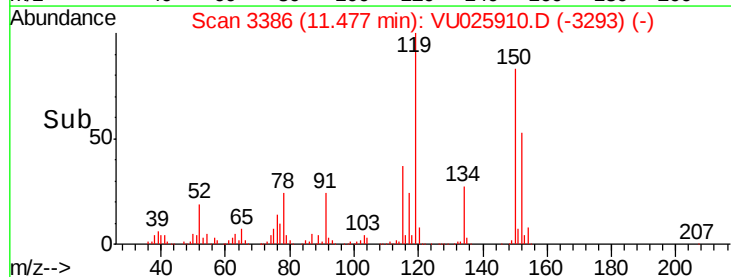
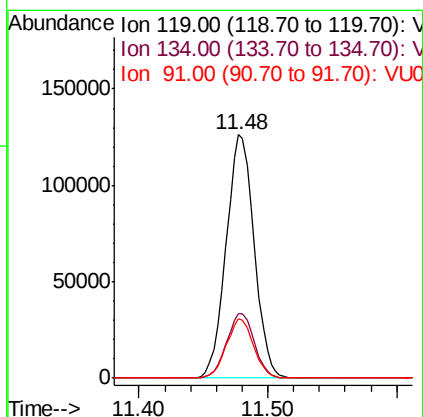
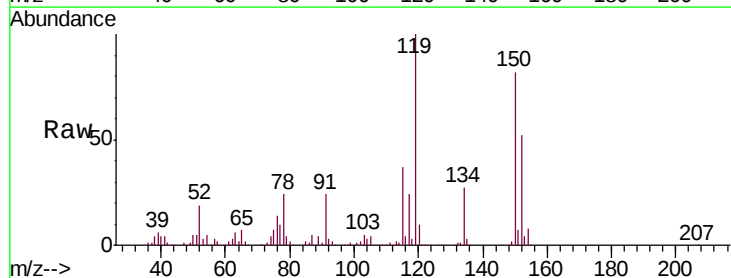
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBSD02

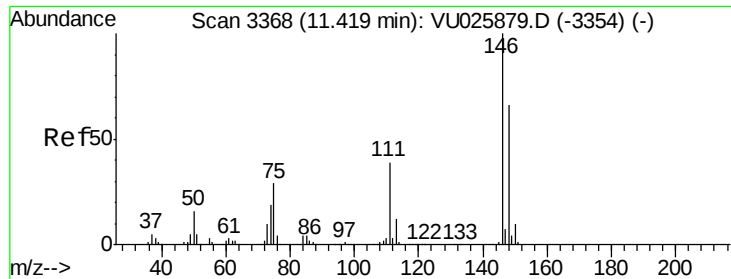
Tgt Ion:105 Resp: 209485
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 19.734 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Tgt Ion:119 Resp: 189891
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 23.8 12.0 36.1

