

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091218\
 Data File : VU026682.D
 Acq On : 11 Sep 2018 13:13
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091218

Quant Time: Sep 12 05:38:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 05:32:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	116202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	174656	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	166586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	102193	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	84143	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
35) Dibromofluoromethane	4.88	113	68960	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
50) Toluene-d8	7.57	98	259985	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	10.31	95	96113	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61255	48.791	ug/l	99
3) Chloromethane	1.33	50	83088	47.370	ug/l	100
4) Vinyl Chloride	1.40	62	87750	48.275	ug/l	99
5) Bromomethane	1.61	94	50434	44.299	ug/l	99
6) Chloroethane	1.69	64	54251	46.897	ug/l	97
7) Trichlorofluoromethane	1.88	101	115617	48.656	ug/l	99
8) Diethyl Ether	2.10	74	50232	48.241	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.28	101	69338	49.135	ug/l	99
10) Methyl Iodide	2.41	142	62834	48.904	ug/l	99
11) Tert butyl alcohol	2.83	59	97628	227.222	ug/l	99
12) 1,1-Dichloroethene	2.28	96	64741	48.529	ug/l	98
13) Acrolein	2.19	56	61862	213.651	ug/l	99
14) Allyl chloride	2.59	41	112773	46.935	ug/l	100
15) Acrylonitrile	2.93	53	223119	242.142	ug/l	99
16) Acetone	2.32	43	233736	234.205	ug/l	99
17) Carbon Disulfide	2.48	76	203625	47.972	ug/l	100
18) Methyl Acetate	2.61	43	102828	47.753	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	229619	49.989	ug/l	99
20) Methylene Chloride	2.70	84	75171	46.437	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	69119	49.181	ug/l	99
22) Diisopropyl ether	3.57	45	250830	50.019	ug/l	98
23) Vinyl Acetate	3.52	43	1078340	253.147	ug/l	99
24) 1,1-Dichloroethane	3.44	63	137104	48.467	ug/l	100
25) 2-Butanone	4.26	43	324435	241.334	ug/l	99
26) 2,2-Dichloropropane	4.23	77	117312	50.452	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	80739	49.847	ug/l	100
28) Bromochloromethane	4.55	49	66135	48.891	ug/l	99
29) Tetrahydrofuran	4.64	42	191398	236.148	ug/l	99
30) Chloroform	4.67	83	134629	48.397	ug/l	97
31) Cyclohexane	5.00	56	127339	49.284	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	114653	49.780	ug/l	99
36) 1,1-Dichloropropene	5.14	75	102120	52.077	ug/l	100
37) Ethyl Acetate	4.38	43	114313	48.477	ug/l	99
38) Carbon Tetrachloride	5.13	117	103106	49.767	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	124858	53.627	ug/l	99
40) Benzene	5.39	78	304996	50.083	ug/l	99
41) Methacrylonitrile	4.54	41	62412	47.013	ug/l	98
42) 1,2-Dichloroethane	5.40	62	107531	49.518	ug/l	100
43) Isopropyl Acetate	5.55	43	182317	50.777	ug/l	100
44) Trichloroethene	6.19	130	77008	51.093	ug/l	100
45) 1,2-Dichloropropane	6.43	63	84677	51.149	ug/l	99
46) Dibromomethane	6.56	93	53597	50.170	ug/l	97
47) Bromodichloromethane	6.76	83	105818	50.302	ug/l	100
48) Methyl methacrylate	6.62	41	92738	47.306	ug/l	99
49) 1,4-Dioxane	6.61	88	43910	976.733	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	594512	247.540	ug/l	100
52) Toluene	7.64	92	187136	51.588	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	123093	52.753	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	130919	52.251	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	76721	49.363	ug/l	98
56) Ethyl methacrylate	8.02	69	122837	47.092	ug/l	98
57) 1,3-Dichloropropane	8.24	76	134351	50.717	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	285478	229.723	ug/l	100
59) 2-Hexanone	8.36	43	474701	251.148	ug/l	99
60) Dibromochloromethane	8.48	129	85818	50.984	ug/l	99
61) 1,2-Dibromoethane	8.59	107	84411	50.055	ug/l	99
64) Tetrachloroethene	8.23	164	68362	51.560	ug/l	99
65) Chlorobenzene	9.12	112	211406	51.080	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	77359	50.801	ug/l	99
67) Ethyl Benzene	9.25	91	365707	53.641	ug/l	100
68) m/p-Xylenes	9.38	106	283480	109.305	ug/l	100
69) o-Xylene	9.78	106	136769	49.375	ug/l	100
70) Styrene	9.79	104	229442	49.185	ug/l	99
71) Bromoform	9.96	173	68770	51.925	ug/l #	100
73) Isopropylbenzene	10.17	105	370959	53.269	ug/l	100
74) N-amyl acetate	10.02	43	173544	52.786	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	132773	46.783	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	152412	66.579	ug/l	82
77) Bromobenzene	10.45	156	95279	50.341	ug/l	99
78) n-propylbenzene	10.59	91	446149	55.084	ug/l	100
79) 2-Chlorotoluene	10.66	91	257847	51.355	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	313606	53.576	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	152412	144.761	ug/l #	100
82) 4-Chlorotoluene	10.77	91	305120	54.088	ug/l	100
83) tert-Butylbenzene	11.10	119	315376	53.091	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	321896	54.523	ug/l	100
85) sec-Butylbenzene	11.33	105	386024	54.721	ug/l	100
86) p-Isopropyltoluene	11.48	119	343964	50.704	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	177385	50.238	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	178908	48.790	ug/l	100
89) n-Butylbenzene	11.89	91	316159	50.778	ug/l	99
90) Hexachloroethane	12.15	117	62563	50.259	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	177405	49.947	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	28597	50.258	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 05:32:45 2018
Response via : Initial Calibration

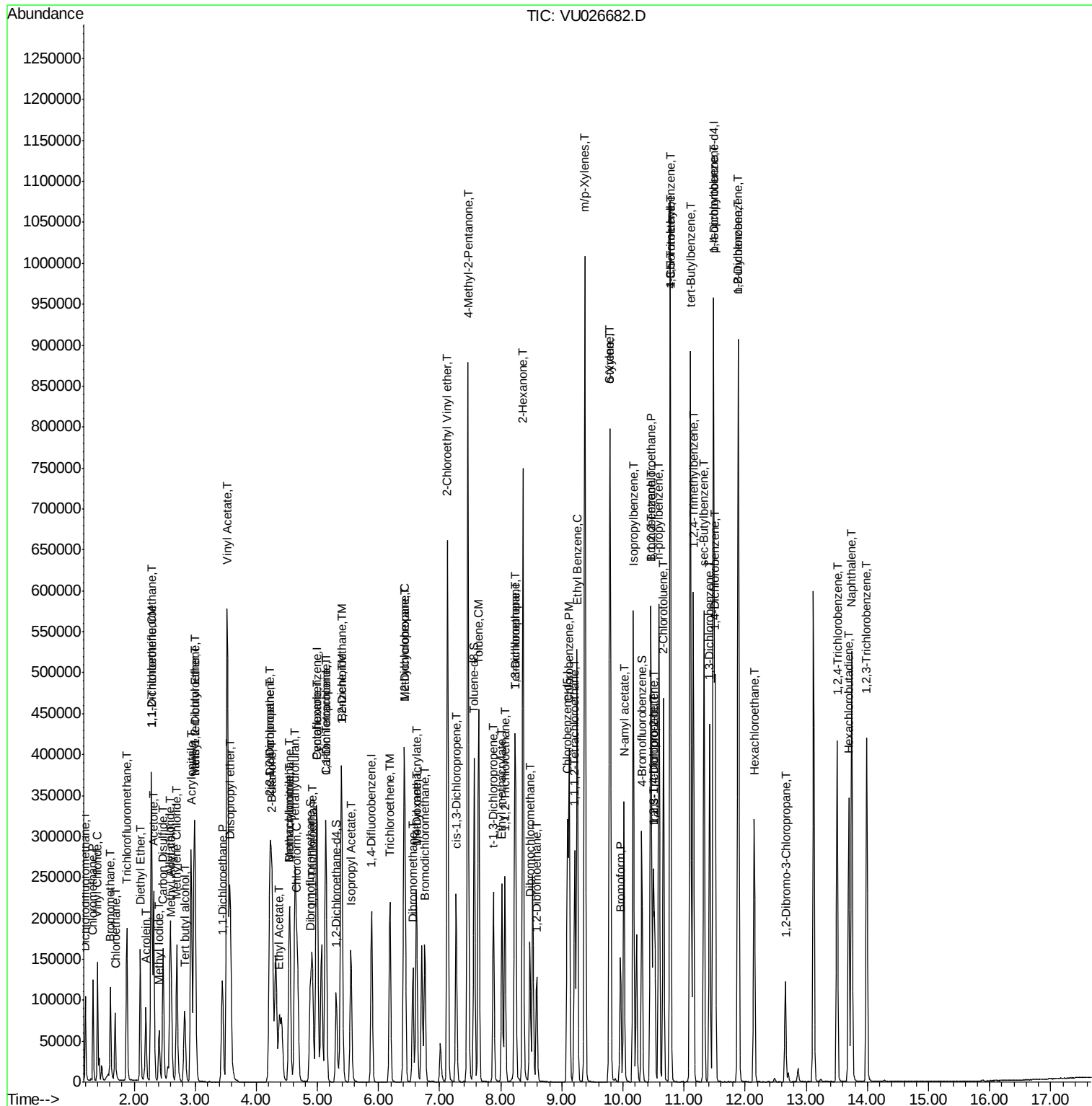
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	131198	55.623	ug/l	100
94) Hexachlorobutadiene	13.69	225	65461	53.948	ug/l	99
95) Naphthalene	13.74	128	406694	51.229	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	135077	54.835	ug/l	99

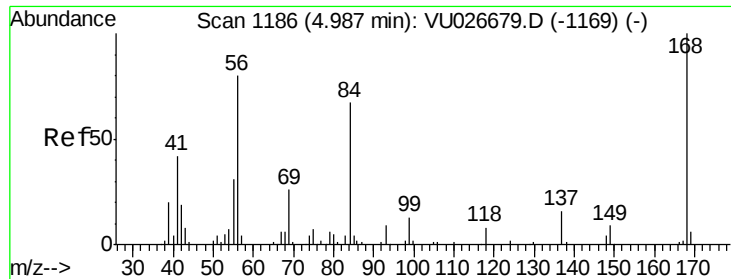
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : SW846 8260
QLast Update : Wed Sep 12 05:32:45 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

Instrument :

MSVOA_U

ClientSampleId :

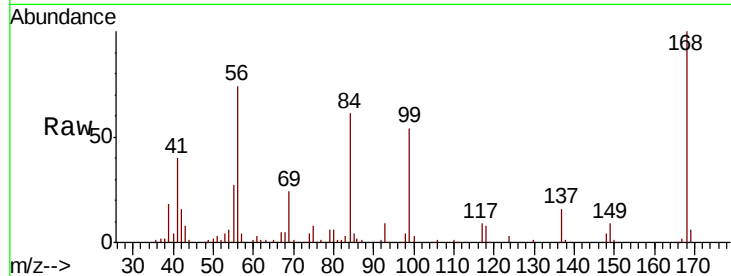
ICVVU091218

Tgt Ion:168 Resp: 116202

Ion Ratio Lower Upper

168 100

99 53.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU026679.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026679.D (-1169) (-)

4.98

60000

50000

40000

30000

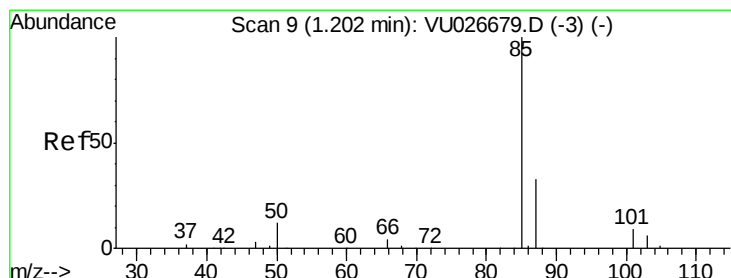
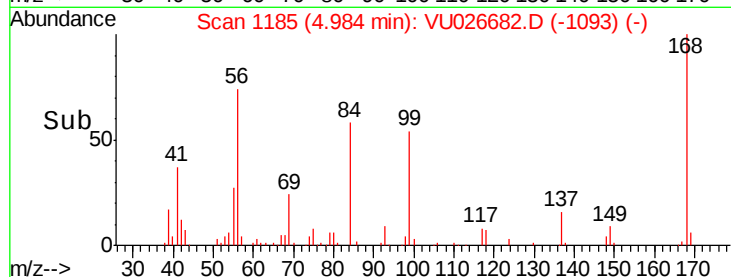
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 48.791 ug/l

RT: 1.20 min Scan# 9

Delta R.T. 0.00 min

Lab File: VU026682.D

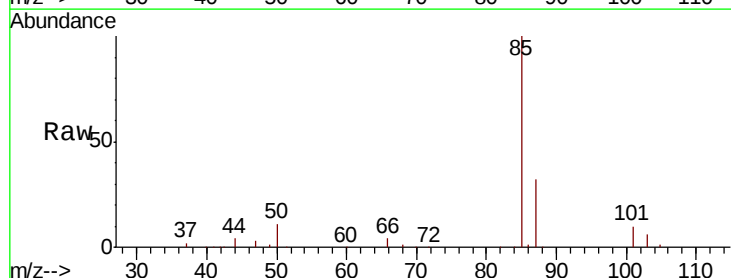
Acq: 11 Sep 2018 13:13

Tgt Ion: 85 Resp: 61255

Ion Ratio Lower Upper

85 100

87 32.5 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VU026679.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU026679.D (-3) (-)

1.20

60000

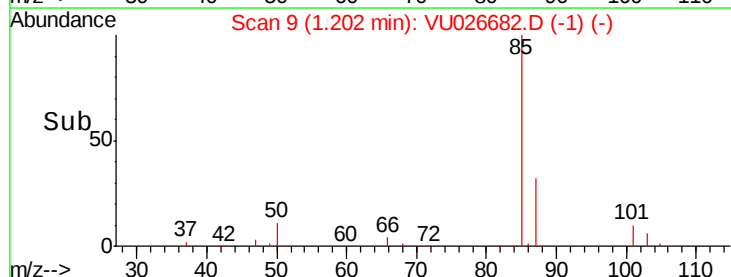
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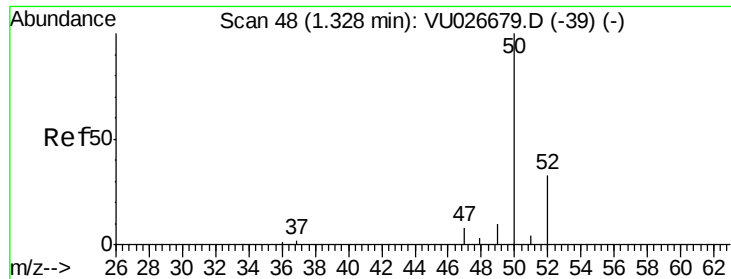
20000

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1.15 1.20 1.25

Time-->

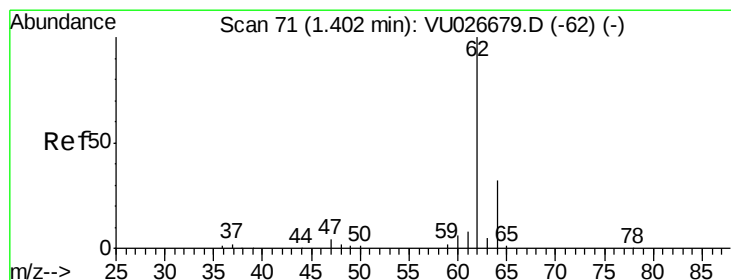
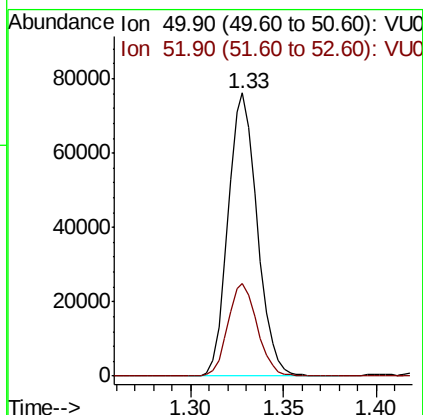
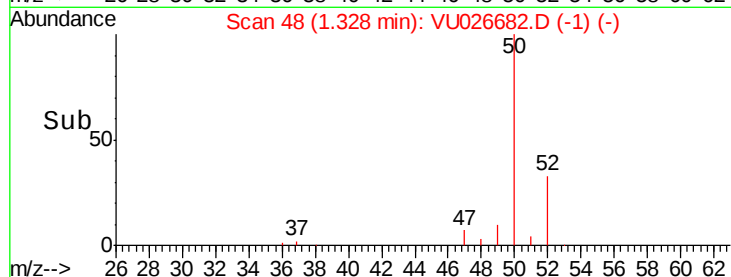
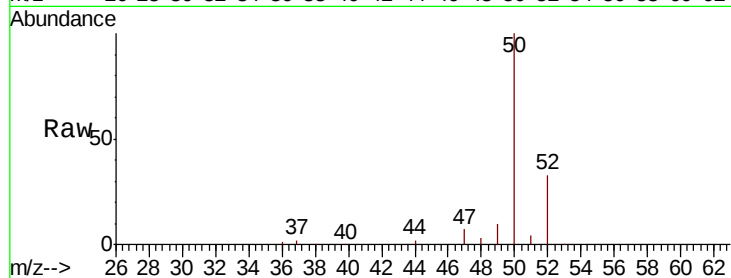




#3
Chloromethane
Concen: 47.370 ug/l
RT: 1.33 min Scan# 48
Delta R.T. 0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

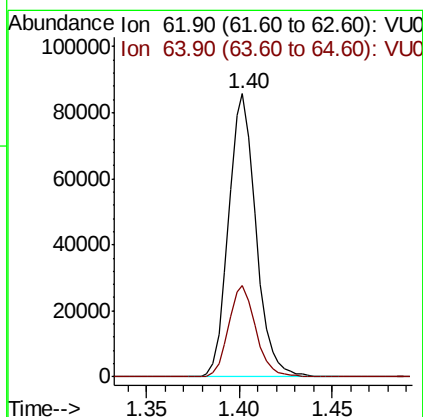
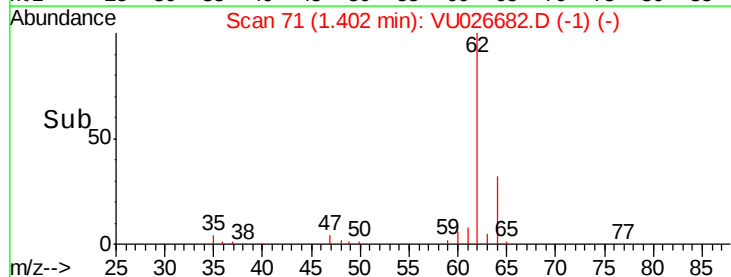
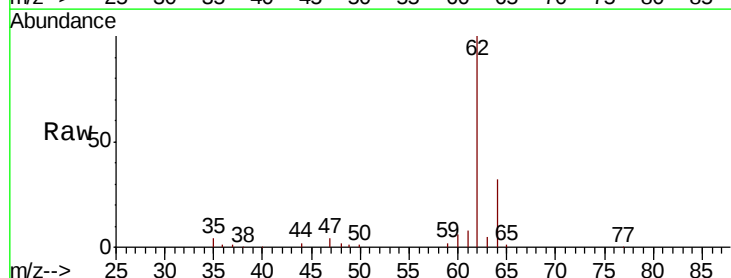
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091218

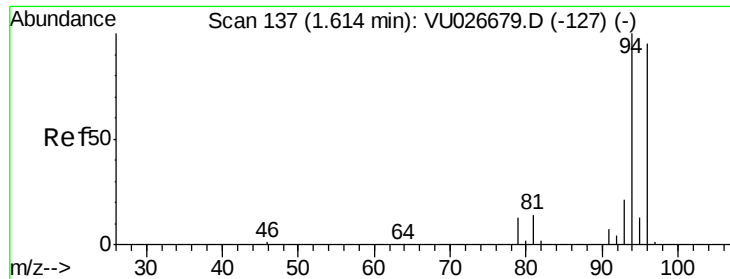
Tgt Ion: 50 Resp: 83088
Ion Ratio Lower Upper
50 100
52 32.9 26.3 39.5



#4
Vinyl Chloride
Concen: 48.275 ug/l
RT: 1.40 min Scan# 71
Delta R.T. 0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

Tgt Ion: 62 Resp: 87750
Ion Ratio Lower Upper
62 100
64 32.3 25.6 38.4





#5

Bromomethane

Concen: 44.299 ug/l

RT: 1.61 min Scan# 137

Delta R.T. 0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

Instrument :

MSVOA_U

ClientSampleId :

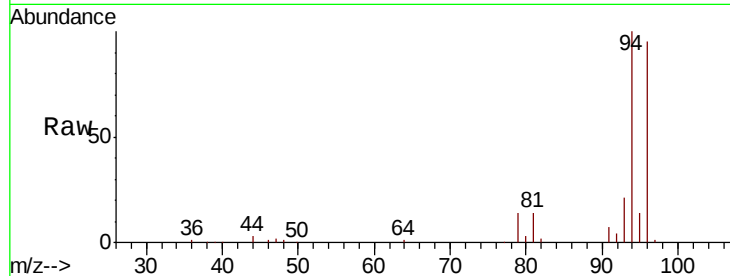
ICVVU091218

Tgt Ion: 94 Resp: 50434

Ion Ratio Lower Upper

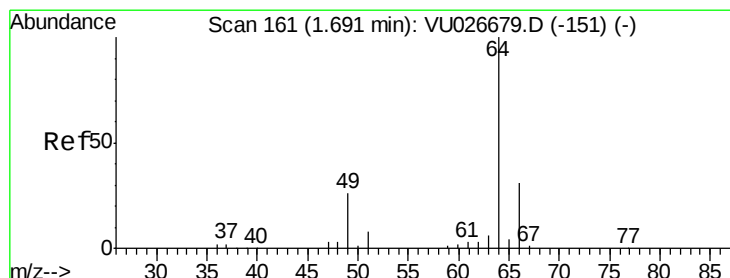
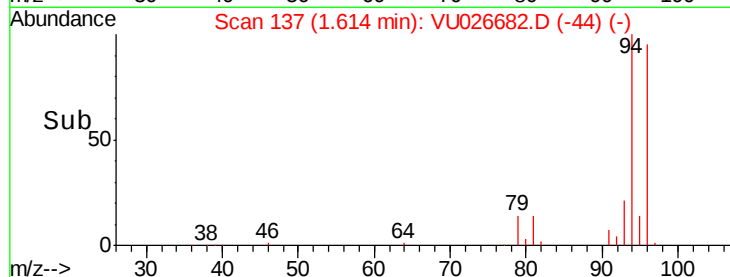
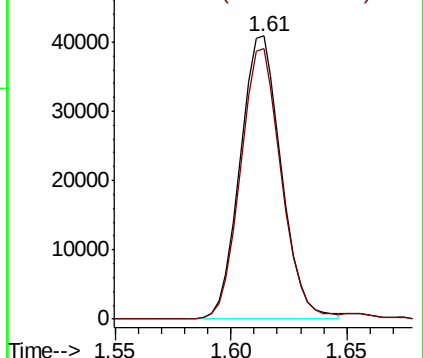
94 100

96 95.5 75.8 113.6



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 46.897 ug/l

RT: 1.69 min Scan# 161

Delta R.T. 0.00 min

Lab File: VU026682.D

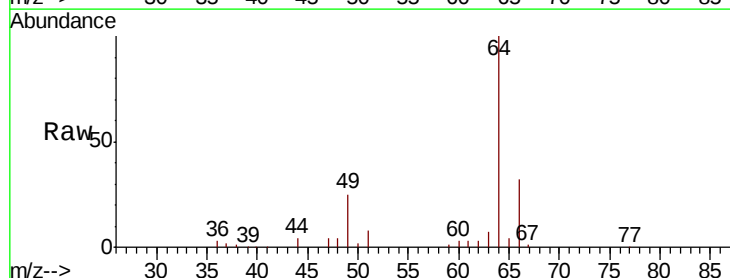
Acq: 11 Sep 2018 13:13

Tgt Ion: 64 Resp: 54251

Ion Ratio Lower Upper

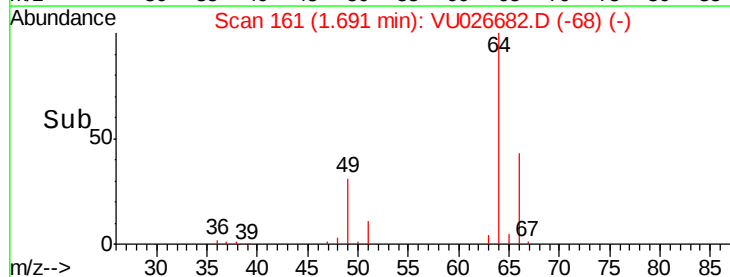
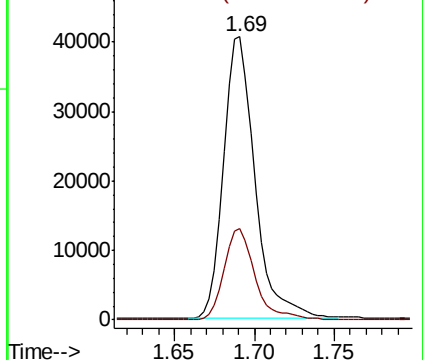
64 100

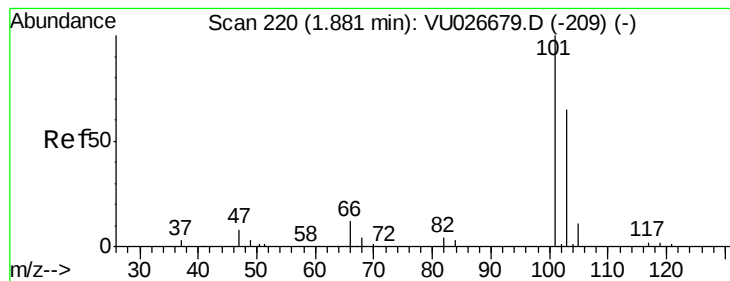
66 32.4 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



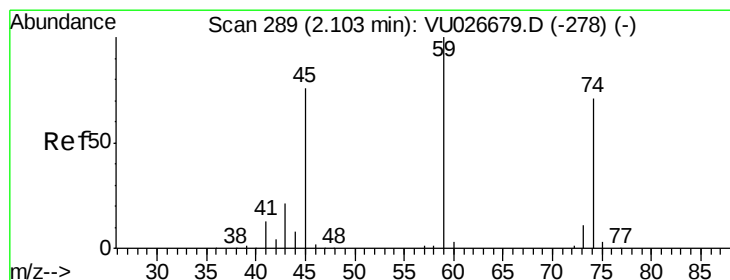
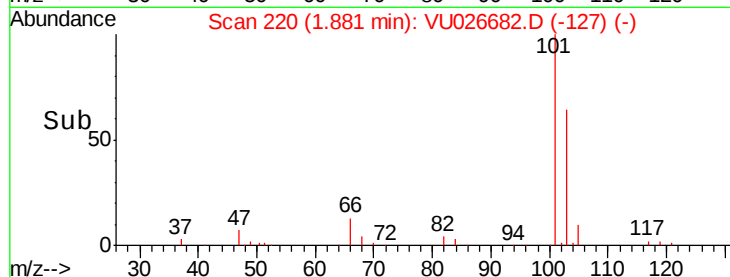
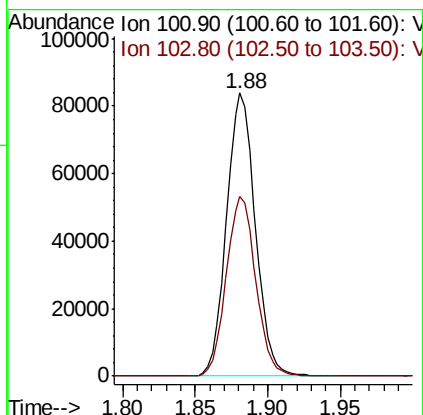
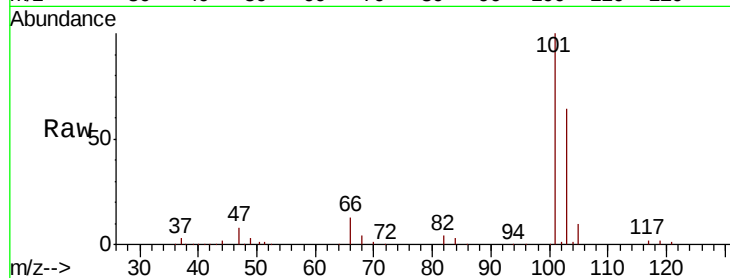


#7

Trichlorofluoromethane
 Concen: 48.656 ug/l
 RT: 1.88 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

Instrument :
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 ICVVU091218

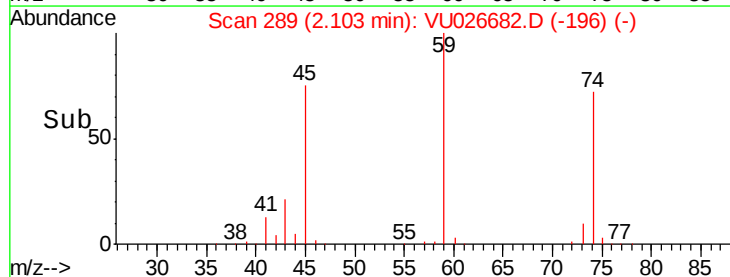
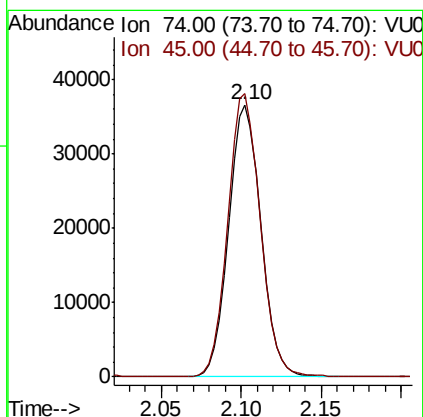
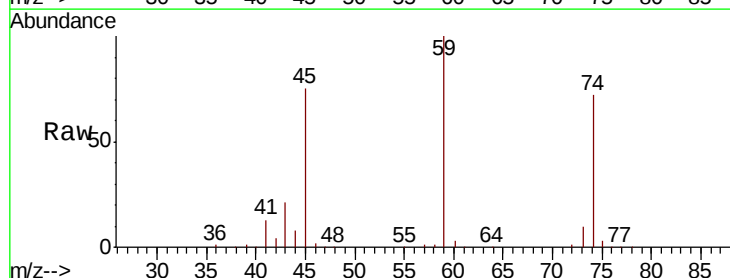
Tgt Ion: 101 Resp: 115617
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.7 77.5

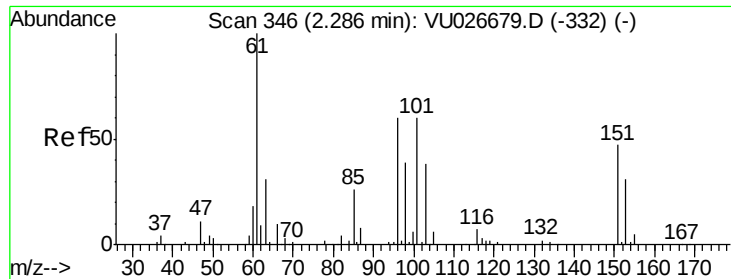


#8

Diethyl Ether
 Concen: 48.241 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

Tgt Ion: 74 Resp: 50232
 Ion Ratio Lower Upper
 74 100
 45 105.0 53.6 160.8

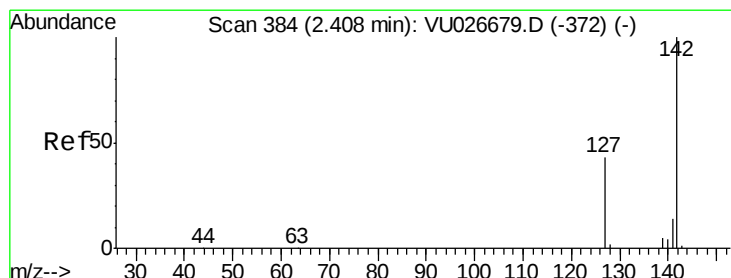
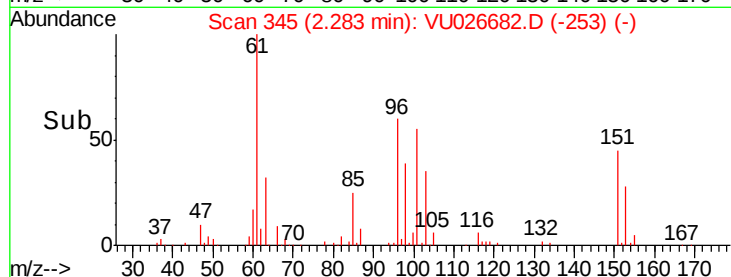
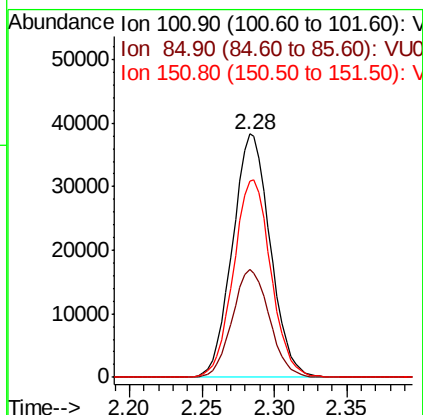
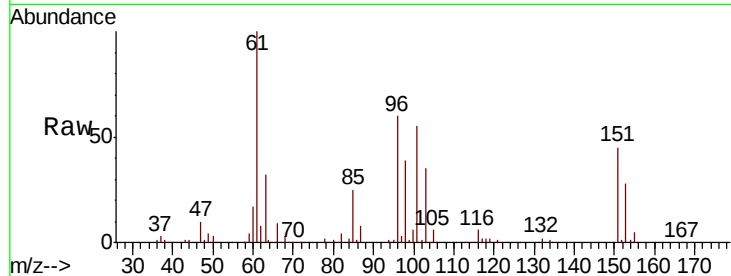




