

Data File : VU027082.D
Acq On : 23 Sep 2018 19:10
Operator : MD/SY
Sample : J4958-20MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 126 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Quant Time: Sep 24 07:16:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	78487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	136849	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	136244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73869	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	84466	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
35) Dibromofluoromethane	4.88	113	59251	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	7.57	98	229635	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	10.31	95	79823	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.21	85	46699	45.571 ug/l	99
3) Chloromethane	1.33	50	83612	47.325 ug/l	99
4) Vinyl Chloride	1.40	62	78385	47.529 ug/l	99
5) Bromomethane	1.62	94	40555	43.182 ug/l	98
6) Chloroethane	1.70	64	51714	49.076 ug/l	99
7) Trichlorofluoromethane	1.89	101	91021	48.594 ug/l	98
8) Diethyl Ether	2.10	74	45796	50.795 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.29	101	51100	44.369 ug/l	98
10) Methyl Iodide	2.41	142	45420	31.798 ug/l	99
11) Tert butyl alcohol	2.82	59	96488	266.487 ug/l	99
12) 1,1-Dichloroethene	2.29	96	52572	48.497 ug/l	98
13) Acrolein	2.20	56	44489	227.936 ug/l	99
14) Allyl chloride	2.59	41	113295	51.529 ug/l	96
15) Acrylonitrile	2.94	53	246426	270.036 ug/l	100
16) Acetone	2.32	43	220312	263.446 ug/l	99
17) Carbon Disulfide	2.48	76	164349	46.540 ug/l	99
18) Methyl Acetate	2.61	43	103493	46.030 ug/l	100
19) Methyl tert-butyl Ether	3.00	73	217644	54.636 ug/l	98
20) Methylene Chloride	2.70	84	68301	48.279 ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	58662	50.685 ug/l	99
22) Diisopropyl ether	3.57	45	269590	57.326 ug/l	97
23) Vinyl Acetate	3.53	43	939014	234.244 ug/l	99
24) 1,1-Dichloroethane	3.45	63	137330	53.021 ug/l	99
25) 2-Butanone	4.26	43	350363	263.918 ug/l	98
26) 2,2-Dichloropropane	4.23	77	64190	31.778 ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	67770	51.849 ug/l	98
28) Bromochloromethane	4.55	49	72879	58.371 ug/l	93
29) Tetrahydrofuran	4.64	42	229515	285.795 ug/l	96
30) Chloroform	4.67	83	123763	51.478 ug/l	100
31) Cyclohexane	5.00	56	115413	49.008 ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	100924	52.576 ug/l	98
36) 1,1-Dichloropropene	5.14	75	88771	48.604 ug/l	99
37) Ethyl Acetate	4.38	43	109837	44.424 ug/l	99
38) Carbon Tetrachloride	5.14	117	83635	48.120 ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	90039	45.365	ug/l	98
40) Benzene	5.39	78	275069	49.542	ug/l	99
41) Methacrylonitrile	4.54	41	73071	56.906	ug/l	97
42) 1,2-Dichloroethane	5.40	62	107556	51.273	ug/l	99
43) Isopropyl Acetate	5.55	43	176964	49.078	ug/l	98
44) Trichloroethene	6.19	130	56638	47.916	ug/l	98
45) 1,2-Dichloropropane	6.43	63	83522	52.794	ug/l	98
46) Dibromomethane	6.56	93	48207	50.454	ug/l	98
47) Bromodichloromethane	6.76	83	95868	49.621	ug/l	97
48) Methyl methacrylate	6.62	41	99503	50.687	ug/l	99
49) 1,4-Dioxane	6.61	88	37531	962.868	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	678313	279.703	ug/l	99
52) Toluene	7.64	92	165121	51.883	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	102130	49.201	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	106999	46.881	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	67966	50.400	ug/l	99
56) Ethyl methacrylate	8.02	69	113909	48.740	ug/l	98
57) 1,3-Dichloropropane	8.24	76	130883	52.183	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.27	63	550	5.268	ug/l #	52
59) 2-Hexanone	8.36	43	515968	271.801	ug/l	99
60) Dibromochloromethane	8.48	129	68421	51.726	ug/l	99
61) 1,2-Dibromoethane	8.59	107	70550	50.282	ug/l	100
64) Tetrachloroethene	8.23	164	45878	43.699	ug/l	97
65) Chlorobenzene	9.12	112	169395	46.891	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	60337	48.491	ug/l	99
67) Ethyl Benzene	9.25	91	305306	51.395	ug/l	100
68) m/p-Xylenes	9.38	106	226435	94.210	ug/l	98
69) o-Xylene	9.78	106	110349	52.429	ug/l	97
70) Styrene	9.79	104	182791	46.639	ug/l	99
71) Bromoform	9.96	173	48536	50.442	ug/l #	100
73) Isopropylbenzene	10.17	105	294082	52.336	ug/l	100
74) N-amyl acetate	10.01	43	146241	44.961	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	120545	46.659	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	137425	61.238	ug/l	84
77) Bromobenzene	10.45	156	66938	48.748	ug/l	95
78) n-propylbenzene	10.59	91	350396	52.701	ug/l	100
79) 2-Chlorotoluene	10.66	91	210798	50.475	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	245192	52.861	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	137425	195.972	ug/l #	100
82) 4-Chlorotoluene	10.77	91	241553	51.583	ug/l	98
83) tert-Butylbenzene	11.10	119	235046	51.255	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	252445	53.478	ug/l	99
85) sec-Butylbenzene	11.32	105	291034	51.989	ug/l	99
86) p-Isopropyltoluene	11.48	119	243997	46.517	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	120527	47.168	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	123054	44.186	ug/l	99
89) n-Butylbenzene	11.89	91	217834	43.126	ug/l	99
90) Hexachloroethane	12.15	117	47107	46.275	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	123942	45.663	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27101	51.420	ug/l	96

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

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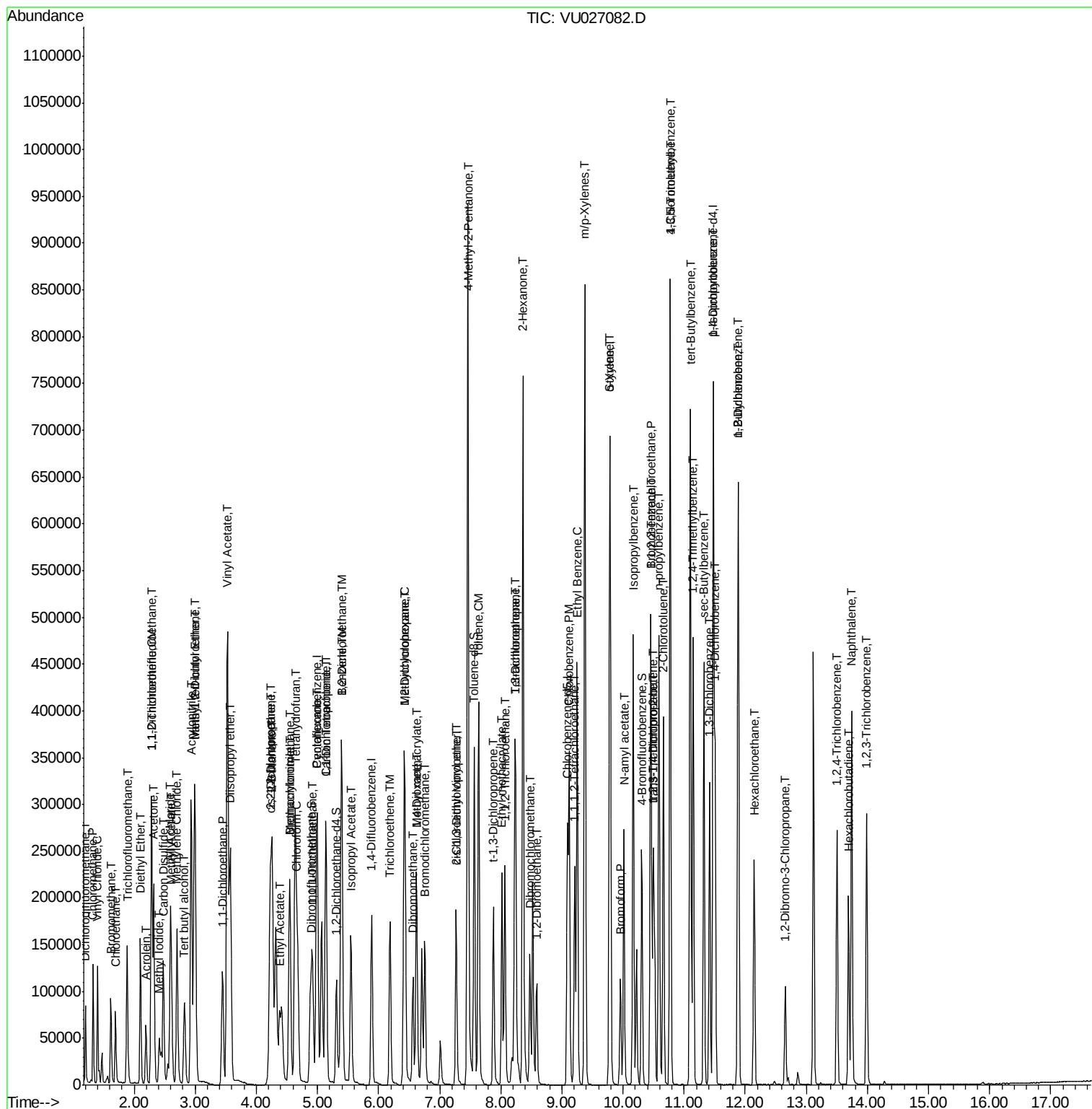
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	75908	48.530	ug/l	99
94) Hexachlorobutadiene	13.69	225	34669	41.890	ug/l	98
95) Naphthalene	13.74	128	285931	46.864	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	82493	49.179	ug/l	99

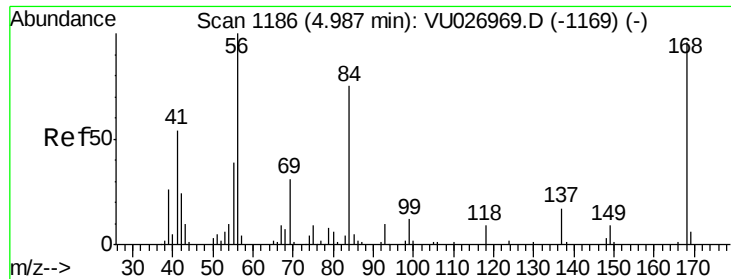
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

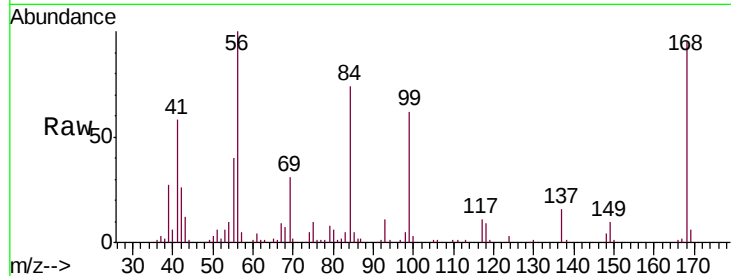
BP-TT-SW4002-20180915MS

Tgt Ion:168 Resp: 78487

Ion Ratio Lower Upper

168 100

99 63.6 48.1 72.1



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

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

40000

30000

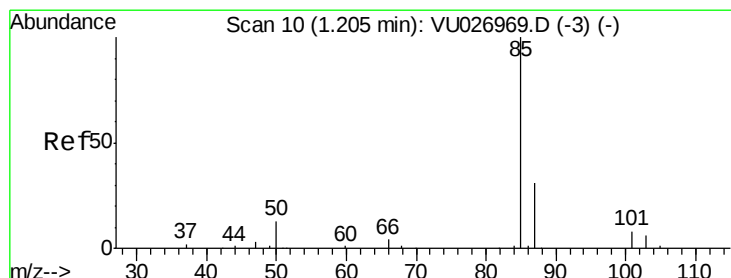
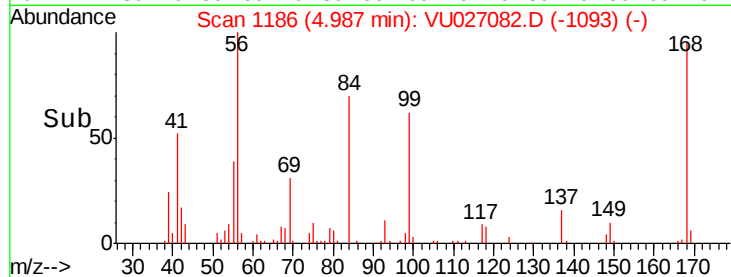
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 45.571 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027082.D

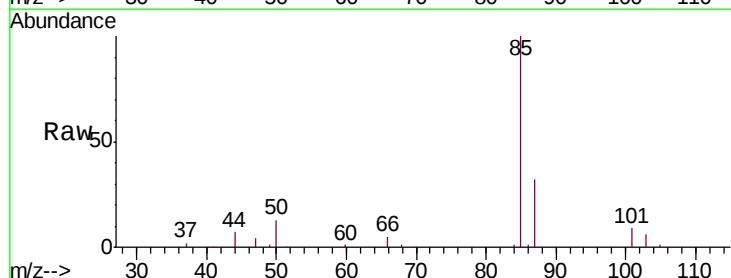
Acq: 23 Sep 2018 19:10

Tgt Ion: 85 Resp: 46699

Ion Ratio Lower Upper

85 100

87 31.8 15.6 46.7



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

Ion 86.90 (86.60 to 87.60): VU026969.D (-3) (-)

1.21

50000

40000

30000

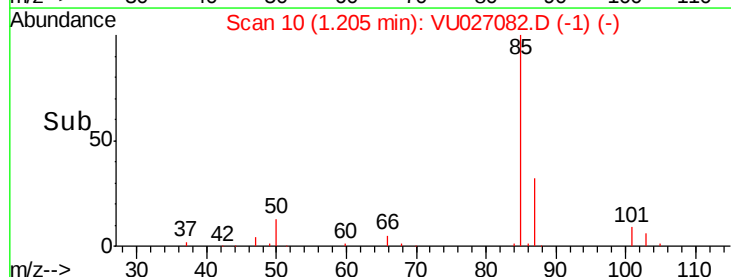
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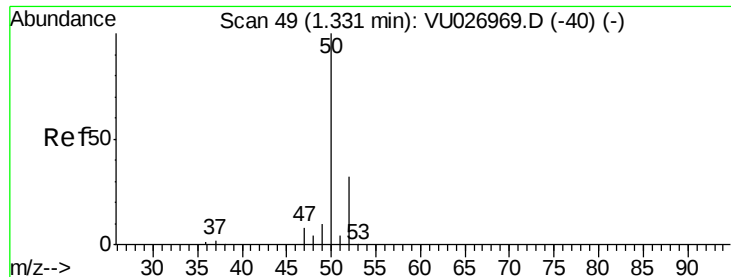
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0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 47.325 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

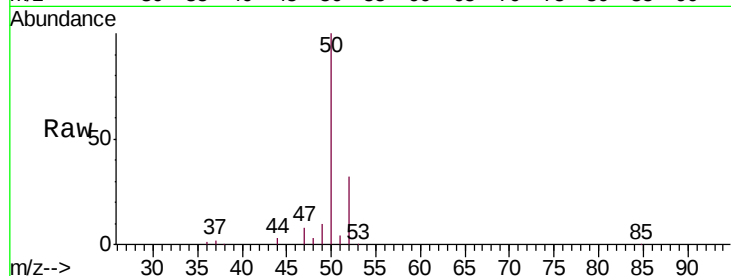
BP-TT-SW4002-20180915MS

Tgt Ion: 50 Resp: 83612

Ion Ratio Lower Upper

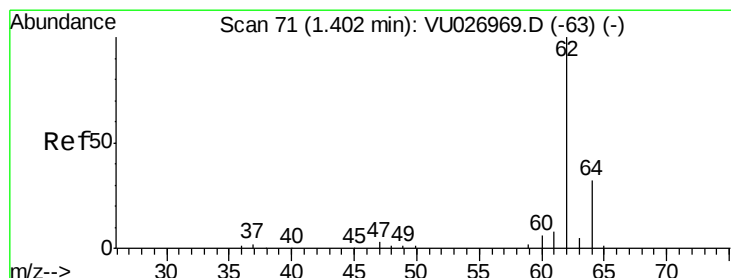
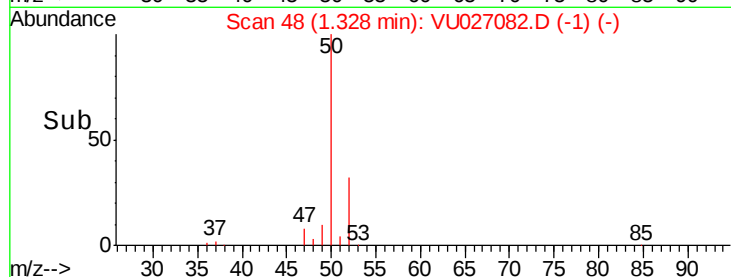
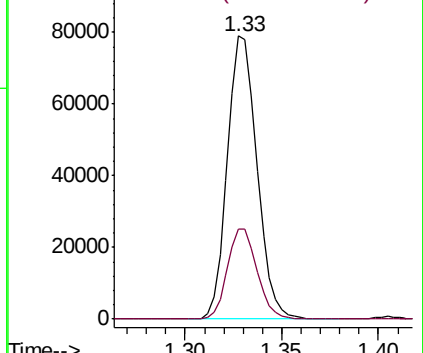
50 100

52 32.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU026969.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU027082.D (-1) (-)



#4

Vinyl Chloride

Concen: 47.529 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027082.D

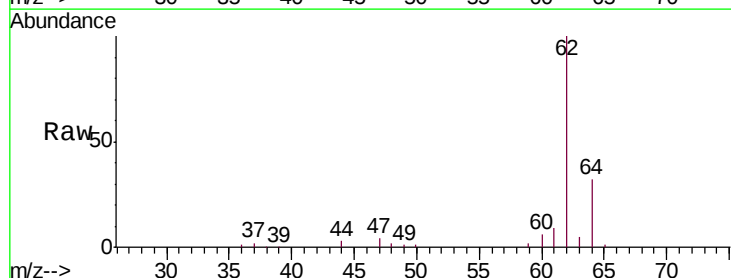
Acq: 23 Sep 2018 19:10

Tgt Ion: 62 Resp: 78385

Ion Ratio Lower Upper

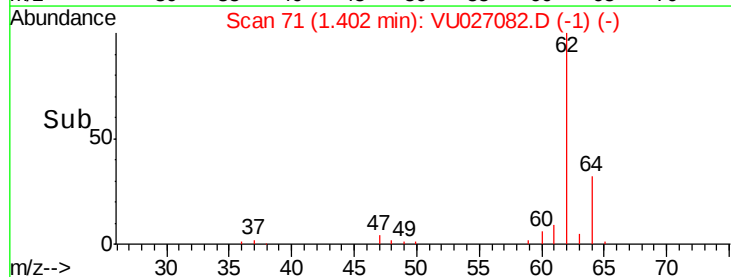
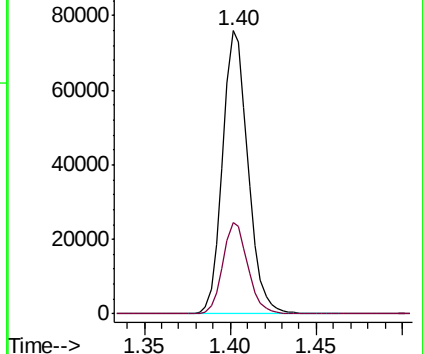
62 100

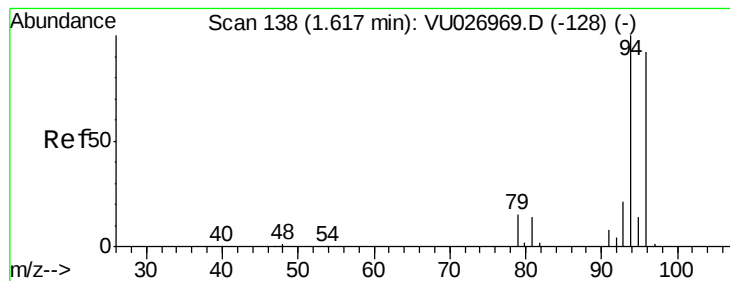
64 32.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU027082.D (-1) (-)





#5

Bromomethane

Concen: 43.182 ug/l

RT: 1.62 min Scan# 139

Delta R.T. 0.00 min

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ClientSampleId :

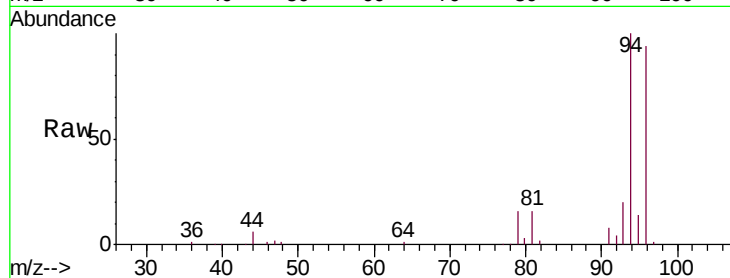
BP-TT-SW4002-20180915MS

Tgt Ion: 94 Resp: 40555

Ion Ratio Lower Upper

94 100

96 93.6 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.62

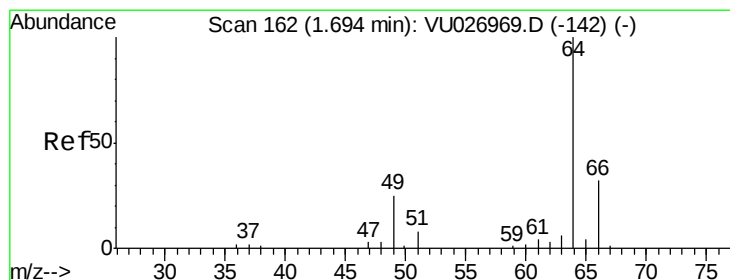
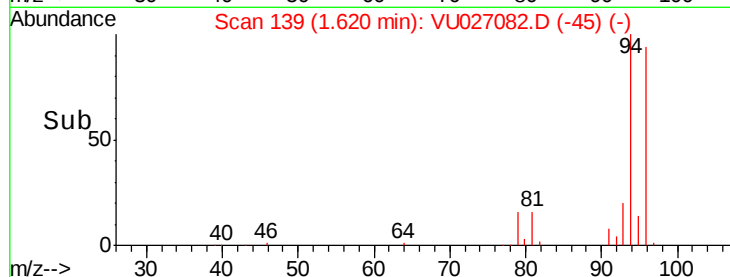
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 49.076 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027082.D

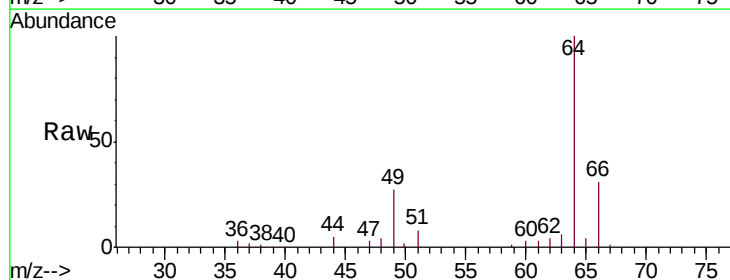
Acq: 23 Sep 2018 19:10

Tgt Ion: 64 Resp: 51714

Ion Ratio Lower Upper

64 100

66 30.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.70

40000

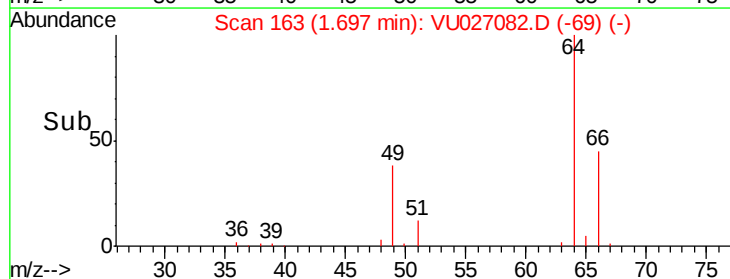
30000

20000

10000

0

Time--> 1.65 1.70 1.75 1.80



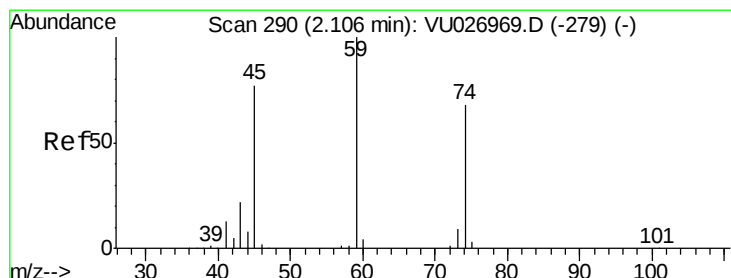
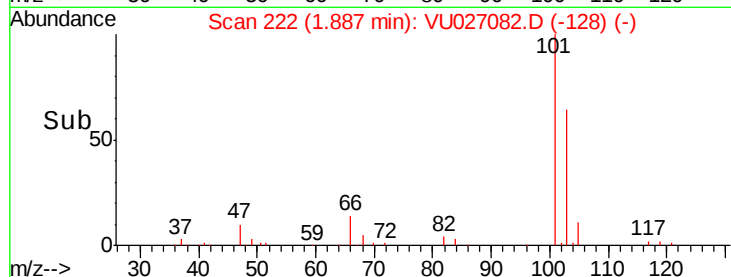
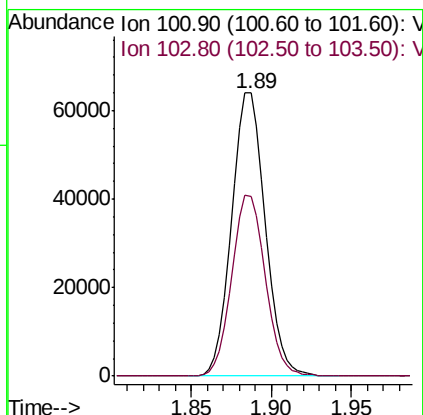
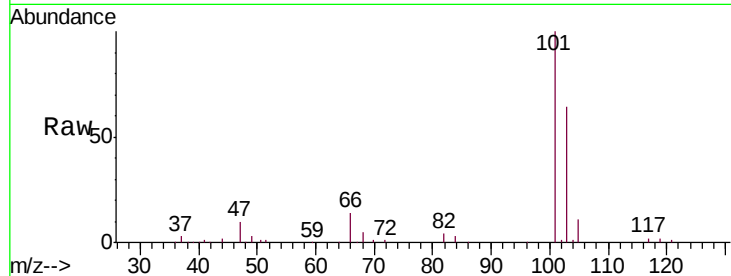


#7

Trichlorofluoromethane
 Concen: 48.594 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VU027082.D
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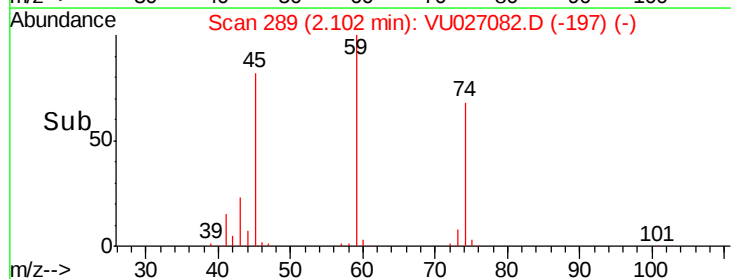
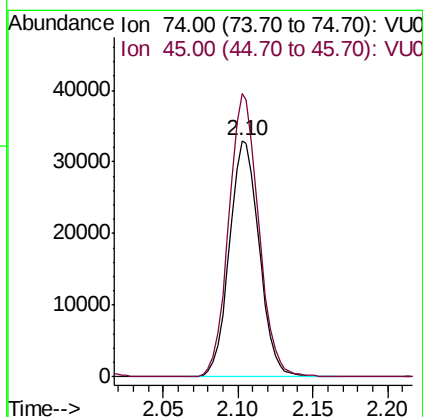
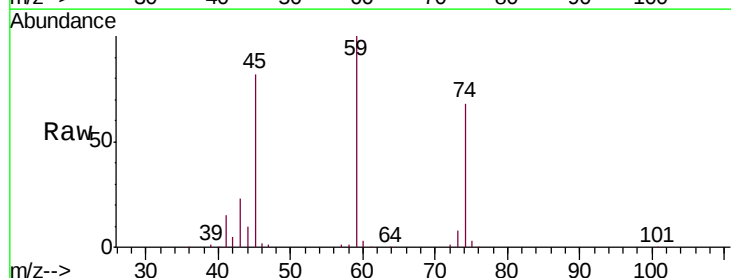
Tgt Ion: 101 Resp: 91021
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.2 78.2

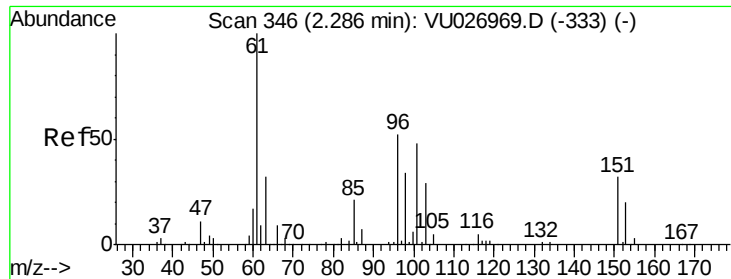


#8

Diethyl Ether
 Concen: 50.795 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027082.D
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Tgt Ion: 74 Resp: 45796
 Ion Ratio Lower Upper
 74 100
 45 120.3 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.369 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027082.D

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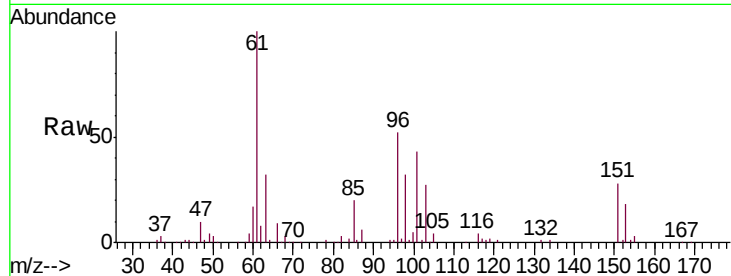
Tgt Ion:101 Resp: 51100

Ion Ratio Lower Upper

101 100

85 46.1 36.2 54.2

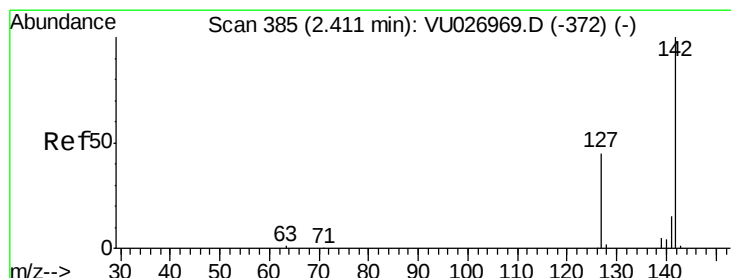
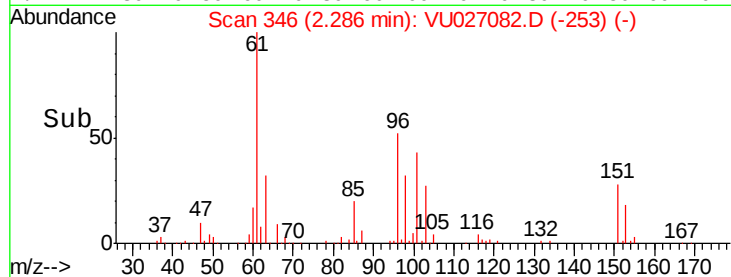
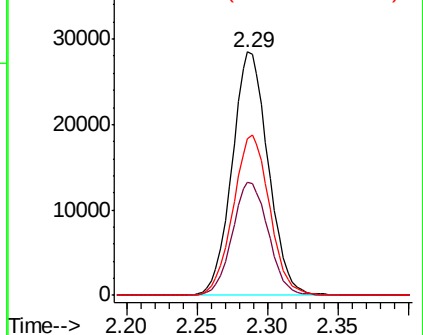
151 66.4 54.5 81.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 31.798 ug/l