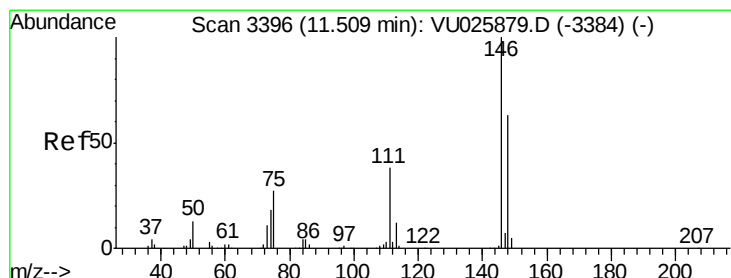
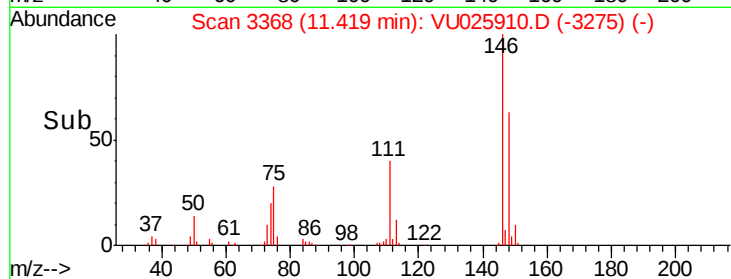
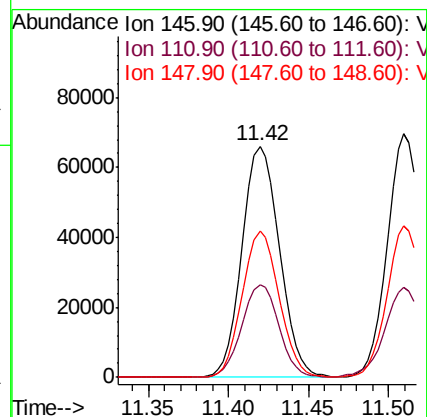
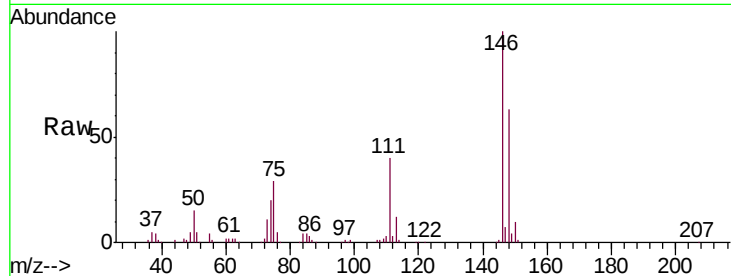




#87
 1,3-Dichlorobenzene
 Concen: 19.755 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

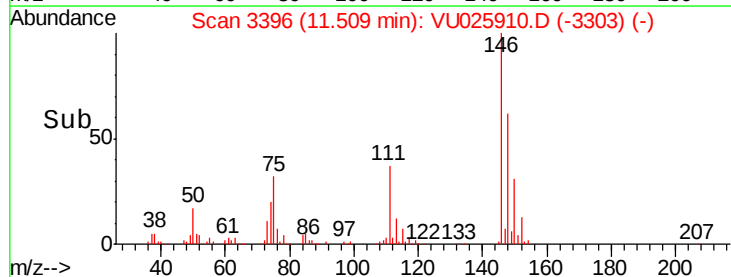
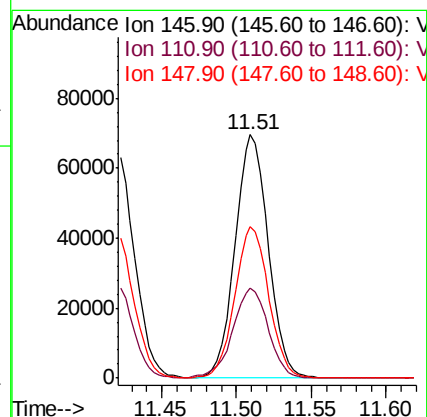
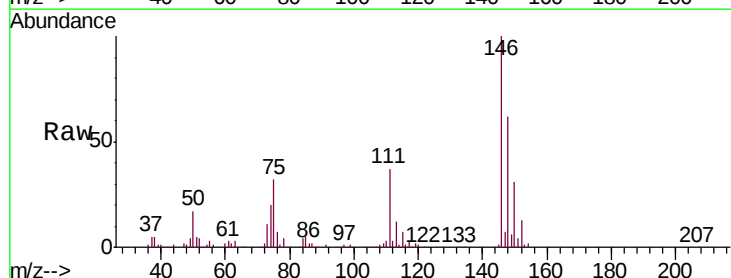
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBSD02

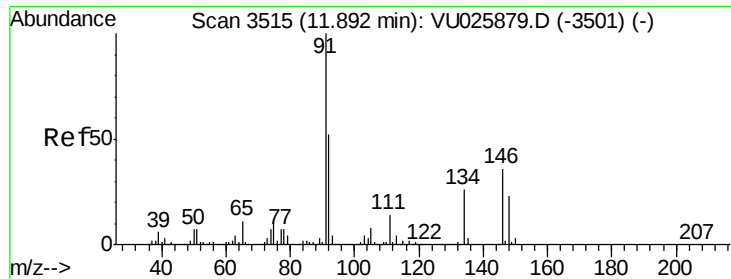
Tgt Ion:146 Resp: 105504
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.7 59.1
 148 62.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.195 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Tgt Ion:146 Resp: 106858
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.4 58.1
 148 64.2 31.7 95.1