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.135 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

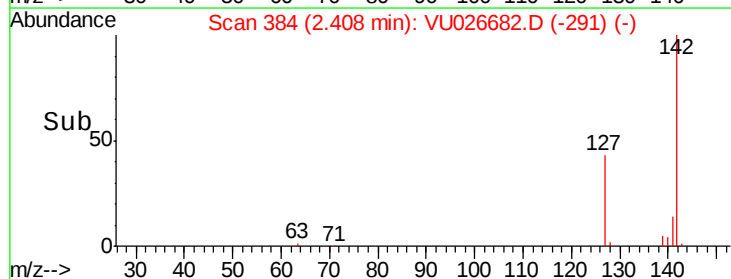
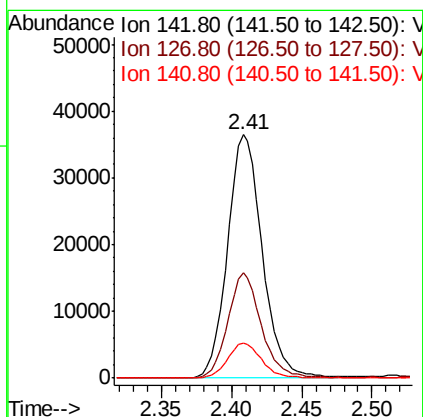
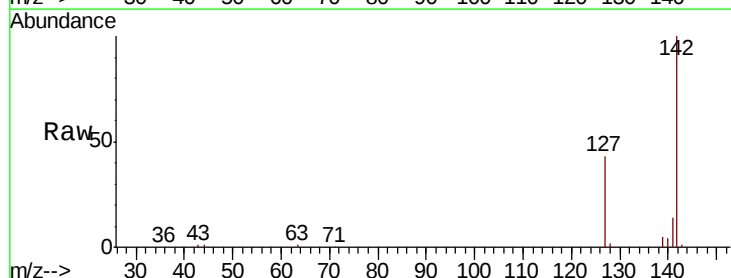
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091218

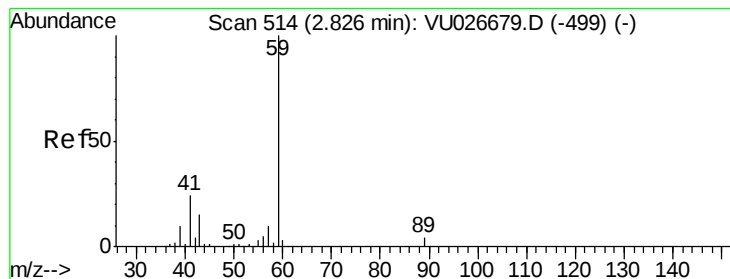
Tgt Ion:101 Resp: 69338
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.6 52.0
 151 80.2 62.7 94.1



#10
 Methyl Iodide
 Concen: 48.904 ug/l
 RT: 2.41 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

Tgt Ion:142 Resp: 62834
 Ion Ratio Lower Upper
 142 100
 127 41.4 34.1 51.1
 141 14.0 11.2 16.8



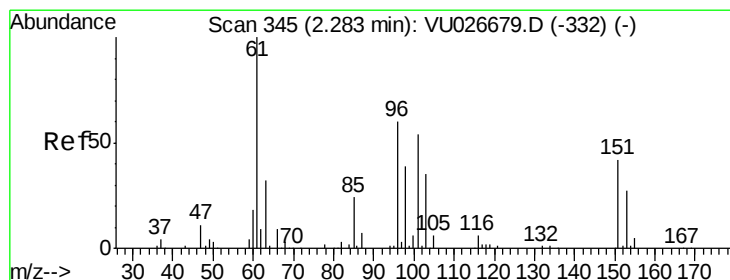
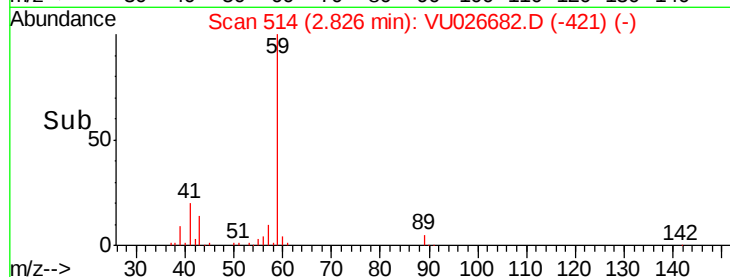
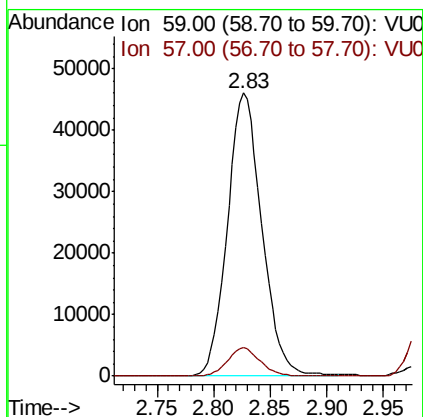
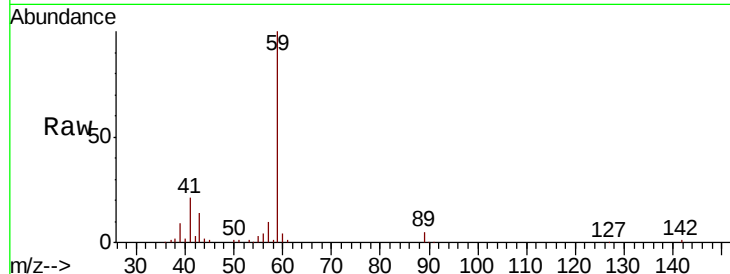


#11

Tert butyl alcohol
 Concen: 227.222 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091218

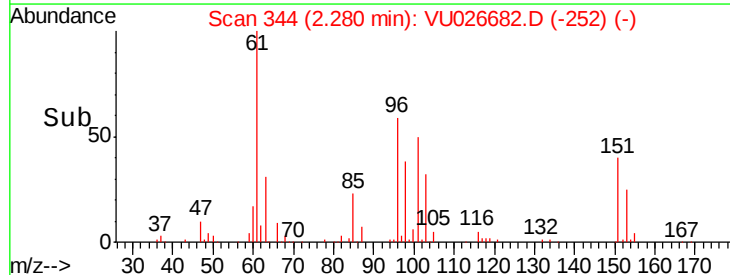
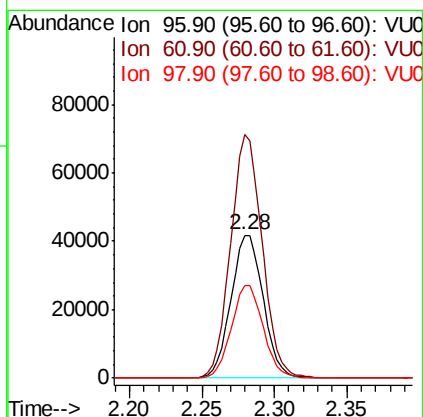
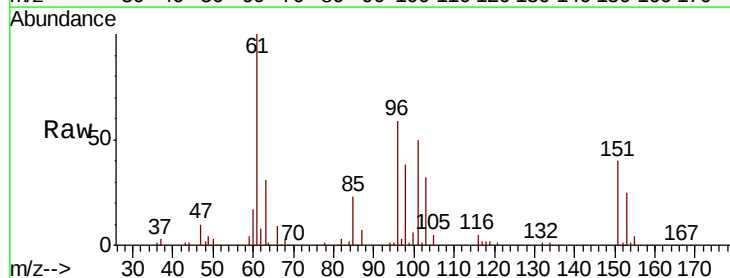
Tgt Ion: 59 Resp: 97628
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.0 12.0

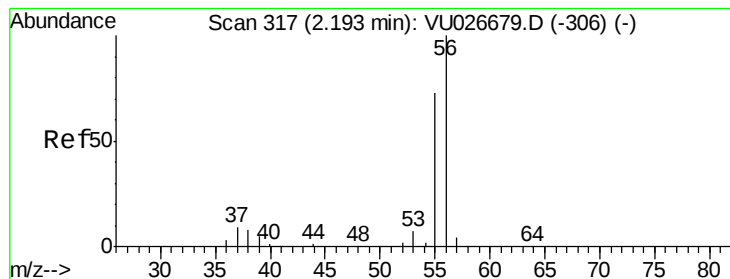


#12

1,1-Dichloroethene
 Concen: 48.529 ug/l
 RT: 2.28 min Scan# 344
 Delta R.T. -0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

Tgt Ion: 96 Resp: 64741
 Ion Ratio Lower Upper
 96 100
 61 170.2 133.0 199.6
 98 65.2 51.3 76.9





#13

Acrolein

Concen: 213.651 ug/l

RT: 2.19 min Scan# 317

Delta R.T. 0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

Instrument :

MSVOA_U

ClientSampleId :

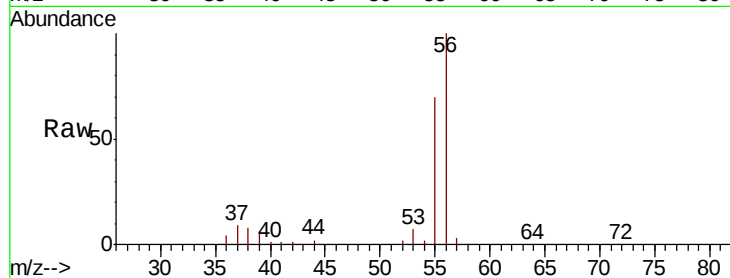
ICVVU091218

Tgt Ion: 56 Resp: 61862

Ion Ratio Lower Upper

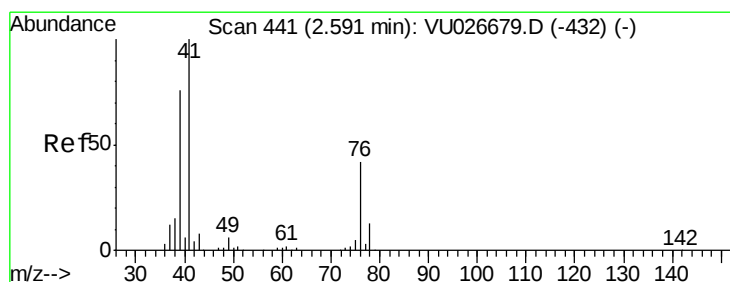
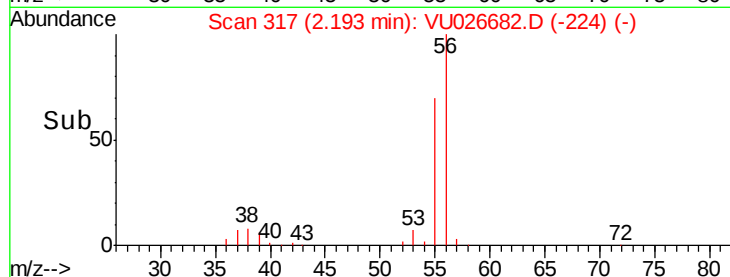
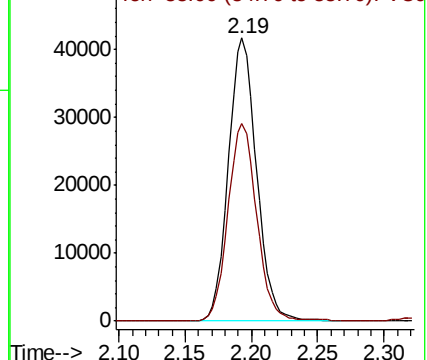
56 100

55 71.1 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 46.935 ug/l

RT: 2.59 min Scan# 441

Delta R.T. 0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

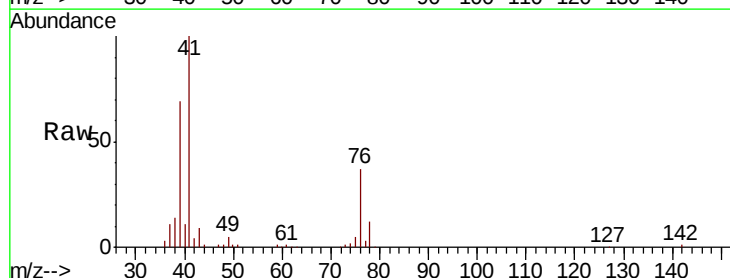
Tgt Ion: 41 Resp: 112773

Ion Ratio Lower Upper

41 100

39 71.0 56.9 85.3

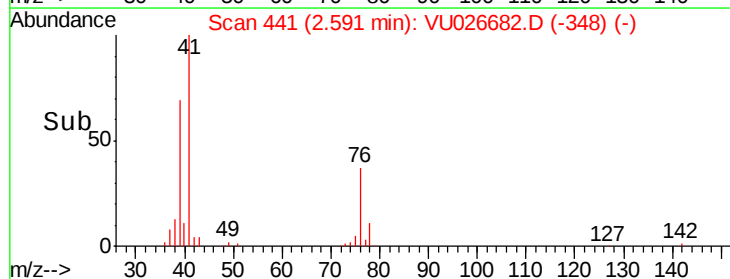
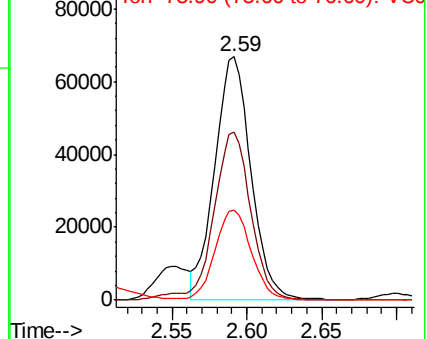
76 37.2 29.7 44.5

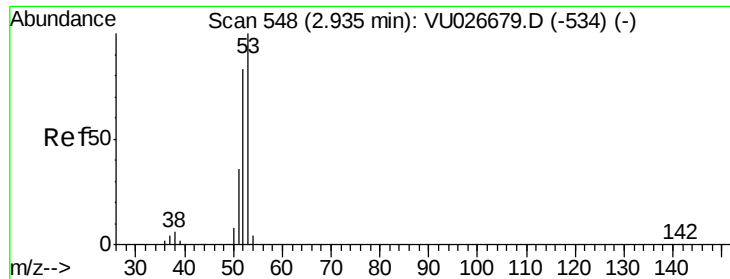


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 242.142 ug/l

RT: 2.93 min Scan# 547

Delta R.T. -0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091218

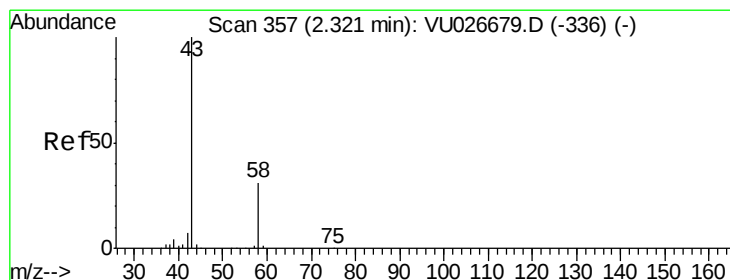
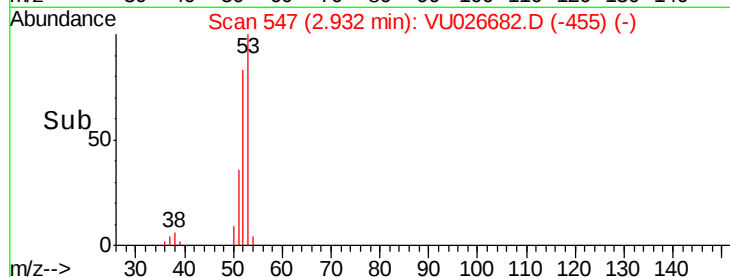
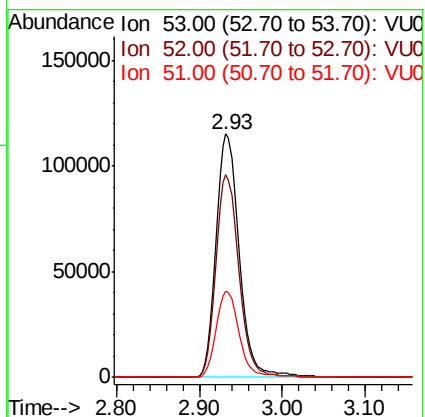
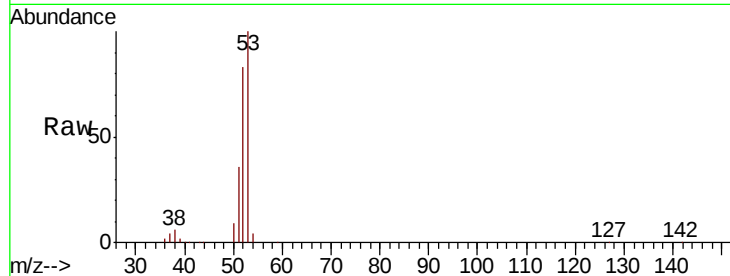
Tgt Ion: 53 Resp: 223119

Ion Ratio Lower Upper

53 100

52 82.6 65.8 98.8

51 35.7 27.7 41.5



#16

Acetone

Concen: 234.205 ug/l

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU026682.D

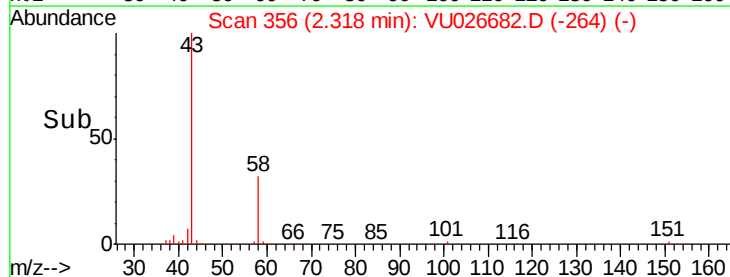
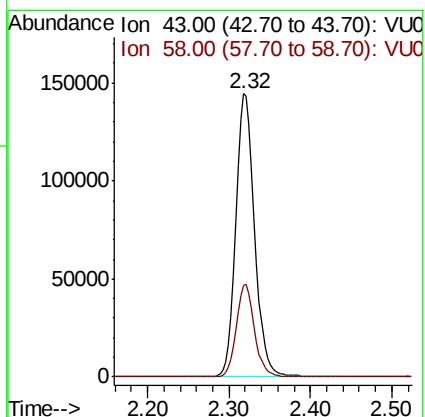
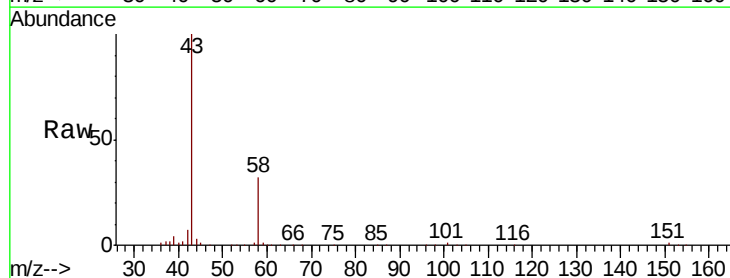
Acq: 11 Sep 2018 13:13

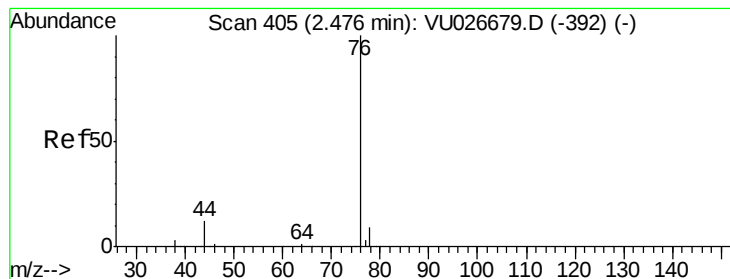
Tgt Ion: 43 Resp: 233736

Ion Ratio Lower Upper

43 100

58 32.2 25.1 37.7





#17

Carbon Disulfide

Concen: 47.972 ug/l

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

Instrument :

MSVOA_U

ClientSampleId :

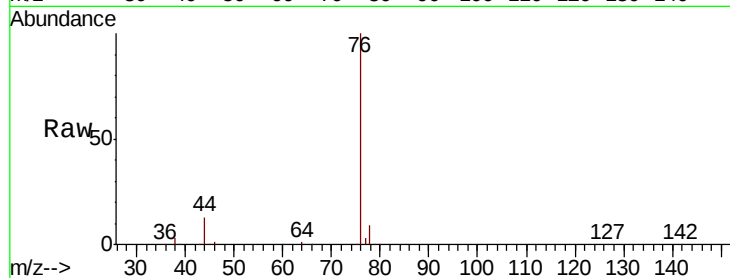
ICVVU091218

Tgt Ion: 76 Resp: 203625

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

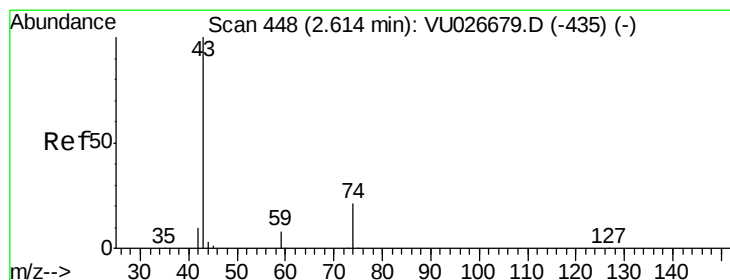
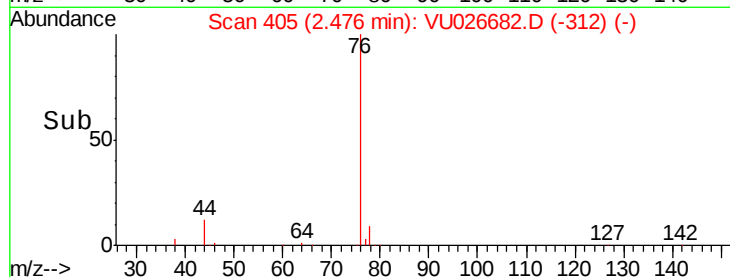
2.48

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.753 ug/l

RT: 2.61 min Scan# 448

Delta R.T. 0.00 min

Lab File: VU026682.D

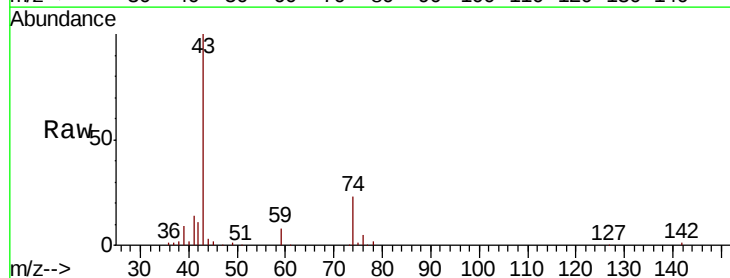
Acq: 11 Sep 2018 13:13

Tgt Ion: 43 Resp: 102828

Ion Ratio Lower Upper

43 100

74 22.7 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.61

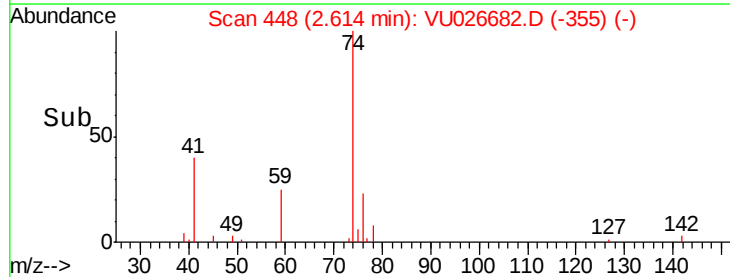
60000

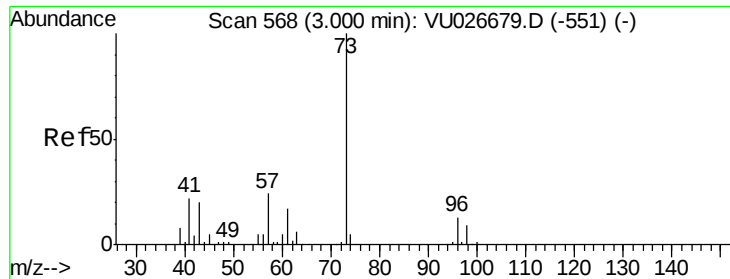
40000

20000

0

Time-->

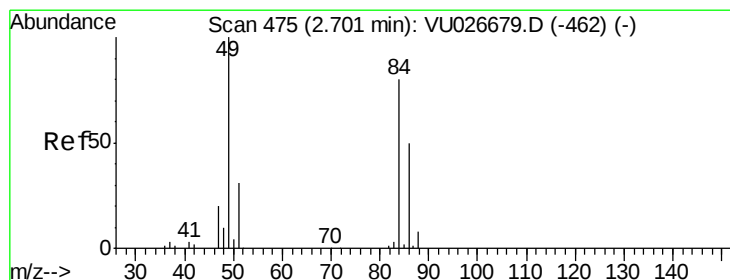
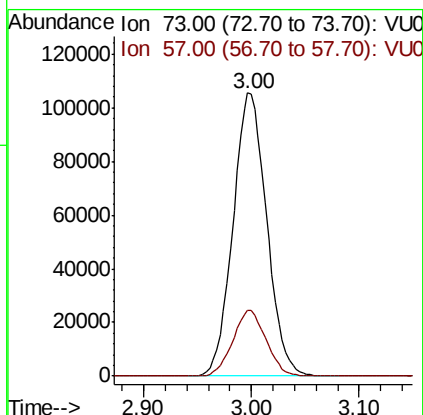
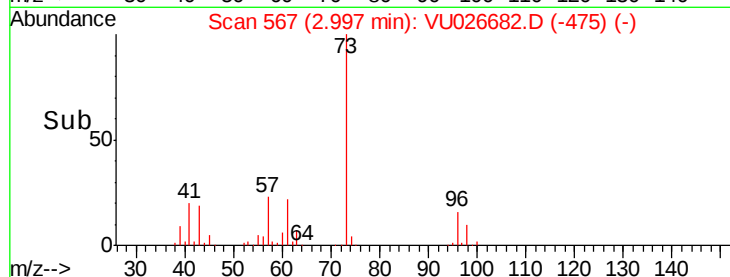
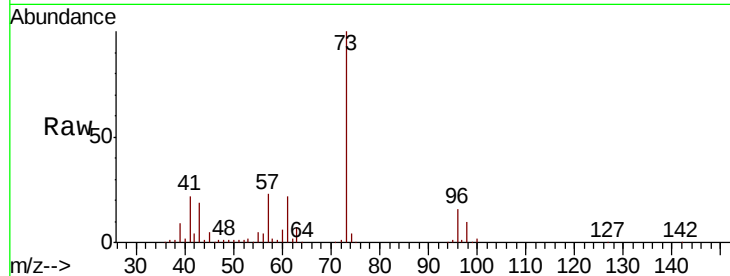




#19
Methyl tert-butyl Ether
Concen: 49.989 ug/l
RT: 3.00 min Scan# 567
Delta R.T. -0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

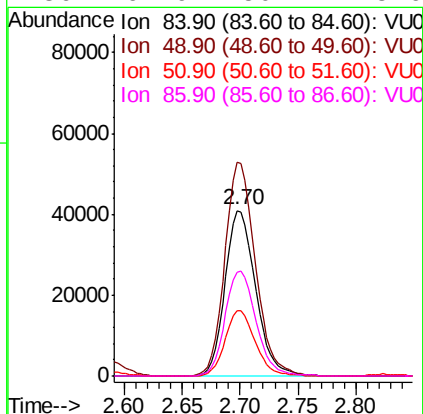
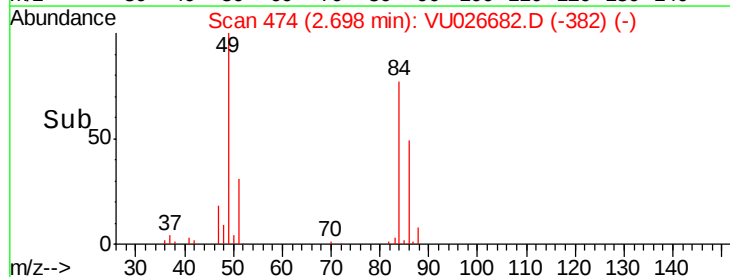
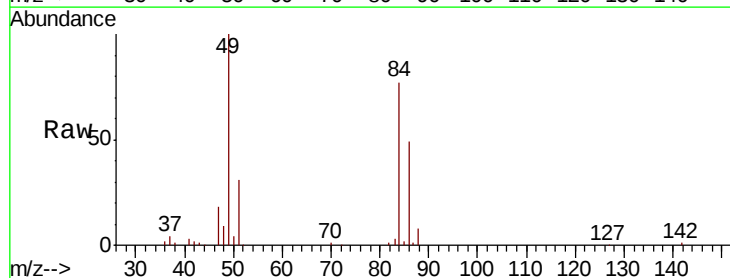
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091218

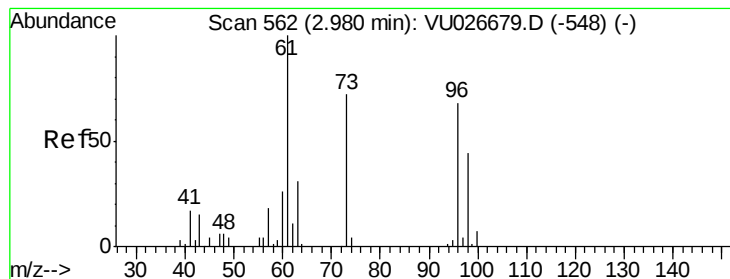
Tgt Ion: 73 Resp: 229619
Ion Ratio Lower Upper
73 100
57 23.0 18.9 28.3



#20
Methylene Chloride
Concen: 46.437 ug/l
RT: 2.70 min Scan# 474
Delta R.T. -0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

Tgt Ion: 84 Resp: 75171
Ion Ratio Lower Upper
84 100
49 129.3 100.6 151.0
51 39.4 30.9 46.3
86 62.9 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 49.181 ug/l

RT: 2.98 min Scan# 562

Delta R.T. 0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091218

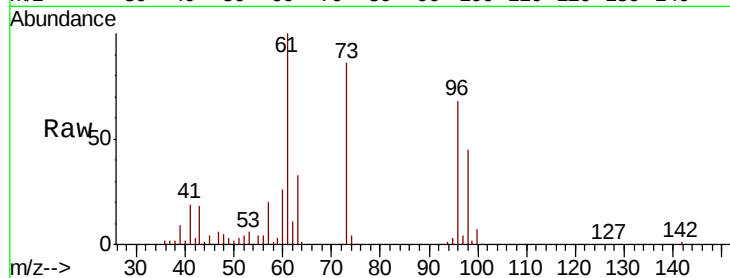
Tgt Ion: 96 Resp: 69119

Ion Ratio Lower Upper

96 100

61 147.3 117.7 176.5

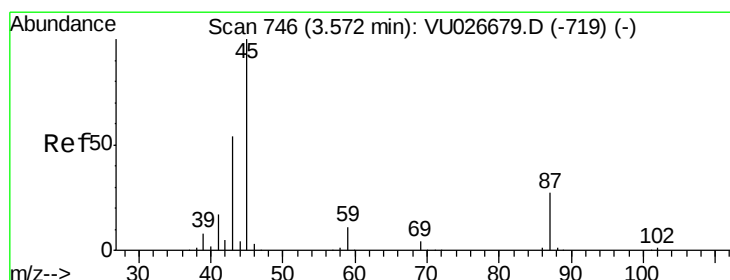
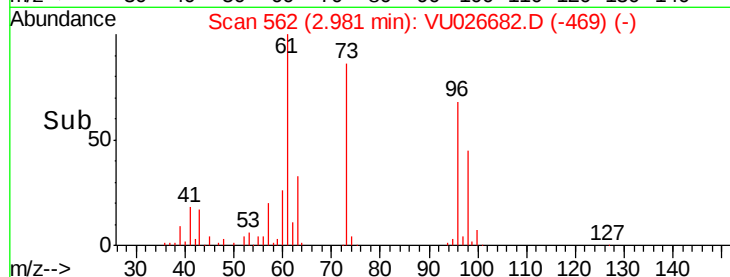
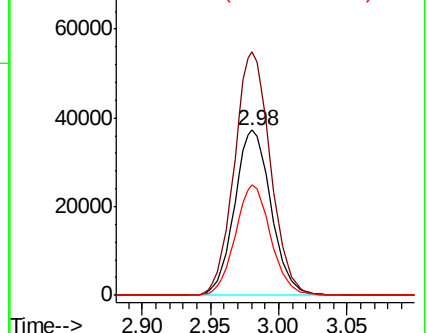
98 66.8 52.0 78.0