RT: 2.41 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

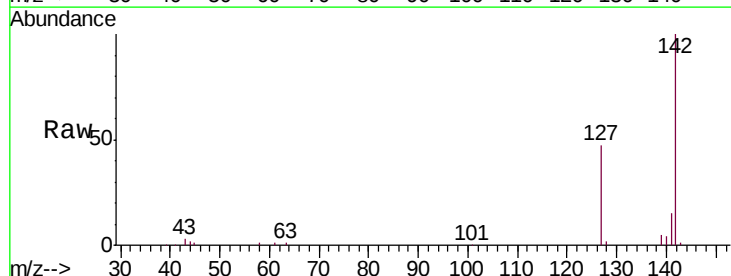
Tgt Ion:142 Resp: 45420

Ion Ratio Lower Upper

142 100

127 47.0 36.7 55.1

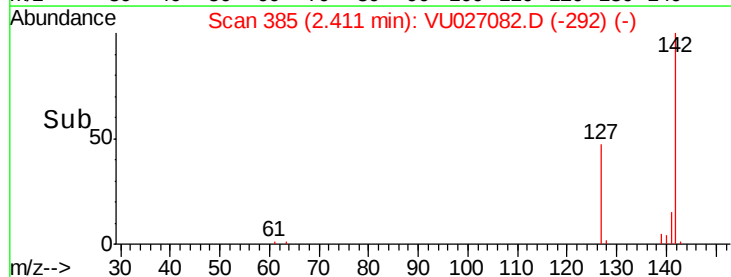
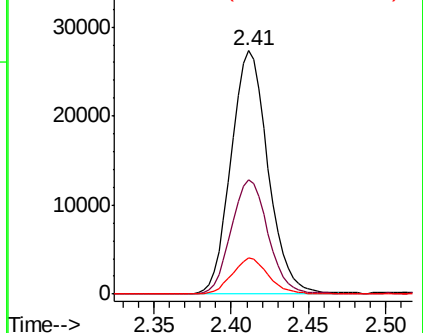
141 14.5 11.8 17.6

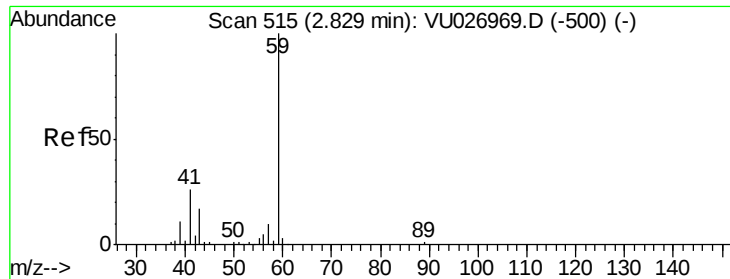


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

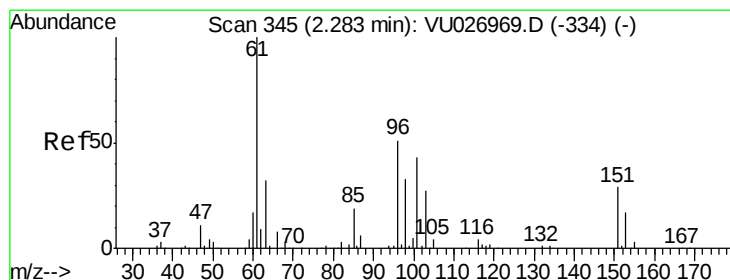
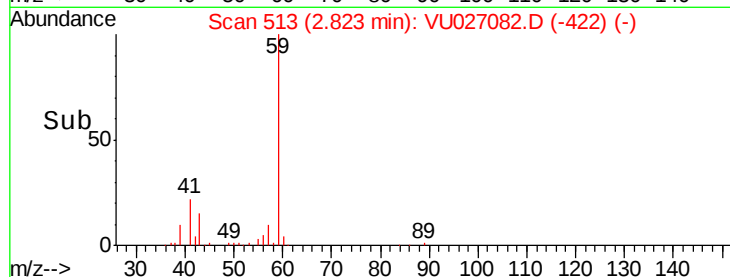
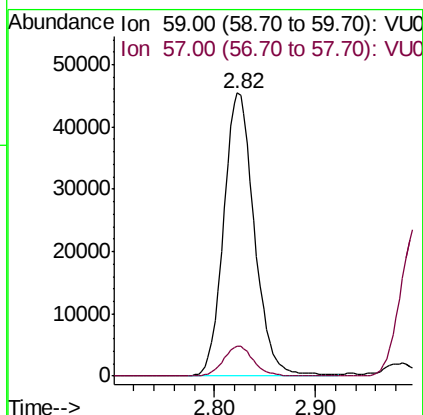
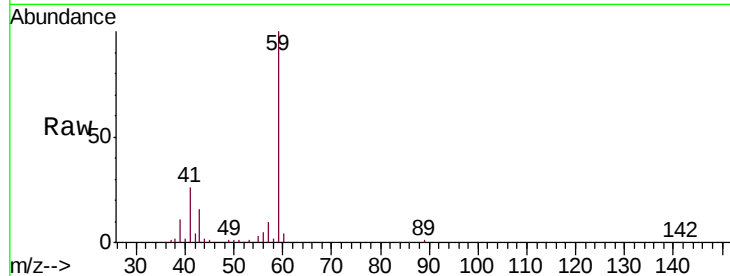




#11
Tert butyl alcohol
Concen: 266.487 ug/l
RT: 2.82 min Scan# 513
Delta R.T. -0.01 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

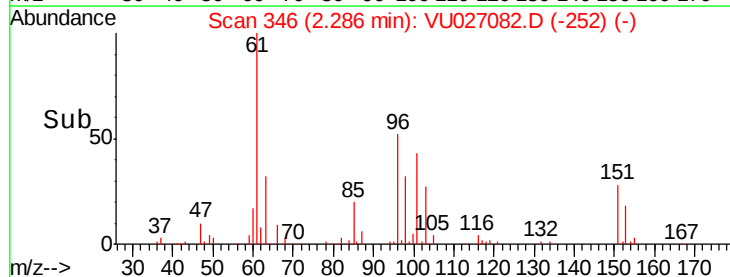
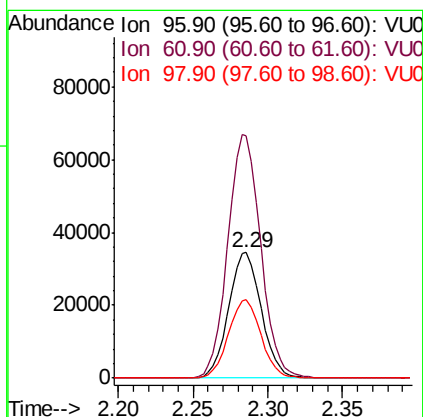
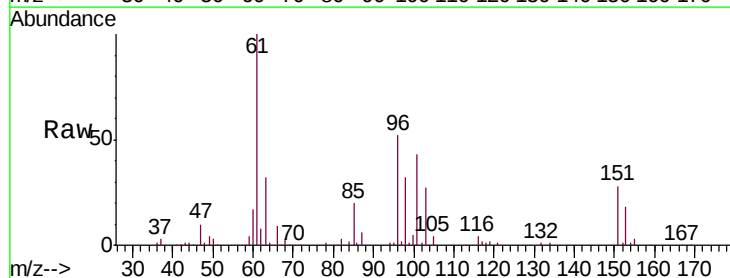
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

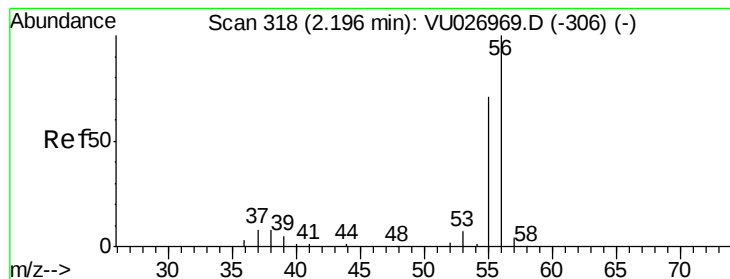
Tgt Ion: 59 Resp: 96488
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 48.497 ug/l
RT: 2.29 min Scan# 346
Delta R.T. 0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion: 96 Resp: 52572
Ion Ratio Lower Upper
96 100
61 192.7 156.1 234.1
98 62.6 51.4 77.0





#13

Acrolein

Concen: 227.936 ug/l

RT: 2.20 min Scan# 318

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

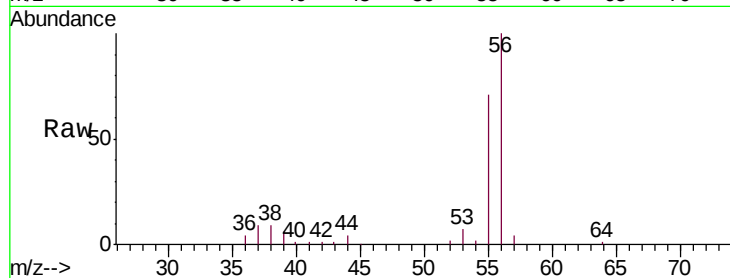
BP-TT-SW4002-20180915MS

Tgt Ion: 56 Resp: 44489

Ion Ratio Lower Upper

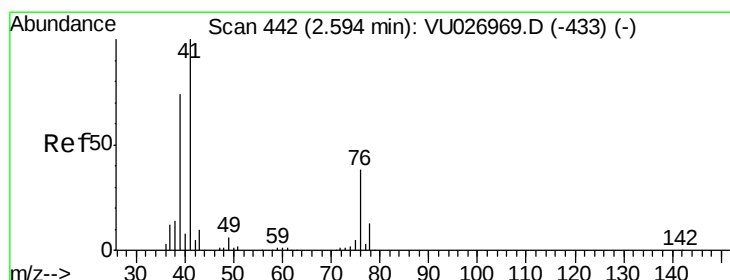
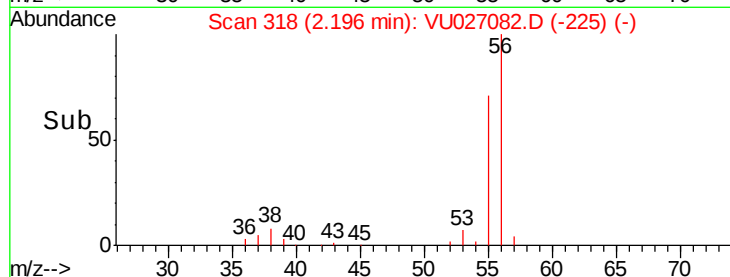
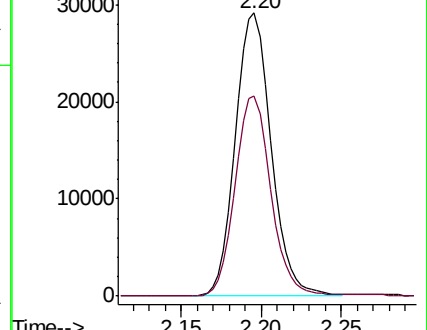
56 100

55 70.9 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 51.529 ug/l

RT: 2.59 min Scan# 442

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

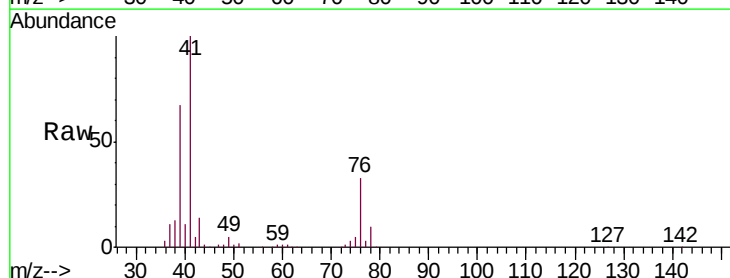
Tgt Ion: 41 Resp: 113295

Ion Ratio Lower Upper

41 100

39 65.0 55.7 83.5

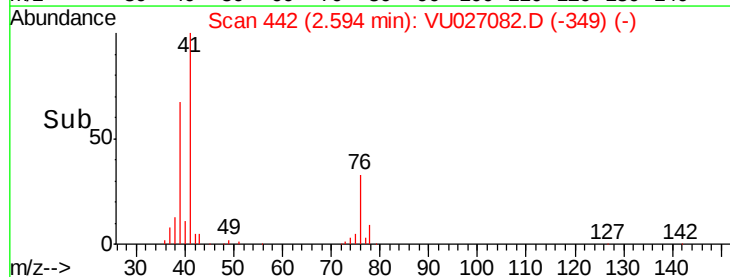
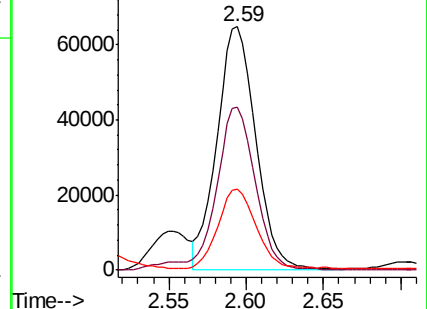
76 33.1 26.5 39.7

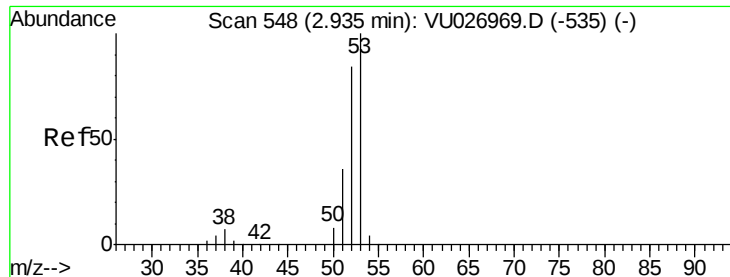


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 270.036 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

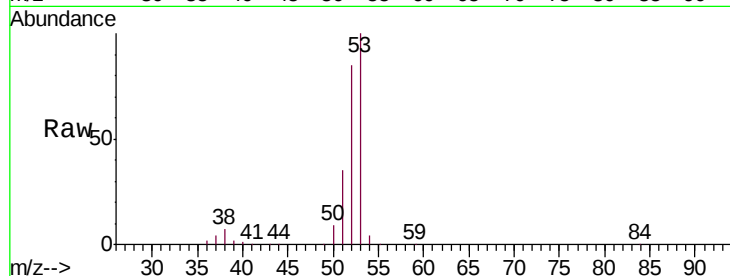
Tgt Ion: 53 Resp: 246426

Ion Ratio Lower Upper

53 100

52 82.1 65.7 98.5

51 34.1 27.4 41.2

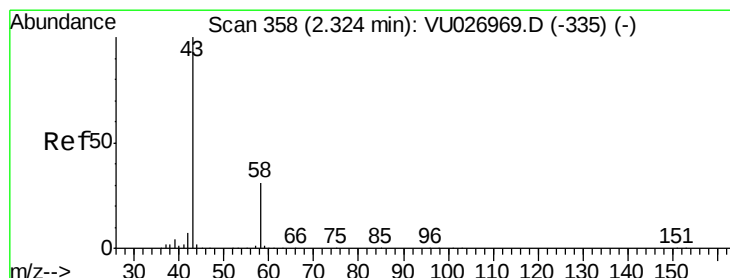
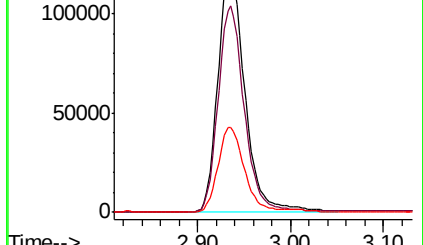
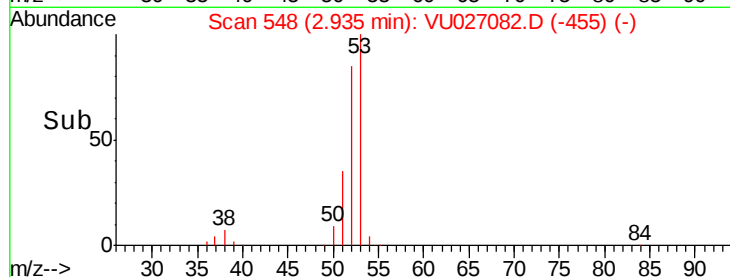


Abundance Ion 53.00 (52.70 to 53.70): VU026969.D (-535) (-)

Ion 52.00 (51.70 to 52.70): VU026969.D (-535) (-)

Ion 51.00 (50.70 to 51.70): VU026969.D (-535) (-)

Time-->



#16

Acetone

Concen: 263.446 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027082.D

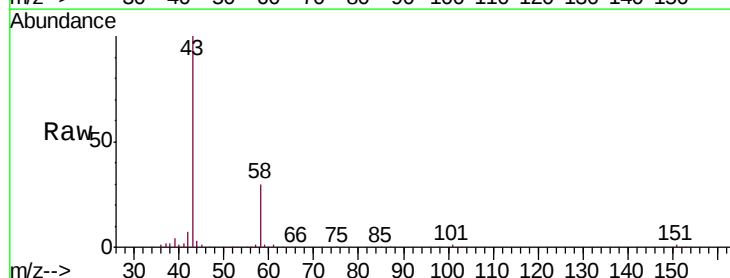
Acq: 23 Sep 2018 19:10

Tgt Ion: 43 Resp: 220312

Ion Ratio Lower Upper

43 100

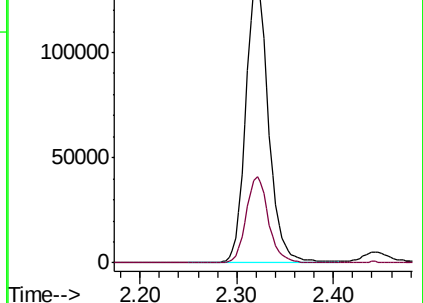
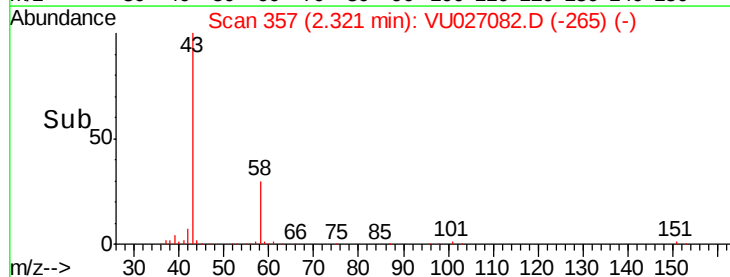
58 30.3 24.6 36.8

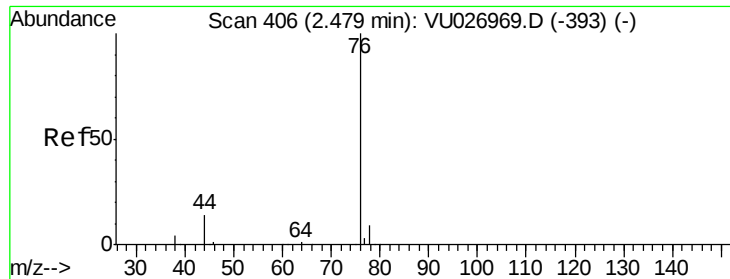


Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-335) (-)

Time-->

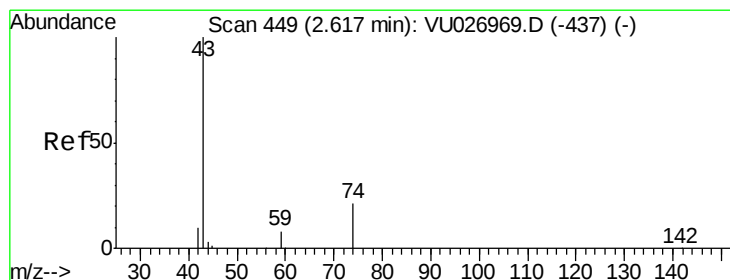
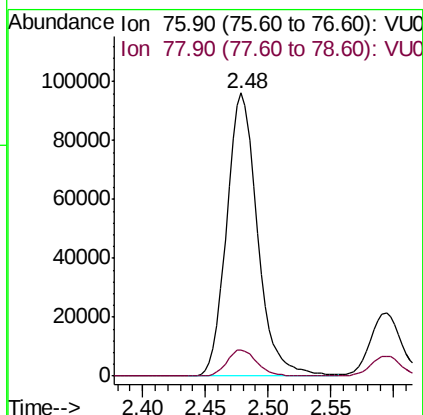
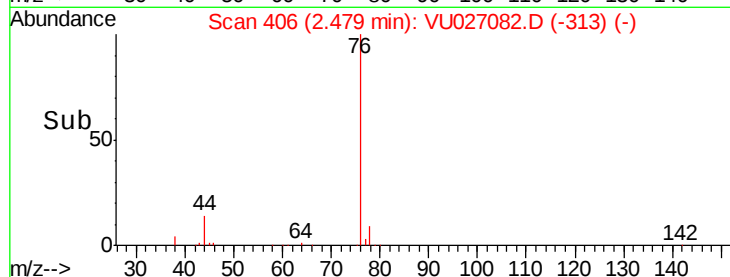
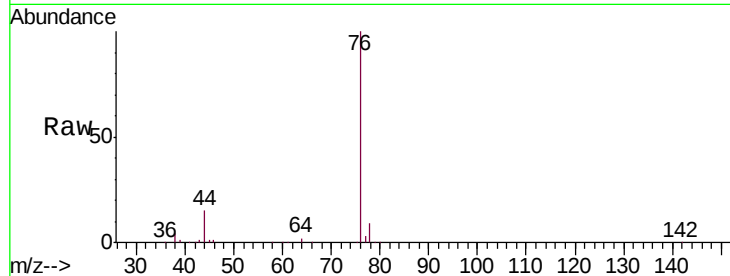




#17
Carbon Disulfide
Concen: 46.540 ug/l
RT: 2.48 min Scan# 406
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

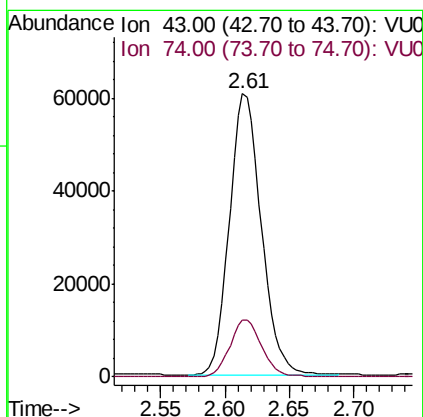
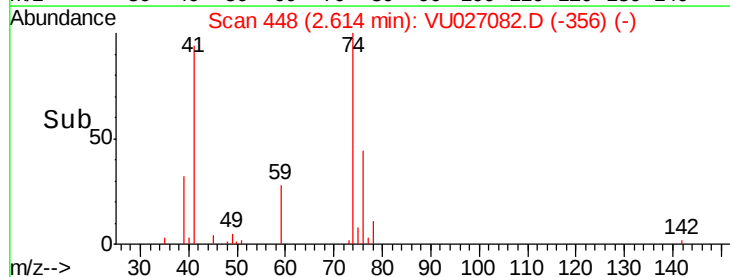
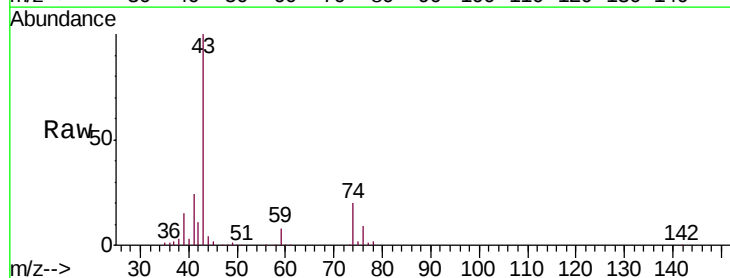
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

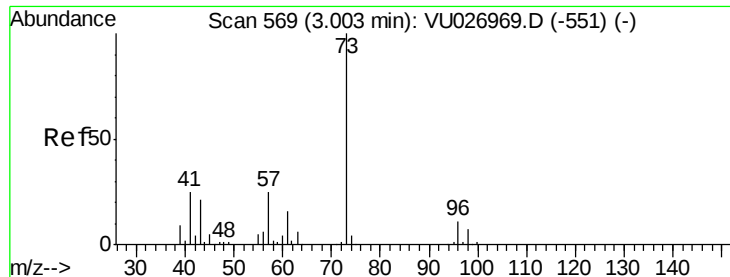
Tgt Ion: 76 Resp: 164349
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 46.030 ug/l
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion: 43 Resp: 103493
Ion Ratio Lower Upper
43 100
74 20.7 16.6 25.0

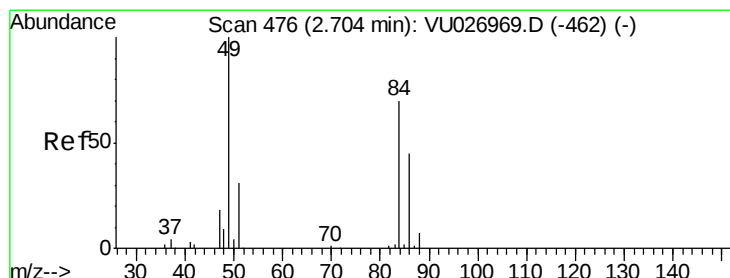
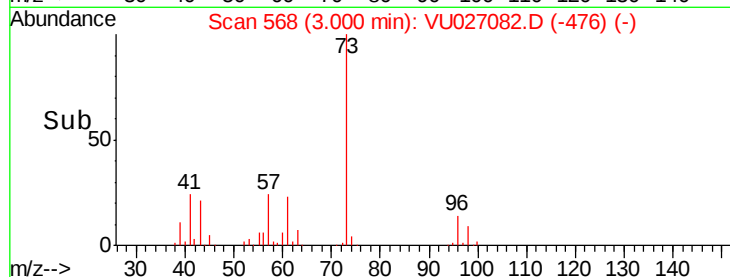
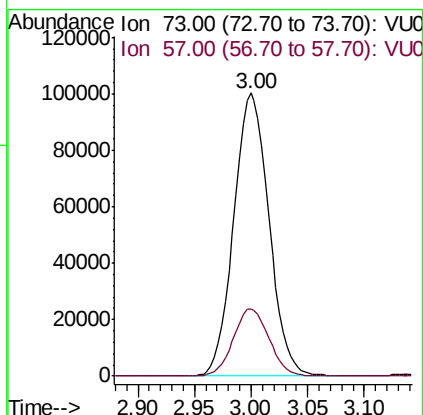
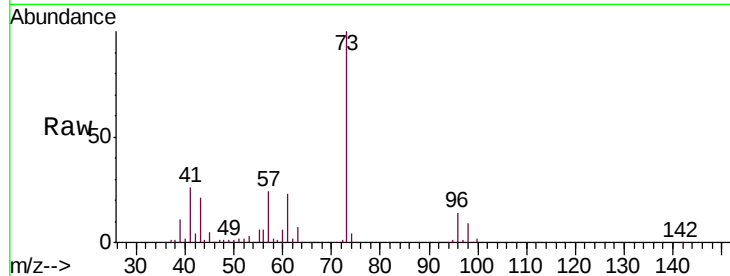




#19
Methyl tert-butyl Ether
Concen: 54.636 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

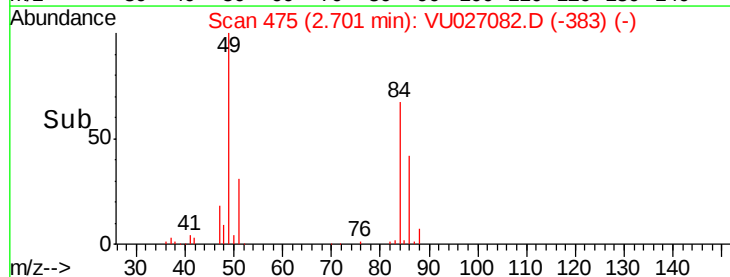
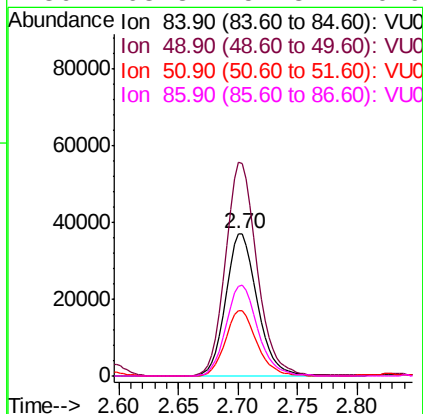
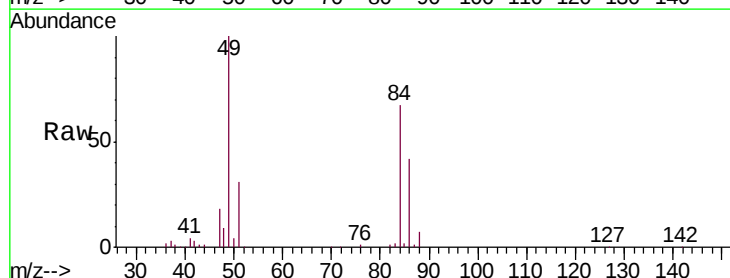
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

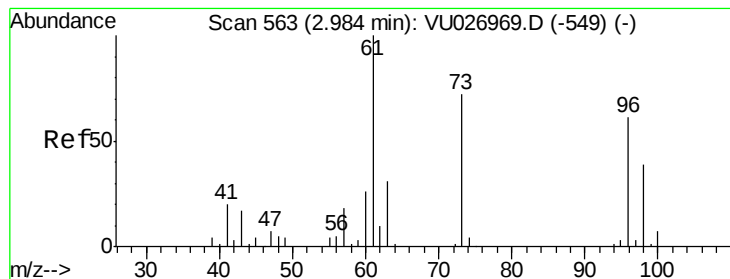
Tgt Ion: 73 Resp: 217644
Ion Ratio Lower Upper
73 100
57 23.9 19.8 29.6



#20
Methylene Chloride
Concen: 48.279 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion: 84 Resp: 68301
Ion Ratio Lower Upper
84 100
49 149.8 114.9 172.3
51 46.1 35.8 53.8
86 63.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 50.685 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