#89

n-Butylbenzene

Concen: 18.587 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025910.D

Acq: 07 Aug 2018 01:30

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBSD02

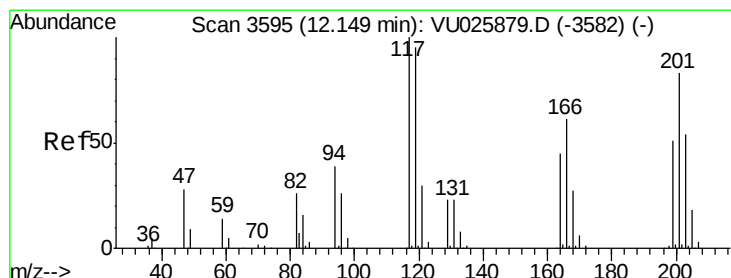
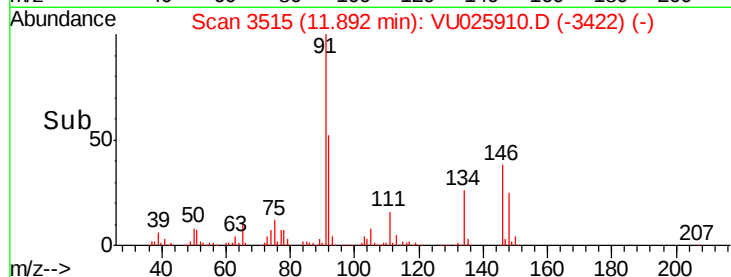
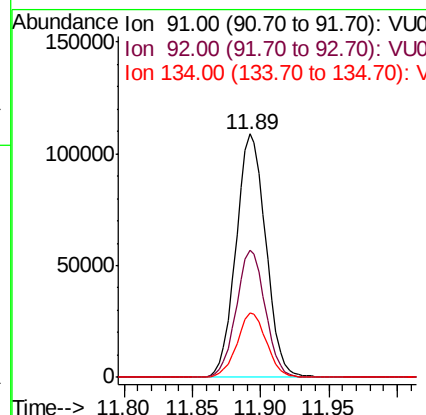
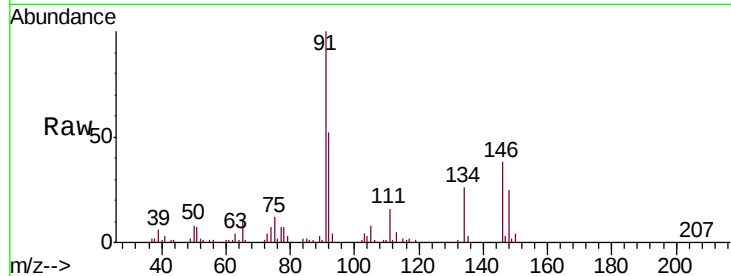
Tgt Ion: 91 Resp: 165050