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



#22

Diisopropyl ether

Concen: 50.019 ug/l

RT: 3.57 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

Tgt Ion: 45 Resp: 250830

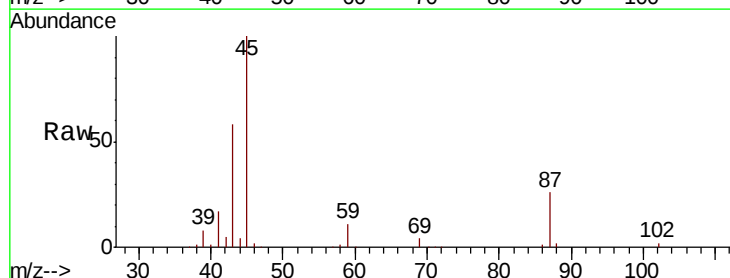
Ion Ratio Lower Upper

45 100

43 57.5 44.6 67.0

87 25.9 21.4 32.0

59 11.0 9.0 13.4

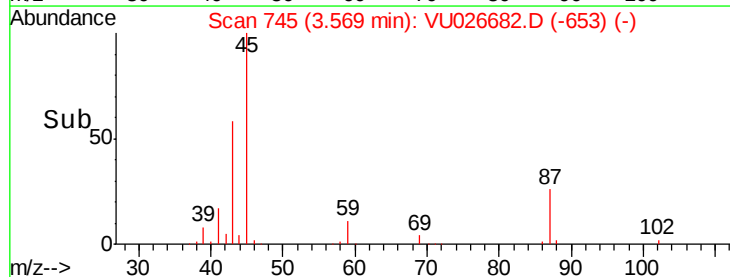
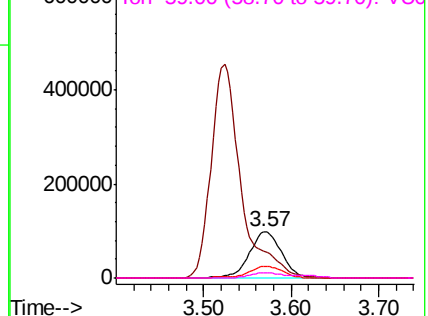


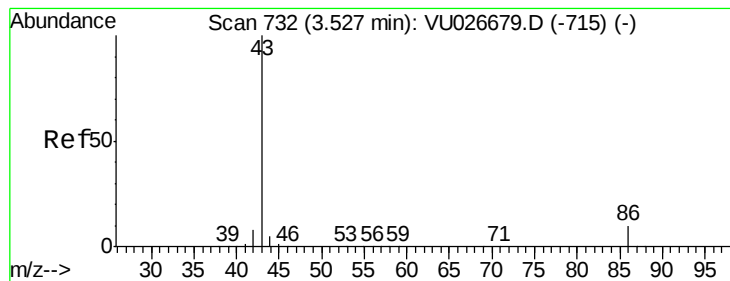
Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 253.147 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

Instrument :

MSVOA_U

ClientSampleId :

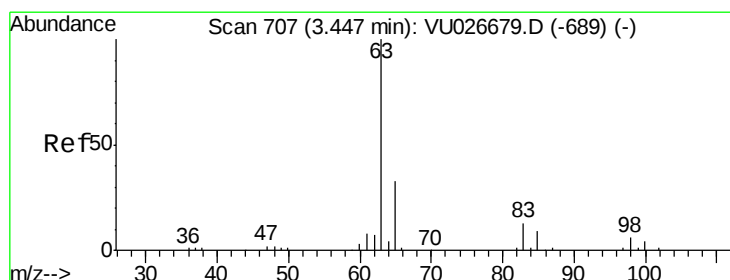
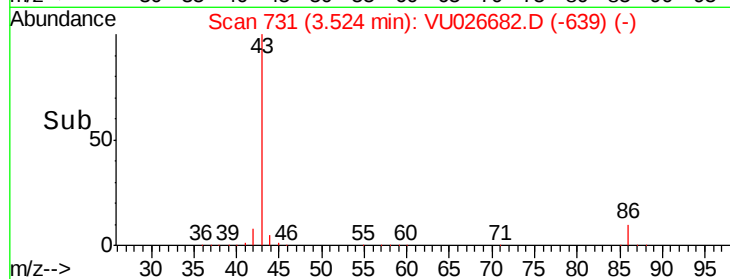
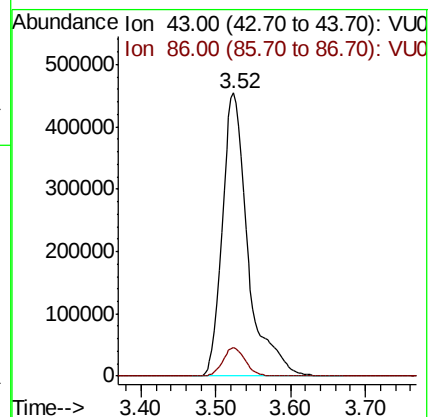
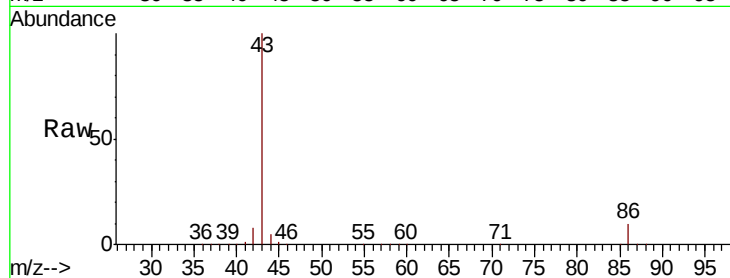
ICVVU091218

Tgt Ion: 43 Resp: 1078340

Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.8



#24

1,1-Dichloroethane

Concen: 48.467 ug/l

RT: 3.44 min Scan# 706

Delta R.T. -0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

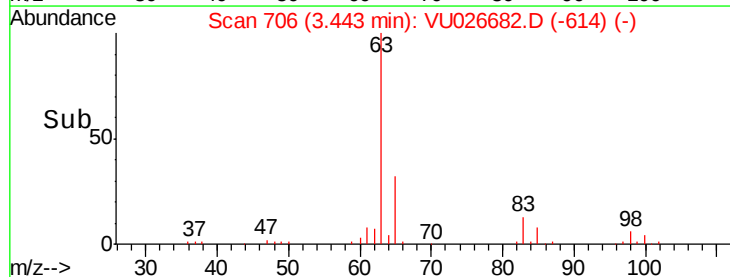
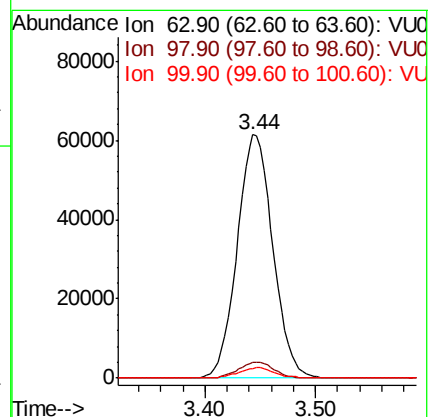
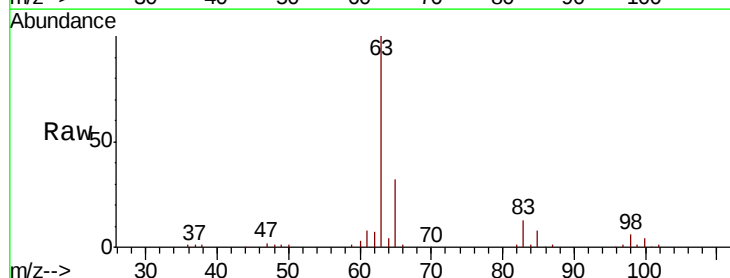
Tgt Ion: 63 Resp: 137104

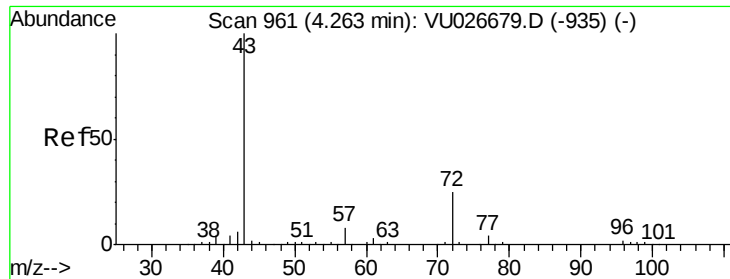
Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.4

100 4.1 2.0 6.0

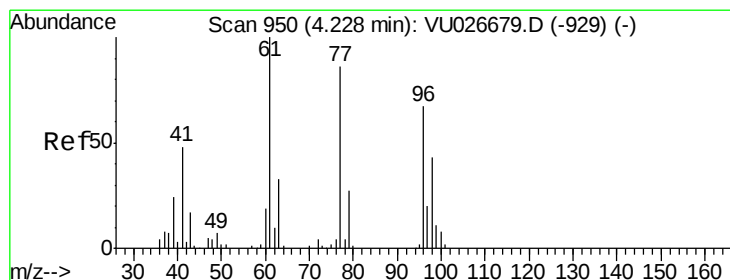
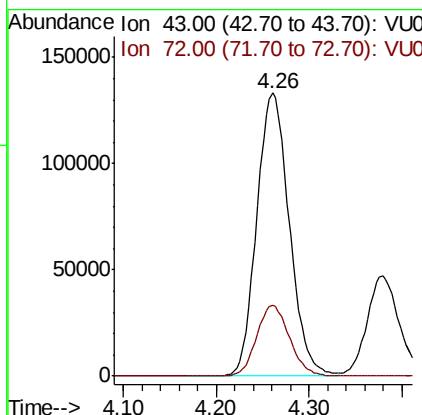
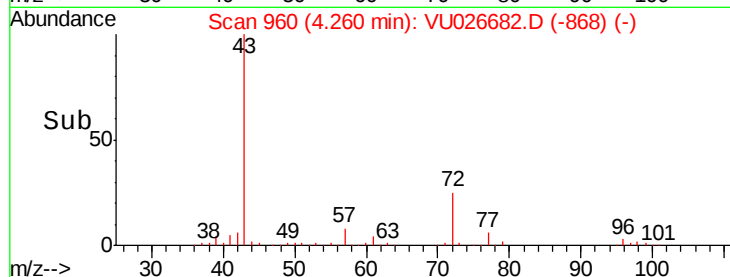
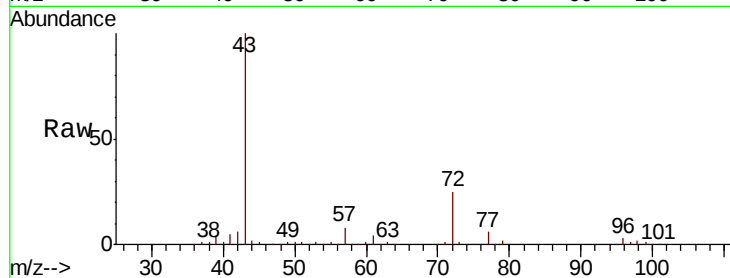




#25
 2-Butanone
 Concen: 241.334 ug/l
 RT: 4.26 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

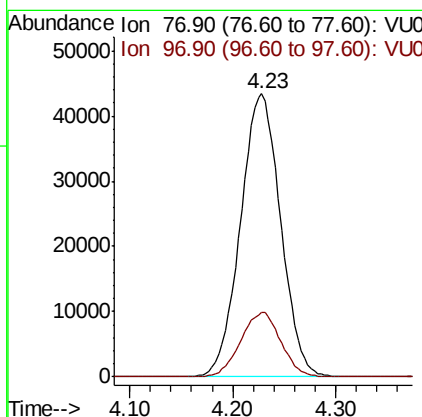
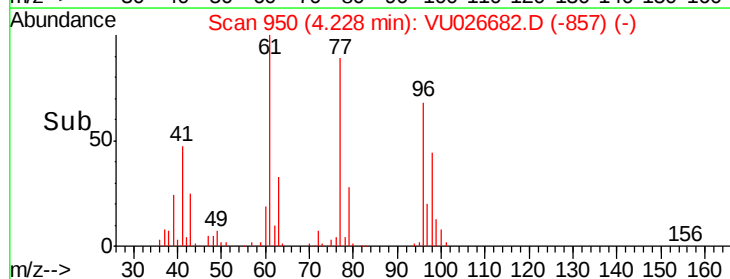
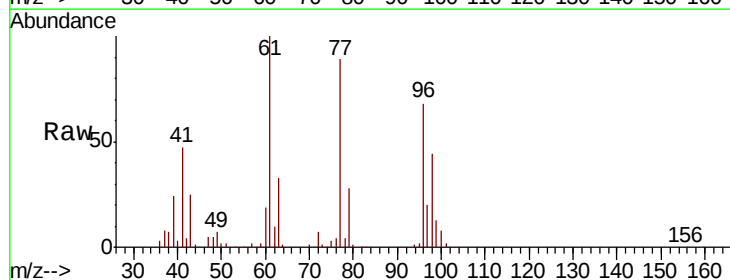
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091218

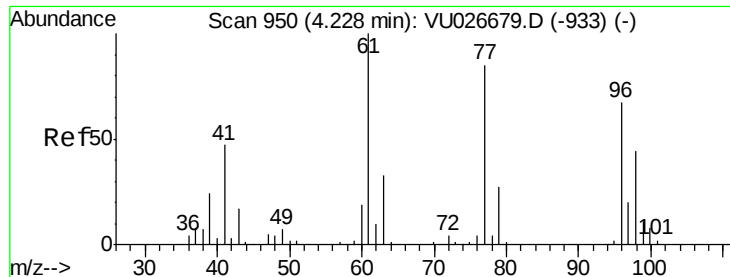
Tgt Ion: 43 Resp: 324435
 Ion Ratio Lower Upper
 43 100
 72 24.9 20.3 30.5



#26
 2,2-Dichloropropane
 Concen: 50.452 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

Tgt Ion: 77 Resp: 117312
 Ion Ratio Lower Upper
 77 100
 97 22.9 11.6 34.8



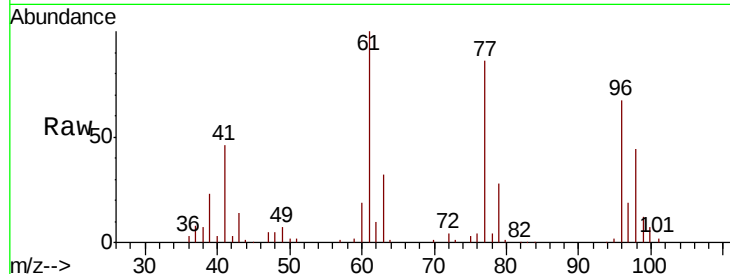


#27

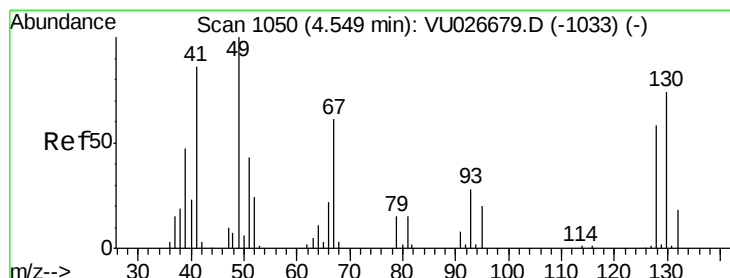
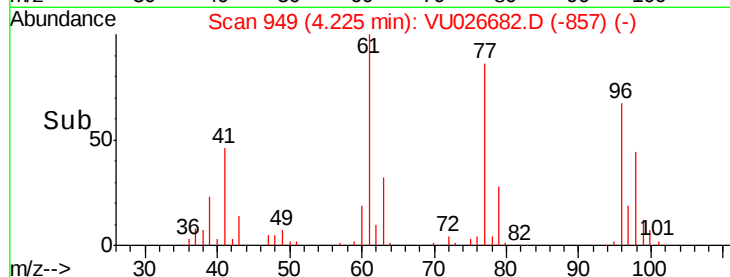
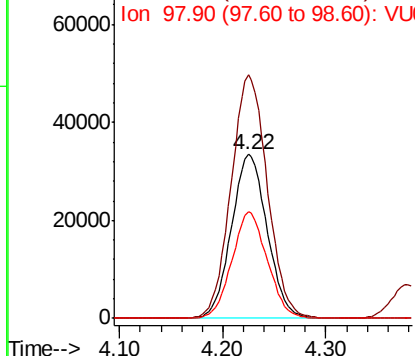
cis-1,2-Dichloroethene
Concen: 49.847 ug/l
RT: 4.22 min Scan# 949
Delta R.T. -0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091218

Tgt Ion: 96 Resp: 80739
Ion Ratio Lower Upper
96 100
61 150.5 0.0 301.8
98 64.2 0.0 127.2



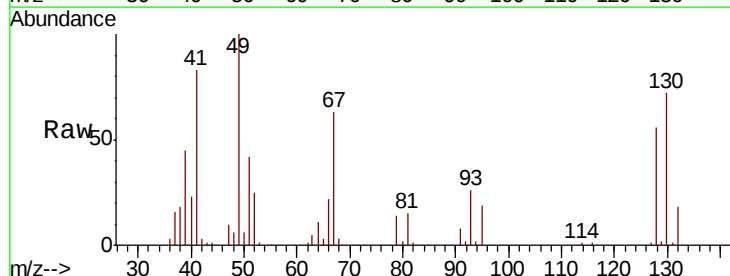
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



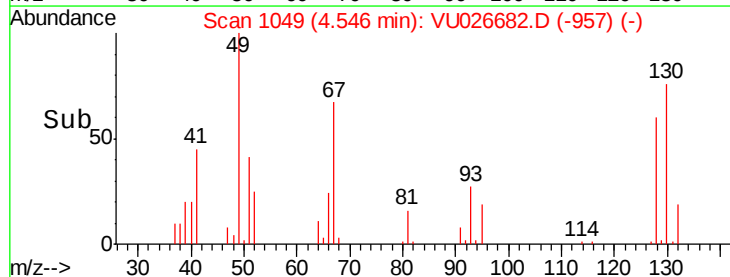
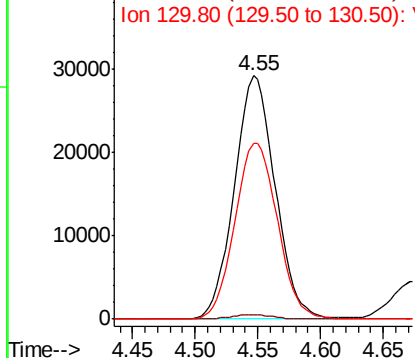
#28

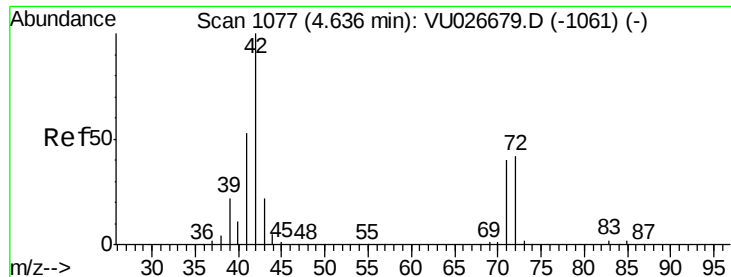
Bromochloromethane
Concen: 48.891 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

Tgt Ion: 49 Resp: 66135
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 75.3 59.8 89.6



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

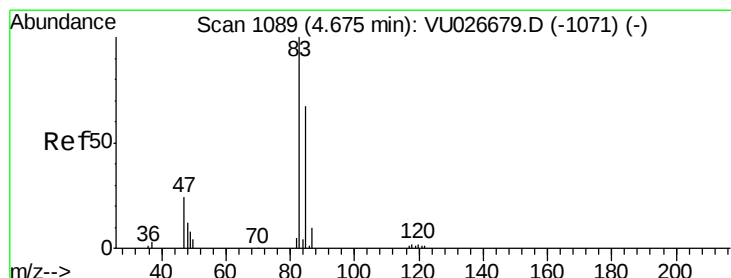
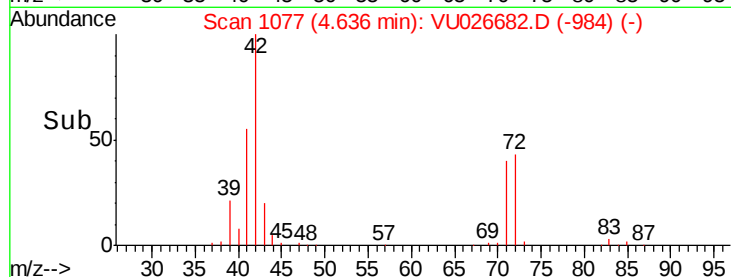
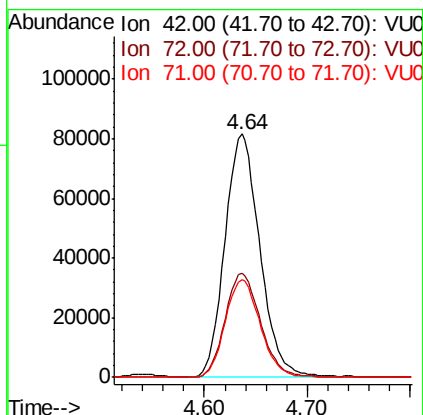
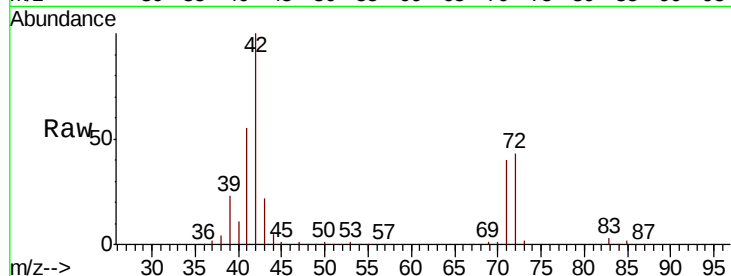




#29
Tetrahydrofuran
Concen: 236.148 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

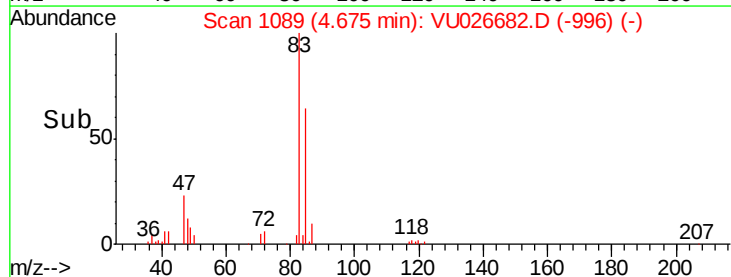
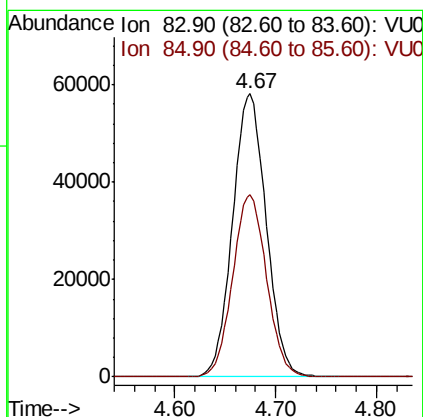
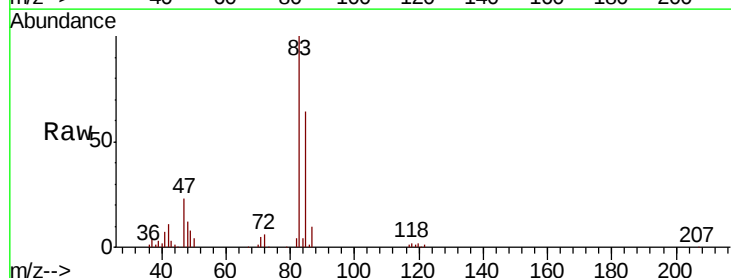
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091218

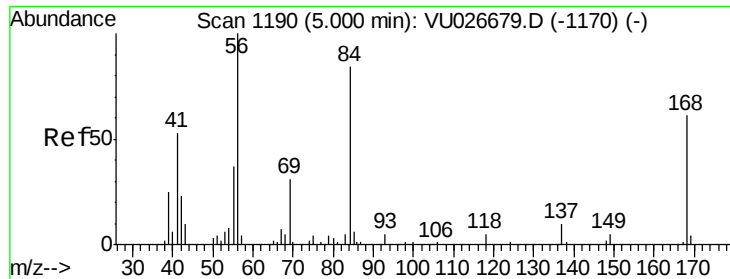
Tgt Ion: 42 Resp: 191398
Ion Ratio Lower Upper
42 100
72 43.9 34.4 51.6
71 40.8 32.4 48.6



#30
Chloroform
Concen: 48.397 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

Tgt Ion: 83 Resp: 134629
Ion Ratio Lower Upper
83 100
85 64.2 53.3 79.9

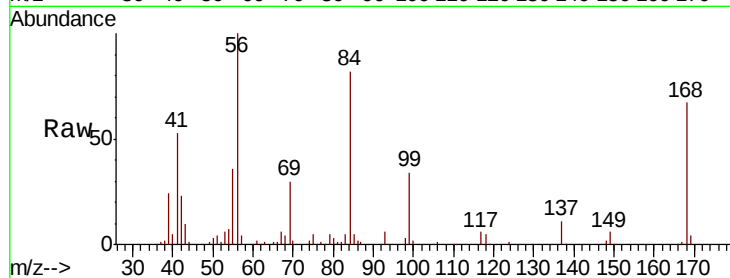




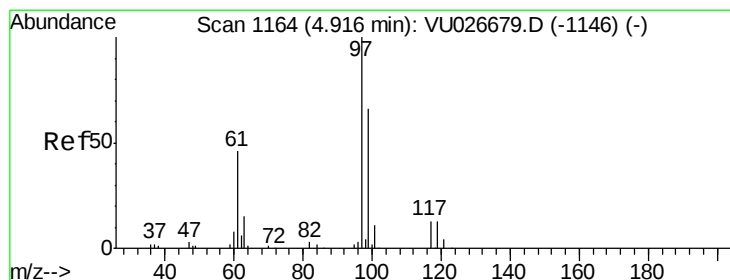
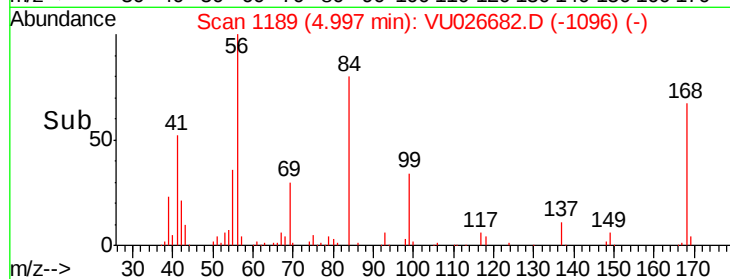
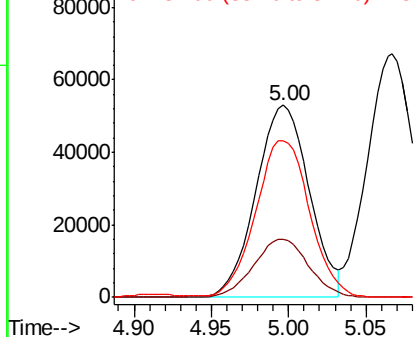
#31
Cyclohexane
Concen: 49.284 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091218

Tgt Ion: 56 Resp: 127339
Ion Ratio Lower Upper
56 100
69 30.4 24.9 37.3
84 81.1 66.6 100.0

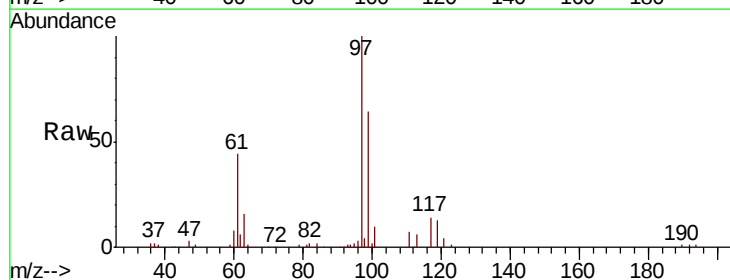


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

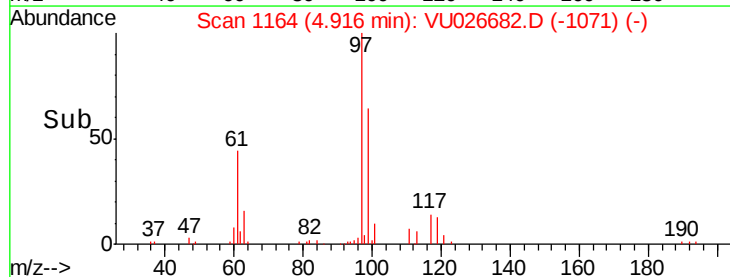
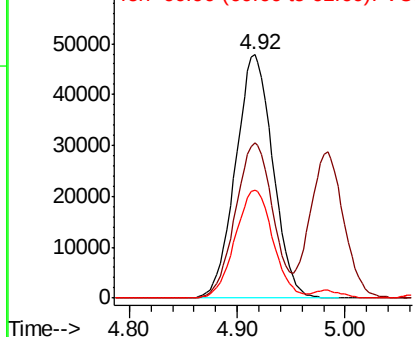


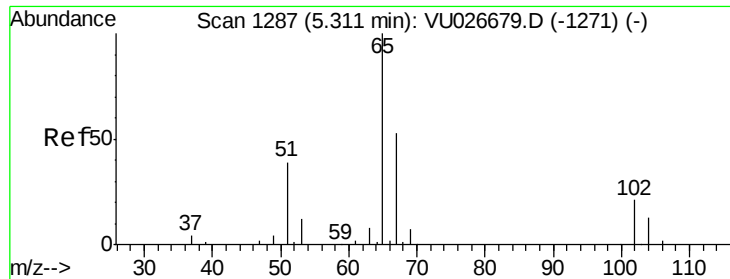
#32
1,1,1-Trichloroethane
Concen: 49.780 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

Tgt Ion: 97 Resp: 114653
Ion Ratio Lower Upper
97 100
99 64.2 52.2 78.2
61 45.2 36.8 55.2



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

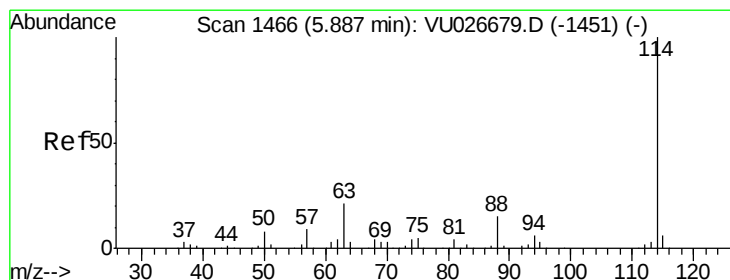
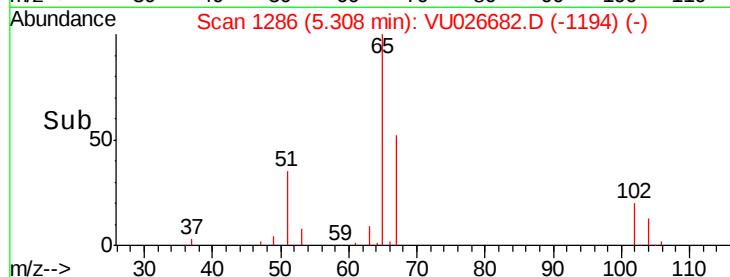
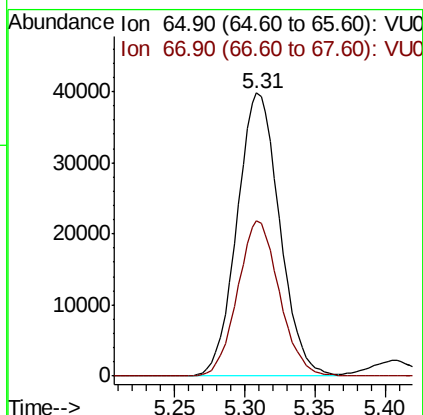
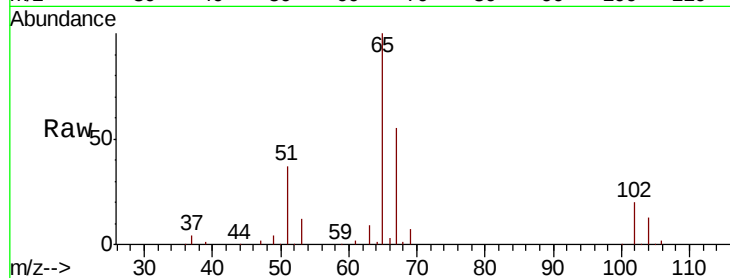




#33
 1,2-Dichloroethane-d4
 Concen: 47.734 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