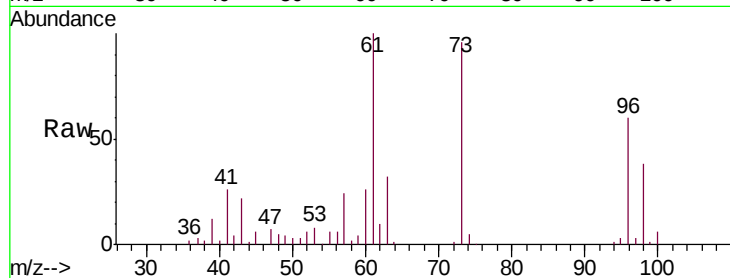
Tgt Ion: 96 Resp: 58662

Ion Ratio Lower Upper

96 100

61 165.9 131.8 197.6

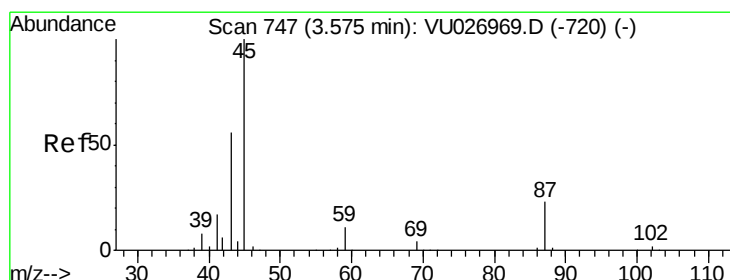
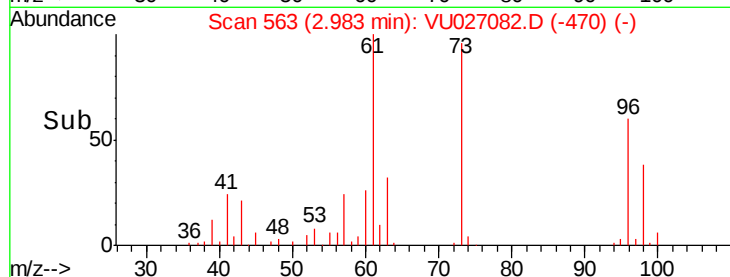
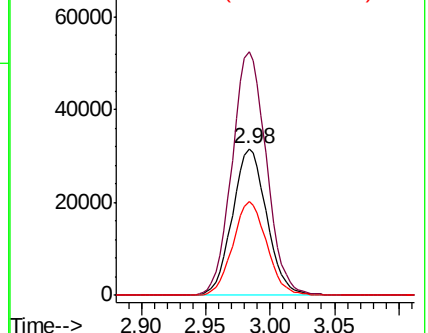
98 63.6 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VU026969.D (-549) (-)

Ion 60.90 (60.60 to 61.60): VU026969.D (-549) (-)

Ion 97.90 (97.60 to 98.60): VU026969.D (-549) (-)



#22

Diisopropyl ether

Concen: 57.326 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Tgt Ion: 45 Resp: 269590

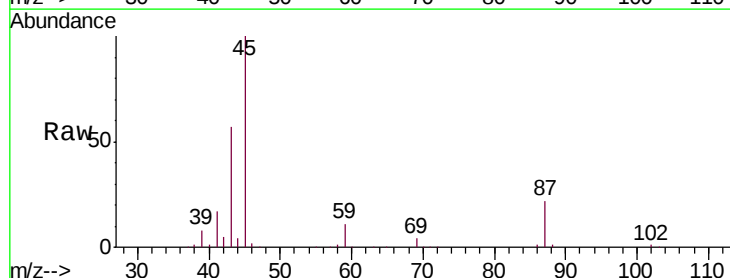
Ion Ratio Lower Upper

45 100

43 54.8 45.8 68.6

87 21.8 18.6 28.0

59 10.6 9.0 13.4

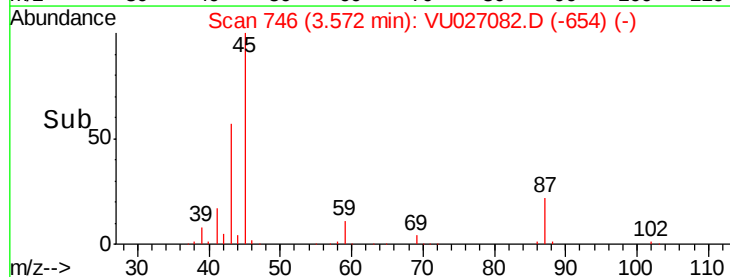
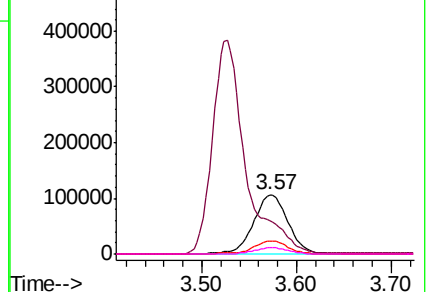


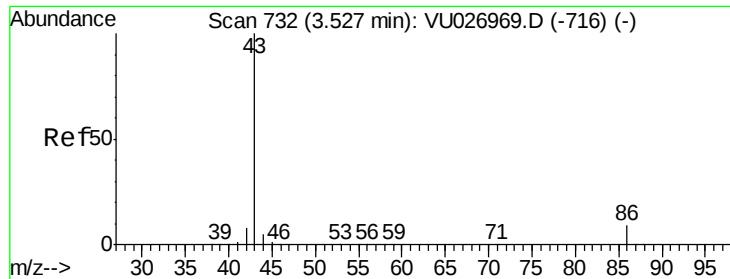
Abundance Ion 45.00 (44.70 to 45.70): VU026969.D (-720) (-)

Ion 43.00 (42.70 to 43.70): VU026969.D (-720) (-)

Ion 87.00 (86.70 to 87.70): VU026969.D (-720) (-)

Ion 59.00 (58.70 to 59.70): VU026969.D (-720) (-)





#23

Vinyl Acetate

Concen: 234.244 ug/l

RT: 3.53 min Scan# 732

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

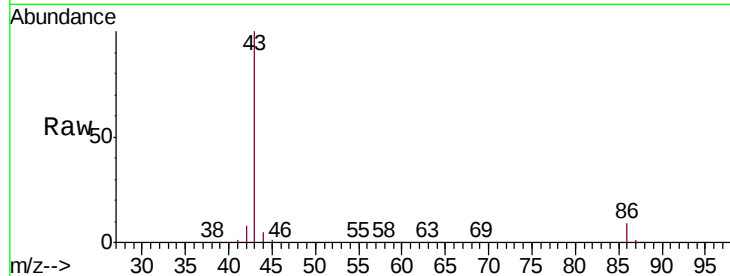
BP-TT-SW4002-20180915MS

Tgt Ion: 43 Resp: 939014

Ion Ratio Lower Upper

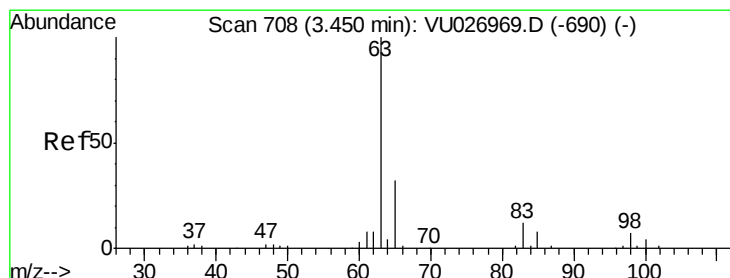
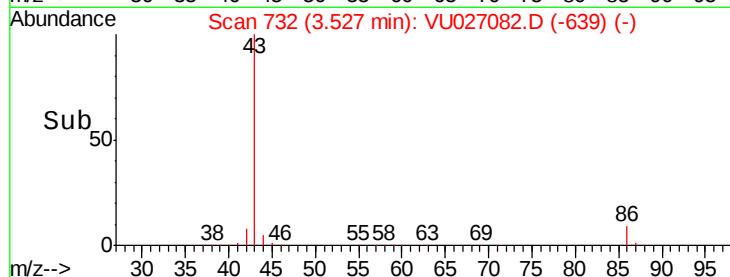
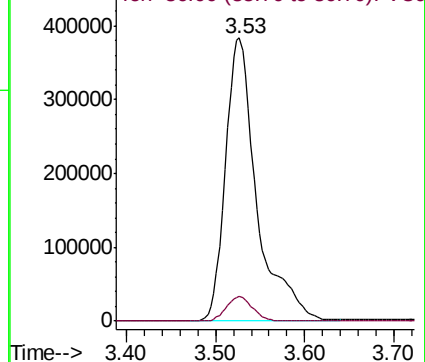
43 100

86 8.6 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 53.021 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

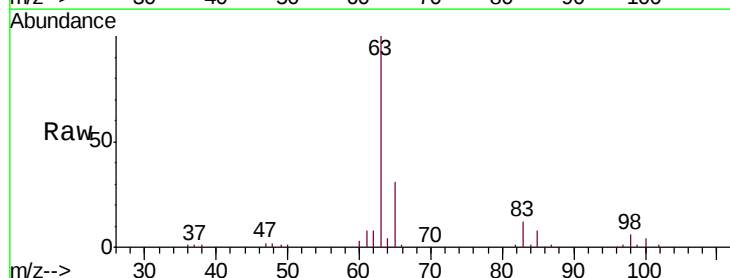
Tgt Ion: 63 Resp: 137330

Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

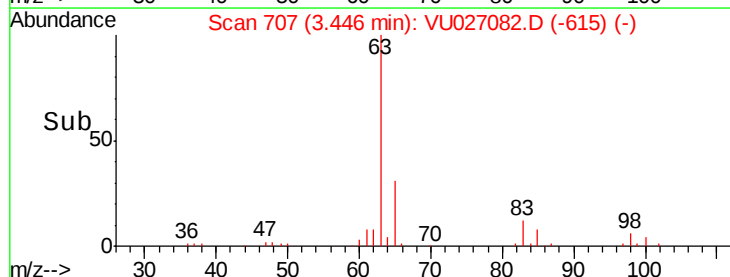
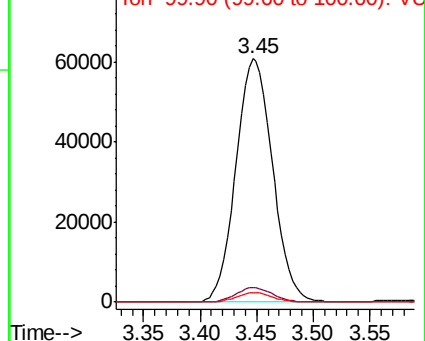
100 3.8 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 263.918 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

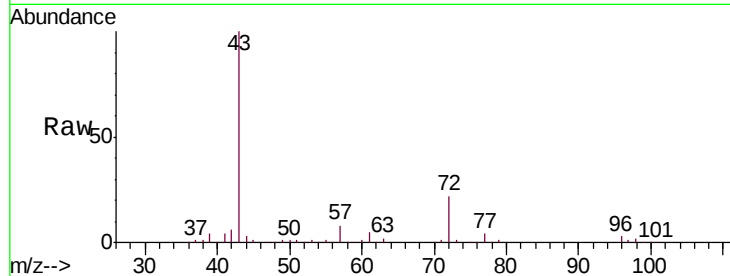
BP-TT-SW4002-20180915MS

Tgt Ion: 43 Resp: 350363

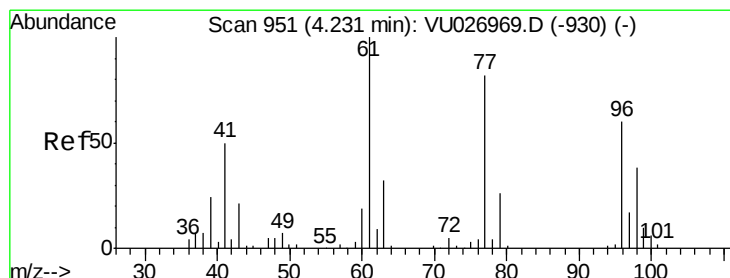
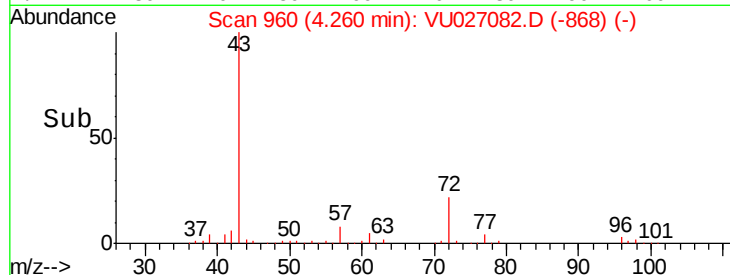
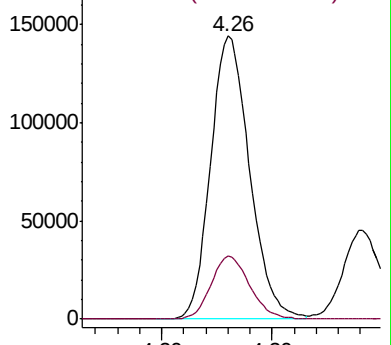
Ion Ratio Lower Upper

43 100

72 22.2 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-936) (-)



#26

2,2-Dichloropropane

Concen: 31.778 ug/l

RT: 4.23 min Scan# 951

Delta R.T. -0.00 min

Lab File: VU027082.D

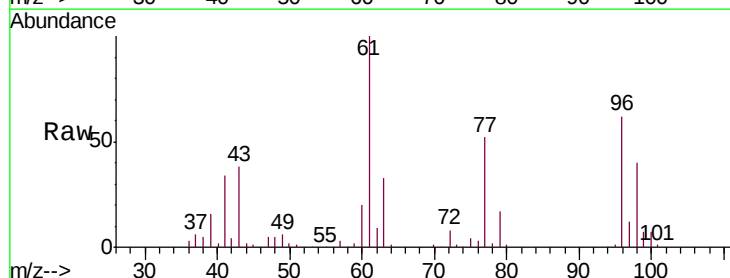
Acq: 23 Sep 2018 19:10

Tgt Ion: 77 Resp: 64190

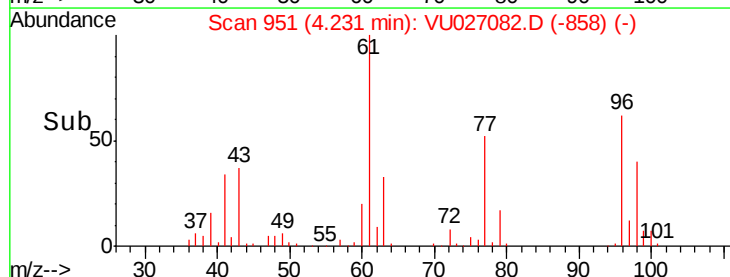
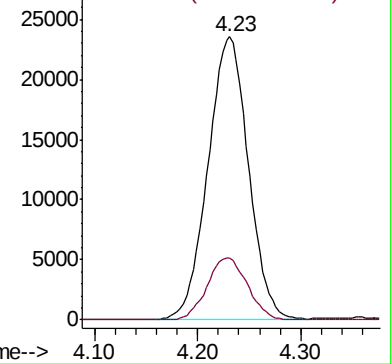
Ion Ratio Lower Upper

77 100

97 21.7 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU026969.D (-930) (-)



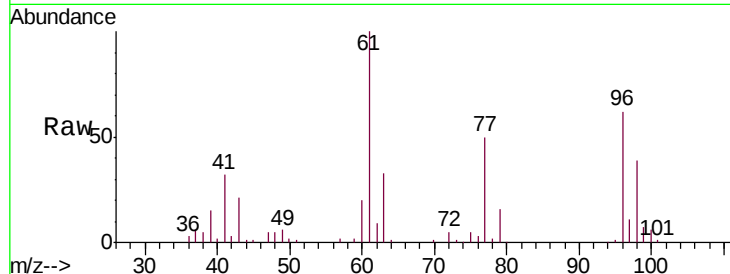


#27

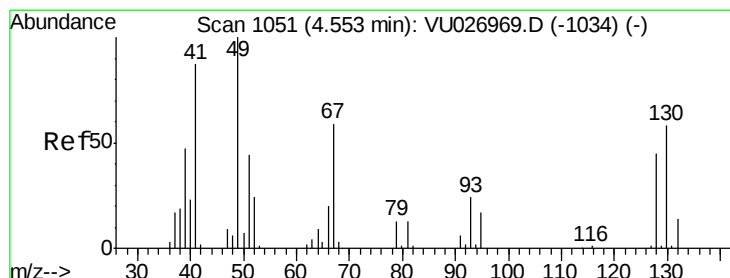
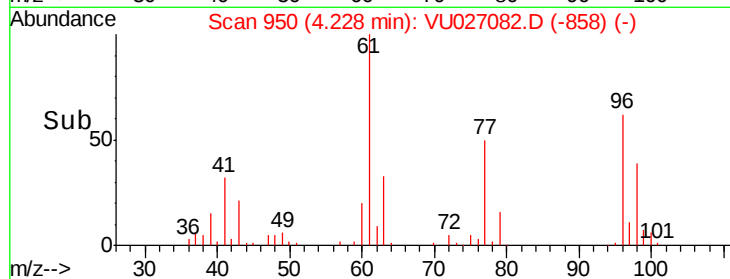
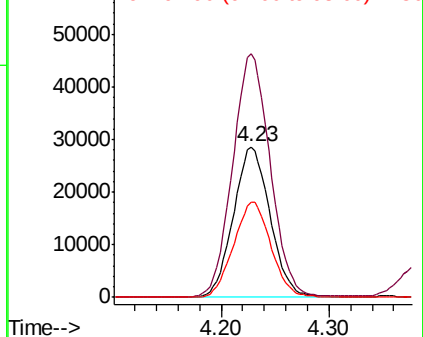
cis-1,2-Dichloroethene
Concen: 51.849 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tgt Ion: 96 Resp: 67770
Ion Ratio Lower Upper
96 100
61 165.7 0.0 337.2
98 64.2 0.0 127.6



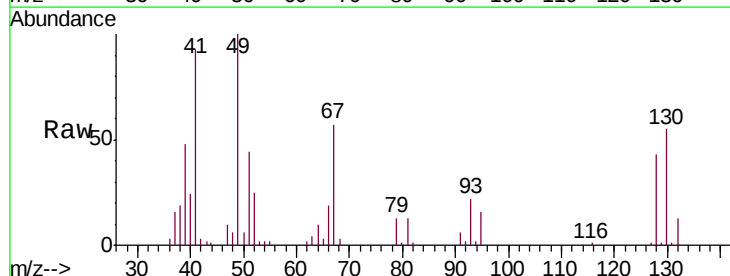
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



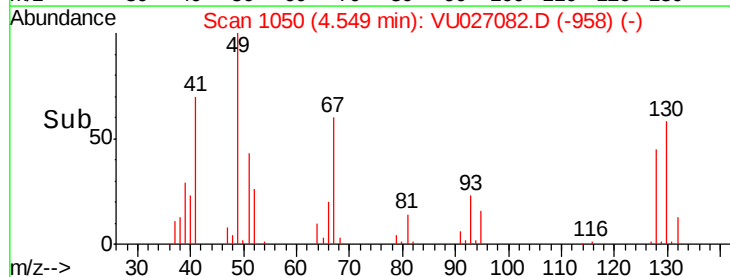
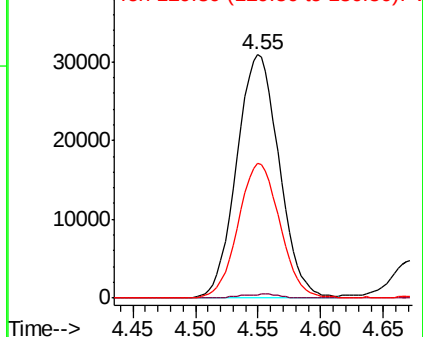
#28

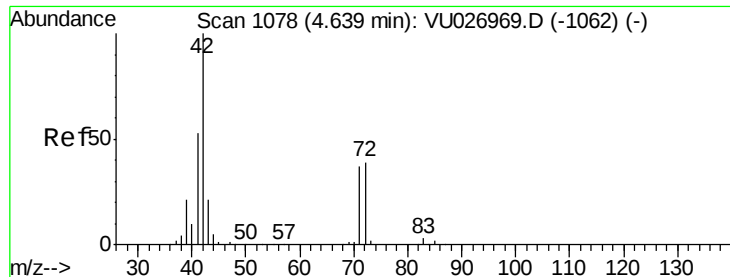
Bromochloromethane
Concen: 58.371 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion: 49 Resp: 72879
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.0
130 54.3 47.8 71.8



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





#29

Tetrahydrofuran

Concen: 285.795 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

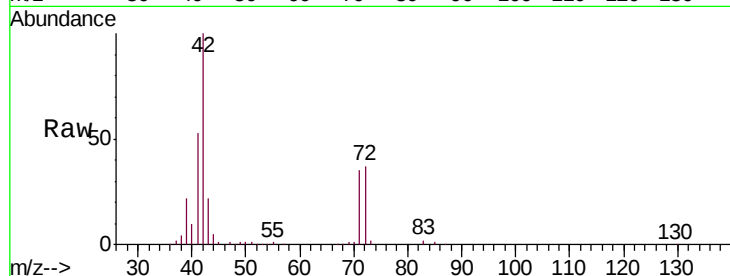
Tgt Ion: 42 Resp: 229515

Ion Ratio Lower Upper

42 100

72 37.6 31.7 47.5

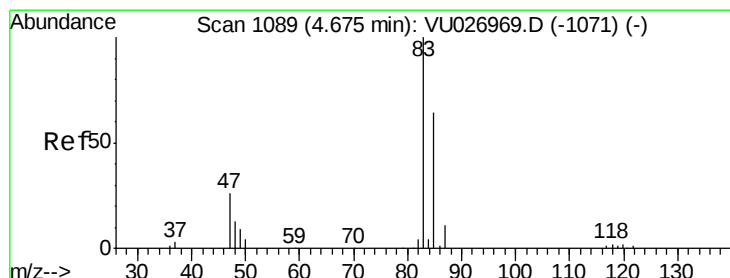
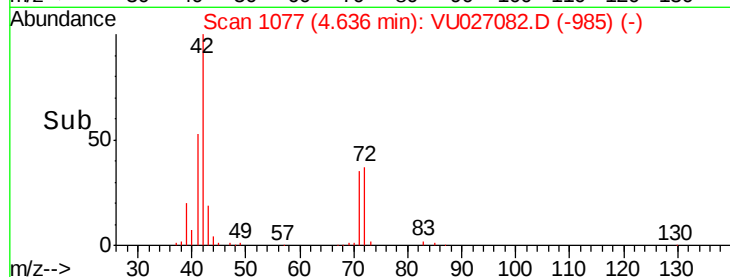
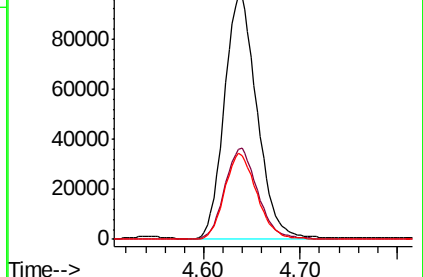
71 34.7 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU026969.D (-1062) (-)

Ion 72.00 (71.70 to 72.70): VU026969.D (-1062) (-)

Ion 71.00 (70.70 to 71.70): VU026969.D (-1062) (-)



#30

Chloroform

Concen: 51.478 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU027082.D

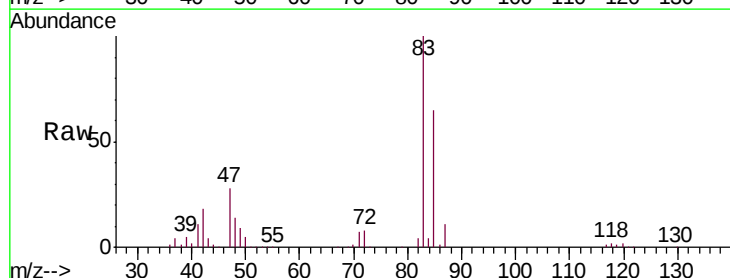
Acq: 23 Sep 2018 19:10

Tgt Ion: 83 Resp: 123763

Ion Ratio Lower Upper

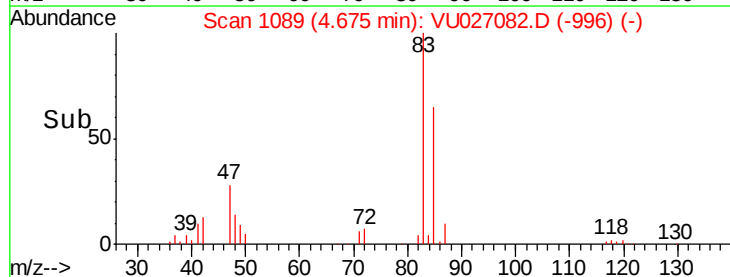
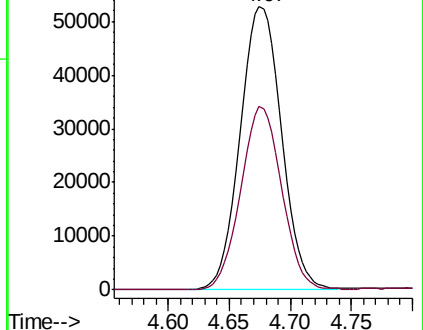
83 100

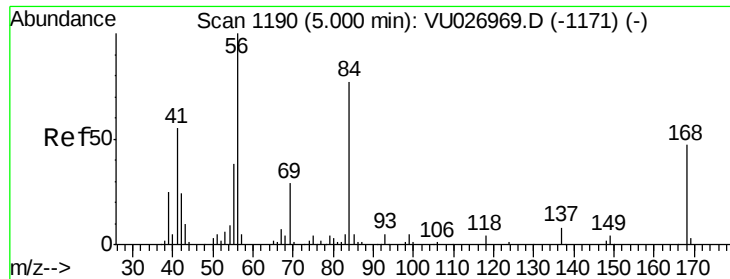
85 64.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU026969.D (-1071) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-1071) (-)

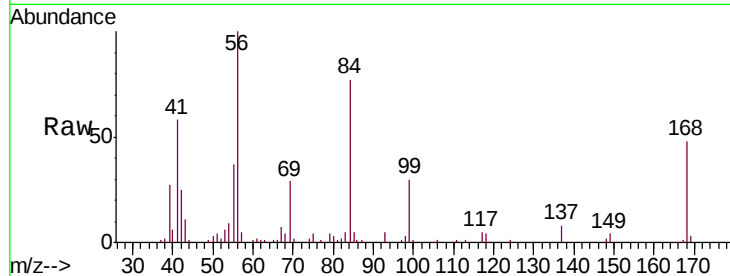




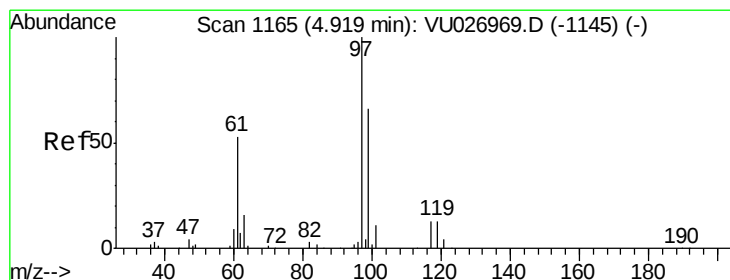
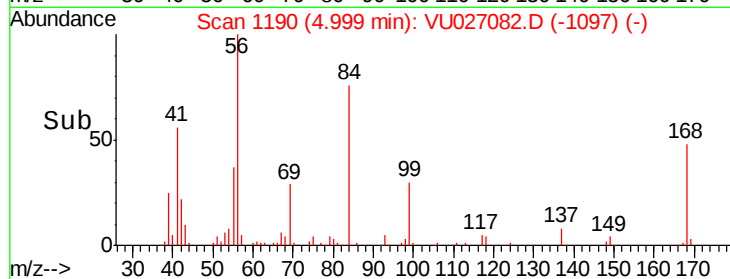
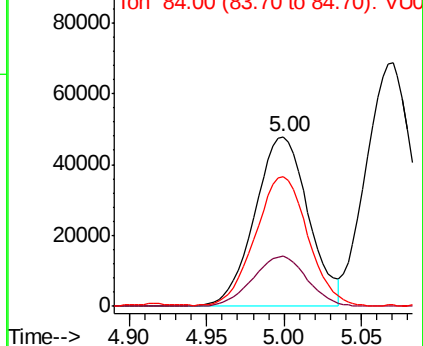
#31
Cyclohexane
Concen: 49.008 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tgt Ion: 56 Resp: 115413
Ion Ratio Lower Upper
56 100
69 29.4 23.0 34.4
84 76.0 61.4 92.2

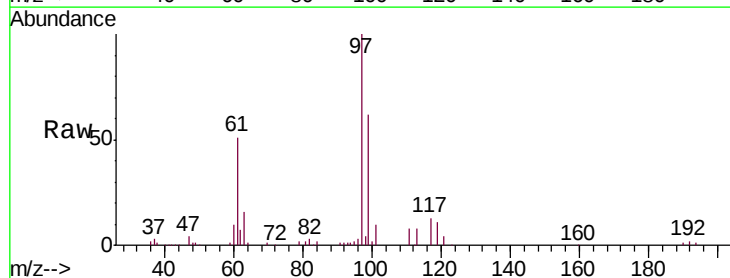


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

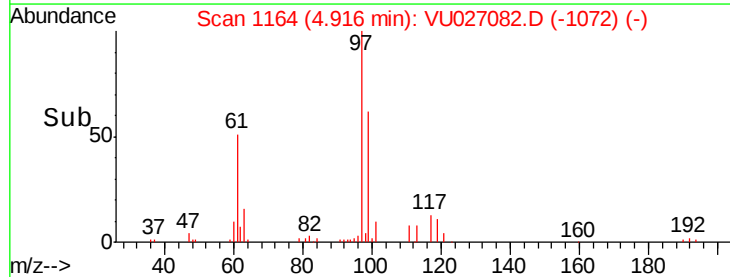
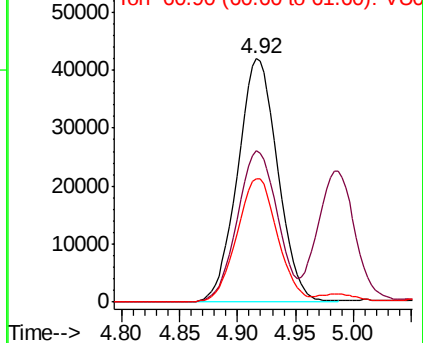


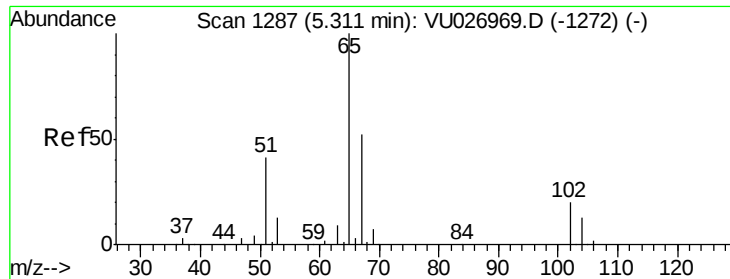
#32
1,1,1-Trichloroethane
Concen: 52.576 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion: 97 Resp: 100924
Ion Ratio Lower Upper
97 100
99 62.3 51.8 77.6
61 51.5 41.1 61.7