Ion Ratio Lower Upper

91 100

92 50.9 26.5 79.5

134 26.0 13.6 40.7



#90

Hexachloroethane

Concen: 19.140 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025910.D

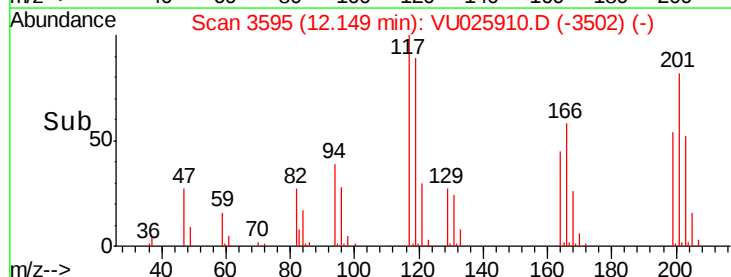
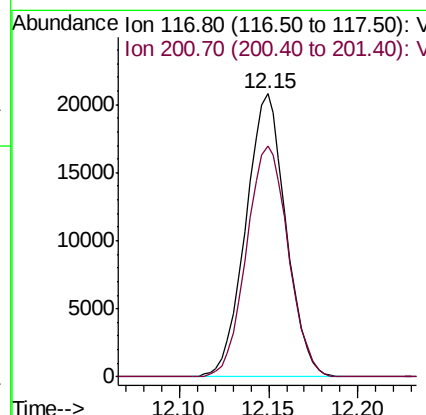
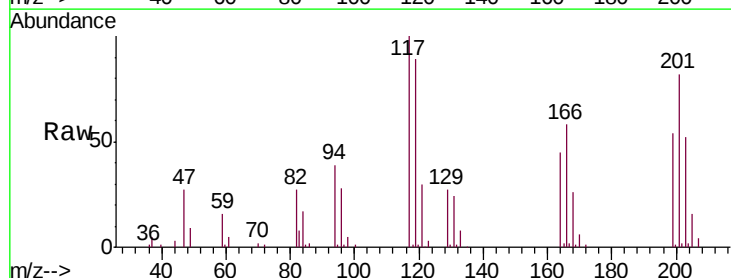
Acq: 07 Aug 2018 01:30

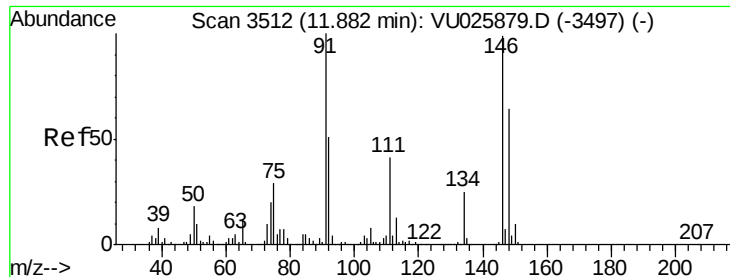
Tgt Ion: 117 Resp: 32746

Ion Ratio Lower Upper

117 100

201 84.7 42.5 127.6

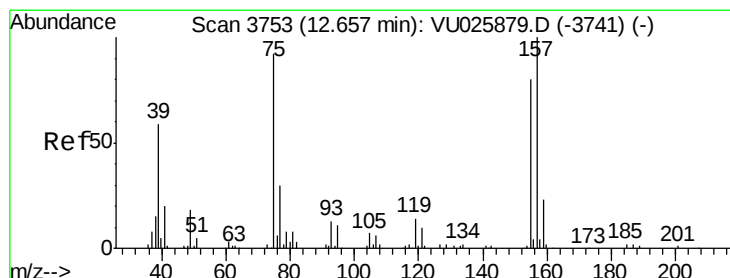
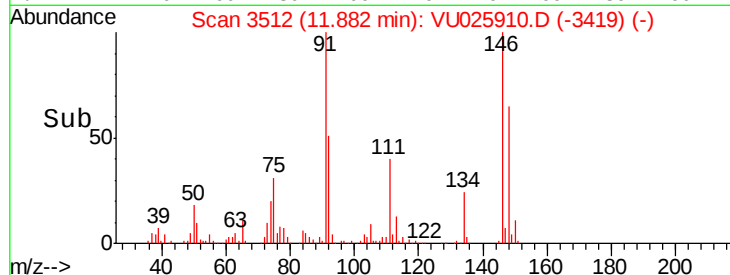
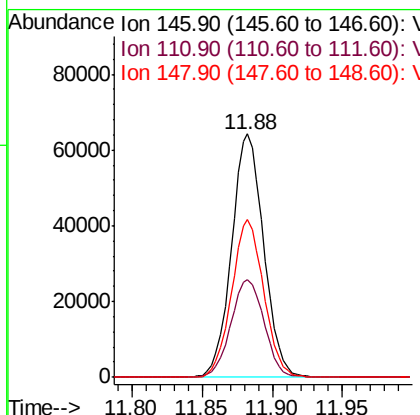
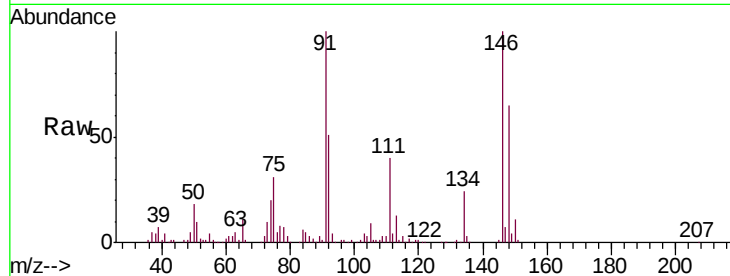