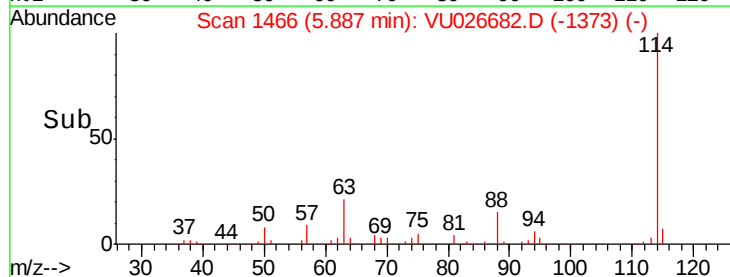
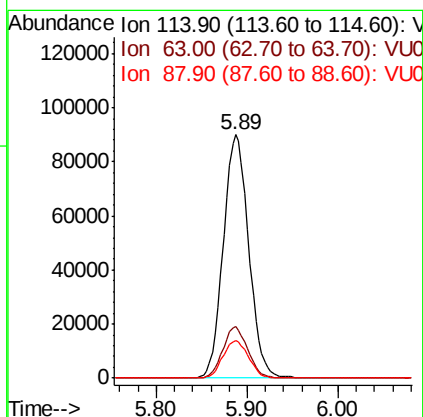
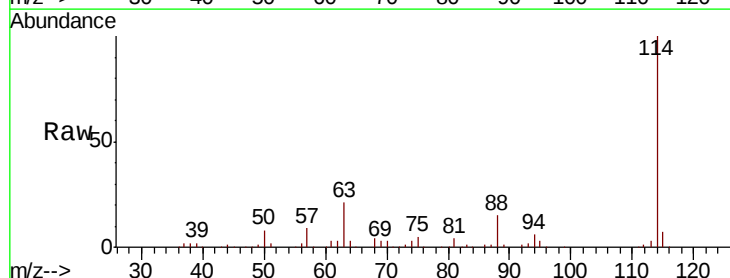
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091218

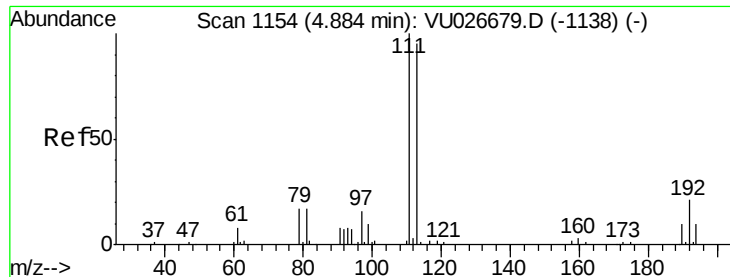
Tgt Ion: 65 Resp: 84143
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

Tgt Ion: 114 Resp: 174656
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 15.3 0.0 30.8

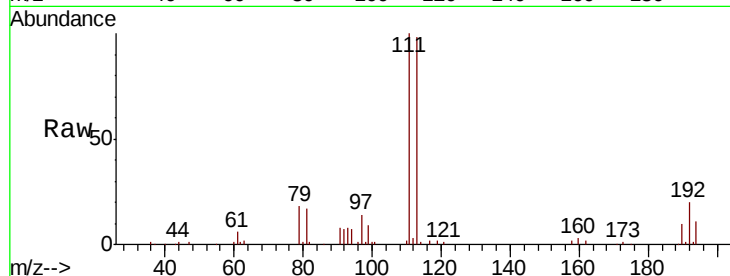




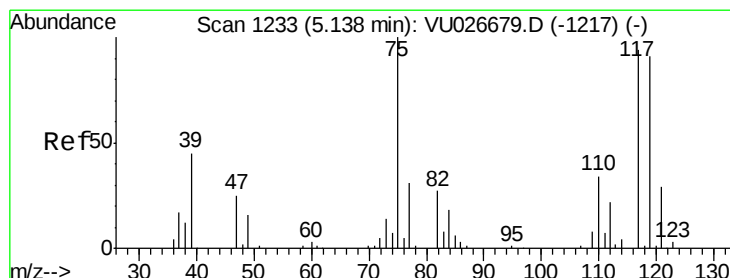
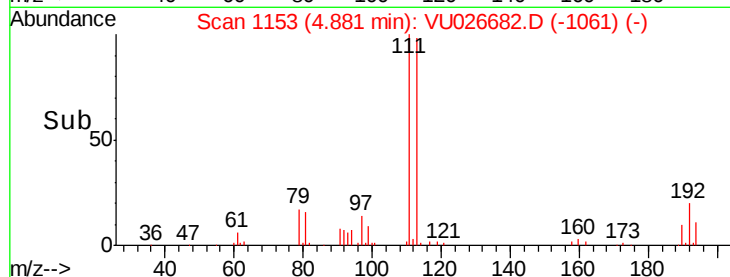
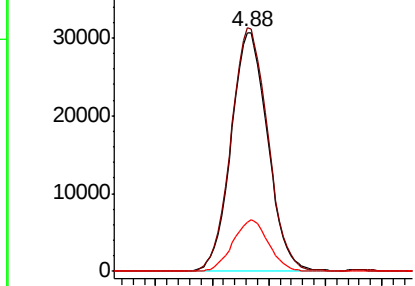
#35
 Dibromofluoromethane
 Concen: 48.404 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091218

Tgt Ion: 113 Resp: 68960
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.1 124.7
 192 21.1 17.4 26.2

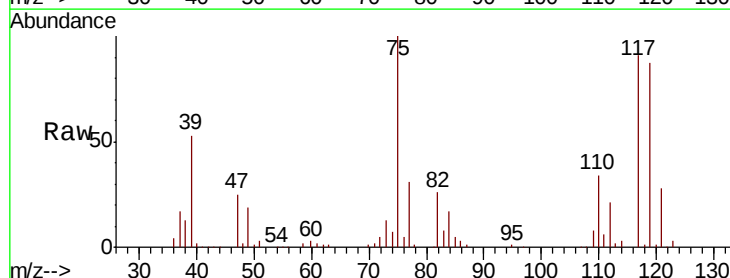


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

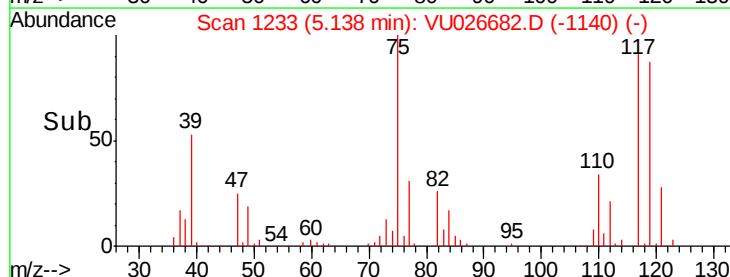
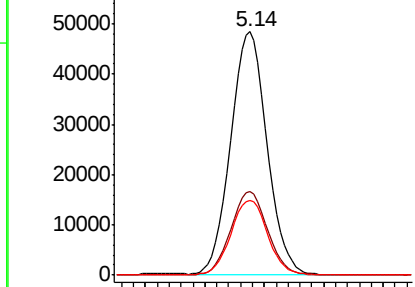


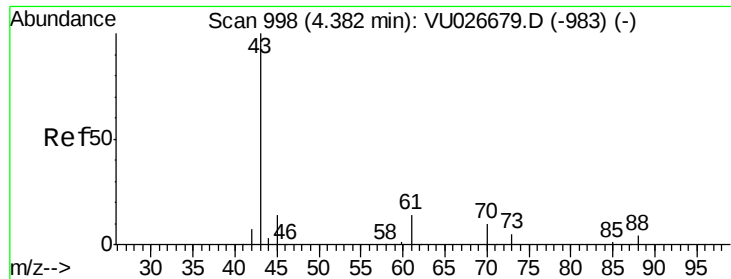
#36
 1,1-Dichloropropene
 Concen: 52.077 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

Tgt Ion: 75 Resp: 102120
 Ion Ratio Lower Upper
 75 100
 110 34.7 17.3 51.9
 77 31.2 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

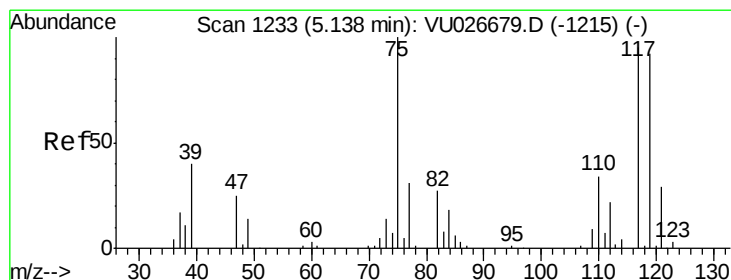
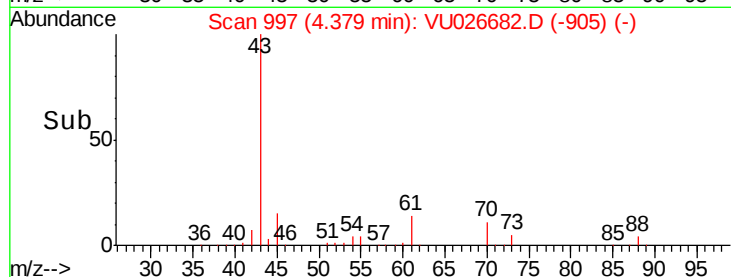
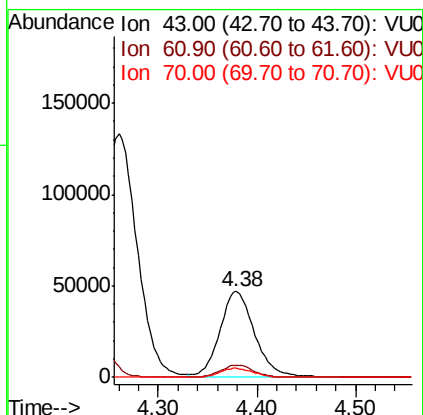
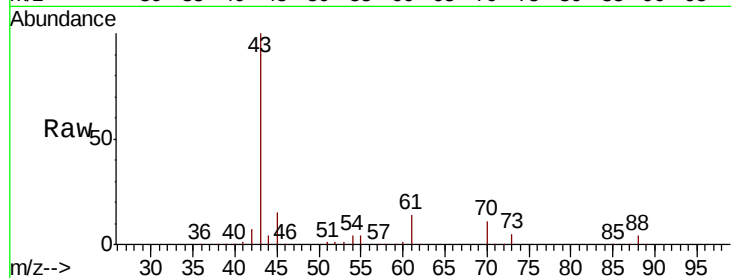




#37
Ethyl Acetate
Concen: 48.477 ug/l
RT: 4.38 min Scan# 997
Delta R.T. -0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

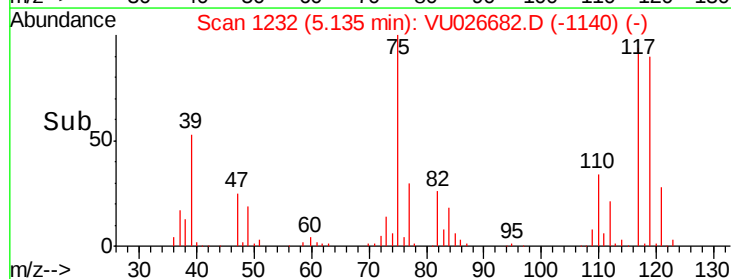
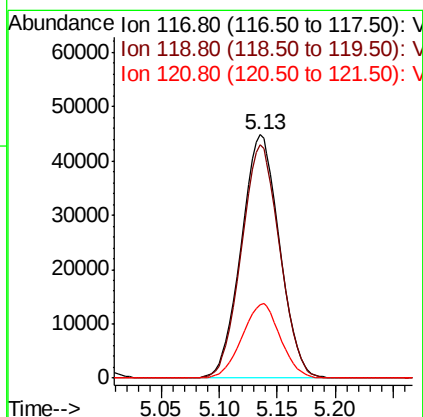
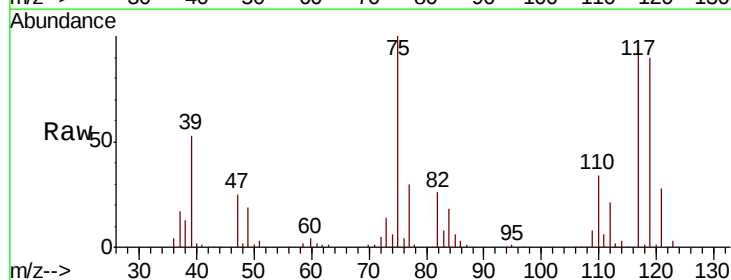
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091218

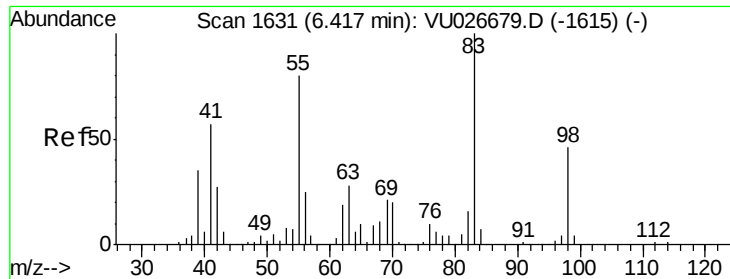
Tgt Ion: 43 Resp: 114313
Ion Ratio Lower Upper
43 100
61 13.9 11.5 17.3
70 10.1 7.8 11.8



#38
Carbon Tetrachloride
Concen: 49.767 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

Tgt Ion: 117 Resp: 103106
Ion Ratio Lower Upper
117 100
119 95.7 77.8 116.8
121 29.9 25.0 37.4

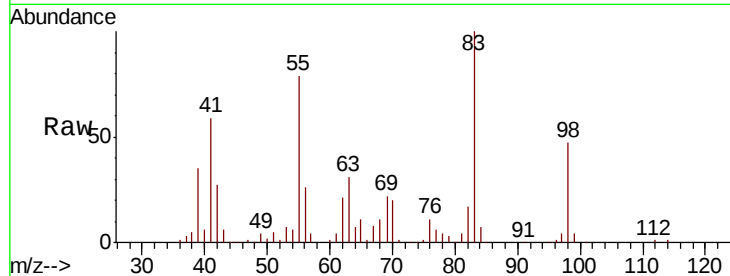




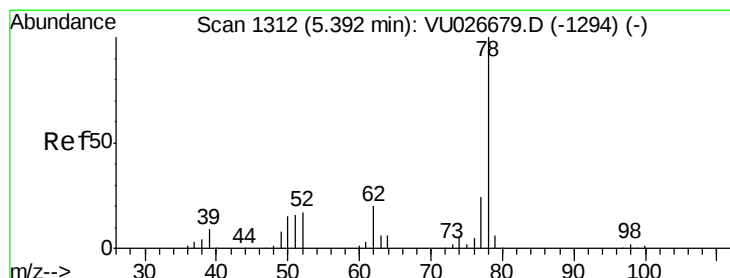
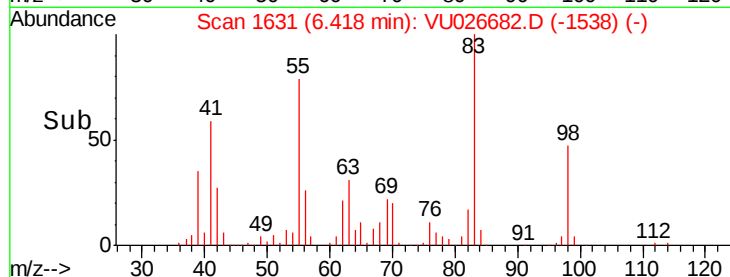
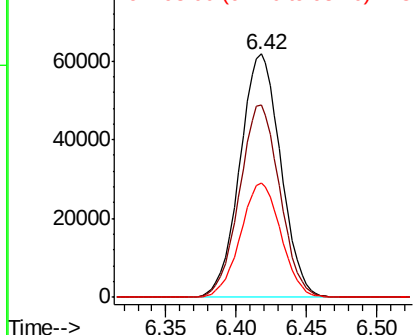
#39
Methylcyclohexane
Concen: 53.627 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091218

Tgt Ion: 83 Resp: 124858
Ion Ratio Lower Upper
83 100
55 79.2 63.8 95.6
98 46.9 37.2 55.8

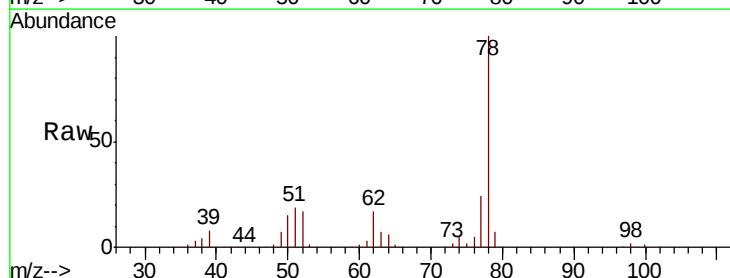


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

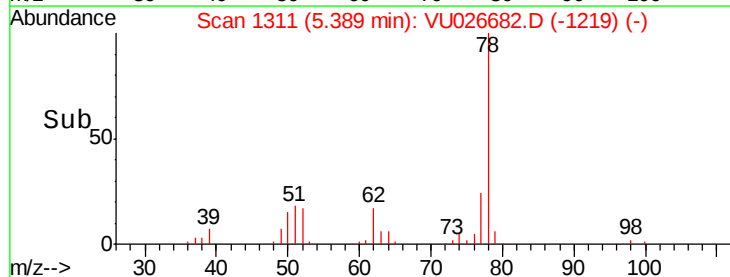
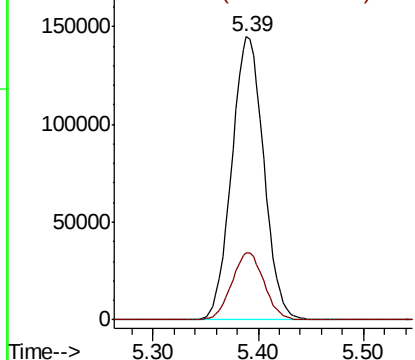


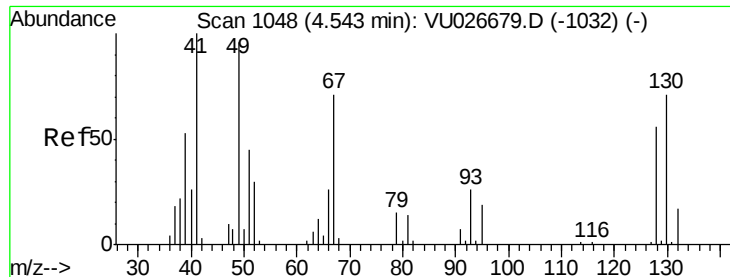
#40
Benzene
Concen: 50.083 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

Tgt Ion: 78 Resp: 304996
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3



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

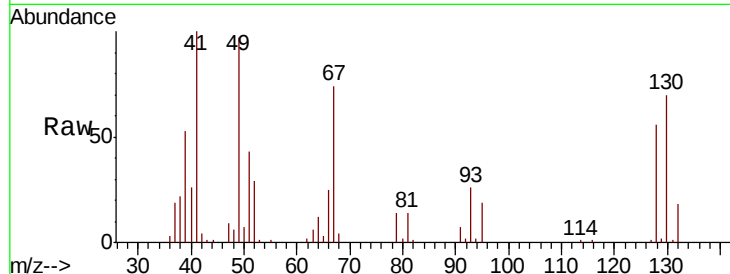




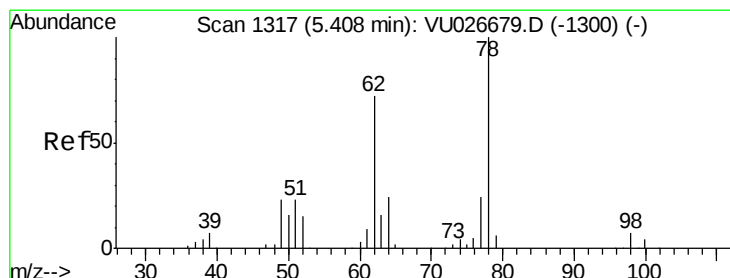
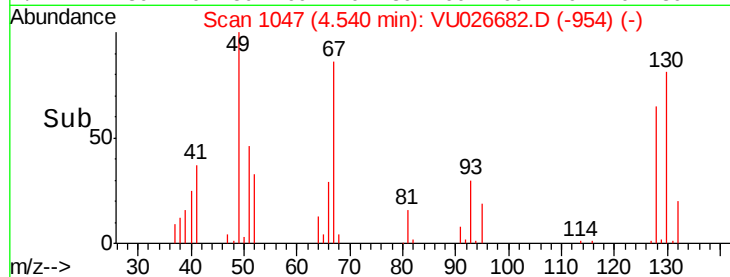
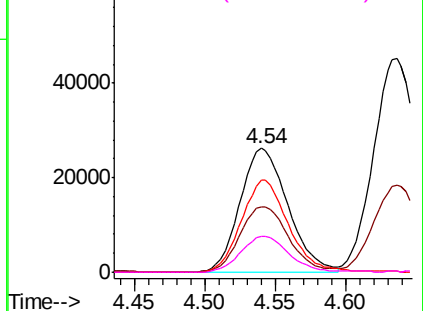
#41
Methacrylonitrile
Concen: 47.013 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091218

Tgt Ion:	41	Resp:	62412
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.9	64.3
67	73.4	56.6	84.8
52	29.4	23.2	34.8

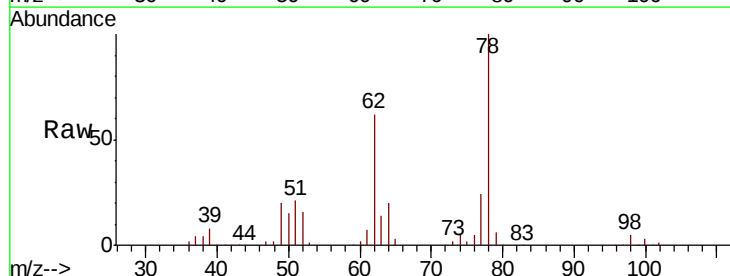


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

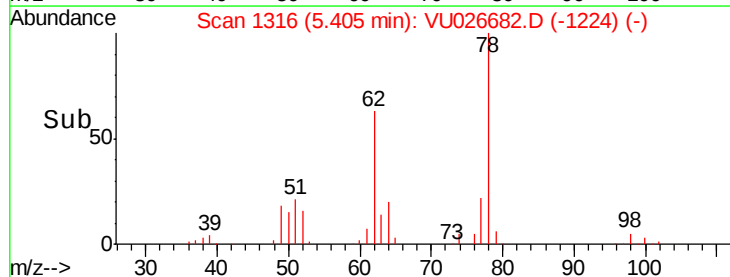
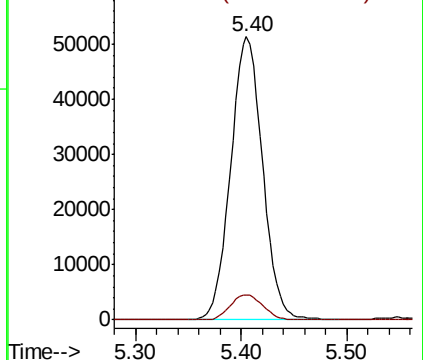


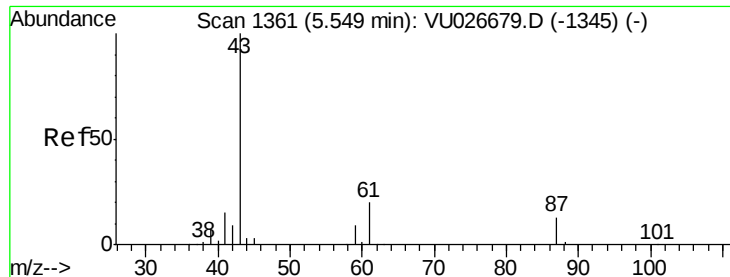
#42
1,2-Dichloroethane
Concen: 49.518 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

Tgt Ion:	62	Resp:	107531
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 50.777 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091218

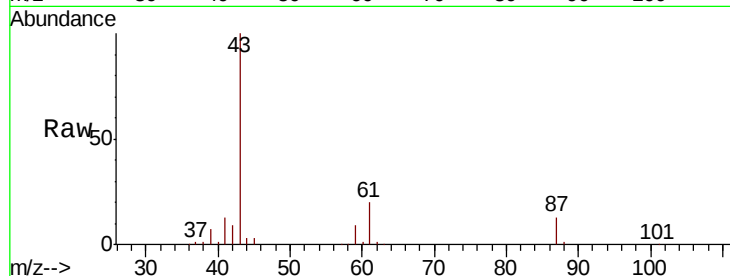
Tgt Ion: 43 Resp: 182317

Ion Ratio Lower Upper

43 100

61 20.1 16.0 24.0

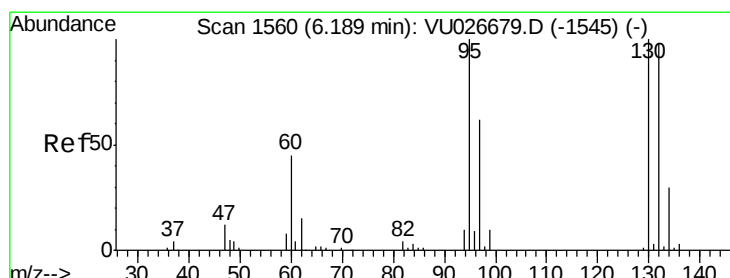
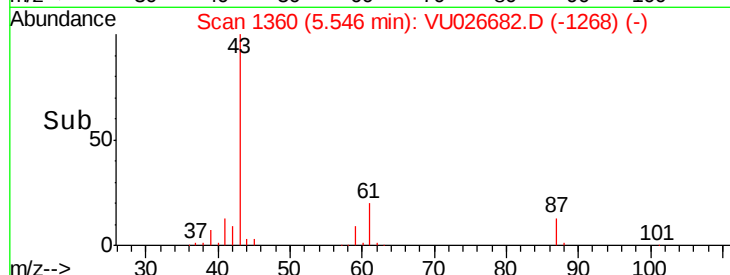
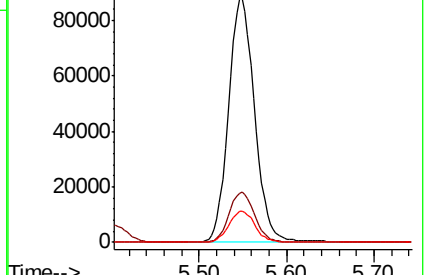
87 12.8 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VU026682.D (-1268) (-)

Ion 61.00 (60.70 to 61.70): VU026682.D (-1268) (-)

Ion 87.00 (86.70 to 87.70): VU026682.D (-1268) (-)



#44

Trichloroethene

Concen: 51.093 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU026682.D

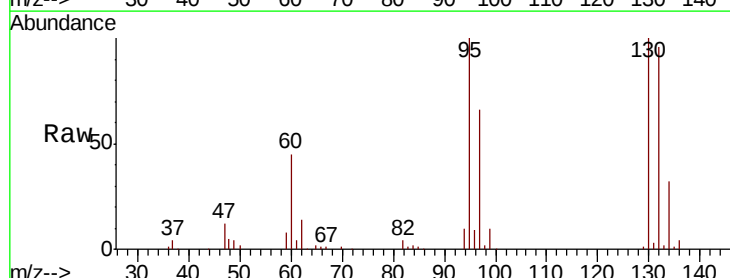
Acq: 11 Sep 2018 13:13

Tgt Ion: 130 Resp: 77008

Ion Ratio Lower Upper

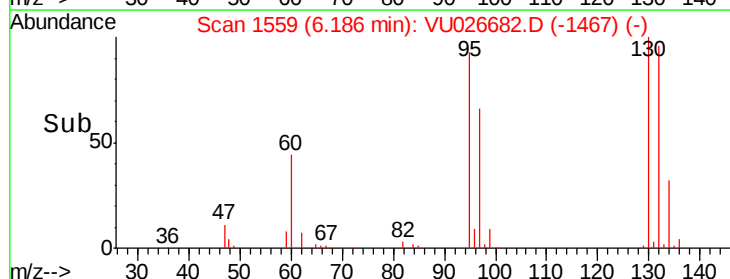
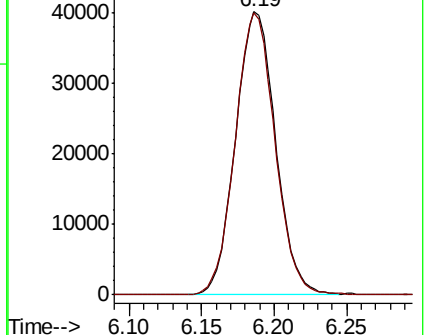
130 100

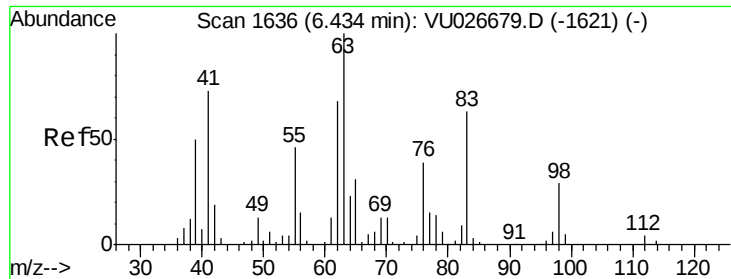
95 99.6 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): VU026682.D (-1467) (-)

Ion 94.90 (94.60 to 95.60): VU026682.D (-1467) (-)





#45

1,2-Dichloropropane

Concen: 51.149 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

Instrument :

MSVOA_U

ClientSampleId :

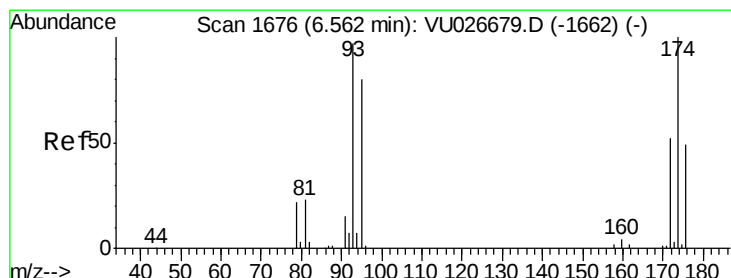
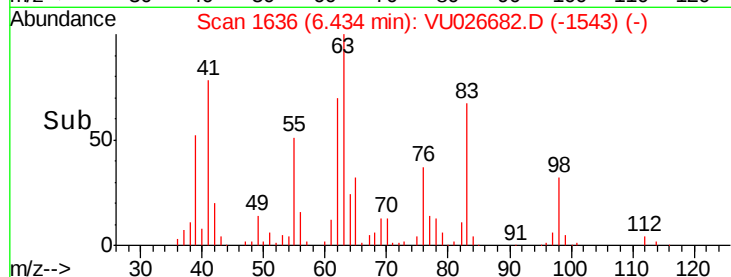
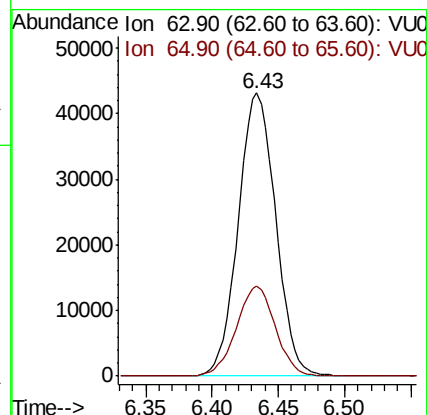
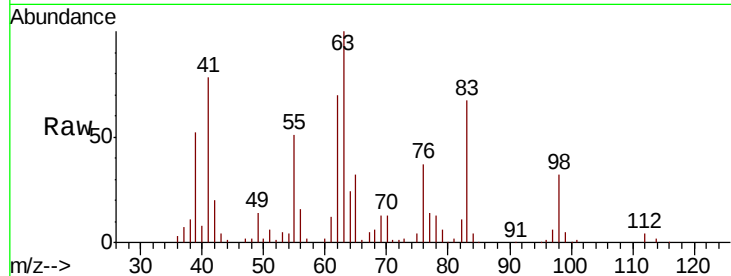
ICVVU091218

Tgt Ion: 63 Resp: 84677

Ion Ratio Lower Upper

63 100

65 31.7 25.0 37.4



#46

Dibromomethane

Concen: 50.170 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

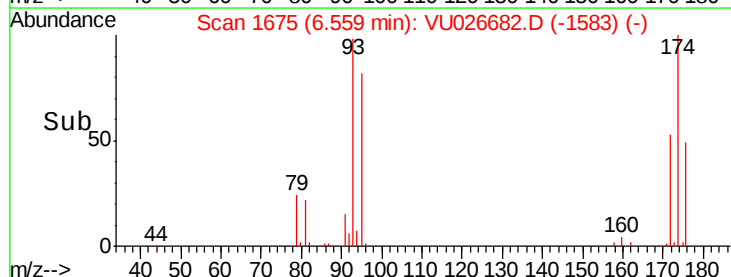
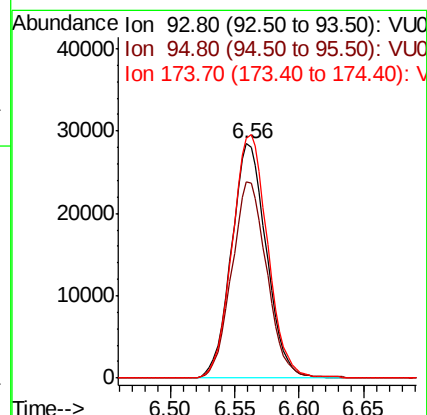
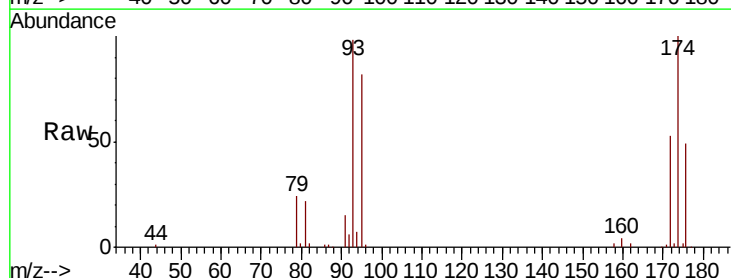
Tgt Ion: 93 Resp: 53597