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

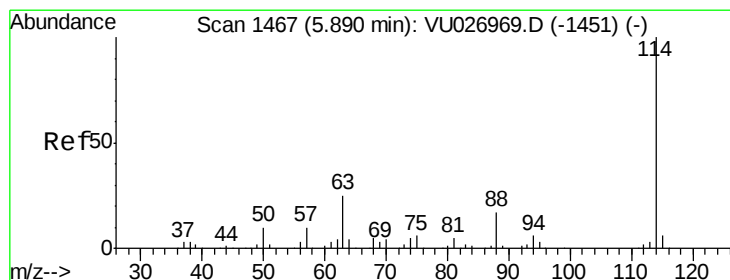
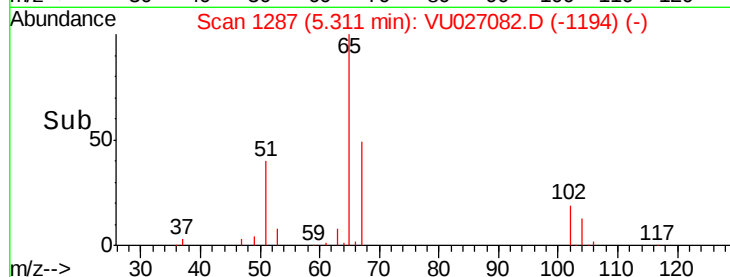
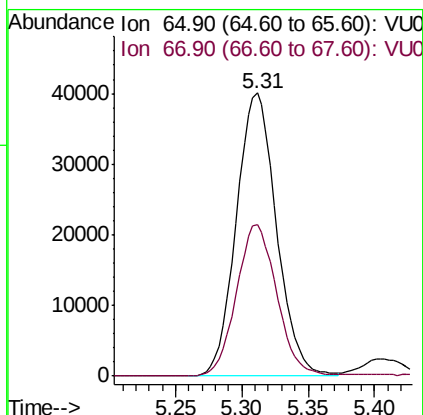
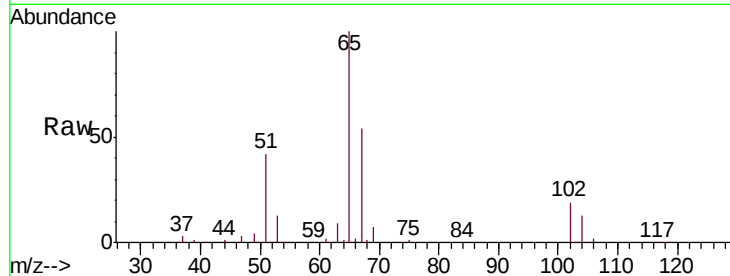




#33
 1,2-Dichloroethane-d4
 Concen: 53.470 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

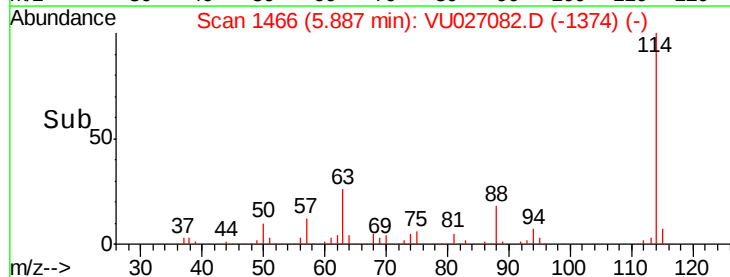
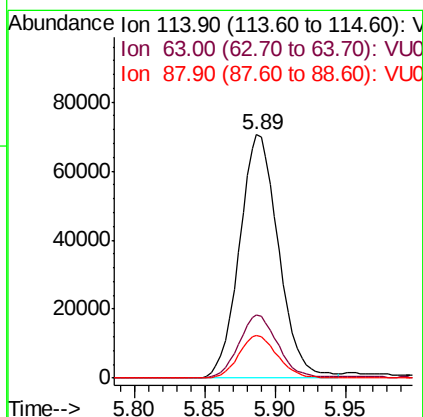
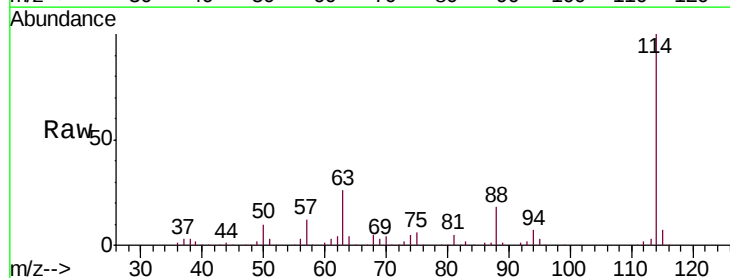
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

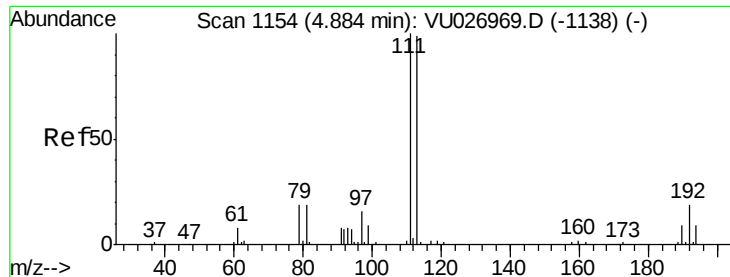
Tgt Ion: 65 Resp: 84466
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion: 114 Resp: 136849
 Ion Ratio Lower Upper
 114 100
 63 26.1 0.0 49.2
 88 17.6 0.0 33.8

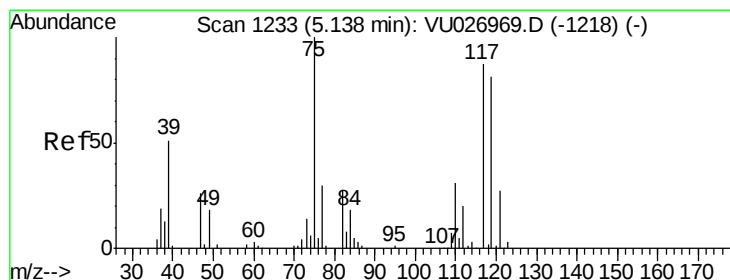
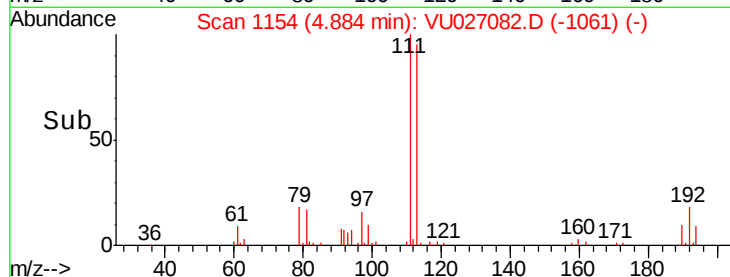
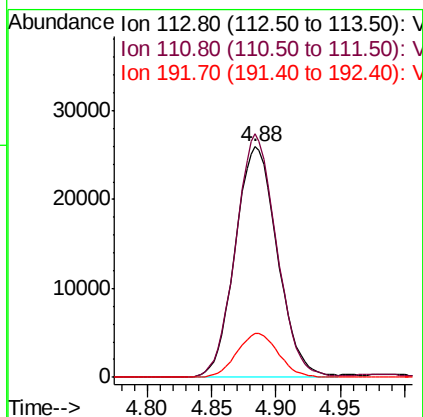
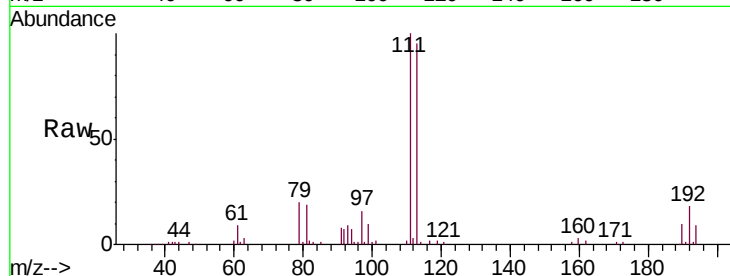




#35
 Dibromofluoromethane
 Concen: 49.950 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

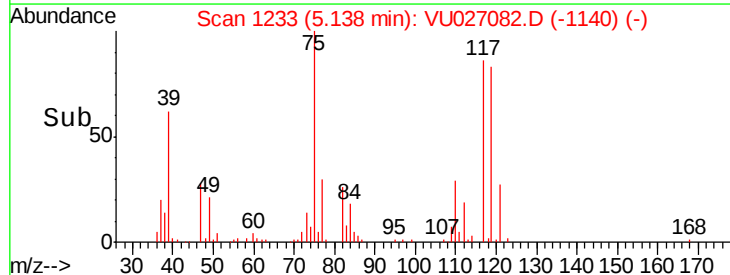
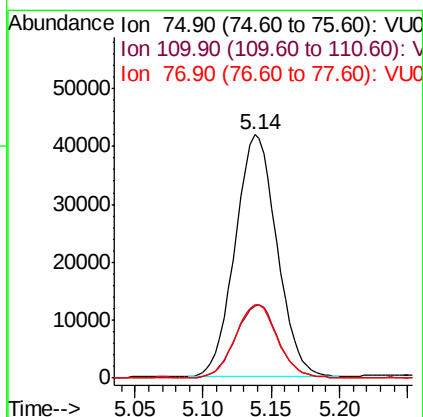
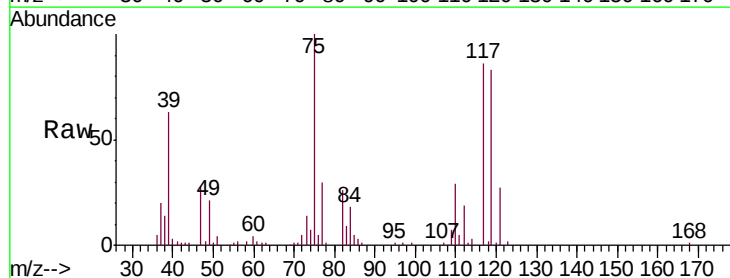
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

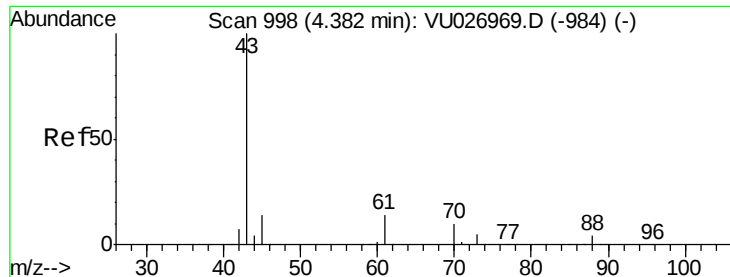
Tgt Ion:113 Resp: 59251
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.4
 192 18.6 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 48.604 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion: 75 Resp: 88771
 Ion Ratio Lower Upper
 75 100
 110 31.0 16.1 48.2
 77 30.9 24.6 36.8





#37

Ethyl Acetate

Concen: 44.424 ug/l

RT: 4.38 min Scan# 998

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

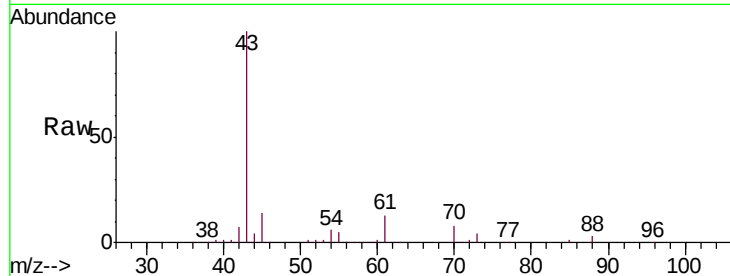
Tgt Ion: 43 Resp: 109837

Ion Ratio Lower Upper

43 100

61 13.1 10.5 15.7

70 8.4 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-984) (-)

Ion 60.90 (60.60 to 61.60): VU026969.D (-984) (-)

Ion 70.00 (69.70 to 70.70): VU026969.D (-984) (-)

150000

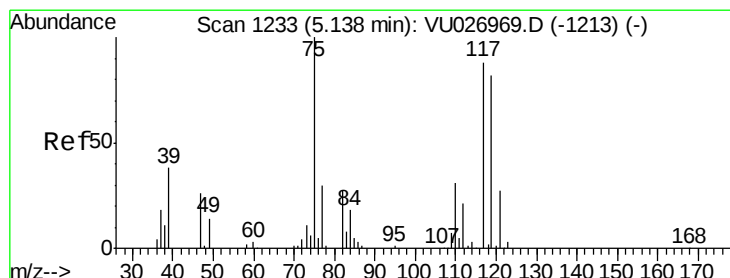
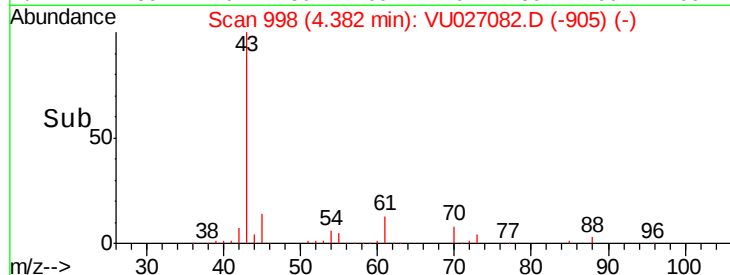
100000

50000

0

4.38

Time-->



#38

Carbon Tetrachloride

Concen: 48.120 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

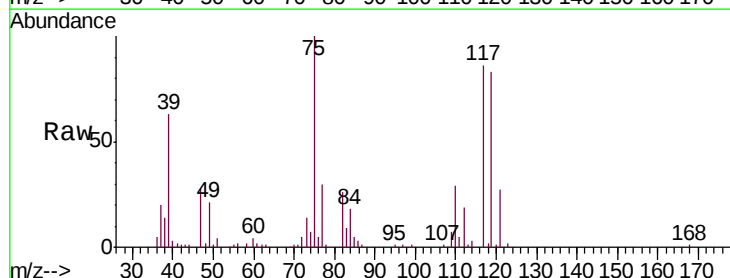
Tgt Ion: 117 Resp: 83635

Ion Ratio Lower Upper

117 100

119 96.5 74.4 111.6

121 31.3 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-1213) (-)

Ion 118.80 (118.50 to 119.50): VU026969.D (-1213) (-)

Ion 120.80 (120.50 to 121.50): VU026969.D (-1213) (-)

50000

40000

30000

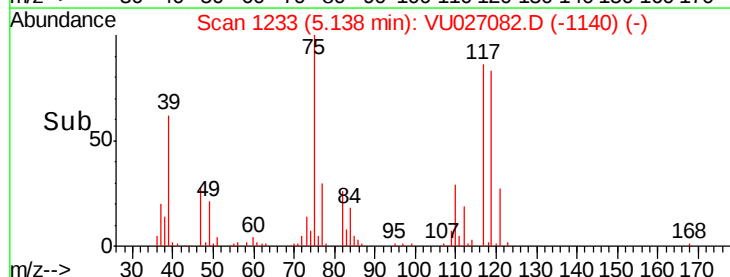
20000

10000

0

5.14

Time-->

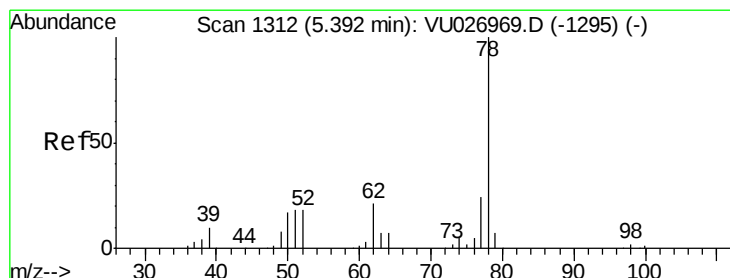
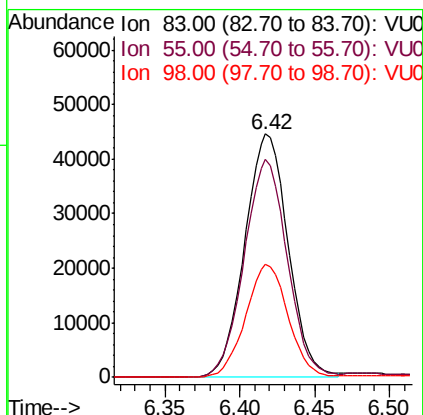
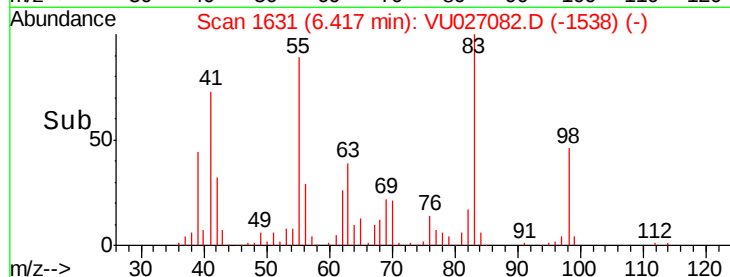
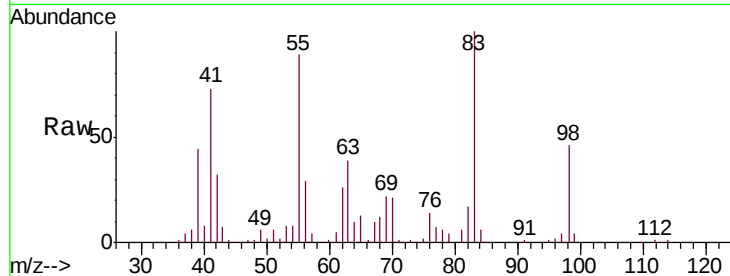




#39
Methylcyclohexane
Concen: 45.365 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

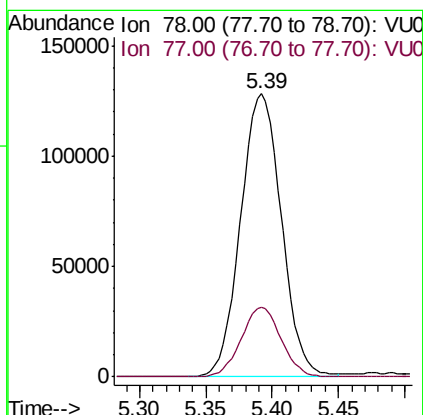
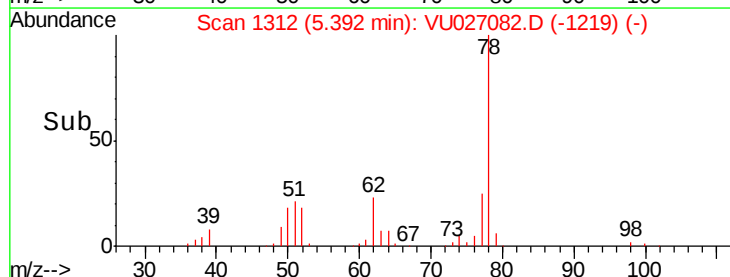
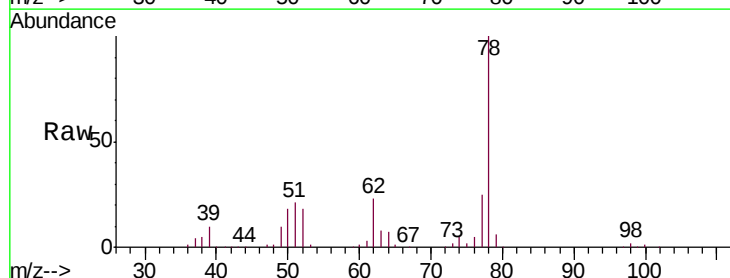
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tgt Ion: 83 Resp: 90039
Ion Ratio Lower Upper
83 100
55 89.5 69.9 104.9
98 46.4 37.5 56.3



#40
Benzene
Concen: 49.542 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion: 78 Resp: 275069
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0

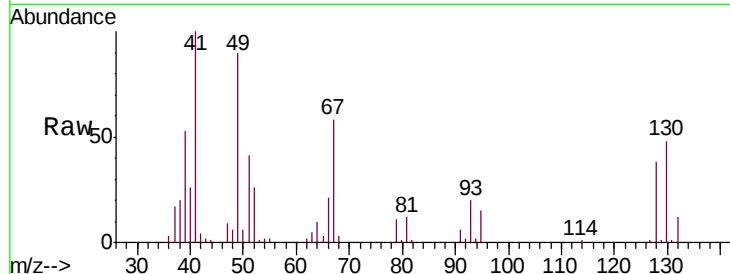




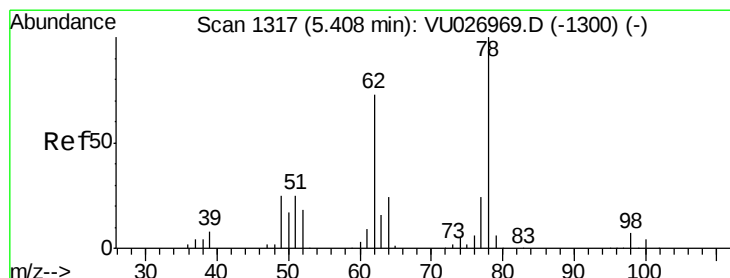
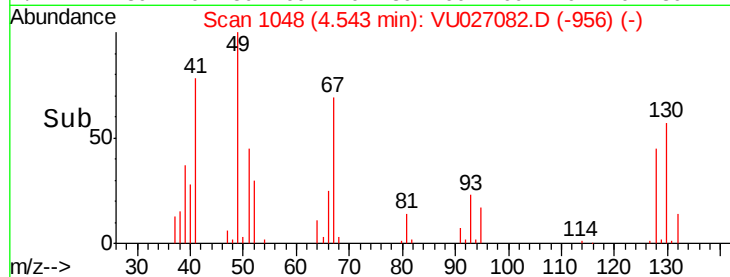
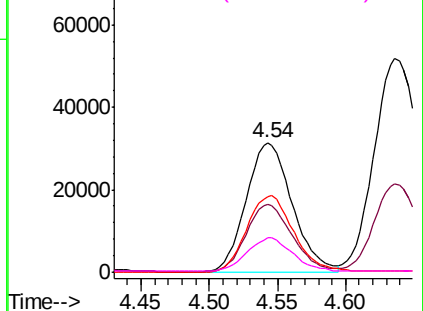
#41
Methacrylonitrile
Concen: 56.906 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tgt Ion:	41	Resp:	73071
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.9	64.3
67	61.3	52.4	78.6
52	25.9	21.3	31.9

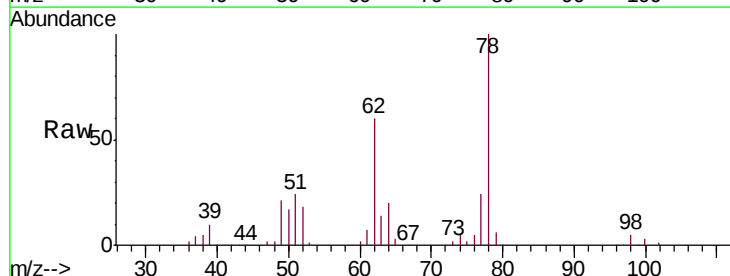


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

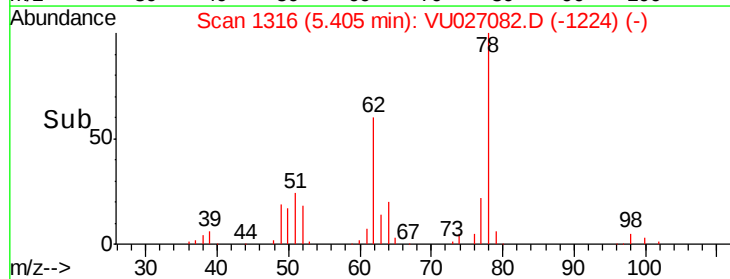
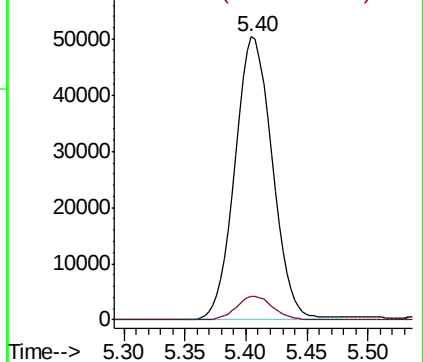


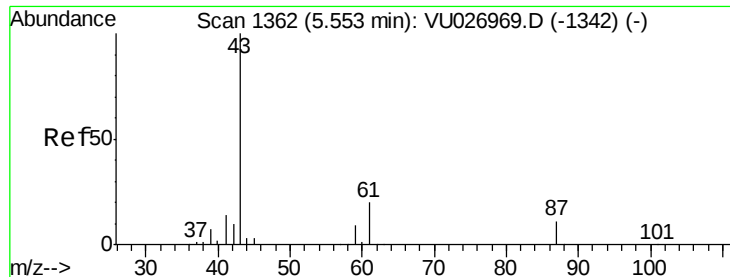
#42
1,2-Dichloroethane
Concen: 51.273 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion:	62	Resp:	107556
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 49.078 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

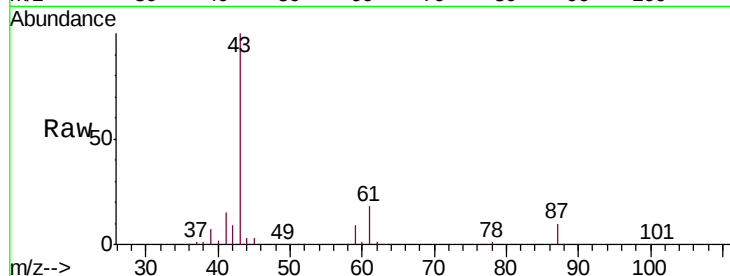
Tgt Ion: 43 Resp: 176964

Ion Ratio Lower Upper

43 100

61 18.9 15.7 23.5

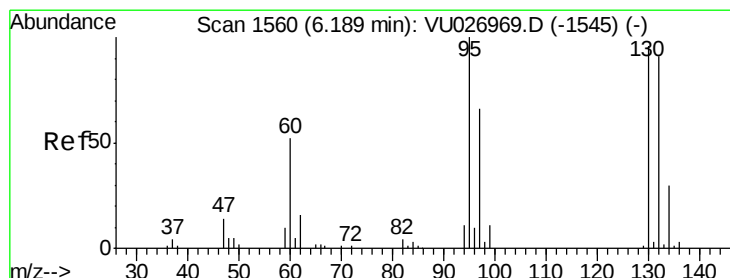
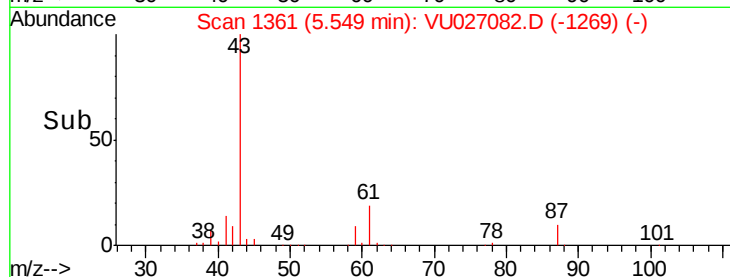
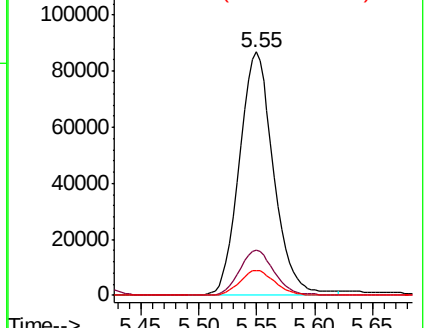
87 10.6 9.0 13.4



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

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

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



#44

Trichloroethene

Concen: 47.916 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VU027082.D

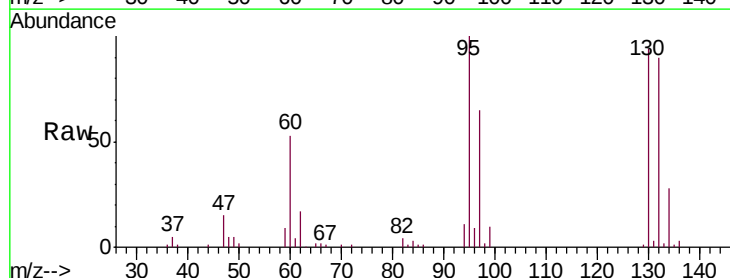
Acq: 23 Sep 2018 19:10

Tgt Ion: 130 Resp: 56638

Ion Ratio Lower Upper

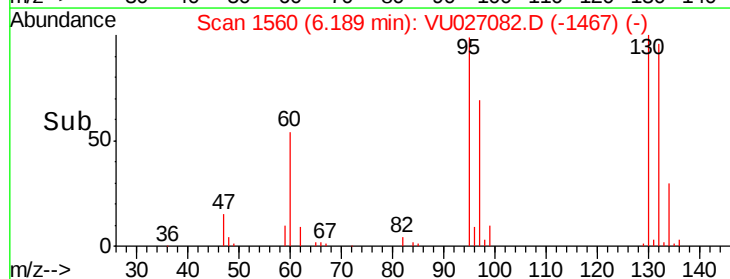
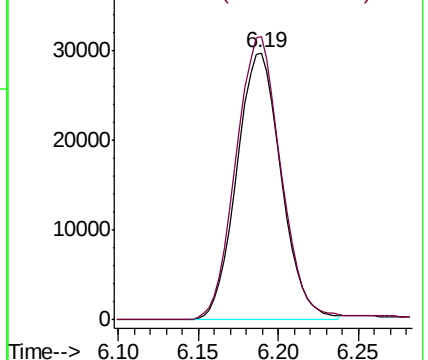
130 100

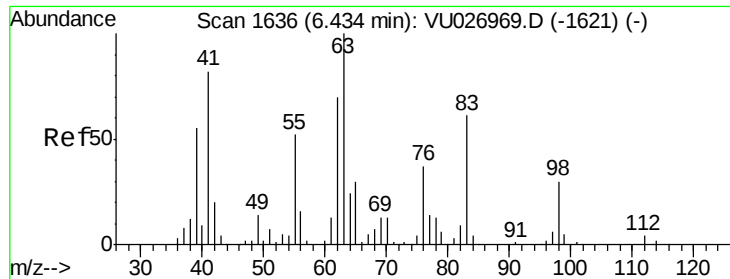
95 106.1 0.0 208.8



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

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





#45

1,2-Dichloropropane

Concen: 52.794 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

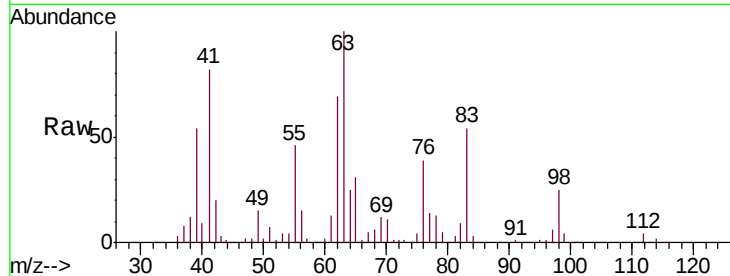
BP-TT-SW4002-20180915MS

Tgt Ion: 63 Resp: 83522

Ion Ratio Lower Upper

63 100

65 31.3 24.3 36.5

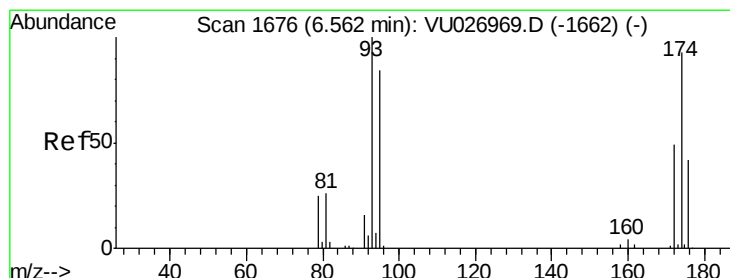
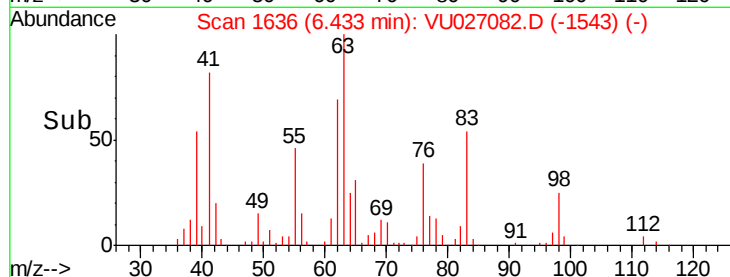


Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-1621) (-)

Ion 64.90 (64.60 to 65.60): VU026969.D (-1621) (-)

6.43

Time-->



#46

Dibromomethane

Concen: 50.454 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

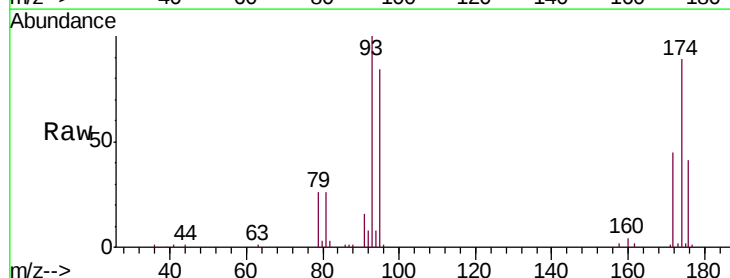
Tgt Ion: 93 Resp: 48207

Ion Ratio Lower Upper

93 100

95 80.8 66.2 99.4

174 87.6 71.7 107.5



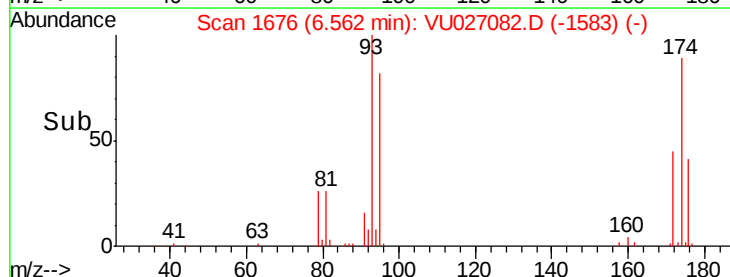
Abundance Ion 92.80 (92.50 to 93.50): VU026969.D (-1662) (-)

Ion 94.80 (94.50 to 95.50): VU026969.D (-1662) (-)

Ion 173.70 (173.40 to 174.40): VU026969.D (-1662) (-)

6.56

Time-->





#47

Bromodichloromethane

Concen: 49.621 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

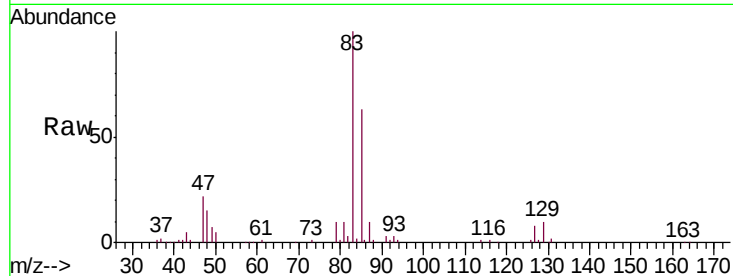
Tgt Ion: 83 Resp: 95868

Ion Ratio Lower Upper

83 100

85 62.9 52.5 78.7

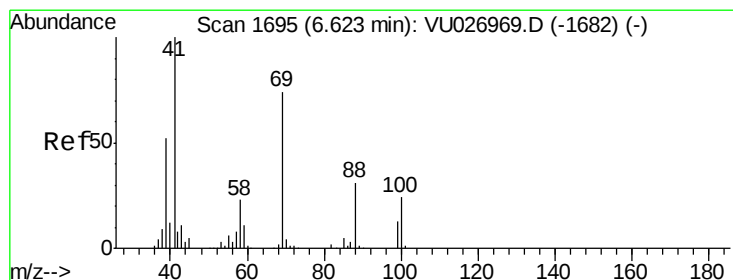
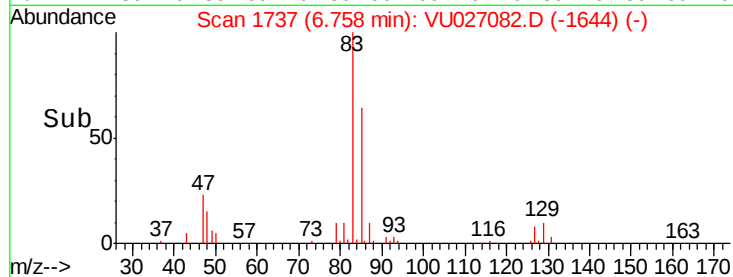
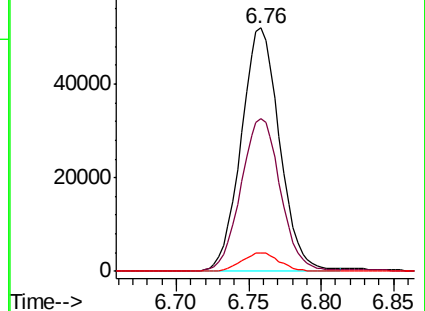
127 7.7 6.3 9.5



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

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

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



#48

Methyl methacrylate

Concen: 50.687 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

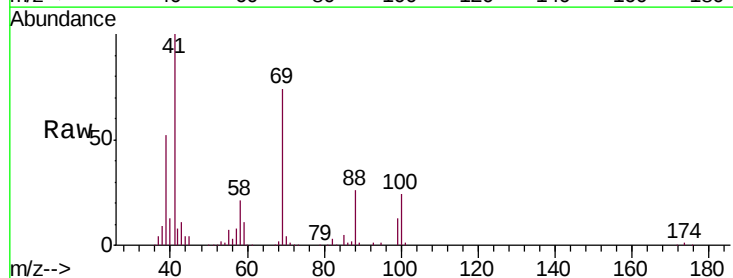
Tgt Ion: 41 Resp: 99503

Ion Ratio Lower Upper

41 100

69 75.1 60.6 90.8

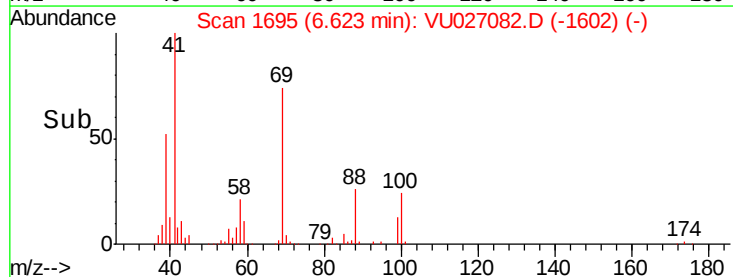
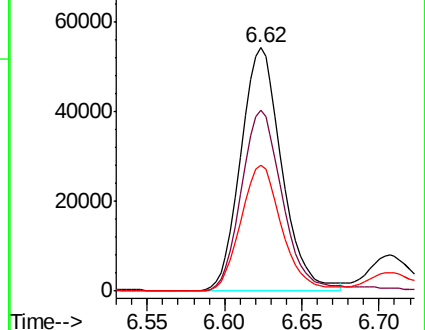
39 52.2 42.8 64.2

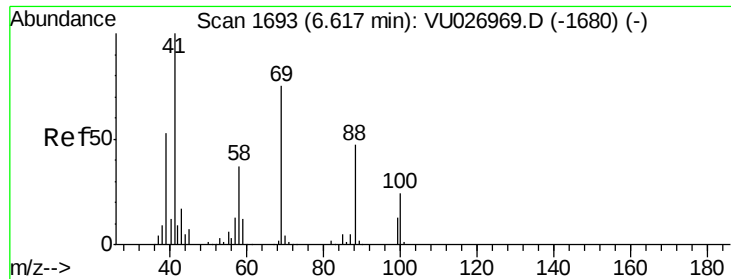


Abundance Ion 41.00 (40.70 to 41.70): VU026969.D (-1682) (-)

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

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

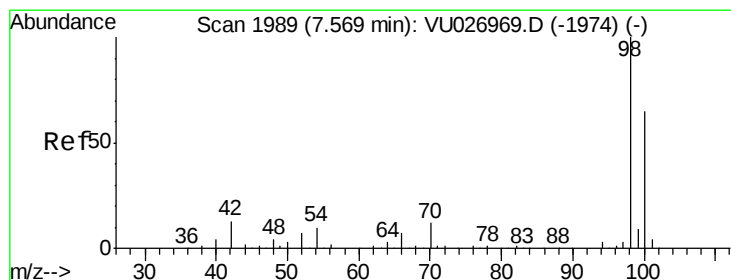
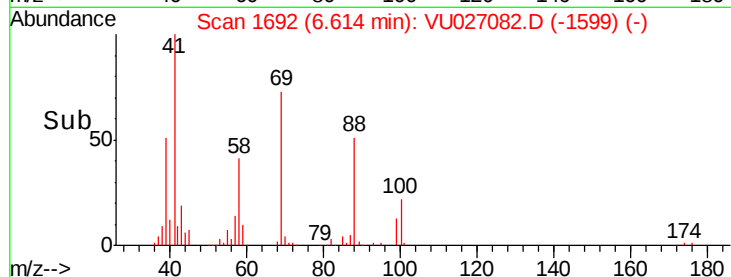
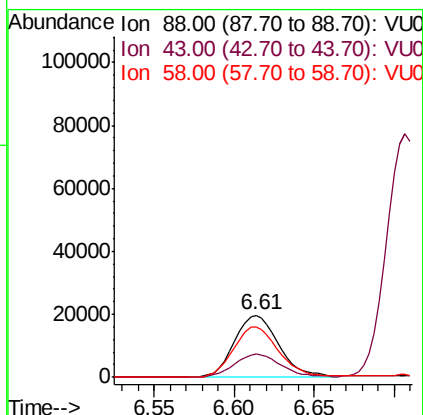
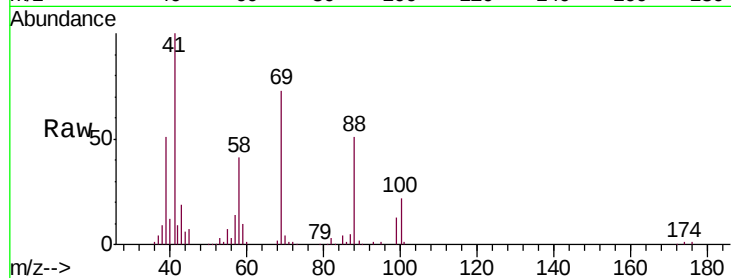




#49
1,4-Dioxane
Concen: 962.868 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

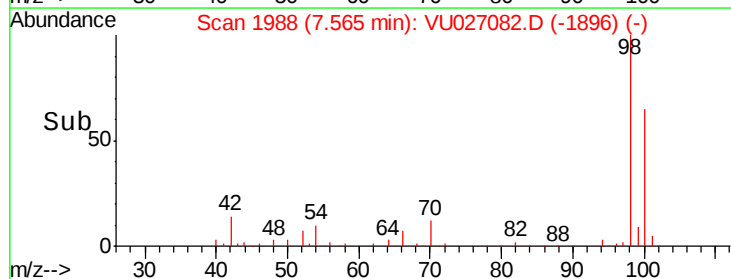
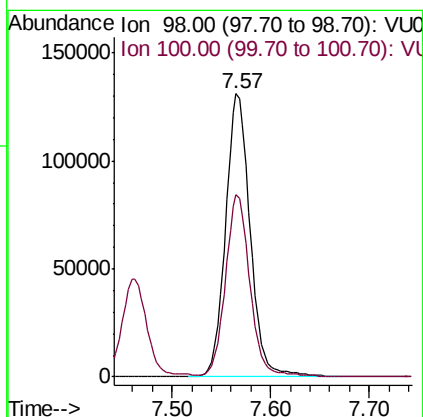
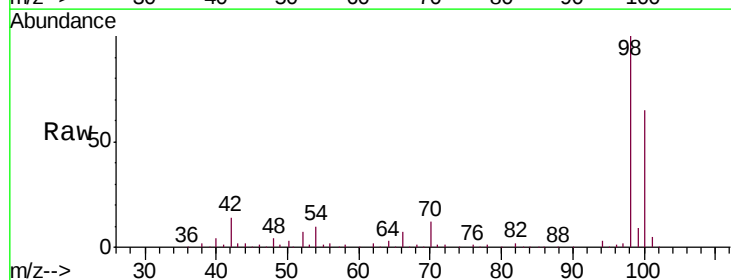
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tgt Ion: 88 Resp: 37531
Ion Ratio Lower Upper
88 100
43 39.9 29.8 44.8
58 83.6 63.9 95.9



#50
Toluene-d8
Concen: 50.796 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion: 98 Resp: 229635
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1

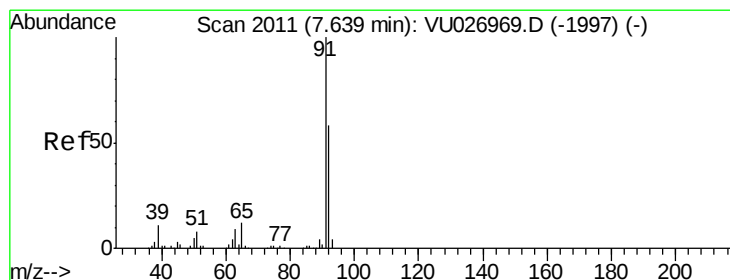
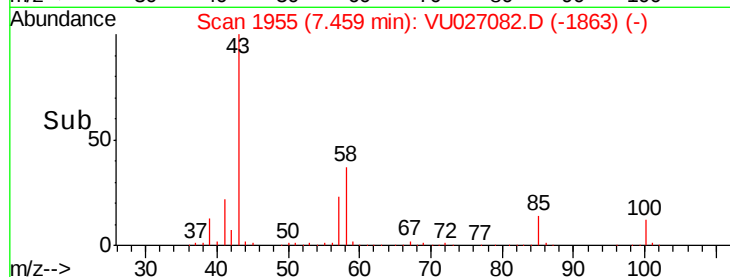
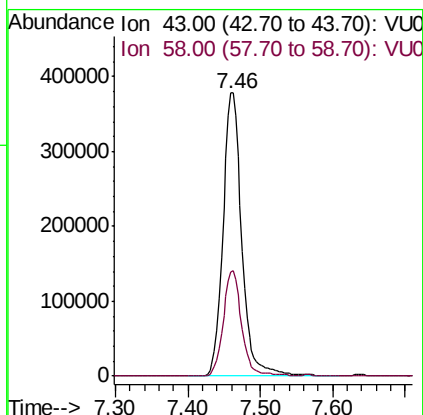
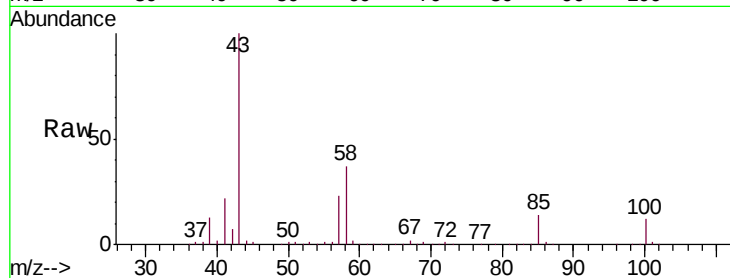




#51
 4-Methyl-2-Pentanone
 Concen: 279.703 ug/l
 RT: 7.46 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

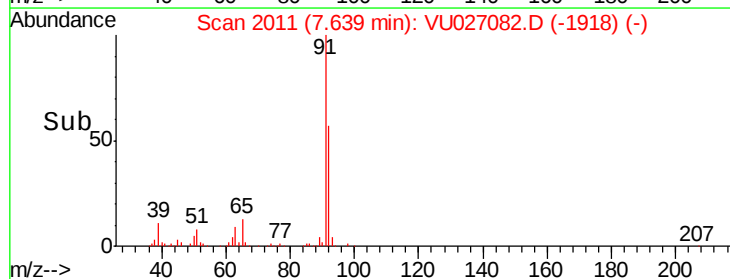
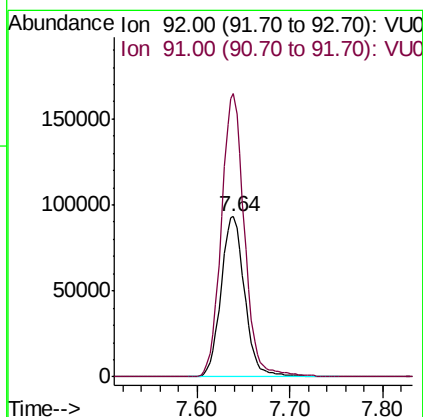
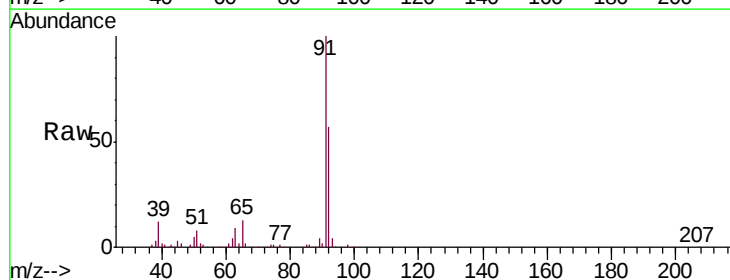
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

Tgt Ion: 43 Resp: 678313
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.8 44.6



#52
 Toluene
 Concen: 51.883 ug/l
 RT: 7.64 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion: 92 Resp: 165121
 Ion Ratio Lower Upper
 92 100
 91 172.8 136.4 204.6

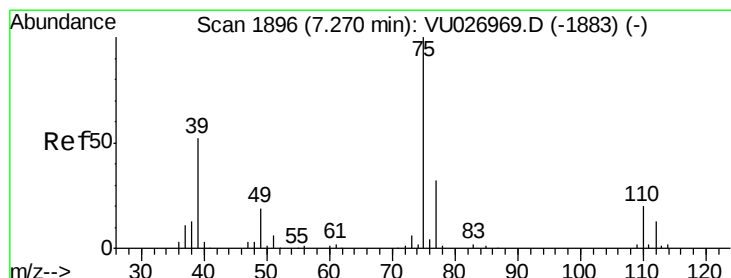
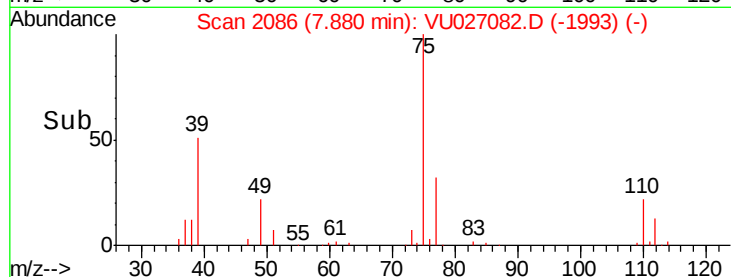
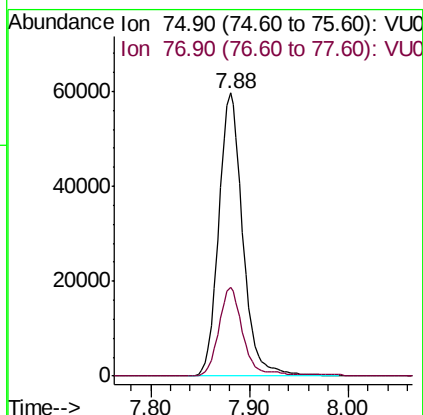
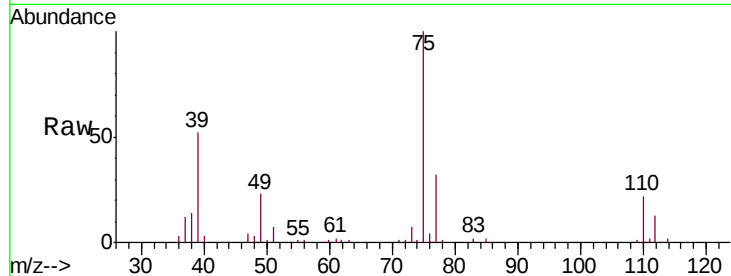




#53
t-1,3-Dichloropropene
Concen: 49.201 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

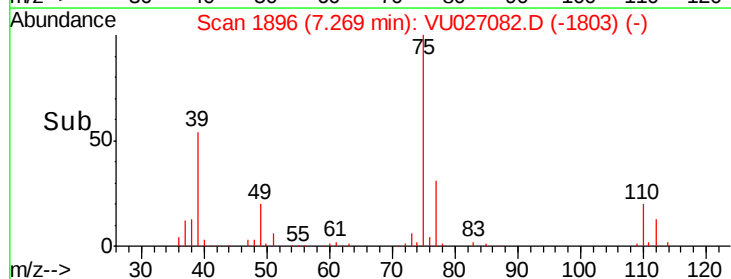
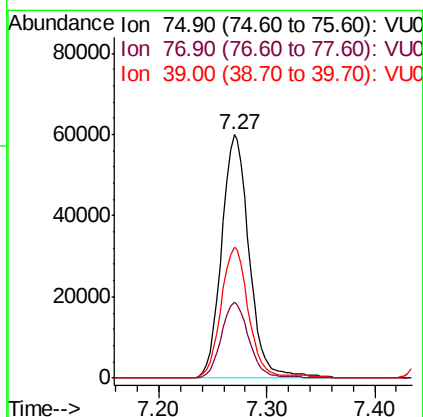
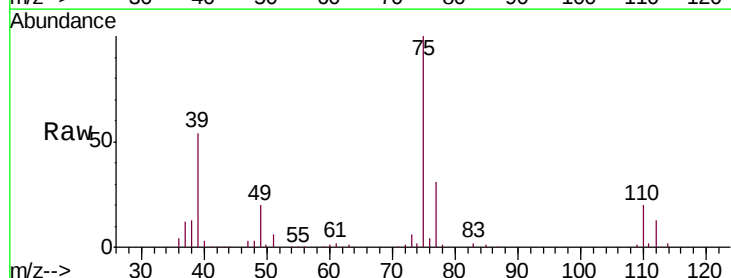
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tgt Ion: 75 Resp: 102130
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 46.881 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion: 75 Resp: 106999
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0
39 53.9 41.6 62.4

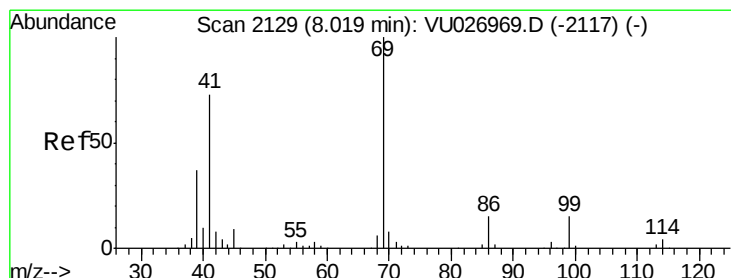
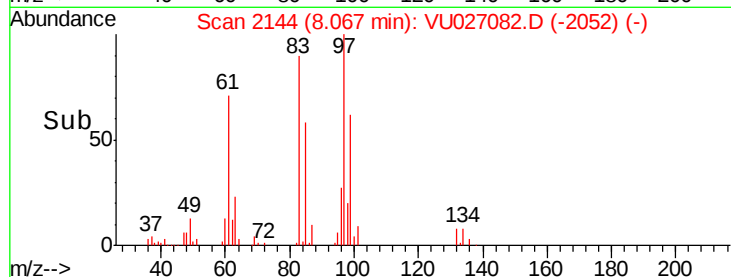
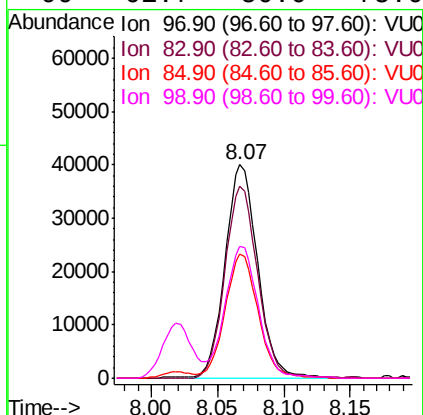
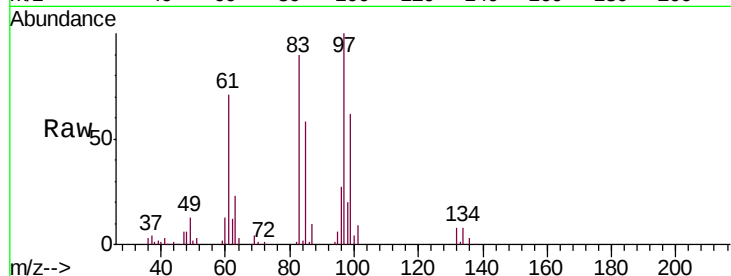




#55
 1,1,2-Trichloroethane
 Concen: 50.400 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

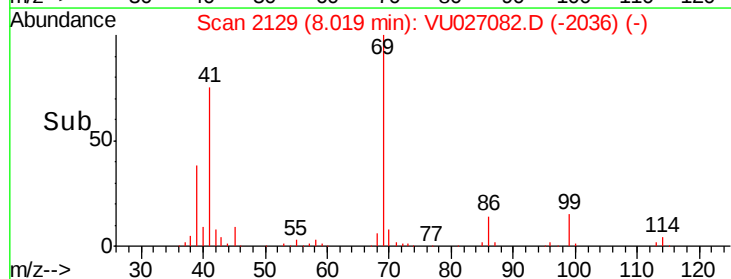
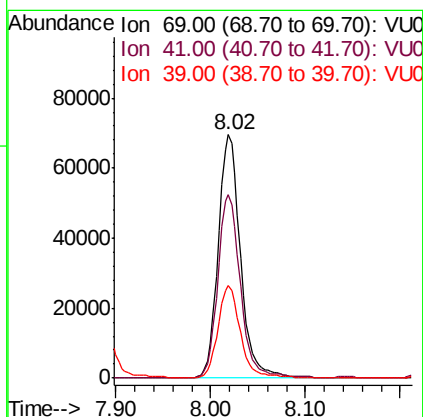
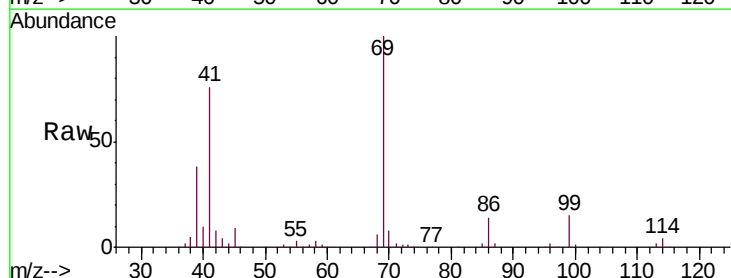
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

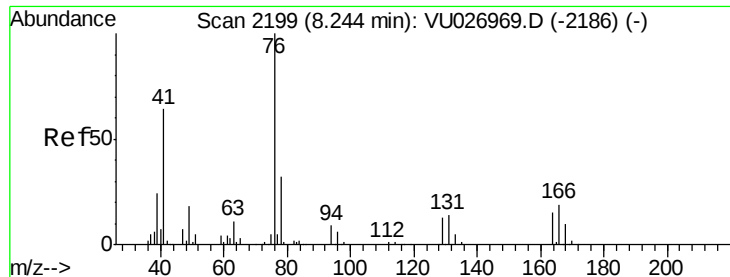
Tgt Ion:	97	Resp:	67966
Ion	Ratio	Lower	Upper
97	100		
83	90.3	73.1	109.7
85	58.3	46.7	70.1
99	61.7	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 48.740 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion:	69	Resp:	113909
Ion	Ratio	Lower	Upper
69	100		
41	76.5	59.0	88.4
39	37.5	30.2	45.4





#57

1,3-Dichloropropane

Concen: 52.183 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

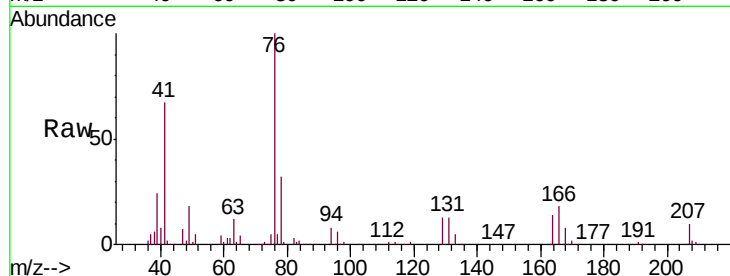
BP-TT-SW4002-20180915MS

Tgt Ion: 76 Resp: 130883

Ion Ratio Lower Upper

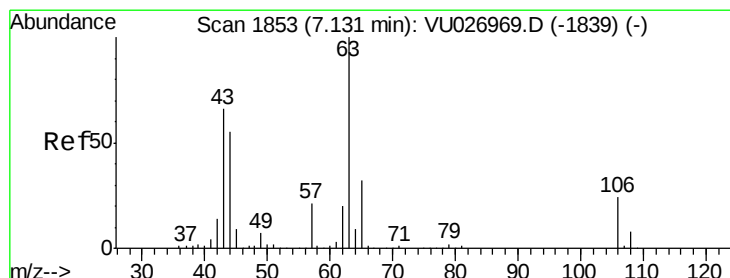
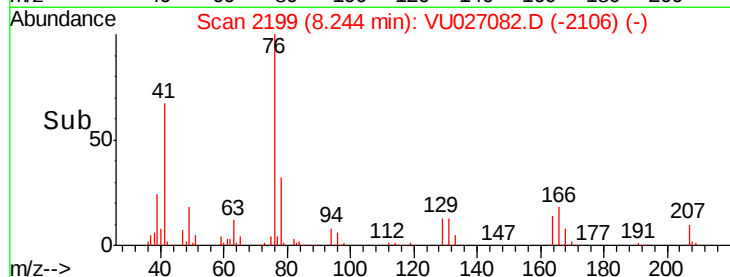
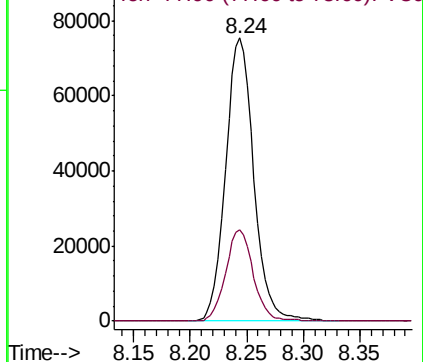
76 100

78 31.6 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 5.268 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. 0.14 min

Lab File: VU027082.D

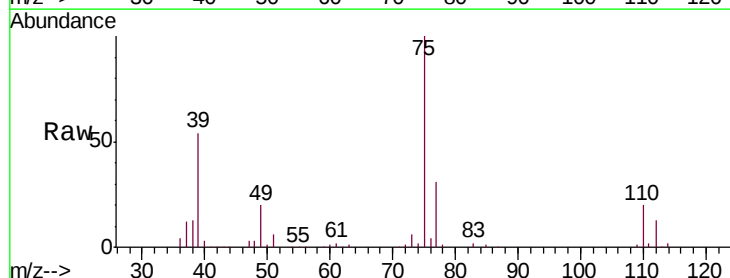
Acq: 23 Sep 2018 19:10

Tgt Ion: 63 Resp: 550

Ion Ratio Lower Upper

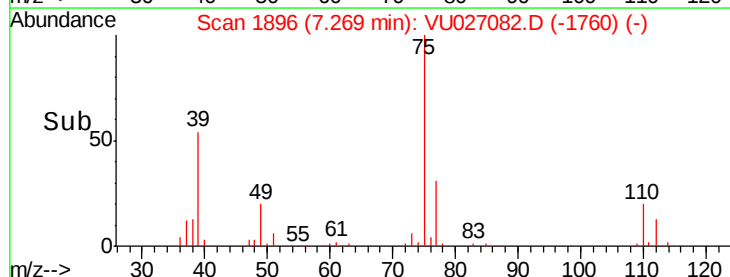
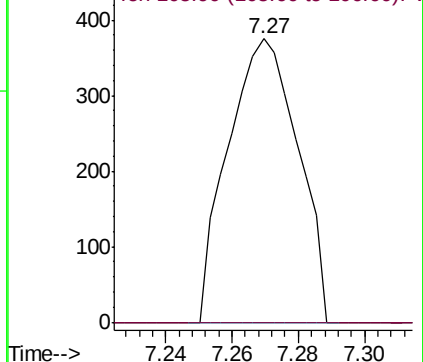
63 100