#91
 1,2-Dichlorobenzene
 Concen: 19.579 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

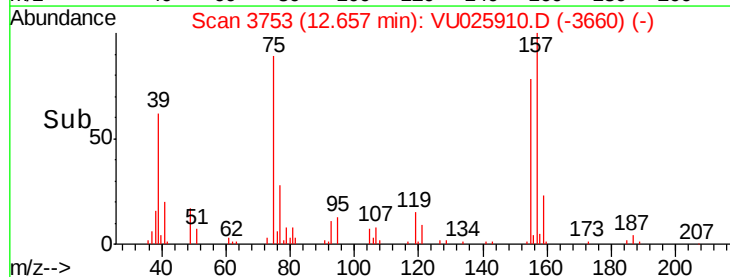
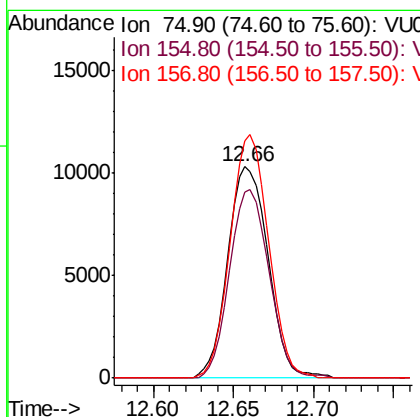
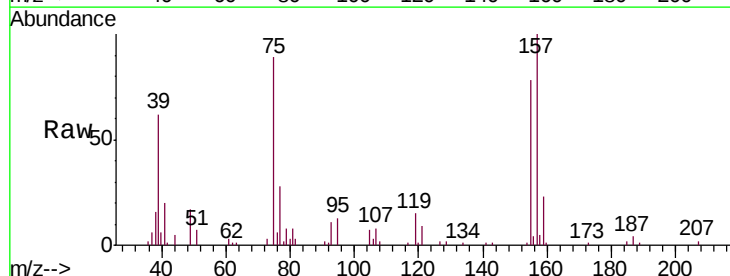
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBSD02

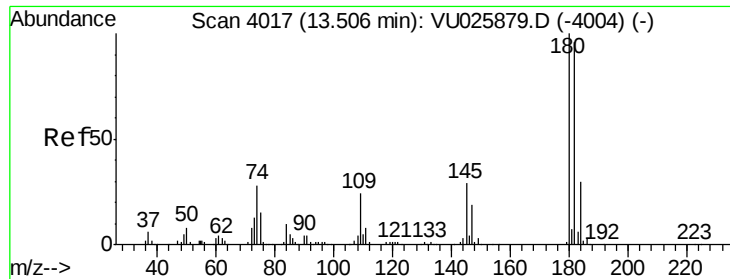
Tgt Ion: 146 Resp: 102492
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.6 61.8
 148 64.7 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.797 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Tgt Ion: 75 Resp: 17785
 Ion Ratio Lower Upper
 75 100
 155 86.8 44.5 133.3
 157 108.7 57.0 170.8