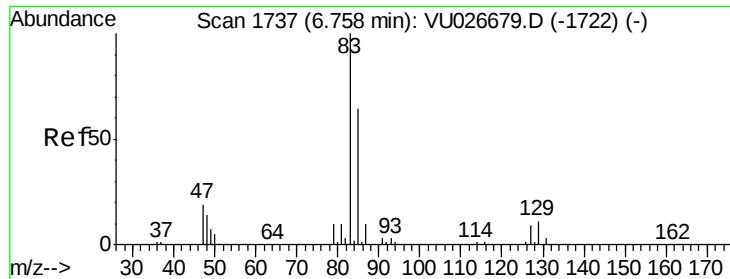
Ion Ratio Lower Upper

93 100

95 84.0 65.4 98.2

174 105.4 81.6 122.4





#47

Bromodichloromethane

Concen: 50.302 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091218

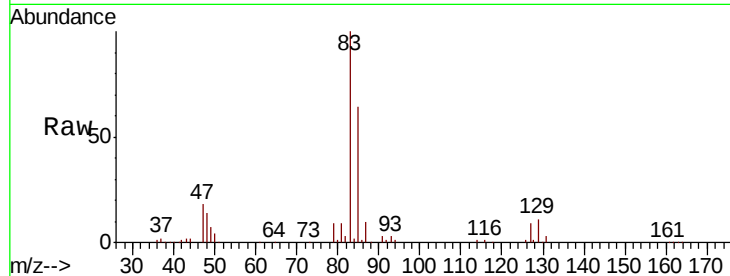
Tgt Ion: 83 Resp: 105818

Ion Ratio Lower Upper

83 100

85 63.9 51.1 76.7

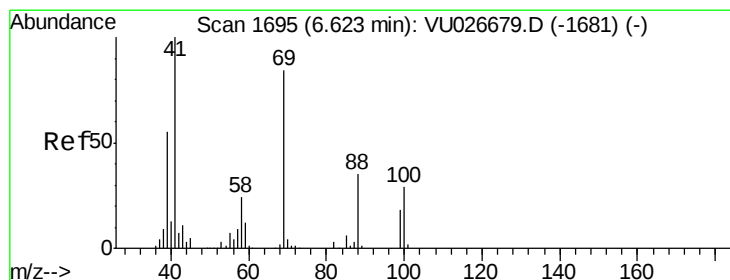
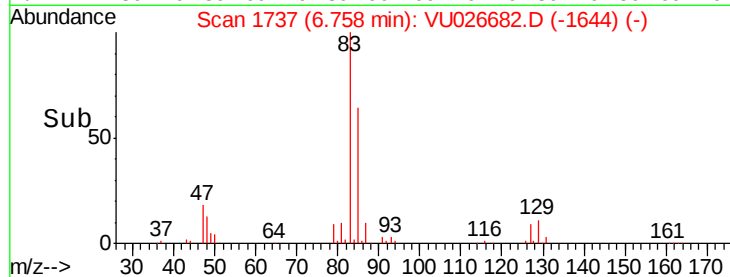
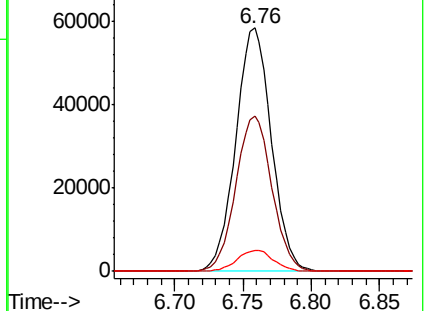
127 8.5 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VU026682.D (-1644) (-)

Ion 84.90 (84.60 to 85.60): VU026682.D (-1644) (-)

Ion 126.80 (126.50 to 127.50): VU026682.D (-1644) (-)



#48

Methyl methacrylate

Concen: 47.306 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

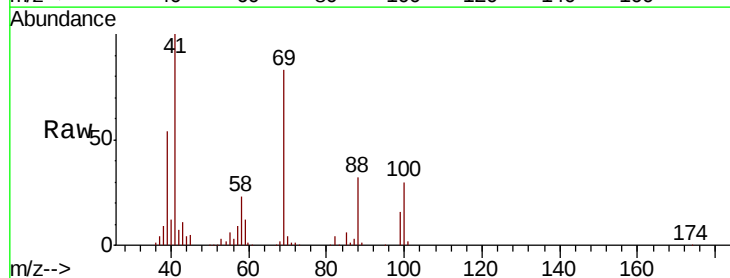
Tgt Ion: 41 Resp: 92738

Ion Ratio Lower Upper

41 100

69 83.0 66.6 99.8

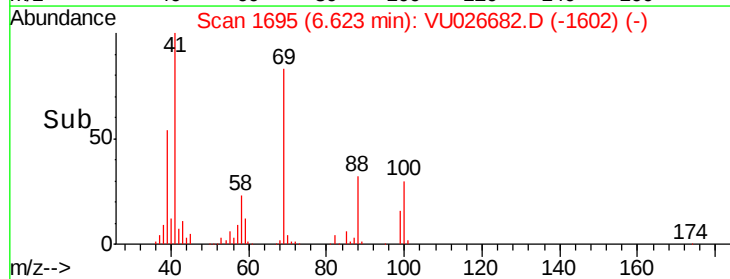
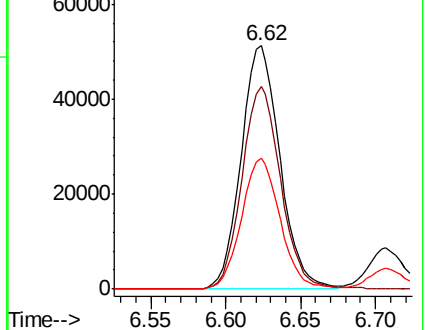
39 53.5 43.6 65.4

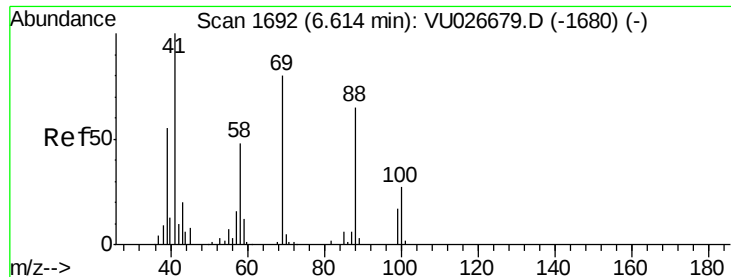


Abundance Ion 41.00 (40.70 to 41.70): VU026682.D (-1602) (-)

Ion 69.00 (68.70 to 69.70): VU026682.D (-1602) (-)

Ion 39.00 (38.70 to 39.70): VU026682.D (-1602) (-)





#49

1,4-Dioxane

Concen: 976.733 ug/l

RT: 6.61 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091218

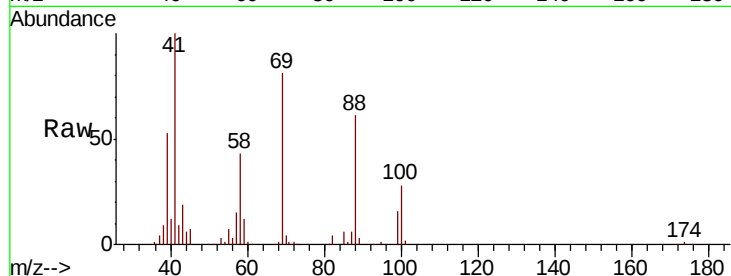
Tgt Ion: 88 Resp: 43910

Ion Ratio Lower Upper

88 100

43 32.6 25.5 38.3

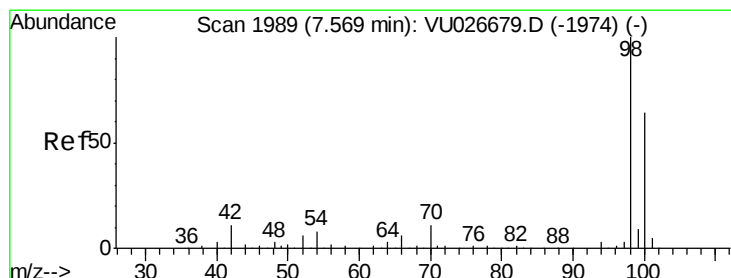
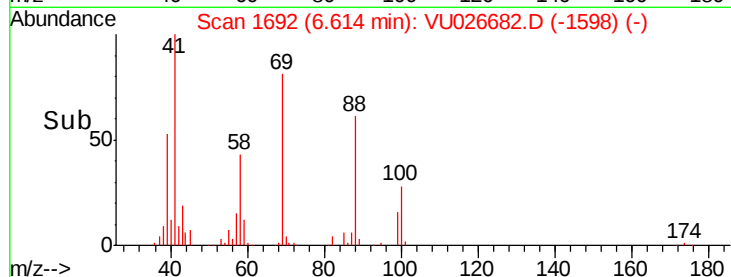
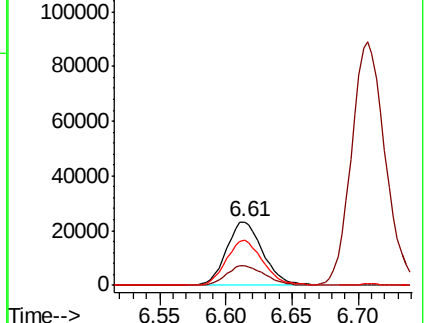
58 72.0 58.2 87.4



Abundance Ion 88.00 (87.70 to 88.70): VU026682.D (-1598) (-)

Ion 43.00 (42.70 to 43.70): VU026682.D (-1598) (-)

Ion 58.00 (57.70 to 58.70): VU026682.D (-1598) (-)



#50

Toluene-d8

Concen: 49.340 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU026682.D

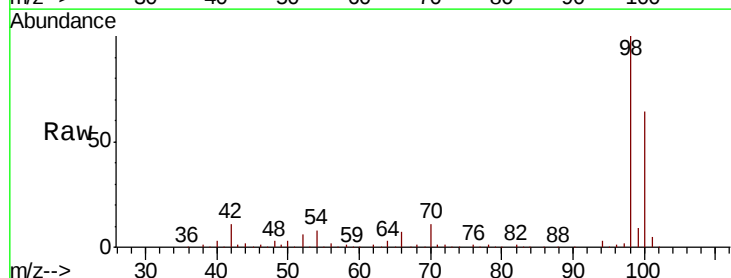
Acq: 11 Sep 2018 13:13

Tgt Ion: 98 Resp: 259985

Ion Ratio Lower Upper

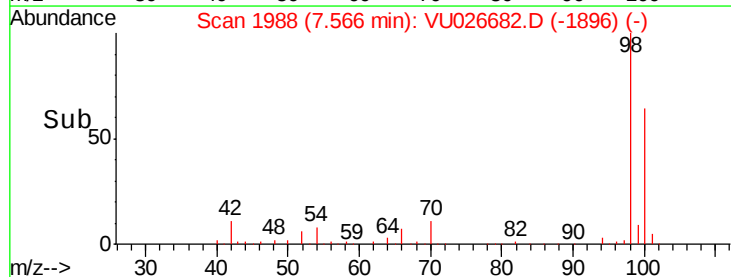
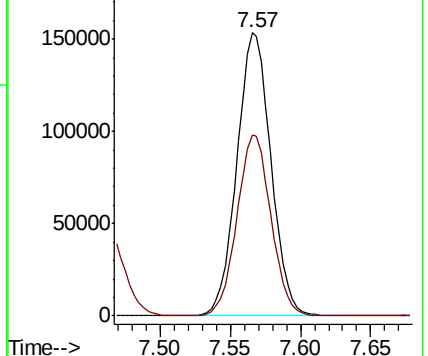
98 100

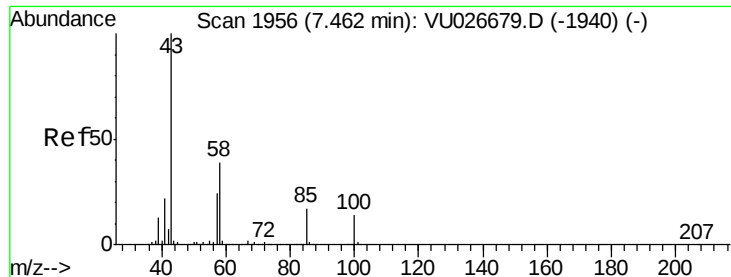
100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VU026682.D (-1896) (-)

Ion 100.00 (99.70 to 100.70): VU026682.D (-1896) (-)

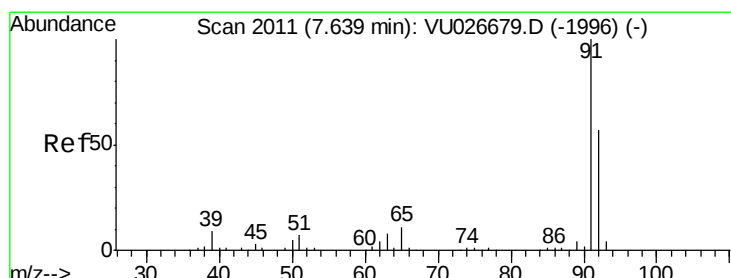
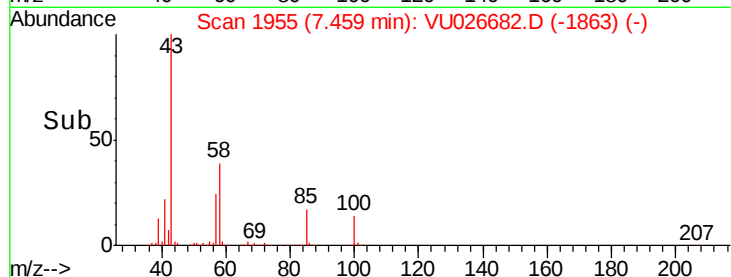
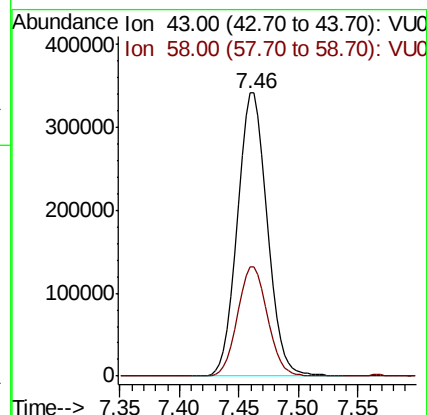
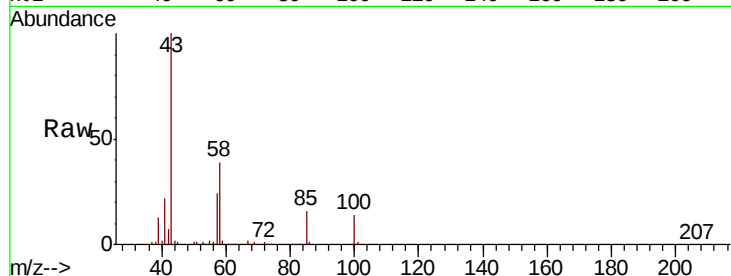




#51
 4-Methyl-2-Pentanone
 Concen: 247.540 ug/l
 RT: 7.46 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

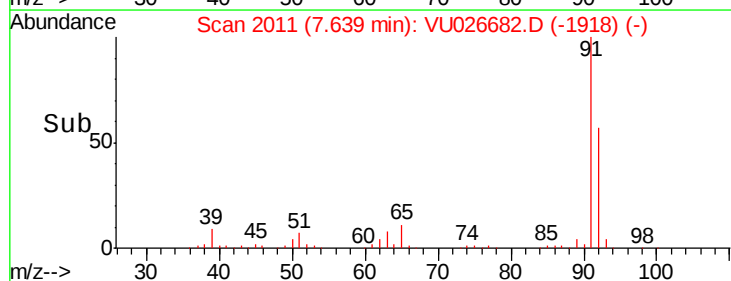
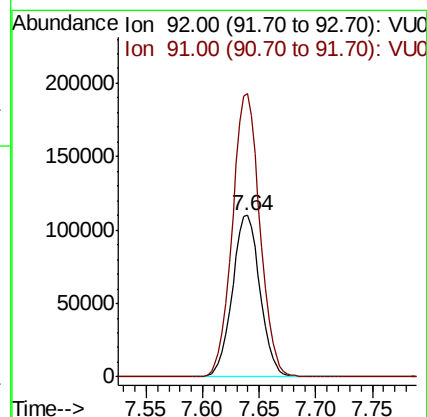
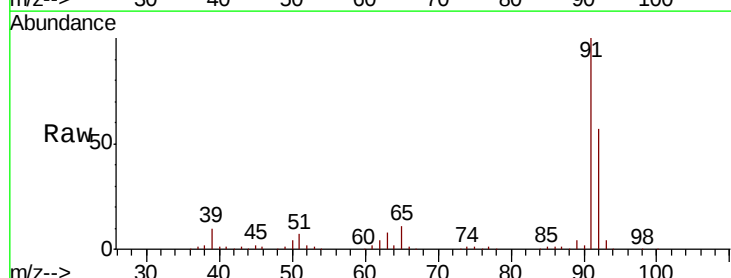
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091218

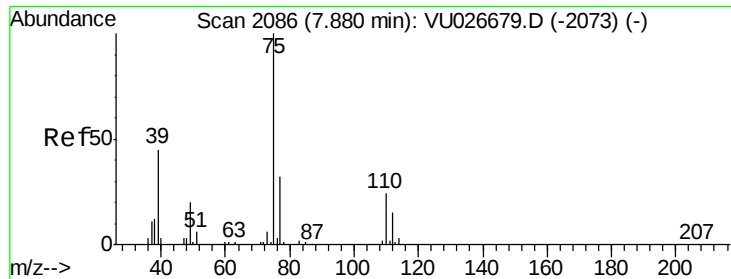
Tgt Ion: 43 Resp: 594512
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.1 46.7



#52
 Toluene
 Concen: 51.588 ug/l
 RT: 7.64 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

Tgt Ion: 92 Resp: 187136
 Ion Ratio Lower Upper
 92 100
 91 175.0 141.1 211.7

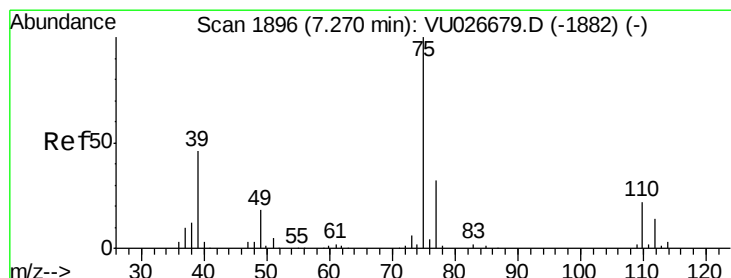
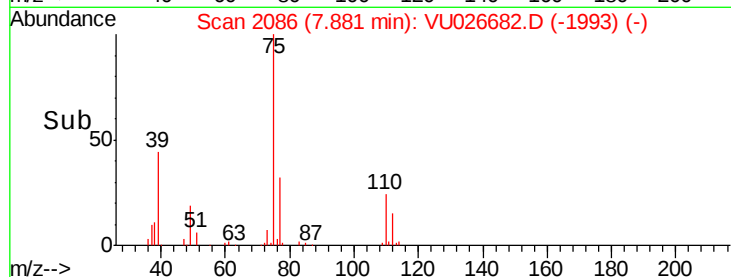
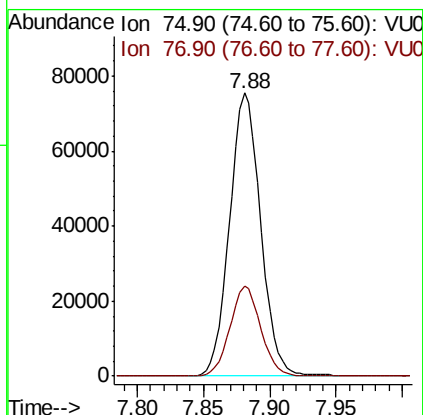
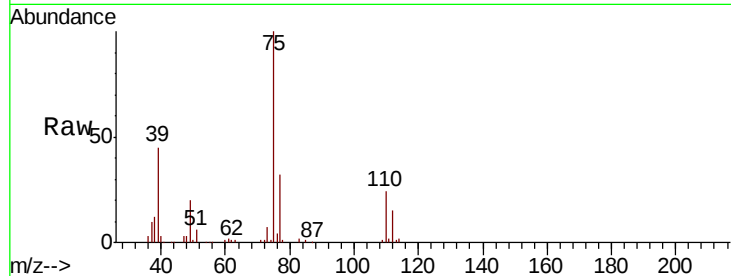




#53
 t-1,3-Dichloropropene
 Concen: 52.753 ug/l
 RT: 7.88 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

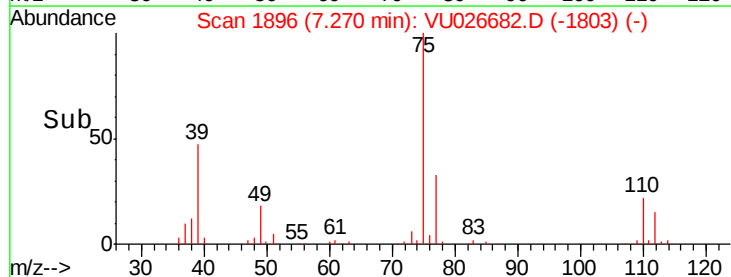
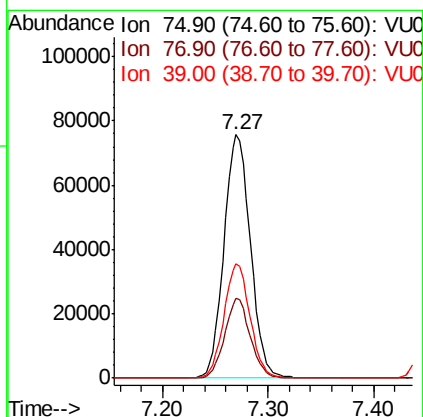
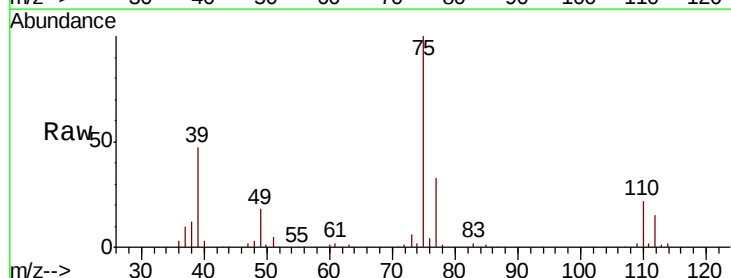
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091218

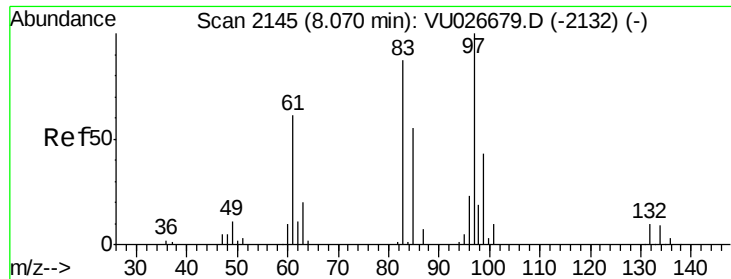
Tgt Ion: 75 Resp: 123093
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 52.251 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

Tgt Ion: 75 Resp: 130919
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.5 38.3
 39 47.2 37.0 55.6

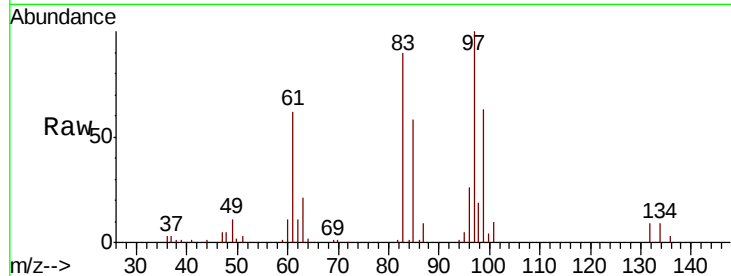




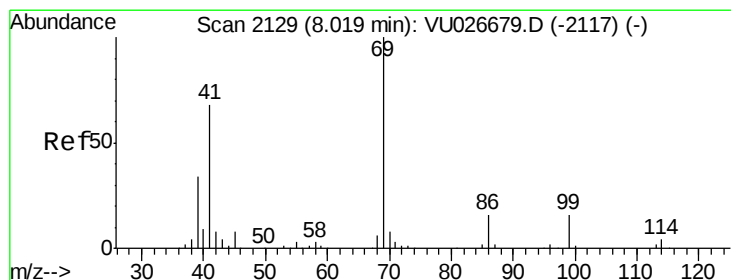
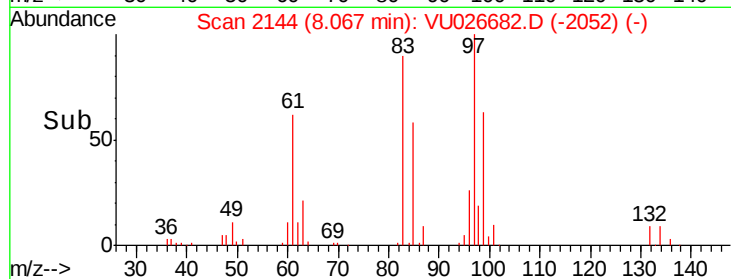
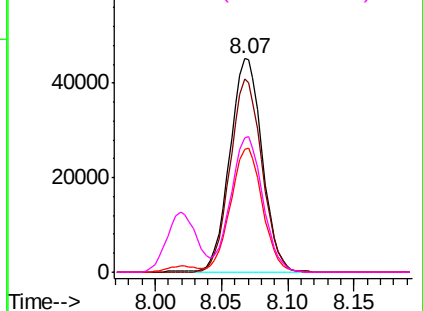
#55
 1,1,2-Trichloroethane
 Concen: 49.363 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091218

Tgt Ion:	97	Resp:	76721
Ion	Ratio	Lower	Upper
97	100		
83	90.5	69.3	103.9
85	57.8	45.9	68.9
99	63.2	50.1	75.1

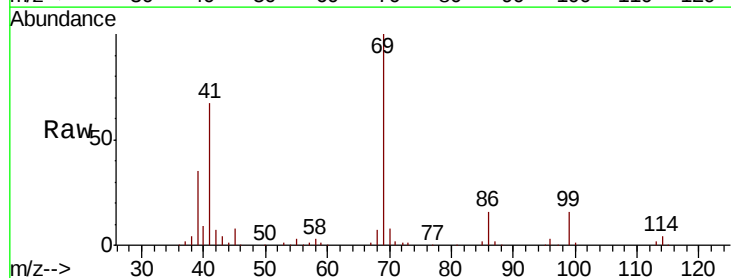


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

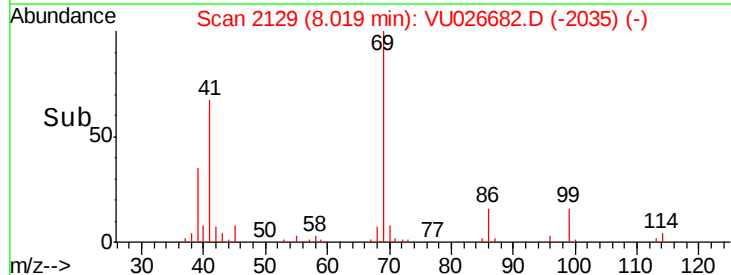
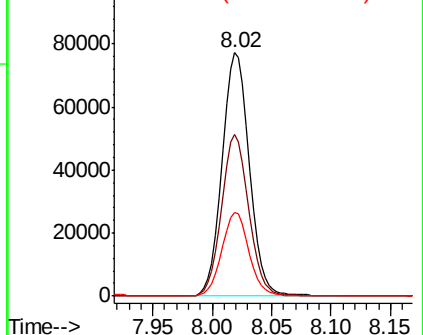


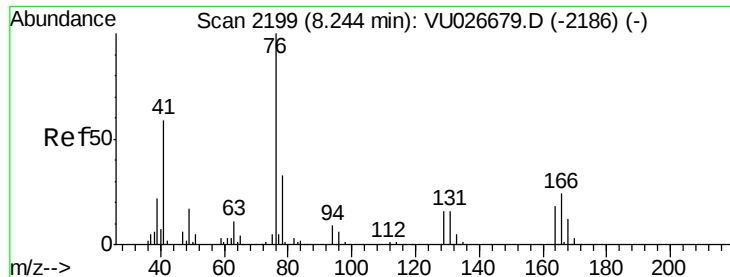
#56
 Ethyl methacrylate
 Concen: 47.092 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

Tgt Ion:	69	Resp:	122837
Ion	Ratio	Lower	Upper
69	100		
41	66.3	54.2	81.2
39	34.6	28.4	42.6



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

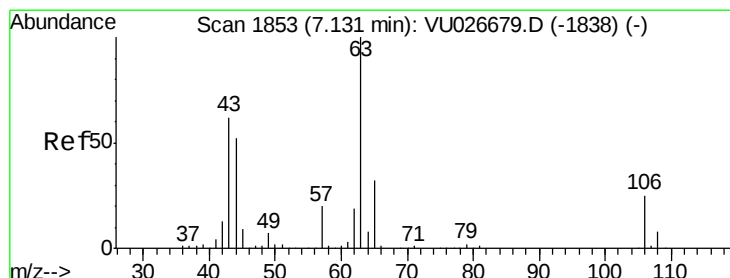
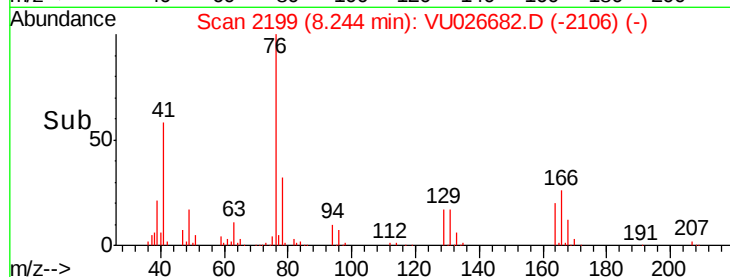
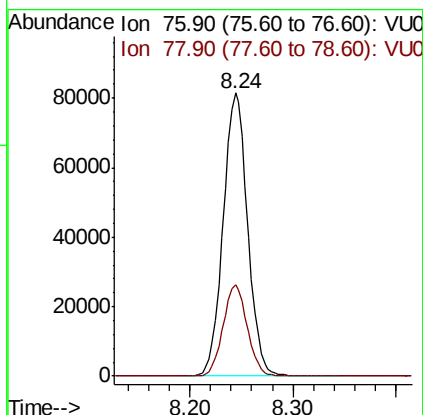
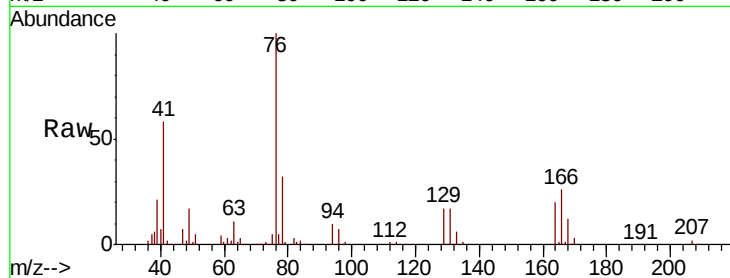




#57
 1,3-Dichloropropane
 Concen: 50.717 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

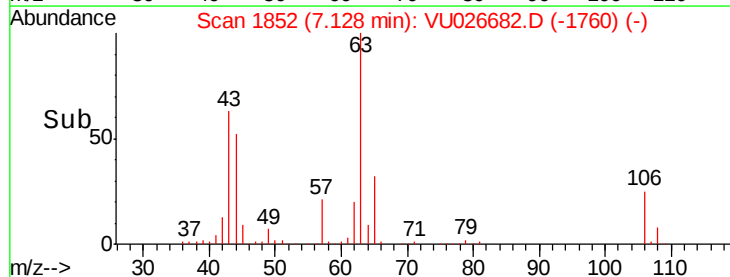
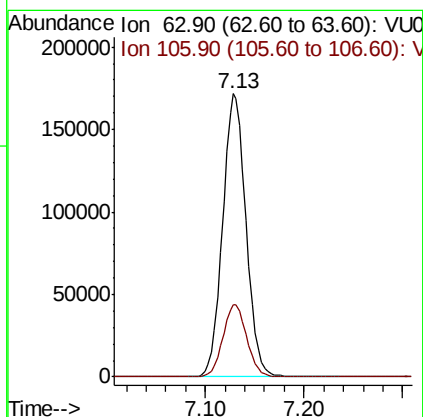
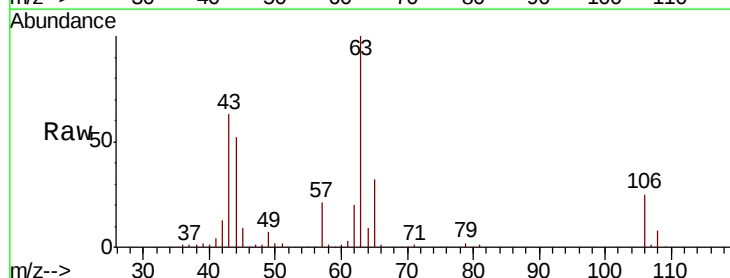
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091218