106 0.0 18.7 28.1#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

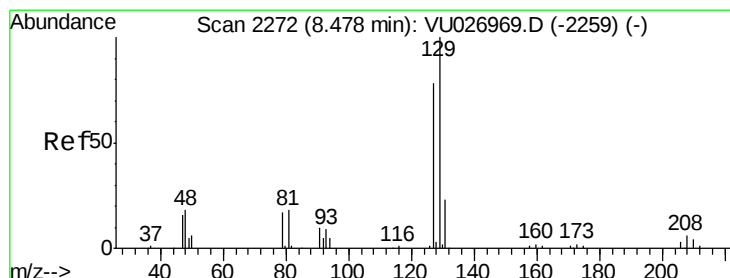
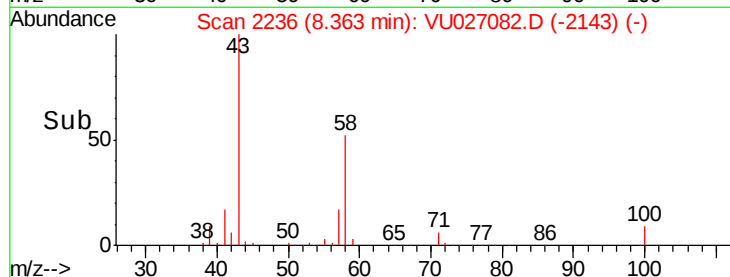
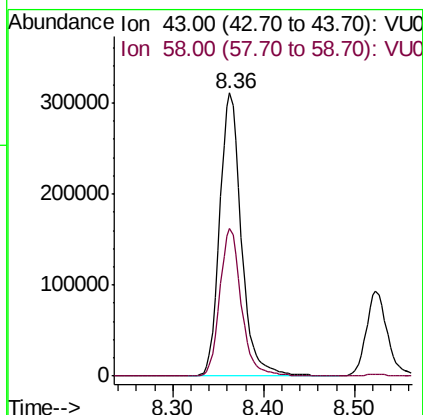
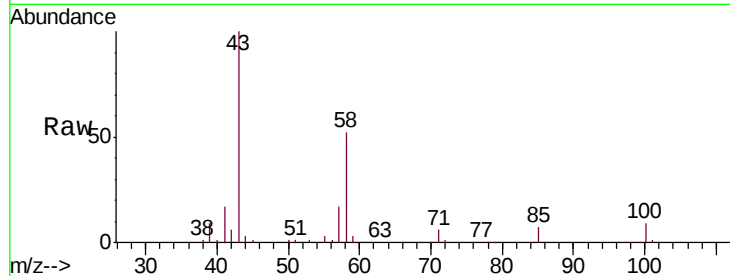




#59
2-Hexanone
Concen: 271.801 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

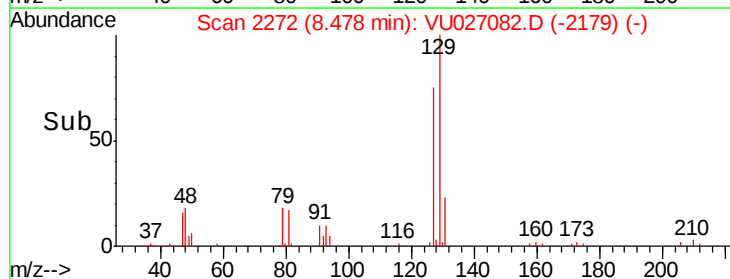
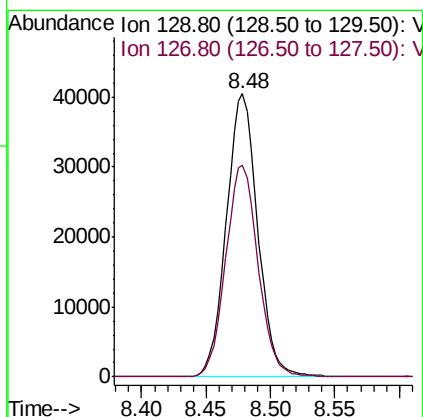
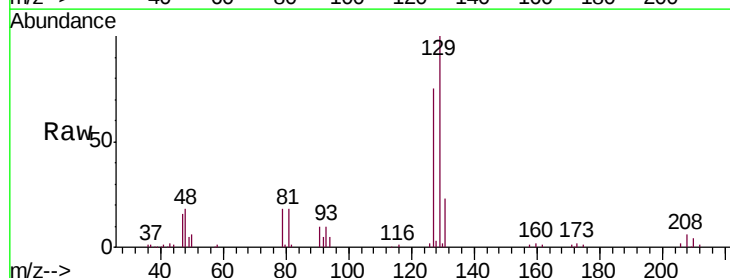
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tgt Ion: 43 Resp: 515968
Ion Ratio Lower Upper
43 100
58 51.7 26.1 78.2



#60
Dibromochloromethane
Concen: 51.726 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion: 129 Resp: 68421
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.5

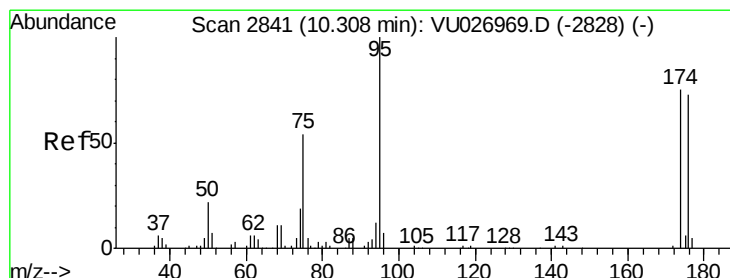
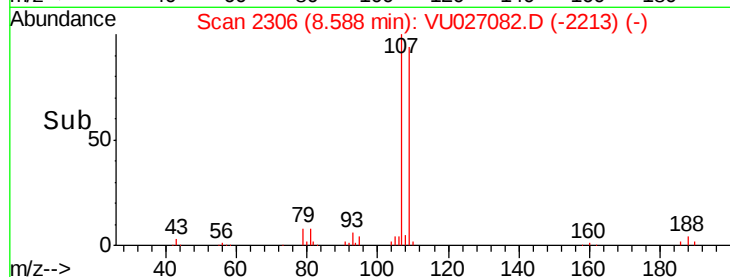
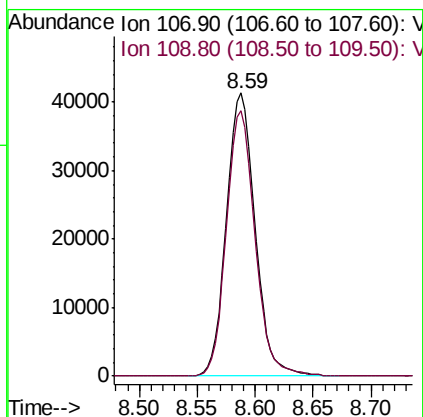
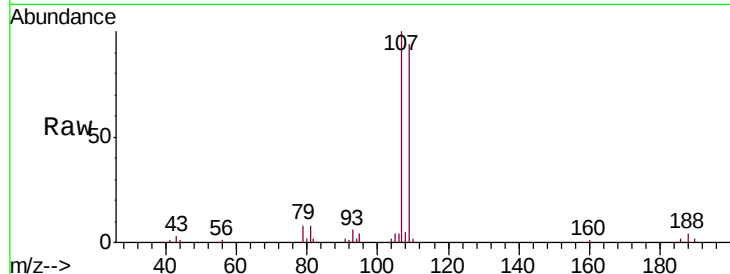




#61
 1,2-Dibromoethane
 Concen: 50.282 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

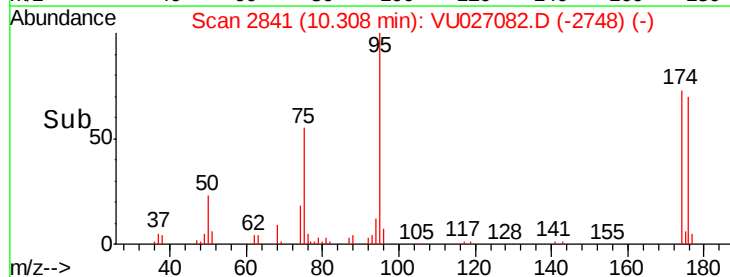
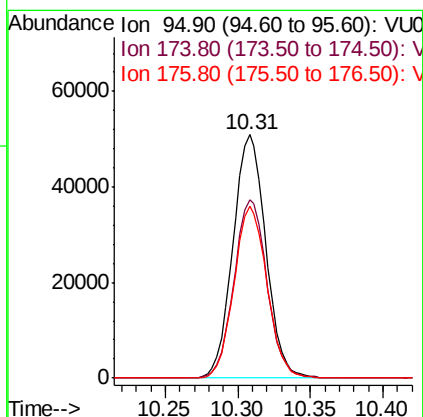
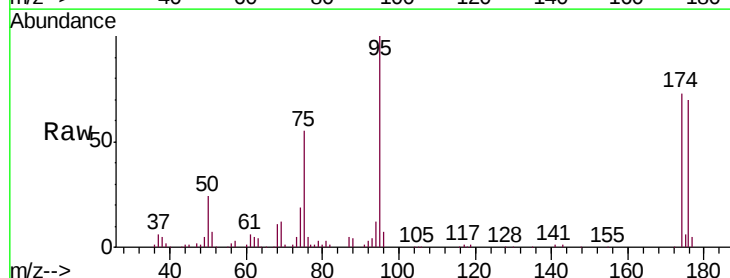
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

Tgt Ion: 107 Resp: 70550
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 51.459 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion: 95 Resp: 79823
 Ion Ratio Lower Upper
 95 100
 174 74.1 0.0 150.2
 176 71.0 0.0 145.2

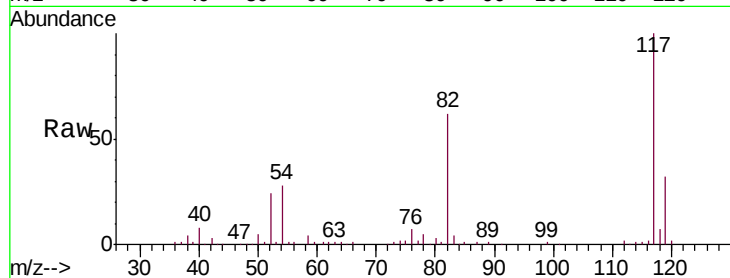




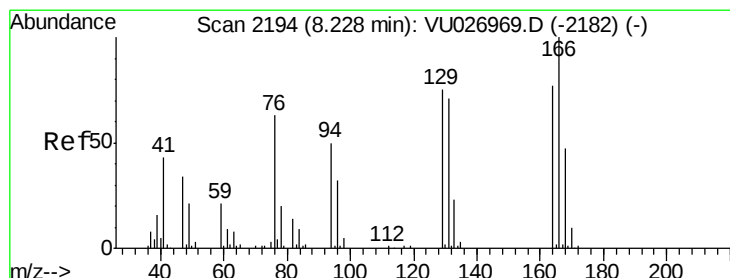
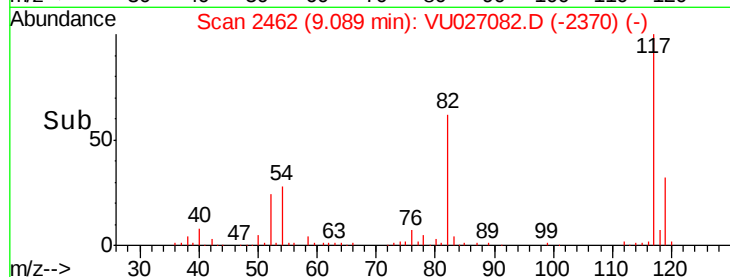
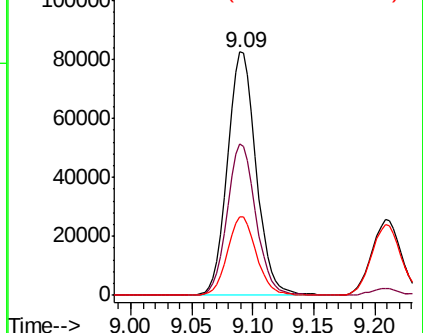
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tgt Ion:117 Resp: 136244
Ion Ratio Lower Upper
117 100
82 62.1 48.0 72.0
119 32.5 25.8 38.8

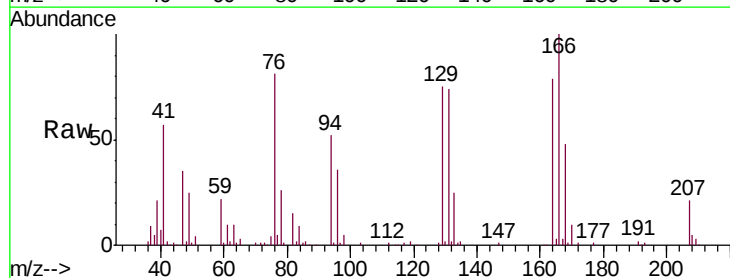


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

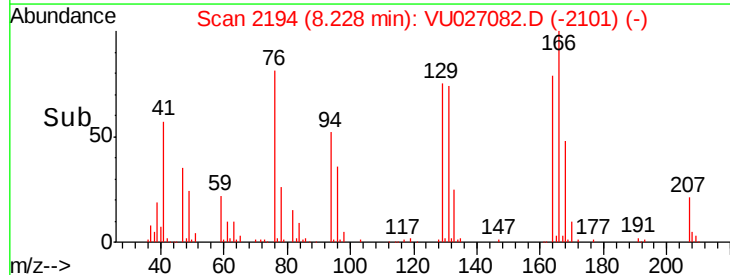
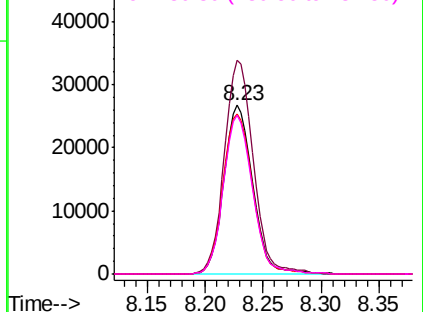


#64
Tetrachloroethene
Concen: 43.699 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion:164 Resp: 45878
Ion Ratio Lower Upper
164 100
166 126.6 104.4 156.6
129 94.7 78.7 118.1
131 93.9 73.9 110.9



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

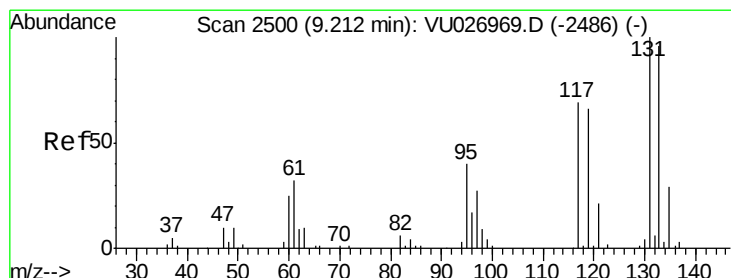
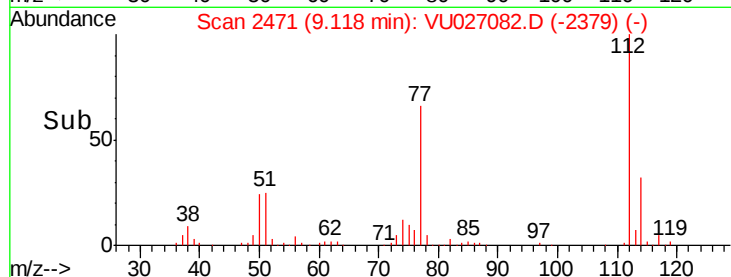
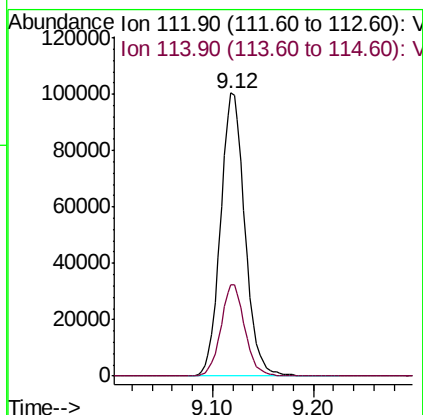
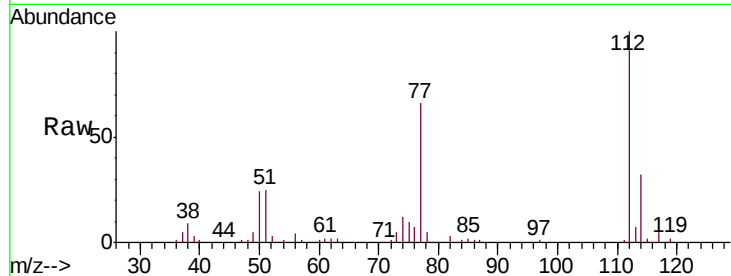




#65
Chlorobenzene
Concen: 46.891 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

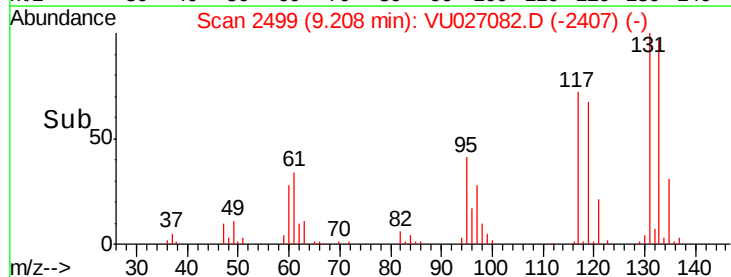
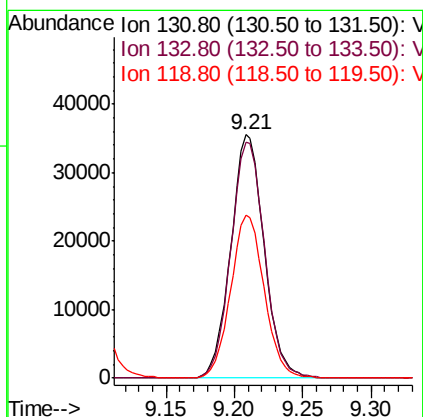
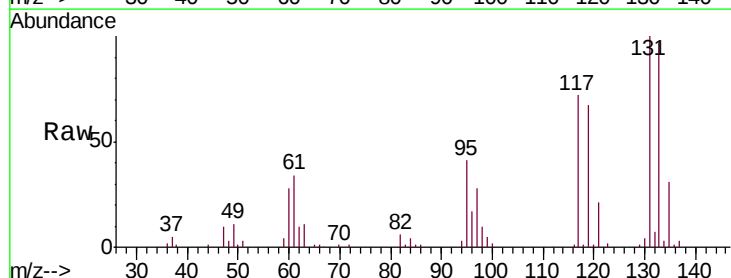
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

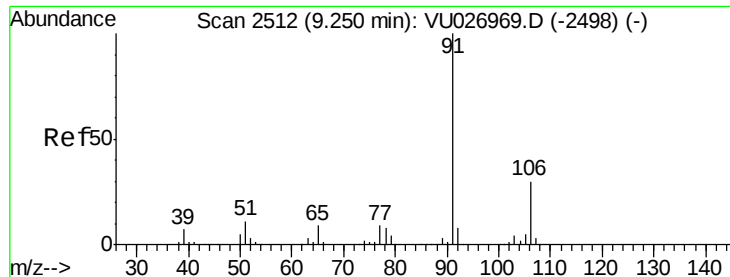
Tgt Ion:112 Resp: 169395
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.491 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion:131 Resp: 60337
Ion Ratio Lower Upper
131 100
133 97.8 48.0 144.2
119 67.4 33.4 100.1

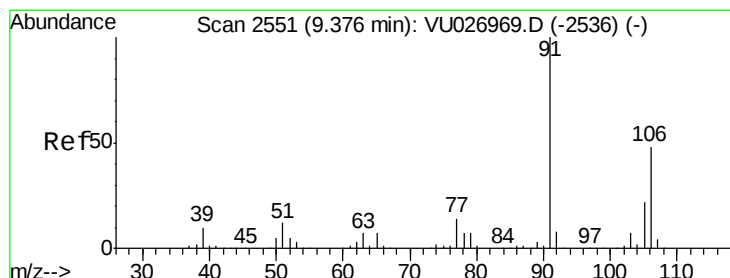
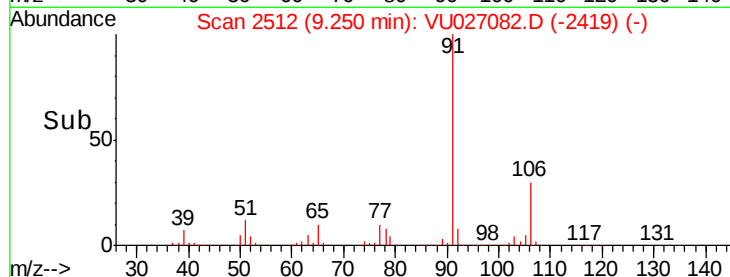
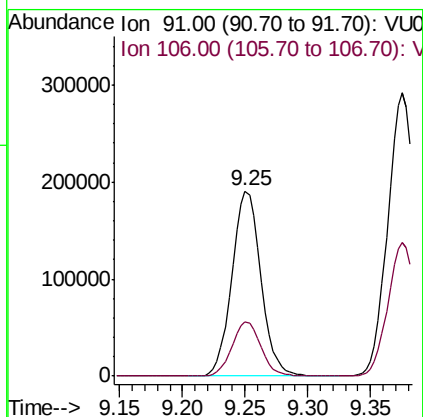
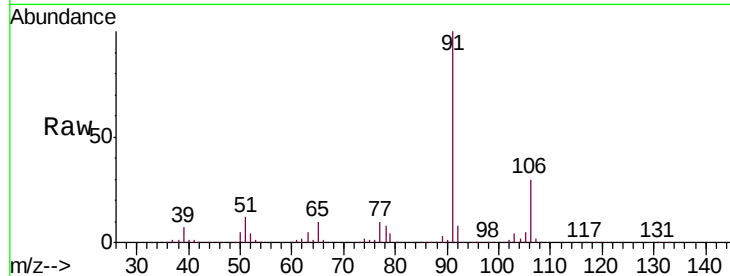




#67
Ethyl Benzene
Concen: 51.395 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

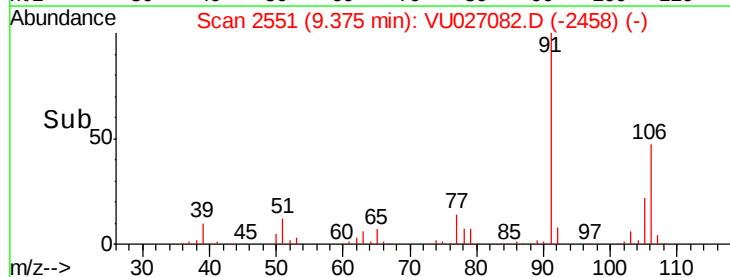
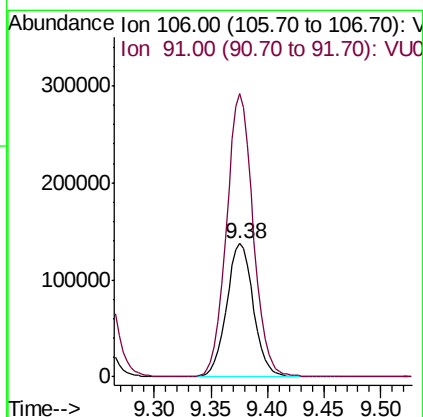
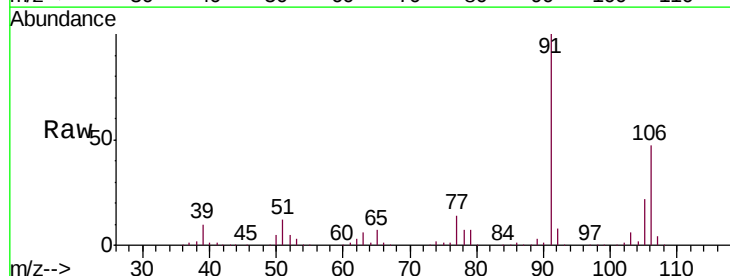
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tgt Ion: 91 Resp: 305306
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.8



#68
m/p-Xylenes
Concen: 94.210 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion: 106 Resp: 226435
Ion Ratio Lower Upper
106 100
91 210.9 166.5 249.7

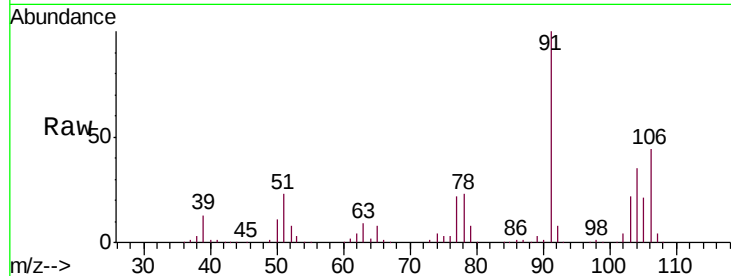




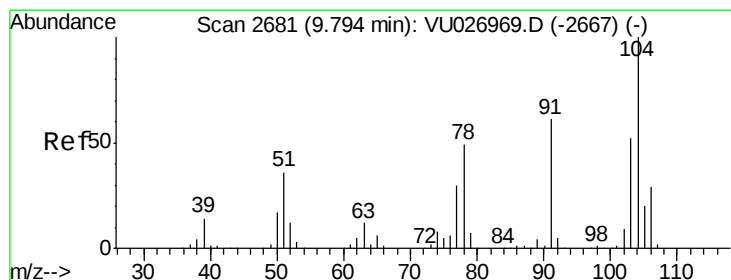
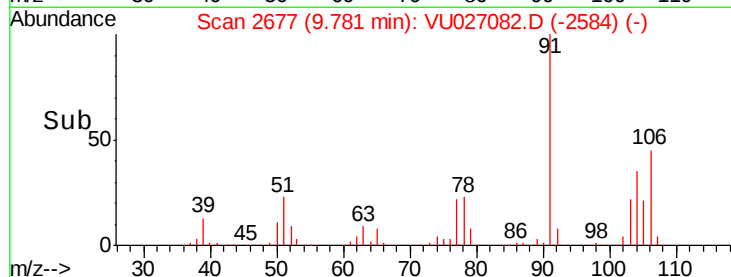
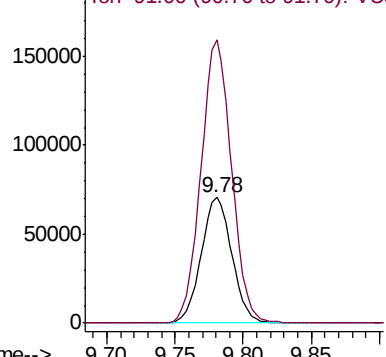
#69
o-Xylene
Concen: 52.429 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tgt Ion:106 Resp: 110349
Ion Ratio Lower Upper
106 100
91 224.9 110.2 330.6

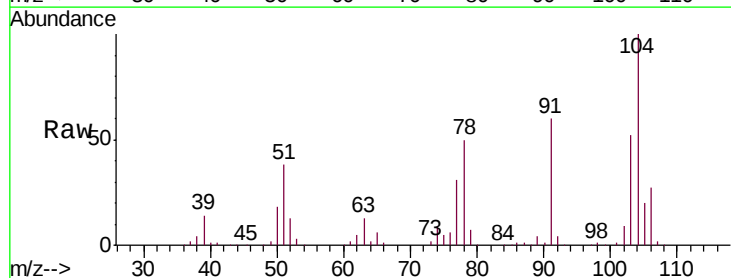


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

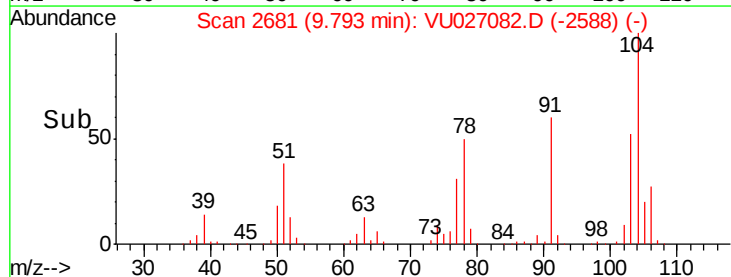
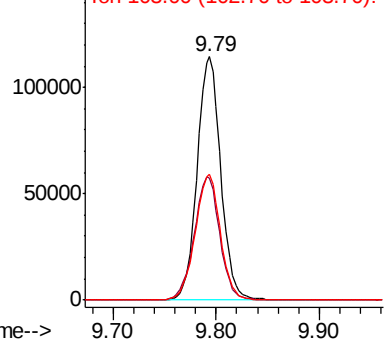


#70
Styrene
Concen: 46.639 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion:104 Resp: 182791
Ion Ratio Lower Upper
104 100
78 54.7 43.0 64.4
103 55.1 44.1 66.1



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





#71

Bromoform

Concen: 50.442 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

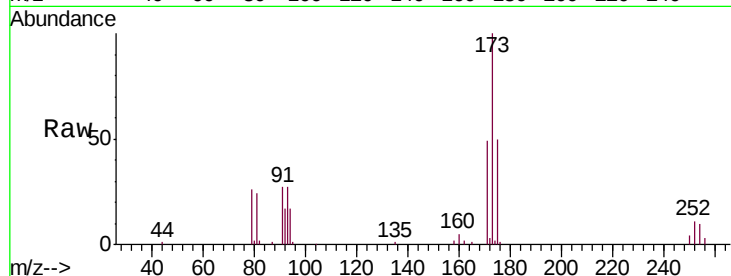
Tgt Ion:173 Resp: 48536

Ion Ratio Lower Upper

173 100

175 48.0 23.9 71.8

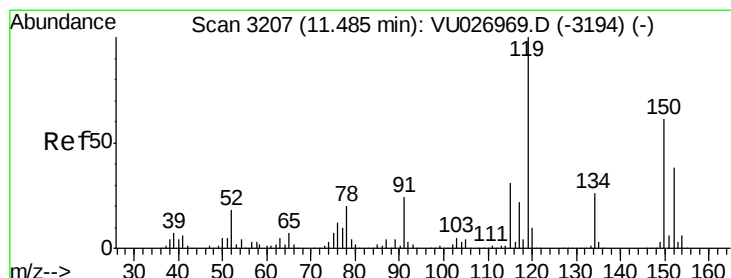
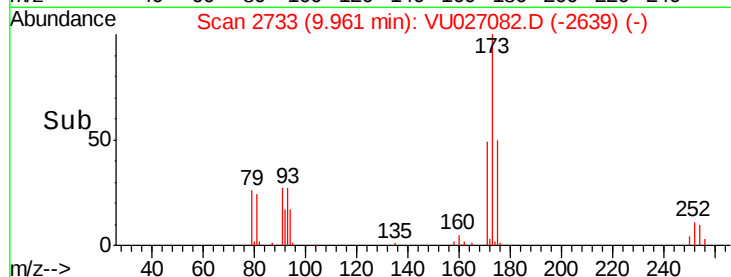
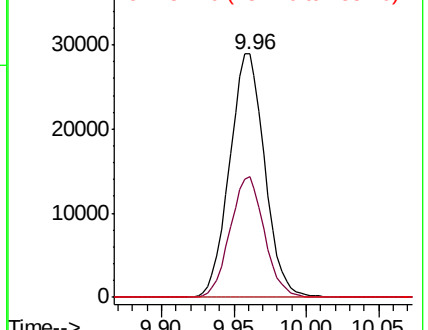
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