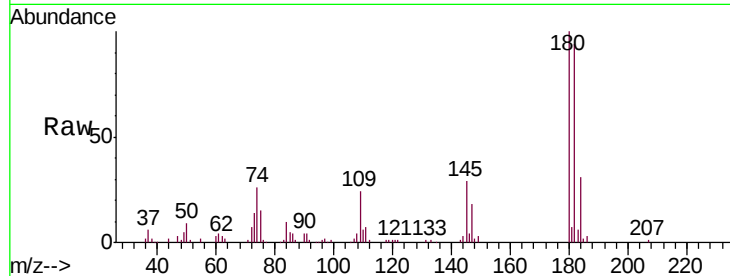




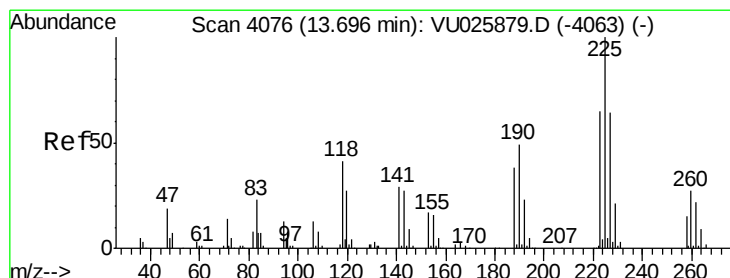
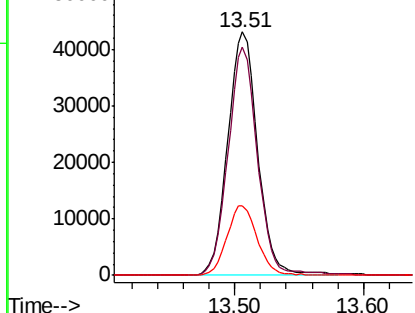
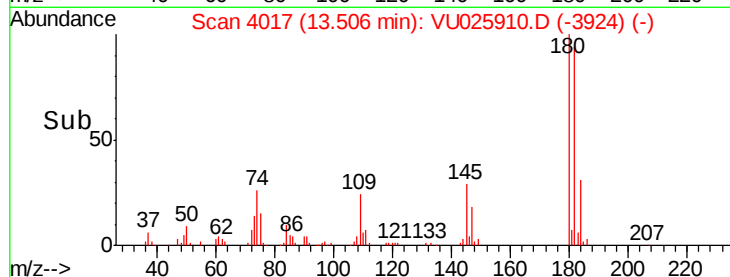
#93
 1,2,4-Trichlorobenzene
 Concen: 19.647 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBSD02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.3	141.9
145	28.9	14.9	44.7

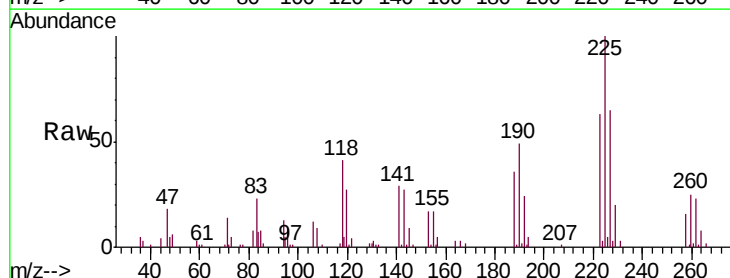


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

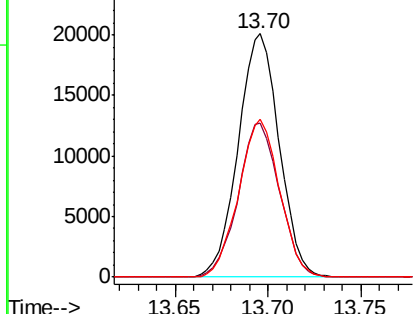
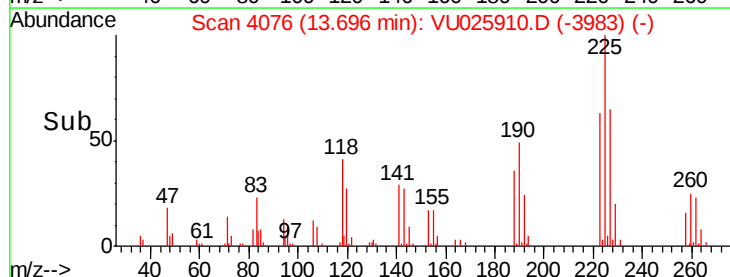