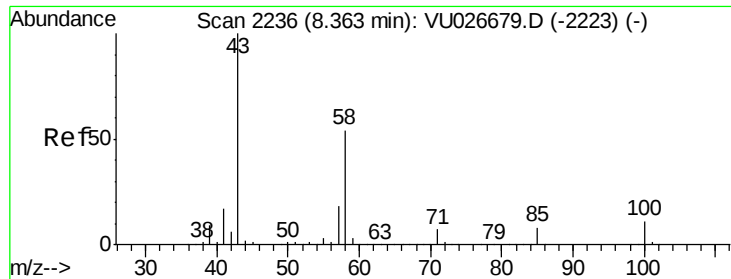
Tgt Ion: 76 Resp: 134351
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 229.723 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

Tgt Ion: 63 Resp: 285478
 Ion Ratio Lower Upper
 63 100
 106 25.8 20.5 30.7

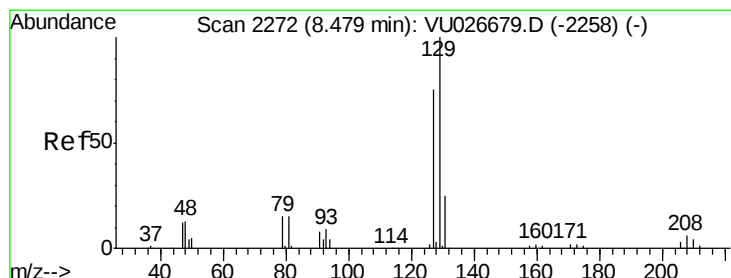
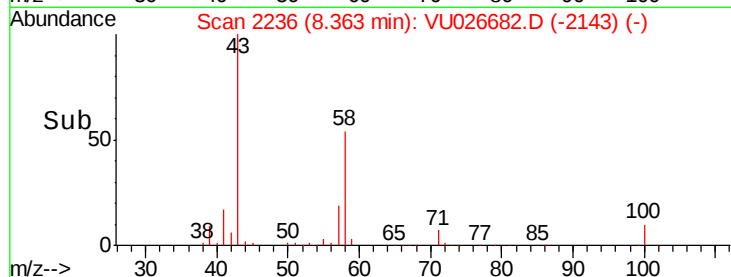
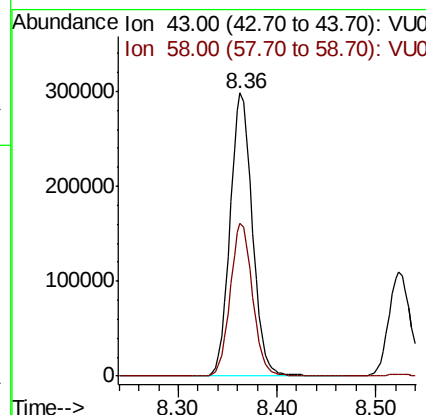
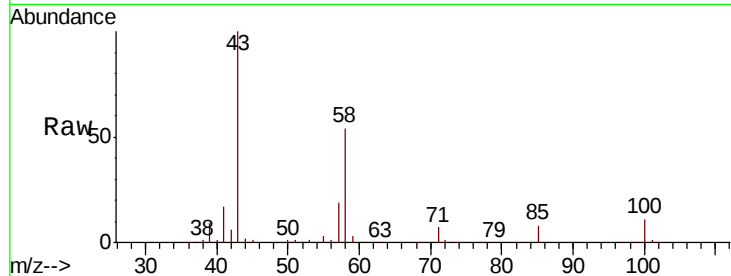




#59
 2-Hexanone
 Concen: 251.148 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

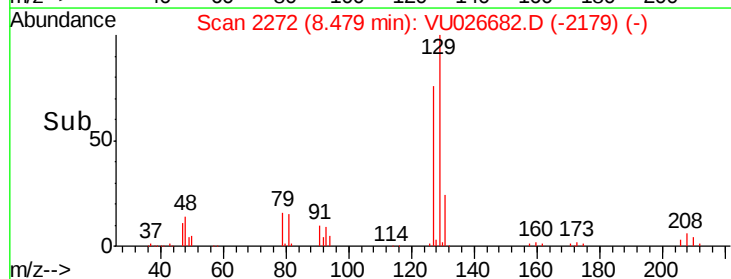
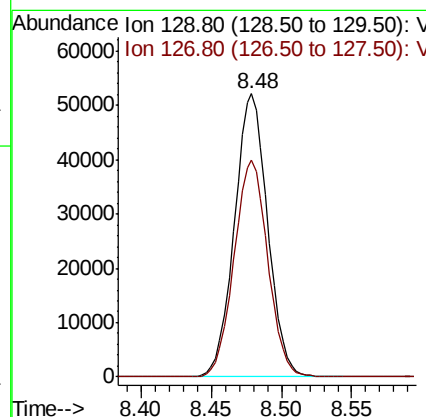
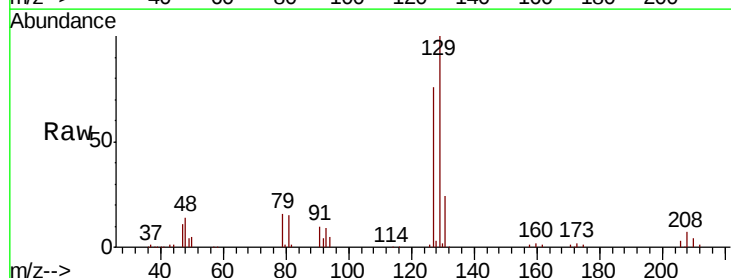
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091218

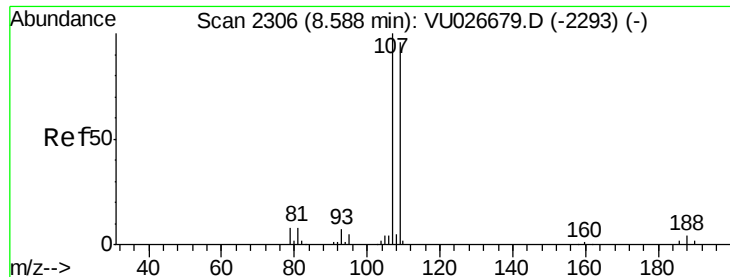
Tgt Ion: 43 Resp: 474701
 Ion Ratio Lower Upper
 43 100
 58 54.2 26.9 80.7



#60
 Dibromochloromethane
 Concen: 50.984 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

Tgt Ion: 129 Resp: 85818
 Ion Ratio Lower Upper
 129 100
 127 77.5 38.3 114.9





#61

1,2-Dibromoethane

Concen: 50.055 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

Instrument :

MSVOA_U

ClientSampleId :

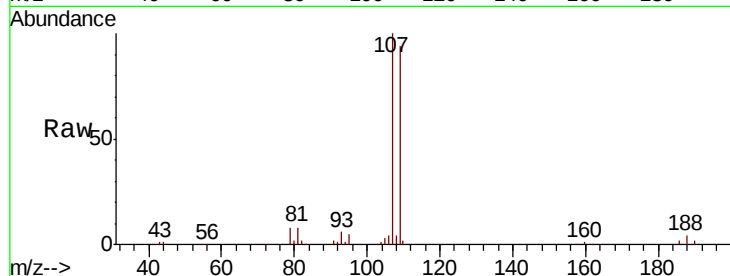
ICVVU091218

Tgt Ion: 107 Resp: 84411

Ion Ratio Lower Upper

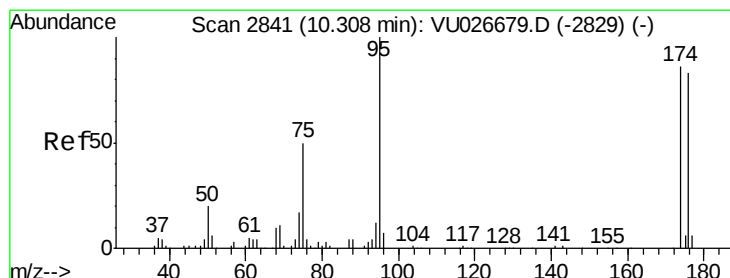
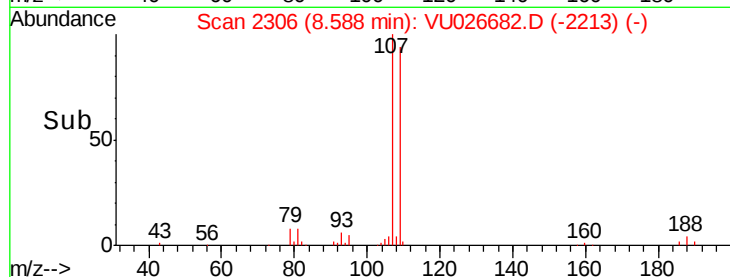
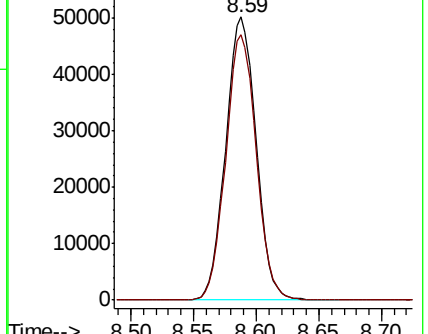
107 100

109 94.1 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.328 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

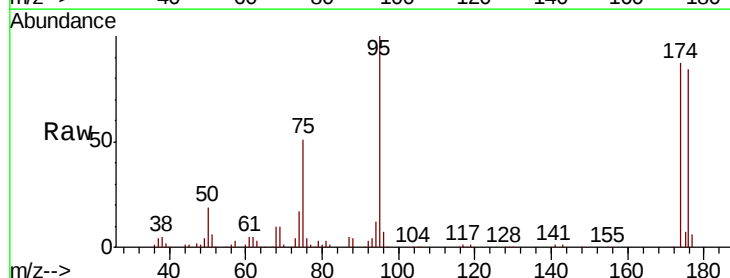
Tgt Ion: 95 Resp: 96113

Ion Ratio Lower Upper

95 100

174 86.5 0.0 172.8

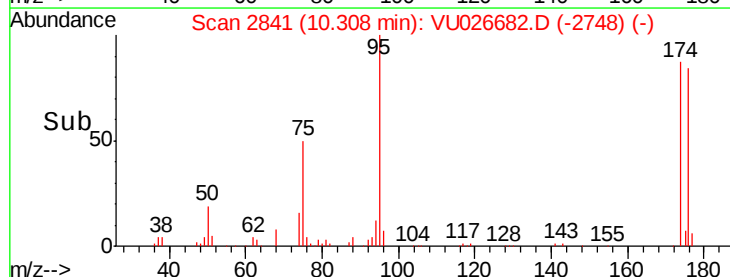
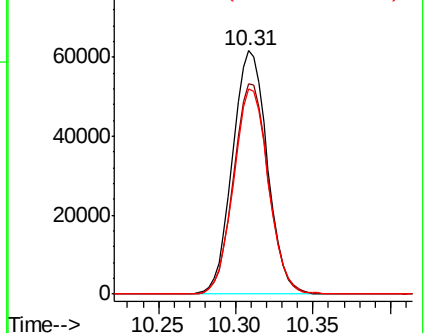
176 84.3 0.0 168.6

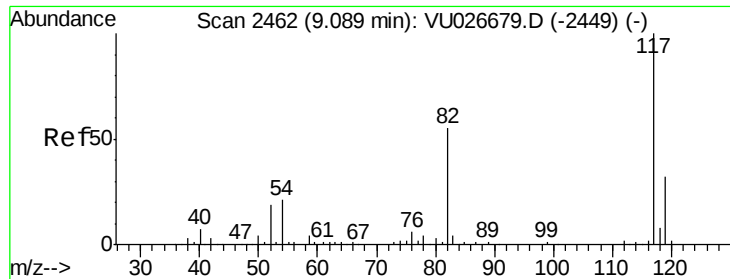


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

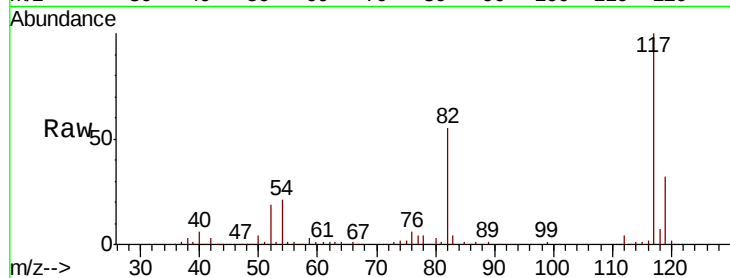




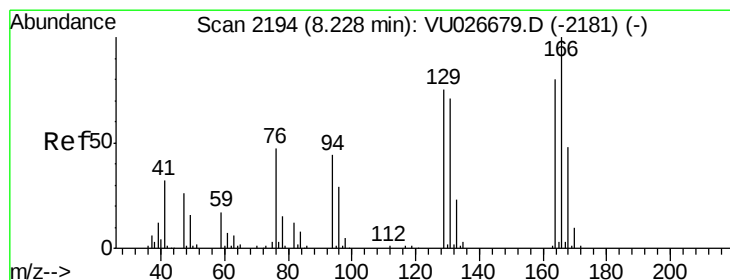
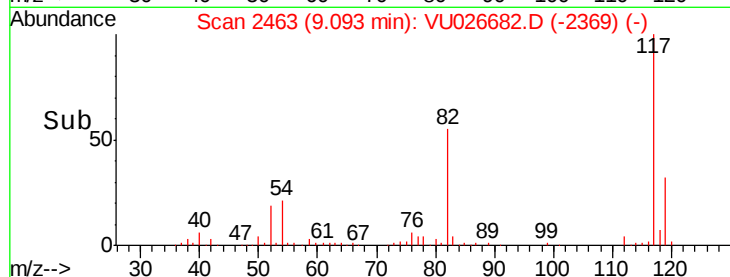
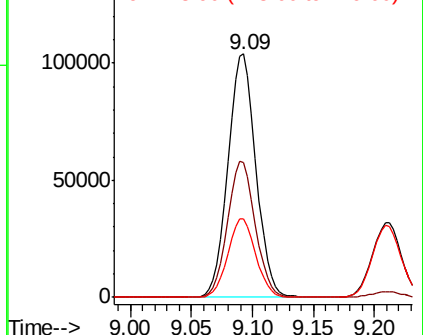
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091218

Tgt Ion:117 Resp: 166586
Ion Ratio Lower Upper
117 100
82 55.4 44.1 66.1
119 32.0 25.7 38.5



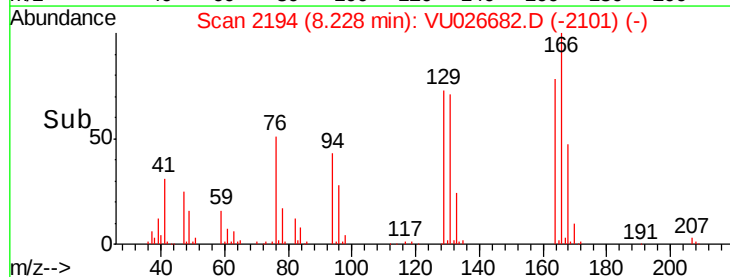
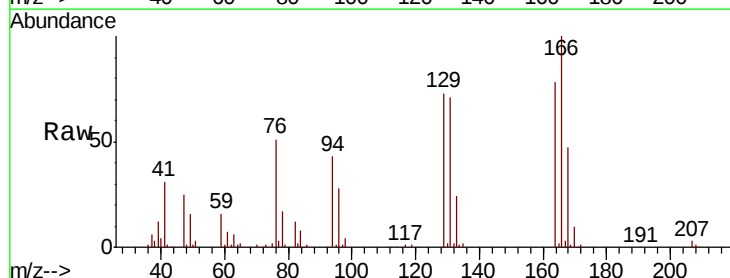
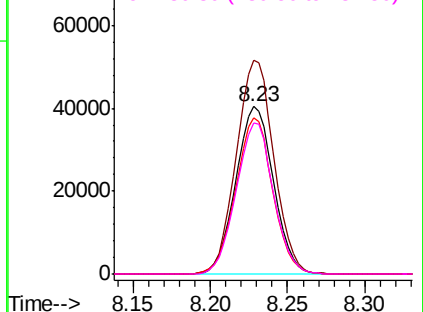
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

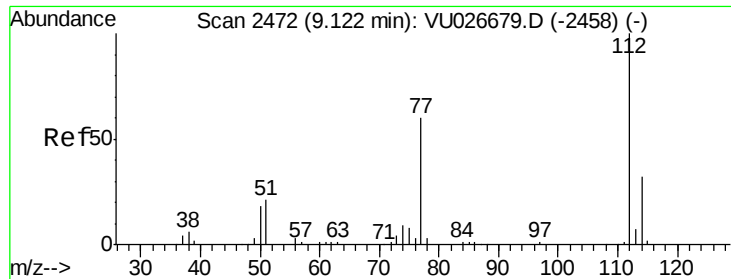


#64
Tetrachloroethene
Concen: 51.560 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

Tgt Ion:164 Resp: 68362
Ion Ratio Lower Upper
164 100
166 127.7 100.5 150.7
129 93.5 75.3 112.9
131 90.1 71.4 107.2

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

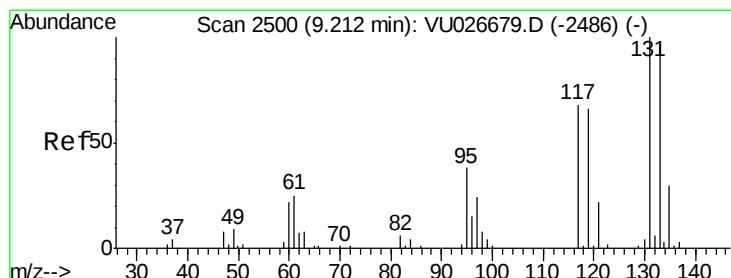
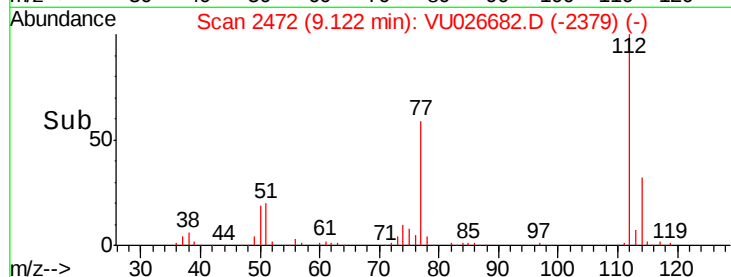
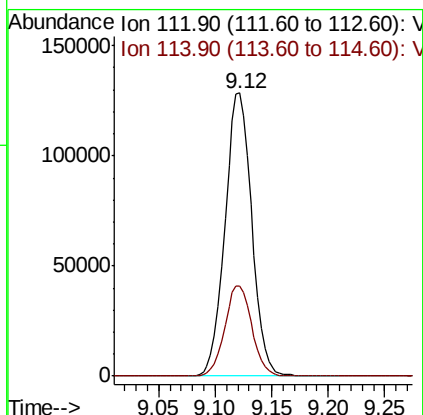
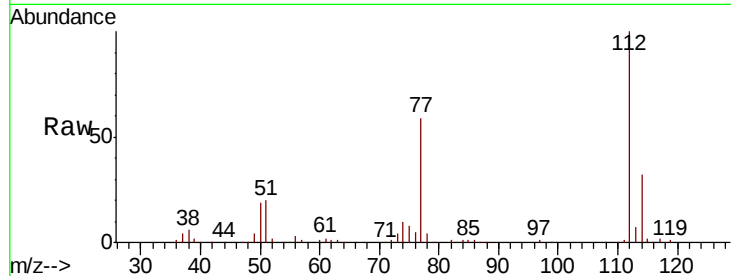




#65
Chlorobenzene
Concen: 51.080 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

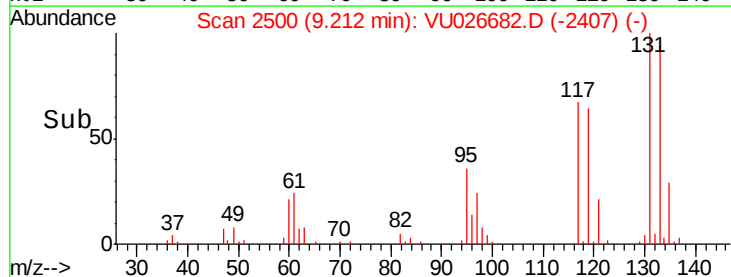
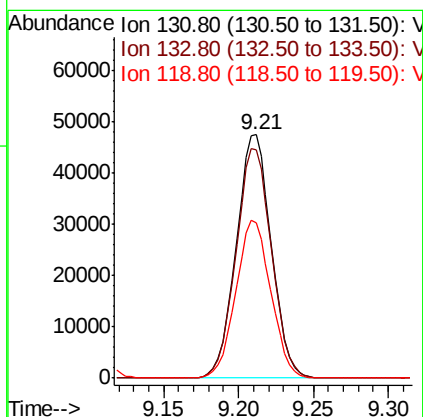
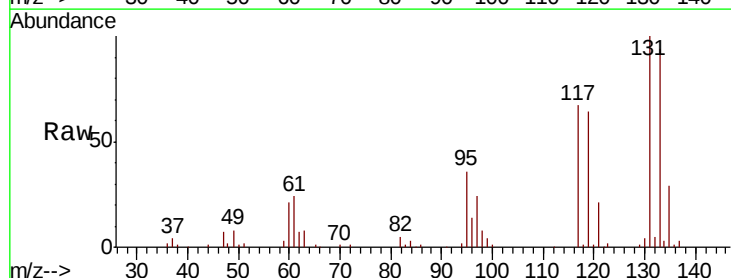
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091218

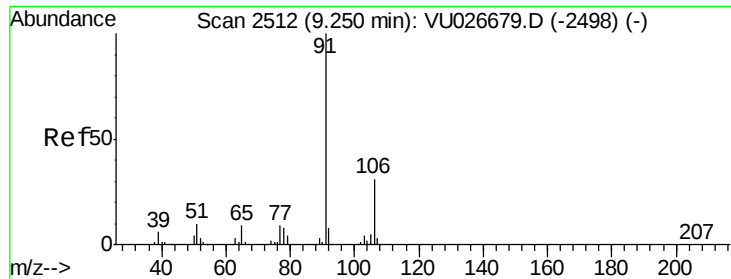
Tgt Ion:112 Resp: 211406
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.801 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

Tgt Ion:131 Resp: 77359
Ion Ratio Lower Upper
131 100
133 95.8 48.9 146.6
119 64.8 32.7 98.1

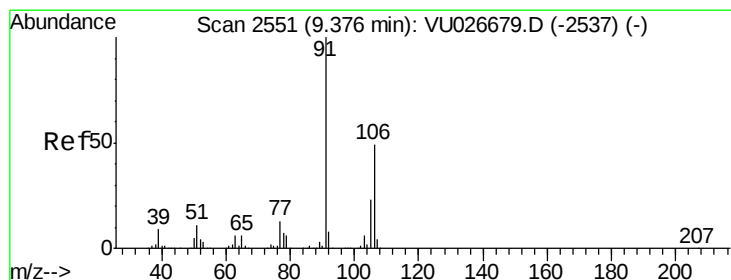
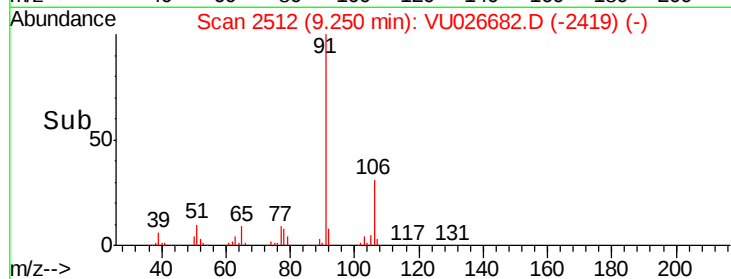
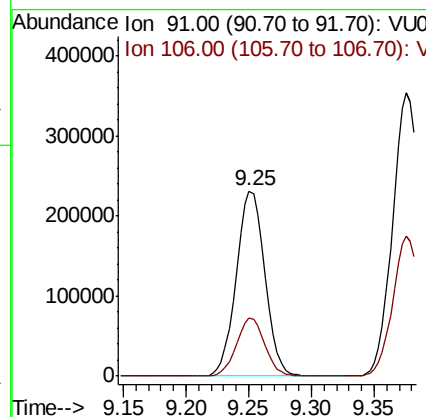
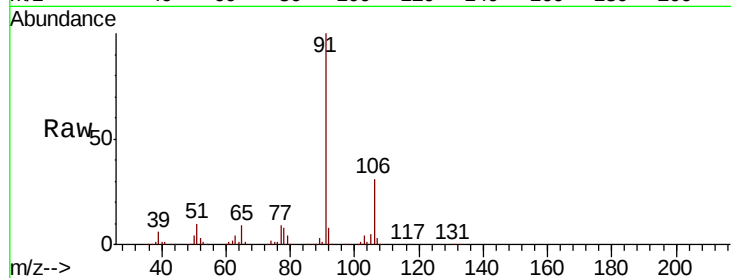




#67
 Ethyl Benzene
 Concen: 53.641 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

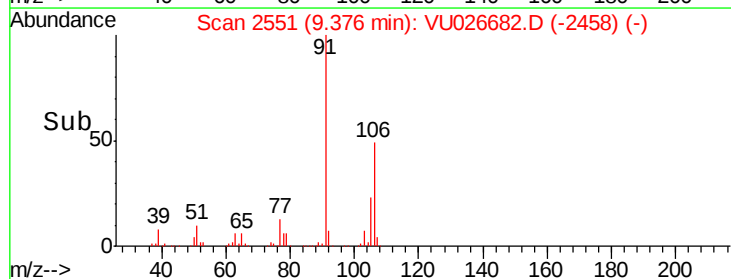
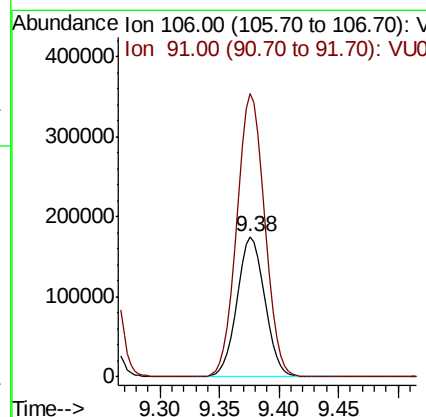
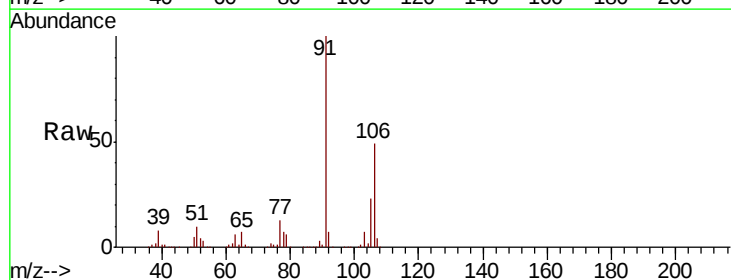
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091218

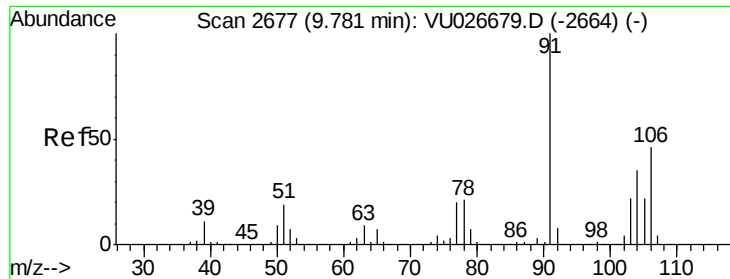
Tgt Ion: 91 Resp: 365707
 Ion Ratio Lower Upper
 91 100
 106 31.2 25.0 37.4



#68
 m/p-Xylenes
 Concen: 109.305 ug/l
 RT: 9.38 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

Tgt Ion: 106 Resp: 283480
 Ion Ratio Lower Upper
 106 100
 91 203.1 162.1 243.1

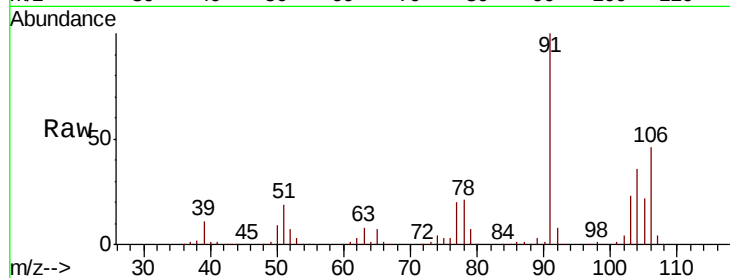




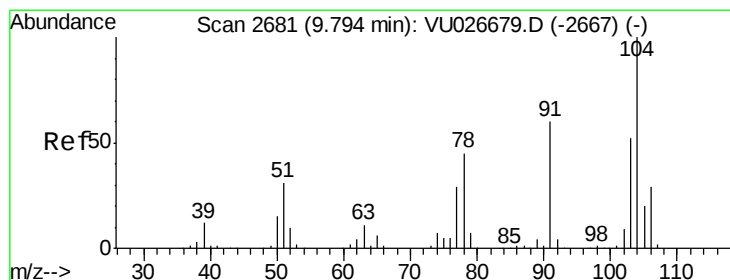
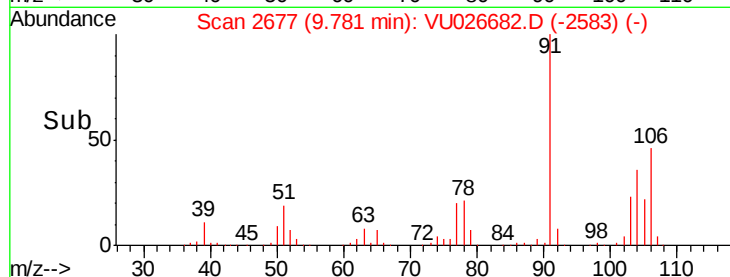
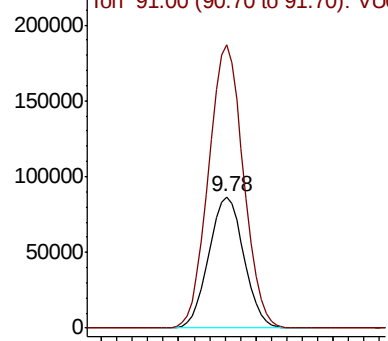
#69
o-Xylene
Concen: 49.375 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091218

Tgt Ion:106 Resp: 136769
Ion Ratio Lower Upper
106 100
91 214.4 106.9 320.8

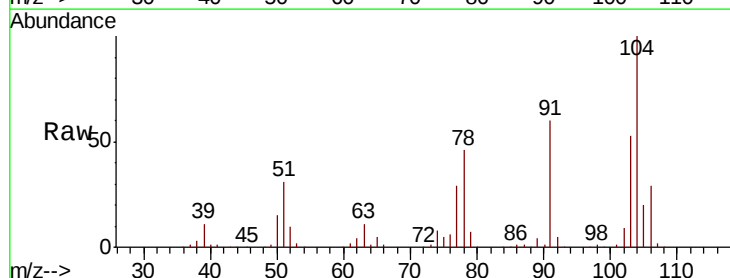


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

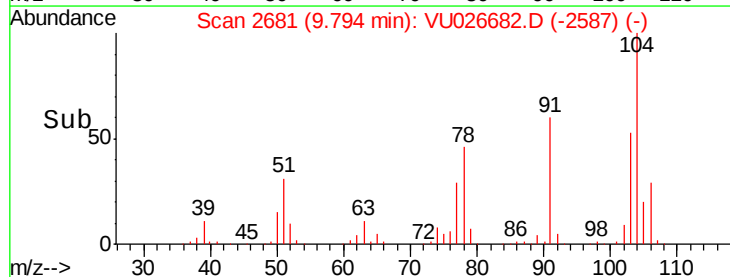
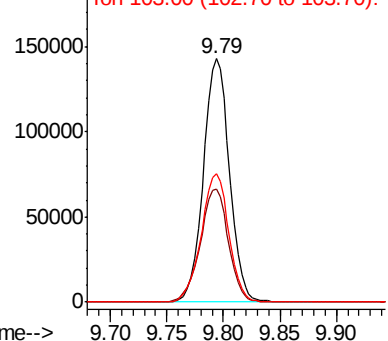


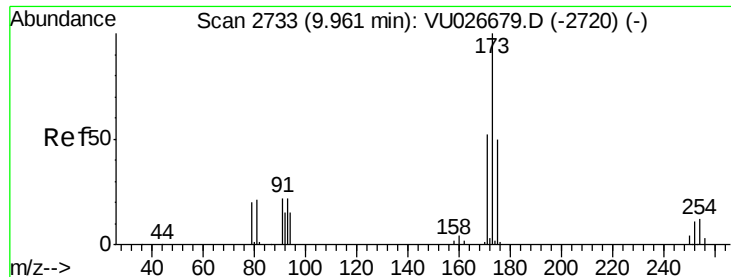
#70
Styrene
Concen: 49.185 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

Tgt Ion:104 Resp: 229442
Ion Ratio Lower Upper
104 100
78 50.0 39.4 59.2
103 55.7 44.5 66.7



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





#71

Bromoform

Concen: 51.925 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

Instrument :