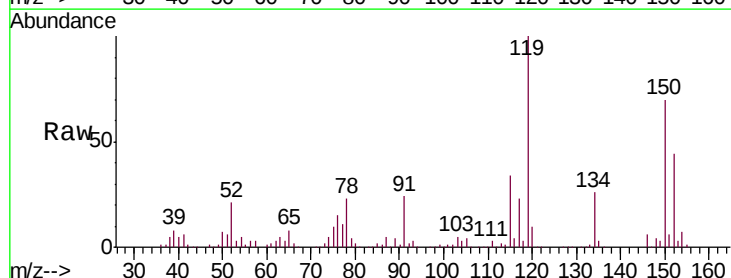
Tgt Ion:152 Resp: 73869

Ion Ratio Lower Upper

152 100

115 87.0 44.9 134.5

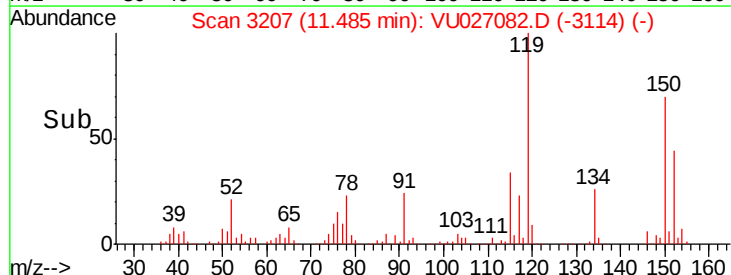
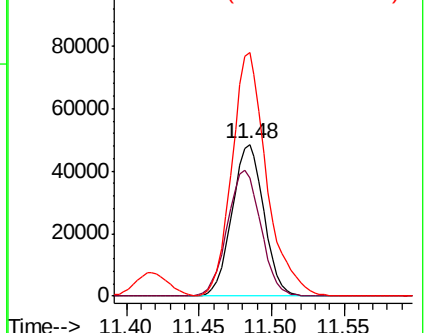
150 175.4 0.0 355.8

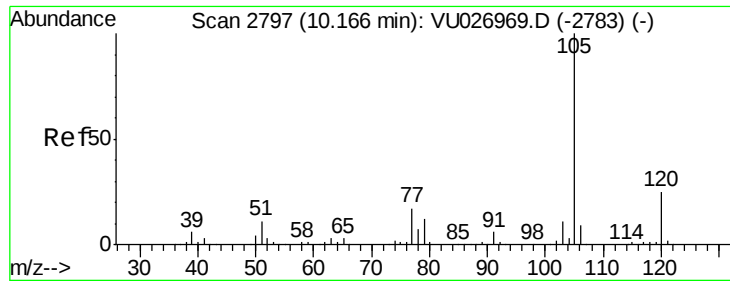


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.336 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

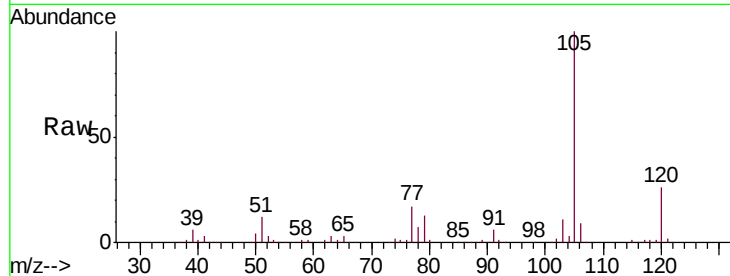
BP-TT-SW4002-20180915MS

Tgt Ion: 105 Resp: 294082

Ion Ratio Lower Upper

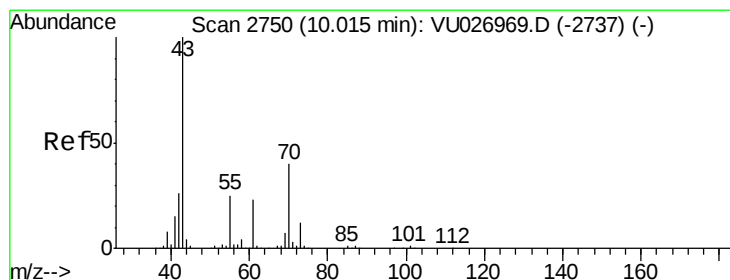
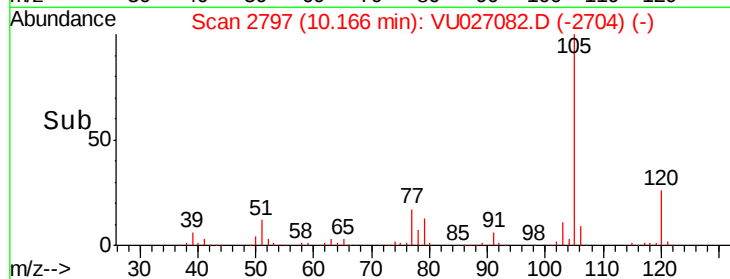
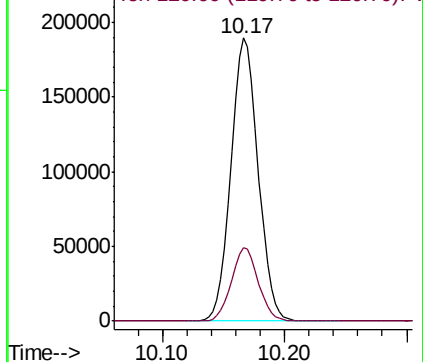
105 100

120 25.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.961 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Tgt Ion: 43 Resp: 146241

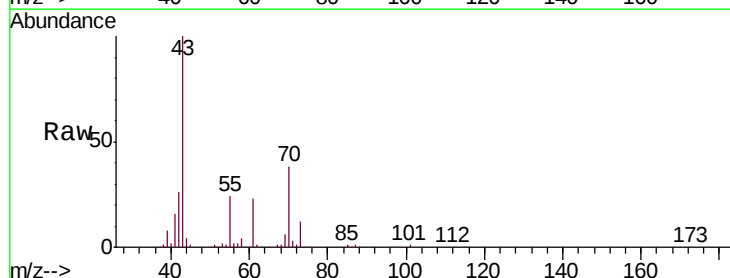
Ion Ratio Lower Upper

43 100

70 38.4 31.8 47.8

55 24.3 19.9 29.9

61 23.1 18.4 27.6

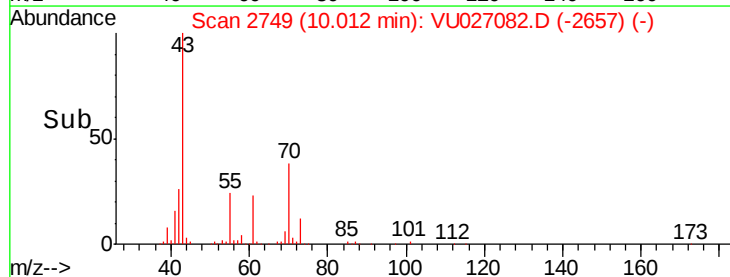
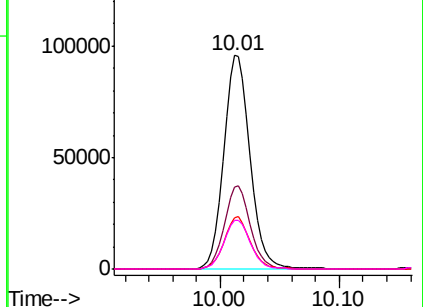


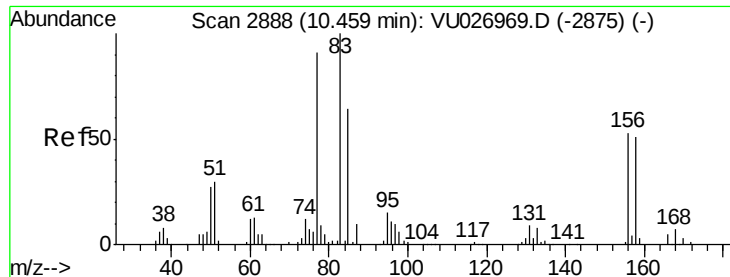
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 46.659 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

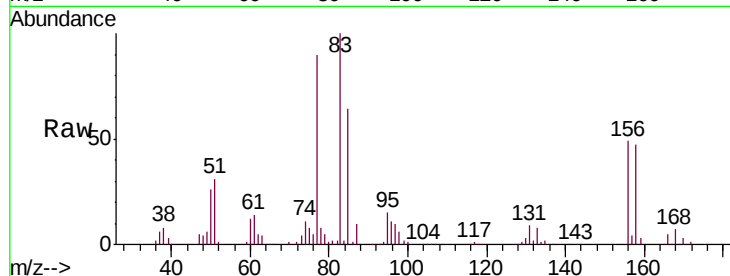
Tgt Ion: 83 Resp: 120545

Ion Ratio Lower Upper

83 100

131 8.5 4.3 12.8

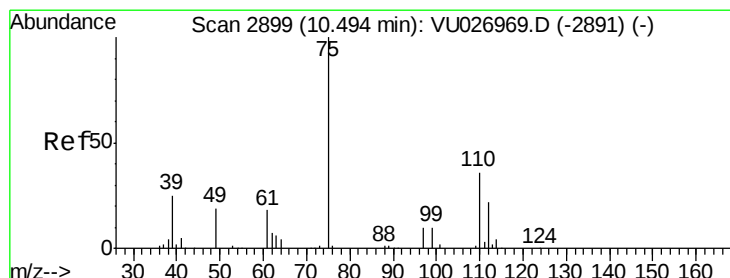
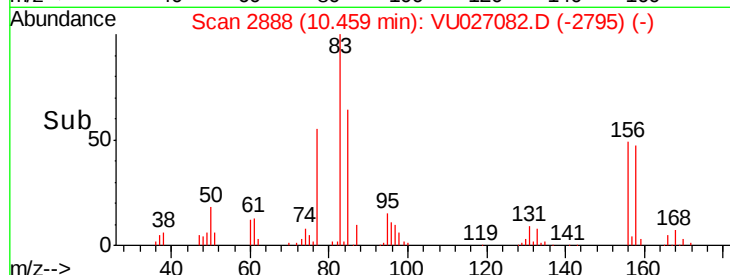
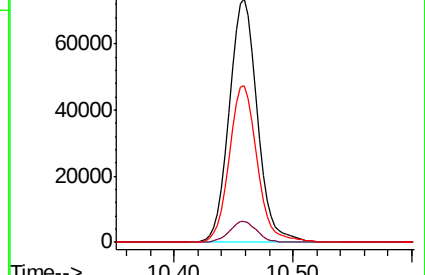
85 64.1 31.9 95.7



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

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

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



#76

1,2,3-Trichloropropane

Concen: 61.238 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027082.D

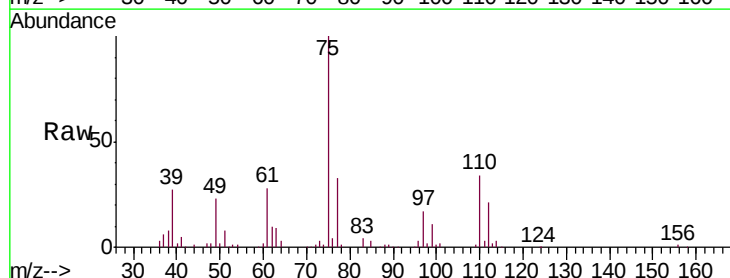
Acq: 23 Sep 2018 19:10

Tgt Ion: 75 Resp: 137425

Ion Ratio Lower Upper

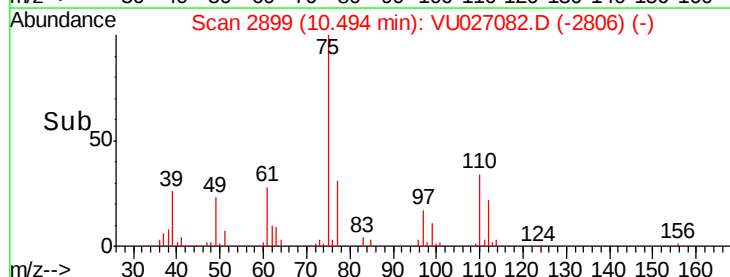
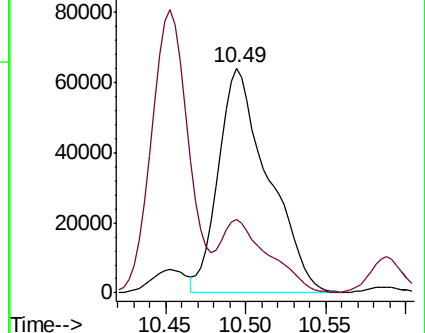
75 100

77 31.7 20.9 62.8



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

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





#77

Bromobenzene

Concen: 48.748 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

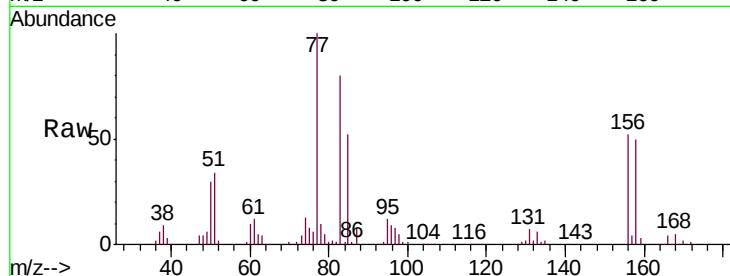
Tgt Ion:156 Resp: 66938

Ion Ratio Lower Upper

156 100

77 195.2 92.3 276.9

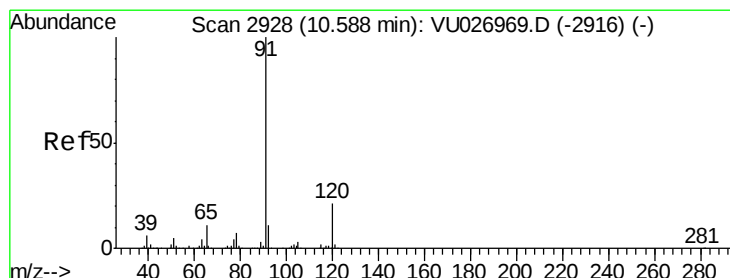
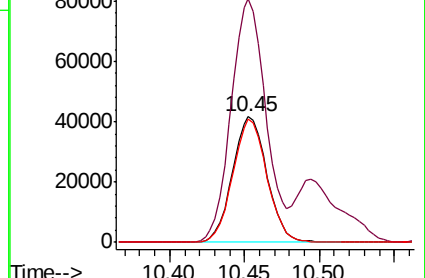
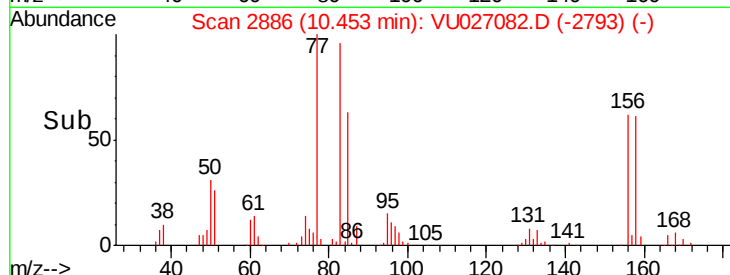
158 96.9 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.701 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027082.D

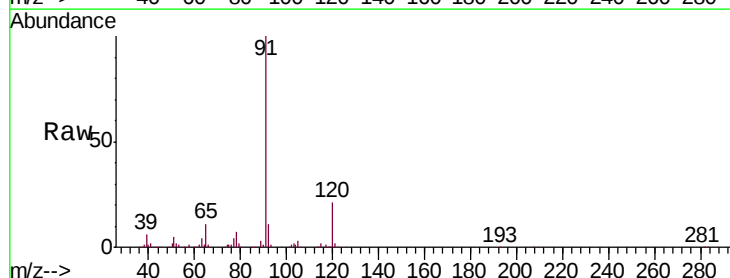
Acq: 23 Sep 2018 19:10

Tgt Ion: 91 Resp: 350396

Ion Ratio Lower Upper

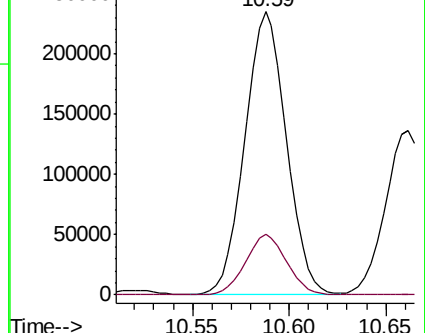
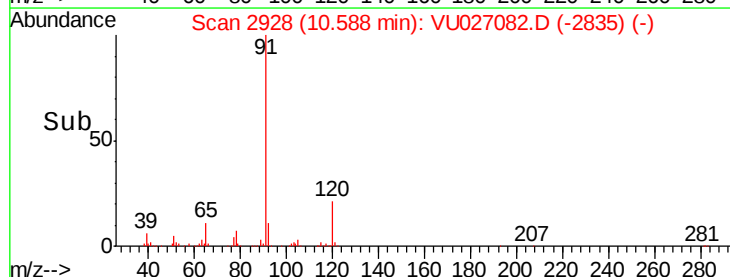
91 100

120 21.2 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

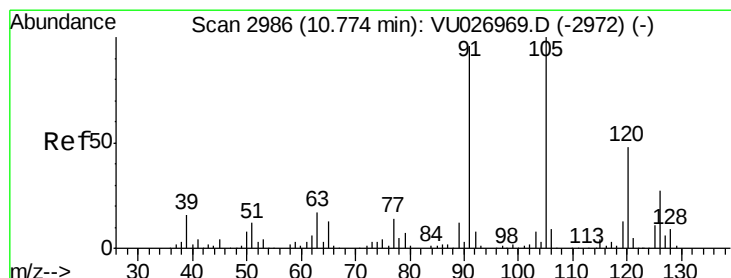
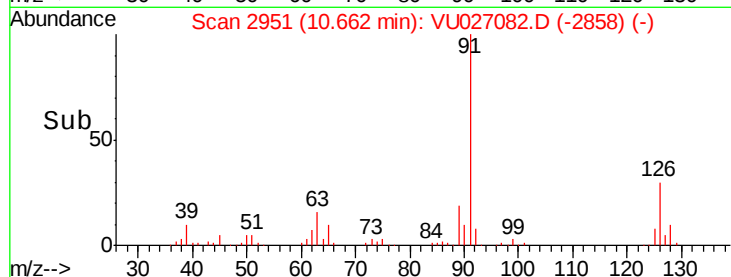
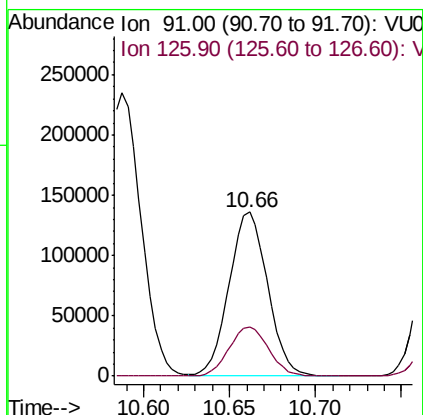
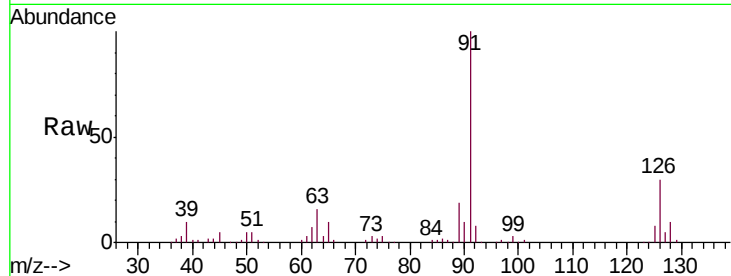




#79
 2-Chlorotoluene
 Concen: 50.475 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

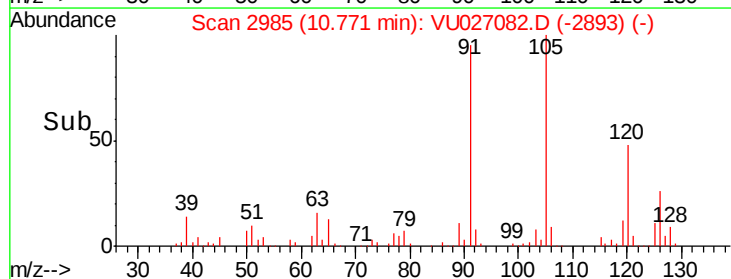
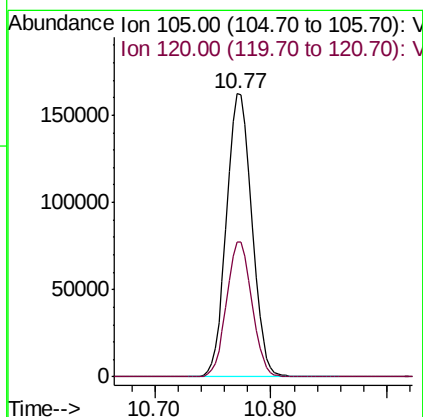
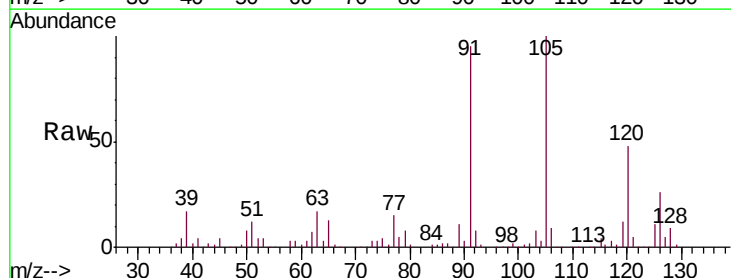
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

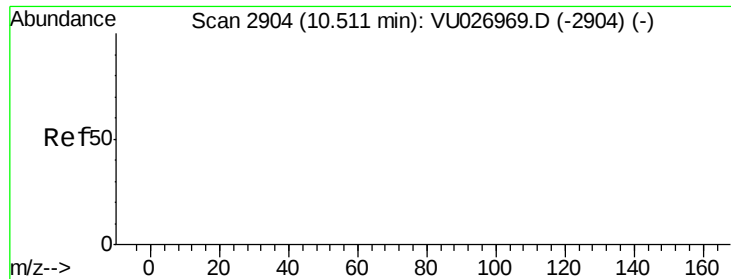
Tgt Ion: 91 Resp: 210798
 Ion Ratio Lower Upper
 91 100
 126 30.9 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 52.861 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion: 105 Resp: 245192
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 195.972 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027082.D

Acq: 23 Sep 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-SW4002-20180915MS

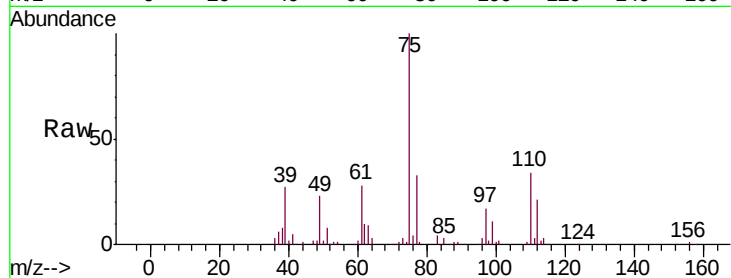
Tgt Ion: 75 Resp: 137425

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

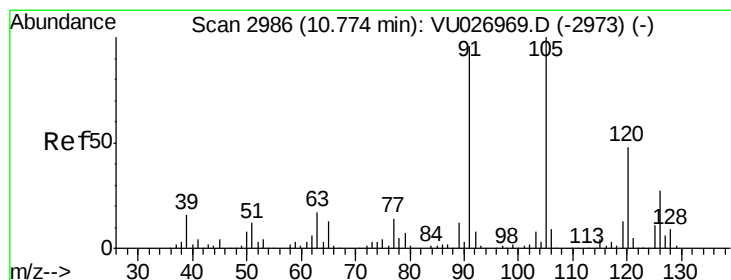
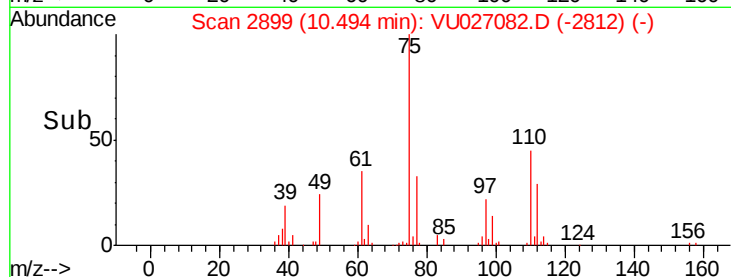
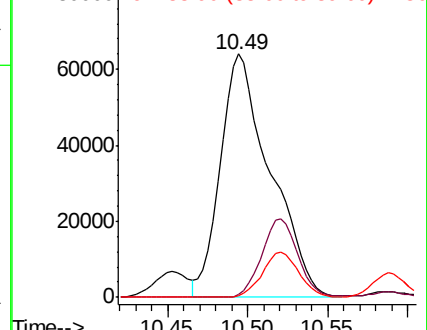
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 51.583 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027082.D

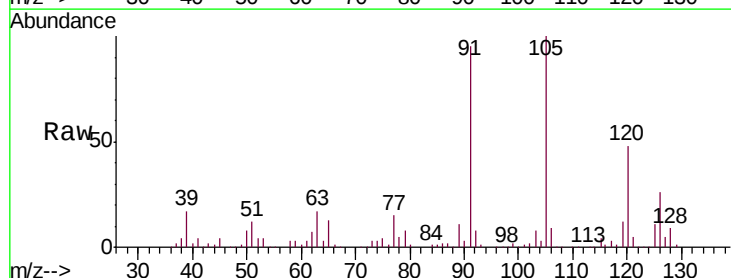
Acq: 23 Sep 2018 19:10

Tgt Ion: 91 Resp: 241553

Ion Ratio Lower Upper

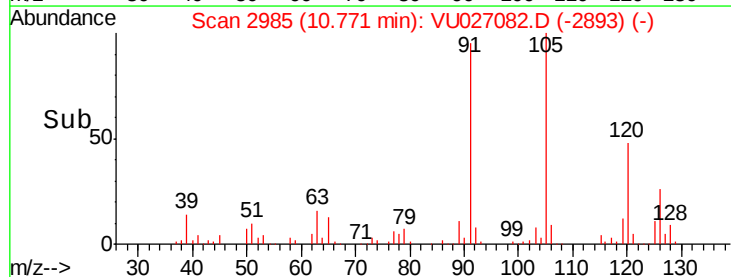
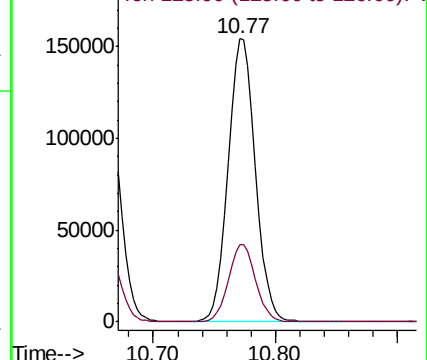
91 100

126 27.2 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

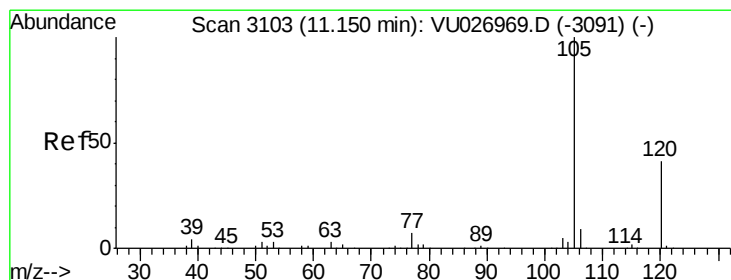
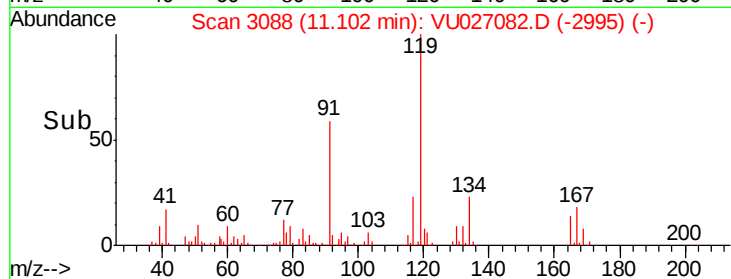
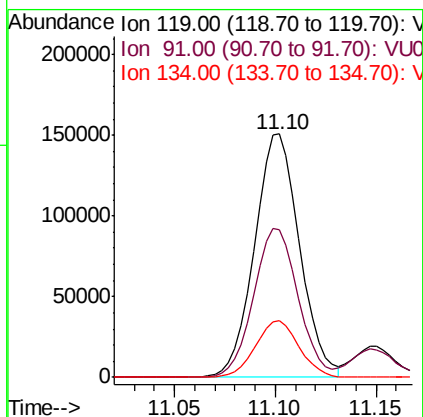
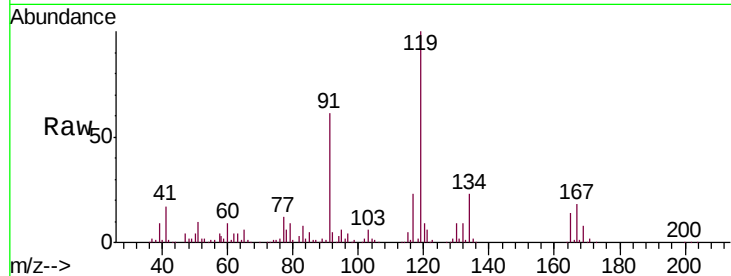




#83
 tert-Butylbenzene
 Concen: 51.255 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

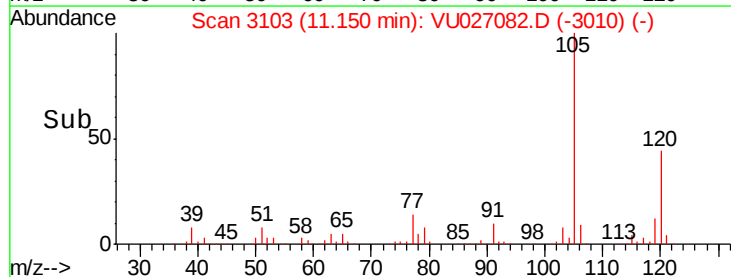
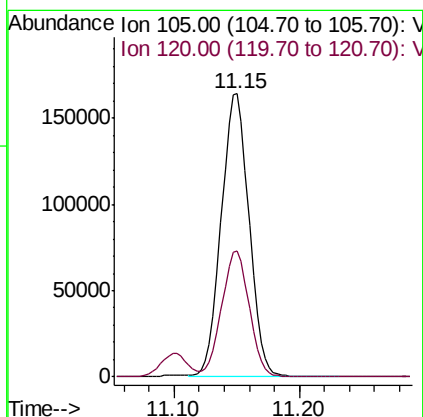
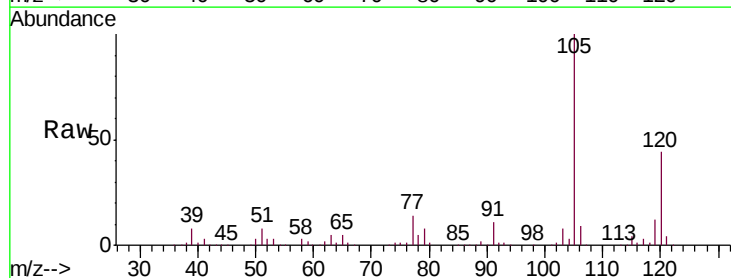
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