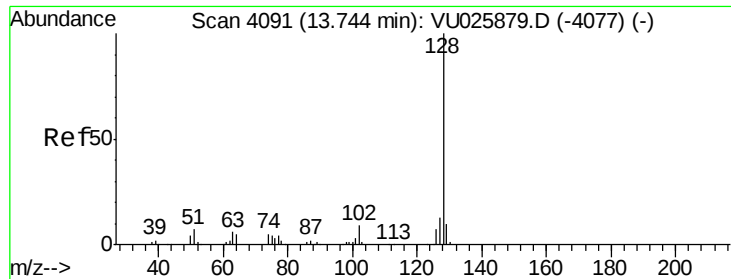
#94
 Hexachlorobutadiene
 Concen: 16.557 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025910.D
 Acq: 07 Aug 2018 01:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.9	95.7
227	64.5	32.3	96.9



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

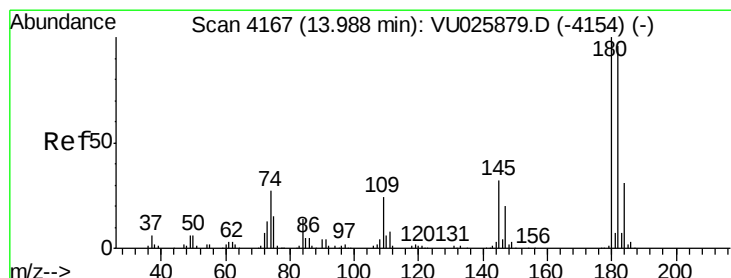
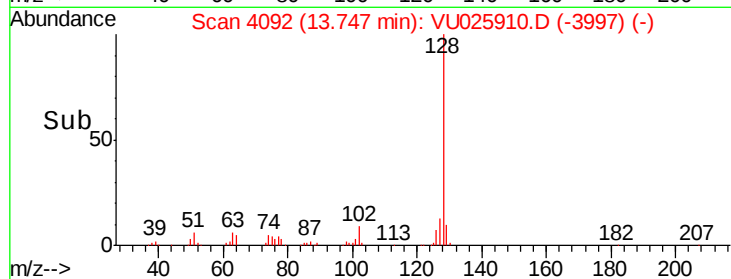
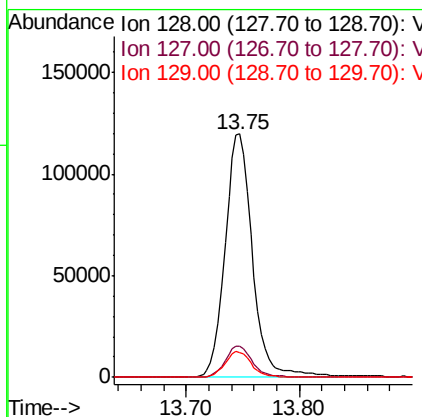
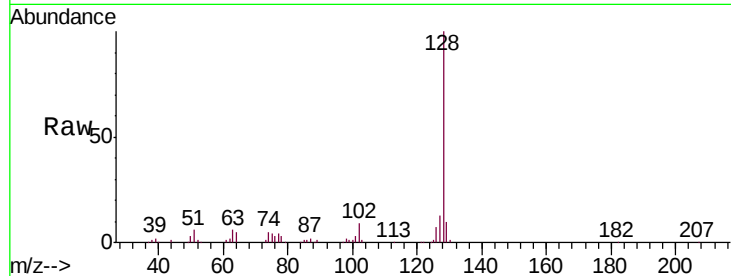




#95
Naphthalene
Concen: 18.592 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

Instrument :
MSVOA_U
ClientSampleId :
VU0806WBSD02

Tgt Ion:128 Resp: 201843
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.3 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 19.438 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025910.D
Acq: 07 Aug 2018 01:30

Tgt Ion:180 Resp: 68508
Ion Ratio Lower Upper
180 100
182 95.8 47.8 143.3
145 30.8 15.6 46.8