MSVOA_U

ClientSampled :

ICVVU091218

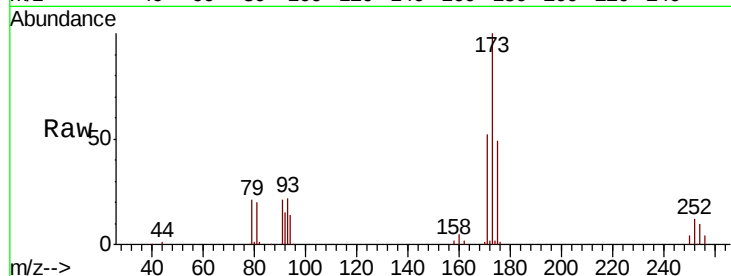
Tgt Ion:173 Resp: 68770

Ion Ratio Lower Upper

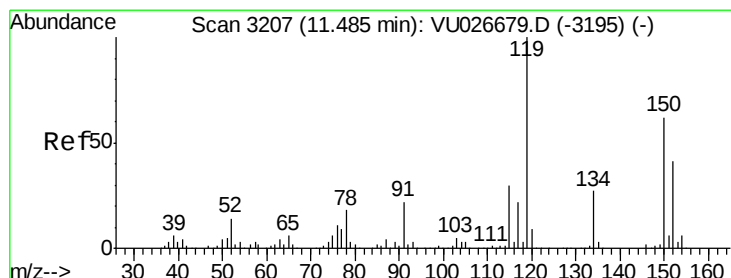
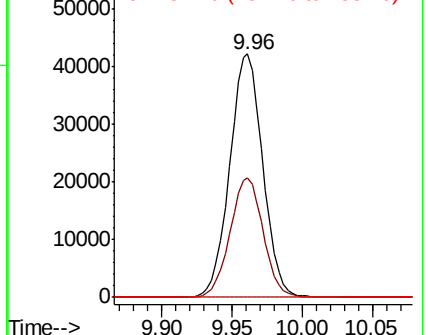
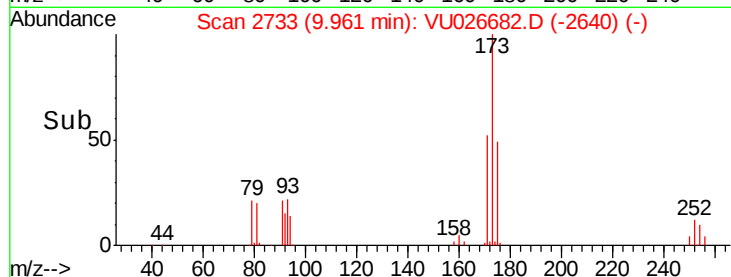
173 100

175 49.3 24.7 74.1

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

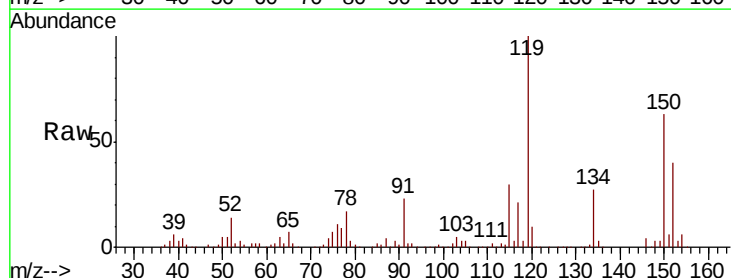
Tgt Ion:152 Resp: 102193

Ion Ratio Lower Upper

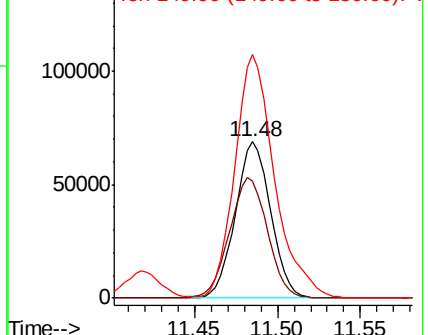
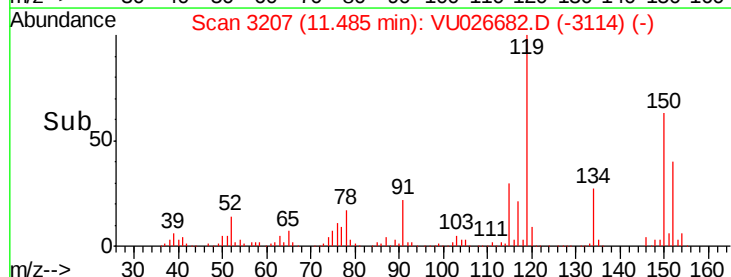
152 100

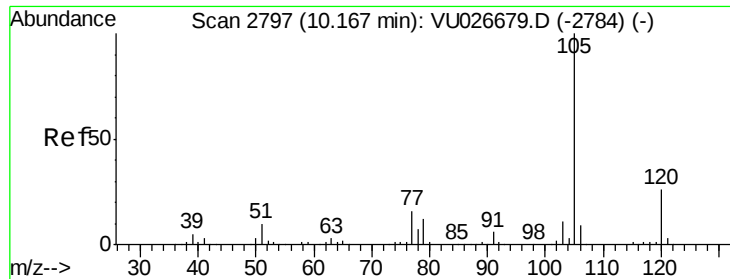
115 82.6 40.4 121.1

150 175.4 0.0 345.2



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





#73

Isopropylbenzene

Concen: 53.269 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

Instrument :

MSVOA_U

ClientSampleId :

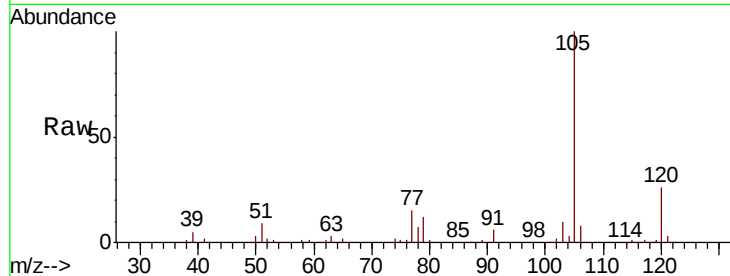
ICVVU091218

Tgt Ion: 105 Resp: 370959

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

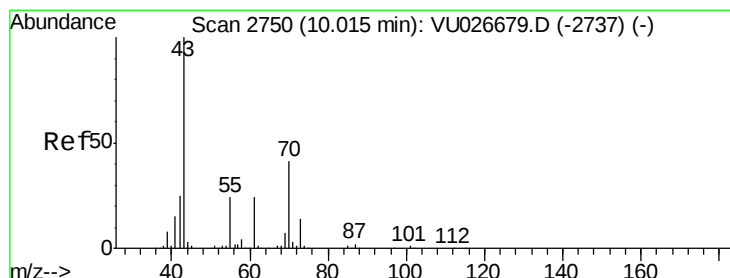
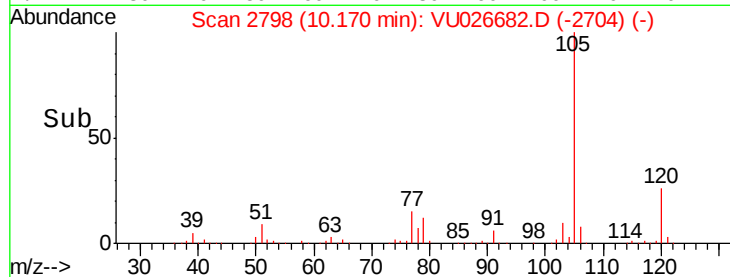
0

10.10

10.17

10.20

Time-->



#74

N-ethyl acetate

Concen: 52.786 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

Tgt Ion: 43 Resp: 173544

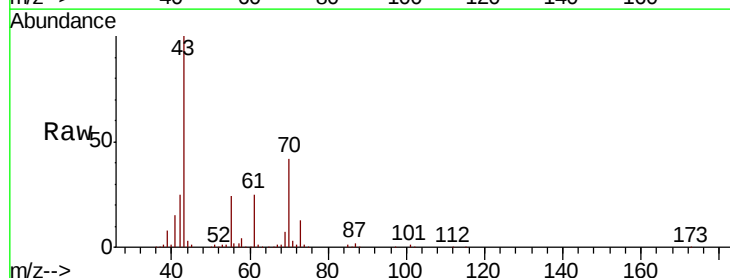
Ion Ratio Lower Upper

43 100

70 41.0 32.6 48.8

55 24.4 19.1 28.7

61 24.1 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

150000

100000

50000

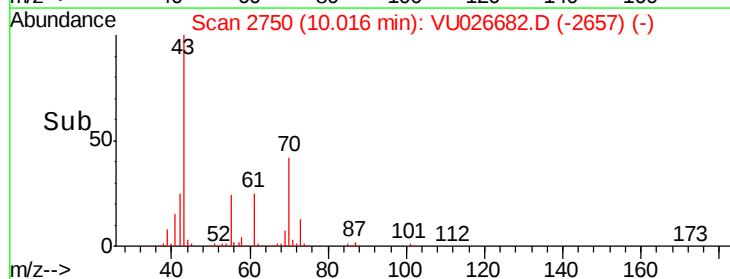
0

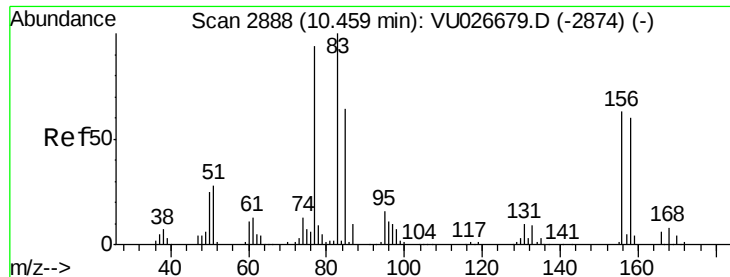
10.00

10.02

10.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.783 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091218

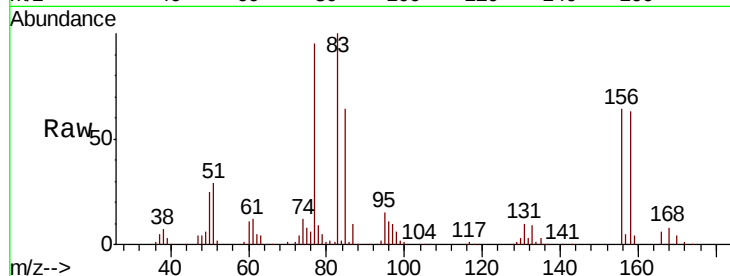
Tgt Ion: 83 Resp: 132773

Ion Ratio Lower Upper

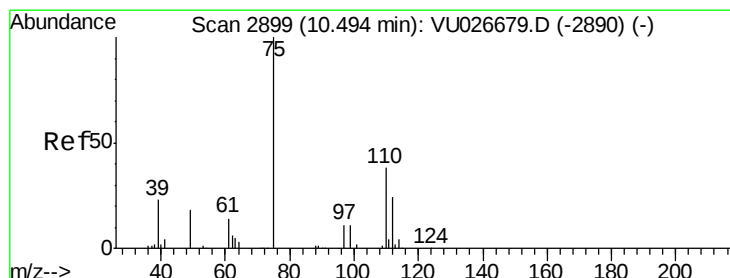
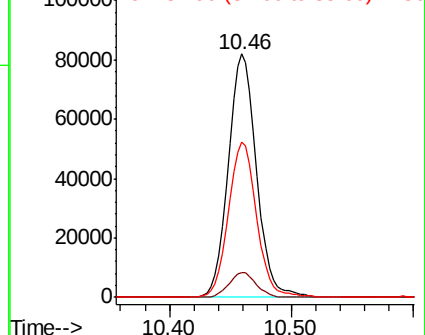
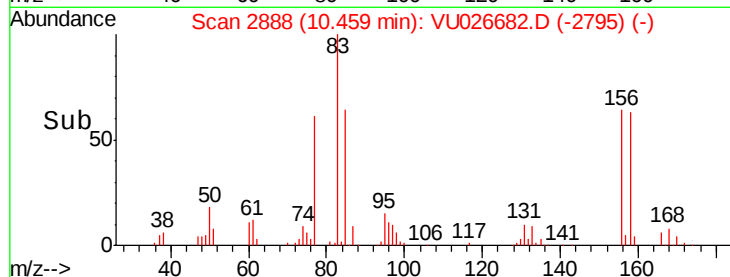
83 100

131 9.8 4.9 14.6

85 64.0 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VU026682.D (-2795) (-)



#76

1,2,3-Trichloropropane

Concen: 66.579 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU026682.D

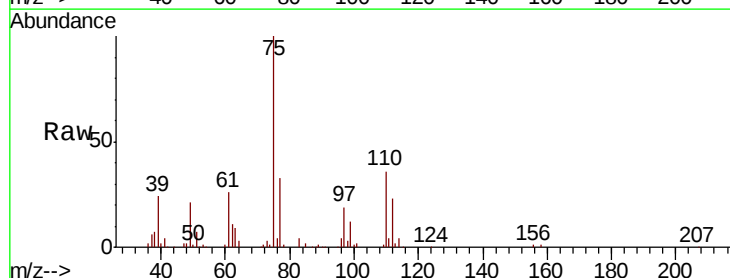
Acq: 11 Sep 2018 13:13

Tgt Ion: 75 Resp: 152412

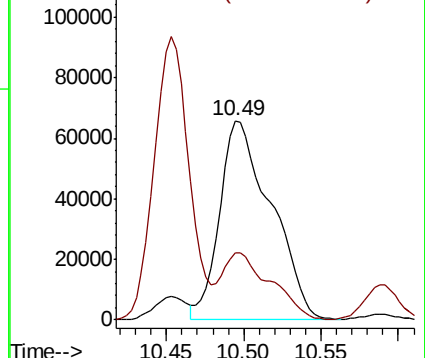
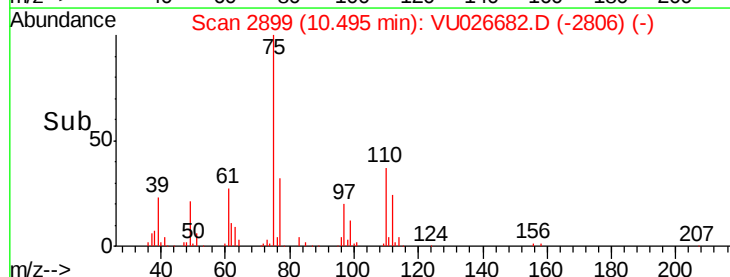
Ion Ratio Lower Upper

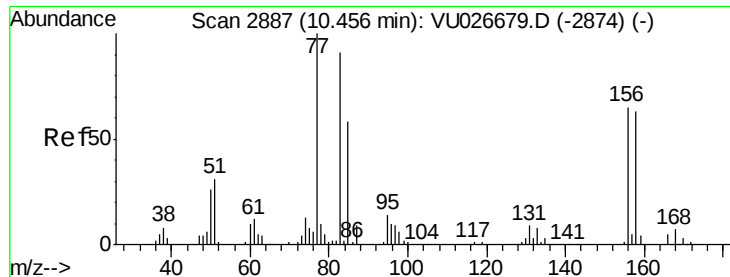
75 100

77 30.9 21.1 63.1



Abundance Ion 74.90 (74.60 to 75.60): VU026682.D (-2806) (-)





#77

Bromobenzene

Concen: 50.341 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091218

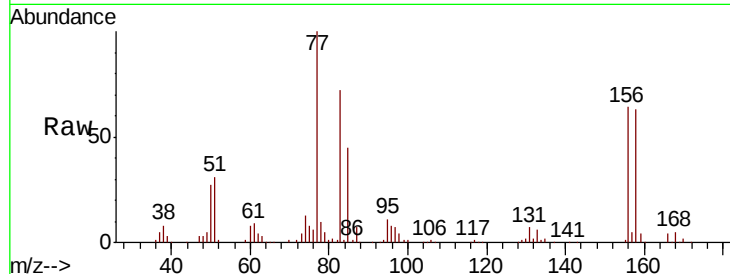
Tgt Ion:156 Resp: 95279

Ion Ratio Lower Upper

156 100

77 154.3 77.6 232.9

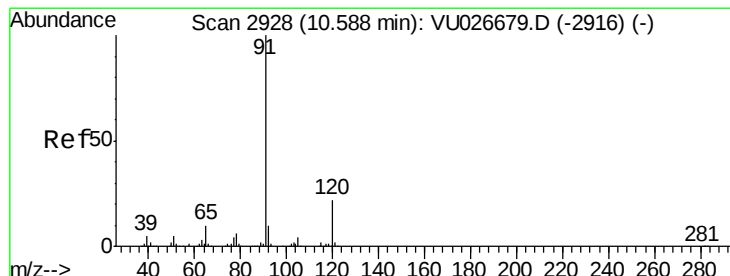
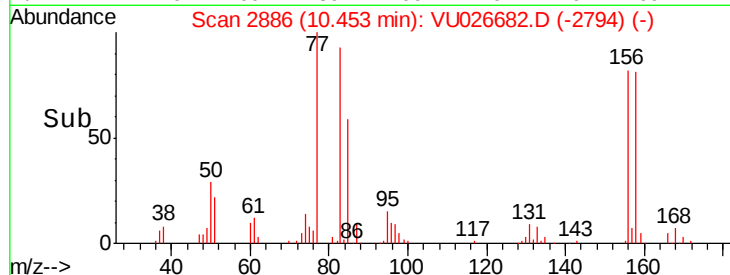
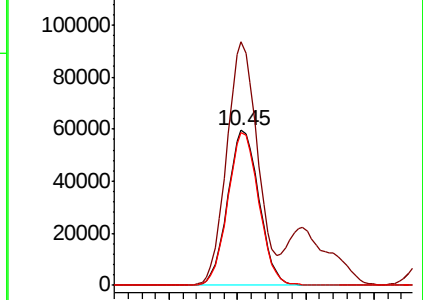
158 97.6 48.9 146.6



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: 55.084 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU026682.D

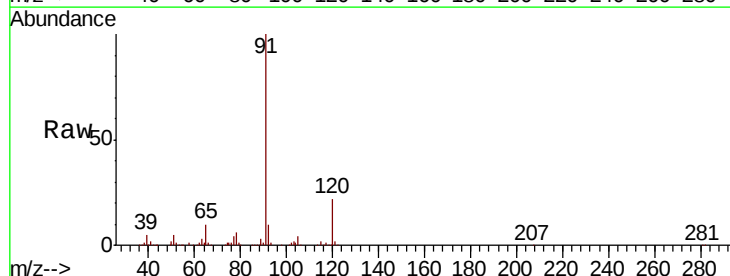
Acq: 11 Sep 2018 13:13

Tgt Ion: 91 Resp: 446149

Ion Ratio Lower Upper

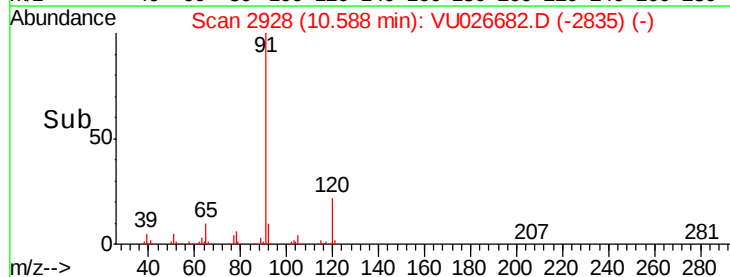
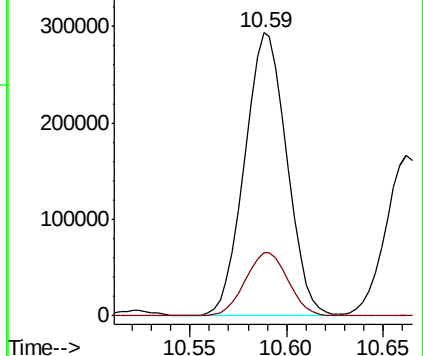
91 100

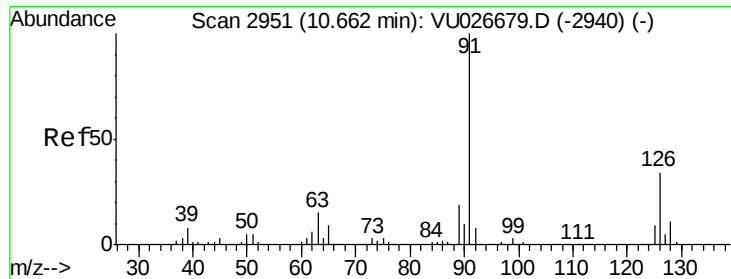
120 22.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

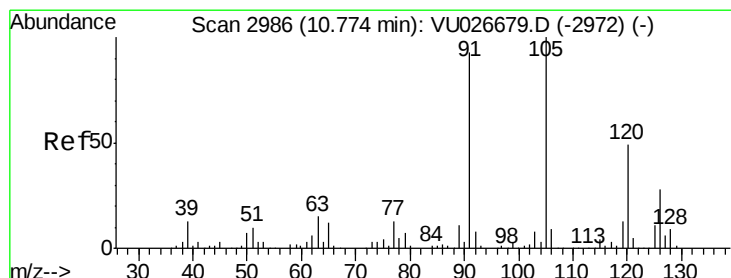
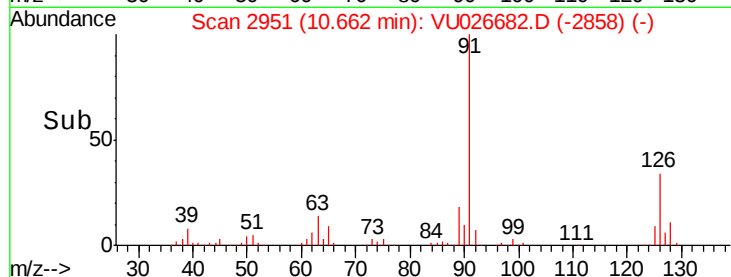
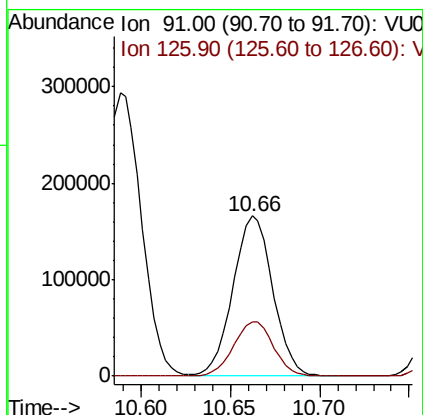
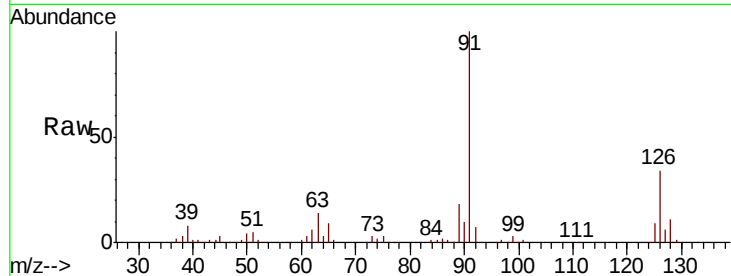




#79
 2-Chlorotoluene
 Concen: 51.355 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

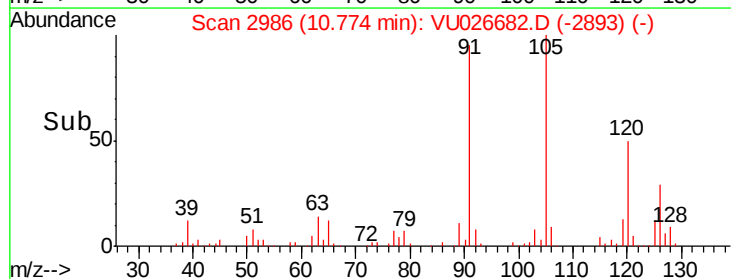
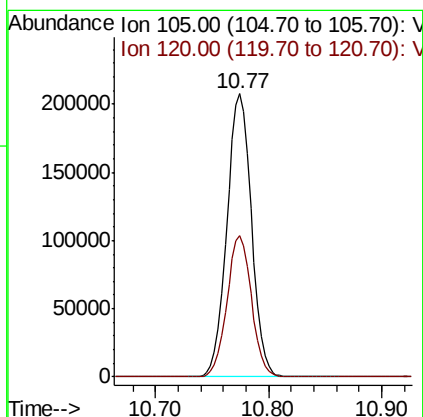
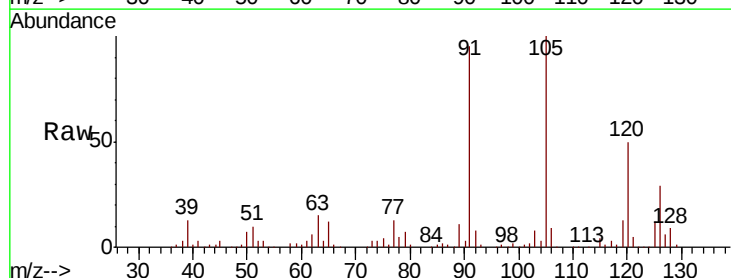
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091218

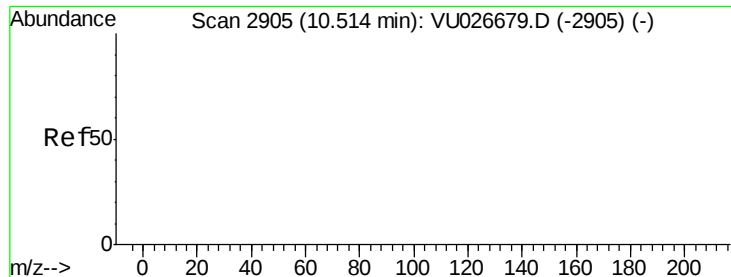
Tgt Ion: 91 Resp: 257847
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 53.576 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

Tgt Ion: 105 Resp: 313606
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 144.761 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091218

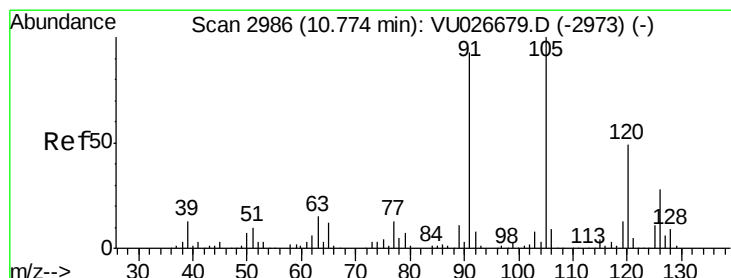
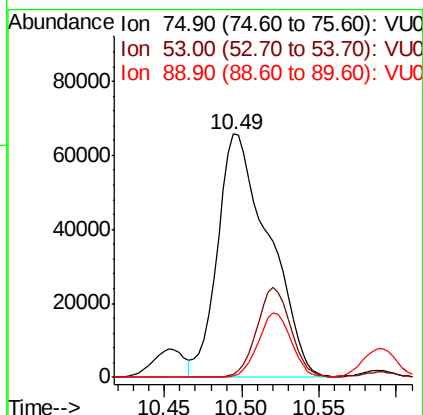
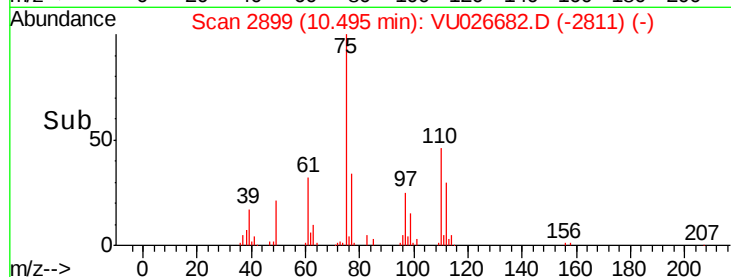
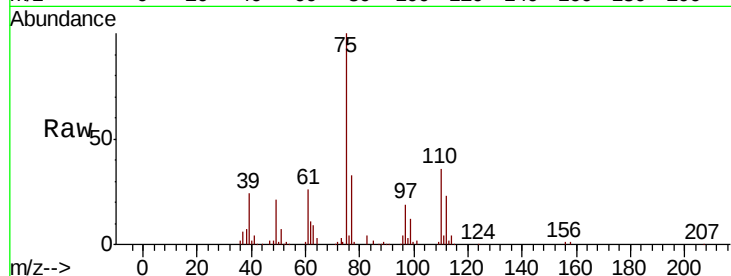
Tgt Ion: 75 Resp: 152412

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 54.088 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU026682.D

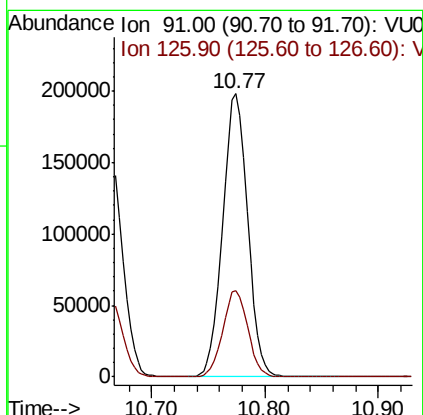
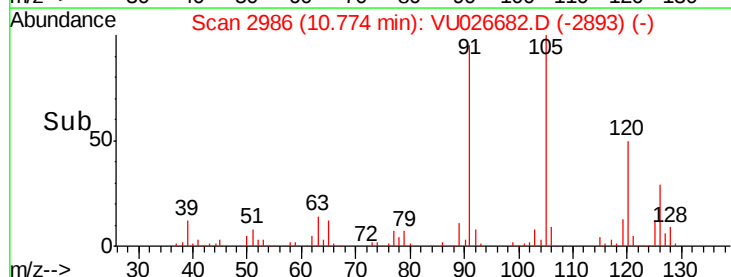
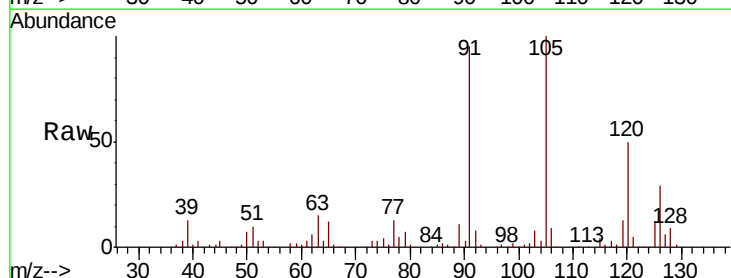
Acq: 11 Sep 2018 13:13

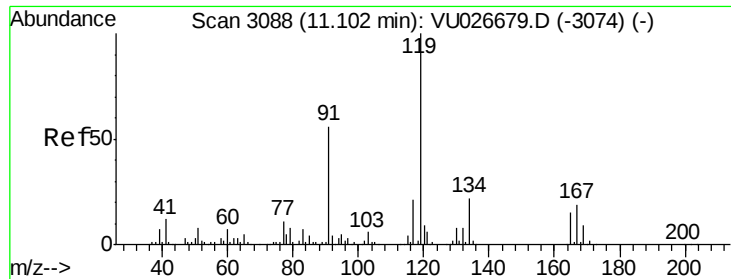
Tgt Ion: 91 Resp: 305120

Ion Ratio Lower Upper

91 100

126 30.5 15.2 45.5

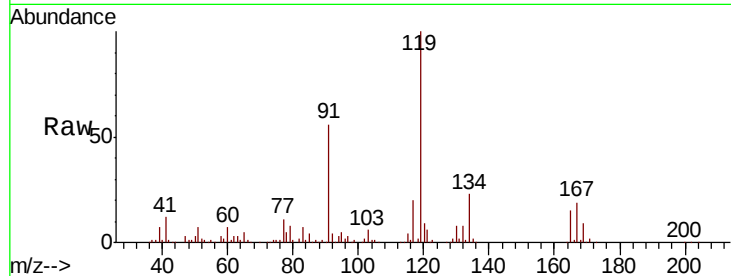




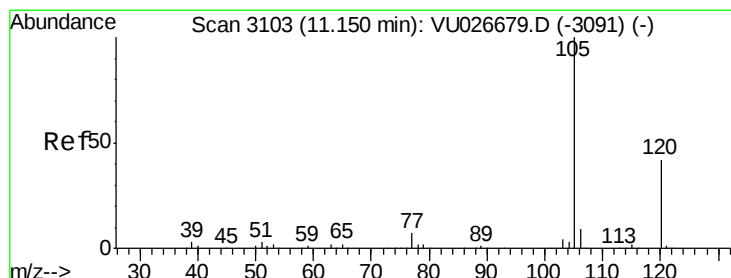
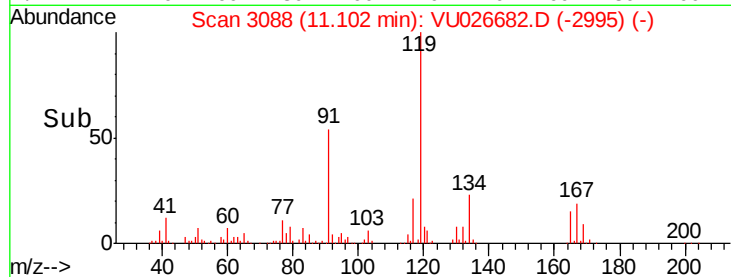
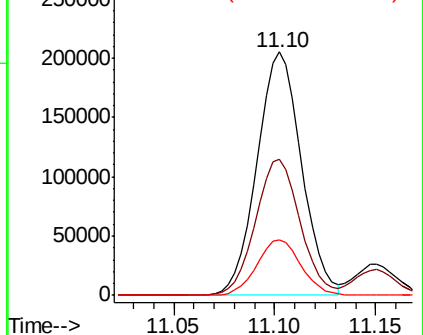
#83
tert-Butylbenzene
Concen: 53.091 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091218