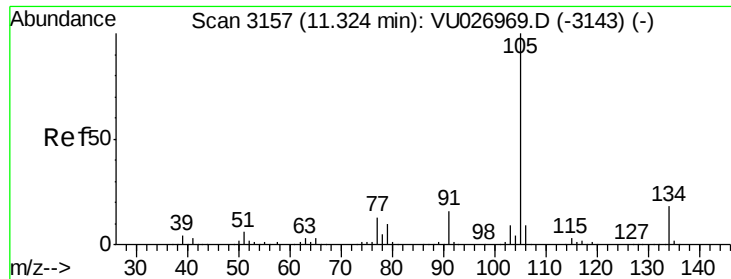
Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.7	29.8	89.4
134	22.7	11.5	34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 53.478 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.4	67.2

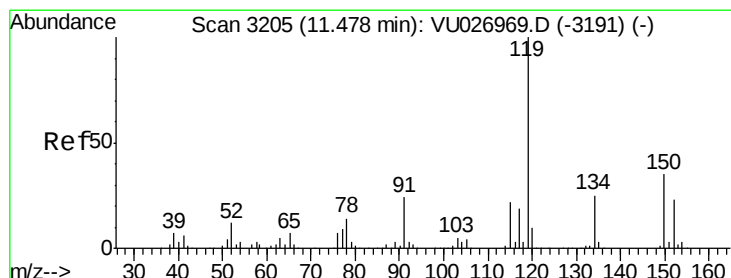
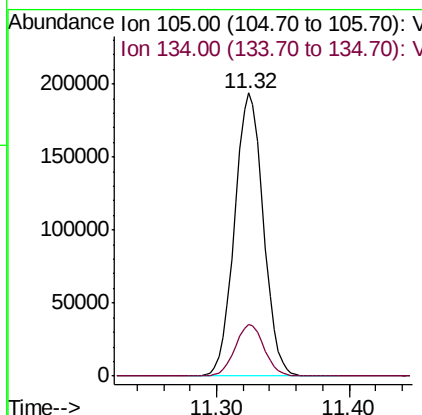
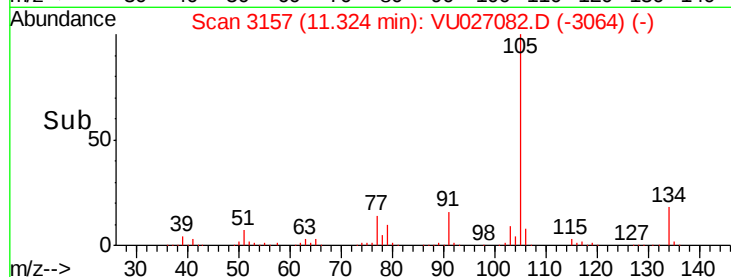
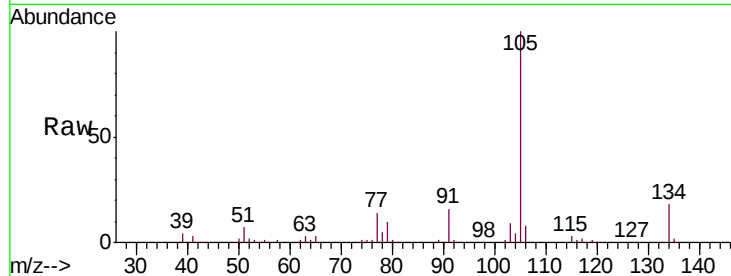




#85
 sec-Butylbenzene
 Concen: 51.989 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

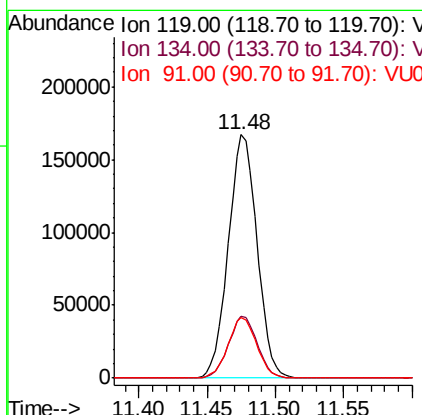
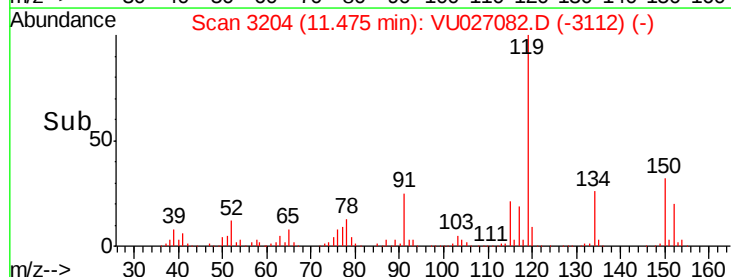
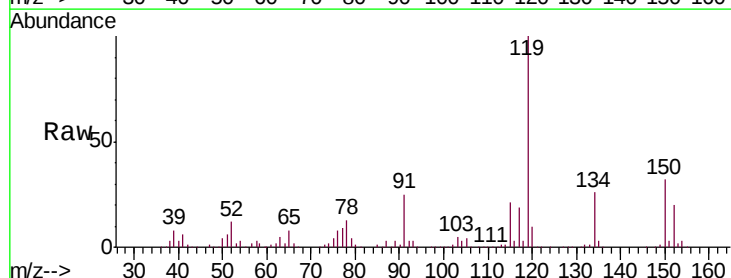
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

Tgt Ion:105 Resp: 291034
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 46.517 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion:119 Resp: 243997
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 25.0 12.3 36.8

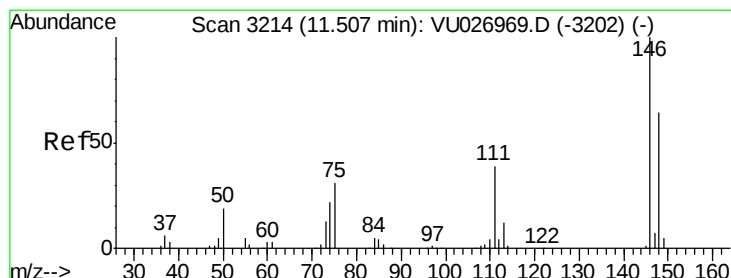
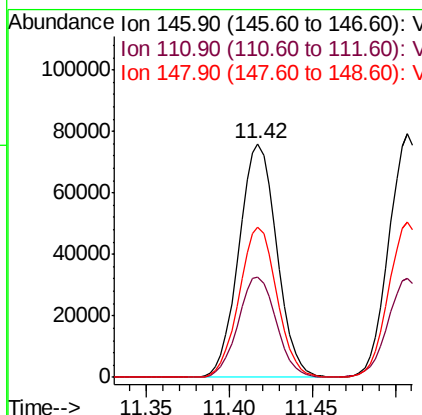
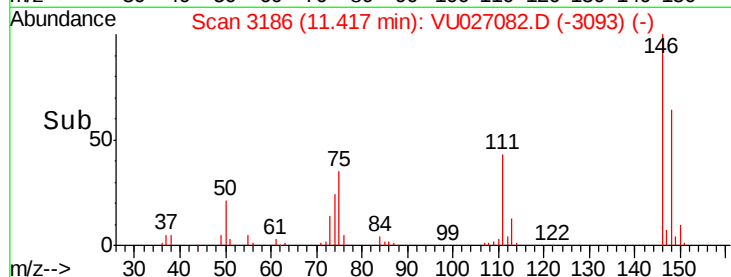
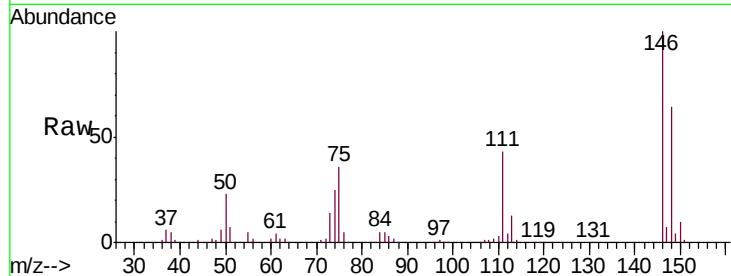




#87
 1,3-Dichlorobenzene
 Concen: 47.168 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

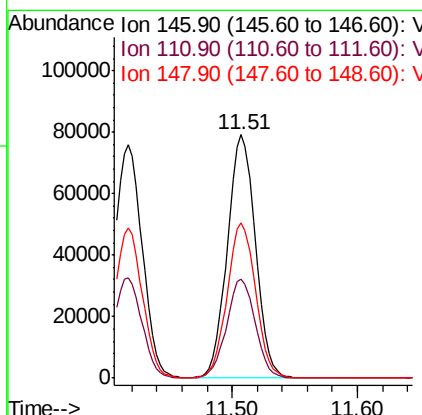
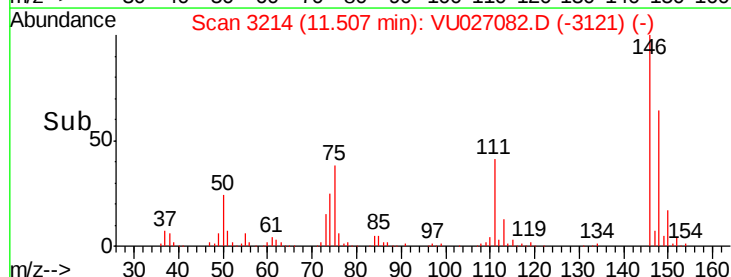
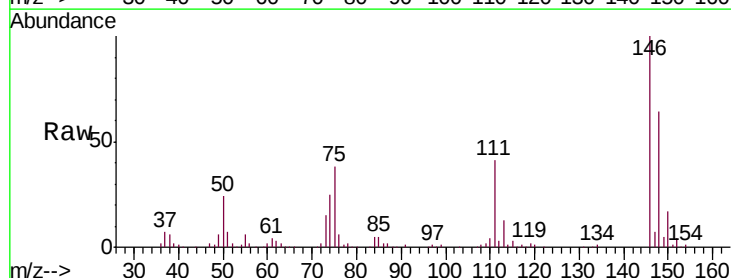
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

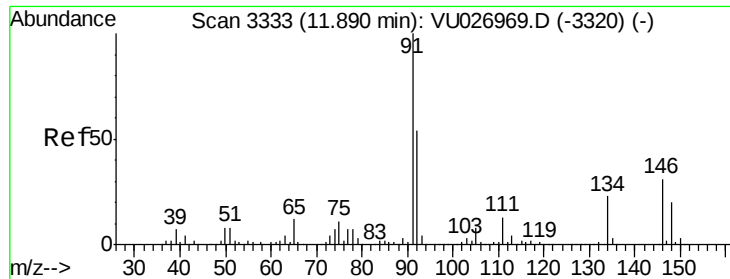
Tgt Ion:146 Resp: 120527
 Ion Ratio Lower Upper
 146 100
 111 43.3 20.8 62.2
 148 63.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 44.186 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion:146 Resp: 123054
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.3 60.9
 148 64.8 31.9 95.9

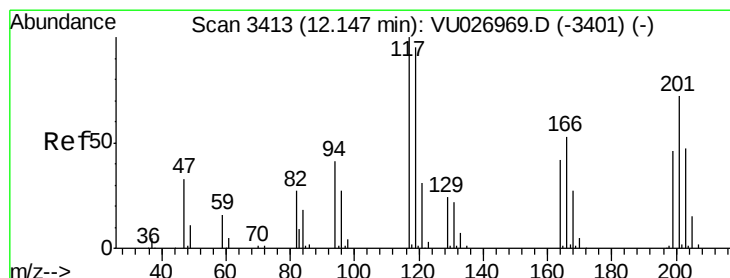
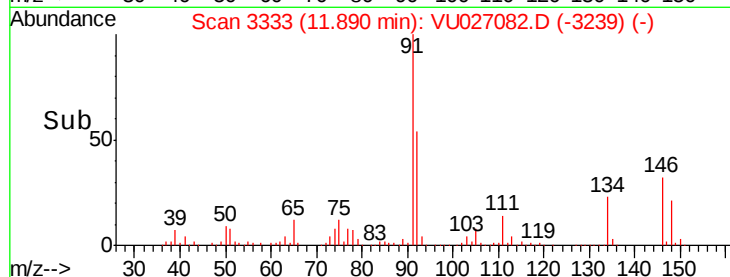
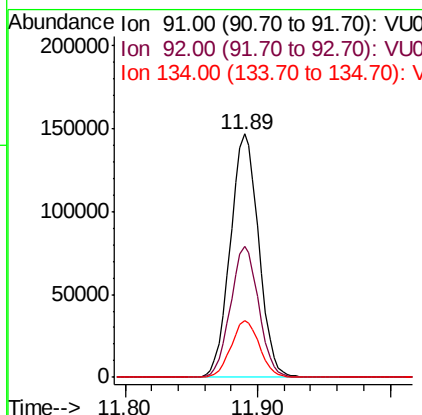
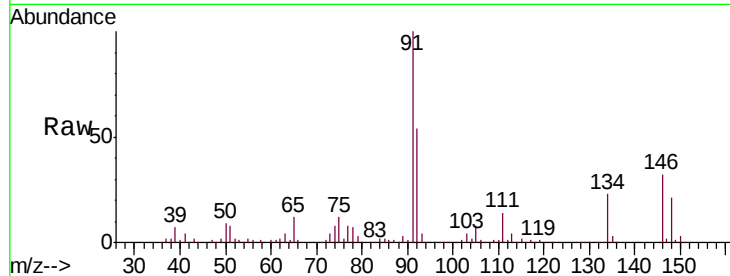




#89
n-Butylbenzene
Concen: 43.126 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

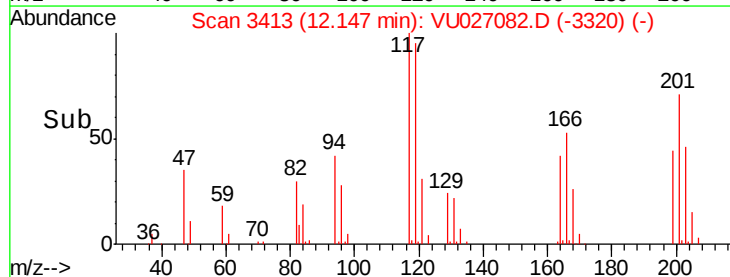
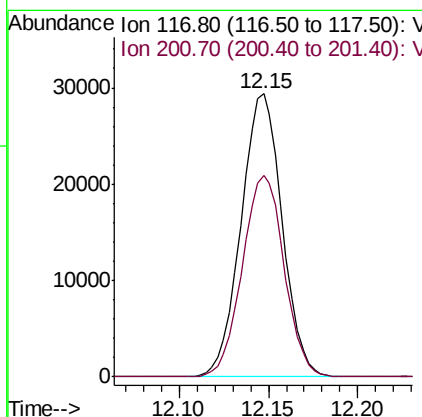
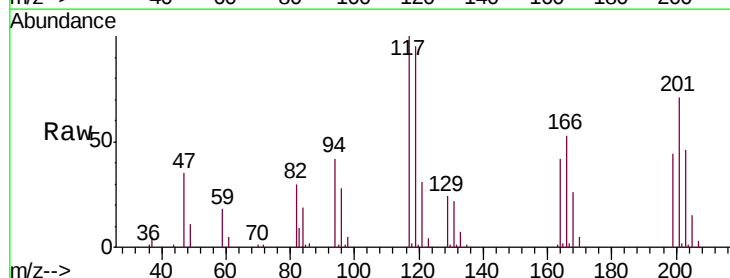
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

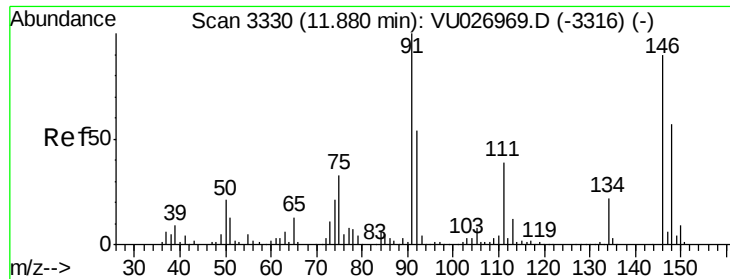
Tgt Ion: 91 Resp: 217834
Ion Ratio Lower Upper
91 100
92 53.3 27.1 81.2
134 23.2 11.7 35.0



#90
Hexachloroethane
Concen: 46.275 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion: 117 Resp: 47107
Ion Ratio Lower Upper
117 100
201 72.5 36.8 110.3

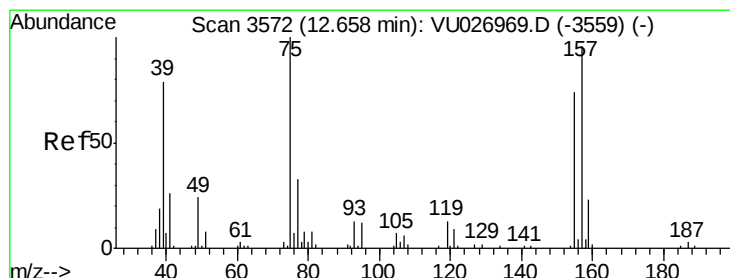
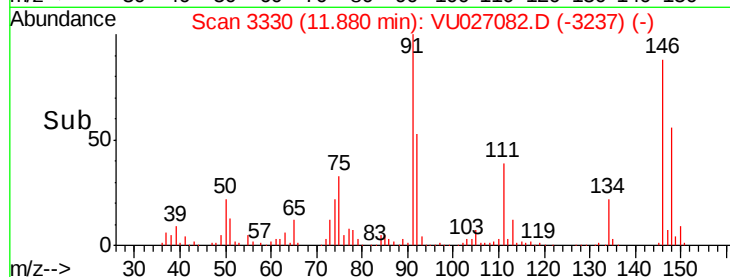
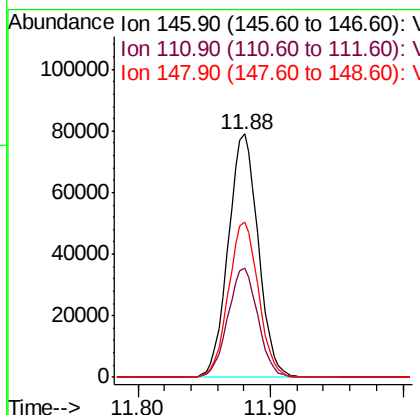
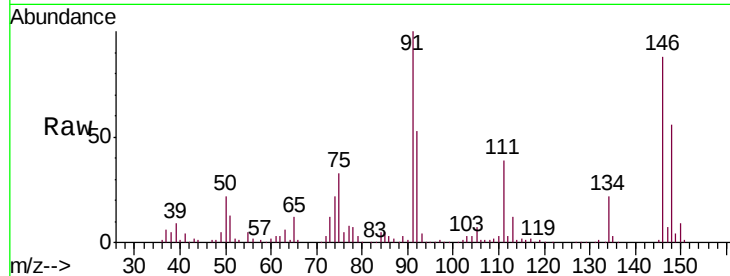




#91
 1,2-Dichlorobenzene
 Concen: 45.663 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

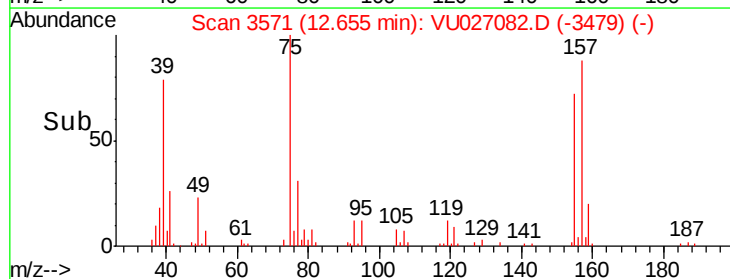
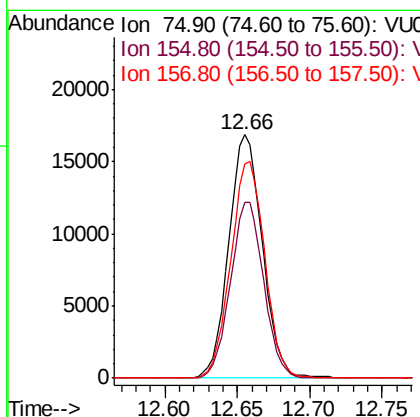
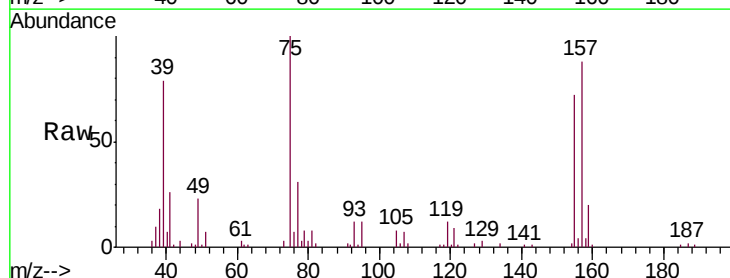
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

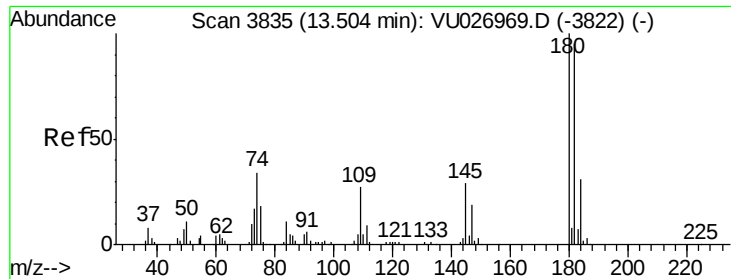
Tgt Ion: 146 Resp: 123942
 Ion Ratio Lower Upper
 146 100
 111 44.7 21.8 65.3
 148 63.9 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.420 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion: 75 Resp: 27101
 Ion Ratio Lower Upper
 75 100
 155 71.2 36.6 109.8
 157 90.0 47.4 142.2

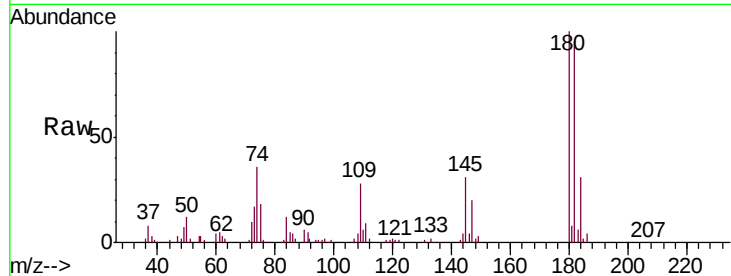




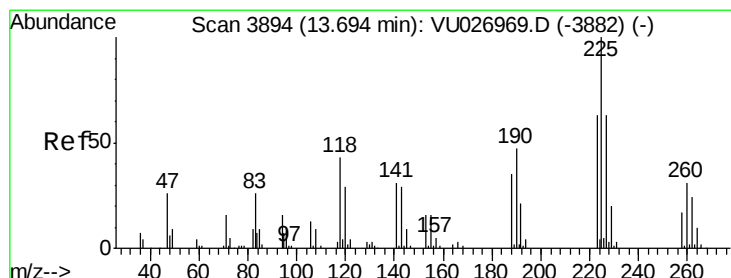
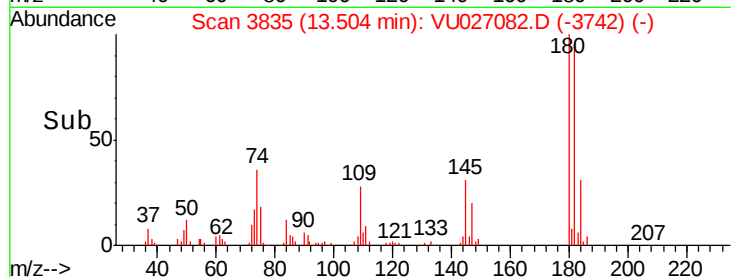
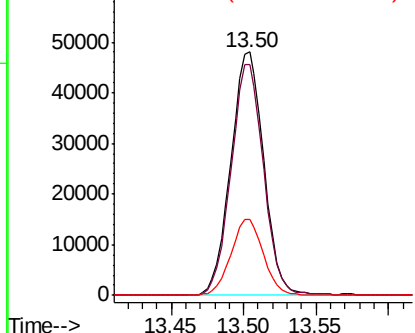
#93
 1,2,4-Trichlorobenzene
 Concen: 48.530 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

Tgt Ion:180 Resp: 75908
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.4 142.2
 145 30.5 14.9 44.5

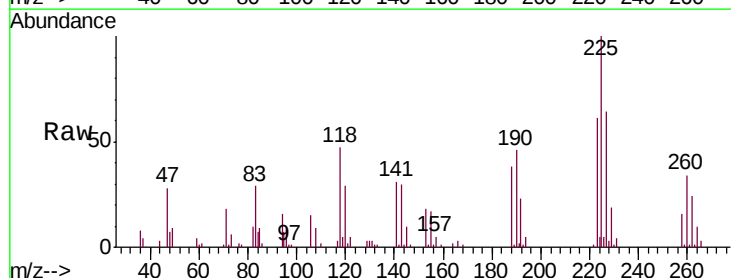


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

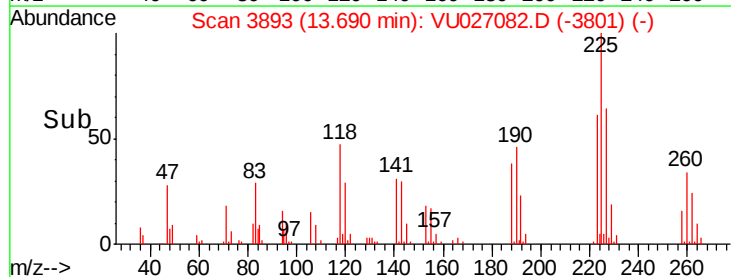
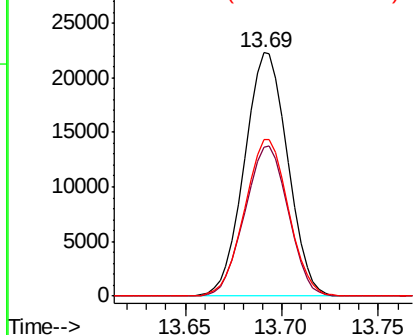


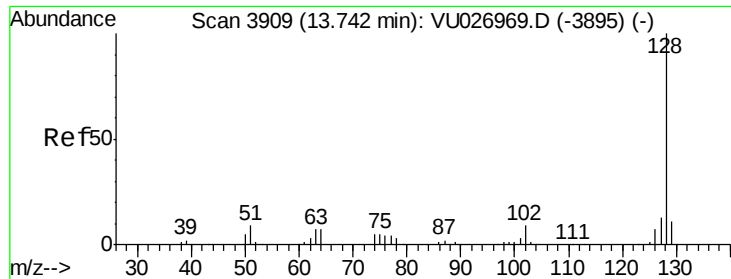
#94
 Hexachlorobutadiene
 Concen: 41.890 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027082.D
 Acq: 23 Sep 2018 19:10

Tgt Ion:225 Resp: 34669
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.9 95.7
 227 65.1 32.1 96.5



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

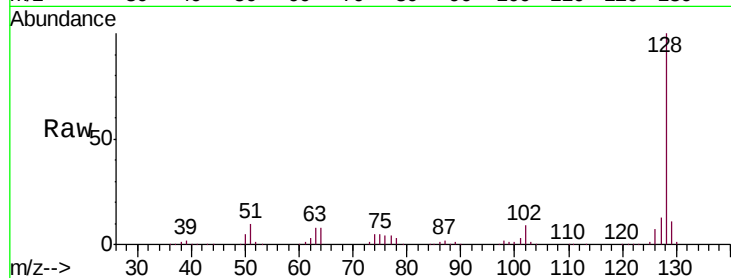




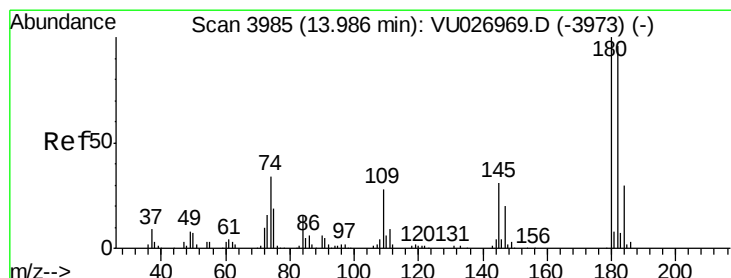
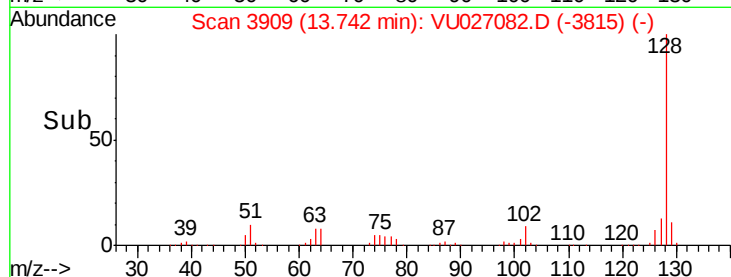
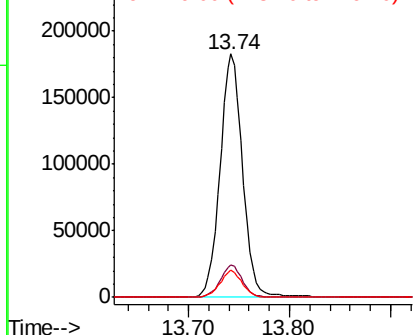
#95
Naphthalene
Concen: 46.864 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-SW4002-20180915MS

Tgt Ion:128 Resp: 285931
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.8 8.6 12.8

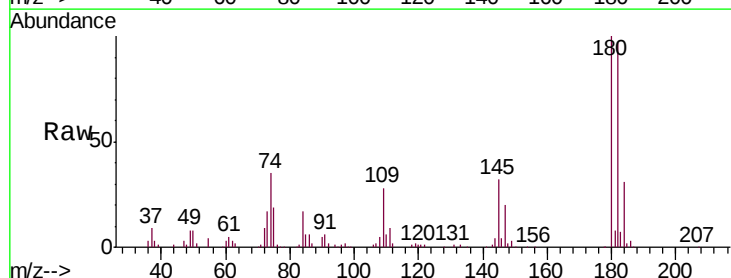


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 49.179 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU027082.D
Acq: 23 Sep 2018 19:10

Tgt Ion:180 Resp: 82493
Ion Ratio Lower Upper
180 100
182 96.0 47.5 142.5
145 31.3 15.4 46.4



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