Tgt Ion:119 Resp: 315376
Ion Ratio Lower Upper
119 100
91 56.1 28.3 85.0
134 22.6 11.2 33.5

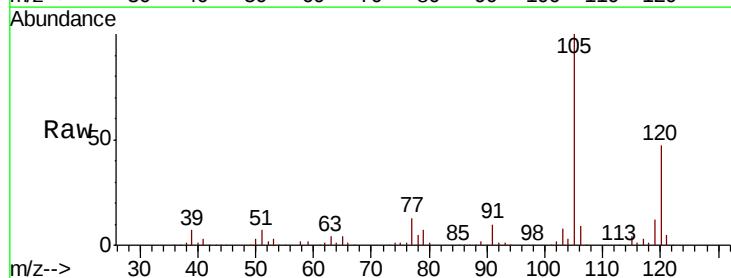


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VU0
Ion 134.00 (133.70 to 134.70): V

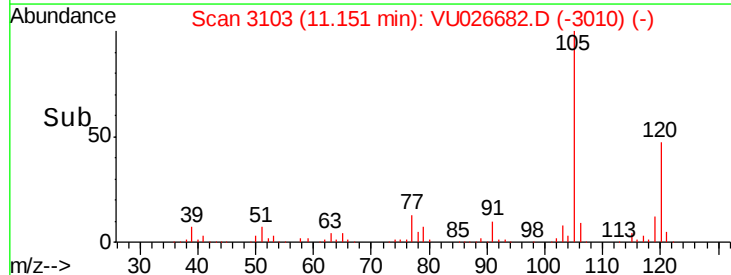
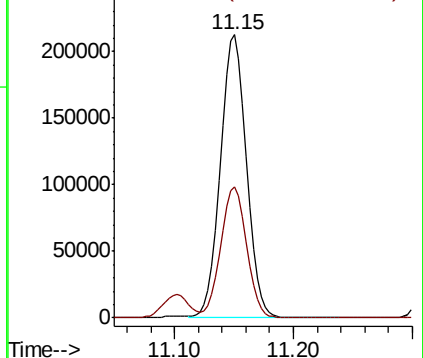


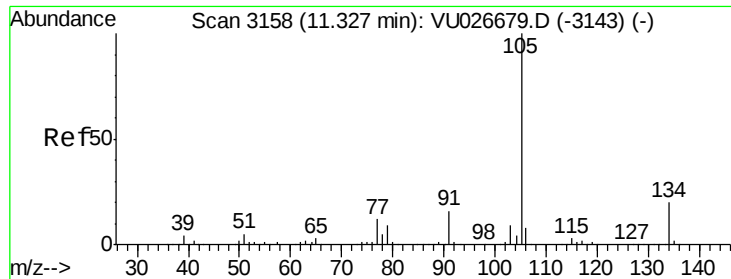
#84
1,2,4-Trimethylbenzene
Concen: 54.523 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

Tgt Ion:105 Resp: 321896
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.8



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

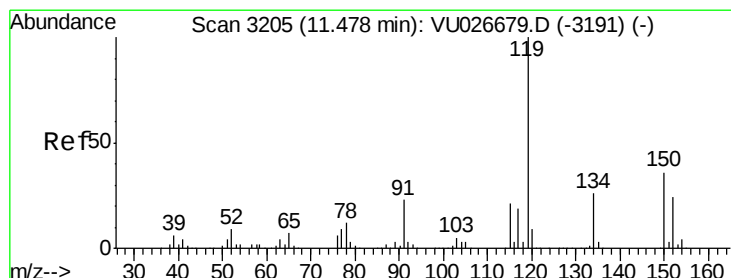
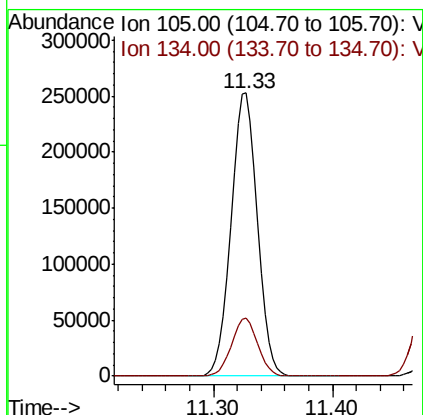
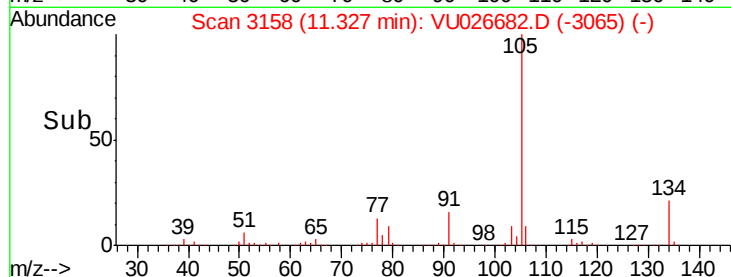
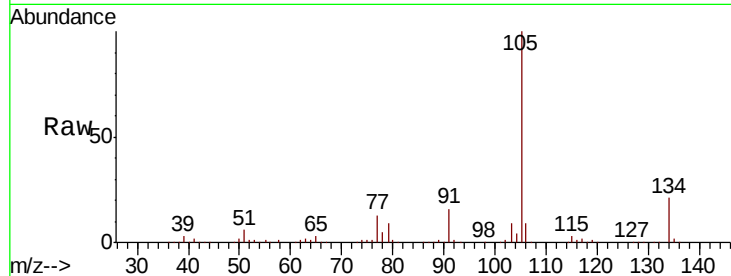




#85
 sec-Butylbenzene
 Concen: 54.721 ug/l
 RT: 11.33 min Scan# 3158
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

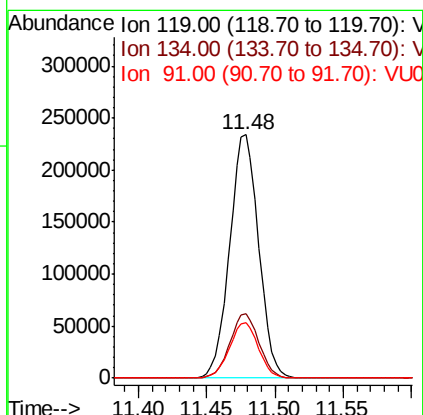
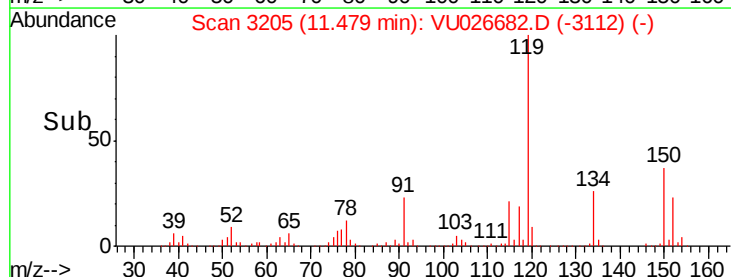
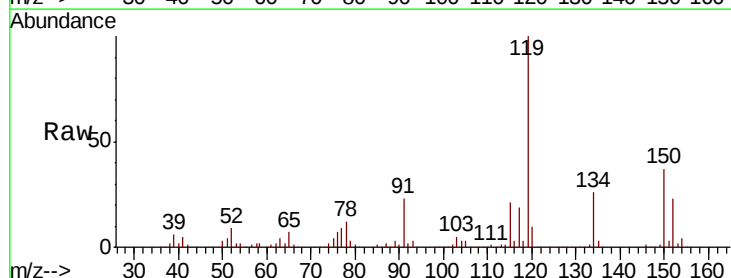
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091218

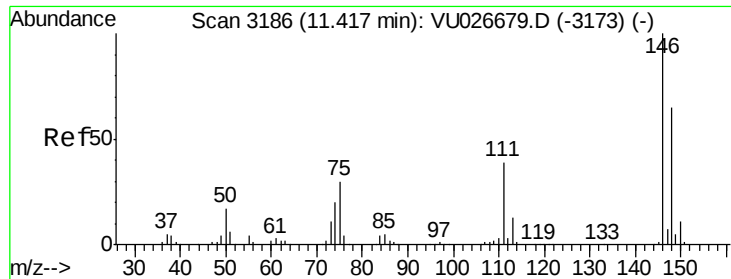
Tgt Ion:105 Resp: 386024
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 50.704 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

Tgt Ion:119 Resp: 343964
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 23.0 11.6 34.8

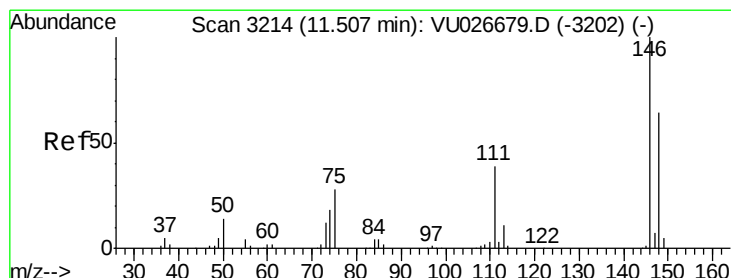
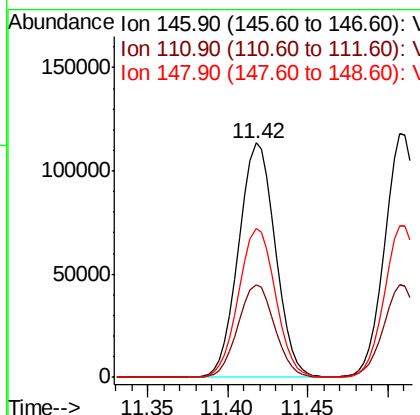
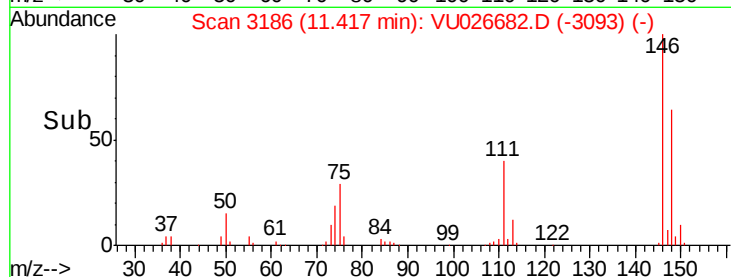
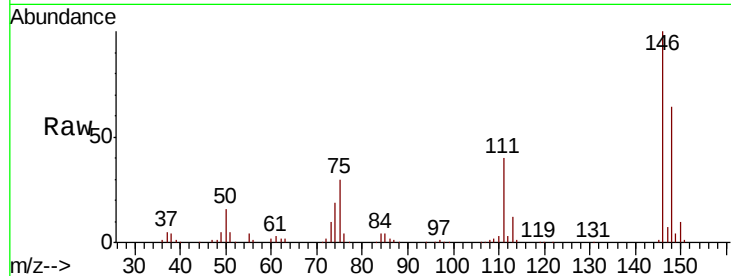




#87
 1,3-Dichlorobenzene
 Concen: 50.238 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

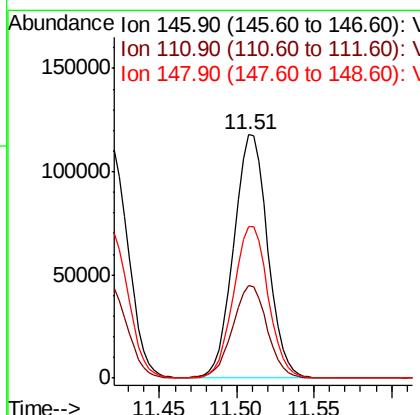
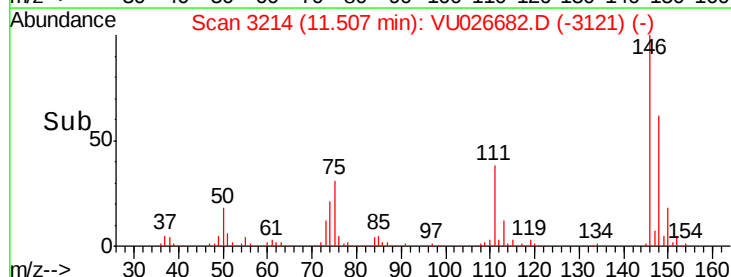
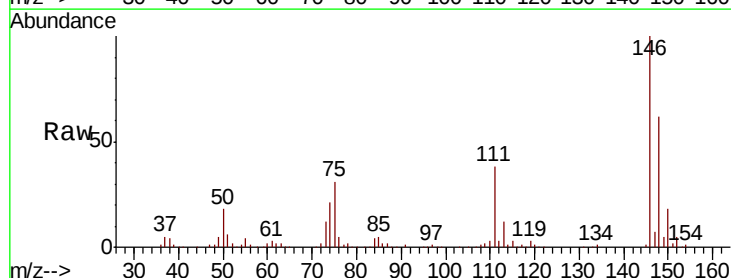
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091218

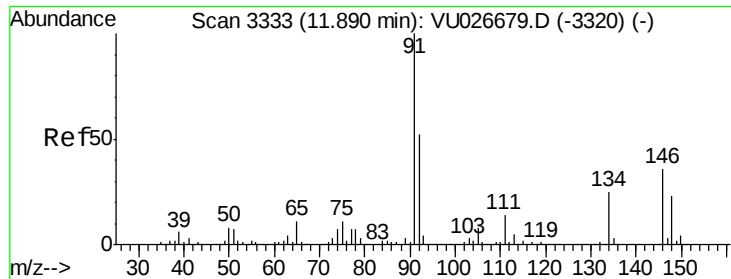
Tgt Ion:146 Resp: 177385
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.7 59.1
 148 63.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.790 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

Tgt Ion:146 Resp: 178908
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.2 57.6
 148 64.0 32.1 96.3





#89

n-Butylbenzene

Concen: 50.778 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091218

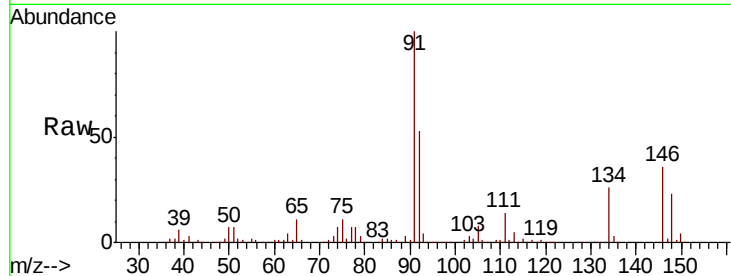
Tgt Ion: 91 Resp: 316159

Ion Ratio Lower Upper

91 100

92 52.3 25.8 77.3

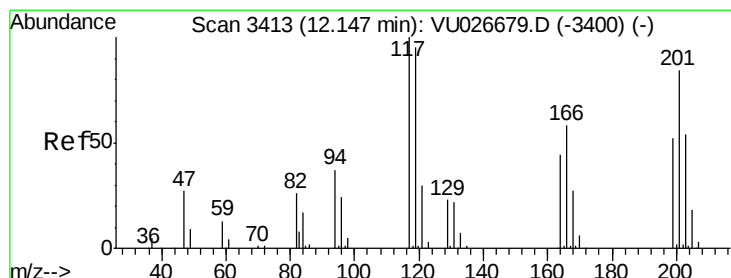
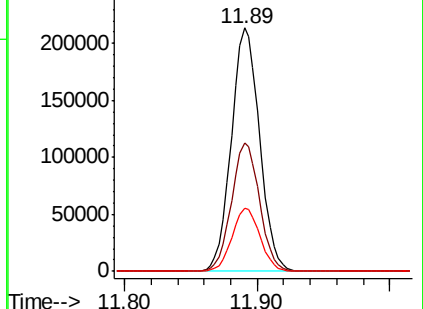
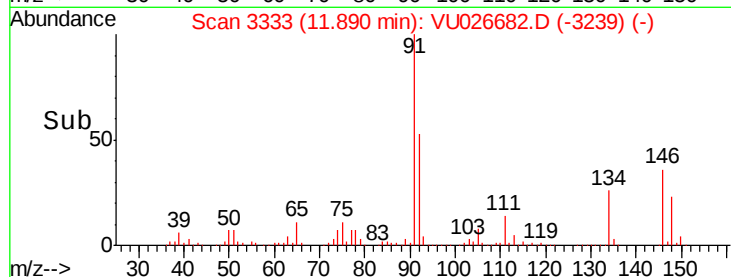
134 25.7 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): VU026682.D (-3239) (-)

Ion 92.00 (91.70 to 92.70): VU026682.D (-3239) (-)

Ion 134.00 (133.70 to 134.70): VU026682.D (-3239) (-)



#90

Hexachloroethane

Concen: 50.259 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU026682.D

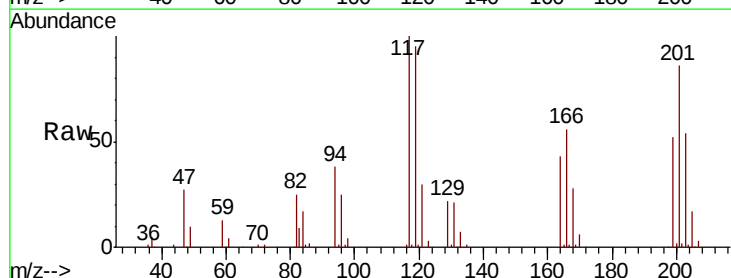
Acq: 11 Sep 2018 13:13

Tgt Ion: 117 Resp: 62563

Ion Ratio Lower Upper

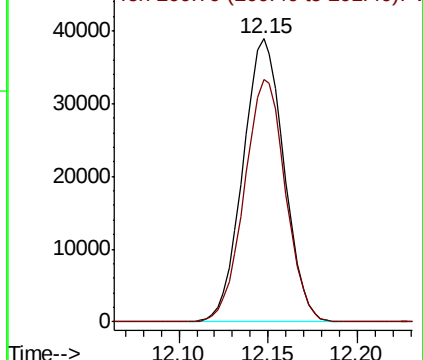
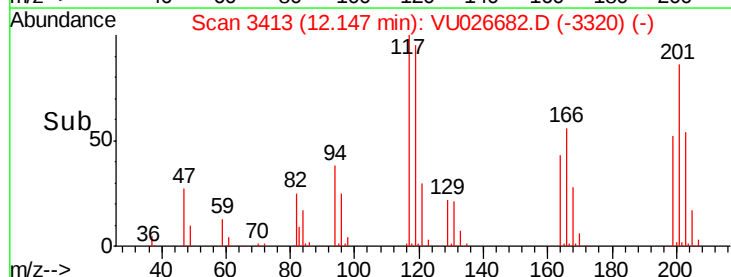
117 100

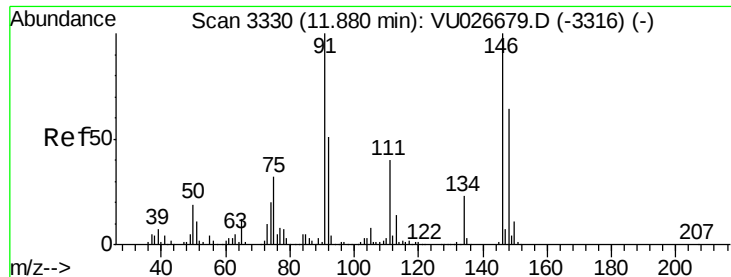
201 85.8 42.4 127.1



Abundance Ion 116.80 (116.50 to 117.50): VU026682.D (-3320) (-)

Ion 200.70 (200.40 to 201.40): VU026682.D (-3320) (-)





#91

1,2-Dichlorobenzene

Concen: 49.947 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091218

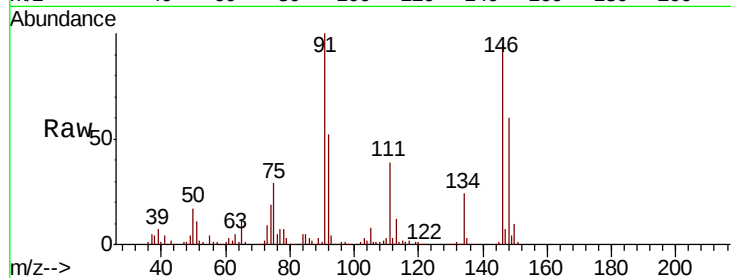
Tgt Ion:146 Resp: 177405

Ion Ratio Lower Upper

146 100

111 41.0 20.3 60.8

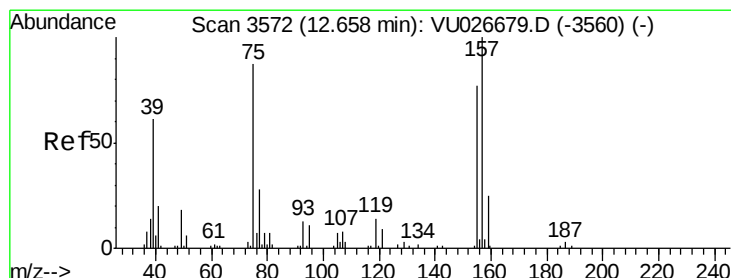
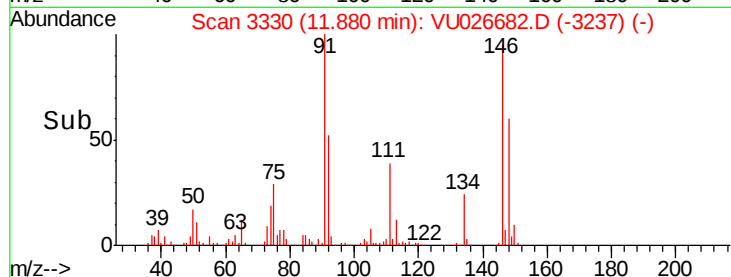
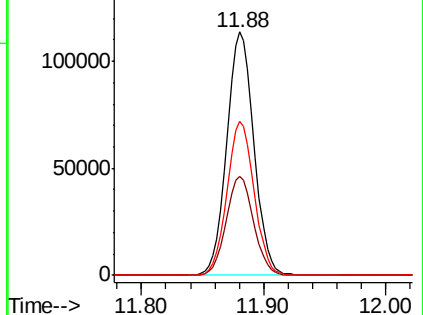
148 63.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.258 ug/l

RT: 12.66 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VU026682.D

Acq: 11 Sep 2018 13:13

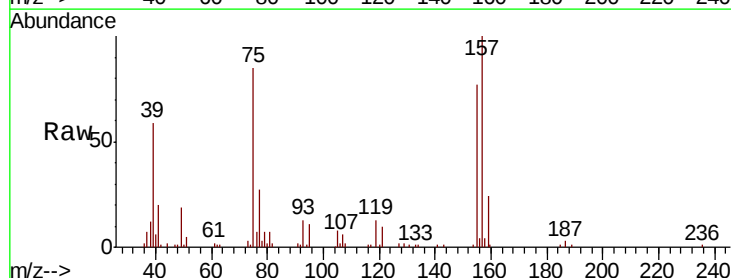
Tgt Ion: 75 Resp: 28597

Ion Ratio Lower Upper

75 100

155 90.7 44.1 132.4

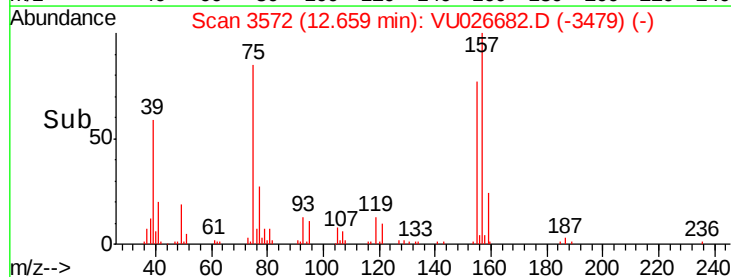
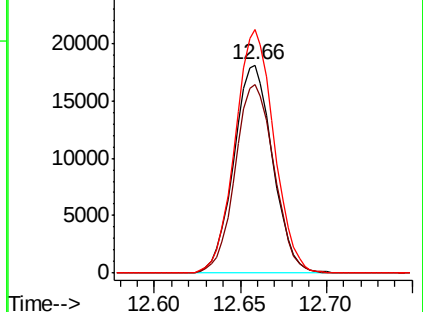
157 116.5 57.2 171.6

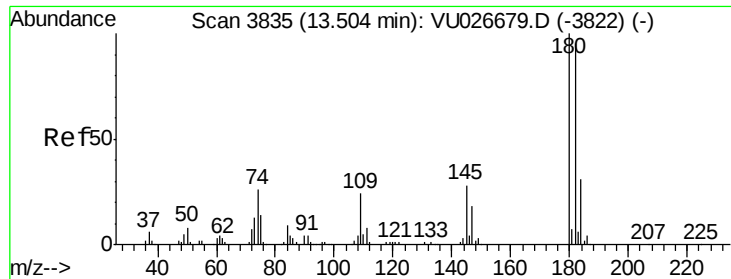


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

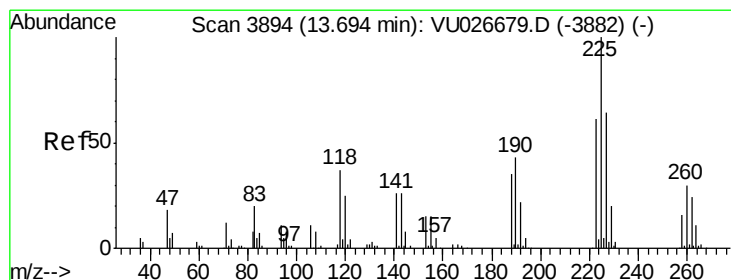
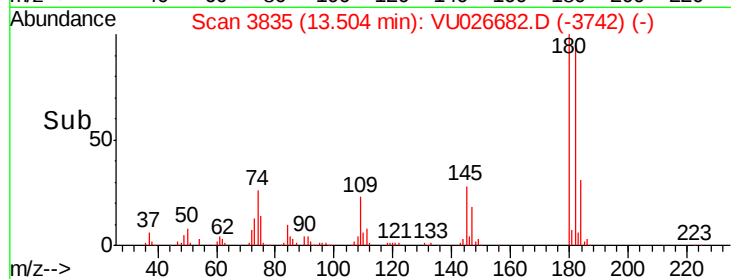
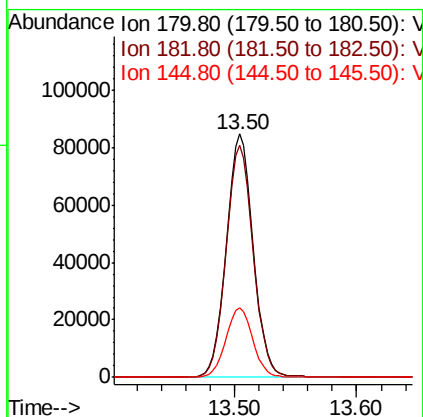
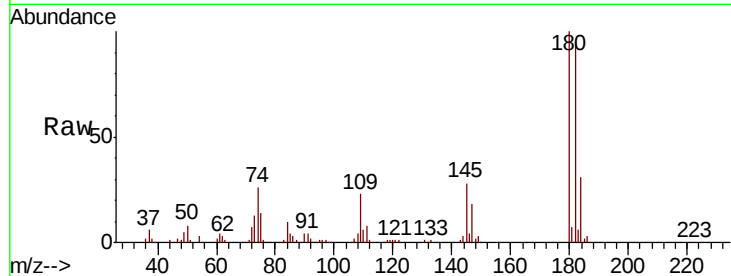




#93
 1,2,4-Trichlorobenzene
 Concen: 55.623 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

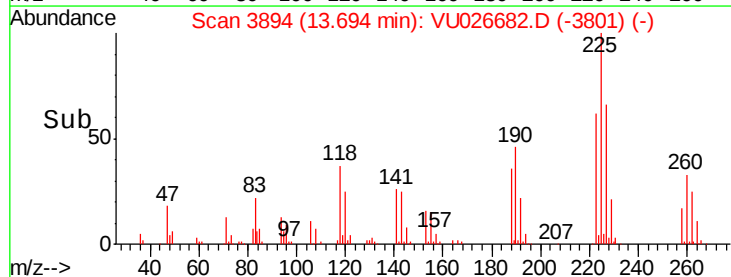
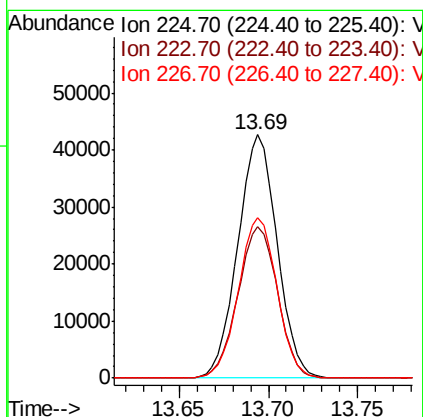
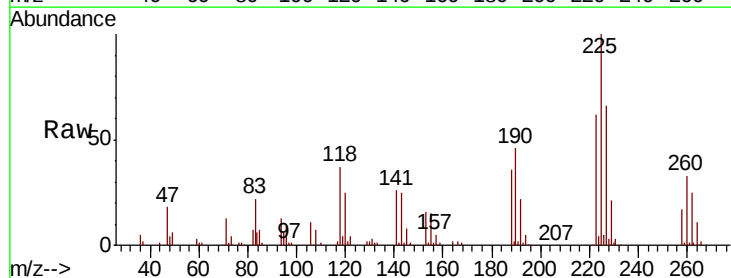
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091218

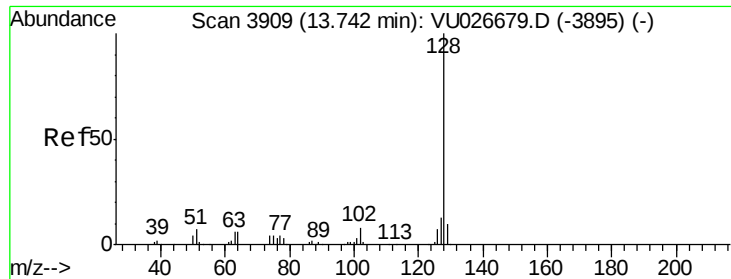
Tgt Ion:180 Resp: 131198
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.9 143.7
 145 28.7 14.0 42.0



#94
 Hexachlorobutadiene
 Concen: 53.948 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU026682.D
 Acq: 11 Sep 2018 13:13

Tgt Ion:225 Resp: 65461
 Ion Ratio Lower Upper
 225 100
 223 62.8 30.6 92.0
 227 64.6 32.1 96.3

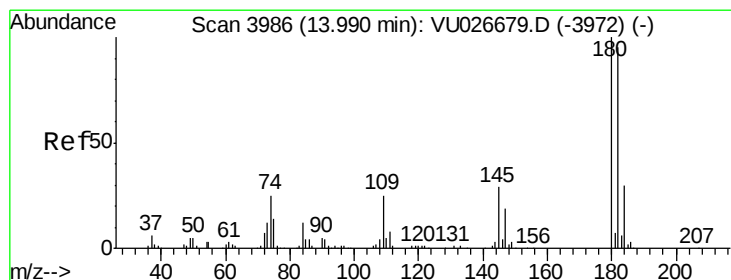
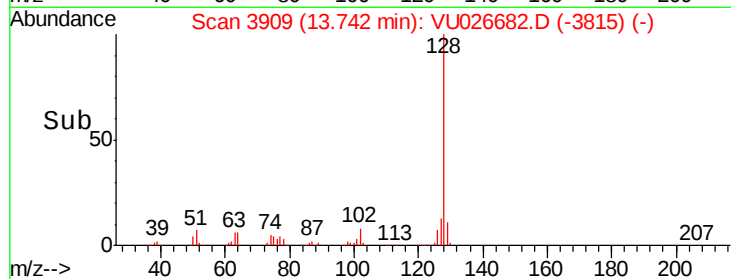
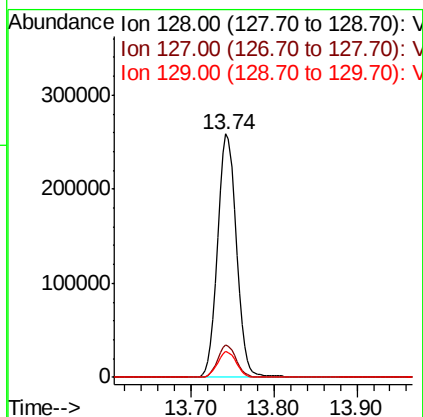
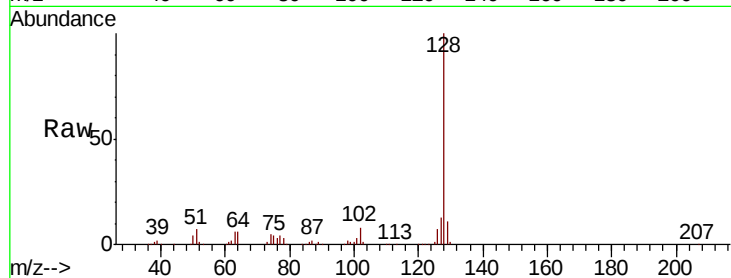




#95
Naphthalene
Concen: 51.229 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091218

Tgt Ion:128 Resp: 406694
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 54.835 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU026682.D
Acq: 11 Sep 2018 13:13

Tgt Ion:180 Resp: 135077
Ion Ratio Lower Upper
180 100
182 96.4 47.9 143.7
145 29.6 14.9 44.9

